04-25-2025 LETTING ITEM 023

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	1
	ILLINOIS	CONTRACT NO. 62R02		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED HIGHWAY PLANS

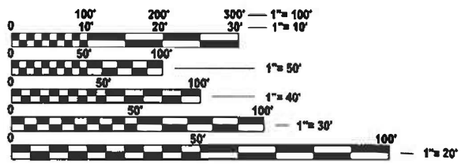
VARIOUS ROUTES
SECTION: 2021-181-SW
ADA IMPROVEMENTS
COOK COUNTY

C-91-074-22

D-91-080-22



LOCATION OF SECTION INDICATED THUS: ▪



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

FOR INDEX OF SHEETS, SEE SHEET NO. 2

THIS IMPROVEMENT IS LOCATED IN VILLAGES OF LINCOLNWOOD, SKOKIE, MORTON GROVE, GLENVIEW, NILES, CITY OF CHICAGO AND EVANSTON

FOR LOCATION MAPS
SEE SHEETS 7-9

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED June 25 20 24 IR
REGIONAL ENGINEER

March 21 20 25
ENGINEER OF DESIGN AND ENVIRONMENT

March 21 20 25
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

PROJECT ENGINEER: RODRIGO LEDEZMA (847) 705-4580
PROJECT MANAGER: JEAN ALAIN MIDY (847) 221-3056

CONTRACT NO. 62R02

REV-SEP

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES
3	SUMMARY OF QUANTITIES SCHEDULE OF QUANTITIES (NOT INCLUDED)
4-6	LOCATION MAPS AND TRAFFIC DATA
7-95	CURB RAMP PLANS
96-117	APS SIGNAL PLANS
118	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT (BD-24)
119	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, NTERSECTIONS, AND DRIVEWAYS (TC-10)
120	DISTRICT ONE TYPICAL PAVEMENT MARKING (TC-13)
121	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TC-14)
122	ARTERIAL ROAD INFORMATION SIGN (TC-22)
123	DRIVEWAY ENTRANCE SIGNING (TC-26)
124	DISTRICT ONE - DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING (TS-07)

STATE STANDARDS

STANDARD NO.	DESCRIPTION
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
424001-12	PREPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-06	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-05	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424016-06	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-07	DEPRESSED CORNER FOR SIDEWALKS
424026-04	ENTRANCE / ALLEY PEDESTRIAL CROSSINGS
424031-03	MEDIAN PEDESTRIAN CROSSINGS
604001-05	FRAME AND LIDS, TYPE 1
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701006-05	OFF- ROAD MOVING OPERATION 2L, 2W 15' TO 24"FROM PAVEMENT EDGE
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701011-04	OFF-ROAD MOVING OPERATION 2L, 2W, DAY ONLY
701101-05	OFF ROAD OPERATIONS, MULITILANE, 2' TO 15' 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, MULTILANE, INTERMITTENT OR MOVING OPERATIONS FOR SPEEDS < 40 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701601-09	URBAN SINGLE LANE CLOSURE, MULTILANE, 1W OR 2W WITH NON TRAVERSABLE MEDIAN
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

GENERAL NOTES

1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES, (48 HOURS NOTIFICATION IS REQUIRED).

2. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, AND VILLAGE OF LINCOLNWOOD, SKOKIE, MORTON GROVE, GLENVIEW, NILES, CITY OF CHICAGO AND EVANSTON.

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

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

5. TWO (2) FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB & GUTTER AND MEDIAN ITEMS WORK TO EXISTING CURBS & GUTTER AND MEDIAN IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE PRICE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.

6. ANY DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

7. ALL PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE IMPROVEMENT ACCORDING TO DISTRICT 1 TYPICAL PAVEMENT MARKING.

8. THE RESIDENT ENGINEER SHALL CONTACT PATRICE HARRIS AREA TRAFFIC FIELD TECHNICIAN, AT PATRICE.HARRIS@ILLINOIS.GOV, A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

9. FRAMES AND GRATES ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE PROJECT LIMITS SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT.

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

11. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION. THIS SHALL INCLUDE LOCATING THE MAST ARM AND FOUNDATIONS AND VERIFYING THE MAST ARM LENGHTS.

12. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.

13. FOR FRAMES AND LIDS ADJUSTMENT WITHOUT MILLING, REUSE EXISTING FRAME AND LIDS UNLESS OTHERWISE SPECIFIED IN THE PLANS.

14. SAW CUTTING OF PAVEMENTS, SIDEWALK, CURB & GUTTER, ETC. SHALL BE TO FULL DEPTH AND SHALL RESULT IN A CLEAN STRAIGHT EDGE ON THE PORTION REMAINING. ALL SAW CUTTING SHALL CONSIDERED INCLUDED IN THE COST OF THE ITEM REMOVED.

15. WHEN EXISTING SIDEWALK IS TO BE REMOVED WITHOUT PROPOSED SIDEWALK REPLACEMENT, IT SHALL BE REPLACED WITH TOPSOIL AND SOD.

16. LANDSCAPED AREAS AFFECTED BY SIDEWALK CONSTRUCTION SHALL BE RESTORED WITH 18 INCH WIDE STRIP OF "SODDING SALT-TOLERANT" AND "TOPSOIL FURNISH AND PLACE, 4-INCH" INSTALLED FROM BACK OF THE SIDEWALK, OR AS DETERMINED BY THE ENGINEER.

17. ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF THE CURB OR DRAINAGE STRUCTURES, WHICH OBSTRCTS THE NATUREAL FLOW OF WATER, SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO THE ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPERATELY BUT SHALL BE CONSIDERED AS INCIDENTAL.

18. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPLACEMENT OF ANY DETECTOR LOOPS DAMAGED DURING CONSTRUCTION.

19. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACESS AT ALL TIMES DURING CONSTRUCTION.

20. ALL CAST OPEN LIDS FOR FRAMES, TYPE 1 SHALL BE "ADA COMPLIANT" CAST OPEN LIDS. SEE HIGHWAY STANDARD 604001.

HOT-MIX ASPHALT MIXTURE REQUIREMENT		
MIXTURE TYPE	AIR VOID @ Ndes	QUALITY MANAGEMENT PROGRAM (QMP)
SURFACE RESTORATION		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 2"	4.0% at 50 GYR	QC/QA
HMA SHOULDER		
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70, 8"	4.0% at 50 GYR	QC/QA
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 2"	4.0% at 50 GYR	QC/QA
DRIVEWAY		
HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50, 6"	4.0% at 50 GYR	QC/QA
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 2"	4.0% at 50 GYR	QC/QA
QMP DESIGNATION: QUALITY CONTROL /QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (QCP) PAY FOR PERFORMANCE (PFP)		

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURVACE MIXUTRE 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 MATERIALS SPECIFICATIONS.

MODEL: GenNotesSht01 [Sheet]
FILE NAME: c:\pw_work\pwdot\hassannl\d0905386\D1108022-sht-gennote.dgn

USER NAME = naveed.hassan	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 1/24/2025	DATE -	REVISED -	

INDEX OF SHEETS, STATE STANDARDS AND GENEARL NOTES

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

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	2
		CONTRACT NO. 62R02		
	ILLINOIS	FED. AID PROJECT		

REV-SEP

SUMMARY OF QUANTITIES

					TYPE CODE					
					URBAN ROADWAY	URBAN ROADWAY	URBAN SIGNAL	URBAN	URBAN	URBAN
				100% STATE						
	Code No.	Item	Unit	Total Quantity	0005	0005	0021			
	20200100	EARTH EXCAVATION	CU YD	220	220	0	0			
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	1175	1175	0	0			
	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	23	23	0	0			
	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	23	23	0	0			
	25200110	SODDING, SALT TOLERANT	SQ YD	1175	1175	0	0			
	25200200	SUPPLEMENTAL WATERING	UNIT	5	5	0	0			
	30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	141	141	0	0			
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	635	635	0	0			
	40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	12	12	0	0			
	40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	65	65	0	0			
	42001300	PROTECTIVE COAT	SQ YD	2175	2175	0	0			
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	14468	14468	0	0			
	42400800	DETECTABLE WARNINGS	SQ FT	1593	1593	0	0			
	44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	578	578	0	0			
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	22	22	0	0			
	44000600	SIDEWALK REMOVAL	SQ FT	15190	15190	0	0			
	44003100	MEDIAN REMOVAL	SQ FT	56	56	0	0			
	48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	0.65	0.65	0	0			
	48203037	HOT-MIX ASPHALT SHOULDERS, 10"	SQ YD	117.5	117.5	0	0			
	60250200	CATCH BASINS TO BE ADJUSTED	EACH	2	2	0	0			
	60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	1	1	0	0			

SUMMARY OF QUANTITIES

						TYPE CODE					
						URBAN ROADWAY	URBAN ROADWAY	URBAN SIGNAL	URBAN	URBAN	URBAN
					100% STATE						
		Code No.	Item	Unit	Total Quantity	0005	0005	0021			
		60255500	MANHOLES TO BE ADJUSTED	EACH	2	2	0	0			
		60260100	INLETS TO BE ADJUSTED	EACH	2	2	0	0			
		60262700	INLETS TO BE RECONSTRUCTED	EACH	1	1	0	0			
		60266600	VALVE BOXES TO BE ADJUSTED	EACH	12	12	0	0			
		60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	1	1	0	0			
		60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	21	21	0	0			
		60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	1	1	0	0			
		60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	1	1	0	0			
		60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	141	141	0	0			
		60619600	CONCRETE MEDIAN, TYPE SB-6.12	SQ FT	18	18	0	0			
*		66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	220	220	0	0			
*		66900530	SOIL DISPOSAL ANALYSIS	EACH	10	10	0	0			
*		66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1	0	0			
*		66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1	0	0			
*		66901006	REGULATED SUBSTANCES MONITORING	CAL DA	8	8	0	0			
		67100100	MOBILIZATION	L SUM	1	1	0	0			
		70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1	0	0			
		70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1	0	0			
		70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1	0	0			
		70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1	0	0			
		70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1	0	0			

* SPECIALTY ITEM △ NON-PARTICIPATING ITEMS

MODEL: SQQ01 [Sheet]
FILE NAME: c:\pw_work\pwidot\hassannd\d0905386\D1108922-sht-SQQ.dgn

USER NAME = naveed.hassan	DESIGNED -	REVISED -	**STATE OF ILLINOIS**
	DRAWN -	REVISED -	**DEPARTMENT OF TRANSPORTATION**
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 1/24/2025	DATE -	REVISED -	

SUMMARY OF QUANTITIES
VARIOUS AT VARIOUS

SCALE: | SHEET 1 OF 2 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	3
		CONTRACT NO. 62R02		
	ILLINOIS	FED. AID PROJECT		

REV-SEP

SUMMARY OF QUANTITIES

100% STATE

	Code No.	Item	Unit	Total Quantity	TYPE CODE URBAN ROADWAY 0005	URBAN ROADWAY 0005	URBAN SIGNAL 0021	URBAN	URBAN	URBAN
*	72400735	REMOVE AND RELOCATE SIGN PANEL - TYPE 1	SQ FT	8	8	0	0			
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	7046	7046	0	0			
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	216	216	0	0			
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	1592	1592	0	0			
*	78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	893	893	0	0			
*	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	470	0	0	470			
*	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	7	0	0	7			
*	87301125	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 12 3C	FOOT	1028	0	0	1028			
*	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	4249	0	0	4249			
*	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	187	0	0	187			
*	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	4	0	0	4			
*	87900200	DRILL EXISTING HANDHOLE	EACH	25	0	0	25			
*	88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	7	0	0	7			
	88600100	DETECTOR LOOP, TYPE I	FOOT	700	0	0	700			
*	89501150	RELOCATE EXISTING TRAFFIC SIGNAL POST	EACH	1	0	0	1			
*	89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	450	0	0	450			
*	89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	215	0	0	215			
*	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	7	0	0	7			
*	89502376	REBUILD EXISTING HANDHOLE	EACH	4	0	0	4			
	X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1	1	0	0			
	X0327611	REMOVE AND REINSTALL BRICK PAVER	SQ FT	12	12	0	0			

SUMMARY OF QUANTITIES

100% STATE

	Code No.	Item	Unit	Total Quantity	TYPE CODE URBAN ROADWAY 0005	URBAN ROADWAY 0005	URBAN SIGNAL 0021	URBAN	URBAN	URBAN
*	X1400367	PEDESTRIAN SIGNAL POST, 10 FT.	EACH	3	0	0	3			
*	X1400378	PEDESTRIAN SIGNAL POST, 5 FT.	EACH	26	0	0	26			
	X4400082	TEMPORARY INFORMATION SIGNING	SQ FT	359.8	359.8	0	0			
	X4400501	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT LESS THAN OR EQUAL TO 10 FEET	FOOT	48	48	0	0			
△	X4400503	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT GREATER THAN 10 FEET	FOOT	2498	2498	0	0			
	X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	800	0	800	0			
	X6700407	ENGINEER'S FIELD OFFICE, TYPEA (D1)	CAL MO	12	12	0	0			
*	X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	51	0	0	51			
*	X8780012	CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	116	0	0	116			
△	Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	13	0	13	0			
*	Z0033044	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	7	0	0	7			
Ø	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	500					

* SPECIALTY ITEM △ NON-PARTICIPATING ITEMS

Ø 0042

MODEL: SOQ02 [Sheet]
FILE NAME: c:\pw_work\pwidot\hassannh\d0905386\D1089022-sht-SOQ.dgn

USER NAME = naveed.hassan	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = $SCALES	CHECKED -	REVISED -	
PLOT DATE = 1/30/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
VARIOUS AT VARIOUS

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

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	4
		CONTRACT NO. 62R02		
	ILLINOIS	FED. AID PROJECT		

REV-SEP

		ITEM NUMBER	20200100	21101615	25200110	40600290	40604060	42001300	42400200	42400800	44000157	44000600	44003100	60250200	60266600	60406000	60406100	60619600	X4400501	X4400501	78300202	78000400	78000600	78000650	72400500
INTERSECTION NUMBER	LOCATION	QUADRANT	EARTH EXCAVATION	TOPSOIL FURNISH AND PLACE, 4"	SODDING, SALT TOLERANT	BITUMINOUS MATERIALS (TACK COAT)	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	PROTECTIVE COAT	PCC CONCRETE SIDEWALK 5 INCH	DETECTABLE WARNINGS	HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH	SIDEWALK REMOVAL	MEDIAN REMOVAL	CATCH BASINS TO BE ADJUSTED	VALVE BOXES TO BE ADJUSTED	FRAMES AND LIDS, TYPE 1, OPEN LID	FRAMES AND LIDS, TYPE 1, CLOSED LID	CONCRETE MEDIAN, TYPE SB-6.12	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT LESS THAN OR EQUAL TO 10 FEET	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT GREATER THAN OR EQUAL TO 10 FEET	PAVEMENT MARKING REMOVAL - WATER BLASTING	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	RELOCATE SIGN PANEL ASSEMBLY - TYPE A
			CU YD	SQ YD	SQ YD	POUND	TON	SQ YD	SF	SF	SQ YD	SF	SQ FT	EACH	EACH	EACH	EACH	SQFT	LF	LF	SQ FT	LF	LF	LF	EACH
1	LINCOLN AVE. AT MONTICELLO AVE.	NW	1.5	6.11	6.11	2.60	0.65	15.33	90	12	5.8	90	0	0	0	0	0	0	0	24	0	80	0	16	0
	LINCOLN AVE. AT MONTICELLO AVE.	NE	1.5	8.89	8.89	2.10	0.52	26.44	200	10	4.7	205.5	0	0	0	0	0	0	0	19	0		0		0
2	LINCOLN AVE. AT ARTHUR AVE. & LAWNDALE AVE.	NW & NE	1.5	31.36	31.36	7.70	1.92	57.33	370	34	17.1	537	0	0	0	0	0	0	0	73	0	142	0	26	0
	LINCOLN AVE. AT ARTHUR AVE.	NE	1.5	3.00	3.00	1.50	0.37	18.22	138	13	3.3	138	0	0	0	0	0	0	0	13	0		0		0
	LINCOLN AVE. AT ARTHUR AVE.	SW	1.5	4.44	4.44	1.40	0.35	11.56	82	10	3.1	82	0	0	0	0	0	0	0	11	0	135	0	26	0
	LINCOLN AVE. AT ARTHUR AVE.	SE	1.5	2.22	2.22	1.00	0.25	7.89	51	11	2.2	51	0	0	0	0	0	0	10	0	0		0		0
	LINCOLN AVE. AT LAWNDALE AVE.	NW	1.5	11.58	11.58	1.70	0.42	21.89	169	12	3.8	169	0	0	0	0	0	0	0	14	0	124	0	23.5	0
3	LINCOLN AVE. AT HAMLIN AVE.	SW	1.5	8.33	8.33	3.00	0.75	17.11	102	21	6.7	102	0	0	0	0	0	0	0	26	0	77	0	19	0
4	LINCOLN AVE. AT ALBION AVE.	SW	1.5	2.11	2.11	1.70	0.42	23.00	179	10	3.8	179	0	0	0	0	0	0	0	14	0	156	0	15	0
	LINCOLN AVE. AT PROESEL AVE.	SE	1.5	5.56	5.56	1.70	0.42	12.33	83	10	3.8	83	0	0	0	0	0	0	0	14	0		0		0
5	LINCOLN AVE. AT AVERS AVE.	NW	1.5	4.33	4.33	1.80	0.45	13.56	90	12	4.0	90	0	0	0	0	0	0	0	16	0	80	0	16	0
	LINCOLN AVE. AT AVERS AVE.	NE	1.5	3.00	3.00	2.00	0.50	18.78	135	11	4.4	135	0	2	0	0	1	0	0	17	0		0		0
6	LINCOLN AVE. AT HARDING AVE.	NW	1.5	4.89	4.89	4.70	1.17	30.67	192	20	10.4	192	0	0	0	0	0	0	0	42	0	79	0	16	0
	LINCOLN AVE. AT HARDING AVE.	NE	1.5	4.89	4.89	2.90	0.72	18.11	113	31	6.4	113	0	0	1	0	0	0	0	25	0		0		0
	LINCOLN AVE. AT HARDING AVE.	SW	1.5	2.00	2.00	3.00	0.75	25.22	175	14	6.7	175	0	0	0	0	0	0	0	26	0	75	0	15	0
	LINCOLN AVE. AT HARDING AVE.	SE	1.5	5.56	5.56	3.00	0.75	31.33	232	32	6.7	232	0	0	0	0	0	0	0	25	0		0		0
7	LINCOLN AVE. AT PRATT AVE.	NW	1.5	6.89	6.89	4.60	1.14	34.89	228	35.5	10.2	228	31	0	0	0	0	9	0	43	893	220	0	37	0
	LINCOLN AVE. AT PRATT AVE.	NE	1.5	4.44	4.44	3.50	0.87	28.44	196	16	7.8	196	0	0	0	0	0	0	0	30	0	250	0	72	0
	LINCOLN AVE. AT PRATT AVE.	SW	1.5	4.33	4.33	4.20	1.05	12.89	88	11	9.3	88	25	0	0	0	0	9	0	14	0	250	0	72	0
	LINCOLN AVE. AT PRATT AVE.	SE	1.5	6.33	6.33	1.60	0.40	32.33	211	39	3.6	227	0	0	0	0	0	0	0	40	0	220	0	39	0
8	LINCOLN AVE. AT KEYSTONE AVE.	NE	1.5	7.11	7.11	3.40	0.85	19.67	117	12	7.6	151	0	0	0	0	0	0	0	30	0		0		0
9	LINCOLN AVE. AT KARLOV AVE.	NW	1.5	8.33	8.33	2.80	0.70	19.89	125	12	6.2	144	0	0	0	0	0	0	0	27	0	78	0	15	0
	LINCOLN AVE. AT KARLOV AVE.	NE	1.5	4.56	4.56	3.10	0.77	20.33	135	11	6.9	158	0	0	0	0	0	0	0	24	0		0		0
10	LINCOLN AVE. AT KEDVALE AVE.	NW	1.5	7.11	7.11	3.00	0.75	21.56	142	11	6.7	142	0	0	0	0	0	0	0	26	0	76	0	16	0
	LINCOLN AVE. AT KEDVALE AVE.	NE	1.5	6.89	6.89	5.30	1.32	35.22	221	13	11.8	221	0	0	0	0	0	0	0	48	0		0		0
	LINCOLN AVE. AT KEDVALE AVE.	SW	1.5	11.11	11.11	2.90	0.72	20.67	136	30	6.4	136	0	0	0	0	0	0	0	25	0	79	0	15	0
	LINCOLN AVE. AT KEDVALE AVE.	SE	1.5	7.22	7.22	2.90	0.72	19.44	123	29	6.4	123	0	0	0	0	0	0	0	26	0		0		0
11	LINCOLN AVE. AT MORSE AVE.	NW	1.5	7.11	7.11	4.60	1.14	29.11	174	28	10.2	186	0	0	0	0	0	0	0	44	0	132	0	29	0
	LINCOLN AVE. AT MORSE AVE.	NE	1.5	7.78	7.78	2.10	0.52	18.33	129	12	4.7	129	0	0	0	0	0	0	0	18	0	241	0	43	0
	LINCOLN AVE. AT MORSE AVE.	SW	1.5	7.78	7.78	2.10	0.52	22.56	167	14	4.7	167	0	0	0	0	0	0	0	18	0	219	0	62	0
	LINCOLN AVE. AT MORSE AVE.	SE	1.5	10.00	10.00	4.00	1.00	32.44	216	36	8.9	253	0	0	0	0	0	0	0	38	0	108	0	18	0
12	LINCOLN AVE. AT KEELER AVE.	NW	1.5	5.56	5.56	2.10	0.52	10.67	60	10	4.7	60	0	0	0	0	0	0	0	18	0	130	0	30	0
	LINCOLN AVE. AT KEELER AVE.	NE	1.5	4.44	4.44	4.90	1.22	49.11	350	25	10.9	350	0	1	0	0	0	0	0	46	0		0		0
13	LINCOLN AVE. AT TRIPP AVE.	NW	1.5	7.11	7.11	1.70	0.42	14.00	98	10	3.8	98	0	0	0	0	0	0	0	14	0	136	0	26	0
	LINCOLN AVE. AT TRIPP AVE.	NE	1.5	8.89	8.89	4.60	1.14	34.78	225	9	10.2	225	0	0	0	0	0	0	0	44	0		0		0
14	LINCOLN AVE. AT KOSTNER AVE.	NW	1.5	0.00	0.00	3.40	0.85	17.00	95	15	7.6	29	0	0	0	0	0	0	0	29	0	125	0	29	0
	LINCOLN AVE. AT KOSTNER AVE.	NE	1.5	13.00	13.00	4.70	1.17	36.67	242	26	10.4	260	0	0	0	0	0	0	0	44	0	234	0	57	0
	LINCOLN AVE. AT KOSTNER AVE.	SE	1.5	11.11	11.11	2.10	0.52	20.78	151	10	4.7	151	0	0	0	0	0	0	0	18	0	135	0	36	0
	LINCOLN AVE. AT KOSTNER AVE.	SW	1.5	14.11	14.11	2.80	0.70	28.89	206	20	6.2	206	0	1	0	0	0	0	0	27	0	0	0	0	0

MODEL: SOQ03 [Sheet]
FILE NAME: c:\pw_work\pwidot\hassannd\d0903389\D108022-sht-SOQ.dgn

USER NAME = naveed.hassan	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 1/24/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
VARIOUS AT VARIOUS

SCALE: | SHEET 1 OF 2 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	5
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			

INTERSECTION NUMBER	LOCATION	ITEM NUMBER	20200100	21101615	25200110	40600290	40604060	42001300	42400200	42400800	44000157	44000600	44003100	60250200	60266600	60406000	60406100	60619600	X4400501	X4400501	78300202	78000400	78000600	78000650	72400500
		QUADRANT	EARTH EXCAVATION	TOPSOIL FURNISH AND PLACE, 4"	SODDING, SALT TOLERANT	BITUMINOUS MATERIALS (TACK COAT)	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	PROTECTIVE COAT	PCC CONCRETE SIDEWALK 5 INCH	DETECTABLE WARNINGS	HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH	SIDEWALK REMOVAL	MEDIAN REMOVAL	CATCH BASINS TO BE ADJUSTED	VALVE BOXES TO BE ADJUSTED	FRAMES AND LIDS, TYPE 1, OPEN LID	FRAMES AND LIDS, TYPE 1, CLOSED LID	CONCRETE MEDIAN, TYPE SB-6.12	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT LESS THAN OR EQUAL TO 10 FEET	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT GREATER THAN OR EQUAL TO 10 FEET	PAVEMENT MARKING REMOVAL - WATER BLASTING	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	RELOCATE SIGN PANEL ASSEMBLY - TYPE A
			CU YD	SQ YD	SQ YD	POUND	TON	SQ YD	SF	SF	SQ YD	SF	SQ FT	EACH	EACH	EACH	EACH	SQFT	LF	LF	SQ FT	LF	LF	LF	EACH
15	LINCOLN AVE. AT FITCH AVE.	SW	1.5	11.67	11.67	3.20	0.80	25.56	174	30	7.1	174	0	1	0	0	0	0	0	28	0	78	0	15	0
	LINCOLN AVE. AT FITCH AVE.	SE	1.5	3.33	3.33	1.80	0.45	7.44	35	10	4.0	35	0	0	0	0	0	0	0	16	0		0		0
16	LINCOLN AVE. AT CHASE AVE.	NW	1.5	13.33	13.33	4.40	1.10	32.78	211	55	9.8	211	0	0	0	0	0	0	0	42	0	163	0	22	0
	LINCOLN AVE. AT CHASE AVE.	NE	1.5	8.89	8.89	3.90	0.97	27.78	180	20	8.7	180	0	0	0	0	0	0	0	35	0		0		0
17	LINCOLN AVE. AT JARVIS AVE.	NW	1.5	11.78	11.78	2.00	0.50	18.00	124	8	4.4	124	0	0	0	0	0	0	0	19	0	167	0	20	0
	LINCOLN AVE. AT JARVIS AVE.	NE	1.5	11.11	11.11	1.70	0.42	23.44	181	12	3.8	181	0	0	1	0	0	0	0	15	0		0		0
18	LINCOLN AVE. AT LINDER AVE.	SE	1.5	7.78	7.78	1.60	0.40	24.00	188	16	3.6	188	0	0	1	0	0	0	0	14	0	104	0	19	0
	LINCOLN AVE. AT LINDER AVE.	SW	1.5	10.11	10.11	3.20	0.80	30.00	212	12	7.1	212	0	0	0	0	0	0	0	29	0		0		0
19	TOUHY AVE. AT ST. LOUIS AVE.	NE	1.5	2.50	2.50	0.00	0.00	0.00	0	16	0.0	0	0	0	0	0	0	0	0	0	0	42	0	21	0
	TOUHY AVE. AT ST. LOUIS AVE.	North ISLAND	1.5	10.00	10.00	2.70	0.67	25.89	181	34	6.0	181	0	0	0	0	0	0	0	26	0	109	0	28	0
	TOUHY AVE. AT ST. LOUIS AVE.	NW	1.5	4.30	4.30	1.80	0.45	8.56	43	21	4.0	43	0	0	0	0	0	0	0	17	0		0		0
	TOUHY AVE. AT ST. LOUIS AVE.	South ISLAND	1.5	14.00	14.00	1.40	0.35	40.78	181	31	3.1	181	0	0	0	0	0	0	0	93	0	122	0	33	0
20	TOUHY AVE. AT KILPATRICK AVE.	NE	1.5	7.33	7.33	1.10	0.27	20.67	166	12	2.4	166	0	0	0	0	0	0	10	0	0	112	0	0	0
	TOUHY AVE. AT KILPATRICK AVE.	SE	1.5	8.89	8.89	2.50	0.62	19.67	133	30	5.6	133	0	0	0	0	0	0	0	22	0		0	0	0
21	TOUHY AVE. AT KEATING AVE.	NW	1.5	8.89	8.89	1.20	0.30	13.67	105	10	2.7	105	0	0	0	0	0	0	0	9	0	0	0	10	0
	TOUHY AVE. AT KEATING AVE.	SW	1.5	5.56	5.56	1.00	0.25	13.22	99	12	2.2	119	0	0	0	0	0	0	10	0	0	0	0	0	0
22	TOUHY AVE. AT CICERO AVE.	NE	1.5	6.67	6.67	4.10	1.02	26.33	161	11	9.1	161	0	0	0	0	0	0	0	38	0	177	0	47	0
	TOUHY AVE. AT CICERO AVE.	NW	1.5	0.00	0.00	2.00	0.50	8.56	45	10	4.4	45	0	1	1	0	0	0	0	16	0	179	0	46	0
	TOUHY AVE. AT CICERO AVE.	SE	1.5	2.22	2.22	2.20	0.55	16.00	104	28	4.9	175	0	0	0	0	0	0	0	20	0	135	0	39	0
	TOUHY AVE. AT CICERO AVE.	SW ISLAND	1.5	0.00	0.00	2.80	0.70	18.56	111	31	6.2	111	0	0	0	0	0	0	0	28	0	156	0	33	0
	TOUHY AVE. AT CICERO AVE.	SW	1.5	6.67	6.67	1.00	0.25	8.78	61	10	2.2	61	0	0	0	0	0	0	9	0	0	44	0	22	0
23	SKOKIE BLVD. AT JARLATH ST.	NW	1.5	7.78	7.78	4.90	1.22	26.22	146	12	10.9	146	0	0	0	0	0	0	0	45	0	77	0	0	0
	SKOKIE BLVD. AT JARLATH ST.	SW	1.5	0.00	0.00	3.20	0.80	18.56	109	20	7.1	109	0	0	0	0	0	0	0	29	0		0	0	0
24	SKOKIE BLVD. AT CHASE AVE.	NW	1.5	5.56	5.56	4.10	1.02	23.56	140	12	9.1	140	0	0	0	0	0	0	0	36	0	66	0	17	0
	SKOKIE BLVD. AT CHASE AVE.	SW	1.5	5.56	5.56	4.00	1.00	20.67	114	12	8.9	114	0	0	0	0	0	0	0	36	0		0		0
25	SKOKIE BLVD. AT SHERWIN AVE.	NW	1.5	14.89	14.89	5.00	1.24	37.56	248	45	11.1	248	0	0	0	0	0	0	0	45	0	71	0	14	0
	SKOKIE BLVD. AT SHERWIN AVE.	SW	1.5	5.56	5.56	4.00	1.00	20.11	111	12	8.9	111	0	1	0	1	0	0	0	35	0				0
26	CENTRAL AVE. AT KIRK ST.	NE	1.5	11.33	11.33	3.20	0.80	20.89	130	10	7.1	176	0	1	0	0	0	0	0	29	0	75	0	15	0
	CENTRAL AVE. AT KIRK ST.	SE	1.5	11.67	11.67	3.50	0.87	20.33	121	10	7.8	166	0	0	0	0	0	0	0	31	0		0		0
27	PARKSIDE AVE. AT KEENEY ST.	NE	1.5	16.67	16.67	3.30	0.82	27.22	185	10	7.3	230	0	1	0	0	0	0	0	30	0	69	0	18	0
	PARKSIDE AVE. AT KEENEY ST.	SE	1.5	16.67	16.67	4.10	1.02	31.33	208	10	9.1	255	0	1	0	0	0	0	0	37	0		0		0
28	PARKSIDE AVE. AT MADISON ST.	NE	1.5	14.56	14.56	3.30	0.82	19.56	118	10	7.3	168	0	0	0	0	0	0	0	29	0	69	0	17	0
	PARKSIDE AVE. AT MADISON ST.	SE	1.5	18.60	18.60	3.60	0.90	20.33	119	10	8.0	170	0	0	0	0	0	0	0	32	0		0		0
29	IL-43 (WAUKEGAN RD.) AT OVERLOOK DR.	NE	1.5	12.22	12.22	0.00	0.00	25.11	176	33	0.0	176	0	0	0	0	0	0	0	25	0	117	0	29	0
	IL-43 (WAUKEGAN RD.) AT KRAFT CT.	NW	1.5	5.56	5.56	0.00	0.00	7.33	42	10	0.0	42	0	0	1	0	0	0	0	12	0	158	0	43	0
	IL-43 (WAUKEGAN RD.) AT OVERLOOK DR.	SE	1.5	12.22	12.22	0.00	0.00	72.89	570	37	0.0	570	0	1	0	0	0	0	0	43	0	154	0	36	0
	IL-43 (WAUKEGAN RD.) AT KRAFT CT.	SW	1.5	15.44	15.44	0.00	0.00	28.89	168	19	0.0	168	0	0	2	0	0	0	0	46	0	141	0	28	0
30	US-14 (DEMPSTER ST.) AT SAYRE AVE.	NE	1.5	10.25	10.25	3.60	0.90	26.44	176	12	8.0	176	0	1	1	0	0	0	0	31	0	85	0	15	0
	US-14 (DEMPSTER ST.) AT SAYRE AVE.	NW	1.5	13.25	13.25	4.40	1.10	39.78	278	13	9.8	278	0	1	0	0	0	0	0	40	0		0		0
31	US 14 (DEMPSTER ST.) AT NATIONAL AVE.	NE	1.5	12.25	12.25	4.50	1.12	33.44	221	19	10.0	221	0	1	1	0	0	0	0	40	0	85	0	15	0
	US-14 (DEMPSTER ST.) AT NATIONAL AVE.	NW	1.5	5.67	5.67	3.20	0.80	25.33	172	10	7.1	172	0	1	1	0	0	0	0	28	0		0		1
32	US-14 (DEMPSTER ST.) AT BELLEFORTE AVE.	NE	1.5	12.44	12.44	4.50	1.12	35.78	240	12	10.0	240	0	1	0	0	0	0	0	41	0	90	0	17	0
	US-14 (DEMPSTER ST.) AT BELLEFORTE AVE.	NW	1.5	14.00	14.00	4.50	1.12	38.00	260	12	10.0	260	0	1	1	0	0	0	0	41	0		0		0
33	US-14 (DEMPSTER ST.) AT SHERMER RD.	NE	1.5	4.44	4.44	3.20	0.80	15.67	85	14	7.1	85	0	0	0	0	0	0	0	28	0	195	0	49	0
	US-14 (DEMPSTER ST.) AT SHERMER RD.	NW	1.5	6.67	6.67	4.60	1.14	37.22	255	17	10.2	255	0	0	0	0	0	1	0	40	0	101	0	21	0
	US-14 (DEMPSTER ST.) AT SHERMER RD.	SE	1.5	9.44	9.44	3.40	0.85	46.00	352	14	7.6	352	0	1	0	0	0	0	0	31	0	140	0	36	0
	US-14 (DEMPSTER ST.) AT SHERMER RD.	SW	1.5	2.00	2.00	6.50	1.62	41.22	249	33	14.4	330	0	1	0	0	0	0	0	61	0	184	0	48	0
34	TOUHY AVE. AT MEADE AVE.	NE	1.5	1.11	1.11	3.80	0.95	25.78	162	18	8.4	162	0	0	0	0	0	0	0	35	0	0	80	16	0
	TOUHY AVE. AT MEADE AVE.	NW	1.5	1.00	1.00	3.80	0.95	24.44	152	20	8.4	152	0	0	0	0	0	0	0	34	0	0		0	0
	TOUHY AVE. AT MEADE AVE.	SW	1.5	1.78	1.78	0.00	0.00	25.56	230	10	0.0	230	0	0	0	0	0	0	0	0	0	0	136	34	0
TOTAL			**133.5**	**1171.09**	**1171.09**	**260.00**	**64.71**	**2173.33**	**14468**	**1592.5**	**577.8**	**15189.5**	**56**	**19**	**11**	**1**	**1**	**19**	**48**	**2498**	**893**	**7046**	**216**	**1591.1**	**1**

MODEL: SOQ04 [Sheet]
FILE NAME: c:\pw_work\pw\dot\hassannt\d0605385\D108022-sht-SOQ.dgn

USER NAME = naveed.hassan	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 1/24/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES
VARIOUS AT VARIOUS

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

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	6
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			

LOCATION NO. 12
LINCOLN AVE. AT KEELER AVE.

LOCATION NO. 13
LINCOLN AVE. AT TRIPP AVE.

LOCATION NO. 14
LINCOLN AVE. AT KOSTNER AVE.

LOCATION NO. 11
LINCOLN AVE. AT MORSE AVE.

LOCATION NO. 5
LINCOLN AVE. AT AVERS AVE.

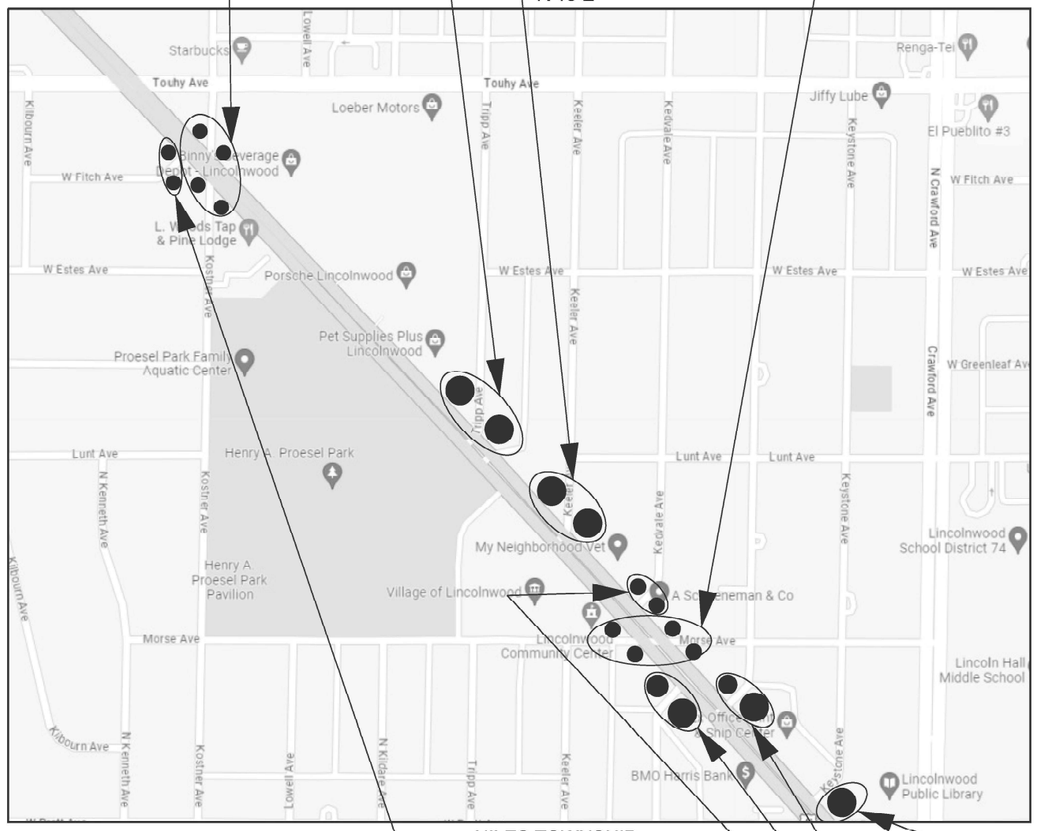
LOCATION NO. 6
LINCOLN AVE. AT HARDING AVE.

LOCATION NO. 7
LINCOLN AVE. AT PRATT AVE.

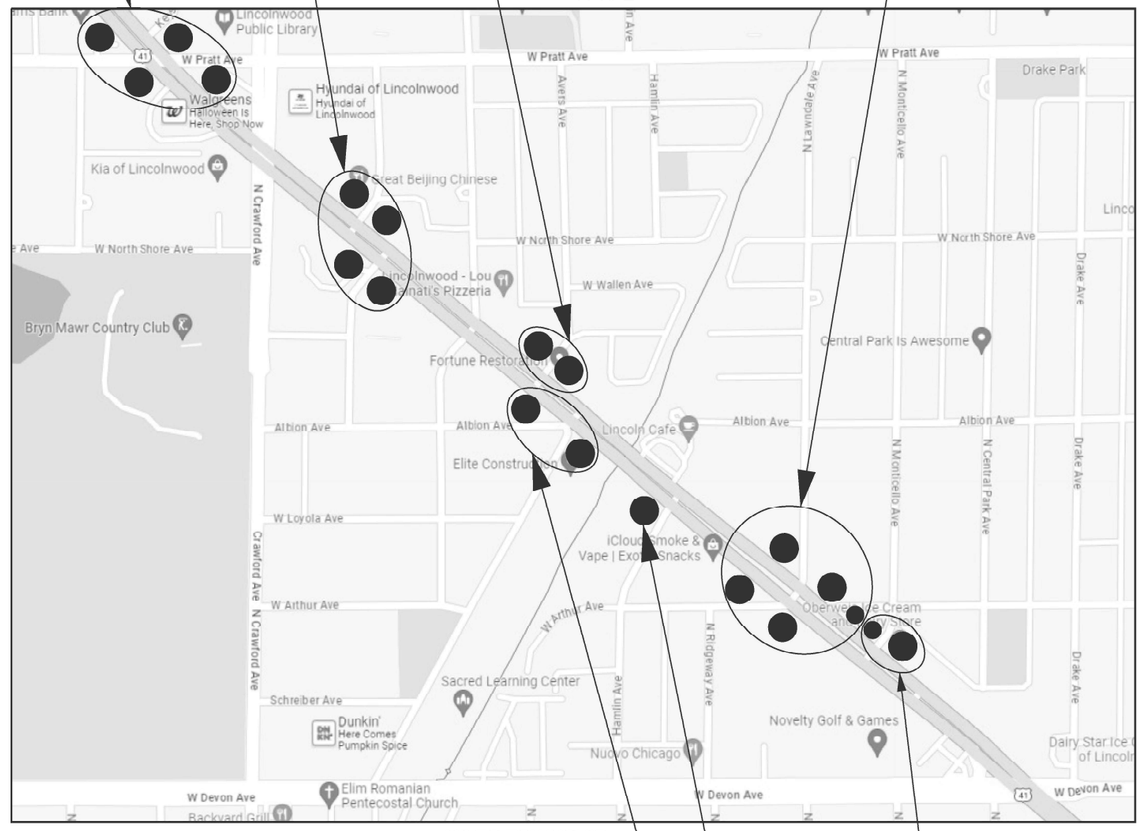
LOCATION NO. 2
LINCOLN AVE. AT ARTHUR AVE. & LAWNDALE AVE.

R 13 E

T 41 N



NILES TOWNSHIP



NILES TOWNSHIP

LOCATION NO. 15
LINCOLN AVE. AT FITCH AVE.

LOCATION NO. 9
LINCOLN AVE. AT KARLOV AVE.

LOCATION NO. 8
LINCOLN AVE. AT KEYSTONE AVE.

LOCATION NO. 10
LINCOLN AVE. AT KEDVALE AVE.

LOCATION NO. 1
LINCOLN AVE. AT MONTICELLO AVE.

LOCATION NO. 3
LINCOLN AVE. AT HAMLIN AVE.

LOCATION NO. 4
LINCOLN AVE. AT ALBION & PROESEL AVE.

TRAFFIC DATA

LINCOLN AVE.
ADT (2021) = 24300
SPEED LIMIT = 35 MPH

IL-50 (CICERO AVE.)
ADT (2021) = 18400
SPEED LIMIT = 40

PARKSIDE AVE.
ADT (NA) = NA
SPEED LIMIT = 25 MPH

US-14 (DEMPSTER ST.)
ADT (2021) = 1425
SPEED LIMIT = 35 MPH

TOUHY AVE.
ADT (2022) = 34300
SPEED LIMIT = 30 MPH

CENTRAL AVE.
ADT (NA) = NA
SPEED LIMIT = 25 MPH

IL-43 (WAUKEGAN RD.)
ADT (2021) = 19800
SPEED LIMIT = 35 MPH

MODEL: Lincoln Ave. [Sheet]
FILE NAME: c:\pw_work\pw\dothassannl\d0603389\D108022-sht-Locationmaps.dgn

USER NAME = naveed.hassan	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 1/24/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION MAP
VARIOUS AT VARIOUS

SCALE: Full Size 1 = 1 | SHEET 1 OF 3 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	7
		CONTRACT NO. 62R02		
	ILLINOIS	FED. AID PROJECT		

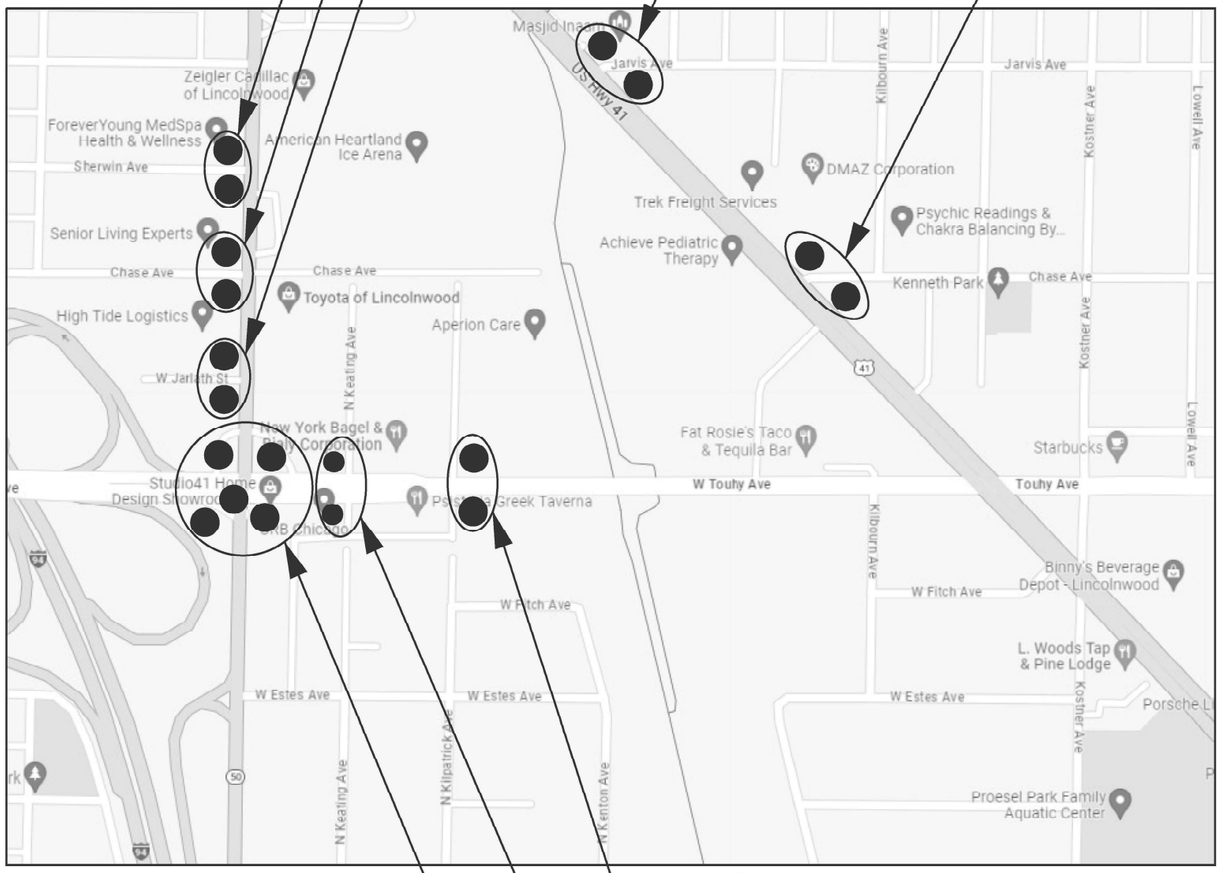
LOCATION NO. 25
SKOKIE BLVD. AT SHERWIN AVE.

LOCATION NO. 24
SKOKIE BLVD. AT CHASE AVE.

LOCATION NO. 23
SKOKIE BLVD. AT JARLATH ST.

LOCATION NO. 17
LINCOLN AVE. AT JARVIS AVE.

LOCATION NO. 16
LINCOLN AVE. AT CHASE AVE.



NILES TOWNSHIP

LOCATION NO. 20
TOUHY AVE. AT KILPATRICK AVE.

LOCATION NO. 21
TOUHY AVE. AT KEATING AVE.

LOCATION NO. 22
TOUHY AVE. AT CICERO AVE.

TRAFFIC DATA

LINCOLN AVE.
ADT (2021) = 24300
SPEED LIMIT = 35 MPH

TOUHY AVE.
ADT (2022) = 34300
SPEED LIMIT = 30 MPH

PARKSIDE AVE.
ADT (NA) = NA
SPEED LIMIT = 25 MPH

IL-43 (WAUKEGAN RD.)
ADT (2021) = 19800
SPEED LIMIT = 35 MPH

IL-50 (CICERO AVE.)
ADT (2021) = 18400
SPEED LIMIT = 40

CENTRAL AVE.
ADT (NA) = NA
SPEED LIMIT = 25 MPH

US-14 (DEMPSTER ST.)
ADT (2021) = 1425
SPEED LIMIT = 35 MPH

LOCATION NO. 18
LINCOLN AVE. AT LINDER AVE.



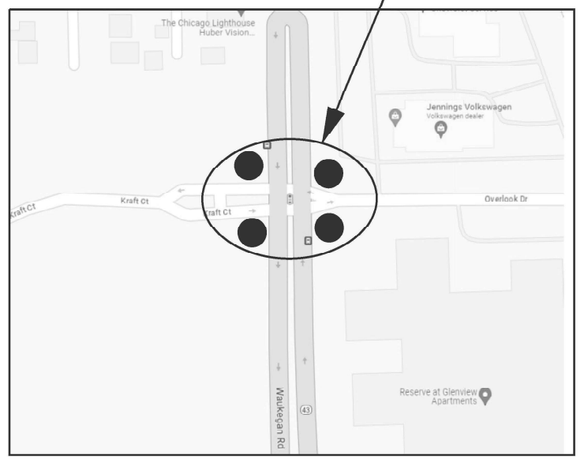
NILES TOWNSHIP

LOCATION NO. 19
TOUHY AVE. AT ST. LOUIS AVE.



NILES TOWNSHIP

LOCATION NO. 29
IL-43 (WAUKEGAN RD.) AT OVERLOOK DR. & KRAFT CT.



NILES TOWNSHIP

MODEL: Touhy Lincoln-1 [Sheet]
FILE NAME: c:\pw_work\pw\dothassamn\d0505385\D1008022-sht-Locationmaps.dgn

USER NAME = naveed.hassan	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 1/24/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION MAP
VARIOUS AT VARIOUS

SCALE: Full Size 1 = 1 | SHEET 2 OF 3 SHEETS | STA. | TO STA.

F.A. * RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	8
		CONTRACT NO. 62R02		
		ILLINOIS	FED. AID PROJECT	

LOCATION NO. 28
PARKSIDE AVE. AT MADISON ST.

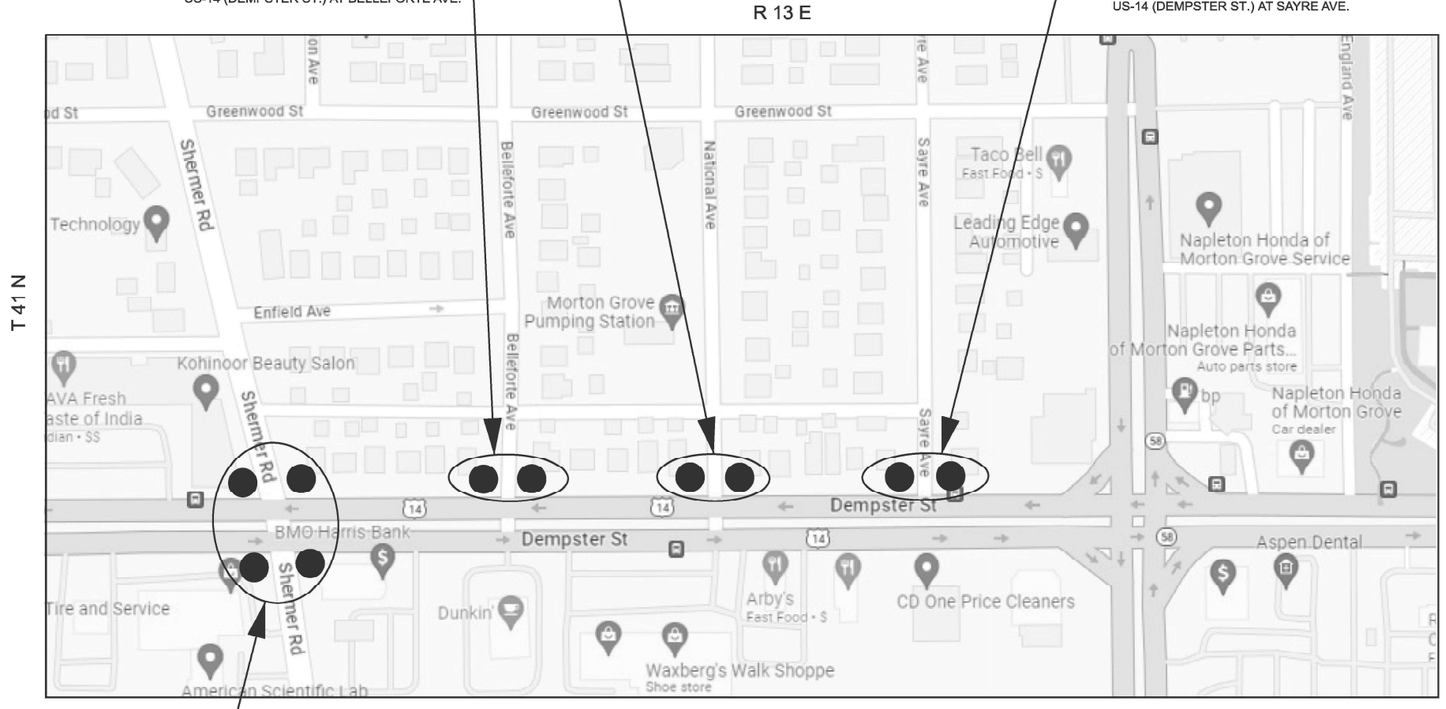


NILES TOWNSHIP

LOCATION NO. 31
US-14 (DEMPSTER ST.) AT NATIONAL AVE.

LOCATION NO. 32
US-14 (DEMPSTER ST.) AT BELLEFORTE AVE.

LOCATION NO. 30
US-14 (DEMPSTER ST.) AT SAYRE AVE.



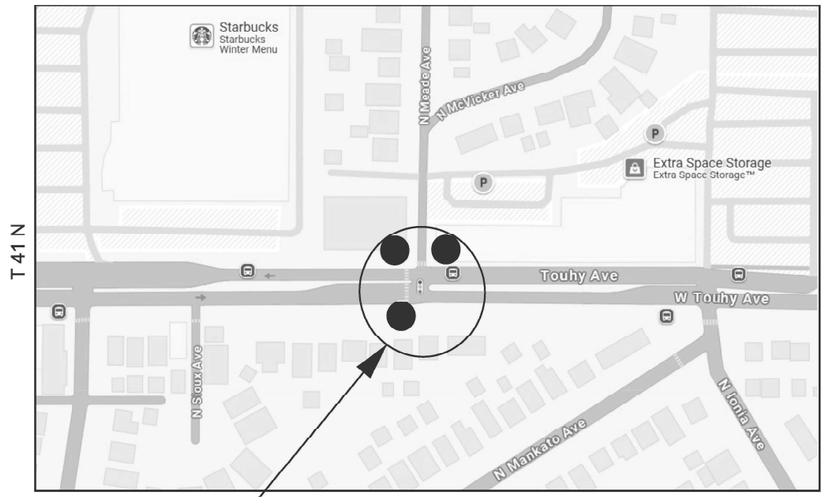
NILES TOWNSHIP

LOCATION NO. 33
US-14 (DEMPSTER ST.) AT SHERMER RD.

LOCATION NO. 27
PARKSIDE AVE. AT KEENEY ST.

LOCATION NO. 26
CENTRAL AVE. AT KIRK ST.

R 13 E



LOCATION NO. 34
TOUHY AVE. AT MEADE AVE.

CHICAGO CITY

TRAFFIC DATA

LINCOLN AVE.
ADT (2021) = 24300
SPEED LIMIT = 35 MPH

IL-50 (CICERO AVE.)
ADT (2021) = 18400
SPEED LIMIT = 40

PARKSIDE AVE.
ADT (NA) = NA
SPEED LIMIT = 25 MPH

US-14 (DEMPSTER ST.)
ADT (2021) = 1425
SPEED LIMIT = 35 MPH

TOUHY AVE.
ADT (2022) = 34300
SPEED LIMIT = 30 MPH

CENTRAL AVE.
ADT (NA) = NA
SPEED LIMIT = 25 MPH

IL-43 (WAUKEGAN RD.)
ADT (2021) = 19800
SPEED LIMIT = 35 MPH

MODEL: Dempster and Parkside [Sheet]
FILE NAME: c:\pw_work\pwidot\vassamn\d0505388\D108022-sht-Locationmaps.dgn

USER NAME = naveed.hassan	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 1/24/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

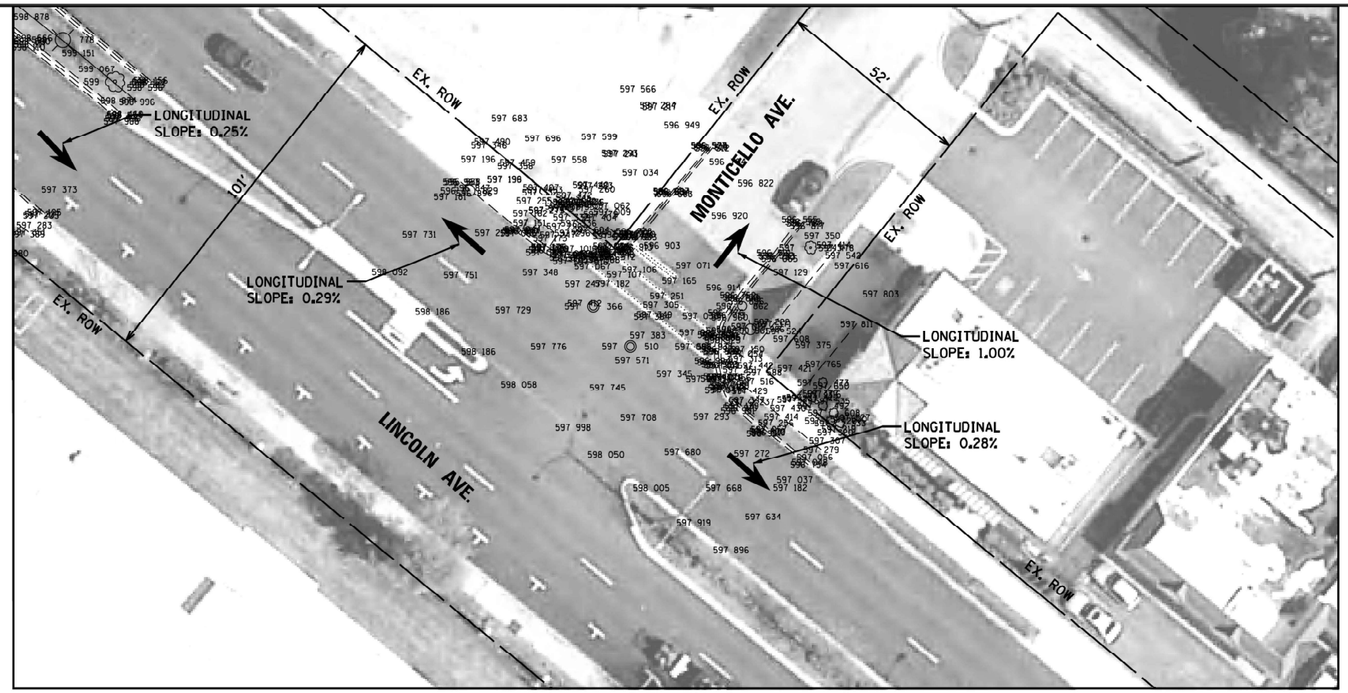
LOCATION MAP
VARIOUS AT VARIOUS

SCALE: Full Size 1 = 1 | SHEET 3 OF 3 SHEETS | STA. | TO STA.

F.A. * RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	9
		CONTRACT NO. 62R02		
	ILLINOIS	FED. AID PROJECT		



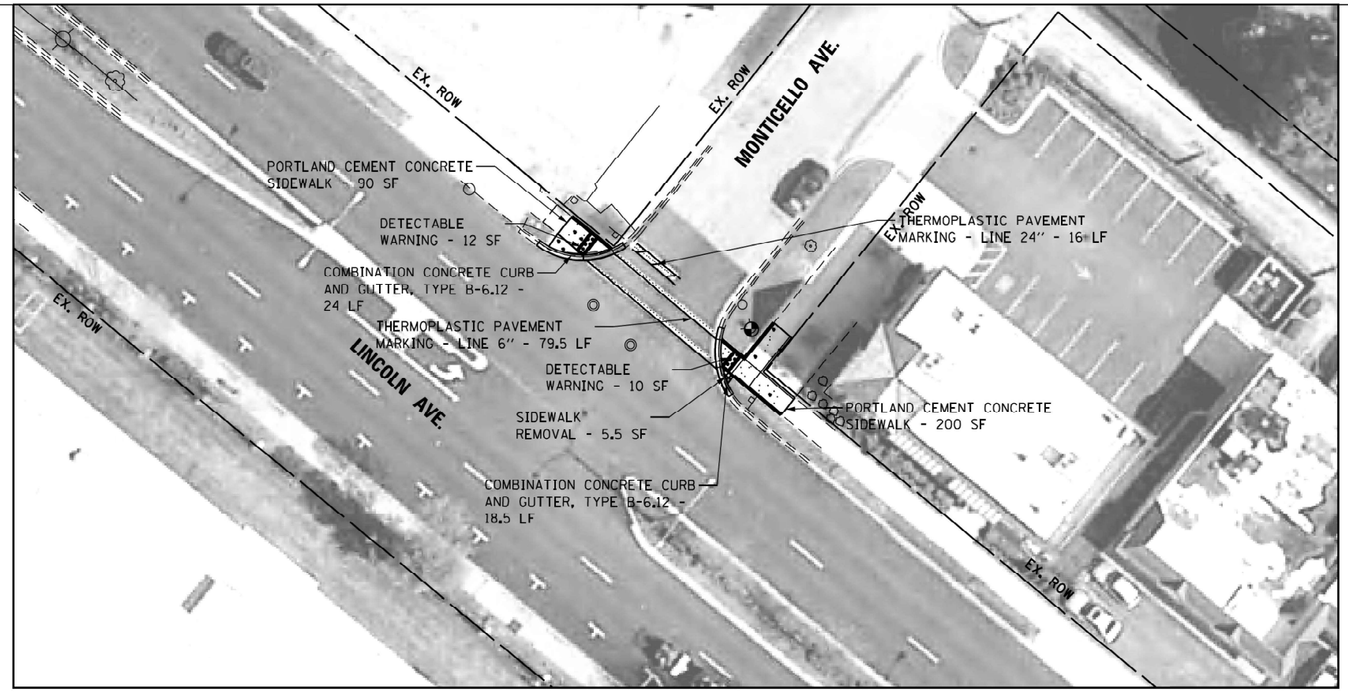
NORTHWEST CORNER



EXISTING



NORTHEAST CORNER



PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- REMOVE AND REPLACE SIDEWALK
- 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.

MODEL: Monticello Ave. [Sheet]
FILE NAME: c:\pw_work\pwidot\hassanm\d0905386\D1080122-sht-plan.dgn

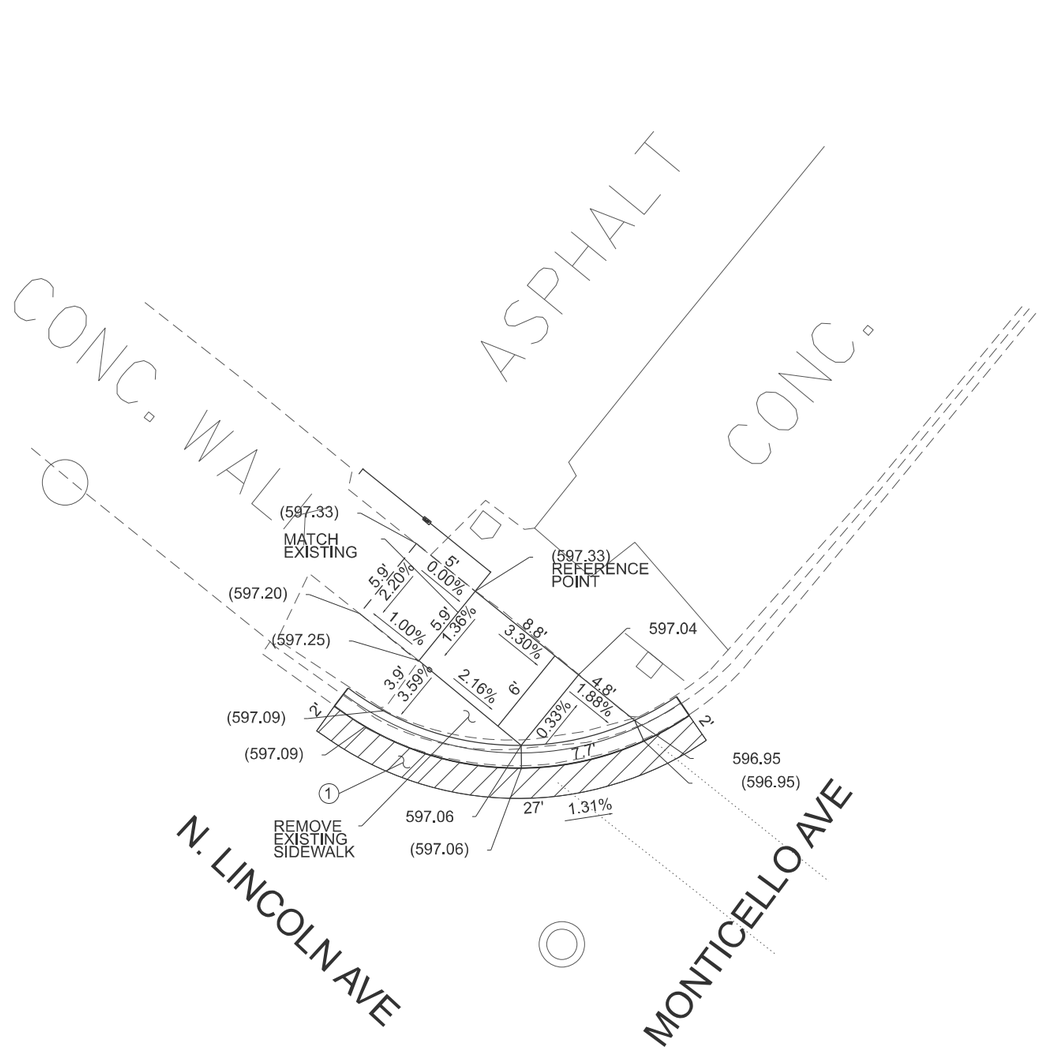
USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

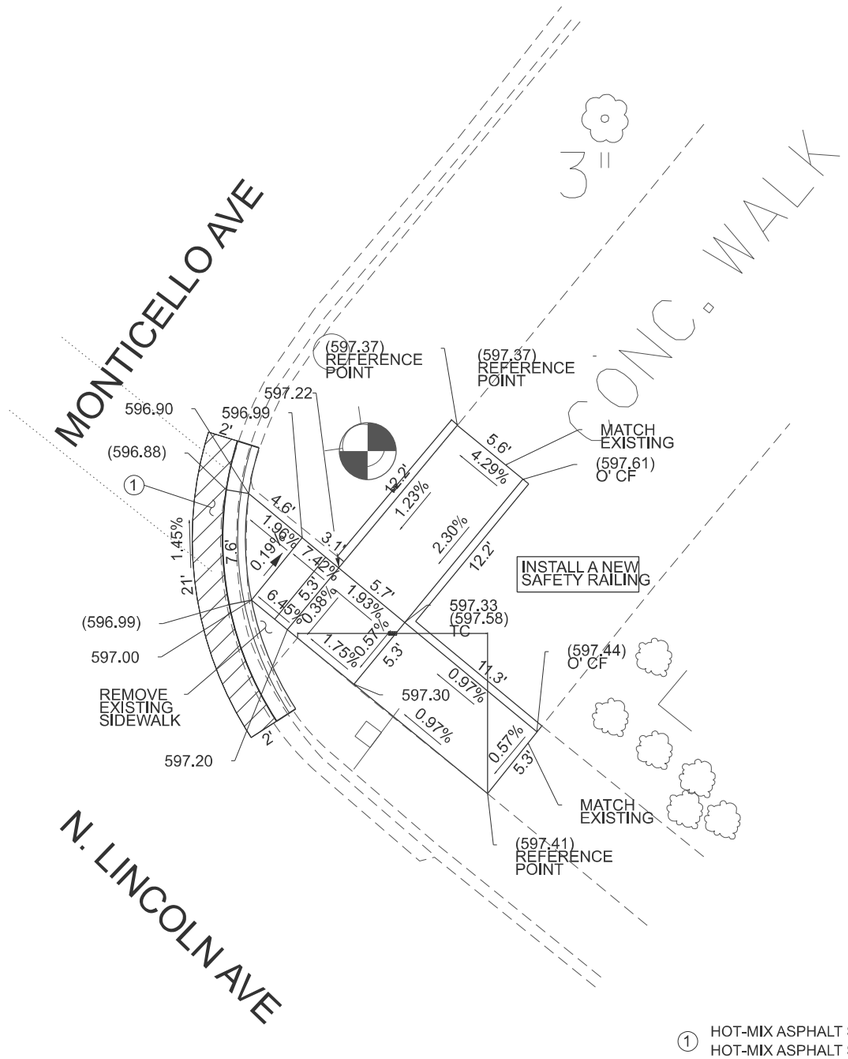
CURB RAMP PLANS
U.S. ROUTE 41 (N. LINCOLN AVE.) & MONTICELLO AVE.

SCALE: Full Size 1 = 1 | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	10
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			



① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50



① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70

REFERENCE BENCHMARK ELEVATION: 599.561

BENCHMARK: TOP CENTER BOLT OF FIRE HYDRANT

LOCATION: SOUTH EAST QUADRANT OF LINCOLN AVE. & MONTICELLO AVE.

LEGEND

- EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
U.S. ROUTE 41 (N. LINCOLN AVE.) & MONTICELLO AVE.

SCALE: | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	11
		CONTRACT NO. 62R02		
	ILLINOIS	FED. AID PROJECT		

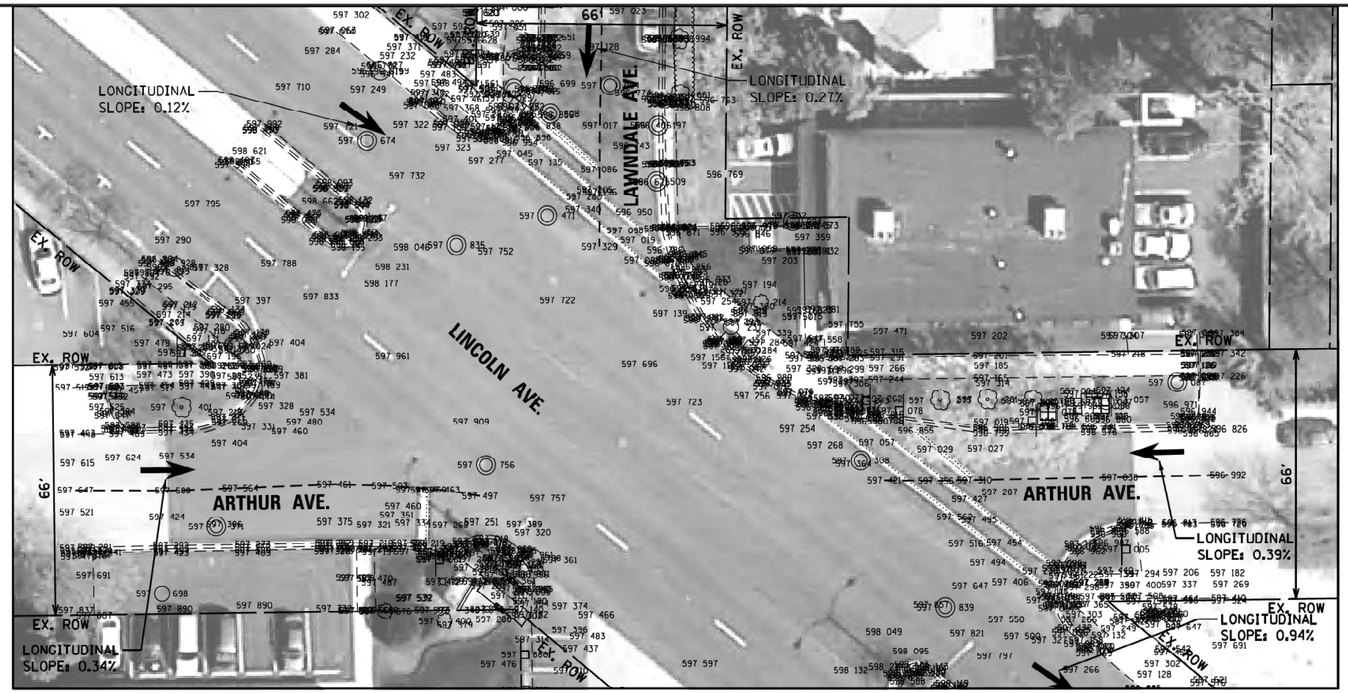
MODEL: Monticello Ave. NW-1 [Sheet]
FILE NAME: c:\pw_work\pwdot\hassannd\d0905386\D108022-sht-ADA-01.dgn



ARTHUR AVE. NORTHWEST CORNER



ARTHUR AVE. SOUTHWEST CORNER





LAWNDALE AVE. NORTHWEST CORNER



LAWNDALE AVE. NORTHEAST CORNER

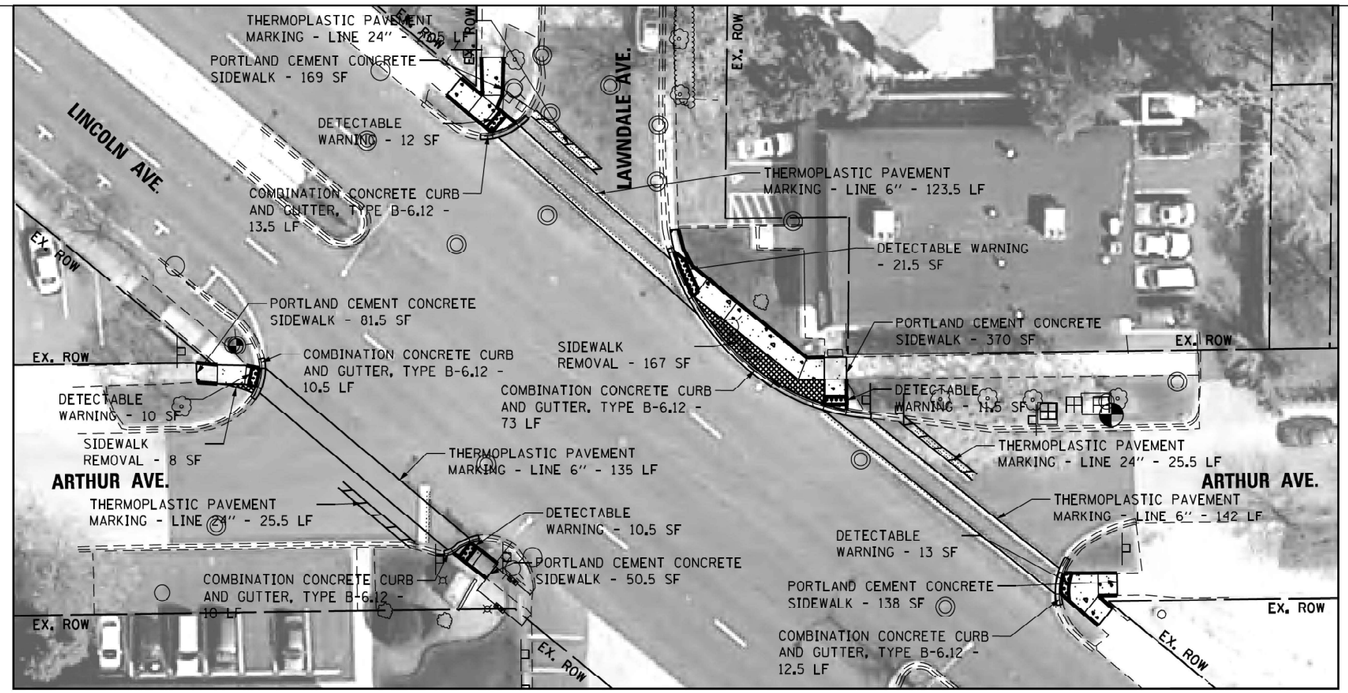


ARTHUR AVE. NORTHEAST CORNER



ARTHUR AVE. SOUTHEAST CORNER

EXISTING



PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- REMOVE AND REPLACE SIDEWALK
- 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.

MODEL: Arthur Ave [Sheet]
FILE NAME: c:\pw_work\pwidot\hassann\d0905386\D108022-sht-plan.dgn

USER NAME = naveed.hassan	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 1/24/2025	DATE -	REVISED -	

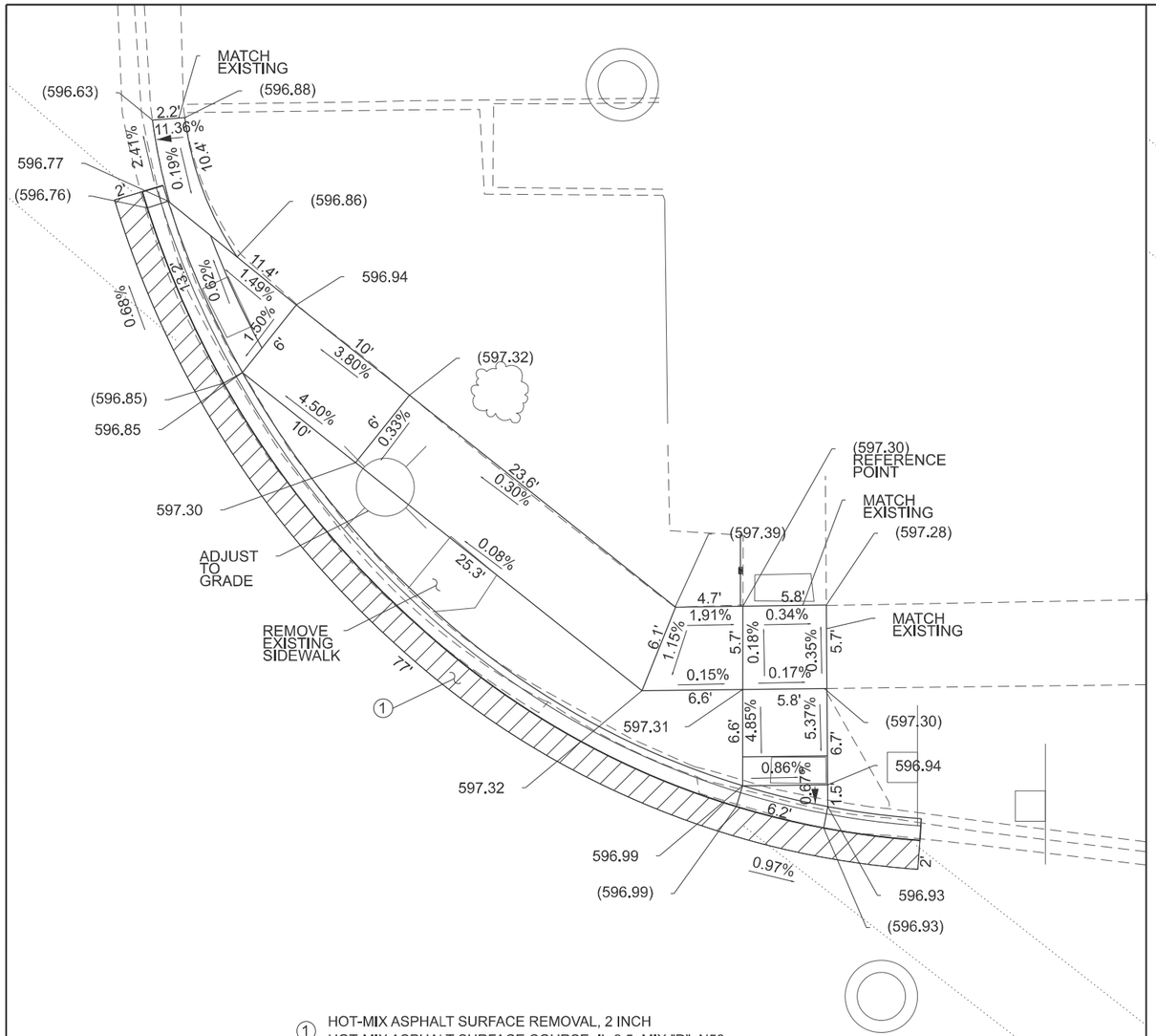
CURB RAMP PLANS
U.S. ROUTE 41 (N. LINCOLN AVE.) & ARTHUR AVE.

SCALE: Full Size 1 = 1 | SHEET OF 86 SHEETS | STA. TO STA.

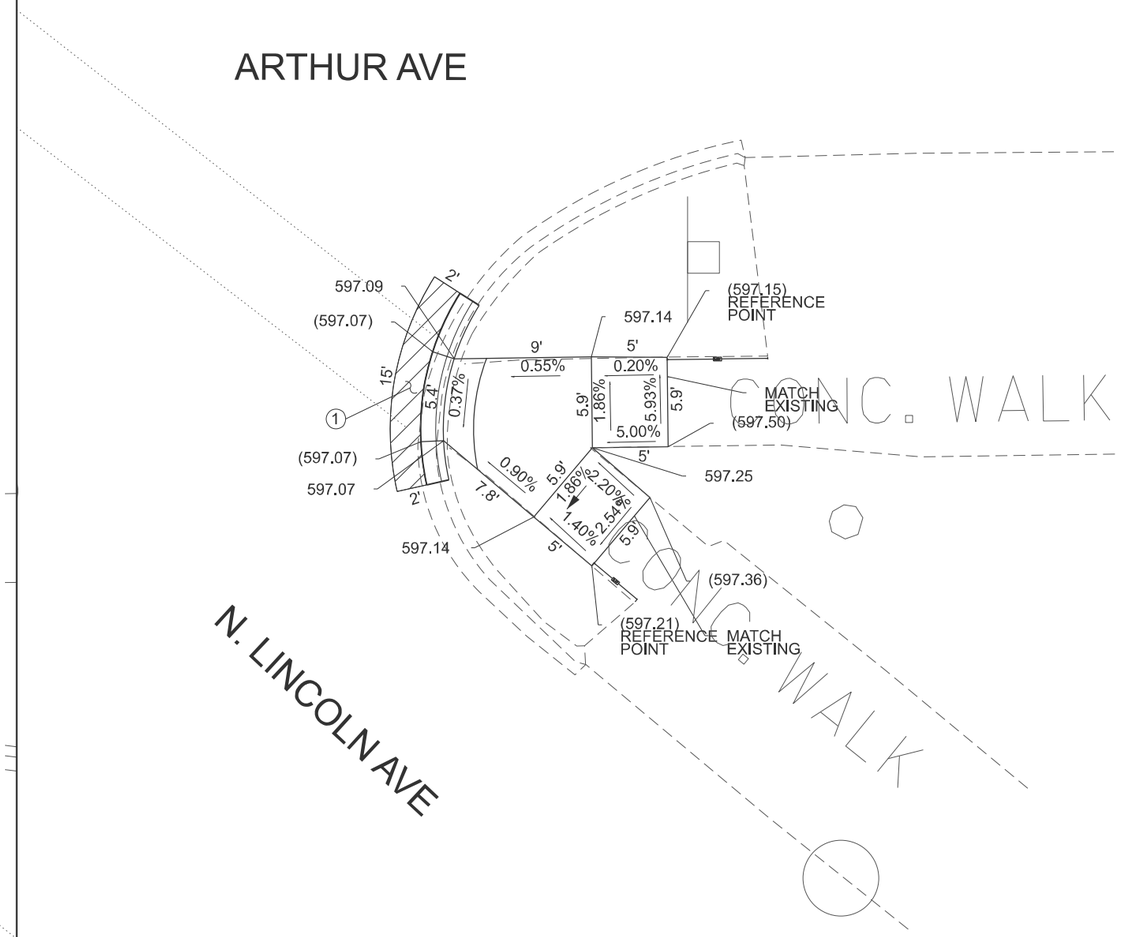
F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	12

CONTRACT NO. 62R02

ILLINOIS | FED. AID PROJECT



① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50



① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50

REFERENCE BENCHMARK ELEVATION: 597.106

BENCHMARK: SET CUT SQUARE IN SOUTHEASTERLY QUADRANT OF CONCRETE PAD FOR ATT VAULT

LOCATION: APPX 50' SOUTHEAST OF LINCOLN AVE. & ARTHUR AVE.

LEGEND

- EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

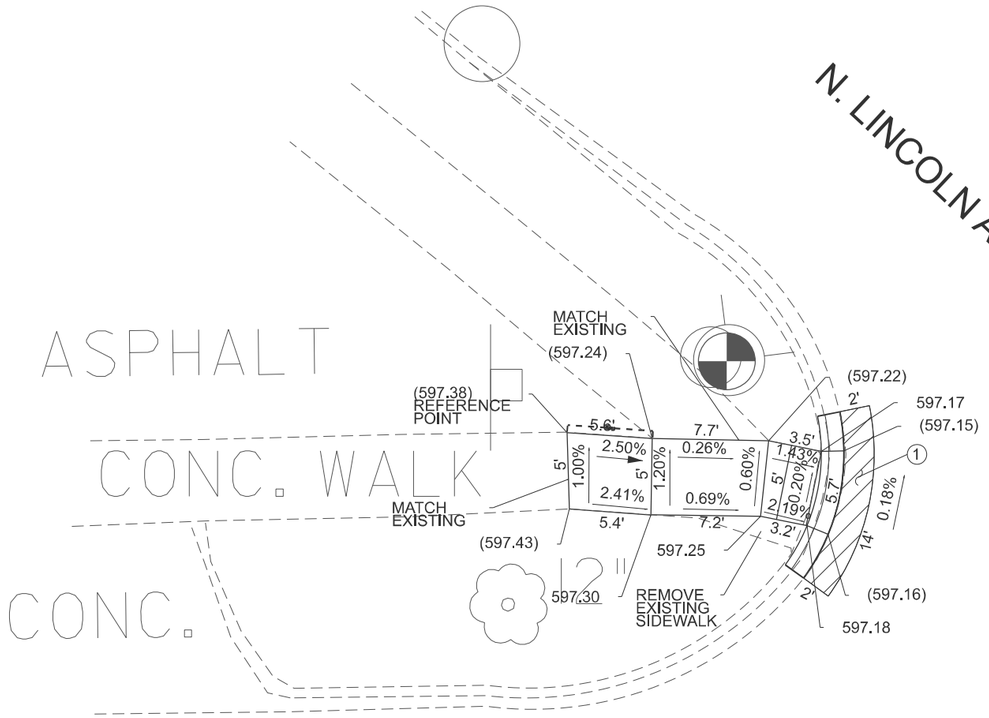
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
U.S. ROUTE 41 (N. LINCOLN AVE.) & ARTHUR AVE.

SCALE: | SHEET OF 86 SHEETS | STA. | TO STA.

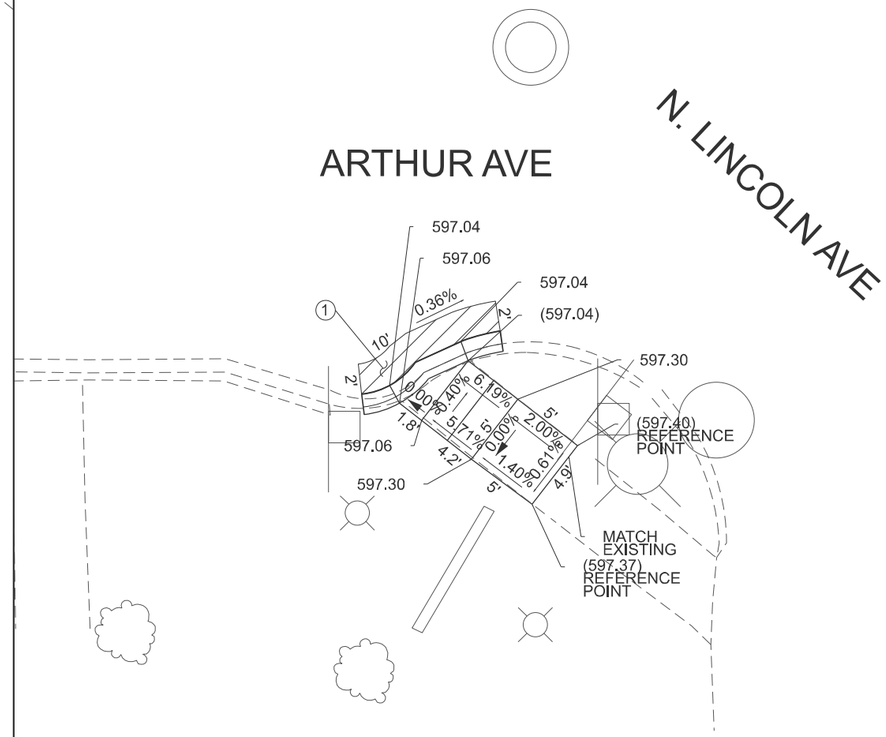
F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	13
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			

MODEL: Arthur Ave. NE [Sheet]
FILE NAME: c:\pw_work\pwdot\hassannd\d0905386\D108022-sht-ADA-01.dgn



ARTHUR AVE

① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70



① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70

REFERENCE BENCHMARK ELEVATION: 597.106

BENCHMARK: SET CUT SQUARE IN SOUTHEASTERLY QUADRANT OF CONCRETE PAD FOR ATT VAULT

LOCATION: APPX 50' SOUTHEAST OF LINCOLN AVE. & ARTHUR AVE.

LEGEND

- EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

USER NAME = naveed.hassan	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 1/24/2025	DATE -	REVISED -	

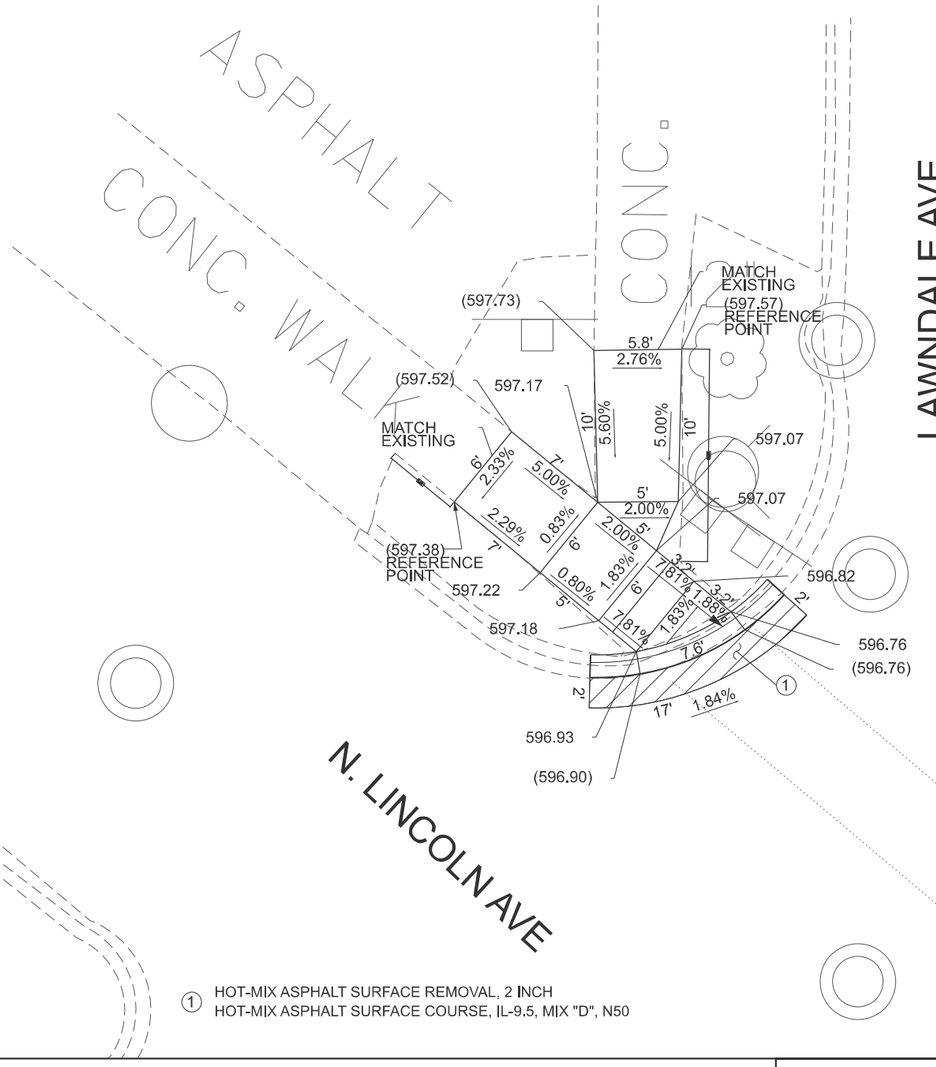
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
U.S. ROUTE 41 (N. LINCOLN AVE.) & ARTHUR AVE.

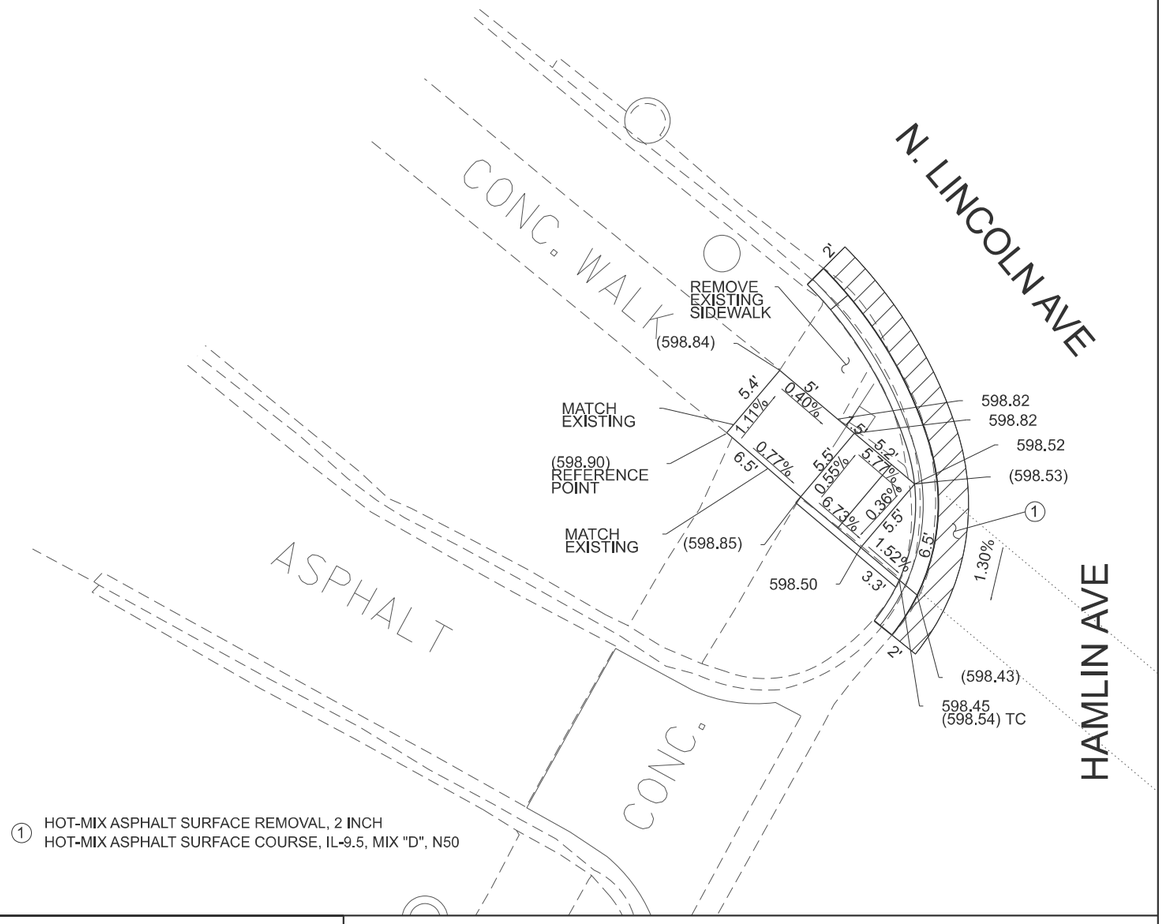
SCALE: | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	14
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			

MODEL: Arthur Ave. NW [Sheet]
FILE NAME: c:\pw_work\pwdot\hassannd\d0905386\D108022-sht-ADA-01.dgn



1 HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50



1 HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50

REFERENCE BENCHMARK ELEVATION: 599.669
BENCHMARK: "X" MARK AT TOP CENTER BOLT OF FIRE HYDRANT
LOCATION: NORTHWAST QUADRANT OF LINCOLN AVE. & ARTHUR AVE.

LEGEND

- EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEVATION: 599.669
BENCHMARK: "X" MARK AT TOP CENTER BOLT OF FIRE HYDRANT
LOCATION: NORTHWAST QUADRANT OF LINCOLN AVE. & ARTHUR AVE.

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
U.S. ROUTE 41 (N. LINCOLN AVE.) & LAWNDALE / HAMLIN AVE.

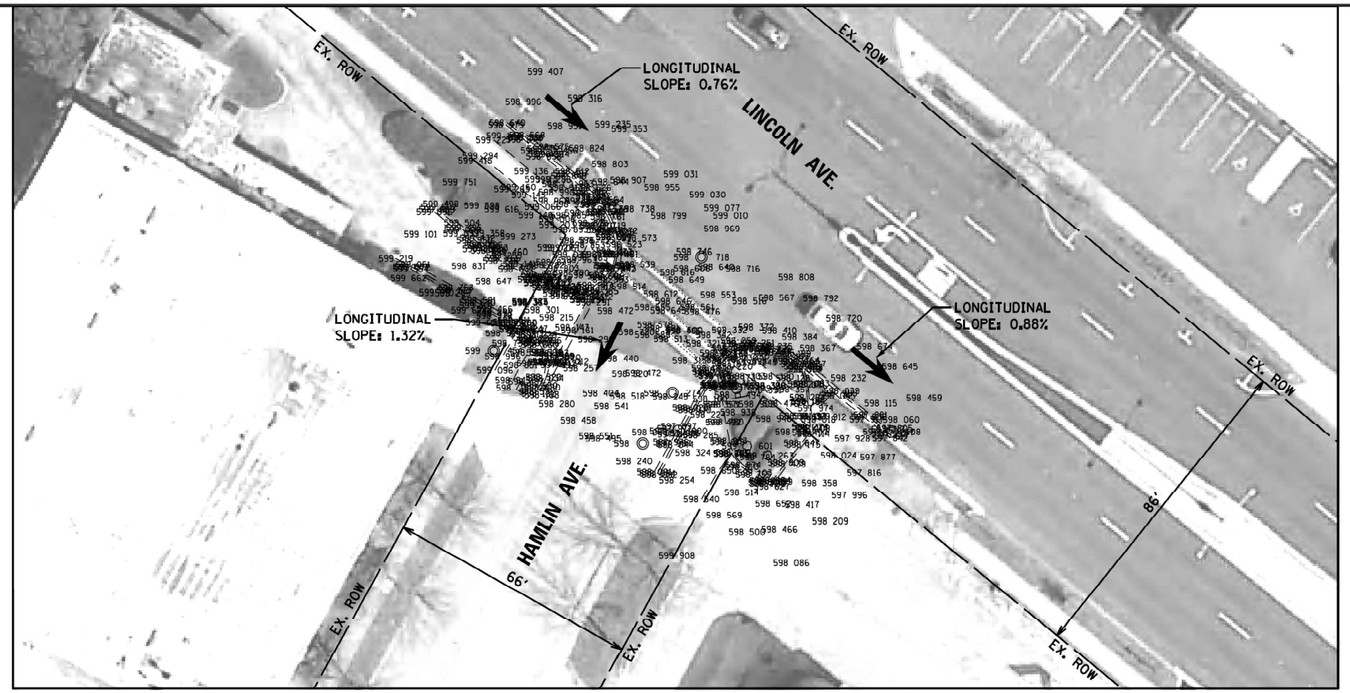
SCALE: | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	15
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			

MODEL: Lawndale Ave, NE [Sheet]
FILE NAME: c:\pw_work\pwidot\hassannt\d0905386\D1080222-sht-ADA-01.dgn



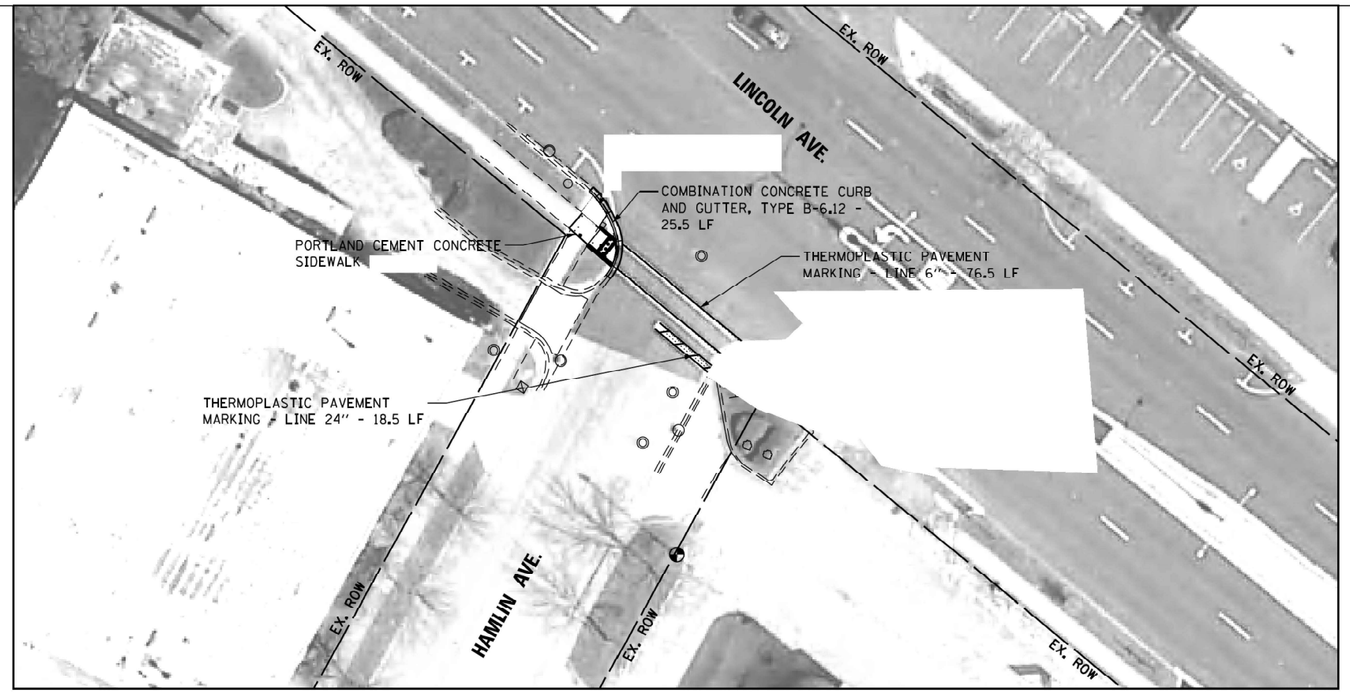
SOUTHWEST CORNER



EXISTING



SOUTHEAST CORNER



PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- REMOVE AND REPLACE SIDEWALK
- 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.

MODEL: Hamlin Ave. [Street]
FILE NAME: c:\pw_work\pwidot\hassamn\d0905386\D1068122-sht-plan.dgn

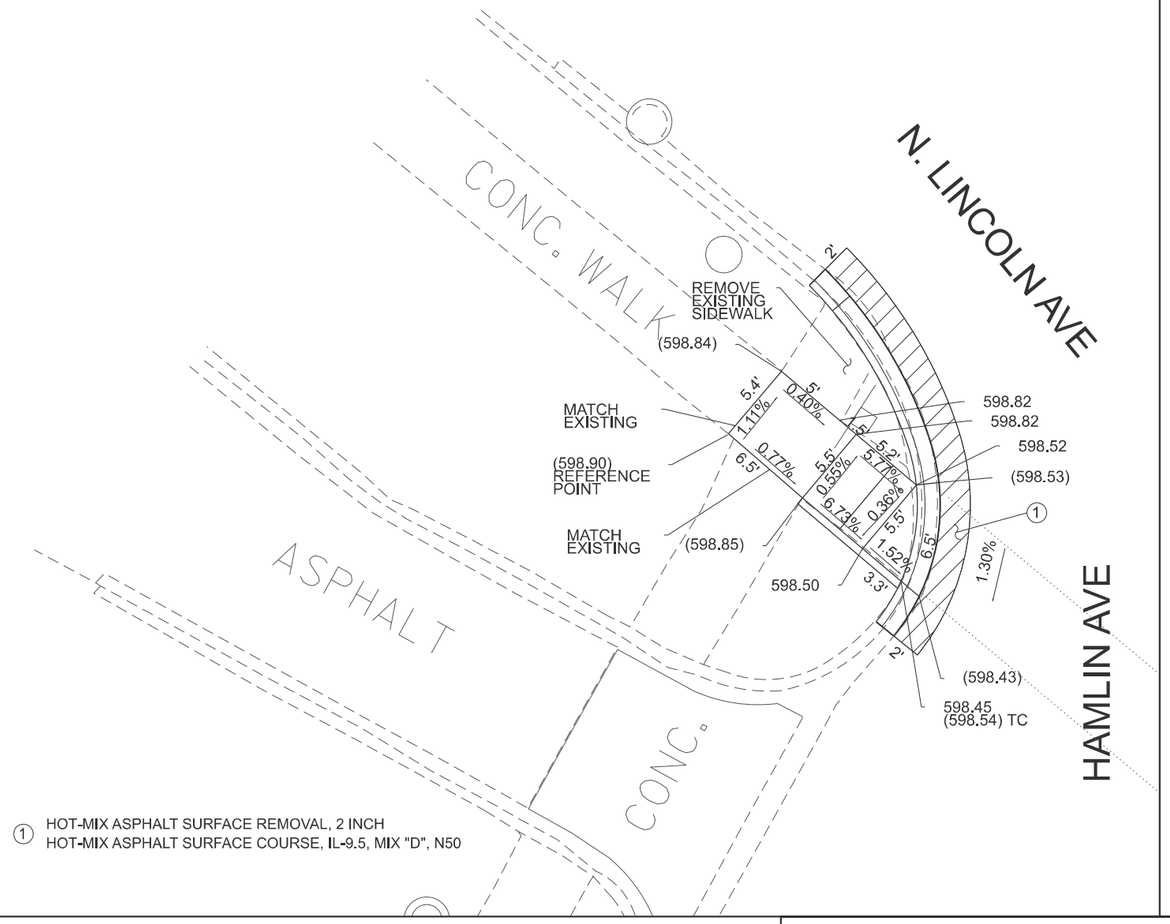
USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP PLANS
U.S. ROUTE 41 (N. LINCOLN AVE.) & HAMLIN AVE.

SCALE: Full Size 1 = 1 | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	16
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			



REFERENCE BENCHMARK ELEVATION: 599.669

BENCHMARK: "X" MARK AT TOP CENTER BOLT OF FIRE HYDRANT

LOCATION: NORTHWAST QUADRANT OF LINCOLN AVE. & ARTHUR AVE.

LEGEND

- EXISTING LENGTH
- PROPOSED SIDE CURB
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
U.S. ROUTE 41 (N. LINCOLN AVE.) & HAMLIN AVE.

SCALE: | SHEET OF 86 SHEETS | STA. 0+00.00 | TO STA. 0+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	17
		CONTRACT NO. 62R02		
	ILLINOIS	FED. AID PROJECT		

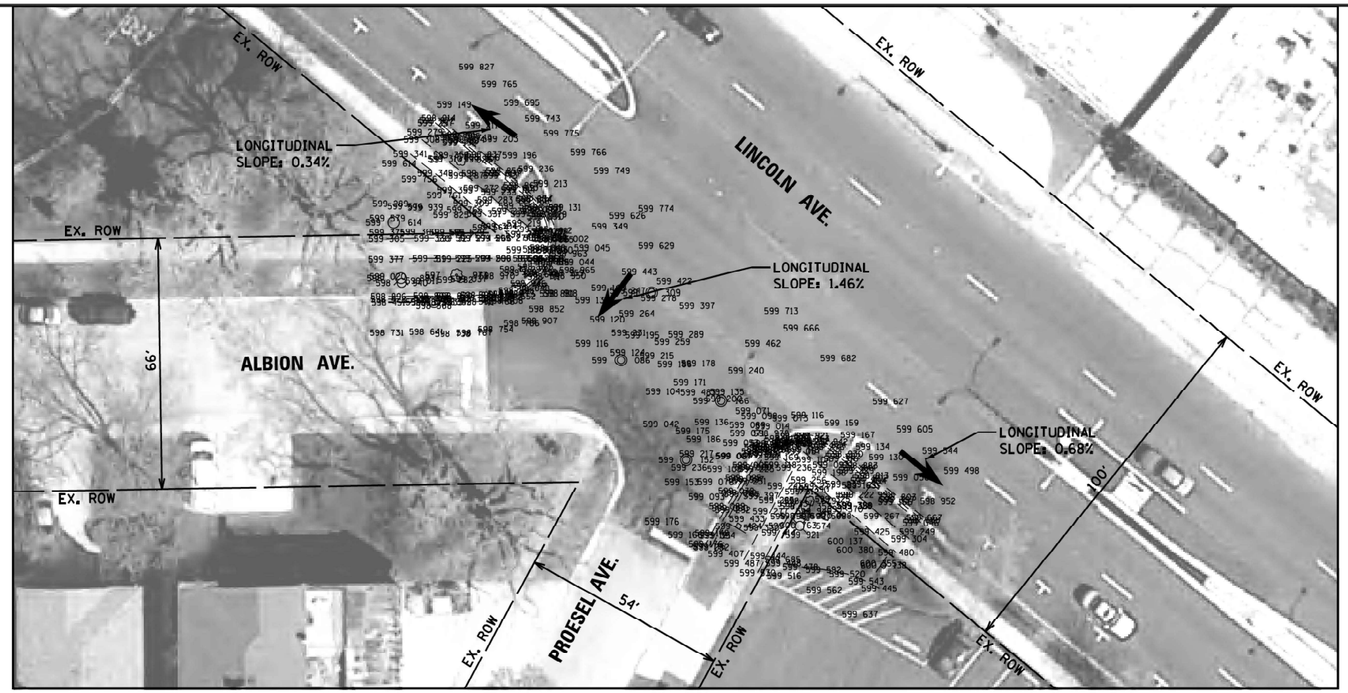
MODEL: Hamlin Ave. [Sheet]
FILE NAME: c:\pw_work\pwidot\hassannd\d0905386\D108022-sht-ADA-01.dgn



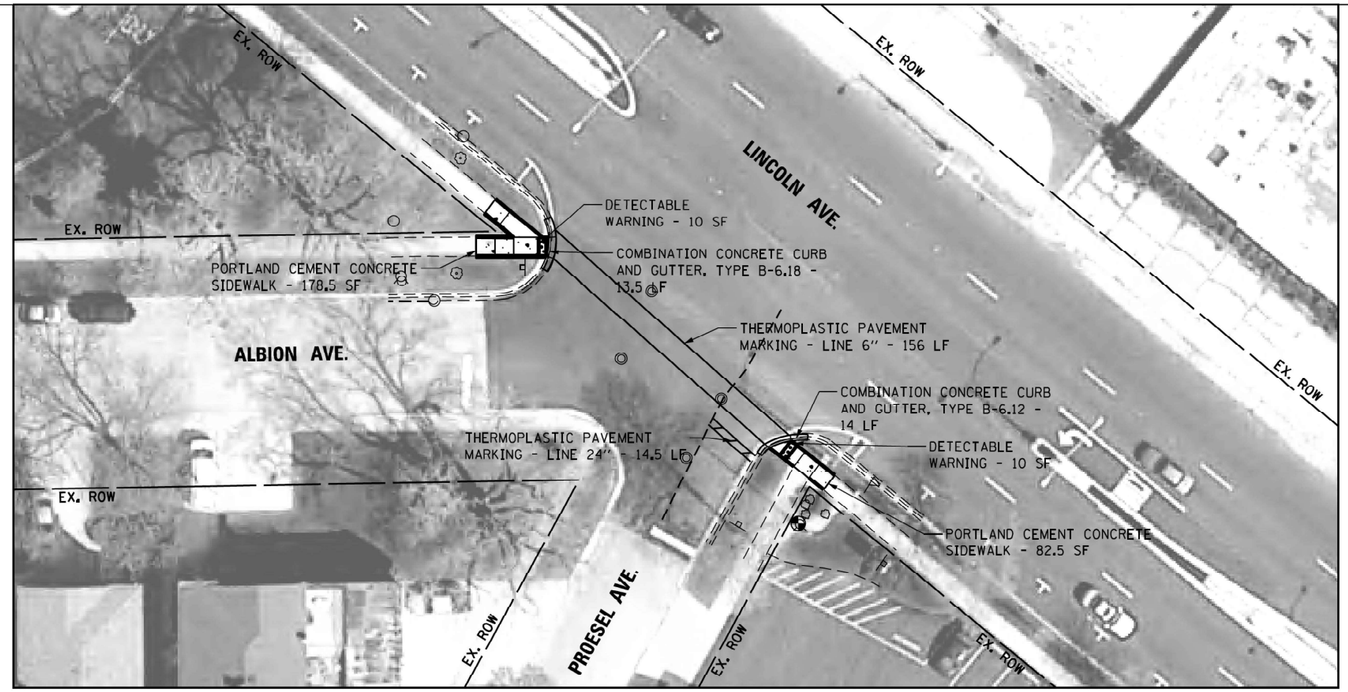
NORTHWEST CORNER



SOUTHWEST CORNER



EXISTING



PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- REMOVE AND REPLACE SIDEWALK
- 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.

MODEL: Albion Ave. [Sheet]
FILE NAME: c:\pw_work\pwidot\hassamn\d0905386\D1080122-sht-plan.dgn

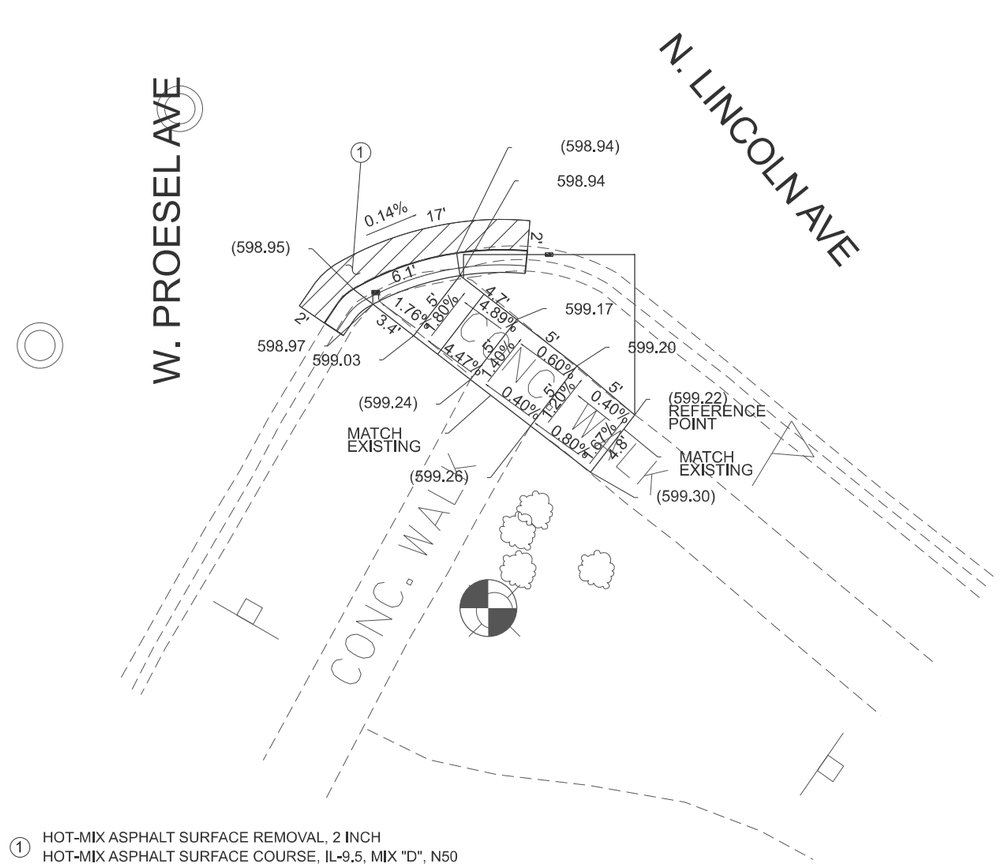
USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

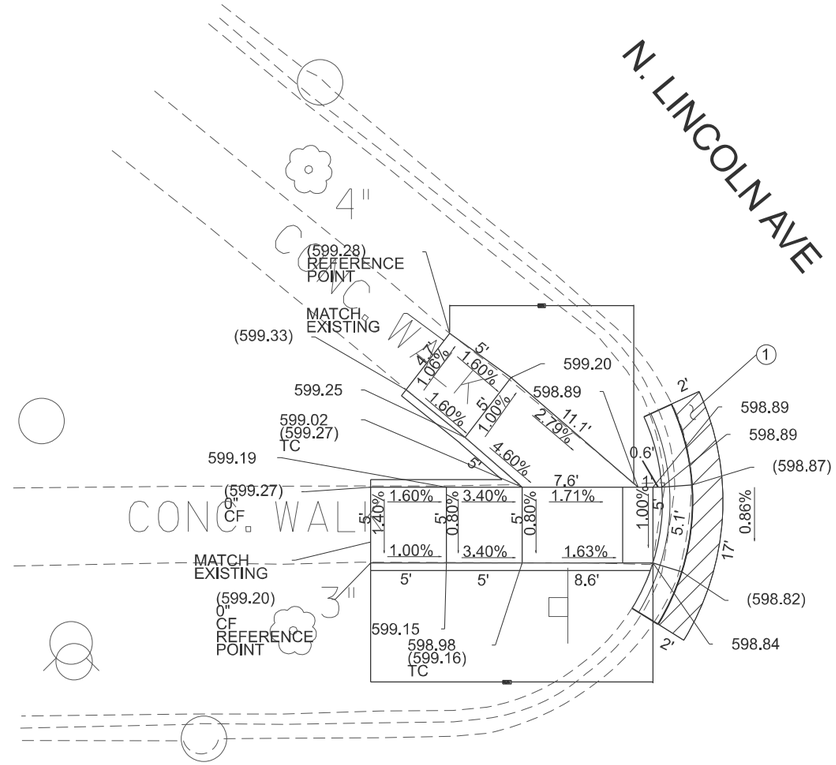
CURB RAMP PLANS
U.S. ROUTE 41 (N. LINCOLN AVE.) & W. PROESEL / ALBION AVE.

SCALE: Full Size 1 = 1 | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	18
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			



① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50



① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50

ALBION AVE

REFERENCE BENCHMARK ELEVATION: 599.669

BENCHMARK: "X" MARK AT TOP CENTER BOLT OF FIRE HYDRANT

LOCATION: NORTHWAST QUADRANT OF LINCOLN AVE. & ARTHUR AVE.

LEGEND

- EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

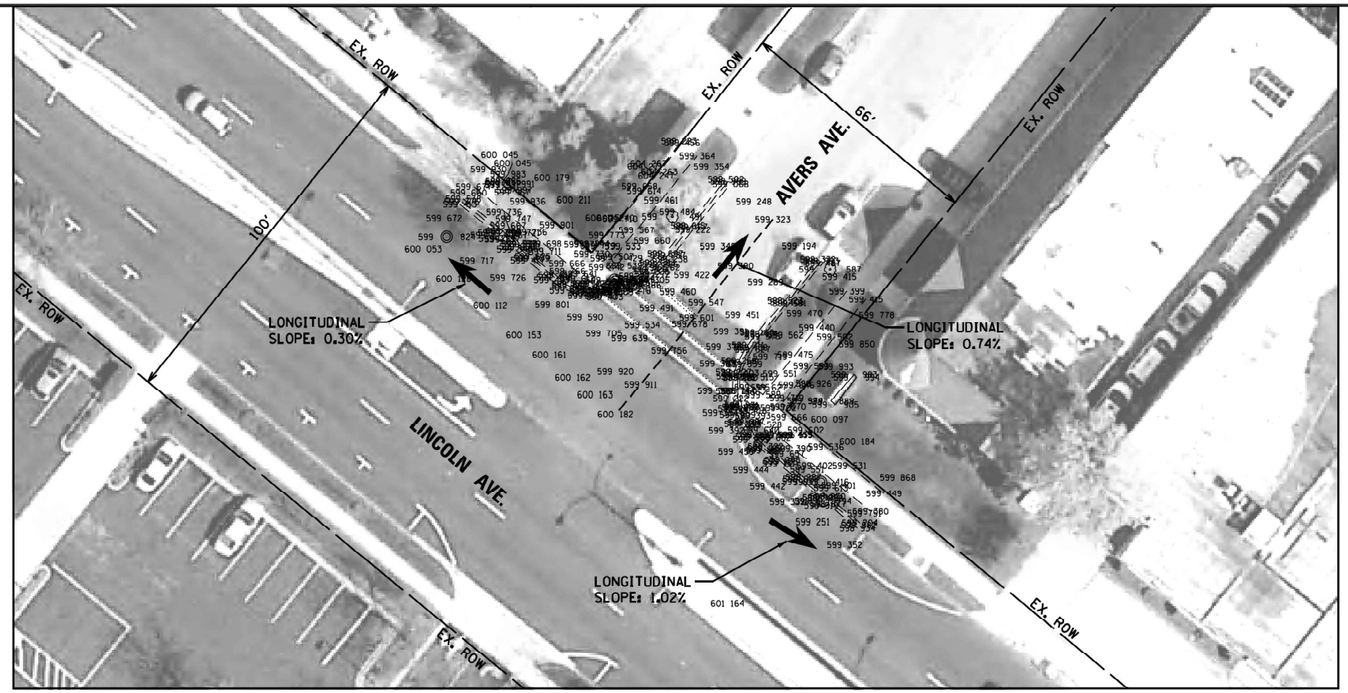
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
U.S. ROUTE 41 (N. LINCOLN AVE.) & W. PROESEL / ALBION AVE.

SCALE: | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	19
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			

MODEL: Proseil Ave. SW [Sheet]
FILE NAME: c:\pw_work\pwdot\hassannd\d0905386\D108022-sht-ADA-01.dgn



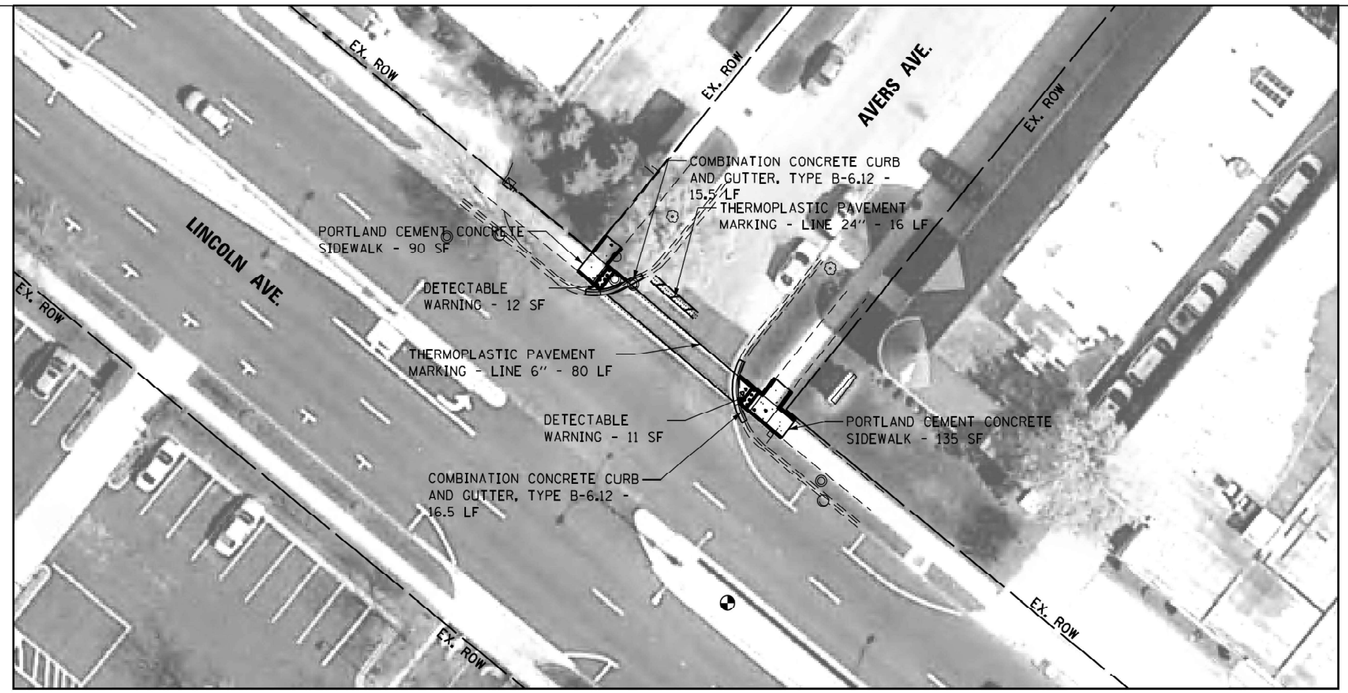
EXISTING



NORTHEAST CORNER



SOUTHEAST CORNER



PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- REMOVE AND REPLACE SIDEWALK
- 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.

MODEL: Avers Ave [Sheet]
FILE NAME: c:\pw_work\pwidot\hassanm\d0905386\D1068122-sht-plan.dgn

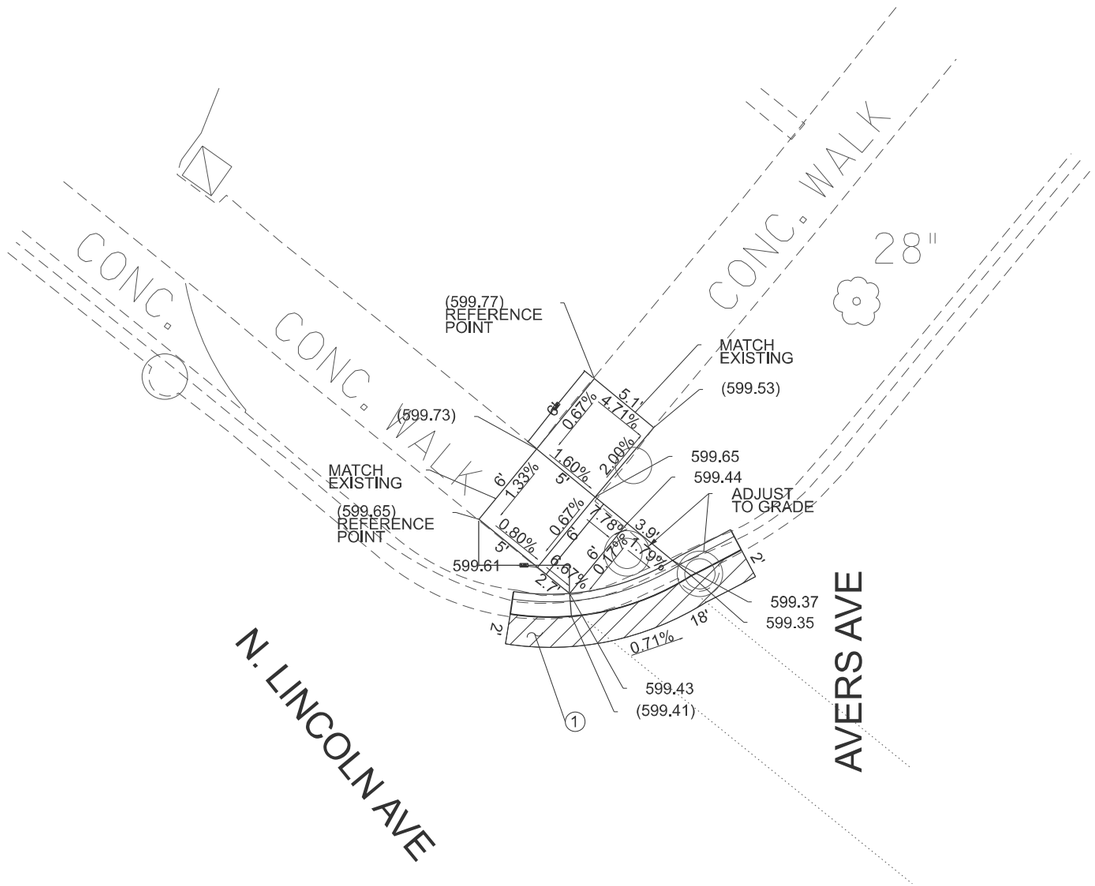
USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

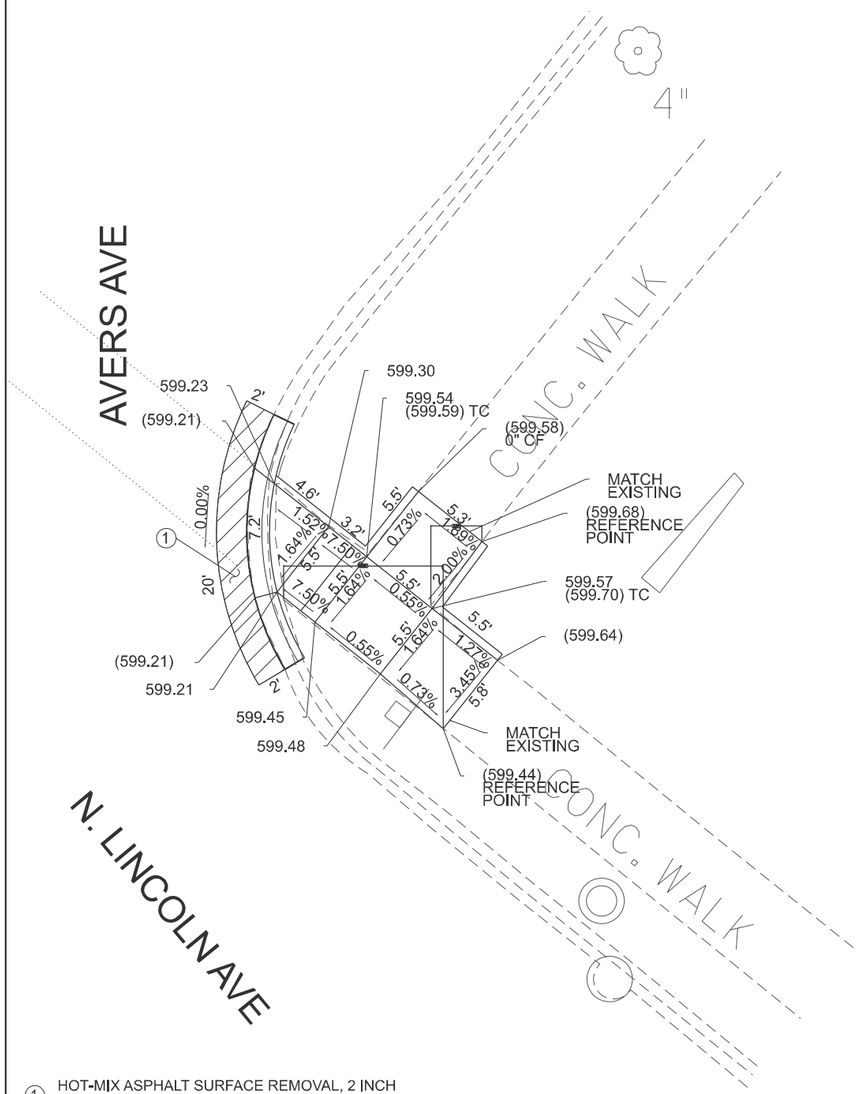
CURB RAMP PLAN
U.S. ROUTE 41 (N. LINCOLN AVE.) & AVERS AVE.

SCALE: Full Size 1 = 1 | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	20
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			



1 HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50



1 HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50

REFERENCE BENCHMARK ELEVATION: 599.669

BENCHMARK: "X" MARK AT TOP CENTER BOLT OF FIRE HYDRANT

LOCATION: NORTHWAST QUADRANT OF LINCOLN AVE. & ARTHUR AVE.

LEGEND

- EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD



USER NAME = naveed.hassan	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 1/24/2025	DATE -	REVISED -	

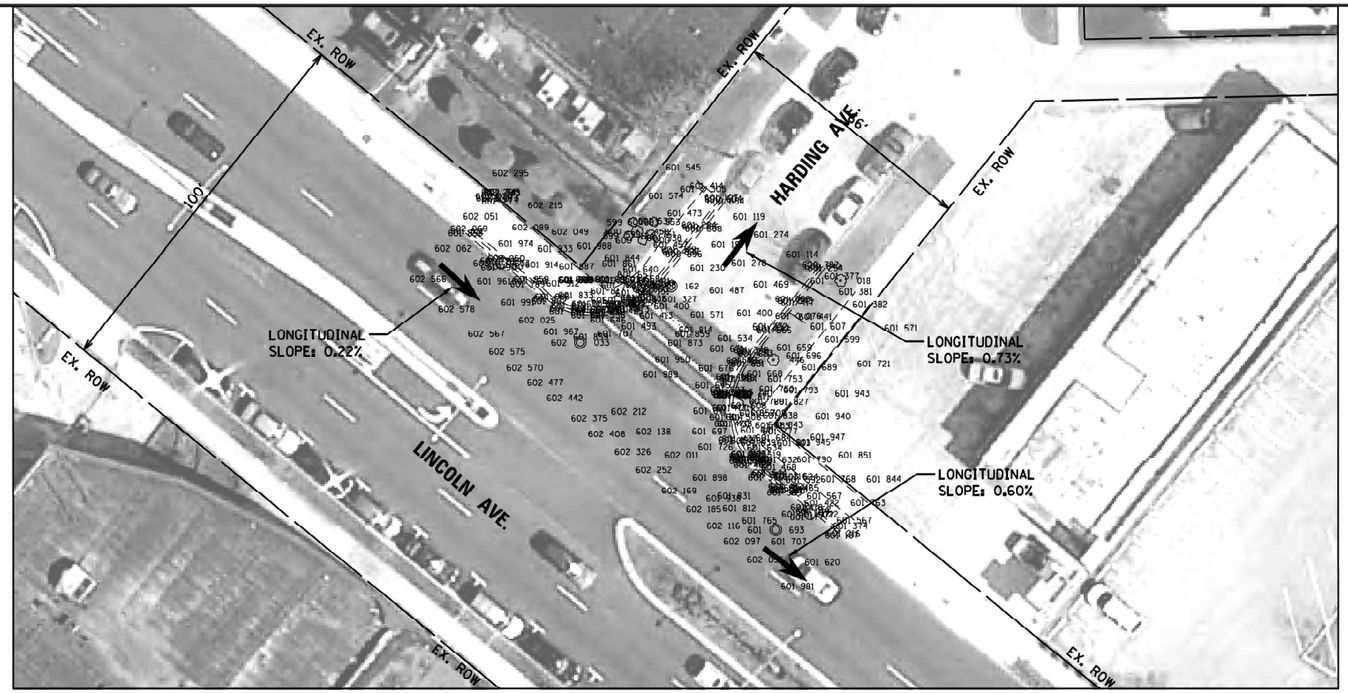
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
U.S. ROUTE 41 (N. LINCOLN AVE.) & AVERS AVE.

SCALE: | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	21
		CONTRACT NO. 62R02		
		ILLINOIS FED. AID PROJECT		

MODEL: Avers Ave. NE [Sheet]
FILE NAME: c:\pw_work\pwdot\hassanm\d0905386\D108022-sht-ADA-01.dgn



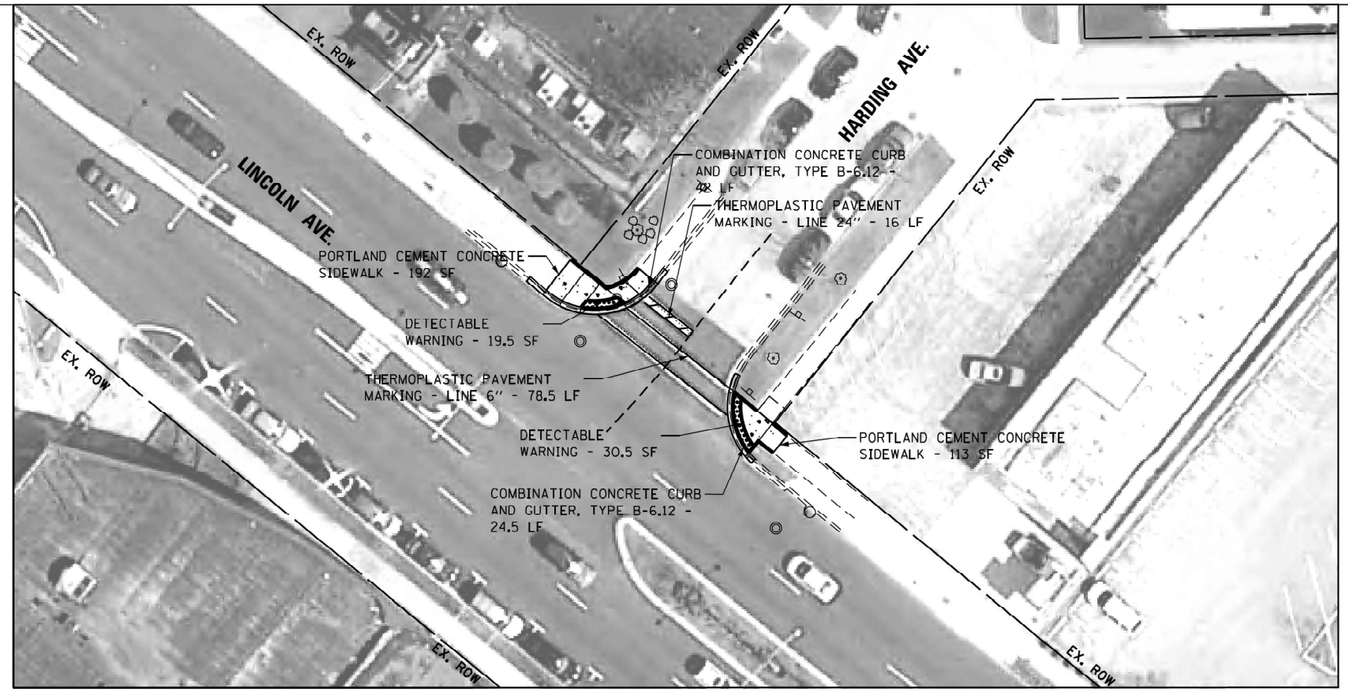
EXISTING



NORTHEAST CORNER



SOUTHEAST CORNER



PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- REMOVE AND REPLACE SIDEWALK
- 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.

MODEL: Harding Ave. North [Sheet]
FILE NAME: c:\pw_work\pwidot\hassanm\d0505388\D108022-sht-plan.dgn

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP PLAN
U.S. ROUTE 41 (N. LINCOLN AVE.) & HARDING AVE.

SCALE: Full Size 1 = 1 | SHEET OF SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	22
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			



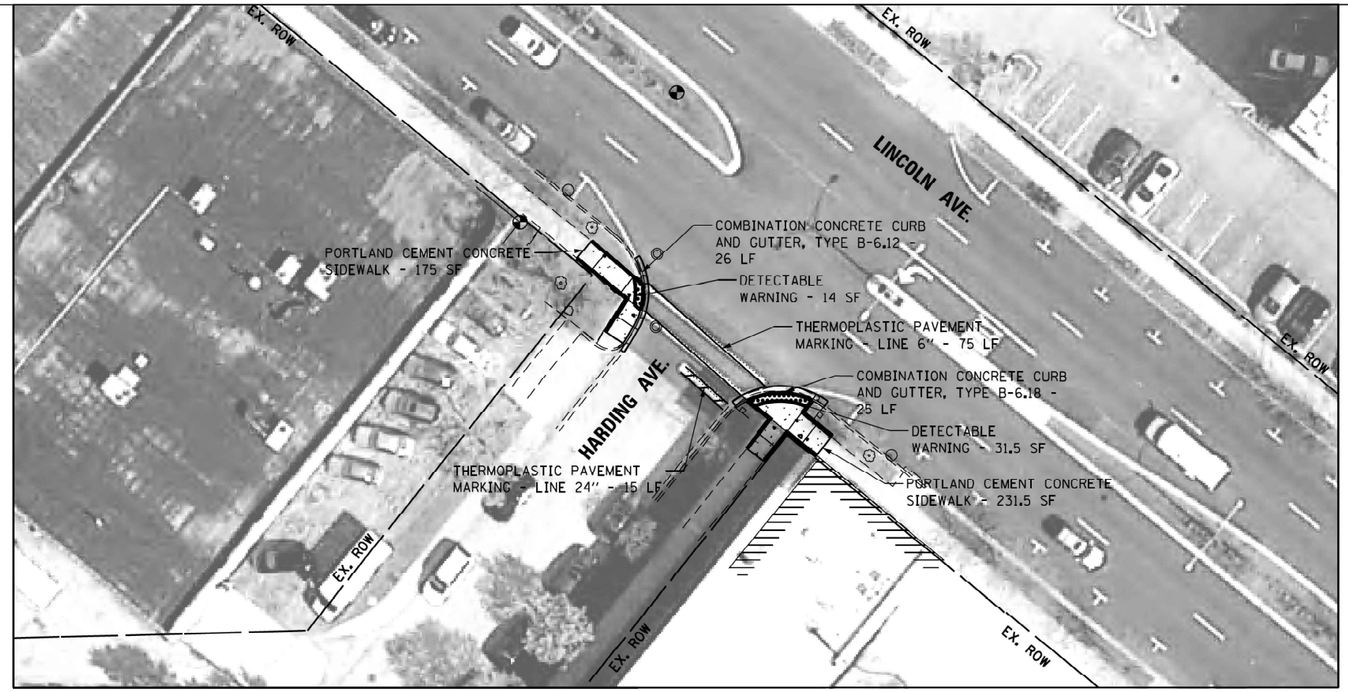
NORTHWEST CORNER



SOUTHWEST CORNER



EXISTING



PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- REMOVE AND REPLACE SIDEWALK
- 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.

MODEL: Harding Ave. South [Sheet]
FILE NAME: c:\pw_work\pwidot\hassann\d0905386\D108022-sht-plan.dgn

USER NAME = naveed.hassan	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 1/24/2025	DATE -	REVISED -	

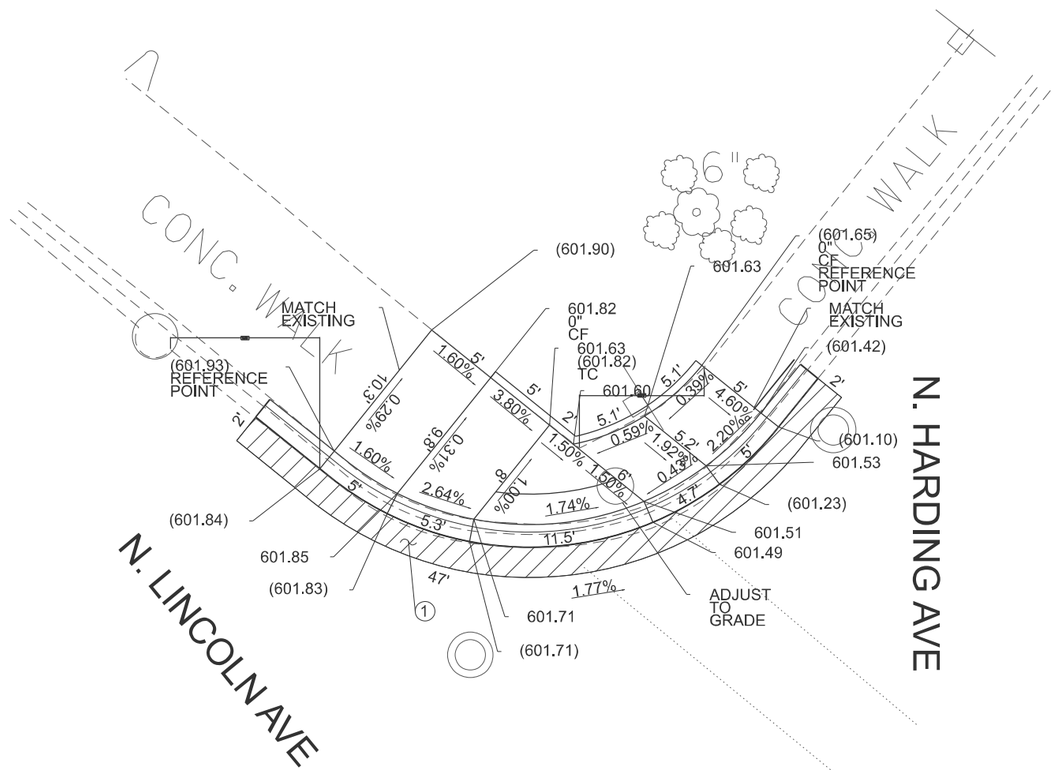
CURB RAMP PLAN
U.S. ROUTE 41 (N. LINCOLN AVE.) & HARDING AVE.

SCALE: Full Size 1 = 1 | SHEET OF 86 SHEETS | STA. TO STA.

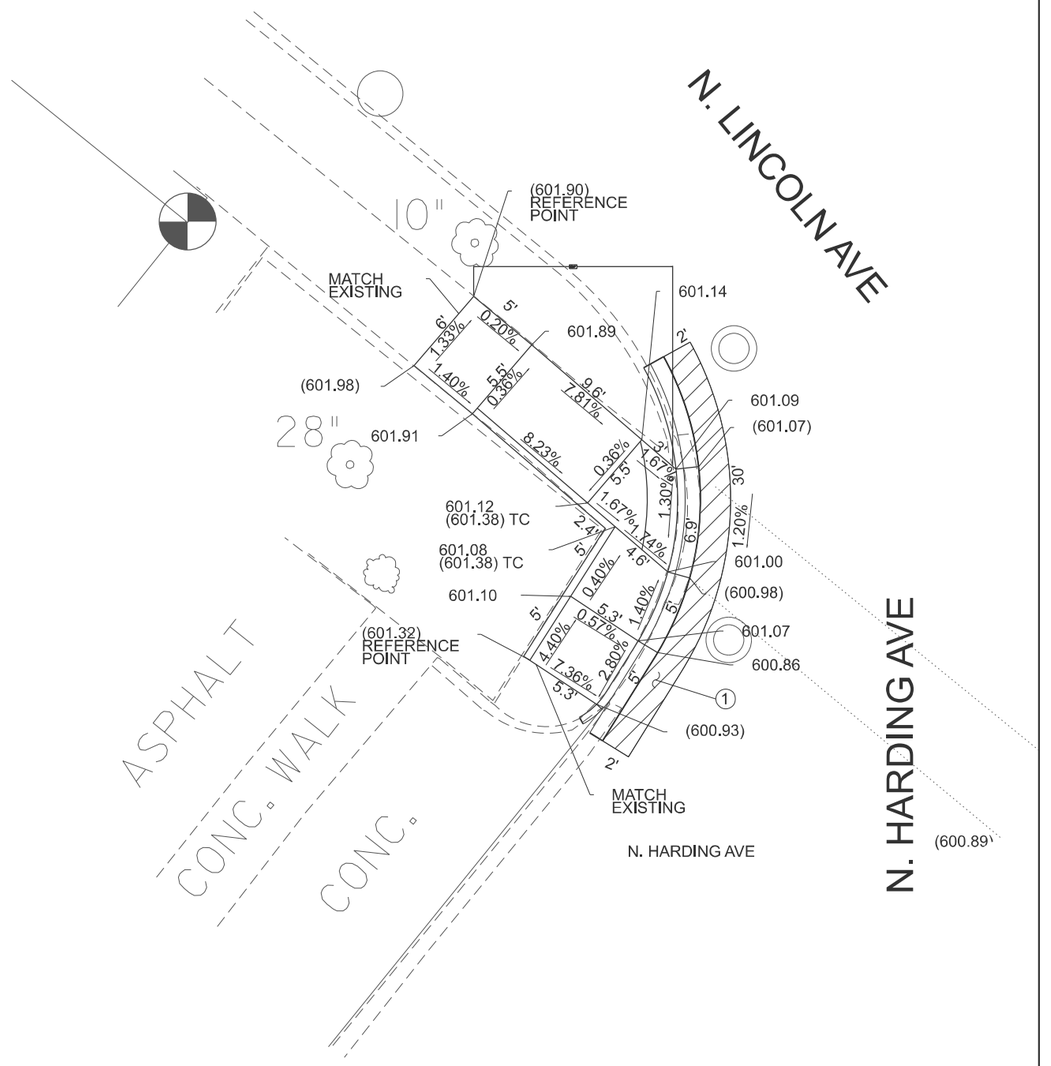
F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	23

CONTRACT NO. 62R02

ILLINOIS | FED. AID PROJECT



① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50



① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50

REFERENCE BENCHMARK ELEVATION: 602.622

BENCHMARK: CUT SQUARE IN EAST CORNER OF FINISHED FLOOR

LOCATION: 6700 N. LINCOLN AVE., LINCOLNWOOD IL

LEGEND

- EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

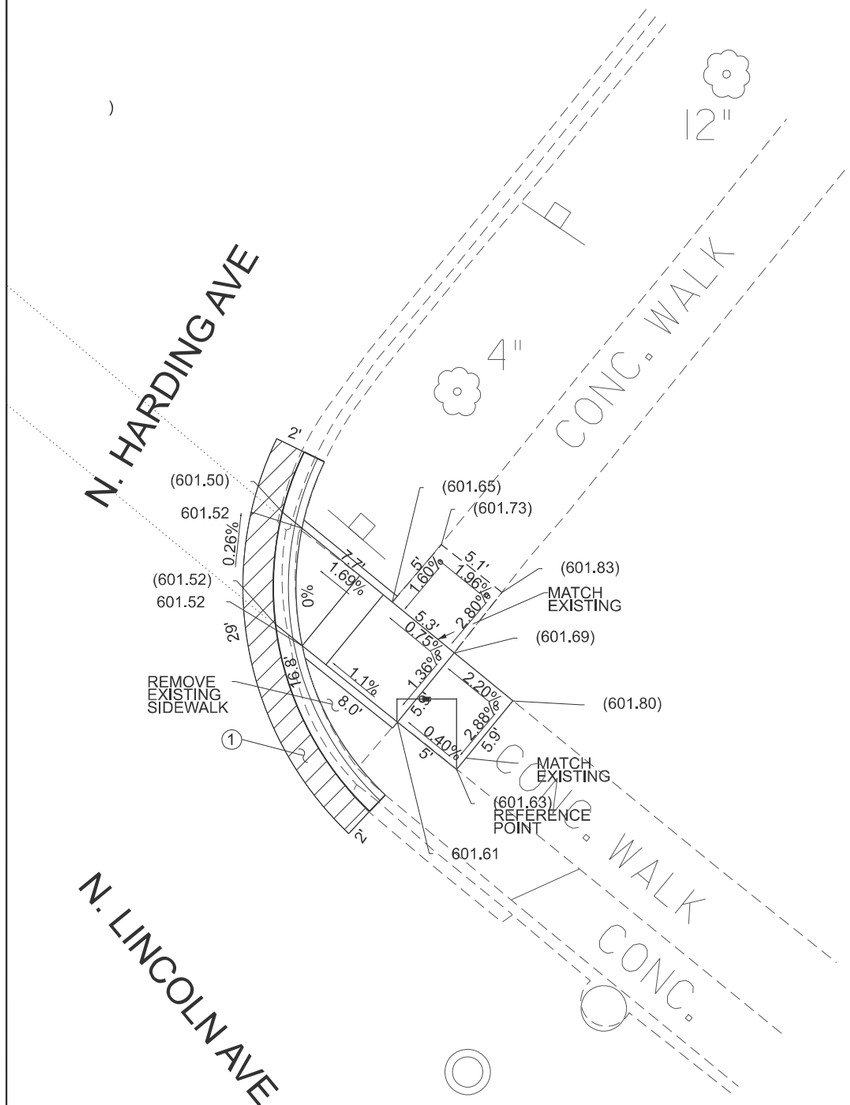
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
U.S. ROUTE 41 (N. LINCOLN AVE.) & N. HARDING AVE.

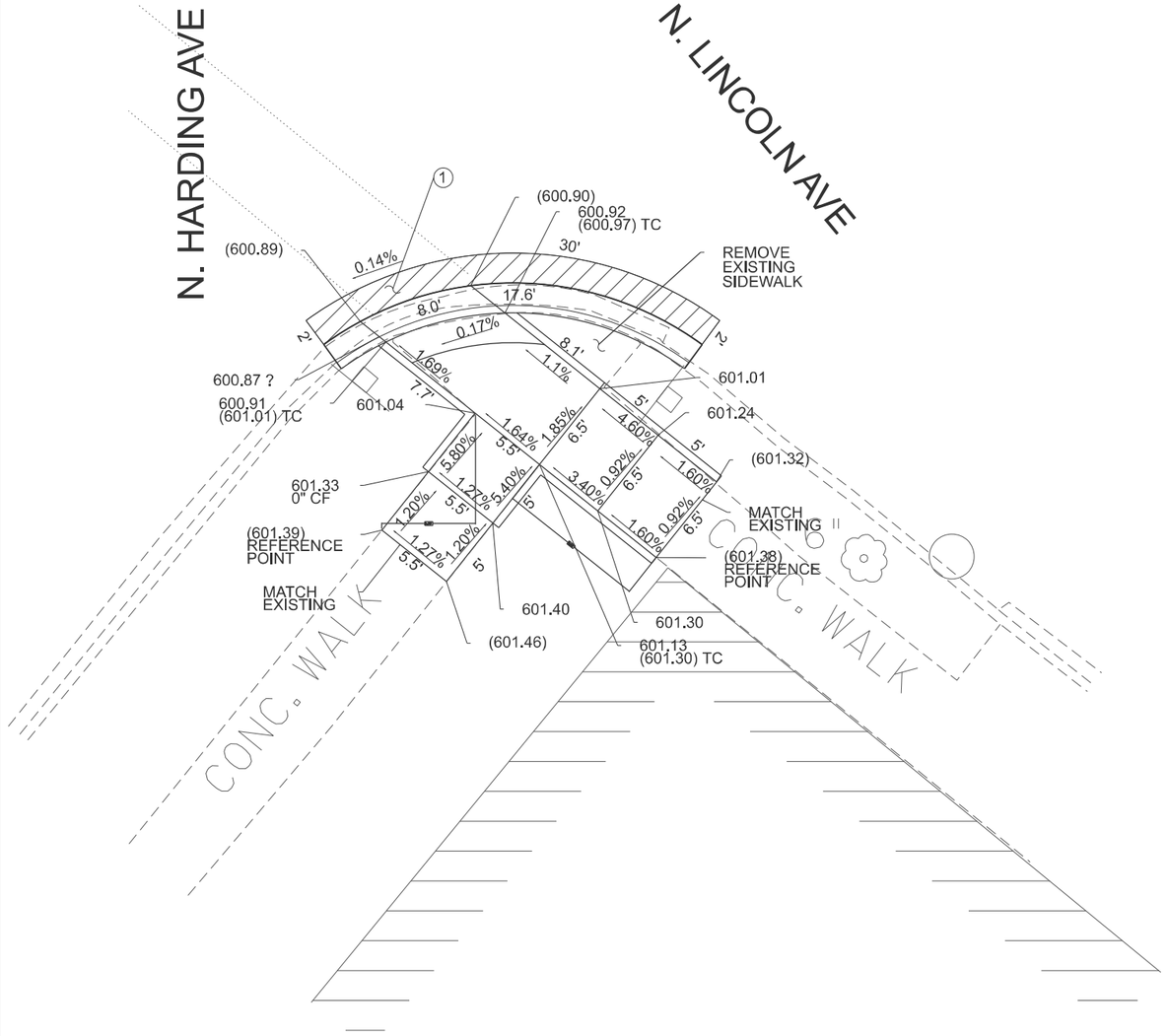
SCALE: | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	24
		CONTRACT NO. 62R02		
	ILLINOIS	FED. AID PROJECT		

MODEL: Harding Ave. NE [Sheet]
FILE NAME: c:\pw_work\pwidot\hassanm\d0905386\D1108022-sht-ADA-01.dgn



① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50



① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50

REFERENCE BENCHMARK ELEVATION: 602.622

BENCHMARK: CUT SQUARE IN EAST CORNER OF FINISHED FLOOR

LOCATION: 6700 N. LINCOLN AVE., LINCOLNWOOD IL

LEGEND

- EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

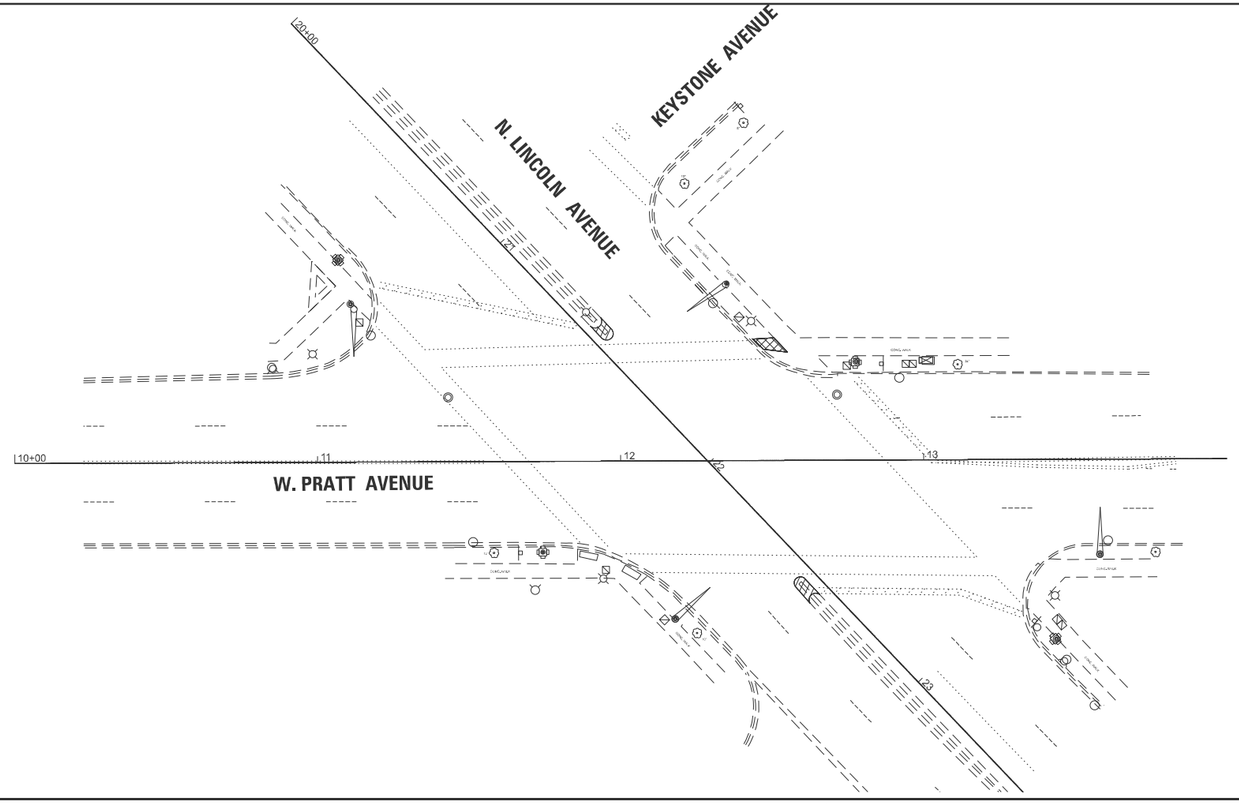
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

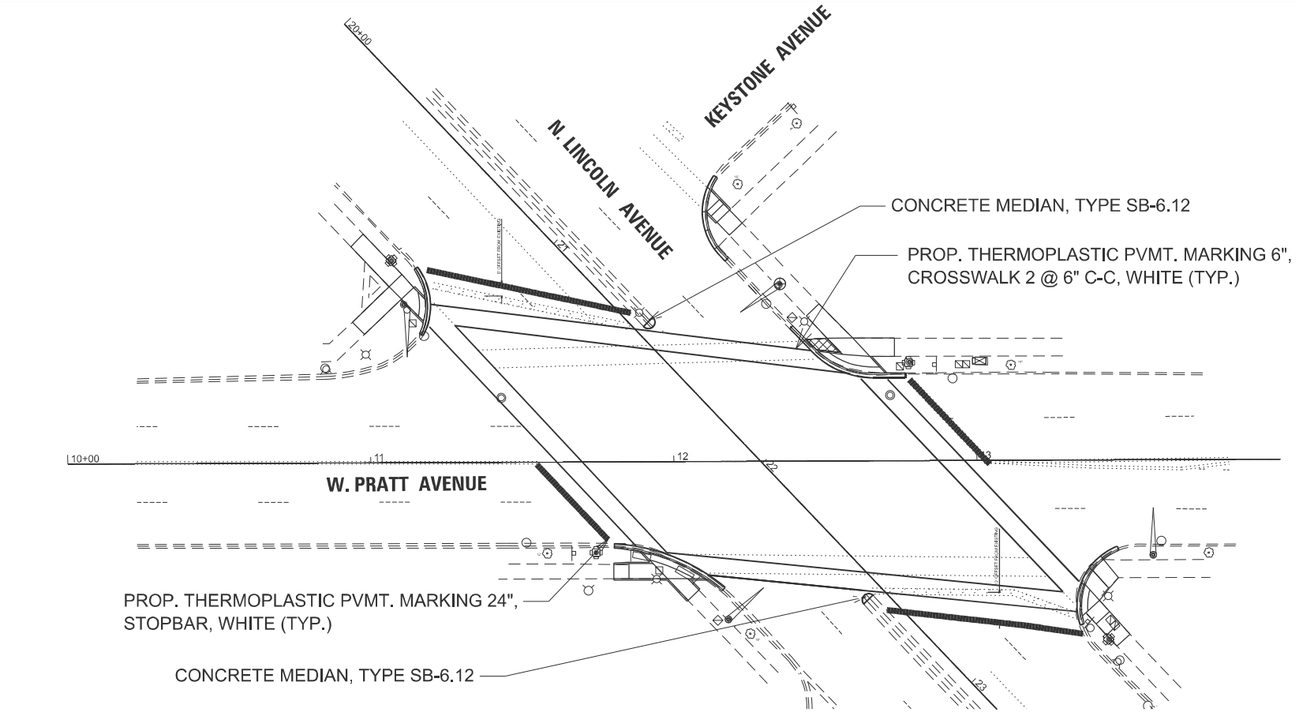
CURB RAMP DETAILS
U.S. ROUTE 41 (N. LINCOLN AVE.) & N. HARDING AVE.

SCALE: | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	25
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			

MODEL: Harding Ave. NW [Sheet]
FILE NAME: c:\dpw_work\pwdot\hassannd\d0905386\D108022-sht-ADA-01.dgn





NOTE:

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

2. EXISTING STOP BAR AND CROSSWALK PAVEMENT MARKINGS TO BE REMOVED VIA PAVEMENT MARKING REMOVAL - WATER BLASTING

LEGEND

- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- MEDIAN REMOVAL
- EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE

MODEL: explan01 [Sheet]
FILE NAME: c:\pw_work\pwidothassanm\d0905386\D1109022-sht-plan.dgn

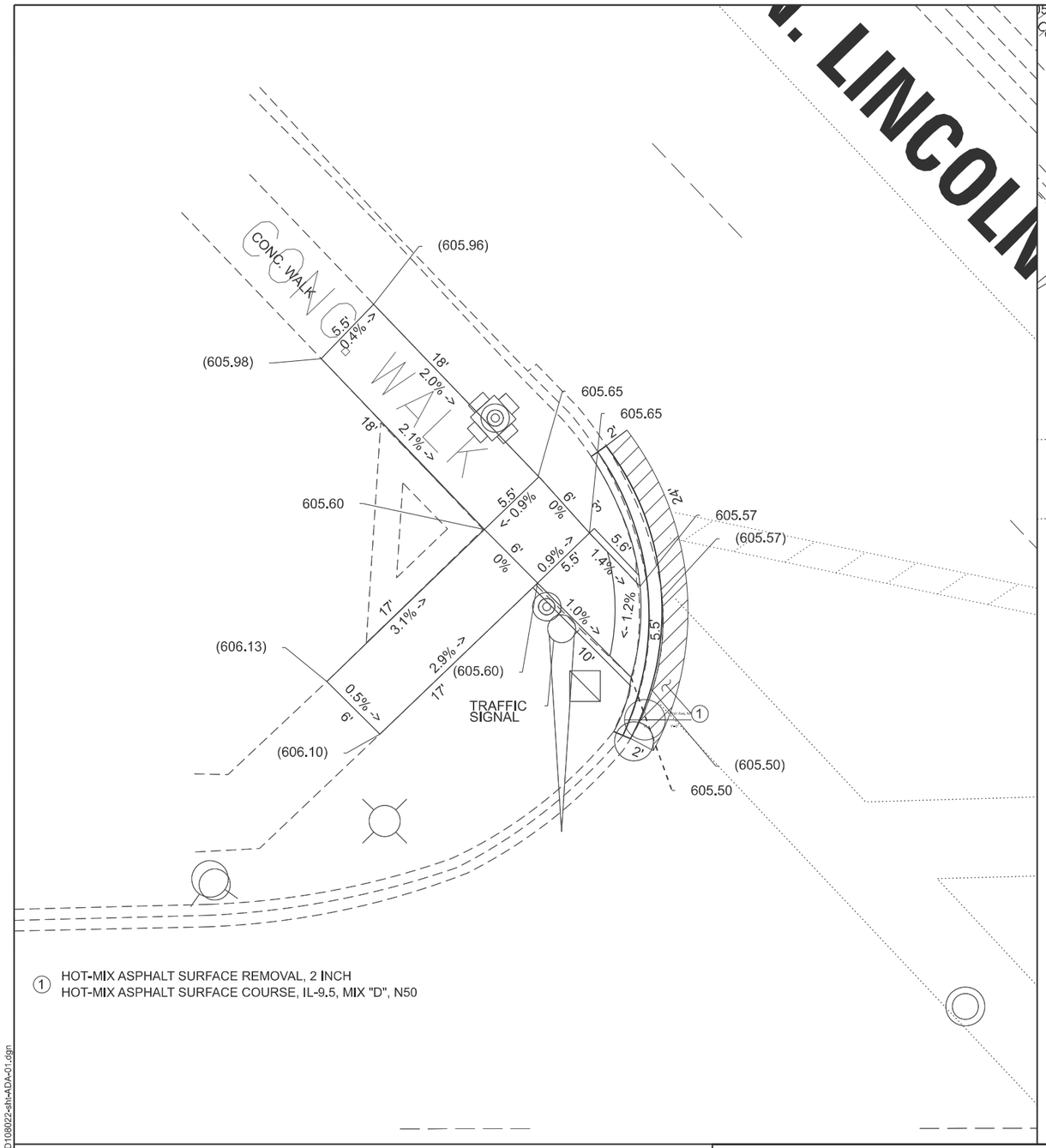
USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

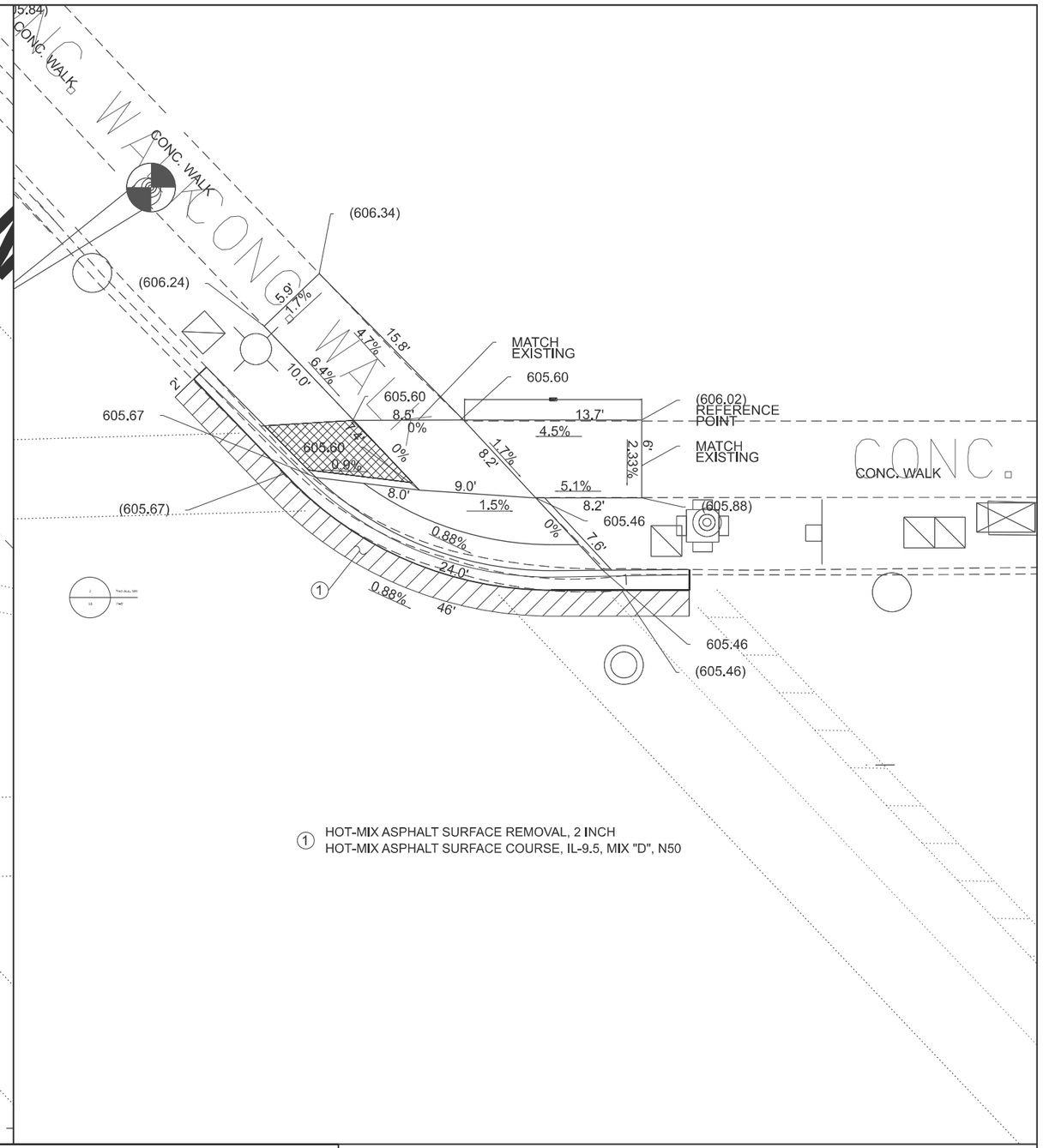
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP PLAN
U.S. ROUTE 41 (N. LINCOLN AVE.) & PRATT AVE.

SCALE: | SHEET OF 86 SHEETS | STA. 0+00.00 | TO STA. 0+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	17
		CONTRACT NO. 62R02		
	ILLINOIS	FED. AID PROJECT		





REFERENCE BENCHMARK ELEVATION: 606.752

BENCHMARK: "X" CUT ON BOLT AT BASE OF TRAFFIC SIGNAL POST WITH CANTILIVER

LOCATION: NORTHEAST QUADRANT OF LINCOLN AVE. AND PRATT AVE.

LEGEND

- EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
  REPLACE W/TOPSOIL & SOD

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

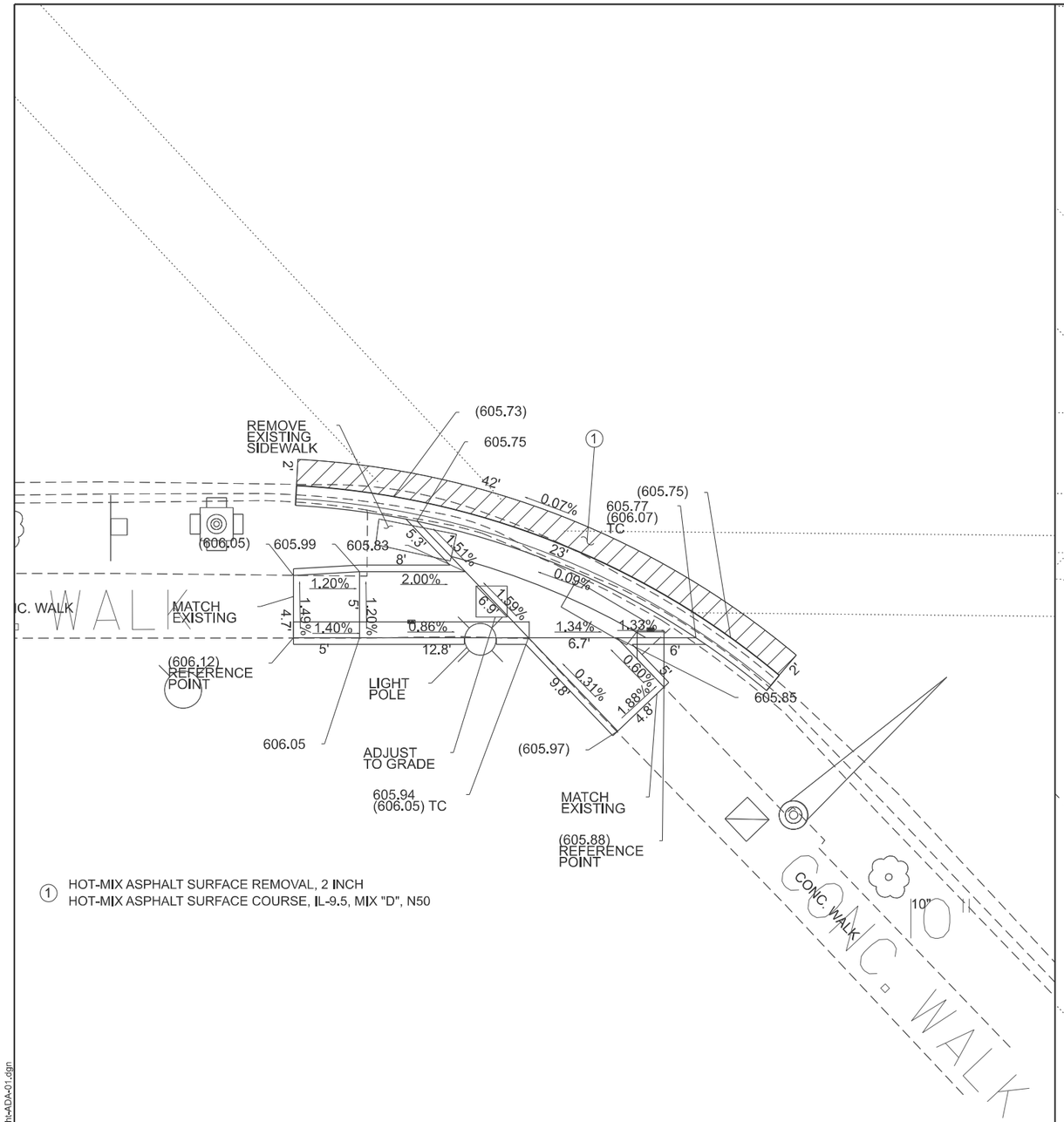
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

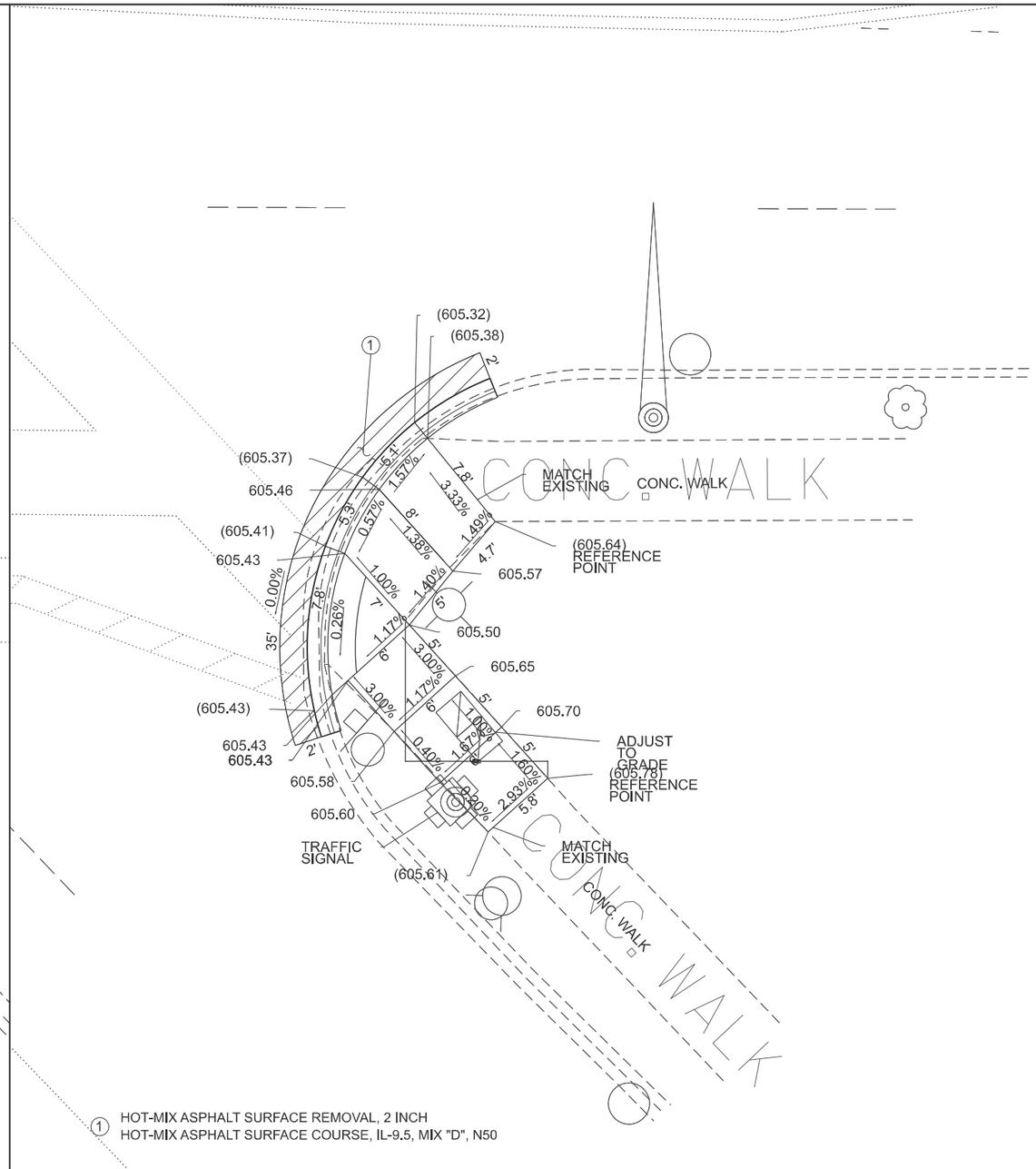
CURB RAMP DETAILS
U.S. ROUTE 41 (N. LINCOLN AVE.) & W. PRATT AVE.

SCALE: | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	27
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			

MODEL: Pratt Ave. NE [Sheet]
FILE NAME: c:\pw_work\pwidot\hassannd\d0905386\D108022-sh-ADA-01.dgn





REFERENCE BENCHMARK ELEVATION: 606.752

BENCHMARK: "X" CUT ON BOLT AT BASE OF TRAFFIC SIGNAL POST WITH CANTILIVER

LOCATION: NORTHEAST QUADRANT OF LINCOLN AVE. AND PRATT AVE.

LEGEND

- EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

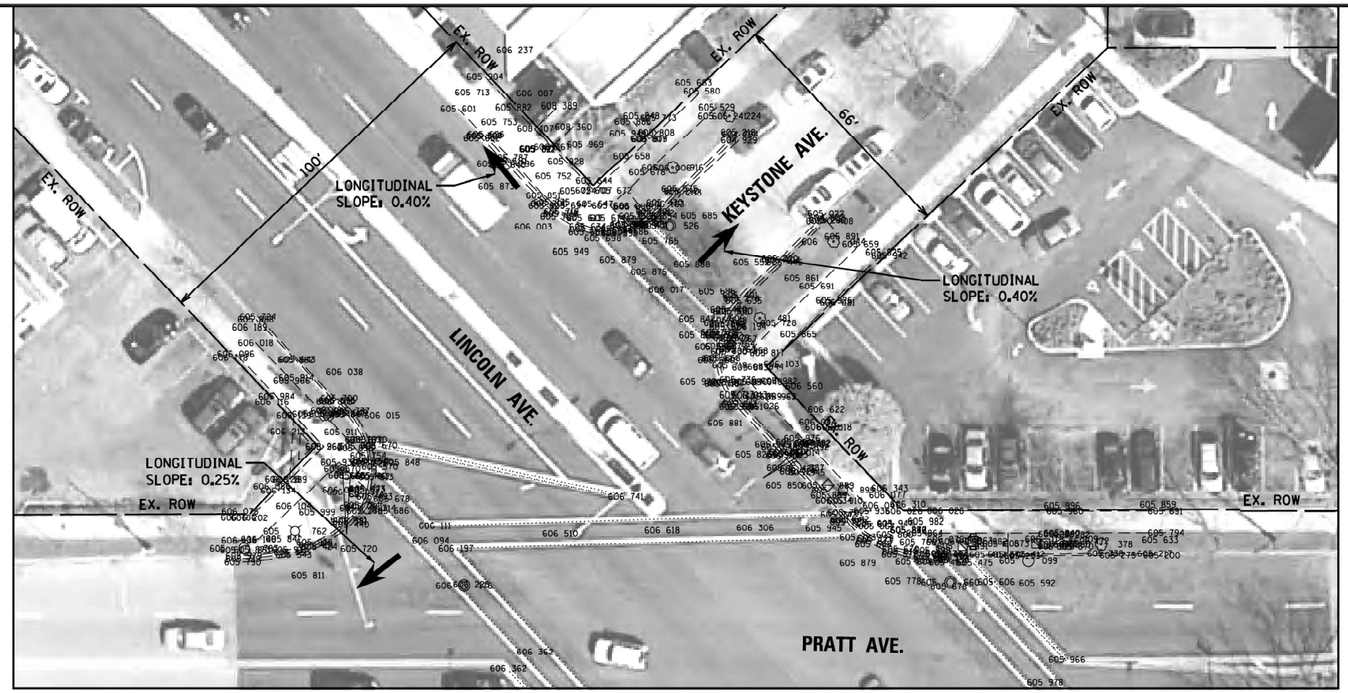
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
U.S. ROUTE 41 (N. LINCOLN AVE.) & W. PRATT AVE.

SCALE: | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	28
		CONTRACT NO. 62R02		
		ILLINOIS FED. AID PROJECT		

MODEL: Pratt Ave. SW [Sheet]
FILE NAME: c:\pw_work\pwidot\hassanm\d0905386\D1090222-sht-ADA-01.dgn



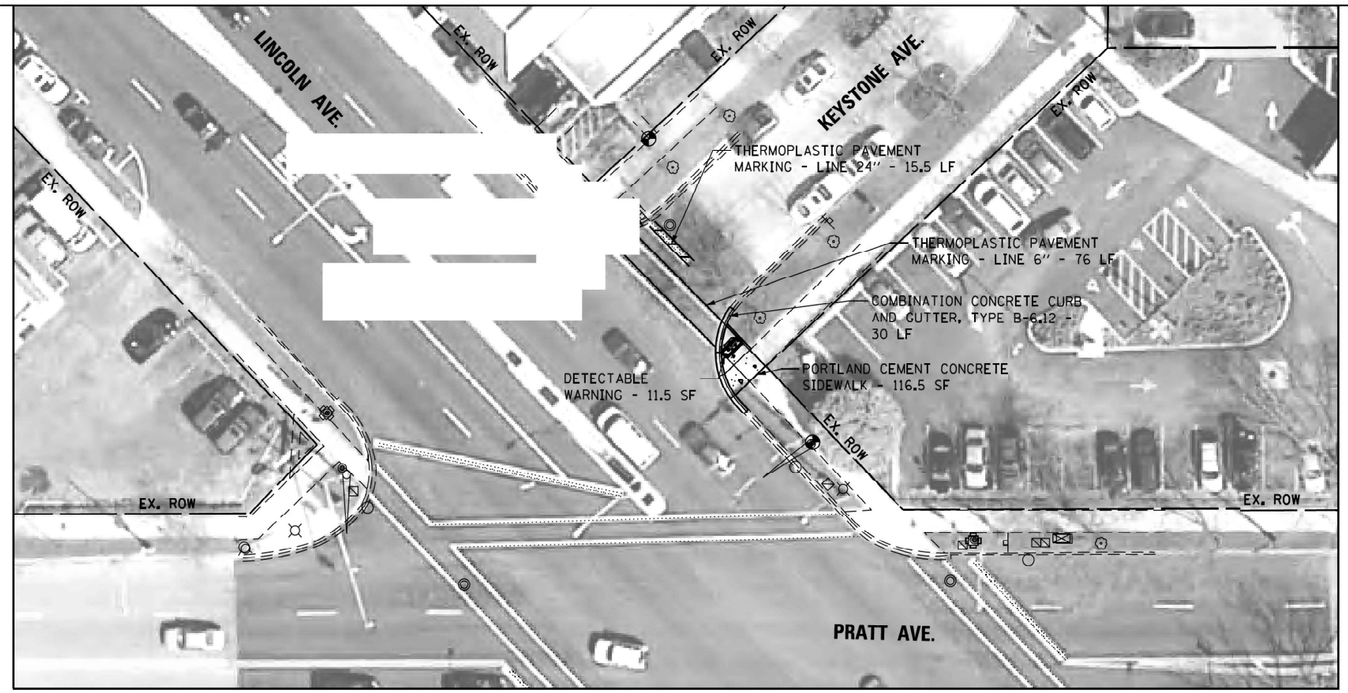
EXISTING



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.

MODEL: Keystone Ave. [Sheet]
FILE NAME: c:\pw_work\pwidot\hassanm\d0905386\D1080122-sht-plan.dgn

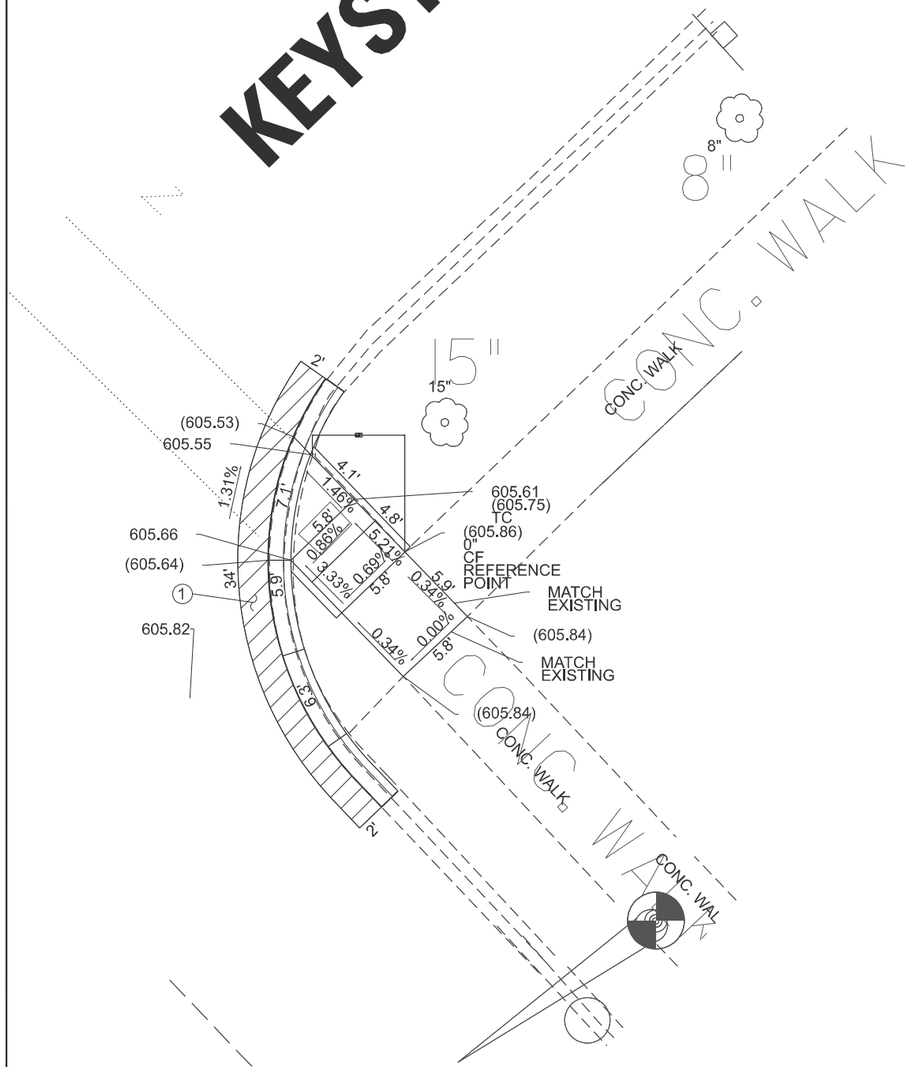
USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP PLAN
U.S. ROUTE 41 (N. LINCOLN AVE.) & KEYSTONE AVE.

SCALE: Full Size 1 = 1 | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	29
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			



REFERENCE BENCHMARK ELEVATION: 605.809

BENCHMARK: "X" CUT ON NORTHWEST SIDEWALK

LOCATION: NORTHWEST QUADRANT OF LINCOLN AVE. AND KEYSTONE AVE.

LEGEND

- EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

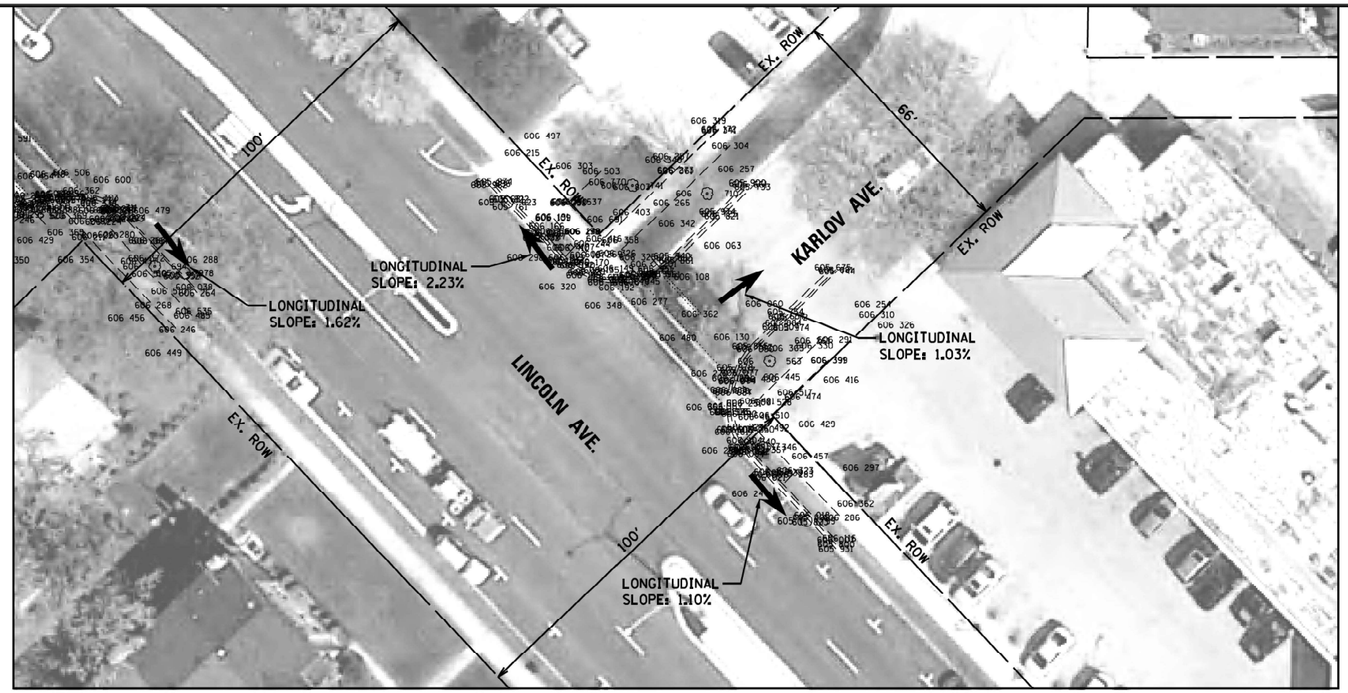
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
U.S. ROUTE 41 (N. LINCOLN AVE.) & KEYSTONE AVE.

SCALE: | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	30
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			

MODEL: Keystone Ave. SE [Sheet]
FILE NAME: c:\pw_work\pwdot\hassannd\d0905386\D108022-sht-ADA-01.dgn



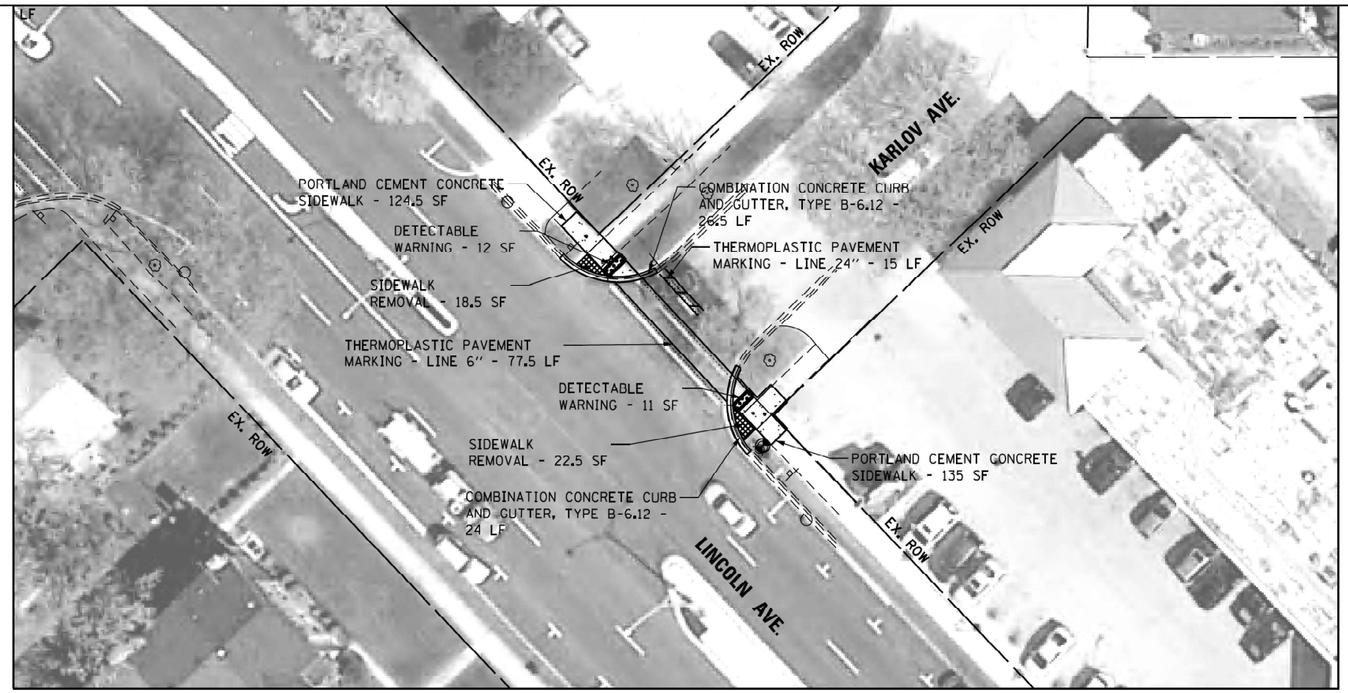
EXISTING



NORTHEAST CORNER



SOUTHEAST CORNER



PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- REMOVE AND REPLACE SIDEWALK
- 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.

MODEL: Karlov Ave. [Sheet]
FILE NAME: c:\pw_work\pwidothassanm\d0905386\D1080122-sht-plan.dgn

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

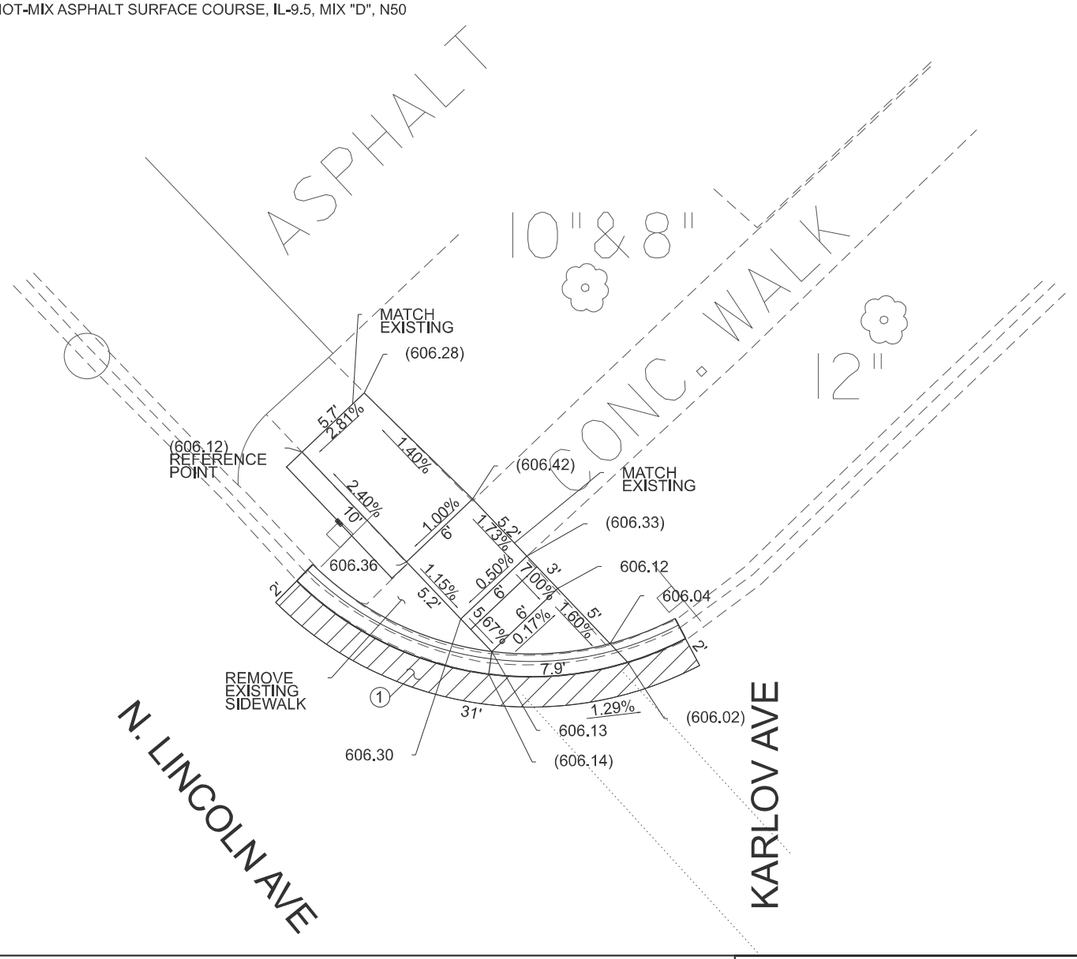
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

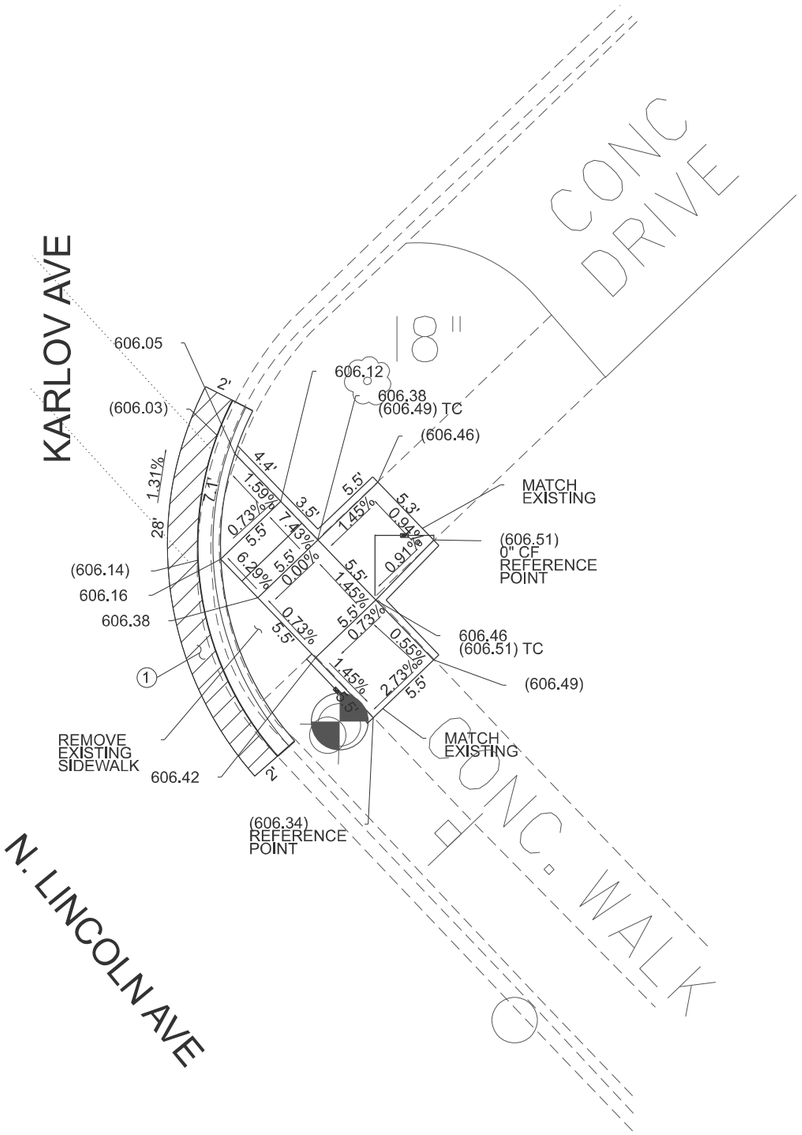
CURB RAMP PLAN
U.S. ROUTE 41 (N. LINCOLN AVE.) & KARLOV AVE.

SCALE: Full Size 1 = 1 | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	31
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			

① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50





① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50

REFERENCE BENCHMARK ELEVATION: 608.517

BENCHMARK: "X" CUT ON SOUTHWEST BOLT OF FIRE HYDRANT

LOCATION: NORTHEAST QUADRANT OF LINCOLN AVE. AND KARLOV AVE.

LEGEND

- EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

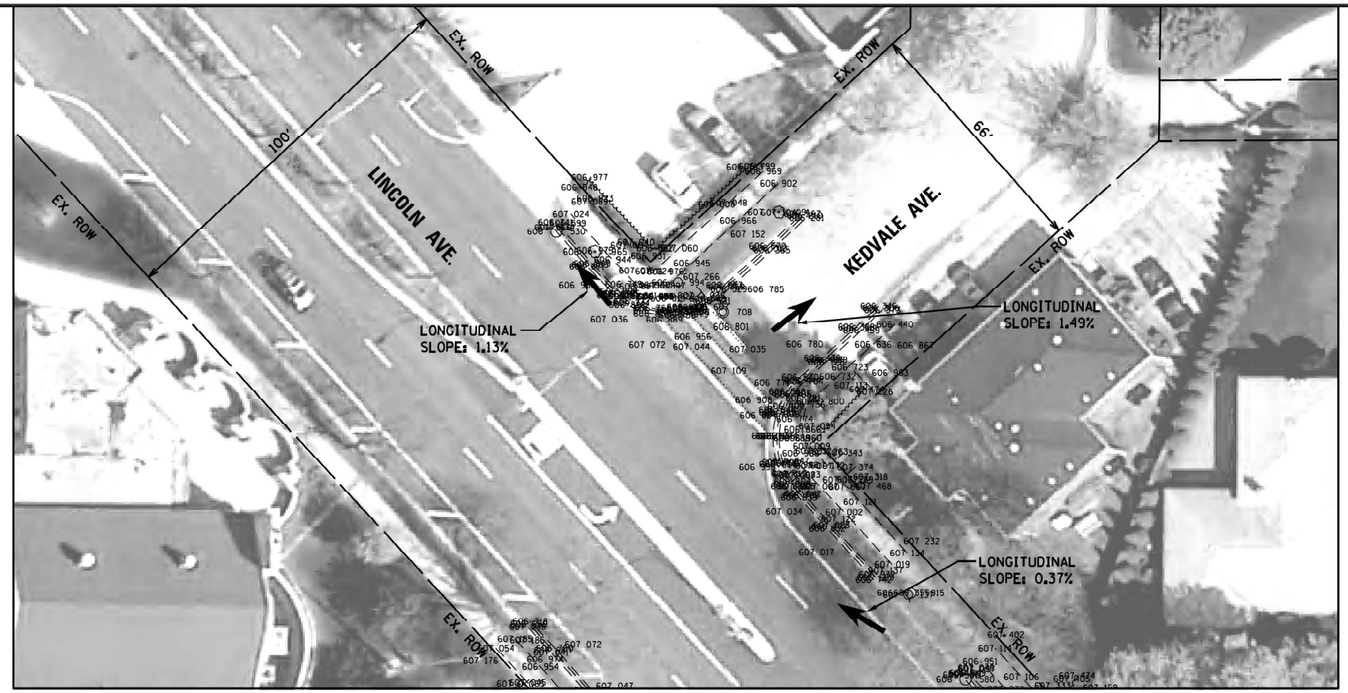
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
U.S. ROUTE 41 (N. LINCOLN AVE.) & KARLOV AVE.

SCALE: | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	32
		CONTRACT NO. 62R02		
		ILLINOIS	FED. AID PROJECT	

MODEL: Karlov Ave. NE [Sheet]
FILE NAME: c:\pw_work\pwidothassanm\d0905386\D1108022-sht-ADA-01.dgn



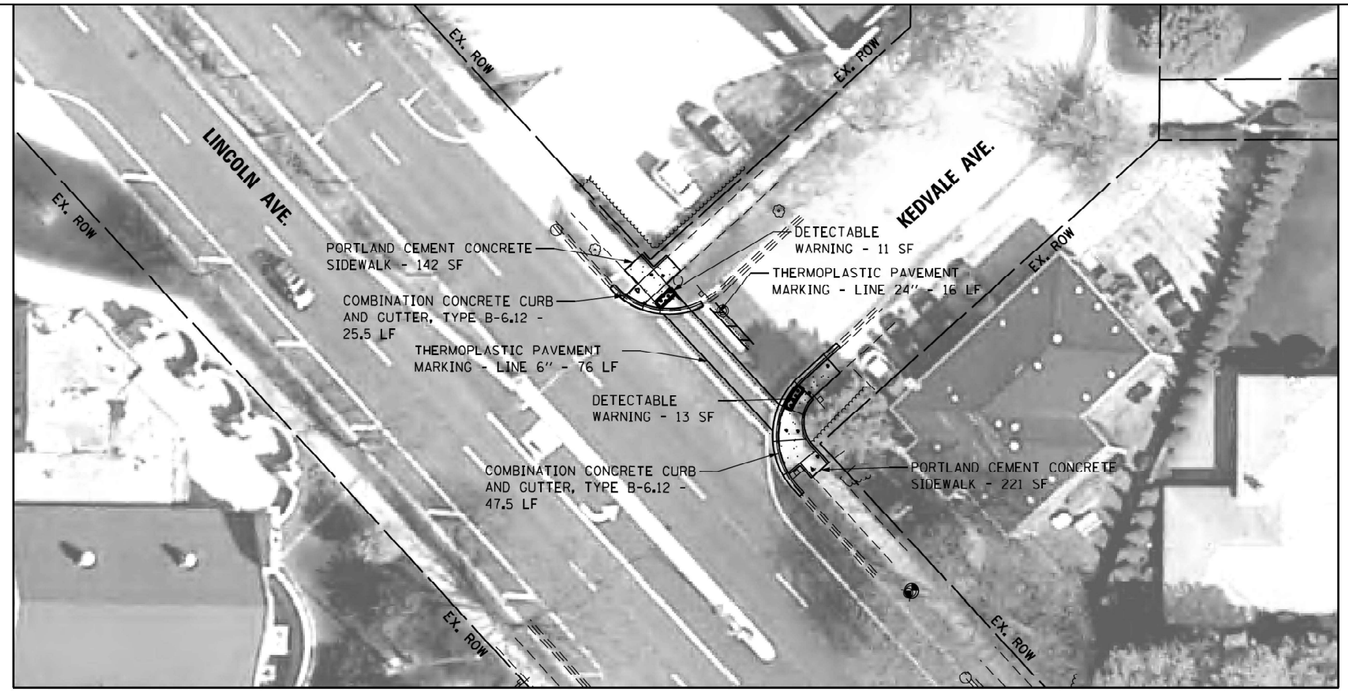
EXISTING



NORTHEAST CORNER



SOUTHEAST CORNER



PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- REMOVE AND REPLACE SIDEWALK
- 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.

MODEL: Kadvale Ave. North [Street]
FILE NAME: c:\pw_work\pwidot\hassanm\d0905386\D1080122-sht-plan.dgn

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP PLAN
U.S. ROUTE 41 (N. LINCOLN AVE.) & KEDVALE AVE.

SCALE: Full Size 1 = 1 | SHEET OF 86 SHEETS | STA. | TO STA.

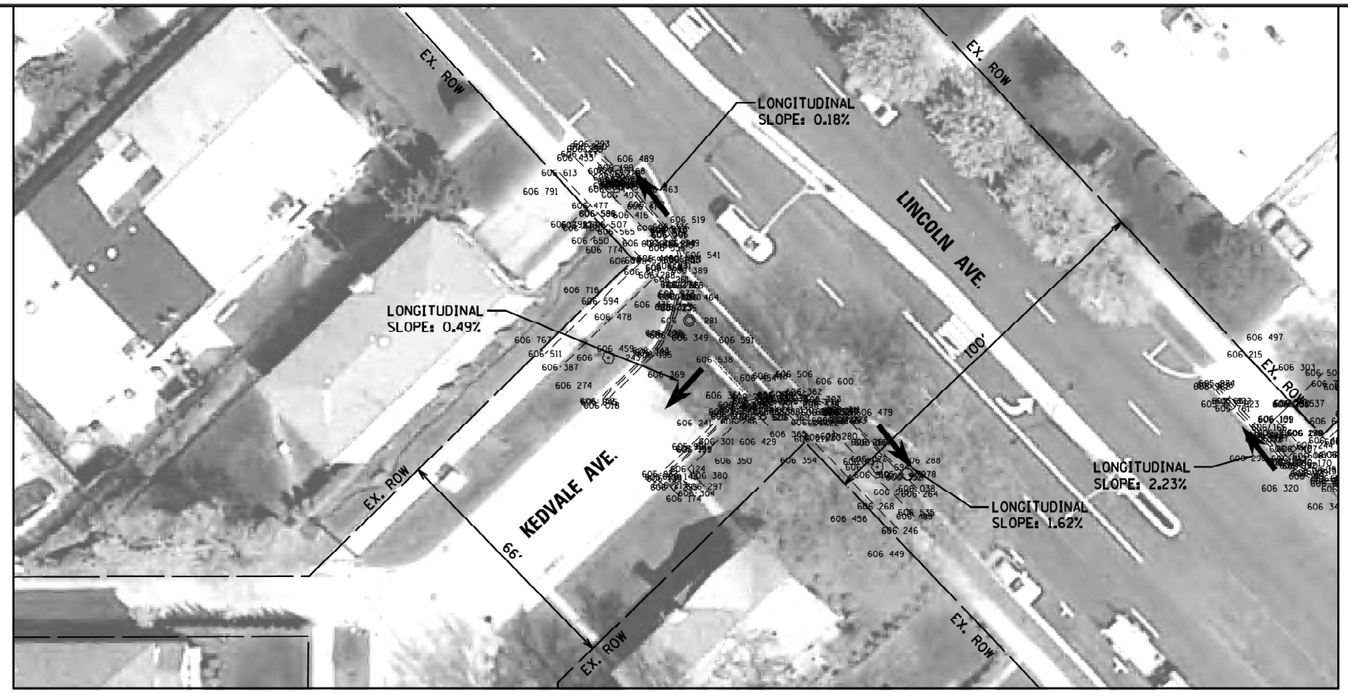
F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	33
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			



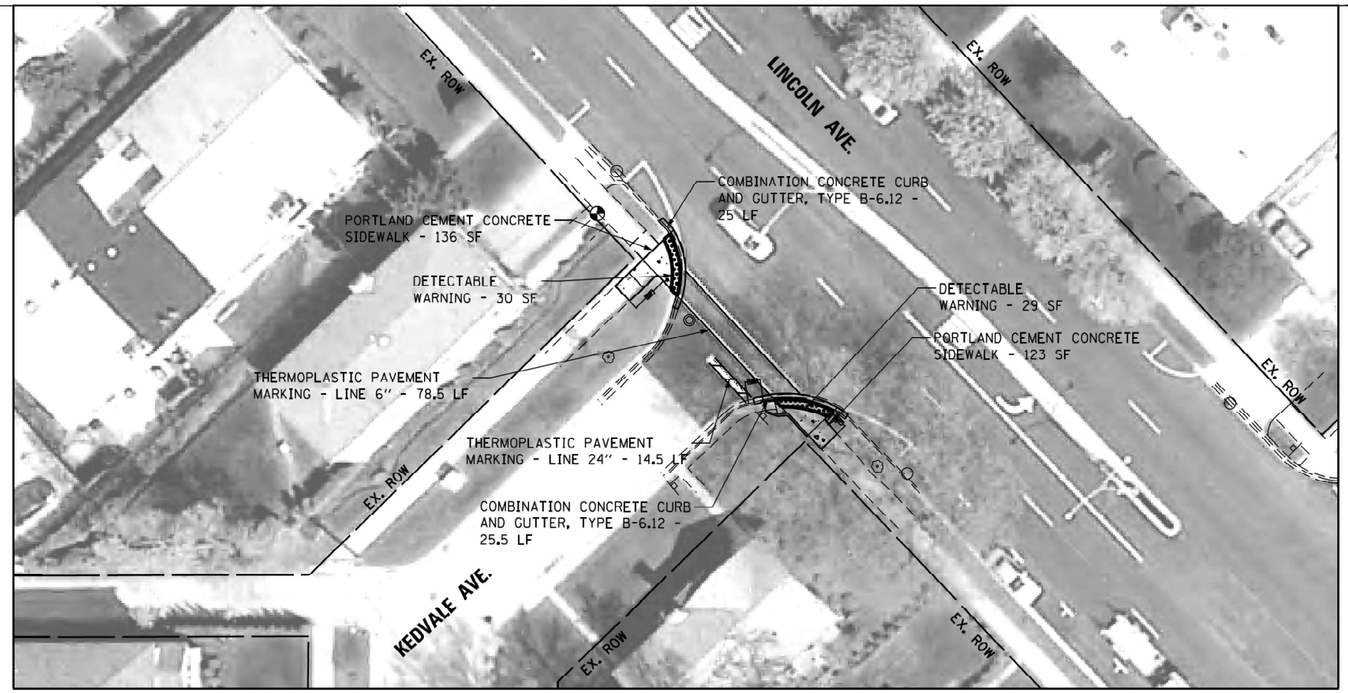
NORTHWEST CORNER



SOUTHWEST CORNER



EXISTING



PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- REMOVE AND REPLACE SIDEWALK
- 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.

MODEL: Kedvale Ave. South [Sheet]
FILE NAME: c:\pw_work\pwidot\hassamn\d0905386\D1080122-sht-plan.dgn

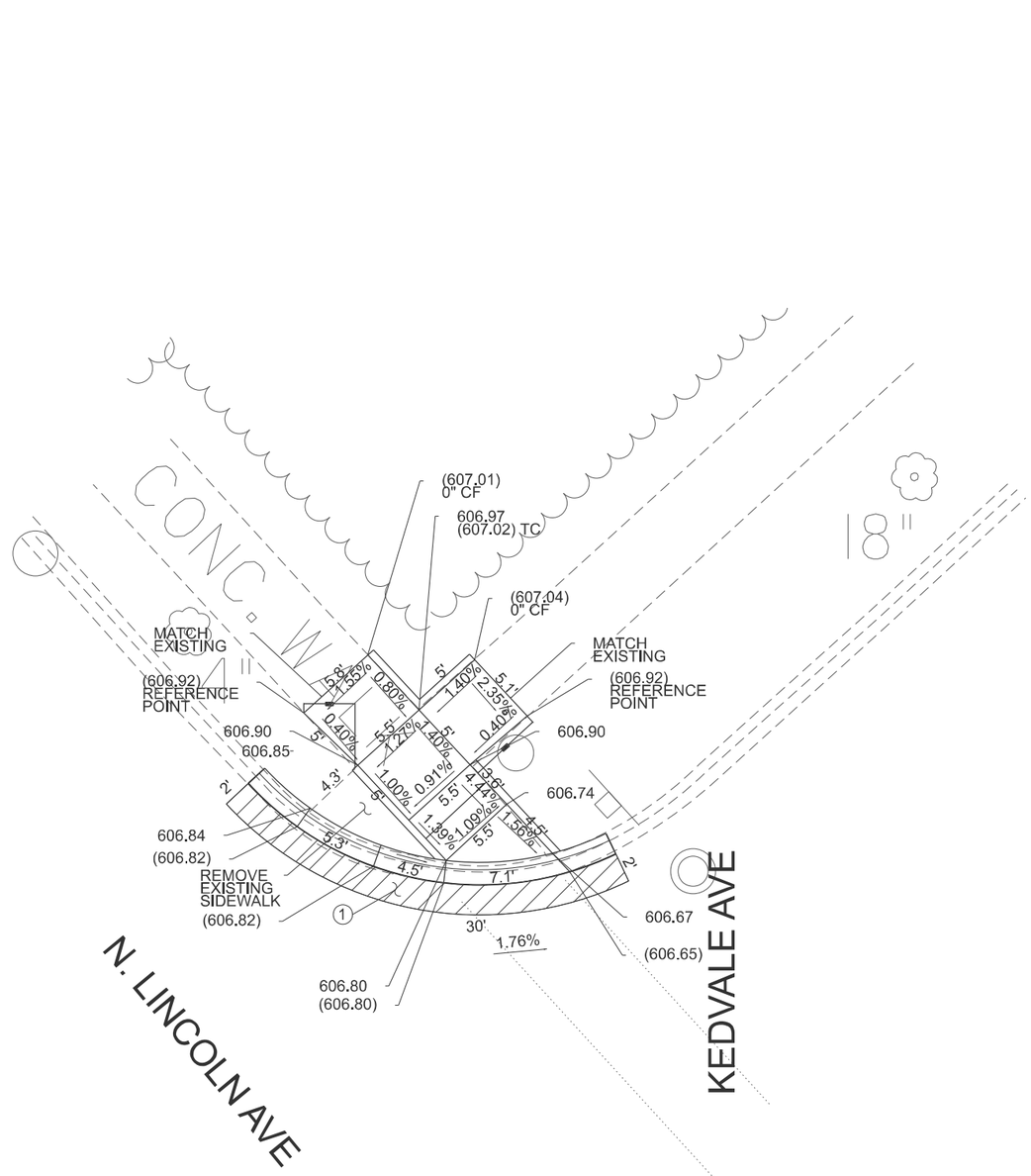
USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

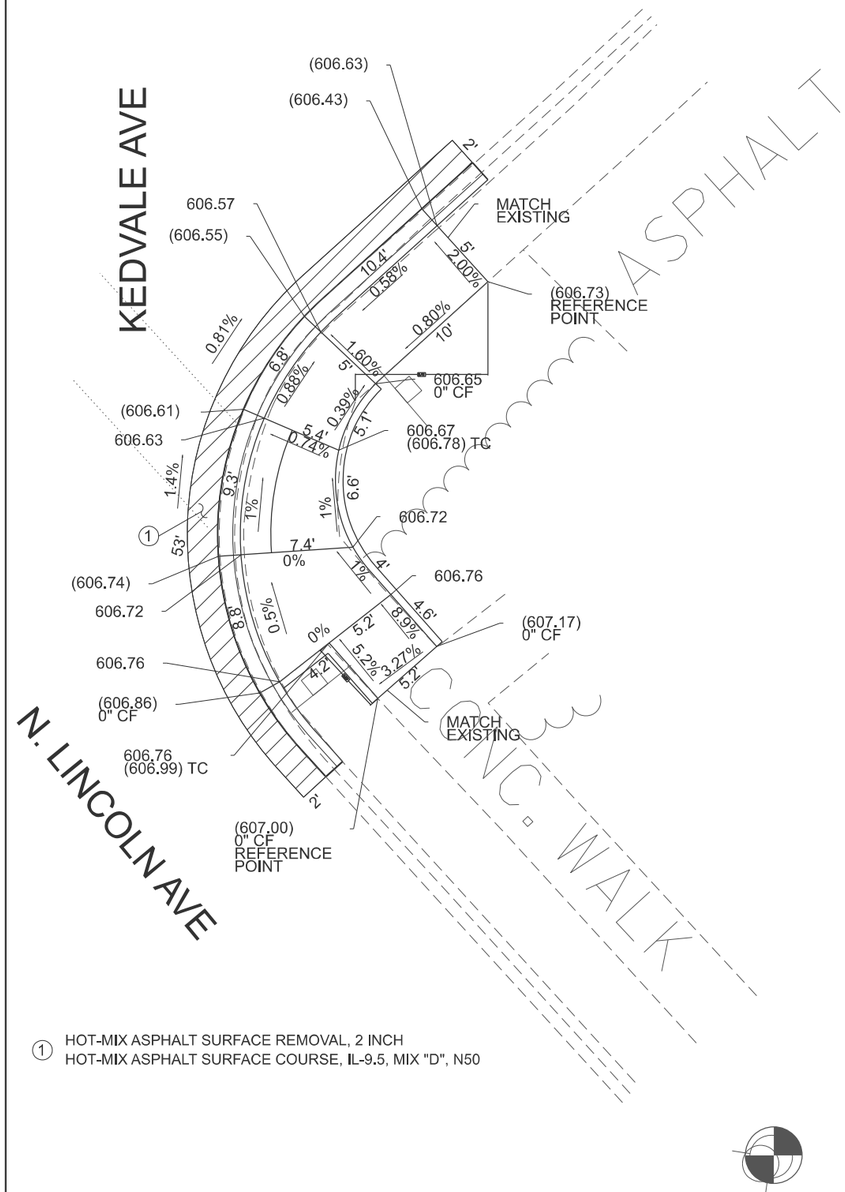
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP PLAN
U.S. ROUTE 41 (N. LINCOLN AVE.) & KEDVALE AVE.

SCALE: Full Size 1 = 1 | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	34
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			





REFERENCE BENCHMARK ELEVATION: 609.355

BENCHMARK: "X" CUT ON SOUTHEAST BOLT ON FIRE HYDRANT

LOCATION: NORTHEAST QUADRANT OF LINCOLN AVE. AND KEDVALE AVE.

LEGEND

- EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

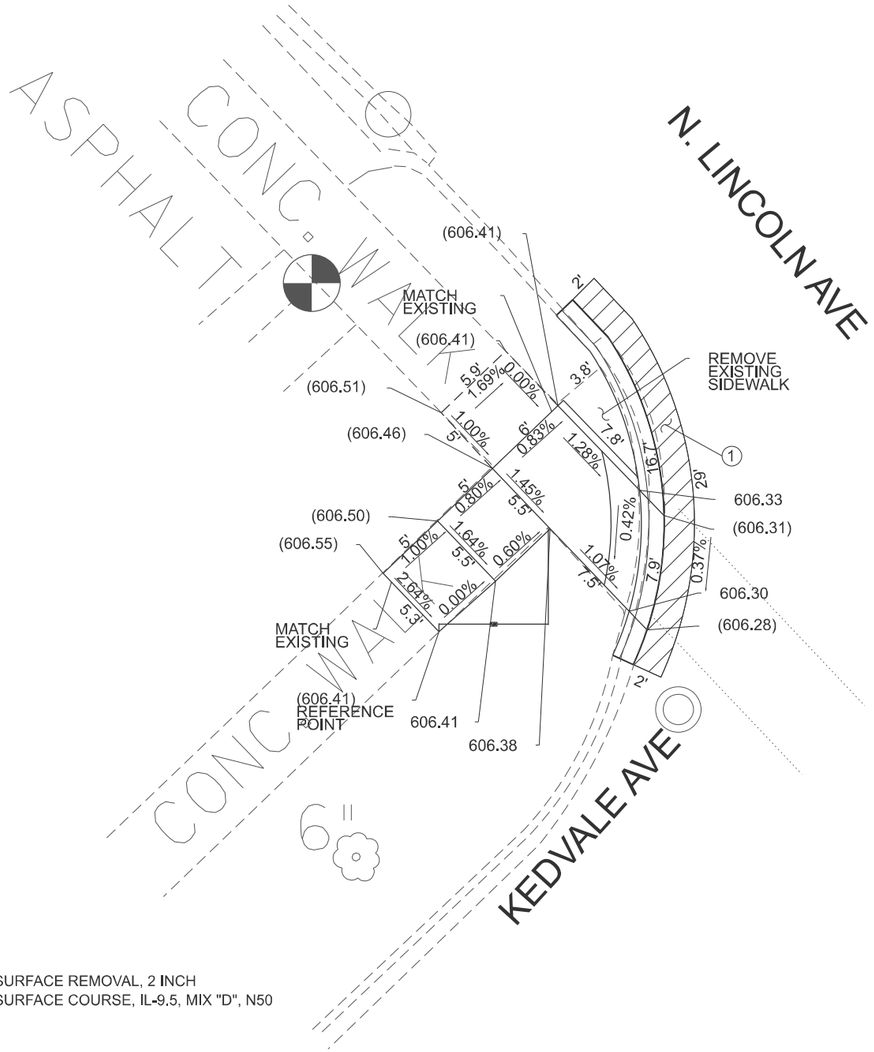
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
U.S. ROUTE 41 (N. LINCOLN AVE.) & KEDVALE AVE.

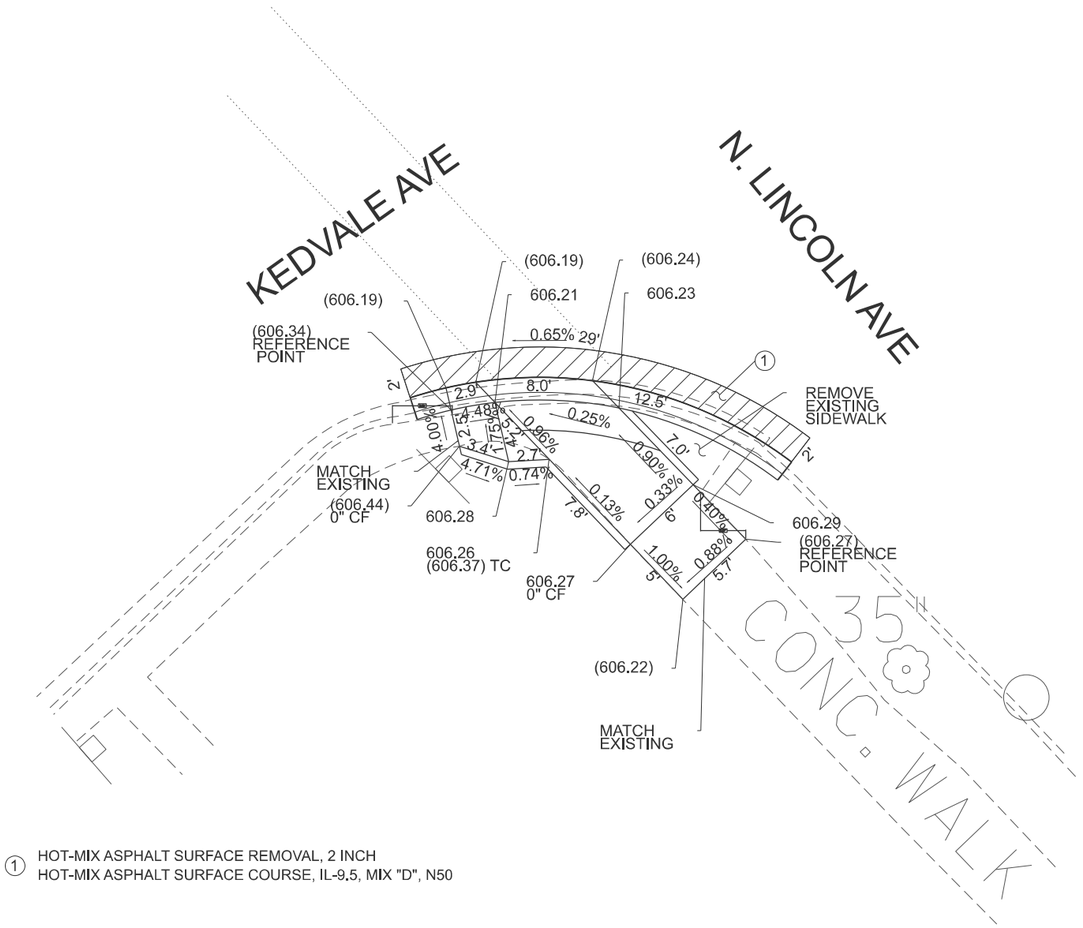
SCALE: | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	35
		CONTRACT NO. 62R02		
	ILLINOIS	FED. AID PROJECT		

MODEL: Kedvale Ave, NE [Sheet]
FILE NAME: c:\pw_work\pwdot\hassannid\d0905386\D108022-sht-ADA-01.dgn



① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50



① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50

REFERENCE BENCHMARK ELEVATION: 606.586

BENCHMARK: SQUARE CUT ON NORTHWEST SERVICE SIDEWALK

LOCATION: SOUTHWEST QUADRANT OF LINCOLN AVE. AND KEDVALE AVE.

LEGEND

- EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
U.S. ROUTE 41 (N. LINCOLN AVE.) & KEDVALE AVE.

SCALE: | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	36
		CONTRACT NO. 62R02		
	ILLINOIS	FED. AID PROJECT		

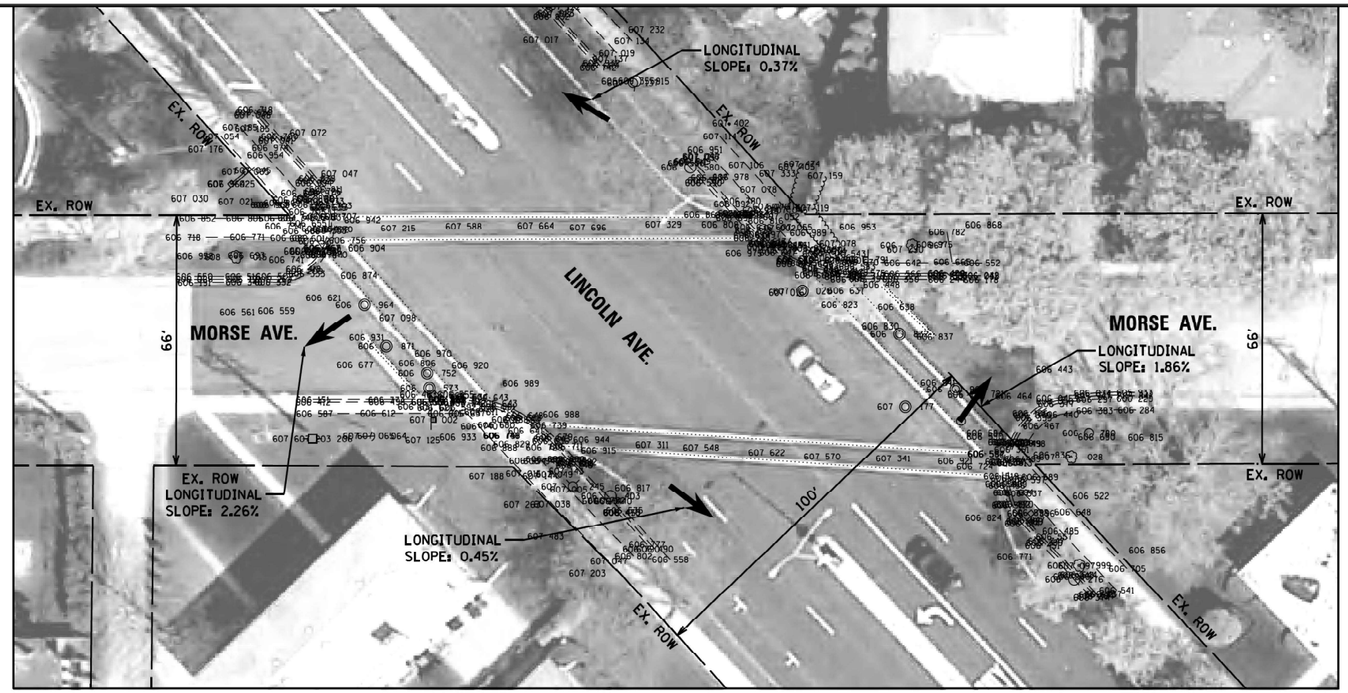
MODEL: Kedvale Ave. NW [Sheet]
FILE NAME: c:\pw_work\pwidot\hassanmd\d0905386\D1108022-sht-ADA-01.dgn



NORTHWEST CORNER



SOUTHWEST CORNER



EXISTING

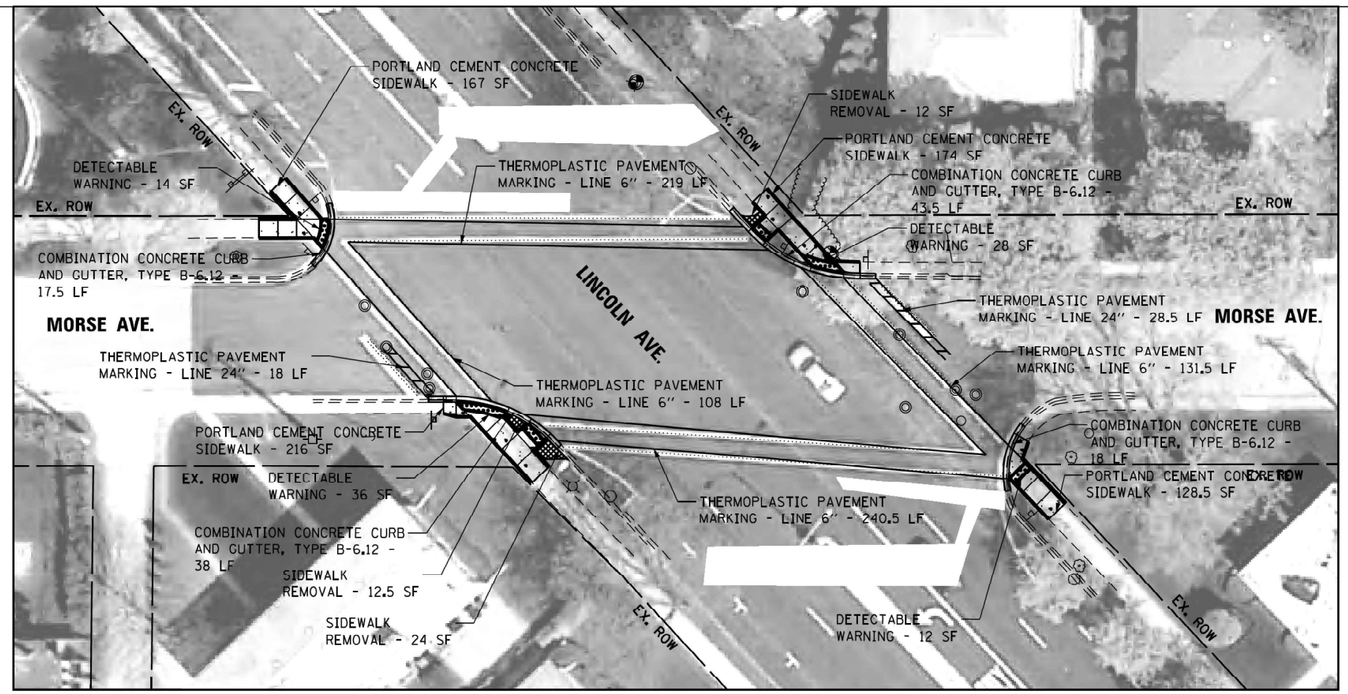




NORTHEAST CORNER



SOUTHEAST CORNER



PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- REMOVE AND REPLACE SIDEWALK
- 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.

MODEL: Morse Ave. [Sheet]
FILE NAME: c:\pw_work\pwidothassanm\d0905386\D1080122-sht-plan.dgn

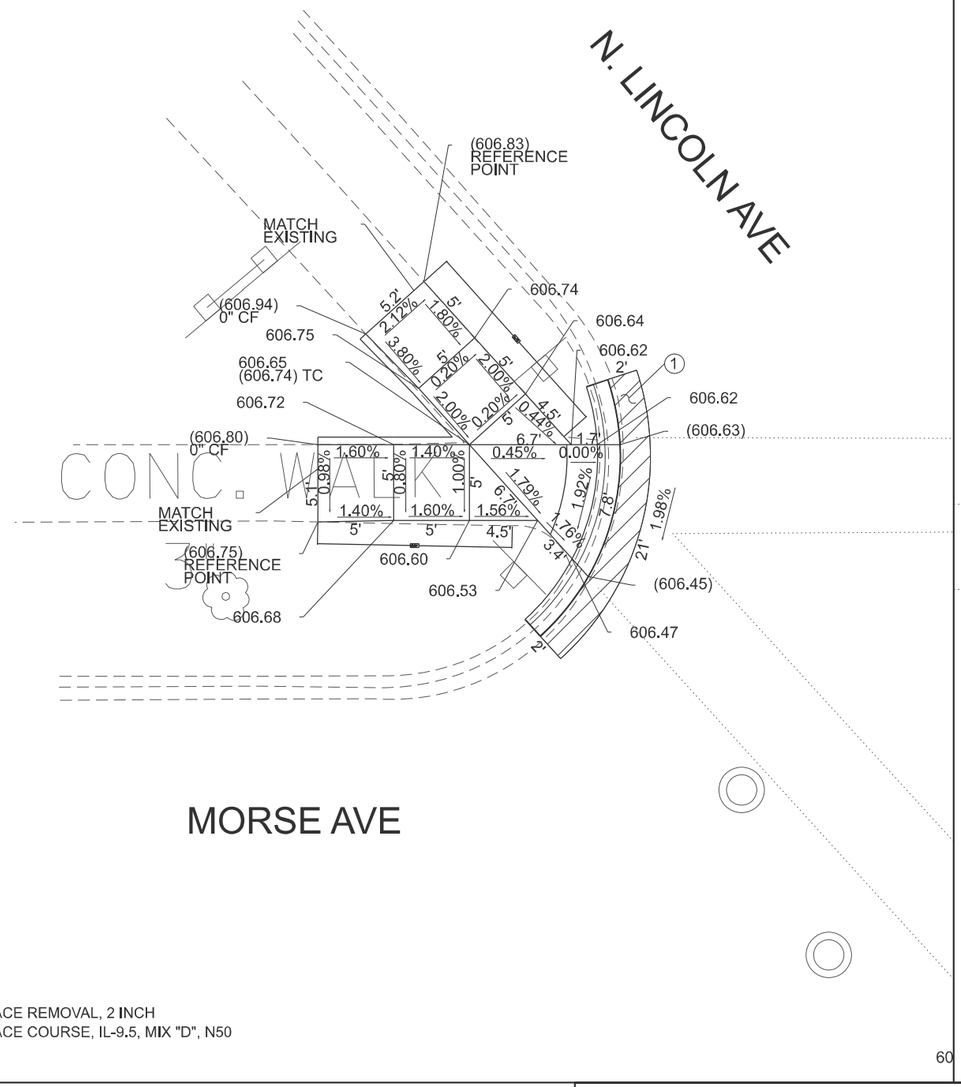
USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

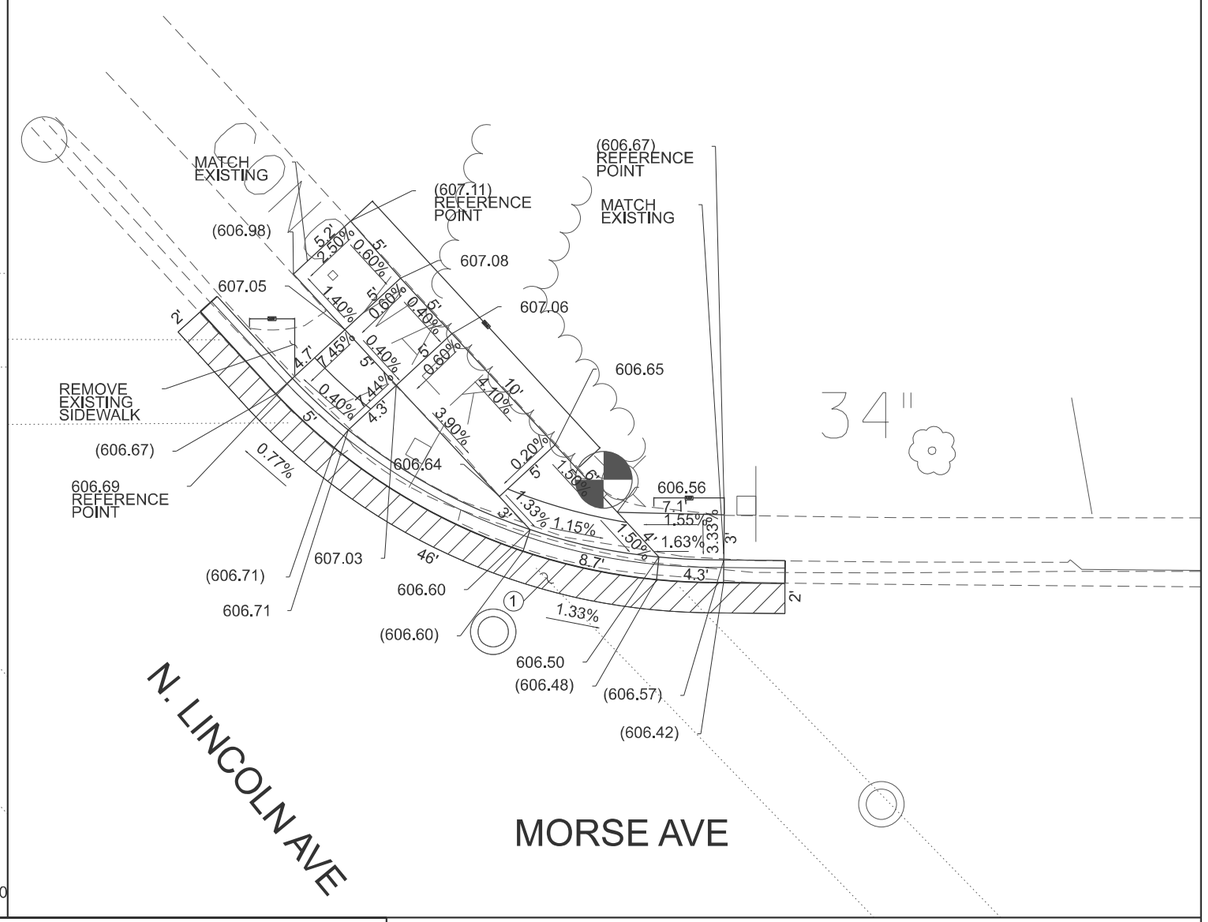
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP PLAN
U.S. ROUTE 41 (N. LINCOLN AVE.) & MORSE AVE.

SCALE: Full Size 1 = 1 | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	37
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			





REFERENCE BENCHMARK ELEVATION: 607.147

BENCHMARK: "X" CUT AT SOUTH SIDE OF CONCRETE BASE OF LIGHT POLE

LOCATION: NORTHEAST QUADRANT OF LINCOLN AVE. AND MORSE AVE.

LEGEND

- EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

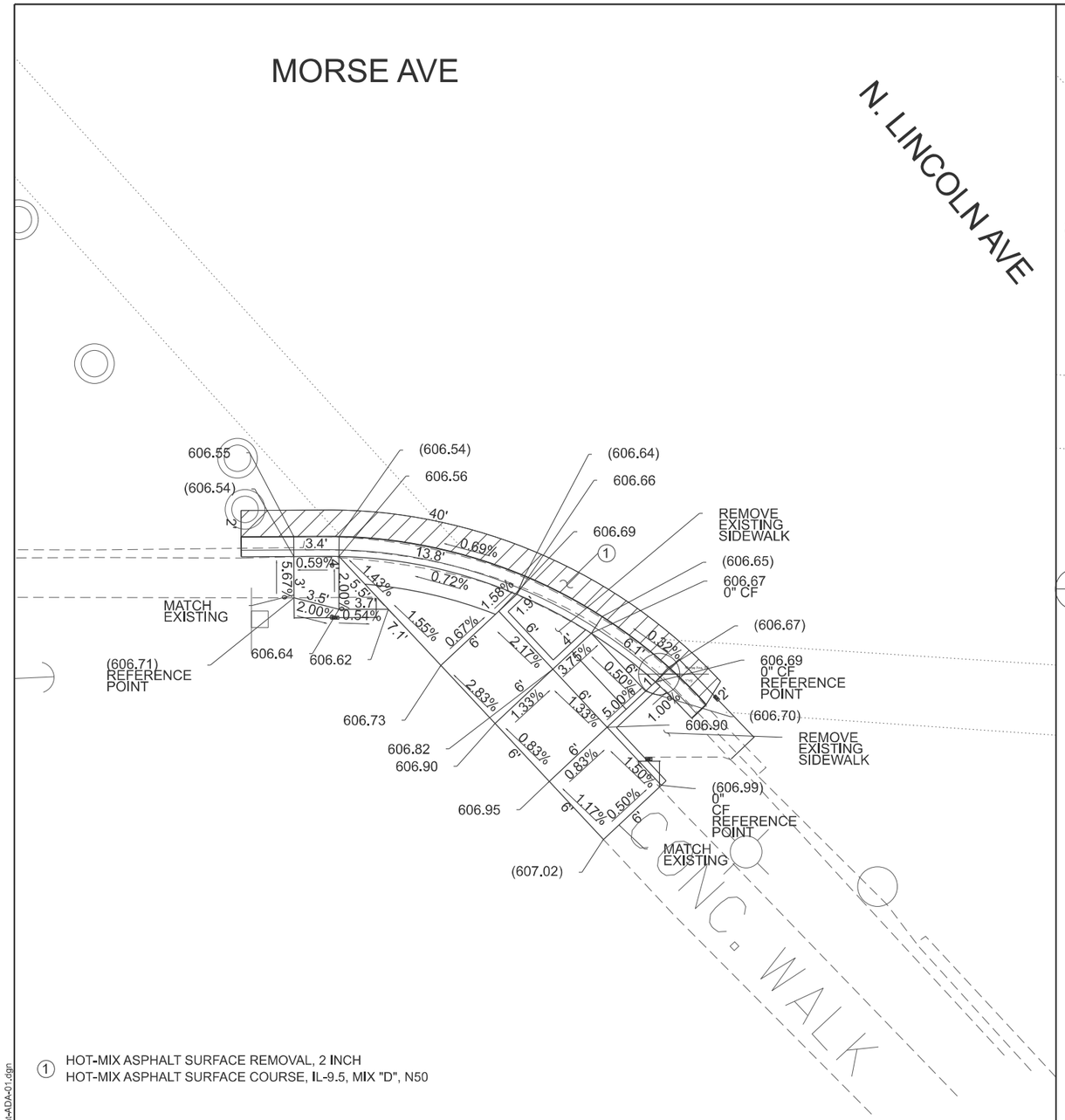
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
U.S. ROUTE 41 (N. LINCOLN AVE.) & MORSE AVE.

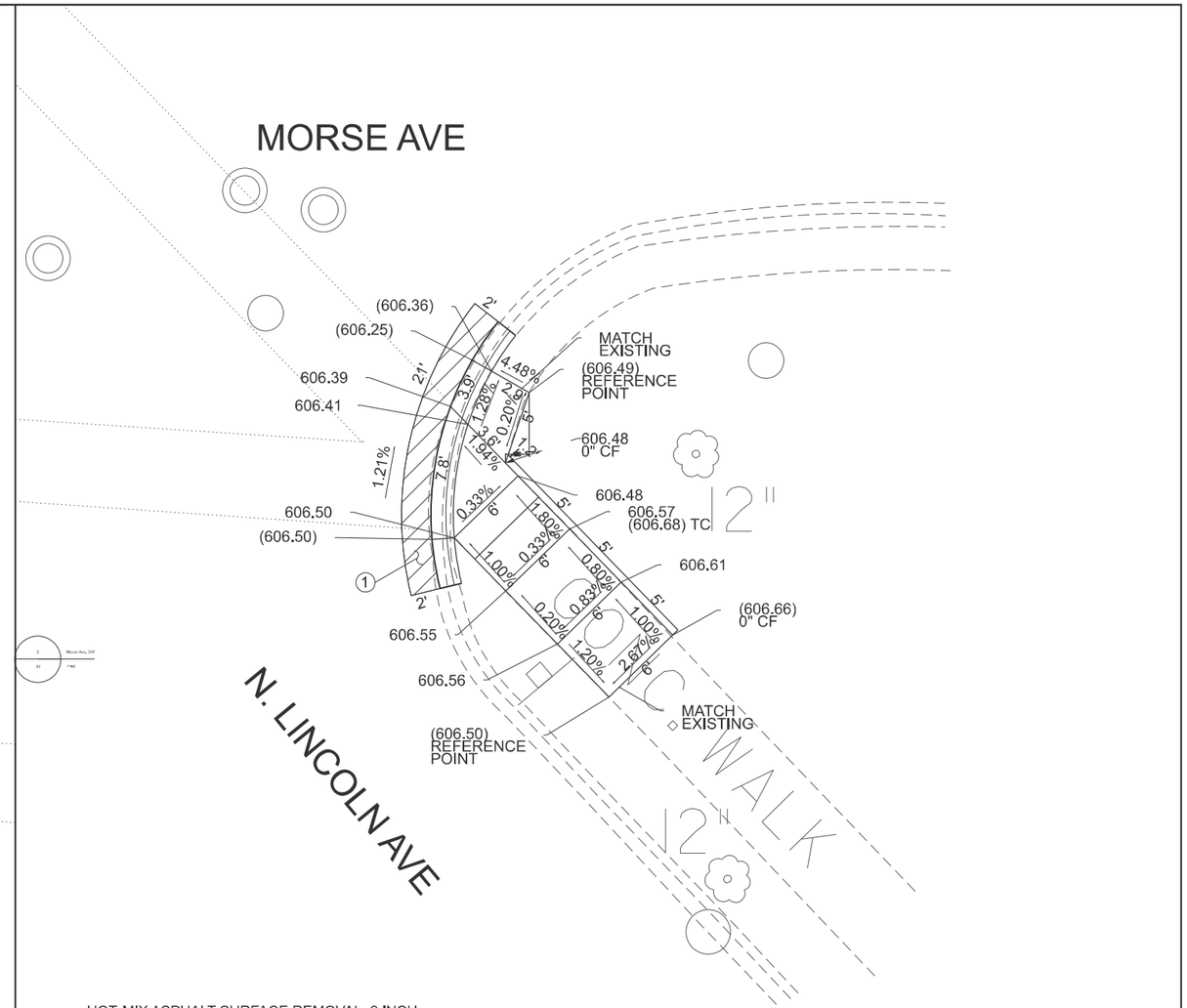
SCALE: | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	38
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			

MODEL: Morse Ave. NW [Sheet]
FILE NAME: c:\dw_work\pwdot\hassannd\d0905386\D108022-sht-ADA-01.dgn



① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50



① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50

REFERENCE BENCHMARK ELEVATION: 607.147

BENCHMARK: "X" CUT ON SOUTH SIDE OF CONCRETE BASE OF LIGHT POLE

LOCATION: NORTHEAST QUADRANT OF LINCOLN AVE. AND MORSE AVE.

LEGEND

- EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

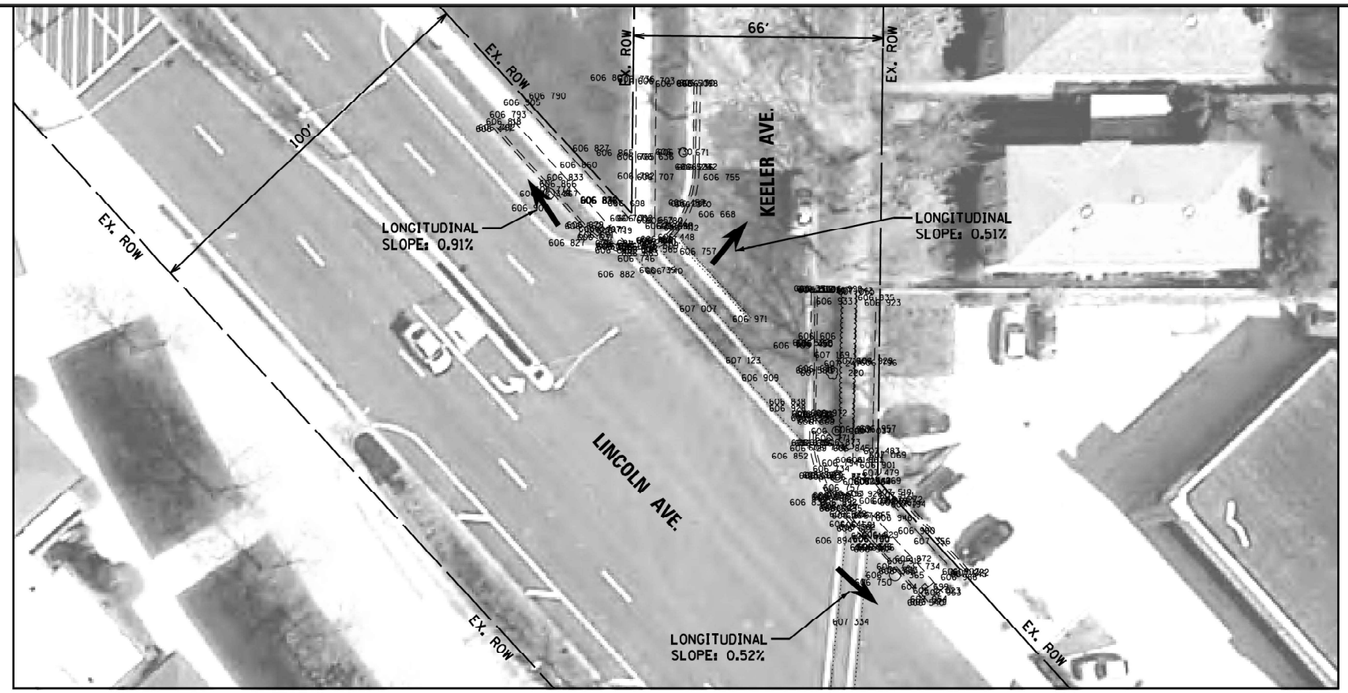
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
U.S. ROUTE 41 (N. LINCOLN AVE.) & MORSE AVE.

SCALE: | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	39
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			

MODEL: Morse Ave. SW [Sheet]
FILE NAME: c:\pw_work\pwdot\hassannd\d0905386\D108022-sht-ADA-01.dgn



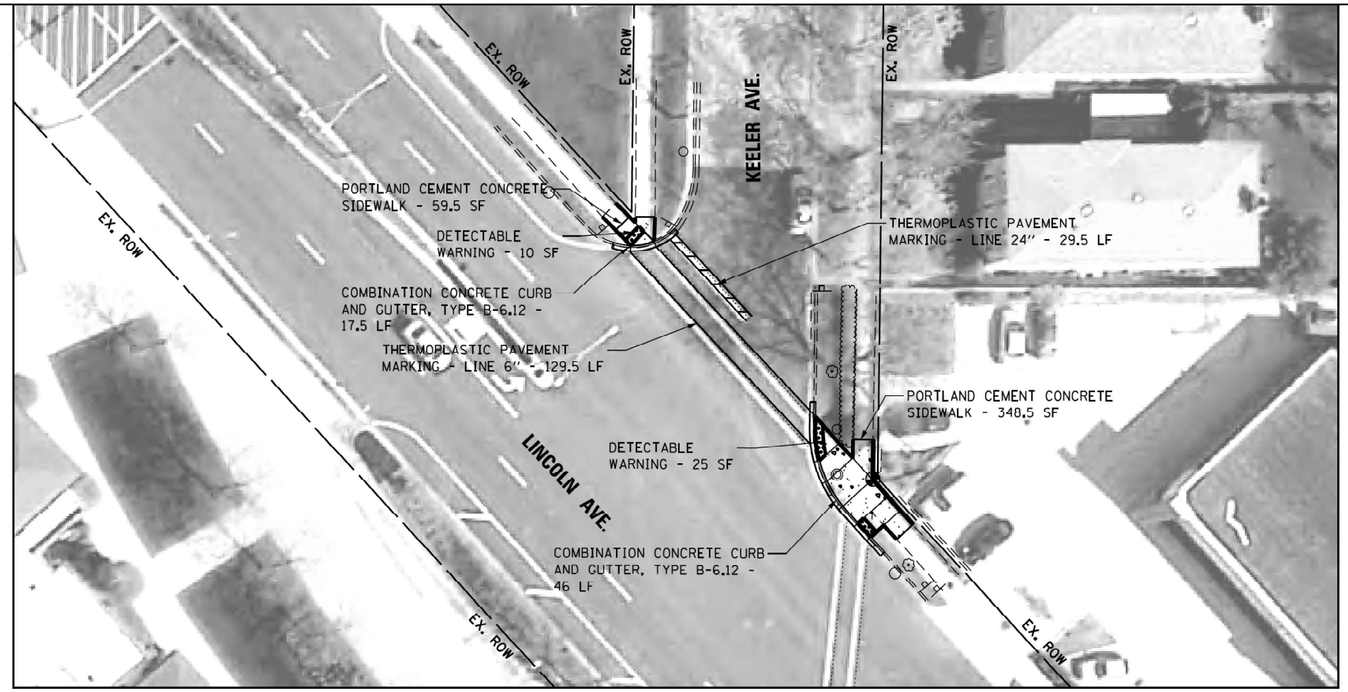
EXISTING



NORTHEAST CORNER



SOUTHEAST CORNER



PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- REMOVE AND REPLACE SIDEWALK
- 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.

MODEL: Keeler Ave. [Sheet]
FILE NAME: c:\pw_work\pwidot\hassamd\d0905386\D1080122-sht-plan.dgn

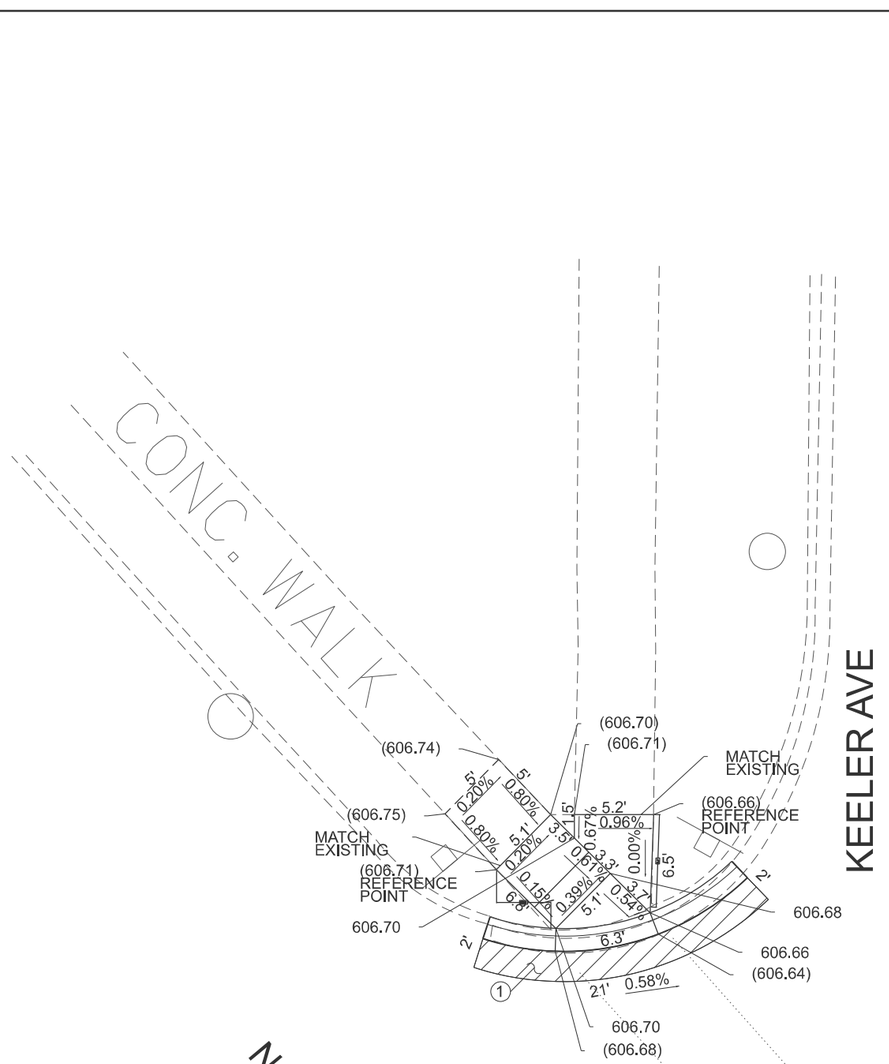
USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

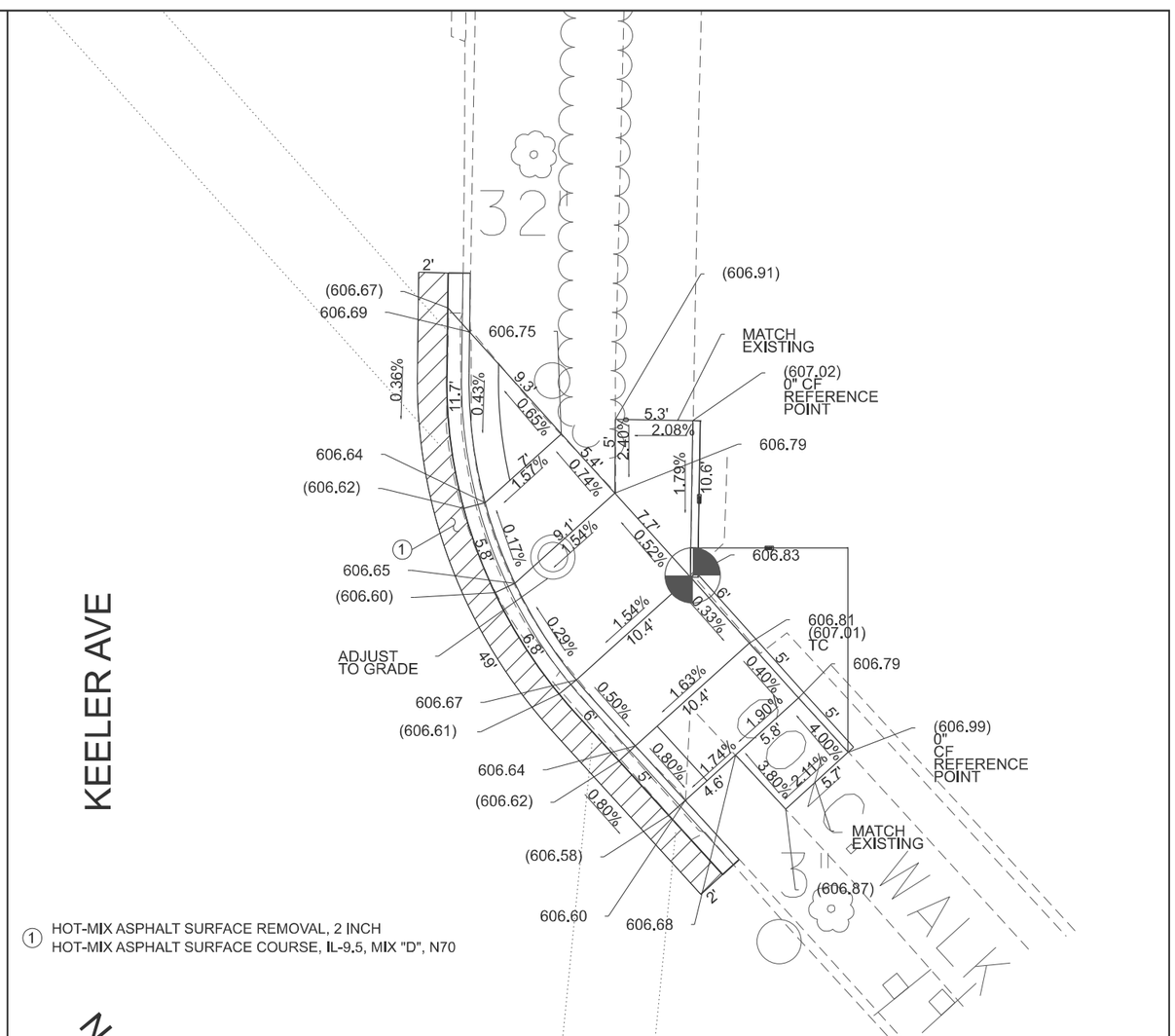
CURB RAMP PLAN
U.S. ROUTE 41 (N. LINCOLN AVE.) AT KEELER AVE.

SCALE: Full Size 1 = 1 | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	40
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			



① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70



① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70

REFERENCE BENCHMARK ELEVATION: 607.537

BENCHMARK: SQUARE CUT AT CURB BY STREET SIGN

LOCATION: NORTHEAST QUADRANT OF LINCOLN AVE. AND KEELER AVE.

LEGEND

- EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

MODEL: Keeler Ave, NE [Sheet]
FILE NAME: c:\pw_work\pwidot\hassannd\d0905386\D108022-sht-ADA-02.dgn

USER NAME = naveed.hassan	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 1/24/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

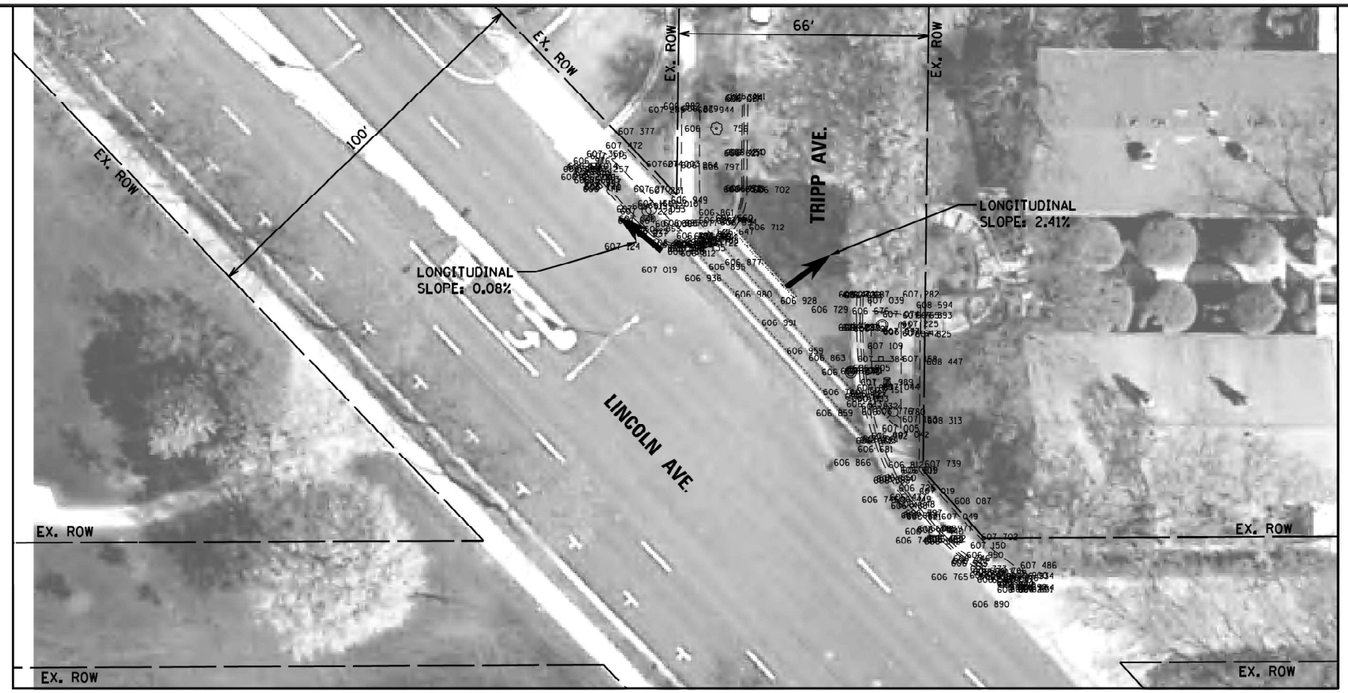
CURB RAMP DETAILS
U.S. ROUTE 41 (N. LINCOLN AVE.) AT KEELER AVE.

SCALE: | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	41
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			



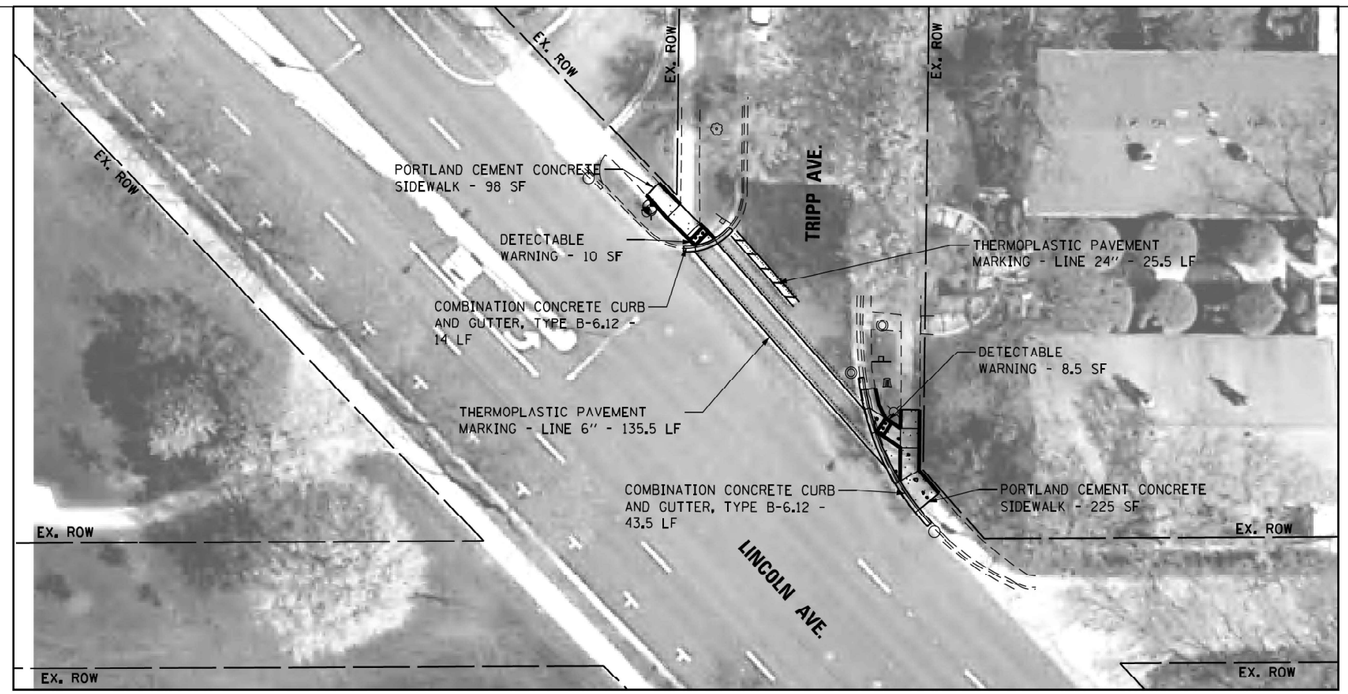
NORTHWEST CORNER



EXISTING



NORTHEAST CORNER



PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- REMOVE AND REPLACE SIDEWALK
- 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.

MODEL: Tripp Ave. [Sheet]
FILE NAME: c:\pw_work\pwidothassanm\d0905386\D1080122-sht-plan.dgn

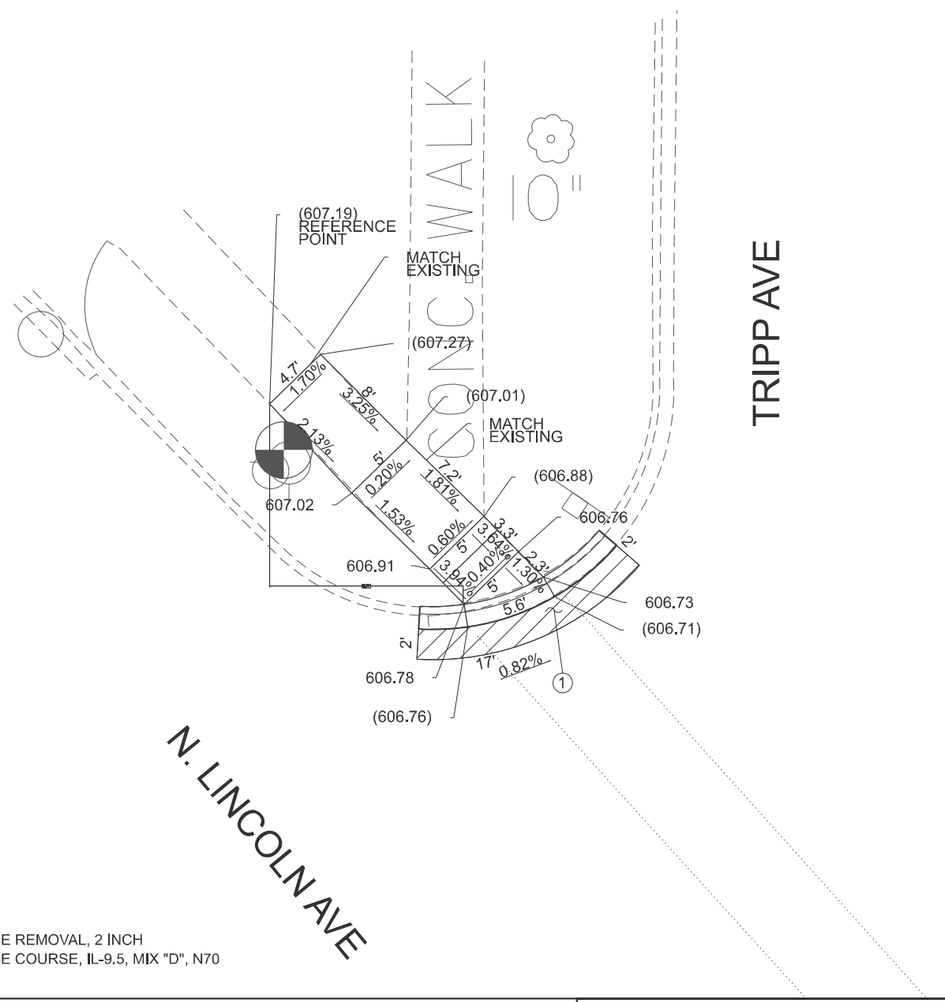
USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

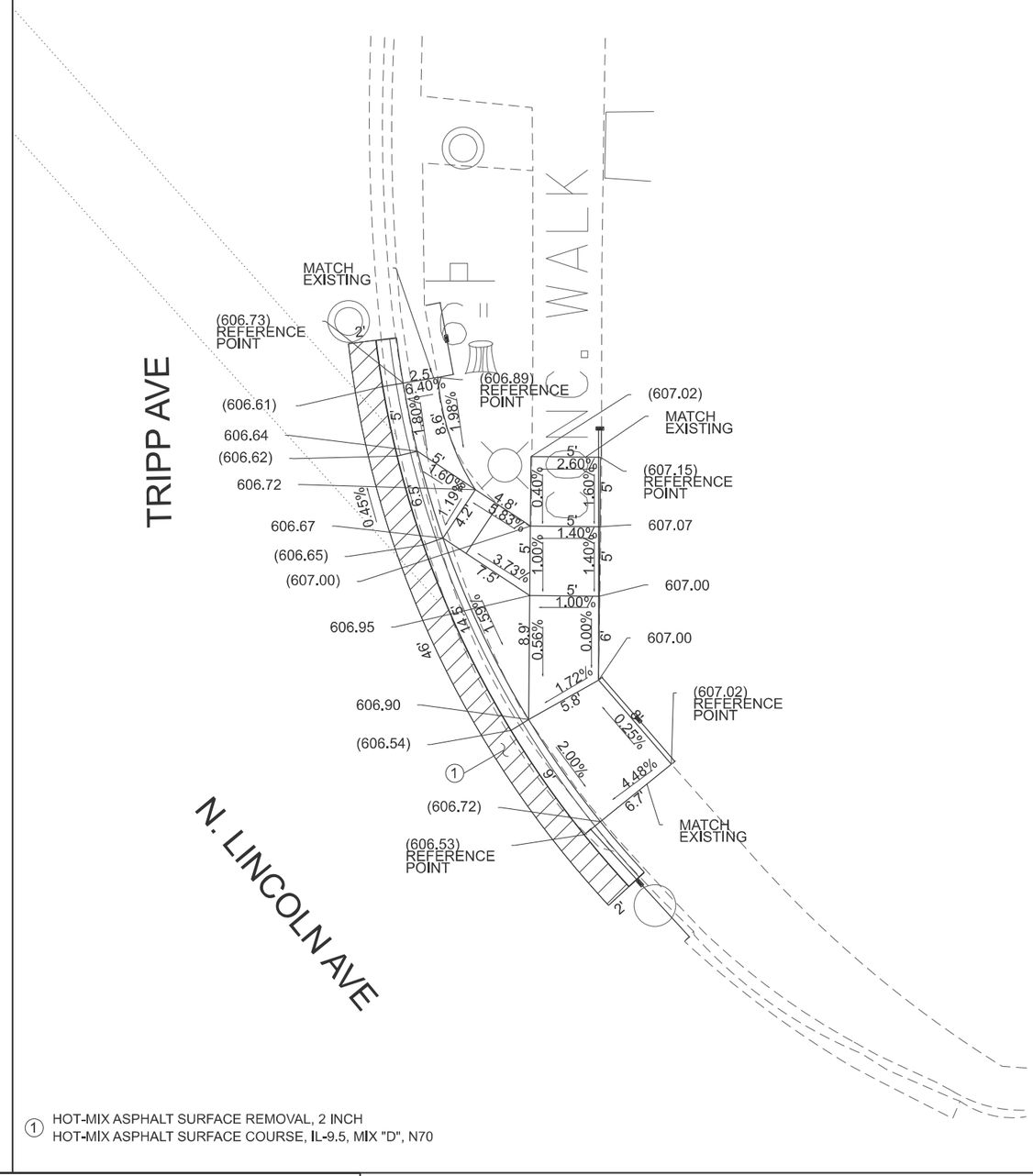
CURB RAMP PLAN
U.S. ROUTE 41 (N. LINCOLN AVE.) AT TRIPP AVE.

SCALE: Full Size 1 = 1 | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	42
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			



① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70



① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70

REFERENCE BENCHMARK ELEVATION: 609.515

BENCHMARK: "X" CUT AT NORTH BOLT OF FIRE HYDRANT

LOCATION: NORTHWEST QUADRANT OF LINCOLN AVE. AND TRIPP AVE.

LEGEND

- EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
U.S. ROUTE 41 (N. LINCOLN AVE.) AT TRIPP AVE.

SCALE: | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	43
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			

MODEL: Tripp Ave. NE [Sheet]
FILE NAME: c:\pw_work\pwdot\hassannd\d0905386\D1108022-sht-ADA-02.dgn

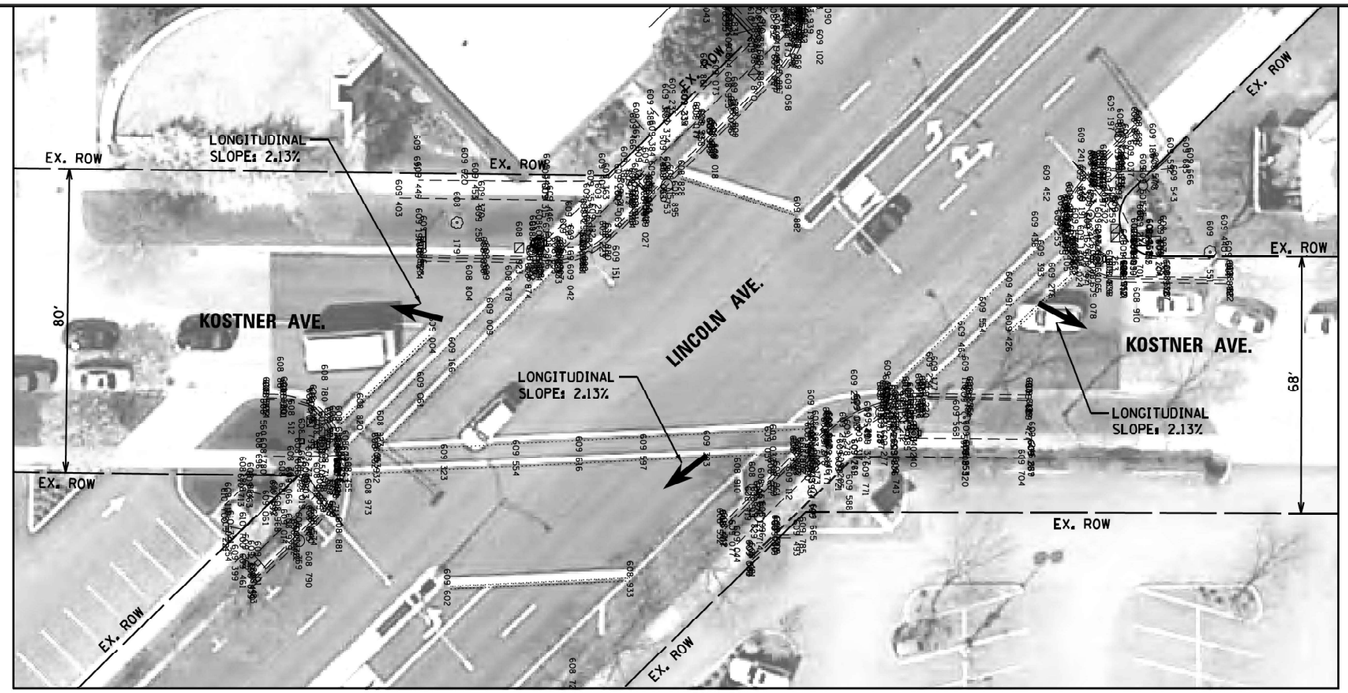




SOUTHWEST CORNER



SOUTHEAST CORNER



EXISTING

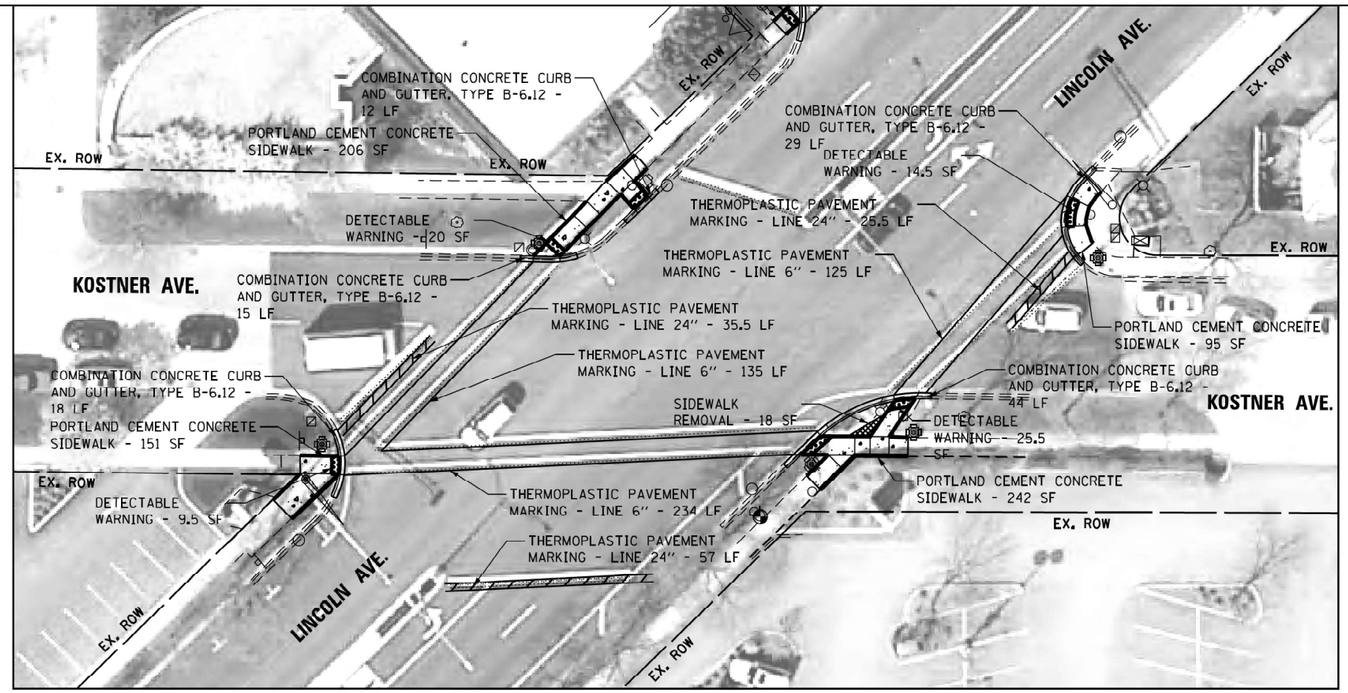


NORTHWEST CORNER





NORTHEAST CORNER



PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- REMOVE AND REPLACE SIDEWALK
- 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.

0 20 40 60
SCALE IN FEET

MODEL: Kostner Ave [Sheet]
FILE NAME: c:\pw_work\pwidot\hassamn\d0905386\D1080122-sht-plan.dgn

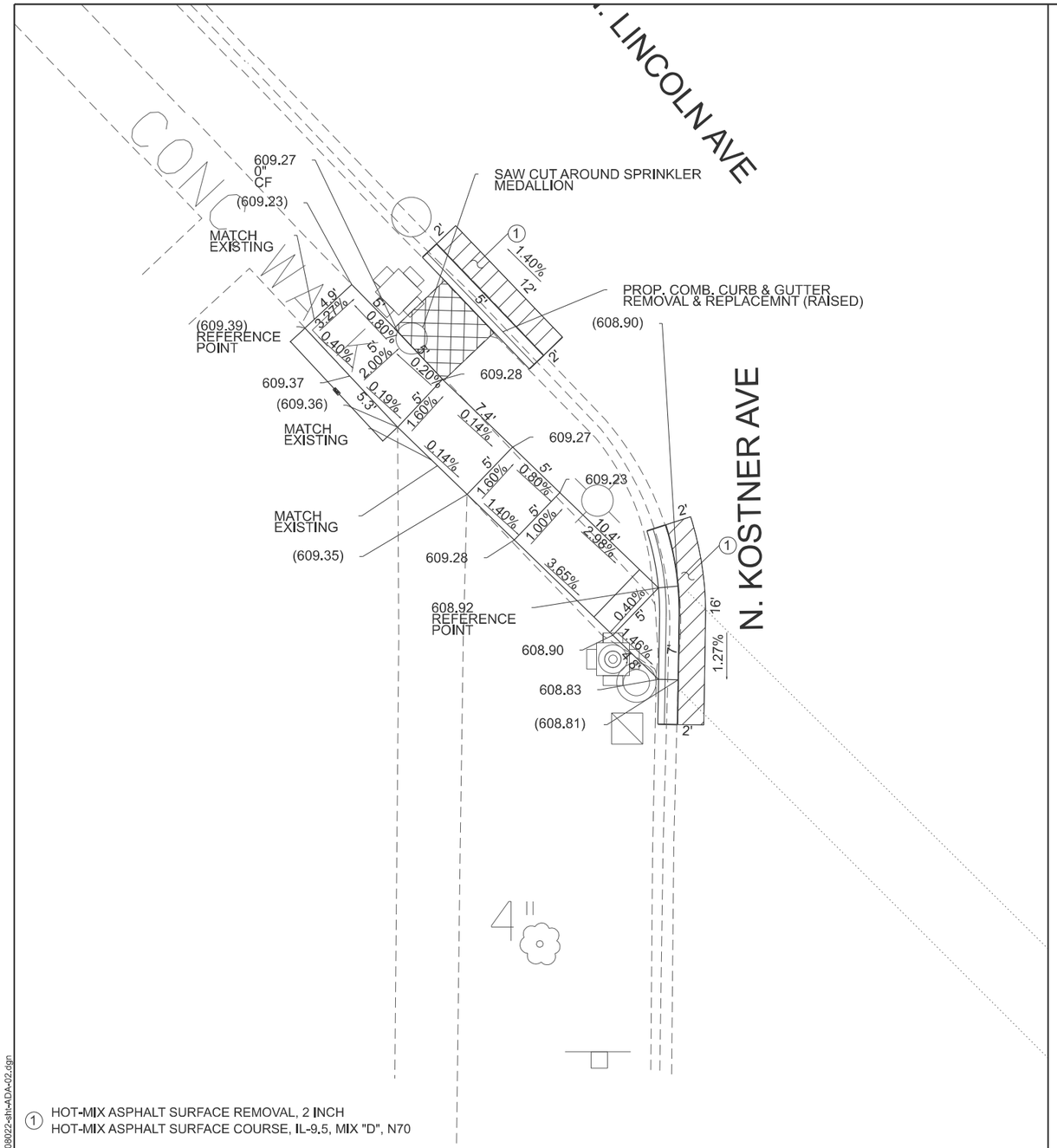
USER NAME = naveed.hassan	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 1/24/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

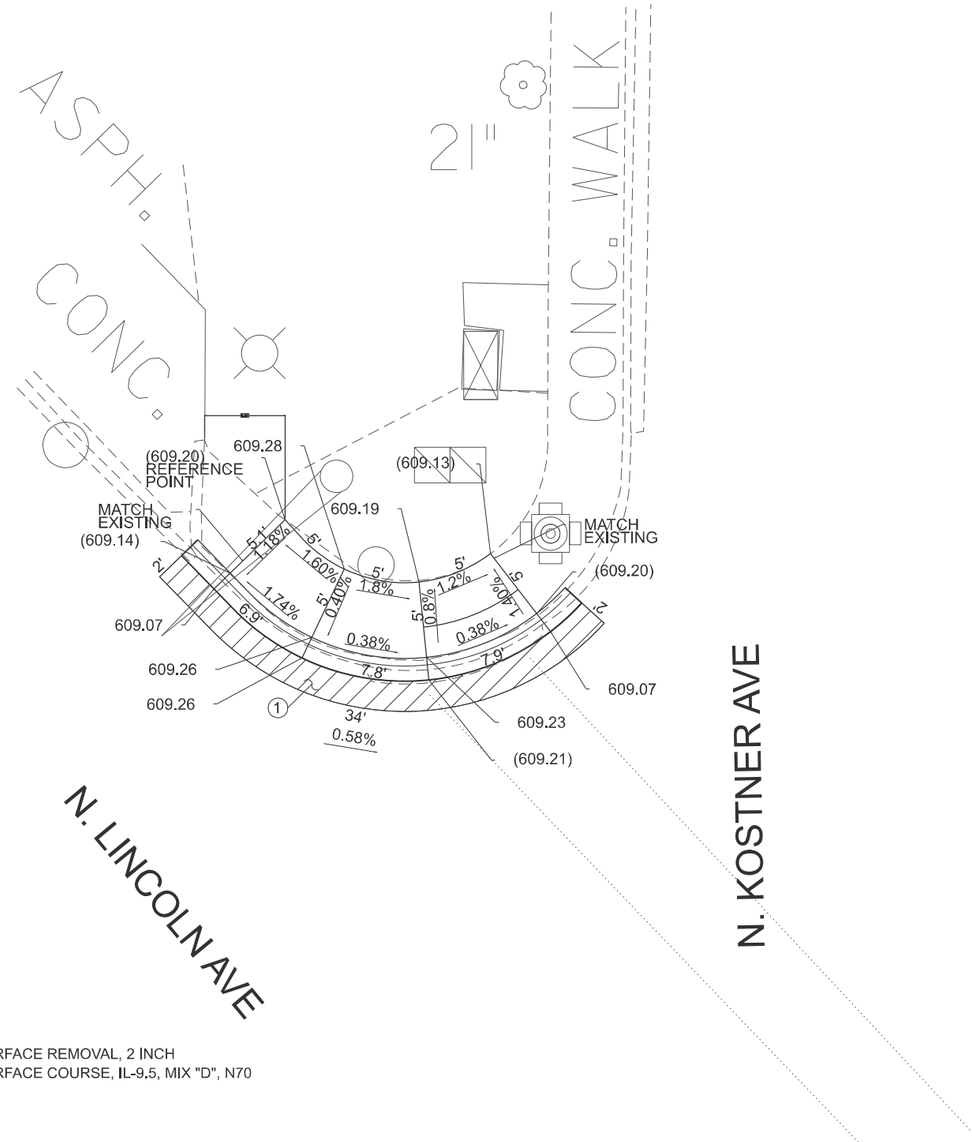
CURB RAMP PLAN
U.S. ROUTE 41 (N. LINCOLN AVE.) AT N. KOSTNER AVE.

SCALE: Full Size 1 = 1 | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	44
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			



① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70



① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70

REFERENCE BENCHMARK ELEVATION: 611.121

BENCHMARK: "X" CUT AT NORTH BOLT OF FIRE HYDRANT

LOCATION: NORTHEAST QUADRANT OF LINCOLN AVE. AND KOSTNER AVE.

LEGEND

- EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
  REPLACE W/TOPSOIL & SOD

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

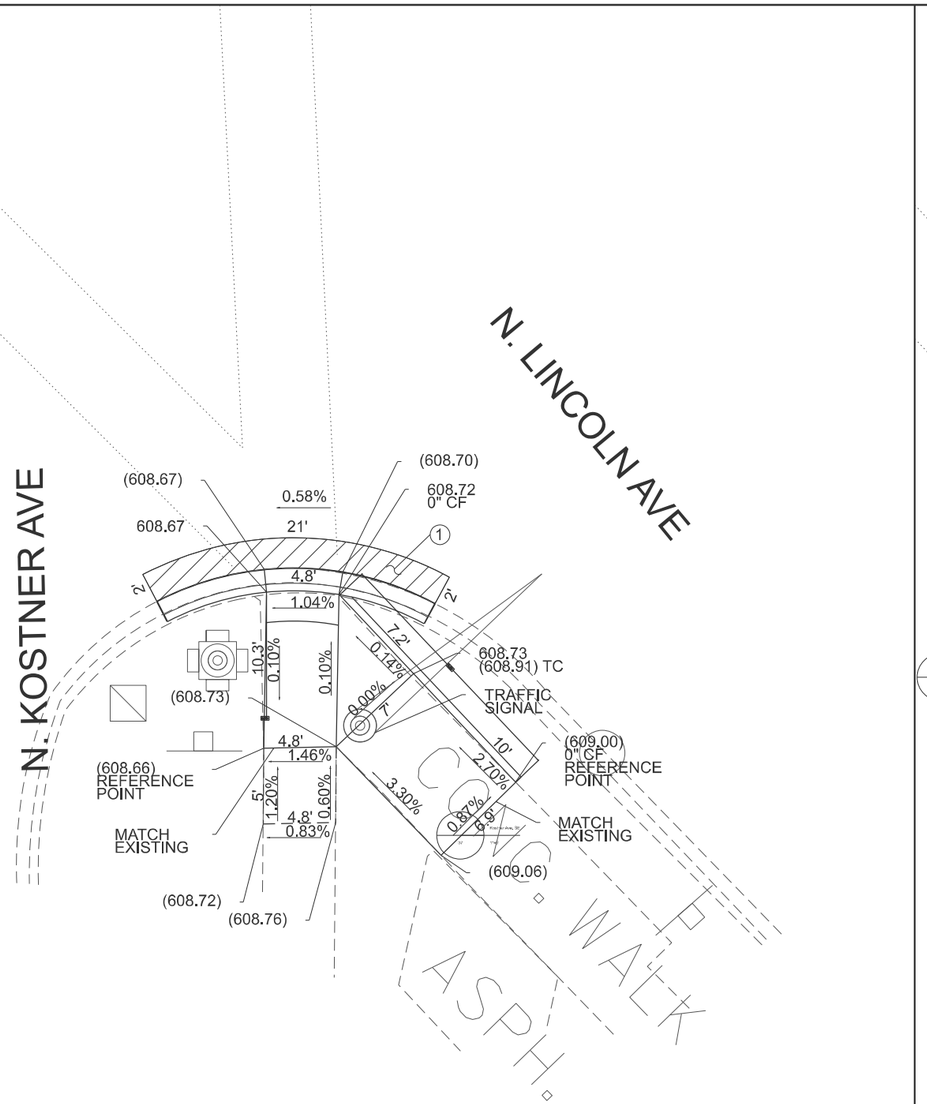
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

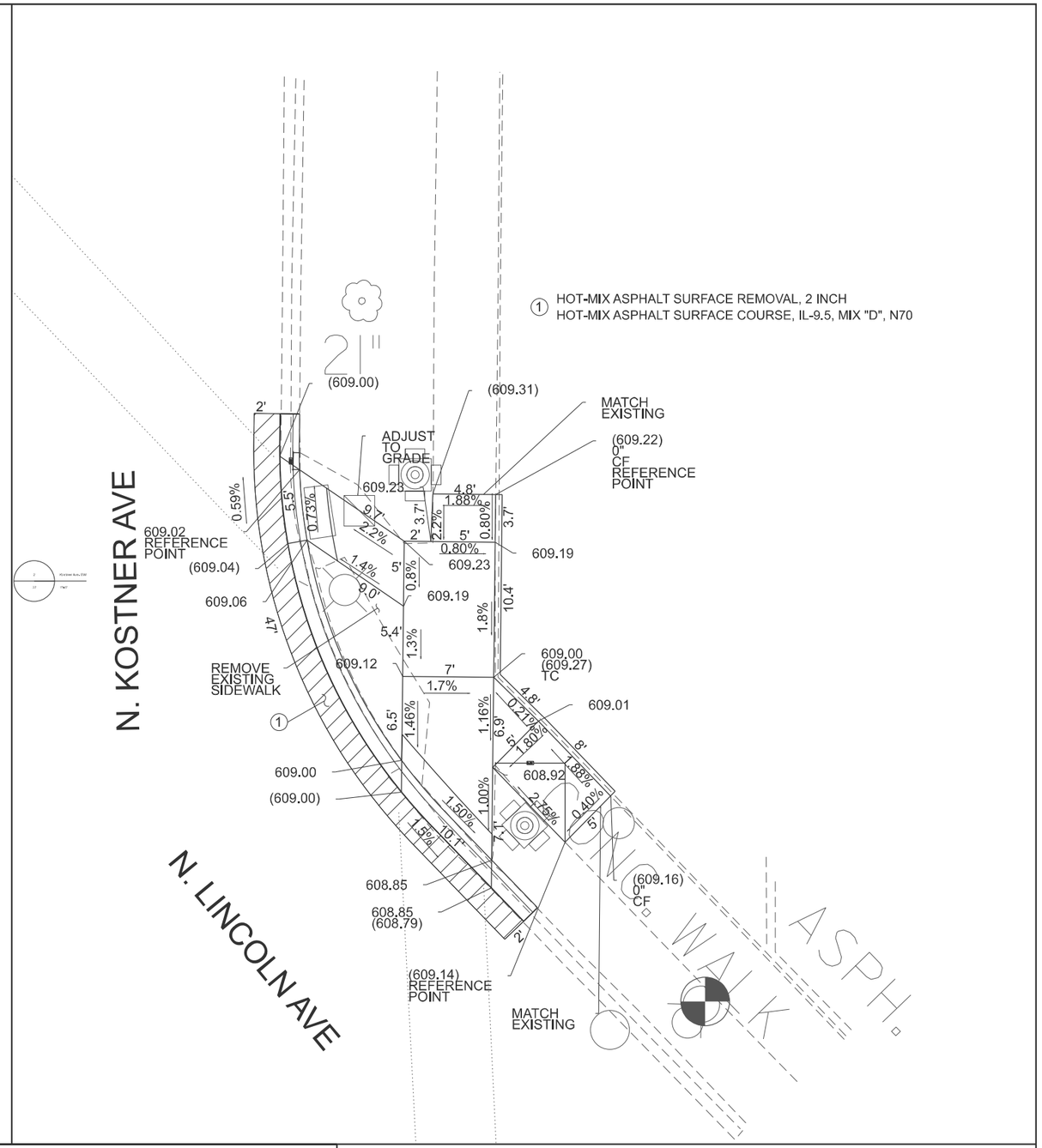
CURB RAMP DETAILS
U.S. ROUTE 41 (N. LINCOLN AVE.) AT N. KOSTNER AVE.

SCALE: | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	45
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			

MODEL: Kostner Ave. NW [Sheet]
FILE NAME: c:\pw_work\pwidot\hassannd\d0905386\D108022-sht-ADA-02.dgn





① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70

① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70

REFERENCE BENCHMARK ELEVATION: 611.121

BENCHMARK: "X" CUT AT NORTH BOLT OF FIRE HYDRANT

LOCATION: NORTHEAST QUADRANT OF LINCOLN AVE. AND KOSTNER AVE.

LEGEND

- EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

MODEL: Kostner Ave. SW [Sheet]
FILE NAME: c:\pw_work\pwdot\hassannd\d0905386\D1108022-sht-ADA-02.dgn

USER NAME = naveed.hassan	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 1/24/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
U.S. ROUTE 41 (N. LINCOLN AVE.) AT N. KOSTNER AVE.

SCALE: | SHEET OF 86 SHEETS | STA. | TO STA.

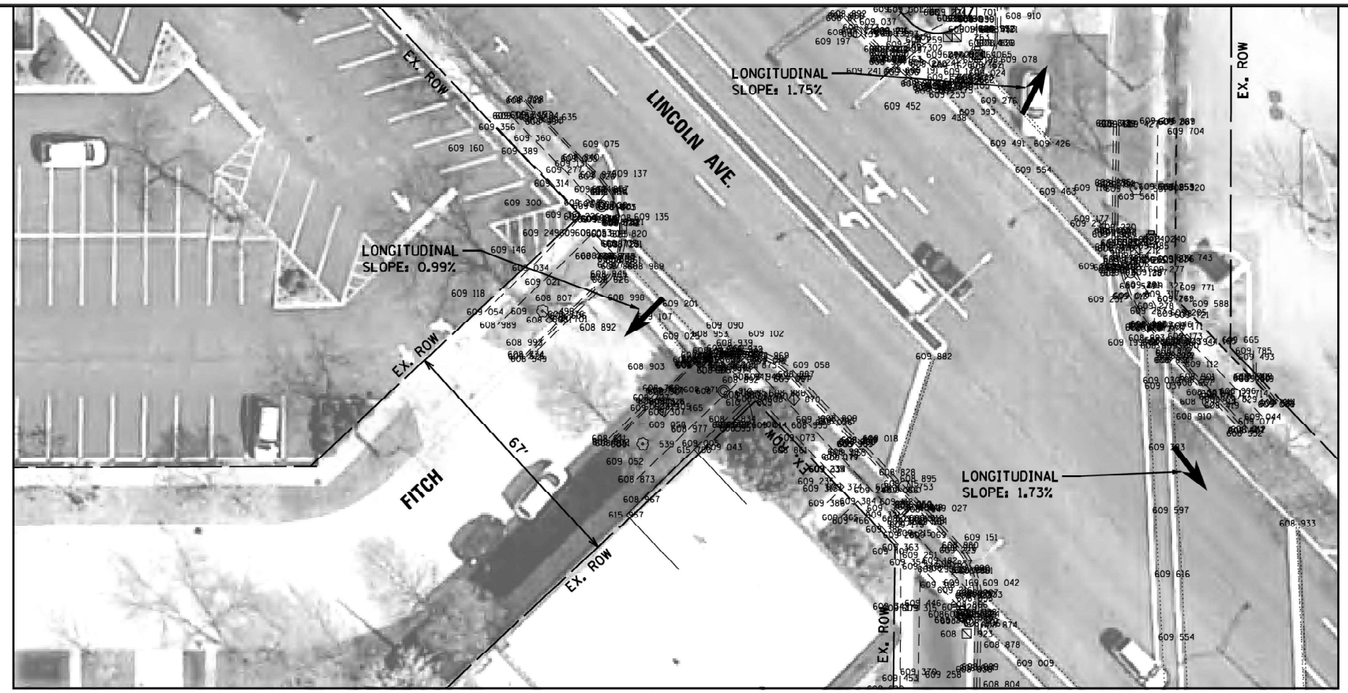
F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	46
		CONTRACT NO. 62R02		
	ILLINOIS	FED. AID PROJECT		



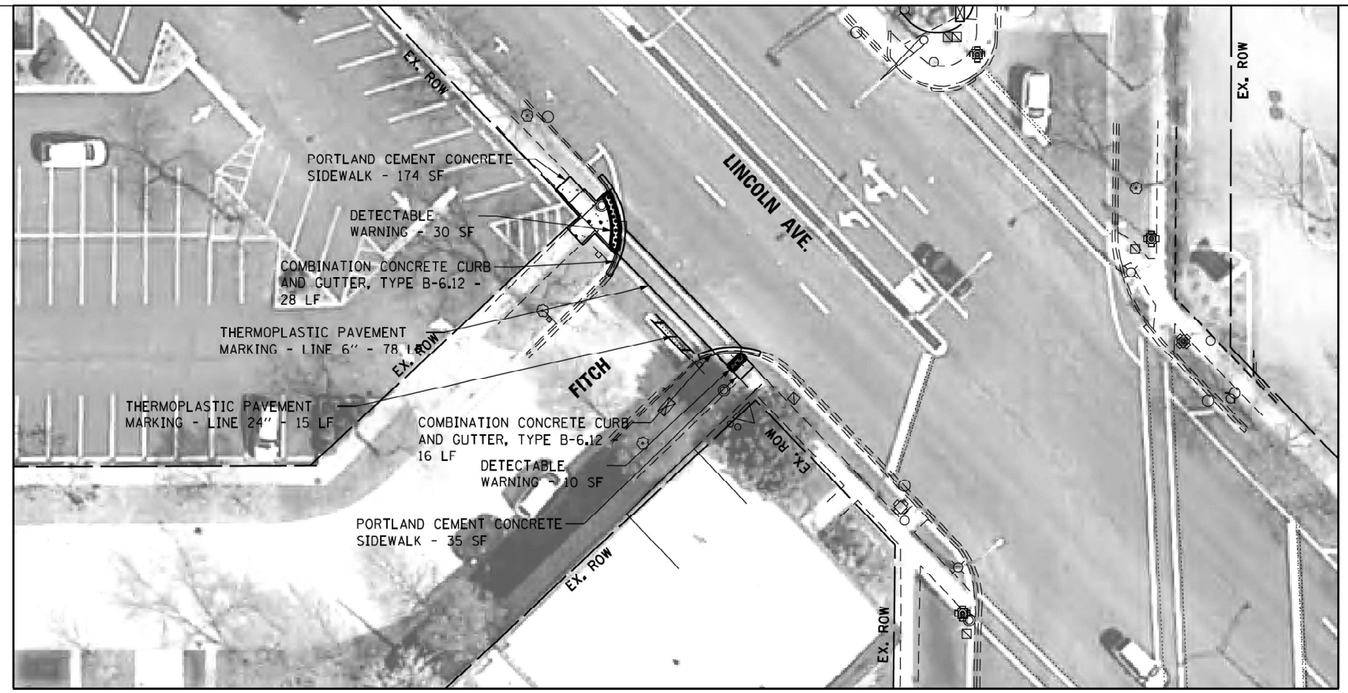
NORTHWEST CORNER



SOUTHWEST CORNER (FITCH)



EXISTING



PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- REMOVE AND REPLACE SIDEWALK
- 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.

MODEL: Fitch Ave [Sheet]
FILE NAME: c:\pw_work\pwidot\hassanm\d0905386\D1080122-sht-plan.dgn

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

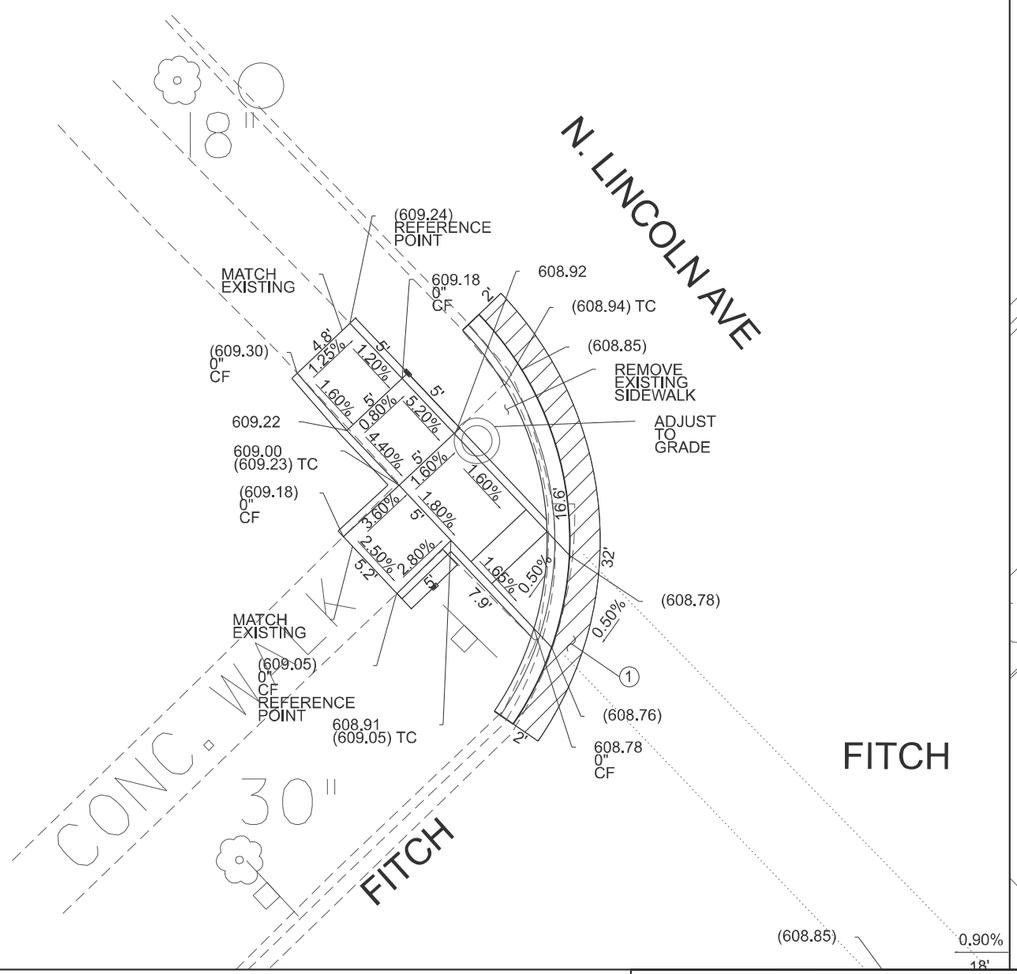
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP PLAN
U.S. ROUTE 41 (N. LINCOLN AVE.) AT FITCH AVE.

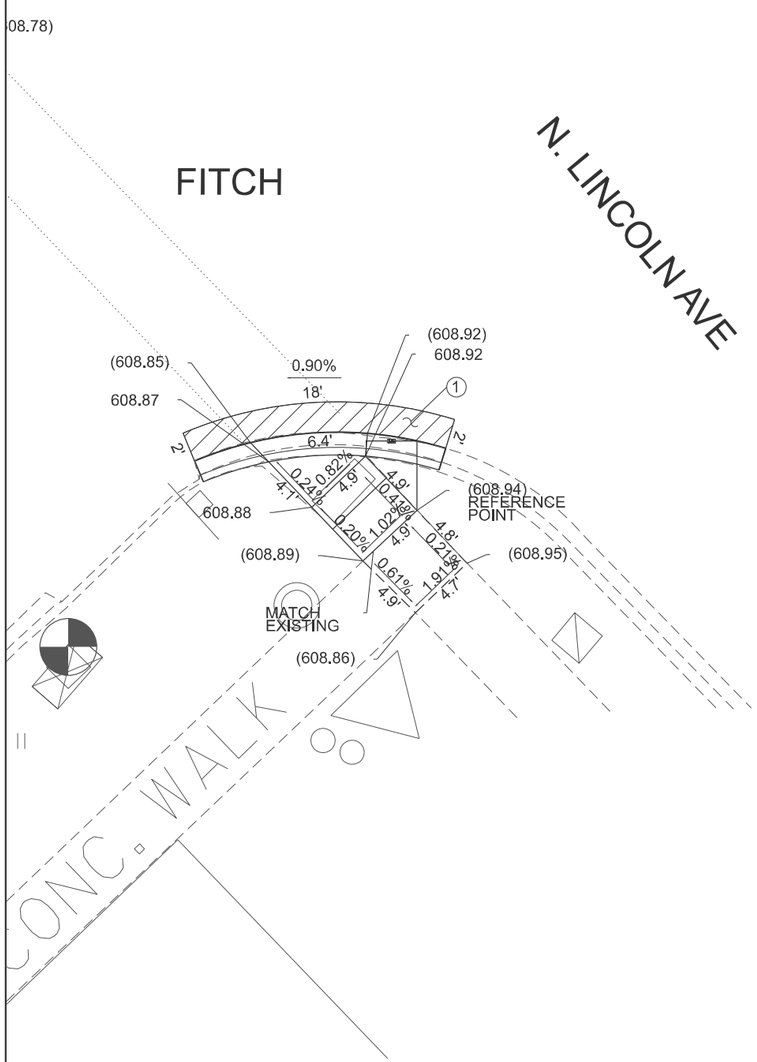
SCALE: Full Size 1 = 1 | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	47
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			

① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70



FITCH
N. LINCOLN AVE
CONC. WALK



① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70

REFERENCE BENCHMARK ELEVATION: 609.326

BENCHMARK: SQUARE CUT AT NORTH CORNER ON THE CONCRETE BASE OF TRAFFIC CONTROL WITH ELECTRIC METER

LOCATION: SOUTHEAST QUADRANT OF LINCOLN AVE. AND FITCH AVE.

LEGEND

- EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
U.S. ROUTE 41 (N. LINCOLN AVE.) AT FITCH AVE.

SCALE: | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	48
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			

MODEL: Fitch NW (Sheet)
FILE NAME: c:\pw_work\pwdot\hassamn\d0905386\D1108022-sht-ADA-02.dgn



NORTHWEST CORNER



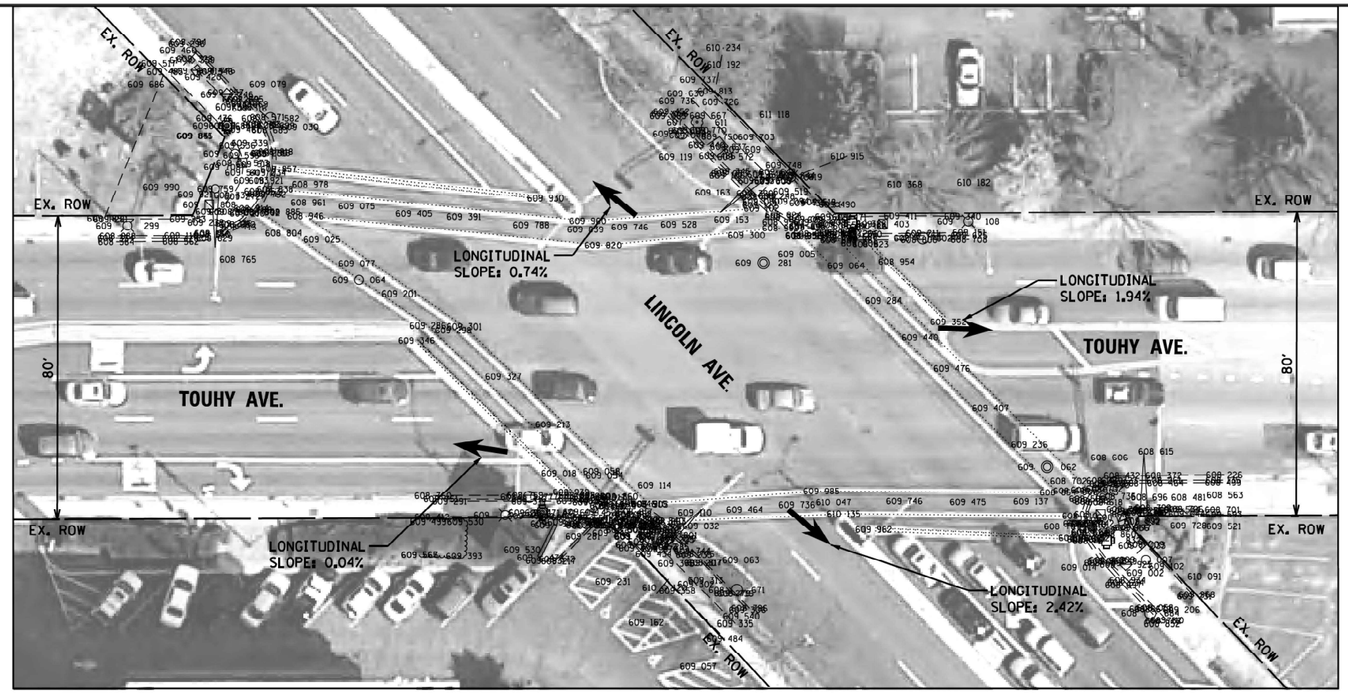
NORTHEAST CORNER



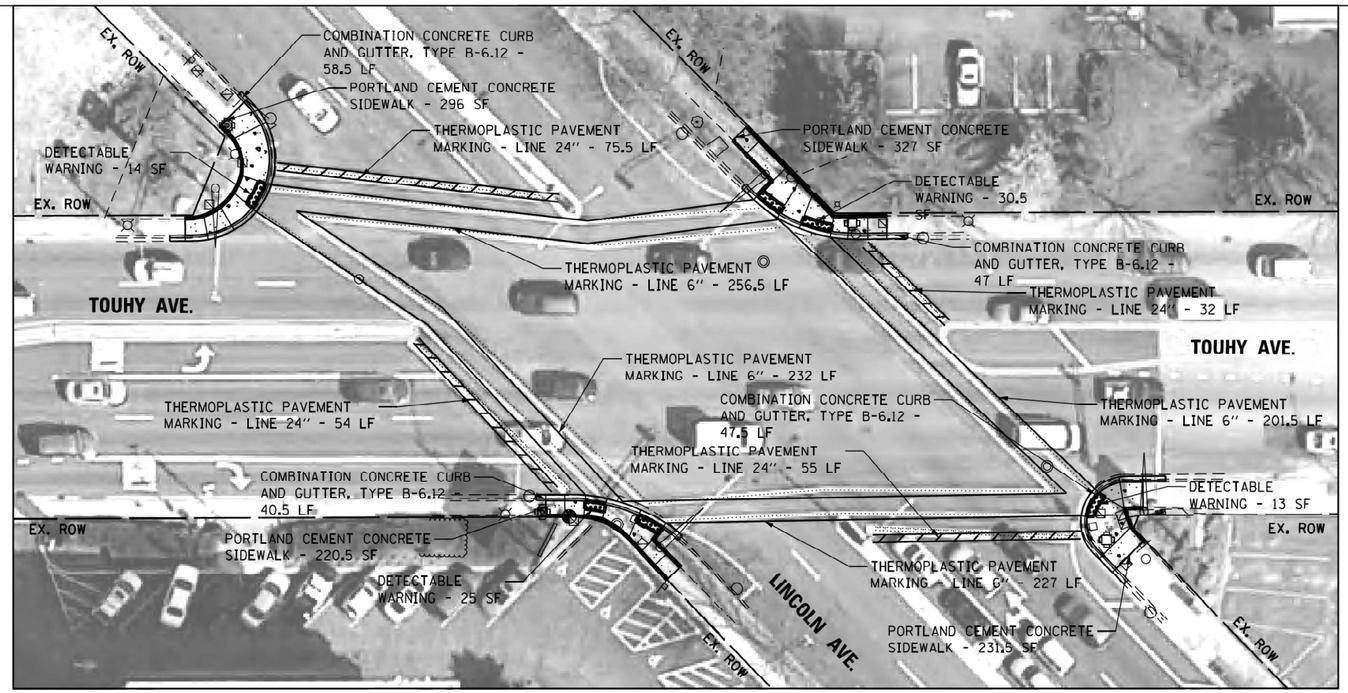
SOUTHWEST CORNER



SOUTHEAST 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
- 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

MODEL: Touhy Ave. [Sheet]
FILE NAME: c:\pw_work\pwidot\hassamn\d0905386\D1080122-sht-plan.dgn

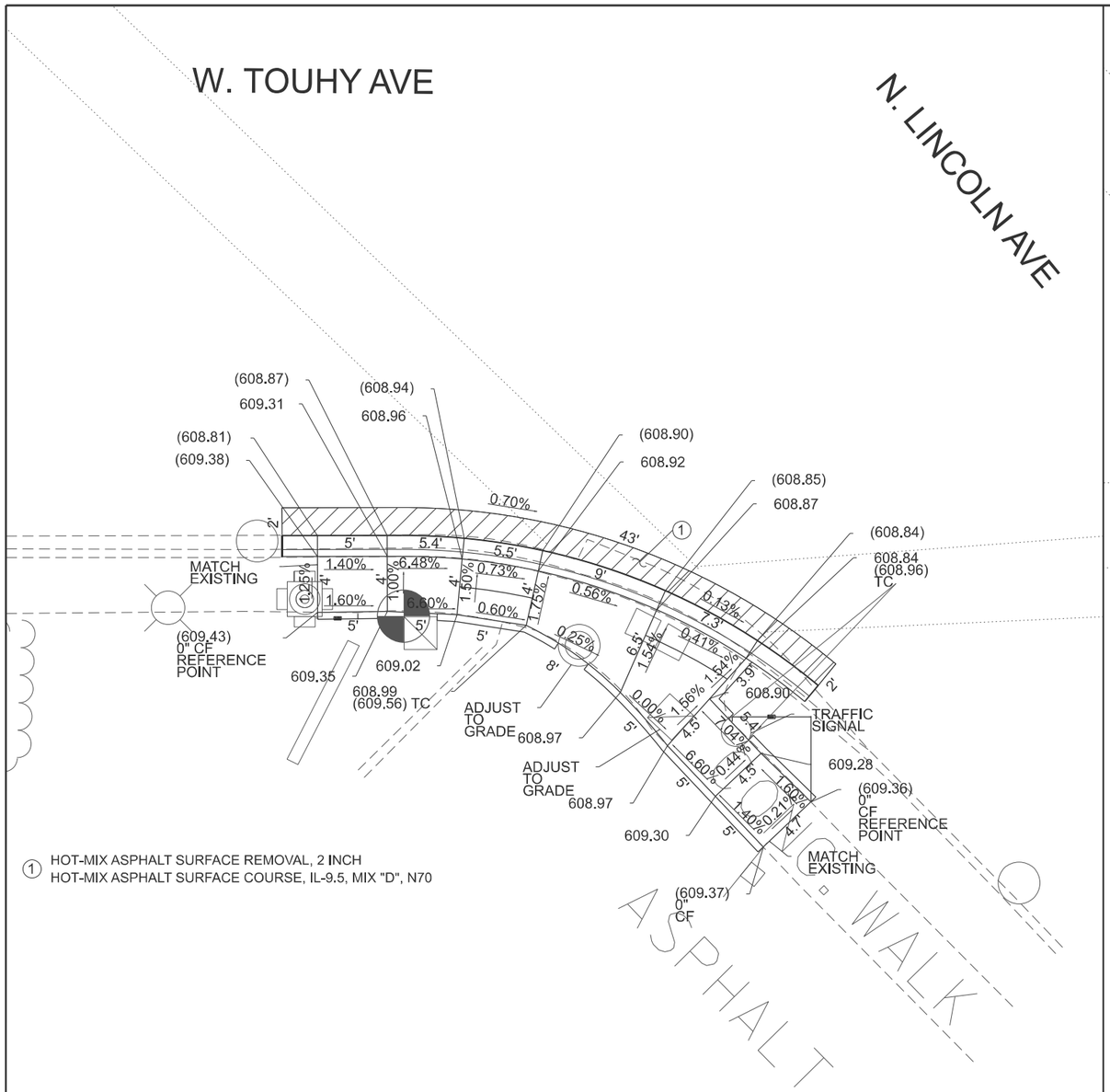
USER NAME = naveed.hassan	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 1/24/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

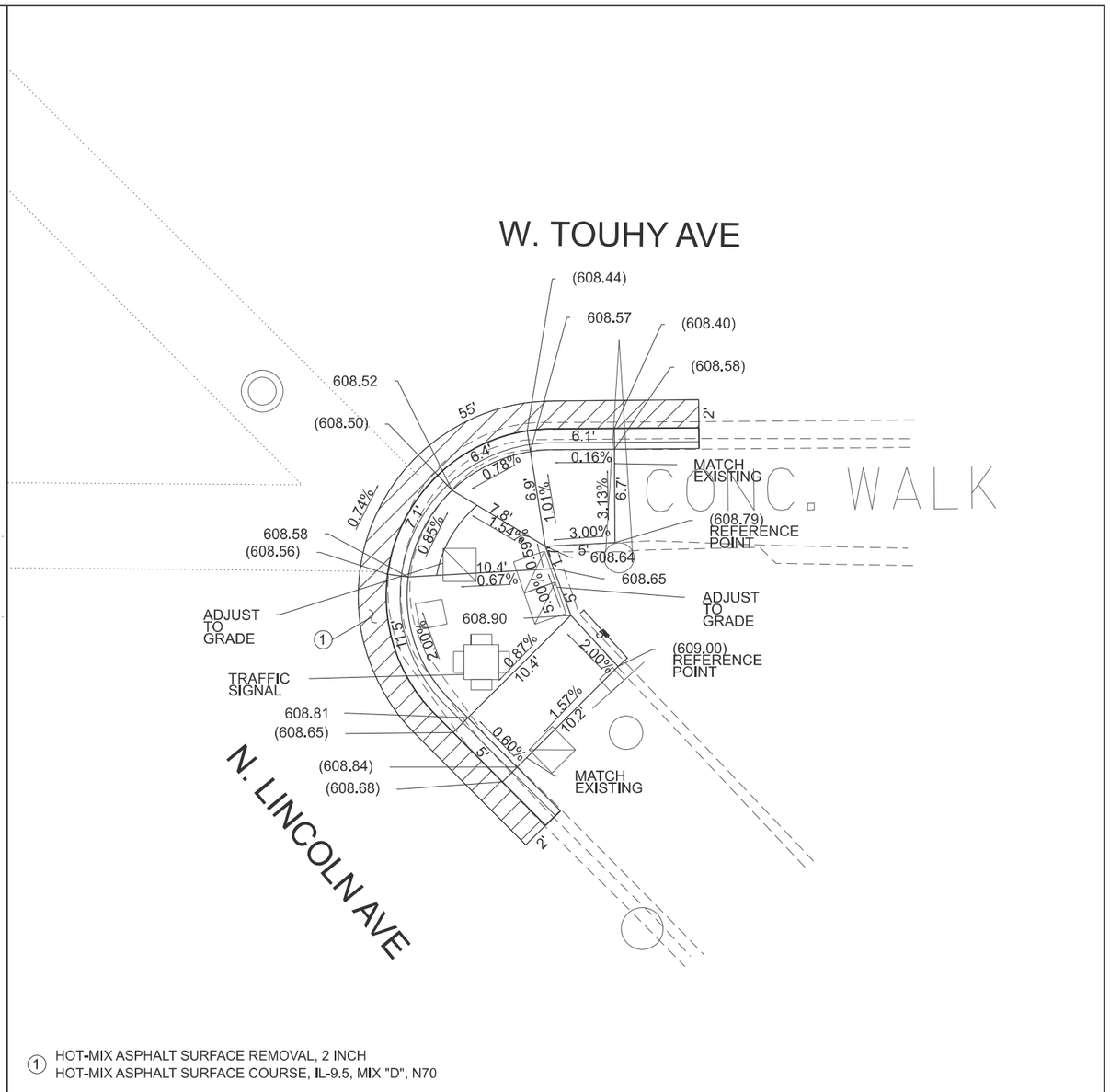
CURB RAMP PLAN
U.S. ROUTE 41 (N. LINCOLN AVE.) AT TOUHY AVE.

SCALE: Full Size 1 = 1 | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	49
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			



① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70



① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70

REFERENCE BENCHMARK ELEVATION: 609.532

BENCHMARK: "X" CUT ON NORTHWEST CORNER OF TRAFFIC SIGNAL HANDHOLE

LOCATION: SOUTHWEST QUADRANT OF LINCOLN AVE. AND TOUHY AVE.

LEGEND

- EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

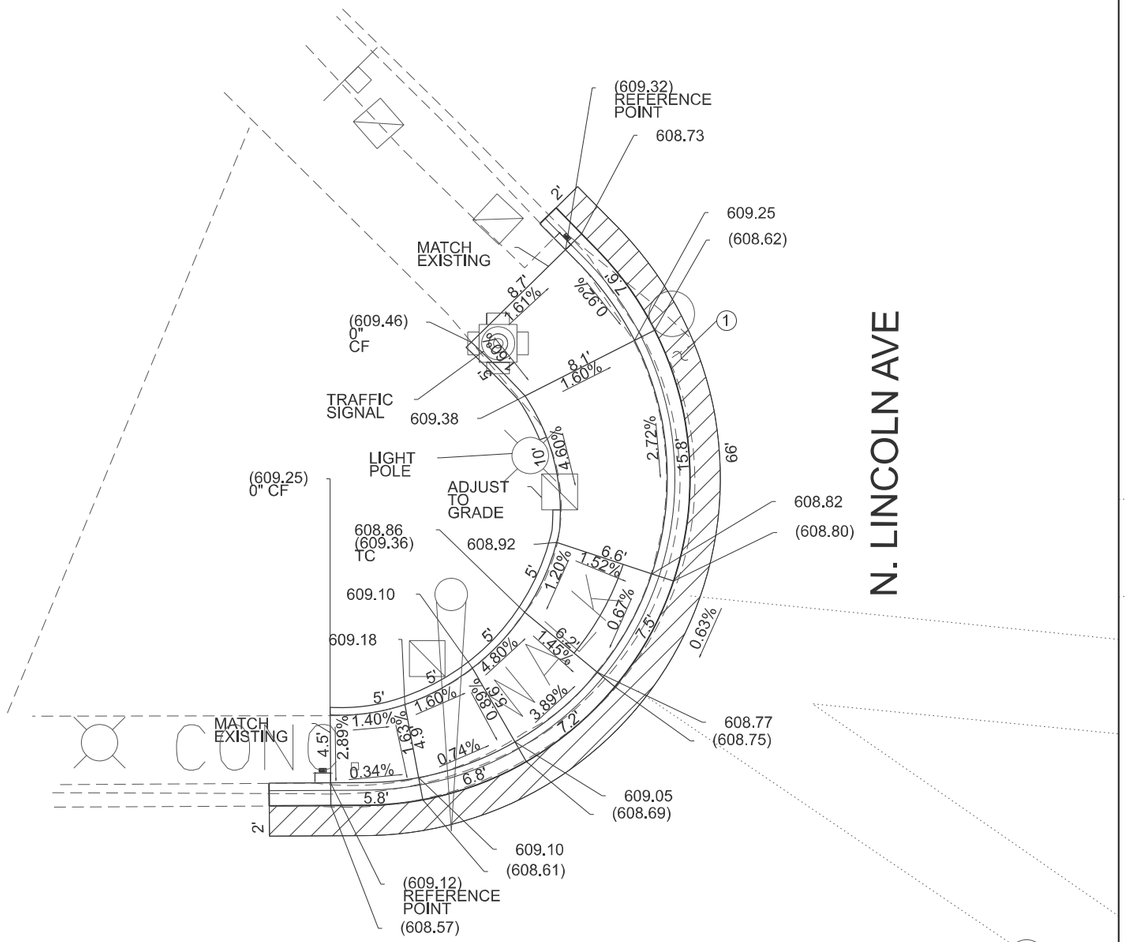
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

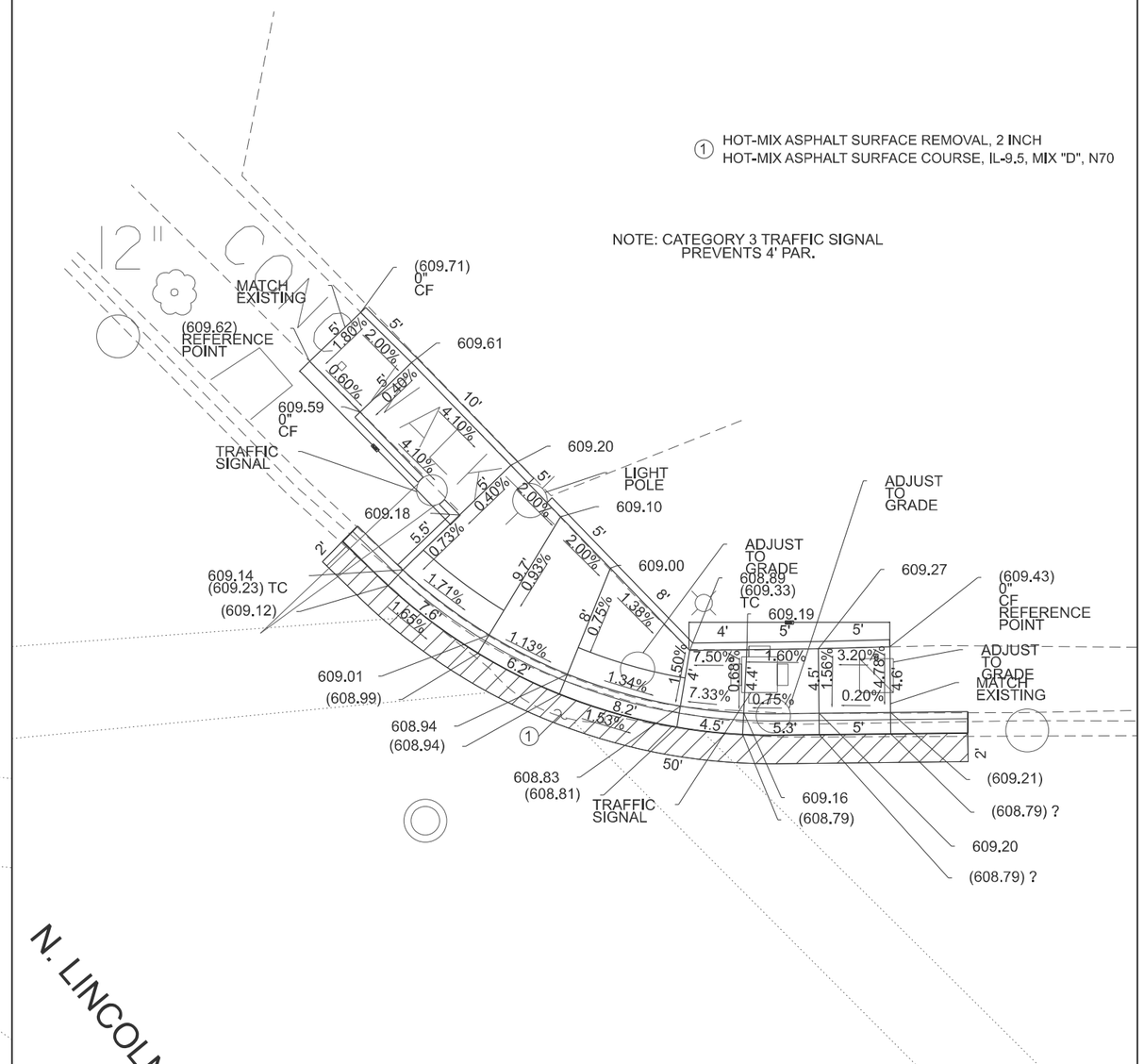
CURB RAMP DETAILS
U.S. ROUTE 41 (N. LINCOLN AVE.) AT TOUHY AVE.

SCALE: | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	50
		CONTRACT NO. 62R02		
	ILLINOIS	FED. AID PROJECT		

MODEL: Touhy Ave SW [Sheet]
FILE NAME: c:\pw_work\pwdot\hassannd\d0905386\D1108022-sht-ADA-02.dgn





① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70

NOTE: CATEGORY 3 TRAFFIC SIGNAL
PREVENTS 4' PAR.

① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70

REFERENCE BENCHMARK ELEVATION: 609.532

BENCHMARK: "X" CUT ON NORTHWEST CORNER OF TRAFFIC SIGNAL HANDHOLE

LOCATION: SOUTHWEST QUADRANT OF LINCOLN AVE. AND TOUHY AVE.

LEGEND

- EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

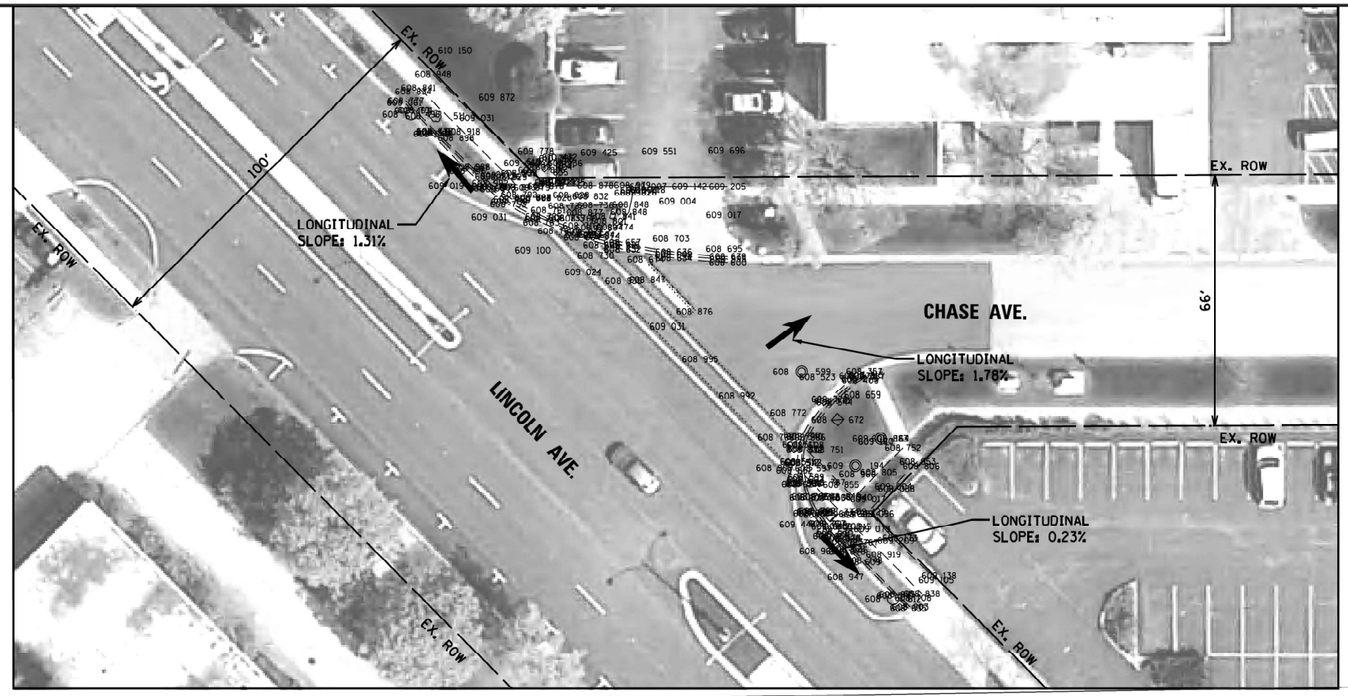
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
U.S. ROUTE 41 (N. LINCOLN AVE.) AT W. TOUHY AVE.

SCALE: | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	51
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			

MODEL: Touhy Ave NW [Sheet]
FILE NAME: c:\pw_work\pwdot\hassannd\d0905386\D108022-sht-ADA-02.dgn



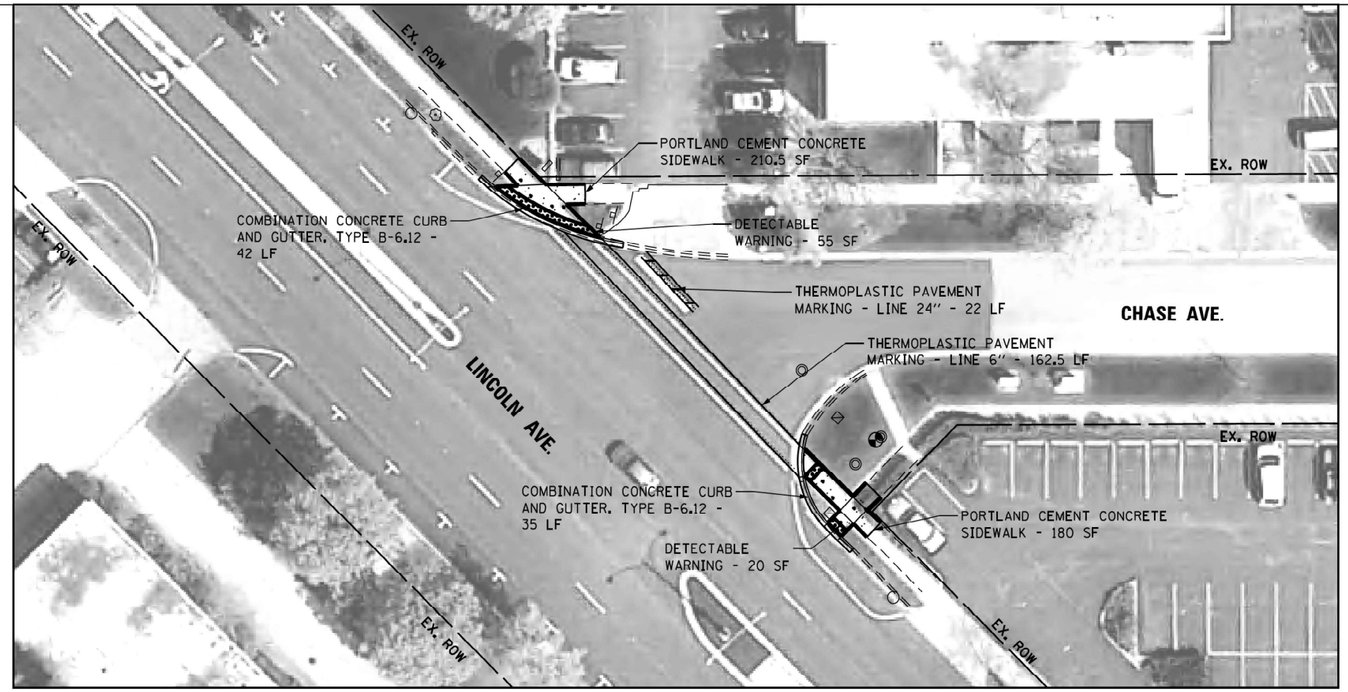


NORTHEAST CORNER



SOUTHEAST CORNER

EXISTING



PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- REMOVE AND REPLACE SIDEWALK
- 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.

MODEL: Chase Ave. [Shset]
FILE NAME: c:\pw_work\pwidot\hassamd\d0905386\D1080122-sht-plan.dgn

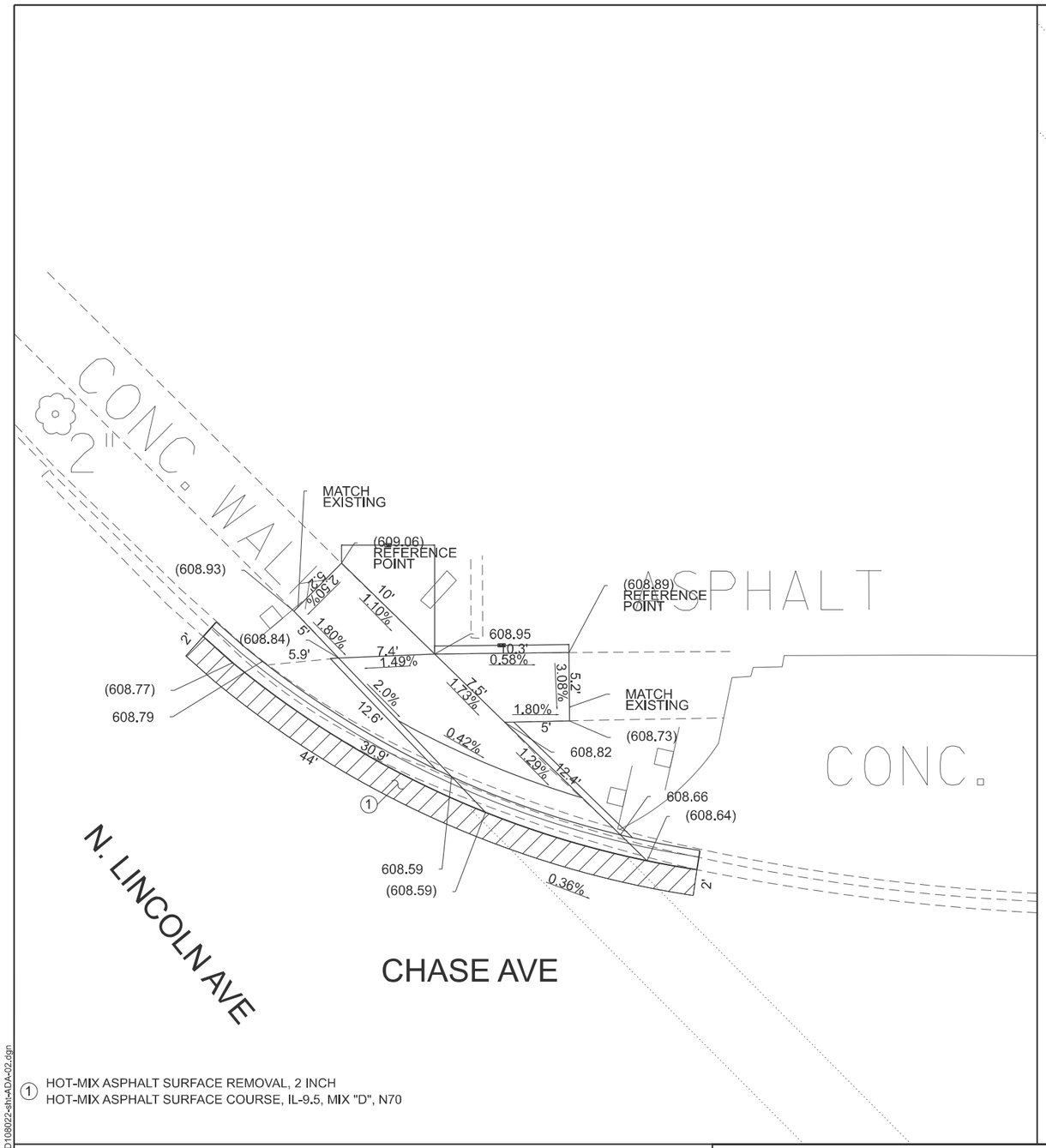
USER NAME = naveed.hassan	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 1/24/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP PLAN
U.S. ROUTE 41 (N. LINCOLN AVE.) AT TOUHY AVE.

SCALE: Full Size 1 = 1 | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	52
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			



① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70

① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70

REFERENCE BENCHMARK ELEVATION: 609.177

BENCHMARK: "X" CUT ON SOUTHWESTLY CORNER OF ATT MANHOLE

LOCATION: NORTHEAST QUADRANT OF LINCOLN AVE. AND CHASE AVE.

LEGEND

- EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

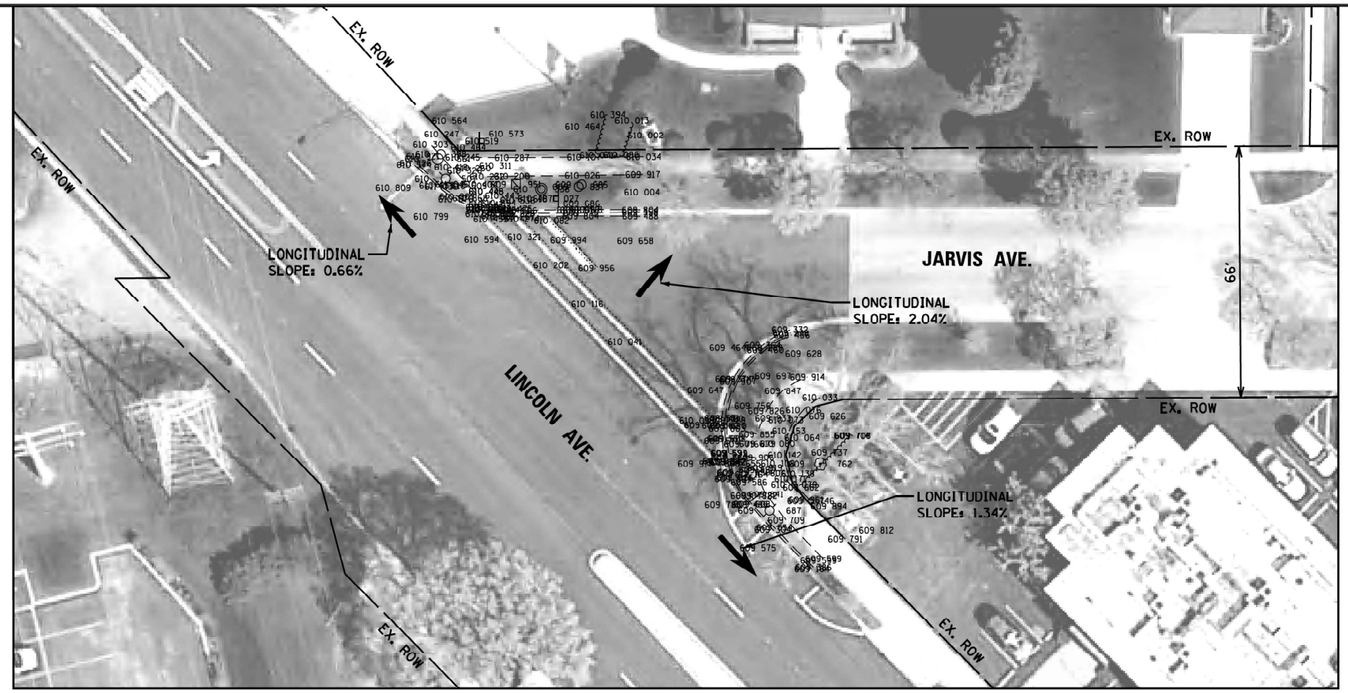
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
U.S. ROUTE 41 (N. LINCOLN AVE.) AT TOUHY AVE.

SCALE: | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	53
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			

MODEL: Chase Ave. NE [Sheet]
FILE NAME: c:\pw_work\pwdot\hassannd\d0905386\D108022-sht-ADA-02.dgn



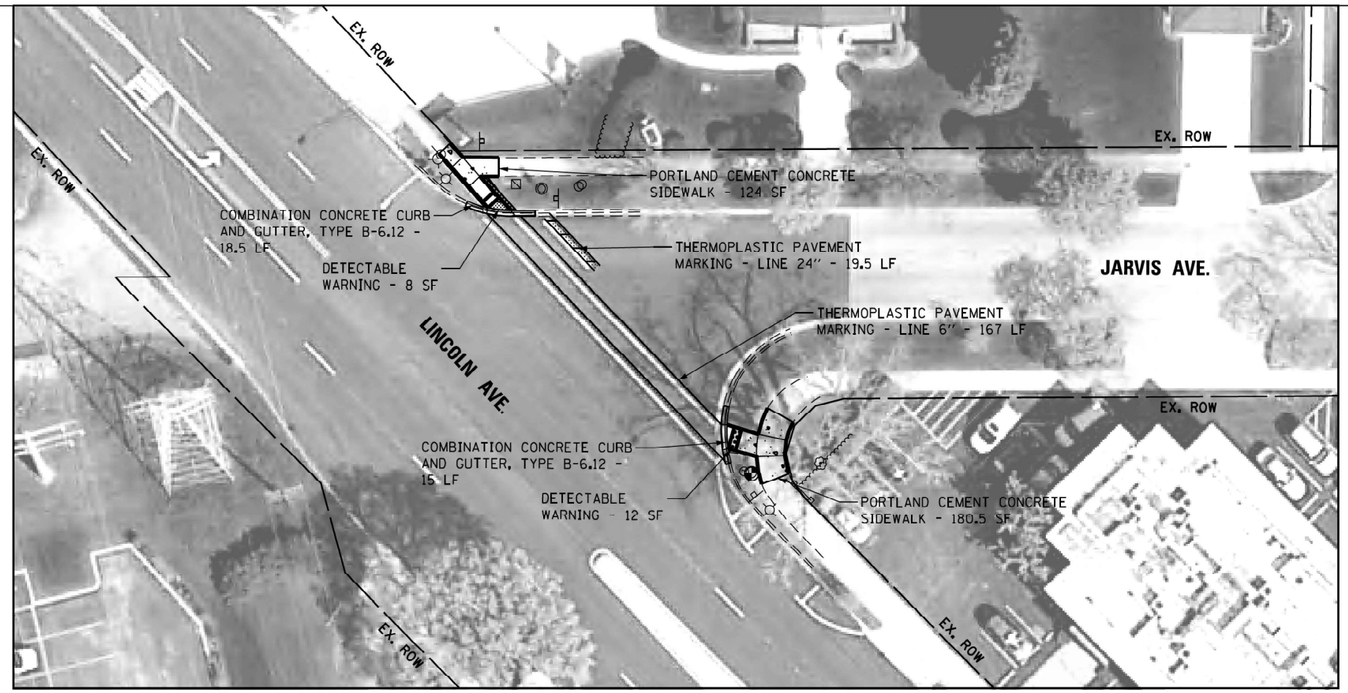
EXISTING



NORTHEAST CORNER



SOUTHEAST CORNER



PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- REMOVE AND REPLACE SIDEWALK
- 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.

MODEL: Jarvis Ave. [Shee]
FILE NAME: c:\pw_work\pwidot\hassamd\d0905386\D1068122-sht-plan.dgn

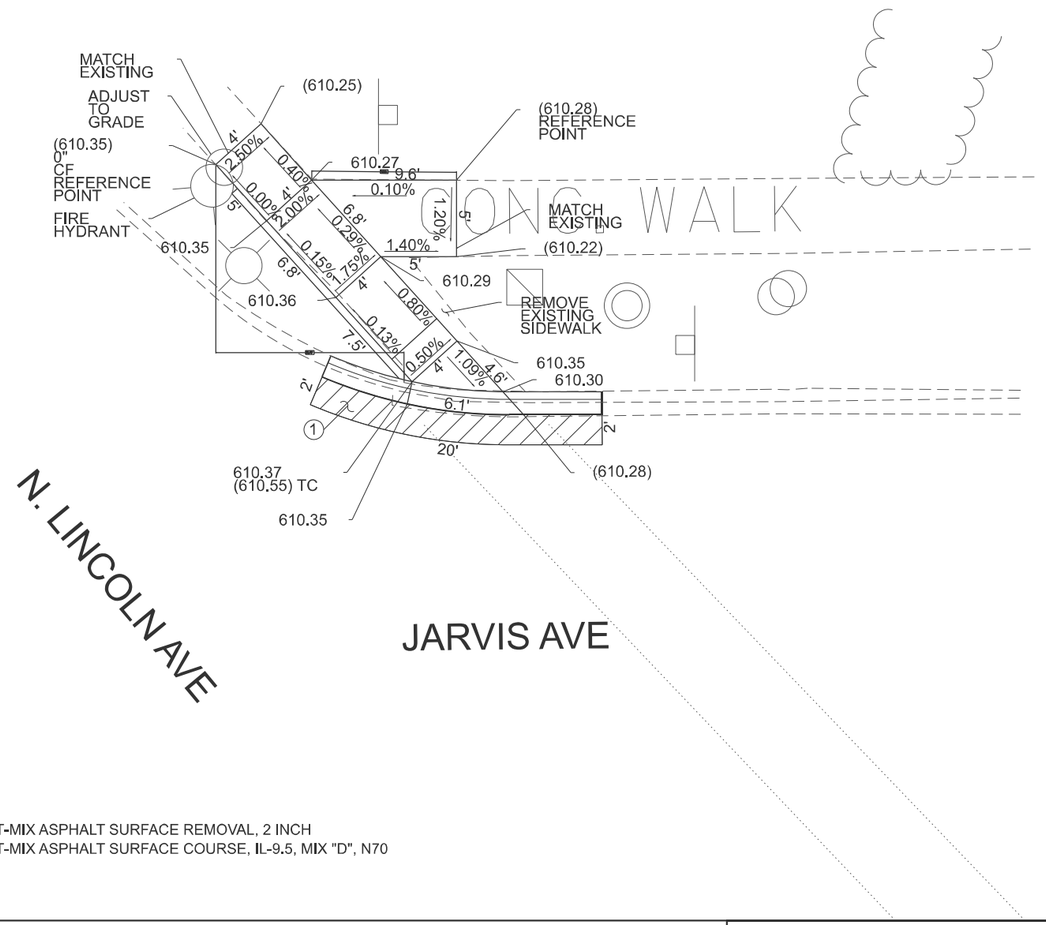
USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

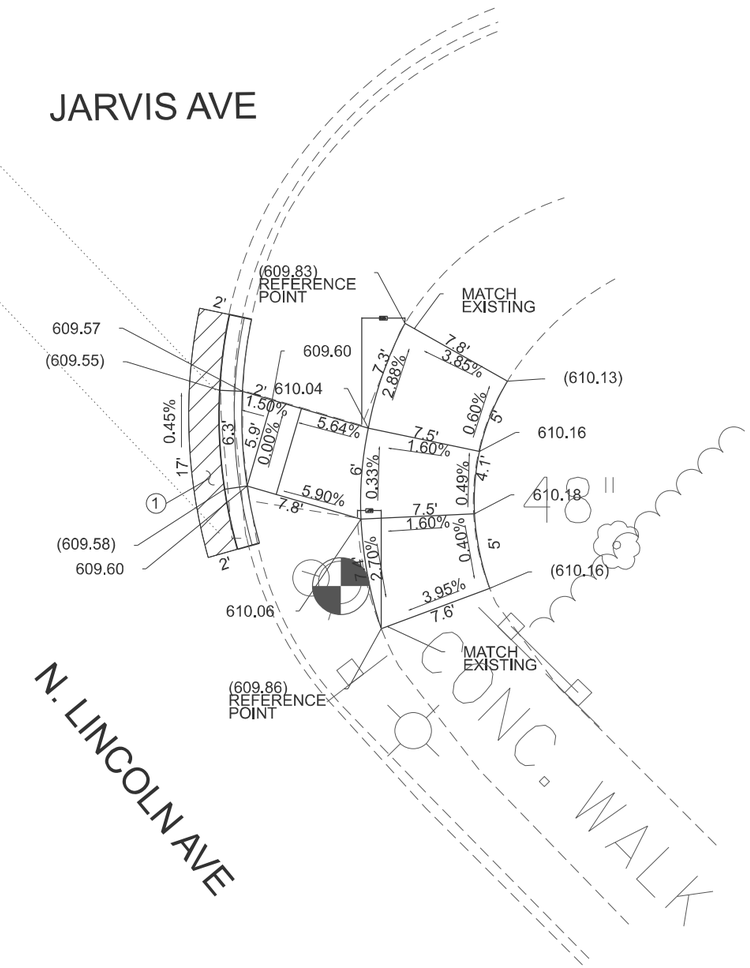
CURB RAMP PLAN
U.S. ROUTE 41 (N. LINCOLN AVE.) AT JARVIS AVE.

SCALE: Full Size 1 = 1 | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	54
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			



① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70



① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70

REFERENCE BENCHMARK ELEVATION: 612.164

BENCHMARK: "X" CUT ON SOUTHEAST BOLT OF FIRE HYDRANT

LOCATION: SOUTHEAST QUADRANT OF LINCOLN AVE. AND JARVIS AVE.

LEGEND

- EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

MODEL: Jarvis Ave. NE [Sheet]
FILE NAME: c:\pw_work\pwidot\hassannd\d0905386\D108022-sht-ADA-02.dgn

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

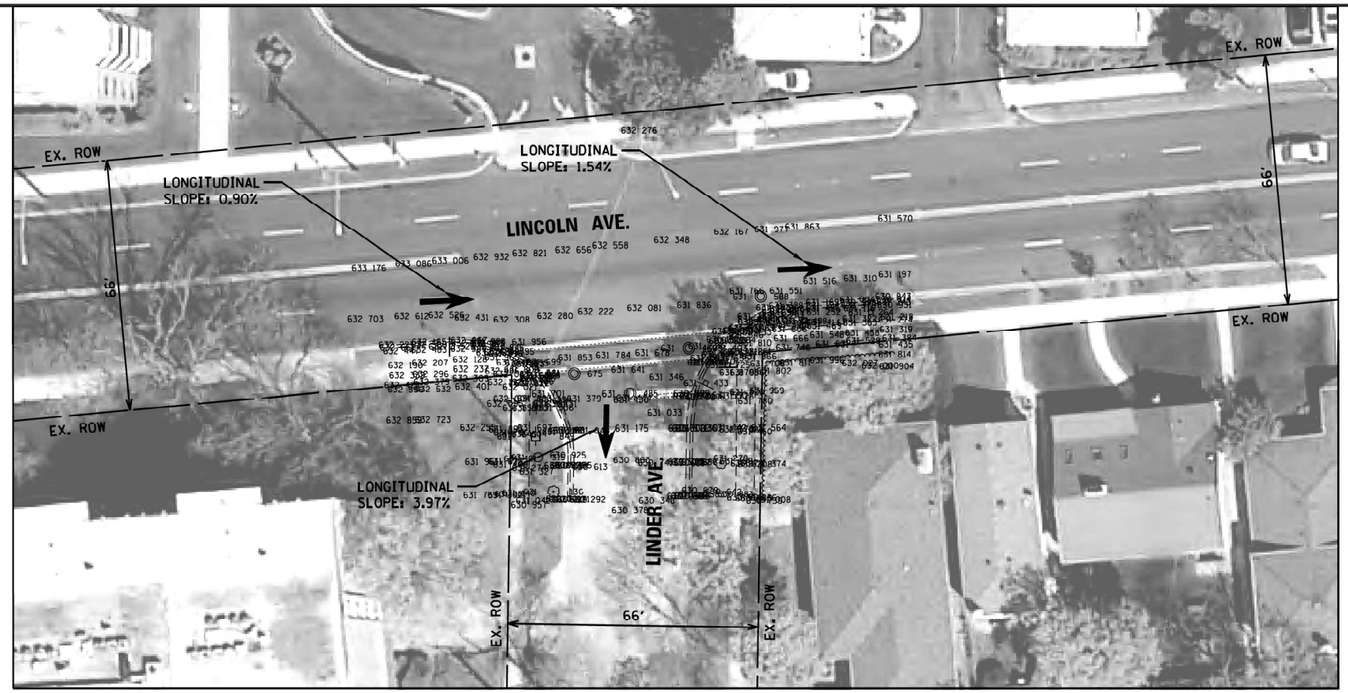
CURB RAMP DETAILS
U.S. ROUTE 41 (N. LINCOLN AVE.) AT JARVIS AVE.

SCALE: | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	55
		CONTRACT NO. 62R02		
	ILLINOIS	FED. AID PROJECT		



SOUTHWEST CORNER





SOUTHEAST CORNER

EXISTING



PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- REMOVE AND REPLACE SIDEWALK
- 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.

MODEL: Linder Ave. [Sheet]
FILE NAME: c:\pw_work\pwidot\hassamn\d0905386\D1080122-sht-plan.dgn

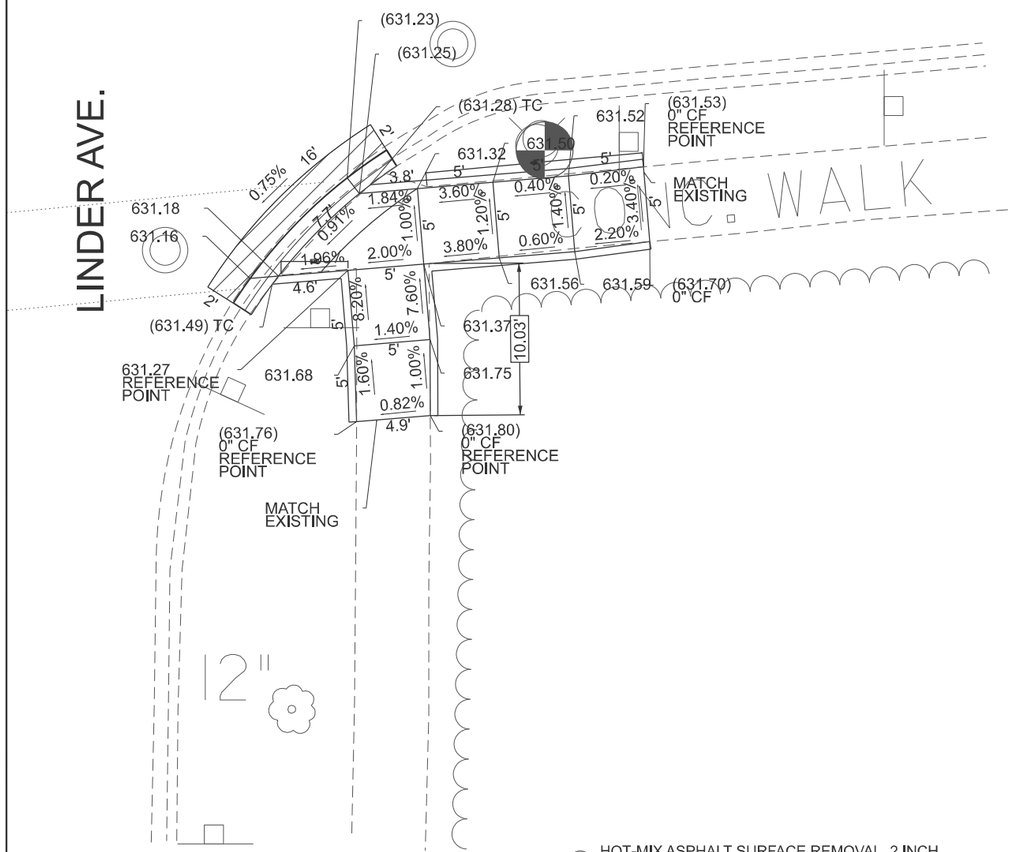
USER NAME = naveed.hassan	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 1/24/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

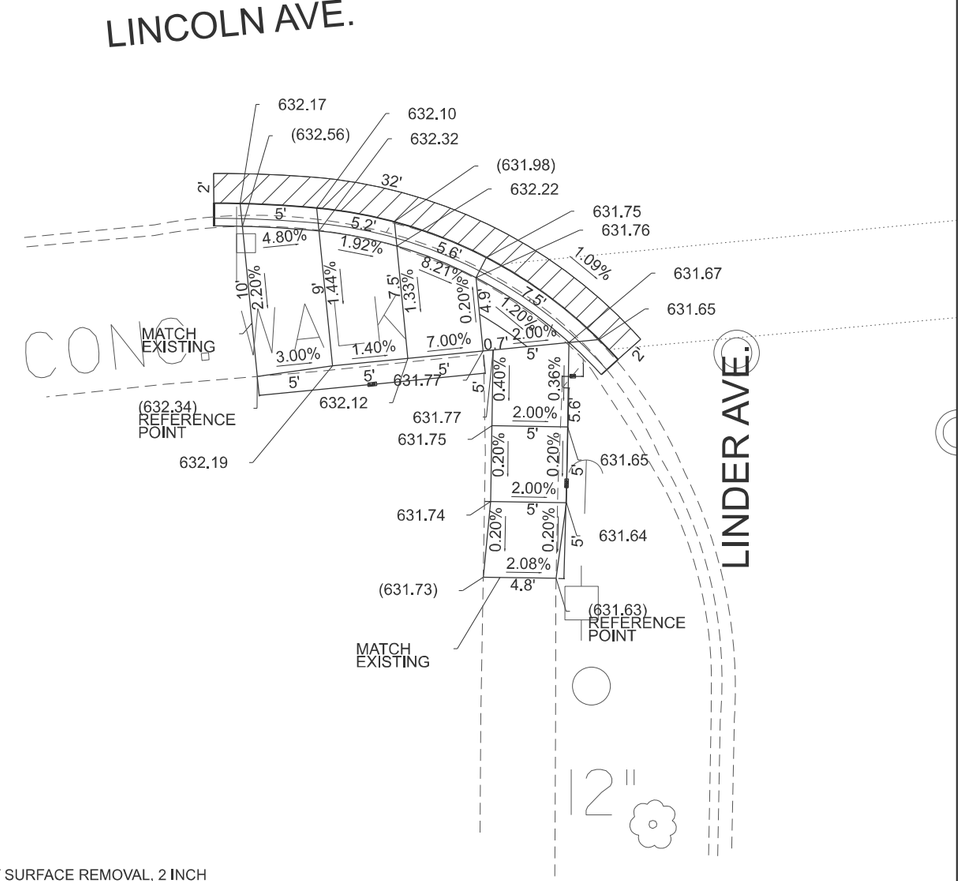
CURB RAMP PLAN
U.S. ROUTE 41 (N. LINCOLN AVE.) AT LINDER AVE.

SCALE: Full Size 1 = 1 | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	56
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			



① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70



① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70

REFERENCE BENCHMARK ELEVATION: 634.27

BENCHMARK: "X" CUT ON NORTHEAST FLANGE BOLT OF FIRE HYDRANT

LOCATION: SOUTHEAST QUADRANT OF LINCOLN AVE. AND LINDER AVE.

LEGEND

- EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
U.S. ROUTE 41 (N. LINCOLN AVE.) AT LINDER AVE.

SCALE: | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	57
		CONTRACT NO. 62R02		
		ILLINOIS FED. AID PROJECT		

MODEL: Linder Ave., SE [Sheet]
FILE NAME: c:\pw_work\pwidot\hassannd\d0905386\D1108022-sht-ADA-02.dgn

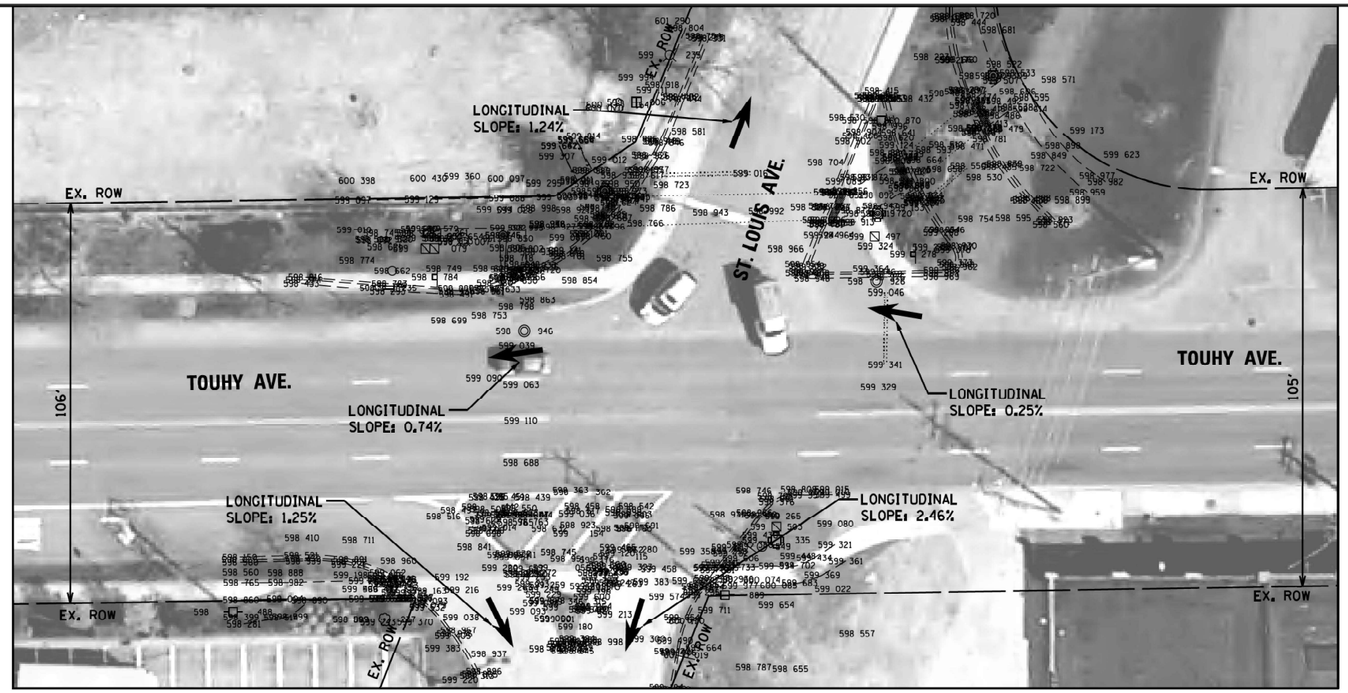




NORTHWEST CORNER



SOUTHWEST ISLAND



EXISTING

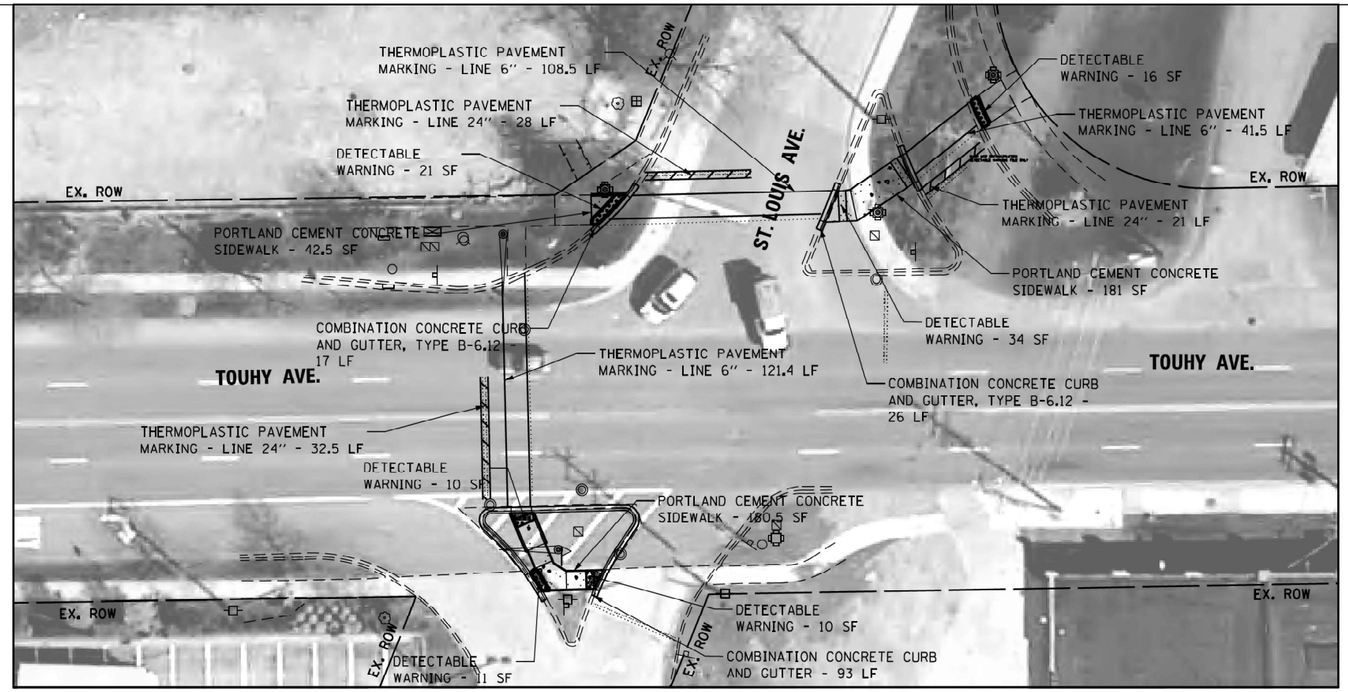


NORTHEAST CORNER





NORTHEAST ISLAND



PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- REMOVE AND REPLACE SIDEWALK
- 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.

MODEL: St. Louis Ave. [Sheet]
FILE NAME: c:\pw_work\pwidot\hassamn\d0905386\D1080122-sht-plan-02.dgn

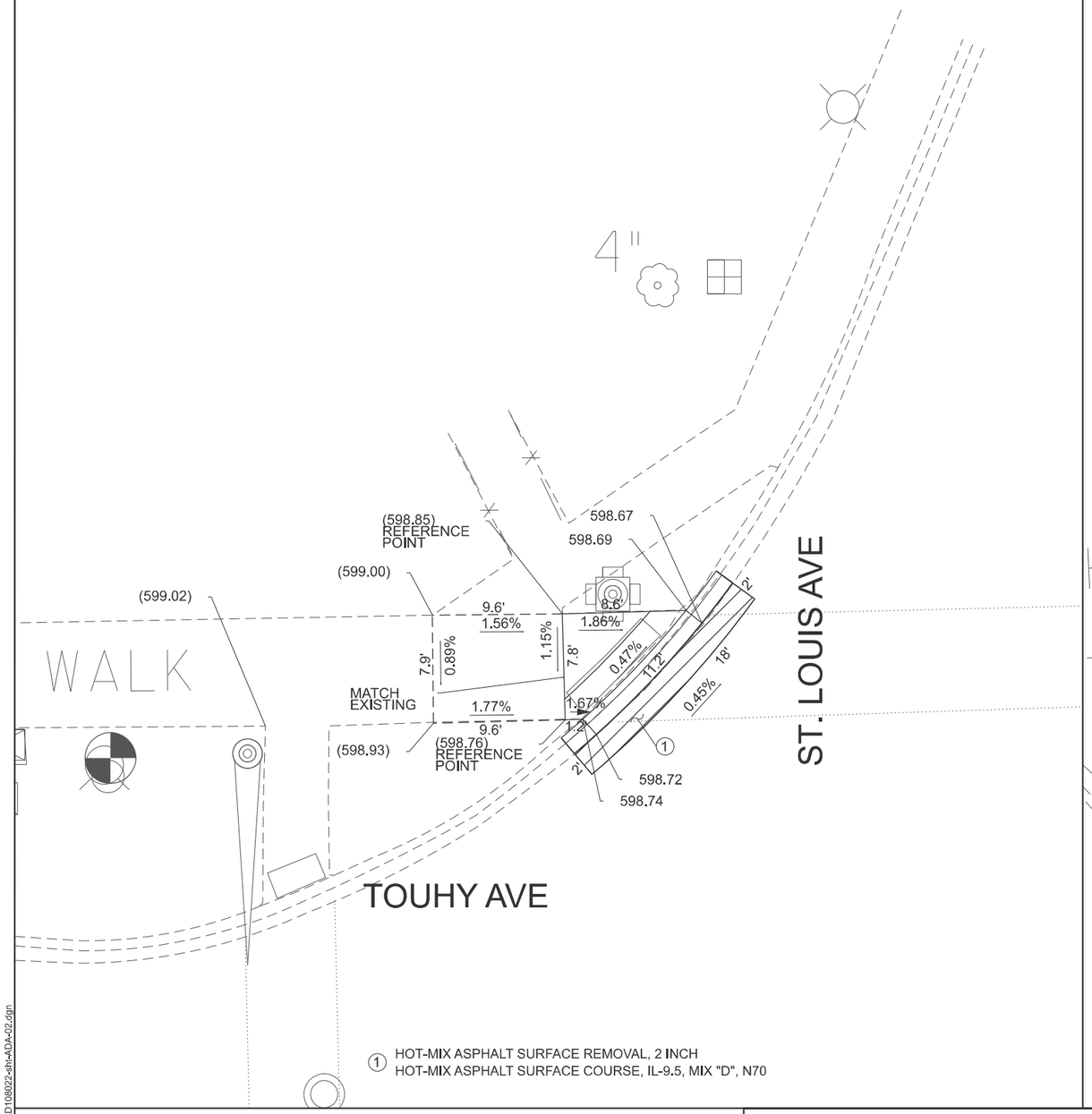
USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

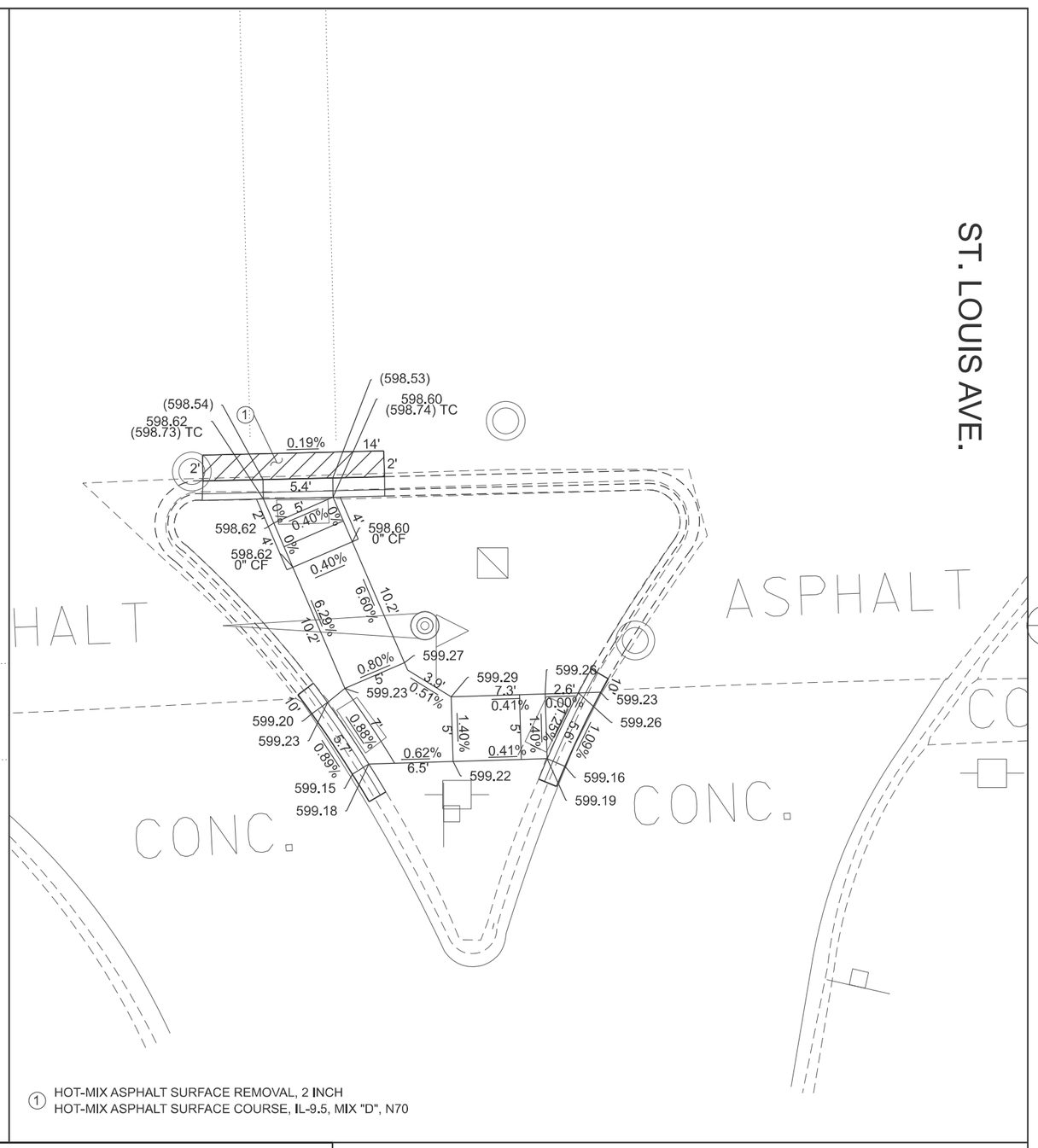
CURB RAMP PLANS
TOUHY AVE. AT ST. LOUIS AVE.

SCALE: Full Size 1 = 1 | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	58
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			



① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70



① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70

REFERENCE BENCHMARK ELEVATION: 600.654

BENCHMARK: "X" CUT ON NORTHEAST BOLT OF FIRE HYDRANT

LOCATION: NORTHWEST QUADRANT OF TOUHY AVE AND ST. LOUIS AVE.

LEGEND

- EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
  REPLACE W/TOPSOIL & SOD

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

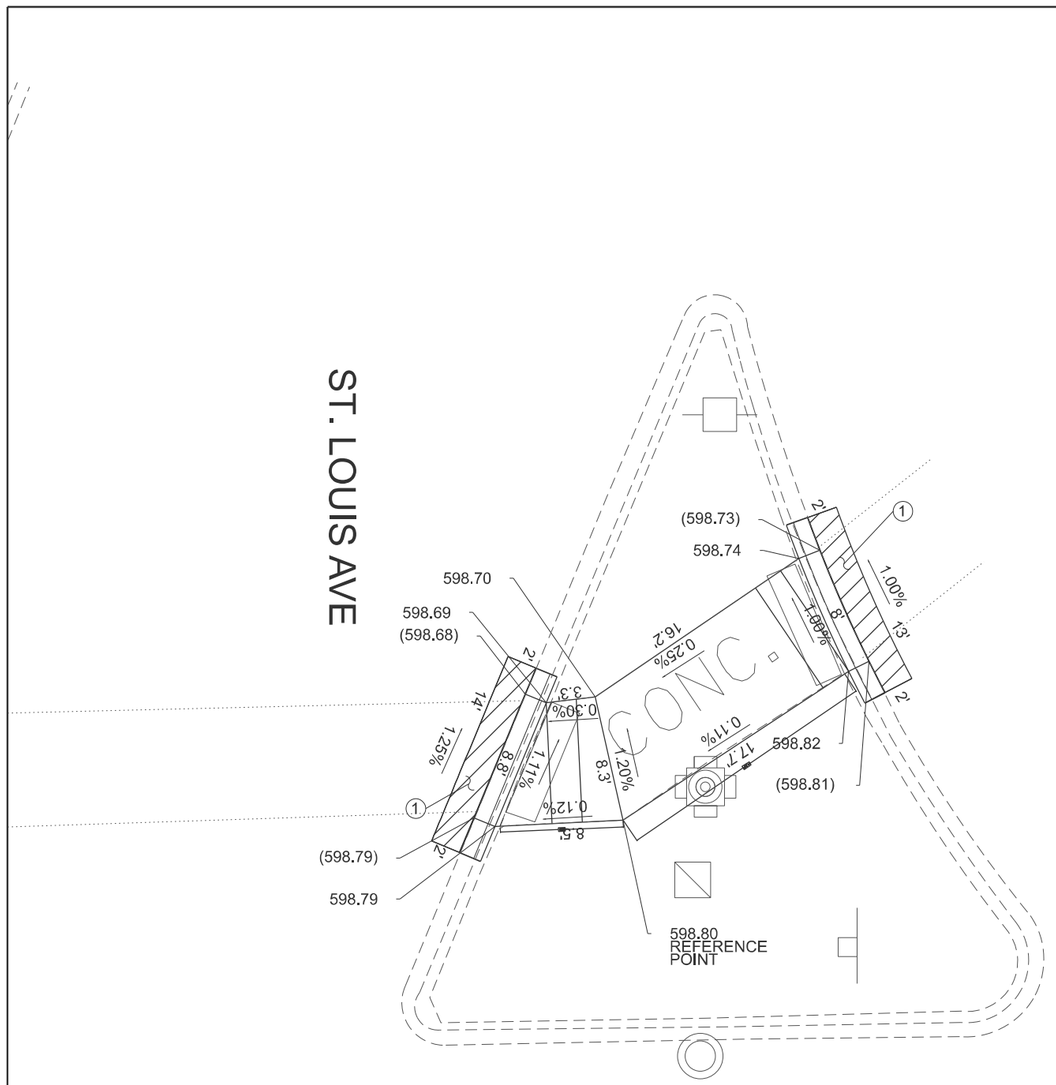
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
TOUHY AVE. AT ST. LOUIS AVE.

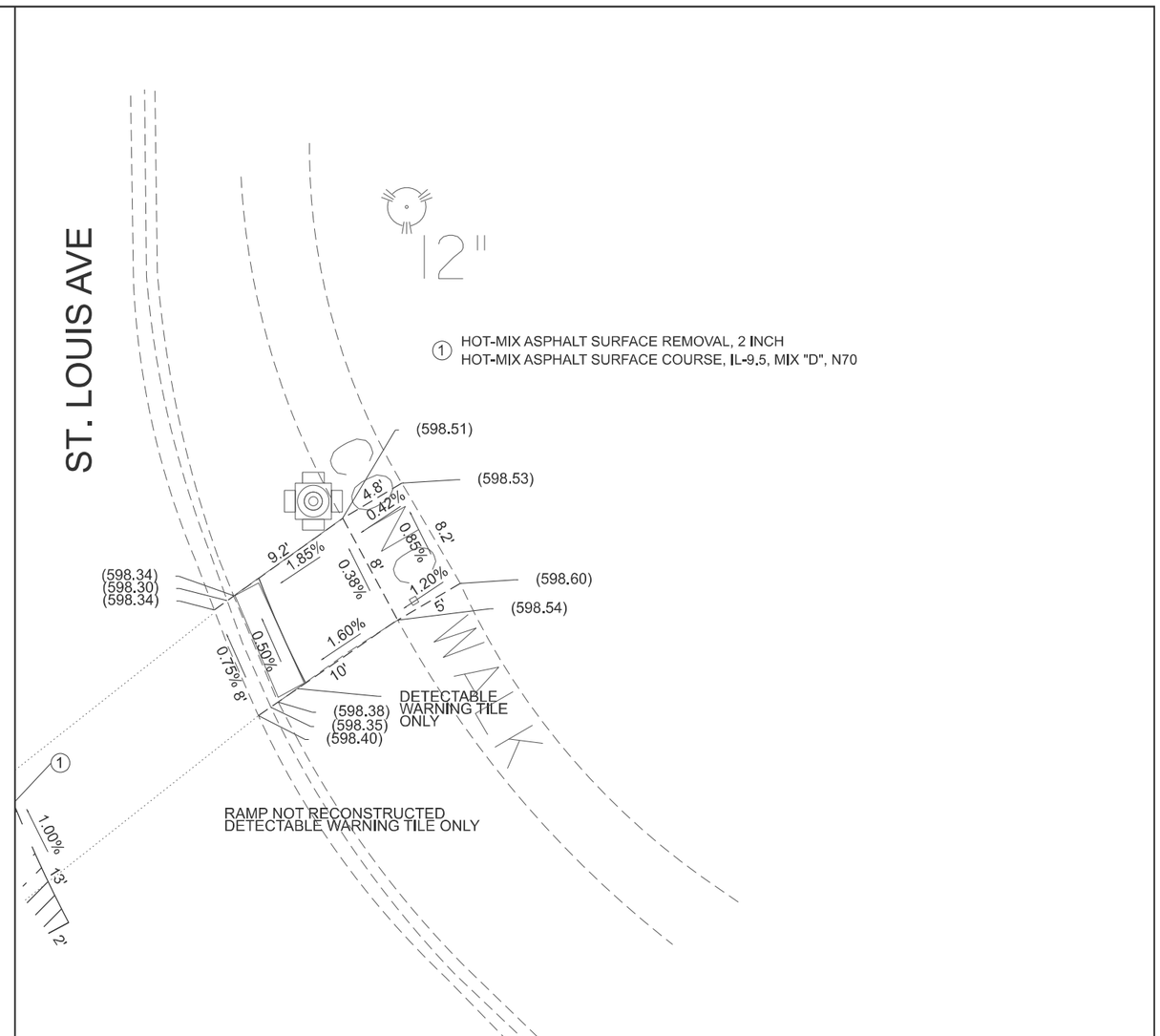
SCALE: | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	59
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			

MODEL: St. Louis Ave. SE [Sheet]
FILE NAME: c:\pw_work\pwdot\hassannd\d0905386\D108022-sht-ADA-02.dgn



① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70



① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70

REFERENCE BENCHMARK ELEVATION: 600.654

BENCHMARK: "X" CUT ON NORTHEAST BOLT OF FIRE HYDRANT

LOCATION: NORTHWEST QUADRANT OF ST. LOUIS AVE. AND TOUHY AVE.

LEGEND

- EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
  REPLACE W/TOPSOIL & SOD

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
TOUHY AVE. AT ST. LOUIS AVE.

SCALE: | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	60
		CONTRACT NO. 62R02		
		ILLINOIS	FED. AID PROJECT	

MODEL: St. Louis Ave. Med Isl. [Sheet]
FILE NAME: c:\pw_work\pwdot\hassanmd\d0905386\D108022-sht-ADA-02.dgn



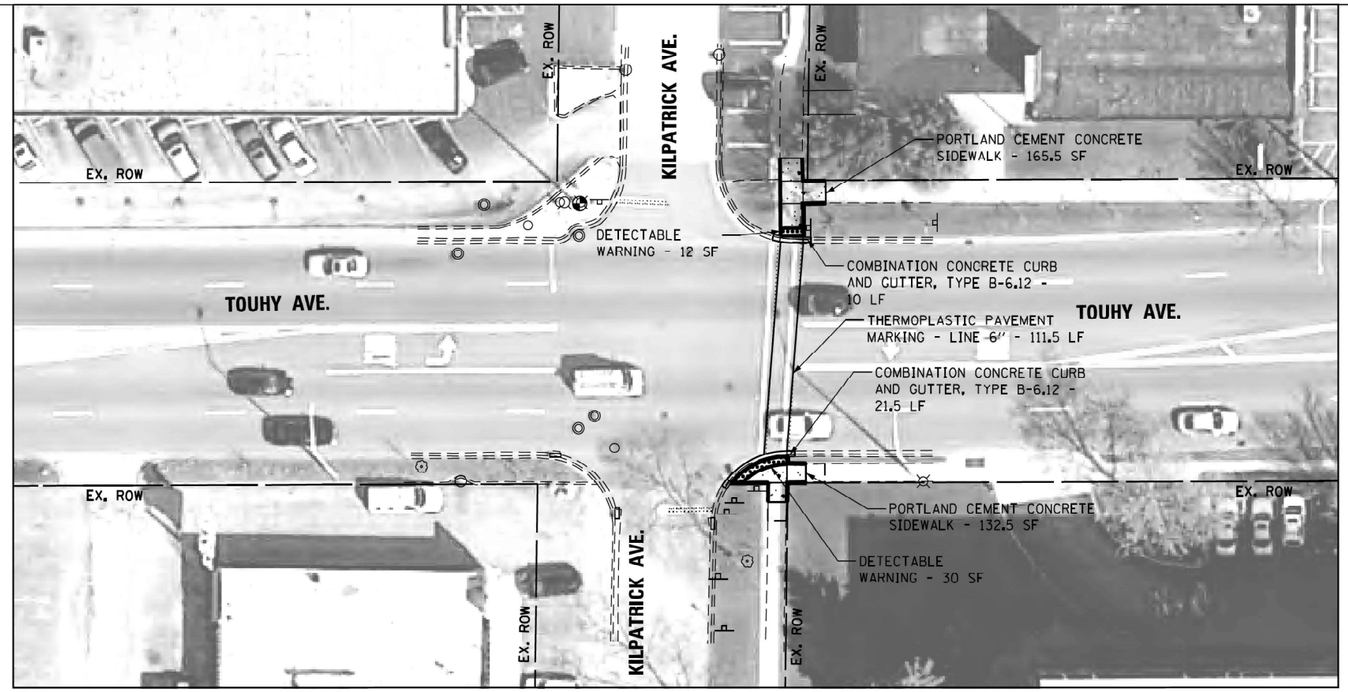
EXISTING



NORTHEAST CORNER



SOUTHEAST CORNER



PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- REMOVE AND REPLACE SIDEWALK
- 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.

MODEL: Killpatrick Ave. [Sheet]
FILE NAME: c:\pw_work\pwidot\hassamn\d0505385\D1080122-sht-plan-02.dgn

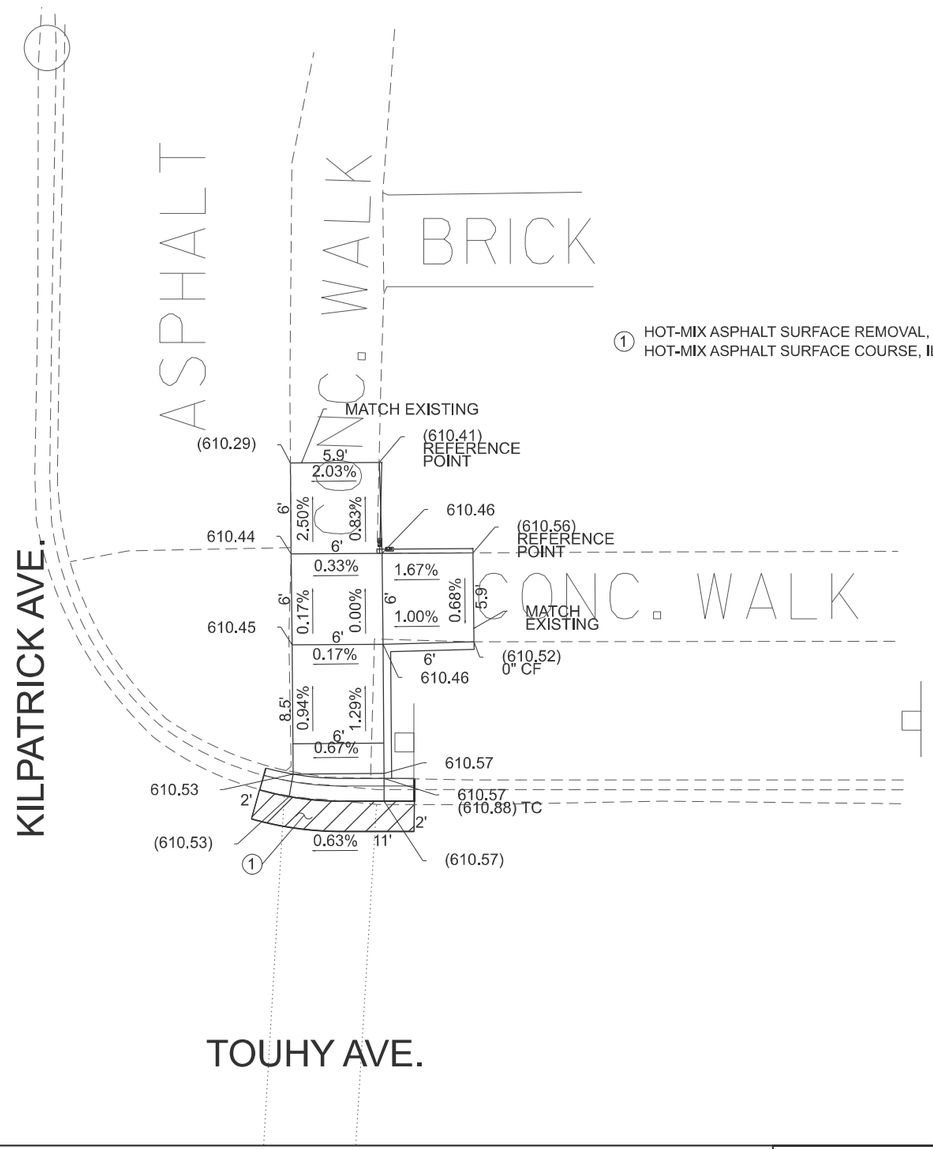
USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

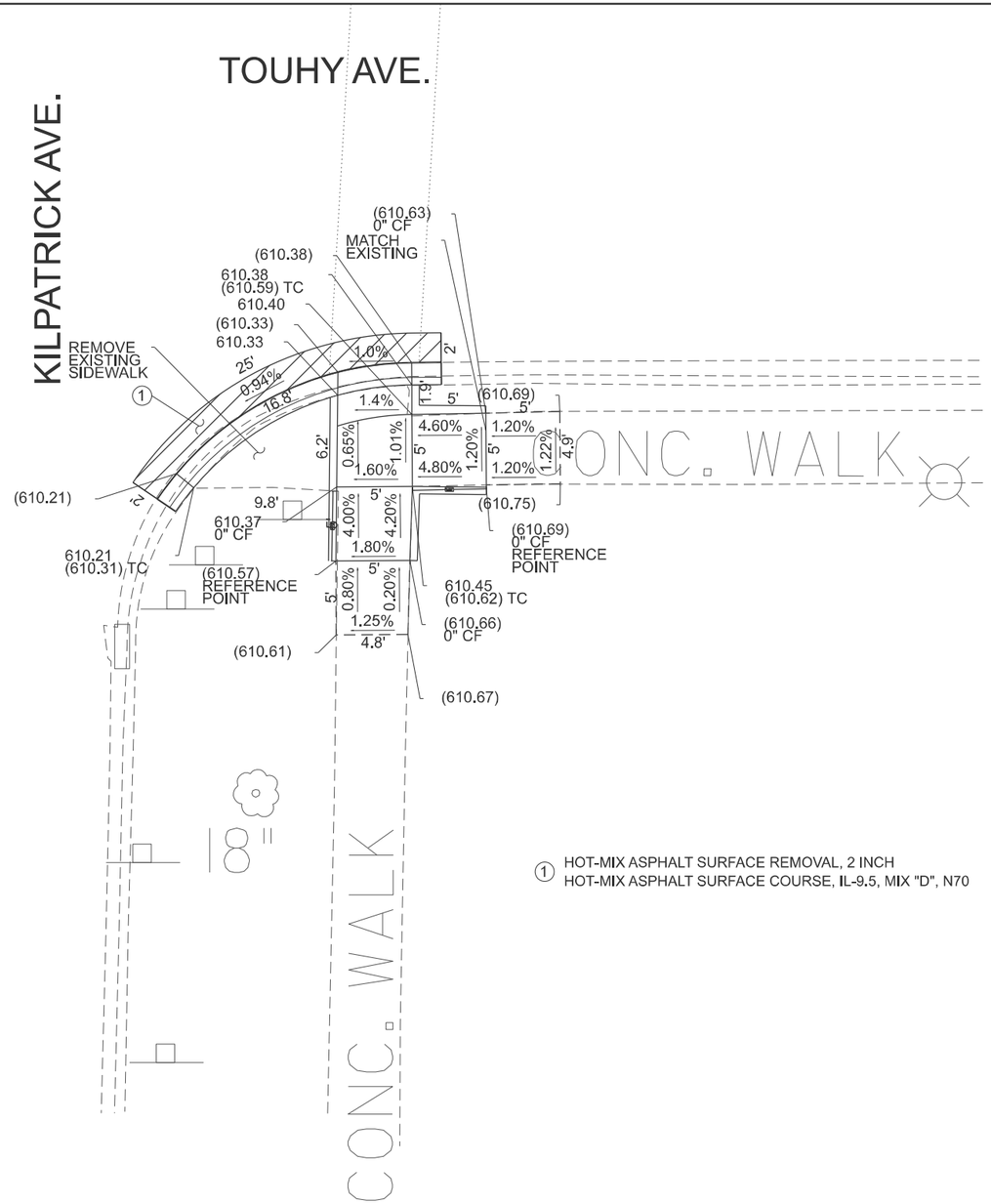
CURB RAMP PLAN
TOUHY AVE. AT KILPATRICK AVE.

SCALE: Full Size 1 = 1 | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	61
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			



① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70



① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70

REFERENCE BENCHMARK ELEVATION: 610.76

BENCHMARK: CUT SQUARE ON SOUTH SIDE OF LIGHT POLE BASE

LOCATION: NORTHWEST QUADRANT OF TOUHY AVE AND KILPATRICK AVE.

LEGEND

- EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

USER NAME = naveed,hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
TOUHY AVE. AT KILPATRICK AVE.

SCALE: | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	62
		CONTRACT NO. 62R02		
		ILLINOIS FED. AID PROJECT		

MODEL: Kilpatrick Ave. NE [Sheet]
FILE NAME: c:\pw_work\pwidothassanm\d0905386\D1098022-sht-ADA-02.dgn



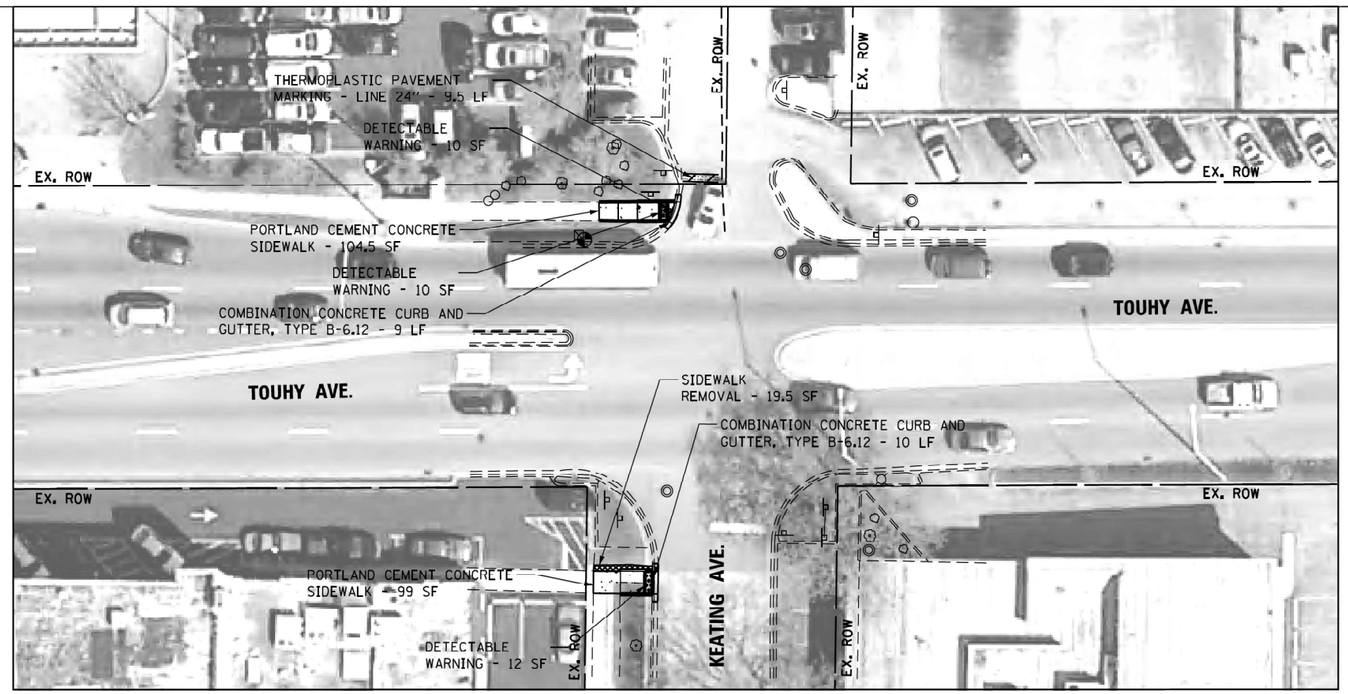
NORTHWEST CORNER



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
- REMOVE AND REPLACE SIDEWALK
- 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

MODEL: Keating Ave [Sheet]
FILE NAME: c:\pw_work\pwidot\hassanm\d0905386\D1080122-sht-plan-02.dgn

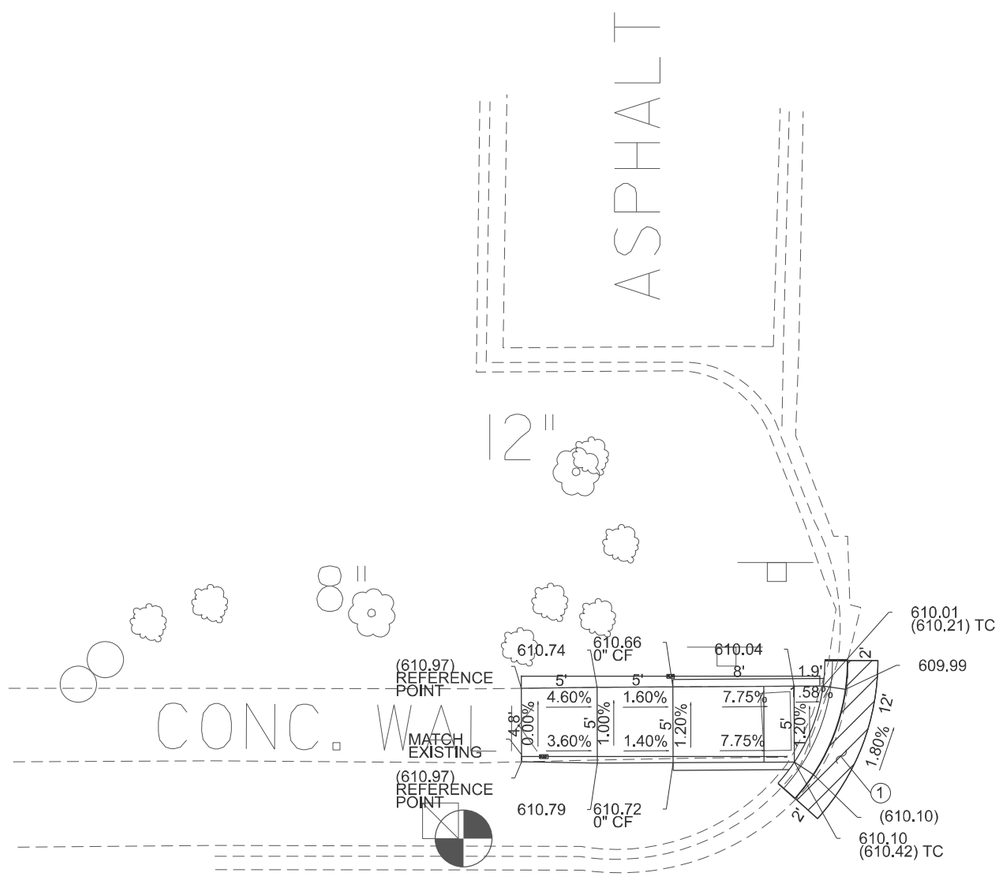
USER NAME = naveed.hassan	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 1/24/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

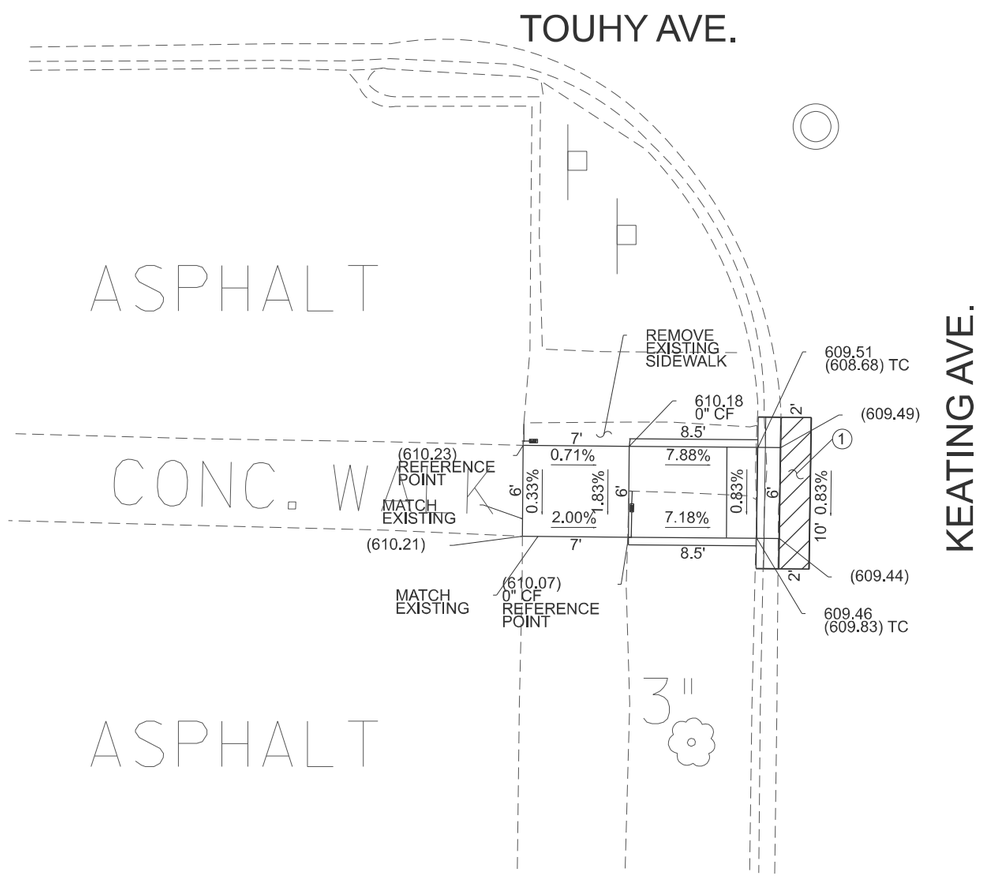
CURB RAMP PLAN
TOUHY AVE. AT KEATING AVE.

SCALE: Full Size 1 = 1 | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	63
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			



① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70



① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70

REFERENCE BENCHMARK ELEVATION: 610.912

BENCHMARK: CUT SQUARE ON SOUTHEAST CORNER OF TRAFFIC HANDHOLE

LOCATION: NORTHWEST QUADRANT OF TOUHY AVE AND KEATING AVE.

LEGEND

- EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
TOUHY AVE. AT KEATING AVE.

SCALE: | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	64
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			

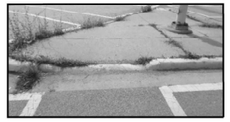
MODEL: Keating Ave. [Sheet]
FILE NAME: c:\dpw_work\pwdot\hassannd\d0905386\D108022-sht-ADA-02.dgn



NORTHWEST CORNER



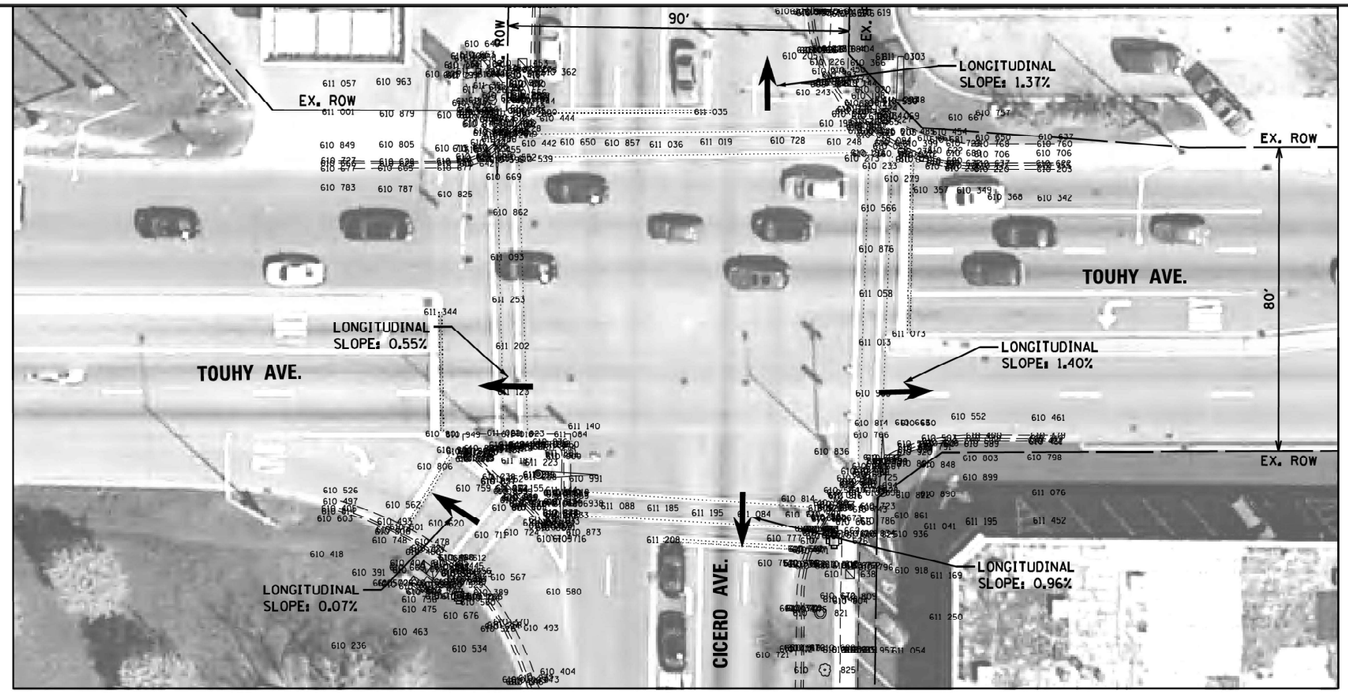
SOUTHWEST CORNER







SOUTHWEST ISLAND



EXISTING

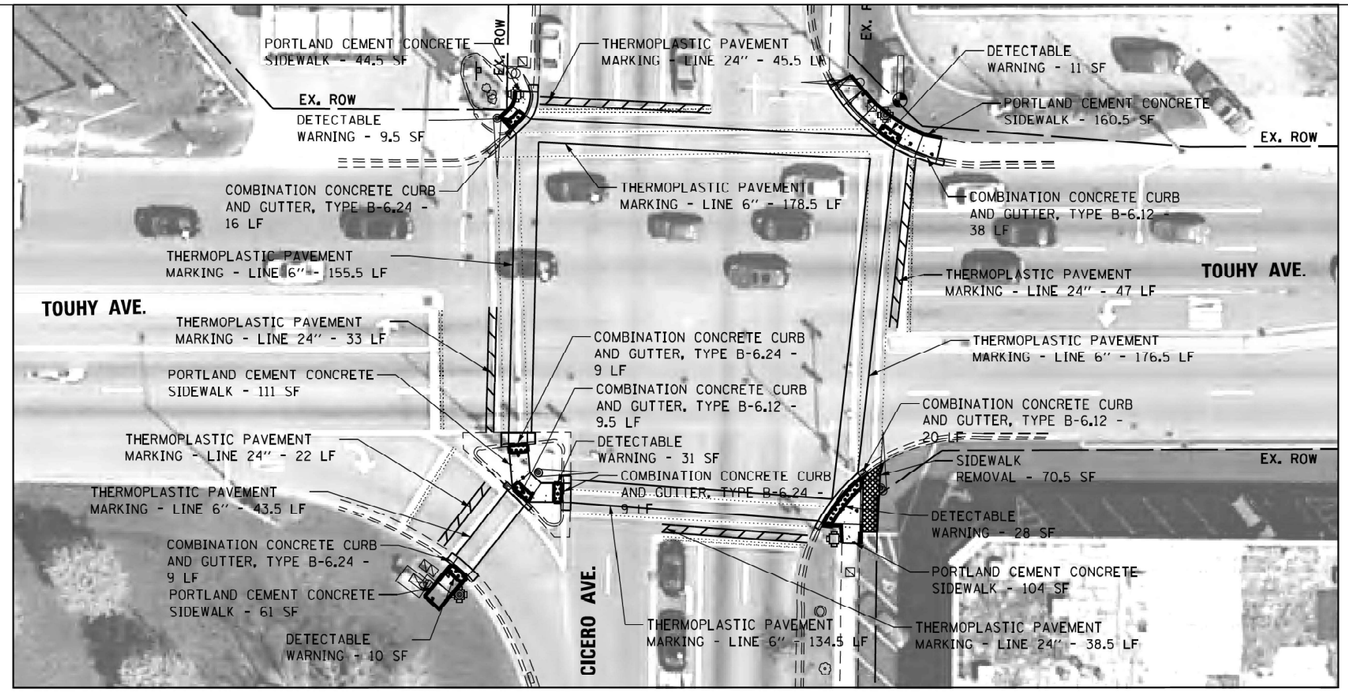


NORTHEAST CORNER





SOUTHEAST CORNER



PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- REMOVE AND REPLACE SIDEWALK
- 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.

MODEL: Cicero Ave. [Sheet]
FILE NAME: c:\pw_work\pwidot\hassam\d0905386\D1080122-sht-plan-02.dgn

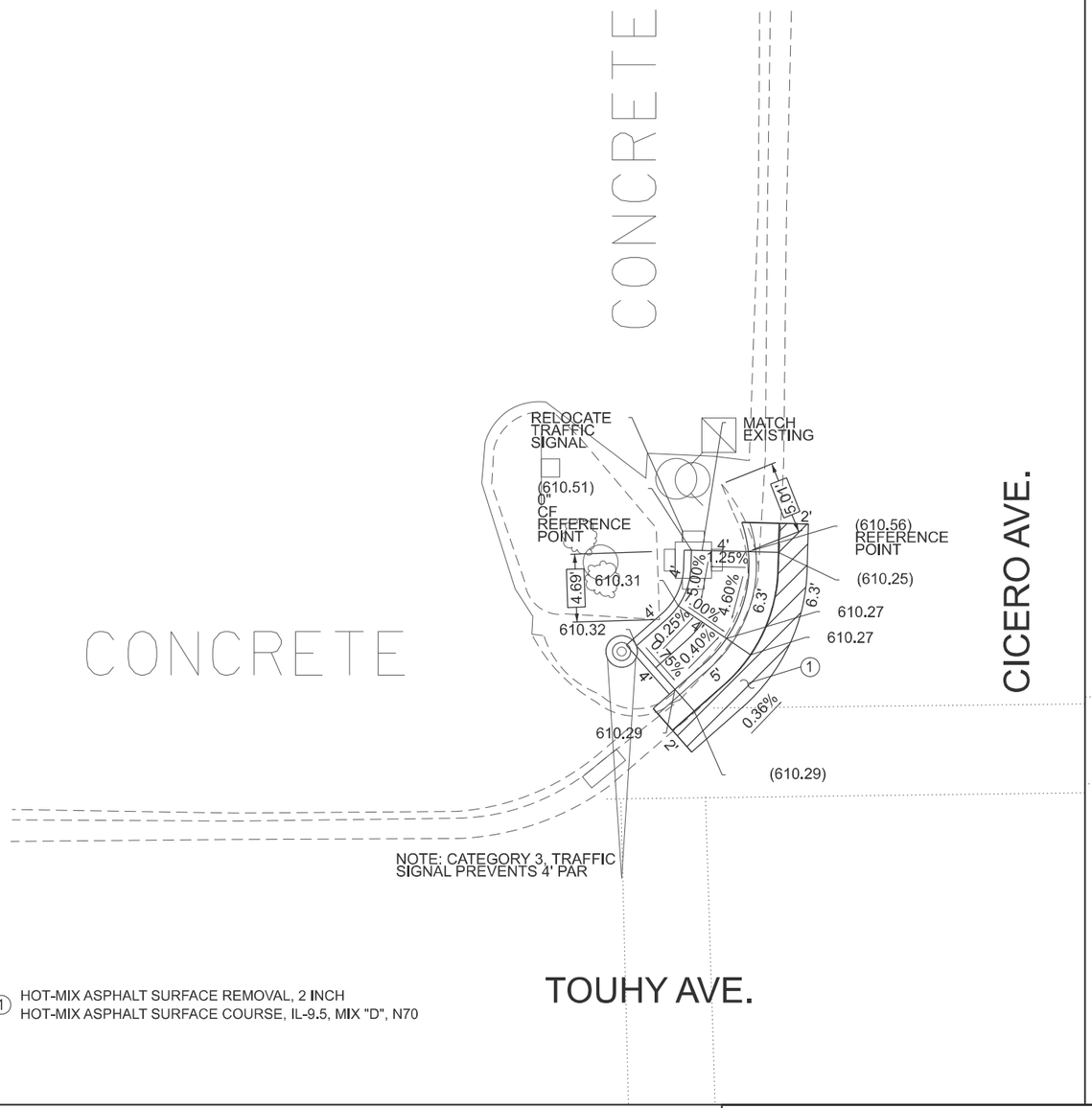
USER NAME = naveed.hassan	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 1/24/2025	DATE -	REVISED -	

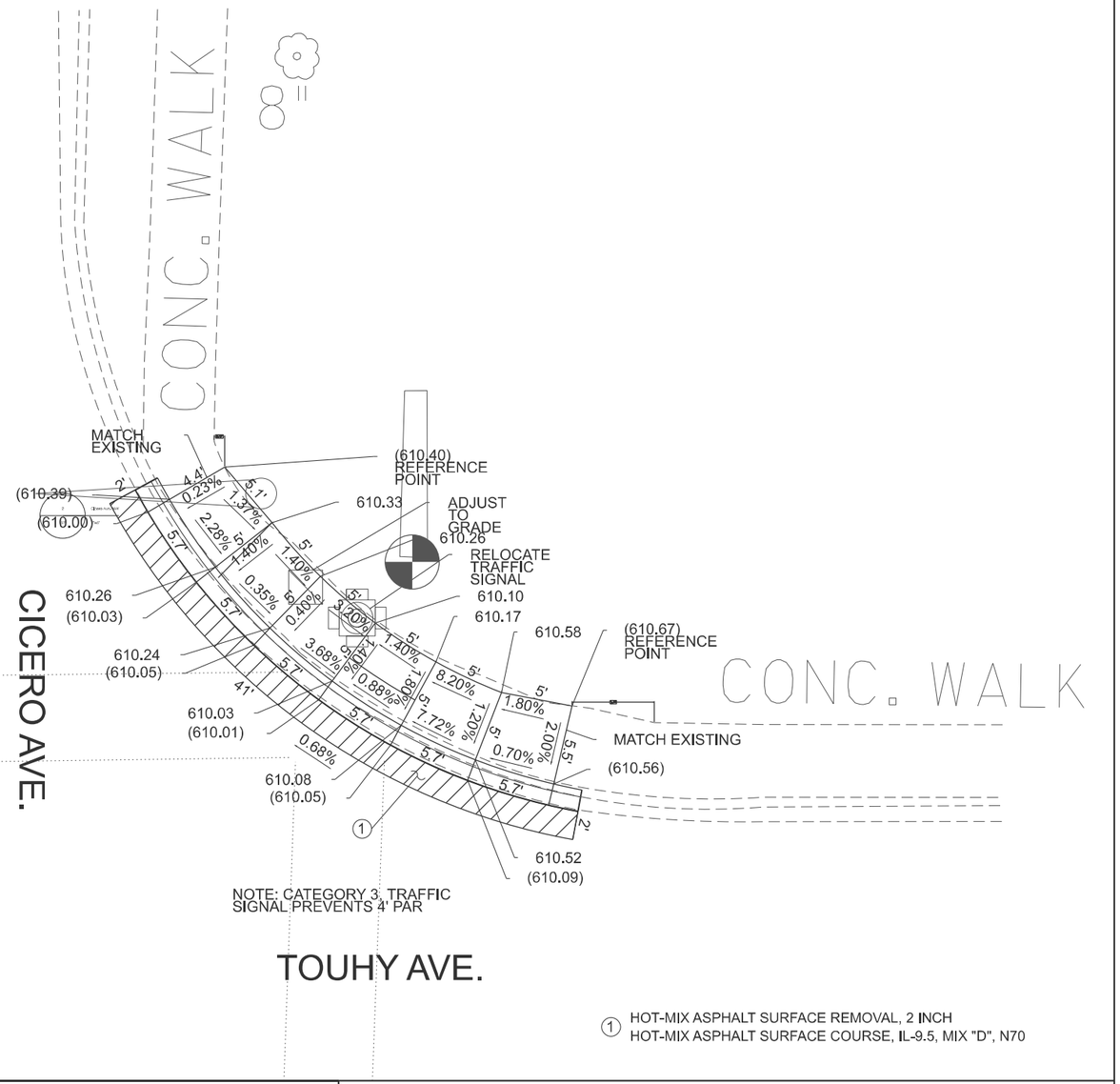
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP PLAN
IL. ROUTE 50 (CICERO AVE.) AT TOUHY AVE.

SCALE: Full Size 1 = 1 | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	65
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			





REFERENCE BENCHMARK ELEVATION: 610.556

BENCHMARK: CUT SQUARE ON SOUTH SIDE OF CONCRETE BASE OF SHELL GAS STATION SIGN

LOCATION: NORTHEAST QUADRANT OF TOUHY AVE AND CICERO AVE.

LEGEND

- EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

MODEL: Cicero Ave, NW [Sheet]
FILE NAME: c:\pw_work\pwidot\hassanm\d0905386\D1098022-sht-ADA-02.dgn

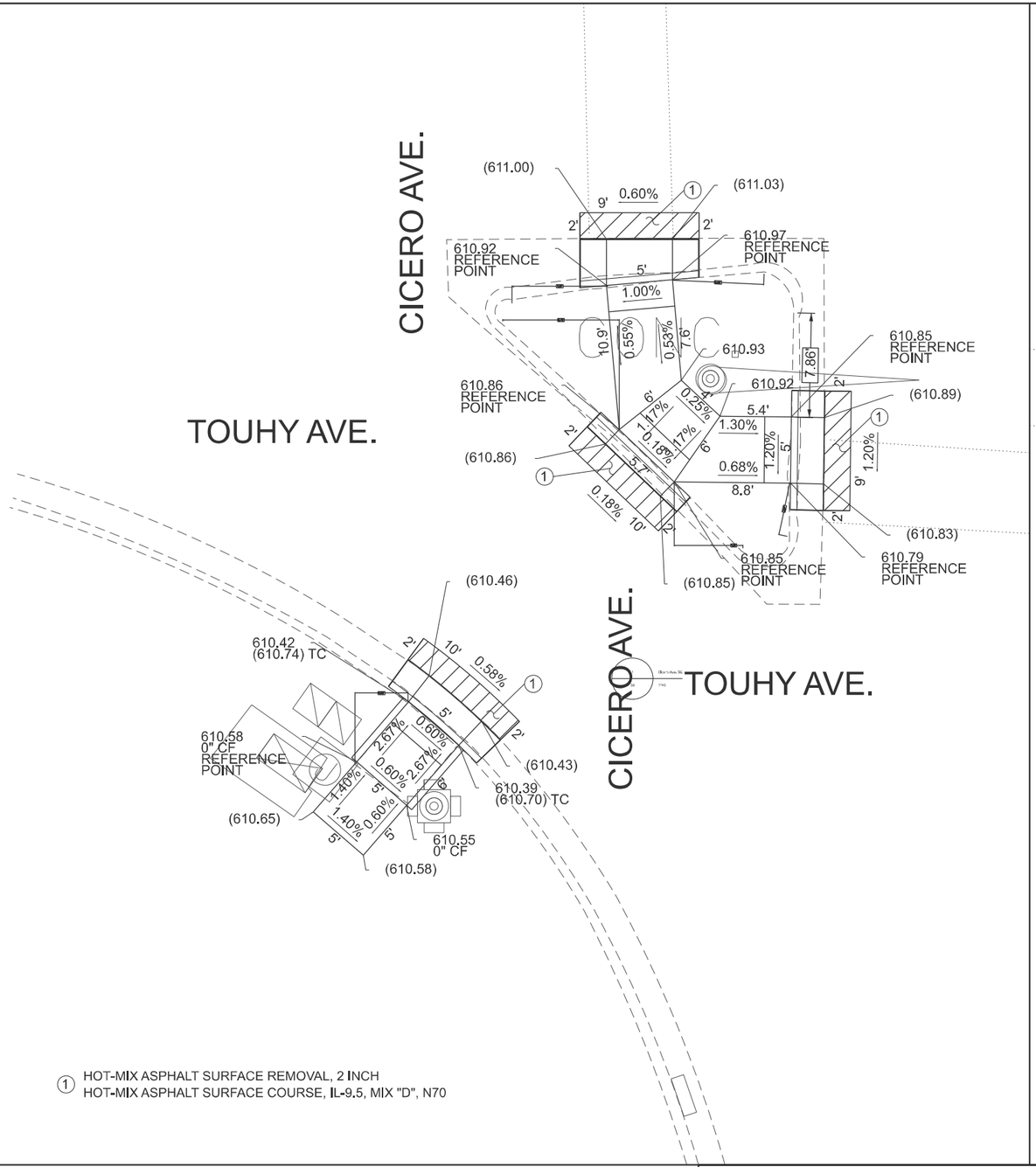
USER NAME = naveed,hassan	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 1/24/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

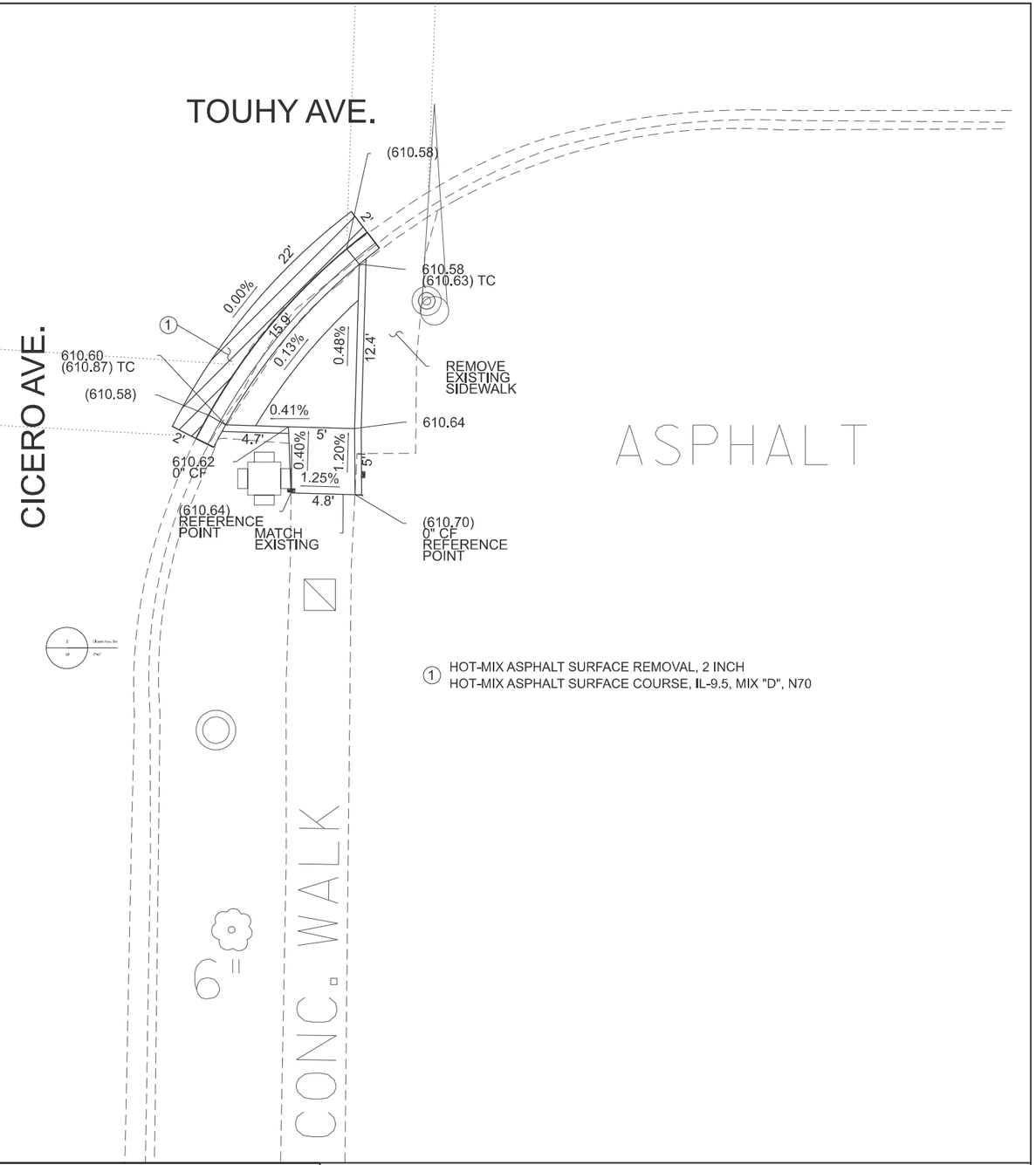
CURB RAMP DETAILS
IL. ROUTE 50 (CICERO AVE.) AT TOUHY AVE.

SCALE: | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	66
		CONTRACT NO. 62R02		
		ILLINOIS FED. AID PROJECT		



① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70



① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70

REFERENCE BENCHMARK ELEVATION: 610.556

BENCHMARK: CUT SQUARE ON SOUTH SIDE OF CONCRETE BASE OF SHELL GAS STATION SIGN

LOCATION: NORTHEAST QUADRANT OF TOUHY AVE AND CICERO AVE.

LEGEND

- EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

USER NAME = naveed.hassan	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 1/24/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
IL. ROUTE 50 (CICERO AVE.) AT TOUHY AVE.

SCALE: | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	67
		CONTRACT NO. 62R02		
		ILLINOIS FED. AID PROJECT		

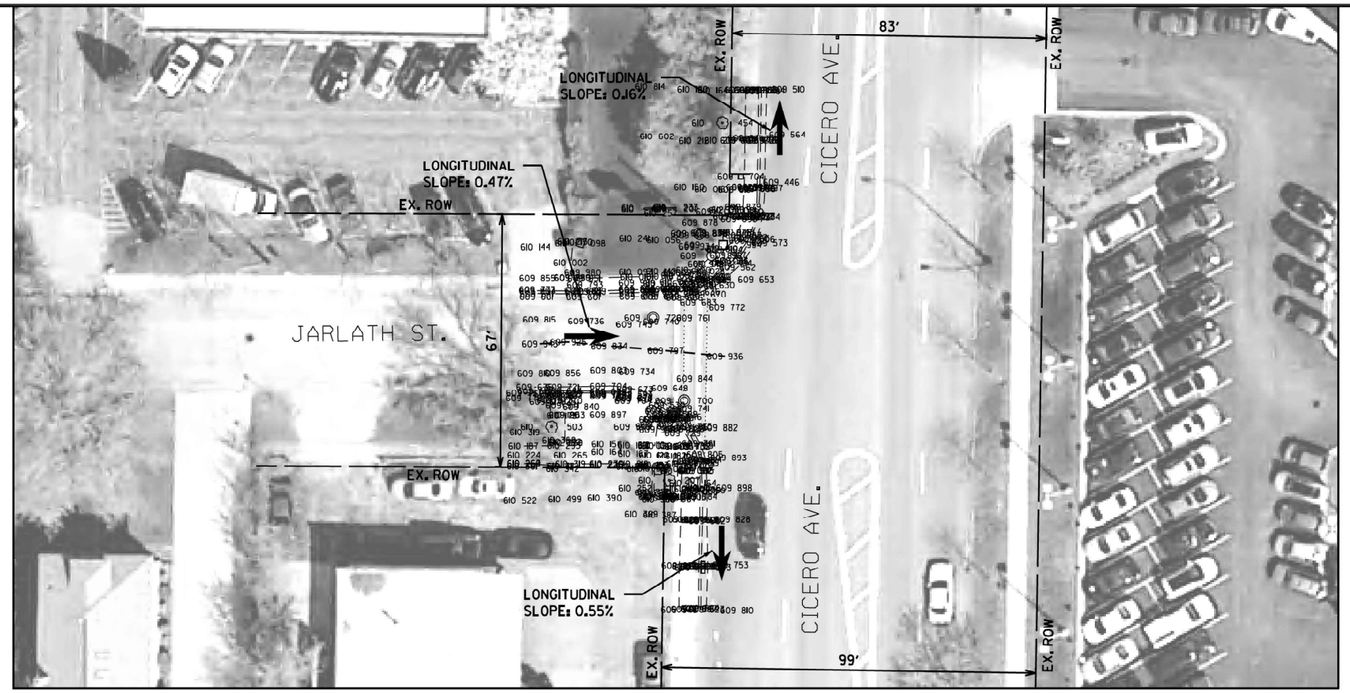
MODEL: Cicero Ave. Sw [Sheet]
FILE NAME: c:\pw_work\pwdot\hassannd\d0905386\D108022-sht-ADA-02.dgn



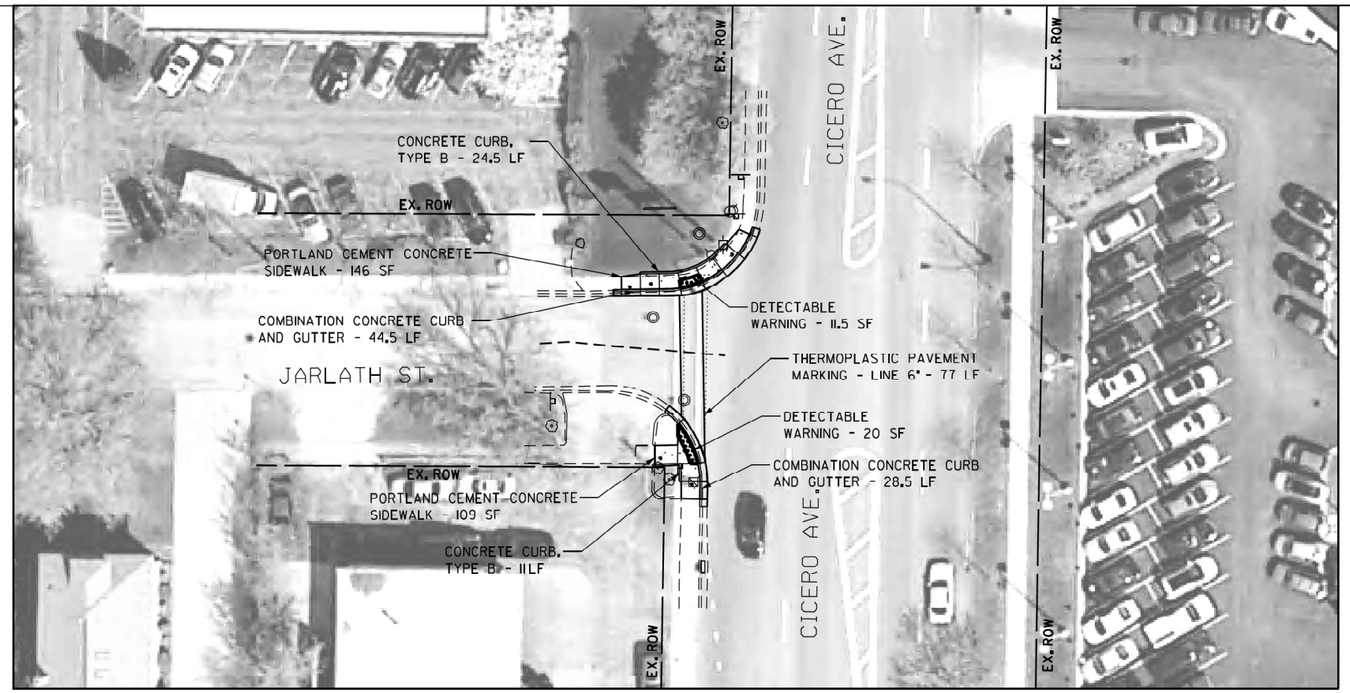
NORTHWEST CORNER



SOUTHWEST CORNER



EXISTING



PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- REMOVE AND REPLACE SIDEWALK
- 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.

MODEL: Jarlath St. [Sheet
FILE NAME: c:\pw_work\pwidot\hassamd\d0905386\D1080122-sht-plan-02.dgn

USER NAME = naveed.hassan	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 1/24/2025	DATE -	REVISED -	

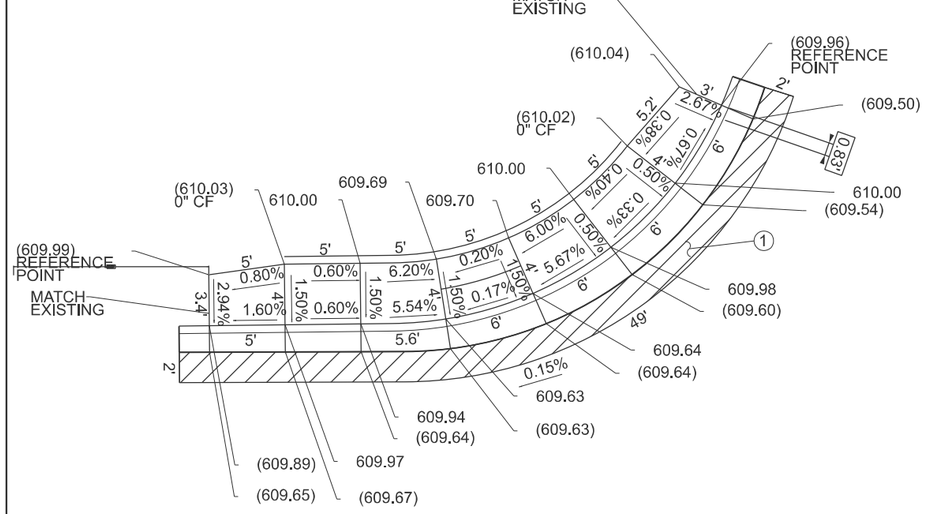
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP PLAN
IL. ROUTE 50 (CICERO AVE.) AT JARLATH ST.

SCALE: Full Size 1 = 1 | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	68
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			

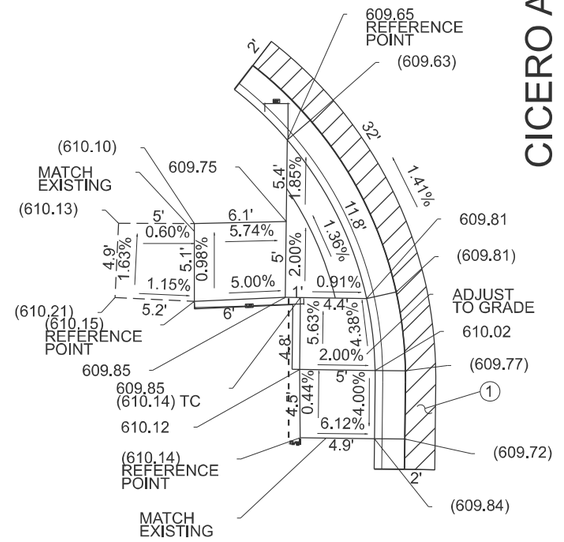
CICERO AVE.



JARLATH ST.

① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70

JARLATH ST.



① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70

REFERENCE BENCHMARK ELEVATION: 612.050

BENCHMARK: "X" CUT ON BOLT OF FIRE HYDRANT

LOCATION: NORTHWEST QUADRANT OF CICERO AVE AND JARLATH ST.

LEGEND

- EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

MODEL: Jarlath St. N/V [Sheet]
FILE NAME: c:\pw_work\pwdot\hassannd\d0905386\D1108022-sht-ADA-03.dgn

USER NAME = naveed.hassan	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 1/24/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
IL. ROUTE 50 (CICERO AVE.) AT JARLATH ST.

SCALE: | SHEET OF 86 SHEETS | STA. | TO STA.

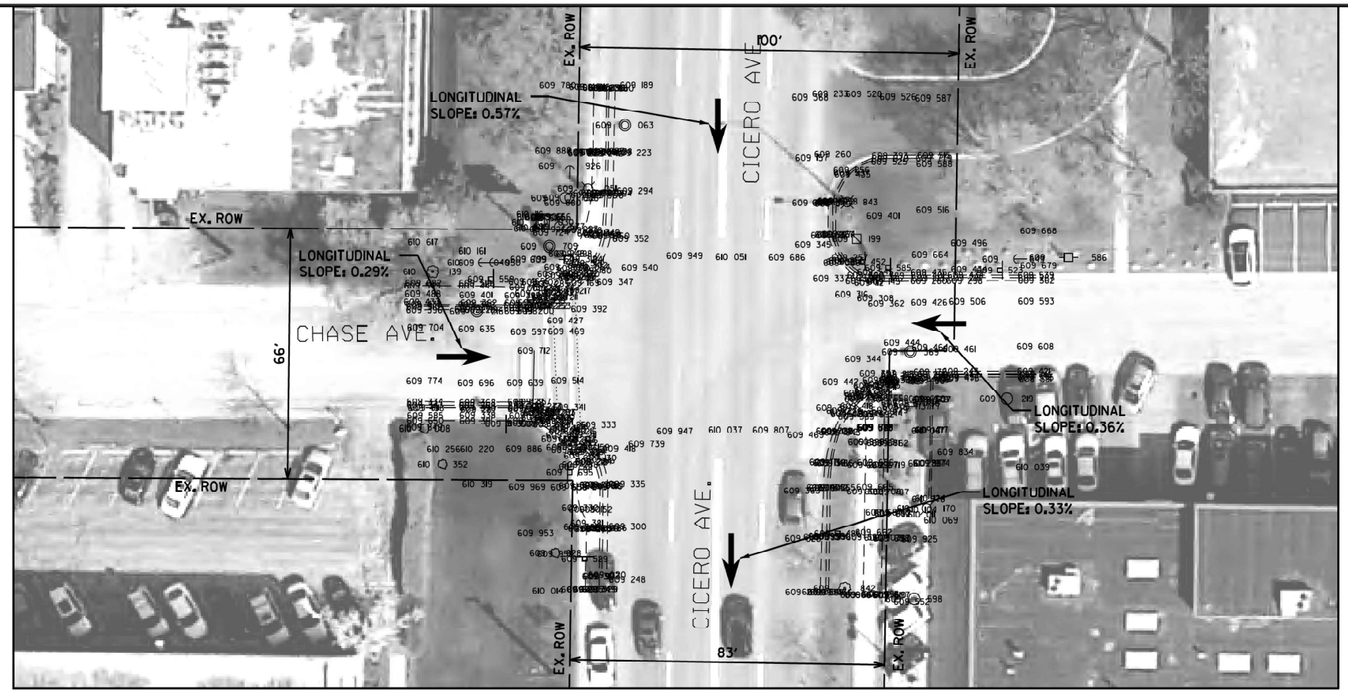
F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	69
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			



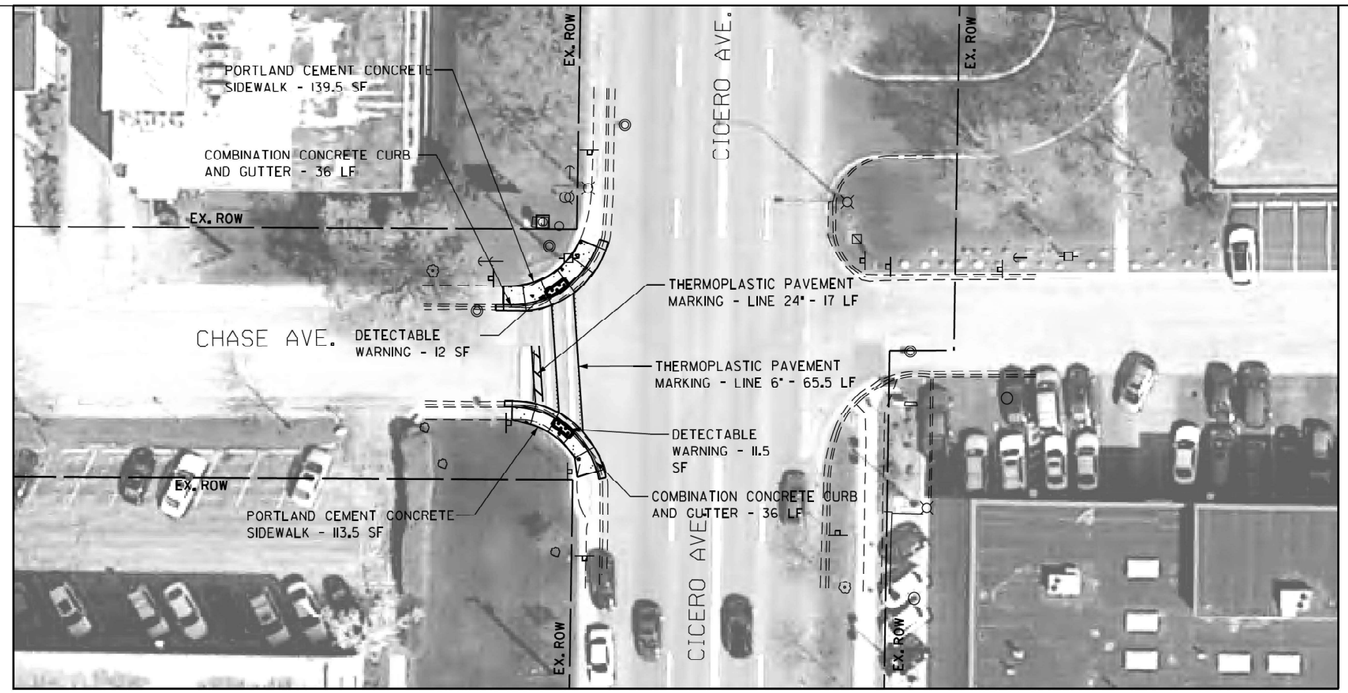
NORTHWEST CORNER



SOUTHWEST CORNER



EXISTING



PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- REMOVE AND REPLACE SIDEWALK
- 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.

MODEL: Chase Ave. [Sheet]
FILE NAME: c:\pw_work\pwidot\hassamn\d0905386\D1080122-sht-plan-02.dgn

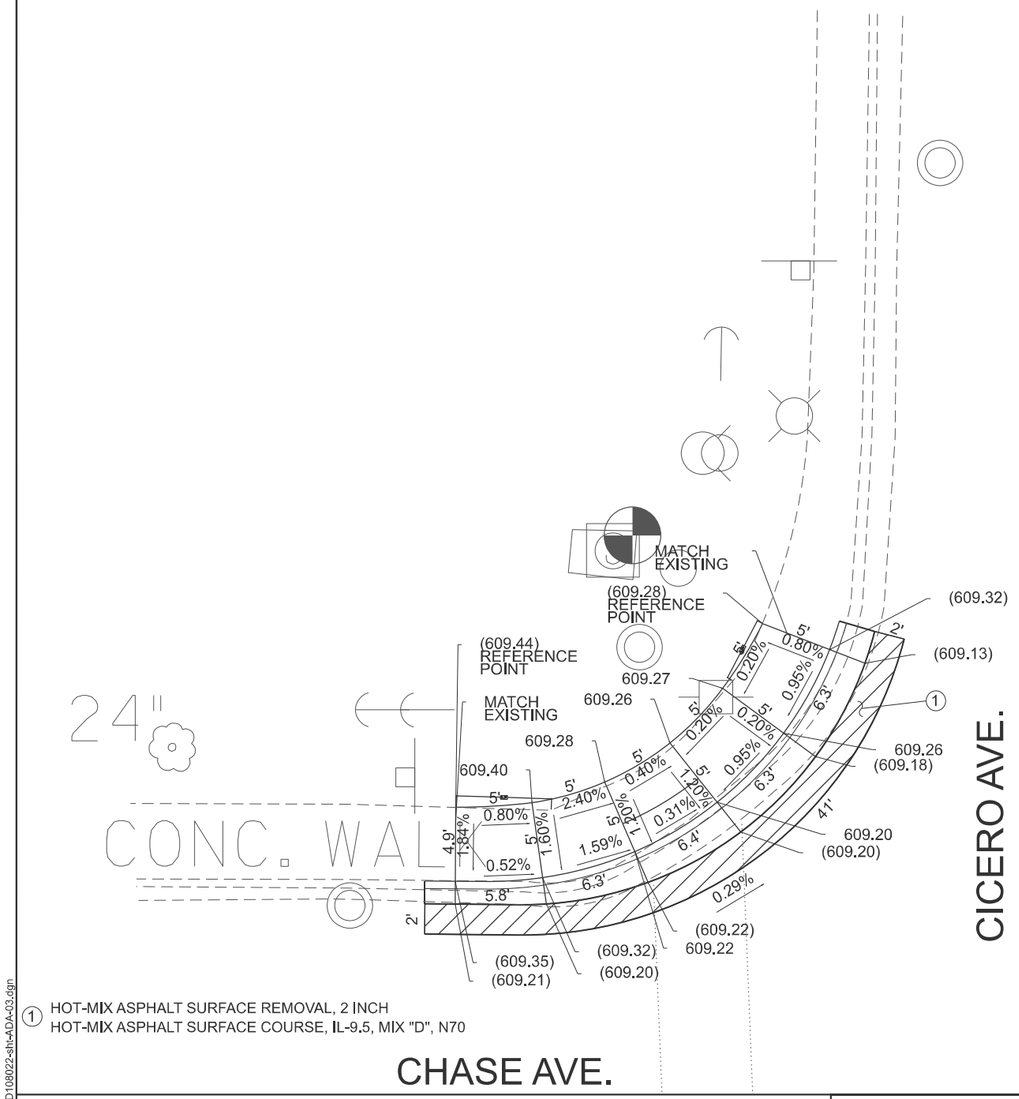
USER NAME = naveed.hassan	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 1/24/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

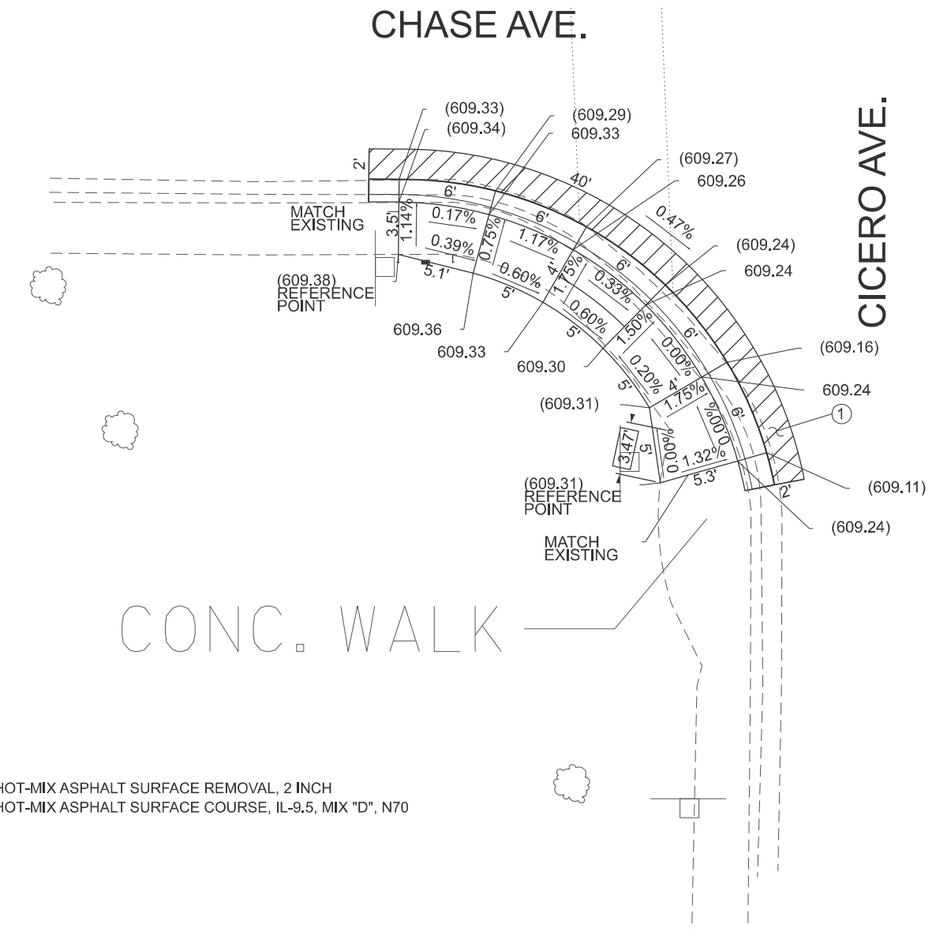
CURB RAMP PLAN
IL. ROUTE 50 (CICERO AVE.) AT CHASE AVE.

SCALE: Full Size 1 = 1 | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	70
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			



① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70



① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70

REFERENCE BENCHMARK ELEVATION: 610.524

BENCHMARK: "X" CUT ON NORTHEAST CORNER OF CONCRETE BASE OF LIGHTING CONTROL BOX

LOCATION: NORTHWEST QUADRANT OF CICERO AVE. AND CHASE AVE.

LEGEND

- EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
IL. ROUTE 50 (CICERO AVE.) AT CHASE AVE.

SCALE: | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	71
		CONTRACT NO. 62R02		
	ILLINOIS	FED. AID PROJECT		

MODEL: Chase Ave [Sheet]
FILE NAME: c:\pw_work\pwdot\hassamn\d0905386\D1108022-sht-ADA-03.dgn

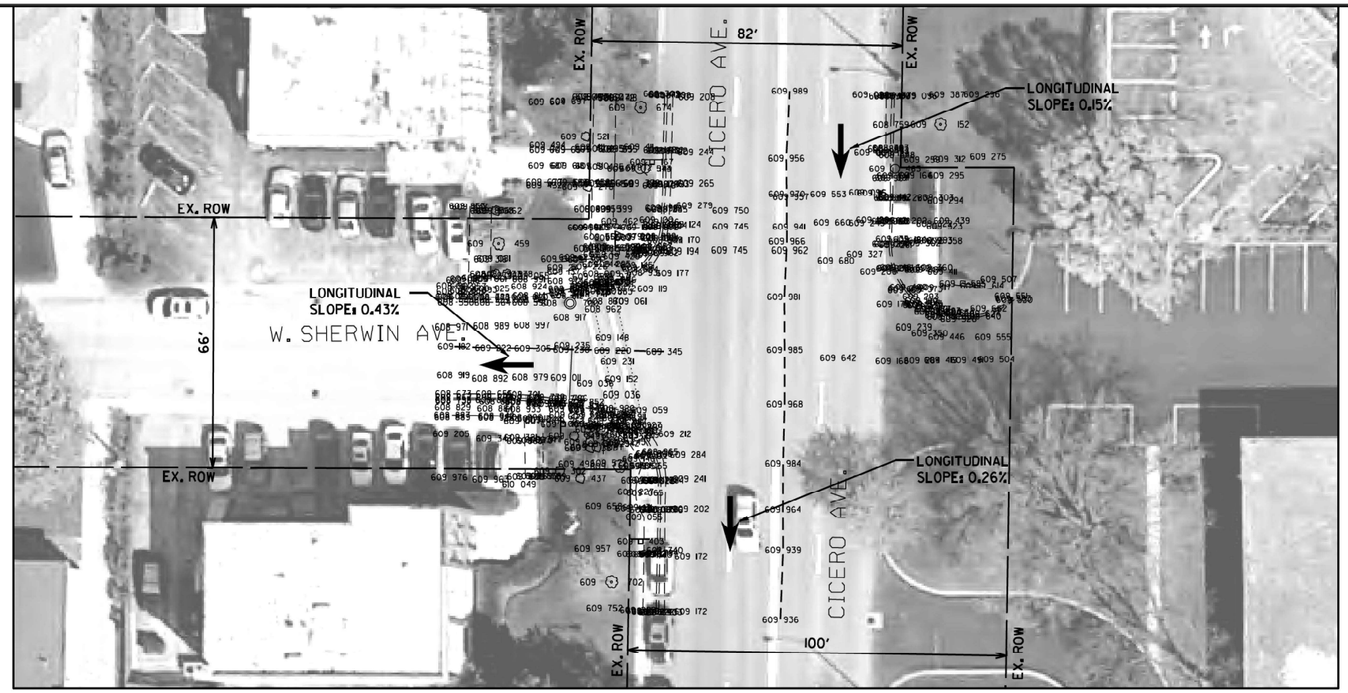




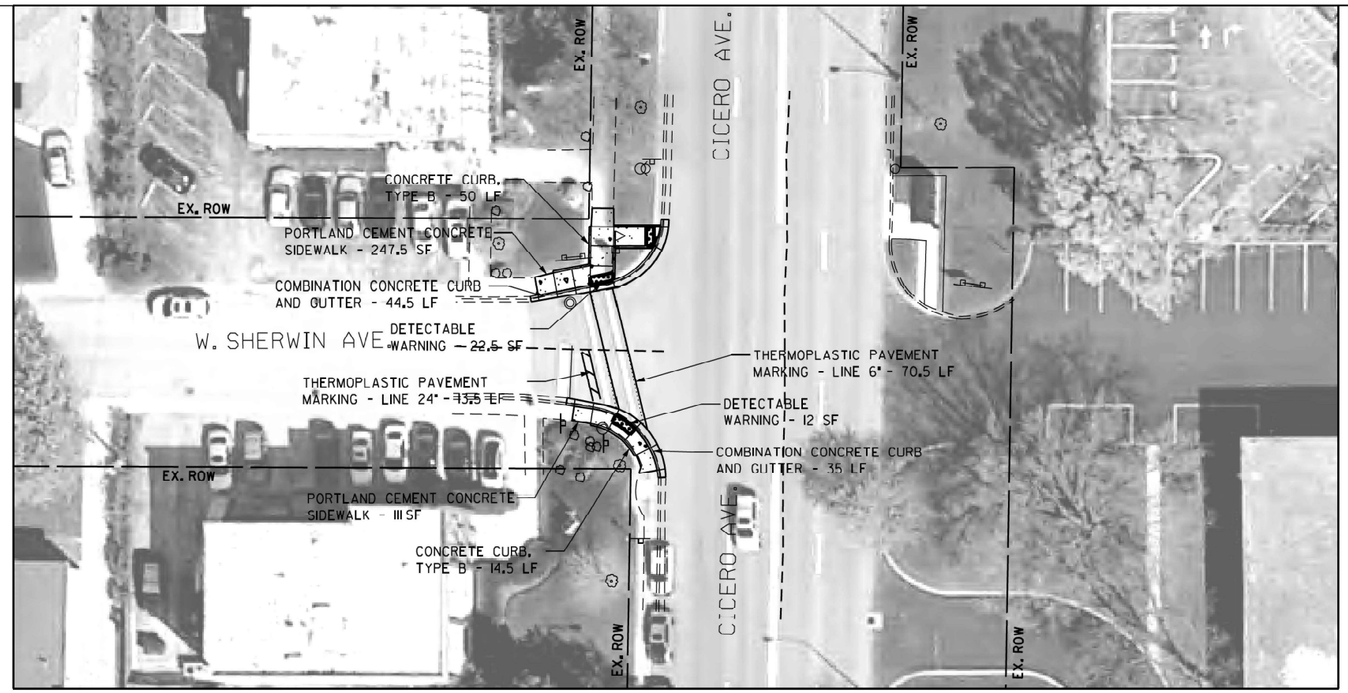
NORTHWEST CORNER



SOUTHWEST CORNER



EXISTING



PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- REMOVE AND REPLACE SIDEWALK
- 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.

MODEL: Sherwin Ave. [Sheet]
FILE NAME: c:\pw_work\pwidot\hassamm\d0905386\D1080122-sht-plan-02.dgn

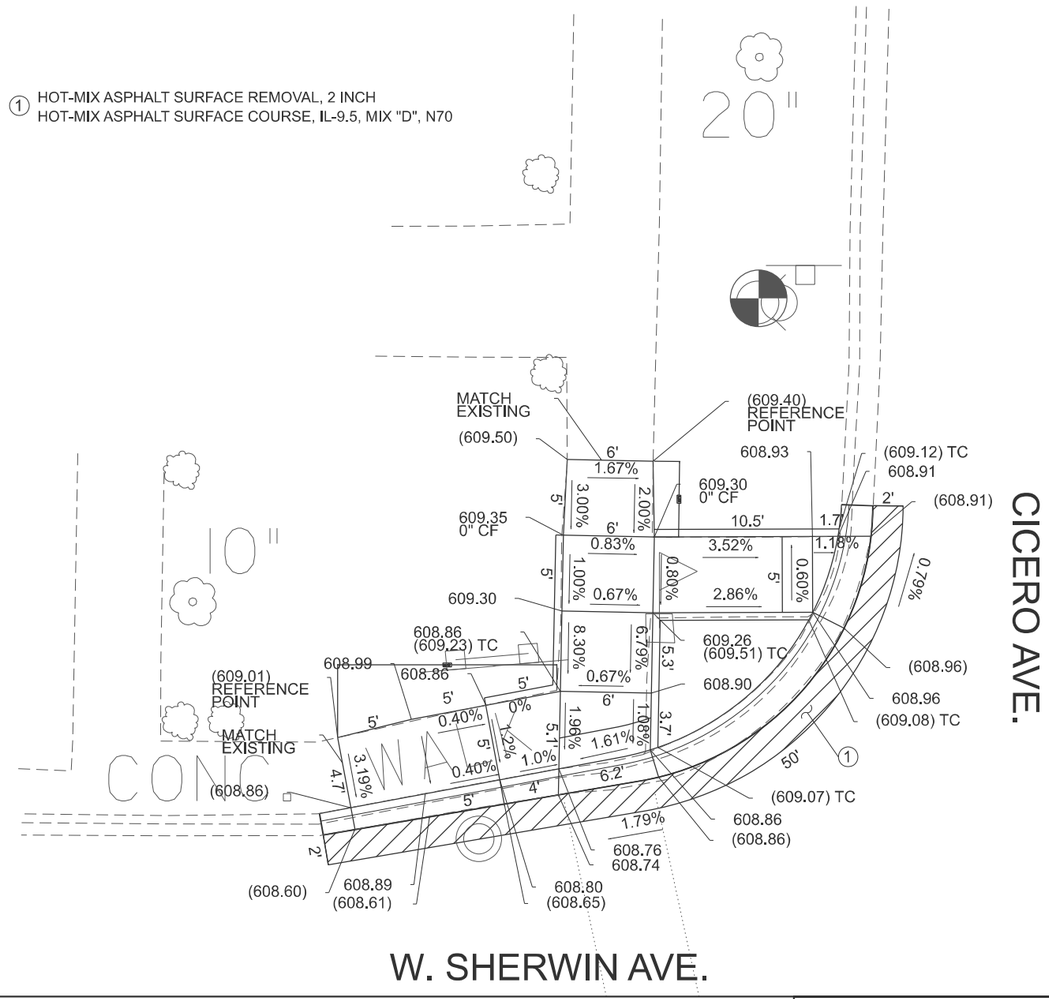
USER NAME = naveed.hassan	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 1/24/2025	DATE -	REVISED -	

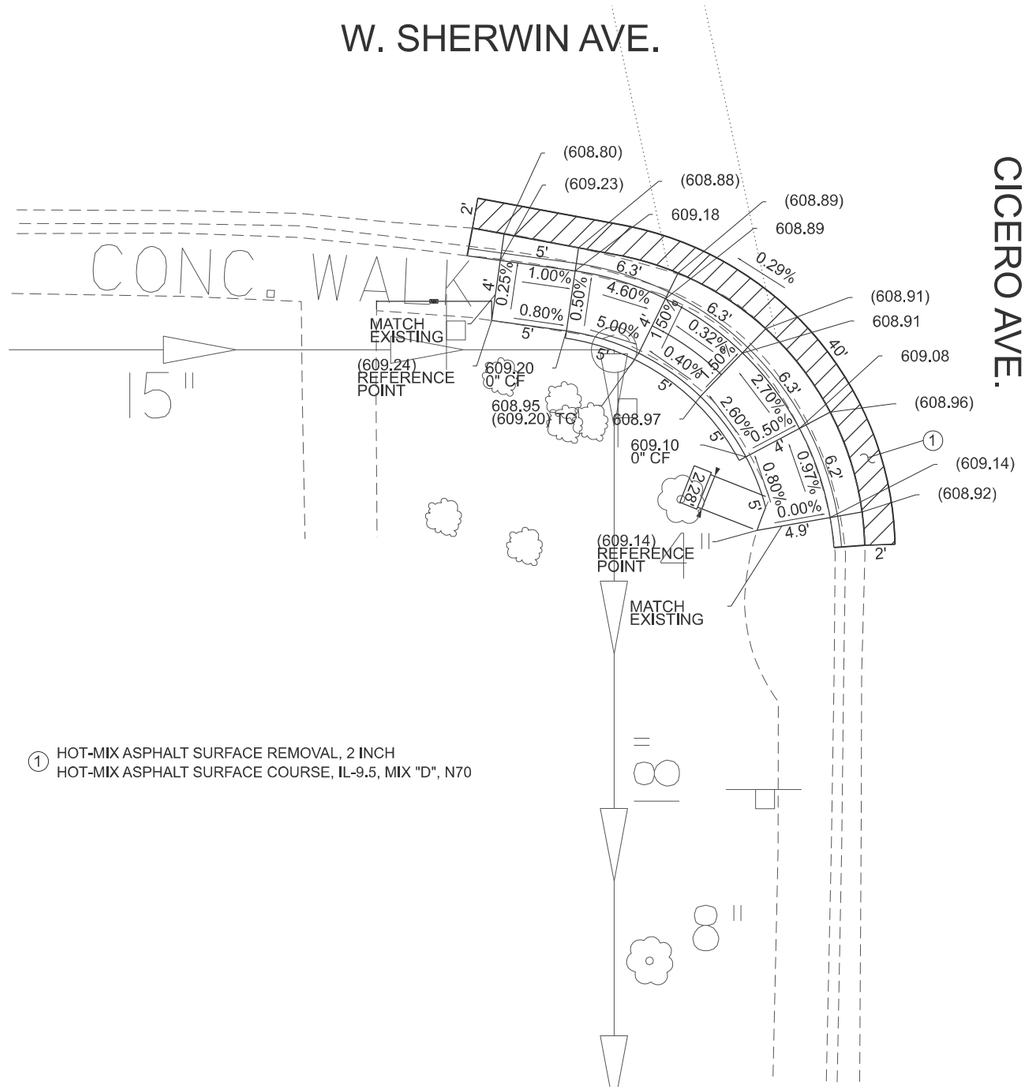
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP PLAN
IL. ROUTE 50 (CICERO AVE.) AT SHERWIN AVE.

SCALE: Full Size 1 = 1 | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	72
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			





① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70

REFERENCE BENCHMARK ELEVATION: 611.872

BENCHMARK: "X" CUT ON NORTHWEST BOLT OF FIRE HYDRANT

LOCATION: NORTHWEST QUADRANT OF CICERO AVE. AND SHERWIN AVE.

LEGEND

- EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

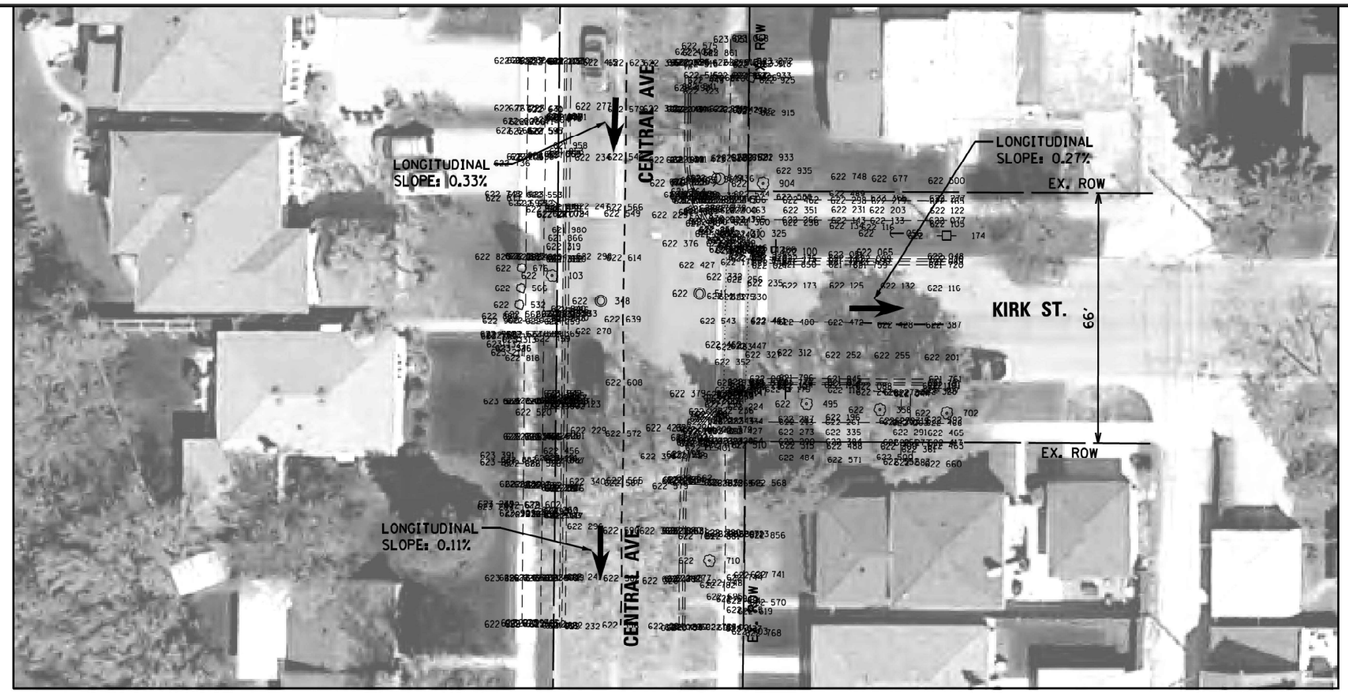
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
IL. ROUTE 50 (CICERO AVE.) AT SHERWIN AVE.

SCALE: | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	73
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			

MODEL: Sherwin Ave. NW [Sheet]
FILE NAME: c:\dw_work\pwidot\hassannd\d0905386\D108022-sht-ADA-03.dgn



EXISTING



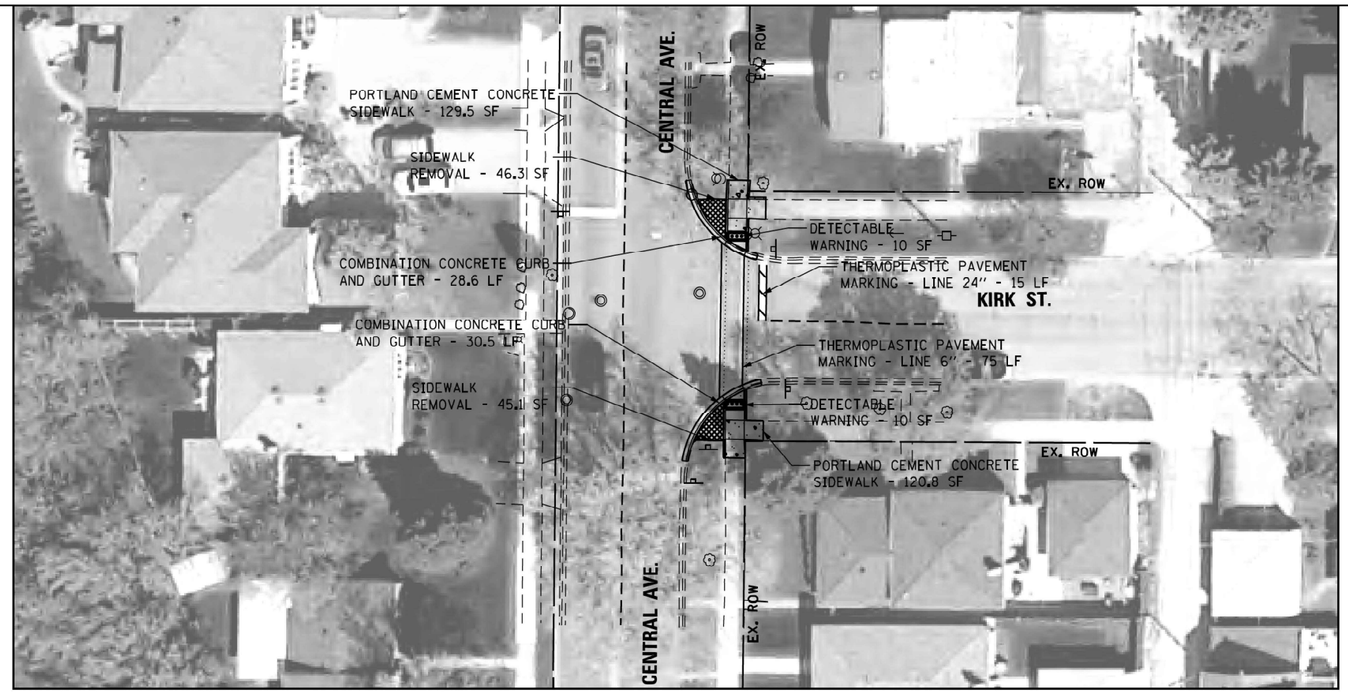


NORTHEAST CORNER





SOUTHEAST CORNER



PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- REMOVE AND REPLACE SIDEWALK
- 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.

MODEL: Kirk St. [Sheet]
FILE NAME: c:\pw_work\pwidot\hassamn\d0905386\D1080122-sht-plan-02.dgn

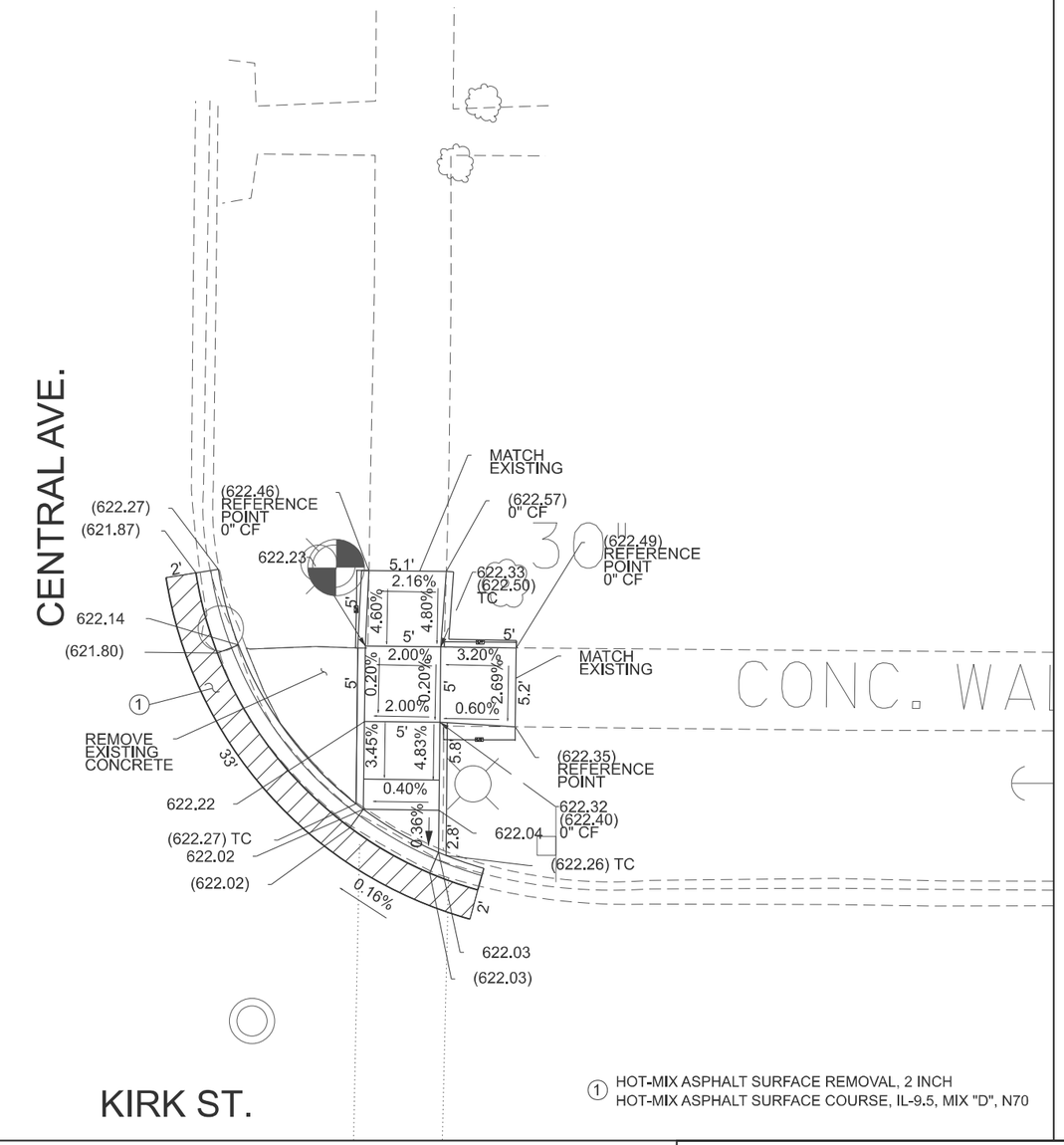
USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

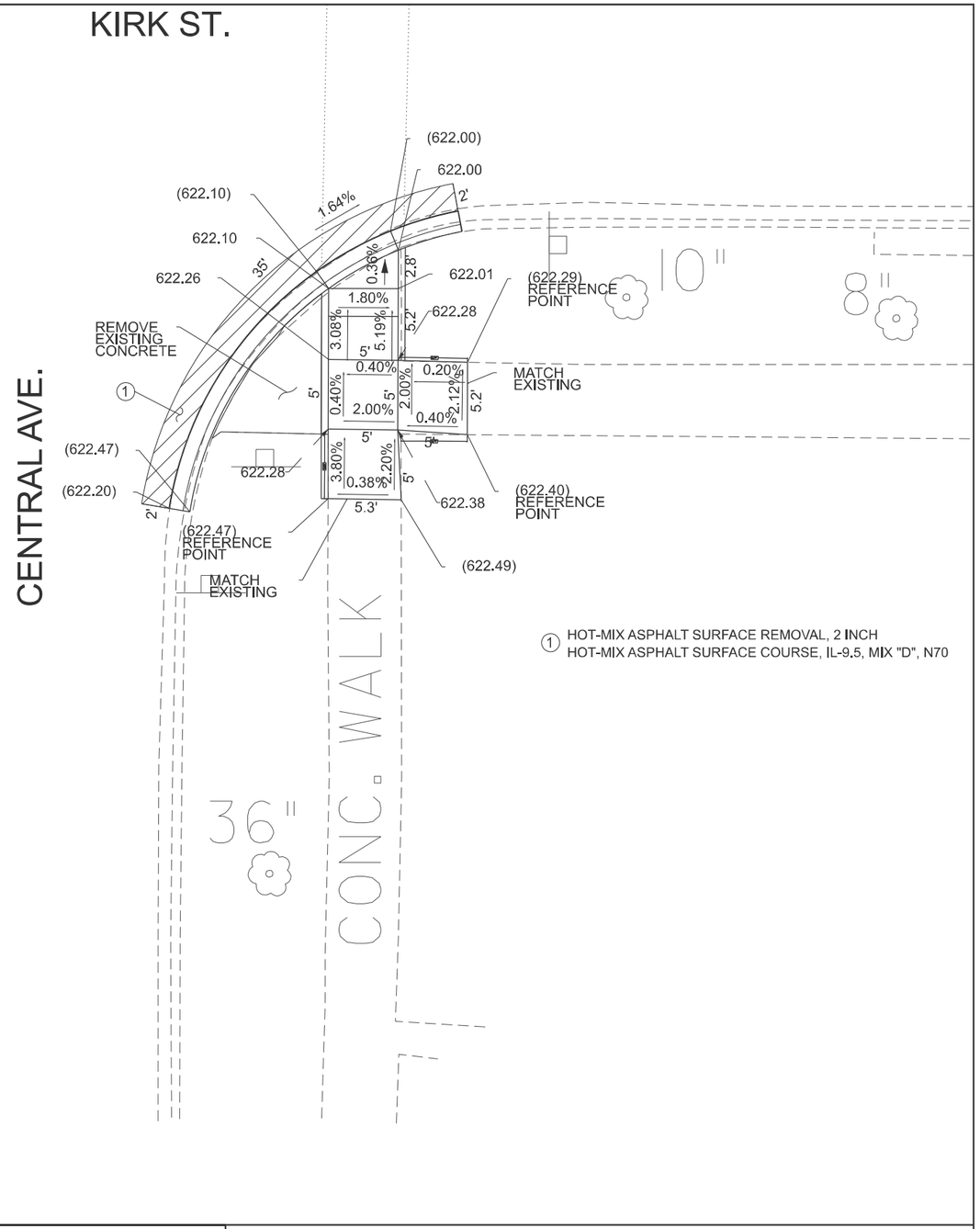
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP PLAN
CENTRAL AVE. AT KIRK ST.

SCALE: Full Size 1 = 1 | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	74
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			





REFERENCE BENCHMARK ELEVATION: 624.963

BENCHMARK: "X" CUT ON S. FLANGE BOLT OF FIRE HYDRANT

LOCATION: NORTHEAST QUADRANT OF CENTRAL AVE AND KIRK AVE.

LEGEND

- EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

MODEL: Kirk St. NE [Sheet]
FILE NAME: c:\pw_work\pwdot\hassanmd\d0905386\D1108022-sht-ADA-03.dgn

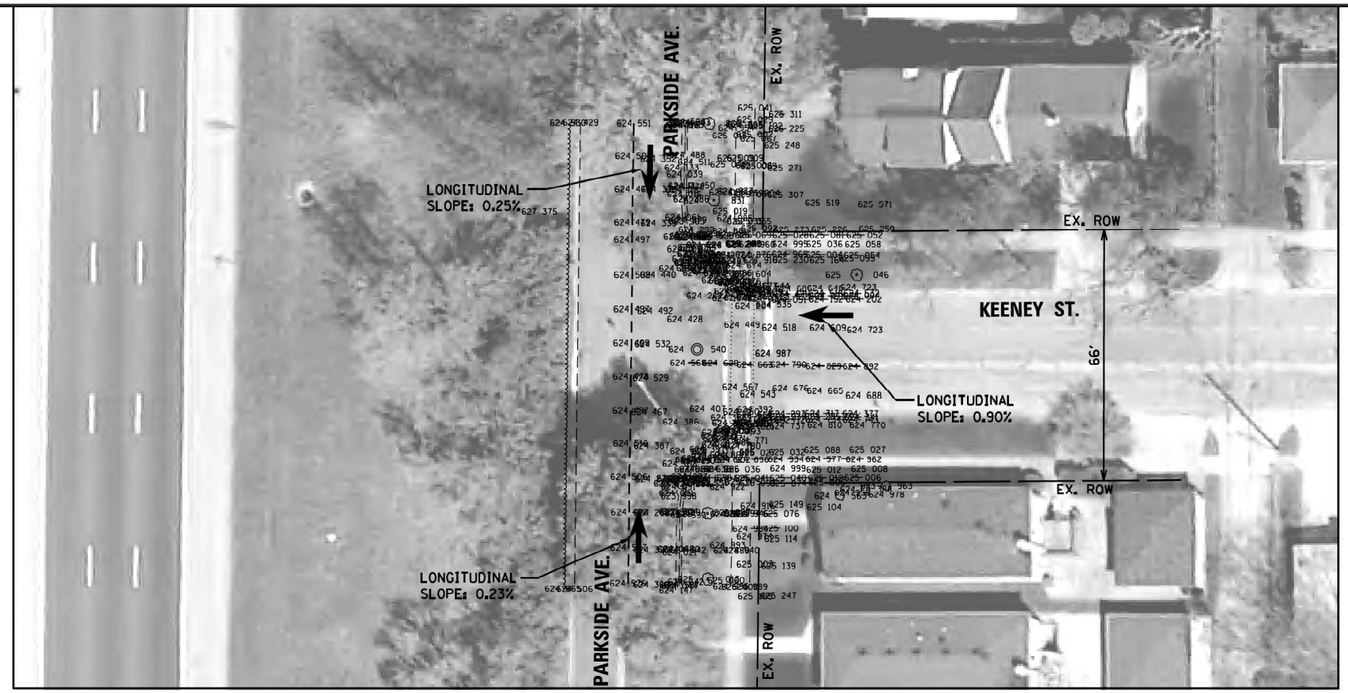
USER NAME = naveed.hassan	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 1/24/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
CENTRAL AVE. AT KIRK ST.

SCALE: | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	75
		CONTRACT NO. 62R02		
	ILLINOIS	FED. AID PROJECT		



EXISTING



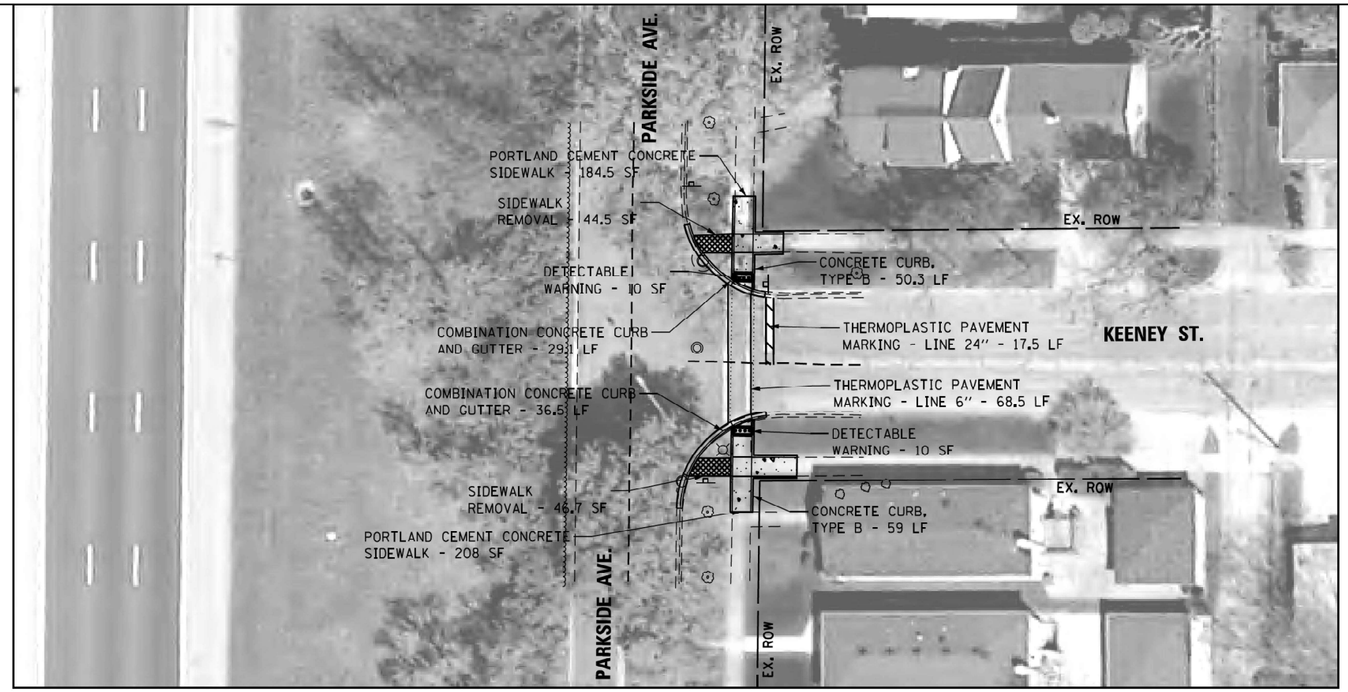


NORTHEAST CORNER





SOUTHEAST CORNER



PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- REMOVE AND REPLACE SIDEWALK
- 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.

MODEL: Keeney St. [Sheet]
FILE NAME: c:\pw_work\pwidot\hassanm\d0905386\D1080122-sht-plan-02.dgn

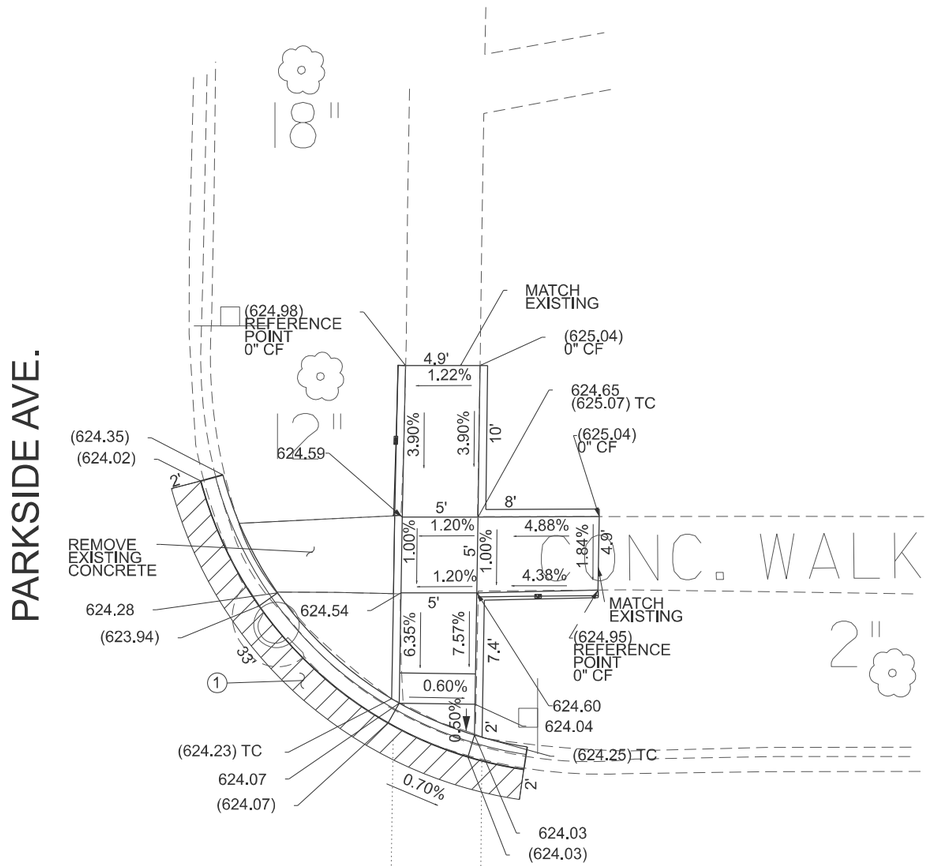
USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

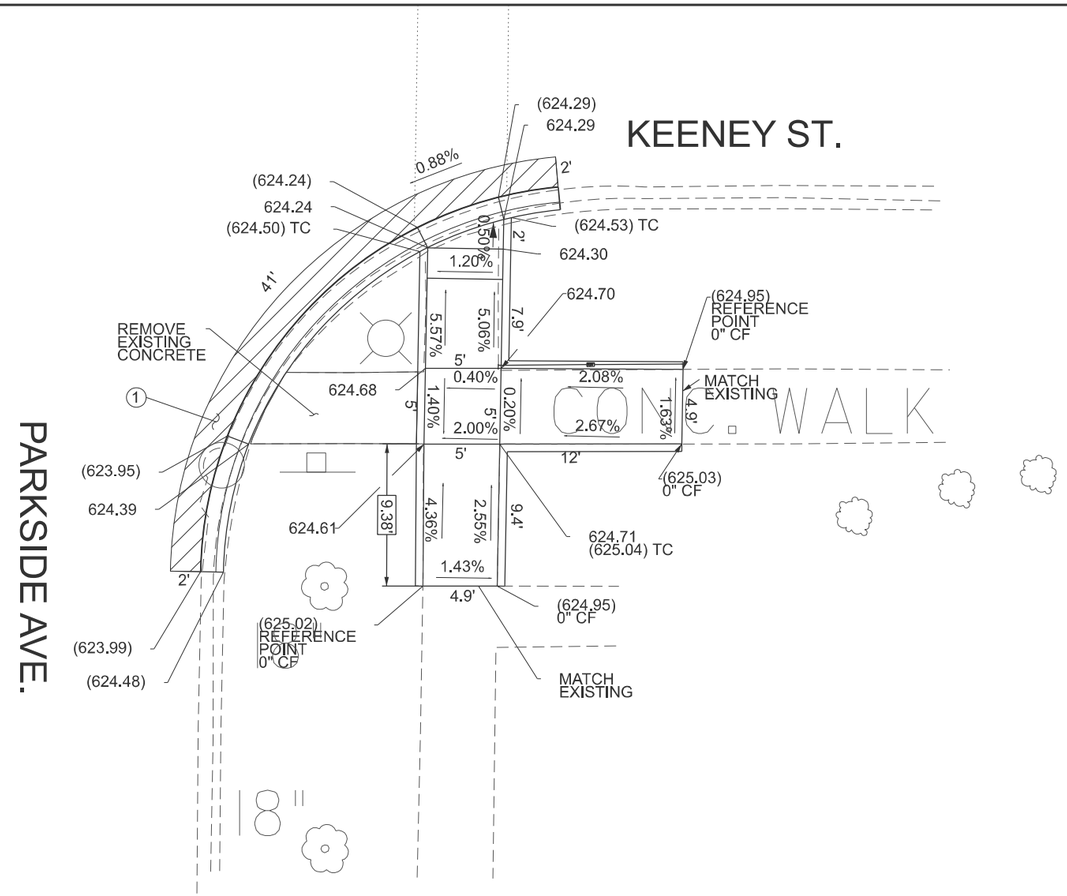
CURB RAMP PLAN
PARKSIDE AVE. AT KEENEY ST.

SCALE: Full Size 1 = 1 | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	78
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			



① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70



① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70

REFERENCE BENCHMARK ELEVATION: 627.379

BENCHMARK: "X" CUT ON NORTH FLANGE BOLT OF FIRE HYDRANT

LOCATION: NORTHWEST QUADRANT OF PARKSIDE AVE. AND KEENEY ST.

LEGEND

- EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

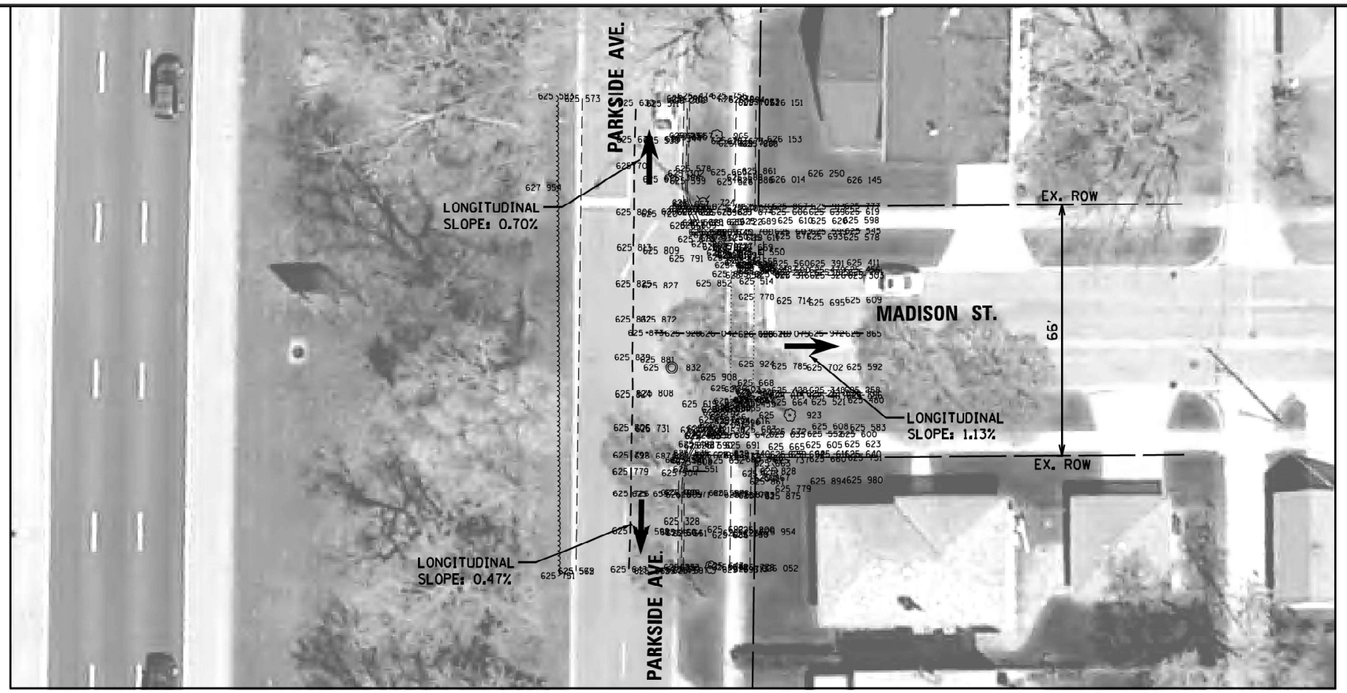
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
PARKSIDE AVE. AT KEENEY ST.

SCALE: | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	77
		CONTRACT NO. 62R02		
	ILLINOIS	FED. AID PROJECT		

MODEL: Keeney St. [Sheet]
FILE NAME: c:\pw_work\pwidot\hassannn\d0905386\D1080922-sht-ADA-03.dgn



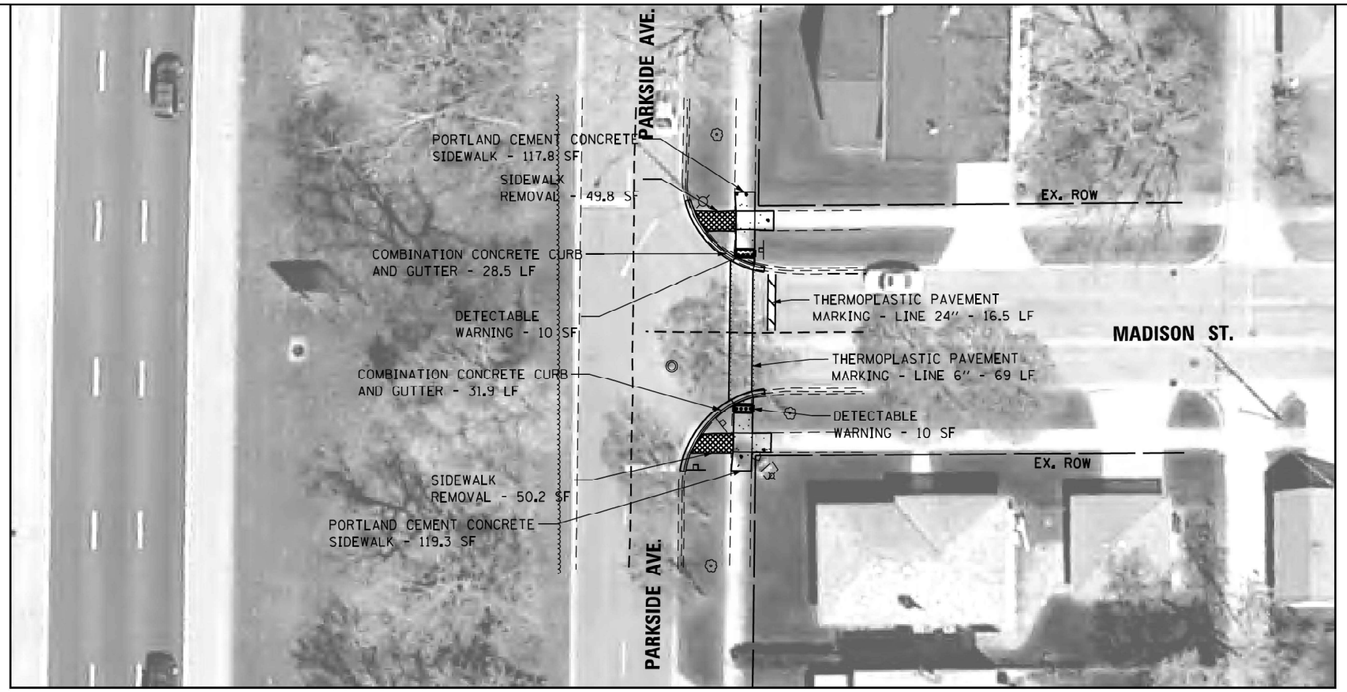
EXISTING



NORTHEAST CORNER



SOUTHEAST CORNER



PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- REMOVE AND REPLACE SIDEWALK
- 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.

MODEL: Madison St. [Sheet]
FILE NAME: c:\pw_work\pwidot\hassanm\d0905386\D1080122-sht-plan-02.dgn

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

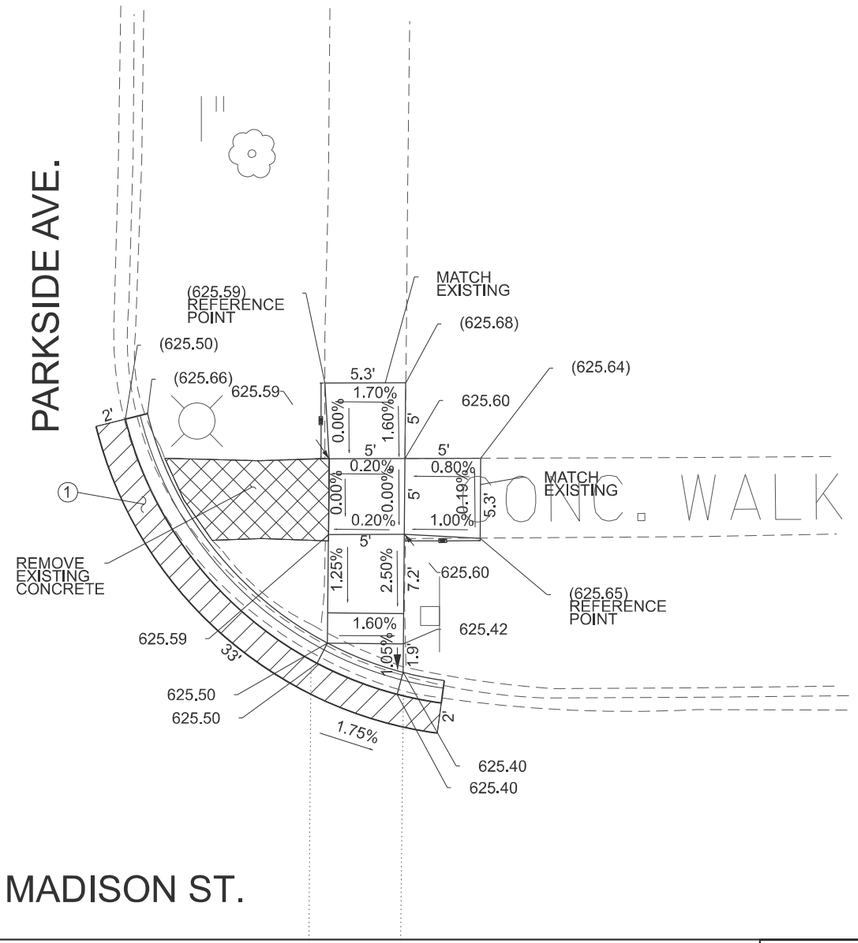
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

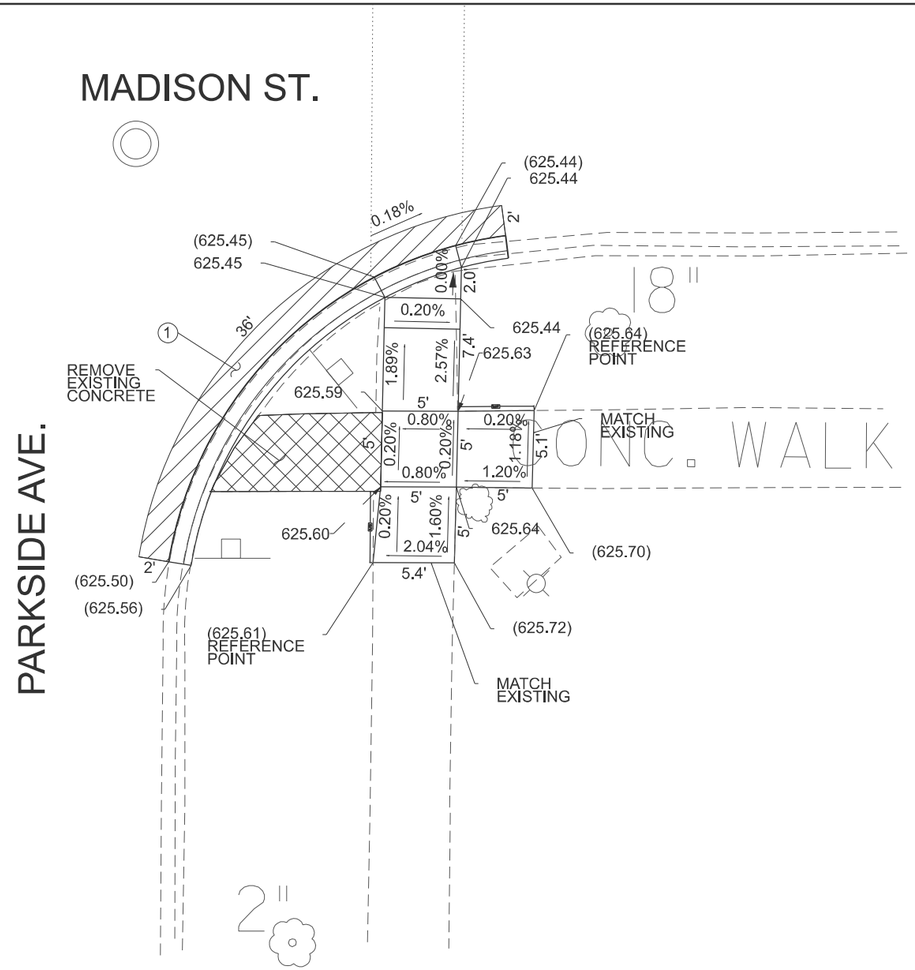
CURB RAMP PLAN
MADISON ST. AT PARKSIDE AVE.

SCALE: Full Size 1 = 1 | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	78
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			

① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70





① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70

REFERENCE BENCHMARK ELEVATION: 627.954

BENCHMARK: "X" CUT ON NORTHEAST FLANGE BOLT OF FIRE HYDRANT

LOCATION: NORTHWEST QUADRANT OF PARKSIDE AVE. AND MADISON ST.

LEGEND

- EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
MADISON ST. AT PARKSIDE AVE.

SCALE: | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	79
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			

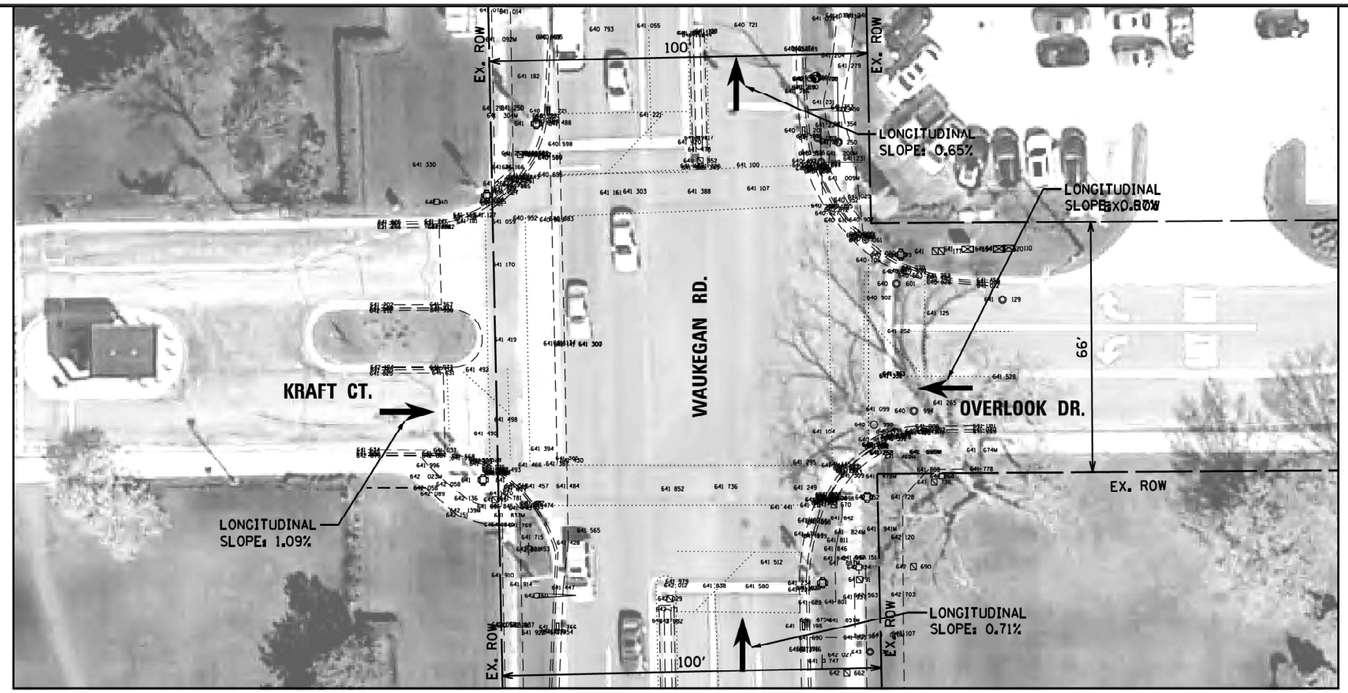
MODEL: Madison St. NE [Sheet]
FILE NAME: c:\pw_work\pwidot\hassannd\d0905386\D108022-sht-ADA-03.dgn



NORTHWEST CORNER



SOUTHWEST CORNER



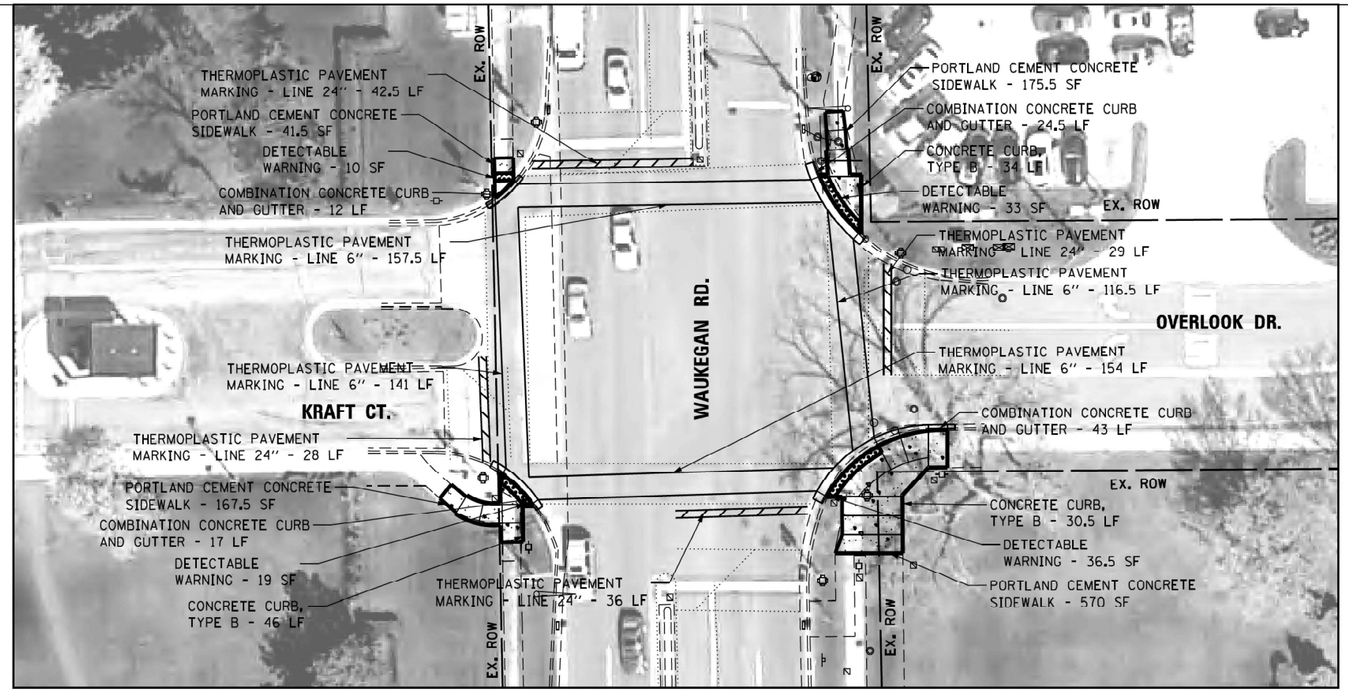
EXISTING



NORTHEAST CORNER



SOUTHEAST CORNER



PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- REMOVE AND REPLACE SIDEWALK
- 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.

MODEL: Kraft Ct. (Sheet
FILE NAME: c:\pw_work\pwidot\hassamn\d0905386\D1080122-sht-plan-02.dgn

USER NAME = naveed.hassan	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 1/24/2025	DATE -	REVISED -	

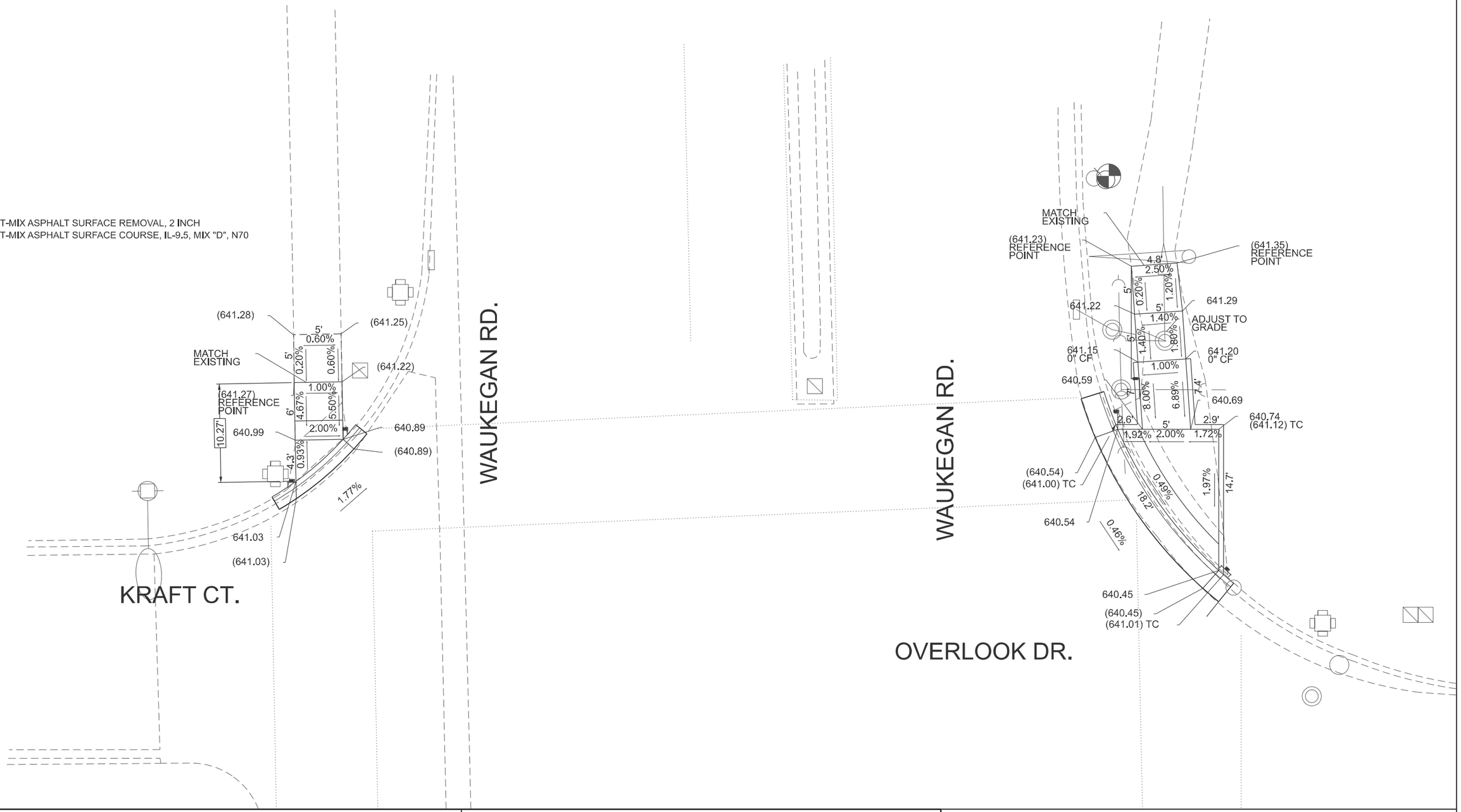
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP PLAN
IL. ROUTE 43 (WAUKEGAN ROAD) AT KRAFT CT. / OVERLOOK DR.

SCALE: Full Size 1 = 1 | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	80
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			

① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70



REFERENCE BENCHMARK ELEVATION: 642.12

BENCHMARK: "X" CUT ON BOLT ON FIRE HYDRANT

LOCATION: NORTHEAST QUADRANT OF WAUKEGAN ROAD AND KRAFT CT.

LEGEND

- EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

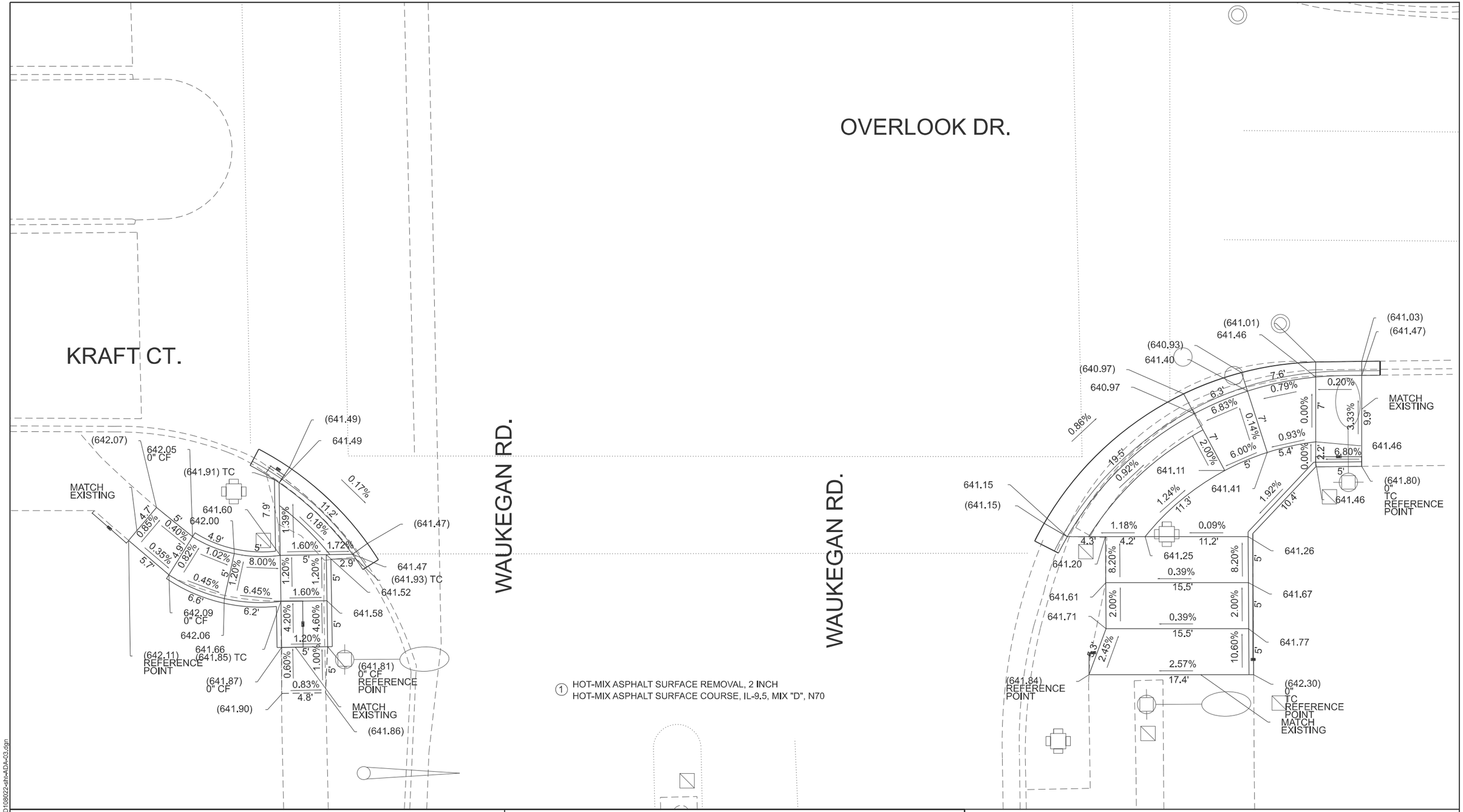
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
IL. ROUTE 43 (WAUKEGAN ROAD) AT KRAFT CT. / OVERLOOK DR.

SCALE: | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	81
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			

MODEL: Kraft North [Sheet]
FILE NAME: c:\pw_work\pwdot\hassannd\d0905386\D108022-sht-ADA-03.dgn



① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70

REFERENCE BENCHMARK ELEVATION: 642.12

BENCHMARK: "X" CUT ON BOLT ON FIRE HYDRANT

LOCATION: NORTHEAST QUADRANT OF WAUKEGAN ROAD AND KRAFT CT.

LEGEND

- EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
  REPLACE W/TOPSOIL & SOD

USER NAME = naveed,hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
IL. ROUTE 43 (WAUKEGAN ROAD) AT KRAFT CT. / OVERLOOK DR.

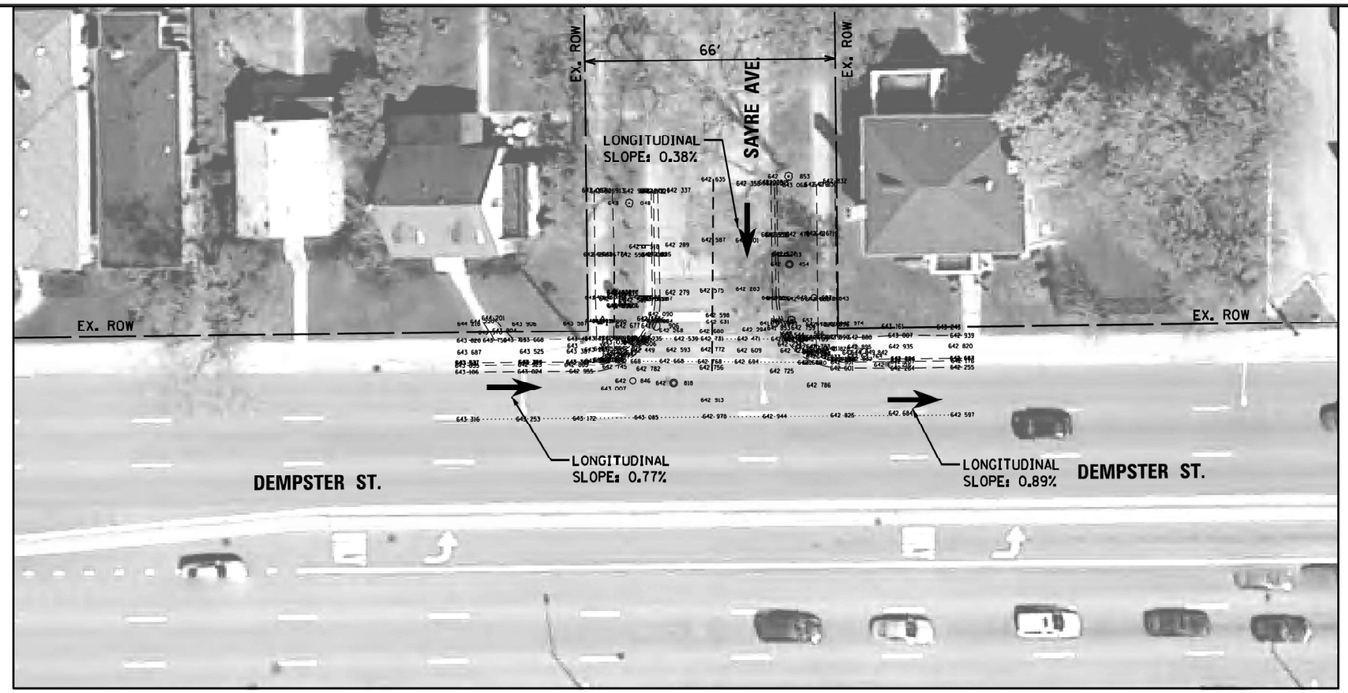
SCALE: | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	82
		CONTRACT NO. 62R02		
		ILLINOIS	FED. AID PROJECT	

MODEL: Kraft South [Sheet]
FILE NAME: c:\pw_work\pwidot\hassanm\d0905386\D1090022-sht-ADA-03.dgn



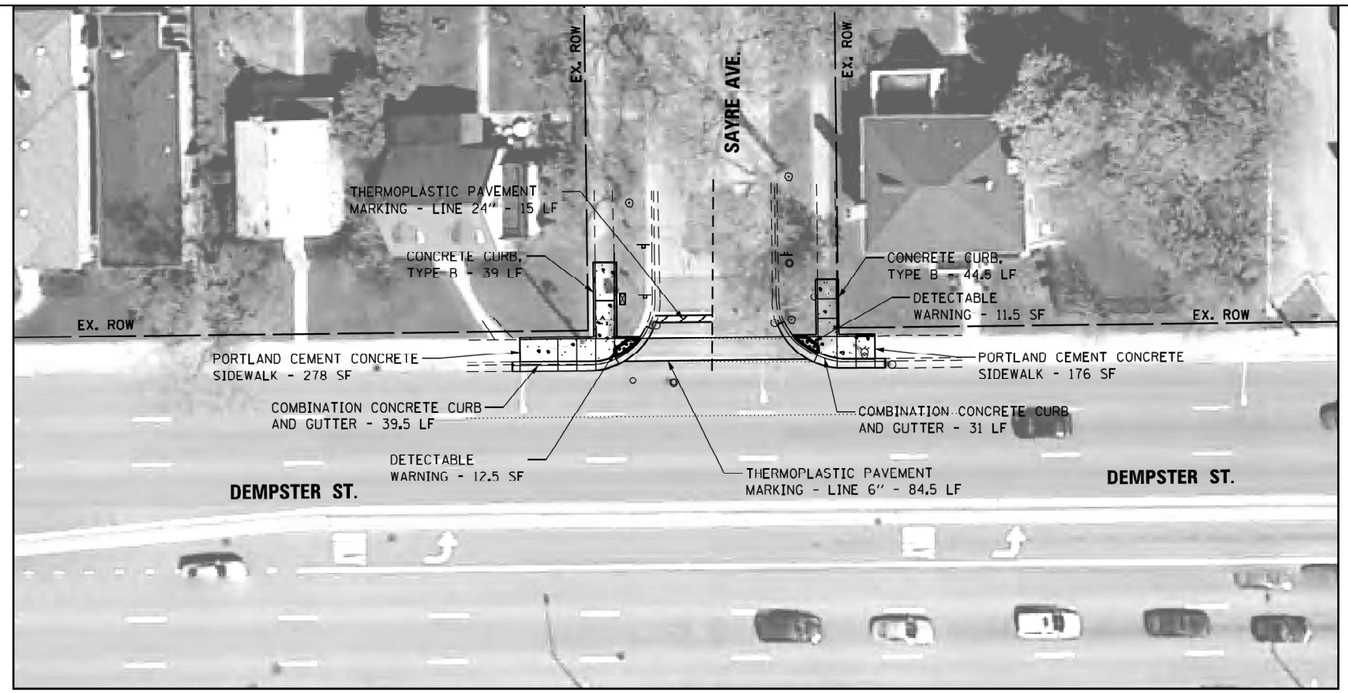
NORTHWEST CORNER





NORTHEAST 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
- REMOVE AND REPLACE SIDEWALK
- 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

MODEL: Sayre Ave. [Shee]
FILE NAME: c:\pw_work\pwidot\hassamn\d0905386\D1080122-sht-plan-02.dgn

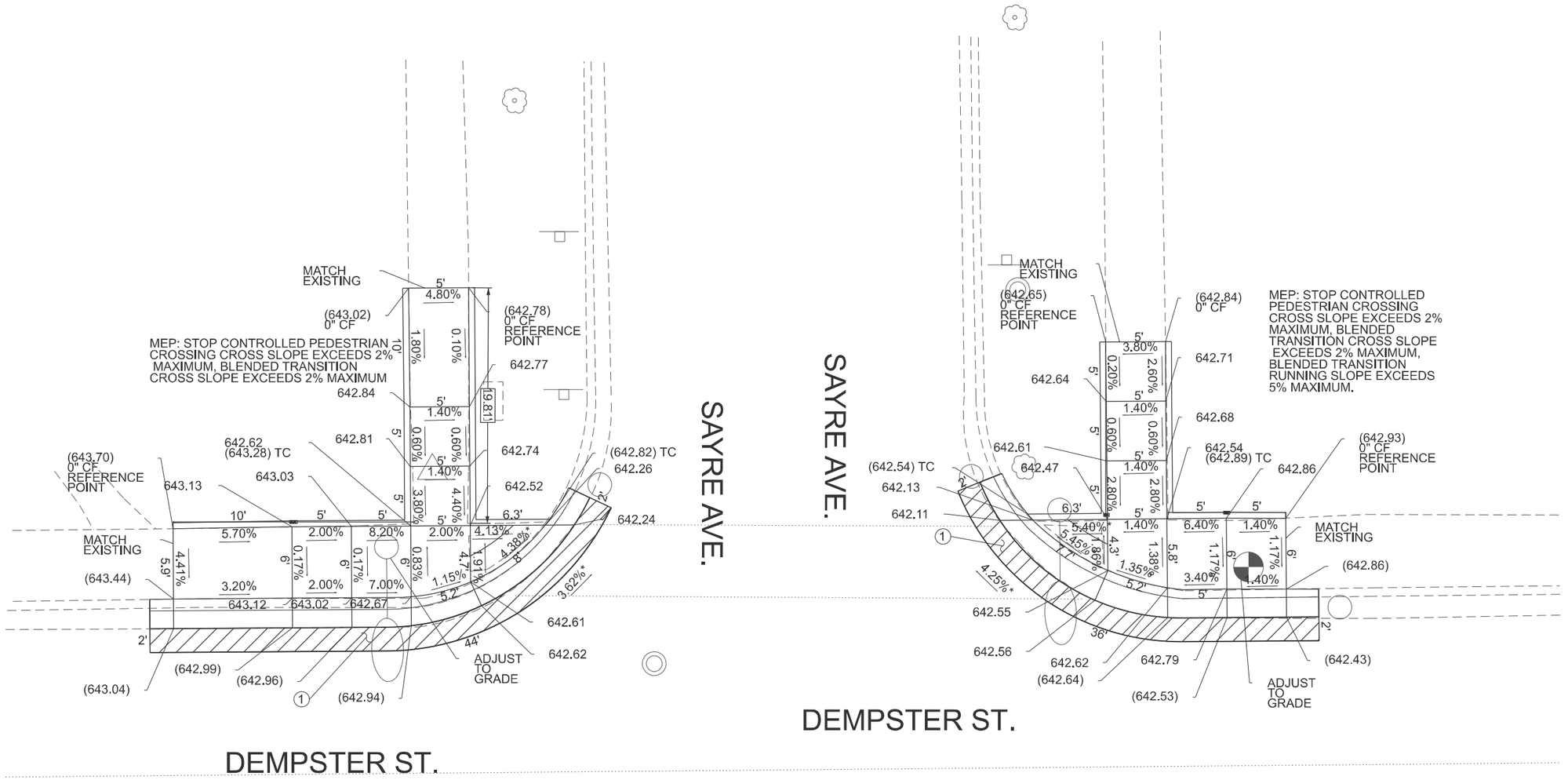
USER NAME = naveed.hassan	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 1/24/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP PLAN
U.S. ROUTE 14 (DEMPSTER ST.) AT SAYRE AVE.

SCALE: Full Size 1 = 1 | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	83
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			



① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70

REFERENCE BENCHMARK ELEVATION: 644.849

BENCHMARK: "X" CUT ON BOLT ON FIRE HYDRANT

LOCATION: NORTHEAST QUADRANT OF DEMPSTER ST. AND SAYRE AVE.

LEGEND

- EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
U.S. ROUTE 14 (DEMPSTER ST.) AT SAYRE AVE.

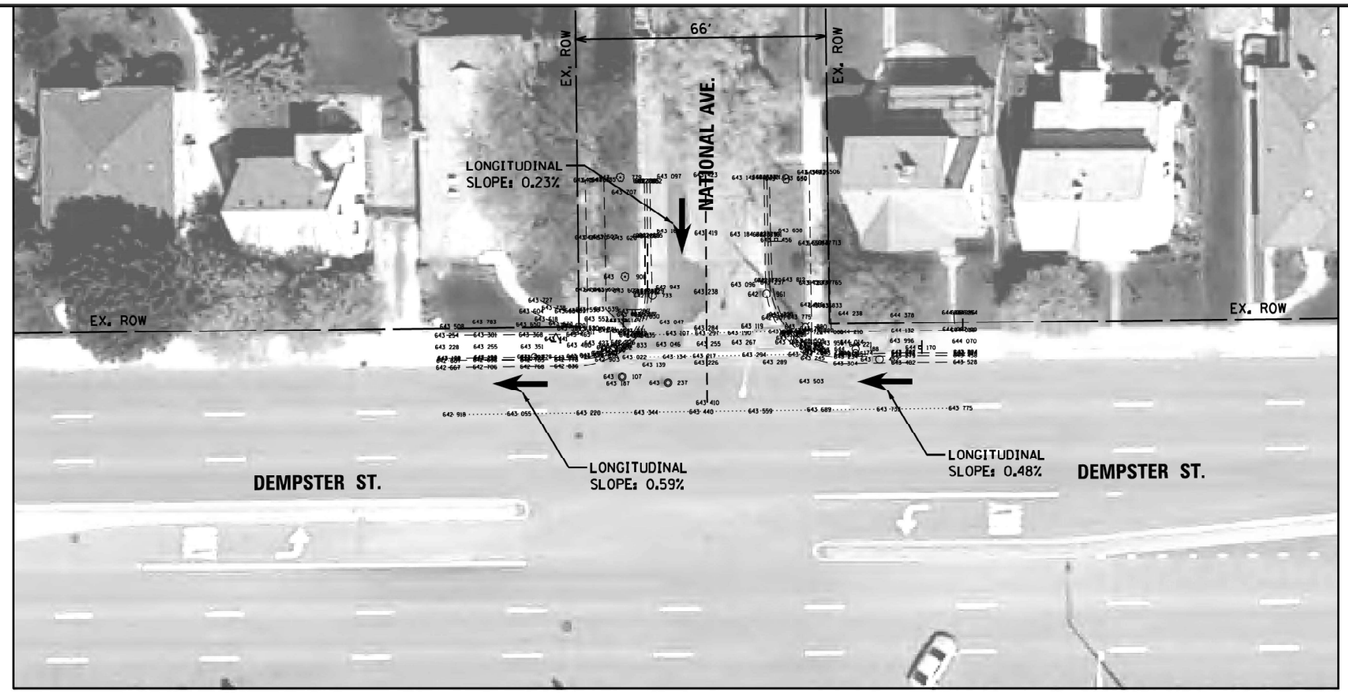
SCALE: | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	84
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			

MODEL: Sayre Ave. North [Sheet]
FILE NAME: c:\pw_work\pwdot\hassannd\d0905386\D108022-sht-ADA-03.dgn



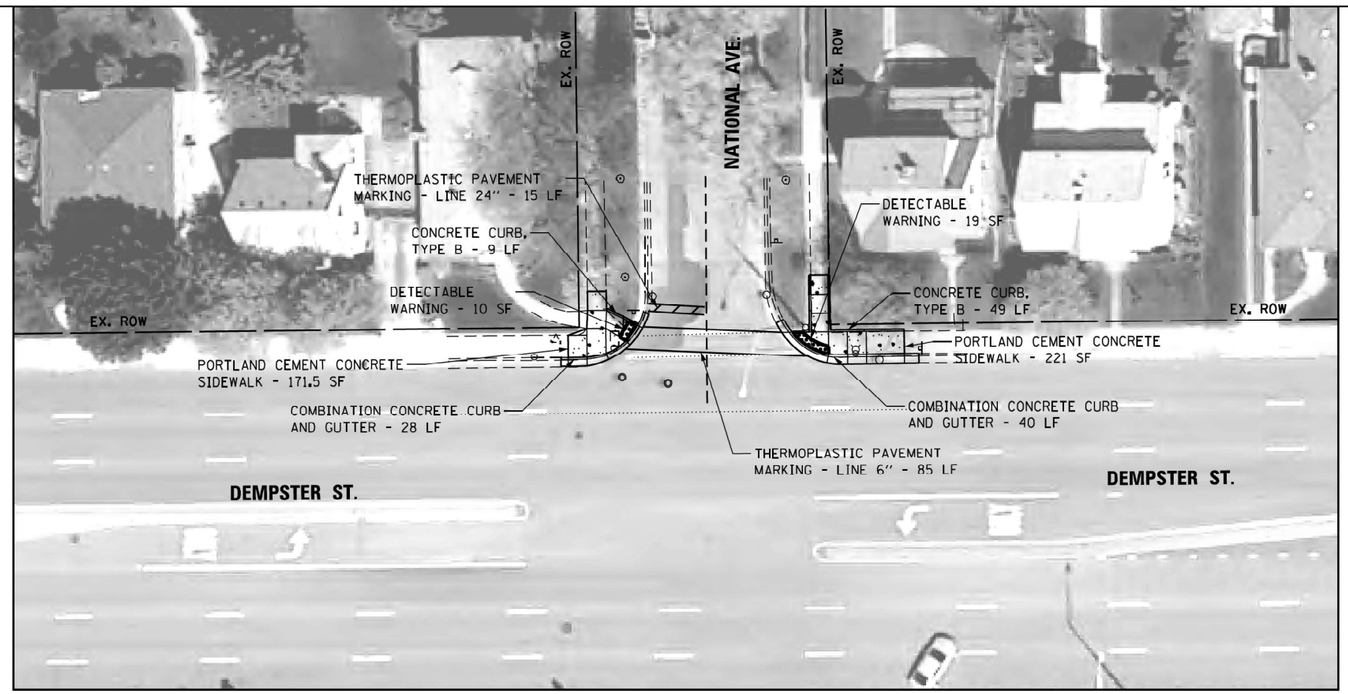
NORTHWEST CORNER





NORTHEAST CORNER

EXISTING



PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- REMOVE AND REPLACE SIDEWALK
- 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.

MODEL: National Ave. [Sheet]
FILE NAME: c:\pw_work\pwidot\hassamn\d0905386\D1080122-sht-plan-02.dgn

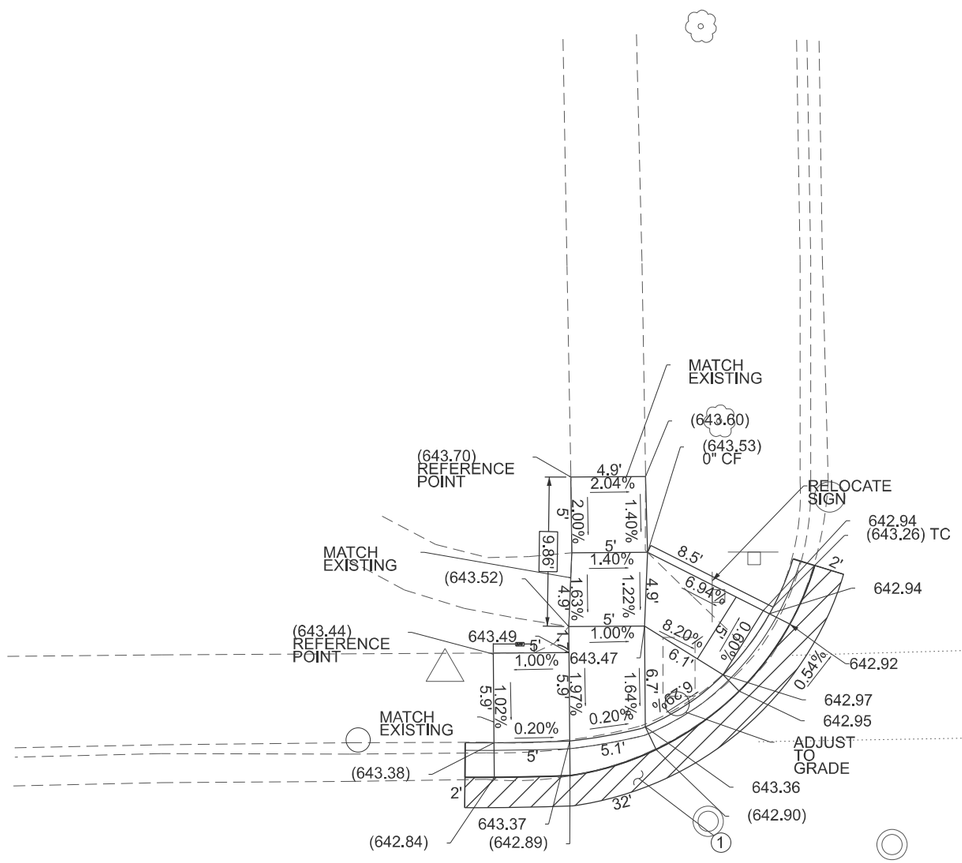
USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

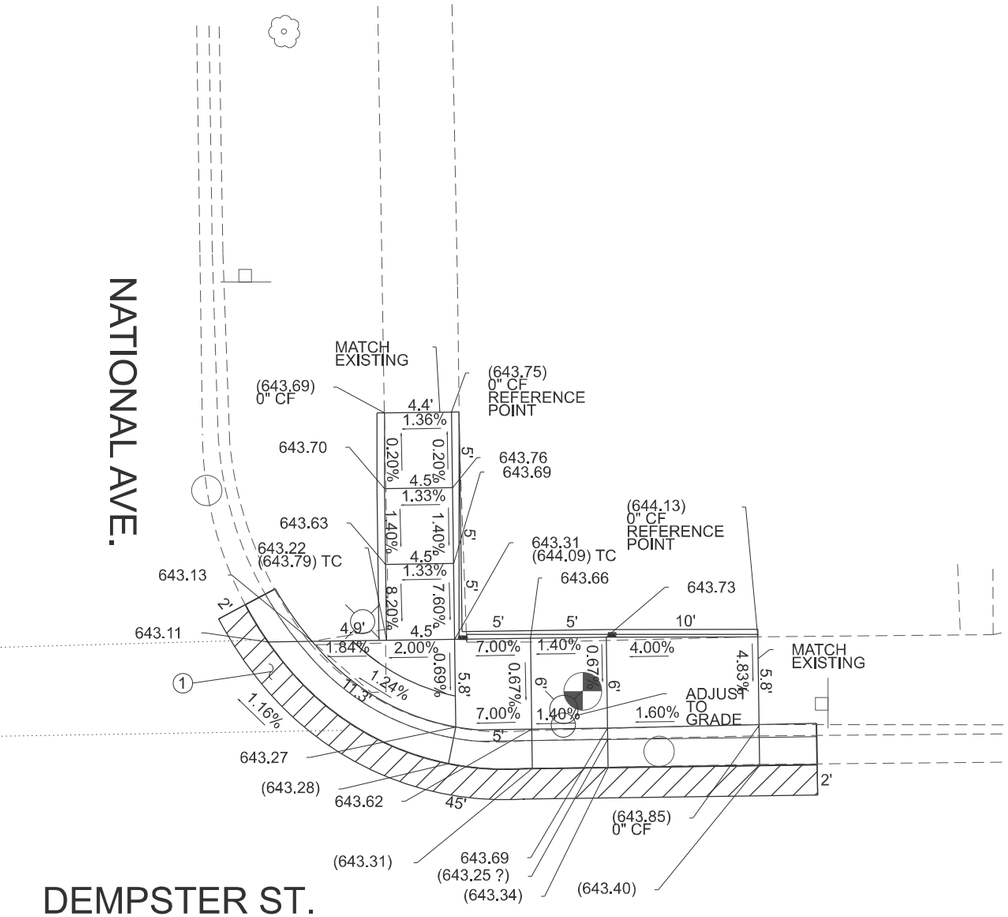
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP PLAN
U.S. ROUTE 14 (DEMPSTER ST) AT NATIONAL AVE.

SCALE: Full Size 1 = 1 | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	85
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			





① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70

REFERENCE BENCHMARK ELEVATION: 644.221

BENCHMARK: SQUARE CUT ON NORTHEAST CORNER OF CONCRETE PAD FOR FIRE HYDRANT

LOCATION: NORTHEAST QUADRANT OF DEMPSTER ST. AND NATIONAL AVE.

LEGEND

- EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

MODEL: National Ave. North [Sheet]
FILE NAME: c:\pw_work\pwidot\hassannd\d0905386\D108022-sht-ADA-03.dgn

USER NAME = naveed.hassan	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 1/24/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

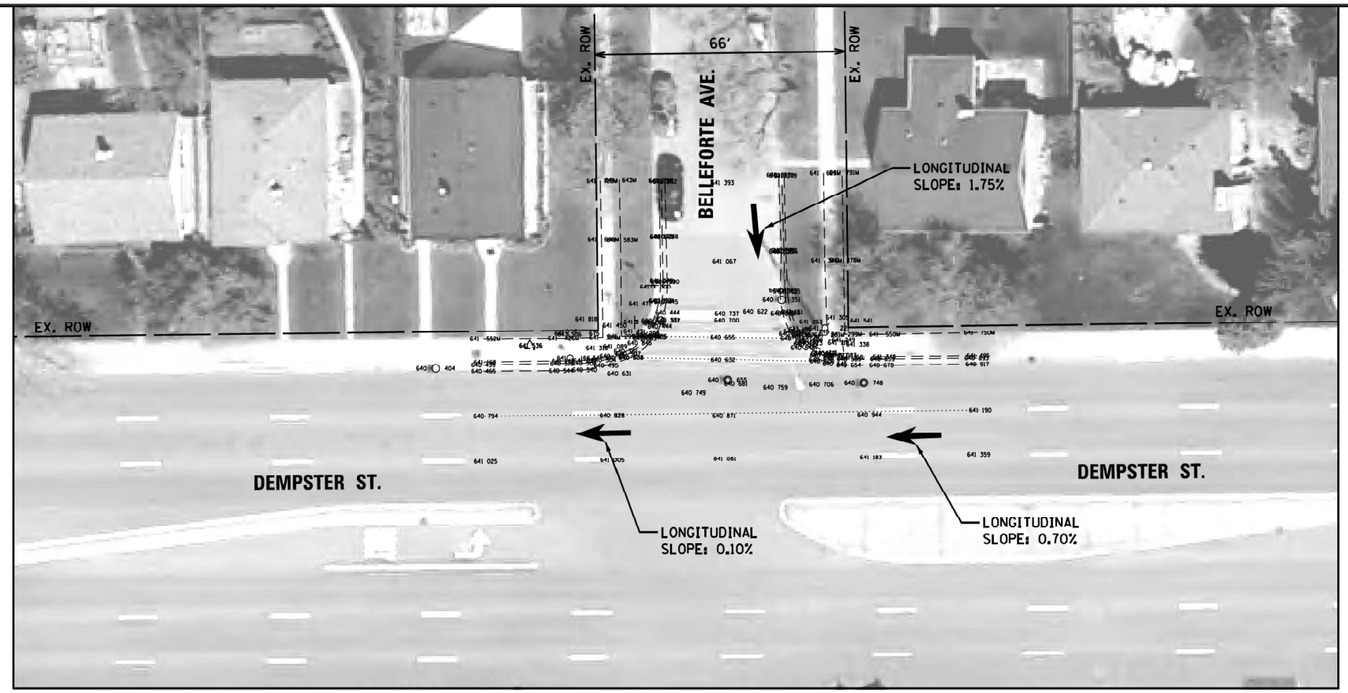
CURB RAMP DETAILS
U.S. ROUTE 14 (DEMPSTER ST) AT NATIONAL AVE.

SCALE: | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	86
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			



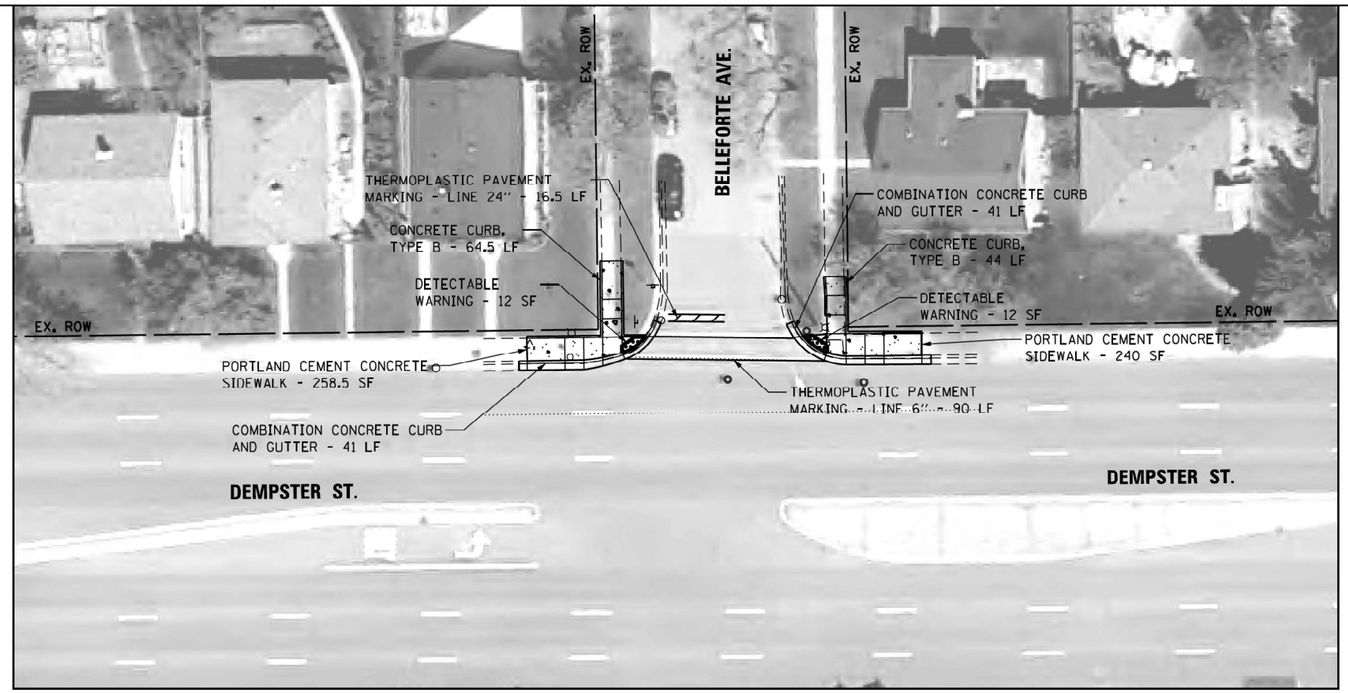
NORTHWEST CORNER





NORTHEAST CORNER

EXISTING



PROPOSED

LEGEND

- DETECTABLE WARNING
- SIDEWALK REMOVAL
- NEW PCC SIDEWALK
- REMOVE AND REPLACE NEW PCC SIDEWALK
- REMOVE AND REPLACE SIDEWALK
- 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.

MODEL: Belleforte Ave. [Sheet]
FILE NAME: c:\pw_work\pwidothassamn\d0905386\D1080122-sht-plan-02.dgn

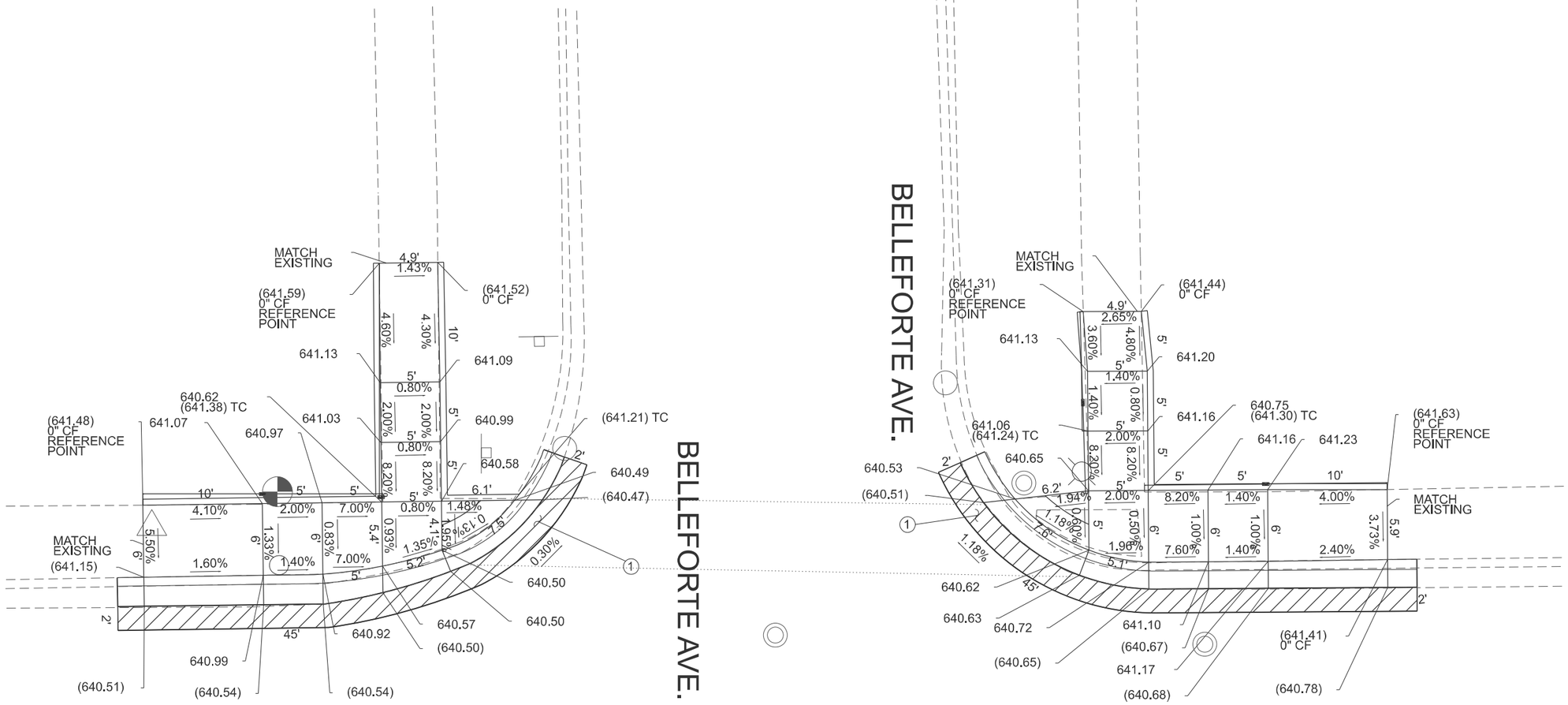
USER NAME = naveed.hassan	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 1/24/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP PLAN
U.S. ROUTE 14 (DEMPSTER ST.) AT BELLEFORTE AVE.

SCALE: Full Size 1 = 1 | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	87
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			



① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70

REFERENCE BENCHMARK ELEVATION: 643.536

BENCHMARK: "X" CUT ON NORTHWEST BOLT OF FIRE HYDRANT

LOCATION: NORTHWEST QUADRANT OF DEMPSTER ST. AND BELLEFORTE AVE.

LEGEND

- EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

MODEL: Belleforte Ave, North-1 [Sheet]
FILE NAME: c:\pw_work\pwidothassanm\d0905386\D1109022-sht-ADA-03.dgn

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
U.S. ROUTE 14 (DEMPSTER ST.) AT BELLEFORTE AVE.

SCALE: | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	88
		CONTRACT NO. 62R02		
	ILLINOIS	FED. AID PROJECT		



NORTHWEST CORNER



NORTHEAST CORNER



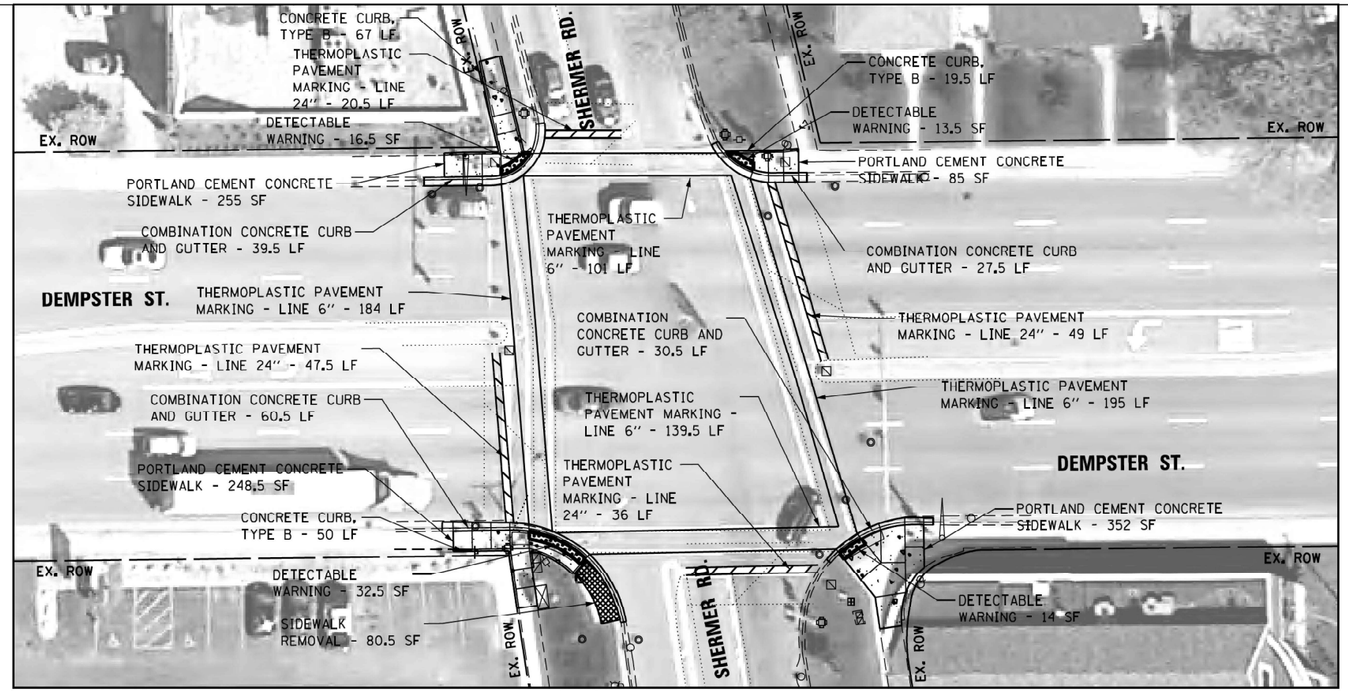
SOUTHWEST CORNER



SOUTHEAST 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
- REMOVE AND REPLACE SIDEWALK
- 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

MODEL: Shermer Road [Sheet]
FILE NAME: c:\pw_work\pwidot\hassanm\d0905386\D1080122-sht-plan-02.dgn

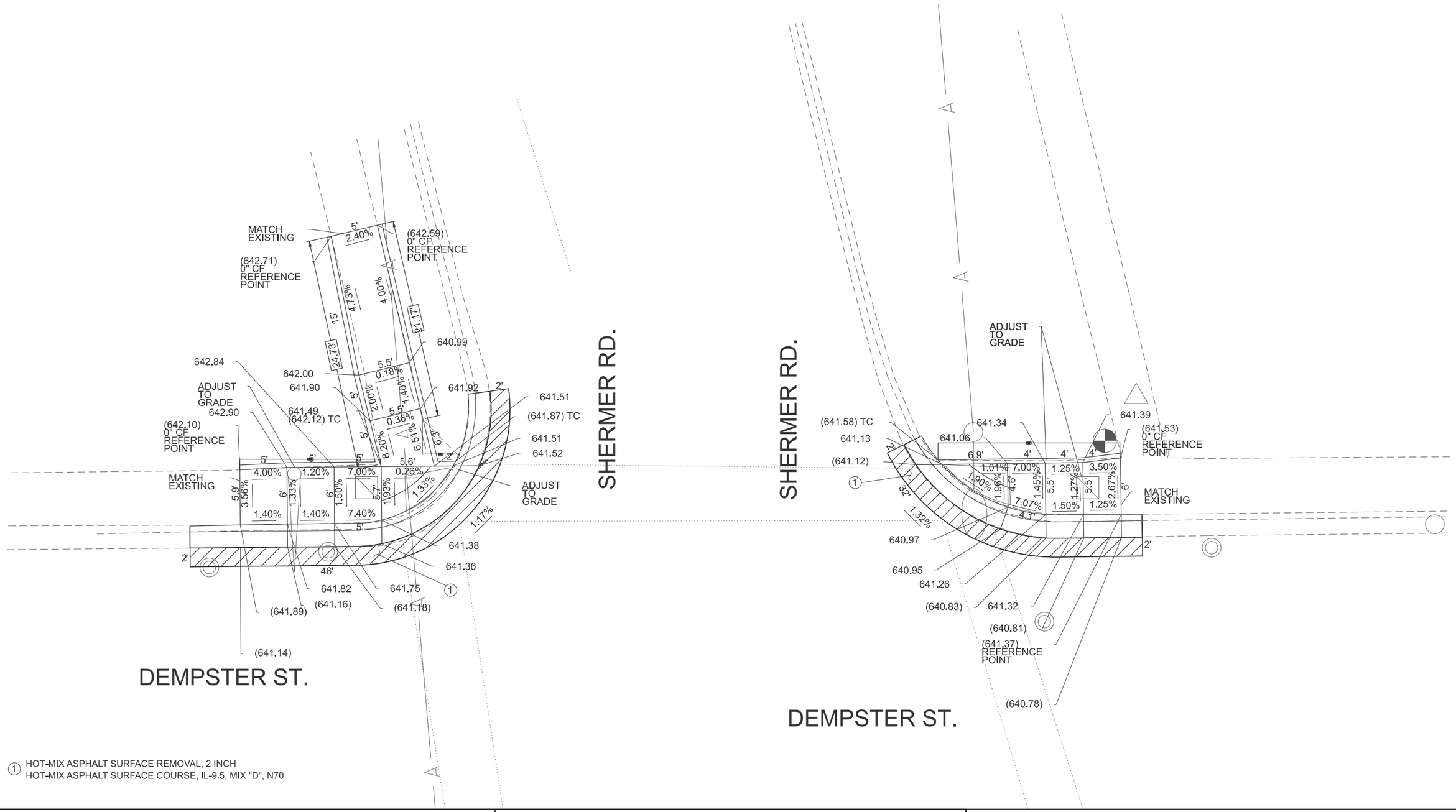
USER NAME = naveed.hassan	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 1/24/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP PLAN
U.S. ROUTE 14 (DEMPSTER ST.) AT SHERMER RD.

SCALE: Full Size 1 = 1 | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	89
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			



① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70

REFERENCE BENCHMARK ELEVATION: 642.384

BENCHMARK: "X" CUT ON TOP BOLT OF FIRE HYDRANT

LOCATION: NORTHEAST QUADRANT OF DEMPSTER ST. AND SHERMER RD.

LEGEND

- EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = $SCALE$	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

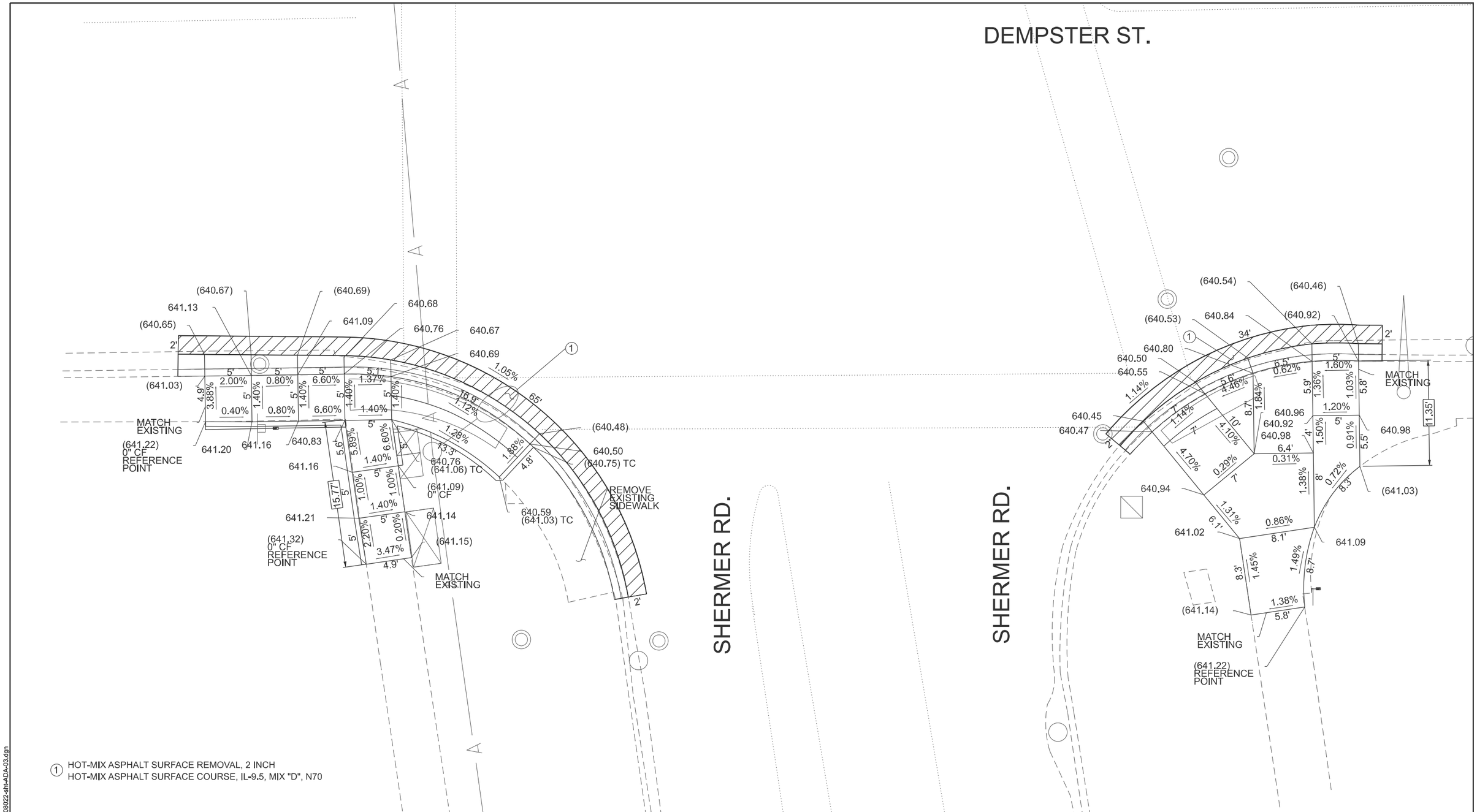
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
U.S. ROUTE 14 (DEMPSTER ST.) AT SHERMER RD.

SCALE: | SHEET OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	90
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			

MODEL: Shermer Road North [Sheet]
FILE NAME: c:\pw_work\pwdot\hassannd\d0805386\D108022-sht-ADA-03.dgn



① HOT-MIX ASPHALT SURFACE REMOVAL, 2 INCH
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70

REFERENCE BENCHMARK ELEVATION: 642.384

BENCHMARK: "X" CUT ON TOP BOLT OF FIRE HYDRANT

LOCATION: NORTHEAST QUADRANT OF DEMPSTER ST. AND SHERMER RD.

LEGEND

- EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

MODEL: Shermer Road South [Sheet]
FILE NAME: c:\pw_work\pwidot\hassann\d0905386\D108022-sht-ADA-03.dgn

USER NAME = naveed.hassan	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 1/24/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

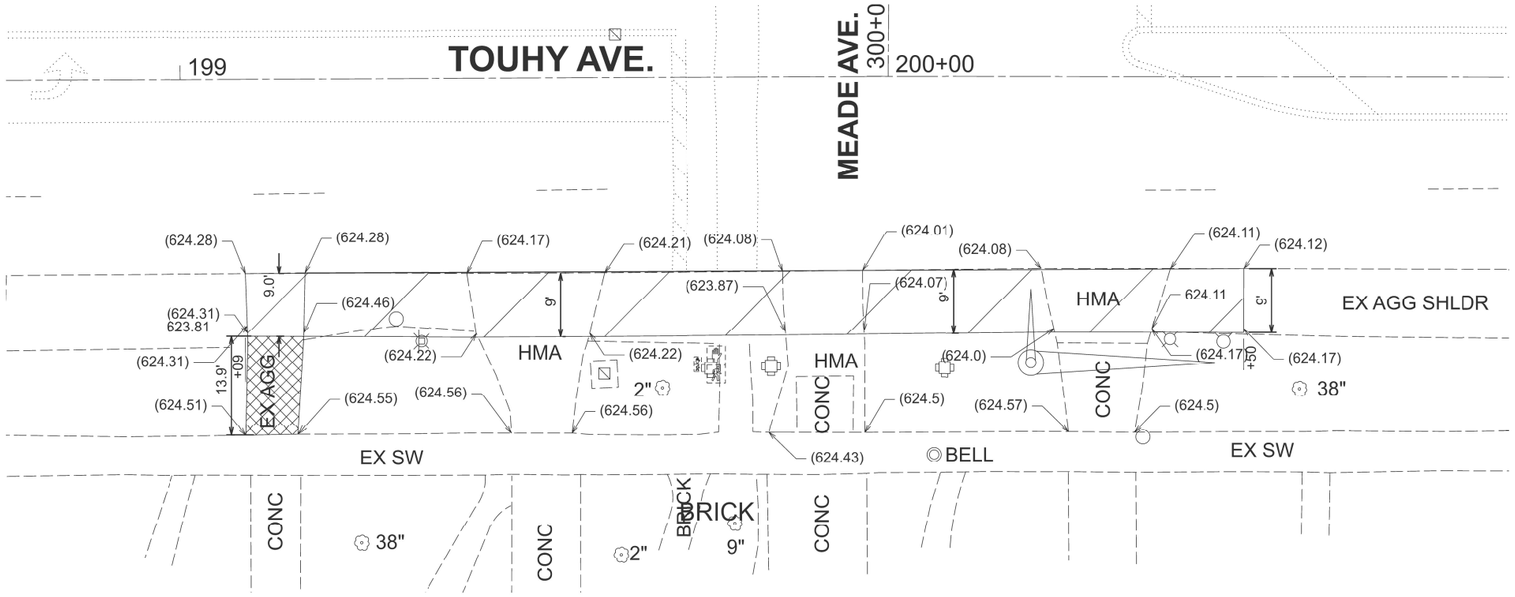
CURB RAMP DETAILS
U.S. ROUTE 14 (DEMPSTER ST.) AT SHERMER RD.

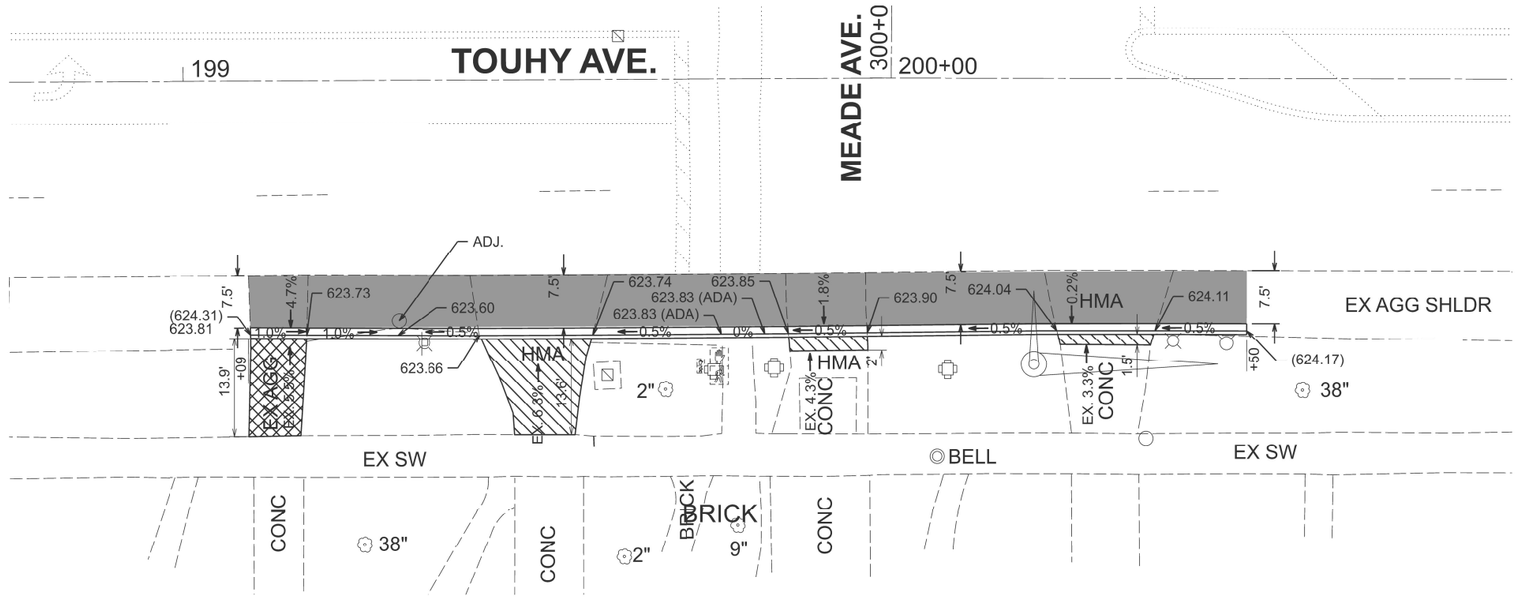
SCALE: | SHEET OF 86 SHEETS | STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	91

CONTRACT NO. 62R02

ILLINOIS | FED. AID PROJECT





NOTES:
1. THE CONTRACTOR SHALL REMOVE EXISTING BASE OF DRIVEWAYS TO ACHIEVE 8 INCH DEPTH REQUIRED, THIS WORK SHALL BE PAID AS "EARTH EXCAVATION".
2. THE CONTRACTOR SHALL NOT DAMAGE EXISTING CLAY PIPE CULVERTS.
3. ANY DAMAGES THAT OCCUR DUE TO CONTRACTOR NEGLIGENCE SHALL BE REPAIRED AT NO COST TO THE DEPARTMENT.

MODEL: TOUHY AT MEAD RDWY [Sheet]
FILE NAME: c:\pw_work\pw.dot\hassamn\d0905386\D1108022-sht-plan3.dgn

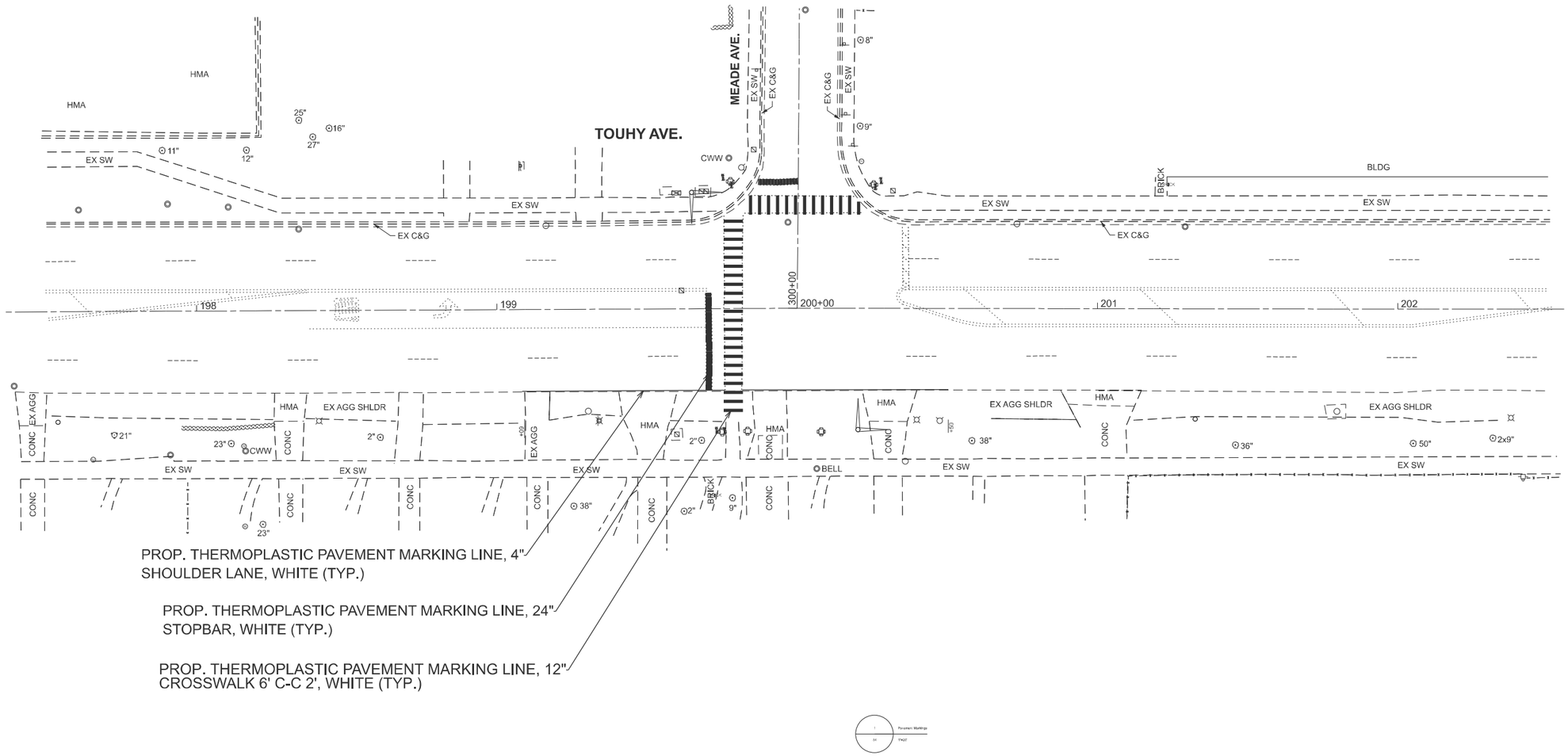
USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
TOUHY AVE. AT MEADE AVE.

SCALE: | SHEET 83 OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	92
		CONTRACT NO. 62R02		
	ILLINOIS	FED. AID PROJECT		



NOTE:
1. EXISTING CROSSWALK PAVEMENT MARKING SHALL BE REMOVED, THIS WORK SHALL BE PAID AS "PAVEMENT MARKING REMOVAL - WATER BLASTING ".

MODEL: Pavement Markings [Sheet]
FILE NAME: c:\pw_work\pwdot\hassannd\d0905386\D108022-sht-plan3.dgn

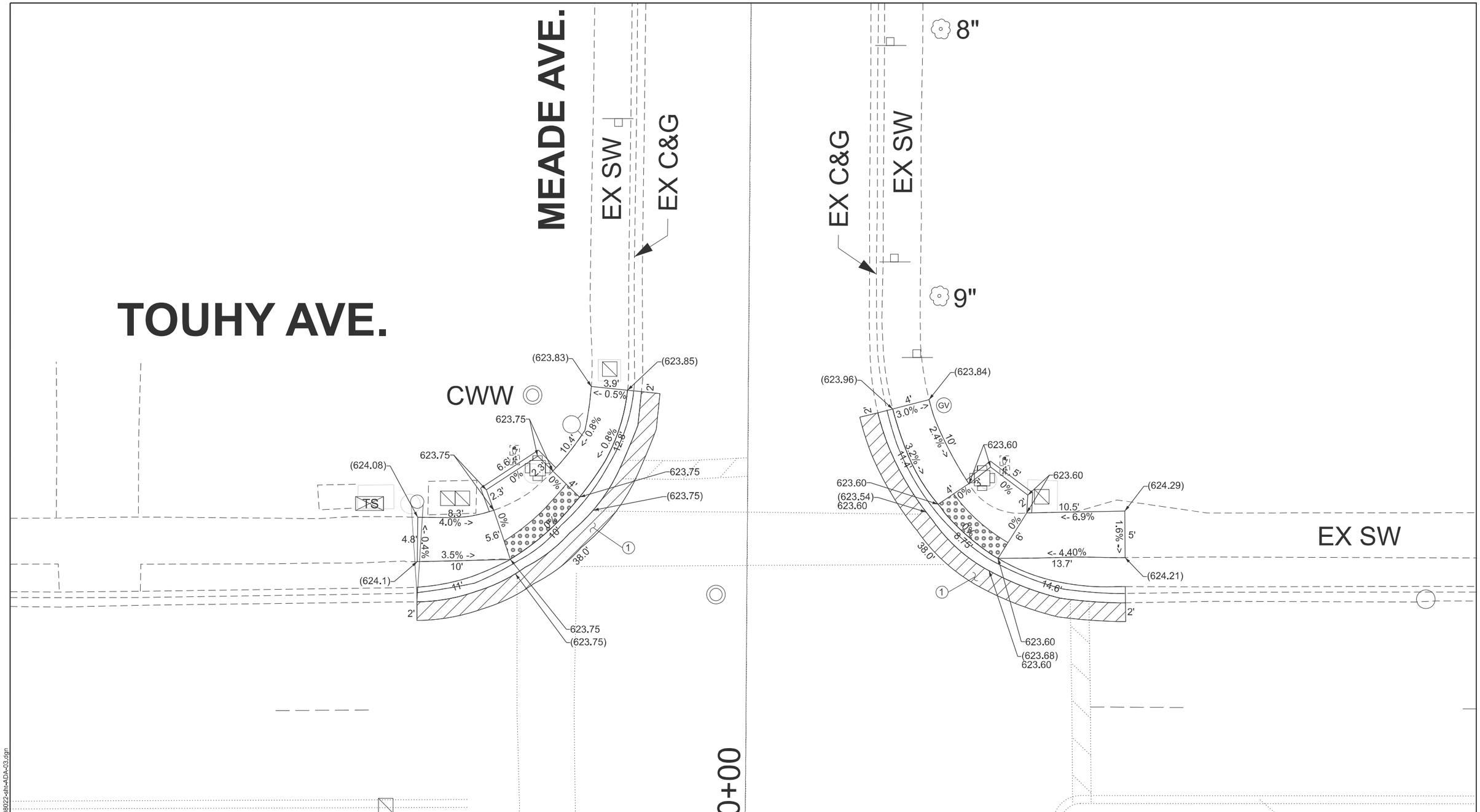
USER NAME = naveed.hassan	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 1/24/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING DETAILS
TOUHY AVE. AT MEADE AVE.

SCALE: | SHEET 84 OF 86 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	93
		CONTRACT NO. 62R02		
	ILLINOIS	FED. AID PROJECT		



REFERENCE BENCHMARK ELEVATION: 624.979

BENCHMARK: "SQUARE" CUT ON NORTH EAST CONER OF TRAFFIC CONTROL BOX

LOCATION: NORTHWEST QUADRANT OF TOUHY AVE. AND MEADE AVE.

LEGEND

- EXISTING LENGTH
- PROPOSED SIDE CURB
- ( ) EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

MODEL: Meade Ave, North [Sheet]
FILE NAME: c:\pw_work\pwidot\hassann\d0905386\D108022-sht-ADA-03.dgn

USER NAME = naveed.hassan	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 1/24/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

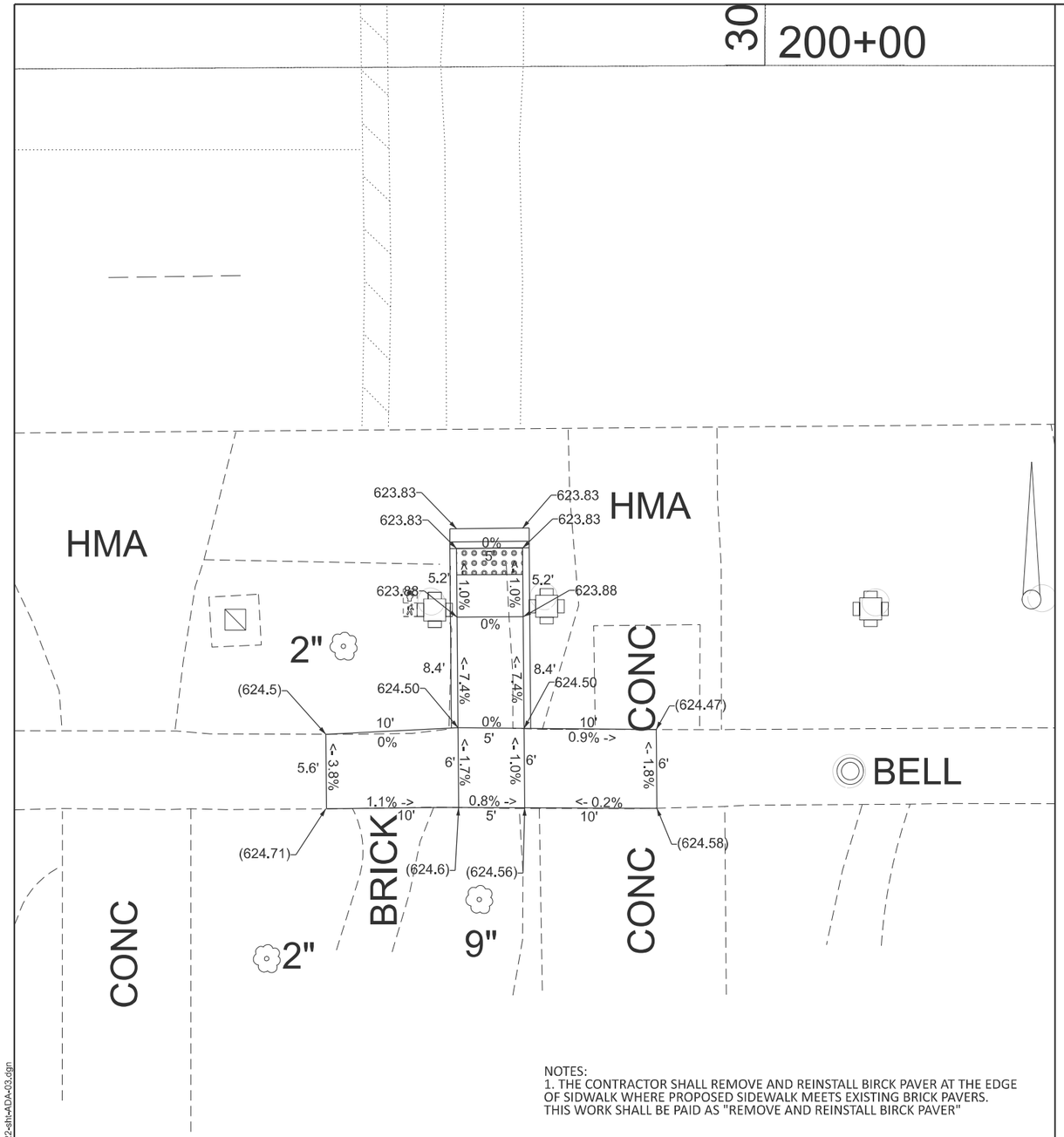
CURB RAMP DETAILS
TOUHY AVE. AT MEADE AVE.

SCALE: | SHEET 85 OF 86 SHEETS | STA. 0+00.00 TO STA. 0+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	94

CONTRACT NO. 62R02

ILLINOIS | FED. AID PROJECT



NOTES:
1. THE CONTRACTOR SHALL REMOVE AND REINSTALL BIRCK PAVER AT THE EDGE OF SIDWALK WHERE PROPOSED SIDEWALK MEETS EXISTING BRICK PAVERS. THIS WORK SHALL BE PAID AS "REMOVE AND REINSTALL BIRCK PAVER"

REFERENCE BENCHMARK ELEVATION: 624.979

BENCHMARK: "SQUARE" CUT ON NORTH EAST CONER OF TRAFFIC CONTROL BOX

LOCATION: NORTHWEST QUADRANT OF TOUHY AVE. AND MEADE AVE.

LEGEND

- EXISTING LENGTH
- PROPOSED SIDE CURB
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS

MODEL: Meade Ave. South [Sheet]
FILE NAME: c:\pw_work\pwidot\hassannd\d0905386\D1108022-sht-ADA-03.dgn

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB RAMP DETAILS
TOUHY AVE. AT MEADE AVE.

SCALE: | SHEET 86 OF 86 SHEETS | STA. 0+00.00 | TO STA. 0+00.00

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	95
		CONTRACT NO. 62R02		
	ILLINOIS	FED. AID PROJECT		

TRAFFIC SIGNAL LEGEND

(NOT TO SCALE)

ITEM	EXISTING	PROPOSED
CONTROLLER CABINET		
COMMUNICATION CABINET	CC	CC
MASTER CONTROLLER	MC	MC
MASTER MASTER CONTROLLER	MMC	MMC
UNINTERRUPTABLE POWER SUPPLY		
SERVICE INSTALLATION -(P) POLE MOUNTED	P	P
SERVICE INSTALLATION -(G) GROUND MOUNTED -(GM) GROUND MOUNTED METERED	G GM	G GM
TELEPHONE CONNECTION	ET	T
STEEL MAST ARM ASSEMBLY AND POLE		
ALUMINUM MAST ARM ASSEMBLY AND POLE		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE		
SIGNAL POST -(BM) BARREL MOUNTED - TEMPORARY		BM
WOOD POLE		
GUY WIRE		
SIGNAL HEAD		
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD OPTICALLY PROGRAMMED	P P	P P
FLASHER INSTALLATION -(FS) SOLAR POWERED	F FS F FS	F FS F FS
PEDESTRIAN SIGNAL HEAD		
PEDESTRIAN PUSH BUTTON -(APS) ACCESSIBLE PEDESTRIAN PUSH BUTTON	APS	APS
RADAR DETECTION SENSOR	R	R
VIDEO DETECTION CAMERA	V	V
RADAR/VIDEO DETECTION ZONE		
PAN, TILT, ZOOM (PTZ) CAMERA	PTZ	PTZ
EMERGENCY VEHICLE LIGHT DETECTOR		
CONFIMATION BEACON		
WIRELESS INTERCONNECT		
WIRELESS INTERCONNECT RADIO REPEATER	RR	RR

ITEM	EXISTING	PROPOSED
HANDHOLE -SQUARE -ROUND		
HEAVY DUTY HANDHOLE -SQUARE -ROUND		
DOUBLE HANDHOLE		
JUNCTION BOX		
RAILROAD CANTILEVER MAST ARM		
RAILROAD FLASHING SIGNAL		
RAILROAD CROSSING GATE		
RAILROAD CROSSBUCK		
RAILROAD CONTROLLER CABINET		
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	P	P
SIGNAL HEAD WITH BACKPLATE -(P) PROGRAMMABLE SIGNAL HEAD -(RB) RETROREFLECTIVE BACKPLATE	P RB	P RB
PEDESTRIAN SIGNAL HEAD AT RAILROAD INTERSECTIONS		
PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER	C D	C D
ILLUMINATED SIGN "NO LEFT TURN"/"NO RIGHT TURN"		
NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE. ALL DETECTOR LOOP CABLE TO BE SHIELDED	5	5
GROUND CABLE IN CONDUIT, NO. 6 SOLID COPPER (GREEN)	1#6	1#6
ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1/C	1	1
COAXIAL CABLE	C	C
VENDOR CABLE	V	V
COPPER INTERCONNECT CABLE, NO. 18, 3 PAIR TWISTED, SHIELDED	6#18	6#18
FIBER OPTIC CABLE -NO. 62.5/125, MM12F -NO. 62.5/125, MM12F SM12F -NO. 62.5/125, MM12F SM24F	12F 24F 36F	12F 24F 36F
GROUND ROD -(C) CONTROLLER -(M) MAST ARM -(P) POST -(S) SERVICE	C M P S	C M P S

MODEL: Gen Details [Sheet]
FILE NAME: c:\pw_work\pwidot\hassanm\d0505388\D108022-snt-TS.dgn

USER NAME = naveed.hassan	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 1/24/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: | SHEET 1 OF 22 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	96
		CONTRACT NO. 62R02		
		ILLINOIS	FED. AID PROJECT	

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.

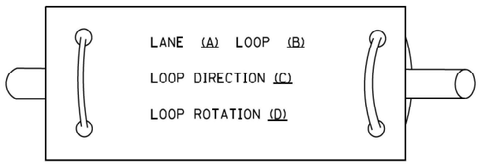
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.

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

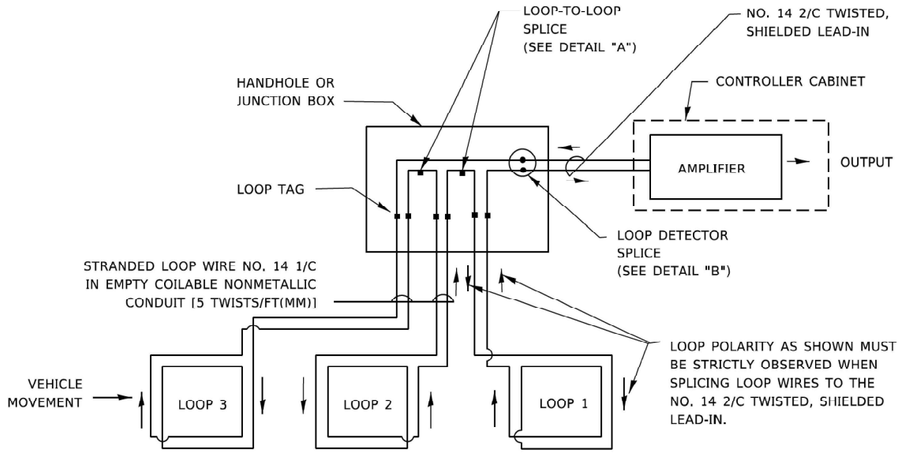


A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY

B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.

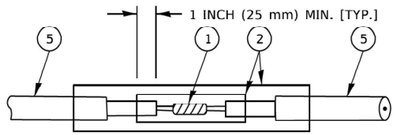
C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".

D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

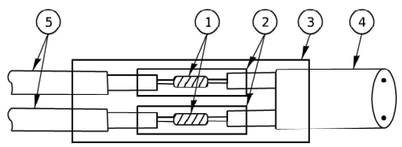


DETECTOR LOOP WIRING SCHEMATIC

- 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.

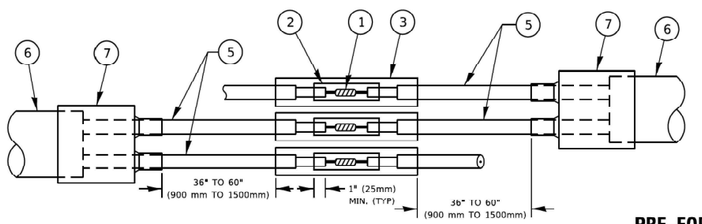


DETAIL "A"
LOOP-TO-LOOP SPLICE



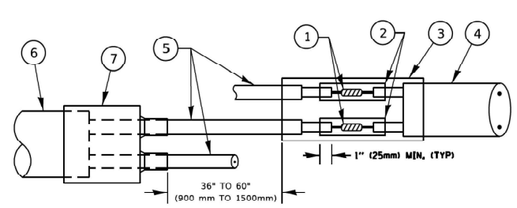
DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

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

MODEL: Gen Details-2 [Sheet]
FILE NAME: c:\pw_work\pwidot\hassannd\d0603386\D108022-eht-TS.dgn

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

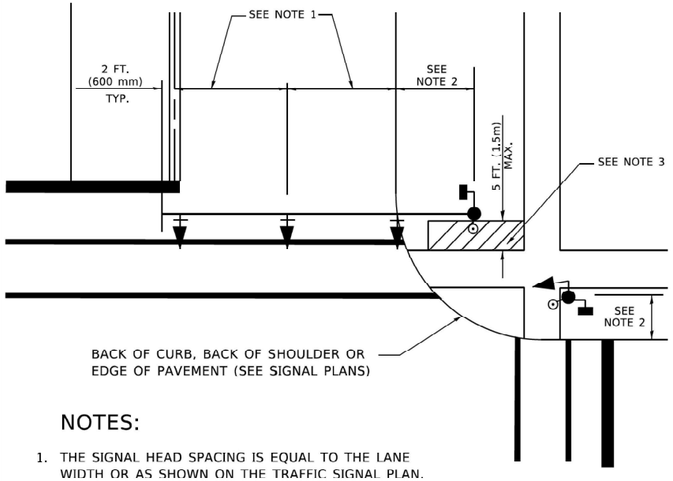
DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: | SHEET 2 OF 22 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	97
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			

TRAFFIC SIGNAL MAST ARM AND SIGNAL POST

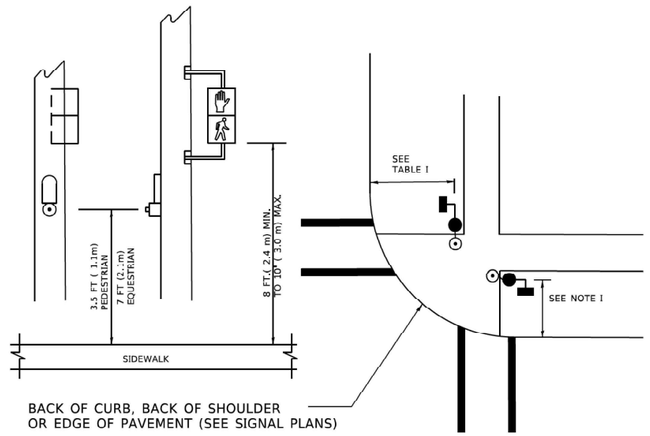
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.



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."

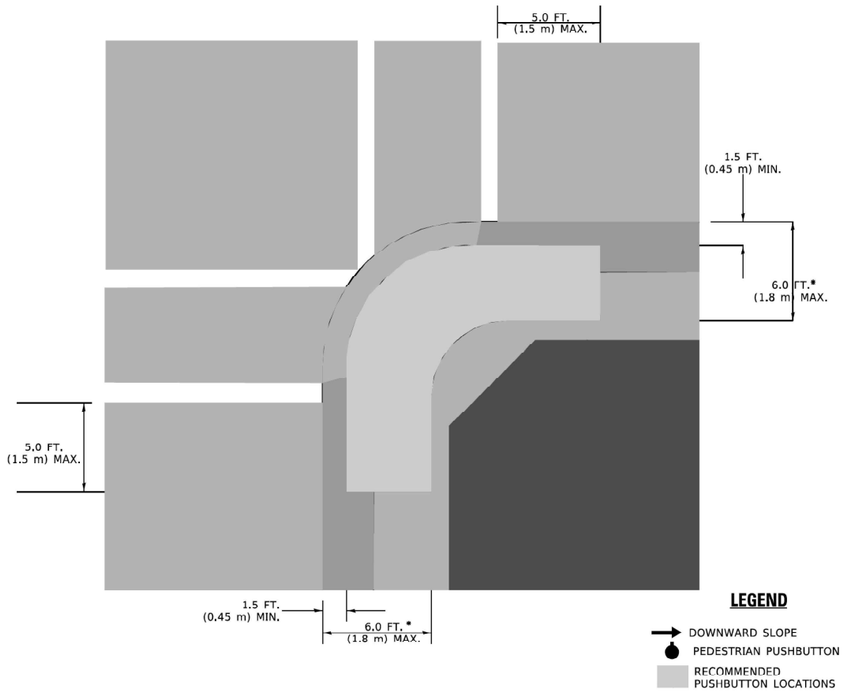
PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST



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.

MODEL: Gen Details-3 [Sheet]
FILE NAME: c:\pw_work\pwidot\hassanm\d0605386\D108022-sht-TS.dgn

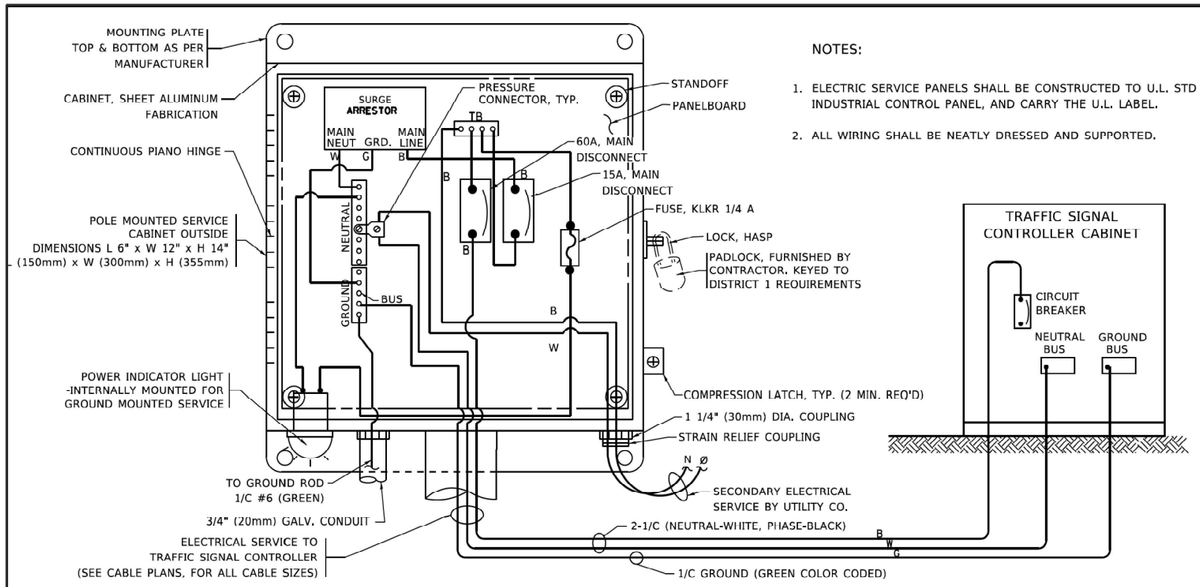
USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: | SHEET 3 OF 22 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	98
		CONTRACT NO. 62R02		
	ILLINOIS	FED. AID PROJECT		



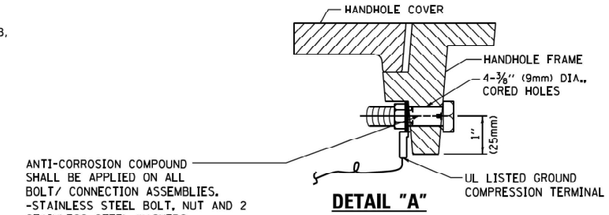
NOTES:

1. ELECTRIC SERVICE PANELS SHALL BE CONSTRUCTED TO U.L. STD 508, INDUSTRIAL CONTROL PANEL, AND CARRY THE U.L. LABEL.
2. ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.

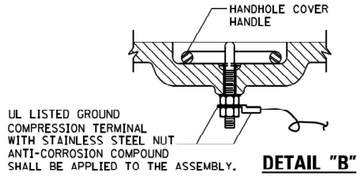
ELECTRICAL SERVICE – PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)

SERVICE INSTALLATION POLE MOUNT (SHOWN)

(NOT TO SCALE)



DETAIL "A"

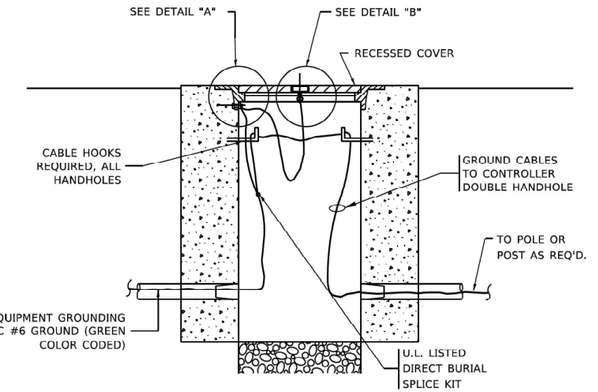


DETAIL "B"

NOTES:

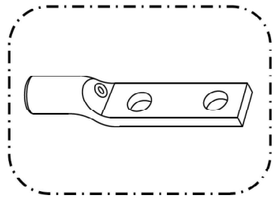
GROUNDING SYSTEM

1. THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE (HANDHOLE, POST, MAST ARM, CONTROLLER, ETC,). GROUND ROD SHALL BE 3/4" DIA. x 10'-0" (20mm x 3.0m) LONG, COPPER CLAD. ONE GROUND ROD SHALL BE INSTALLED AT ALL POST FOUNDATIONS, POLE FOUNDATIONS, CONTROLLER CABINET FOUNDATION AND ELECTRICAL SERVICE INSTALLATION AS INDICATED ON THE CABLE PLAN. IF THERE ARE ANY SPECIAL CONDITIONS SUCH AS SUB-SURFACE CONDITIONS OR INSTALLATION PROBLEMS, THE RESIDENT ENGINEER SHALL BE NOTIFIED OR CONTACT THE BUREAU OF TRAFFIC, ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE AT (847) 705-4139.
2. THE NEUTRAL CONDUCTOR AND THE GROUND CONDUCTOR SHALL BE CONNECTED IN THE SERVICE INSTALLATION. AT NO OTHER POINT IN THE TRAFFIC SIGNAL SYSTEM SHALL THE NEUTRAL AND GROUND CONDUCTORS BE CONNECTED.
3. ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
4. THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.

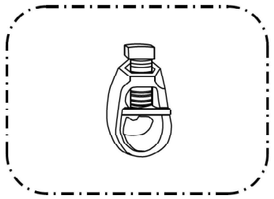


HANDHOLE COVER & FRAME – GROUNDING DETAIL

(NOT TO SCALE)



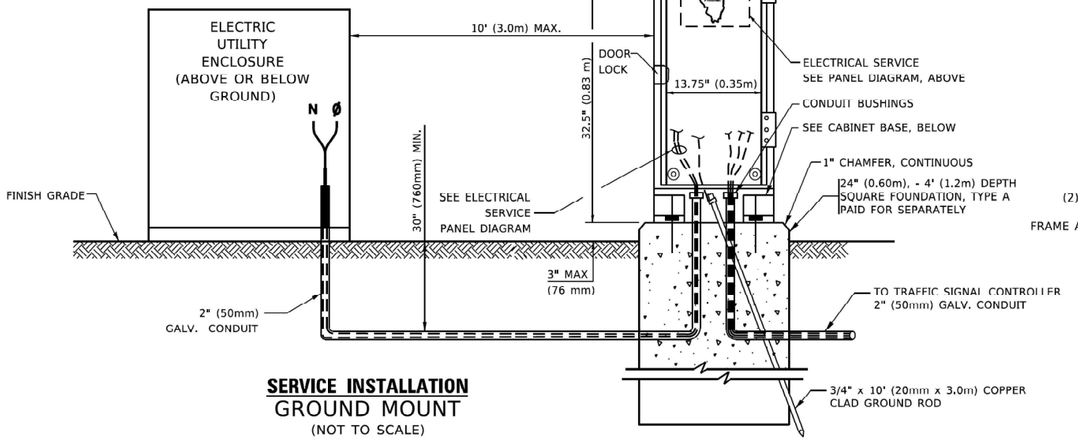
HEAVY-DUTY COMPRESSION TERMINAL (BURNDY TYPE YGHA OR APPROVED EQUAL)



¾" (20mm) HEAVY-DUTY GROUND ROD CLAMP (BURNDY TYPE GRC OR APPROVED EQUAL)

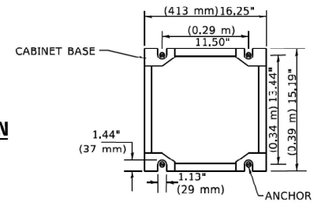
NOTES:

- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
- GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES
  6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES
  13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES.
  5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.



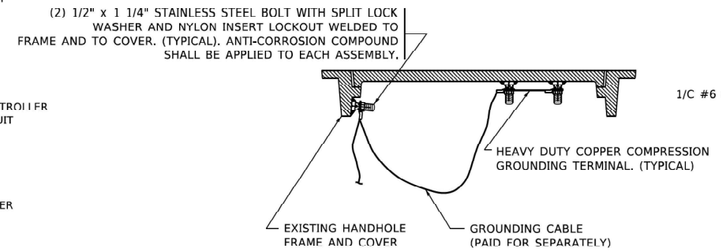
SERVICE INSTALLATION GROUND MOUNT

(NOT TO SCALE)



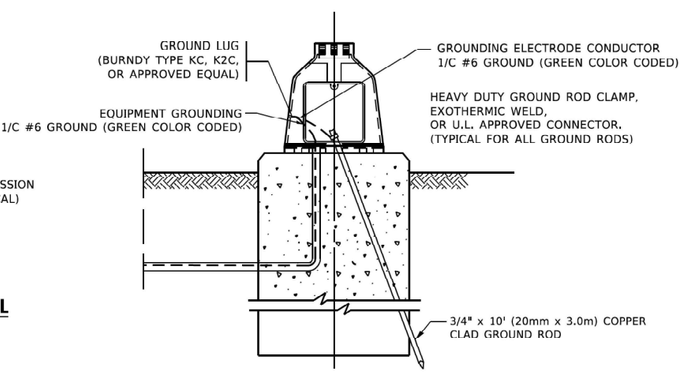
CABINET – BASE BOLT PATTERN

(NOT TO SCALE)



EXISTING HANDHOLE COVER & FRAME – GROUNDING DETAIL

(NOT TO SCALE)



MAST ARM POLE /POST–GROUNDING DETAIL

(NOT TO SCALE)

MODEL: Gen Details-4 [Sheet]
FILE NAME: c:\pw_work\pwidot\hassannt\d0903389\D108022-eht-TS.dgn

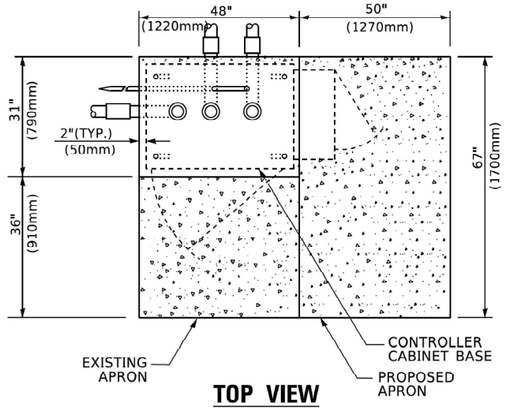
USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

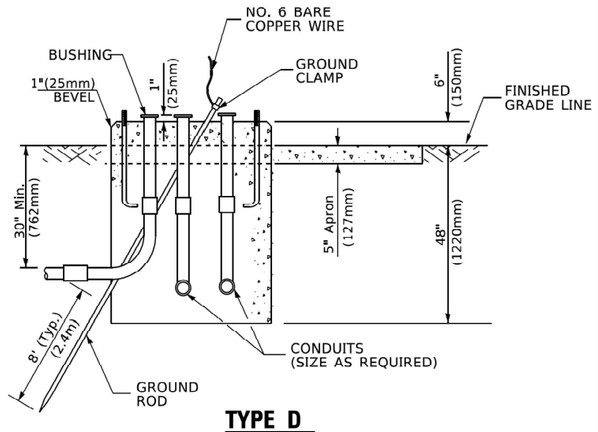
DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: | SHEET 4 OF 22 SHEETS | STA. | TO STA.

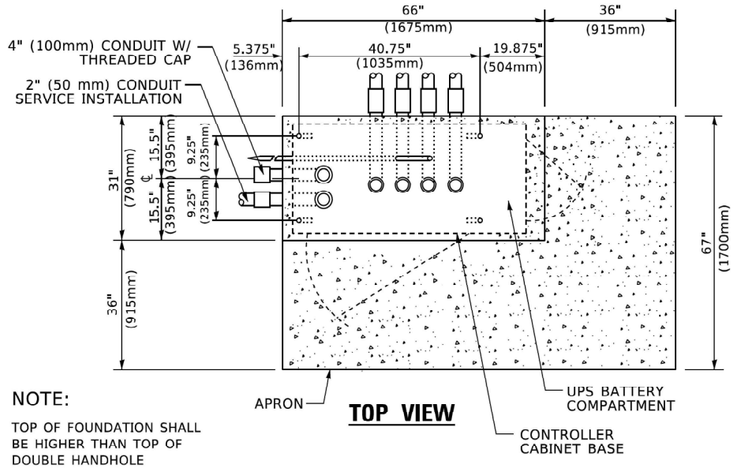
F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	99
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			



TOP VIEW



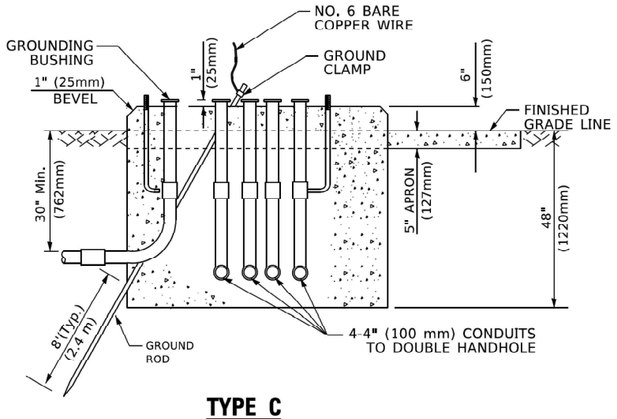
TYPE D
FOR GROUND MOUNTED CONTROLLER CABINET AND UPS BATTERY CABINET



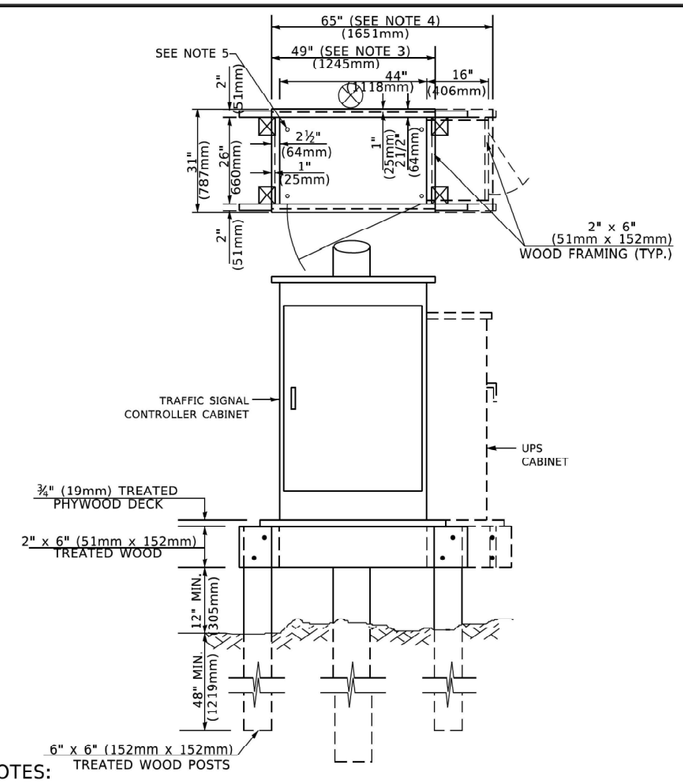
NOTE:

TOP OF FOUNDATION SHALL BE HIGHER THAN TOP OF DOUBLE HANDHOLE

TOP VIEW



TYPE C
FOR GROUND MOUNTED SUPER P (TYPE IV) AND SUPER R (TYPE V) CONTROLLER CABINETS



NOTES:

1. BASED ON CONTROLLER CABINET TYPE IV WITH BASE DIMENSIONS OF 26" x 44" (660mm x 1118mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED
2. BASED ON UNINTERRUPTIBLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" x 25" (406mm x 635mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
3. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV.
4. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV AND UNINTERRUPTIBLE POWER SUPPLY CABINET.
5. DRILLED HOLES THROUGH THE PLATFORM BASE TO MATCH THE CONTROLLER CABINET BOLT TEMPLATE. FASTEN THE CONTROLLER CABINET TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS AND NUTS.
6. FASTEN ALL SUPPORT WOOD FRAMING TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION..

TEMPORARY SIGNAL CONTROLLER WOOD SUPPORT PLATFORM

CABLE SLACK LENGTH	FEET	METER
HANDHOLE	6.5	2.0
DOUBLE HANDHOLE	13.0	4.0
SIGNAL POST	2.0	0.6
MAST ARM	2.0	0.6
CONTROLLER CABINET	1.5	0.5
FIBER OPTIC AT CABINET	13.0	4.0
ELECTRIC SERVICE AT (CABINET OR SERVICE LOCATION)	1.5	0.5
GROUND CABLE (SIGNAL POST, MAST ARM, CABINET)	1.5	0.5
GROUND CABLE (BETWEEN FRAME AND COVER)	5.0	1.6

CABLE SLACK

VERTICAL CABLE LENGTH	FEET	METER
MAST ARM POLE (MAST ARM MOUNTED SIGNAL HEAD) (L = MAST ARM LENGTH - DISTANCE TO SIGNAL HEAD FROM END OF ARM)	20.0+L	6.0+L
BRACKET MOUNTED (MAST ARM POLE OR SIGNAL POLE)	13.0	4.0
PEDESTRIAN PUSH BUTTON	6.0	2.0
SERVICE INSTALLATION POLE MOUNT TO SERVICE DROP	13.5	4.1
SERVICE INSTALLATION POLE MOUNT TO GROUND	13.5	4.1
SERVICE INSTALLATION GROUND MOUNT	6.0	2.0
FOUNDATION (SIGNAL POST, MAST ARM POLE, CONTROLLER CABINET, SERVICE-GROUND MOUNT)	3.0	1.0

VERTICAL CABLE LENGTH

FOUNDATION	DEPTH
TYPE A - Signal Post	4'-0" (1.2m)
TYPE C - CONTROLLER W/ UPS	4'-0" (1.2m)
TYPE D - CONTROLLER	4'-0" (1.2m)
SERVICE INSTALLATION, GROUND MOUNT, TYPE A - SQUARE	4'-0" (1.2m)

DEPTH OF FOUNDATION

Mast Arm Length	① Foundation Depth	Foundation Diameter	Spiral Diameter	Quantity of Rebars	Size of Rebars
Less than 30' (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 56' (16.8 m) and less than 65' (19.8 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
Greater than or equal to 65' (19.8 m) and up to 75' (22.9 m)	25'-0" (7.6 m)	42" (1060mm)	36" (900mm)	16	8(25)

NOTES:

1. These foundation depths are for sites which have cohesive soils (clayey silt, sandy clay, etc.) along the length of the shaft, with an average Unconfined Compressive Strength (Qu) > 1.0 tsf (100 kpa). This strength shall be verified by boring data prior to construction or with testing by the Engineer during foundation drilling. The Bureau of Bridges & Structures should be contacted for a revised design if other conditions are encountered.
2. Combination mast arm assemblies under 55 feet (16.8 m) shall use 36" (900 mm) diameter foundations.
3. Combination mast arm assemblies under 56 feet (16.8 m) through 75 feet (22.9 m) shall use 42" (1060 mm) diameter foundations
4. For mast arm assemblies with dual arms refer to state standard 878001..

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

MODEL: Gen Details-5 [Sheet]
FILE NAME: c:\pw_work\pwidot\vassarn\d0503389\D108022-sht-TS.cgn

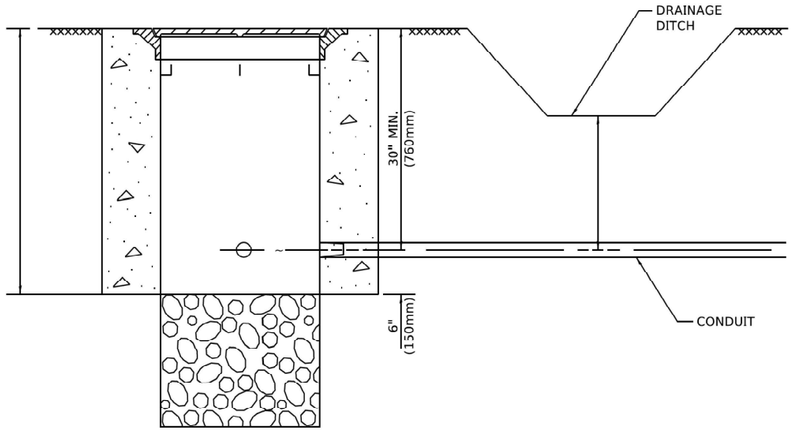
USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: | SHEET 5 OF 22 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	100
		CONTRACT NO. 62R02		
		ILLINOIS	FED. AID PROJECT	

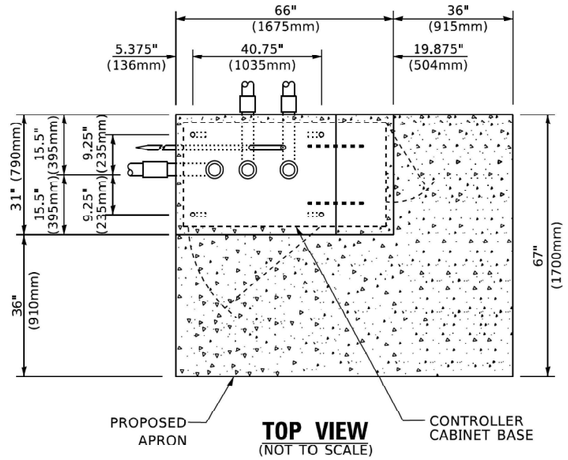


NOTES:

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.

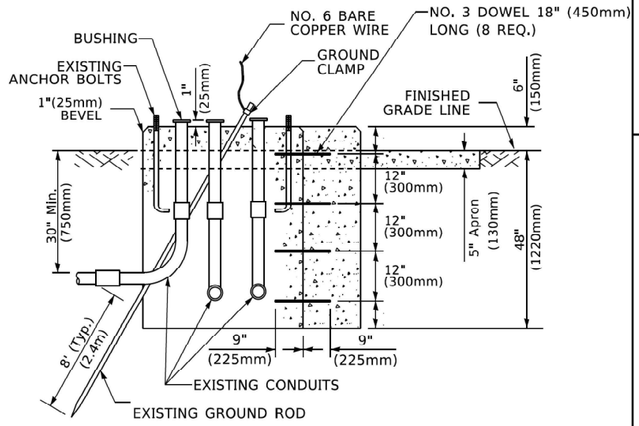
HANDHOLE WITH MINIMUM CONDUIT DEPTH

(NOT TO SCALE)



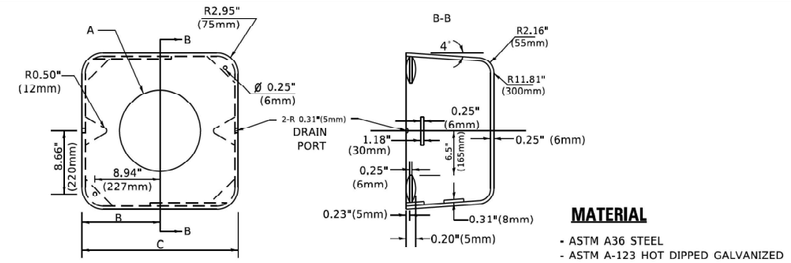
TOP VIEW

(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)

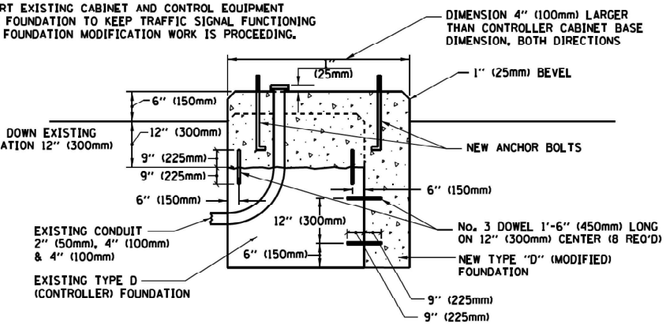
SHROUD

NOTES:

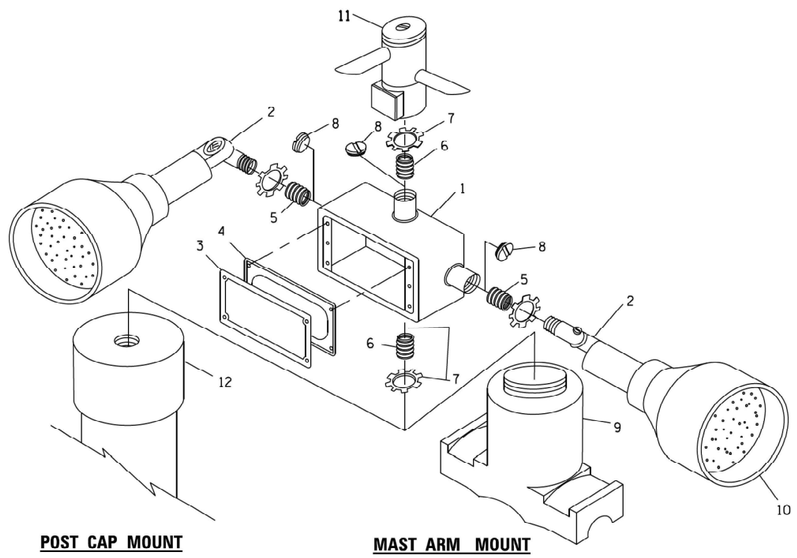
1. DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
2. THE SUPPLIER SHALL VERIFIED THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE 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



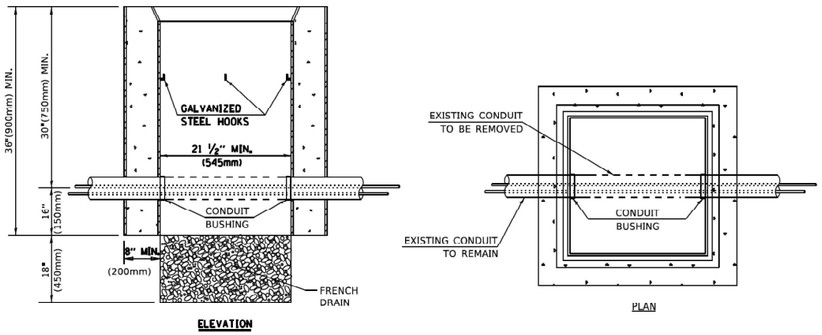
ITEM NO.	IDENTIFICATION
1	OUTLET BOX. GALV. 21 CU.IN. (0.000344 CU M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	¾"(19 mm) CLOSE NIPPLE
7	¾"(19 mm) LOCKNUT
8	¾"(19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT
12	POST CAP [18 FT. (5.4 m) POST MIN.]

NOTES:

1. ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
2. ITEM #1- OZ/GEDNEY FSX-1-50 OR EQUIVALENT
   ITEM #2- MULBERRY CON-O-SHADE LAMP SHIELD OR EQUIVALENT
   ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT
3. WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT BE REQUIRED. THE DETECTION UNIT SHALL BE MOUNTED DIRECTLY ON TOP OF THE CAP BY DRILLING AND TAPPING A 3/4 "(19 mm) HOLE WITH PIPE THREADS. THE POST CAP SHALL EITHER BE SCREWED TO THE TOP OF THE POST OR A MINIMUM OF 3 TIGHTENING SCREWS SHALL BE REQUIRED ON EACH CAP.

POST CAP MOUNT **MAST ARM MOUNT**

EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL



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

MODEL: Gen Details-6 [Sheet]
FILE NAME: c:\pw_workpw\dothassanni\d0603389\D108022-aht-TS.dgn

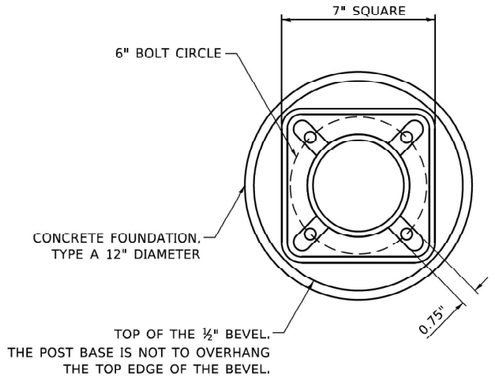
USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: | SHEET 6 OF 22 SHEETS | STA. | TO STA.

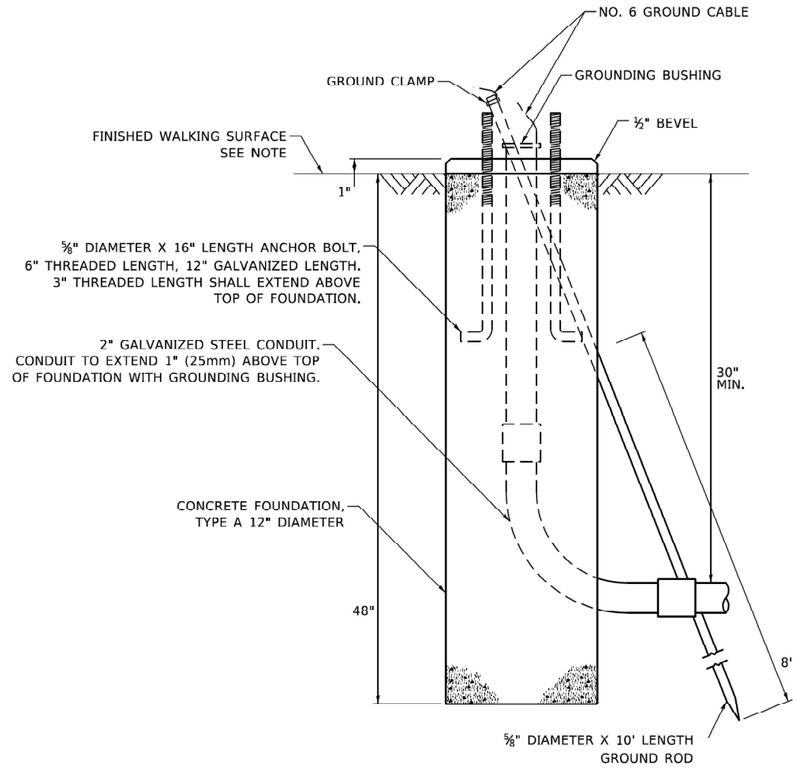
F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	101
		CONTRACT NO. 62R02		
		ILLINOIS FED. AID PROJECT		



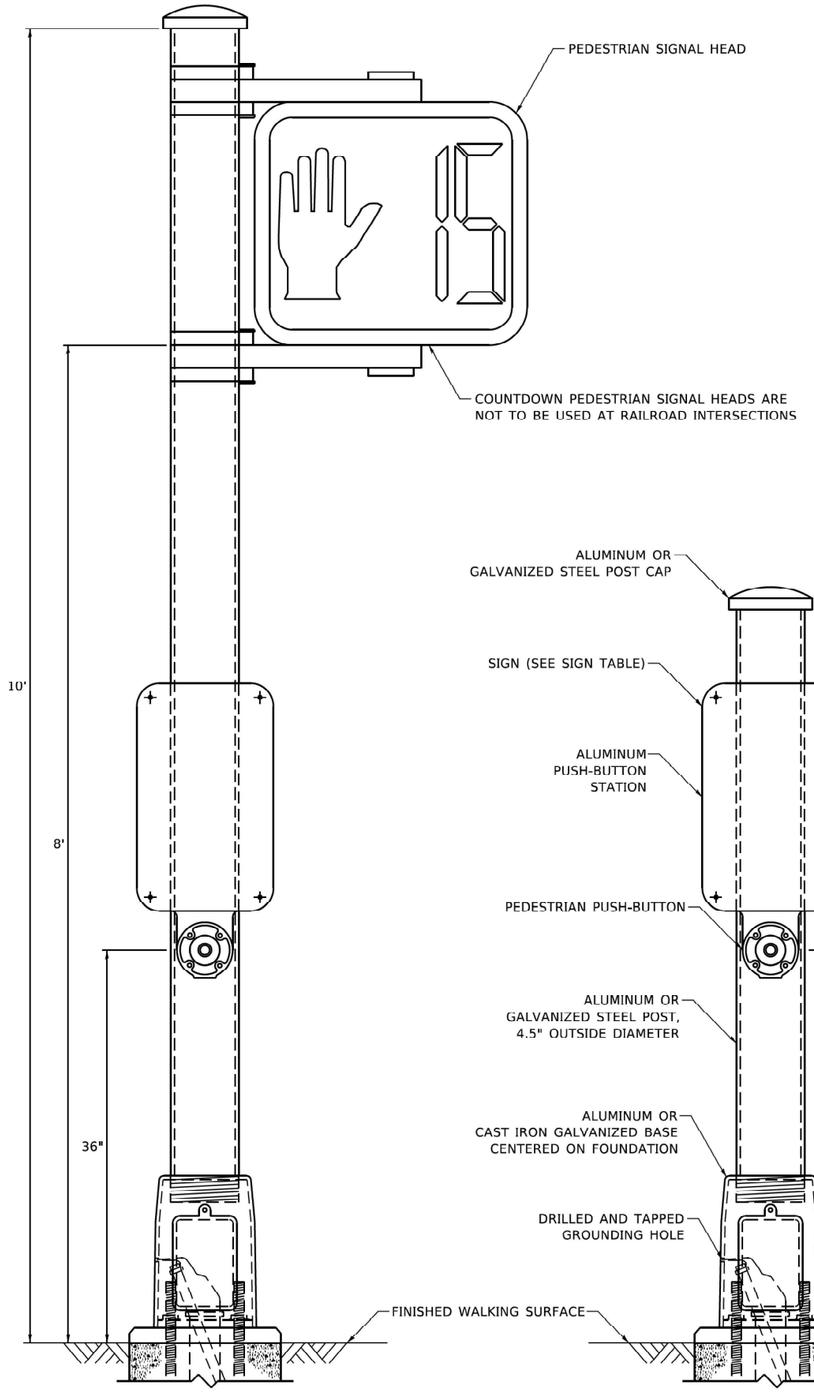
BOLT PATTERN

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.

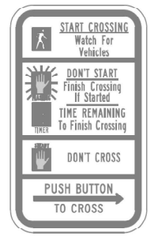
PEDESTRIAN SIGNAL POST, 5 FT.



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 15"

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.

MODEL: Gen Details-7 [Sheet]
FILE NAME: c:\pw_work\pw\dothassann\d0505385\D1108022-aht-TS.cgn

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

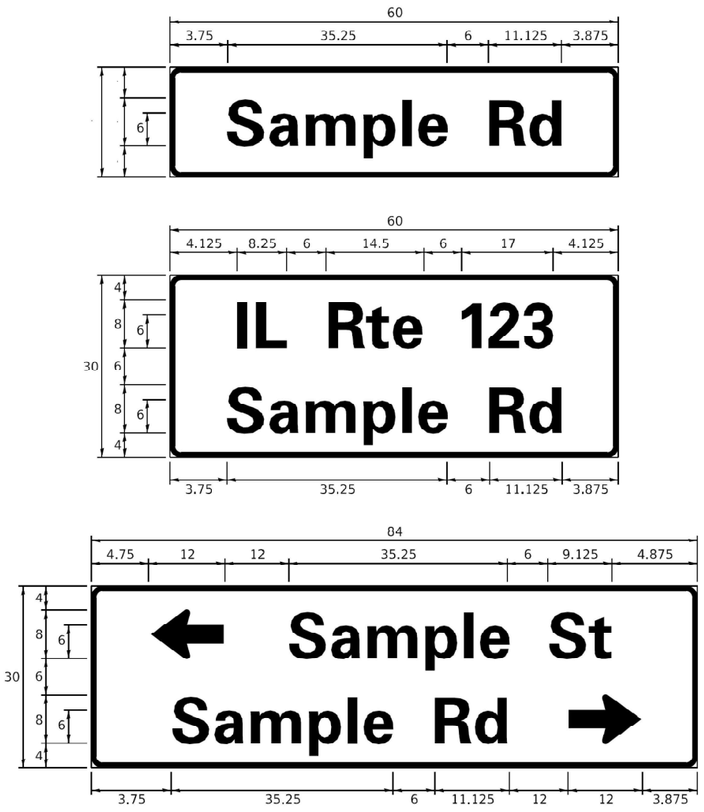
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: | SHEET 7 OF 22 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	102
		CONTRACT NO. 62R02		
	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

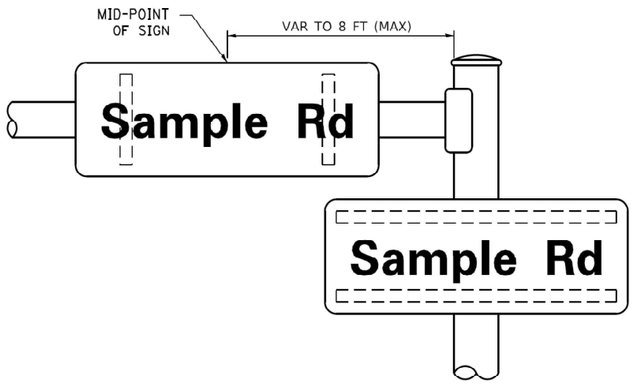
PARTS LISTING:

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

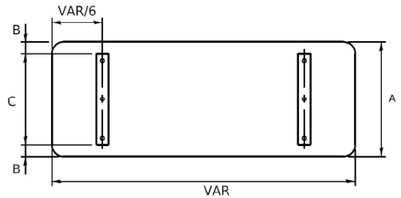
OTHER BRANDS OF MOUNTING HARDWARE ARE ACCEPTABLE, BASED UPON THE DEPARTMENT'S APPROVAL AND COMPATIBILITY WITH THE CHANNEL/BRACKET OF THE ABOVE PRODUCT.

MOUNTING LOCATION

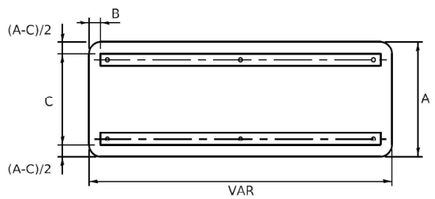
ARM OR POLE MOUNTED



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

MODEL: Gen Details-8 [Sheet]
FILE NAME: c:\pw_work\pwidot\hassamd\d0905386\D108022-sht-TS.dgn

USER NAME = naveed.hassan	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 1/24/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
MAST ARM MOUNTED STREET NAME SIGNS

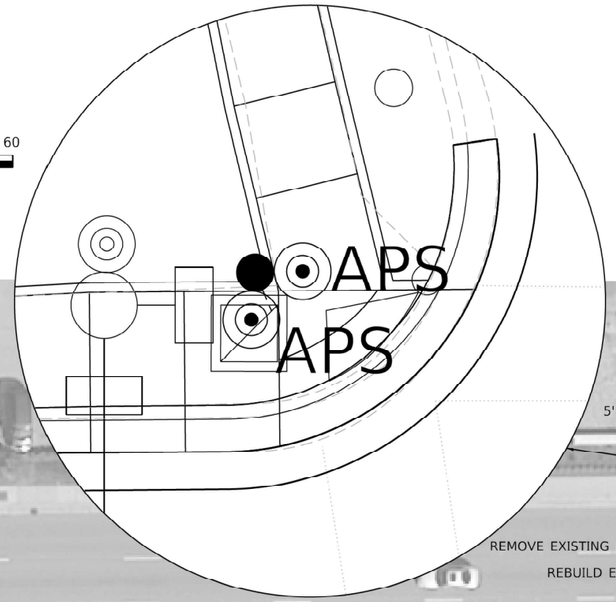
SCALE: | SHEET 8 OF 22 SHEETS | STA. | TO STA.

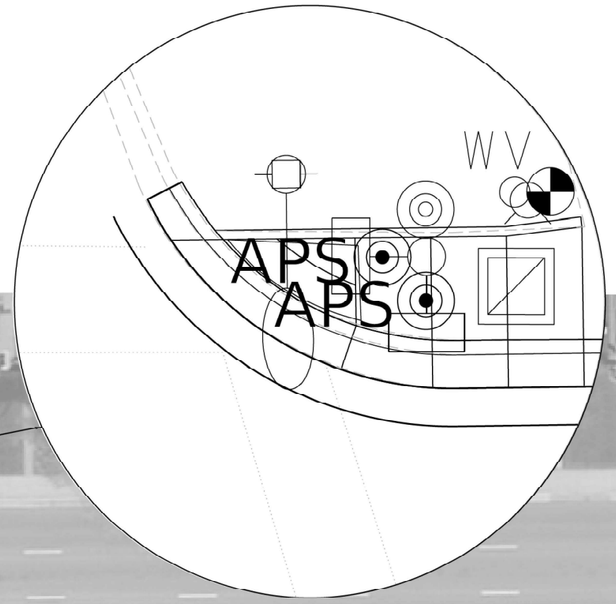
F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	103
		CONTRACT NO. 62R02		
	ILLINOIS	FED. AID PROJECT		

N

0 20 40 60

SCALE IN FEET





5' PEDESTRIAN POST
5'-UC-2"
REMOVE EXISTING PUSHBUTTON (1)
REBUILD EXISTING HANDHOLE

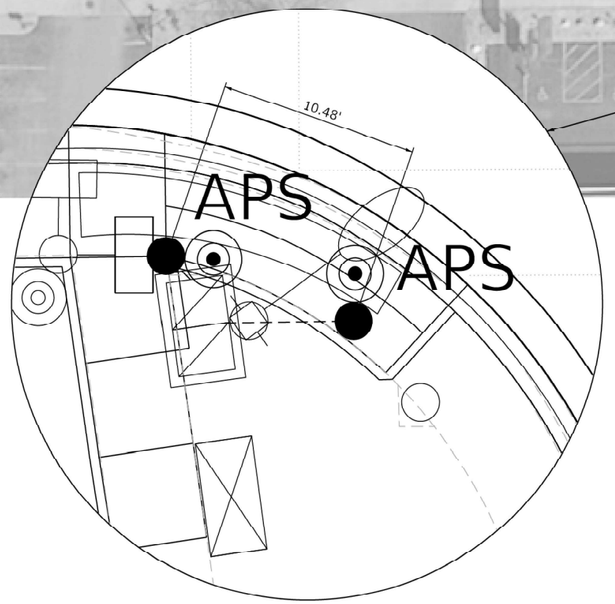
REMOVE EXISTING PUSHBUTTON (1)

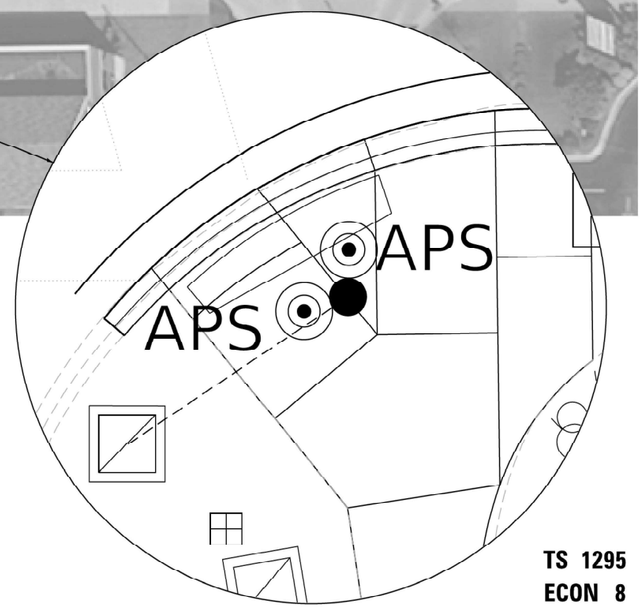
(US ROUTE 14) DEMPSTER STREET

5' PEDESTRIAN POST
REMOVE EXISTING PUSHBUTTON (1)
10.48'
5'-2"-UC
REBUILD EXISTING HANDHOLE
10'-2"-UC
5' PEDESTRIAN POST

SHERMER ROAD

REMOVE EXISTING PUSHBUTTON (1)
5' PEDESTRIAN POST
15'-UC-2"
DRILLING EXISTING HANDHOLE (1)





NOTES:

1. 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 REMOVAL EQUIPMENT SHALLBE REFLECTED IN THE CONTRACT BID PRICE.

   REMOVE 4 PEDESTRIAN PUSH-BUTTON

2. ALL EXISTING PEDESTRIAN PUSH-BUTTONS SHALL BE REMOVED.

3. CONTRACTOR SHALL PERFORM SIGNAL WORK IN SUCH A WAY AS TO MINIMIZE THE TIME THE EXISTING PEDESTRIAN EQUIPMENT IS INOPERATIONAL.

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

5. DIMENSIONS SHOWN ARE FROM CENTER OF POST TO BACK OF CURB AND ARE APPROXIMATE AND PLACEMENT OF THE POST SHALL BE VERIFIED WITH THE ENGINEER PRIOR TO THE START OF WORK

6. APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSS WALK.

7. STATIONING SHOWN ON THE TRAFFIC SIGNAL PLAN ARE FROM RECORD DRAWINGS AND MAY NOT MATCH OTHER PLANS.

8. WHERE TRAFFIC SIGNAL EQUIPMENT WAS REMOVED AND THE EXISTING CABLE IS NOT BEING REUSED, THE EXISTING ELECTRICAL CABLE SHALL BE REMOVED FROM CONDUIT.

9. THE CONTRACTOR SHALL UTILIZE THE EXISTING UNIDUCT FOR THE PROPOSED LOOP DETECTORS.

10. PUSH-BUTTON EXTENSIONS ARE REQUIRED WHERE PEDESTRIAN PUSH-BUTTON LOCATIONS/INSTALLATIONS DO NOT MEET THE REQUIREMENTS OF THE MUTCD OR THE INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILD AND FACILITIES". THE PUSH-BUTTON EXTENSIONS SHALL BE INCLUDED IN THE COST OF THE ACCESSIBLE PEDESTRIAN SIGNALS.

11. NOMINAL QUANTITY OF DETECTOR LOOP TO BE INCLUDED FOR INCIDENTAL WORK WHERE EXISTING DETECTOR LOOP IS IMPACTED, THIS QUANTITY MAY NOT BE USED AND CAN BE USED AT THE DISCRETION OF IDOT ENGINEER.

TS 1295
ECON 8

MODEL: US 14 at Shermer [Sheet]
FILE NAME: c:\pw_work\pwidot\hassannd\d0605385\D108022-sht-TS.dgn

USER NAME = naveed.hassan	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 1/24/2025	DATE -	REVISED -	

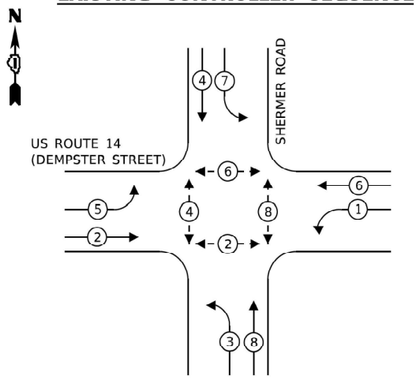
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLAN
(US ROUTE 14) DEMPSTER STREET AT SHERMER ROAD

SCALE: | SHEET 9 OF 22 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	104
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			

EXISTING CONTROLLER SEQUENCE



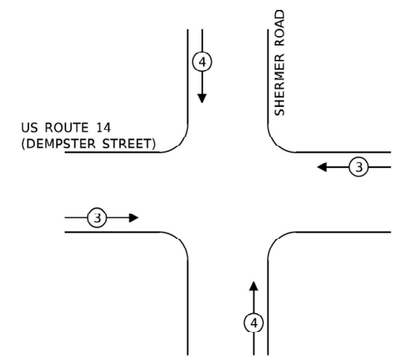
EXISTING
PHASE DESIGNATION DIAGRAM

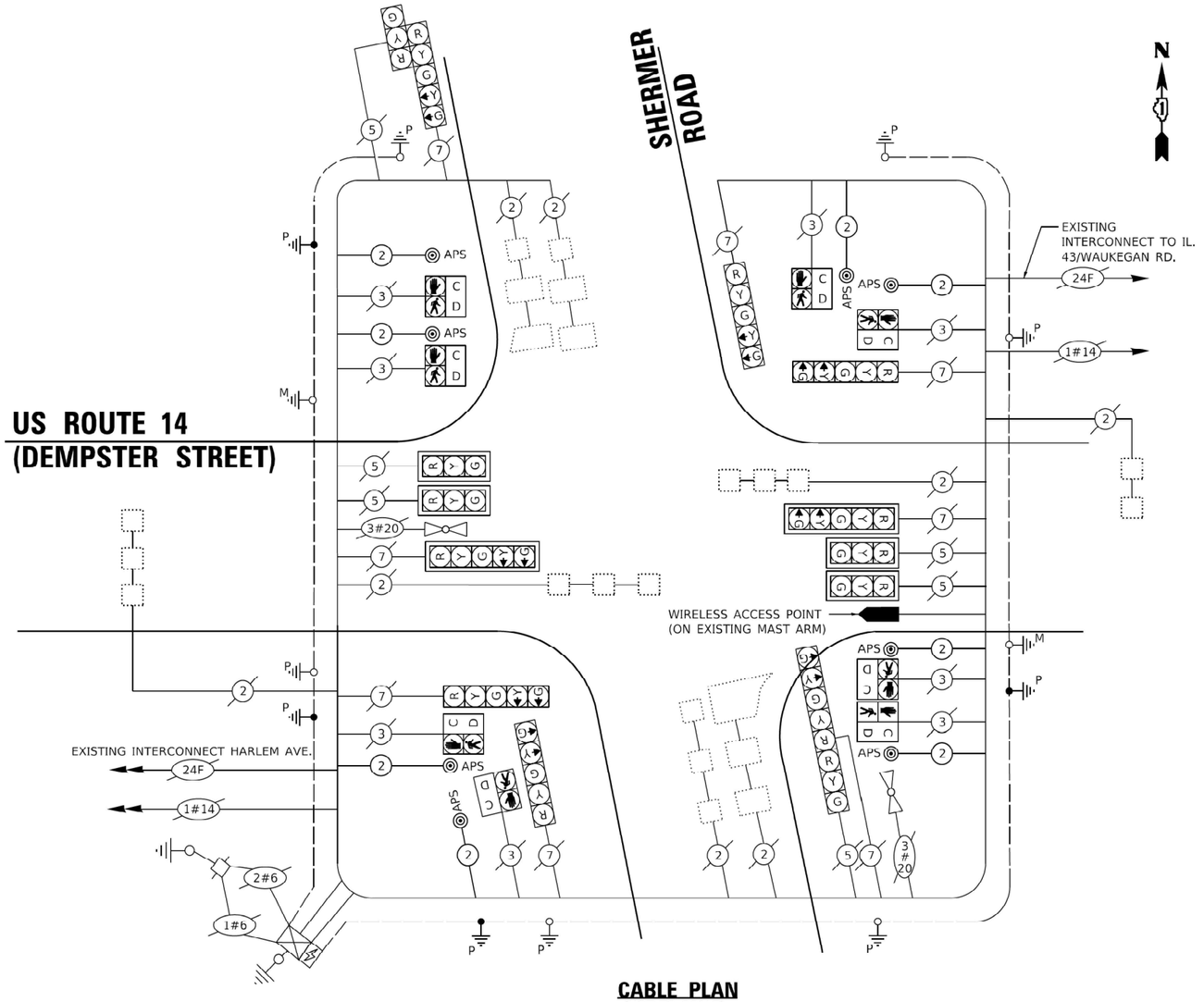
LEGEND:

PROTECTED PHASE

PEDESTRIAN PHASE

EXISTING EMERGENCY
VEHICLE PREEMPTION SEQUENCE





CABLE PLAN
(NOT TO SCALE)

TRAFFIC SIGNAL
ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	14	11	50	77
(YELLOW)	14	20	5	14
(GREEN)	14	12	45	75.6
PERMISSIVE ARROW	16	10	10	16
PED. SIGNAL	8	20	100	160
CONTROLLER	1	100	100	100
UPS	1	25	100	25
VIDEO SYSTEM	-	-	-	-
BLANK-OUT SIGN	-	-	-	-
FLASHER	-	-	-	-
STREET NAME SIGN	-	-	-	-
LUMINAIRE	-	-	-	-
			TOTAL =	467.6

ENERGY COSTS TO:

ILLINOIS DEPARTMENT OF TRANSPORTATION
201 WEST CENTER COURT
SHAUMBURG, IL 60196-1096

ENERGY SUPPLY: CONTACT: LARRY SHANK
PHONE: 847-291-3214
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: ---

SCHEDULE OF QUANTITES

ITEM DESCRIPTION	UNIT	TOTAL QTY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	35
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	962
DRILL EXISTING HANDHOLE	EACH	1
DETECTOR LOOP, TYPE I	FOOT	100*
MODIFY EXISTING CONTROLLER CABINET	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	238
REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	60
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	4
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	16
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1
REBUILD EXISTING HANDHOLE	EACH	2

* NOMINAL QUANTITY OF DETECTOR LOOP TO BE INCLUDED FOR INCIDENTAL WORK WHERE EXISTING DETECTOR LOOP IS IMPACTED, THIS QUANTITY MAY NOT BE USED AND CAN BE USED AT THE DISCRETION OF IDOT PROJECT ENGINEER.

TS 1295
ECON 8

MODEL: US 14 at Shermr-2 [Sheet]
FILE NAME: c:\pw_workpw\dot\hassannd\d0903386\D108022-eht-TS.dgn

USER NAME = naveed.hassan	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 1/24/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
US ROUTE 14 (DEMPSTER STREET) AT SHERMER ROAD

SCALE: | SHEET 10 OF 22 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	105
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			

NOTES:

1. 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 REMOVAL EQUIPMENT SHALLBE REFLECTED IN THE CONTRACT BID PRICE.

   6 EACH PEDESTRIAN PUSHBUTTON

2. ALL EXISTING PEDESTRIAN PUSH-BUTTONS SHALL BE REMOVED.

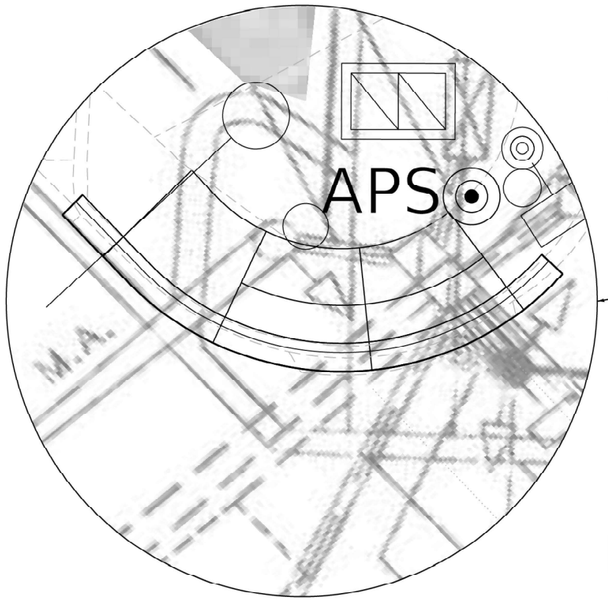
3. CONTRACTOR SHALL PERFORM SIGNAL WORK IN SUCH A WAY AS TO MINIMIZE THE TIME THE EXISTING PEDESTRIAN EQUIPMENT IS INOPERATIONAL.

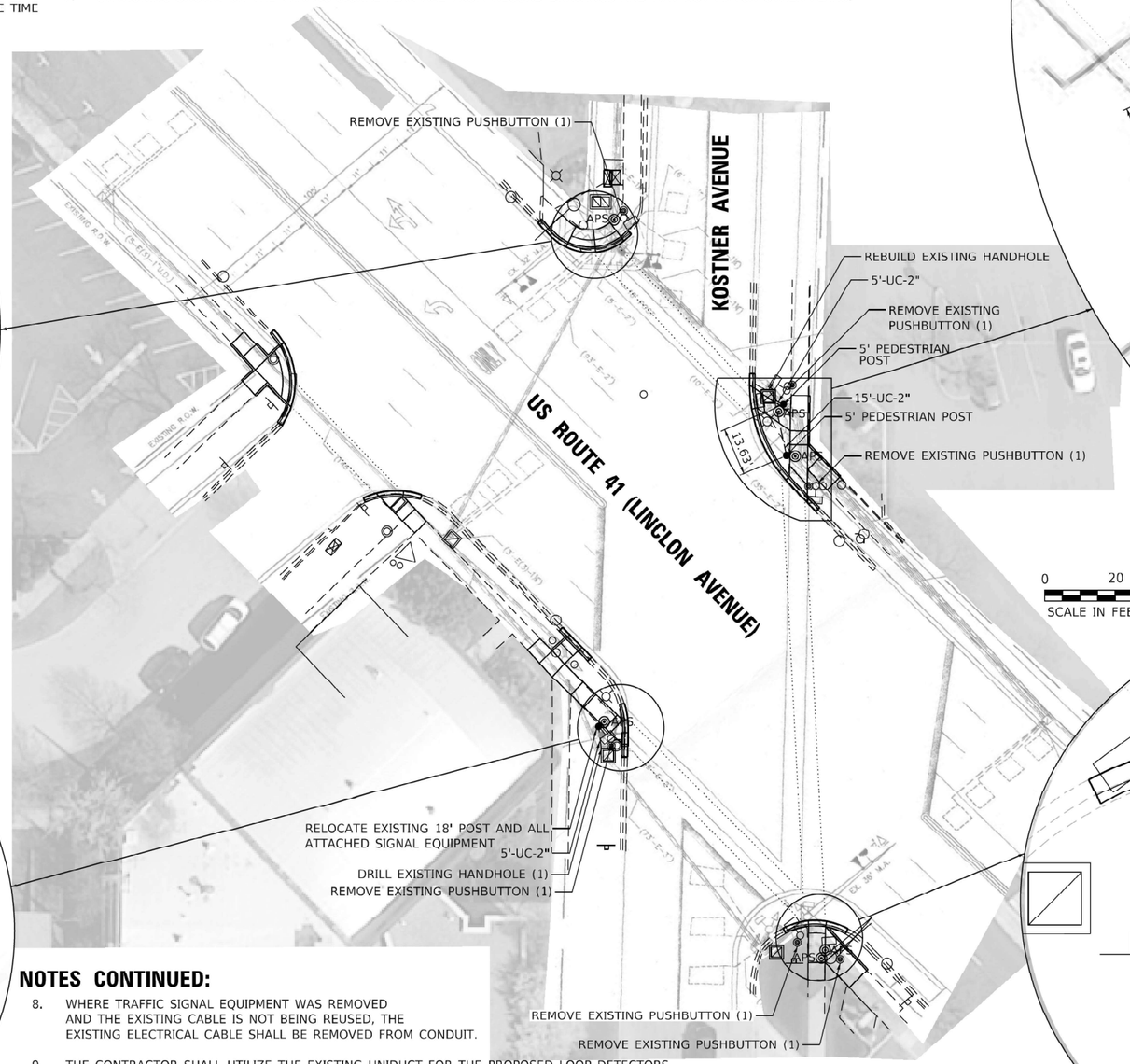
4. CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE PEDESTRIAN EQUIPMENT BEFORE INSTALLATION WITH THE TRAFFIC SIGNAL AREA ENGINEER BEFORE INSTALLATION.

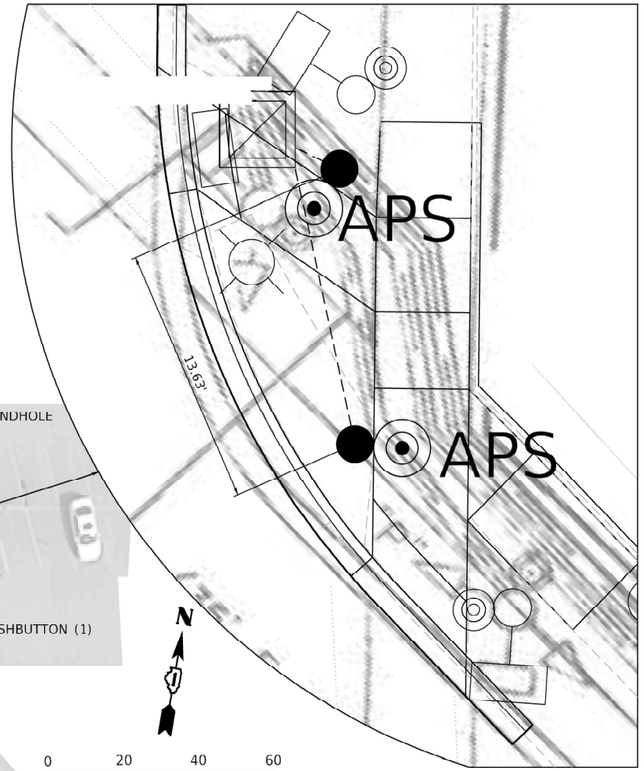
5. DIMENSIONS SHOWN ARE FROM CENTER OF POST TO BACK OF CURB AND ARE APPROXIMATE AND PLACEMENT OF THE POST SHALL BE VERIFIED WITH THE ENGINEER PRIOR TO THE START OF WORK

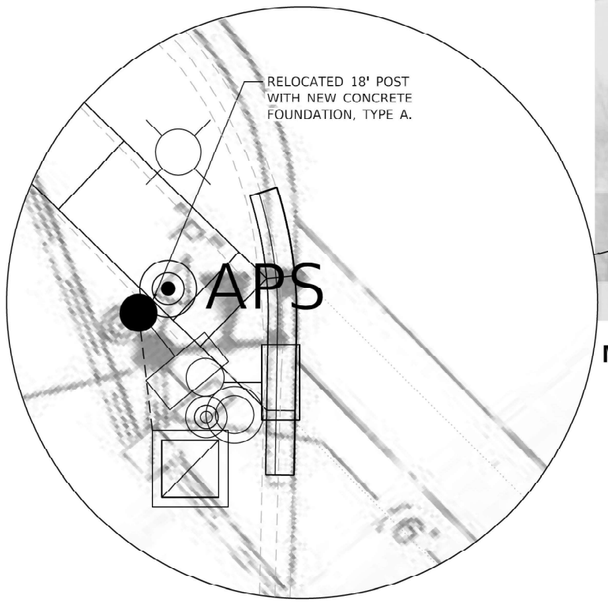
6. APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSS WALK.

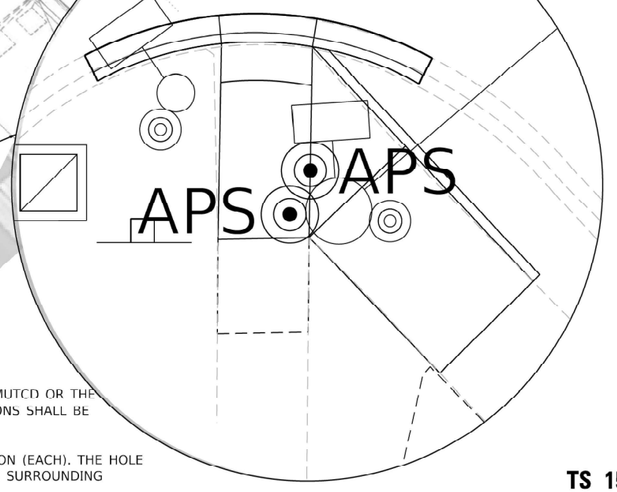
7. STATIONING SHOWN ON THE TRAFFIC SIGNAL PLAN ARE FROM RECORD DRAWINGS AND MAY NOT MATCH OTHER PLANS.











NOTES CONTINUED:

8. WHERE TRAFFIC SIGNAL EQUIPMENT WAS REMOVED AND THE EXISTING CABLE IS NOT BEING REUSED, THE EXISTING ELECTRICAL CABLE SHALL BE REMOVED FROM CONDUIT.

9. THE CONTRACTOR SHALL UTILIZE THE EXISTING UNIDUCT FOR THE PROPOSED LOOP DETECTORS.

10. PUSH-BUTTON EXTENSIONS ARE REQUIRED WHERE PEDESTRIAN PUSH-BUTTON LOCATIONS/INSTALLATIONS DO NOT MEET THE REQUIREMENTS OF THE MUTCD OR THE INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILD AND FACILITIES". THE PUSH-BUTTON EXTENSIONS SHALL BE INCLUDED IN THE COST OF THE ACCESSIBLE PEDESTRIAN SIGNALS.

11. THE CONTRACTOR SHALL REMOVE THE EXISTING POST FOUNDATION IN ITS ENTIRETY, PAID FOR AS 89502385 REMOVE EXISTING CONCRETE FOUNDATION (EACH). THE HOLE SHALL BE BACKFILLED WITH SUITABLE MATERIAL APPROVED BY THE ENGINEER. THE SURFACE OF THE FILLED HOLE SHALL BE TREATED TO MATCH THE SURROUNDING AREA. ALL BACKFILL MATERIAL, LABOR AND EQUIPMENT TO RESTORE THE SITE SHALL BE INCLUDED IN THE COST OF THE FOUNDATION REMOVAL.

12. NOMINAL QUANTITY OF DETECTOR LOOP TO BE INCLUDED FOR INCIDENTAL WORK WHERE EXISTING DETECTOR LOOP IS IMPACTED, THIS QUANTITY MAY NOT BE USED AND CAN BE USED AT THE DISCRETION OF IDOT PROJECT ENGINEER.

TS 1545
EAGLE IL

MODEL: US 41 at Kostner-1 [Sheet]
FILE NAME: c:\pw_work\pw\dot\hassann\d0609338\D1\08022-sht-TS.dgn

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

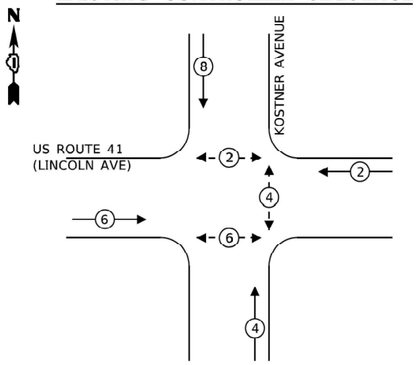
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLAN
US ROUTE 41 (LINCOLN AVENUE) AT KOSTNER AVENUE

SCALE: | SHEET 11 OF 22 SHEETS | STA. | TO STA.

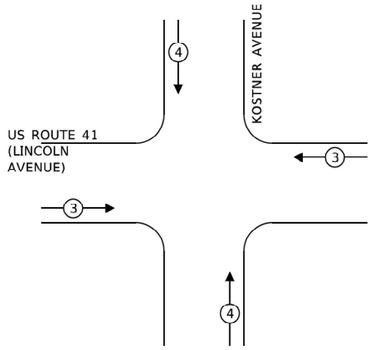
F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	106
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			

EXISTING CONTROLLER SEQUENCE



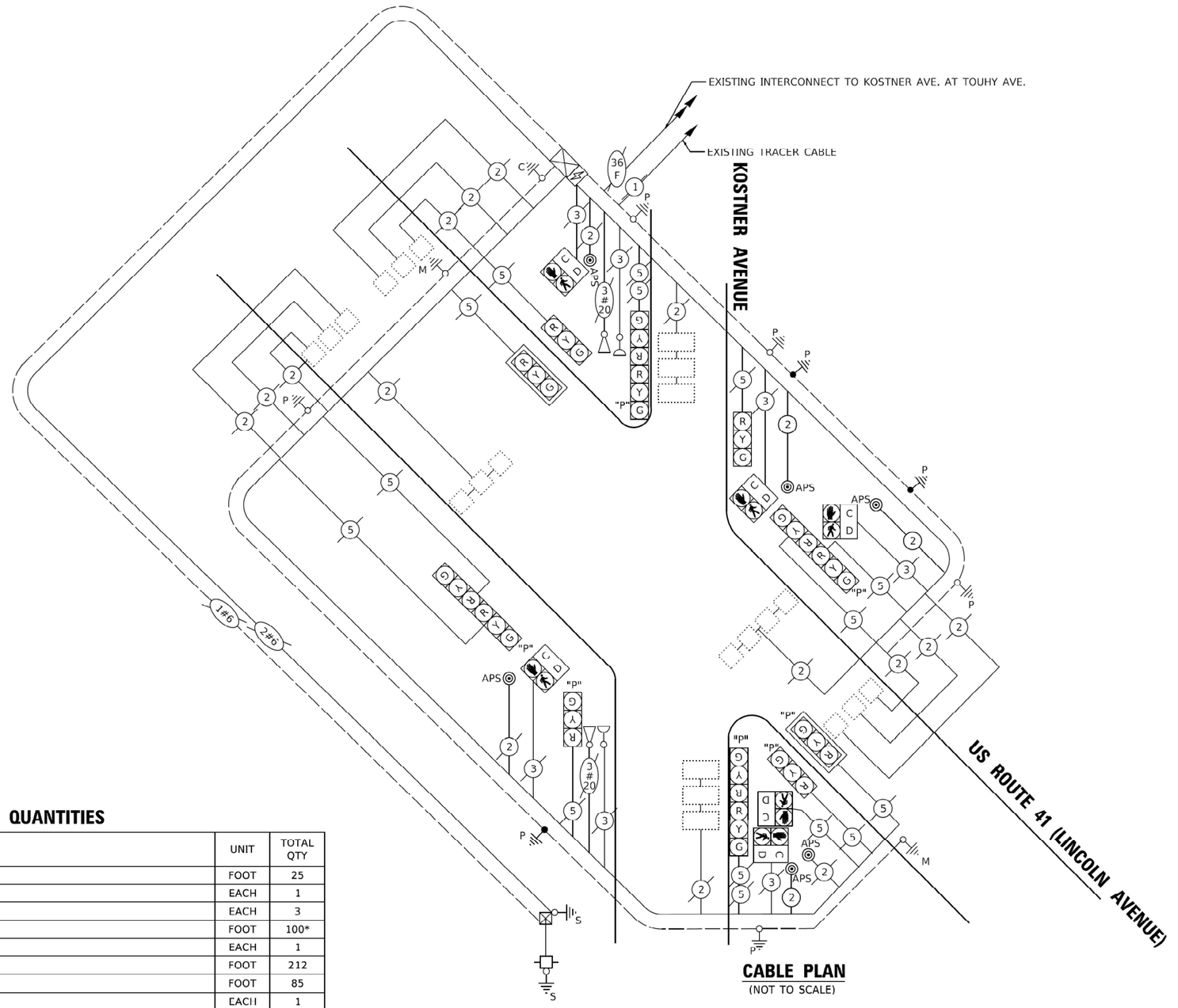
EXISTING PHASE DESIGNATION DIAGRAM

EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE



LEGEND:

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



CABLE PLAN
(NOT TO SCALE)

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	14	11	50	77
(YELLOW)	14	20	5	14
(GREEN)	14	12	45	75.6
PERMISSIVE ARROW	-	10	10	-
PED. SIGNAL	6	20	100	120
CONTROLLER	1	100	100	100
UPS	1	25	100	25
VIDEO SYSTEM	-	115	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	285	50	-
			TOTAL =	411.6

ENERGY COSTS TO:

VILLAGE OF LINCOLNNWOOD
6900 N LINCOLN
LINCOLNNWOOD, IL 60712

ENERGY SUPPLY: CONTACT: NAME
PHONE: TELEPHONE
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: ---

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	TOTAL QTY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	25
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
DRILL EXISTING HANDHOLE	EACH	3
DETECTOR LOOP, TYPE I	FOOT	100*
MODIFY EXISTING CONTROLLER CABINET	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	212
REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	85
REBUILD EXISTING HANDHOLE	EACH	1
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
RELOCATE TRAFFIC SIGNAL POST (SPECIAL)	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	4

* NOMINAL QUANTITY OF DETECTOR LOOP TO BE INCLUDED FOR INCIDENTAL WORK WHERE EXISTING DETECTOR LOOP IS IMPACTED, THIS QUANTITY MAY NOT BE USED AND CAN BE USED AT THE DISCRETION OF IDOT PROJECT ENGINEER.

TS 1545
EAGLE IL

MODEL: US 41 at Kostner-2 [Sheet]
FILE NAME: c:\pw_work\pwidot\hassann\d0905386\D108022-sht-TS.dgn

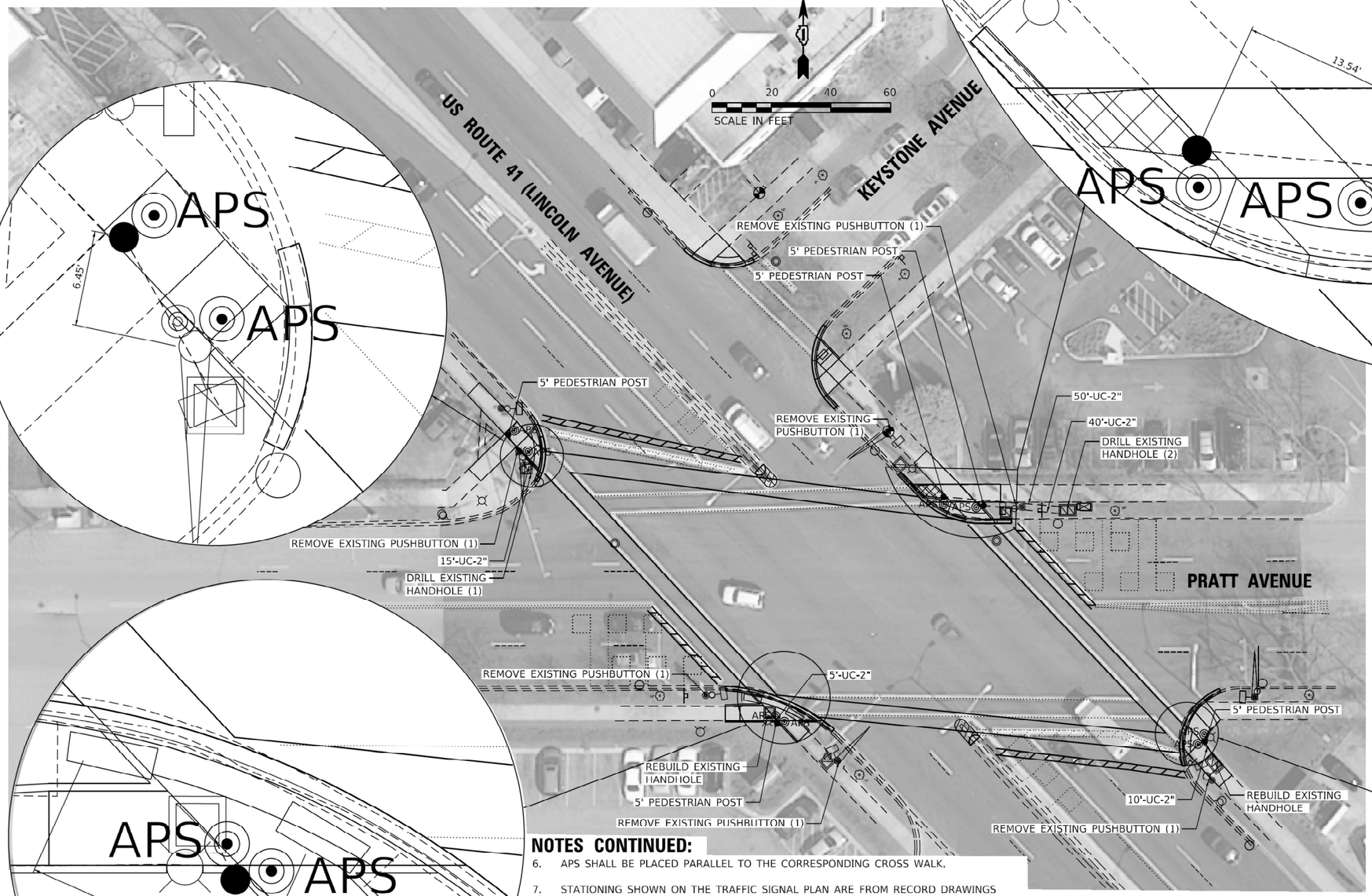
USER NAME = naveed.hassan	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 1/24/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE US ROUTE 41 (LINCOLN AVENUE) AT KOSTNER AVENUE

SCALE: | SHEET 12 OF 22 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	107
		CONTRACT NO. 62R02		
		ILLINOIS	FED. AID PROJECT	



NOTES:

1. 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 REMOVAL EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

   REMOVE 6 PEDESTRIAN PUSH-BUTTON

2. ALL EXISTING PEDESTRIAN PUSH-BUTTONS SHALL BE REMOVED.
3. CONTRACTOR SHALL PERFORM SIGNAL WORK IN SUCH A WAY AS TO MINIMIZE THE TIME THE EXISTING PEDESTRIAN EQUIPMENT IS INOPERATIONAL.
4. CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE PEDESTRIAN EQUIPMENT BEFORE INSTALLATION WITH THE TRAFFIC SIGNAL AREA ENGINEER BEFORE INSTALLATION.
5. DIMENSIONS SHOWN ARE FROM CENTER OF POST TO BACK OF CURB AND ARE APPROXIMATE AND PLACEMENT OF THE POST SHALL BE VERIFIED WITH THE ENGINEER PRIOR TO THE START OF WORK

NOTES CONTINUED:

6. APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSS WALK.
7. STATIONING SHOWN ON THE TRAFFIC SIGNAL PLAN ARE FROM RECORD DRAWINGS AND MAY NOT MATCH OTHER PLANS.
8. WHERE TRAFFIC SIGNAL EQUIPMENT WAS REMOVED AND THE EXISTING CABLE IS NOT BEING REUSED, THE EXISTING ELECTRICAL CABLE SHALL BE REMOVED FROM CONDUIT.
9. THE CONTRACTOR SHALL UTILIZE THE EXISTING UNIDUCT FOR THE PROPOSED LOOP DETECTORS.
10. PUSH-BUTTON EXTENSIONS ARE REQUIRED WHERE PEDESTRIAN PUSH-BUTTON LOCATIONS/INSTALLATIONS DO NOT MEET THE REQUIREMENTS OF THE MUTCD OR THE INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILD AND FACILITIES". THE PUSH-BUTTON EXTENSIONS SHALL BE INCLUDED IN THE COST OF THE ACCESSIBLE PEDESTRIAN SIGNALS.
11. THE CONTRACTOR SHALL REMOVE THE EXISTING POST FOUNDATION IN ITS ENTIRETY, PAID FOR AS 89502385 REMOVE EXISTING CONCRETE FOUNDATION (EACH). THE HOLE SHALL BE BACKFILLED WITH SUITABLE MATERIAL APPROVED BY THE ENGINEER. THE SURFACE OF THE FILLED HOLE SHALL BE TREATED TO MATCH THE SURROUNDING AREA. ALL BACKFILL MATERIAL, LABOR AND EQUIPMENT TO RESTORE THE SITE SHALL BE INCLUDED IN THE COST OF THE FOUNDATION REMOVAL.
12. NOMINAL QUANTITY OF DETECTOR LOOP TO BE INCLUDED FOR INCIDENTAL WORK WHERE EXISTING DETECTOR LOOP IS IMPACTED, THIS QUANTITY MAY NOT BE USED AND CAN BE USED AT THE DISCRETION OF THE IDOT PROJECT ENGINEER.

TS 1610
ECON 88

MODEL: US 41 at Keystone ave-1 [Sheet]
FILE NAME: c:\pw_work\pwidot\hassann\d0905386\D108022-sht-TS.dgn

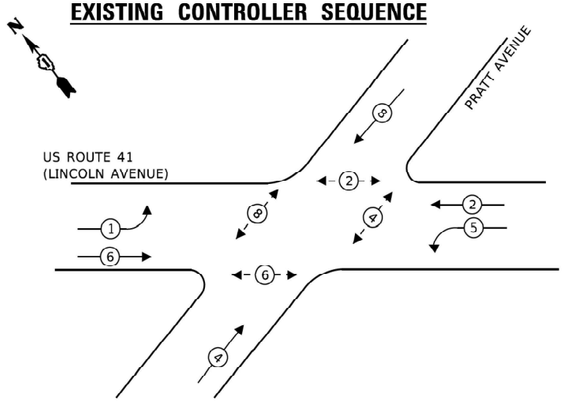
USER NAME = naveed.hassan	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 1/24/2025	DATE -	REVISED -	

TRAFFIC SIGNAL PLAN
US ROUTE 41 (LINCOLN AVENUE) AT PRATT AVENUE

SCALE: | SHEET 13 OF 22 SHEETS | STA. | TO STA.

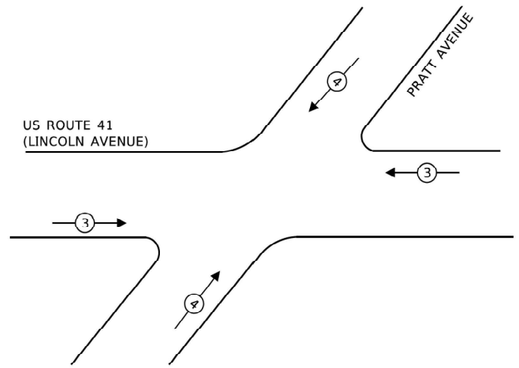
F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	108
		CONTRACT NO. 62R02		
		ILLINOIS	FED. AID PROJECT	

EXISTING CONTROLLER SEQUENCE



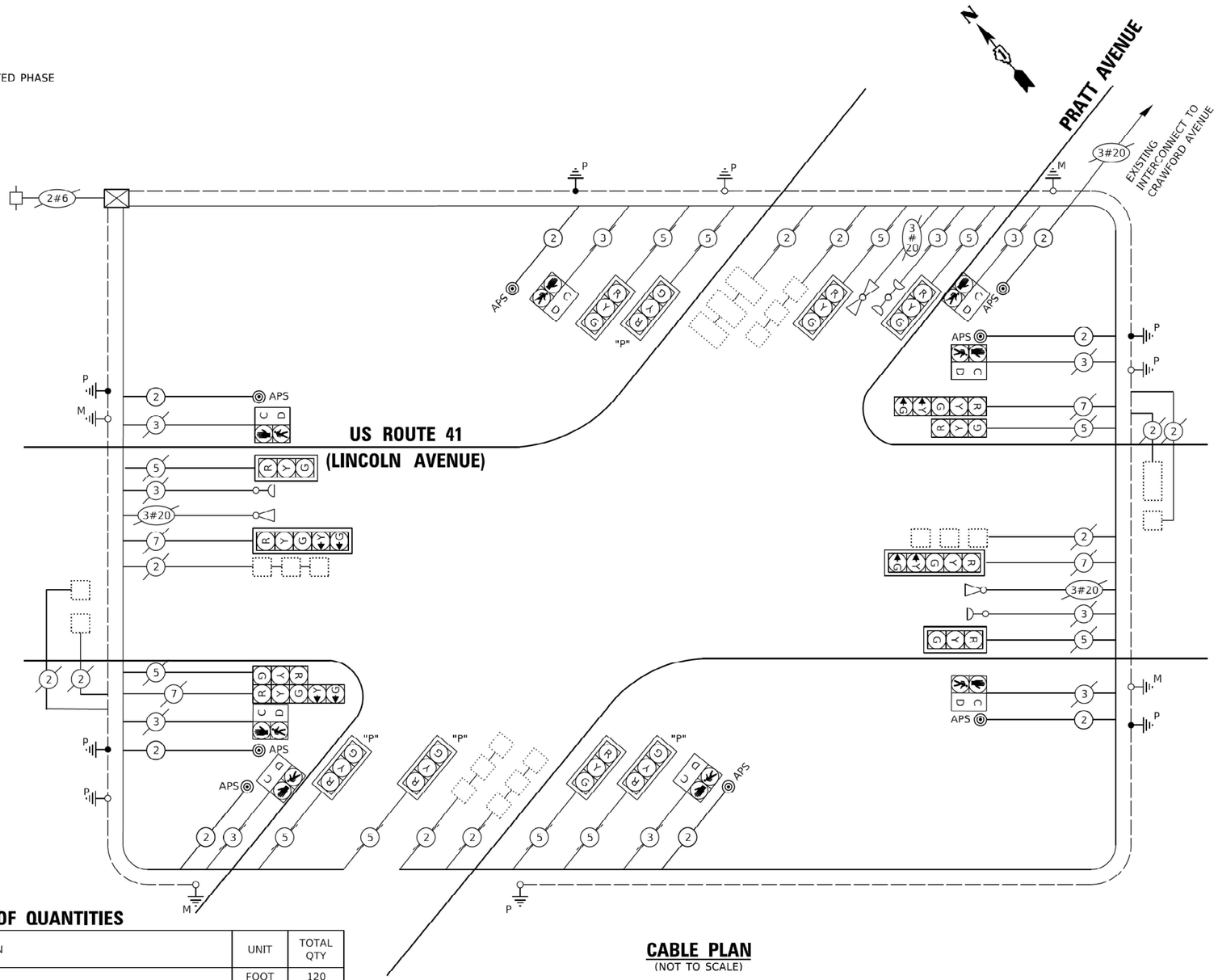
EXISTING PHASE DESIGNATION DIAGRAM

EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE



LEGEND:

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



CABLE PLAN
(NOT TO SCALE)

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	16	11	50	88
(YELLOW)	16	20	5	16
(GREEN)	16	12	45	86.4
PERMISSIVE ARROW	8	10	10	8
PED. SIGNAL	8	20	100	160
CONTROLLER	1	100	100	100
UPS	-	25	100	-
VIDEO SYSTEM	-	115	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	285	50	-
			TOTAL =	458.4

ENERGY COSTS TO:

LINCOLNWOOD
6900 N LINCOLN AVE
LINCOLNWOOD, IL 60712

ENERGY SUPPLY: CONTACT: MIKE LYNCH
PHONE: 847-816-5331
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: ---

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	TOTAL QTY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	120
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1041
DRILL EXISTING HANDHOLE	EACH	6
DETECTOR LOOP, TYPE I	FOOT	100*
MODIFY EXISTING CONTROLLER CABINET	EACH	1
REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	20
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	5
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	20
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1
18' POST FOUNDATION	EACH	1

* NOMINAL QUANTITY OF DETECTOR LOOP TO BE INCLUDED FOR INCIDENTAL WORK WHERE EXISTING DETECTOR LOOP IS IMPACTED, THIS QUANTITY MAY NOT BE USED AND CAN BE USED AT THE DISCRETION OF IDOT PROJECT ENGINEER.

TS 1610
ECON 88

MODEL: US 41 at Keystone ave-2 [Sheet]
FILE NAME: c:\pw_work\pwidot\hassamd\d0505386\D1\08022-sht-TS.dgn

USER NAME = naveed.hassan	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 1/24/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
US ROUTE 41 (LINCOLN AVENUE) AT PRATT AVENUE

SCALE: | SHEET 14 OF 22 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	109
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			

NOTES:

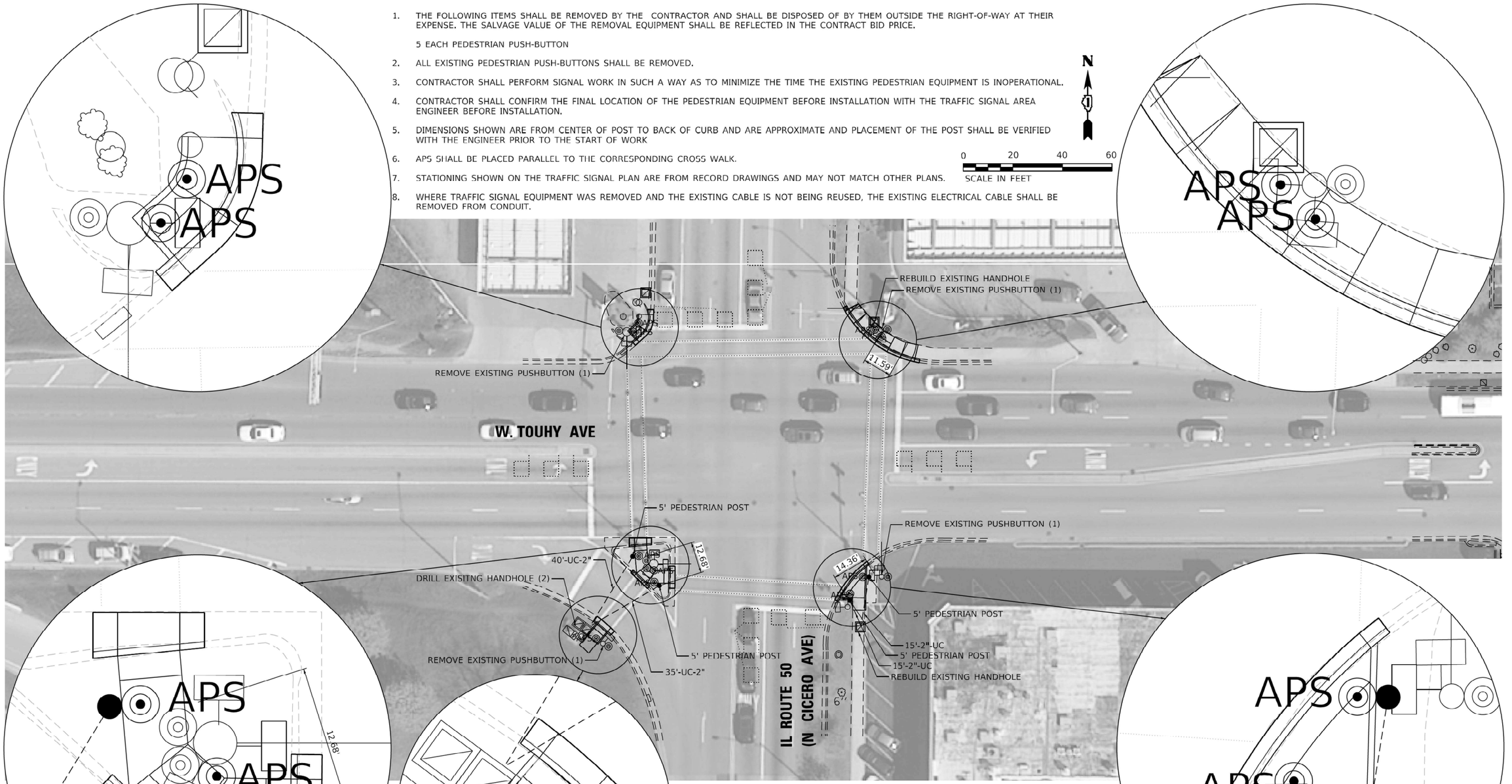
1. THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVAL EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

   5 EACH PEDESTRIAN PUSH-BUTTON

2. ALL EXISTING PEDESTRIAN PUSH-BUTTONS SHALL BE REMOVED.
3. CONTRACTOR SHALL PERFORM SIGNAL WORK IN SUCH A WAY AS TO MINIMIZE THE TIME THE EXISTING PEDESTRIAN EQUIPMENT IS INOPERATIONAL.
4. CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE PEDESTRIAN EQUIPMENT BEFORE INSTALLATION WITH THE TRAFFIC SIGNAL AREA ENGINEER BEFORE INSTALLATION.
5. DIMENSIONS SHOWN ARE FROM CENTER OF POST TO BACK OF CURB AND ARE APPROXIMATE AND PLACEMENT OF THE POST SHALL BE VERIFIED WITH THE ENGINEER PRIOR TO THE START OF WORK
6. APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSS WALK.
7. STATIONING SHOWN ON THE TRAFFIC SIGNAL PLAN ARE FROM RECORD DRAWINGS AND MAY NOT MATCH OTHER PLANS.
8. WHERE TRAFFIC SIGNAL EQUIPMENT WAS REMOVED AND THE EXISTING CABLE IS NOT BEING REUSED, THE EXISTING ELECTRICAL CABLE SHALL BE REMOVED FROM CONDUIT.

N

0 20 40 60
SCALE IN FEET



NOTES CONTINUED:

9. THE CONTRACTOR SHALL UTILIZE THE EXISTING UNIDUCT FOR THE PROPOSED LOOP DETECTORS.
10. PUSH-BUTTON EXTENSIONS ARE REQUIRED WHERE PEDESTRIAN PUSH-BUTTON LOCATIONS/INSTALLATIONS DO NOT MEET THE REQUIREMENTS OF THE MUTCD OR THE INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILD AND FACILITIES" THE PUSH-BUTTON EXTENSIONS SHALL BE INCLUDED IN THE COST OF THE ACCESSIBLE PEDESTRIAN SIGNALS.
11. THE CONTRACTOR SHALL REMOVE THE EXISTING POST FOUNDATION IN ITS ENTIRETY, PAID FOR AS 89502385 REMOVE EXISTING CONCRETE FOUNDATION (EACH). THE HOLE SHALL BE BACKFILLED WITH SUITABLE MATERIAL APPROVED BY THE ENGINEER. THE SURFACE OF THE FILLED HOLE SHALL BE TREATED TO MATCH THE SURROUNDING AREA. ALL BACKFILL MATERIAL, LABOR AND EQUIPMENT TO RESTORE THE SITE SHALL BE INCLUDED IN THE COST OF THE FOUNDATION REMOVAL.
12. NOMINAL QUANTITY OF DETECTOR LOOP TO BE INCLUDED FOR INCIDENTAL WORK WHERE EXITING DETECTOR LOOP IS IMPACTED, THIS QUANTITY MAY NOT BE USED AND CAN BE USED AT THE DISCRETION OF THE IDOT PROJECT ENGINEER.

TS 2625
EAGLE 1

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

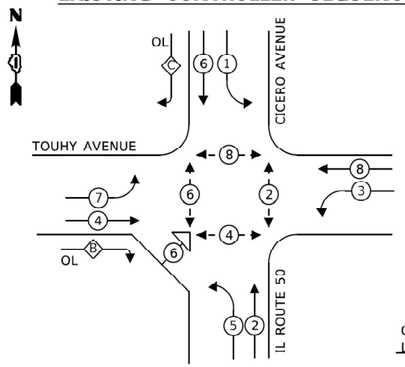
TRAFFIC SIGNAL PLAN
IL ROUTE 50 (N CICERO AVENUE) AT W TOUHY AVENUE

SCALE: | SHEET 15 OF 22 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	110
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			

MODEL: Touhy ave at Cicero -1 [Sheet]
FILE NAME: c:\pw_workpw\dothassannd0603389\D108022-sht-TS.dgn

EXISTING CONTROLLER SEQUENCE



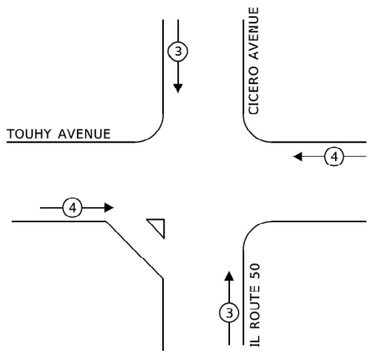
LEGEND:

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

OVERLAP LETTER		PERMISSIVE PHASE		PROTECTED OVERLAP PHASE
B	=	4	+	5
C	=	6	+	7

EXISTING PHASE DESIGNATION DIAGRAM

EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	16	11	50	88
(YELLOW)	16	20	5	16
(GREEN)	16	12	45	86.4
PERMISSIVE ARROW	24	10	10	24
PED. SIGNAL	10	20	100	200
CONTROLLER	1	100	100	100
UPS	1	25	100	25
VIDEO SYSTEM	-	115	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	20	-
STREET NAME SIGN	-	120	20	-
LUMINAIRE	-	285	0	-
			TOTAL =	539.4

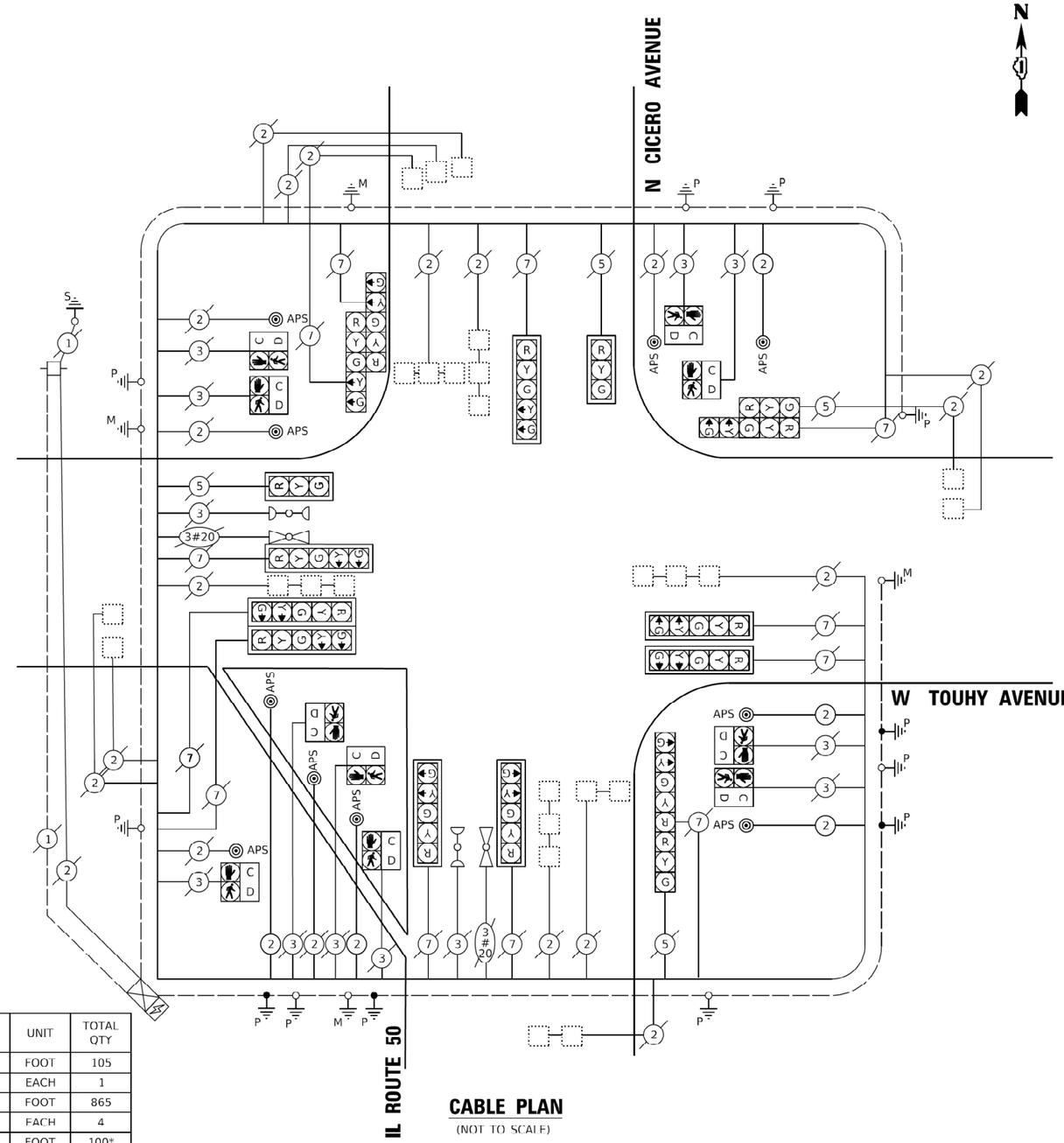
ENERGY COSTS TO:

ILLINOIS DEPARTMENT OF TRANSPORTATION
201 WEST CENTER COURT
SCHAUMBURG, IL 60196-1096

ENERGY SUPPLY: CONTACT: NAME
PHONE: TELEPHONE
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: ---

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	TOTAL QTY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	105
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	865
DRILL EXISTING HANDHOLE	EACH	4
DETECTOR LOOP, TYPE I	FOOT	100*
MODIFY EXISTING CONTROLLER CABINET	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	4
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	10
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	16
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1
REBUILD EXISTING HANDHOLE	EACH	1



CABLE PLAN

(NOT TO SCALE)

* NOMINAL QUANTITY OF DETECTOR LOOP TO BE INCLUDED FOR INCIDENTAL WORK WHERE EXISTING DETECTOR LOOP IS IMPACTED, THIS QUANTITY MAY NOT BE USED AND CAN BE USED AT THE DISCRETION OF THE IDOT PROJECT ENGINEER.

TS 2625
EAGLE 1

MODEL: Touhy ave at Cicero-2 [Sheet]
FILE NAME: c:\pw_work\pwidot\hassannd\d0920538\D1108922-aht-TS.dgn

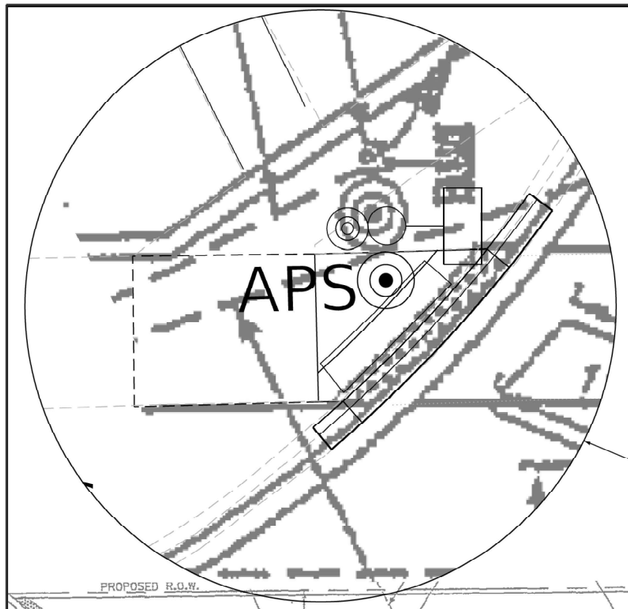
USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

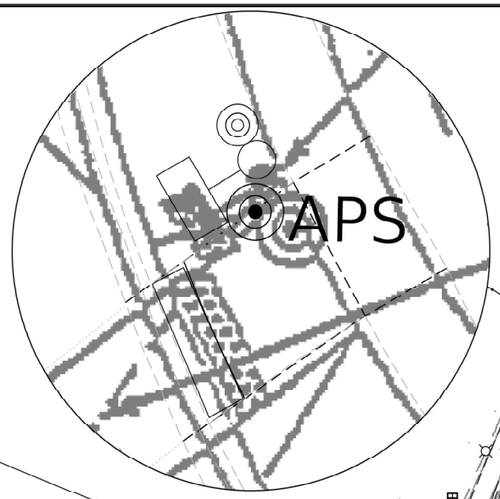
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

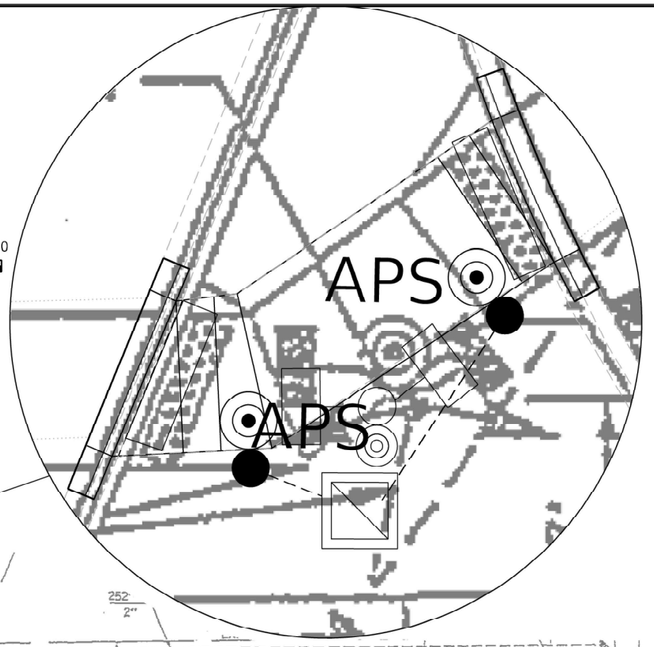
CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
W TOUHY AVENUE AT IL ROUTE 50 (CICERO AVENUE)

SCALE: | SHEET 16 OF 22 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	111
		CONTRACT NO. 62R02		
		ILLINOIS FED. AID PROJECT		

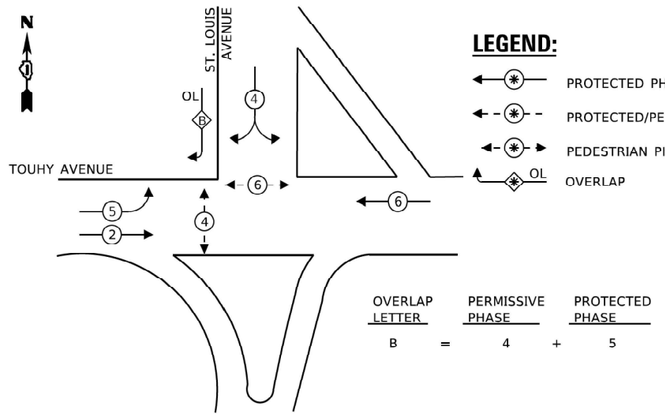






N
0
20
40
60
SCALE IN FEET
N. ST. LOUIS AVENUE
W. TOUHY AVENUE
PROPOSED R.O.W.
EXISTING R.O.W.
R.O.W.
DRILL EXISTING HANDHOLE (1)
25'-2"-UC
16' POST
REMOVE EXISTING PUSHBUTTON (1)
10' POST
55'-UC
2½"
11'-UC
2½"
5' PEDESTRIAN POST
10'-UC-2"
106'-UC
4"
REMOVE EXISTING PUSHBUTTON (1)
5' PEDESTRIAN POST
REMOVE EXISTING PUSHBUTTON (1)
5' PEDESTRIAN POST
15'-UC-2"
REMOVE EXISTING PUSHBUTTON (1)
DRILL EXISTING HANDHOLE (2)
33'-UC
2"
72'-UC
2"
7'-UC
3"
5'-UC
2½"
74'-UC
5' PEDESTRIAN POST
15'-2"-UC
DRILL EXISTING HANDHOLE (1)
47'-UC
3"
32'-UC
3"
UPRR ROW
14' POST
EXISTING STOP SIGN TO REMOVE
REMOVE EXISTING PUSHBUTTON (1)
30" DIA. FOUNDATION
30" DIA. FOUNDATION
18' M.A.
14.07'
APS
APS
APS

EXISTING CONTROLLER SEQUENCE



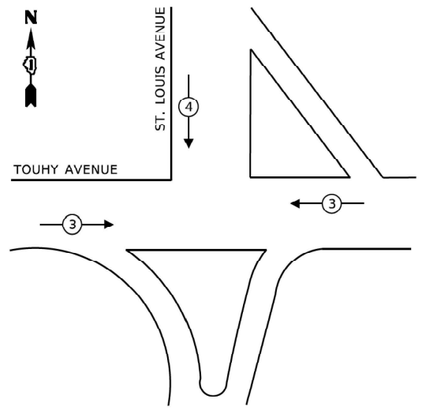
LEGEND:

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

OVERLAP LETTER		PERMISSIVE PHASE		PROTECTED PHASE
B	=	4	+	5

EXISTING PHASE DESIGNATION DIAGRAM

EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE



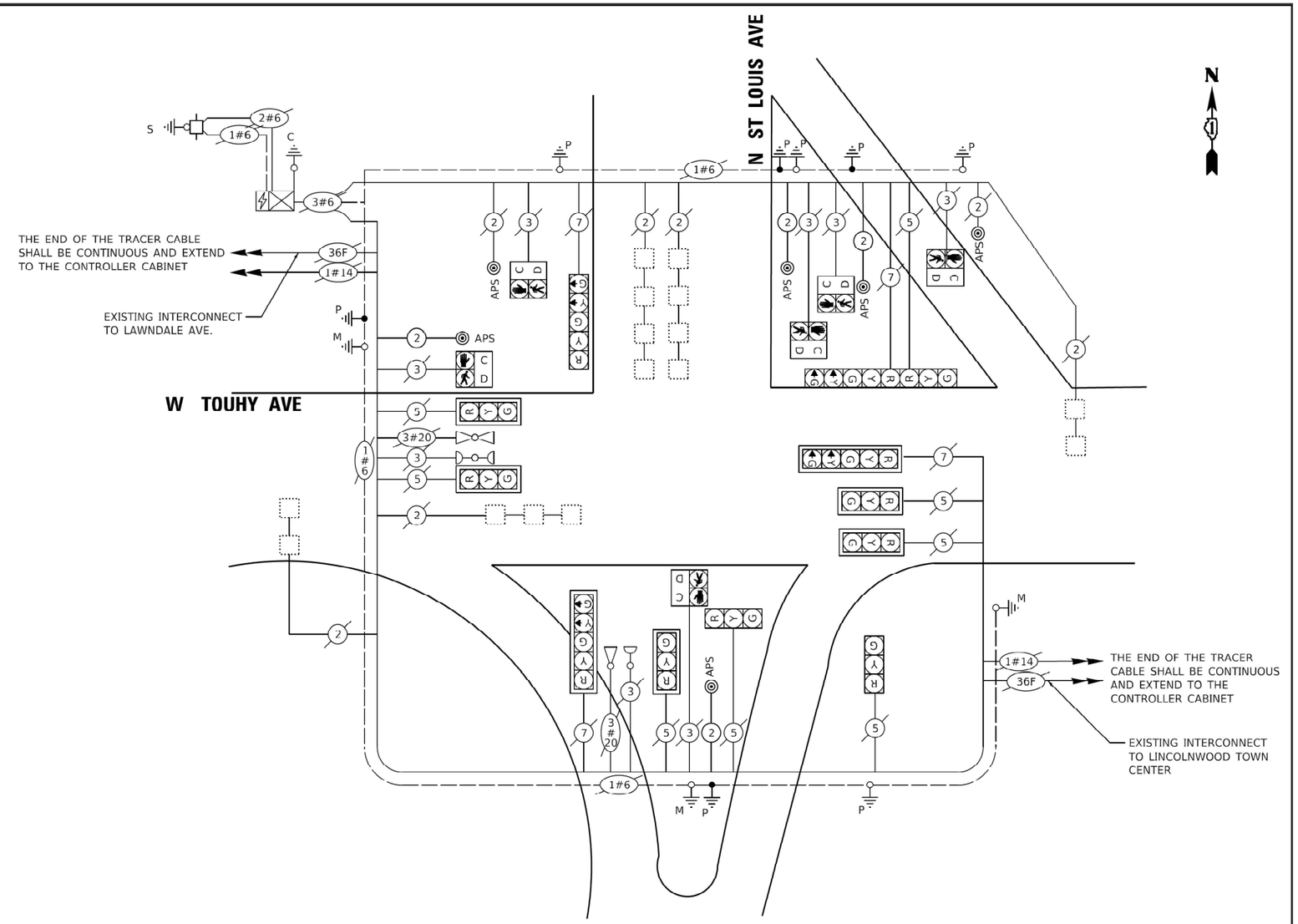
TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	12	11	50	66
(YELLOW)	12	20	5	12
(GREEN)	12	12	45	64.8
PERMISSIVE ARROW	8	10	10	8
PED. SIGNAL	6	20	100	120
CONTROLLER	1	100	100	100
UPS	1	25	100	25
VIDEO SYSTEM	-	115	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	285	50	-
			TOTAL =	395.8

ENERGY COSTS TO:

VILLAGE OF SKOKIE
5127 OAKTON STREET
SKOKIE, IL 60077

ENERGY SUPPLY: CONTACT: LARRY SHANK
PHONE: 847-816-5465
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: ---



CABLE PLAN
(NOT TO SCALE)

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	TOTAL QTY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	65
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	290
DRILL EXISTING HANDHOLE	EACH	4
DETECTOR LOOP, TYPE I	FOOT	100*
MODIFY EXISTING CONTROLLER CABINET	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	4
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	6
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	16
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

* NOMINAL QUANTITY OF DETECTOR LOOP TO BE INCLUDED FOR INCIDENTAL WORK WHERE EXISTING DETECTOR LOOP IMPACTED, THIS QUANTITY MAY NOT BE USED AND CAN BE USED AT THE DISCRETION OF THE IDOT PROJECT ENGINEER.

TS 1503
ECON 14

MODEL: Touhy ave at St. Louis-2 [Sheet]
FILE NAME: c:\pw_work\pwidot\hassamn\d0905386\D1080122-sht-TS.dgn

USER NAME = naveed.hassan	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 1/24/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
W TOUHY AVENUE AT N ST LOUIS AVENUE

SCALE: | SHEET 18 OF 22 SHEETS | STA. | TO STA.

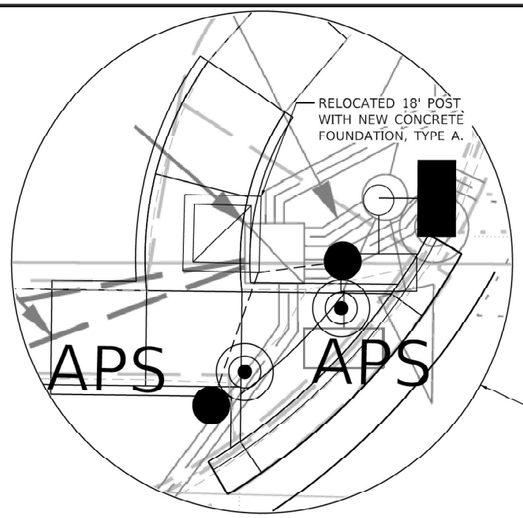
F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	113
		CONTRACT NO. 62R02		
		ILLINOIS	FED. AID PROJECT	

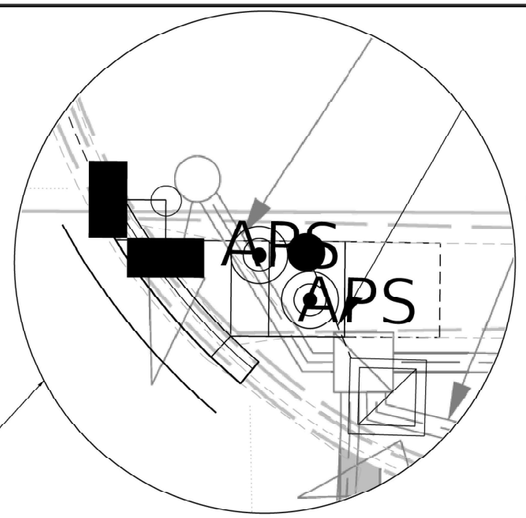
NOTES:

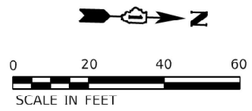
1. THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE.THE SALVAGE VALUE OF THE REMOVAL EQUIPMENT SHALLBE REFLECTED IN THE CONTRACT BID PRICE.

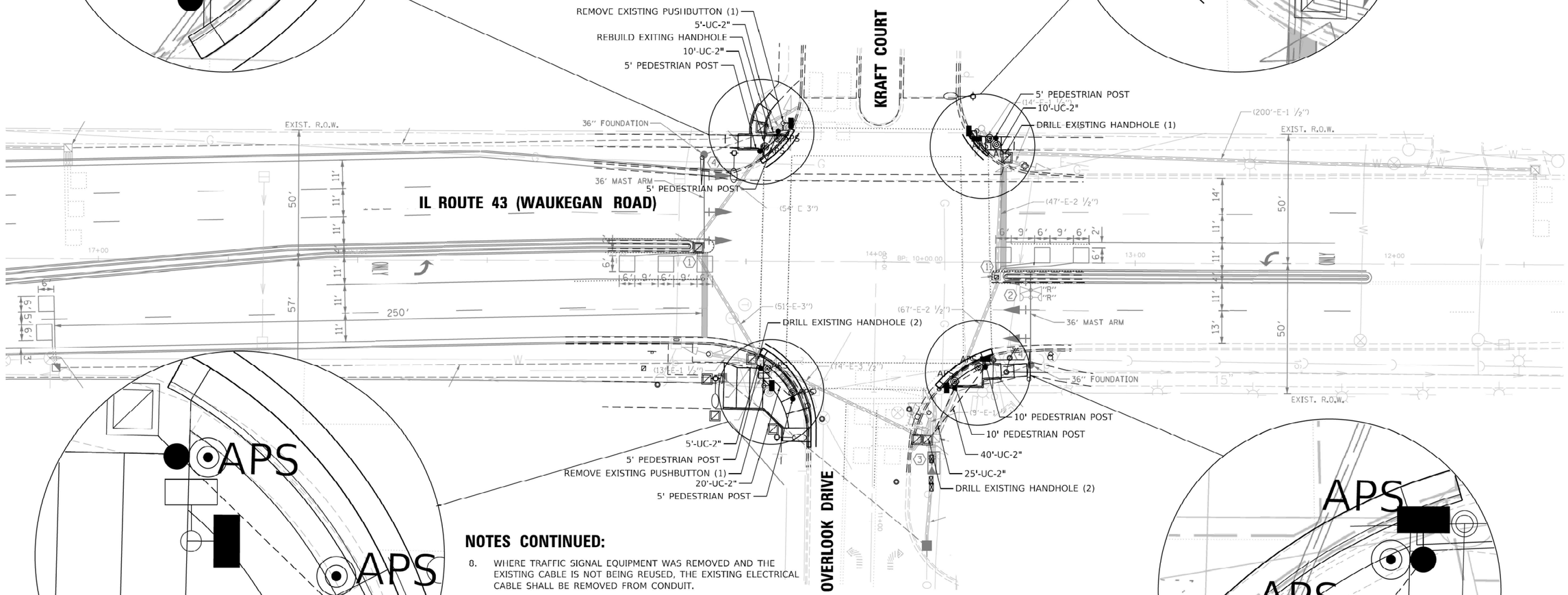
   2 EACH PEDESTRIAN PUSHBUTTON

2. ALL EXISTING PEDESTRIAN PUSH-BUTTONS SHALL BE REMOVED.
3. CONTRACTOR SHALL PERFORM SIGNAL WORK IN SUCH A WAY AS TO MINIMIZE THE TIME THE EXISTING PEDESTRIAN EQUIPMENT IS INOPERATIONAL.
4. CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE PEDESTRIAN EQUIPMENT BEFORE INSTALLATION WITH THE TRAFFIC SIGNAL AREA ENGINEER BEFORE INSTALLATION.
5. DIMENSIONS SHOWN ARE FROM CENTER OF POST TO BACK OF CURB AND ARE APPROXIMATE AND PLACEMENT OF THE POST SHALL BE VERIFIED WITH THE ENGINEER PRIOR TO THE START OF WORK
6. APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSS WALK.
7. STATIONING SHOWN ON THE TRAFFIC SIGNAL PLAN ARE FROM RECORD DRAWINGS AND MAY NOT MATCH OTHER PLANS.









NOTES CONTINUED:

8. WHERE TRAFFIC SIGNAL EQUIPMENT WAS REMOVED AND THE EXISTING CABLE IS NOT BEING REUSED, THE EXISTING ELECTRICAL CABLE SHALL BE REMOVED FROM CONDUIT.
9. THE CONTRACTOR SHALL UTILIZE THE EXISTING UNIDUCT FOR THE PROPOSED LOOP DETECTORS.
10. PUSH-BUTTON EXTENSIONS ARE REQUIRED WHERE PEDESTRIAN PUSH-BUTTON LOCATIONS/INSTALLATIONS DO NOT MEET THE REQUIREMENTS OF THE MUTCD OR THE INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILD AND FACILITIES". THE PUSH-BUTTON EXTENSIONS SHALL BE INCLUDED IN THE COST OF THE ACCESSIBLE PEDESTRIAN SIGNALS.
11. THE CONTRACTOR SHALL REMOVE THE EXISTING POST FOUNDATION IN ITS ENTIERETY, PAID FOR AS 89502385 REMOVE EXISTING CONCRETE FOUNDATION (EACH). THE HOLE SHALL BE BACKFILLED WITH SUITABLE MATERIAL APPROVED BY THE ENGINEER. THE SURFACE OF THE FILLED HOLE SHALL BE TREATED TO MATCH THE SURROUNDING AREA. ALL BACKFILL MATERIAL, LABOR AND EQUIPMENT TO RESTORE THE SITE SHALL BE INCLUDED IN THE COST OF THE FOUNDATION REMOVAL.
12. NOMINAL QUANTITIY OF DETECTOR LOOP TO BE INCLUDED FOR INCIDENTAL WORK WHERE EXISTING DETECTOR LOOP IMPACTED, THIS QUANTITY MAY NOT BE USED AND CAN BE USED AT THE DISCRETION FO THE IDOT PROJECT ENGINEER.

TS 21855
ECON 83

MODEL: IL-43 at Kraft Overlook [Sheet]
FILE NAME: c:\pw_workpw\dothassmn\d0503389D1108222-sht-TS.dgn

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

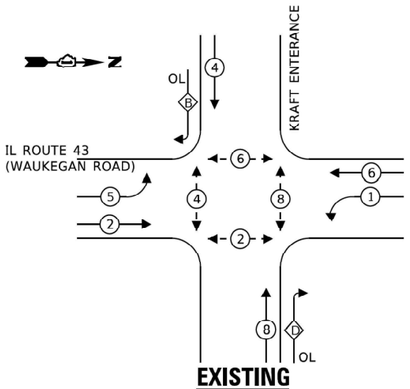
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLAN
IL ROUTE 43 (WAUKEGAN ROAD) AT KRAFT COURT/OVERLOOK DRIVE

SCALE: | SHEET 19 OF 22 SHEETS | STA. | TO STA.

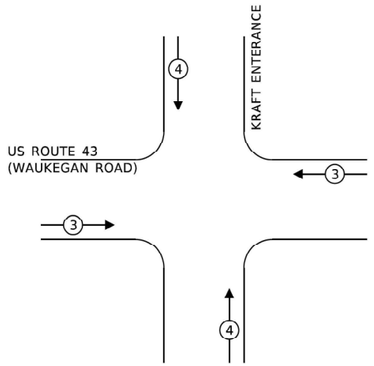
F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	114
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			

EXISTING CONTROLLER SEQUENCE



EXISTING
PHASE DESIGNATION DIAGRAM

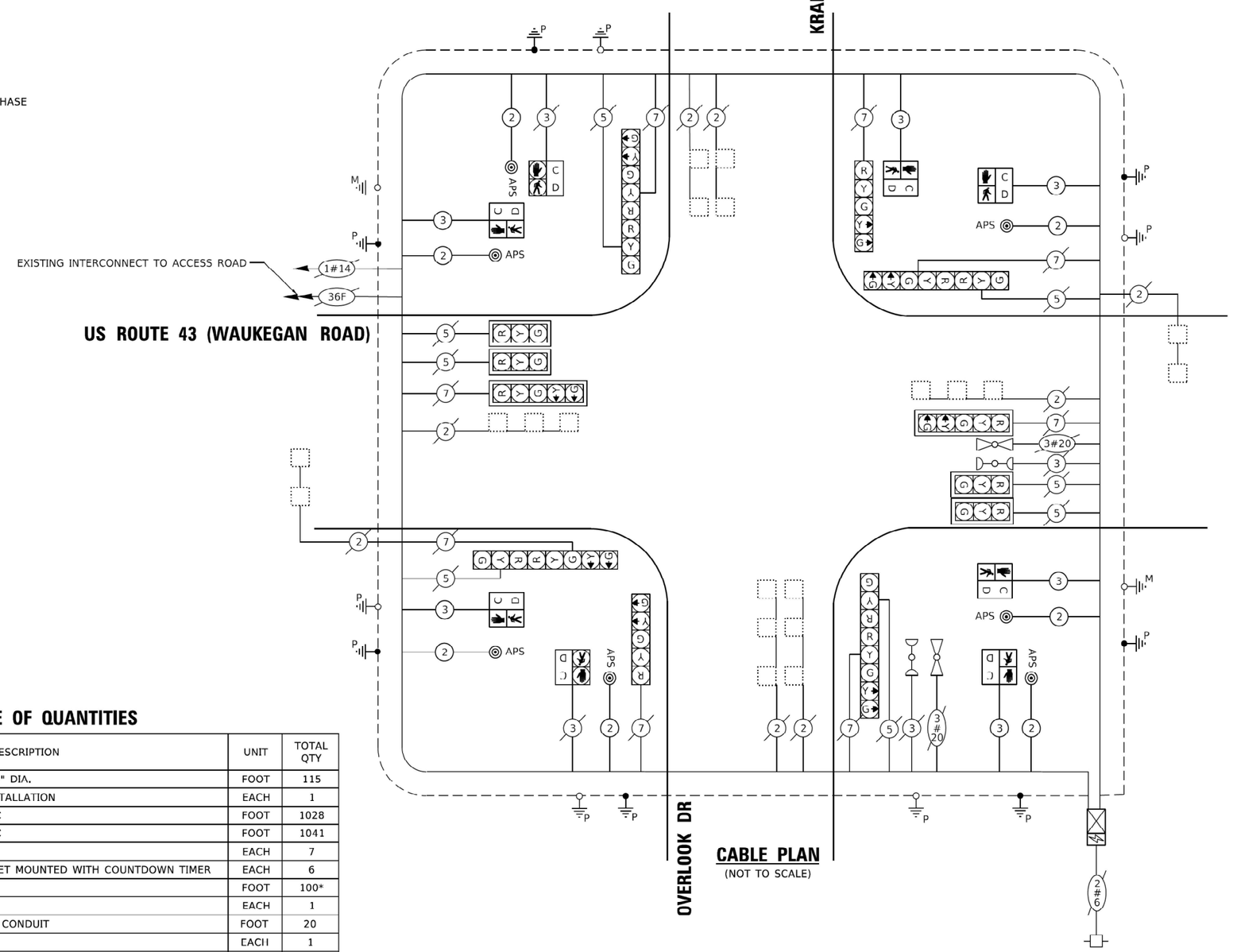
EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE



LEGEND:

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

OVERLAP LETTER		PERMISSIVE PHASE		PROTECTED PHASE
B	=	4	+	5
D	=	8	+	1



CABLE PLAN
(NOT TO SCALE)

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	16	11	50	88
(YELLOW)	16	20	5	16
(GREEN)	16	12	45	86.4
PERMISSIVE ARROW	16	10	10	16
PED. SIGNAL	8	20	100	160
CONTROLLER	1	100	100	100
UPS	1	25	100	25
VIDEO SYSTEM	-	115	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	285	50	-
			TOTAL =	491.4

ENERGY COSTS TO:

MUNICIPALITY
STREET
CITY, IL ZIPCODE

ENERGY SUPPLY: CONTACT: NAME
PHONE: TELEPHONE
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: ---

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	TOTAL QTY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	115
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1028
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1041
DRILL EXISTING HANDHOLE	EACH	7
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	6
DETECTOR LOOP, TYPE I	FOOT	100*
MODIFY EXISTING CONTROLLER CABINET	EACH	1
REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	20
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	6
PEDESTRIAN SIGNAL POST, 10 FT.	EACH	2
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	32
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1
REBUILD EXISTING HANDHOLE	EACH	1

* NOMINAL QUANTITY OF DETECTOR LOOP TO BE INCLUDED FOR INCIDENTAL WORK WHERE EXISTING DETECTOR LOOP IMPACTED, THIS QUANTITY MAY NOT BE USED AND CAN BE USED AT THE DISCRETION OF THE IDOT PROJECT ENGINEER.

TS 21855
ECON 83

MODEL: IL-43 at Kraft Overlook-1 [Sheet]
FILE NAME: c:\pw_work\dot\hassamn\d0903386\D1068122-sht-TS.dgn

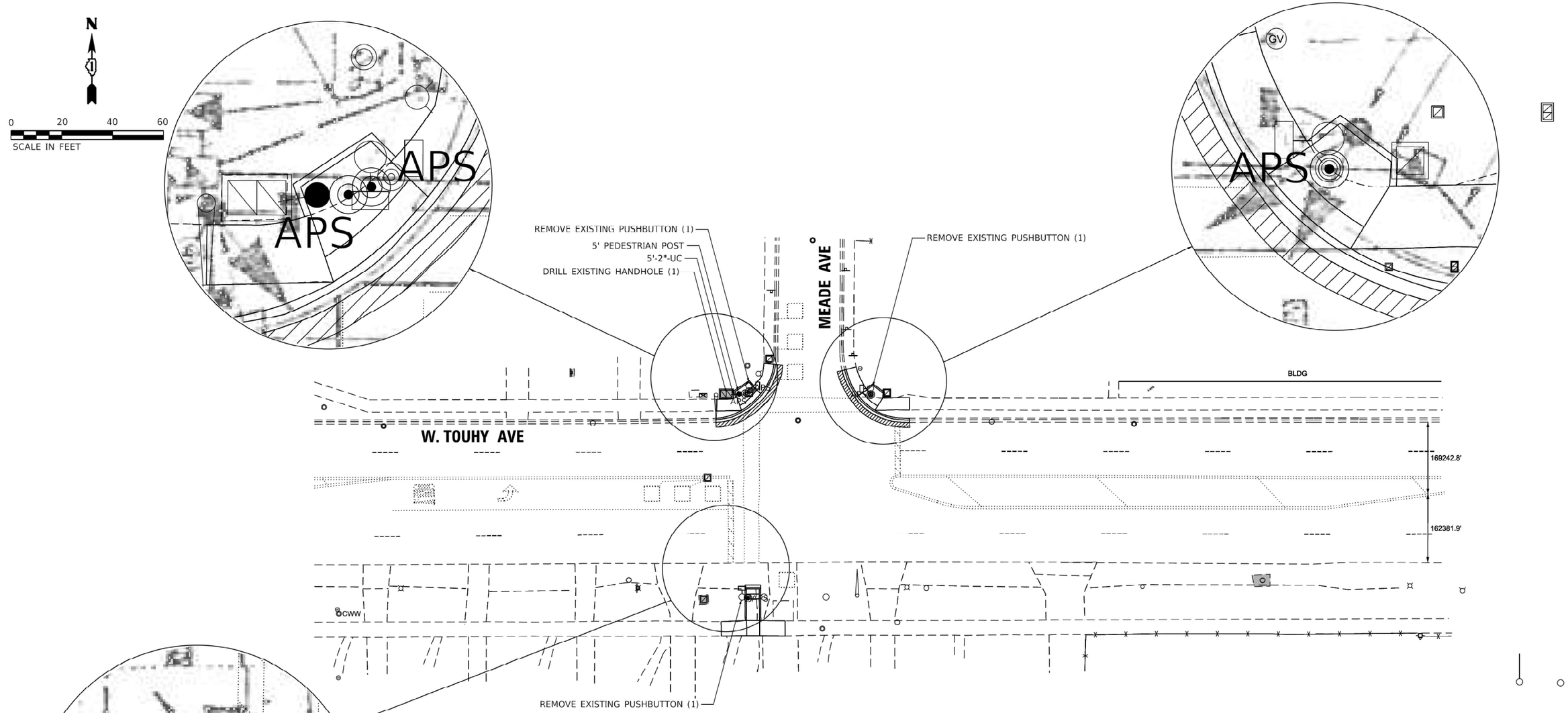
USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
US ROUTE 43 (WAUKEGAN ROAD) AT KRAFT COURT/OVERLOOK DRIVE

SCALE: | SHEET 20 OF 22 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	115
		CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			



NOTES:

1. 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 REMOVAL EQUIPMENT SHALLBE REFLECTED IN THE CONTRACT BID PRICE.

   3 EACH PEDESTRIAN PUSH-BUTTON

2. ALL EXISTING PEDESTRIAN PUSH-BUTTONS SHALL BE REMOVED.
3. CONTRACTOR SHALL PERFORM SIGNAL WORK IN SUCH A WAY AS TO MINIMIZE THE TIME THE EXISTING PEDESTRIAN EQUIPMENT IS INOPERATIONAL.
4. CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE PEDESTRIAN EQUIPMENT BEFORE INSTALLATION WITH THE TRAFFIC SIGNAL AREA ENGINEER BEFORE INSTALLATION.
5. DIMENSIONS SHOWN ARE FROM CENTER OF POST TO BACK OF CURB AND ARE APPROXIMATE AND PLACEMENT OF THE POST SHALL BE VERIFIED WITH THE ENGINEER PRIOR TO THE START OF WORK
6. APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSS WALK.
7. STATIONING SHOWN ON THE TRAFFIC SIGNAL PLAN ARE FROM RECORD DRAWINGS AND MAY NOT MATCH OTHER PLANS.
8. WHERE TRAFFIC SIGNAL EQUIPMENT WAS REMOVED AND THE EXISTING CABLE IS NOT BEING REUSED, THE EXISTING ELECTRICAL CABLE SHALL BE REMOVED FROM CONDUIT.
9. THE CONTRACTOR SHALL UTILIZE THE EXISTING UNIDUCT FOR THE PROPOSED LOOP DETECTORS.
10. PUSH-BUTTON EXTENSIONS ARE REQUIRED WHERE PEDESTRIAN PUSH-BUTTON LOCATIONS/INSTALLATIONS DO NOT MEET THE REQUIREMENTS OF THE MUTCD OR THE INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILD AND FACILITIES". THE PUSH-BUTTON EXTENSIONS SHALL BE INCLUDED IN THE COST OF THE ACCESSIBLE PEDESTRIAN SIGNALS.
11. THE CONTRACTOR SHALL REMOVE THE EXISTING POST FOUNDATION IN ITS ENTIRETY, PAID FOR AS 89502385 REMOVE EXISTING CONCRETE FOUNDATION (EACH). THE HOLE SHALL BE BACKFILLED WITH SUITABLE MATERIAL APPROVED BY THE ENGINEER. THE SURFACE OF THE FILLED HOLE SHALL BE TREATED TO MATCH THE SURROUNDING AREA. ALL BACKFILL MATERIAL, LABOR AND EQUIPMENT TO RESTORE THE SITE SHALL BE INCLUDED IN THE COST OF THE FOUNDATION REMOVAL.
12. NOMINAL QUANTITY OF DETECTOR LOOP TO BE INCLUDED FOR INCIDENTAL WORK WHERE EXISTING DETECTOR LOOP IMPACTED, THIS QUANTITY MAY NOT BE USED AND CAN BE USED AT THE DISCRETION OF THE IDOT PROJECT ENGINEER.

TS 5841
ECON 156

MODEL: Touhy Ave. at Meade Ave [Sheet]
FILE NAME: c:\pw_work\pw\dothassamn\d0505385\D108022-aht-TS.cgn

USER NAME = naveed.hassan	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 1/24/2025	DATE -	REVISED -

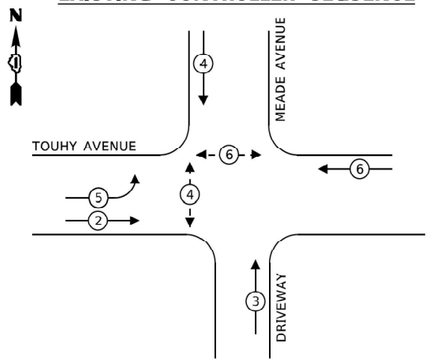
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL PLAN
W TOUHY AVENUE AT MEADE AVENUE

SCALE: | SHEET 21 OF 22 SHEETS | STA. | TO STA.

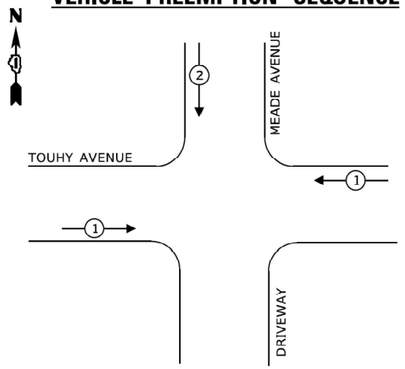
F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	116
		CONTRACT NO. 62R02		
	ILLINOIS	FED. AID PROJECT		

EXISTING CONTROLLER SEQUENCE



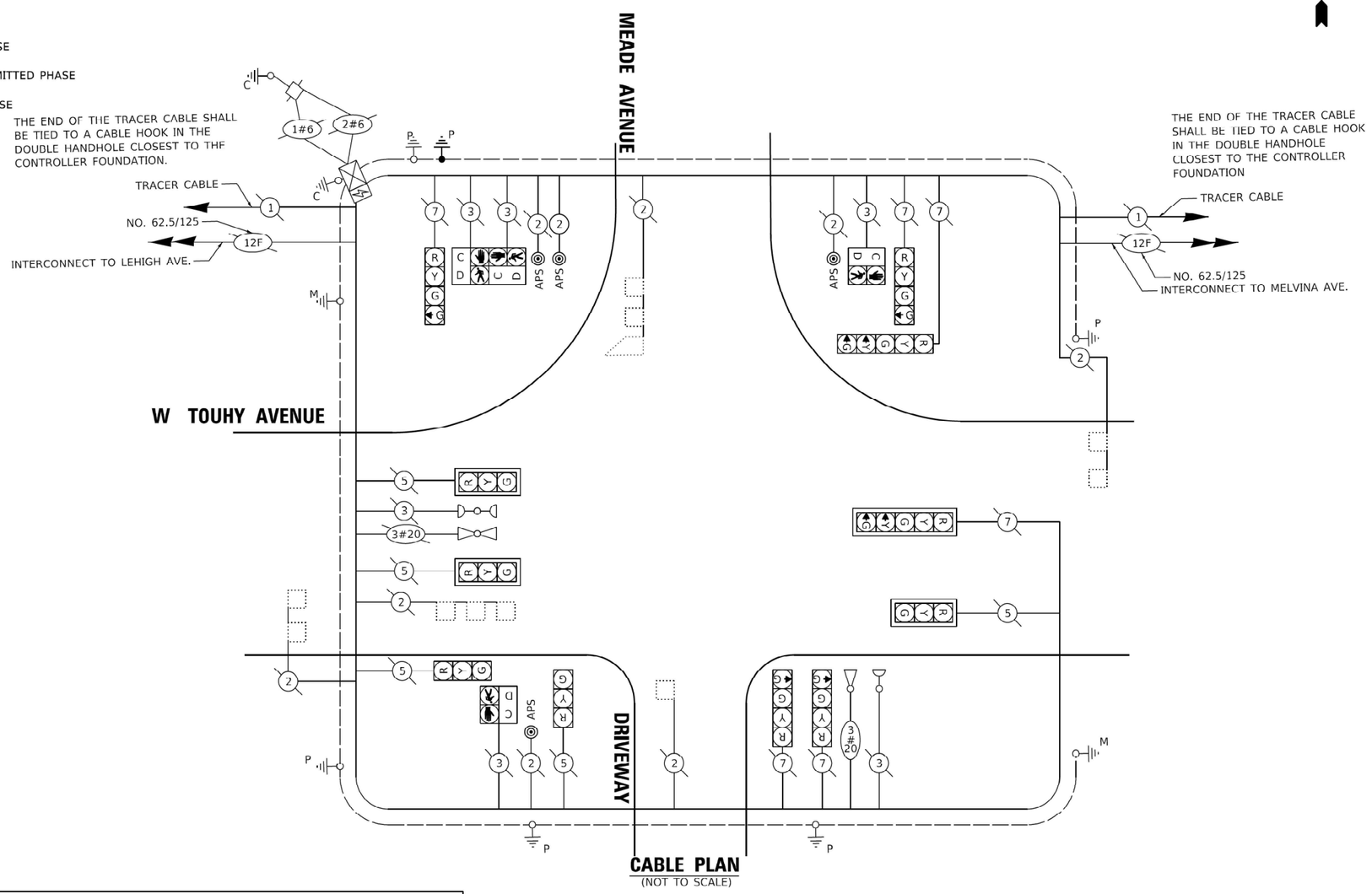
EXISTING PHASE DESIGNATION DIAGRAM

EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE



LEGEND:

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



CABLE PLAN
(NOT TO SCALE)

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	11	11	50	60.5
(YELLOW)	11	20	5	11
(GREEN)	11	12	45	59.4
PERMISSIVE ARROW	8	10	10	8
PED. SIGNAL	4	20	100	80
CONTROLLER	1	100	100	100
UPS	1	25	100	25
VIDEO SYSTEM	-	115	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	20	-
STREET NAME SIGN	-	120	20	-
LUMINAIRE	-	285	0	-
			TOTAL =	343.9

ENERGY COSTS TO:

MUNICIPALITY
STREET
CITY, IL ZIPCODE

ENERGY SUPPLY: CONTACT: NAME
PHONE: TELEPHONE
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: ---

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	TOTAL QTY
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	50
MODIFY EXISTING CONTROLLER CABINET	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	4
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1
DETECTOR LOOP, TYPE I	FOOT	100*
DRILL EXISTING HANDHOLE	EACH	1
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	4

* NOMINAL QUANTITY OF DETECTOR LOOP TO BE INCLUDED FOR INCIDENTAL WORK WHERE EXISTING DETECTOR LOOP IMPACTED, THIS QUANTITY MAY NOT BE USED AND CAN BE USED AT THE DISCRETION OF THE IDOT PROJECT ENGINEER.

TS 5841
ECON 156

MODEL: Touhy Ave. at Meade Ave-2 [Sheet]
FILE NAME: c:\pw_work\pwidot\hassamn\d0260386\D1108222-sht-TS.dgn

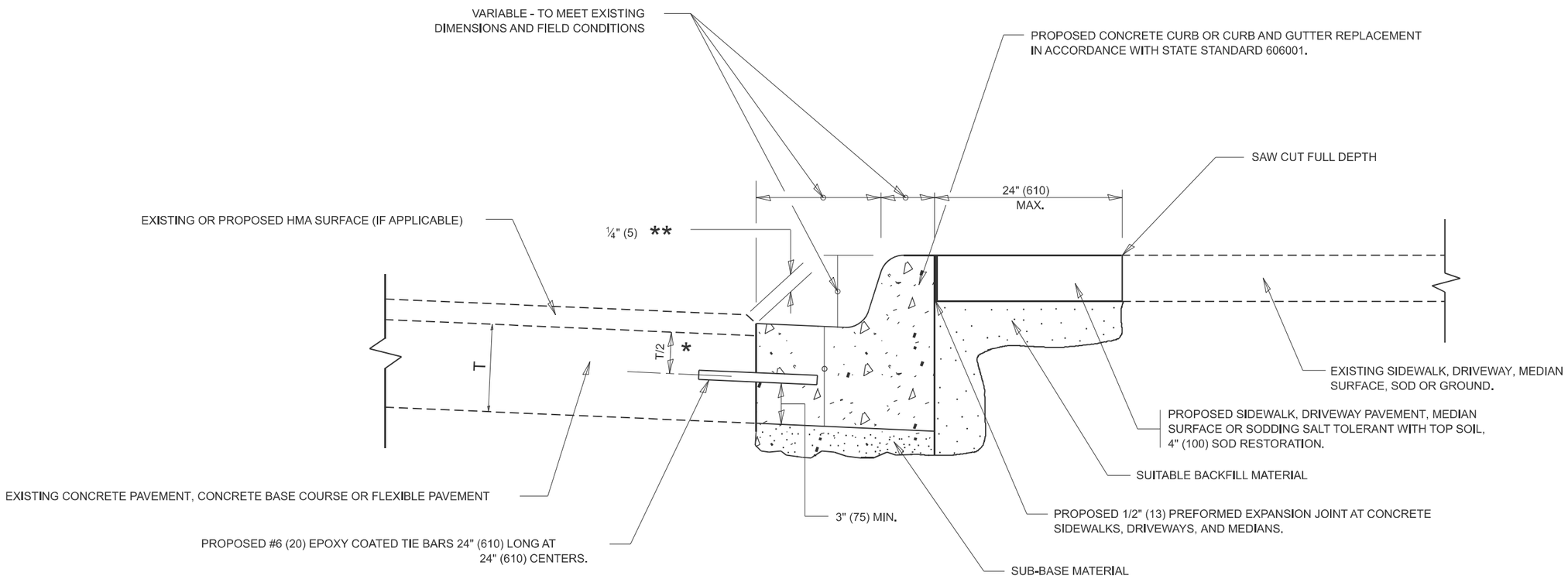
USER NAME = naveed.hassan	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
	CHECKED -	REVISED -	
PLOT DATE = 1/24/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
W TOUHY AVENUE AT MEADE AVENUE

SCALE: | SHEET 22 OF 22 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	117
		CONTRACT NO. 62R02		
		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.

MODEL: BD-24 [Sheet]
FILE NAME: c:\pw_work\pwidot\hassannd\d0905386\D1108022-sht-DistStds.dgn

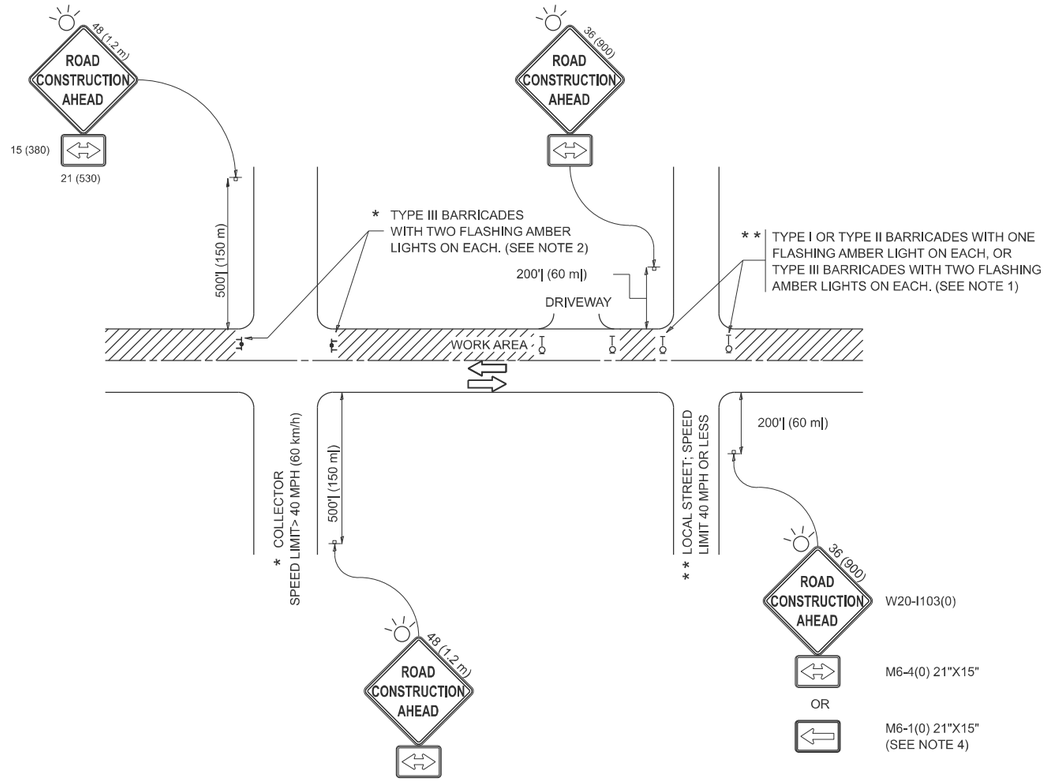
USER NAME = naveed.hassan	DESIGNED - A. HOUSEH	REVISED - A. ABBAS 03-21-97	
	DRAWN -	REVISED - M. GOMEZ 01-22-01	
PLOT SCALE = $SCALE$	CHECKED -	REVISED - R. BORO 12-15-09	
PLOT DATE = 1/24/2025	DATE - 03-11-94	REVISED - K. SMITH 07-11-19	

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.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	118
	BD600-06 (BD-24)	CONTRACT NO. 62R02		
	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.

MODEL: TC-10 [Sheet]
FILE NAME: c:\pw_work\pwidot\hassannd\d0905386\D108022-sht-DistStds.dgn

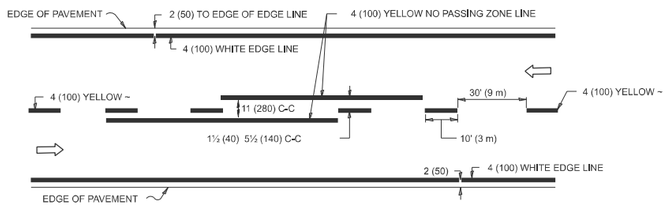
USER NAME = naveed.hassan	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96
	DRAWN -	REVISED - T. RAMMACHER 01-06-00
PLOT SCALE = $SCALE$	CHECKED -	REVISED - A. SCHUETZE 07-01-13
PLOT DATE = 1/24/2025	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

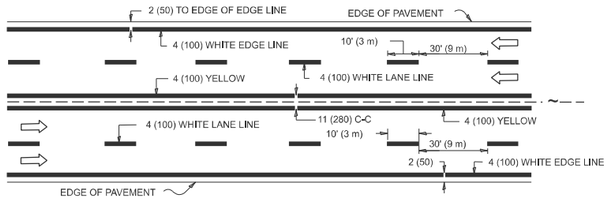
TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

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

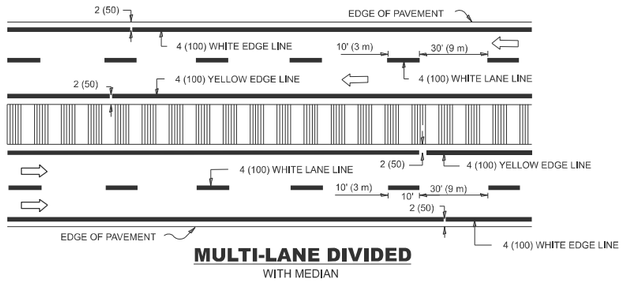
F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	119
	TC-10	CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			



2-LANE ROADWAY

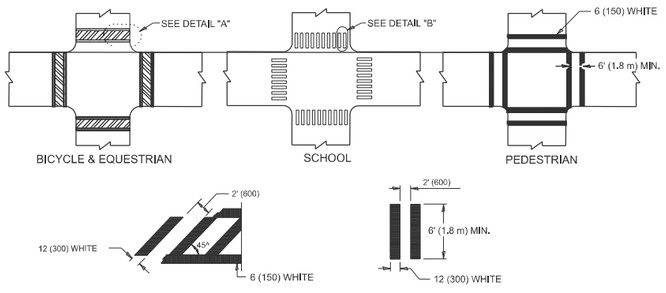


MULTI-LANE UNDIVIDED



MULTI-LANE DIVIDED
WITH MEDIAN

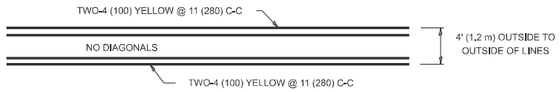
TYPICAL LANE AND EDGE LINE MARKING



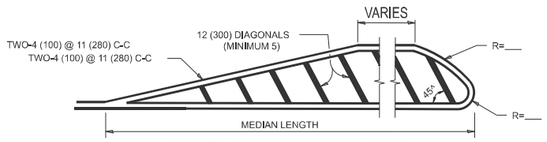
DETAIL "A" **DETAIL "B"**

TYPICAL CROSSWALK MARKING

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



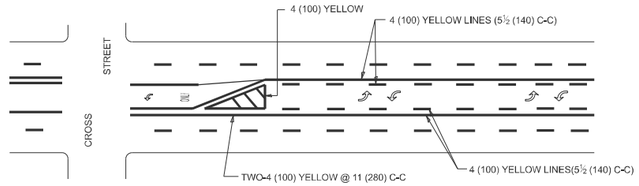
4' (1.2 m) WIDE MEDIANS ONLY



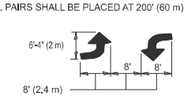
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

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

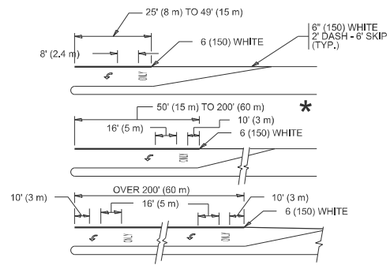


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

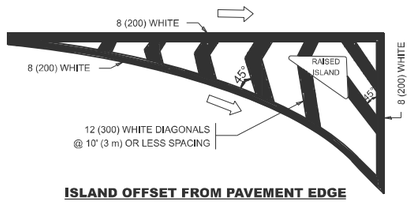


FULL SIZE LETTERS 8' (2,4 m) AND ARROWS SHALL BE USED.
AREA = 15,6 SQ. FT. (1,5 m²) ONLY AREA = 20,8 SQ. FT. (1,9 m²)

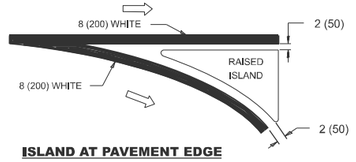
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

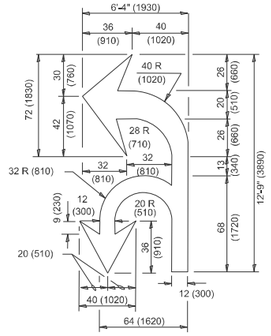


ISLAND OFFSET FROM PAVEMENT EDGE

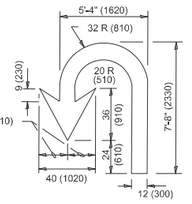


ISLAND AT PAVEMENT EDGE

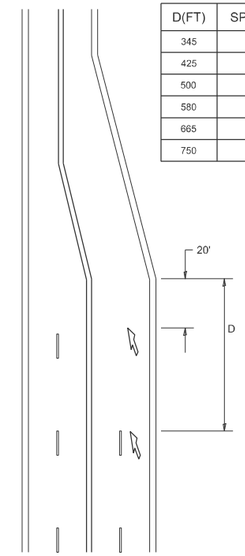
TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN



LANE REDUCTION TRANSITION

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5½ (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1,8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2,4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2,4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH: 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1,8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1,2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1,2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4,5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES: "RR" IS 6' (1,8 m) LETTERS: 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3,6 SQ. FT. (0,33 m²) EACH "X"=54,0 SQ. FT. (5,0 m²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16,3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30,4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

All dimensions are in inches (millimeters) unless otherwise shown.

MODEL: TC-13 [Sheet]
FILE NAME: c:\pw_work\pwdot\hassannd\d0905388\D1108022-sht-DistStds.dgn

USER NAME = naveed.hassan	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 = 1/24/2025	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 1 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	120
	TC-13	CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

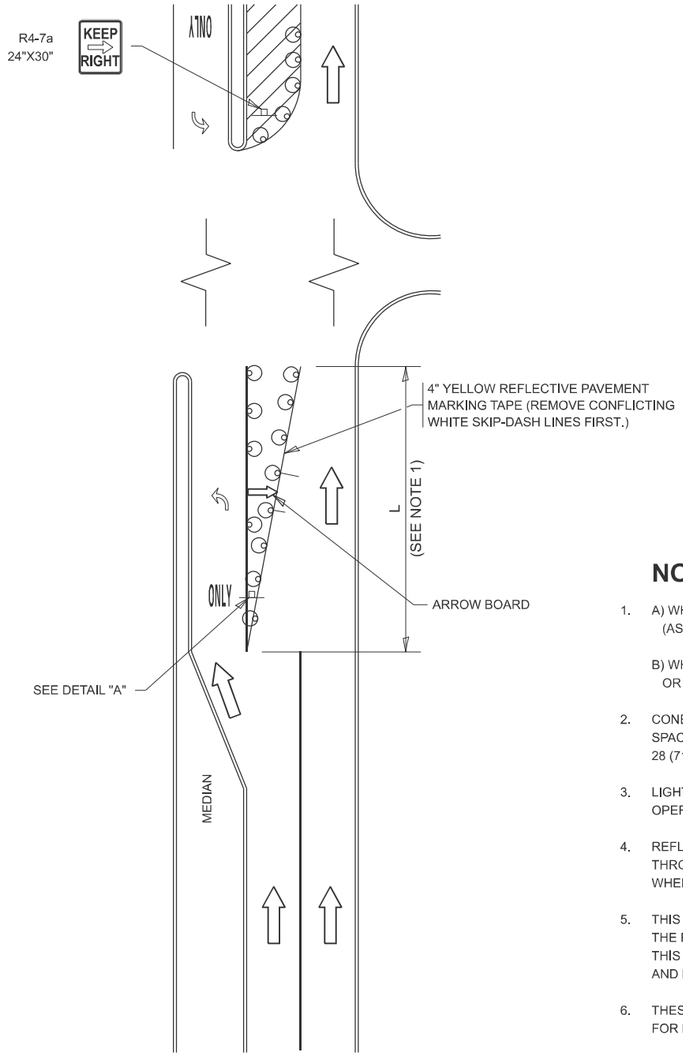


FIGURE 1

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

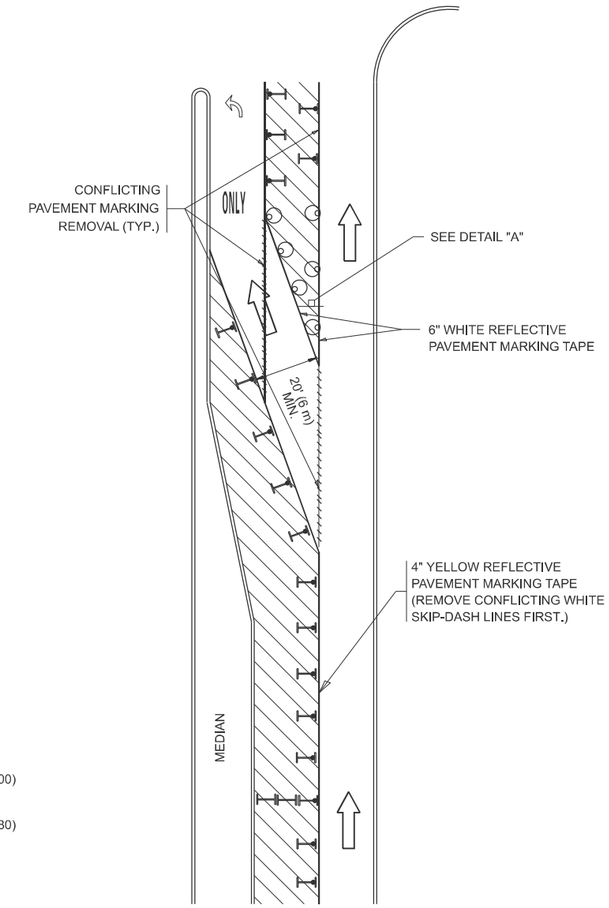
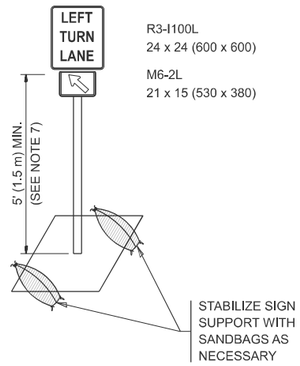


FIGURE 2



DETAIL A

All dimensions are in inches (millimeters) unless otherwise shown.

MODEL: TC-14 [Sheet]
FILE NAME: c:\pw_work\pwidot\hassamn\d0905386\D108022-sh-DistStds.dgn

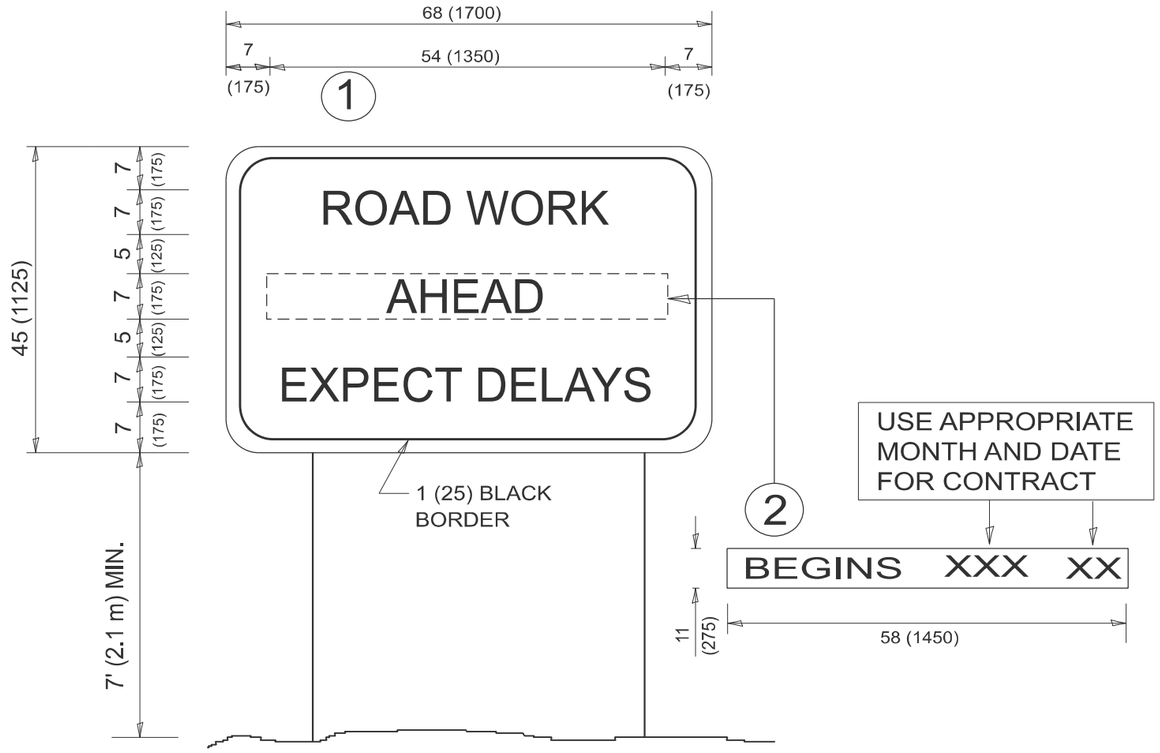
USER NAME = naveed.hassan	DESIGNED - T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09	
	DRAWN - A. HOUSEH 11-07-95	REVISED - A. SCHUETZE 07-01-13	
PLOT SCALE = $SCALE$	CHECKED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16	
PLOT DATE = 1/24/2025	DATE - T. RAMMACHER 01-06-00	REVISED -	

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.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	121
	TC-14	CONTRACT NO. 62R02		
	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: TC-22 [Sheet]
FILE NAME: c:\dw_work\pwidot\hassannd\d0905386\D108022-sht-DistStds.dgn

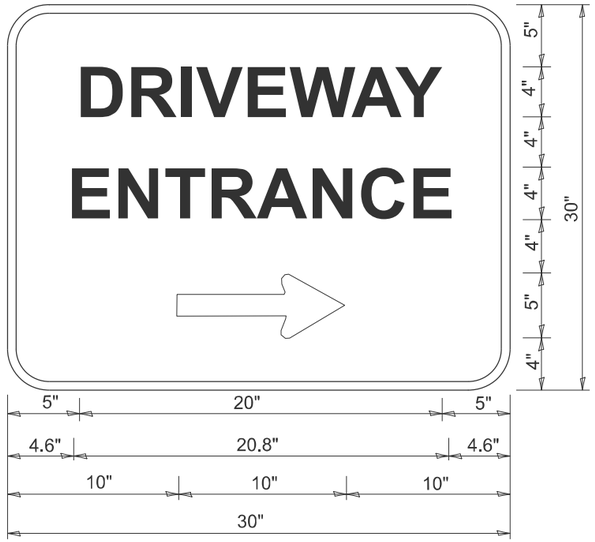
USER NAME = naveed,hassan	DESIGNED -	REVISED -	R. MIRS 09-15-97
	DRAWN -	REVISED -	R. MIRS 12-11-97
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	T. RAMMACHER 02-02-99
PLOT DATE = 1/24/2025	DATE -	REVISED -	C. JUCIUS 01-31-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ARTERIAL ROAD INFORMATION SIGN

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

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	122
	TC-22	CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			



3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED
"DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

NOTES:

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE PLACED BACK-TO-BACK: ONE WITH A RIGHT HAND ARROW (SHOWN) SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

MODEL: TC-26 [Sheet]
FILE NAME: c:\pw_work\pwidot\hassanm\d0905386\D109022-sht-DistStds.dgn

USER NAME = naveed.hassan	DESIGNED -	REVISED - C. JUCIUS 02-15-07	
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED -	REVISED -	
PLOT DATE = 1/24/2025	DATE -	REVISED -	

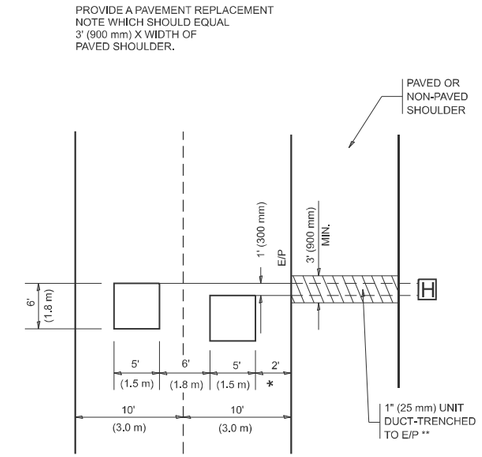
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRIVEWAY ENTRANCE SIGNING

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

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	123
	TC-26	CONTRACT NO. 62R02		
	ILLINOIS FED. AID PROJECT			

LOOPS NEXT TO SHOULDERS

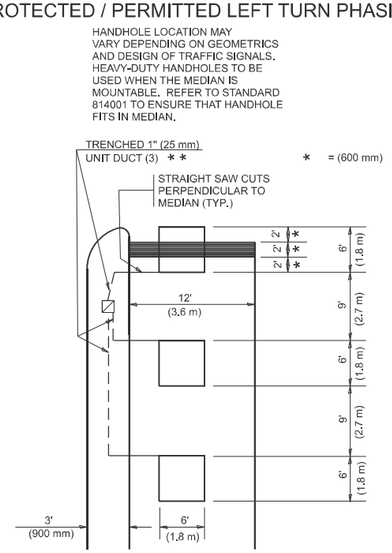


* = (600 mm)

* * 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)



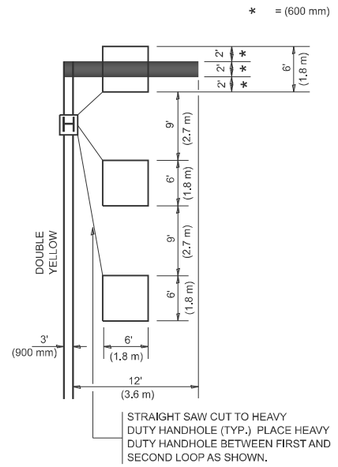
* = (600 mm)

* * 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)



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.

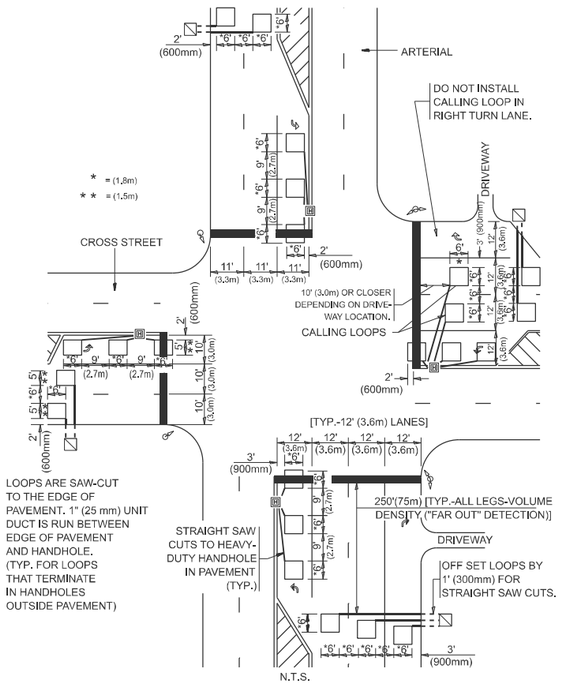
"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0 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

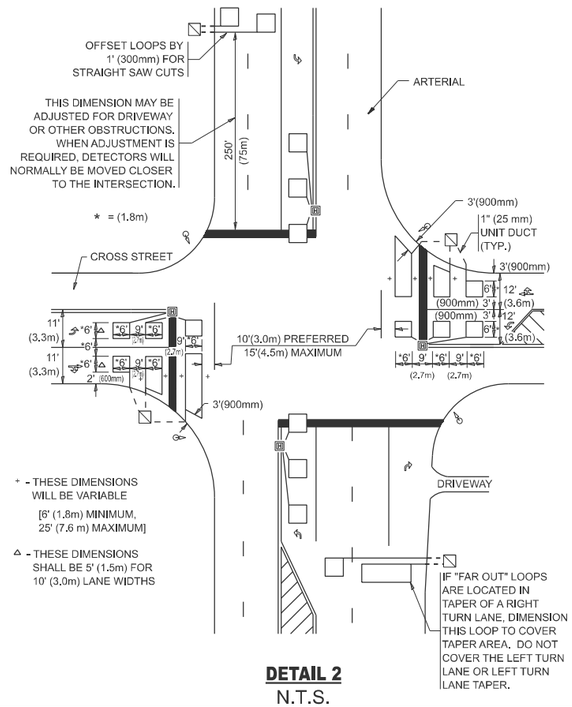
THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.

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.

USER NAME = naveed.hassan	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = $SCALE$	CHECKED - R.K.F.	REVISED -	
PLOT DATE = 1/24/2025	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 1 - DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING

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

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2021-181-SW	COOK	124	124
	TS-07	CONTRACT NO. 62R02		
		ILLINOIS FED. AID PROJECT		

MODEL: TS-07 [Sheet]
FILE NAME: c:\pw_work\pwidot\hassannn\d0905386\D1108022-sht-DistStds.dgn