

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2706	FAU 2706 22 RS	LAKE	72	1
		ILLINOIS	CONTRACT NO. 62T71	

THIS PROJECT IS LOCATED IN THE VILLAGES OF
DEERFIELD AND BANNOCKBURN

FOR INDEX OF SHEETS, SEE SHEET NO. 2

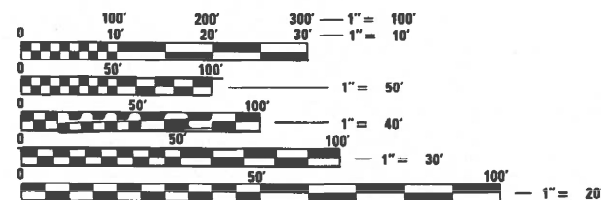
TRAFFIC DATA

POSTED SPEED LIMIT:

LAKE COOK RD TO FIRE STATION: 40 MPH
FIRE STATION TO GREENWOOD AVE: 30 MPH
GREENWOOD AVE TO DEERFIELD HS ENTRANCE: 35 MPH
DEERFIELD HS ENTRANCE TO IL 22 : 45 MPH

EXISTING ADT:

LAKE COOK RD TO DEERFIELD RD: 30,500
DEERFIELD RD TO IL 22: 18,000



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

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

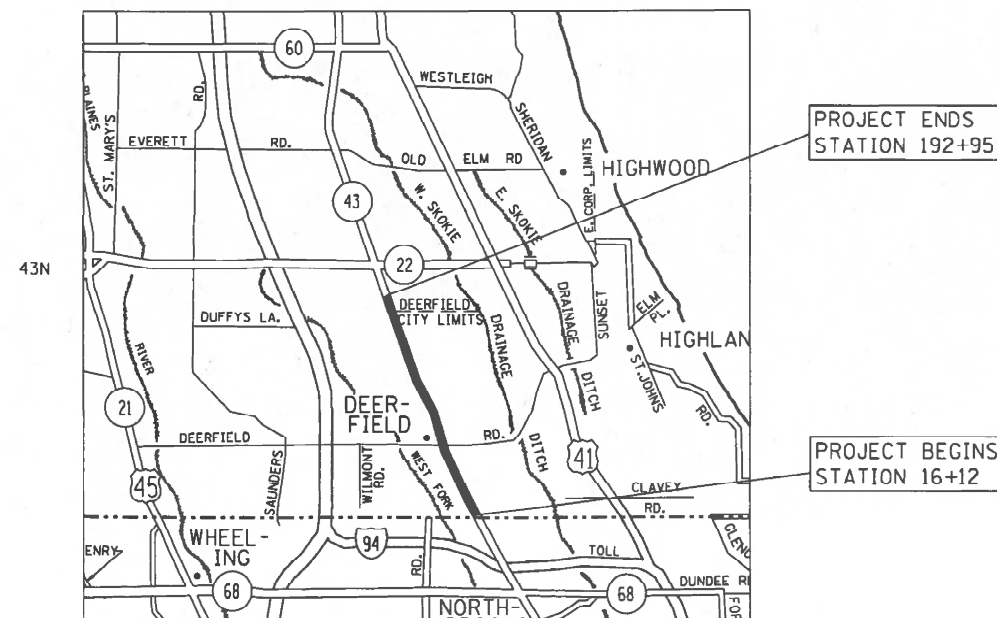
PROJECT ENGINEER: LUKASZ POCIECHA (847) 705-4255
PROJECT MANAGER: FAWAD AQUEEL

CONTRACT NO. 62T71

PROPOSED HIGHWAY PLANS

**FAU ROUTE 2706: IL 43 (WAUKEGAN RD)
SE OF HALF DAY RD TO LAKE COOK RD
SECTION FAU 2706 22 RS
PROJECT NHPP-W9P8(974)
SMART OVERLAY AND ADA IMPROVEMENTS
LAKE COUNTY**

C-91-369-22



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED June 26 20 23
Jose Luis Lopez REGIONAL ENGINEER
August 18, 2023
Se A. Etk
ENGINEER OF DESIGN AND ENVIRONMENT
August 18, 2023
Steph M. Davis
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

GROSS LENGTH = 17,683 FT. = 3.35 MILE
NET LENGTH = 17,683 FT. = 3.35 MILE

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INDEX OF SHEETS		STATE STANDARDS		GENERAL NOTES CONT.	
SHEET NO.	DESCRIPTION	STANDARD NO.	DESCRIPTION		
1	COVER SHEET			6. ANY PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS OBLITERATED BY MILLING AND RESURFACING OPERATIONS ON SIDE STREETS AND ENTRANCES SHALL BE REPLACED AND PAID FOR IN KIND.	
2	INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES	000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS		
3-7	SUMMARY OF QUANTITIES	280001-07	TEMPORARY EROSION CONTROL SYSTEMS	7. ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE DEPARTMENT.	
8-11	EXISTING CROSS SECTIONS	424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS	8. 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 SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.	
12-18	PROPOSED PLANS AND PAVEMENT MARKING PLANS	442201-03	CLASS C AND D PATCHES	9. ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.	
19-41	ADA RAMP DETAILS	602001-02	CATCH BASIN TYPE A	10. LOCATION OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT [OR COMBINATION CURB AND GUTTER (THE TYPE SPECIFIED ON THE PLANS)], WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.	
42-59	APS AND DETECTOR LOOP INSTALLATION PLAN	602601-06	PRECAST REINFORCED CONCRETE FLAT SLAB TOP	11. DRAINAGE ADJUSTMENT OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.	
60	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING (BD-08)	604001-05	FRAME AND LIDS, TYPE 1	12. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.	
61	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT (BD-22)	604006-05	FRAME AND GRATE, TYPE 3	13. FRAMES AND GRATES ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE LIMITS OF THE IMPROVEMENTS SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT.	
62	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT (BD-24)	604091-05	FRAME AND GRATE, TYPE 24	14. SIDEWALK REMOVAL AND P.C.C. SIDEWALK 5" LOCATIONS SHALL BE DETERMINED BY THE ENGINEER.	
63	BUTT JOINT AND HMA TAPER DETAILS (BD-32)	606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER	15. THE CONTRACTOR SHALL CONTACT KALPANA KANNAN-HOSADURGA, THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.	
64	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)	701101-05	OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE	16.THE ENGINEER SHALL CONTACT FADI SULTAN, AREA TRAFFIC FIELD ENGINEER, AT FADI.SULTAN@ILLINOIS.GOV A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.	
65	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT) (TC-11)	701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS GREATER OR EQUAL TO 45 MPH	17. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.	
66	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)	701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS LESS THAN OR EQUAL TO 40 MPH	18.THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF PLATED STRUCTURES BY STATION AND OFFSET LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT.	
67	SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS (TC-16)	701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN	19.THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.	
68	ARTERIAL ROAD INFORMATION SIGNING (TC-22)	701602-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN	20. EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.	
69	DRIVEWAY ENTRANCE SIGNING (TC-26)	701606-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN	21.DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.	
70	DISTRICT 1- DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING (TS-07)	701611-01	URBAN HALF ROAD CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN	22. DOUBLE LANE MARKERS ARE TO BE USED AS SHOWN ON THE DISTRICT ONE DETAIL "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" SHOWN IN THE PLANS.	
71	PROJECT DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS (PD-01)	701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION	23. EROSION CONTROL/ NO INTRUSION FENCING SHALL BE PLACED AT THE EXISTING ROW LINE AND BETWEEN THE ROADWAY AND THE DRAINAGE CHANNEL FROM STA 134+43 TO STA 139+76 TO PROTECT THE DRAINAGE CHANNEL AT THE NW CORNER OF IL 43 AND NORTH AVE.	
72	PROJECT DETAIL FOR DOUBLE PERPENDICULAR CURB RAMPS (PD-03)	701801-06	SIDEWALK, CORNER, OR CROSSWALK CLOSURE	24. ADA WORK DELINEATED FROM THE MAINLINE BY A DEPRRESSED CURB IS TO BE COMPLETED IN THIS PROJECT. ANY RESTORATION THAT IS REQUIRED ADJACENT TO THE CURB AND GUTTER WILL BE PAID FOR UNDER CLASS D PATCH.	
				25. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGES TO VISIBLE SPRINKLER HEADS DURING ADA WORK.	
				26. USE PROPOSED PAVEMENT MARKINGS ON ROADWAY PLAN AND NOT ON ADA SHEETS.	
				27. THE "ROAD CONSTRUCTION AHEAD" SIGNS SHALL REMAIN INSTALLED UNTIL THE COMPLETION OF THE PROJECT OR WHEN NO ROADWAY HAZARDS REMAIN IN THE WORK ZONE.	

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE						SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE										
CODE NO	ITEM	UNIT		80% FED 20% STATE 0005	100% STATE 0005	80% FED 20% STATE 0021				CODE NO	ITEM	UNIT		80% FED 20% STATE 0005	100% STATE 0005	80% FED 20% STATE 0021								
20200100	EARTH EXCAVATION	CU YD	305	305						40600400	MIXTURE FOR CRACKS, JOINTS, AND	TON	163	163										
											FLANGEWAYS													
20800150	TRENCH BACKFILL	CU YD	9	9																				
										40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT	SQ YD	393	393										
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	1248	1248							JOINT													
21400100	GRADING AND SHAPING DITCHES	FOOT	1500	1500						40604060	HOT-MIX ASPHALT SURFACE COURSE, 1L-9.5,	TON	16	16										
											MIX "D", N50													
25000210	SEEDING, CLASS 2A	ACRE	0.2	0.2																				
										40605026	POLYMERIZED HOT-MIX ASPHALT SURFACE	TON	10613	10613										
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	6.8	6.8							COURSE, STONE MATRIX ASPHALT, 9.5, MIX													
											"F", N80													
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	6.8	6.8																				
										42001300	PROTECTIVE COAT	SQ YD	1912	1912										
25100630	EROSION CONTROL BLANKET	SQ YD	1000	1000																				
										42300400	PORTLAND CEMENT CONCRETE DRIVEWAY	SQ YD	166	166										
25200110	SODDING, SALT TOLERANT	SQ YD	1248	1248							PAVEMENT, 8 INCH													
25200200	SUPPLEMENTAL WATERING	UNIT	5.5	5.5						42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5	SQ FT	8456	8456										
											INCH													
28000400	PERIMETER EROSION BARRIER	FOOT	540	540																				
										42400800	DETECTABLE WARNINGS	SQ FT	1041	1041										
28100107	STONE RIPRAP, CLASS A4	SQ YD	1200	1200																				
										44000156	HOT-MIX ASPHALT SURFACE REMOVAL, 1	SQ YD	108288	108288										
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	140	140							3/4"													
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	48730	48730						44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	306	306										
40600370	LONGITUDINAL JOINT SEALANT	FOOT	63344	63344						44000600	SIDEWALK REMOVAL	SQ FT	7461	7461										
											* SPECIALTY ITEM													
FILE NAME =			USER NAME = connor.mullane		DESIGNED -		REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			IL 43 (WAUKEGAN RD) SOUTH OF IL 22 TO LAKE COOK RD SUMMARY OF QUANTITIES			F.A. RTE. 2706		SECTION FAU 2706 22 RS		COUNTY LAKE	TOTAL SHEETS 72	SHEET NO. 3			
pw:\11dot-pw\benley.com\PW\DOT\Documents\11DOT Office\11dot\11dot-pw\benley.com\Projects\DI\31522\CAD\data\Design\DI\31522-sh-5000			DRAWN -		REVISED -		CONTRACT NO. 62T71																	
PLOT SCALE = 100,0000 ' / In.			CHECKED -		REVISED -		SCALE:								SHEET NO.	OF	SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
PLOT DATE = 6/30/2023			DATE -		REVISED -																			

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE						SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		80% FED 20% STATE 0005	100% STATE 0005	80% FED 20% STATE 0021				CODE NO	ITEM	UNIT		80% FED 20% STATE 0005	100% STATE 0005	80% FED 20% STATE 0021			
44003100	MEDIAN REMOVAL	SO FT	20	20						60500050	REMOVING CATCH BASINS	EACH	1	1					
44201803	CLASS D PATCHES, TYPE II, 13 INCH	SO YD	690	690						60618750	CONCRETE MEDIAN, TYPE M-4.06	SO FT	21	21					
44201807	CLASS D PATCHES, TYPE III, 13 INCH	SO YD	114	114						* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	305	305					
44201809	CLASS D PATCHES, TYPE IV, 13 INCH	SO YD	1187	1187						* 66900530	SOIL DISPOSAL ANALYSIS	EACH	2	2					
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	3.7	3.7						* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION	L SUM	1	1					
											PLAN								
550A0330	STORM SEWERS, CLASS A, TYPE 2 10"	FOOT	12	12															
										* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION	L SUM	1	1					
55100400	STORM SEWER REMOVAL 10"	FOOT	12	12							REPORT								
60200305	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE	EACH	1	1						* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	20	20					
	3 FRAME AND GRATE																		
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	5	5															
60266600	VALVE BOXES TO BE ADJUSTED	EACH	13	13															
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	59	59															
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	10	10															
60404950	FRAMES AND GRATES, TYPE 24	EACH	7	7															
60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	5	5															
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	20	20															
											* SPECIALTY ITEM								

FILE NAME =		USER NAME = conner.mullane		DESIGNED -		REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				IL 43 (WAUKEGAN RD) SOUTH OF IL 22 TO LAKE COOK RD SUMMARY OF QUANTITIES				F.A. RTE. =	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
pw:\N\dot-pw\benfley.com\PW\DOT\Documents\DOT - Office\District\N\Projects\DI\31522\CAD\data\Design\DI\31522-sh-500		DRAWN -		REVISED -		2706	FAU 2706 22 RS									LAKE	72	4			
PLOT SCALE = 100.0000 ' / 1in		CHECKED -		REVISED -		CONTRACT NO. 62T71															
PLOT DATE = 6/30/2023		DATE -		REVISED -																	
SCALE:		SHEET NO.		OF		SHEETS		STA.		TO STA.		FED. ROAD DIST. NO. 1		ILLINOIS		FED. AID PROJECT					

SUMMARY OF QUANTITIES				TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT	80% FED 20% STATE 0005		100% STATE 0005	80% FED 20% STATE 0021			
70102635	TRAFFIC CONTROL AND PROTECTION,	L SUM	1	1					
	STANDARD 701701								
70102640	TRAFFIC CONTROL AND PROTECTION,	L SUM	1	1					
	STANDARD 701801								
70300100	SHORT TERM PAVEMENT MARKING	FOOT	39466	39466					
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	13156	13156					
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND	SO FT	1625	1625					
	SYMBOLS - PAINT								
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"-	FOOT	49369	49369					
	PAINT								
70300241	TEMPORARY PAVEMENT MARKING - LINE 6"-	FOOT	6304	6304					
	PAINT								
70300261	TEMPORARY PAVEMENT MARKING - LINE 12"-	FOOT	4012	4012					
	PAINT								
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"-	FOOT	1205	1205					
	PAINT								
70306120	TEMPORARY PAVEMENT MARKING - LINE 4" -	FOOT	19733	19733					
	TYPE III TAPE								
78000100	THERMOPLASTIC PAVEMENT MARKING -	SO FT	1625	1625					
	LETTERS AND SYMBOLS								

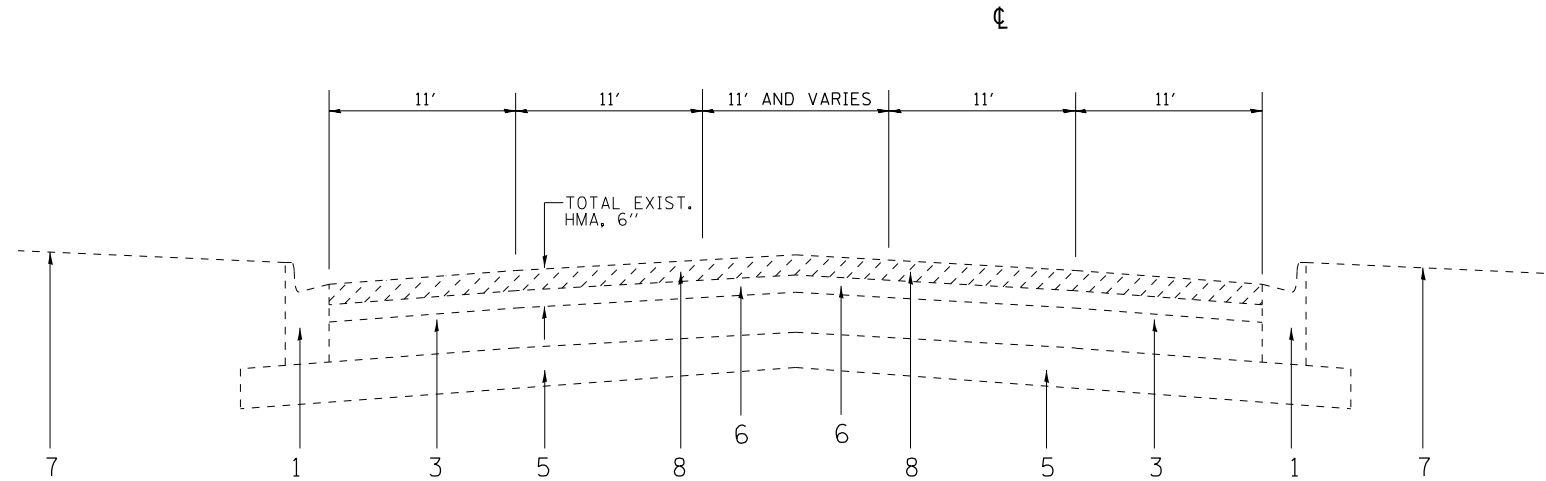
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CODE NO	ITEM	UNIT	80% FED 20% STATE 0005		100% STATE 0005	80% FED 20% STATE 0021			
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE	FOOT	49370	49370					
	4"								
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE	FOOT	7915	7915					
	6"								
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE	FOOT	2410	2410					
	12"								
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE	FOOT	1205	1205					
	24"								
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1909	1909					
78300200	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1528	1528					
	REMOVAL								
78300202	PAVEMENT MARKING REMOVAL - WATER	SO FT	33436	33436					
	BLASTING								
81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL,	FOOT	123		123				
	2" DIA.								
85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL	EACH	8		8				
	INSTALLATION								
87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO.	FOOT	2092		2092				
	14 2C								
	* SPECIALTY ITEM								

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p:\v\dot-pw\berkeley.com\PWDOT\Documents\NDOT - Office\District I\Projects\DI31522\CAQData\Design\DI31522-SH-500.DRAWN		DRAWN -	REVISED -			2706	FAU 2706 22 RS	LAKE	72	5	
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87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO.	FOOT	885			885				* X1400450	REBUILD EXISTING HEAVY-DUTY HANDHOLE	EACH	1	1															
	14 3C																												
										X2020110	GRADING AND SHAPING SHOULDERS	UNIT	2.8	2.8															
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT	FOOT	178			178																							
	GROUNDING CONDUCTOR, NO. 6 1C									X4400501	COMBINATION CURB AND GUTTER REMOVAL AND	FOOT	1776	1776															
											REPLACEMENT LESS THAN OR EQUAL TO 10																		
87900200	DRILL EXISTING HANDHOLE	EACH	6			6					FEET																		
88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE,	EACH	4			4				X4400503	COMBINATION CURB AND GUTTER REMOVAL AND	FOOT	5709	5709															
	BRACKET MOUNTED WITH COUNTDOWN TIMER										REPLACEMENT GREATER THAN 10 FEET																		
88102747	PEDESTRIAN SIGNAL HEAD, LED, 2-FACE,	EACH	1			1				X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	1000		1000														
	BRACKET MOUNTED WITH COUNTDOWN TIMER																												
										X5538000	STORM SEWERS TO BE CLEANED 18"	FOOT	500		500														
88600100	DETECTOR LOOP, TYPE I	FOOT	1437			1437																							
										X5538200	STORM SEWERS TO BE CLEANED 24"	FOOT	300		300														
89502350	REMOVE AND REINSTALL ELECTRIC CABLE	FOOT	17			17																							
	FROM CONDUIT									X6030310	FRAMES AND LIDS TO BE ADJUSTED	EACH	172	172															
											(SPECIAL)																		
89502375	REMOVE EXISTING TRAFFIC SIGNAL	EACH	7			7																							
	EQUIPMENT									X6700407	ENGINEER'S FIELD OFFICE, TYPE A (D1)	CAL MO	12	12															
89502376	REBUILD EXISTING HANDHOLE	EACH	6			6				* X8140234	REPLACE HANDHOLE COVER	EACH	5			5													
X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1			1				* X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	38			38													
X0327611	REMOVE AND REINSTALL EXISTING BRICK PAVERS	SQ FT	2000	2000						* X8780012	CONCRETE FOUNDATION, TYPE A 12-INCH	FOOT	24			24													
											DIAMETER																		
X0327989	REMOVE EXISTING BRICK PAVERS	SQ FT	585	585																									
X1400378	PEDESTRIAN SIGNAL POST, 5 FT.	EACH	6			6					* SPECIALTY ITEM																		
FILE NAME =			USER NAME = connor.mullane		DESIGNED -		REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				IL 43 (WAUKEGAN RD) SOUTH OF IL 22 TO LAKE COOK RD SUMMARY OF QUANTITIES				F.A. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.							
pw:\Nldot-pw\benfrey.com\PW\DOT\Documents\1\DOT Office\District\Projects\DI\31522\CAD\data\Design\DI\31522-sh-5000			DRAWN -		REVISED -		REVISED -										2706	FAU 2706 22 RS		LAKE	72	6							
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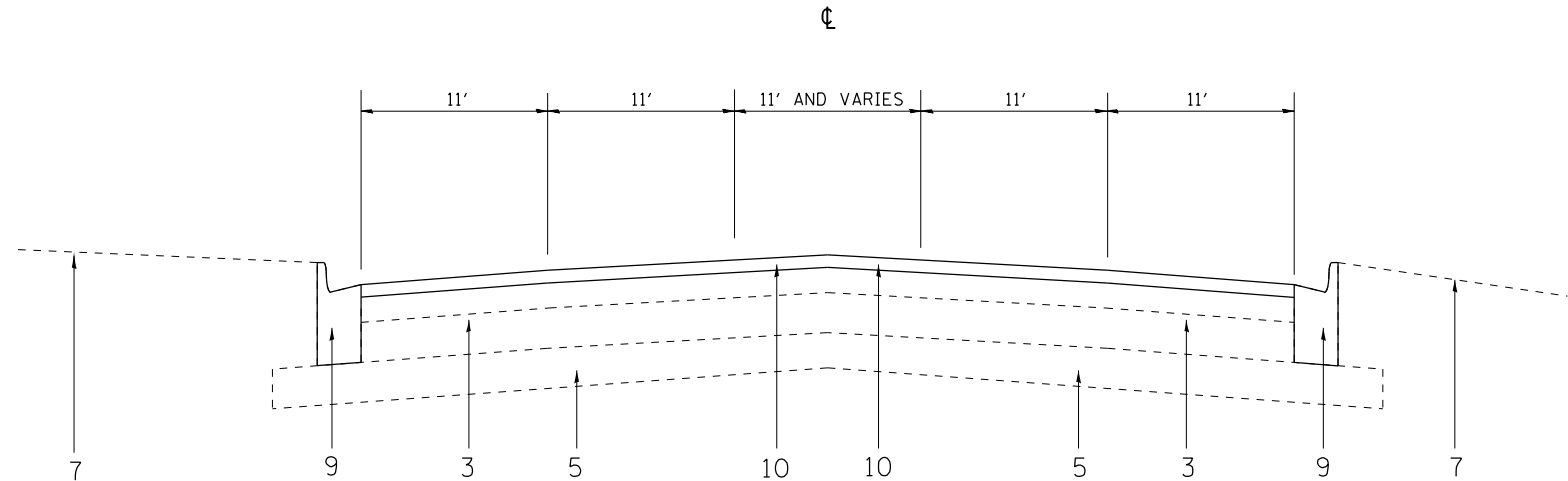
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EXISTING TYPICAL SECTION
IL 43 (WAUKEGAN RD.)
STA. 16+12 TO STA. 46+65
STA. 62+00 TO STA. 82+05

LEGEND

- 1 EXIST. COMB. CURB AND GUTTER
- 2 EXIST. COMB. CURB AND GUTTER, B-6.24 WITH PCC BASE COURSE
- 3 EXIST. PCC BASE COURSE, (±) 9"
- 4 EXIST. PCC BASE COURSE, 9"-7"-9"
- 5 EXIST. AGGREGATE SUB BASE COURSE
- 6 EXIST. REMAINING HMA AFTER MILLING, VARIES
- 7 EXIST. GRASS PARKWAY
- 8 PROP. HMA SURFACE REMOVAL, 1 3/4"
- 9 PROP. CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (DETERMINED BY ENGINEER IN FIELD)
- 10 PROP. POLYMERIZED HMA SC SMA 9.5, MIX F, N80, 1 3/4"



PROPOSED TYPICAL SECTION
IL 43 (WAUKEGAN RD.)
STA. 16+12 TO STA. 46+65
STA. 62+00 TO STA. 82+05

HOT-MIX ASPHALT MIXTURE REQUIREMENTS				
MIXTURE USES		MIXTURE TYPE	AIR VOIDS @ Ndes	QUALITY MANAGEMENT PROGRAM (QMP)
PAVEMENT RESURFACING		POLYMERIZED HMA SC SMA 9.5 MIX F N80; 1 3/4"	3.5% @ 80 GYR	PFP
PATCHING		CLASS D PATCHES (HMA BINDER IL-19.0)	4.0% @ 70 GYR	QC/QA
DRIVEWAY	BASE	HOT-MIX ASPHALT BASE COURSE, 8" (HMA BINDER IL-19.0)	4.0% @ 50 GYR	QC/QA
	SURFACE	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 2"	4.0% @ 50 GYR	QC/QA
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (QCP); PAY FOR PERFORMANCE (PFP)				

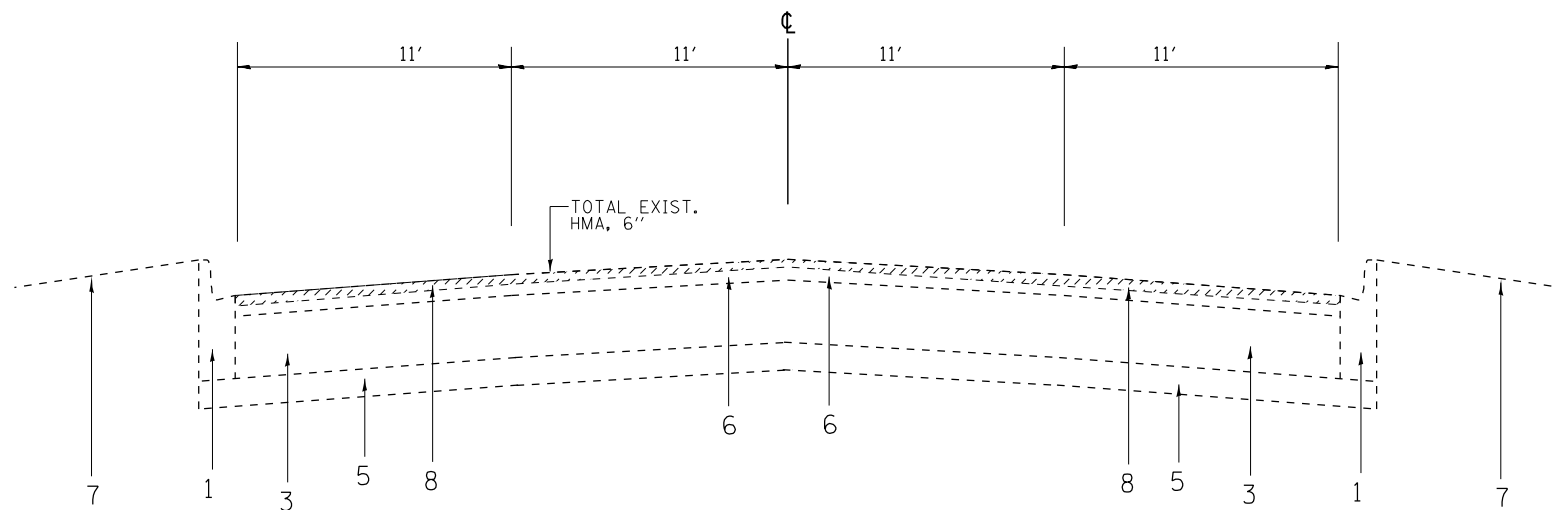
NOTE 1: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

NOTE 2: THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76 -22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64 -22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.

NOTE 3: THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE MILLED SURFACE.

NOTE 4: THE CONTRACTOR SHALL MILL FIRST THEN PATCH.

	USER NAME = conor.mullane	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 43 (WAUKEGAN RD) TYPICAL SECTIONS SOUTH OF IL 22 TO LAKE COOK RD			F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
	PLOT SCALE = 100,000' / in.	DRAWN -	REVISED -					2706	FAU 2706 22 RS	LAKE	72	8		
	PLOT DATE = 8/9/2023	CHECKED -	REVISED -		SCALE:		SHEET	OF	SHEETS	STA.	TO	STA.	CONTRACT NO. 62T71	
		DATE -	REVISED -										ILLINOIS FED. AID PROJECT	



EXISTING TYPICAL SECTION
IL 43 (WAUKEGASN RD.)

STA. 46+65 TO STA. 62+00

STA. 82+05 TO STA. 131+50

- LEGEND
- 1

EXIST. COMB. CURB AND GUTTER
- 2

EXIST. COMB. CURB AND GUTTER, B-6.24 WITH PCC BASE COURSE
- 3

EXIST. PCC BASE COURSE, (±) 9"
- 4

EXIST. PCC BASE COURSE, 9"-7"-9"
- 5

EXIST. AGGREGATE SUB BASE COURSE
- 6

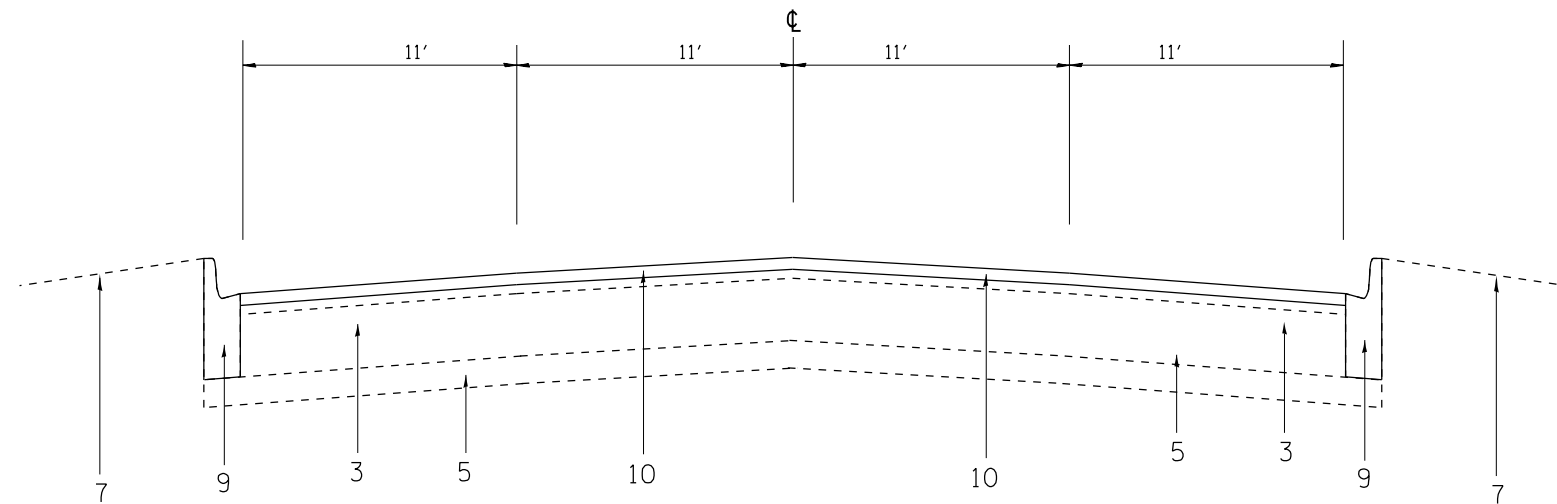
EXIST. REMAINING HMA AFTER MILLING, VARIES
- 7

EXIST. GRASS PARKWAY
- 8

PROP. HMA SURFACE REMOVAL, 1 3/4"
- 9

PROP. CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT
(DETERMINED BY ENGINEER IN FIELD)
- 10

PROP. POLYMERIZED HMA SC SMA 9.5, MIX F, N80, 1 3/4"



PROPOSED TYPICAL SECTION
IL 43 (WAUKEGASN RD.)

STA. 46+65 TO STA. 62+00

STA. 82+05 TO STA. 131+50

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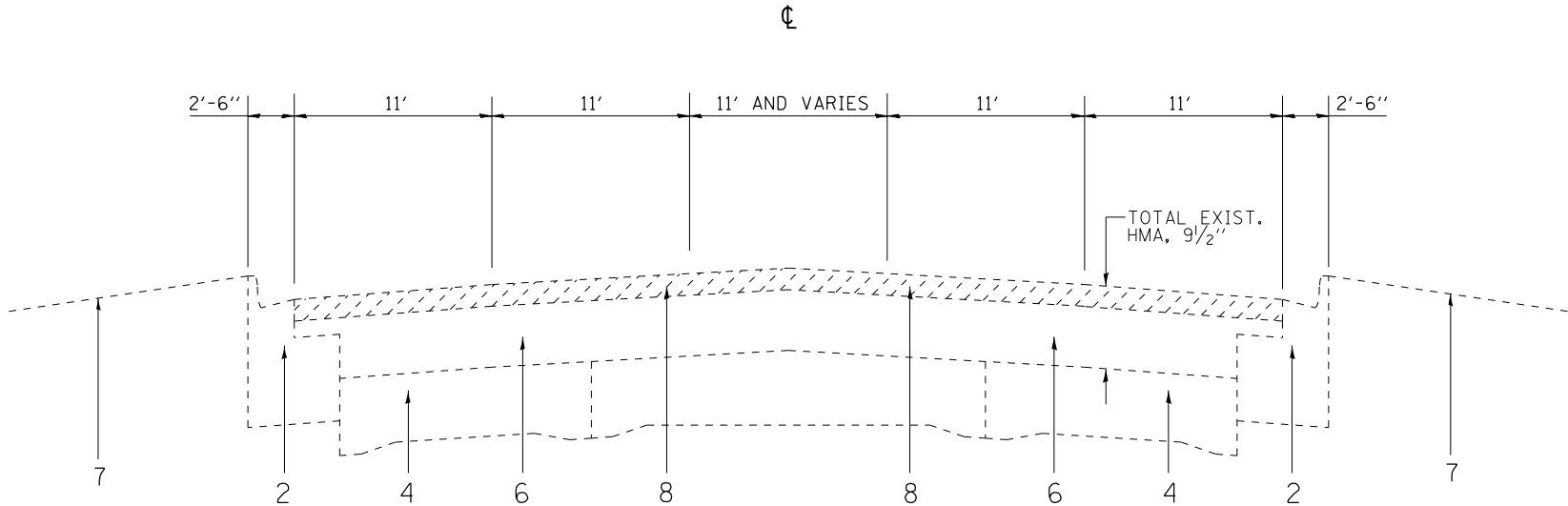
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PLOT DATE = 6/29/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 43 (WAUKEGAN RD) TYPICAL SECTIONS SOUTH OF IL 22 TO LAKE COOK RD			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

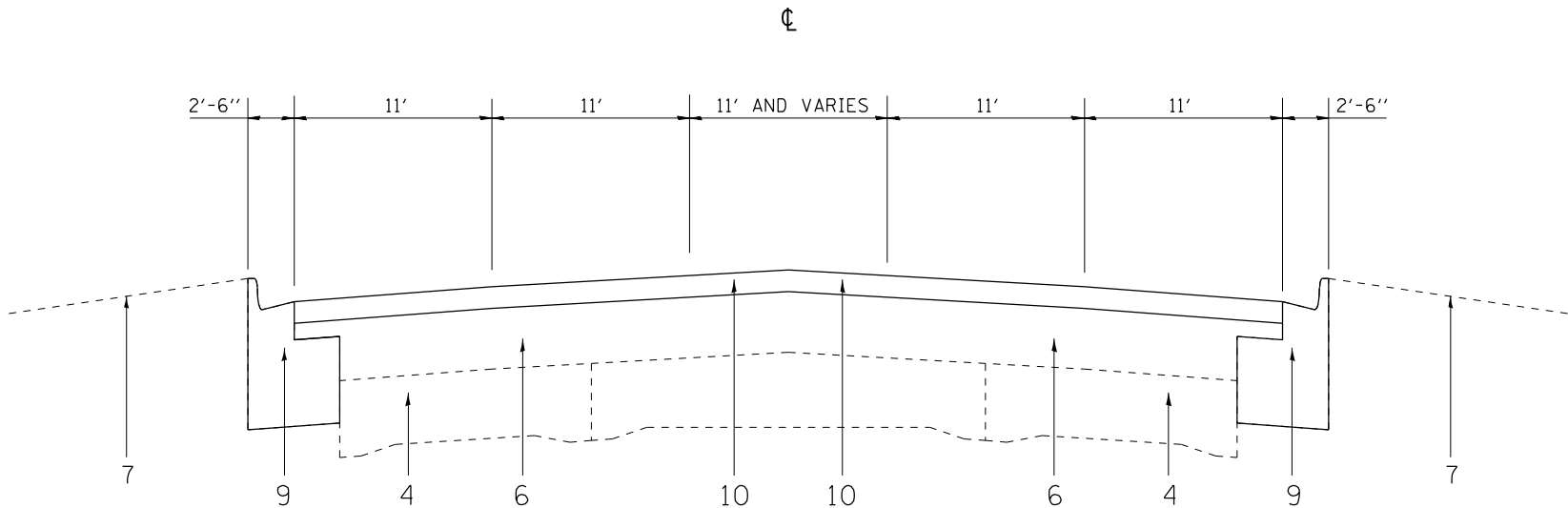
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2706	FAU 2706 22 RS	LAKE	72	9
CONTRACT NO. 62T71				
ILLINOIS FED. AID PROJECT				

LEGEND



EXISTING TYPICAL SECTION
IL 43 (WAUKEGAN RD.)
STA. 131+50 TO STA. 169+00

- 1 EXIST. COMB. CURB AND GUTTER
- 2 EXIST. COMB. CURB AND GUTTER, B-6.24 WITH PCC BASE COURSE
- 3 EXIST. PCC BASE COURSE, (±) 9"
- 4 EXIST. PCC BASE COURSE, 9"-7"-9"
- 5 EXIST. AGGREGATE SUB BASE COURSE
- 6 EXIST. REMAINING HMA AFTER MILLING, VARIES
- 7 EXIST. GRASS PARKWAY
- 8 PROP. HMA SURFACE REMOVAL, 1 3/4"
- 9 PROP. CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT
(DETERMINED BY ENGINEER IN FIELD)
- 10 PROP. POLYMERIZED HMA SC SMA 9.5, MIX F, N80, 1 3/4"

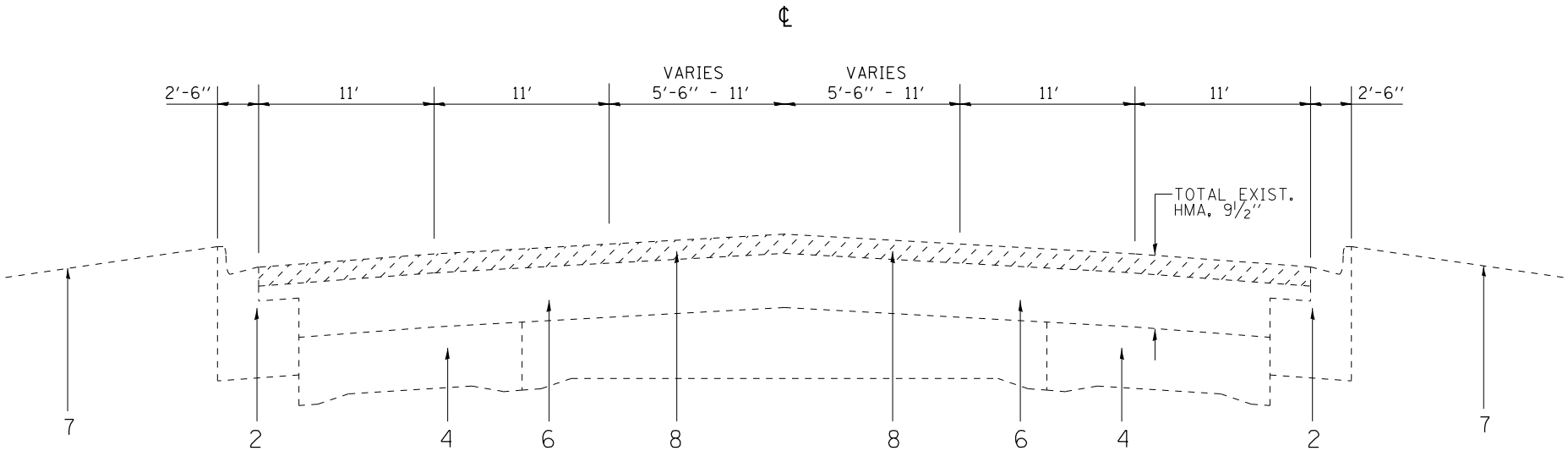


PROPOSED TYPICAL SECTION
IL 43 (WAUKEGAN RD.)
STA. 131+50 TO STA. 169+00

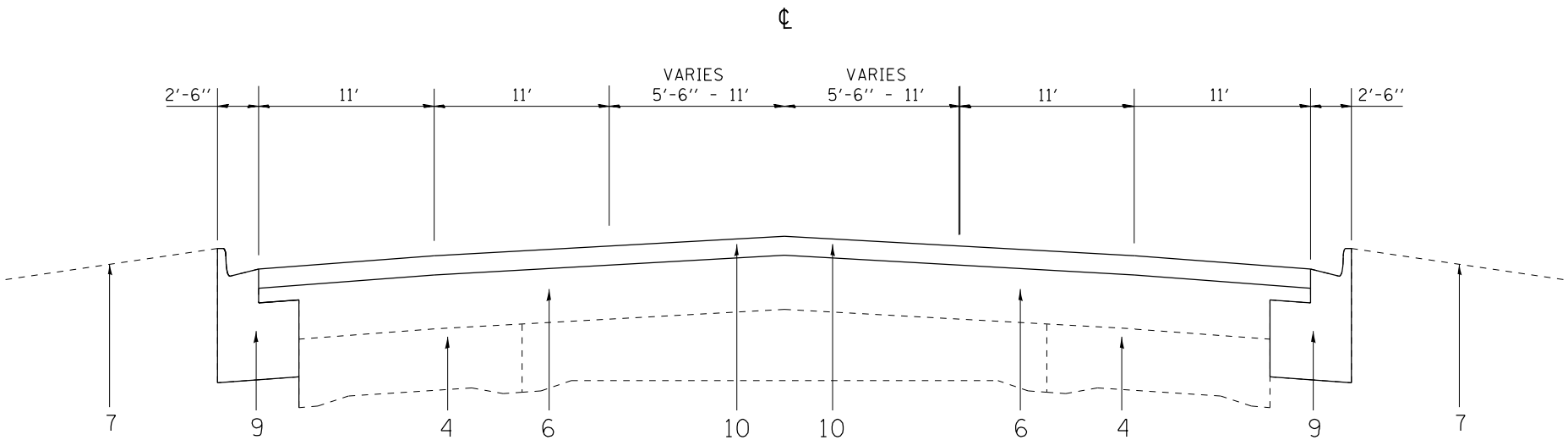
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		DRAWN -	REVISED -						2706	FAU 2706 22 RS	LAKE	72	10	
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	PLOT DATE = 6/29/2023	DATE -	REVISED -											
					SCALE:	SHEET	OF	SHEETS	STA.	TO STA.				
													CONTRACT NO. 62T71	
												ILLINOIS FED. AID PROJECT		

LEGEND

- 1 EXIST. COMB. CURB AND GUTTER
- 2 EXIST. COMB. CURB AND GUTTER, B-6.24 WITH PCC BASE COURSE
- 3 EXIST. PCC BASE COURSE, (±) 9"
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- 10 PROP. POLYMERIZED HMA SC SMA 9.5, MIX F, N80, 1 3/4"



EXISTING TYPICAL SECTION
IL 43 (WAUKEGAN RD.)
STA. 169+00 TO STA. 190+95



PROPOSED TYPICAL SECTION
IL 43 (WAUKEGAN RD.)
STA. 169+00 TO STA. 190+95

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PLOT DATE = 6/29/2023	DATE -	REVISED -

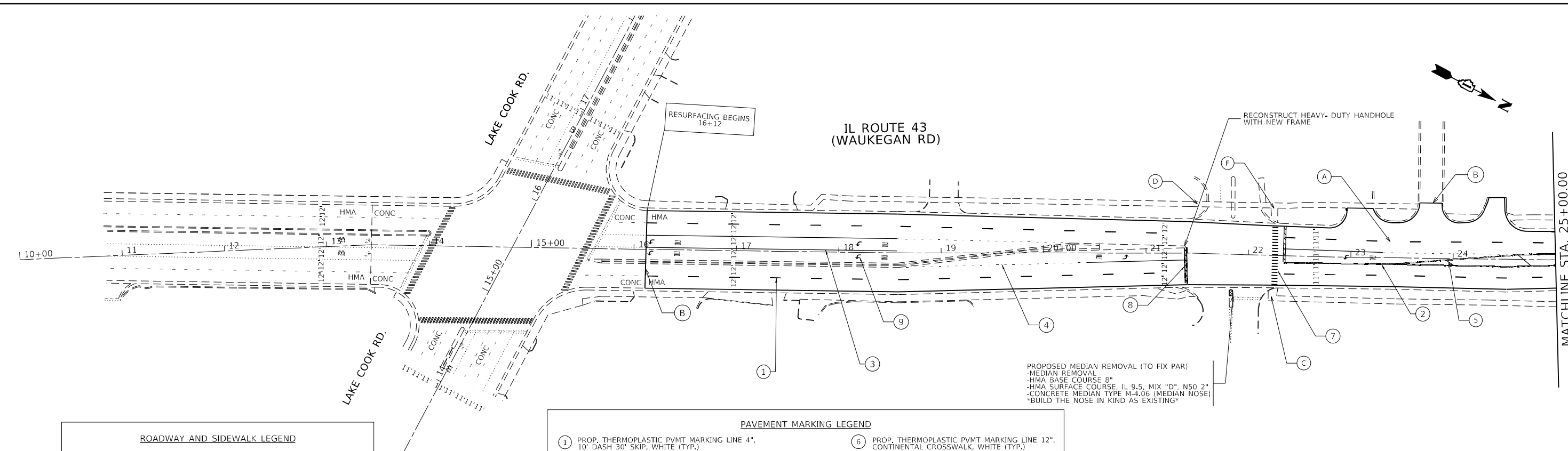
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 43 (WAUKEGAN RD) TYPICAL SECTIONS
SOUTH OF IL 22 TO LAKE COOK RD

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2706	FAU 2706 22 RS	LAKE	72	11
CONTRACT NO. 62T71				
ILLINOIS FED. AID PROJECT				

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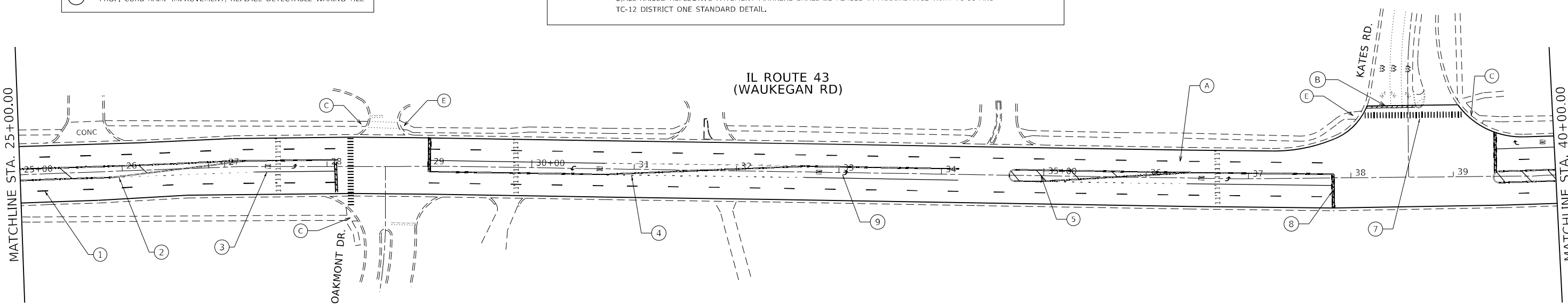
ROADWAY AND SIDEWALK LEGEND	
(A)	PROP. HMA SURFACE REMOVAL, 1 3/4" PROP. POLYMERIZED HMA SC SMA 9.5, MIX F, N80; 1 3/4"
(B)	PROP. HMA SURFACE REMOVAL- BUTT JOINT (4.5' WIDE, TYP)
(C)	PROP. CURB RAMP IMPROVEMENT, SEE SIDEWALK DETAIL
(D)	PROP. CURB RAMP IMPROVEMENT, USE PD-01B
(E)	PROP. CURB RAMP IMPROVEMENT, USE PD-01C
(F)	PROP. CURB RAMP IMPROVEMENT, USE PD-03A
(G)	PROP. CURB RAMP IMPROVEMENT, REPLACE DETECTABLE WARING TILE

PAVEMENT MARKING LEGEND	
(1)	PROP. THERMOPLASTIC PVMT MARKING LINE 4", 10' DASH 30" SKIP, WHITE (TYP.)
(2)	PROP. THERMOPLASTIC PVMT MARKING LINE 4", DOUBLE YELLOW @ 11" C-C (TYP.)
(3)	PROP. THERMOPLASTIC PVMT MARKING LINE 6", WHITE (TYP.)
(4)	PROP. THERMOPLASTIC PVMT MARKING LINE 6", 2' DASH 6' SKIP, WHITE (TYP.)
(5)	PROP. THERMOPLASTIC PVMT MARKING LINE 12", DIAGONALS, YELLOW (TYP.)
(6)	PROP. THERMOPLASTIC PVMT MARKING LINE 12", CONTINENTAL CROSSWALK, WHITE (TYP.)
(7)	PROP. THERMOPLASTIC PVMT MARKING LINE 6", CROSSWALK, WHITE (TYP.)
(8)	PROP. THERMOPLASTIC PVMT MARKING LINE 24", STOPBAR, WHITE (TYP.)
(9)	PROP. THERMOPLASTIC PVMT MARKING, LETTERS AND SYMBOLS, WHITE (TYP.)

NOTES

1) ALL FINAL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH DISTRICT ONE DETAILS TC-11 AND TC-13

2) ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH TC-11 AND TC-12 DISTRICT ONE STANDARD DETAIL.



USER NAME = connor.mullane	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/8/2023	DATE -	REVISED -

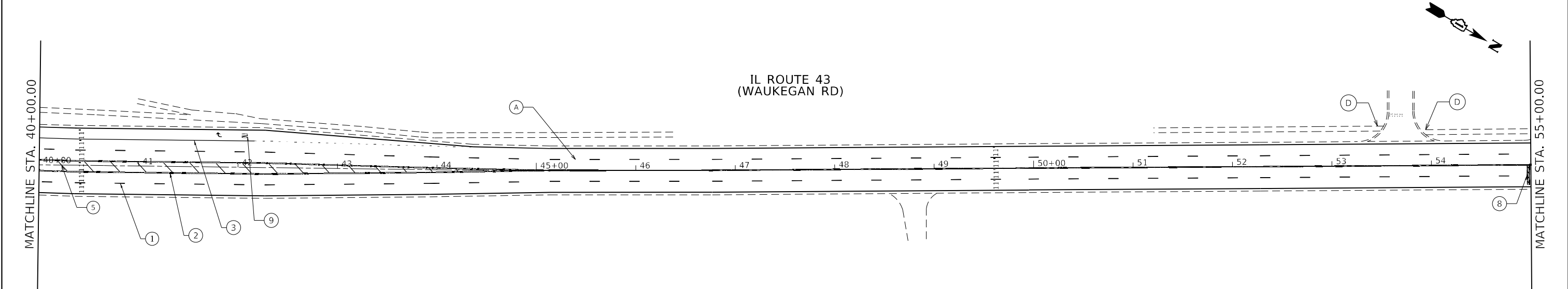
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
IL ROUTE 43 (S.E. OF HALF DAY RD. TO LAKE - COOK RD.)

SCALE: 1"=50' SHEET 1 OF 7 SHEETS STA. 16+12 TO STA. 192+95

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2706	FAU 2706 22 RS	LAKE	72	12
CONTRACT NO. 62T71				
ILLINOIS FED. AID PROJECT				

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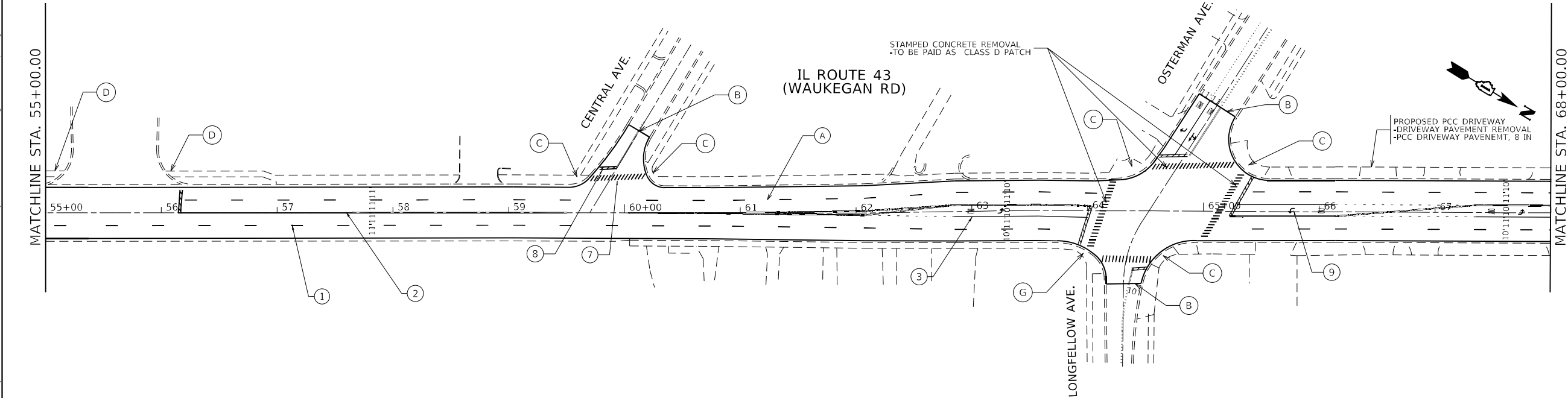
ROADWAY AND SIDEWALK LEGEND	
(A)	PROP. HMA SURFACE REMOVAL, 1 3/4" PROP. POLYMERIZED HMA SC SMA 9.5, MIX F, N80; 1 3/4"
(B)	PROP. HMA SURFACE REMOVAL- BUTT JOINT (4.5' WIDE, TYP)
(C)	PROP. CURB RAMP IMPROVEMENT, SEE SIDEWALK DETAIL
(D)	PROP. CURB RAMP IMPROVEMENT, USE PD-01B
(E)	PROP. CURB RAMP IMPROVEMENT, USE PD-01C
(F)	PROP. CURB RAMP IMPROVEMENT, USE PD-03A
(G)	PROP. CURB RAMP IMPROVEMENT, REPLACE DETECTABLE WARING TILE

PAVEMENT MARKING LEGEND	
(1)	PROP. THERMOPLASTIC PVMT MARKING LINE 4", 10' DASH 30' SKIP, WHITE (TYP.)
(2)	PROP. THERMOPLASTIC PVMT MARKING LINE 4", DOUBLE YELLOW @ 11" C-C (TYP.)
(3)	PROP. THERMOPLASTIC PVMT MARKING LINE 6", WHITE (TYP.)
(4)	PROP. THERMOPLASTIC PVMT MARKING LINE 6", 2' DASH 6' SKIP, WHITE (TYP.)
(5)	PROP. THERMOPLASTIC PVMT MARKING LINE 12", DIAGONALS, YELLOW (TYP.)
(6)	PROP. THERMOPLASTIC PVMT MARKING LINE 12", CONTINENTAL CROSSWALK, WHITE (TYP.)
(7)	PROP. THERMOPLASTIC PVMT MARKING LINE 6", CROSSWALK, WHITE (TYP.)
(8)	PROP. THERMOPLASTIC PVMT MARKING LINE 24", STOPBAR, WHITE (TYP.)
(9)	PROP. THERMOPLASTIC PVMT MARKING, LETTERS AND SYMBOLS, WHITE (TYP.)

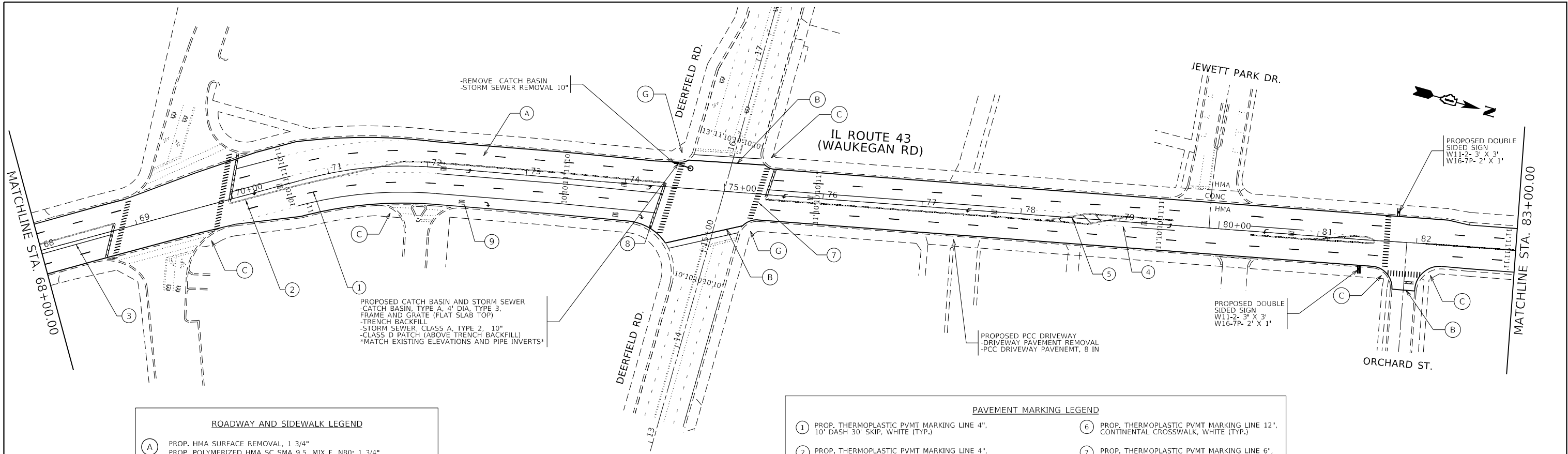
NOTES

1) ALL FINAL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH DISTRICT ONE DETAILS TC-11 AND TC-13

2) ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH TC-11 AND TC-12 DISTRICT ONE STANDARD DETAIL.

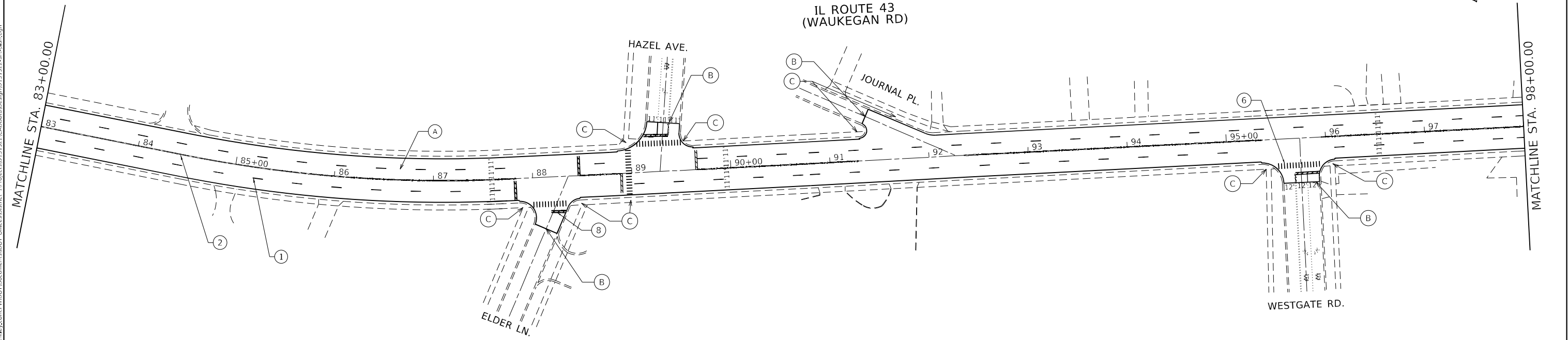


	USER NAME = connor.mullane	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY PLAN				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -		IL. ROUTE 43 (S.E. OF HALF DAY RD. TO LAKE – COOK RD.)				2706	FAU 2706 22 RS	LAKE	72	13	
	PLOT SCALE = 100,000' / in.	CHECKED -	REVISED -						CONTRACT NO. 62T71					
	PLOT DATE = 8/8/2023	DATE -	REVISED -		SCALE: 1"=50'	SHEET 2	OF 7 SHEETS	STA. 16+12	TO STA. 192+95					
					ILLINOIS FED. AID PROJECT									



ROADWAY AND SIDEWALK LEGEND	
(A)	PROP. HMA SURFACE REMOVAL, 1 3/4" PROP. POLYMERIZED HMA SC SMA 9.5, MIX F, N80; 1 3/4"
(B)	PROP. HMA SURFACE REMOVAL- BUTT JOINT (4.5' WIDE, TYP)
(C)	PROP. CURB RAMP IMPROVEMENT, SEE SIDEWALK DETAIL
(D)	PROP. CURB RAMP IMPROVEMENT, USE PD-01B
(E)	PROP. CURB RAMP IMPROVEMENT, USE PD-01C
(F)	PROP. CURB RAMP IMPROVEMENT, USE PD-03A
(G)	PROP. CURB RAMP IMPROVEMENT, REPLACE DETECTABLE WARING TILE

PAVEMENT MARKING LEGEND	
(1)	PROP. THERMOPLASTIC PVMT MARKING LINE 4", 10' DASH 30' SKIP, WHITE (TYP.)
(2)	PROP. THERMOPLASTIC PVMT MARKING LINE 4", DOUBLE YELLOW @ 11" C-C (TYP.)
(3)	PROP. THERMOPLASTIC PVMT MARKING LINE 6", WHITE (TYP.)
(4)	PROP. THERMOPLASTIC PVMT MARKING LINE 6", 2' DASH 6' SKIP, WHITE (TYP.)
(5)	PROP. THERMOPLASTIC PVMT MARKING LINE 12", DIAGONALS, YELLOW (TYP.)
(6)	PROP. THERMOPLASTIC PVMT MARKING LINE 12", CONTINENTAL CROSSWALK, WHITE (TYP.)
(7)	PROP. THERMOPLASTIC PVMT MARKING LINE 6", CROSSWALK, WHITE (TYP.)
(8)	PROP. THERMOPLASTIC PVMT MARKING LINE 24", STOPBAR, WHITE (TYP.)
(9)	PROP. THERMOPLASTIC PVMT MARKING, LETTERS AND SYMBOLS, WHITE (TYP.)
NOTES 1) ALL FINAL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH DISTRICT ONE DETAILS TC-11 AND TC-13 2)ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH TC-11 AND TC-12 DISTRICT ONE STANDARD DETAIL.	



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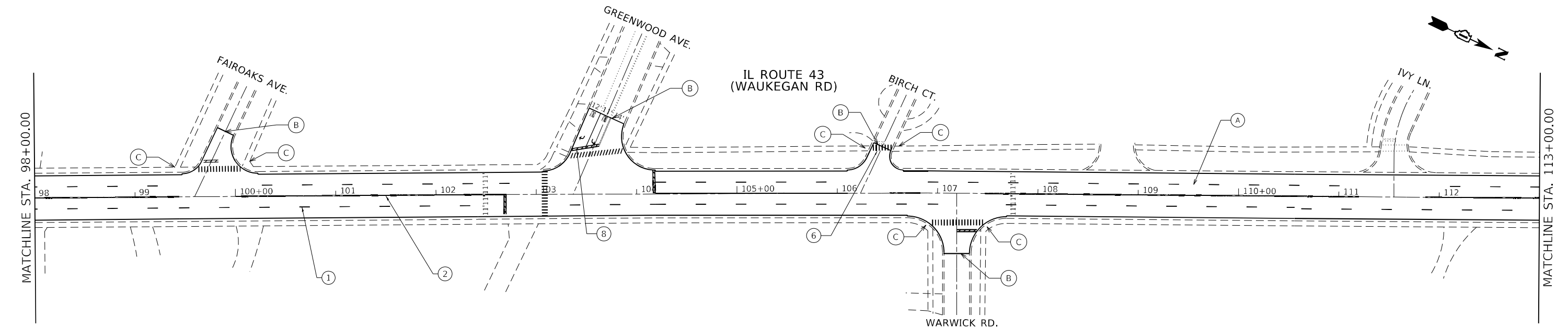
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PLOT DATE = 8/8/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN			
IL ROUTE 43 (S.E. OF HALF DAY RD. TO LAKE - COOK RD.)			
SCALE: 1"=50'	SHEET 3	OF SHEETS	STA. 16+12 TO STA. 192+95

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2706	FAU 2706 22 RS	LAKE	72	14
CONTRACT NO. 62T71				
ILLINOIS FED. AID PROJECT				

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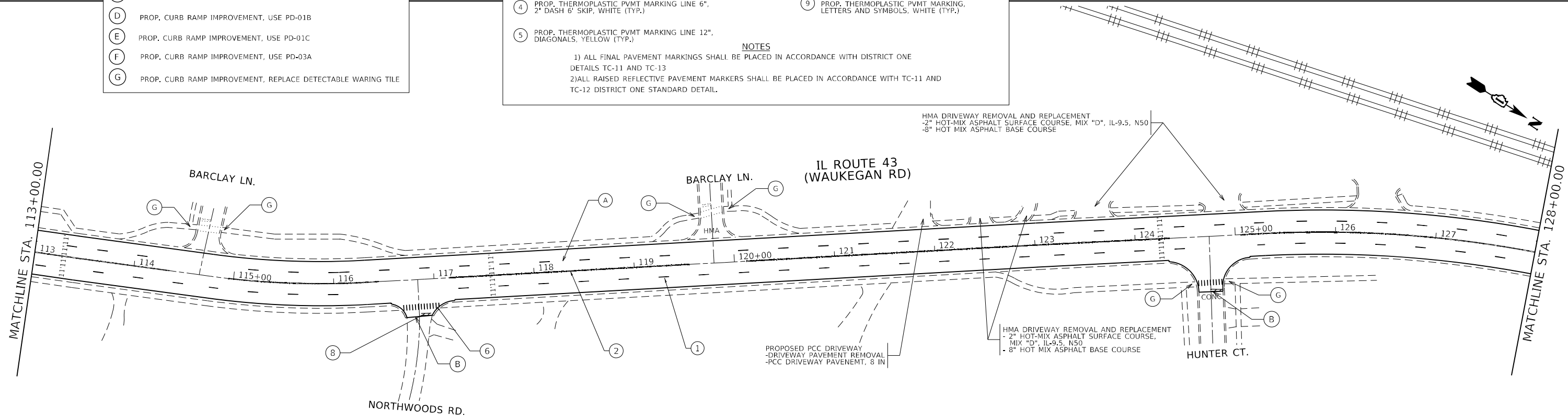
ROADWAY AND SIDEWALK LEGEND	
(A)	PROP. HMA SURFACE REMOVAL, 1 3/4" PROP. POLYMERIZED HMA SC SMA 9.5, MIX F, N80; 1 3/4"
(B)	PROP. HMA SURFACE REMOVAL- BUTT JOINT (4.5' WIDE, TYP)
(C)	PROP. CURB RAMP IMPROVEMENT, SEE SIDEWALK DETAIL
(D)	PROP. CURB RAMP IMPROVEMENT, USE PD-01B
(E)	PROP. CURB RAMP IMPROVEMENT, USE PD-01C
(F)	PROP. CURB RAMP IMPROVEMENT, USE PD-03A
(G)	PROP. CURB RAMP IMPROVEMENT, REPLACE DETECTABLE WARING TILE

PAVEMENT MARKING LEGEND	
(1)	PROP. THERMOPLASTIC PVMT MARKING LINE 4", 10' DASH 30' SKIP, WHITE (TYP.)
(2)	PROP. THERMOPLASTIC PVMT MARKING LINE 4", DOUBLE YELLOW @ 11" C-C (TYP.)
(3)	PROP. THERMOPLASTIC PVMT MARKING LINE 6", WHITE (TYP.)
(4)	PROP. THERMOPLASTIC PVMT MARKING LINE 6", 2' DASH 6' SKIP, WHITE (TYP.)
(5)	PROP. THERMOPLASTIC PVMT MARKING LINE 12", DIAGONALS, YELLOW (TYP.)
(6)	PROP. THERMOPLASTIC PVMT MARKING LINE 12", CONTINENTAL CROSSWALK, WHITE (TYP.)
(7)	PROP. THERMOPLASTIC PVMT MARKING LINE 6", CROSSWALK, WHITE (TYP.)
(8)	PROP. THERMOPLASTIC PVMT MARKING LINE 24", STOPBAR, WHITE (TYP.)
(9)	PROP. THERMOPLASTIC PVMT MARKING, LETTERS AND SYMBOLS, WHITE (TYP.)

NOTES

1) ALL FINAL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH DISTRICT ONE DETAILS TC-11 AND TC-13

2) ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH TC-11 AND TC-12 DISTRICT ONE STANDARD DETAIL.



USER NAME	= connor.mullane	DESIGNED	-	REVISED	-
DRAWN	-	REVIS	-	REVIS	-
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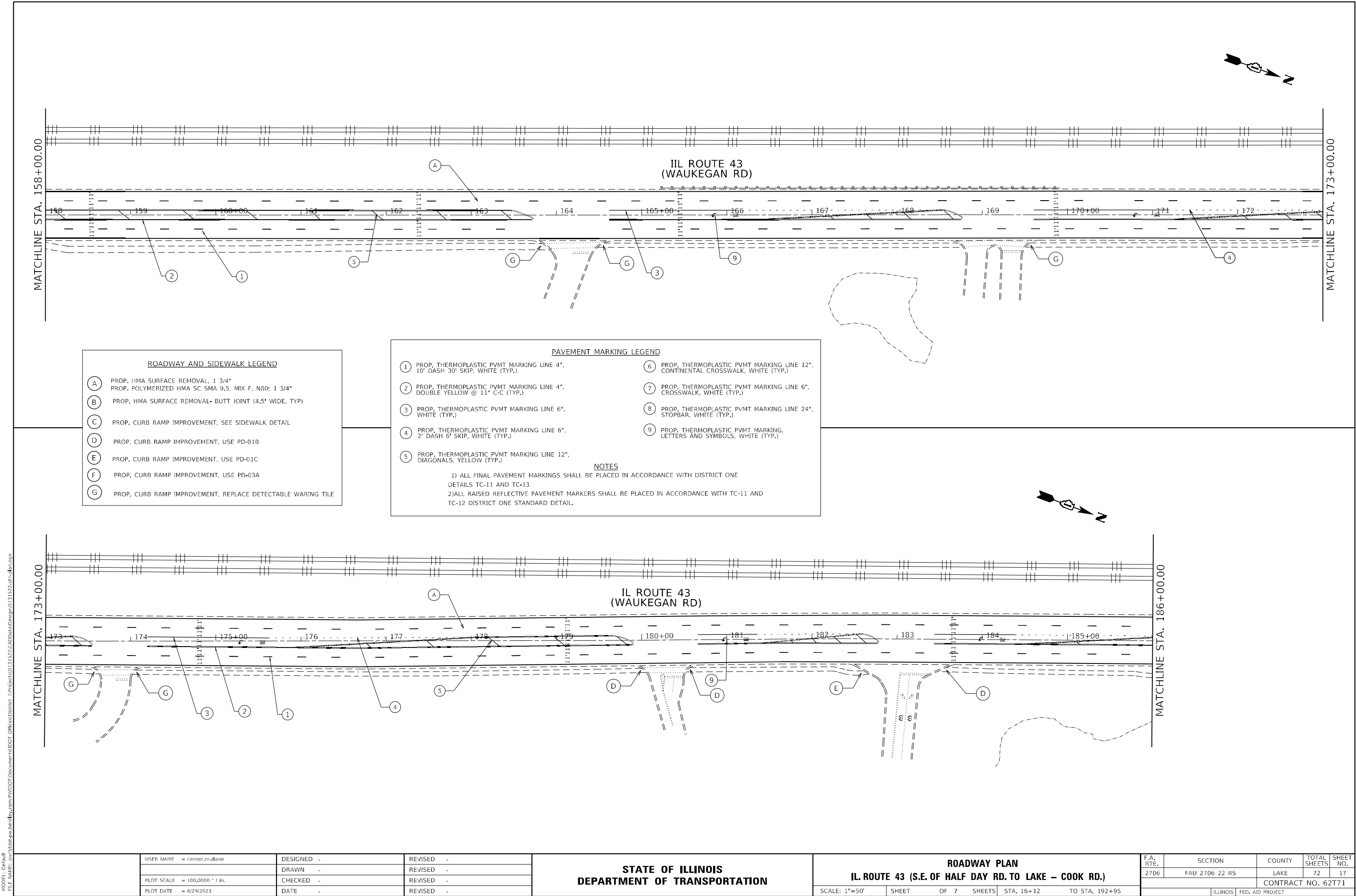
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
IL ROUTE 43 (S.E. OF HALF DAY RD. TO LAKE - COOK RD.)

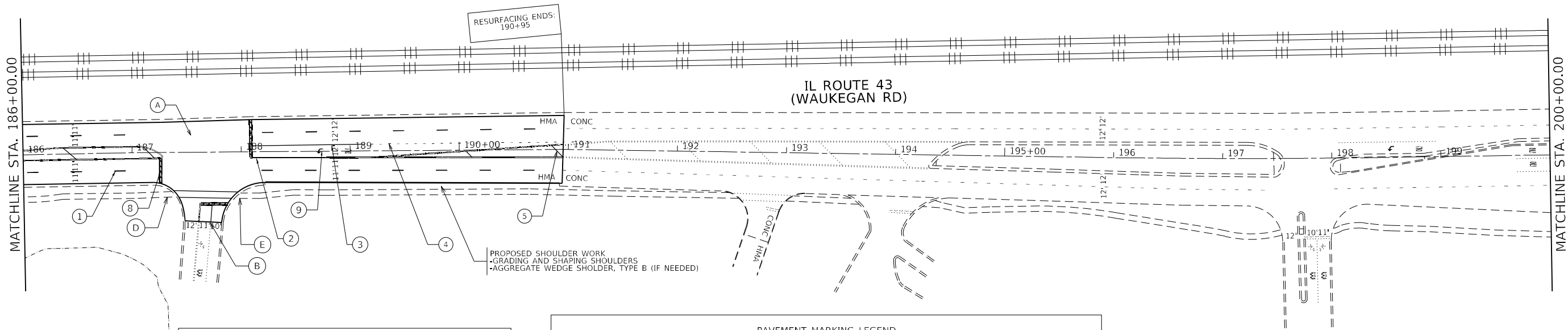
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2706	FAU 2706 22 RS	LAKE	72	15
CONTRACT NO. 62T71				
ILLINOIS FED. AID PROJECT				

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ROADWAY AND SIDEWALK LEGEND	
(A)	PROP. HMA SURFACE REMOVAL, 1 3/4" PROP. POLYMERIZED HMA SC SMA 9.5, MIX F, N80; 1 3/4"
(B)	PROP. HMA SURFACE REMOVAL- BUTT JOINT (4.5' WIDE, TYP)
(C)	PROP. CURB RAMP IMPROVEMENT, SEE SIDEWALK DETAIL
(D)	PROP. CURB RAMP IMPROVEMENT, USE PD-01B
(E)	PROP. CURB RAMP IMPROVEMENT, USE PD-01C
(F)	PROP. CURB RAMP IMPROVEMENT, USE PD-03A
(G)	PROP. CURB RAMP IMPROVEMENT, REPLACE DETECTABLE WARING TILE

PAVEMENT MARKING LEGEND	
(1)	PROP. THERMOPLASTIC PVMT MARKING LINE 4", 10' DASH 30' SKIP, WHITE (TYP.)
(2)	PROP. THERMOPLASTIC PVMT MARKING LINE 4", DOUBLE YELLOW @ 11" C-C (TYP.)
(3)	PROP. THERMOPLASTIC PVMT MARKING LINE 6", WHITE (TYP.)
(4)	PROP. THERMOPLASTIC PVMT MARKING LINE 6", 2' DASH 6' SKIP, WHITE (TYP.)
(5)	PROP. THERMOPLASTIC PVMT MARKING LINE 12", DIAGONALS, YELLOW (TYP.)
(6)	PROP. THERMOPLASTIC PVMT MARKING LINE 12", CONTINENTAL CROSSWALK, WHITE (TYP.)
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(9)	PROP. THERMOPLASTIC PVMT MARKING, LETTERS AND SYMBOLS, WHITE (TYP.)
NOTES	
1) ALL FINAL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH DISTRICT ONE DETAILS TC-11 AND TC-13	
2)ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH TC-11 AND TC-12 DISTRICT ONE STANDARD DETAIL.	

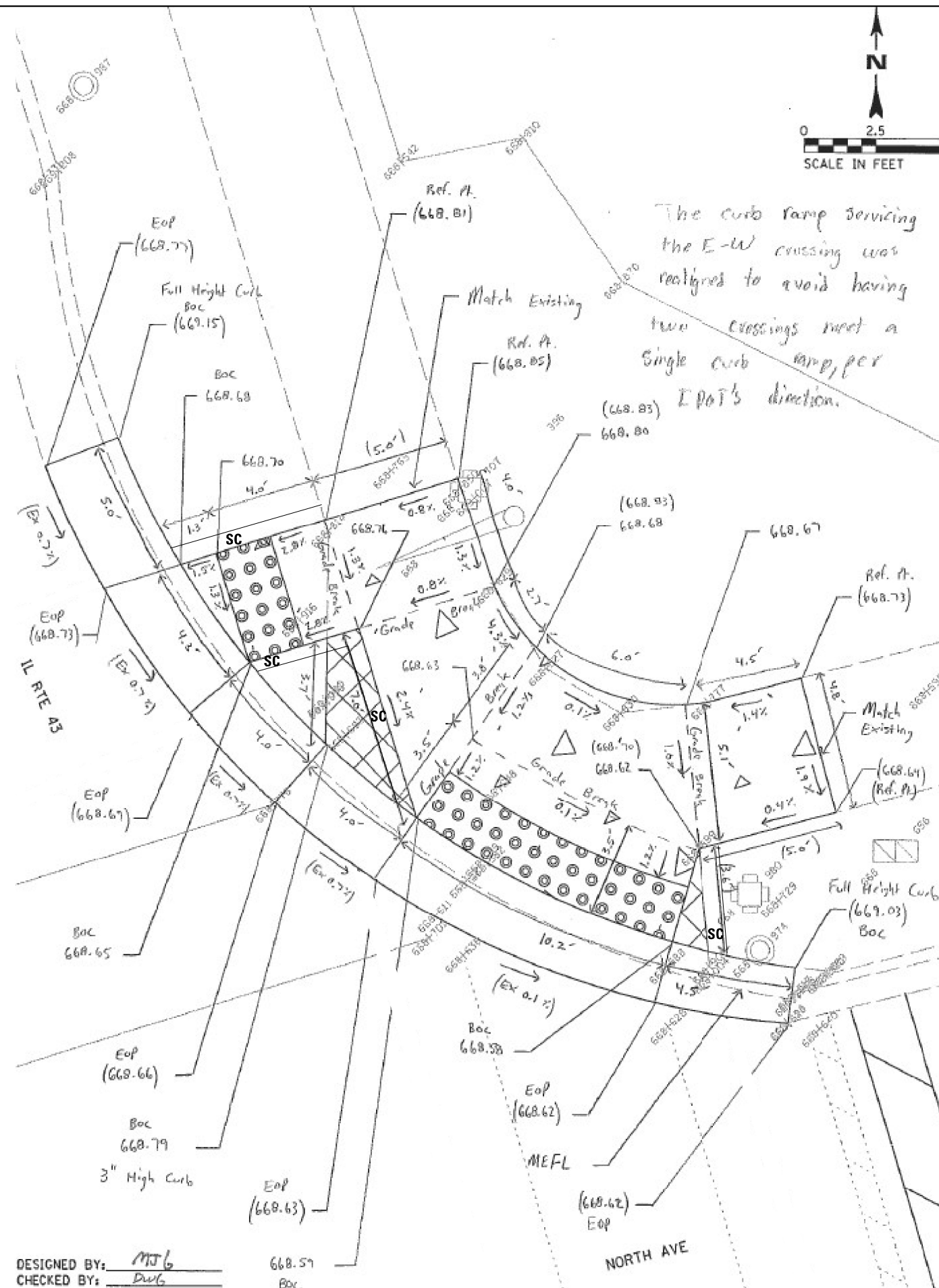
USER NAME = connor.mullane	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 6/29/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
IL. ROUTE 43 (S.E. OF HALF DAY RD. TO LAKE - COOK RD.)

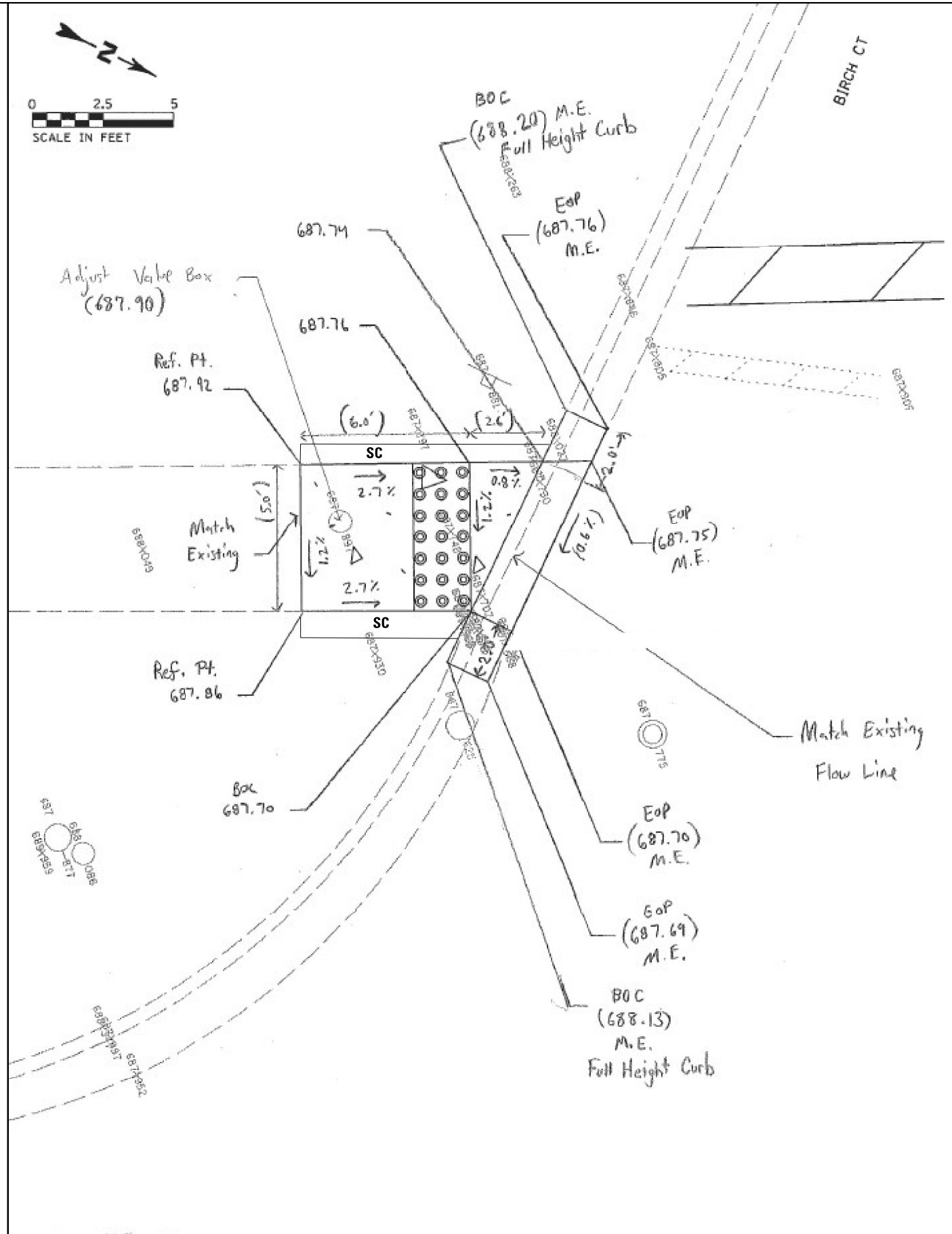
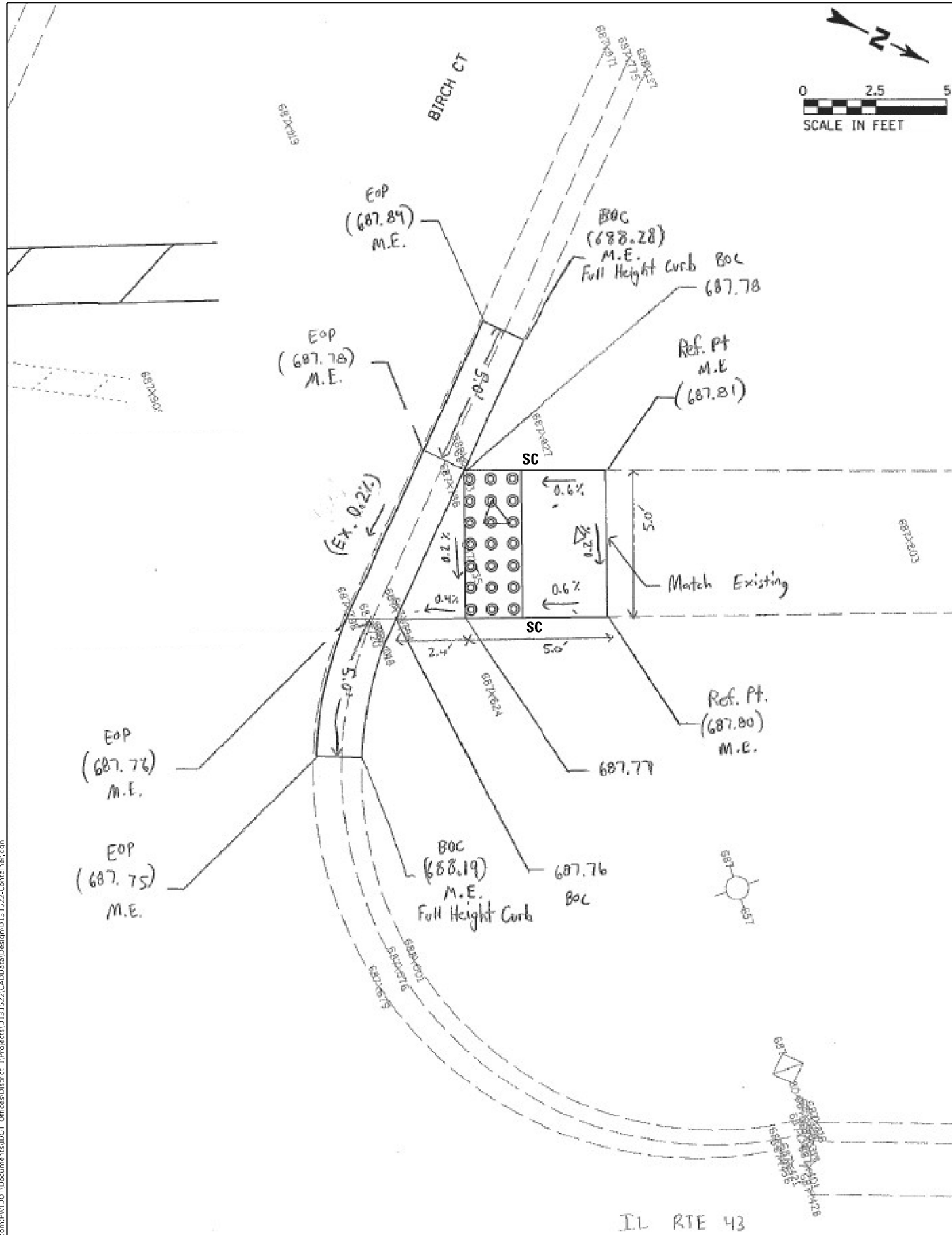
SCALE: 1"=50' SHEET 7 OF SHEETS STA. 16+12 TO STA. 192+95

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2706	FAU 2706 22 RS	LAKE	72	18
CONTRACT NO. 62T71				
ILLINOIS FED. AID PROJECT				



DESIGNED BY: MTG
CHECKED BY: DWG

USER NAME = connor,mullane	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ADA RAMP DETAILS – NORTH AVE IL 43 (SOUTH OF IL 22 TO LAKE COOK RD)				F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -						2706	FAU 2706 22 RS	LAKE	72	21
PLOT SCALE = 100,000' = 1" / in.	CHECKED -	REVISED -		CONTRACT NO. 62T71								
PLOT DATE = 6/29/2023	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.			



DESIGNED BY: MJB
 CHECKED BY: DWG

DESIGNED BY: MJB
 CHECKED BY: DWG

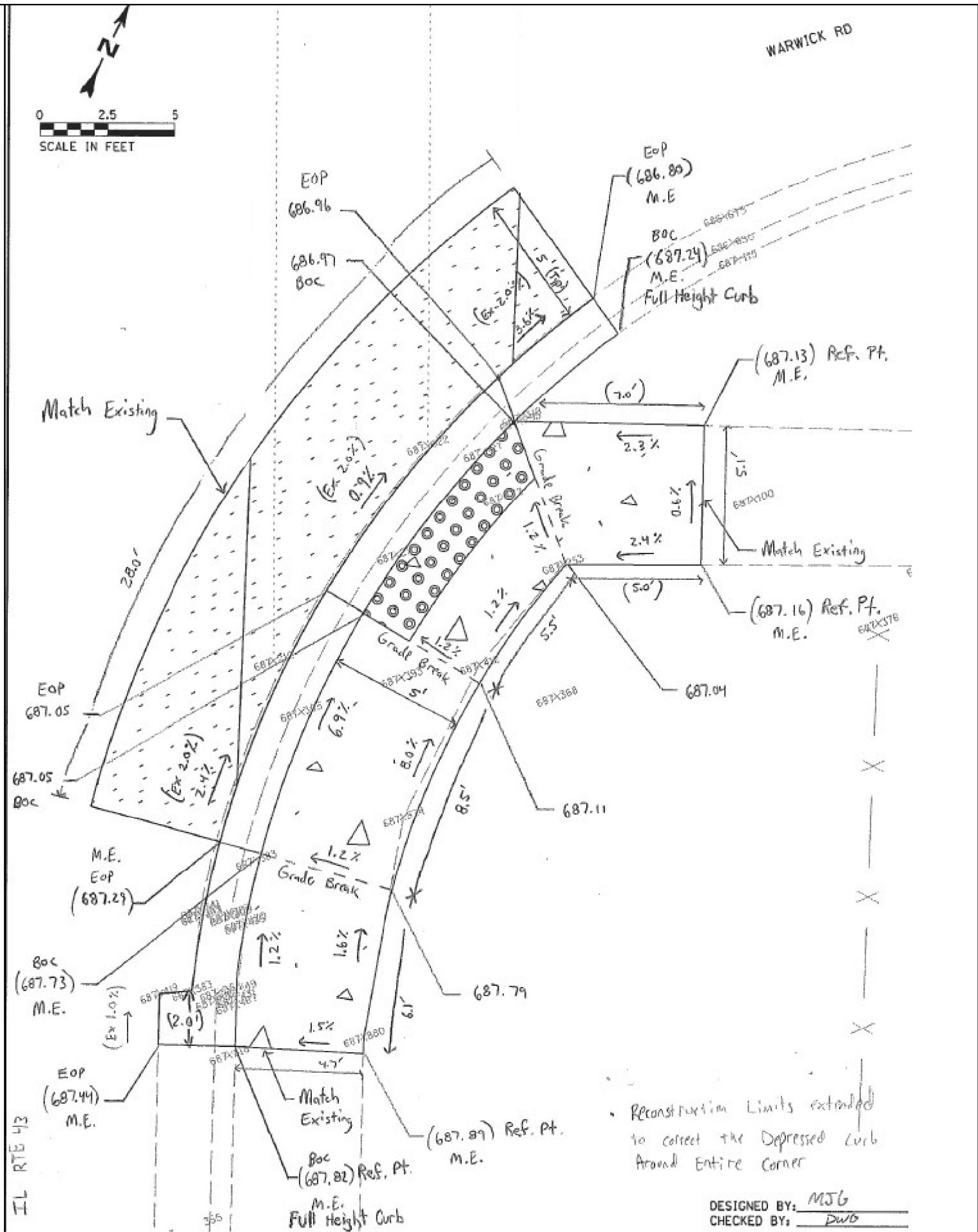
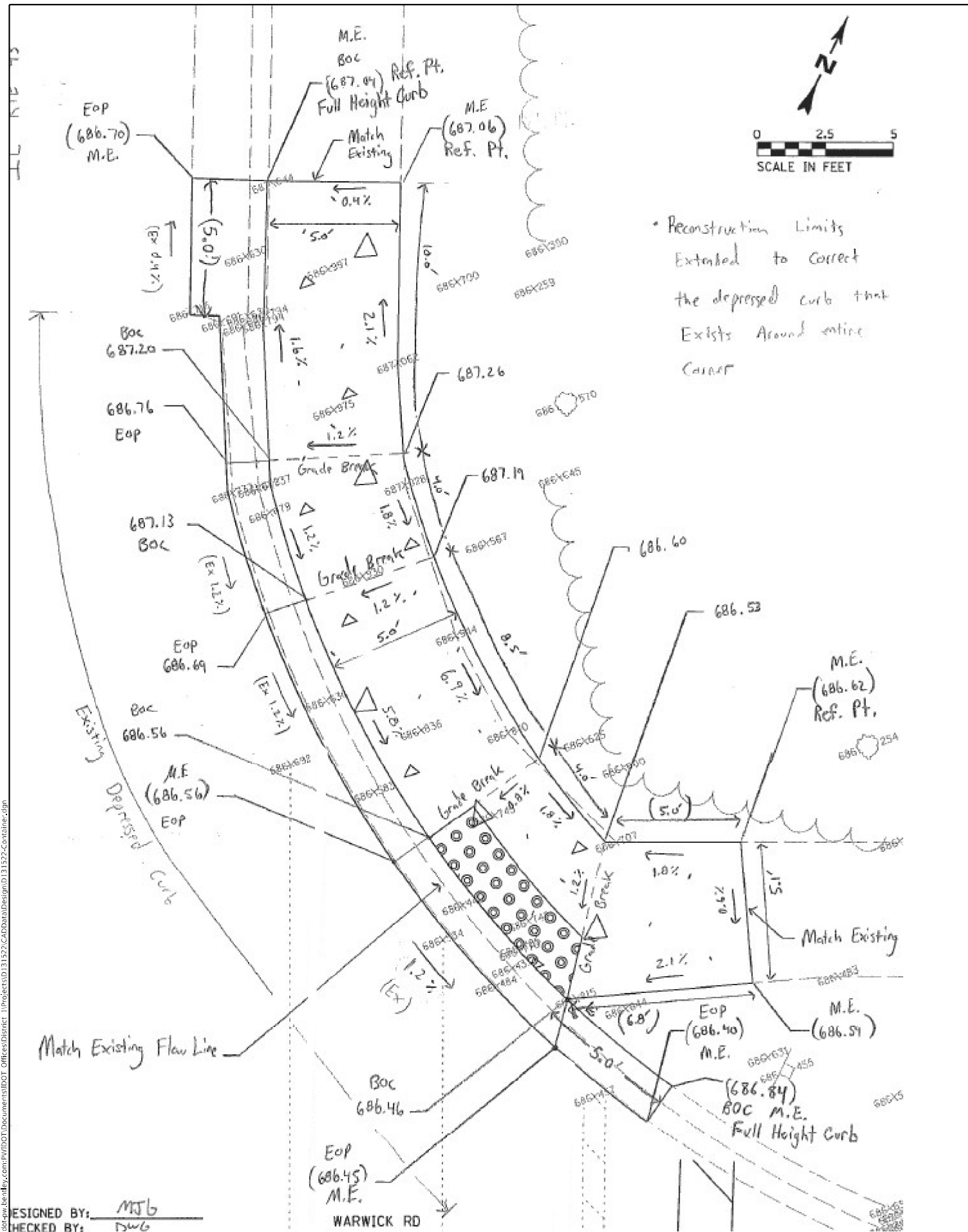
USER NAME = connor.mullane	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 100,000' / in.	CHECKED -	REVISED -
PLOT DATE = 6/29/2023	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS - BIRCH CT
 IL 43 (SOUTH OF IL 22 TO LAKE COOK RD)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2706	FAU 2706 22 RS	LAKE	72	23
CONTRACT NO. 62771				
ILLINOIS FED. AID PROJECT				



DESIGNED BY: MSJG
CHECKED BY: DWB

DESIGNED BY: MSJG
CHECKED BY: DWB

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

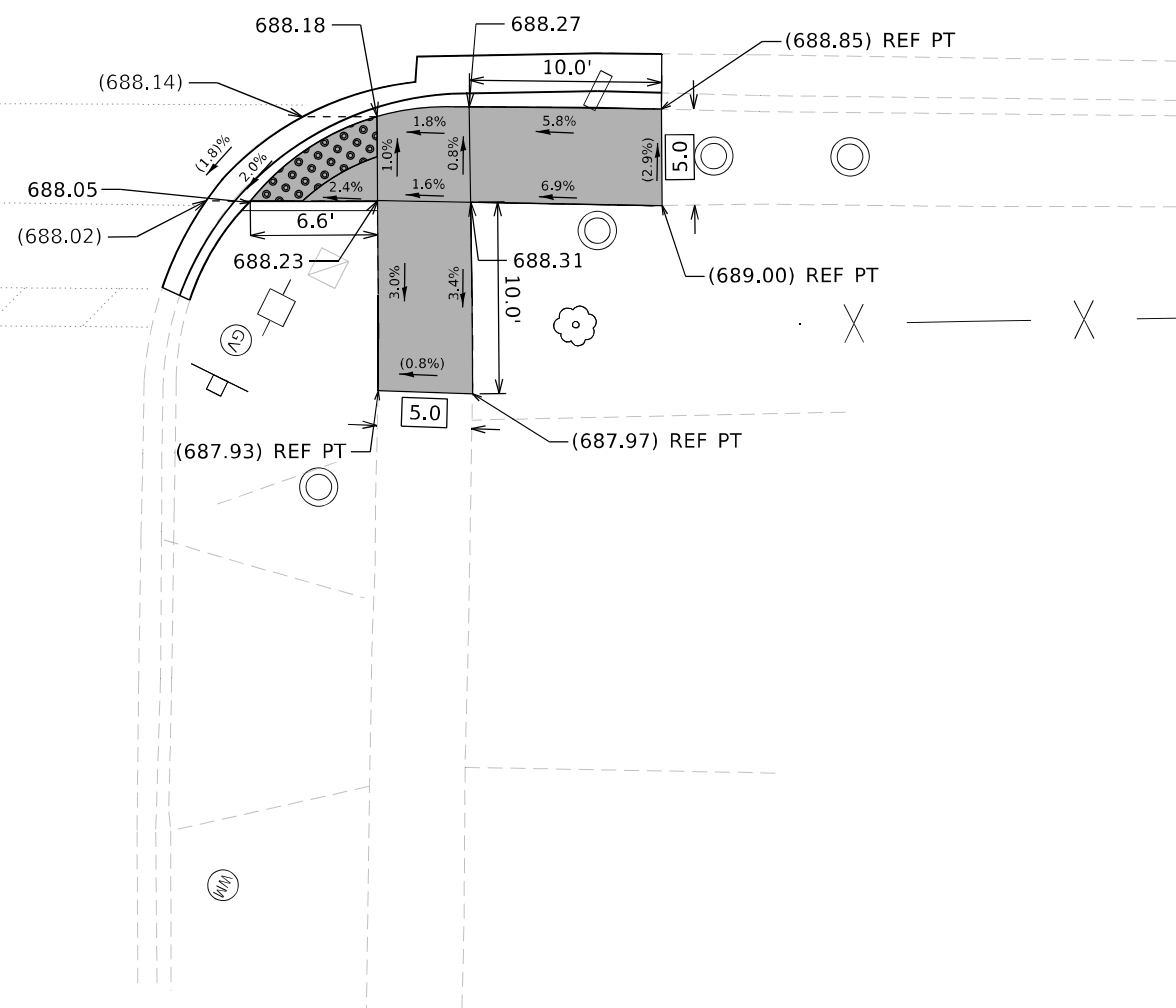
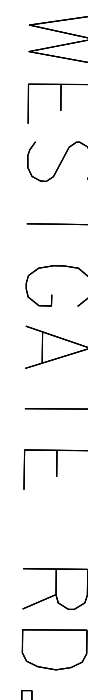
ADA RAMP DETAILS - WARWICK RD
IL 43 (SOUTH OF IL 22 TO LAKE COOK RD)

FAU RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2706	FAU 2706 22 RS	LAKE	72	24
CONTRACT NO. 62T71				

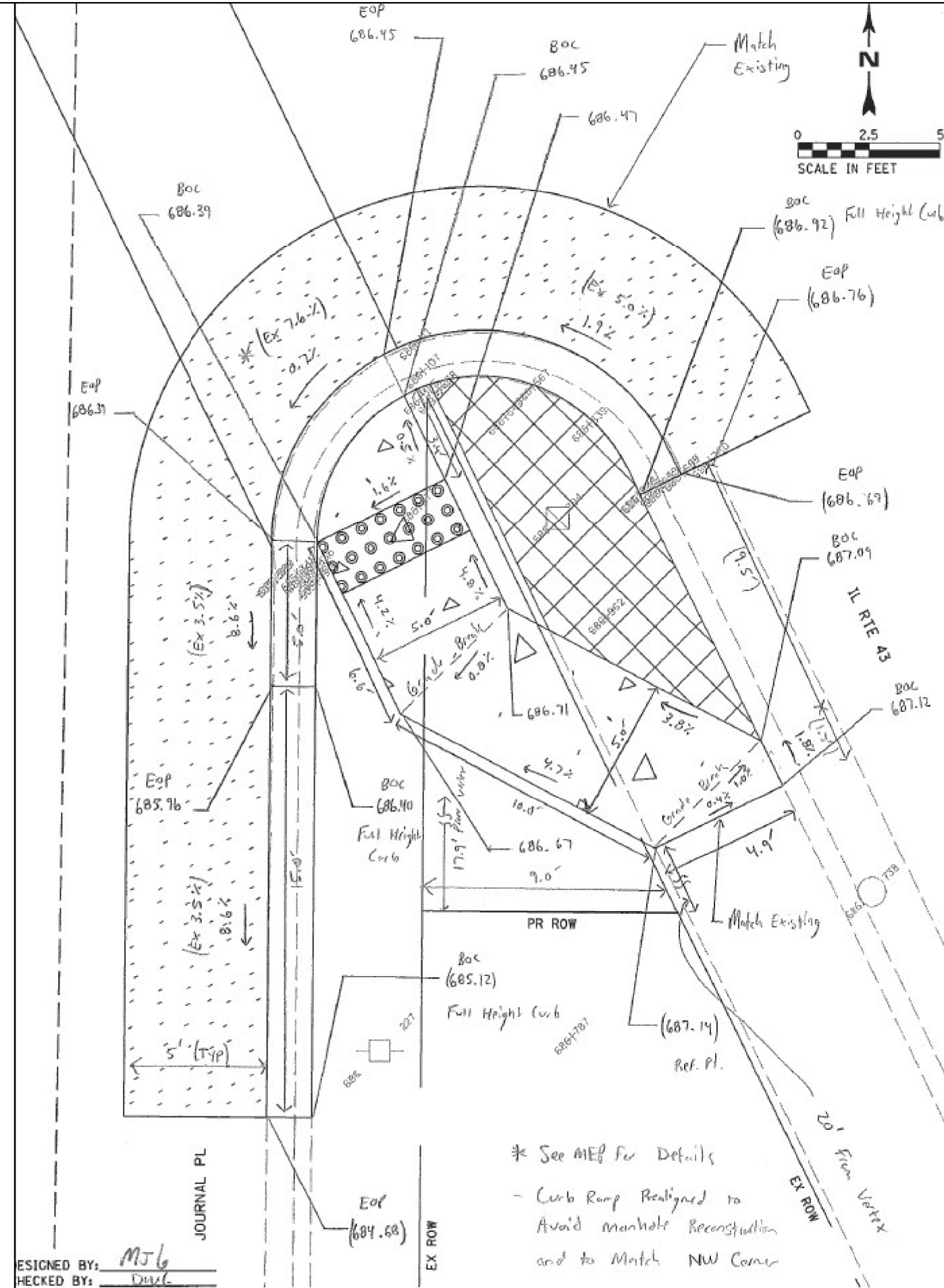
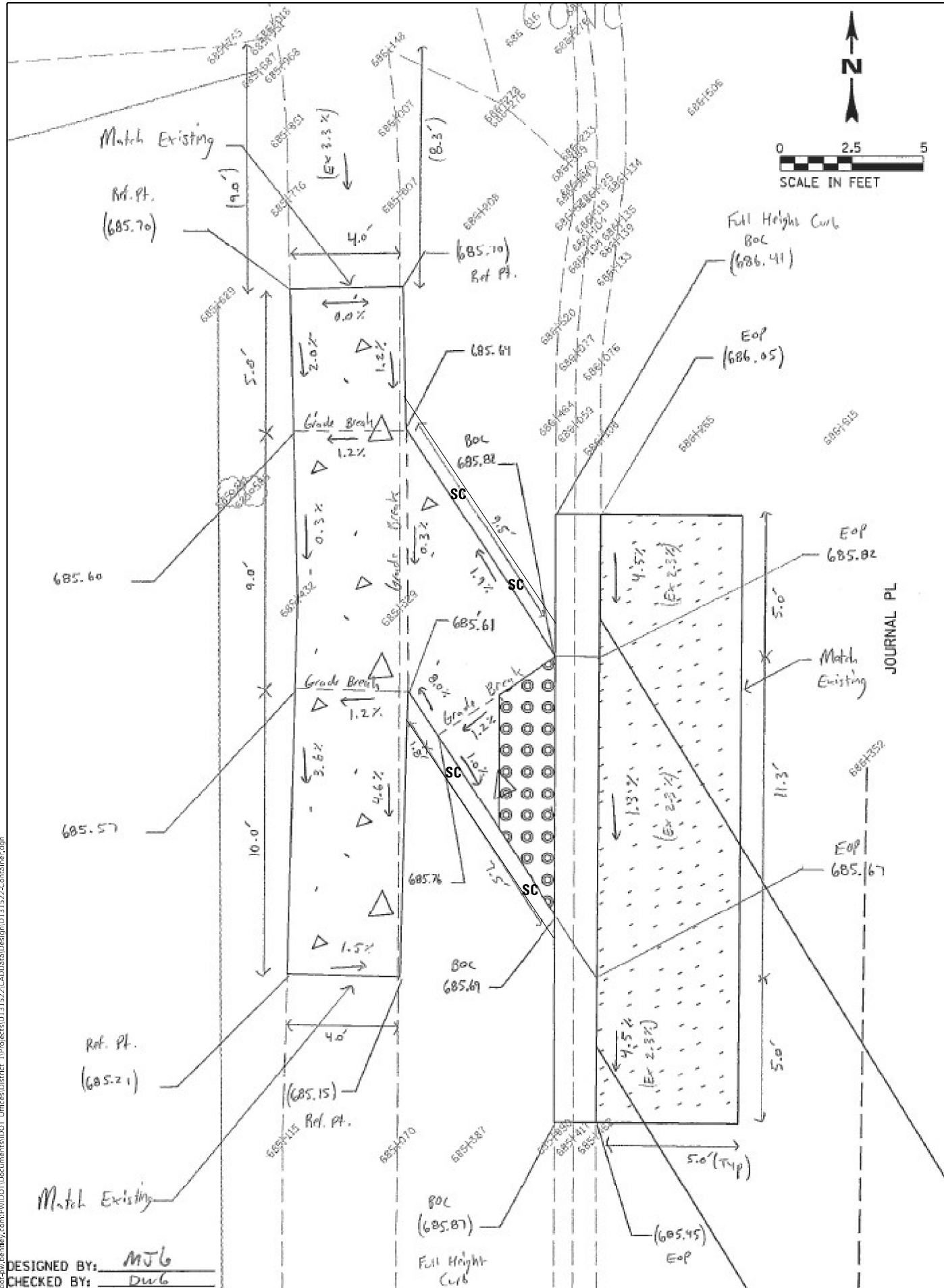
SCALE: SHEET OF SHEETS STA. TO STA.

USER NAME = connor.mullane	DESIGNED -	REVISED -
PLOT SCALE = 100,000' / in.	DRAWN -	REVISED -
PLOT DATE = 6/29/2023	CHECKED -	REVISED -
	DATE -	REVISED -

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FILE: 62T71.dwg
PROJECT: 62T71
DRAWN: 6/29/2023
CHECKED: 6/29/2023
PLOT: 6/29/2023

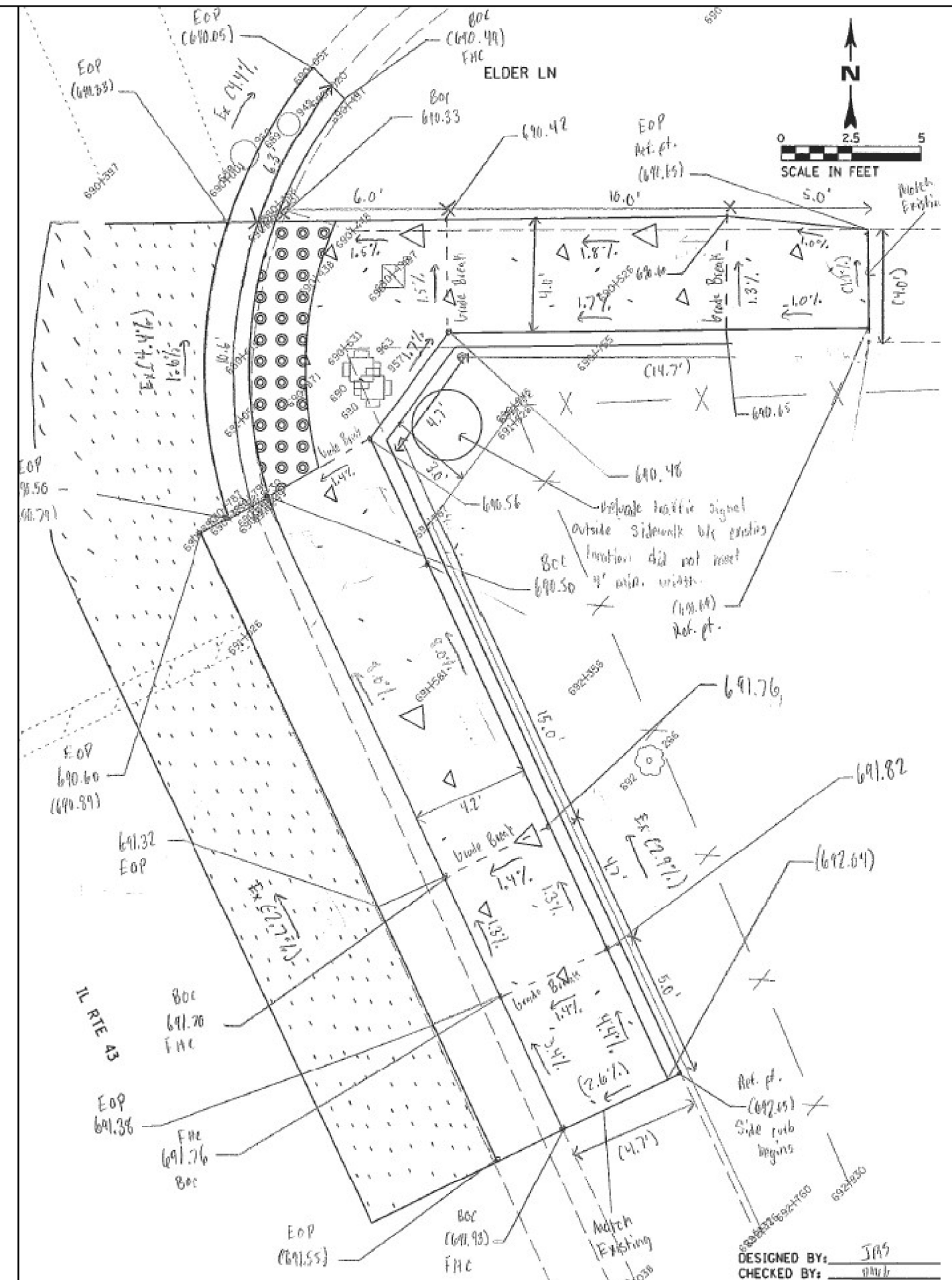
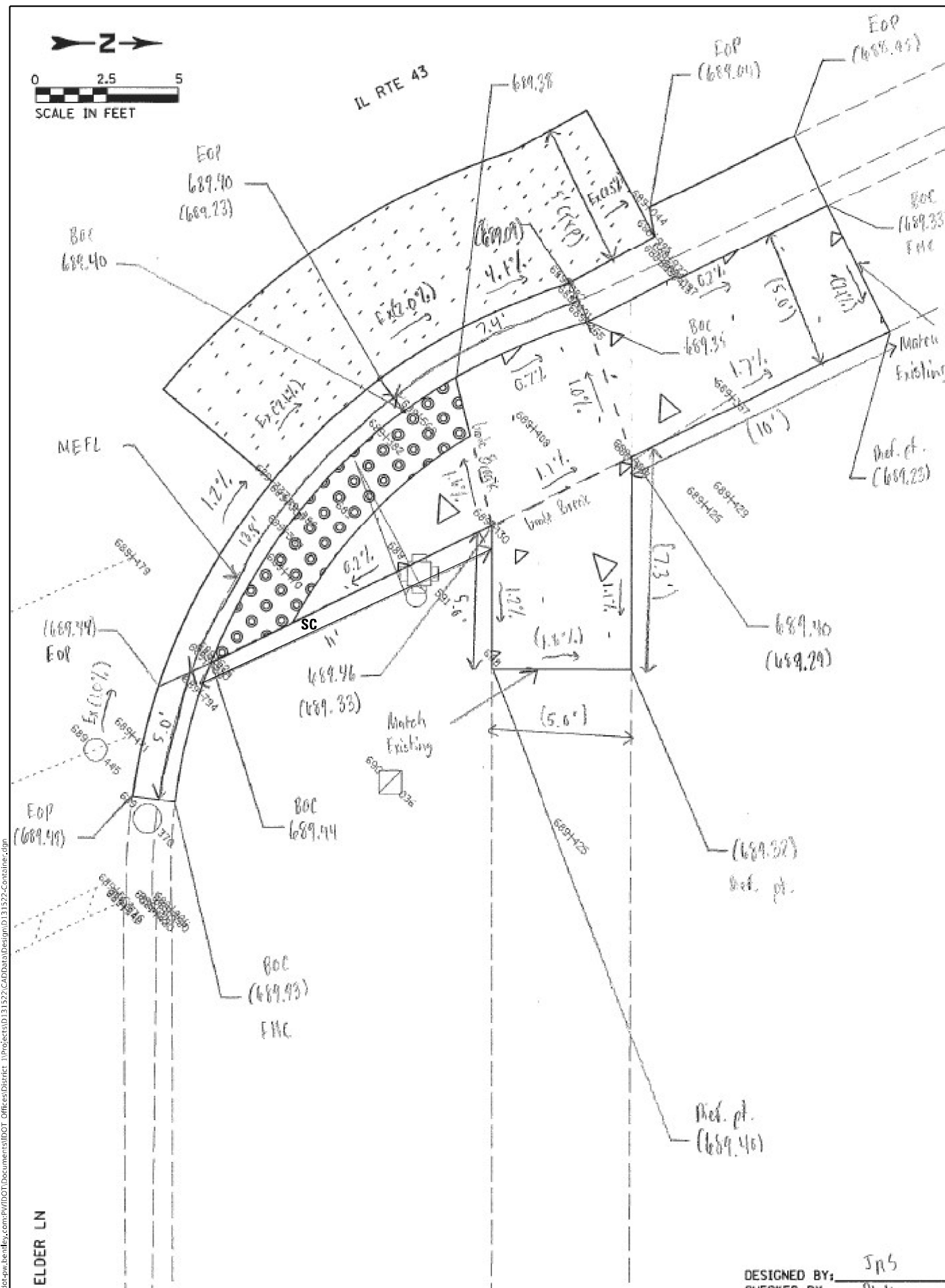


F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2706	FAU 2706 22 RS	LAKE	72	25
		CONTRACT NO. 62T71		
ILLINOIS		FED. AID PROJECT		

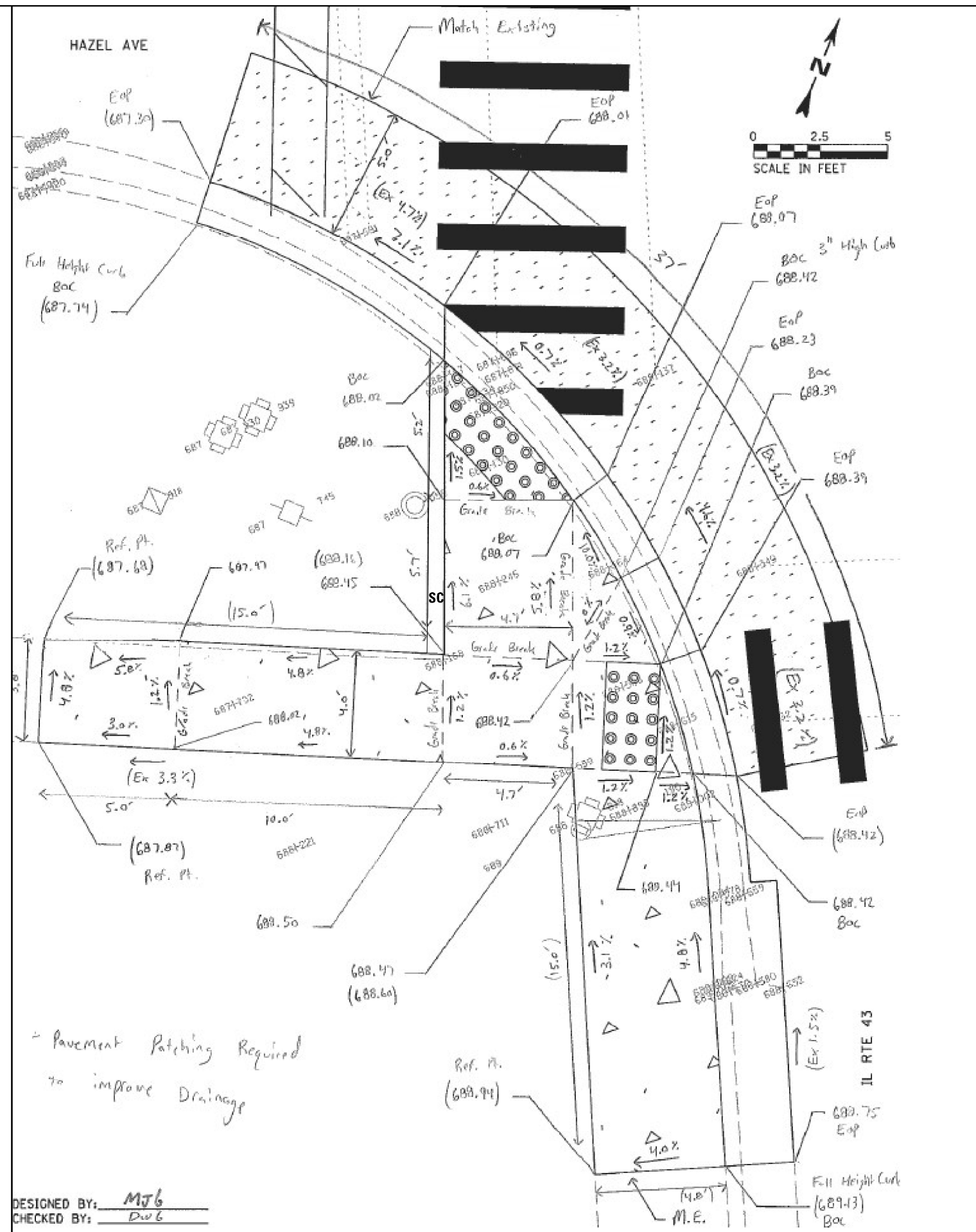
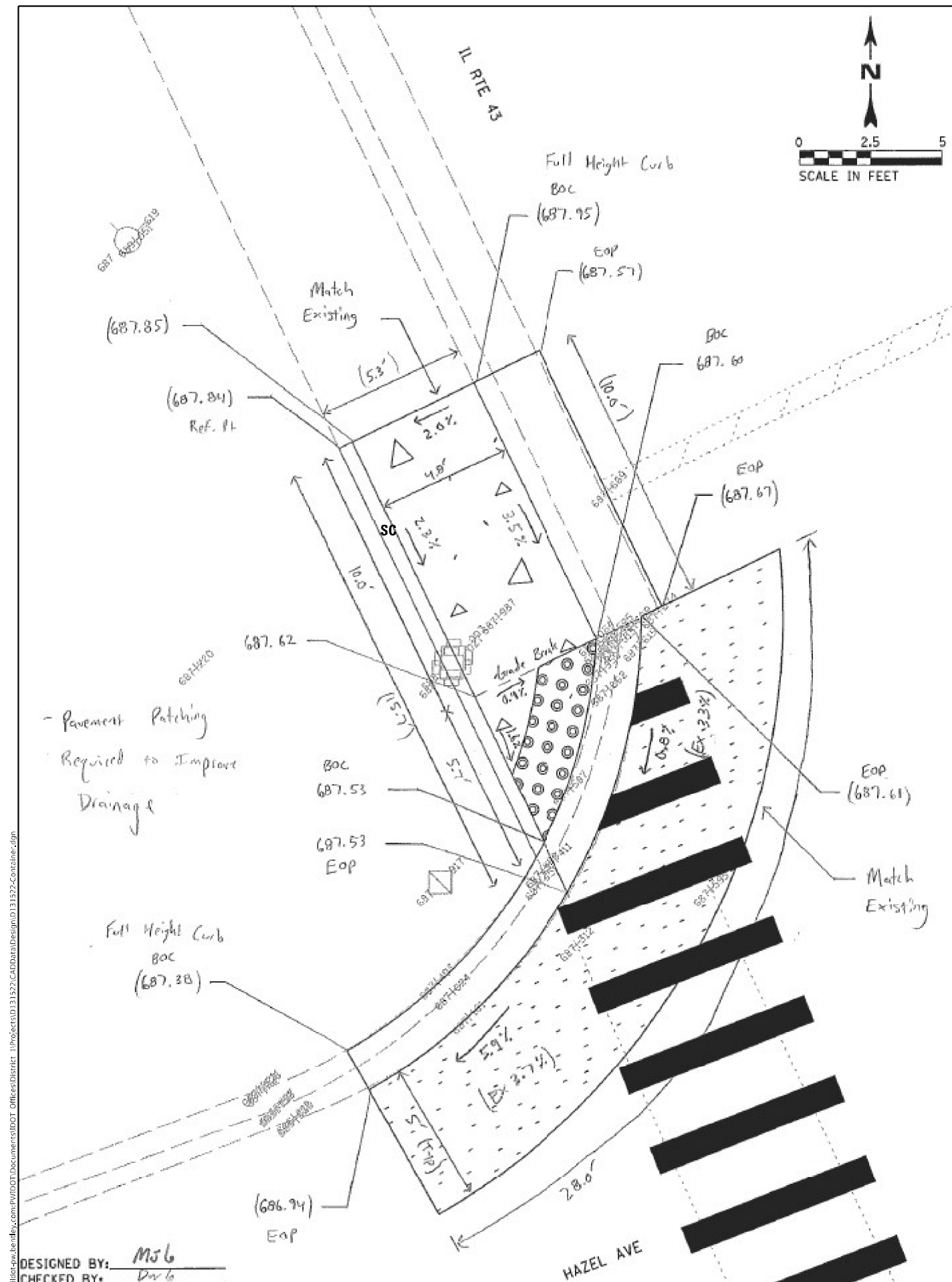


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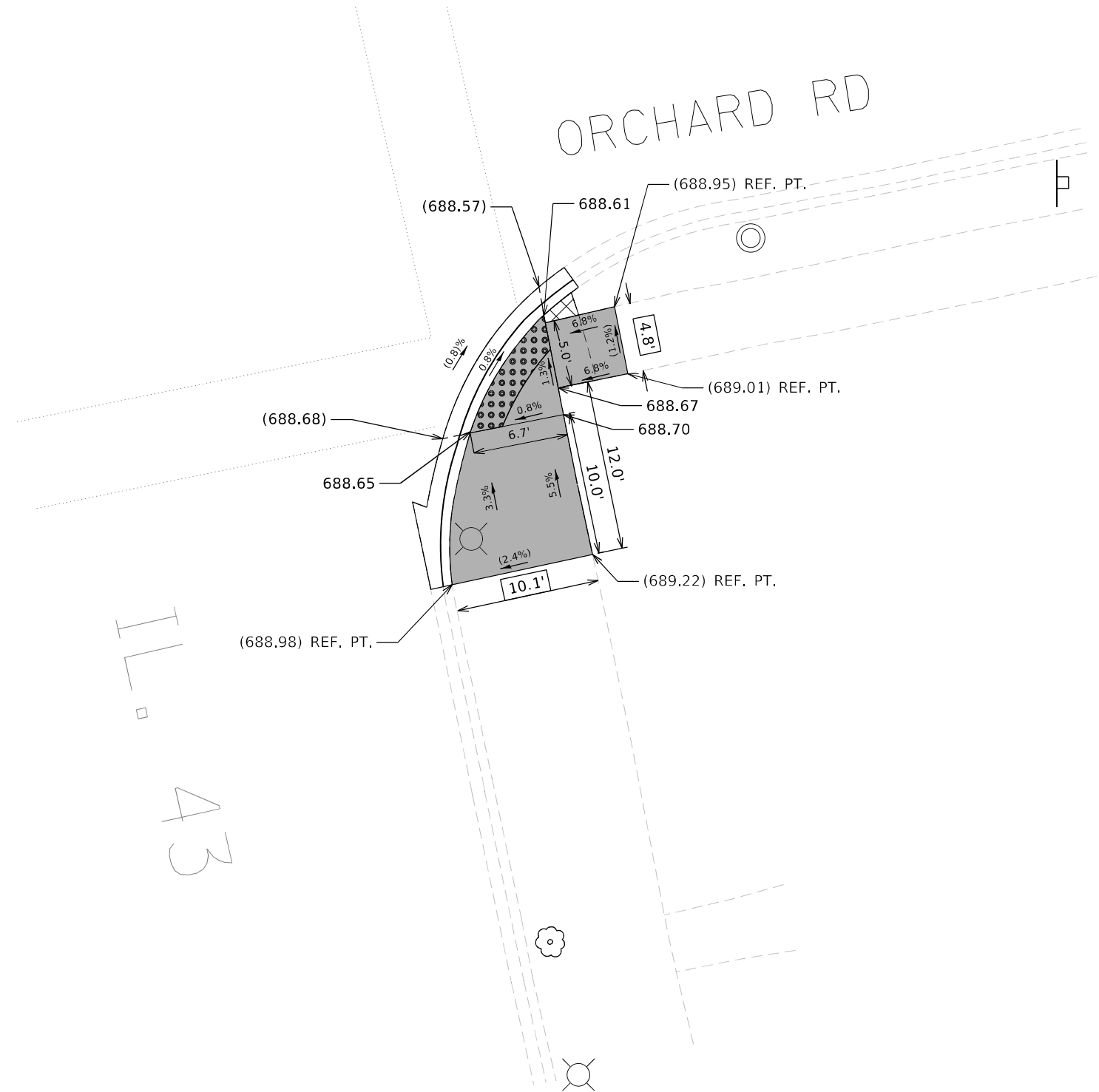
	USER NAME = connor,mullane	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ADA RAMP DETAILS – JOURNAL PL IL 43 (SOUTH OF IL 22 TO LAKE COOK RD)				F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						2706	FAU 2706 22 RS	LAKE	72	26
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	PLOT DATE = 6/29/2023	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.			
											ILLINOIS	FED. AID PROJECT	



F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2706	FAU 2706 22 RS	LAKE	72	27
		CONTRACT NO. 62T71		
		ILLINOIS	FED. AID PROJECT	



MODEL: Default FILE NAME: D:\	USER NAME = connor.mullane	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ADA RAMP DETAILS – HAZEL AVE IL 43 (SOUTH OF IL 22 TO LAKE COOK RD)				F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						2706	FAU 2706 22 RS	LAKE	72	28
	PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -		CONTRACT NO. 62T71								
	PLOT DATE = 6/29/2023	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT	



REFERENCE BENCHMARK ELEV 689.27

BENCHMARK : SQUARE IN THE W. CONC BASE OF L.P.

LOCATION : S.E. CORNER IL 43 AND ORCHARD ST

LEGEND

xx.xx'

EXISTING LENGTH

=====

PROPOSED SIDE CURB

()

EXISTING ELEVATION/SLOPE

PROPOSED SIDEWALK

DETECTABLE WARNINGS

SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

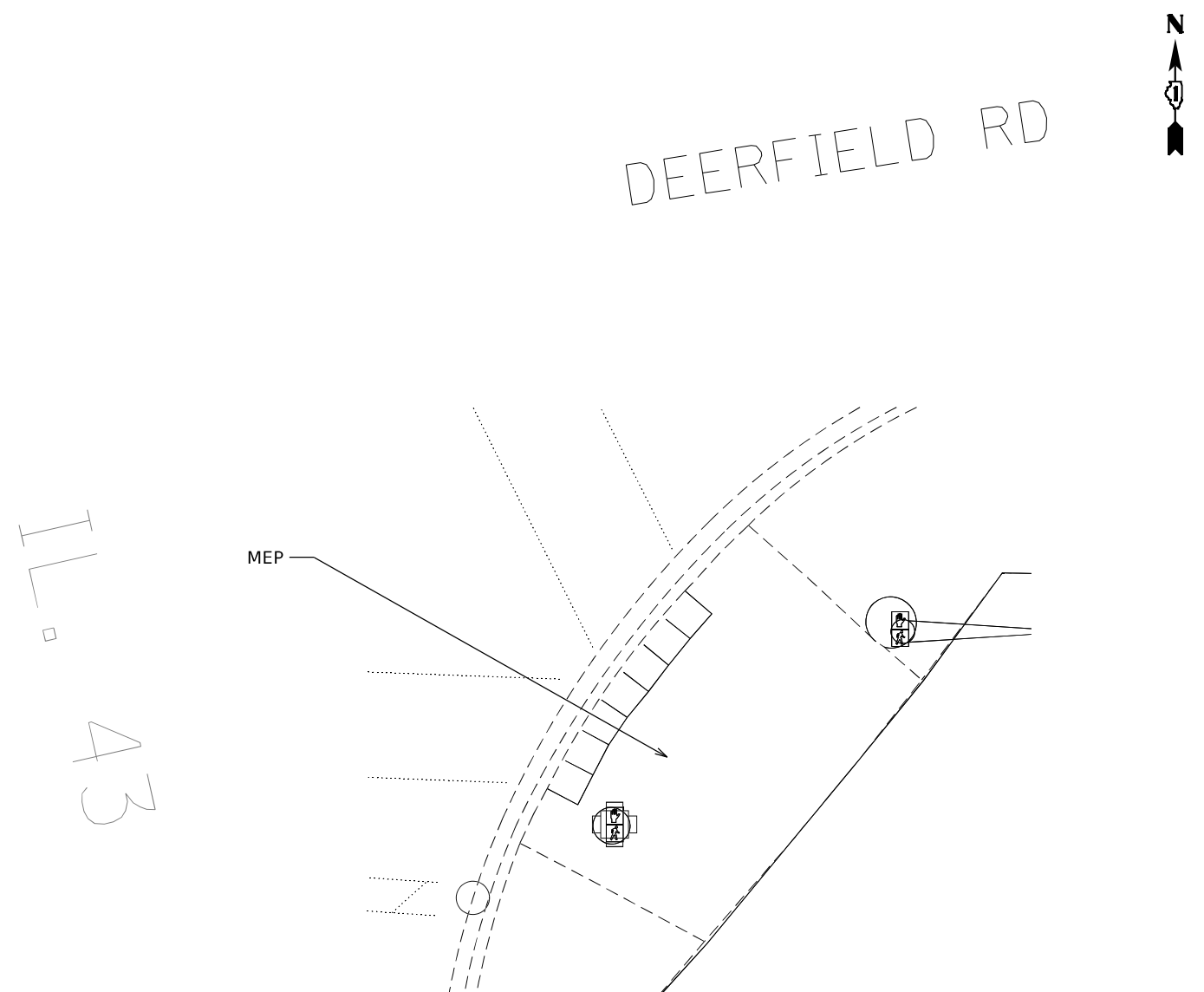
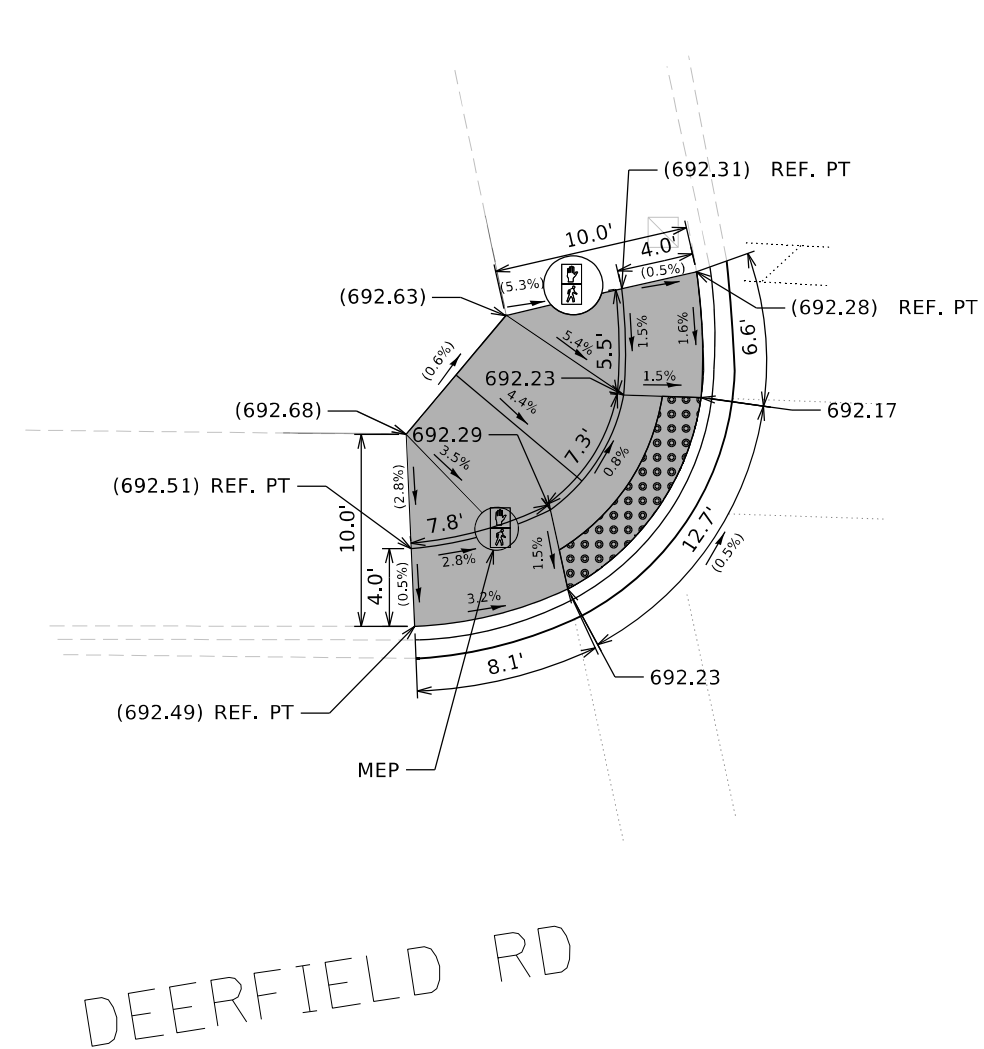
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS – ORCHARD ST
IL 43 (SOUTH OF IL 22 TO LAKE COOK RD)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2706	FAU 2706 22 RS	LAKE	72	31
CONTRACT NO. 62T71				
ILLINOIS FED. AID PROJECT				

MODEL: Default
FILE: \\na01c-pro\public\new_bentley.com\PIV\DOT\Documents\DOT_Offices\District_1\Projects\0131522\CADD\data\Design\0131522-phase 2_ADA.dgn



LEGEND

XX.XX¹

EXISTING LENGTH

PROPOSED SIDE CURB

()

EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

USER NAME = connor.mullane	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 10,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 6/30/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

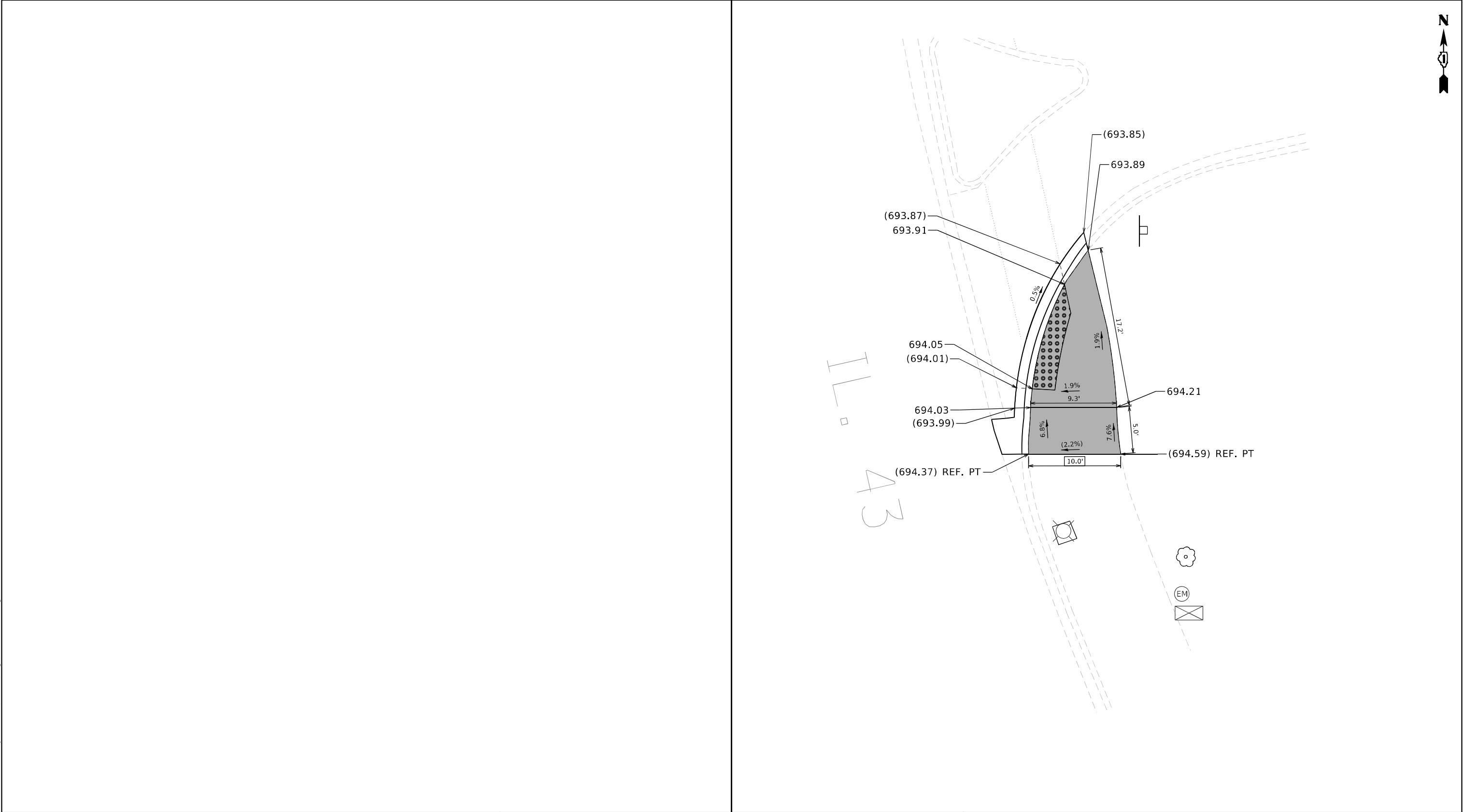
**ADA RAMP DETAILS – DEERFIELD RD
IL 43 (SOUTH OF IL 22 TO LAKE COOK RD)**

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2706	FAU 2706 22 RS	LAKE	72	32
		CONTRACT NO. 62T71		
		ILLINOIS	FED. AID PROJECT	

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LEGEND

xx.xx'

EXISTING LENGTH

=====

PROPOSED SIDE CURB

()

EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS – COMMERCIAL ENTRANCE – FANNIE MAY
IL 43 (SOUTH OF IL 22 TO LAKE COOK RD)

SCALE:

SHEET

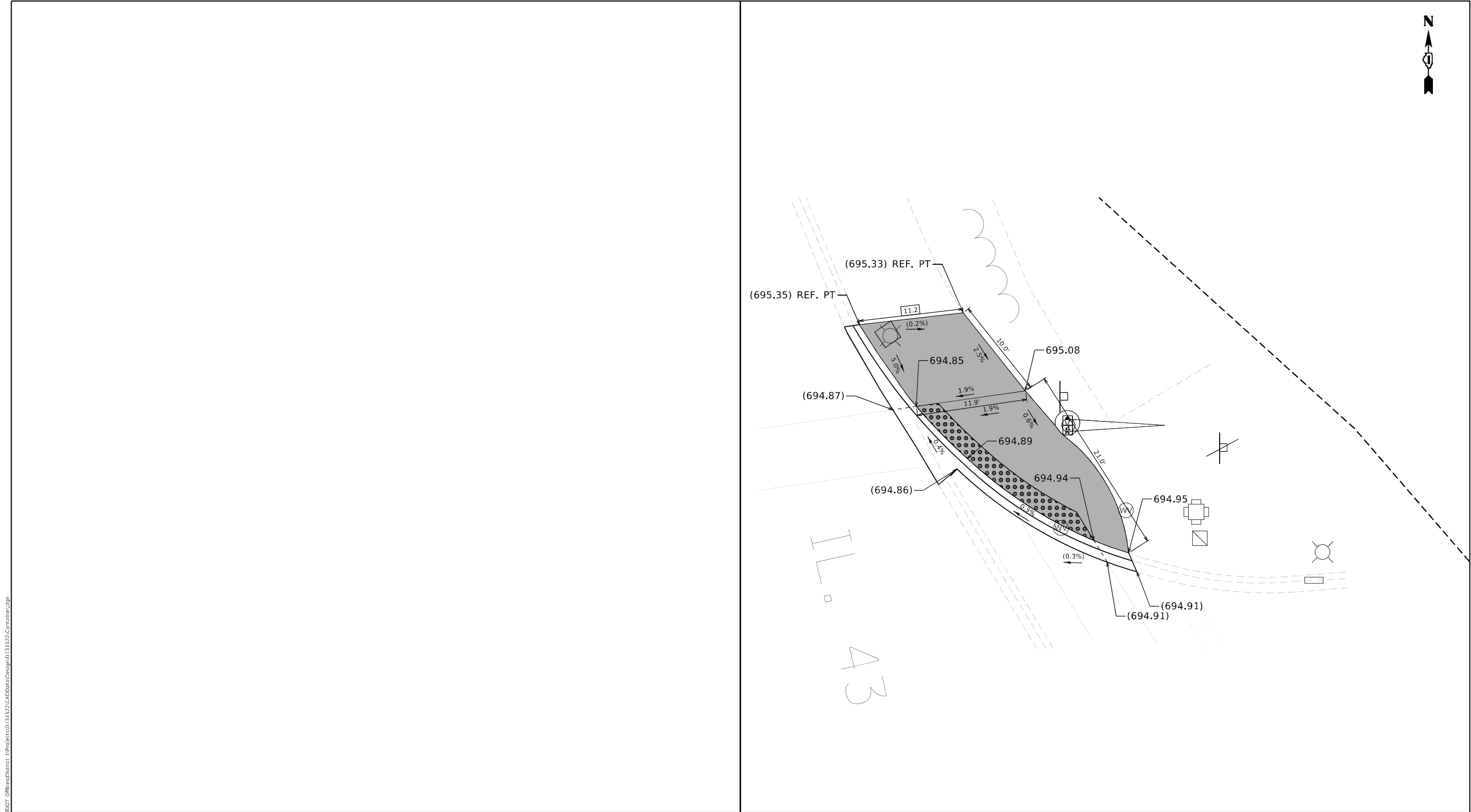
OF

SHEETS

STA.

TO STA.

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LEGEND

xx.xx'

EXISTING LENGTH

=====

PROPOSED SIDE CURB

()

EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV 696.11

BENCHMARK : SQUARE IN THE CONC BASE OF T.S. W/ ARM

LOCATION : N.E. CORNER IL 43 AND COMMERCIAL ENTRANCE - MALL

USER NAME = connor.mullane

DESIGNED -

REVISED -

DRAWN -

CHECKED -

REVISED -

PLOT SCALE = 10,0000' = 1 in.

DATE -

REVISED -

PLOT DATE = 6/30/2023

DATE -

REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS – COMMERCIAL ENTRANCE – FIRST MIDWEST BANK
IL 43 (SOUTH OF IL 22 TO LAKE COOK RD)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U.
RTE.

2706

SECTION

FAU 2706 22 RS

COUNTY

LAKE

TOTAL
SHEETS

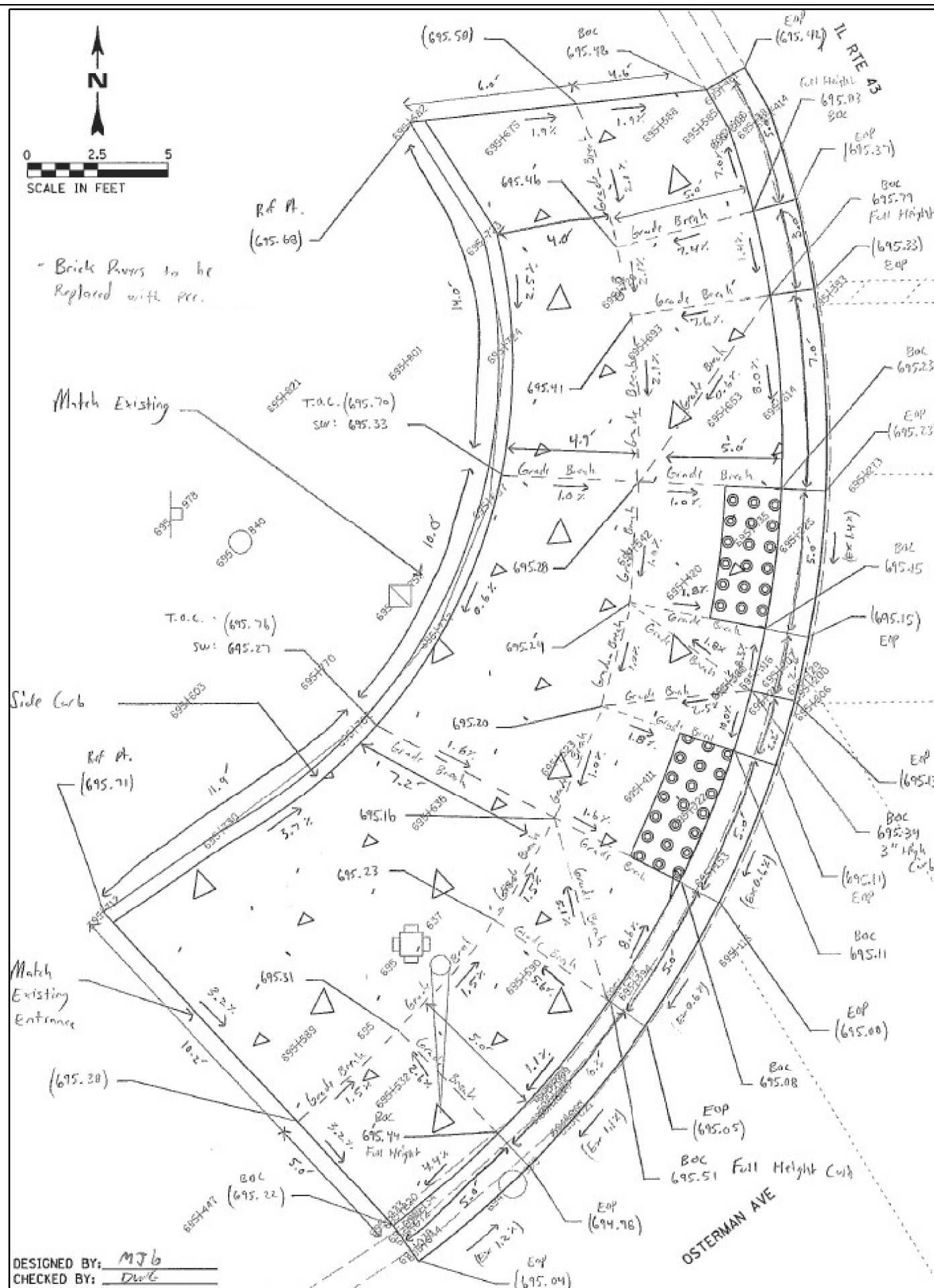
72

SHEET
NO.

34

CONTRACT NO. 62T71

ILLINOIS FED. AID PROJECT



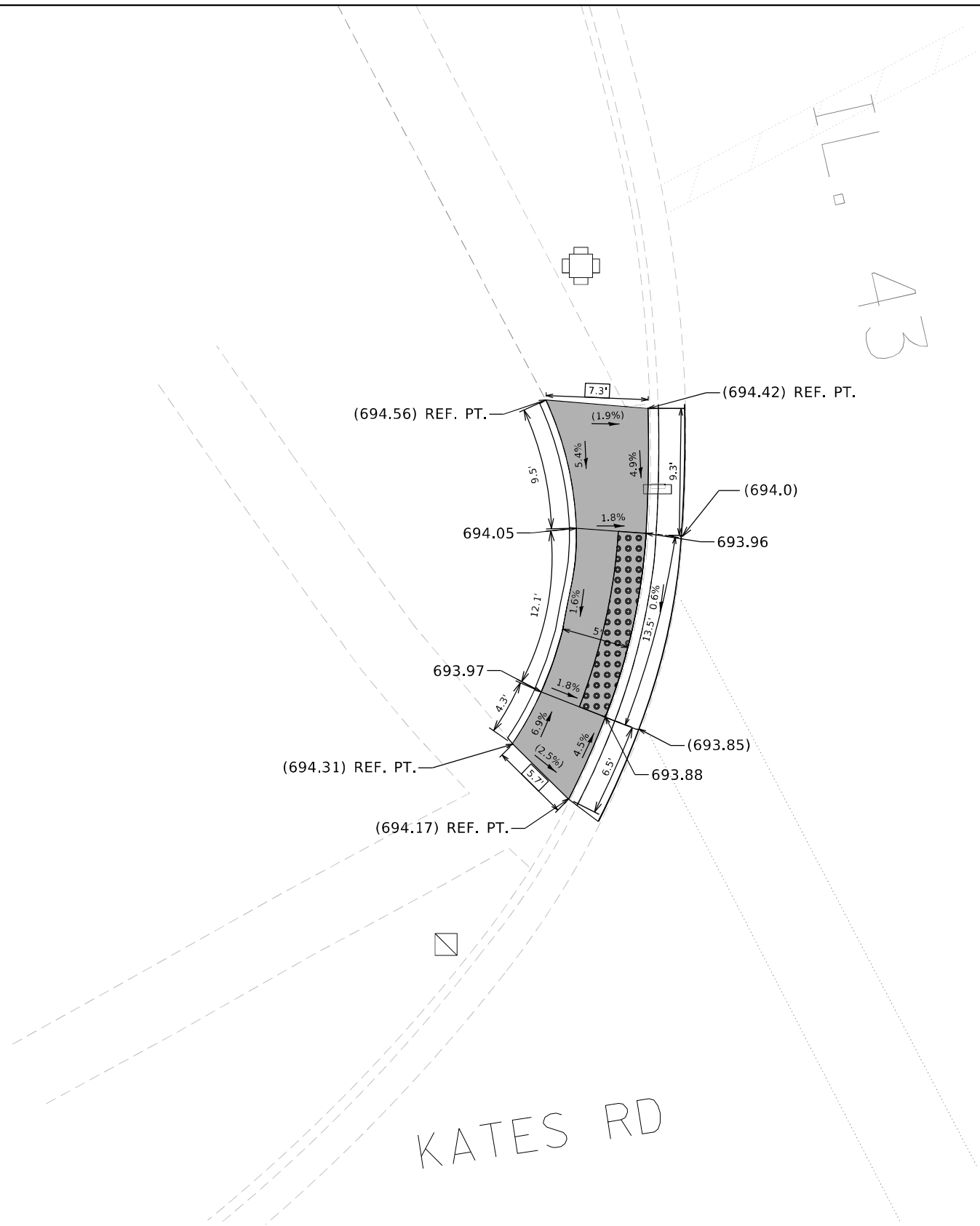
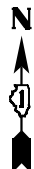
DESIGNED BY: MJB
CHECKED BY: DW/G

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS – OSTERMAN AVE / LONGFELLOW AVE
IL 43 (SOUTH OF IL 22 TO LAKE COOK RD)**

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2706	FAU 2706 22 RS	LAKE	72	35
		CONTRACT NO. 62T71		
		ILLINOIS	FED. AID PROJECT	



REFERENCE BENCHMARK ELEV 694.78

BENCHMARK : SQUARE IN THE E. CONC BASE OF T.S.

LOCATION : N.W. CORNER IL 43 AND KATES RD

LEGEND

xx.xx'

EXISTING LENGTH

==

PROPOSED SIDE CURB

()

EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

MODEL: Default
FILE: kates_road_sod.dwg
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USER NAME	= connor.mullane
PLOT SCALE	= 10,0000' = 1 in.
PLOT DATE	= 6/30/2023

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

REVISED	-
REVISED	-
REVISED	-
REVISED	-

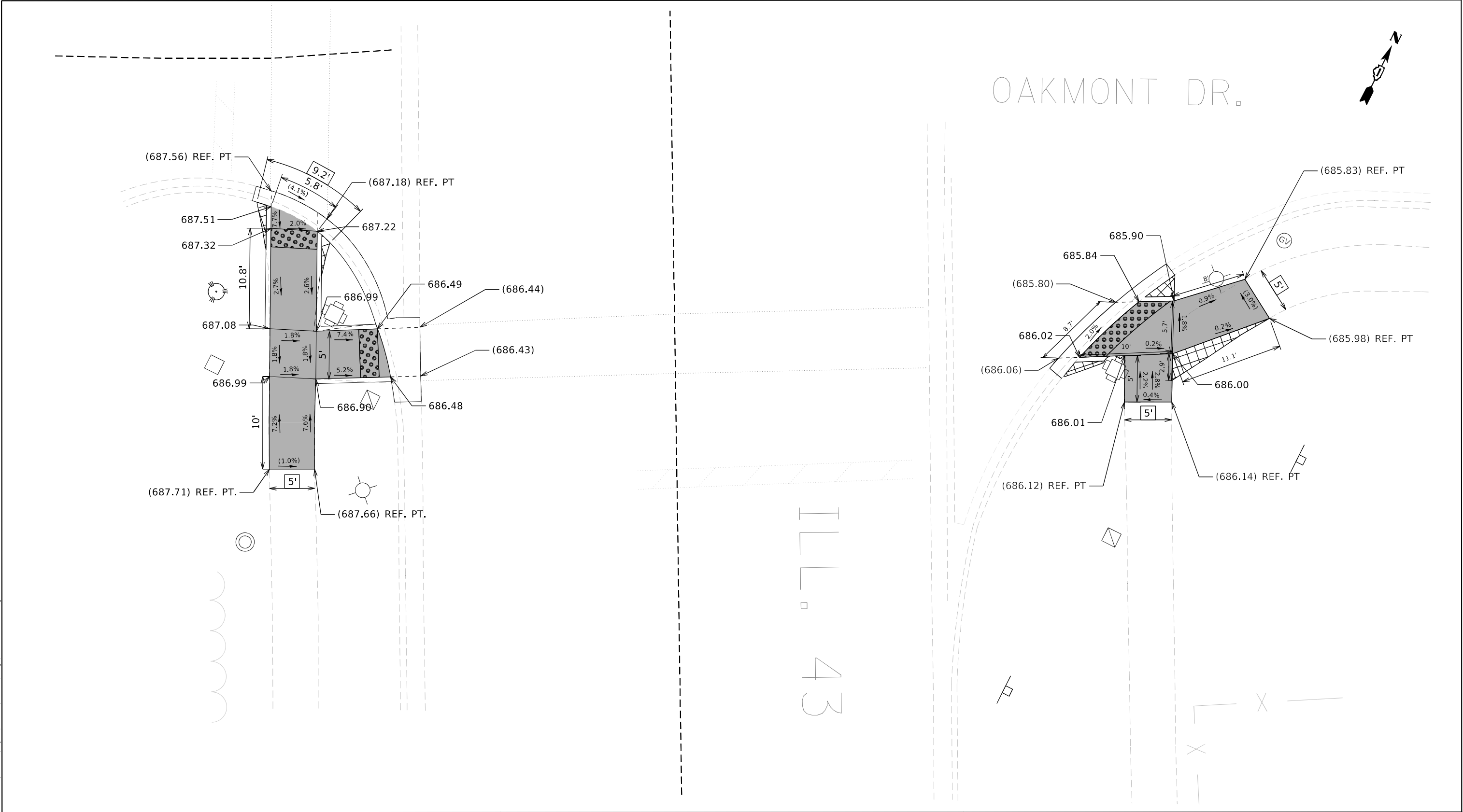
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS – KATES RD
IL 43 (SOUTH OF IL 22 TO LAKE COOK RD)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2706	FAU 2706 22 RS	LAKE	72	39
CONTRACT NO. 62T71				
ILLINOIS FED. AID PROJECT				

MODEL Default
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REFERENCE BENCHMARK ELEV 687.87

BENCHMARK : SQUARE IN THE E. CONC BASE OF T.S. W/ ARM

LOCATION : S.W. CORNER IL 43 AND OAKMONT DR

LEGEND

xx.xx'

EXISTING LENGTH

=====

PROPOSED SIDE CURB

()

EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV 687.87

BENCHMARK : SQUARE IN THE E. CONC BASE OF T.S. W/ ARM

LOCATION : S.W. CORNER IL 43 AND OAKMONT DR

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS – OAKMONT DR
IL 43 (SOUTH OF IL 22 TO LAKE COOK RD)**

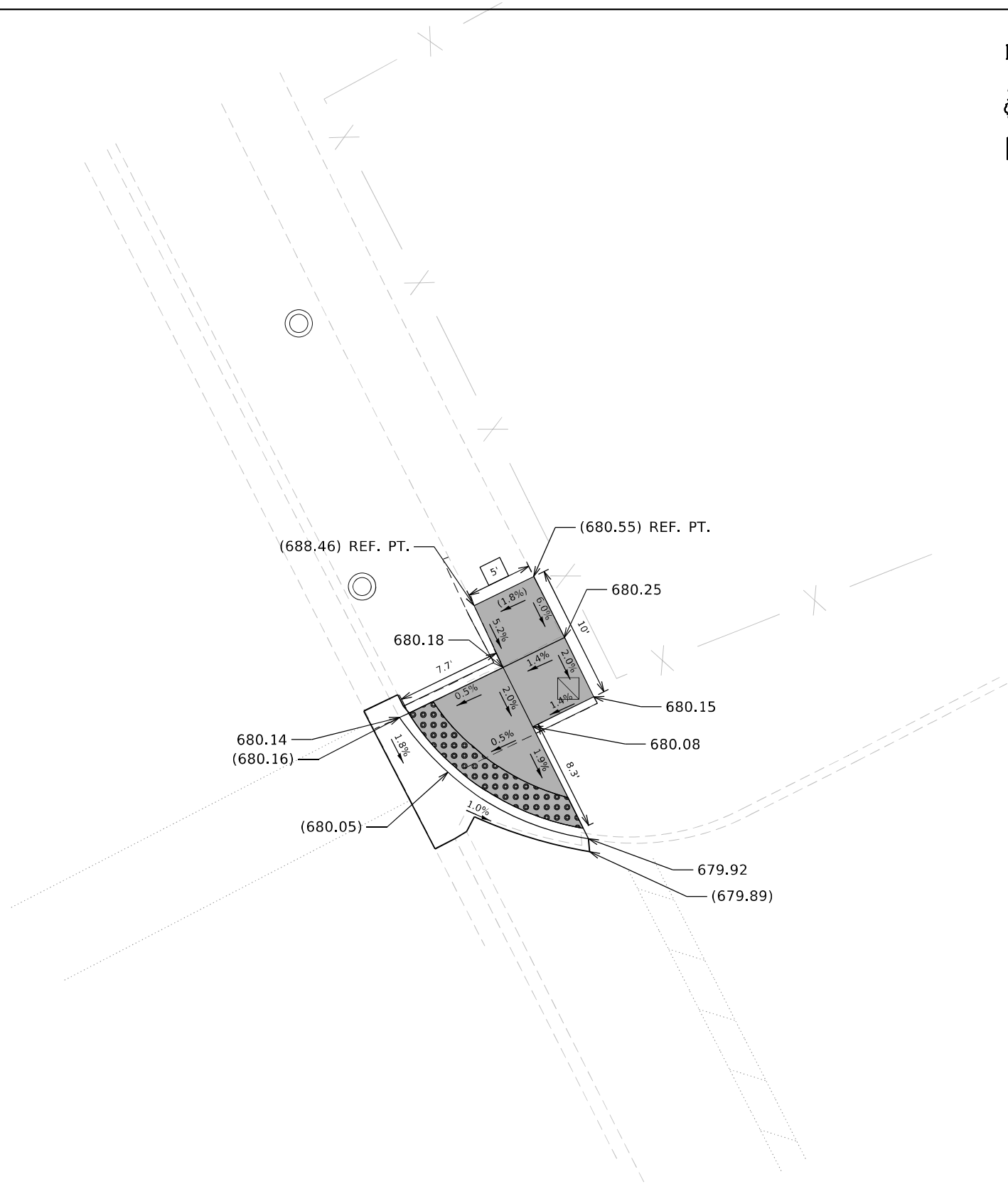
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2706	FAU 2706 22 RS	LAKE	72	40
CONTRACT NO. 62T71				
ILLINOIS FED. AID PROJECT				

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IL 3



LEGEND

xx.xx'

EXISTING LENGTH

=====

PROPOSED SIDE CURB

()

EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV 680.70

BENCHMARK : SQUARE IN THE W. CONC BASE OF T.S. W/ ARM

LOCATION : N.E. CORNER IL 43 AND COMMERCIAL ENTRANCE - MCDONALDS

USER NAME = connor.mullane

DESIGNED -

REVISED -

DRAWN -

CHECKED -

REVISED -

PLOT SCALE = 10,0000' = 1 in.

DATE -

REVISED -

PLOT DATE = 6/29/2023

DATE -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS – COMMERCIAL ENTRANCE – MCDONALDS
IL 43 (SOUTH OF IL 22 TO LAKE COOK RD)

SCALE:

SHEET

OF

SHEETS

STA.

TO STA.

F.A.U.
RTE.

2706

SECTION

FAU 2706 22 RS

COUNTY

LAKE

TOTAL
SHEETS

72

SHEET
NO.

41

CONTRACT NO. 62T71

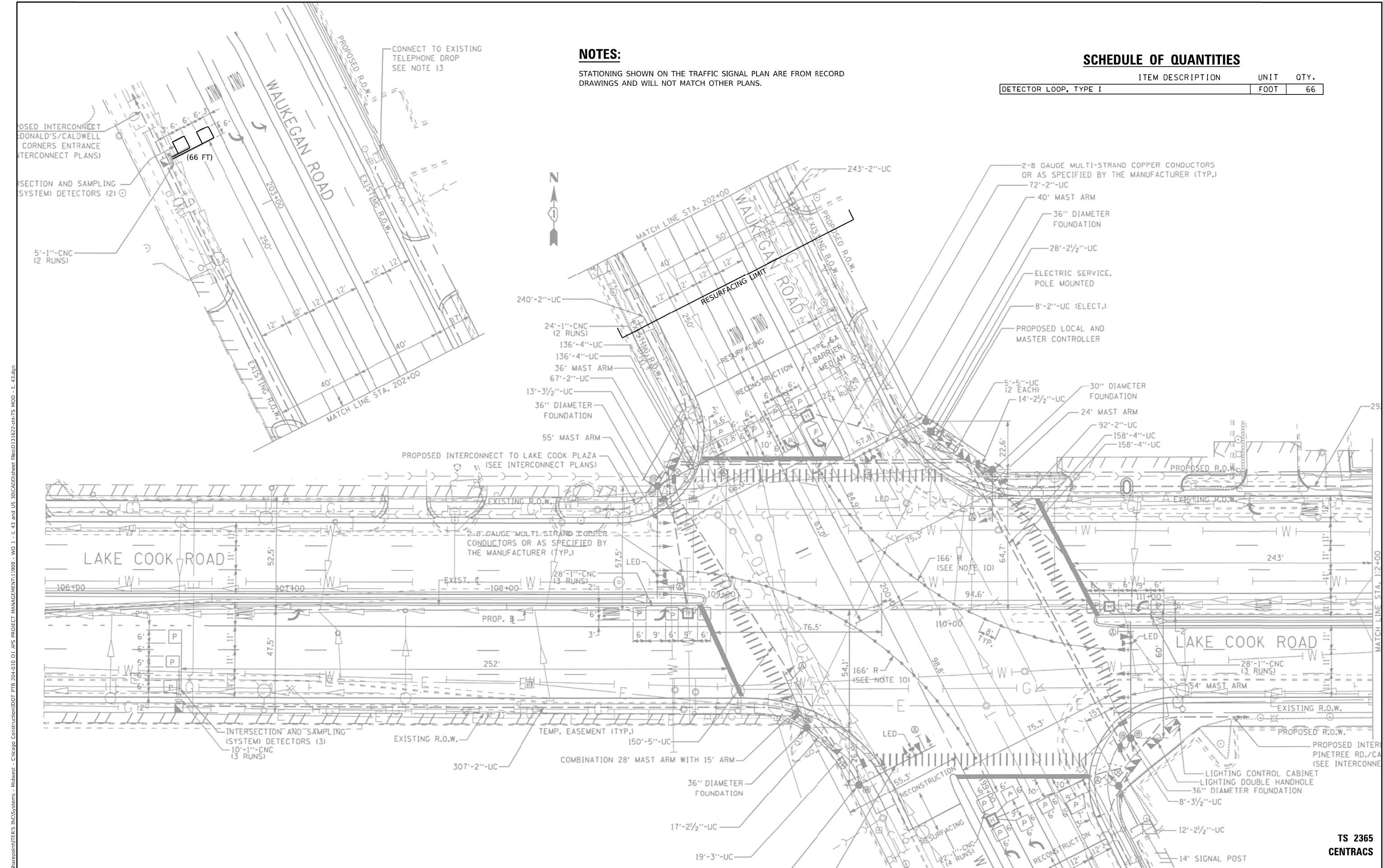
ILLINOIS FED. AID PROJECT

NOTES:

STATIONING SHOWN ON THE TRAFFIC SIGNAL PLAN ARE FROM RECORD DRAWINGS AND WILL NOT MATCH OTHER PLANS.

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
DETECTOR LOOP, TYPE I	FOOT	66



MODEL: Default
FILE NAME: Chicago\apointers\INCLSystems - Midwest - Chicago Construction\DOT_PTB 204\DOT D1 APS PROJECT MANAGEMENT\11908 - WD 1 - IL 43 and US 30CADD\Sheet files\DOT\31622-sh-TS MOD - IL 43.dgn



USER NAME = bfunk	DESIGNED - BF	REVISED -
	DRAWN - BF	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - AG	REVISED -
PLOT DATE = 2/27/2023	DATE - 2/27/23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APS AND DETECTOR LOOP INSTALLATION PLAN			
IL ROUTE 43 (WAUKEGAN ROAD) AND LAKE COOK ROAD			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2706	FAU 2706 22 RS	LAKE	72	42
CONTRACT NO. 62T71				
ILLINOIS FED. AID PROJECT				

TS 2365
CENTRACS

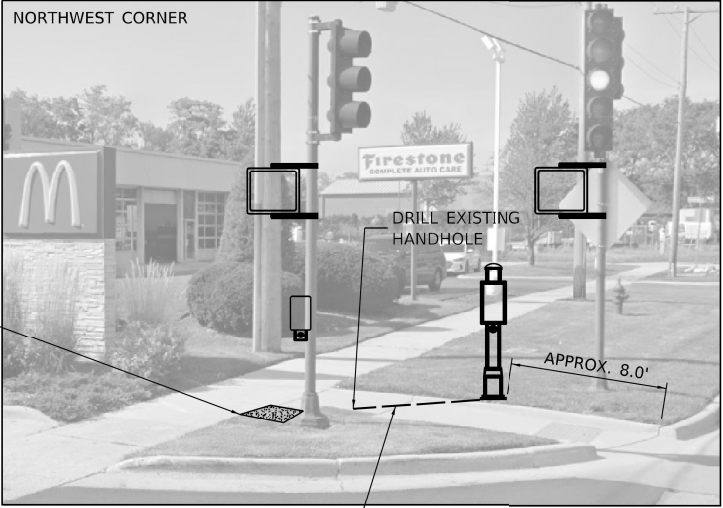
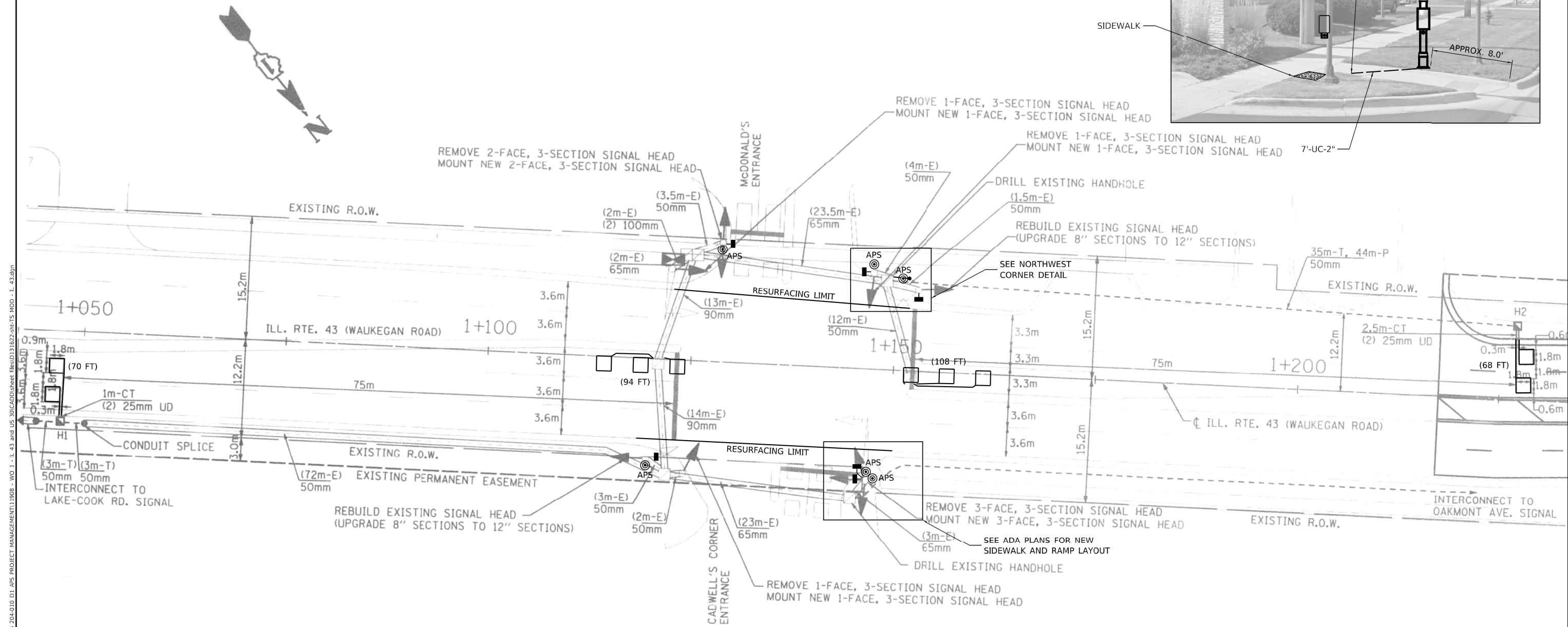
NOTES:

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

APS BUTTONS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.

STATIONING SHOWN ON THE TRAFFIC SIGNAL PLAN ARE FROM RECORD DRAWINGS AND WILL NOT MATCH OTHER PLANS.

MODEL Default
FILE NAME C:\sharepoint\ITERS\INC\Systems - Midwest - Chicago Construction\DOT PFB 204-D10 D1 APS PROJECT MANAGEMENT\11908 - WD 1 - IL 43 and US 30CADD\Sheet files\D131622-eh-TS MOD - IL 43.dgn



TS 12915
CENTRACS



USER NAME = bfunk	DESIGNED - BF	REVISED -
	DRAWN - BF	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - AG	REVISED -
PLOT DATE = 2/27/2023	DATE - 2/27/23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

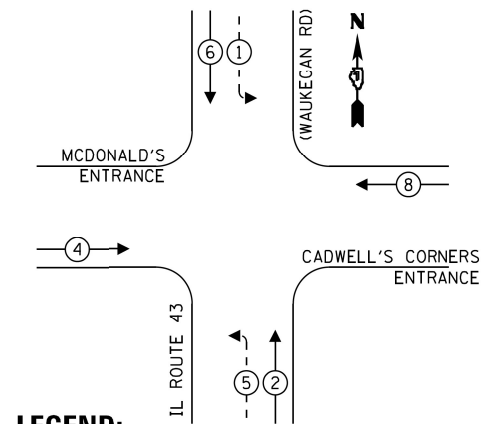
APS AND DETECTOR LOOP INSTALLATION PLAN
IL ROUTE 43 (WAUKEGAN ROAD) AND McDONALD'S / CADWELL'S

SCALE: SHEET OF SHEETS STA. TO STA.

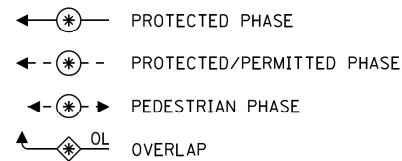
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2706	FAU 2706 22 RS	LAKE	72	43
CONTRACT NO. 62T71				
ILLINOIS FED. AID PROJECT				

EXISTING CONTROLLER SEQUENCE

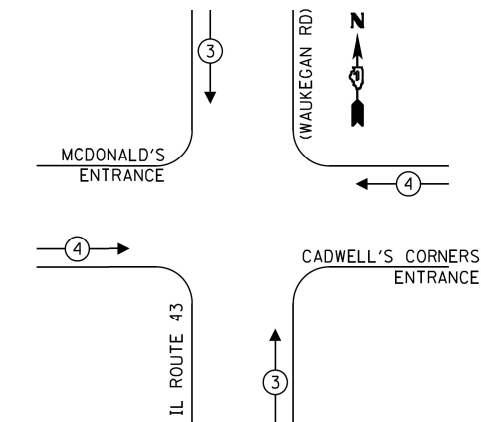
PROPOSED CONTROLLER SEQUENCE



LEGEND:



EMERGENCY VEHICLE PREEMPTION SEQUENCE



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS				
TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	14	11	50	77.0
(YELLOW)	14	20	5	14.0
(GREEN)	14	12	45	75.6
PERMISSIVE ARROW	8	10	10	8.0
PED. SIGNAL	-	10	100	-
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	-	-	-
BLANK-OUT SIGN	-	-	-	-
FLASHER	-	-	-	-
STREET NAME SIGN	-	-	-	-
LUMINAIRE	-	-	-	-
			TOTAL =	299.6

ENERGY COSTS - BILLED TO:

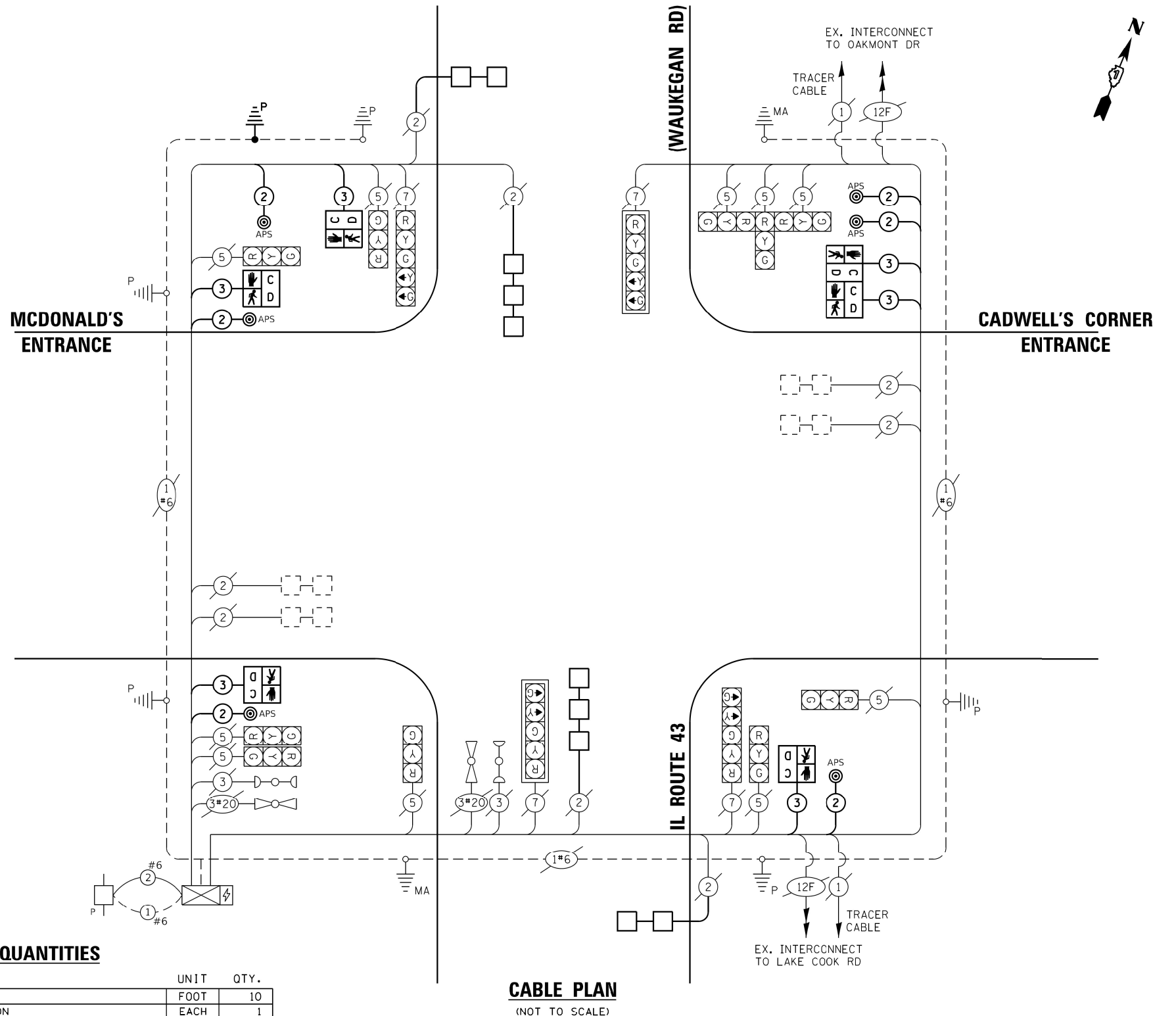
ILLINOIS DEPT OF TRANSPORTATION
201 W CENTER COURT
SCHAUMBURG, IL 60196

ENERGY SUPPLY - CONTACT: -

PHONE: 847-816-5248
COMPANY: COM. EDISON

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	10
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	857
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	885
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	18
DRILL EXISTING HANDHOLE	EACH	1
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4
PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	1
DETECTOR LOOP, TYPE I	FOOT	340
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	6
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	4



CABLE PLAN

(NOT TO SCALE)

iteris®

USER NAME	= bfunk
PLOT SCALE	= 100.0000 ' / in.
PLOT DATE	= 3/20/2023

DESIGNED - KSB	REVISED -
DRAWN - KSB	REVISED -
CHECKED - BF	REVISED -
DATE - 3/13/23	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC SIGNAL CABLE PLAN

IL ROUTE 43 (WAUKEGAN ROAD) AND McDONALD'S / CADWELL'S

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2706	FAU 2706 22 RS	LAKE	72	44
		CONTRACT NO. 62T71		
ILLINOIS		FED. AID PROJECT		

TS 12915
ENTRACS

REMOVAL AND RELOCATION NOTES:

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

3 EACH PEDESTRIAN PUSH-BUTTON

ALL EXISTING PEDESTRIAN PUSH-BUTTONS SHALL BE REMOVED.

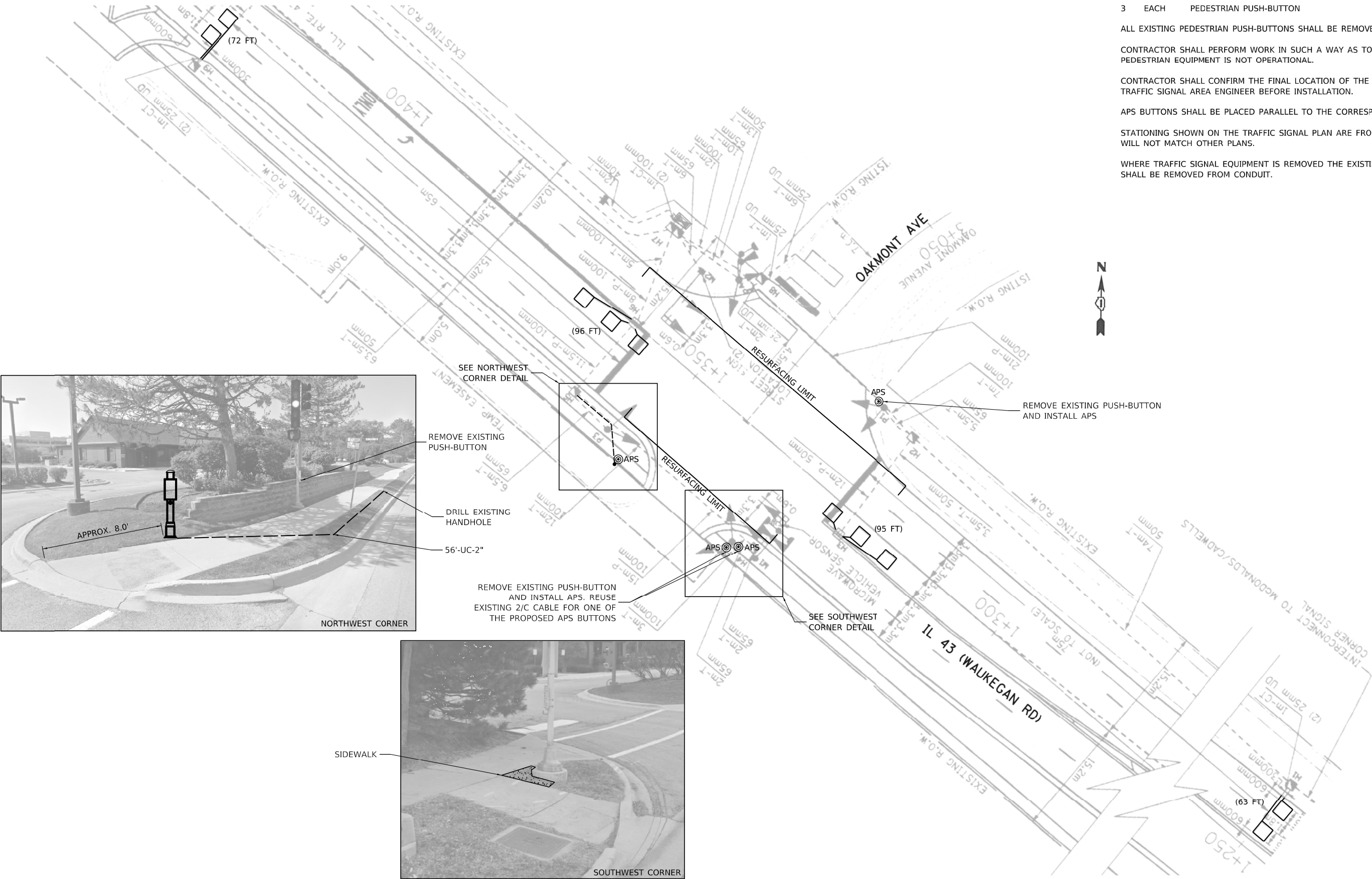
CONTRACTOR SHALL PERFORM WORK IN SUCH A WAY AS TO MINIMIZE THE TIME THE PEDESTRIAN EQUIPMENT IS NOT OPERATIONAL.

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

APS BUTTONS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.

STATIONING SHOWN ON THE TRAFFIC SIGNAL PLAN ARE FROM RECORD DRAWINGS AND WILL NOT MATCH OTHER PLANS.

WHERE TRAFFIC SIGNAL EQUIPMENT IS REMOVED THE EXISTING ELECTRICAL CABLE SHALL BE REMOVED FROM CONDUIT.



TS 2367
CENTRACS



USER NAME = bfunk	DESIGNED - BF	REVISED -
	DRAWN - BF	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - AG	REVISED -
PLOT DATE = 3/13/2023	DATE - 3/13/23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APS AND DETECTOR LOOP INSTALLATION PLAN
IL ROUTE 43 (WAUKEGAN ROAD) AND OAKMONT DRIVE

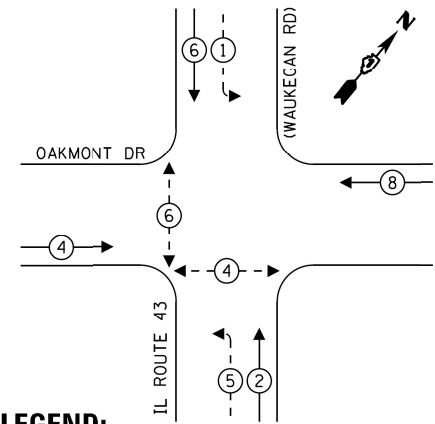
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2706	FAU 2706 22 RS	LAKE	72	45
CONTRACT NO. 62T71				
ILLINOIS FED. AID PROJECT				

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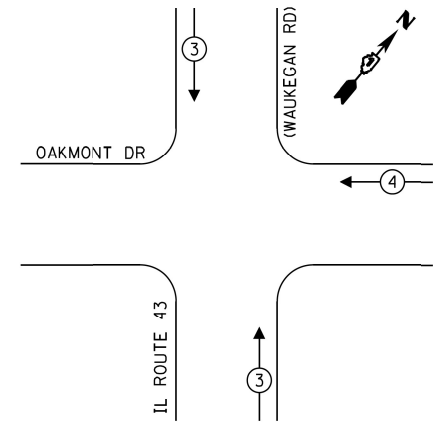
EXISTING CONTROLLER SEQUENCE



LEGEND:

- ←(*) PROTECTED PHASE
- ←-(*)- PROTECTED/PERMITTED PHASE
- ←-(*)→ PEDESTRIAN PHASE
- ↗ OL OVERLAP

EMERGENCY VEHICLE
PREEMPTION SEQUENCE



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS				
TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	12	11	50	66.0
(YELLOW)	12	20	5	12.0
(GREEN)	12	12	45	64.8
PERMISSIVE ARROW	8	10	10	8.0
PED. SIGNAL	4	10	100	40.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	-	-	-
BLANK-OUT SIGN	-	-	-	-
FLASHER	-	-	-	-
STREET NAME SIGN	-	-	-	-
LUMINAIRE	-	-	-	-
TOTAL =				315.8

ENERGY COSTS - BILLED TO:
ILLINOIS DEPT OF TRANSPORTATION
201 W CENTER COURT
SCHAUMBURG, IL 60196

ENERGY SUPPLY - CONTACT: -
PHONE: 847-816-5248
COMPANY: COM. EDISON

iteris

USER NAME	= bfunck
PLOT SCALE	= 100.0000 ' / in.
PLOT DATE	= 3/20/2023

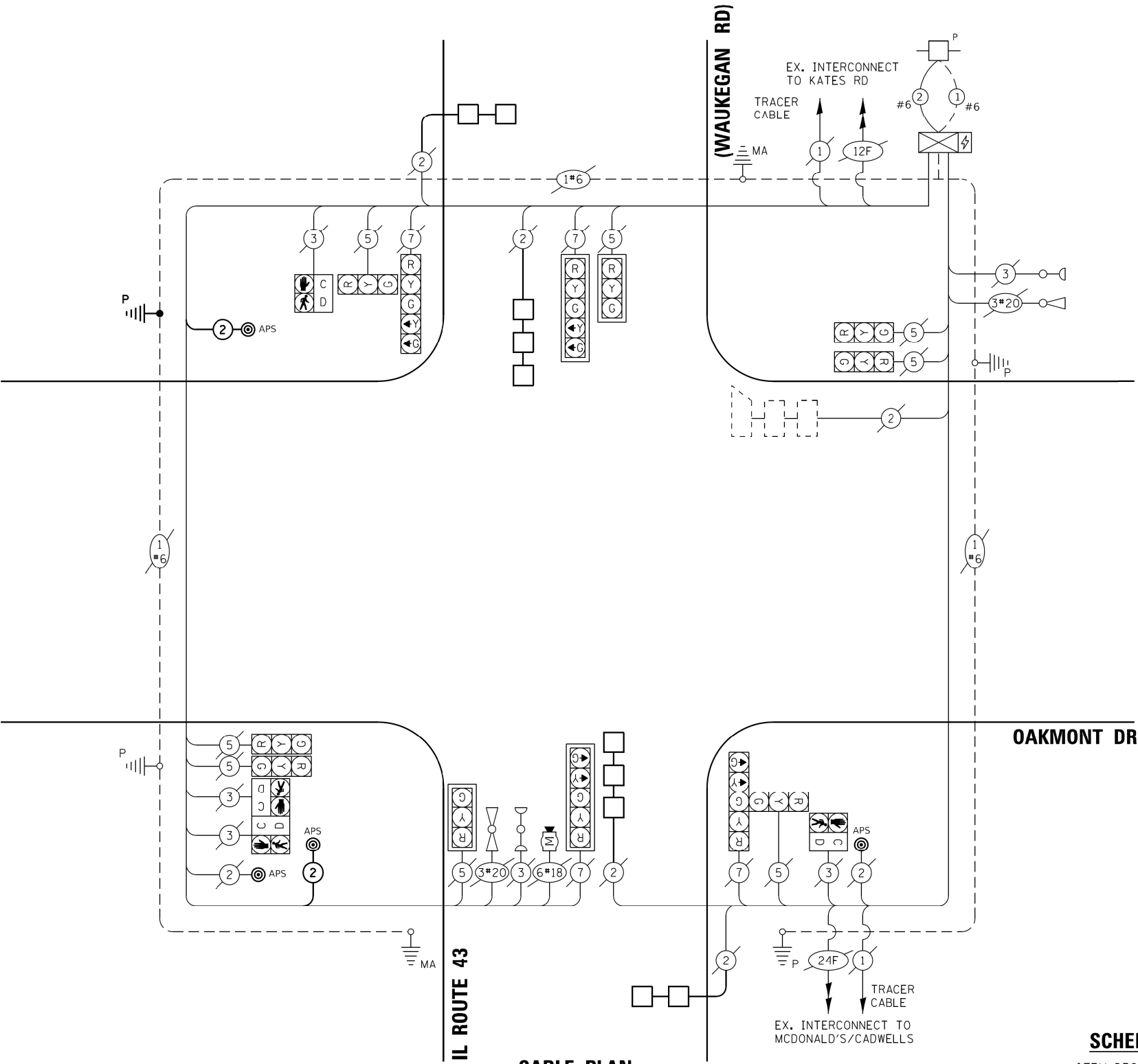
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DRAWN -	KSB	REVISED -	—
CHECKED -	BF	REVISED -	—
DATE -	3/13/23	REVISED -	—

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL CABLE PLAN
IL ROUTE 43 (WAUKEGAN ROAD) AND OAKMONT DRIVE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2706	FAU 2706 22 RS	LAKE	72	46
CONTRACT NO. 62T71				
ILLINOIS FED. AID PROJECT				



CABLE PLAN
(NOT TO SCALE)

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	59
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	412
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	67
DRILL EXISTING HANDHOLE	EACH	1
DETECTOR LOOP, TYPE I	FOOT	326
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	4
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	4

TS 2367
CENTRACS

REMOVAL AND RELOCATION NOTES:

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

2 EACH PEDESTRIAN PUSH-BUTTON

ALL EXISTING PEDESTRIAN PUSH-BUTTONS SHALL BE REMOVED.

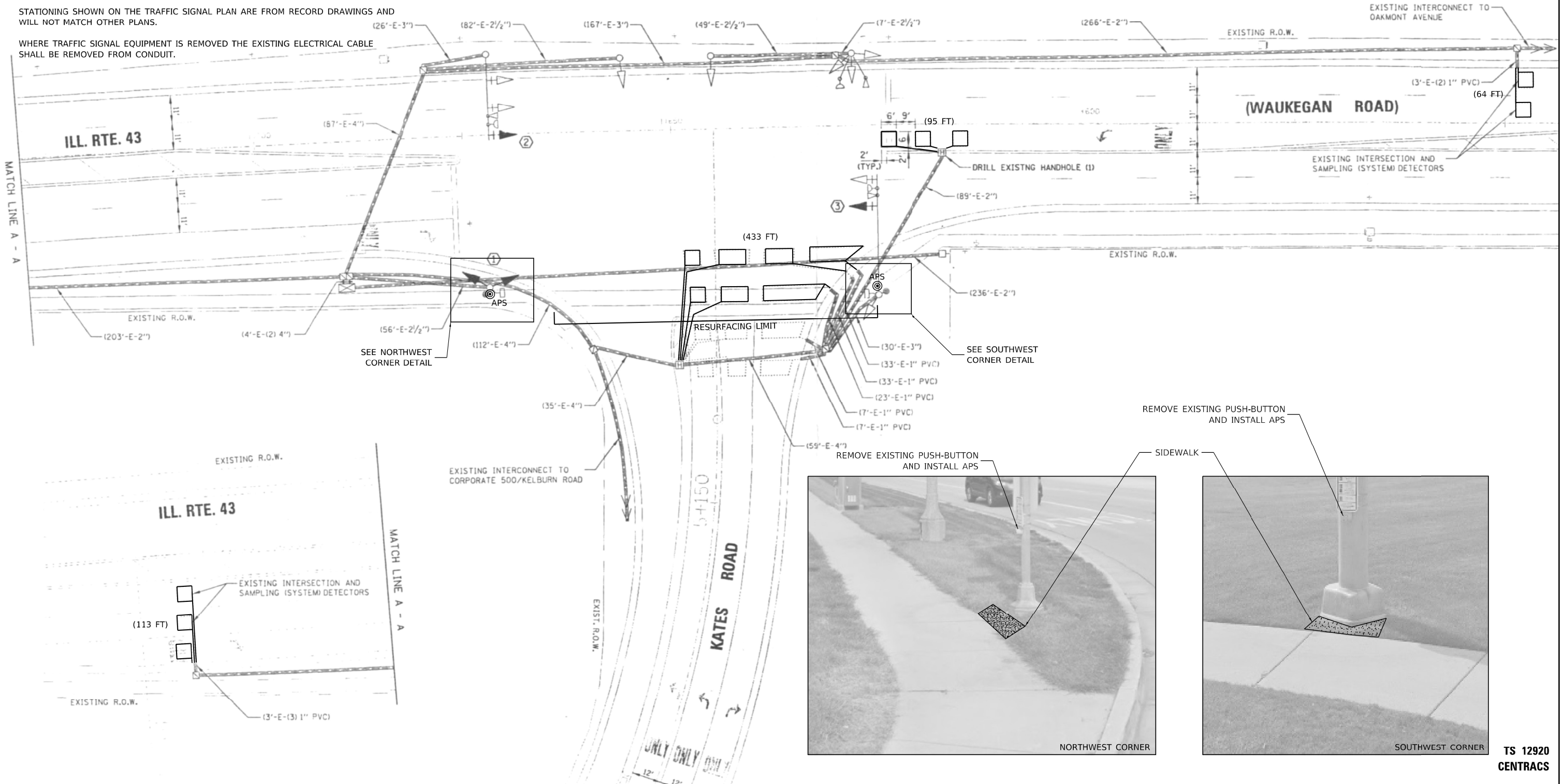
CONTRACTOR SHALL PERFORM WORK IN SUCH A WAY AS TO MINIMIZE THE TIME THE PEDESTRIAN EQUIPMENT IS NOT OPERATIONAL.

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

APS BUTTONS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.

STATIONING SHOWN ON THE TRAFFIC SIGNAL PLAN ARE FROM RECORD DRAWINGS AND WILL NOT MATCH OTHER PLANS.

WHERE TRAFFIC SIGNAL EQUIPMENT IS REMOVED THE EXISTING ELECTRICAL CABLE SHALL BE REMOVED FROM CONDUIT.



USER NAME	= bfunk
PLOT SCALE	= 100.0000' / in.
PLOT DATE	= 3/13/2023

DESIGNED	- BF
DRAWN	- BF
CHECKED	- AG
DATE	- 3/13/23

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

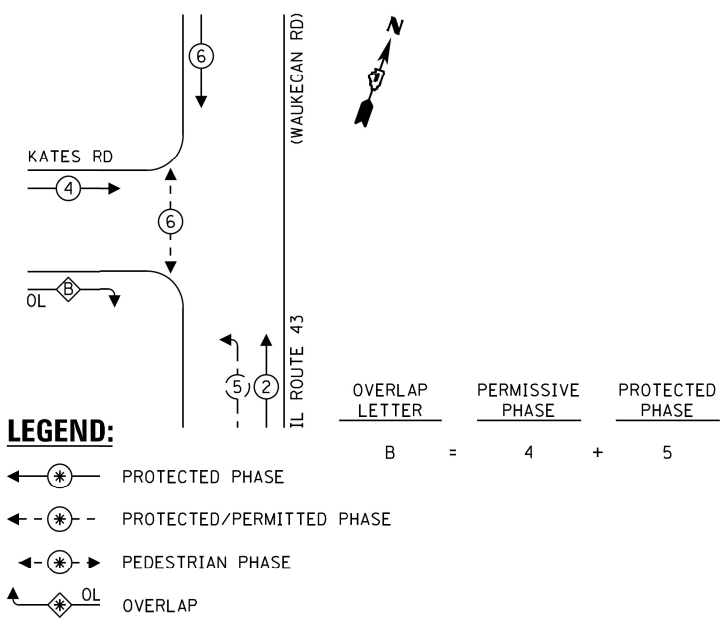
APS AND DETECTOR LOOP INSTALLATION PLAN
IL ROUTE 43 (WAUKEGAN ROAD) AND KATES ROAD

SCALE: SHEET OF SHEETS STA. TO STA.

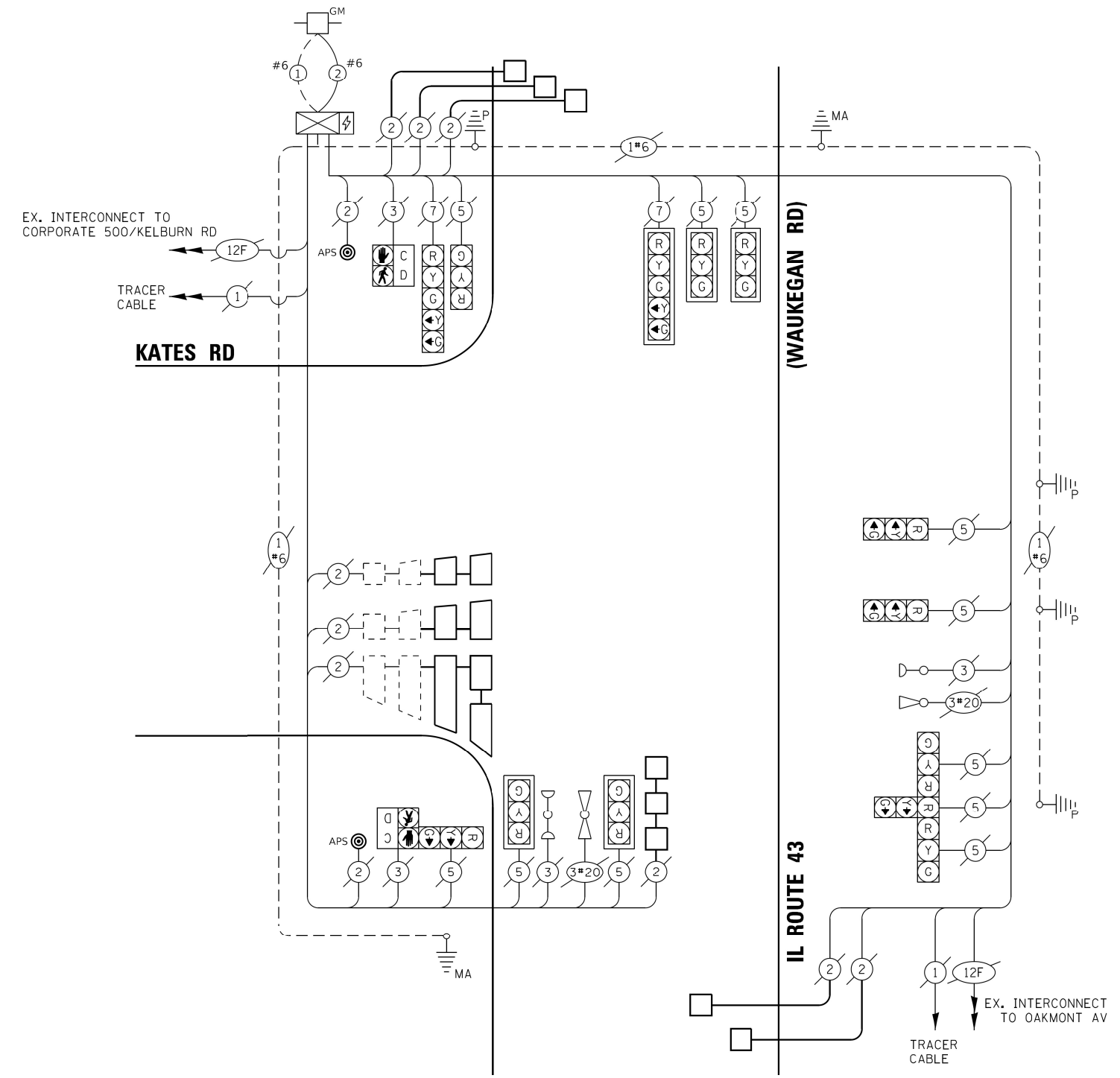
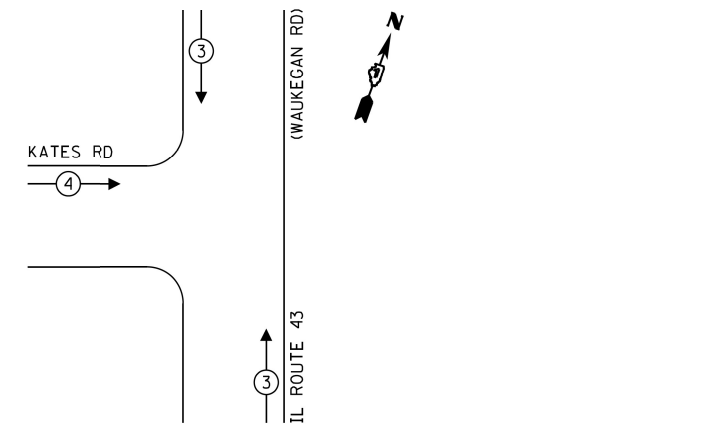
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2706	FAU 2706 22 RS	LAKE	72	47
CONTRACT NO. 62T71				
ILLINOIS FED. AID PROJECT				

TS 12920
CENTRACS

EXISTING CONTROLLER SEQUENCE



EMERGENCY VEHICLE
PREEMPTION SEQUENCE



CABLE PLAN
(NOT TO SCALE)

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
DETECTOR LOOP, TYPE I	FOOT	705
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	2

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS				
TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	13	11	50	71.5
(YELLOW)	9	20	5	9.0
(GREEN)	9	12	45	48.6
PERMISSIVE ARROW	12	10	10	12.0
PED. SIGNAL	2	10	100	20.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	-	-	-
BLANK-OUT SIGN	-	-	-	-
FLASHER	-	-	-	-
STREET NAME SIGN	-	-	-	-
LUMINAIRE	-	-	-	-
TOTAL =				286.1

ENERGY COSTS - BILLED TO:
ILLINOIS DEPT OF TRANSPORTATION
201 W CENTER COURT
SCHAUMBURG, IL 60196

ENERGY SUPPLY - CONTACT: -
PHONE: 847-816-5248
COMPANY: COM. EDISON



USER NAME	= bfunck
PLOT SCALE	= 100.0000' / in.
PLOT DATE	= 3/13/2023

DESIGNED -	KSB	REVISED -	---
DRAWN -	KSB	REVISED -	---
CHECKED -	BF	REVISED -	---
DATE -	3/13/23	REVISED -	---

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL CABLE PLAN
IL ROUTE 43 (WAUKEGAN ROAD) AND KATES ROAD

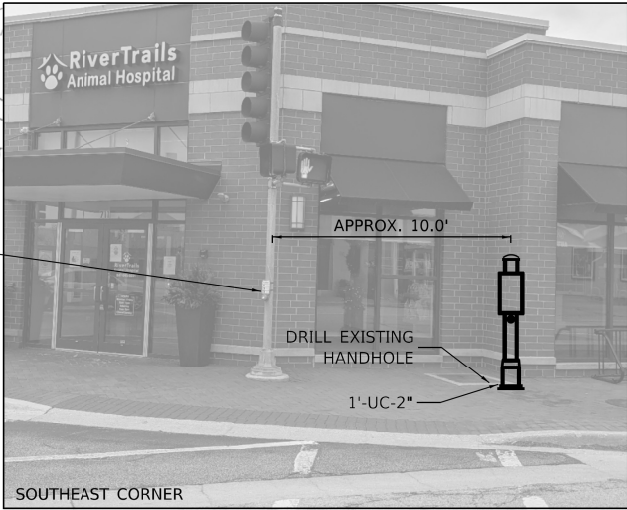
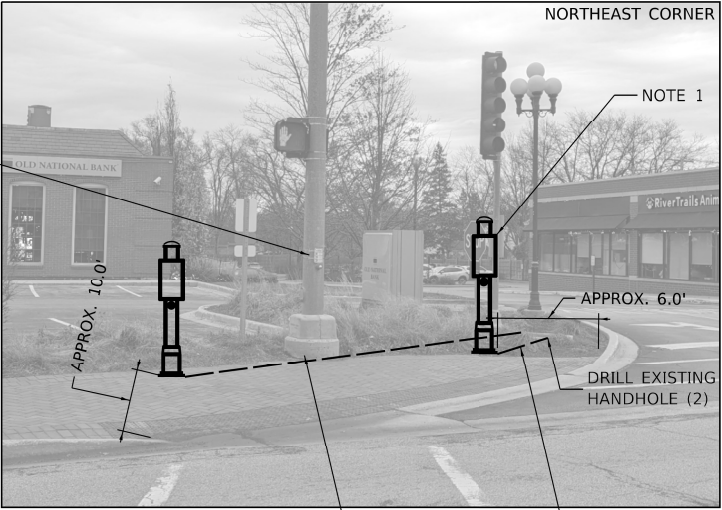
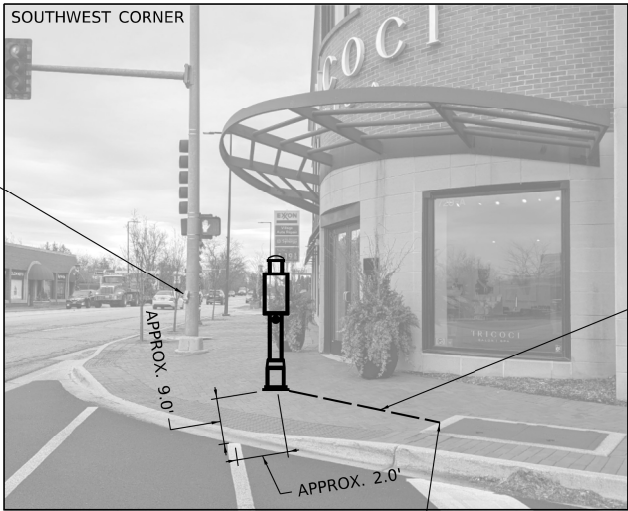
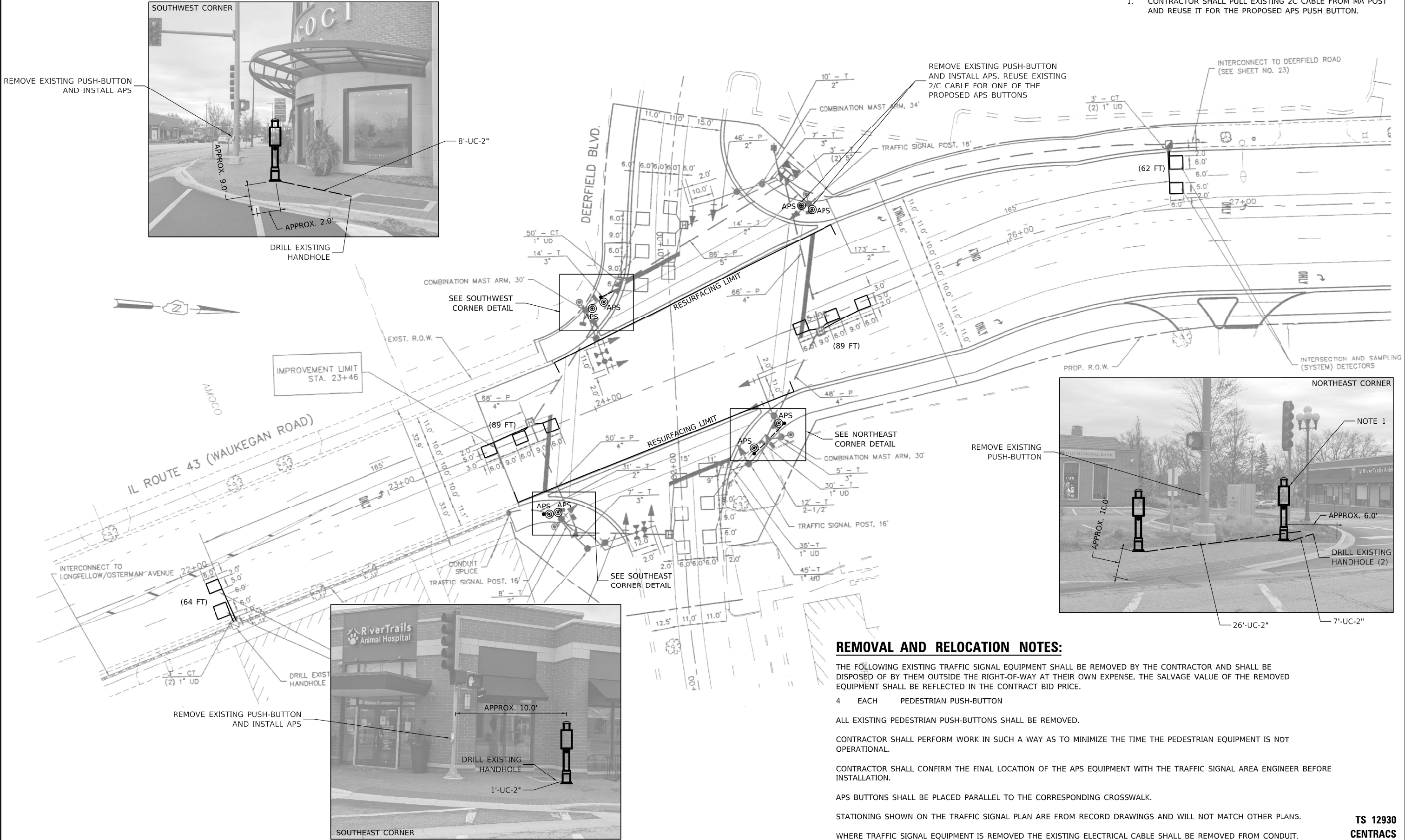
SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2706	FAU 2706 22 RS	LAKE	72	48
CONTRACT NO. 62T71				
ILLINOIS FED. AID PROJECT				

TS 12920
CENTRACS

NOTES:

1. CONTRACTOR SHALL PULL EXISTING 2C CABLE FROM MA POST AND REUSE IT FOR THE PROPOSED APS PUSH BUTTON.



REMOVAL AND RELOCATION NOTES:

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

4 EACH PEDESTRIAN PUSH-BUTTON

ALL EXISTING PEDESTRIAN PUSH-BUTTONS SHALL BE REMOVED.

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

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

APS BUTTONS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.

STATIONING SHOWN ON THE TRAFFIC SIGNAL PLAN ARE FROM RECORD DRAWINGS AND WILL NOT MATCH OTHER PLANS.

WHERE TRAFFIC SIGNAL EQUIPMENT IS REMOVED THE EXISTING ELECTRICAL CABLE SHALL BE REMOVED FROM CONDUIT.

TS 12930
CENTRACS

iteris

USER NAME = bfunk	DESIGNED - BF	REVISED -
	DRAWN - BF	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - AG	REVISED -
PLOT DATE = 2/27/2023	DATE - 2/27/23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APS AND DETECTOR LOOP INSTALLATION PLAN
IL ROUTE 43 (WAUKEGAN ROAD) AND DEERFIELD BOULEVARD

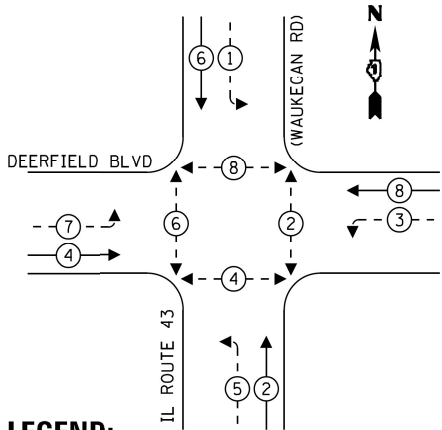
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2706	FAU 2706 22 RS	LAKE	72	49
CONTRACT NO. 62T71				
ILLINOIS FED. AID PROJECT				

MODEL Default
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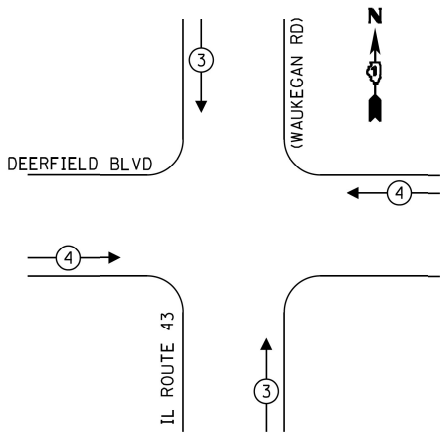
EXISTING CONTROLLER SEQUENCE



LEGEND:

- ←(*) PROTECTED PHASE
- ←-(*)- PROTECTED/PERMITTED PHASE
- ←-(*)→ PEDESTRIAN PHASE
- ←◇OL OVERLAP

EMERGENCY VEHICLE
PREEMPTION SEQUENCE



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS				
TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	12	11	50	66.0
(YELLOW)	12	20	5	12.0
(GREEN)	12	12	45	64.8
PERMISSIVE ARROW	16	10	10	16.0
PED. SIGNAL	8	10	100	80.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	-	-	-
BLANK-OUT SIGN	-	-	-	-
FLASHER	-	-	-	-
STREET NAME SIGN	-	-	-	-
LUMINAIRE	-	-	-	-
TOTAL =				363.8

ENERGY COSTS - BILLED TO:

ILLINOIS DEPT OF TRANSPORTATION
201 W CENTER COURT
SCHAUMBURG, IL 60196

ENERGY SUPPLY - CONTACT: -

PHONE: 847-816-5248
COMPANY: COM. EDISON

iteris

USER NAME = bfunck
PLOT SCALE = 100.0000' / in.
PLOT DATE = 3/20/2023

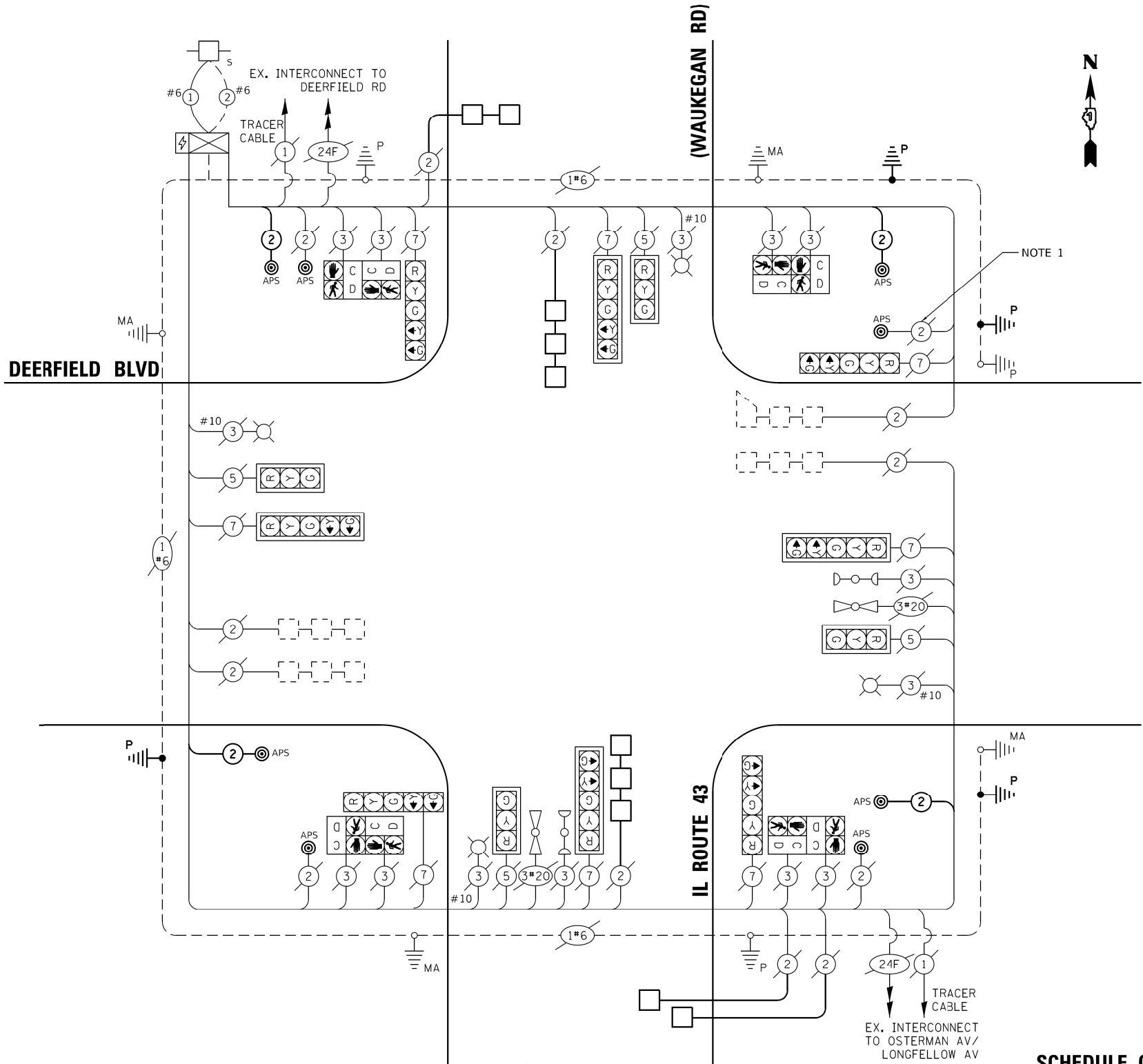
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CHECKED - BF	REVISED -
DATE - 3/13/23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL CABLE PLAN
IL ROUTE 43 (WAUKEGAN ROAD) AND DEERFIELD BOULEVARD

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2706	FAU 2706 22 RS	LAKE	72	50
CONTRACT NO. 62T71				
ILLINOIS FED. AID PROJECT				



CABLE PLAN
(NOT TO SCALE)

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	54
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	823
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	93
DRILL EXISTING HANDHOLE	EACH	4
DETECTOR LOOP, TYPE I	FOOT	304
REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	17
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

TS 12930
CENTRACS

REMOVAL AND RELOCATION NOTES:

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

8 EACH PEDESTRIAN PUSH-BUTTON

ALL EXISTING PEDESTRIAN PUSH-BUTTONS SHALL BE REMOVED.

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

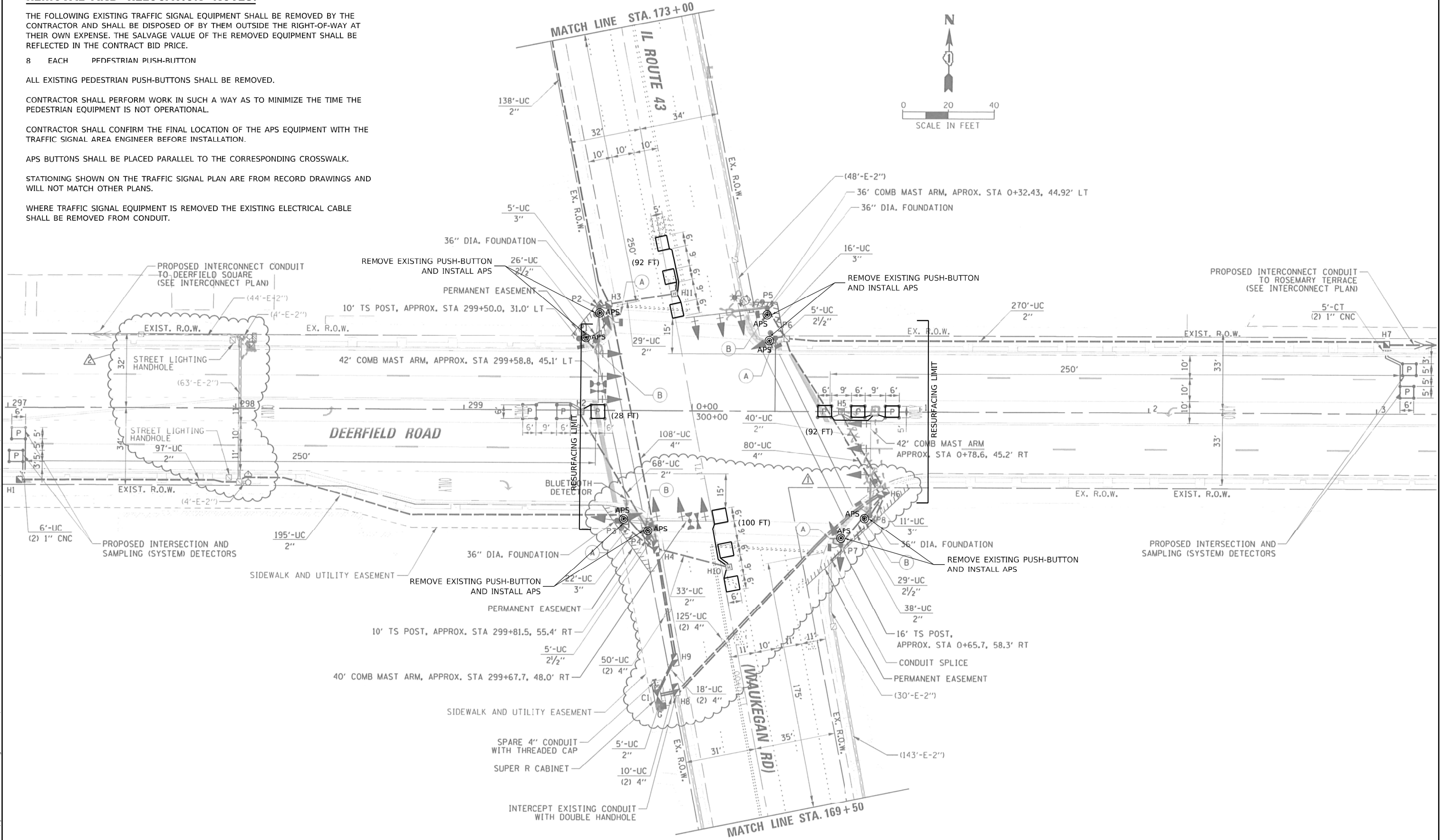
CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE APS EQUIPMENT WITH THE TRAFFIC SIGNAL AREA ENGINEER BEFORE INSTALLATION.

APS BUTTONS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.

STATIONING SHOWN ON THE TRAFFIC SIGNAL PLAN ARE FROM RECORD DRAWINGS AND WILL NOT MATCH OTHER PLANS.

WHERE TRAFFIC SIGNAL EQUIPMENT IS REMOVED THE EXISTING ELECTRICAL CABLE SHALL BE REMOVED FROM CONDUIT.

MODEL: Default
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USER NAME = bfunk	DESIGNED - BF	REVISED -
	DRAWN - BF	REVISED -
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PLOT DATE = 2/27/2023	DATE - 2/27/23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APS AND DETECTOR LOOP INSTALLATION PLAN
IL ROUTE 43 (WAUKEGAN ROAD) AND DEERFIELD ROAD

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2706	FAU 2706 22 RS	LAKE	72	51
CONTRACT NO. 62T71				
ILLINOIS FED. AID PROJECT				

TS 12935
CENTRACS

MODEL: Default
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USER NAME = bfunk	DESIGNED - BF	REVISED -
	DRAWN - BF	REVISED -
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PLOT DATE = 2/27/2023	DATE - 2/27/23	REVISED -

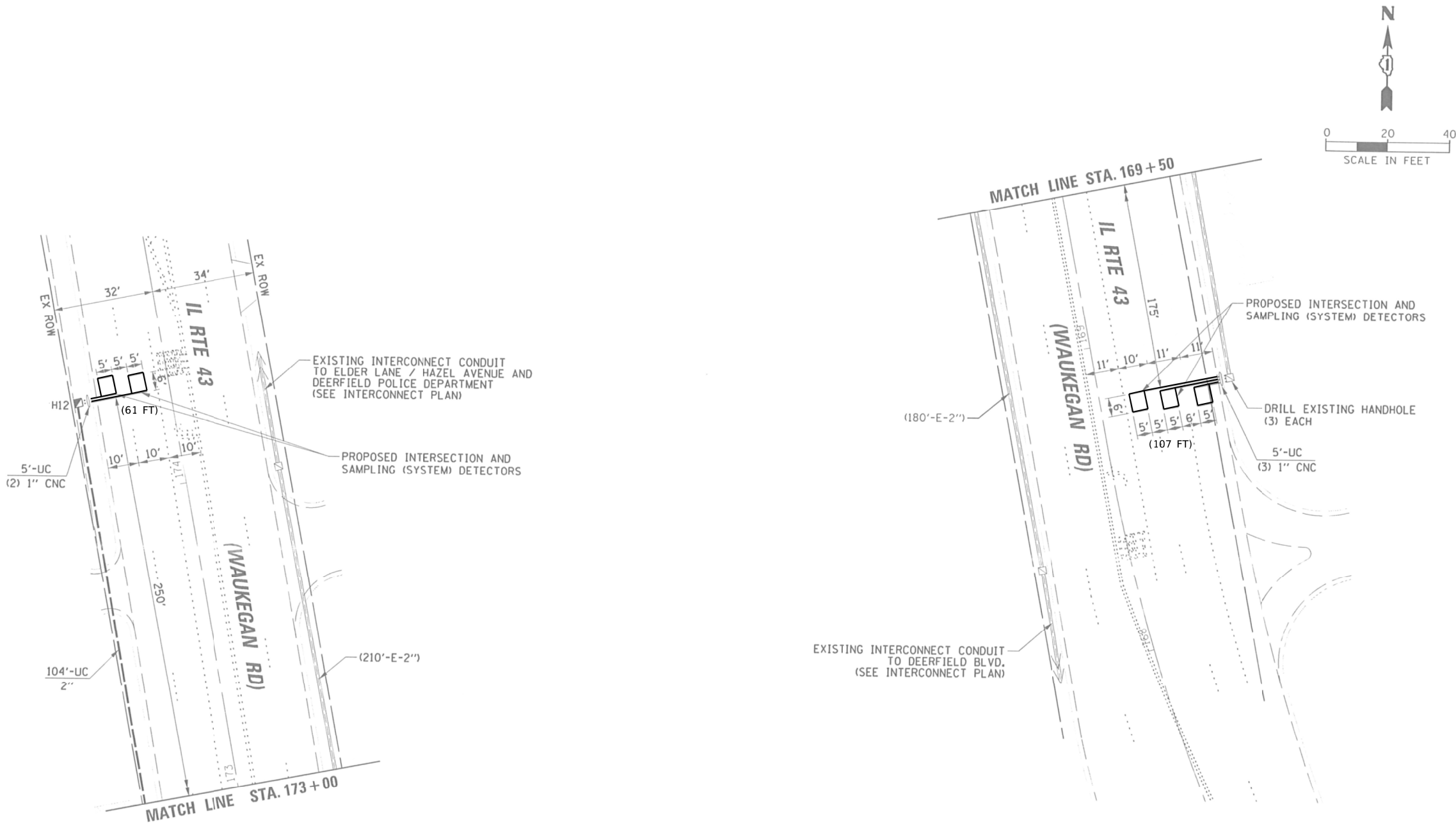
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APS AND DETECTOR LOOP INSTALLATION PLAN
IL ROUTE 43 (WAUKEGAN ROAD) AND DEERFIELD ROAD

SCALE: SHEET OF SHEETS STA. TO STA.

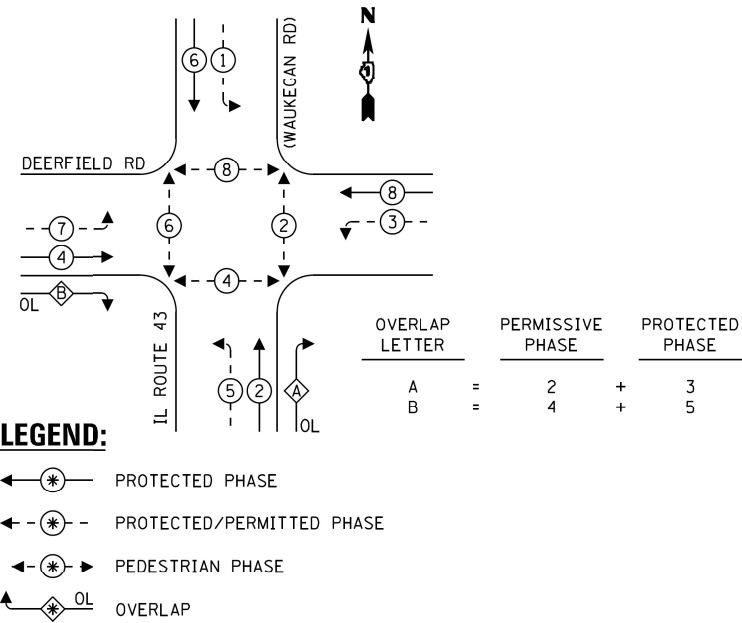
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2706	FAU 2706 22 RS	LAKE	72	52
CONTRACT NO. 62T71				
ILLINOIS FED. AID PROJECT				

TS 12935
CENTRACS

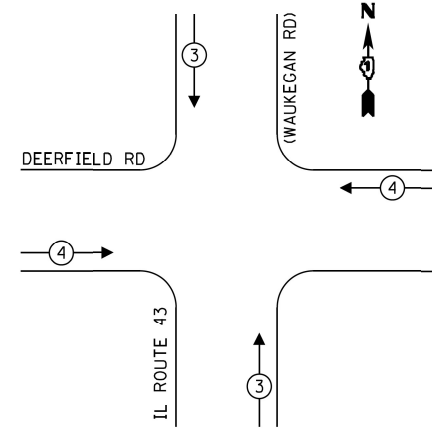


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EXISTING CONTROLLER SEQUENCE



EMERGENCY VEHICLE
PREEMPTION SEQUENCE



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS				
TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	18	11	50	99.0
(YELLOW)	18	20	5	18.0
(GREEN)	18	12	45	97.2
PERMISSIVE ARROW	24	10	10	24.0
PED. SIGNAL	8	10	100	80.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	-	-	-
BLANK-OUT SIGN	-	-	-	-
FLASHER	-	-	-	-
STREET NAME SIGN	-	-	-	-
LUMINAIRE	4	400	50	800.0
TOTAL =				1243.2

ENERGY COSTS - BILLED TO:
ILLINOIS DEPT OF TRANSPORTATION
201 W CENTER COURT
SCHAUMBURG, IL 60196

ENERGY SUPPLY - CONTACT: -
PHONE: 847-816-5248
COMPANY: COM. EDISON

iteris

USER NAME	= bfunck
PLOT SCALE	= 100.0000' / in.
PLOT DATE	= 3/13/2023

DESIGNED	- KSB	REVISED	-
DRAWN	- KSB	REVISED	-
CHECKED	- BF	REVISED	-
DATE	- 3/13/23	REVISED	-

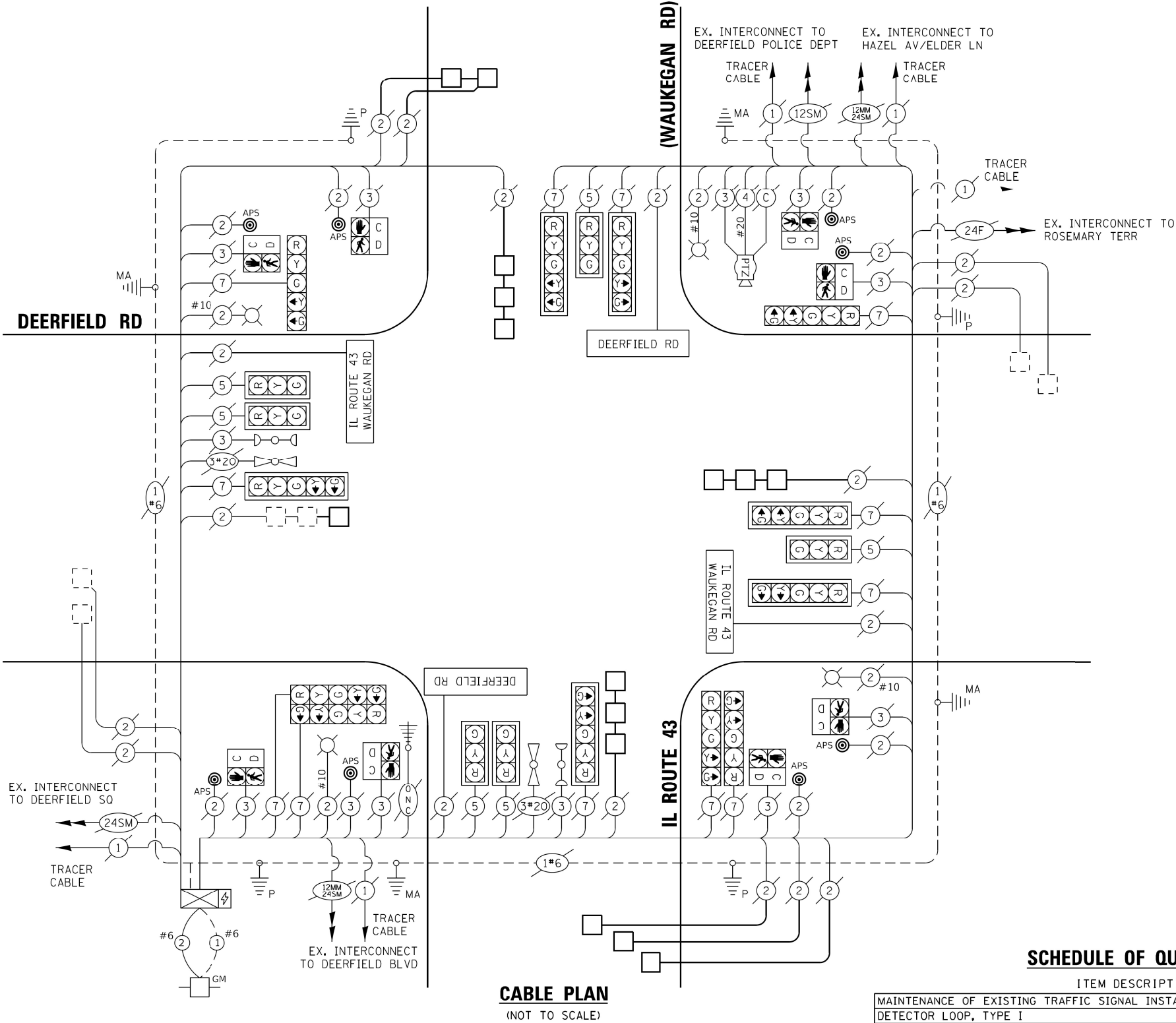
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL CABLE PLAN
IL ROUTE 43 (WAUKEGAN ROAD) AND DEERFIELD ROAD

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2706	FAU 2706 22 RS	LAKE	72	53
CONTRACT NO. 62T71				
ILLINOIS FED. AID PROJECT				

TS 12935
CENTRACS



CABLE PLAN
(NOT TO SCALE)

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
DETECTOR LOOP, TYPE I	FOOT	480
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8

REMOVAL AND RELOCATION NOTES:

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

6 EACH PEDESTRIAN PUSH-BUTTON

ALL EXISTING PEDESTRIAN PUSH-BUTTONS SHALL BE REMOVED.

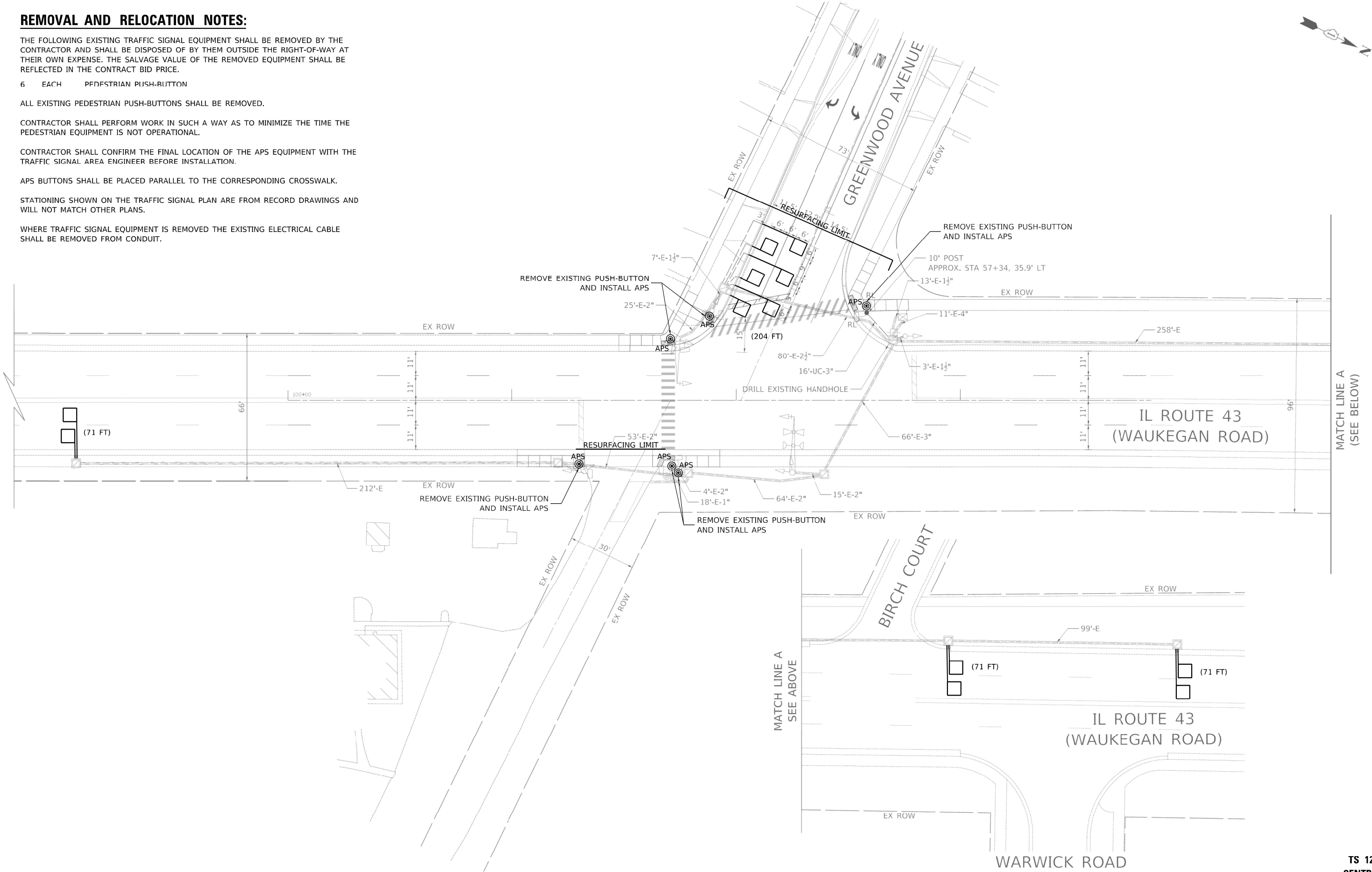
CONTRACTOR SHALL PERFORM WORK IN SUCH A WAY AS TO MINIMIZE THE TIME THE PEDESTRIAN EQUIPMENT IS NOT OPERATIONAL.

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

APS BUTTONS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.

STATIONING SHOWN ON THE TRAFFIC SIGNAL PLAN ARE FROM RECORD DRAWINGS AND WILL NOT MATCH OTHER PLANS.

WHERE TRAFFIC SIGNAL EQUIPMENT IS REMOVED THE EXISTING ELECTRICAL CABLE SHALL BE REMOVED FROM CONDUIT.



USER NAME = bfunk	DESIGNED - BF	REVISED -
	DRAWN - BF	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - AG	REVISED -
PLOT DATE = 3/1/2023	DATE - 2/27/23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APS AND DETECTOR LOOP INSTALLATION PLAN
IL ROUTE 43 (WAUKEGAN ROAD) AND GREENWOOD AVENUE

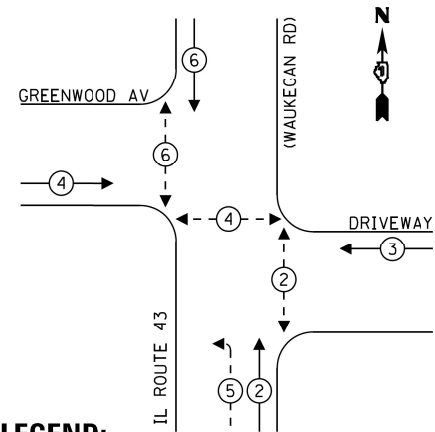
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2706	FAU 2706 22 RS	LAKE	72	54
CONTRACT NO. 62T71				
ILLINOIS FED. AID PROJECT				

TS 12945
CENTRACS

MODEL Default
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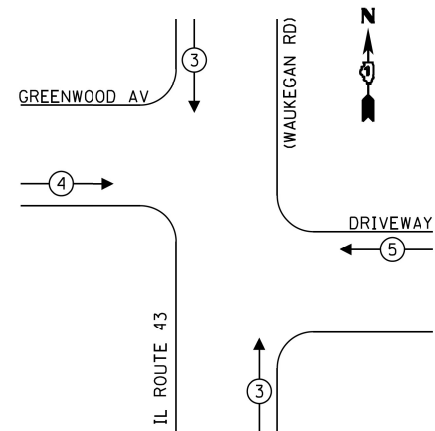
EXISTING CONTROLLER SEQUENCE



LEGEND:

- ←(*) PROTECTED PHASE
- ←-(*)- PROTECTED/PERMITTED PHASE
- ←-(*)→ PEDESTRIAN PHASE
- ↗ OL OVERLAP

EMERGENCY VEHICLE
PREEMPTION SEQUENCE



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS				
TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	14	11	50	77.0
(YELLOW)	14	20	5	14.0
(GREEN)	18	12	45	97.2
PERMISSIVE ARROW	4	10	10	4.0
PED. SIGNAL	6	10	100	60.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	-	-	-
BLANK-OUT SIGN	-	-	-	-
FLASHER	-	-	-	-
STREET NAME SIGN	-	-	-	-
LUMINAIRE	-	-	-	-
TOTAL =				377.2

ENERGY COSTS - BILLED TO:
ILLINOIS DEPT OF TRANSPORTATION
201 W CENTER COURT
SCHAUMBURG, IL 60196

ENERGY SUPPLY - CONTACT: -
PHONE: 847-816-5248
COMPANY: COM. EDISON

iteris

USER NAME	= bfunck
PLOT SCALE	= 100.0000 ' / in.
PLOT DATE	= 3/20/2023

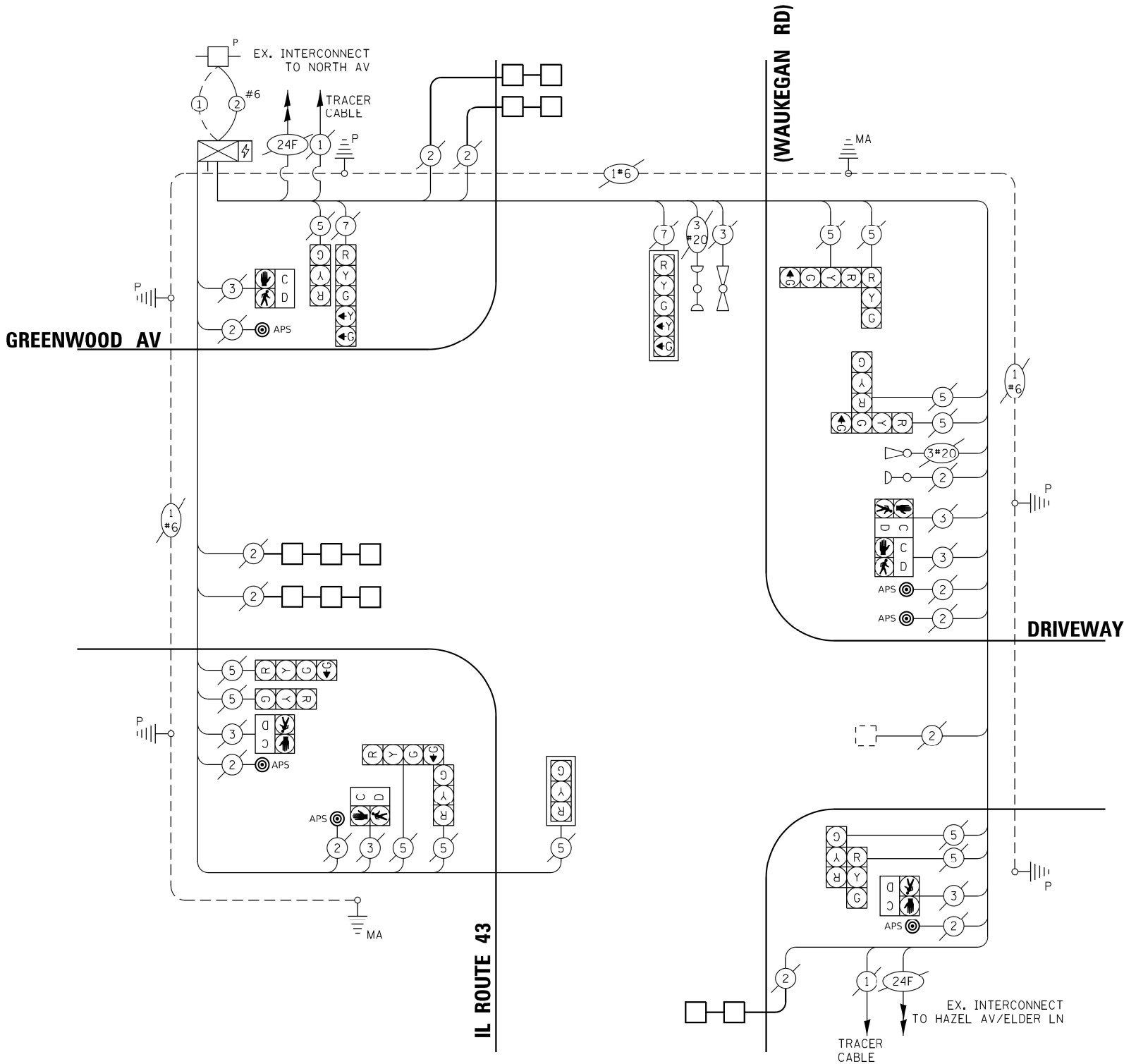
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DRAWN	-	KSB	REVISED	-	---
CHECKED	-	BF	REVISED	-	---
DATE	-	3/13/23	REVISED	-	---

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL CABLE PLAN
IL ROUTE 43 (WAUKEGAN ROAD) AND GREENWOOD AVENUE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2706	FAU 2706 22 RS	LAKE	72	55
CONTRACT NO. 62T71				
ILLINOIS FED. AID PROJECT				



CABLE PLAN
(NOT TO SCALE)

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
DETECTOR LOOP, TYPE I	FOOT	417
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	6

TS 12945
CENTRACS

REMOVAL AND RELOCATION NOTES:

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

2 EACH PEDESTRIAN PUSH-BUTTON

ALL EXISTING PEDESTRIAN PUSH-BUTTONS SHALL BE REMOVED.

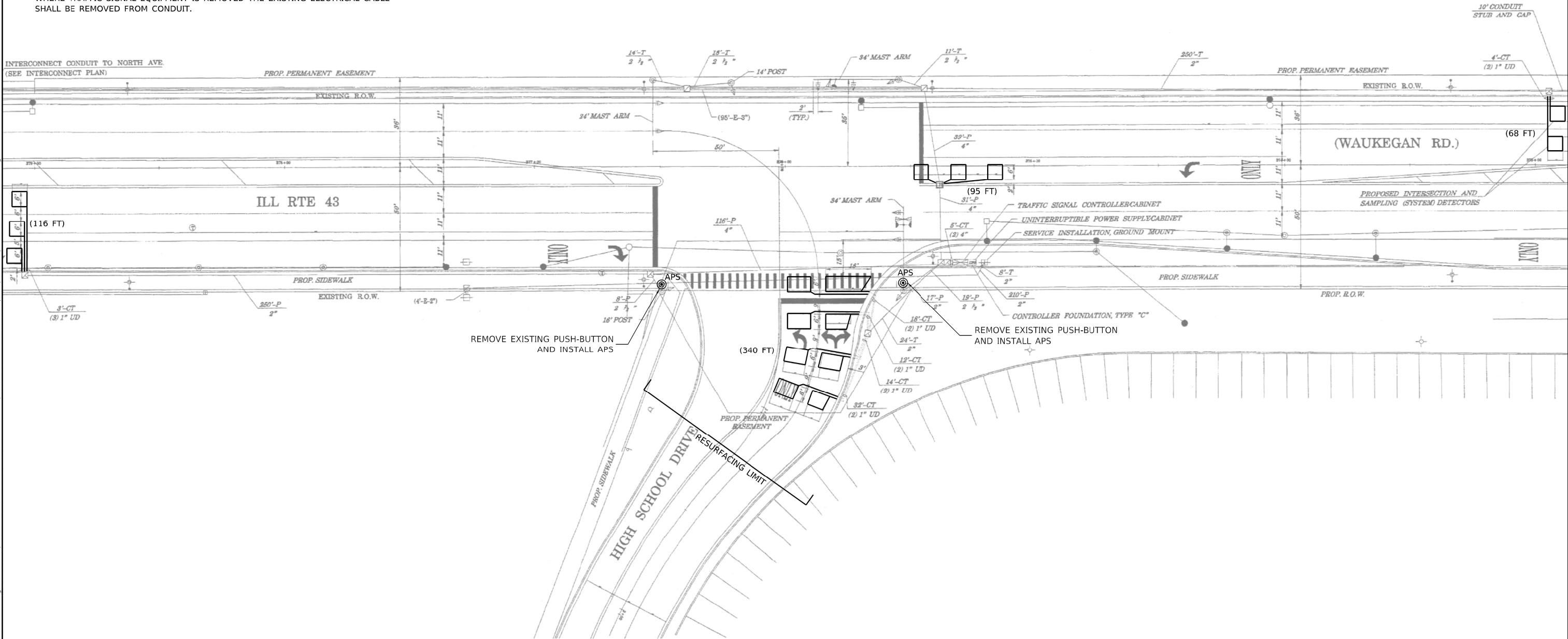
CONTRACTOR SHALL PERFORM WORK IN SUCH A WAY AS TO MINIMIZE THE TIME THE PEDESTRIAN EQUIPMENT IS NOT OPERATIONAL.

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

APS BUTTONS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.

STATIONING SHOWN ON THE TRAFFIC SIGNAL PLAN ARE FROM RECORD DRAWINGS AND WILL NOT MATCH OTHER PLANS.

WHERE TRAFFIC SIGNAL EQUIPMENT IS REMOVED THE EXISTING ELECTRICAL CABLE SHALL BE REMOVED FROM CONDUIT.



TS 12950
CENTRACS



USER NAME = bfunck	DESIGNED - BF	REVISED -
	DRAWN - BF	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - AG	REVISED -
PLOT DATE = 2/28/2023	DATE - 2/27/23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

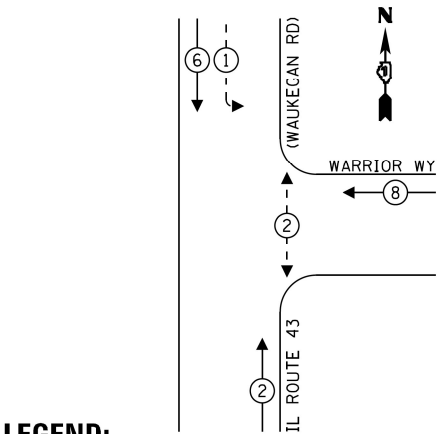
APS AND DETECTOR LOOP INSTALLATION PLAN
IL ROUTE 43 (WAUKEGAN ROAD) AND WARRIOR WAY

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2706	FAU 2706 22 RS	LAKE	72	56
CONTRACT NO. 62T71				
ILLINOIS FED. AID PROJECT				

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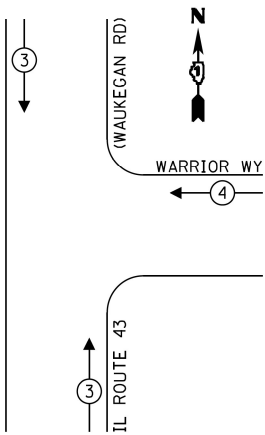
EXISTING CONTROLLER SEQUENCE



LEGEND:

- ←(*) PROTECTED PHASE
- ←-(*)- PROTECTED/PERMITTED PHASE
- ←-(*)→ PEDESTRIAN PHASE
- ↗ OL OVERLAP

EMERGENCY VEHICLE
PREEMPTION SEQUENCE



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS				
TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	10	11	50	55.0
(YELLOW)	10	20	5	10.0
(GREEN)	10	12	45	54.0
PERMISSIVE ARROW	4	10	10	4.0
PED. SIGNAL	2	10	100	20.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	-	-	-
BLANK-OUT SIGN	-	-	-	-
FLASHER	-	-	-	-
STREET NAME SIGN	-	-	-	-
LUMINAIRE	-	-	-	-
TOTAL =				268.0

ENERGY COSTS - BILLED TO:
ILLINOIS DEPT OF TRANSPORTATION
201 W CENTER COURT
SCHAUMBURG, IL 60196

ENERGY SUPPLY - CONTACT: -
PHONE: 847-816-5248
COMPANY: COM. EDISON

iteris

USER NAME	= bfunck
PLOT SCALE	= 100.0000' / in.
PLOT DATE	= 3/20/2023

DESIGNED	-	KSB	REVISED	-
DRAWN	-	KSB	REVISED	-
CHECKED	-	BF	REVISED	-
DATE	-	3/16/23	REVISED	-

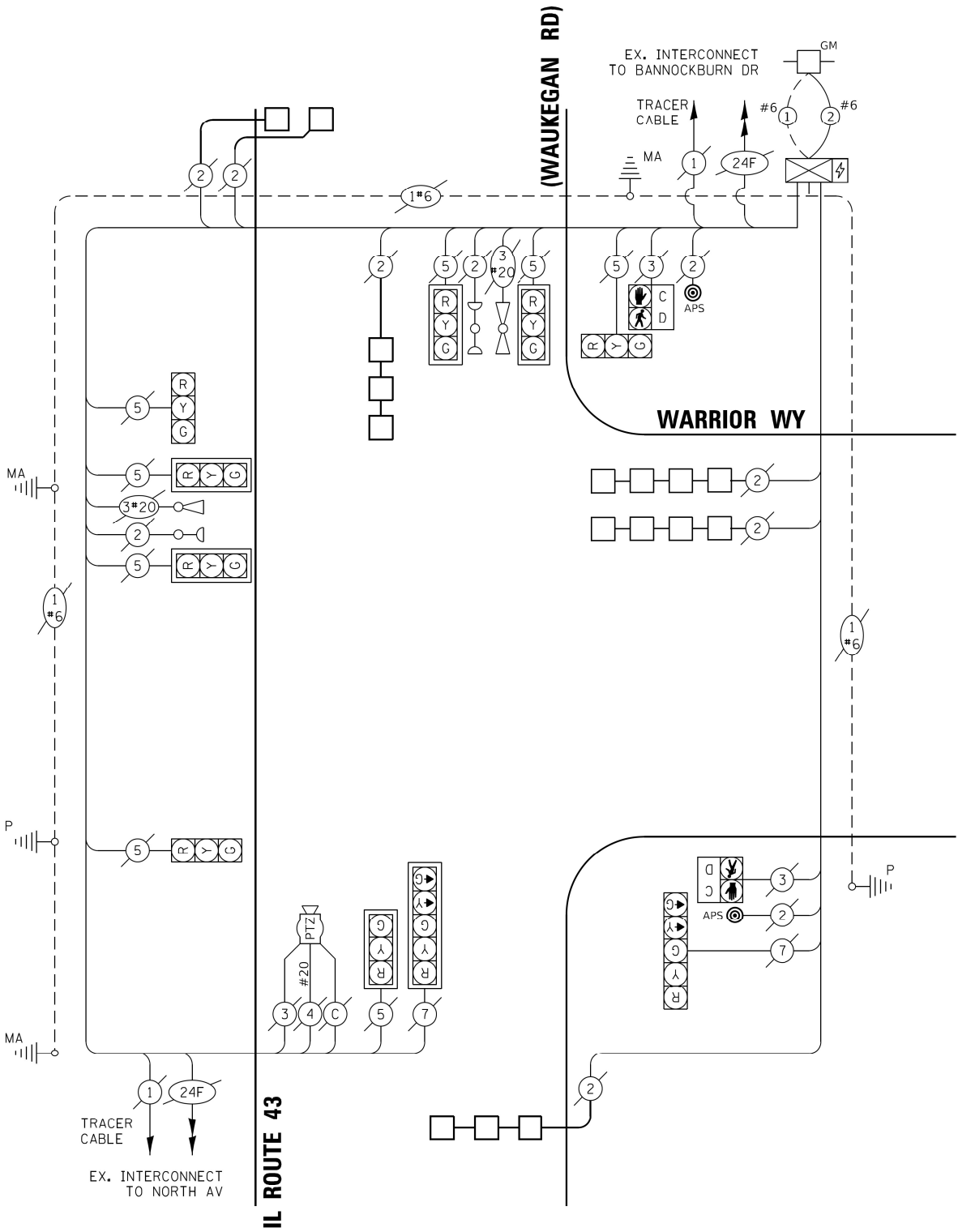
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL CABLE PLAN
IL ROUTE 43 (WAUKEGAN ROAD) AND WARRIOR WAY

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2706	FAU 2706 22 RS	LAKE	72	57
CONTRACT NO. 62T71				
ILLINOIS FED. AID PROJECT				

TS 12950
CENTRACS



CABLE PLAN
(NOT TO SCALE)

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
DETECTOR LOOP, TYPE I	FOOT	619
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	2

REMOVAL AND RELOCATION NOTES:

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

2 EACH PFDESTRIAN PUSH-BUTTON

ALL EXISTING PEDESTRIAN PUSH-BUTTONS SHALL BE REMOVED.

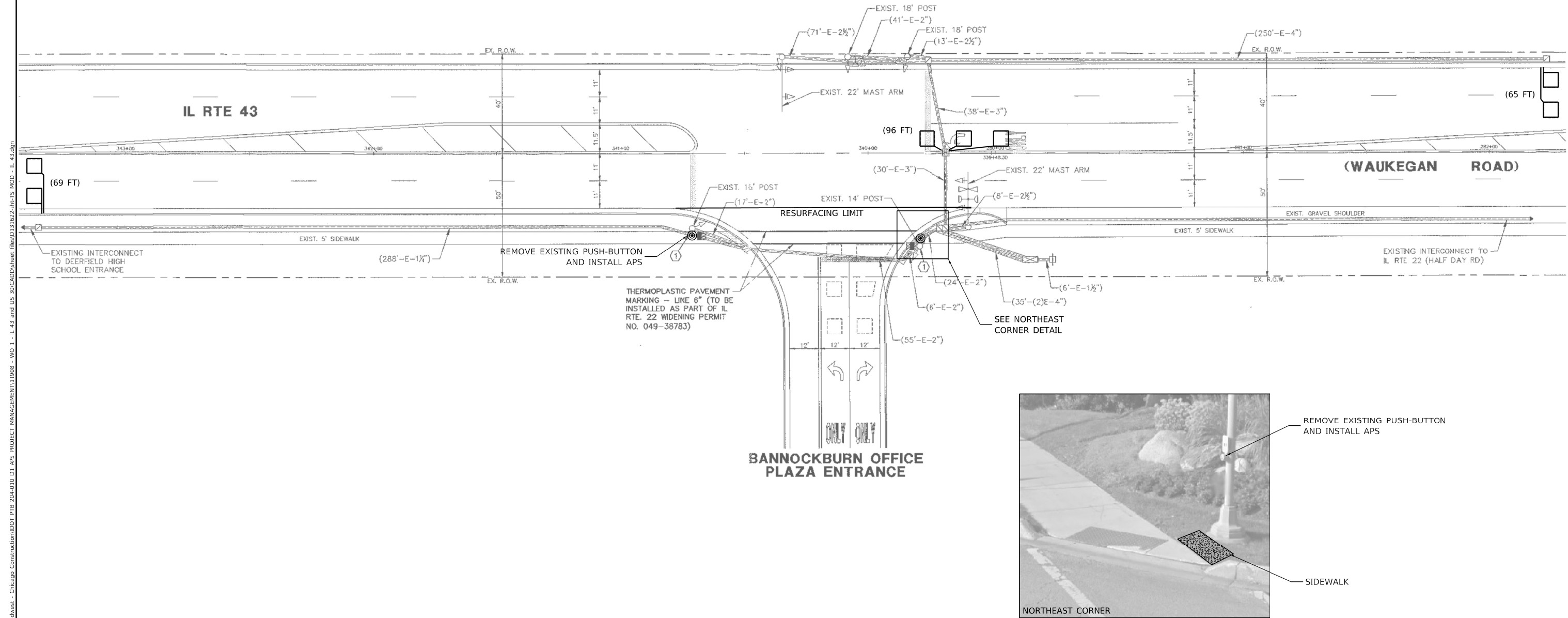
CONTRACTOR SHALL PERFORM WORK IN SUCH A WAY AS TO MINIMIZE THE TIME THE PEDESTRIAN EQUIPMENT IS NOT OPERATIONAL.

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

APS BUTTONS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.

STATIONING SHOWN ON THE TRAFFIC SIGNAL PLAN ARE FROM RECORD DRAWINGS AND WILL NOT MATCH OTHER PLANS.

WHERE TRAFFIC SIGNAL EQUIPMENT IS REMOVED THE EXISTING ELECTRICAL CABLE SHALL BE REMOVED FROM CONDUIT.



REMOVE EXISTING PUSH-BUTTON AND INSTALL APS

SIDEWALK

NORTHEAST CORNER

TS 11115
CENTRACS

iteris

USER NAME = bfunk	DESIGNED - BF	REVISED -
	DRAWN - BF	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - AG	REVISED -
PLOT DATE = 3/16/2023	DATE - 3/16/23	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

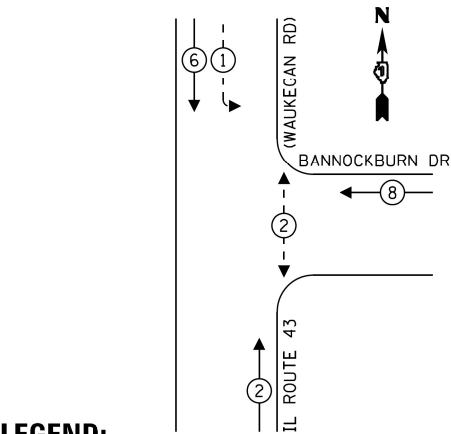
APS AND DETECTOR LOOP INSTALLATION PLAN
IL ROUTE 43 (WAUKEGAN ROAD) AND BANNOCKBURN OFFICE PLAZA

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2706	FAU 2706 22 RS	LAKE	72	58
CONTRACT NO. 62T71				
ILLINOIS FED. AID PROJECT				

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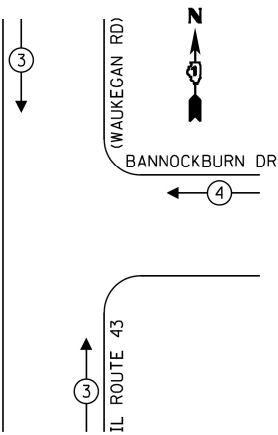
EXISTING CONTROLLER SEQUENCE



LEGEND:

- ← (*) PROTECTED PHASE
- ← - (*) - PROTECTED/PERMITTED PHASE
- ← - (*) → PEDESTRIAN PHASE
- ↗ OL OVERLAP

EMERGENCY VEHICLE
PREEMPTION SEQUENCE



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS				
TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	10	11	50	55.0
(YELLOW)	10	20	5	10.0
(GREEN)	10	12	45	54.0
PERMISSIVE ARROW	4	10	10	4.0
PED. SIGNAL	2	10	100	20.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	-	-	-
BLANK-OUT SIGN	-	-	-	-
FLASHER	-	-	-	-
STREET NAME SIGN	-	-	-	-
LUMINAIRE	-	-	-	-
TOTAL =				268.0

ENERGY COSTS - BILLED TO:
ILLINOIS DEPT OF TRANSPORTATION
201 W CENTER COURT
SCHAUMBURG, IL 60196

ENERGY SUPPLY - CONTACT: -
PHONE: 847-816-5248
COMPANY: COM. EDISON

iteris

USER NAME	= bfunck
PLOT SCALE	= 100.0000 ' / in.
PLOT DATE	= 3/20/2023

DESIGNED	-	KSB	REVISED	-	___
DRAWN	-	KSB	REVISED	-	___
CHECKED	-	BF	REVISED	-	___
DATE	-	3/16/23	REVISED	-	___

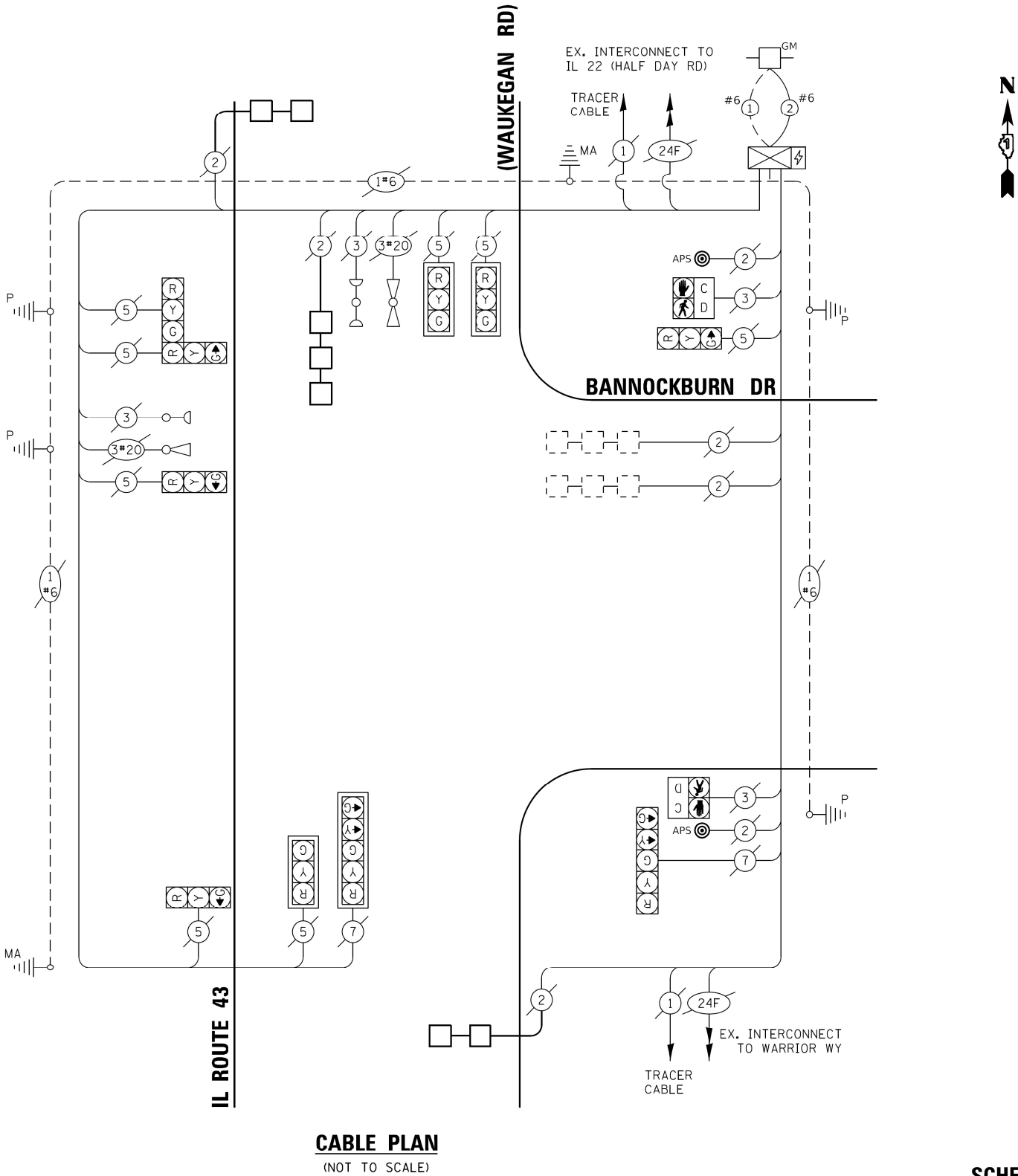
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL CABLE PLAN
IL ROUTE 43 (WAUKEGAN ROAD) AND BANNOCKBURN OFFICE PLAZA

SCALE: SHEET OF SHEETS STA. TO STA.

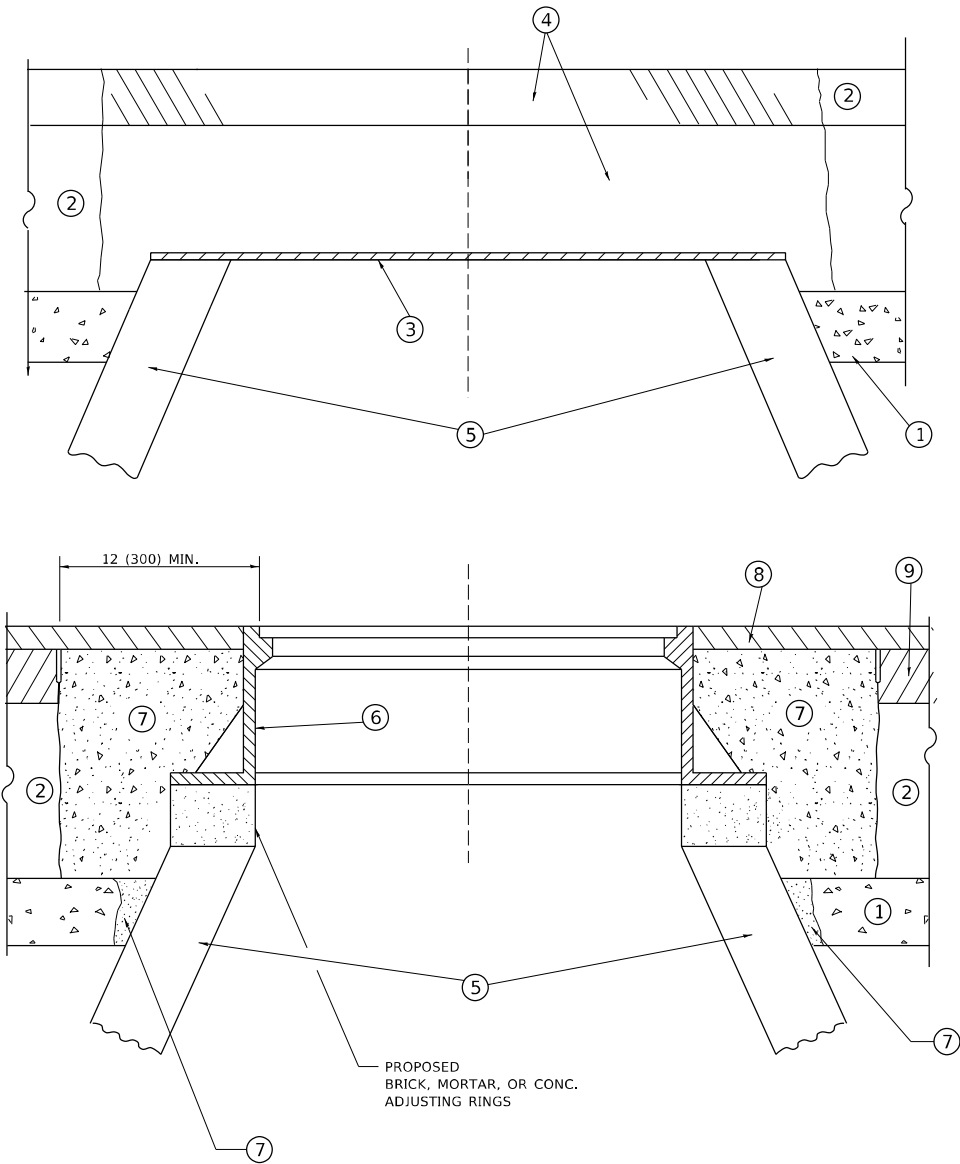
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2706	FAU 2706 22 RS	LAKE	72	59
CONTRACT NO. 62T71				
ILLINOIS FED. AID PROJECT				

TS 11115
CENTRACS



SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNIT	QTY.
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
DETECTOR LOOP, TYPE 1	FOOT	230
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	2



**DETAILS FOR FRAMES AND LIDS ADJUSTMENT
WITH MILLING**

NOTES

- EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
- IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.
- CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.
- THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

- REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- BACKFILL WITH CRUSHED STONE AND HMA SURFACE MIX APPROVED BY THE ENGINEER. (MIN. 1 1/2 (40) HMA TO REMAIN AFTER MILLING).

STAGE 2 (AFTER PAVEMENT MILLING)

- REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS*PP-1 CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

THE PROCEDURE EXPLAINED ABOVE SHALL CONFORM TO THE APPLICABLE PORTIONS OF SECTIONS 353, 406, 602, AND 603 OF THE STANDARD SPECIFICATIONS EXCEPT THAT "THE CONTRACTOR SHALL ADJUST THE STRUCTURES TO THE FINISHED PAVEMENT ELEVATION NO MORE THAN 5 CALENDAR DAYS PRIOR TO PLACEMENT OF THE FINAL LIFT OF SURFACE UNLESS APPROVED BY THE ENGINEER."

LEGEND

- | | |
|--|-------------------------------|
| ① SUB-BASE GRANULAR MATERIAL | ⑥ FRAME AND LID (SEE NOTES) |
| ② EXISTING PAVEMENT | ⑦ CLASS*PP-1 CONCRETE |
| ③ 36 (900) DIAMETER METAL PLATE | ⑧ PROPOSED HMA SURFACE COURSE |
| ④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX | ⑨ PROPOSED HMA BINDER COURSE |
| ⑤ EXISTING STRUCTURE | |

LOCATION OF STRUCTURES

THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

BASIS OF PAYMENT

- REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."
- THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.
- NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.
- WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

MODEL: Default
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	USER NAME = connor.mullane	DESIGNED - R. SHAH	REVISED - R. BORO 01-01-07	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - R. BORO 03-09-11					2706	FAU 2706 22 R5	LAKE	72	60
	PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED - R. BORO 12-06-11		BD600-03 (BD-08)			CONTRACT NO. 62T71				
	PLOT DATE = 6/29/2023	DATE - 10-25-94	REVISED - K. SMITH 11-18-22		SCALE: NONE	SHEET 1	OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."

1. REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."
2. SAW CUT/SCORING OF EXISTING HMA OVERLAY IS INCLUDED IN THE COST OF PAVEMENT PATCHING.
3. SAW CUT/SCORING OF EXISTING PAVEMENT IS INCLUDED IN THE COST OF PAVEMENT PATCHING.

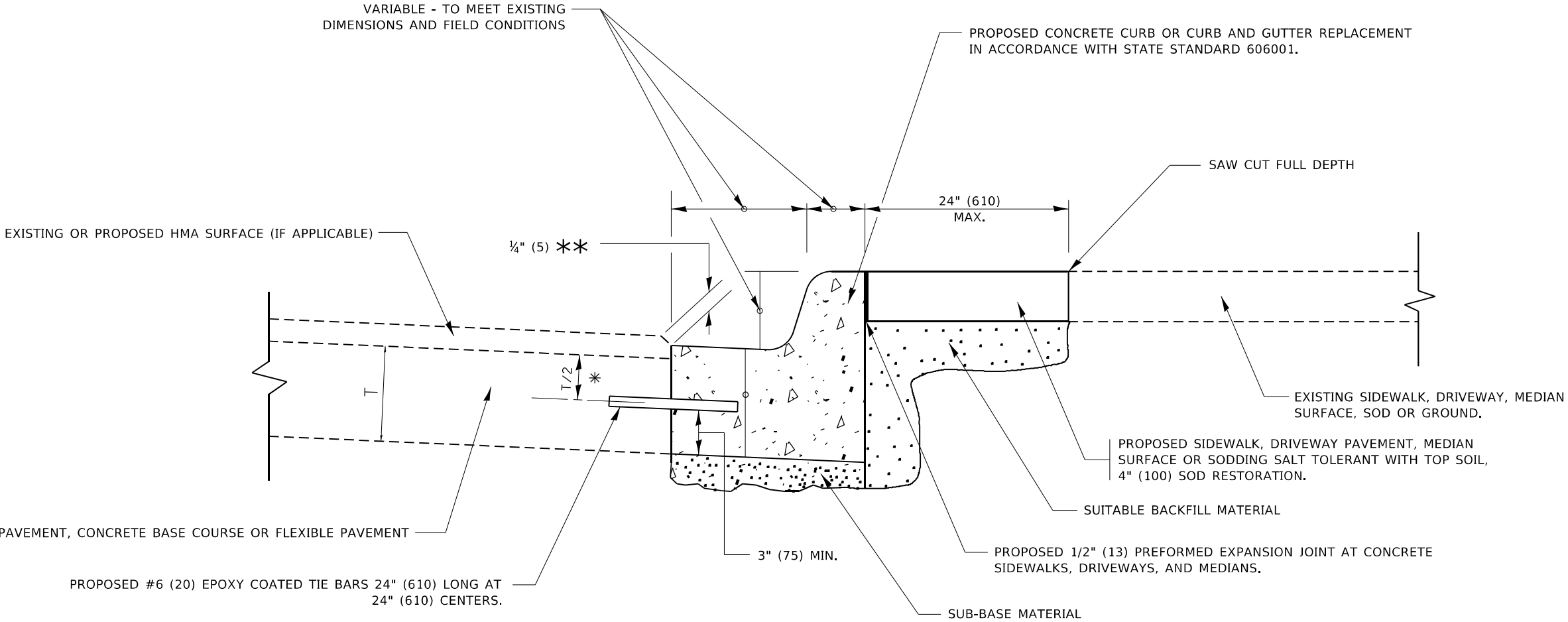


1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.
2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

1. MILL HMA FIRST IF THERE IS AT LEAST 4½ INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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FILE NAME: DATA	USER NAME = connor.mullane	DESIGNED - R. SHAH	REVISED - R. BORO 01-01-07	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - R. BORO 09-04-07						2706	FAU 2706 22 RS	LAKE	72	61
	PLOT SCALE = 100,000' / in.	CHECKED -	REVISED - K. ENG 10-27-08		BD400-04 (BD-22)				CONTRACT NO. 62T71				
	PLOT DATE = 6/29/2023	DATE - 10-25-94	REVISED - K. SMITH 11-18-22										
					SCALE: NONE	SHEET 1	OF 1	SHEETS	STA.	TO STA.			



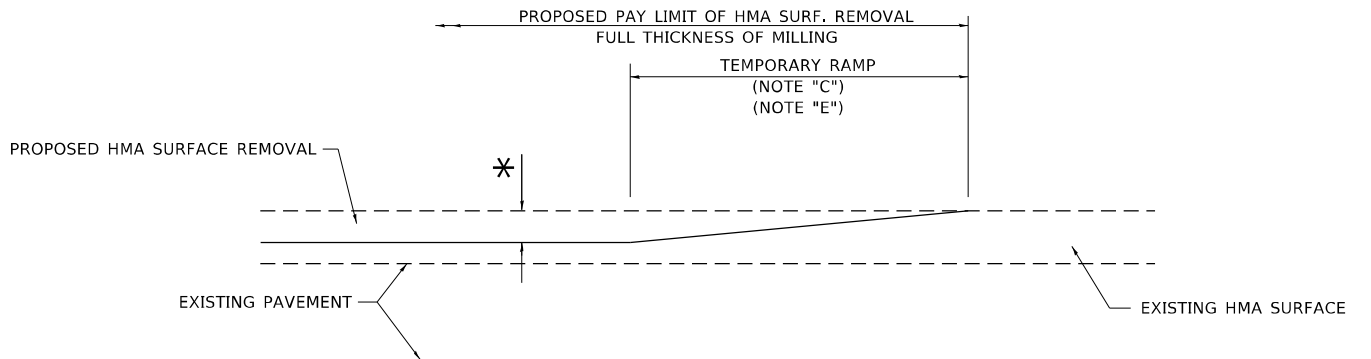
- * 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
- ** IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

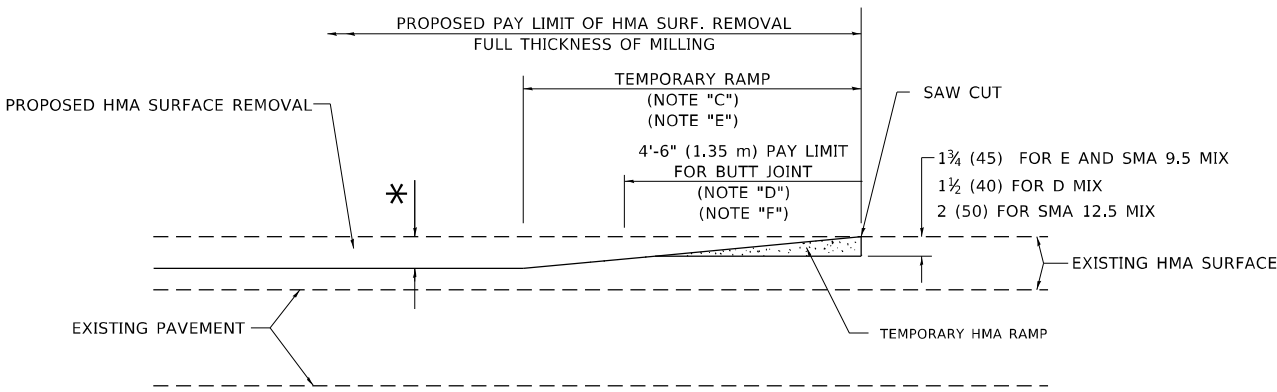
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	USER NAME = connor.mullane	DESIGNED - A. HOUSEH	REVISED - A. ABBAS 03-21-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - M. GOMEZ 01-22-01					2706	FAU 2706 22 R5	LAKE	72	62
	PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED - R. BORO 12-15-09					BD600-06 (BD-24)				
	PLOT DATE = 6/29/2023	DATE - 03-11-94	REVISED - K. SMITH 07-11-19		SCALE: NONE	SHEET 1	OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		



MILLED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

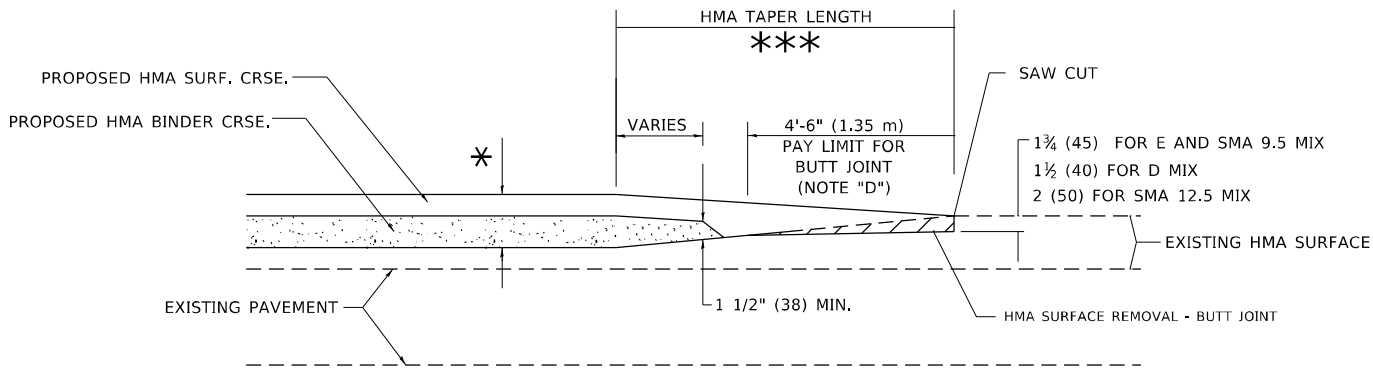
OPTION 1



HMA CONSTRUCTED TEMPORARY RAMP
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

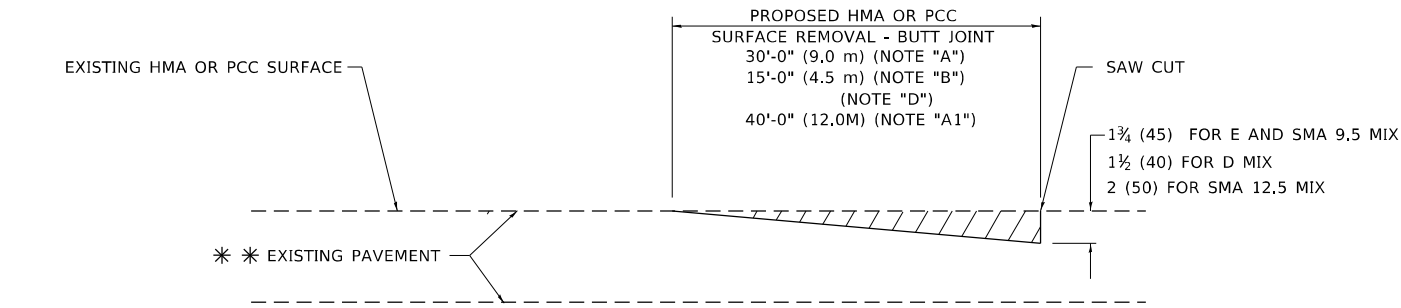
OPTION 2

TYPICAL TEMPORARY RAMP

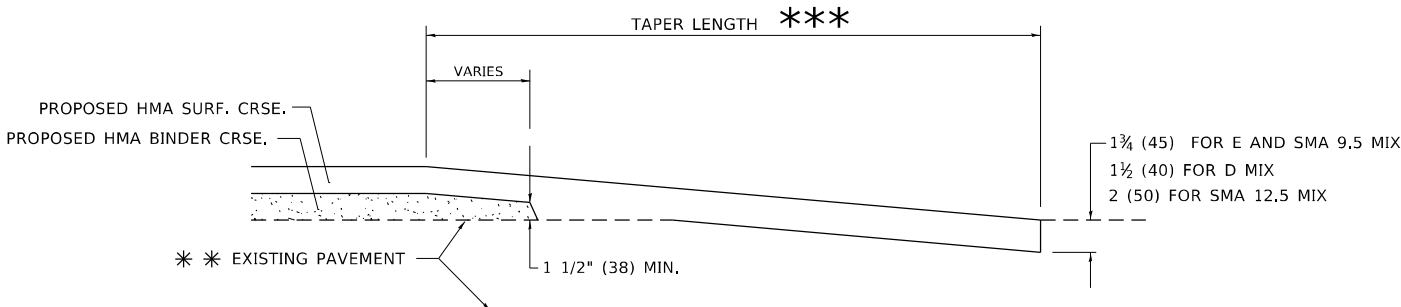


BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

GENERAL NOTES

- A. MAINLINE ARTERIAL ROADWAYS AND MAJOR SIDE ROADS.
- A1. INTERSTATES
- B. MINOR SIDE ROADS.
- C. THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E. TAPER THE TEMP. RAMP AT A RATE OF 3' - 4" (1.02m) PER 1 INCH (25 mm) OF MILLING THICKNESS.
* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- F. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
*** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT

- 1. THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT".
- 2. THE TEMPORARY RAMP AND SAW CUT SHALL BE INCLUDED IN THE UNIT COST FOR HMA OR PCC SURFACE REMOVAL-BUTT JOINT.

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

MODEL: Default
FILE: hma-but-joint-and-hma-taper.dwg
PROJECT: 131522-Caddata\Design\BtStJ.dgn
DATE: 6/29/2023

USER NAME = connor.mullane	DESIGNED - M. DE YONG	REVISED - A. ABBAS 03-21-97
	DRAWN -	REVISED - M. GOMEZ 04-06-01
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED - R. BORO 01-01-07
PLOT DATE = 6/29/2023	DATE - 06-13-90	REVISED - K. SMITH 11-18-22

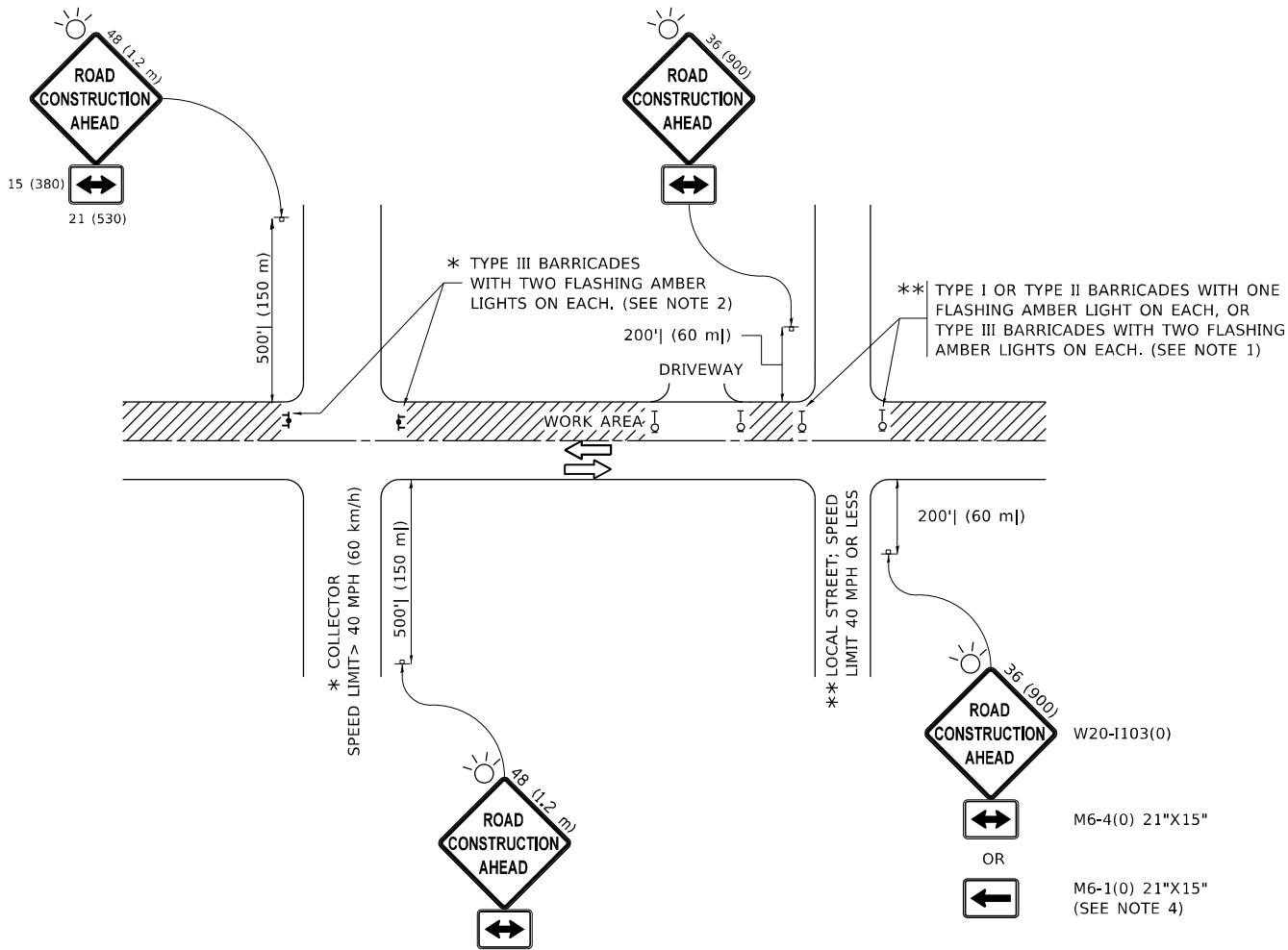
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND
HMA TAPER DETAILS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2706	FAU 2706 22 RS	LAKE	72	63
BD400-05 BD-32		CONTRACT NO. 62T71		
ILLINOIS		FED. AID PROJECT		

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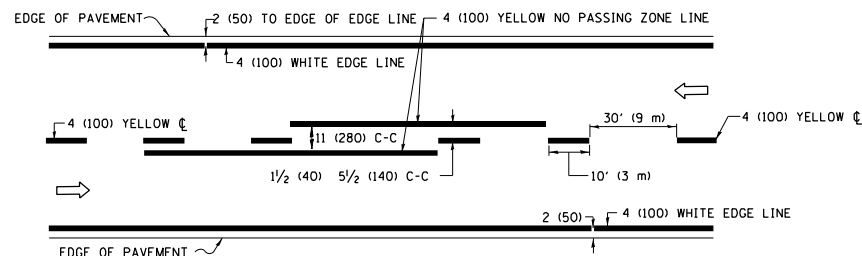


NOTES:

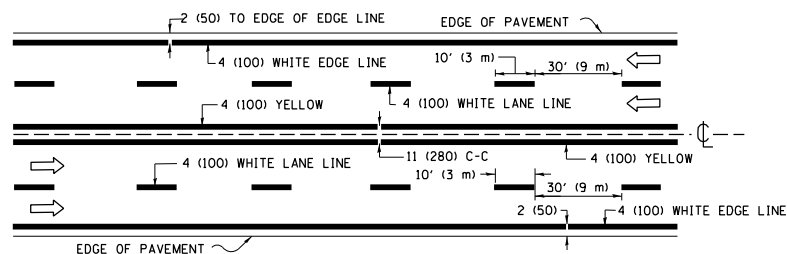
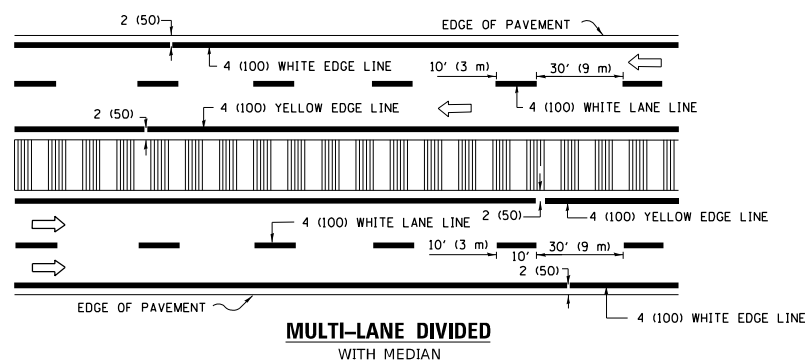
- SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
- SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - 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.
 - 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.
- 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.
- 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).
- 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.
- ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
- 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.

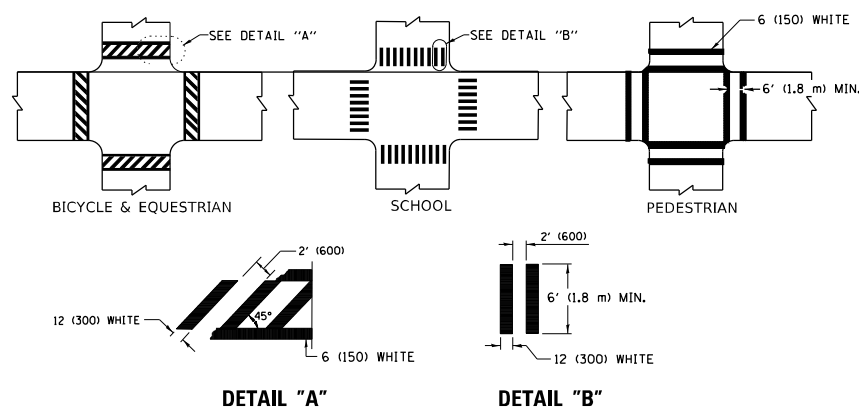
	USER NAME = connor,mullane	DESIGNED - L,H,A.	REVISED - A, HOUSEH 10-15-96	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS	SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
		DRAWN -	REVISED - T. RAMMACHER 01-06-00						2706	FAU 2706 22 RS	LAKE	72	64			
	PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13						TC-10					CONTRACT NO. 62T71		
	PLOT DATE = 6/29/2023	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16						ILLINOIS FED. AID PROJECT							



2-LANE ROADWAY

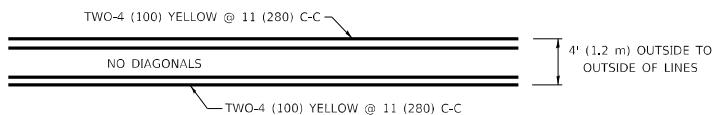
**MULTI-LANE UNDIVIDED**

TYPICAL LANE AND EDGE LINE MARKING

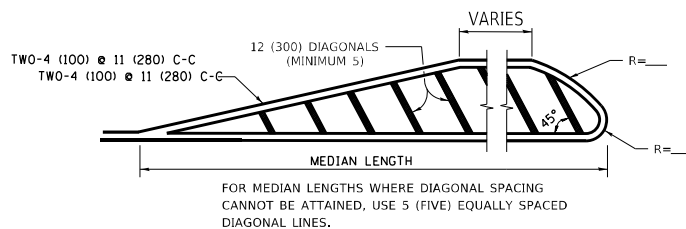


TYPICAL CROSSWALK MARKING

* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES

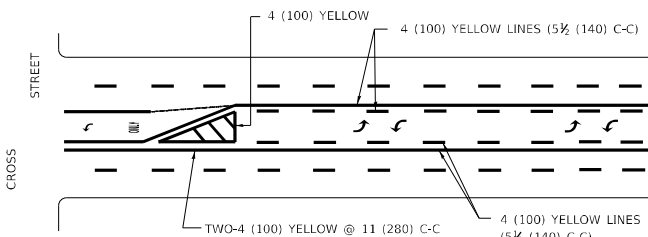


4' (1.2 m) WIDE MEDIANS ONLY

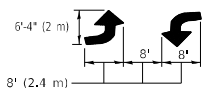


DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h))
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

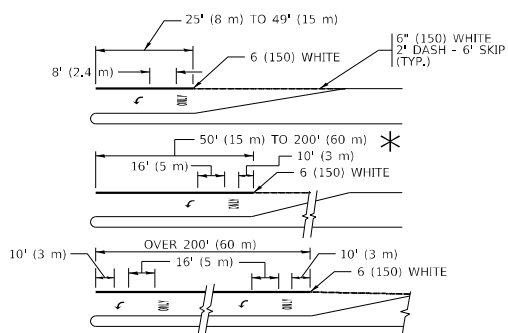


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

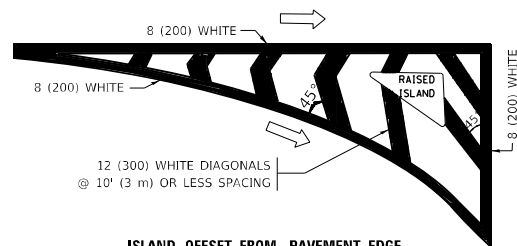


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.

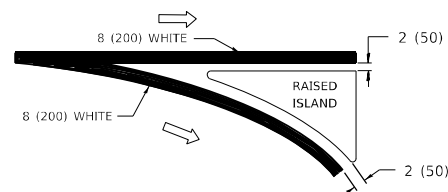
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

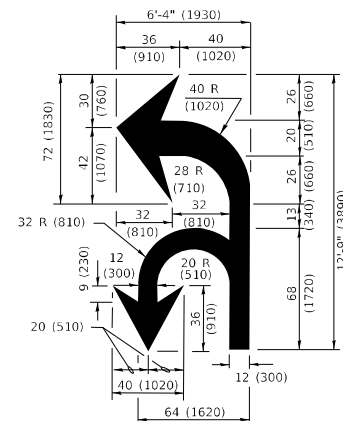


ISLAND OFFSET FROM PAVEMENT EDGE

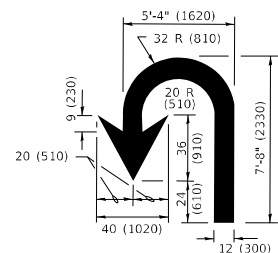


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION

* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5½ (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8" (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 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: "RR"=3.6 SQ. FT. (0.33 m ² EACH "X"=34.0 SQ. FT. (3.0 m ² EACH)
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

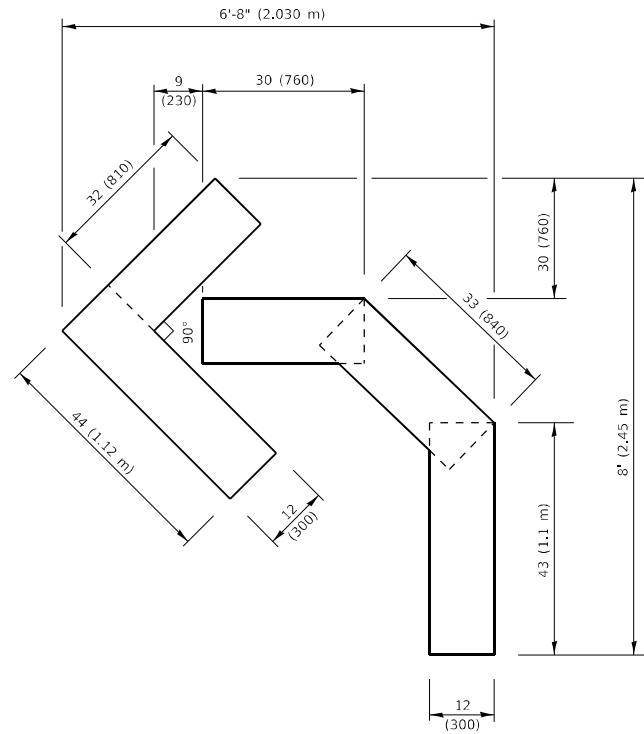
FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO
STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE
CONSTRUCTION AND STATE STANDARD 780001.

All dimensions are in inches (millimeters unless otherwise shown).

USER NAME = connor,mullane	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
	DRAWN -	REVISED - C. JUCIUS 07-01-13
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED - C. JUCIUS 12-21-15
PLOT DATE = 6/29/2023	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

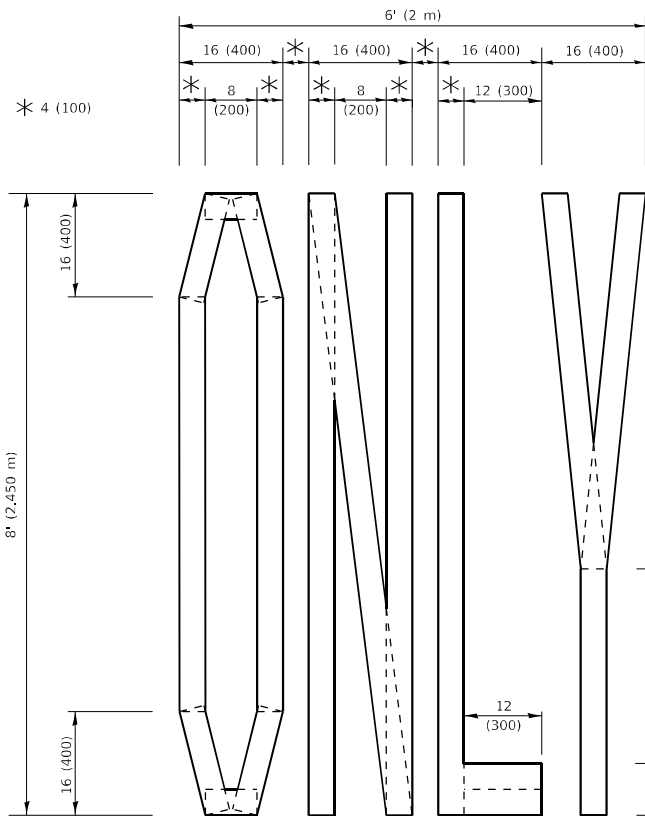
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

<div style="text-align: center;"> DISTRICT ONE TYPICAL PAVEMENT MARKINGS </div>					F.A. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
					2706	FAU 2706 22 RS		LAKE	72	66
					TC-13			CONTRACT NO. 62T71		
SCALE: NONE	SHEET 1	OF 2	SHEETS	STA.	TO STA.					



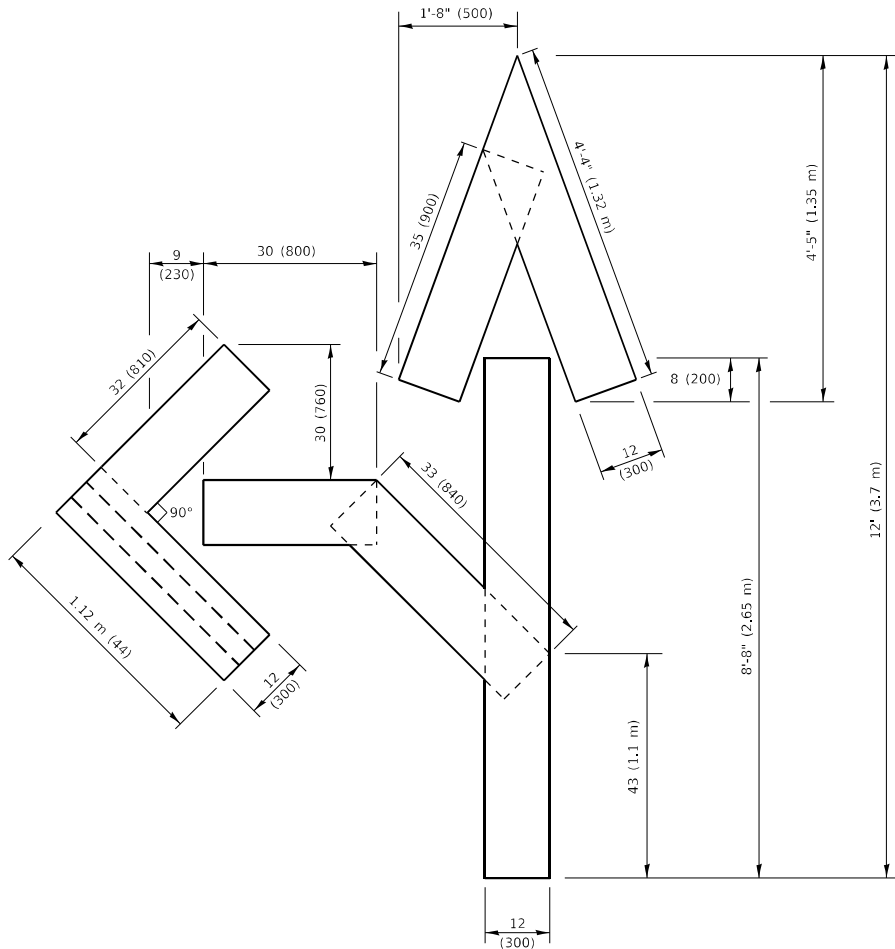
QUANTITY

4 (100) LINE = 45.5 ft. (13.9 m)
15.2 sq. ft. (1.41 sq. m)



QUANTITY

4 (100) LINE = 64.1 ft. (19.5 m)
21.4 sq. ft. (1.99 sq. m)

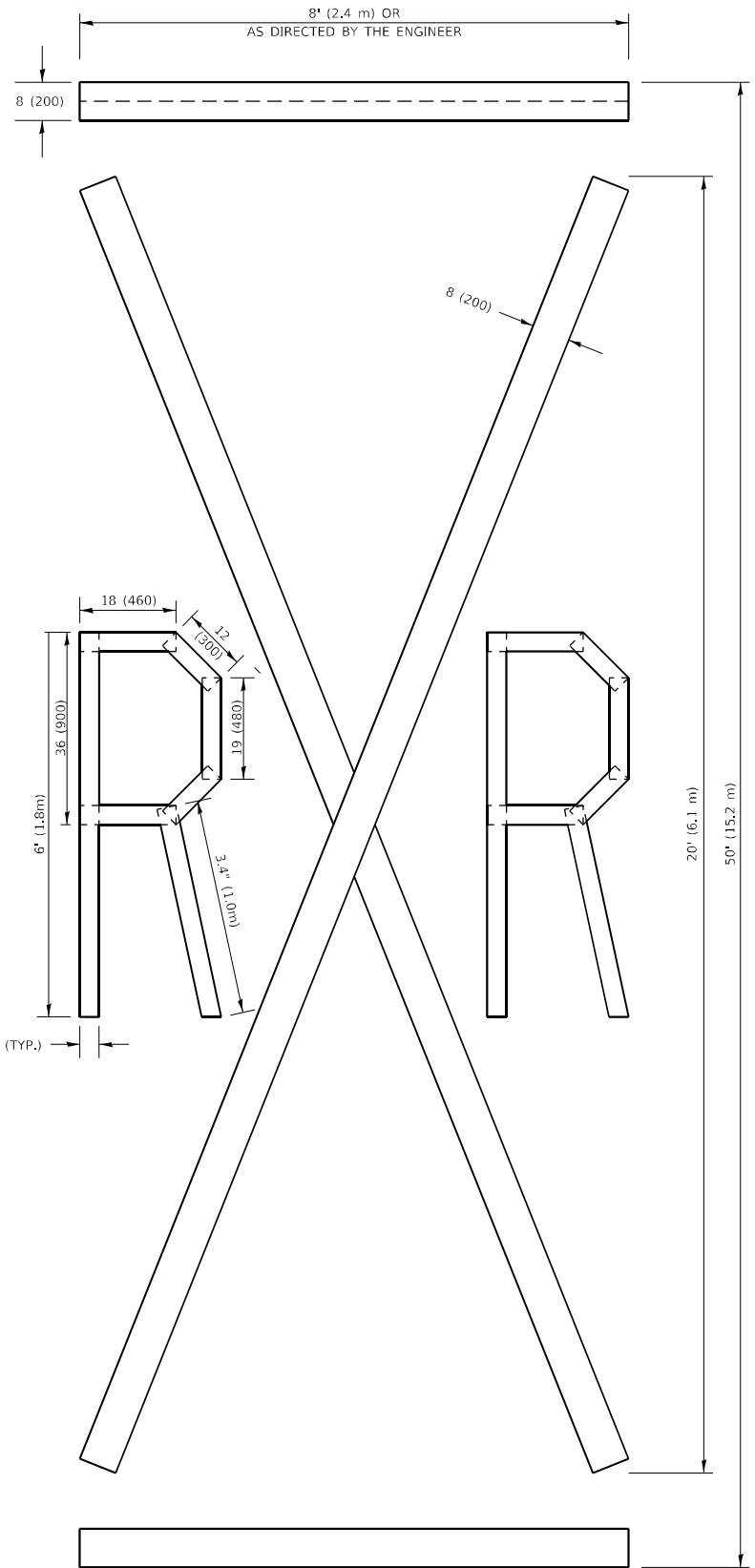


QUANTITY

4 (100) LINE = 82.5 ft. (25.1 m)
27.5 sq. ft. (2.53 sq. m)

NOTE:

ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



QUANTITY

4 (100) LINE = 225.9 ft. (68.9 m)
75.3 sq. ft. (6.99 sq. m)

All dimensions are in inches (millimeters) unless otherwise shown.

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USER NAME	= connor.mullane	DESIGNED	-	REVISED	- T. RAMMACHER 03-02-98
DRAWN	-	CHECKED	-	REVISED	- E. GOMEZ 08-28-00
PLOT SCALE	= 100,0010 ' / in.	DATE	- 09-18-94	REVISED	- E. GOMEZ 08-28-00
PLOT DATE	= 6/29/2023			REVISED	- A. SCHUETZE 09-15-16

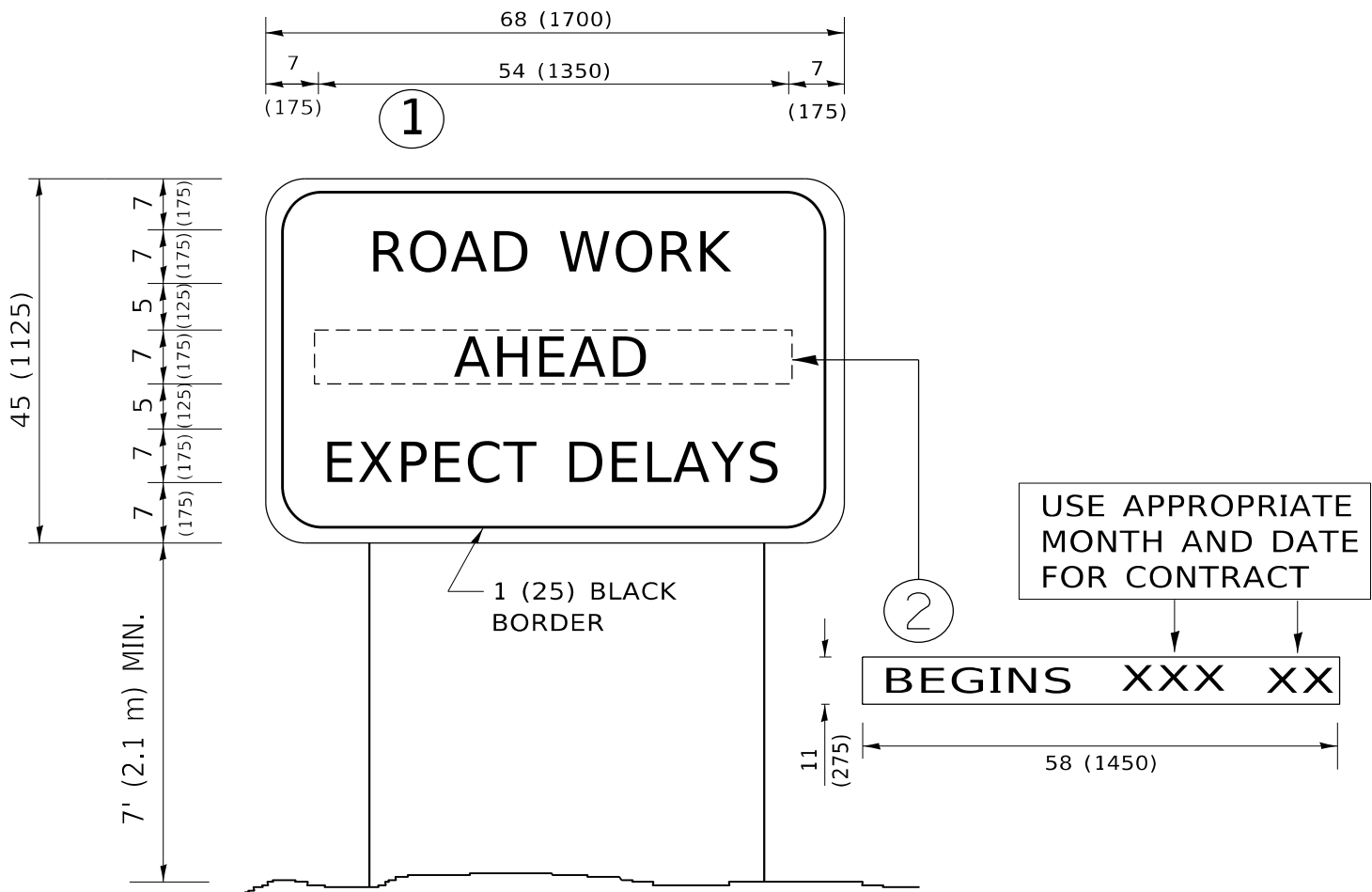
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2706	FAU 2706 22 RS	LAKE	72	67
TC-16		CONTRACT NO. 62T71		
		ILLINOIS	FED. AID PROJECT	

Model: Default
File Name: p:\project-aw-bentley.com\p\w\DOT Documents\DOT Office\District 1\Project\0131322\Cadd\ata\Design\DistStd.dgn



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 SIGN①WITH INSTALLED PANEL②ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL②SOON 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.

USER NAME	= connor.mullane	DESIGNED	-
DRAWN	-	REVIS	-
PLOT SCALE	= 100,0000 ' / in.	CHECKED	-
PLOT DATE	= 6/29/2023	DATE	-

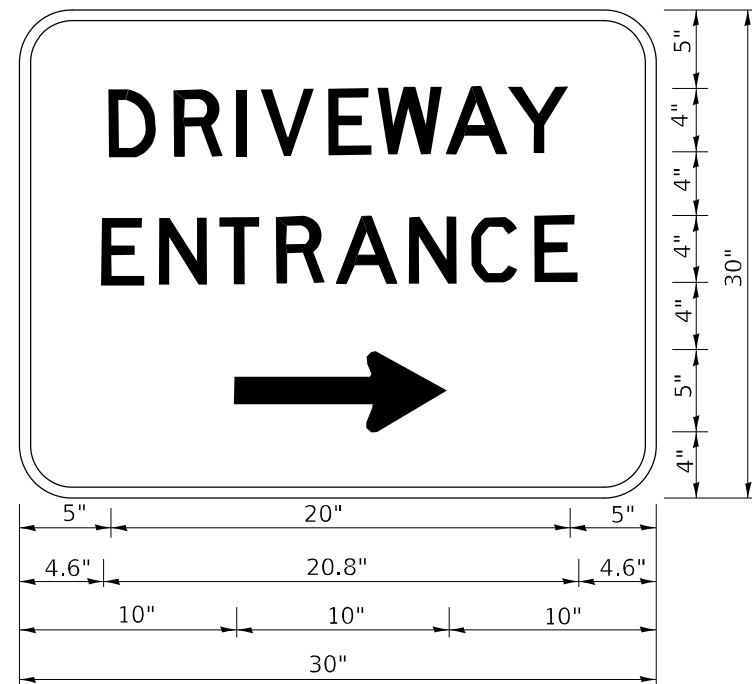
REVISED	-	R. MIRS	09-15-97
REVISED	-	R. MIRS	12-11-97
REVISED	-	T. RAMMACHER	02-02-99
REVISED	-	C. JUCIUS	01-31-07

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.
2706	FAU 2706 22 RS	LAKE	72	68
TC-22		CONTRACT NO. 62T71		
		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: Default
FILE NAME: p:\project-new\hwy.com\p\w\DOT Documents\DOT Office\Dir\rdt_1\Project\0131322\Cadd\Design\Dir\Std.dgn

USER NAME = connor.mullane	DESIGNED -	REVISED - C. JUCIUS 02-15-07
	DRAWN -	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 6/29/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRIVEWAY ENTRANCE SIGNING

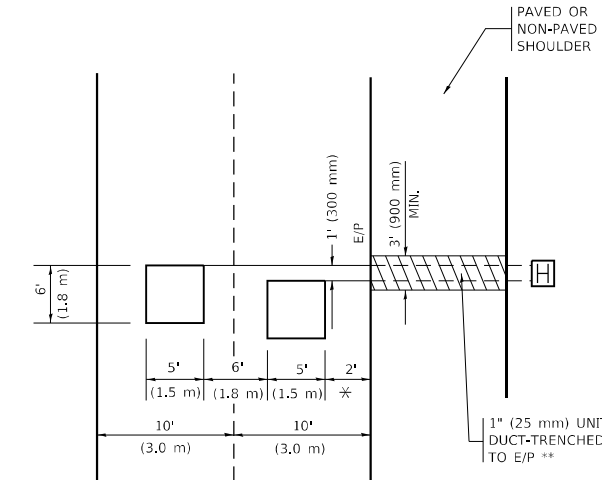
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2706	FAU 2706 22 RS	LAKE	72	69
TC-26		CONTRACT NO. 62T71		
	ILLINOIS	FED. AID PROJECT		

MODEL Default
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LOOPS NEXT TO SHOULDERS

PROVIDE A PAVEMENT REPLACEMENT
NOTE WHICH SHOULD EQUAL
3' (900 mm) X WIDTH OF
PAVED SHOULDER.

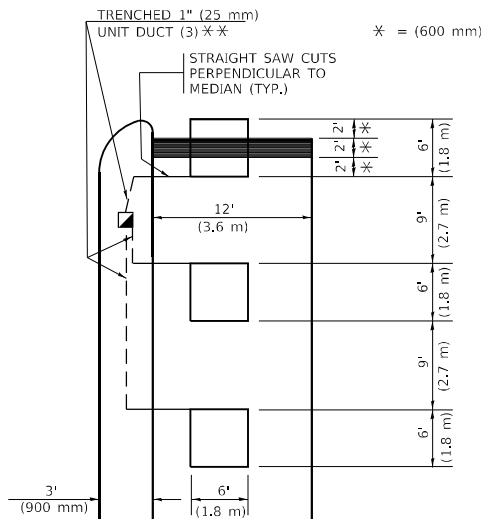


* = (600 mm)

** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS
BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

LEFT TURN LANES WITH MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH
(PROTECTED / PERMITTED LEFT TURN PHASING)

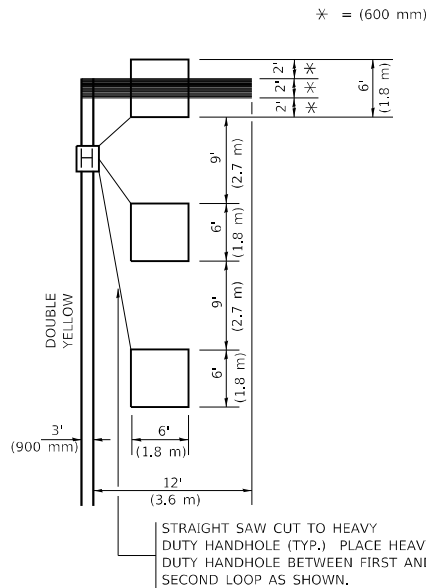
HANDHOLE LOCATION MAY
VARY DEPENDING ON GEOMETRICS
AND DESIGN OF TRAFFIC SIGNALS.
HEAVY-DUTY HANDHOLES TO BE
USED WHEN THE MEDIAN IS
MOUNTABLE. REFER TO STANDARD
814001 TO ENSURE THAT HANDHOLE
FITS IN MEDIAN.



** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS
BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

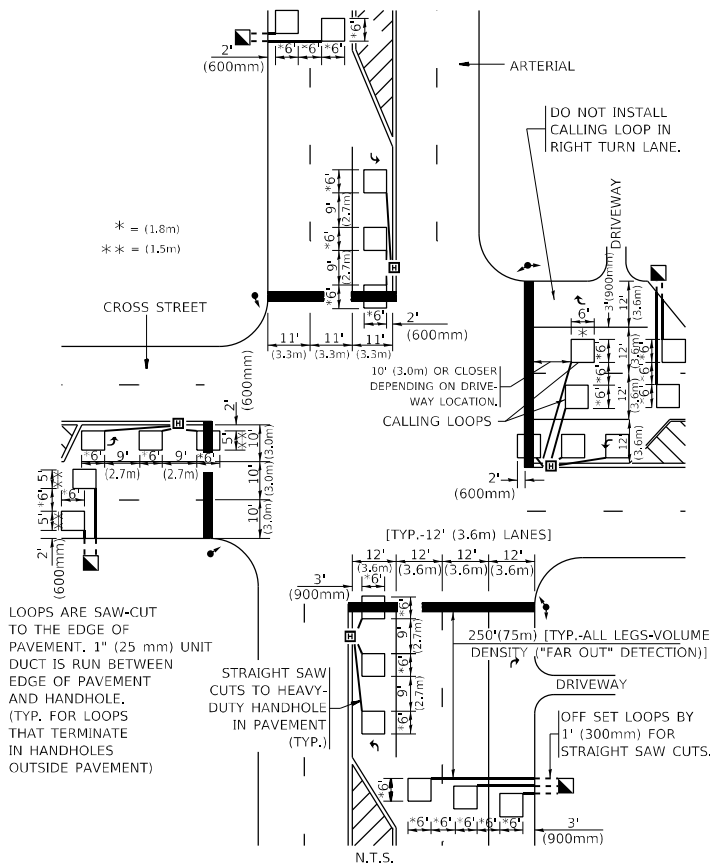
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO
PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

LEFT TURN LANES WITHOUT MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH
(PROTECTED / PERMITTED LEFT TURN PHASING)



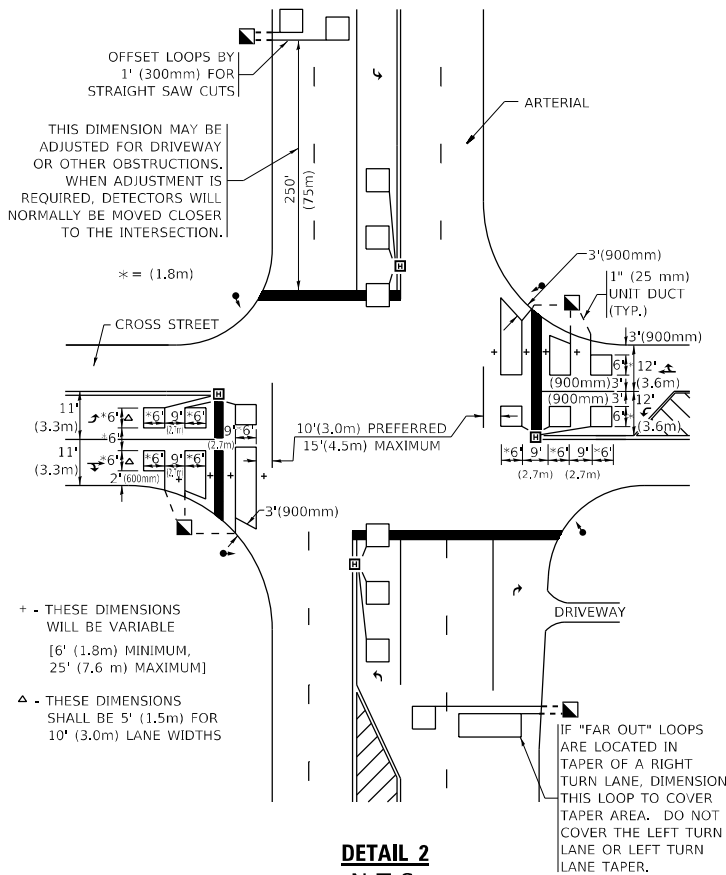
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO
PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

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.

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.

USER NAME = connor.mullane	DESIGNED -	REVISED -
PLOT SCALE = 100,0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 6/29/2023	CHECKED - R.K.F.	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

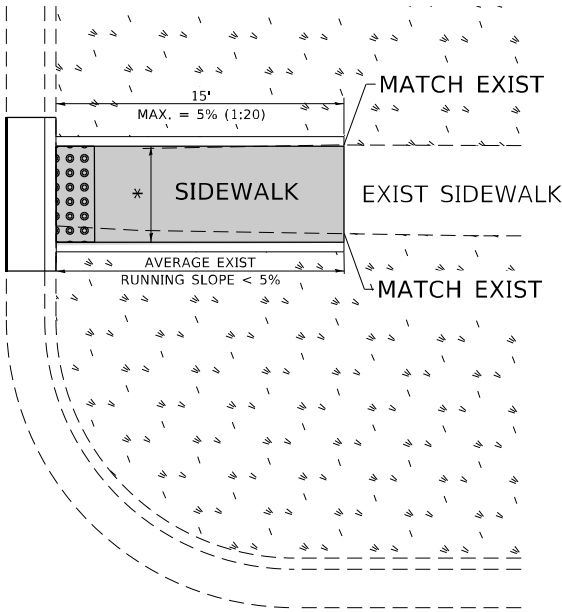
DISTRICT 1 – DETECTOR LOOP INSTALLATION
DETAILS FOR ROADWAY RESURFACING

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

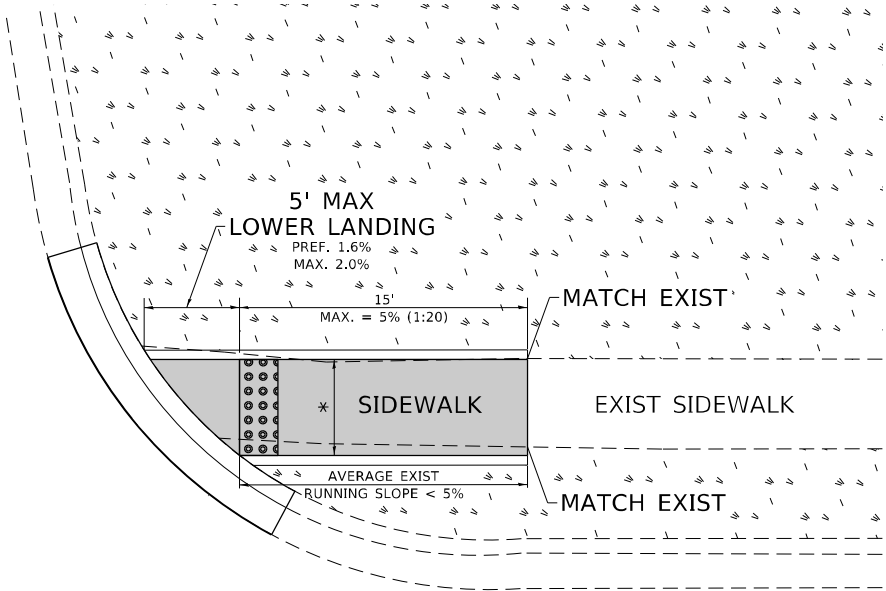
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2706	FAU 2706 22 RS	LAKE	72	70
TS-07		CONTRACT NO. 62T71		
		ILLINOIS	FED. AID PROJECT	

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

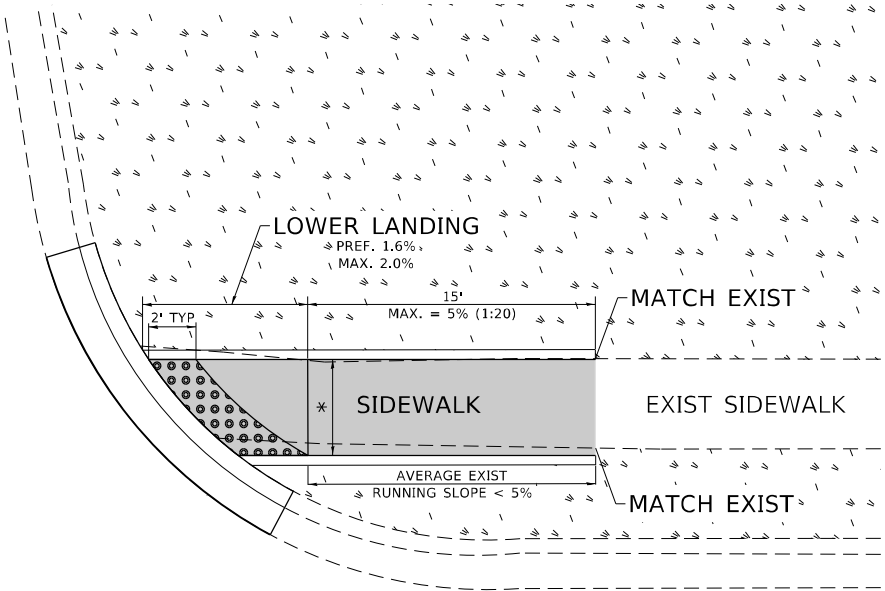
PD-01A



PD-01B



PD-01C



LEGEND



CONSTRUCTION NOTES:

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

* MATCH EXISTING SIDEWALK WIDTH

Model: Default
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USER NAME = connor.mullane	DESIGNED -	REVISED -
DRAWN - R. LEDEZMA	REVISD -	
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 6/29/2023	DATE - 10/02/2019	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SCALE: NONE SHEET OF SHEETS STA. TO STA.

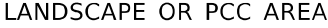
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2706	FAU 2706 22 RS	LAKE	72	71
PD-01		CONTRACT NO. 62T71		
		ILLINOIS	FED. AID PROJECT	

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FILE NAME: DWT



ILLINOIS TRANSPORTATION



== PROPOSED SIDE CURB



DETECTABLE WARNINGS

* MATCH EXISTING SIDEWALK WIDTH

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2706	FAU 2706 22 RS	LAKE	72	72
PD-03		CONTRACT NO. 62T71		
	ILLINOIS	FED. AID PROJECT		