

INDEX OF SHEETS

STATE STANDARDS

GENERAL NOTES

SHEET NO.	DESCRIPTION	STANDARD NO.	DESCRIPTION	
1	COVER SHEET	000001-09	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS	1. TEN (10) FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS AND GUTTER AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN.
2	INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES	424001-12	PERPENDICULAR CURB RAMPS FOR SIDEWALKS	2. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
3-5	SUMMARY OF QUANTITIES	442201-04	CLASS C AND D PATCHES	3. ALL MILLED SURFACES SHALL BE A UNIFORM CROSS SLOPE PER LANE AND FREE OF RIDGES BETWEEN PASSES. ANY DEVIATIONS SHALL BE CORRECTED AT NO COST TO THE DEPARTMENT.
6	EXISTING AND PROPOSED TYPICAL SECTIONS	604001-05	FRAME AND LIDS, TYPE 1	4. ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER.
7-12	ROADWAY AND PAVEMENT MARKING PLANS	604091-05	FRAME AND GRATE, TYPE 24	5. 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 RESIDENT ENGINEER.
13-42	TRAFFIC MODERNIZATION PLANS	606301-04	PC CONCRETE ISLANDS AND MEDIANS	6. DRAINAGE ADJUSTMENT OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER.
43-90	PEDESTRIAN RAMP DESIGN DETAILS	606001-09	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER	7. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
91	PROJECT DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS (PD-01)	701101-05	OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE	8. FRAMES AND GRATES ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE LIMITS OF IMPROVEMENTS SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT.
92	PROJECT DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS WITH TURNING SPACE (PD-04)	701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≤ 40 MPH	9. SIDEWALK REMOVAL AND P.C.C. SIDEWALK 5" LOCATIONS SHALL BE DETERMINED BY THE RESIDENT ENGINEER.
93	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING (BD-08)	701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED	10. 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.
94	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT (BD-22)	701602-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE	11. THE RESIDENT ENGINEER SHALL CONTACT PATRICE HARRIS, AREA TRAFFIC FIELD TECHNICIAN VIA EMAIL AT PATRICE.HARRIS@ILLINOIS.GOV A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
95	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT (BD-24)	701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN	12. THE CONTRACTOR SHALL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF PLATED STRUCTURES BY STATION AND OFFSET LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT.
96	BUTT JOINT AND HMA TAPER DETAILS (BD-32)	701611-01	URBAN HLAF ROAD CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN	13. THE CONTRACTOR SHALL 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 SHALL DELIVER THE RECORD TO THE ENGINEER.
97	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)	701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION	14. 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.
98	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-FLOW RESISTANT) (TC-11)	701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE	15. PAVEMENT MARKING TAPE, TYPE IV SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.
99	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)	701901-11	TRAFFIC CONTROL DEVICES	16. 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 SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
100	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) (TC-14)	780001-05	TYPICAL PAVEMENT MARKINGS	17. TEMPORARY PAVEMENT MARKINGS OR SHORT TERM PAVEMENT MARKINGS ON INTERMEDIATE SURFACES SHALL NOT BE REMOVED, UNLESS DIRECTED BY THE ENGINEER
101	SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS (TC-16)	781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS	
102	ARTERIAL ROAD INFORMATION SIGN (TC-22)	814001-03	HANDHOLES	
103	DRIVEWAY ENTRANCE SIGNING (TC-26)	814006-03	DOUBLE HANDHOLES	
104-110	DISTRICT 1 - STANDARD TRAFFIC SIGNAL DESIGN DETAILS (TS-01)	886001-01	DETECTOR LOOP INSTALLATIONS	
111	DISTRICT 1 - MAST ARM MOUNTED STREET NAME SIGNS (TS-02)	886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS	
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES IL 83 (SIBLEY BLVD.) [W OF MARTIN LUTHER KING DR. TO TORRENCE AVE.]
				SCALE: SHEET OF SHEETS STA. TO STA.
				F.A.P RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.
				397 FAP 0397 23 SMART COOK 111 2
				CONTRACT NO. 62V55
				ILLINOIS FED. AID PROJECT

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MODEL: SOQ-1 [Sheet]
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SUMMARY OF QUANTITIES					TYPE						CODE										
					URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN	URBAN					
					ROADWAY	SIGNAL	ROADWAY				ROADWAY	SIGNAL	ROADWAY								
					80% FED 20% STATE	80% FED 20% STATE	100% STATE				80% FED 20% STATE	80% FED 20% STATE	100% STATE								
	Code No.	Item	Unit	Total Quantity	0005	0021	0005					Code No.	Item	Unit	Total Quantity	0005	0021	0005			
	20200100	EARTH EXCAVATION	CU YD	212	212																
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	206	206																
	25200110	SODDING, SALT TOLERANT	SQ YD	206	206																
	25200200	SUPPLEMENTAL WATERING	UNIT	3.1	3.1																
	40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	201	201																
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	40581	40581																
	40600370	LONGITUDINAL JOINT SEALANT	FOOT	50952	50952																
	40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	136	136																
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	931	931																
	40605026	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80	TON	8834	8834																
	40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	20	20																
	42101300	PROTECTIVE COAT	SQ YD	5127	5127																
	42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	15	15																
	42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	22109	22109																
	42400800	DETECTABLE WARNINGS	SQ FT	1815	1815																
	44000100	PAVEMENT REMOVAL	SQ YD	135	135																
	44000156	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"	SQ YD	90135	90135																
	44000600	SIDEWALK REMOVAL	SQ FT	23742	23742																
	44003100	MEDIAN REMOVAL	SQ FT	3991	3991																
	44201803	CLASS D PATCHES, TYPE II, 13 INCH	SQ YD	700	700																
	44201807	CLASS D PATCHES, TYPE III, 13 INCH	SQ YD	350	350																
	44201809	CLASS D PATCHES, TYPE IV, 13 INCH	SQ YD	250	250																
					* = SPECIALTY ITEM											* = SPECIALTY ITEM					
	USER NAME = nicholas.babul		DESIGNED -		REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION					SUMMARY OF QUANTITIES				F.A.P RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
			DRAWN -		REVISED -							IL 83 (SIBLEY BLVD.) [W OF MARTIN LUTHER KING DR. TO TORRENCE AVE.]				397	FAP 0397 23 SMART		COOK	111	3
			CHECKED -		REVISED -											CONTRACT NO. 62V55					
	PLOT DATE = 6/24/2026		DATE -		REVISED -							SCALE:	SHEET 1	OF 3	SHEETS	STA.	TO STA.		ILLINOIS FED. AID PROJECT		

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SUMMARY OF QUANTITIES					TYPE CODE					
					URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
					ROADWAY	SIGNAL	ROADWAY			
					80% FED 20% STATE	80% FED 20% STATE	100% STATE			
	Code No.	Item	Unit	Total Quantity	0005	0021	0005			
	70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1					
	70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1					
	70102634	TRAFFIC CONTROL AND PROTECTION, STANDARD 701611	L SUM	1	1					
	70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1					
	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1					
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	5460	5460					
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	910	910					
	70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	1935	1935					
	70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	35168	35168					
	70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	5393	5393					
	70300251	TEMPORARY PAVEMENT MARKING - LINE 8"- PAINT	FOOT	232	232					
	70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	6884	6884					
	70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	1738	1738					
	70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	2730	2730					
	* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1935	1935					
	* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	35168	35168					
	* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	5393	5393					
	* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	6884	6884					
	* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	1738	1738					
	* 78004635	PREFORMED PLASTIC PAVEMENT MARKING, TYPE D - STANDARD - LINE 7"	FOOT	700	700					
	* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	4886	4886					
* = SPECIALTY ITEM										
		USER NAME = nicholas.babul	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION					
			DRAWN -	REVISED -						
			CHECKED -	REVISED -						
		PLOT DATE = 6/24/2026	DATE -	REVISED -						

SUMMARY OF QUANTITIES					TYPE CODE							
					URBAN	URBAN	URBAN	URBAN	URBAN	URBAN		
					ROADWAY	SIGNAL	ROADWAY					
					80% FED 20% STATE	80% FED 20% STATE	100% STATE					
	Code No.	Item	Unit	Total Quantity	0005	0021	0005					
*	78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	274	274							
*	78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	1294	1294							
*	78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	362	362							
*	78011040	GROOVING FOR RECESSED PAVEMENT MARKING 8"	FOOT	700	700							
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1385	1385							
	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1356	1356							
*	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	899		899						
*	81400100	HANDHOLE	EACH	1		1						
*	81400200	HEAVY-DUTY HANDHOLE	EACH	14		14						
*	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	8		8						
*	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	9052		9052						
*	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	682		682						
*	87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	2490		2490						
*	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	400		400						
*	87900200	DRILL EXISTING HANDHOLE	EACH	33		33						
*	88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	4		4						
*	88600100	DETECTOR LOOP, TYPE I	FOOT	5761		5761						
*	89502200	MODIFY EXISTING CONTROLLER	EACH	2		2						
*	89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	5409		5409						
*	89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	434		434						
*	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	3		3						
* = SPECIALTY ITEM												
INOIS NSPORTATION		SUMMARY OF QUANTITIES IL 83 (SIBLEY BLVD.) [W OF MARTIN LUTHER KING DR. TO TORRENCE AVE.]			F.A.P RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.		
					397	FAP 0397 23 SMART		COOK	111	4		
		SCALE:			SHEET 2	OF 3	SHEETS	STA.	TO STA.		CONTRACT NO. 62V55	
								ILLINOIS FED. AID PROJECT				

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* = SPECIALTY ITEM

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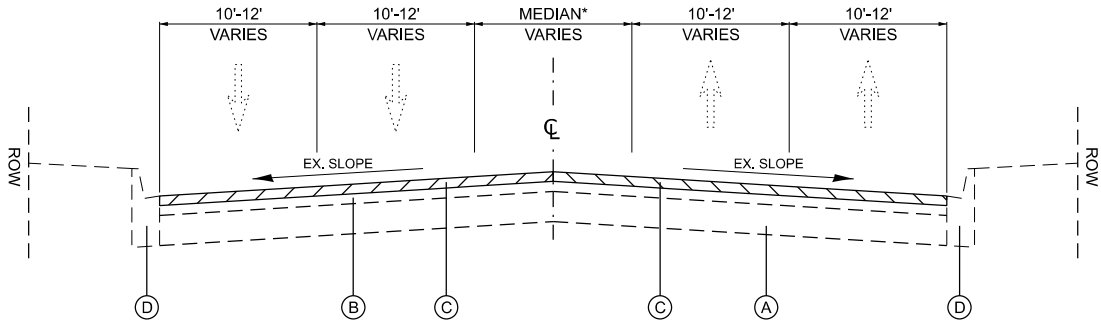
Ø 0042 * = SPECIALTY ITEM

	USER NAME = nicholas.babul	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES					F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -		IL 83 (SIBLEY BLVD.) [W OF MARTIN LUTHER KING DR. TO TORRENCE AVE.]					397	FAP 0397 23 SMART	COOK	111	5
		CHECKED -	REVISED -							CONTRACT NO. 62V55				
PLOT DATE = 6/24/2026	DATE -	REVISED -			SCALE:		SHEET 3	OF 3 SHEETS	STA.	TO STA.				
										ILLINOIS FED. AID PROJECT				

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MODEL: Typical 1 (Sheet)
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IL 83 (SIBLEY BOULEVARD)



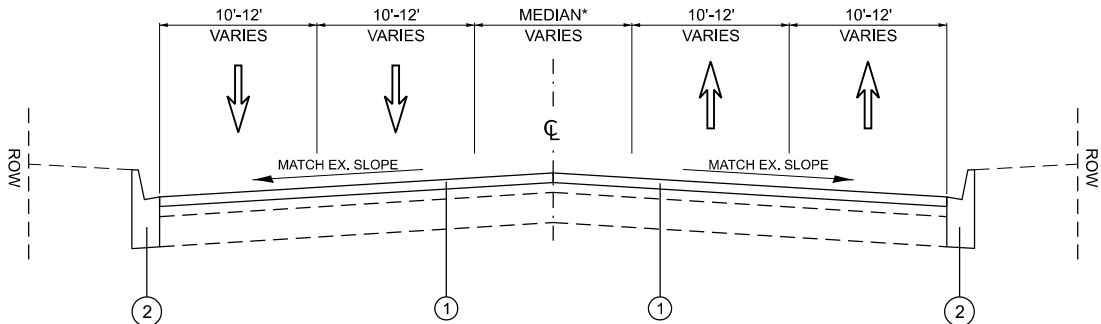
EXISTING TYPICAL SECTION

STA. 185+41 TO STA. 326+76

*MEDIAN VARIES BETWEEN PAINTED MEDIAN,
LEFT TURN OR BI-DIRECTIONAL LEFT TURN LANES

RESURFACING OMISSION:
STA 267+07 TO 281+04
(SN 016-0956)

IL 83 (SIBLEY BOULEVARD)



PROPOSED TYPICAL SECTION

STA. 185+41 TO STA. 326+76

*MEDIAN VARIES BETWEEN PAINTED MEDIAN,
LEFT TURN OR BI-DIRECTIONAL LEFT TURN LANES

RESURFACING OMISSION:
STA 267+07 TO 281+04
(SN 016-0956)

LEGEND - EXISTING

- (A) CONCRETE PAVEMENT ±9"
- (B) HOT MIX ASPHALT SURFACE BEFORE MILLING, ±5-1/2"
- (C) HOT MIX ASPHALT SURFACE REMOVAL 1-3/4"
- (D) COMBINATION CONCRETE CURB & GUTTER

LEGEND - PROPOSED

- (1) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1-3/4"
- (2) COMBINATION CONCRETE CURB & GUTTER REMOVAL AND REPLACEMENT LOCATIONS DETERMINED BY THE RESIDENT ENGINEER

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		QUALITY MANAGEMENT PROGRAM (QMP)
MIXTURE TYPE	AIR VOIDS(%) @ Ndes	
PAVEMENT RESURFACING		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1-3/4"	3.5% @ 80 GYR.	PFP
PATCHING		
CLASS D PATCHES (HMA BINDER IL-19.0)	4% @ 70 GYR.	QC/QA
INCIDENTAL HMA SURFACING (HMA DRIVEWAY RESTORATION / BACK OF CURB RESTORATION)		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50, 4" (IN 2 LIFTS)	4% @ 50 GYR.	QC/QA
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (QCP); PAY FOR PERFORMANCE (PFP)		

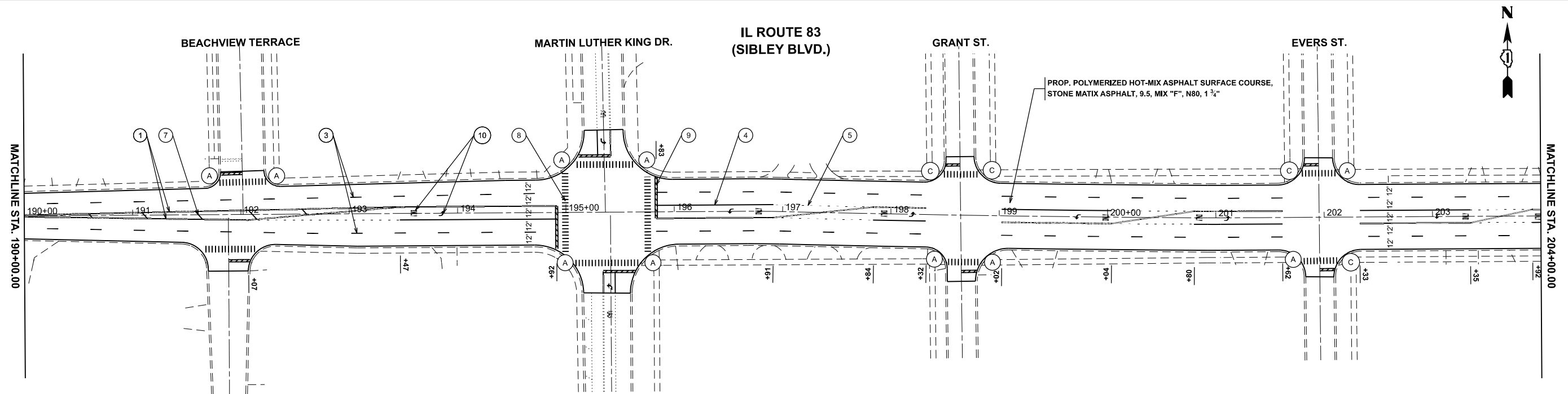
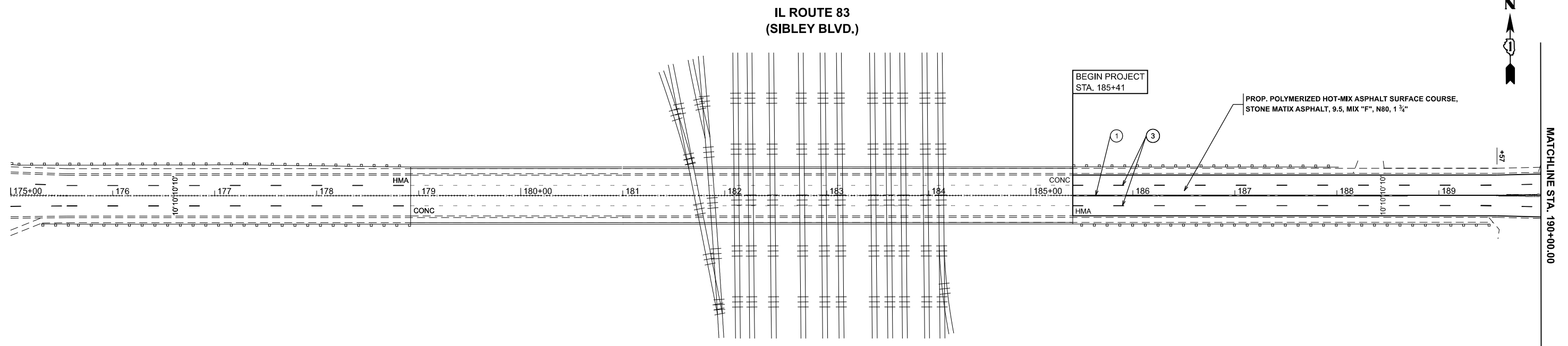
NOTE 1: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

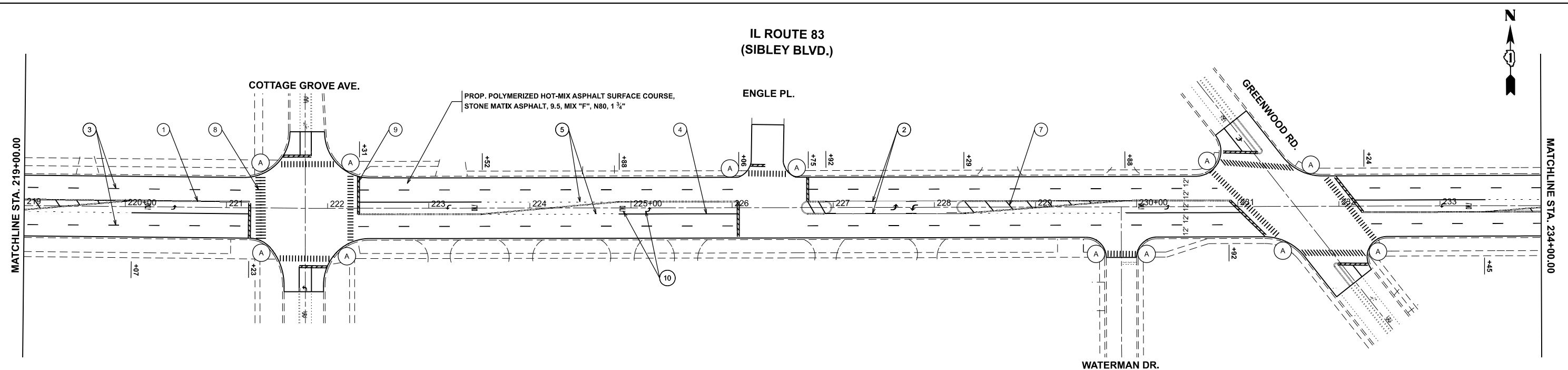
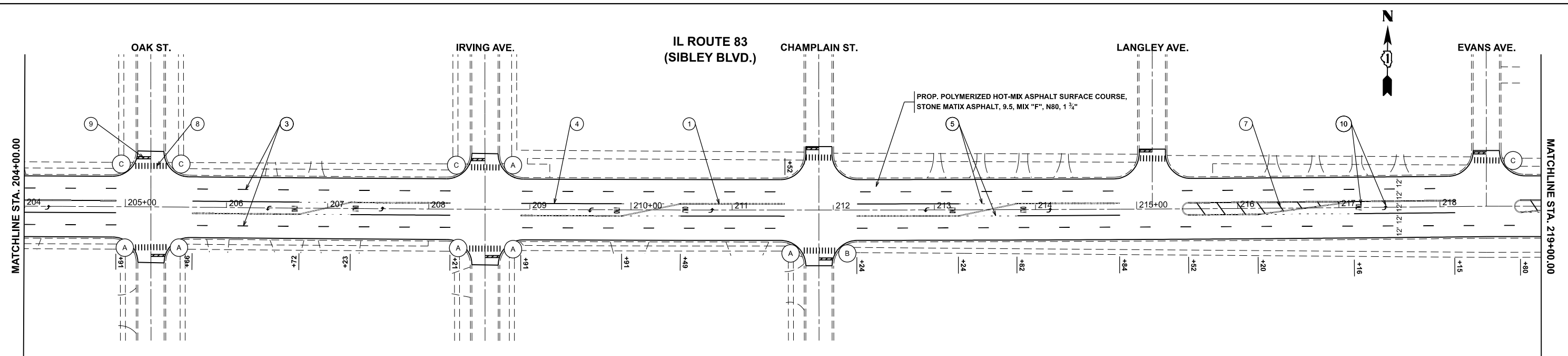
NOTE 2: THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.

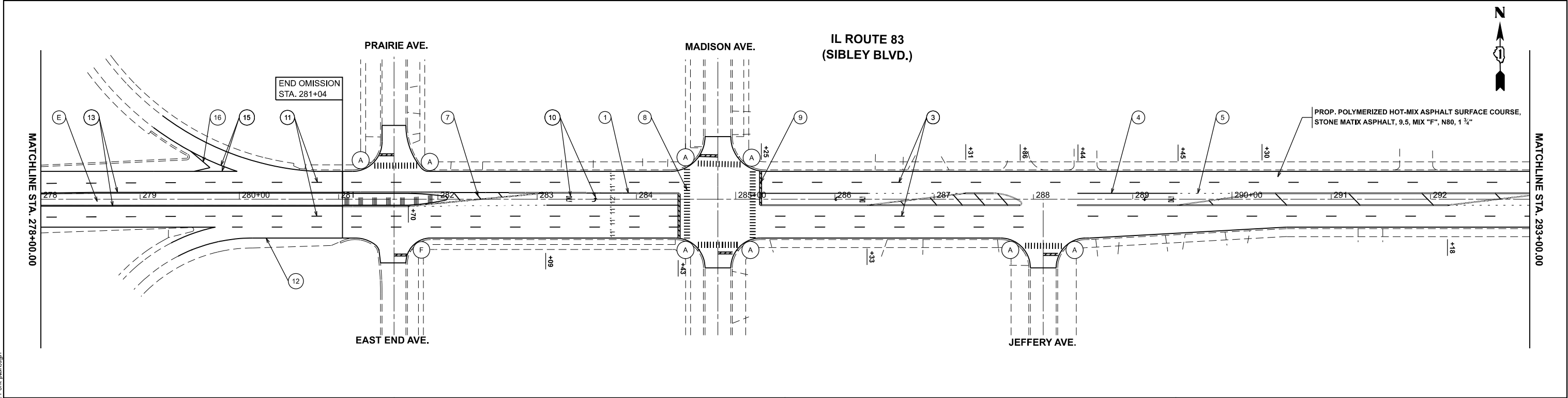
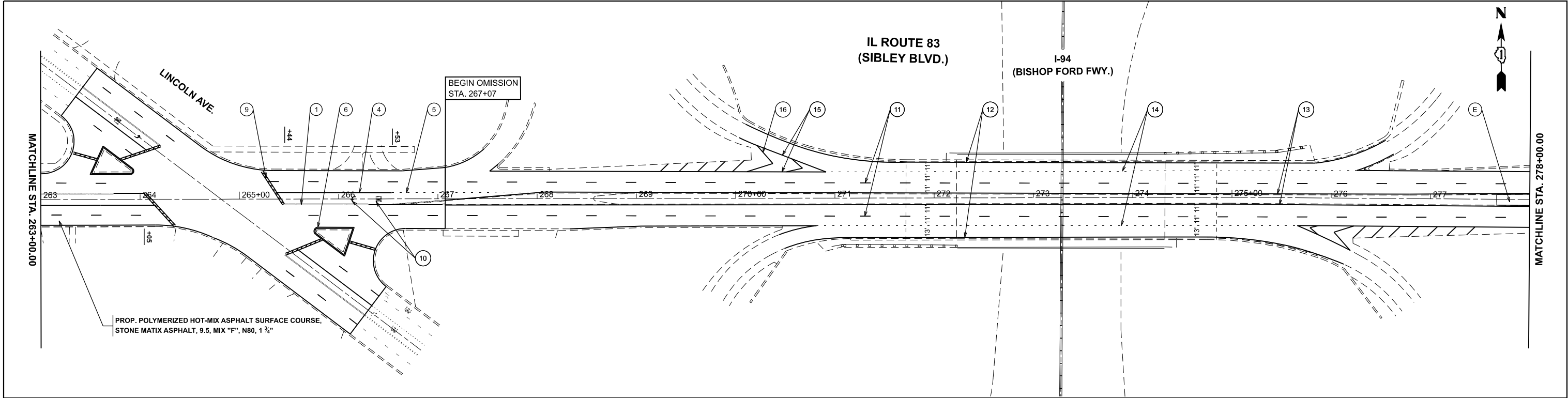
NOTE 3: THE CONTRACTOR SHALL MILL FIRST THEN PATCH.

NOTE 4: THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE MILLED SURFACE.

	USER NAME = nicholas.babul	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS IL 83 (SIBLEY BOULEVARD)				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -						397	FAP 0397 23 SMART	COOK	111	6	
		CHECKED -	REVISED -						CONTRACT NO. 62V55					
	PLOT DATE = 6/24/2026	DATE -	REVISED -						SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.
									ILLINOIS	FED. AID PROJECT				

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THERMOPLASTIC PAVEMENT MARKING LEGEND

- 1 4" DOUBLE SOLID YELLOW CENTERLINE, 2 @ 11" C-C (TYP.)
- 2 4" SKIP DASH YELLOW LINE, 10' DASH - 30' SKIP (TYP.)
4" SINGLE SOLID YELLOW LINE, 5 1/2" C-C FROM SKIP DASH (TYP.)
- 3 4" SKIP DASH WHITE LINE, 10' DASH - 30' SKIP (TYP.)
- 4 6" SINGLE SOLID WHITE TURN LANE LINE (TYP.)
- 5 6" SKIP DASH WHITE TURN LANE LINE, 2' DASH - 6' SKIP (TYP.)
- 6 8" SOLID WHITE MEDIAN EDGE LINE
- 7 12" DIAGONAL SOLID YELLOW LINE @ 75° C-C (5 MINIMUM) (TYP.)
- 8 12" SOLID WHITE SCHOOL CROSSWALK (TYP.)
- 9 24" SOLID WHITE STOP BAR (TYP.)
- 10 LETTERS AND SYMBOLS, SOLID WHITE (TYP.)

PREFORMED PLASTIC PAVEMENT MARKING TYPE D LEGEND

- 11 7" SKIP DASH, 1.5" BLACK - 4" WHITE - 1.5" BLACK LINE, 10' DASH - 30' SKIP (GROOVED) (TYP.)

MODIFIED URETHANE PAVEMENT MARKING LEGEND

- 12 4" SINGLE SOLID WHITE EDGE LINE (TYP.)
- 13 4" SINGLE SOLID YELLOW MEDIAN EDGE LINE (TYP.)
- 14 6" SKIP DASH WHITE TURN LANE LINE, 3' DASH - 9' SKIP (TYP.)
- 15 8" SOLID WHITE GORE LINES (TYP.)
- 16 12" SOLID WHITE DIAGONAL CHANNELIZING LINES (TYP.)

ROADWAY LEGEND

- A PROPOSED PEDESTRIAN RAMP IMPROVEMENT, SEE ADA DETAILS
- B PROPOSED PEDESTRIAN RAMP IMPROVEMENT, ADA DETAIL PD-01B
- C PROPOSED PEDESTRIAN RAMP IMPROVEMENT, ADA DETAIL PD-04A
- D PROPOSED PEDESTRIAN RAMP IMPROVEMENT, ADA DETAIL PD-04B
- E PROPOSED MEDIAN SURFACE REMOVAL
PROPOSED CONCRETE MEADIN SURFACE, 6"
- F PROPOSED PEDESTRIAN RAMP REMOVAL

NOTES

- LIMITS OF RESURFACING ON THE SIDE-STREETS THROUGHOUT THE PROJECT SHALL BE TO THE RADIUS RETURN, UNLESS OTHERWISE SHOWN ON THE PLANS, OR AS DIRECTED BY THE RESIDENT ENGINEER.
- ALL FINAL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH TC-13 "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" STANDARD DETAIL.
- ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH TC-11 "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" STANDARD DETAIL.
- BUTT JOINTS SHALL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) ACCORDING WITH BD-32 "BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS" UNLESS OTHERWISE SPECIFIED.

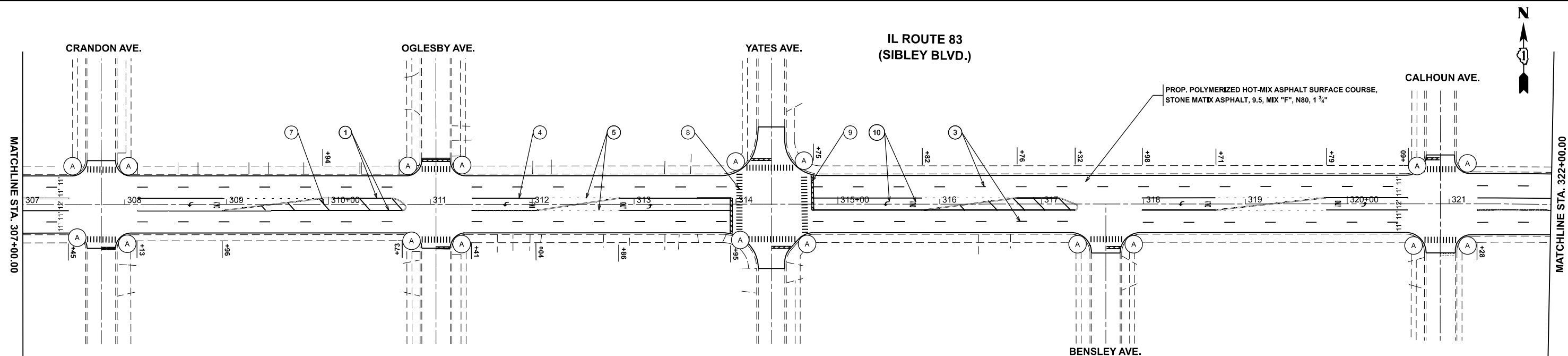
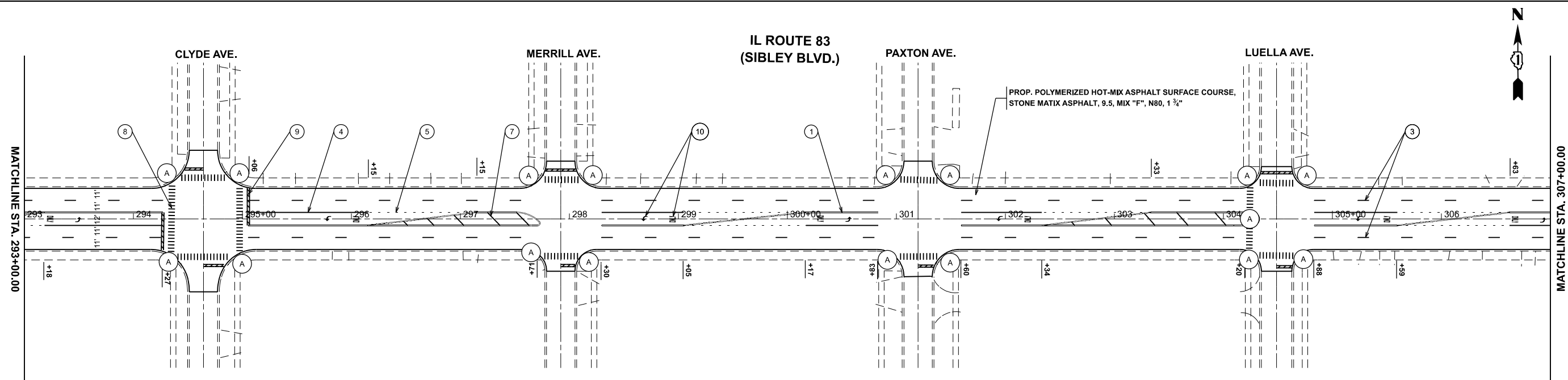
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FILE NAME: c:\paw_work\paw\il\nicholas.babul\018784\010332-sh-plan.dgn

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			DRAWN	-	REVISED	-
			CHECKED	-	REVISED	-
	PLOT DATE	= 7/27/2026	DATE	-	REVISED	-

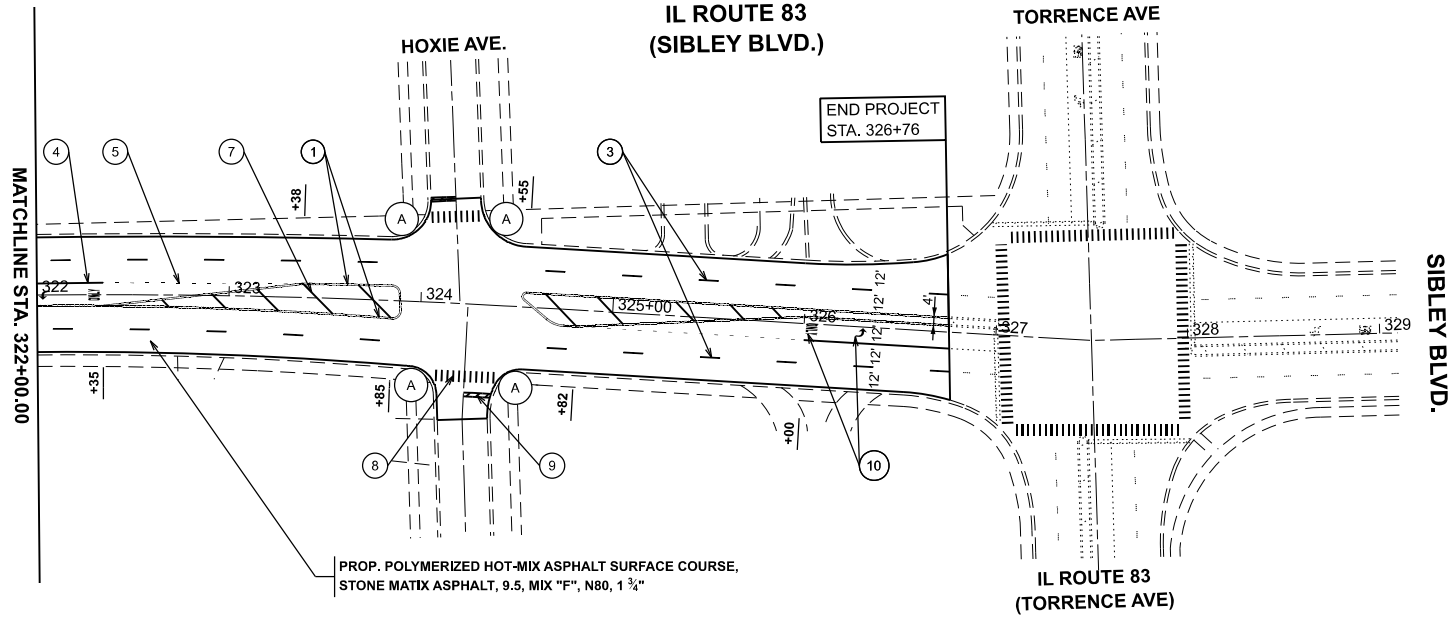
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN PAVEMENT MARKING PLAN			
IL 83 (SIBLEY BLVD.) [W OF MARTIN LUTHER KING DR. TO TORRENCE AVE.]			
SCALE:	SHEET 4	OF 6	SHEETS
STA. 263+00.00		TO STA. 293+00.00	

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	FAP 0397 23 SMART	COOK	111	10
CONTRACT NO. 62V55				
ILLINOIS FED. AID PROJECT				



MODEL: IL 83 RdwyPlan Sheet-5
FILE NAME: c:\paw\work\paw\il\il83\il83-nicholas.babul\0103324-sh-plan.dgn



THERMOPLASTIC PAVEMENT MARKING LEGEND

- 1 4" DOUBLE SOLID YELLOW CENTERLINE, 2 @ 11" C-C (TYP.)
- 2 4" SKIP DASH YELLOW LINE, 10' DASH - 30' SKIP (TYP.)
4" SINGLE SOLID YELLOW LINE, 5 1/2" C-C FROM SKIP DASH (TYP.)
- 3 4" SKIP DASH WHITE LINE, 10' DASH - 30' SKIP (TYP.)
- 4 6" SINGLE SOLID WHITE TURN LANE LINE (TYP.)
- 5 6" SKIP DASH WHITE TURN LANE LINE, 2' DASH - 6' SKIP (TYP.)
- 6 8" SOLID WHITE MEDIAN EDGE LINE
- 7 12" DIAGONAL SOLID YELLOW LINE @ 75° C-C (5 MINIMUM) (TYP.)
- 8 12" SOLID WHITE SCHOOL CROSSWALK (TYP.)
- 9 24" SOLID WHITE STOP BAR (TYP.)
- 10 LETTERS AND SYMBOLS, SOLID WHITE (TYP.)

PREFORMED PLASTIC PAVEMENT MARKING TYPE D LEGEND

- 11 7" SKIP DASH, 1.5" BLACK - 4" WHITE - 1.5" BLACK LINE, 10' DASH - 30' SKIP (GROOVED) (TYP.)

MODIFIED URETHANE PAVEMENT MARKING LEGEND

- 12 4" SINGLE SOLID WHITE EDGE LINE (TYP.)
- 13 4" SINGLE SOLID YELLOW MEDIAN EDGE LINE (TYP.)
- 14 6" SKIP DASH WHITE TURN LANE LINE, 3' DASH - 9' SKIP (TYP.)
- 15 8" SOLID WHITE GORE LINES (TYP.)
- 16 12" SOLID WHITE DIAGONAL CHANNELIZING LINES (TYP.)

ROADWAY LEGEND

- A PROPOSED PEDESTRIAN RAMP IMPROVEMENT, SEE ADA DETAILS
- B PROPOSED PEDESTRIAN RAMP IMPROVEMENT, ADA DETAIL PD-01B
- C PROPOSED PEDESTRIAN RAMP IMPROVEMENT, ADA DETAIL PD-04A
- D PROPOSED PEDESTRIAN RAMP IMPROVEMENT, ADA DETAIL PD-04B
- E PROPOSED MEDIAN SURFACE REMOVAL
PROPOSED CONCRETE MEADIN SURFACE, 6"
- F PROPOSED PEDESTRIAN RAMP REMOVAL

NOTES

- 1) LIMITS OF RESURFACING ON THE SIDE-STREETS THROUGHOUT THE PROJECT SHALL BE TO THE RADIUS RETURN, UNLESS OTHERWISE SHOWN ON THE PLANS, OR AS DIRECTED BY THE RESIDENT ENGINEER.
- 2) ALL FINAL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH TC-13 "DISTRICT ONE TYPICAL PAVEMENT MARKINGS" STANDARD DETAIL.
- 3) ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH TC-11 "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" STANDARD DETAIL.
- 4) BUTT JOINTS SHALL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) ACCORDING WITH BD-32 "BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS" UNLESS OTHERWISE SPECIFIED.

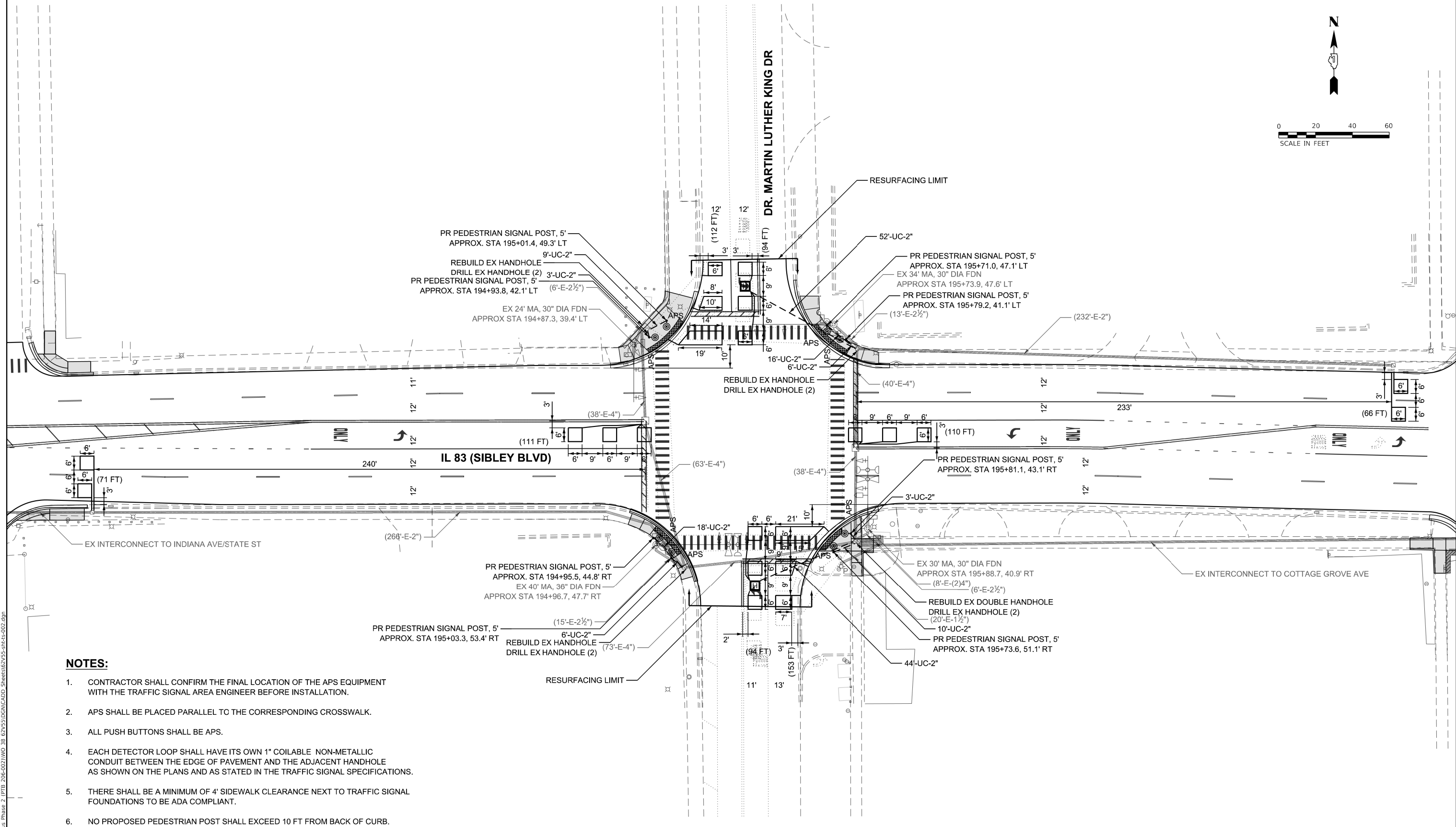
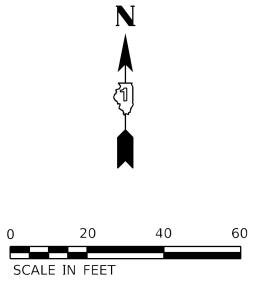
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			DRAWN	-	REVISED	-
			CHECKED	-	REVISED	-
	PLOT DATE	= 7/27/2026	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN PAVEMENT MARKING PLAN
IL 83 (SIBLEY BLVD.) [W OF MARTIN LUTHER KING DR. TO TORRENCE AVE.]

SCALE: SHEET 6 OF 6 SHEETS STA. 322+00.00 TO STA. 337+00.00

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	FAP 0397 23 SMART	COOK	111	12
CONTRACT NO. 62V55				
ILLINOIS FED. AID PROJECT				



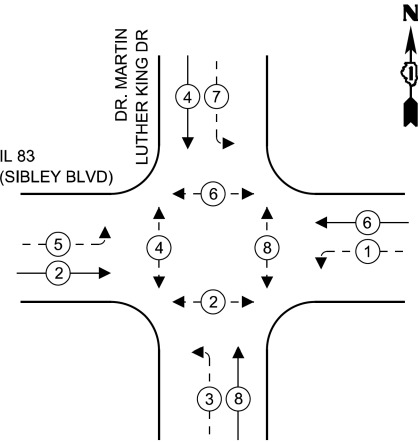
NOTES:

- CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE APS EQUIPMENT WITH THE TRAFFIC SIGNAL AREA ENGINEER BEFORE INSTALLATION.
- APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.
- ALL PUSH BUTTONS SHALL BE APS.
- EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.
- THERE SHALL BE A MINIMUM OF 4' SIDEWALK CLEARANCE NEXT TO TRAFFIC SIGNAL FOUNDATIONS TO BE ADA COMPLIANT.
- NO PROPOSED PEDESTRIAN POST SHALL EXCEED 10 FT FROM BACK OF CURB.

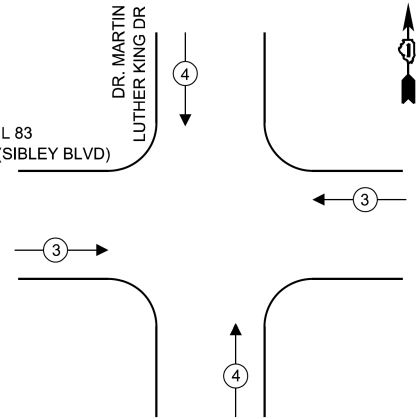
TS 3395
EAGLE 3J

 INFRASTRUCTURE ENGINEERING INCORPORATED 1 South Wacker Suite 2650 Chicago, IL 60606 P 312.425.9560 F 312.425.9564 www.infrastructure-eng.com	USER NAME = ALane	DESIGNED - AMT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL MODERNIZATION PLAN IL 83 (SIBLEY BOULEVARD) & DR. MARTIN LUTHER KING DR			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	CHECKED - ACL	REVISED -					397	FAP 0397 23 SMART	COOK	111	14
	PLOT DATE = 6/15/2026	DRAWN - AMT	REVISED -					CONTRACT NO. 62V55				
		CHECKED - ACL	REVISED -					ILLINOIS FED. AID PROJECT				
SCALE:		SHEET OF		STA.		TO STA.						

EXISTING AND PROPOSED
CONTROLLER SEQUENCE



EXISTING AND PROPOSED
EMERGENCY VEHICLE
PREMPTION SEQUENCE



LEGEND

- ← (⊛) → PROTECTED PHASE
- ← (⊛) - - PROTECTED/PERMITTED PHASE
- ← (⊛) → PEDESTRIAN PHASE

SCHEDULE OF QUANTITIES

DESCRIPTION	UNIT	TOTAL
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	167
HEAVY-DUTY HANDHOLE	EACH	2
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1069
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	207
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	80
DRILL EXISTING HANDHOLE	EACH	8
DETECTOR LOOP, TYPE I	FOOT	811
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	485
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REBUILD EXISTING HANDHOLE	EACH	4
REMOVE EXISTING HANDHOLE	EACH	2
REMOVE EXISTING CONCRETE FOUNDATION	EACH	2
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	8
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	32
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

TRAFFIC SIGNAL ELECTRICAL
SERVICE REQUIREMENTS

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	4	11	44
4-SECTION	-	14	-
5-SECTION	8	13	104
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL	8	15	120
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION RADAR OR VIDEO	-	20	-
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING			443
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING			1048

ENERGY COSTS TO:
ILLINOIS DEPARTMENT OF TRANSPORTATION

201 WEST CENTER COURT,
SCHAUMBURG, IL 60196

ENERGY SUPPLY:

CONTACT: NEW BUSINESS DEPARTMENT

PHONE: (866)639-3532

COMPANY: COMMONWEALTH EDISON

ACCOUNT NUMBER:

METER NUMBER:

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

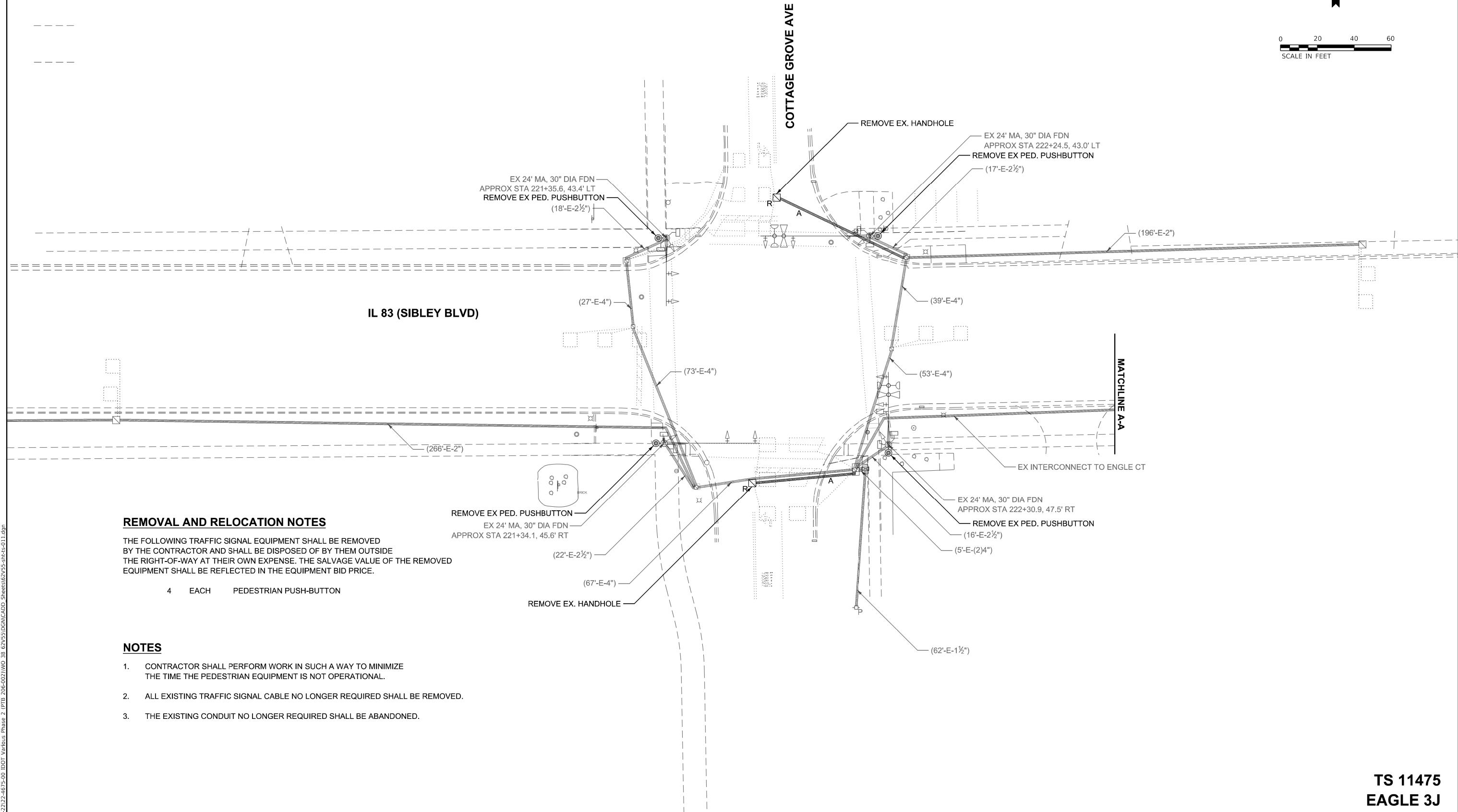
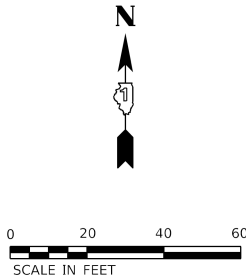
CABLE PLAN, PHASE DIAGRAM, & EMERGENCY VEHICLE PREEMPTION SEQ.
IL 83 (SIBLEY BOULEVARD) & DR. MARTIN LUTHER KING DR

SCALE: SHEET OF STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	FAP 0397 23 SMART	COOK	111	15
CONTRACT NO. 62V55				
ILLINOIS FED. AID PROJECT				

TS 3395
EAGLE 3J

MODEL: Default
FILE: TS3395-22V55-4675-00 IDOT Various Phase 2 (RTB 206-002)W0 38 62V55.DGN
CADD: Sheets62V55-4675-003.dgn



REMOVAL AND RELOCATION NOTES

THE FOLLOWING 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 EQUIPMENT BID PRICE.

4 EACH PEDESTRIAN PUSH-BUTTON

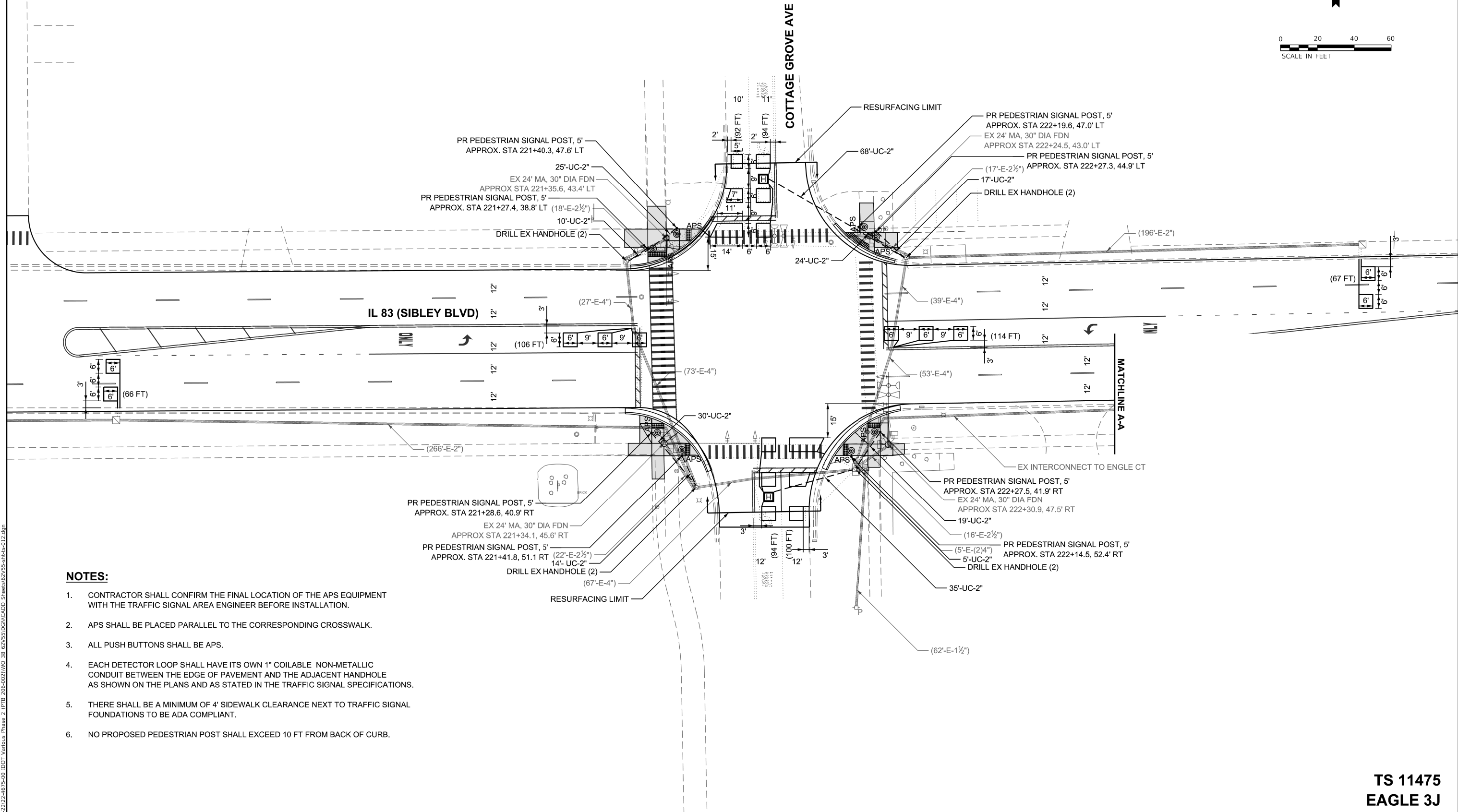
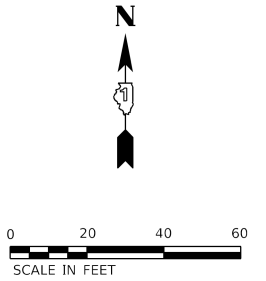
NOTES

- CONTRACTOR SHALL PERFORM WORK IN SUCH A WAY TO MINIMIZE THE TIME THE PEDESTRIAN EQUIPMENT IS NOT OPERATIONAL.
- ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.
- THE EXISTING CONDUIT NO LONGER REQUIRED SHALL BE ABANDONED.

TS 11475
EAGLE 3J

MODEL: Default
FILE: IL 83 (Sibley Blvd) - 22122-4675-00 IDOT Various Phase 2 (PTB 206-002)\WO 38 62V55\IDEN\CADD_Sheets\62V55-sht-ct-011.dgn

 INFRASTRUCTURE ENGINEERING INCORPORATED 1 South Wacker Suite 2650 Chicago, IL 60606 P 312.425.9560 F 312.425.9564 www.infrastructure-eng.com	USER NAME = ALane		DESIGNED - AMT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL REMOVAL PLAN IL 83 (SIBLEY BOULEVARD) & COTTAGE GROVE AVE			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =		CHECKED - ACL	REVISED -					397	FAP 0397 23 SMART	COOK	111	16
	PLOT DATE = 6/15/2026		DRAWN - AMT	REVISED -		SCALE: SHEET OF STA. TO STA.			CONTRACT NO. 62V55				
			CHECKED - ACL	REVISED -					ILLINOIS FED. AID PROJECT				



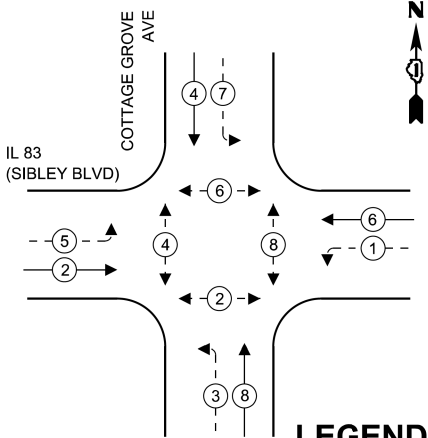
NOTES:

1. CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE APS EQUIPMENT WITH THE TRAFFIC SIGNAL AREA ENGINEER BEFORE INSTALLATION.
2. APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.
3. ALL PUSH BUTTONS SHALL BE APS.
4. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.
5. THERE SHALL BE A MINIMUM OF 4' SIDEWALK CLEARANCE NEXT TO TRAFFIC SIGNAL FOUNDATIONS TO BE ADA COMPLIANT.
6. NO PROPOSED PEDESTRIAN POST SHALL EXCEED 10 FT FROM BACK OF CURB.

**TS 11475
EAGLE 3J**

 INFRASTRUCTURE ENGINEERING INCORPORATED 1 South Wacker Suite 2650 Chicago, IL 60606 P 312.425.9560 F 312.425.9564 www.infrastructure-eng.com	USER NAME = ALane	DESIGNED - AMT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL MODERNIZATION PLAN IL 83 (SIBLEY BOULEVARD) & COTTAGE GROVE AVE			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 6/15/2026	DRAWN - AMT	REVISED -					CONTRACT NO. 62V55				
		CHECKED - ACL	REVISED -					ILLINOIS FED. AID PROJECT				
SCALE:		SHEET OF		STA.		TO STA.						

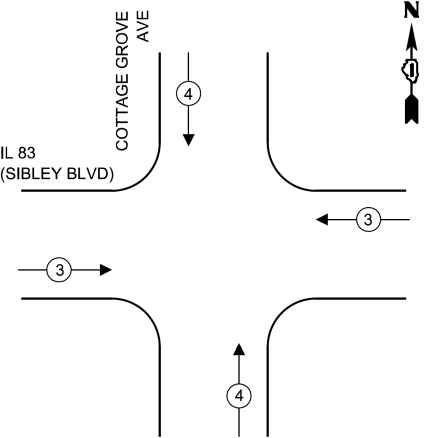
EXISTING AND PROPOSED
CONTROLLER SEQUENCE



LEGEND

- ← (P) → PROTECTED PHASE
- ← (P) - PROTECTED/PERMITTED PHASE
- ← (P) → PEDESTRIAN PHASE

EXISTING AND PROPOSED
EMERGENCY VEHICLE
PREEMPTION SEQUENCE



SCHEDULE OF QUANTITIES

DESCRIPTION	UNIT	TOTAL
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	247
HEAVY-DUTY HANDHOLE	EACH	2
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1120
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	260
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	80
DRILL EXISTING HANDHOLE	EACH	8
DETECTOR LOOP, TYPE I	FOOT	733
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	419
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	2
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	8
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	32
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

TRAFFIC SIGNAL ELECTRICAL
SERVICE REQUIREMENTS

EQUIPMENT TYPE	QUANTITY	UNIT	WATTAGE	TOTAL
SIGNAL HEAD 1 OR 3-SECTION	4	11	44	
4-SECTION	-	14	-	
5-SECTION	8	13	104	
PROGRAMMABLE 3-SECTION	-	22	-	
4-SECTION	-	32	-	
5-SECTION	-	28	-	
PEDESTRIAN SIGNAL	8	15	120	
CONTROLLER	1	150	150	
MASTER CONTROLLER	-	100	-	
UPS	1	25	25	
DETECTION RADAR OR VIDEO	-	20	-	
BLANK-OUT SIGN	-	25	-	
NETWORK SWITCH II OR III	-	35	-	
CELLULAR MODEM	-	15	-	
TOTAL UPS SIZING			443	
UPS CHARGING	1	225	225	
BATTERY HEATER MAT	1	180	180	
CABINET HEATER	1	200	200	
FLASHER	-	15	-	
LED STREET NAME SIGN	-	120	-	
LUMINAIRE	-	240	-	
TOTAL SERVICE WIRE SIZING			1048	

ENERGY COSTS TO:
ILLINOIS DEPARTMENT OF TRANSPORTATION

201 WEST CENTER COURT,
SCHAUMBURG, IL 60196

ENERGY SUPPLY:

CONTACT: NEW BUSINESS DEPARTMENT

PHONE: (866)639-3532

COMPANY: COMMONWEALTH EDISON

ACCOUNT NUMBER:

METER NUMBER:

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

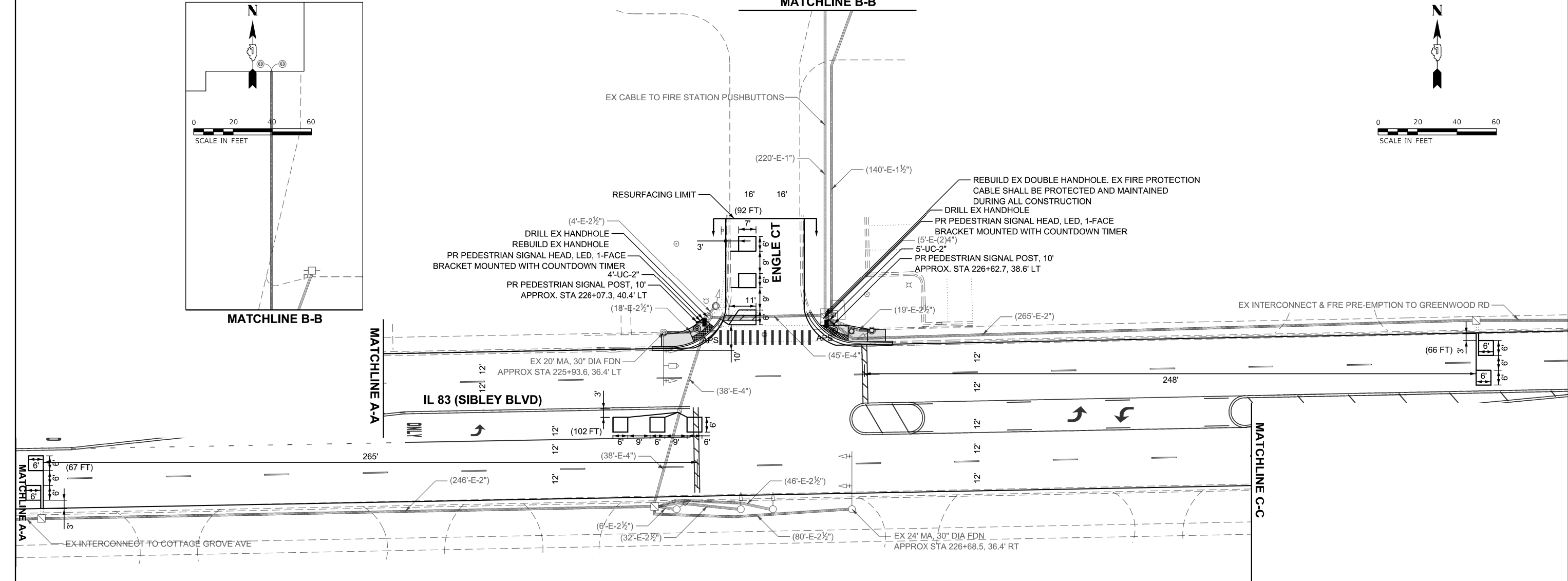
CABLE PLAN, PHASE DIAGRAM, & EMERGENCY VEHICLE PREEMPTION SEQ.
IL 83 (SIBLEY BOULEVARD) & COTTAGE GROVE AVE

SCALE: SHEET OF STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	FAP 0397 23 SMART	COOK	111	18
CONTRACT NO. 62V55				
ILLINOIS FED. AID PROJECT				

TS 11475
EAGLE 3J

MODEL: Default
FILE: IL 83 22122-4675-00 IDOT Various Phase 2 (RTB 206-002)W0 38 62V55.DGN
CADD: Sheets 62V55-013.dgn



NOTES:

1. CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE APS EQUIPMENT WITH THE TRAFFIC SIGNAL AREA ENGINEER BEFORE INSTALLATION.
2. APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.
3. ALL PUSH BUTTONS SHALL BE APS.
4. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.
5. THERE SHALL BE A MINIMUM OF 4' SIDEWALK CLEARANCE NEXT TO TRAFFIC SIGNAL FOUNDATIONS TO BE ADA COMPLIANT.
6. NO PROPOSED PEDESTRIAN POST SHALL EXCEED 10 FT FROM BACK OF CURB.

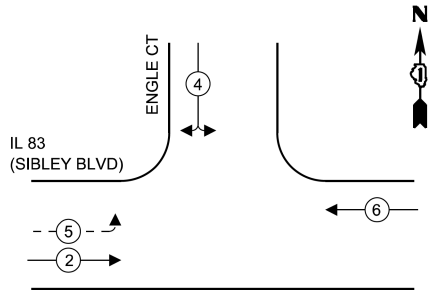
**TS 11470
EAGLE 3J**

MODEL: Default
FILE: I:\Projects\22122-4675-00 IDOT Various Phase 2 (PTB 206-002)\WO_38_62V55\IDEN\CADD_Sheets\62V55-sht-ct-022.dgn

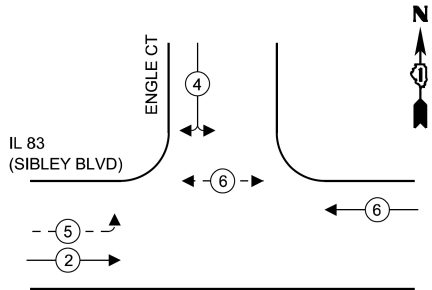
 INFRASTRUCTURE ENGINEERING INCORPORATED 1 South Wacker Suite 2650 Chicago, IL 60606 P 312.425.9560 F 312.425.9564 www.infrastructure-eng.com	USER NAME = ALane	DESIGNED - AMT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL MODERNIZATION PLAN IL 83 (SIBLEY BOULEVARD) & ENGLE CT	SCALE:	SHEET	OF	STA.	TO STA.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	CHECKED - ACL	REVISED -								397	FAP 0397 23 SMART	COOK	111	19
	PLOT DATE = 6/15/2026	DRAWN - AMT	REVISED -								CONTRACT NO. 62V55				
		CHECKED - ACL	REVISED -								ILLINOIS FED. AID PROJECT				

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DATE: 2/23/22 2:46:75-00 IDOT Various Phase 2 (RTB 206-002)W0 38 62V55.DGN CADD Sheets 62V55-ent-023.dgn

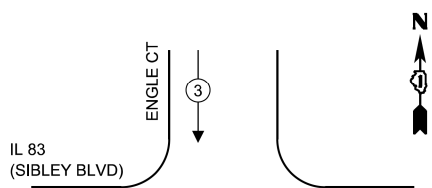
EXISTING
CONTROLLER SEQUENCE



PROPOSED
CONTROLLER SEQUENCE



EXISTING AND PROPOSED
EMERGENCY VEHICLE
PREMPTION SEQUENCE



SCHEDULE OF QUANTITIES

DESCRIPTION	UNIT	TOTAL
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	9
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	122
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	136
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	60
DRILL EXISTING HANDHOLE	EACH	2
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2
DETECTOR LOOP, TYPE I	FOOT	400
MODIFY EXISTING CONTROLLER	EACH	1
REBUILD EXISTING HANDHOLE	EACH	2
PEDESTRIAN SIGNAL POST, 10 FT.	EACH	2
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	2
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	8
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

TRAFFIC SIGNAL ELECTRICAL
SERVICE REQUIREMENTS

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	6	11	66
4-SECTION	1	14	14
5-SECTION	2	13	26
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL	2	15	30
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION RADAR OR VIDEO	-	20	-
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING			311
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING			916

ENERGY COSTS TO:
ILLINOIS DEPARTMENT OF TRANSPORTATION

201 WEST CENTER COURT,
SCHAUMBURG, IL 60196

ENERGY SUPPLY:

CONTACT: NEW BUSINESS DEPARTMENT

PHONE: (866)639-3532

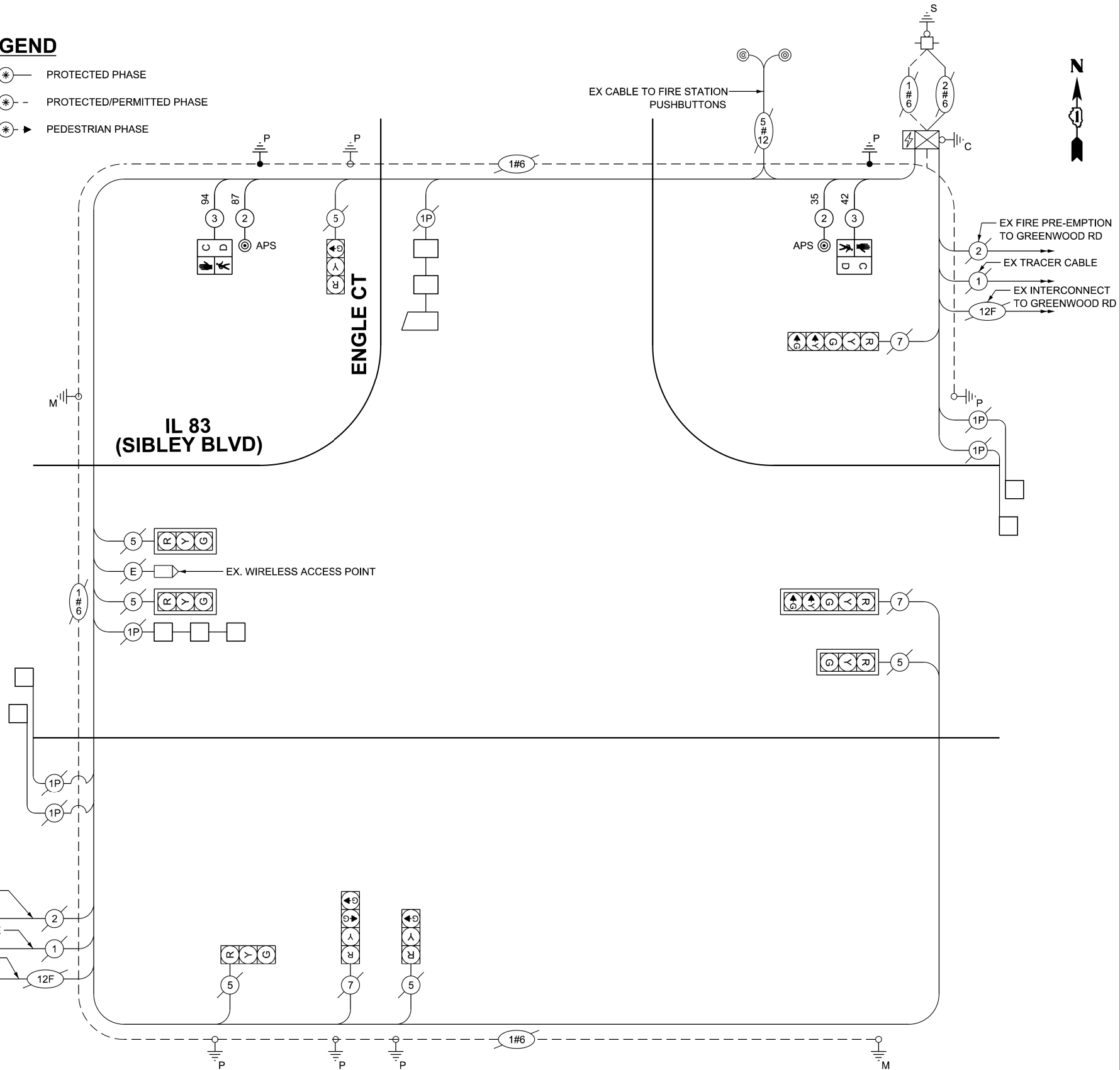
COMPANY: COMMONWEALTH EDISON

ACCOUNT NUMBER:

METER NUMBER:

LEGEND

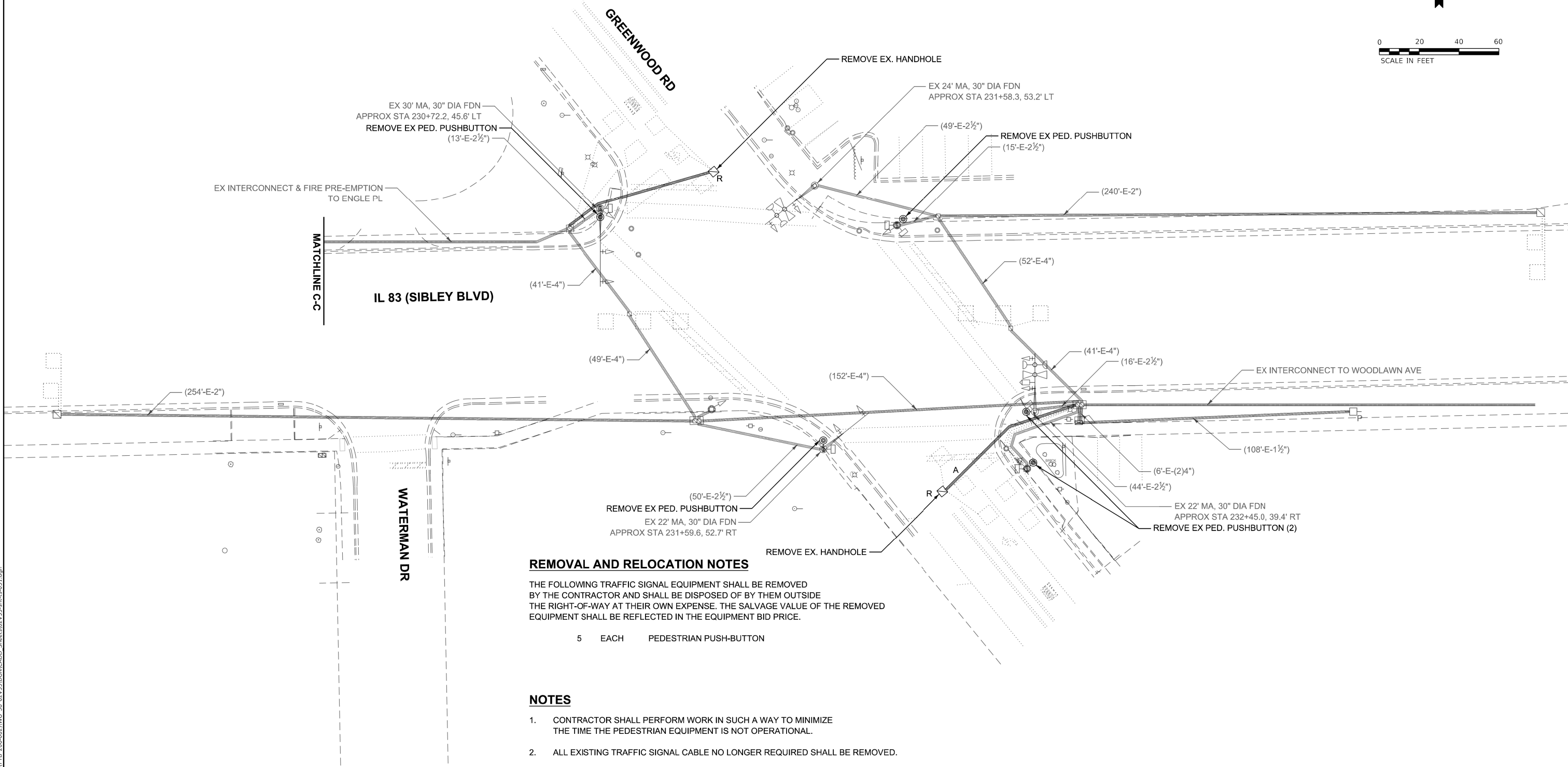
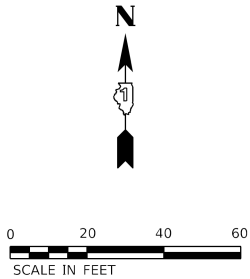
- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE



CABLE PLAN
(NOT TO SCALE)

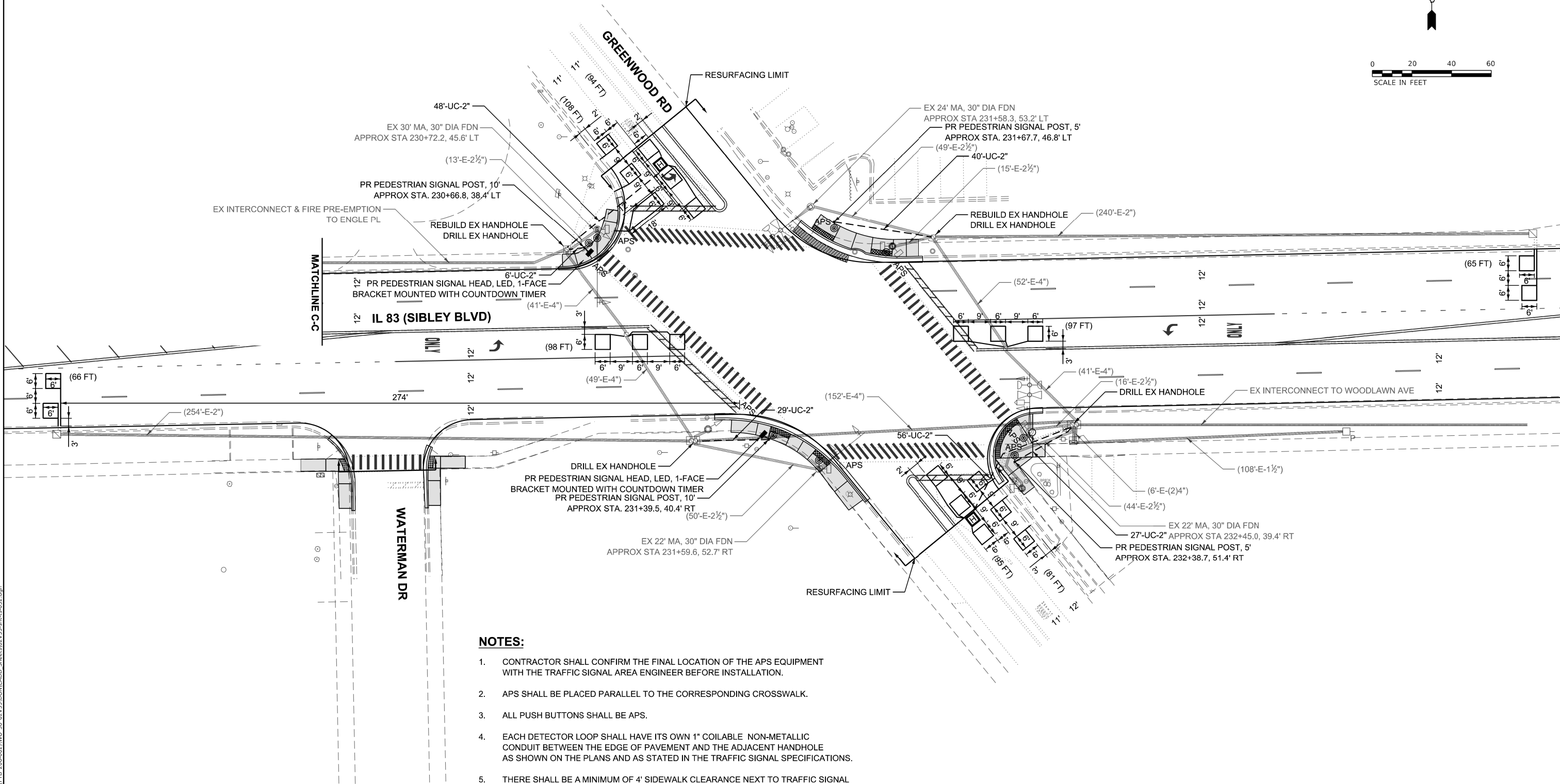
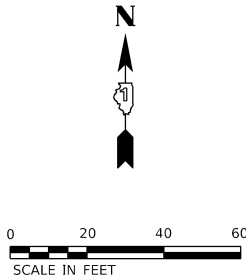
TS 11470
EAGLE 3J

	INFRASTRUCTURE ENGINEERING INCORPORATED 1 South Wacker Suite 2650 Chicago, IL 60606 P 312.425.9560 F 312.425.9564 www.infrastructure-eng.com	USER NAME = ALane	DESIGNED - AMT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CABLE PLAN, PHASE DIAGRAM, & EMERGENCY VEHICLE PREEMPTION SEQ. IL 83 (SIBLEY BOULEVARD) & ENGLE CT	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		PLOT SCALE =	CHECKED - ACL	REVISED -			397	FAP 0397 23 SMART	COOK	111	20
		PLOT DATE = 6/15/2026	DRAWN - AMT	REVISED -			CONTRACT NO. 62V55				
			CHECKED - ACL	REVISED -			SCALE:	SHEET	OF	STA.	TO STA.
								ILLINOIS FED. AID PROJECT			



TS 11465
EAGLE 3J

 INFRASTRUCTURE ENGINEERING INCORPORATED 1 South Wacker Suite 2650 Chicago, IL 60606 P 312.425.9560 F 312.425.9564 www.infrastructure-eng.com	USER NAME = ALane	DESIGNED - AMT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL REMOVAL PLAN IL 83 (SIBLEY BOULEVARD) & GREENWOOD RD			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	CHECKED - ACL	REVISED -					397	FAP 0397 23 SMART	COOK	111	21
	PLOT DATE = 6/15/2026	DRAWN - AMT	REVISED -		SCALE: SHEET OF STA. TO STA.			CONTRACT NO. 62V55				
		CHECKED - ACL	REVISED -					ILLINOIS FED. AID PROJECT				

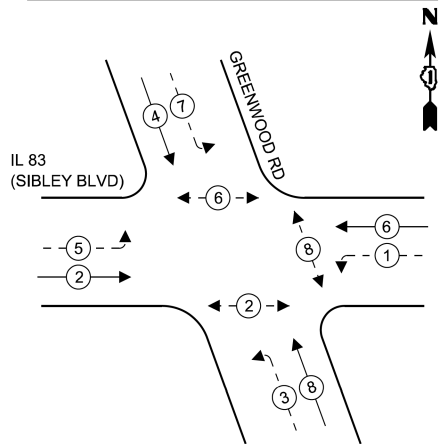


MODEL: Default
FILE: IL 83 UC-23122-4675-00 IDOT Various Phase 2 (RTB 206-002)\WO 38 62V55\IDEN\CADD_Sheets\62V55-sht-032.dgn

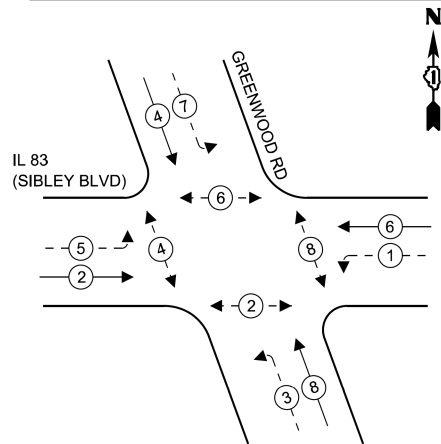
 INFRASTRUCTURE ENGINEERING INCORPORATED 1 South Wacker Suite 2650 Chicago, IL 60606 P 312.425.9560 F 312.425.9564 www.infrastructure-eng.com	USER NAME = Alane	DESIGNED - AMT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL MODERNIZATION PLAN IL 83 (SIBLEY BOULEVARD) & GREENWOOD RD			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	CHECKED - ACL	REVISED -					397	FAP 0397 23 SMART	COOK	111	22
	PLOT DATE = 6/15/2026	CHECKED - ACL	REVISED -					CONTRACT NO. 62V55				
		CHECKED - ACL	REVISED -					ILLINOIS FED. AID PROJECT				
SCALE:			SHEET	OF	STA.	TO STA.						

**TS 11465
EAGLE 3J**

EXISTING
CONTROLLER SEQUENCE



PROPOSED
CONTROLLER SEQUENCE



SCHEDULE OF QUANTITIES

DESCRIPTION	UNIT	TOTAL
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	206
HEAVY-DUTY HANDHOLE	EACH	2
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1530
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	546
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	426
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	60
DRILL EXISTING HANDHOLE	EACH	4
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2
DETECTOR LOOP, TYPE I	FOOT	704
MODIFY EXISTING CONTROLLER	EACH	1
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	763
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REBUILD EXISTING HANDHOLE	EACH	2
REMOVE EXISTING HANDHOLE	EACH	2
PEDESTRIAN SIGNAL POST, 10 FT.	EACH	2
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	2
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	16
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

TRAFFIC SIGNAL ELECTRICAL
SERVICE REQUIREMENTS

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	4	11	44
4-SECTION	-	14	-
5-SECTION	8	13	104
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL	8	15	120
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION RADAR OR VIDEO	-	20	-
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING			443
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING			1048

ENERGY COSTS TO:
ILLINOIS DEPARTMENT OF TRANSPORTATION

201 WEST CENTER COURT,
SCHAUMBURG, IL 60196

ENERGY SUPPLY:

CONTACT: NEW BUSINESS DEPARTMENT

PHONE: (866)639-3532

COMPANY: COMMONWEALTH EDISON

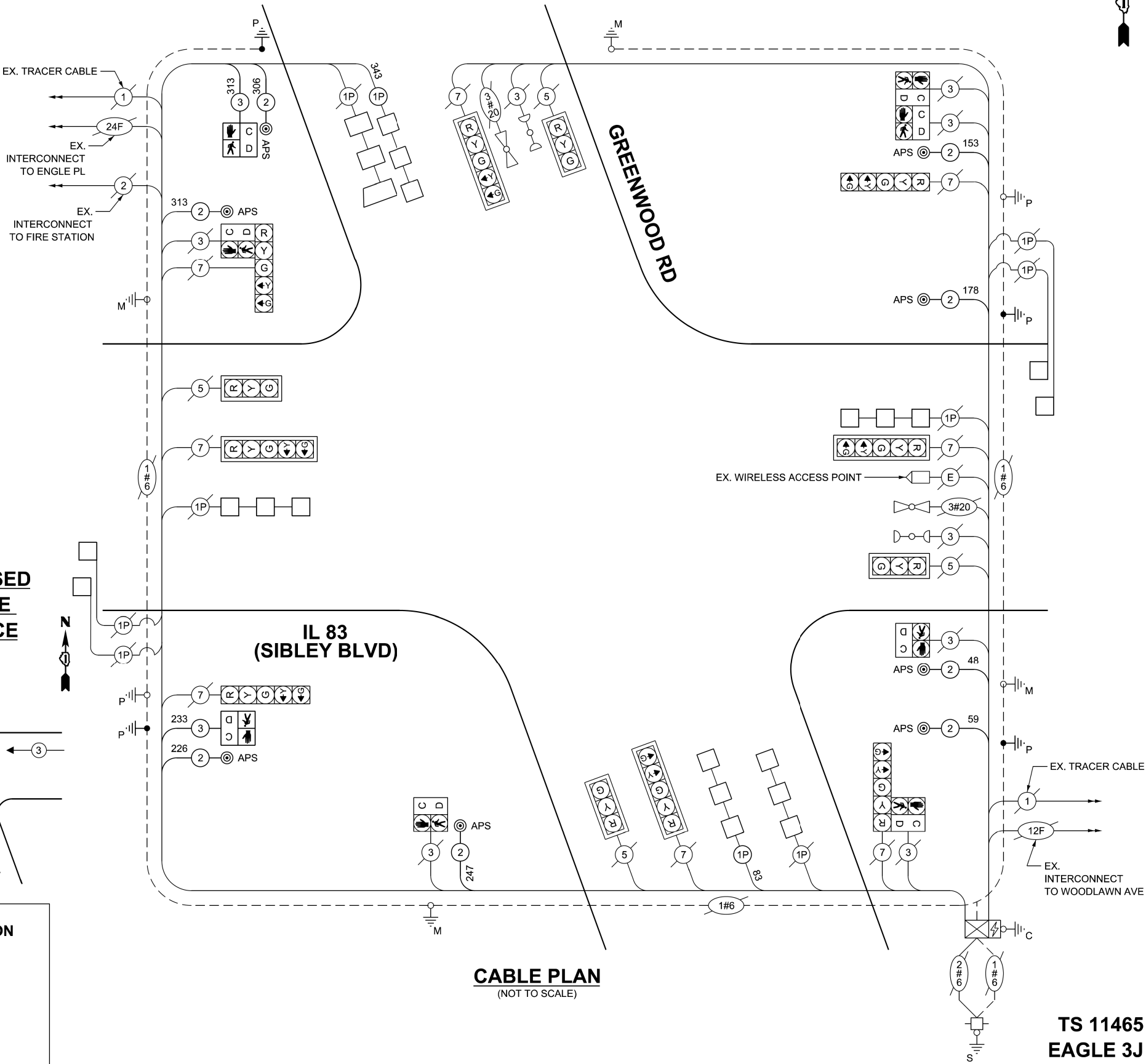
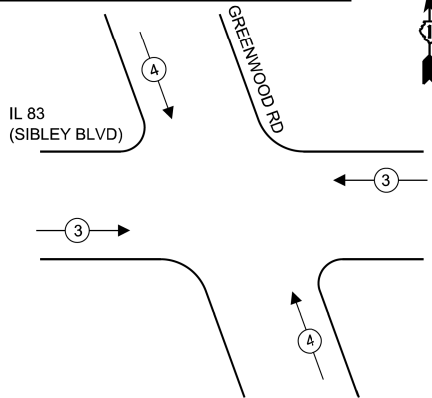
ACCOUNT NUMBER:

METER NUMBER:

LEGEND

- ← * → PROTECTED PHASE
- ← * - PROTECTED/PERMITTED PHASE
- ← * → PEDESTRIAN PHASE

EXISTING AND PROPOSED
EMERGENCY VEHICLE
PREEMPTION SEQUENCE



CABLE PLAN
(NOT TO SCALE)

TS 11465
EAGLE 3J

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DIAGRAM, & EMERGENCY VEHICLE PREEMPTION SEQ.
IL 83 (SIBLEY BOULEVARD) & GREENWOOD RD

SCALE: SHEET OF STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	FAP 0397 23 SMART	COOK	111	23
CONTRACT NO. 62V55				
ILLINOIS FED. AID PROJECT				



WOODLAWN AVE

IL 83 (SIBLEY BLVD)

REMOVAL AND RELOCATION NOTES

THE FOLLOWING 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 EQUIPMENT BID PRICE.

6 EACH PEDESTRIAN PUSH-BUTTON

NOTES

- CONTRACTOR SHALL PERFORM WORK IN SUCH A WAY TO MINIMIZE THE TIME THE PEDESTRIAN EQUIPMENT IS NOT OPERATIONAL.
- ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.
- THE EXISTING CONDUIT NO LONGER REQUIRED SHALL BE ABANDONED.

REMOVE EX PED. PUSHBUTTON
(20'-E-2")
REMOVE EX PED. PUSHBUTTON
EX 30' MA, 30" DIA FDN
APPROX STA 247+98.7, 37.4' LT

REMOVE EX PED. PUSHBUTTON

(9'-E-2")

(13'-E-2")

(255'-E-2")

(74'-E-2")

(2'-E-2½")

(28'-E-4")

REMOVE EX. HANDHOLE

(14'-E-2½")

(42'-E-4")

(1'-E-2")

(57'-E-3")

(13'-E-2")

(230'-E-2")

(5'-E-(2)4")

(20'-E-3")

REMOVE EX PED. PUSHBUTTON
(22'-E-1½")

REMOVE EX PED. PUSHBUTTON

EX 26' MA, 30" DIA FDN
APPROX STA 248+90.6, 33.9' RT
(29'-E-2½")

REMOVE EX PED. PUSHBUTTON

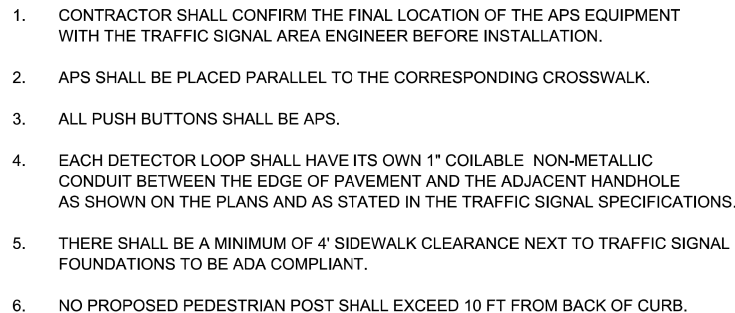
EX INTERCONNECT TO LINCOLN AVE

EX INTERCONNECT TO GREENWOOD RD

MODEL: Default
FILE: I:\Projects\22122-4675-00 IDOT Various Phase 2 (RTB 206-002)\WO 38 62V55\DEN\CADD_Sheets\62V55-sht-3r-001.dgn

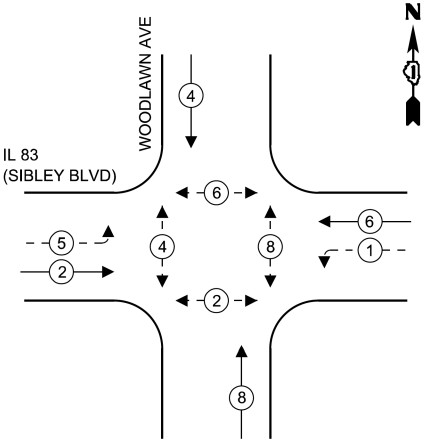
TS 11460
EAGLE 3J

 INFRASTRUCTURE ENGINEERING INCORPORATED 1 South Wacker Suite 2650 Chicago, IL 60606 P 312.425.9560 F 312.425.9564 www.infrastructure-eng.com	USER NAME = ALane		DESIGNED - AMT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL REMOVAL PLAN IL 83 (SIBLEY BOULEVARD) & WOODLAWN AVE			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =		CHECKED - ACL	REVISED -					397	FAP 0397 23 SMART	COOK	111	24
	PLOT DATE = 6/15/2026		DRAWN - AMT	REVISED -		SCALE: SHEET OF STA. TO STA.			CONTRACT NO. 62V55				
			CHECKED - ACL	REVISED -					ILLINOIS FED. AID PROJECT				

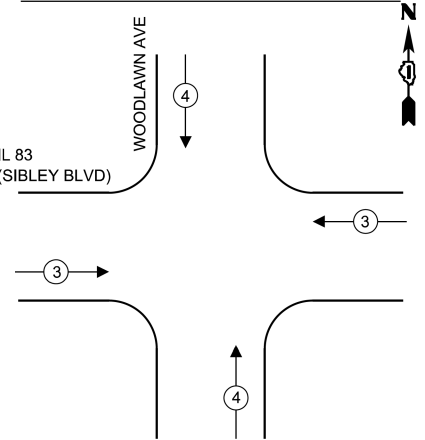


 INFRASTRUCTURE ENGINEERING INCORPORATED 1 South Wacker Suite 2650 Chicago, IL 60606 P 312.425.9550 F 312.425.9554 www.infrastructure-eng.com	USER NAME = ALane	DESIGNED - AMT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL MODERNIZATION PLAN IL 83 (SIBLEY BOULEVARD) & WOODLAWN AVE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	CHECKED - ACL	REVISED -	SCALE:			SHEET	OF	STA.	TO STA.	ILLINOIS

EXISTING AND PROPOSED
CONTROLLER SEQUENCE



EXISTING AND PROPOSED
EMERGENCY VEHICLE
PREMPTION SEQUENCE



SCHEDULE OF QUANTITIES

DESCRIPTION	UNIT	TOTAL
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	100
HEAVY-DUTY HANDHOLE	EACH	1
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1043
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	175
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	50
DRILL EXISTING HANDHOLE	EACH	5
DETECTOR LOOP, TYPE I	FOOT	528
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	510
REBUILD EXISTING HANDHOLE	EACH	5
REMOVE EXISTING HANDHOLE	EACH	1
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	5
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	20
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

TRAFFIC SIGNAL ELECTRICAL
SERVICE REQUIREMENTS

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	8	11	88
4-SECTION	-	14	-
5-SECTION	4	13	52
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL	8	15	120
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION RADAR OR VIDEO	-	20	-
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING			435
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING			1040

ENERGY COSTS TO:
ILLINOIS DEPARTMENT OF TRANSPORTATION

201 WEST CENTER COURT,
SCHAUMBURG, IL 60196

ENERGY SUPPLY:

CONTACT: NEW BUSINESS DEPARTMENT

PHONE: (866)639-3532

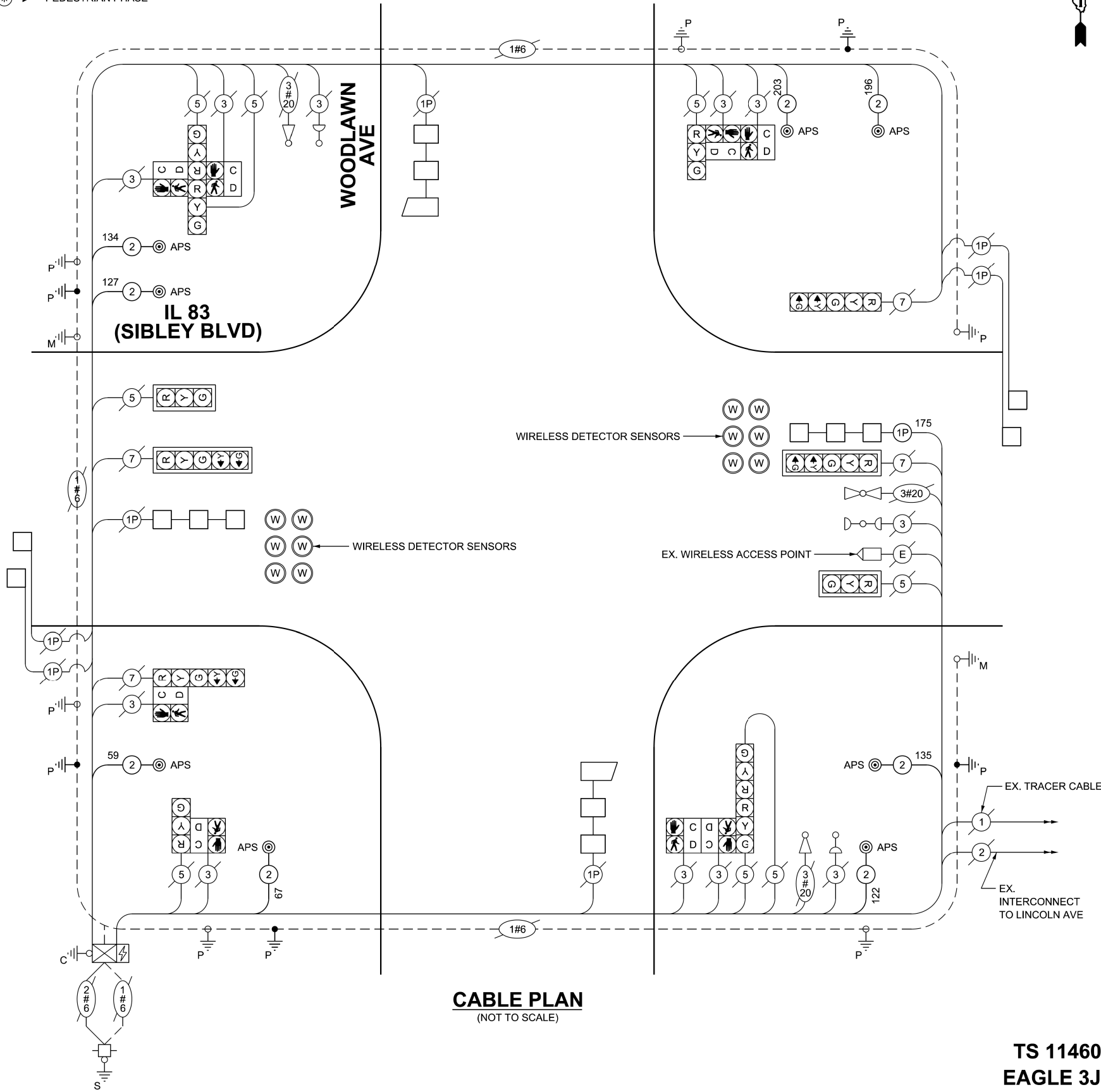
COMPANY: COMMONWEALTH EDISON

ACCOUNT NUMBER:

METER NUMBER:

LEGEND

- ← (⊛) ← PROTECTED PHASE
- ← (⊛) - - PROTECTED/PERMITTED PHASE
- ← (⊛) → PEDESTRIAN PHASE



CABLE PLAN
(NOT TO SCALE)

TS 11460
EAGLE 3J

MODEL: Default
FILE: IL 60606-22322-4675-00 IDOT Various Phase 2 (RTB 206-0023)WO 38 62V55.DGN
CADD: Sheets62V55-rtb-tc-043.dgn

INFRASTRUCTURE
ENGINEERING | INCORPORATED
1 South Wacker | Suite 2650 | Chicago, IL 60606
P 312.425.9560 | F 312.425.9564 | www.infrastructure-eng.com

USER NAME = ALane
PLOT SCALE =
PLOT DATE = 6/15/2026

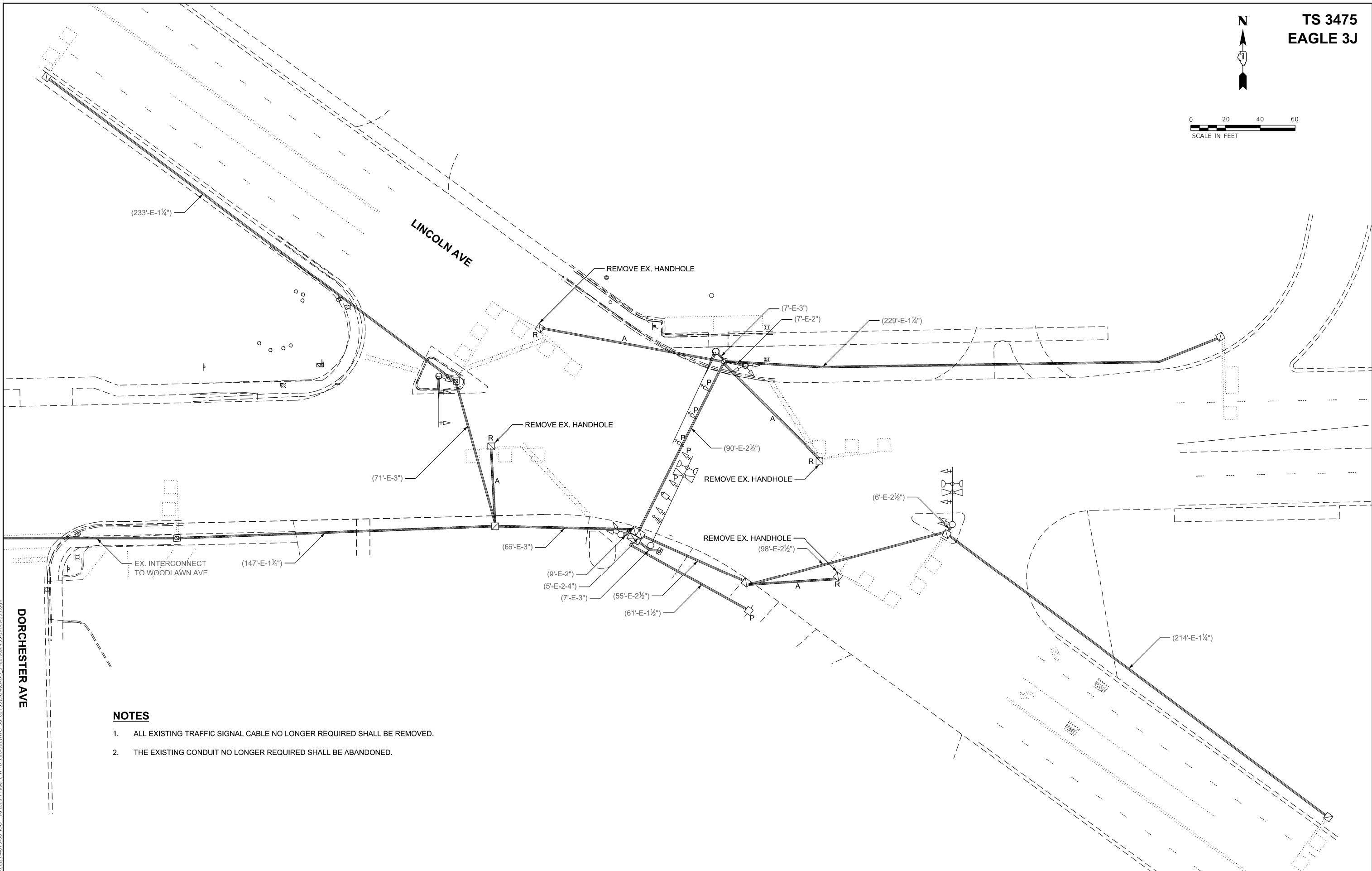
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CHECKED -	ACL	REVISED -
DRAWN -	AMT	REVISED -
CHECKED -	ACL	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DIAGRAM, & EMERGENCY VEHICLE PREEMPTION SEQ.
IL 83 (SIBLEY BOULEVARD) & WOODLAWN AVE

SCALE: SHEET OF STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	FAP 0397 23 SMART	COOK	111	26
CONTRACT NO. 62V55				
ILLINOIS FED. AID PROJECT				



NOTES

1. ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.
2. THE EXISTING CONDUIT NO LONGER REQUIRED SHALL BE ABANDONED.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL REMOVAL PLAN
IL 83 (SIBLEY BOULEVARD) & LINCOLN AVE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	FAP 0397 23 SMART	COOK	111	27
CONTRACT NO. 62V55				
ILLINOIS FED. AID PROJECT				

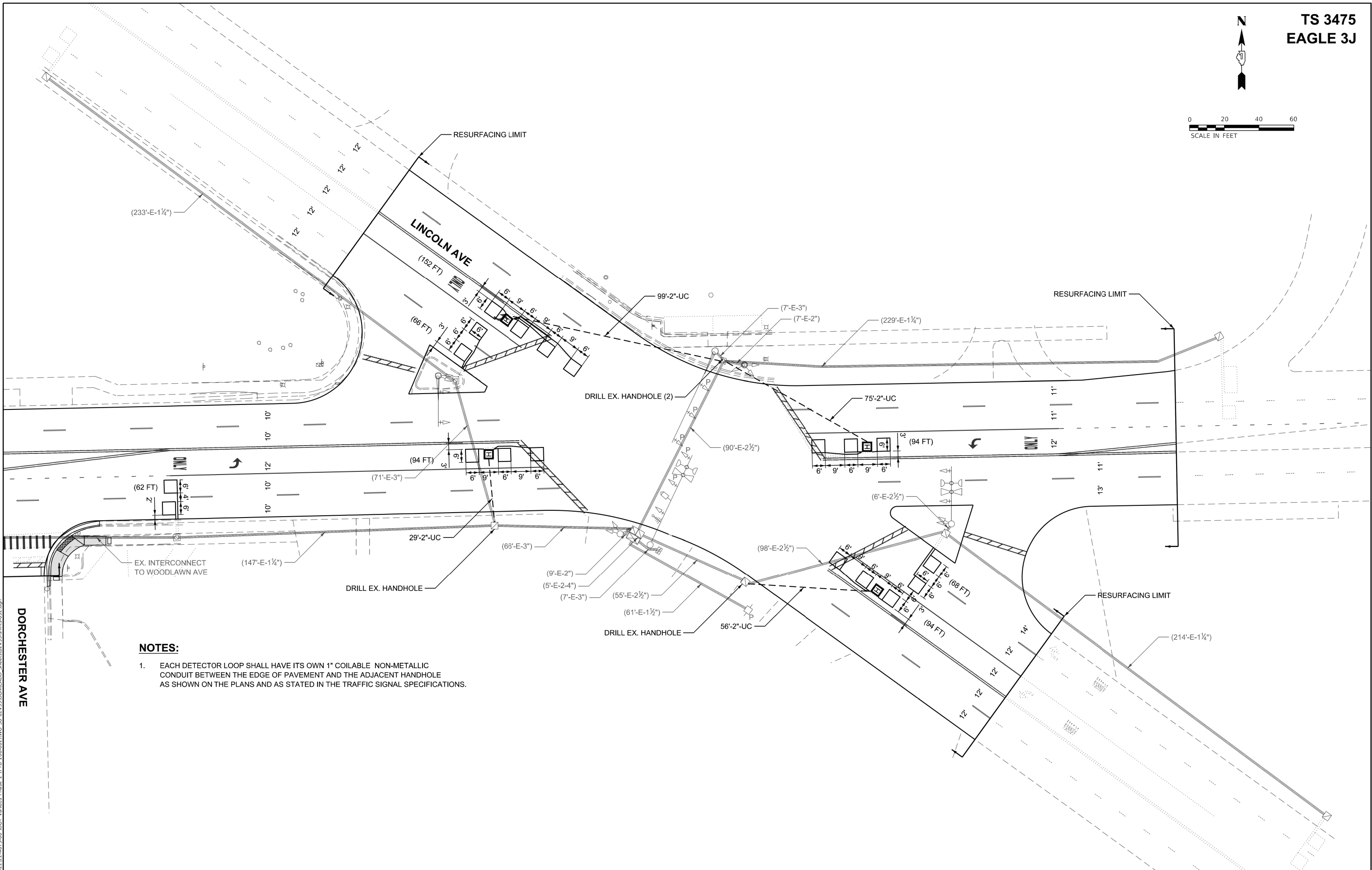
SCALE: SHEET OF STA. TO STA.

MODEL: Default
FILE: IL 83 (SIBLEY BOULEVARD) & LINCOLN AVE.dgn
PLOT DATE: 6/15/2026
PLOT SCALE: 1/8\"/>



**INFRASTRUCTURE
ENGINEERING** | INCORPORATED
1 South Wacker | Suite 2650 | Chicago, IL 60606
P 312.425.9560 | F 312.425.9564 | www.infrastructure-eng.com

USER NAME = ALane	DESIGNED - AMT	REVISED -
	CHECKED - ACL	REVISED -
PLOT SCALE =	DRAWN - AMT	REVISED -
PLOT DATE = 6/15/2026	CHECKED - ACL	REVISED -



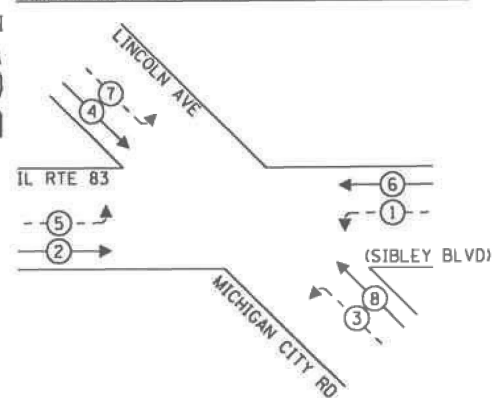
NOTES:

1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.

MODEL: Default
FILE: IL 83 - TS 3475 - EAGLE 3J.dwg
PLOT DATE: 7/28/2026
PLOT SCALE: 1/8\"/>

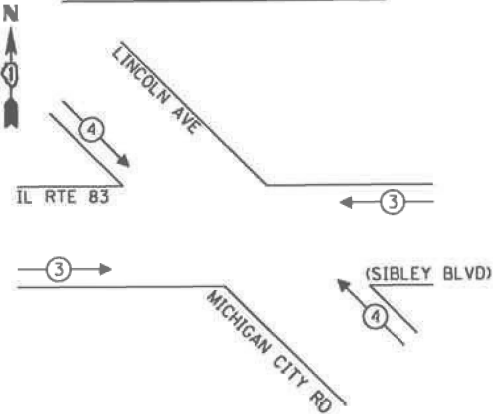
 INFRASTRUCTURE ENGINEERING INCORPORATED 1 South Wacker Suite 2650 Chicago, IL 60606 P 312.425.9560 F 312.425.9564 www.infrastructure-eng.com	USER NAME = ATverdokhle	DESIGNED - AMT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL MODERNIZATION PLAN IL 83 (SIBLEY BOULEVARD) & LINCOLN AVE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 7/28/2026	DRAWN - AMT	REVISED -			CONTRACT NO. 62V55				
		CHECKED - ACL	REVISED -			ILLINOIS FED. AID PROJECT				
SCALE:		SHEET	OF	STA.	TO STA.					

EXISTING CONTROLLER SEQUENCE



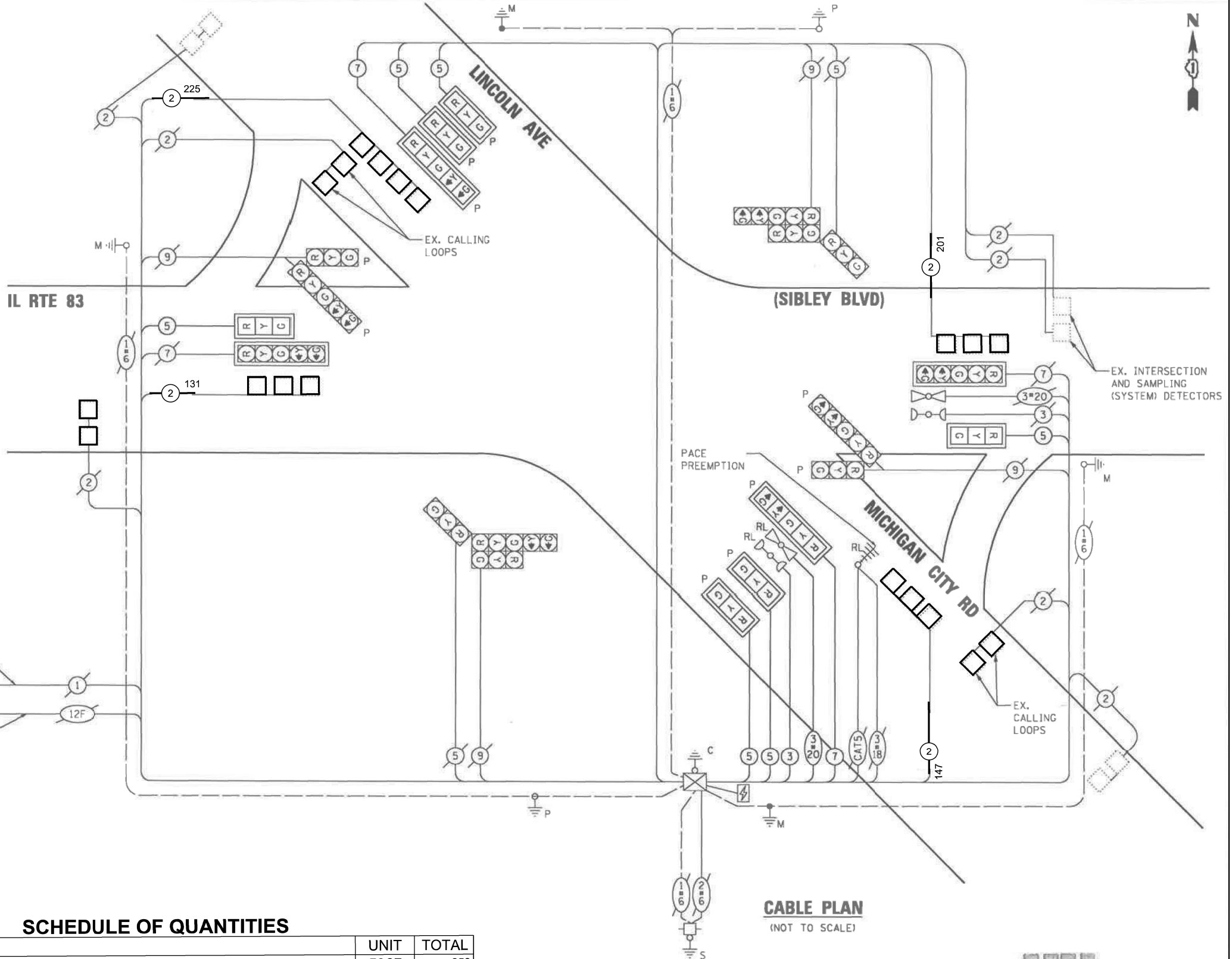
LEGEND:

- ← (P) → PROTECTED PHASE
- ← (P) - - - PROTECTED/PERMITTED PHASE
- ← (P) → PEDESTRIAN PHASE
- ← (P) → OVERLAP

EXISTING EMERGENCY VEHICLE
PREEMPTION SEQUENCETRAFFIC SIGNAL
ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	20	11	50	110.0
(YELLOW)	20	20	5	20.0
(GREEN)	20	12	45	108.0
PERMISSIVE ARROW	16	10	10	16.0
PED. SIGNAL	0	20	100	0.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	150	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	-	-	-
TOTAL =				379.0

ENERGY COSTS TO:

VILLAGE OF DOLTON
14122 CHICAGO ROAD
DOLTON, IL 60419ENERGY SUPPLY: CONTACT: ILYAS MOHIUDDIN
PHONE: 708-235-2692
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER:CABLE PLAN
(NOT TO SCALE)

SCHEDULE OF QUANTITIES

DESCRIPTION	UNIT	TOTAL
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	259
HEAVY-DUTY HANDHOLE	EACH	4
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	704
DRILL EXISTING HANDHOLE	EACH	4
DETECTOR LOOP, TYPE I	FOOT	630
REMOVE EXISTING HANDHOLE	EACH	4

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATIONCABLE PLAN, PHASE DIAGRAM & EMERGENCY VEHICLE PREEMPTION SEQ.
IL 83 (SIBLEY BOULEVARD) & LINCOLN AVE

SCALE: SHEET OF STA. TO STA.

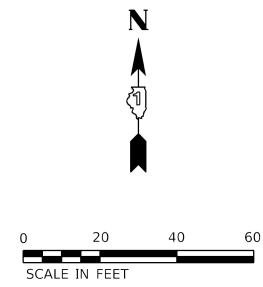
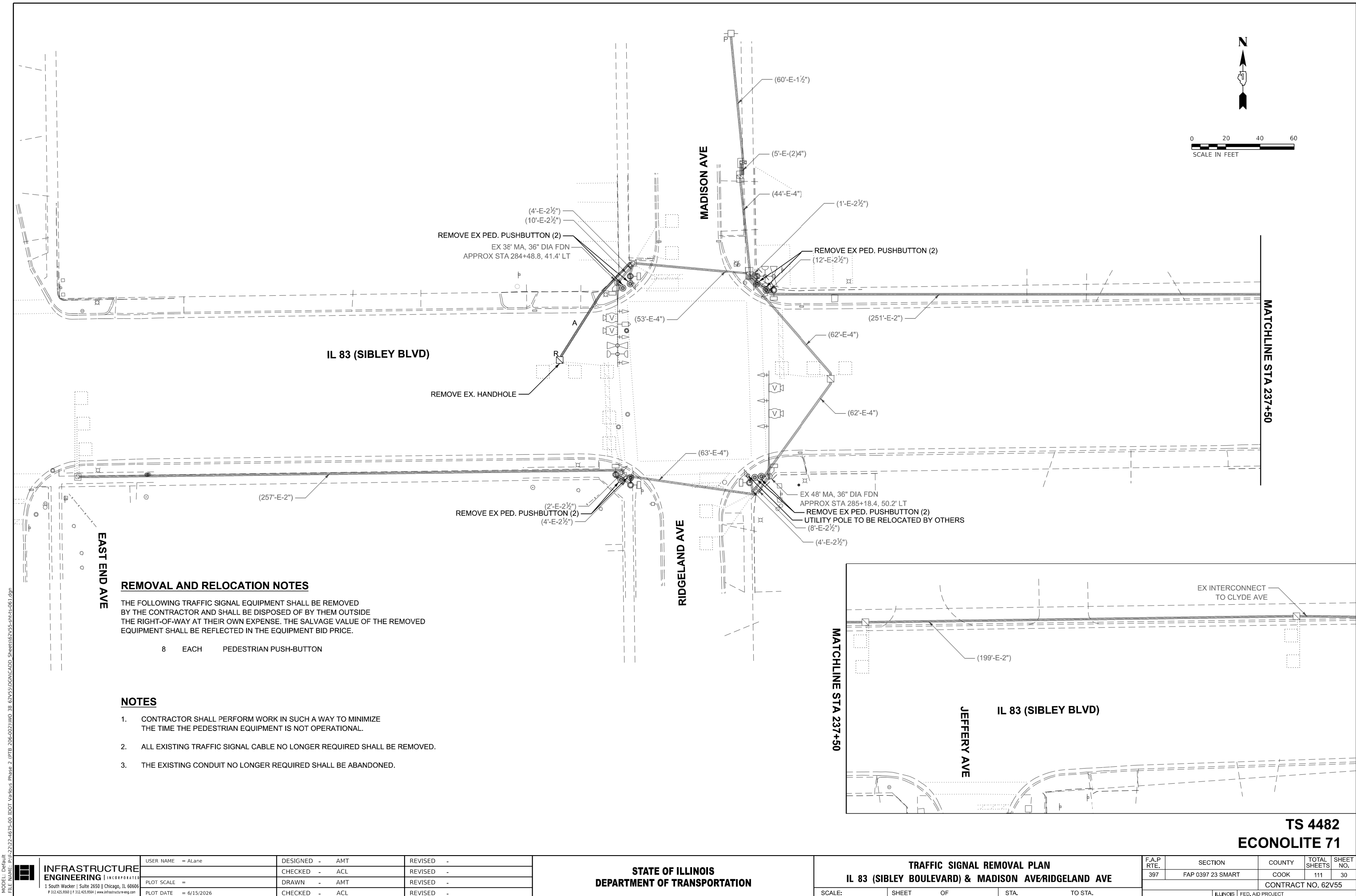
H&H
ELECTRIC COMPANY
RECORD DRAWINGSDate (MM/DD/YYYY) 10-5-18
Signed [Signature]
Print (First Last) Leany Venecia
TS 3475

EAGLE 3J

DESIGNED - DW	REVISED -
DRAWN - XT	REVISED -
CHECKED - JH	REVISED -
DATE - 2/06/2017	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	FAP 0397 23 SMART	COOK	111	29
CONTRACT NO. 62V55				
ILLINOIS FED. AID PROJECT				

MODEL: Default
FILE: IL 60606-23722-4675-00 IDOT Various Phase 2 (RTB 206-002)\WO 38 62V55\IDEN\CADD_Sheets\62V55-sht-061.dgn



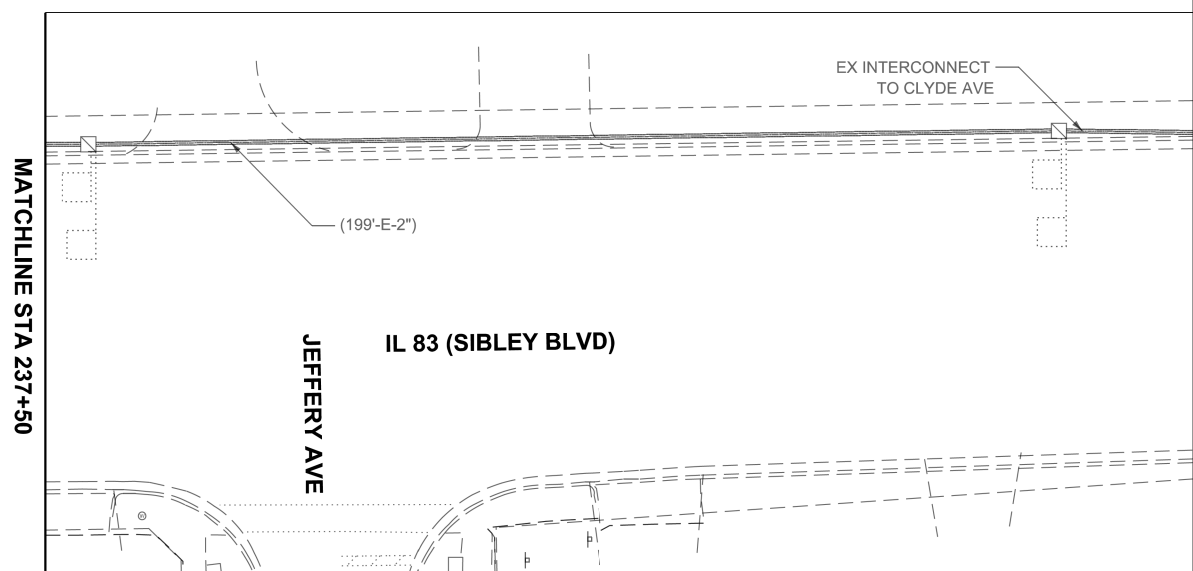
REMOVAL AND RELOCATION NOTES

THE FOLLOWING 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 EQUIPMENT BID PRICE.

8 EACH PEDESTRIAN PUSH-BUTTON

NOTES

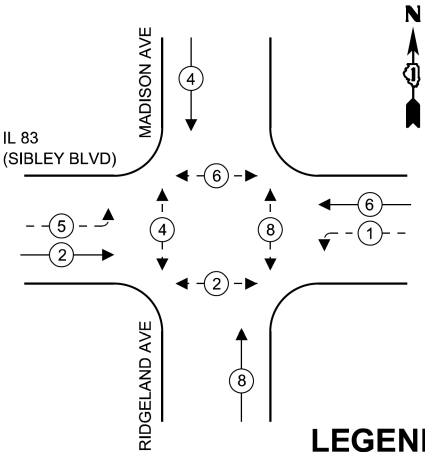
1. CONTRACTOR SHALL PERFORM WORK IN SUCH A WAY TO MINIMIZE THE TIME THE PEDESTRIAN EQUIPMENT IS NOT OPERATIONAL.
2. ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.
3. THE EXISTING CONDUIT NO LONGER REQUIRED SHALL BE ABANDONED.



**TS 4482
ECONOLITE 71**

 INFRASTRUCTURE ENGINEERING INCORPORATED 1 South Wacker Suite 2650 Chicago, IL 60606 P 312.425.9560 F 312.425.9564 www.infrastructure-eng.com	USER NAME = ALane		DESIGNED - AMT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL REMOVAL PLAN IL 83 (SIBLEY BOULEVARD) & MADISON AVE/RIDGELAND AVE			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =		CHECKED - ACL	REVISED -					397	FAP 0397 23 SMART	COOK	111	30
	PLOT DATE = 6/15/2026		DRAWN - AMT	REVISED -		SCALE: SHEET OF STA. TO STA.			CONTRACT NO. 62V55				
			CHECKED - ACL	REVISED -					ILLINOIS FED. AID PROJECT				

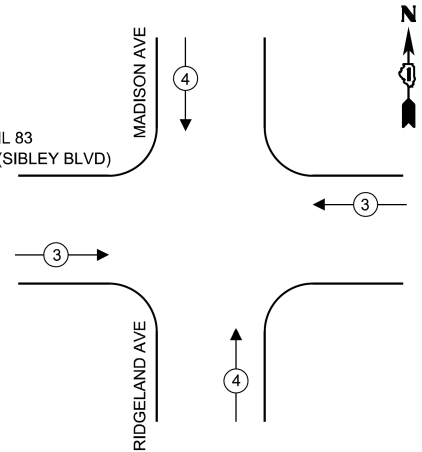
EXISTING AND PROPOSED
CONTROLLER SEQUENCE



LEGEND

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE

EXISTING AND PROPOSED
EMERGENCY VEHICLE
PREMPTION SEQUENCE



SCHEDULE OF QUANTITIES

DESCRIPTION	UNIT	TOTAL
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	79
HEAVY-DUTY HANDHOLE	EACH	1
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1562
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	203
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	10
DRILL EXISTING HANDHOLE	EACH	1
DETECTOR LOOP, TYPE I	FOOT	794
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	1220
REBUILD EXISTING HANDHOLE	EACH	4
REMOVE EXISTING HANDHOLE	EACH	1
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	4
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

TRAFFIC SIGNAL ELECTRICAL
SERVICE REQUIREMENTS

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	8	11	88
4-SECTION	-	14	-
5-SECTION	4	13	52
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL	8	15	120
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION RADAR OR VIDEO	4	20	80
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING			515
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING			1120

ENERGY COSTS TO:
ILLINOIS DEPARTMENT OF TRANSPORTATION

201 WEST CENTER COURT,
SCHAUMBURG, IL 60196

ENERGY SUPPLY:

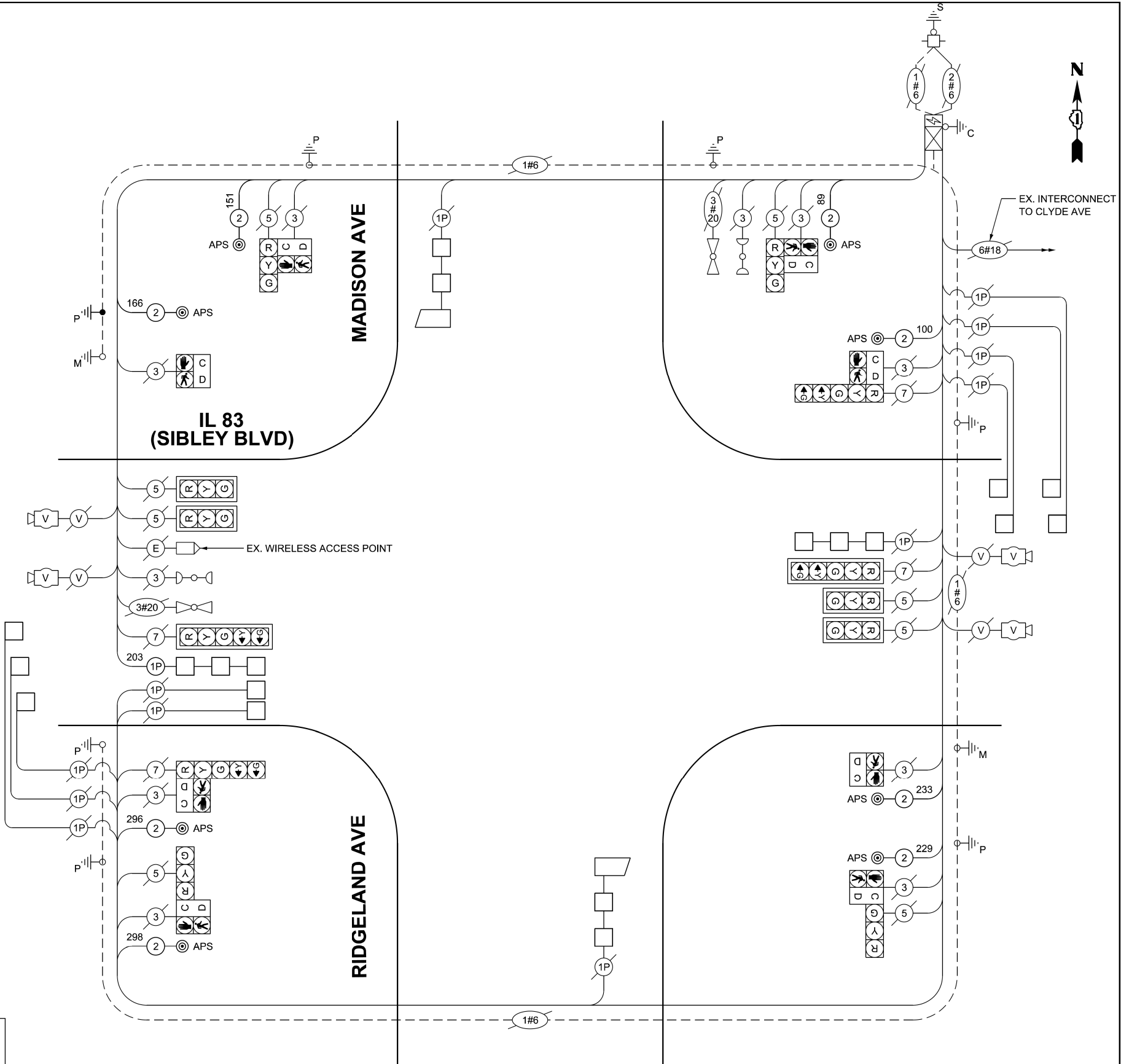
CONTACT: NEW BUSINESS DEPARTMENT

PHONE: (866)639-3532

COMPANY: COMMONWEALTH EDISON

ACCOUNT NUMBER:

METER NUMBER:



CABLE PLAN
(NOT TO SCALE)

TS 4482
ECONOLITE 71

MODEL: Default
FILE: IL 83 (Sibley Blvd) & Ridgeland Ave - Phase 2 (RTB 206-002) IWO 38 62V55.DGN
CADD: Sheets 62V55-INT-003.dgn

INFRASTRUCTURE
ENGINEERING | INCORPORATED
1 South Wacker | Suite 2650 | Chicago, IL 60606
P 312.425.9560 | F 312.425.9564 | www.infrastructure-eng.com

USER NAME = ALane
PLOT SCALE =
PLOT DATE = 6/15/2026

DESIGNED - AMT
CHECKED - ACL
DRAWN - AMT
CHECKED - ACL

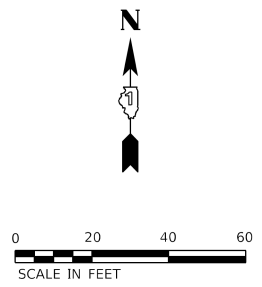
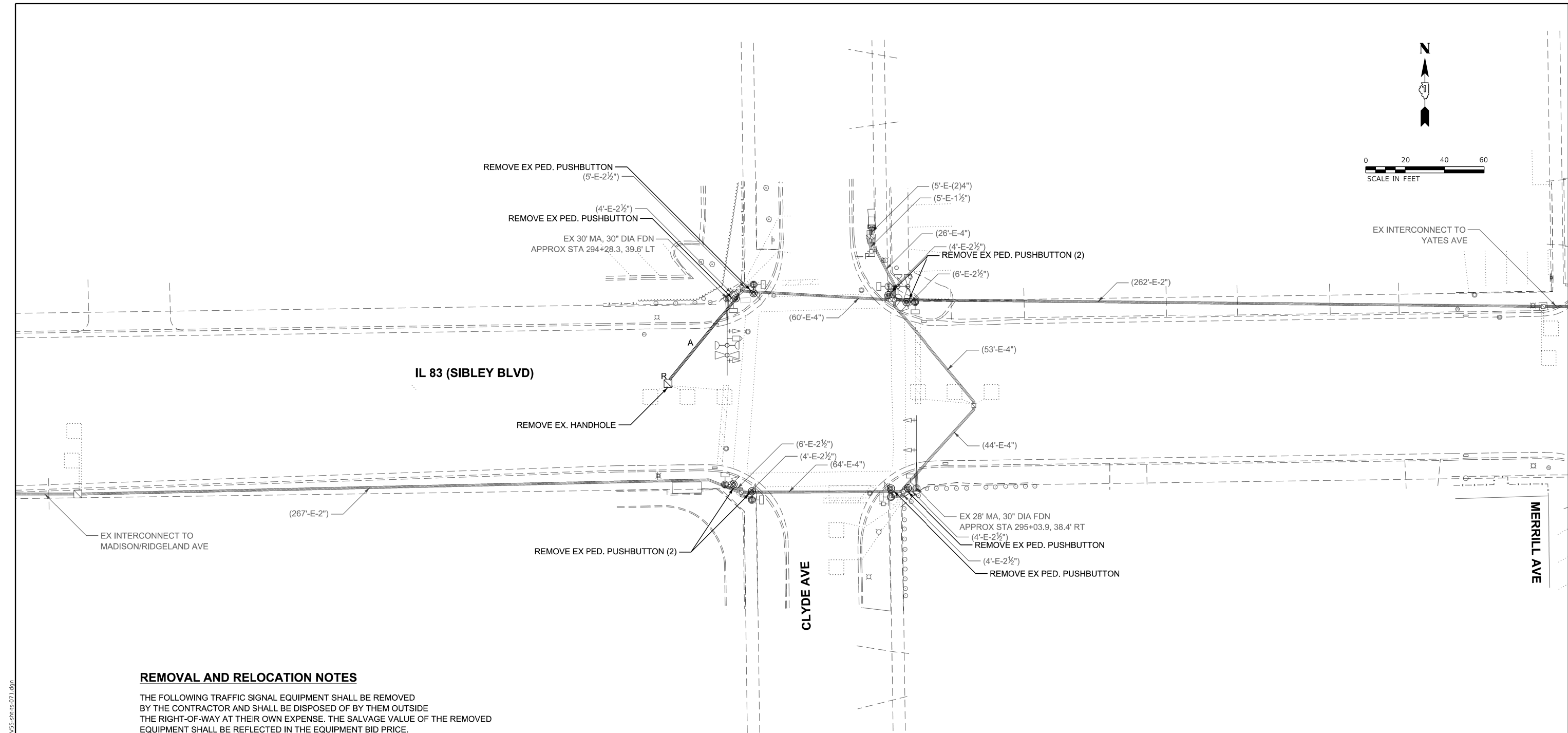
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DIAGRAM, & EMERGENCY VEHICLE PREEMPTION SEQ.
IL 83 (SIBLEY BOULEVARD) & MADISON AVE/RIDGELAND AVE

SCALE: SHEET OF STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	FAP 0397 23 SMART	COOK	111	32
CONTRACT NO. 62V55				
ILLINOIS FED. AID PROJECT				



REMOVAL AND RELOCATION NOTES

THE FOLLOWING 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 EQUIPMENT BID PRICE.

8 EACH PEDESTRIAN PUSH-BUTTON

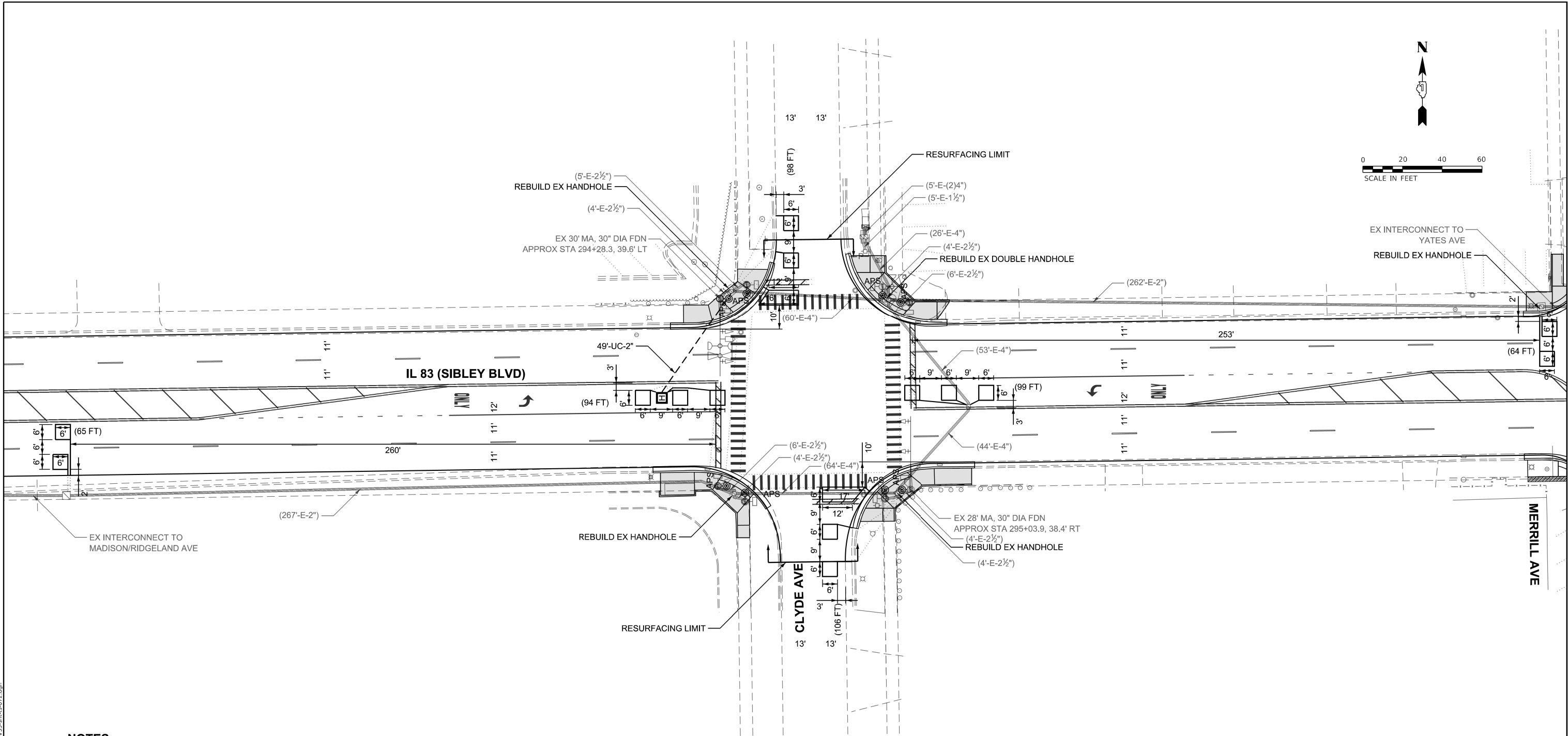
NOTES

1. CONTRACTOR SHALL PERFORM WORK IN SUCH A WAY TO MINIMIZE THE TIME THE PEDESTRIAN EQUIPMENT IS NOT OPERATIONAL.
2. ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.
3. THE EXISTING CONDUIT NO LONGER REQUIRED SHALL BE ABANDONED.

**TS 4480
ECONOLITE 71**

MODEL: Default
FILE: IL 60606-11-22122-4675-00 IDOT Various Phase 2 (PTB 206-002)\WO 38 62V55\IDEN\CADD_Sheets\62V55-sht-tc-071.dgn

 INFRASTRUCTURE ENGINEERING INCORPORATED 1 South Wacker Suite 2650 Chicago, IL 60606 P 312.425.9560 F 312.425.9564 www.infrastructure-eng.com	USER NAME = ALane	DESIGNED - AMT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL REMOVAL PLAN IL 83 (SIBLEY BOULEVARD) & CLYDE AVE			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	CHECKED - ACL	REVISED -					397	FAP 0397 23 SMART	COOK	111	33
	PLOT DATE = 6/15/2026	DRAWN - AMT	REVISED -		SCALE: SHEET OF STA. TO STA.			CONTRACT NO. 62V55				
		CHECKED - ACL	REVISED -					ILLINOIS FED. AID PROJECT				



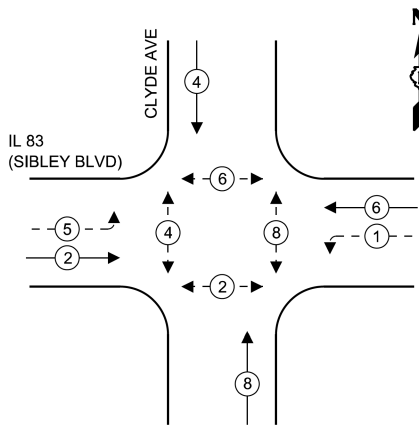
NOTES:

1. CONTRACTOR SHALL CONFIRM THE FINAL LOCATION OF THE APS EQUIPMENT WITH THE TRAFFIC SIGNAL AREA ENGINEER BEFORE INSTALLATION.
2. APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSSWALK.
3. ALL PUSH BUTTONS SHALL BE APS.
4. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.
5. THERE SHALL BE A MINIMUM OF 4' SIDEWALK CLEARANCE NEXT TO TRAFFIC SIGNAL FOUNDATIONS TO BE ADA COMPLIANT.
6. NO PROPOSED PEDESTRIAN POST SHALL EXCEED 10 FT FROM BACK OF CURB.

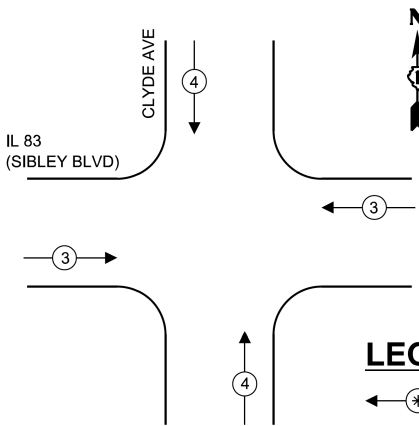
**TS 4480
ECONOLITE 71**

	USER NAME = ALane		DESIGNED - AMT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL MODERNIZATION PLAN IL 83 (SIBLEY BOULEVARD) & CLYDE AVE			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =		CHECKED - ACL	REVISED -					397	FAP 0397 23 SMART	COOK	111	34
	PLOT DATE = 6/15/2026		DRAWN - AMT	REVISED -		SCALE: SHEET OF STA. TO STA.			CONTRACT NO. 62V55				
			CHECKED - ACL	REVISED -					ILLINOIS FED. AID PROJECT				

EXISTING AND PROPOSED
CONTROLLER SEQUENCE



EXISTING AND PROPOSED
EMERGENCY VEHICLE
PREEMPTION SEQUENCE



LEGEND

- ← * → PROTECTED PHASE
- ← - * - → PROTECTED/PERMITTED PHASE
- ← * → PEDESTRIAN PHASE
- ← * → OVERLAP

SCHEDULE OF QUANTITIES

DESCRIPTION	UNIT	TOTAL
HEAVY-DUTY HANDHOLE	EACH	1
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1309
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	181
DETECTOR LOOP, TYPE I	FOOT	533
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	966
REBUILD EXISTING HANDHOLE	EACH	4
REMOVE EXISTING HANDHOLE	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

TRAFFIC SIGNAL ELECTRICAL
SERVICE REQUIREMENTS

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	6	11	66
4-SECTION	-	14	-
5-SECTION	4	13	52
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL	8	15	120
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION RADAR OR VIDEO	-	20	-
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING			413
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING			1018

ENERGY COSTS TO:
ILLINOIS DEPARTMENT OF TRANSPORTATION

201 WEST CENTER COURT,
SCHAUMBURG, IL 60196

ENERGY SUPPLY:

CONTACT: NEW BUSINESS DEPARTMENT

PHONE: (866)639-3532

COMPANY: COMMONWEALTH EDISON

ACCOUNT NUMBER:

METER NUMBER:

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

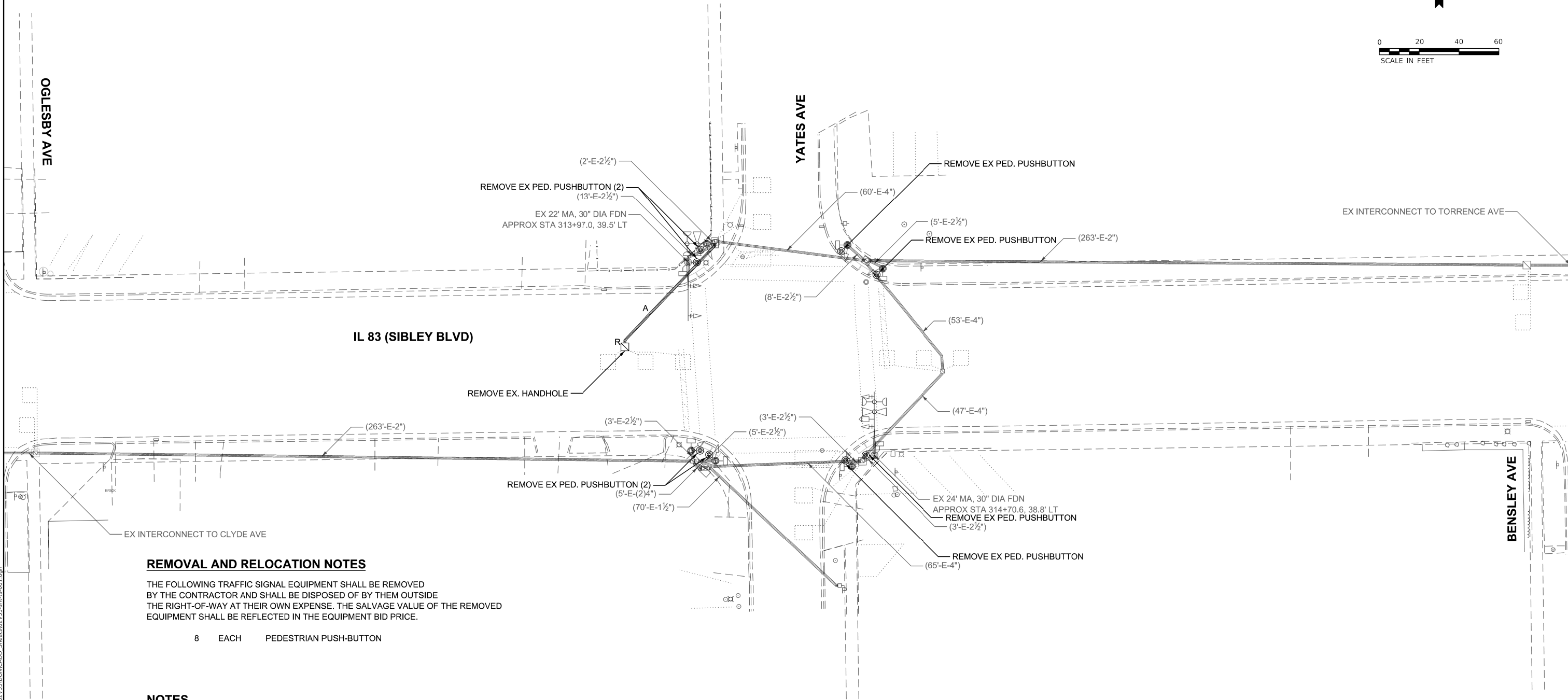
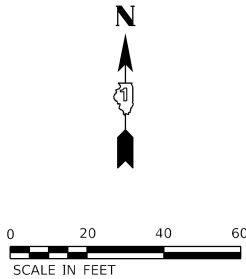
CABLE PLAN, PHASE DIAGRAM, & EMERGENCY VEHICLE PREEMPTION SEQ.
IL 83 (SIBLEY BOULEVARD) & CLYDE AVE

SCALE: SHEET OF STA. TO STA.

TS 4480
ECONOLITE 71

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	FAP 0397 23 SMART	COOK	111	35
CONTRACT NO. 62V55				
ILLINOIS FED. AID PROJECT				

MODEL: Default
FILE: IL 83 & CLYDE.dwg
DATE: 2/23/22
USER: JLD
PROJECT: 2018-0023
SHEET: 62V55-INT-073.dgn



REMOVAL AND RELOCATION NOTES

THE FOLLOWING 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 EQUIPMENT BID PRICE.

8 EACH PEDESTRIAN PUSH-BUTTON

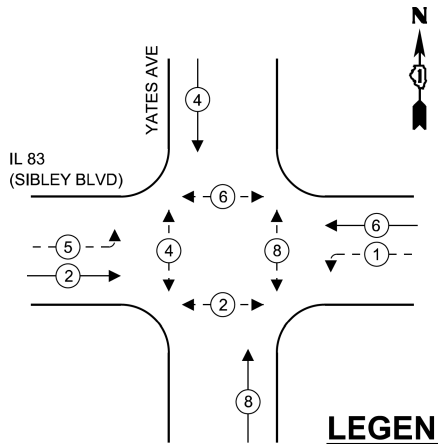
NOTES

- CONTRACTOR SHALL PERFORM WORK IN SUCH A WAY TO MINIMIZE THE TIME THE PEDESTRIAN EQUIPMENT IS NOT OPERATIONAL.
- ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.
- THE EXISTING CONDUIT NO LONGER REQUIRED SHALL BE ABANDONED.

TS 4490
ECONOLITE 71

 INFRASTRUCTURE ENGINEERING INCORPORATED 1 South Wacker Suite 2650 Chicago, IL 60606 P 312.425.9560 F 312.425.9564 www.infrastructure-eng.com	USER NAME = ALane	DESIGNED - AMT	REVISED -	 STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL REMOVAL PLAN IL 83 (SIBLEY BOULEVARD) & YATES AVE			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	CHECKED - ACL	REVISED -					397	FAP 0397 23 SMART	COOK	111	36
	PLOT DATE = 6/15/2026	DRAWN - AMT	REVISED -					CONTRACT NO. 62V55				
		CHECKED - ACL	REVISED -									
	SCALE: SHEET OF STA. TO STA.							ILLINOIS FED. AID PROJECT				

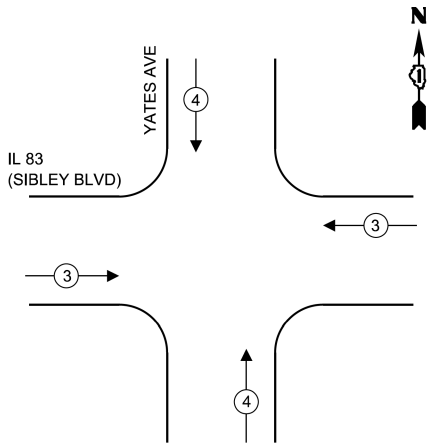
EXISTING AND PROPOSED
CONTROLLER SEQUENCE



LEGEND

- ← (⊛) → PROTECTED PHASE
- ← (⊛) - - PROTECTED/PERMITTED PHASE
- ← (⊛) → PEDESTRIAN PHASE

EXISTING AND PROPOSED
EMERGENCY VEHICLE
PREMPTION SEQUENCE



SCHEDULE OF QUANTITIES

DESCRIPTION	UNIT	TOTAL
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	60
HEAVY-DUTY HANDHOLE	EACH	1
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1297
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	334
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	60
DRILL EXISTING HANDHOLE	EACH	1
DETECTOR LOOP, TYPE I	FOOT	534
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	1046
REBUILD EXISTING HANDHOLE	EACH	4
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	1
REMOVE EXISTING HANDHOLE	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	4
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

TRAFFIC SIGNAL ELECTRICAL
SERVICE REQUIREMENTS

EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	6	11	66
4-SECTION	-	14	-
5-SECTION	4	13	52
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL	8	15	120
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION RADAR OR VIDEO	-	20	-
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING			413
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	-	15	-
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING			1018

ENERGY COSTS TO:
ILLINOIS DEPARTMENT OF TRANSPORTATION

201 WEST CENTER COURT,
SCHAUMBURG, IL 60196

ENERGY SUPPLY:

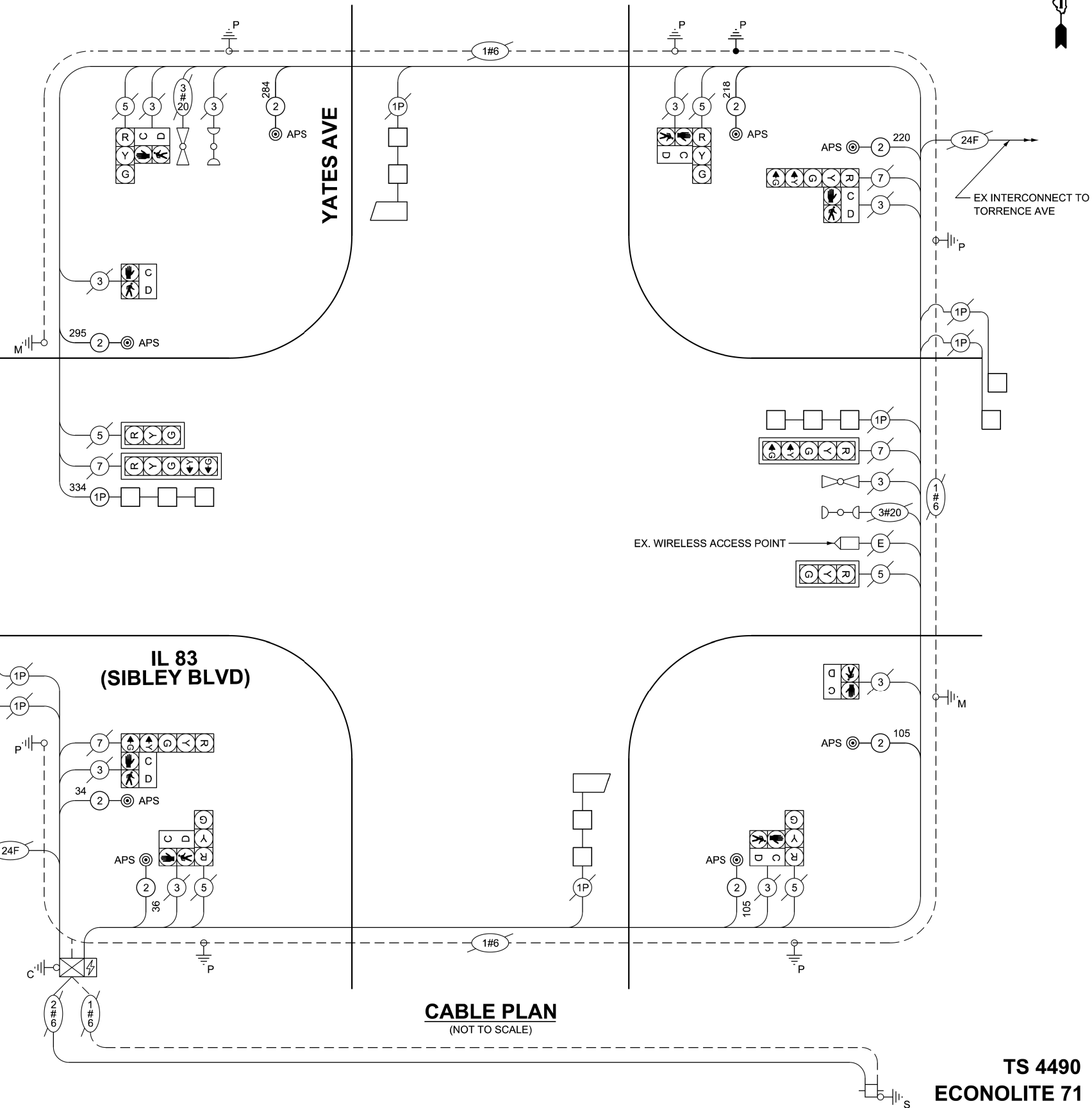
CONTACT: NEW BUSINESS DEPARTMENT

PHONE: (866)639-3532

COMPANY: COMMONWEALTH EDISON

ACCOUNT NUMBER:

METER NUMBER:



TS 4490
ECONOLITE 71

MODEL: Default
FILE: TS4490-IL 83-2232-4675-00 IDOT Various Phase 2 (RTB 206-002) IWO 38 62V55.DGN CADD_Sheets62V55-rtb-003.dgn

**INFRASTRUCTURE
ENGINEERING** | INCORPORATED
1 South Wacker | Suite 2650 | Chicago, IL 60606
P 312.425.9560 | F 312.425.9564 | www.infrastructure-eng.com

USER NAME = ALane
PLOT SCALE =
PLOT DATE = 6/15/2026

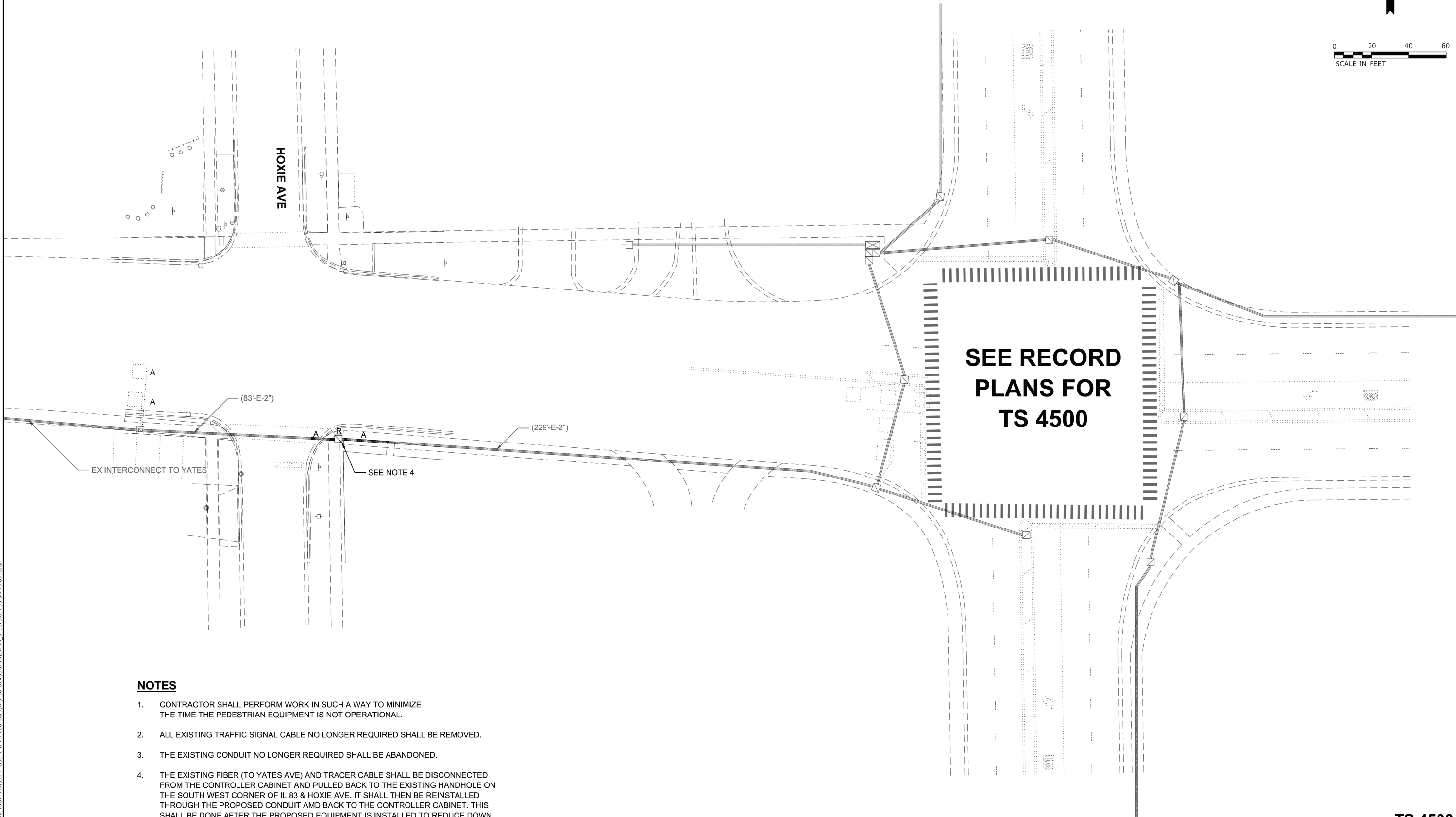
DESIGNED - AMT	REVISED -
CHECKED - ACL	REVISED -
DRAWN - AMT	REVISED -
CHECKED - ACL	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CABLE PLAN, PHASE DIAGRAM, & EMERGENCY VEHICLE PREEMPTION SEQ.
IL 83 (SIBLEY BOULEVARD) & YATES AVE

SCALE: SHEET OF STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	FAP 0397 23 SMART	COOK	111	38
CONTRACT NO. 62V55				
ILLINOIS FED. AID PROJECT				

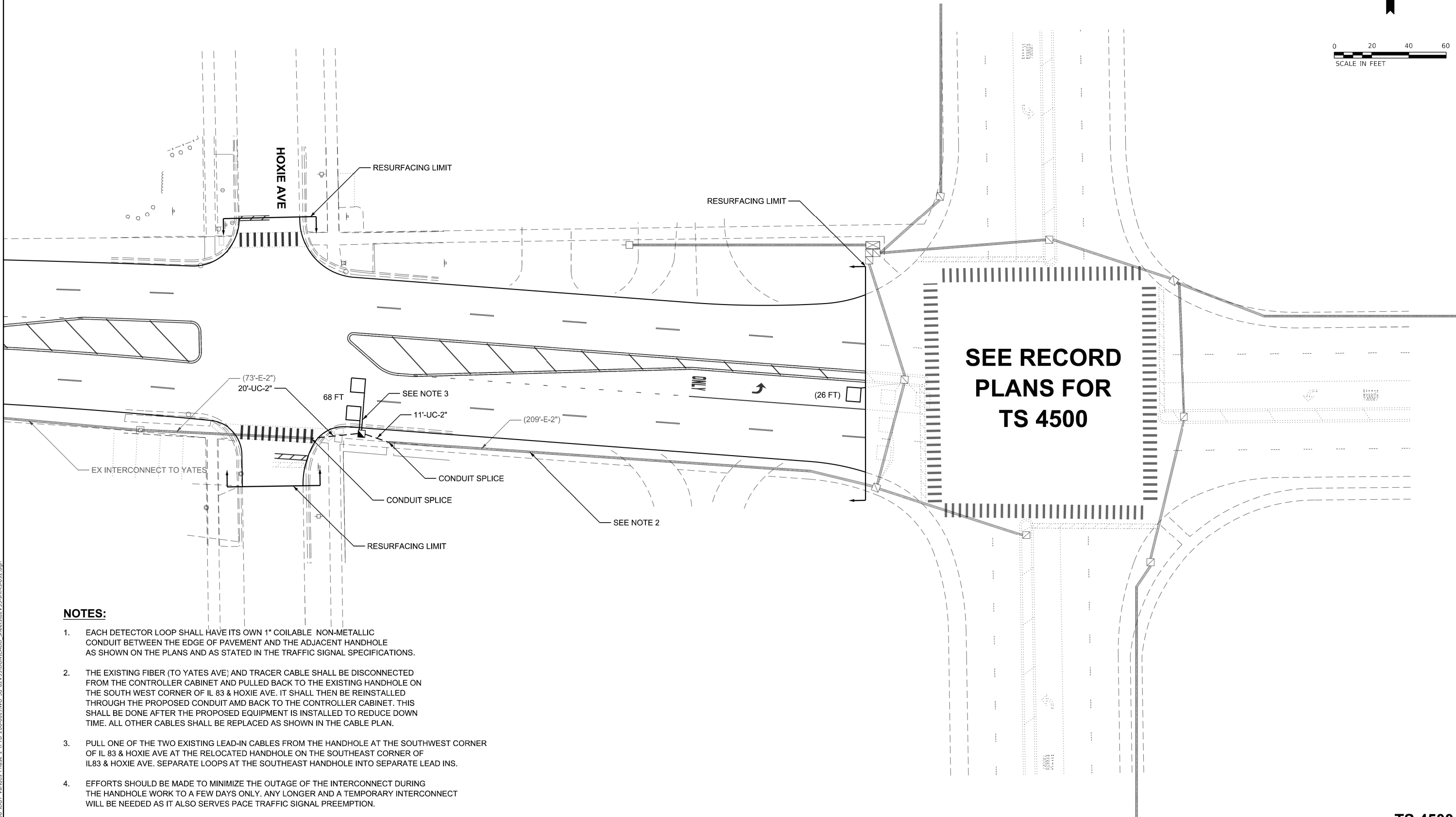


NOTES

1. CONTRACTOR SHALL PERFORM WORK IN SUCH A WAY TO MINIMIZE THE TIME THE PEDESTRIAN EQUIPMENT IS NOT OPERATIONAL.
2. ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.
3. THE EXISTING CONDUIT NO LONGER REQUIRED SHALL BE ABANDONED.
4. THE EXISTING FIBER (TO YATES AVE) AND TRACER CABLE SHALL BE DISCONNECTED FROM THE CONTROLLER CABINET AND PULLED BACK TO THE EXISTING HANDHOLE ON THE SOUTH WEST CORNER OF IL 83 & HOXIE AVE. IT SHALL THEN BE REINSTALLED THROUGH THE PROPOSED CONDUIT AMD BACK TO THE CONTROLLER CABINET. THIS SHALL BE DONE AFTER THE PROPOSED EQUIPMENT IS INSTALLED TO REDUCE DOWN TIME. ALL OTHER CABLES SHALL BE REPLACED AS SHOWN IN THE CABLE PLAN.

TS 4500
ECONOLITE 71

 INFRASTRUCTURE ENGINEERING INCORPORATED 1 South Wacker Suite 2650 Chicago, IL 60606 P 312.425.9560 F 312.425.9564 www.infrastructure-eng.com	USER NAME = ALane	DESIGNED - AMT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL REMOVAL PLAN IL 83 (SIBLEY BOULEVARD) & IL 83 (TORRENCE AVE)				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =	CHECKED - ACL	REVISED -		397	FAP 0397 23 SMART	COOK	111	39				
	PLOT DATE = 6/15/2026	CHECKED - ACL	REVISED -		CONTRACT NO. 62V55								
		CHECKED - ACL	REVISED -		SCALE:	SHEET	OF	STA.	TO STA.	ILLINOIS FED. AID PROJECT			



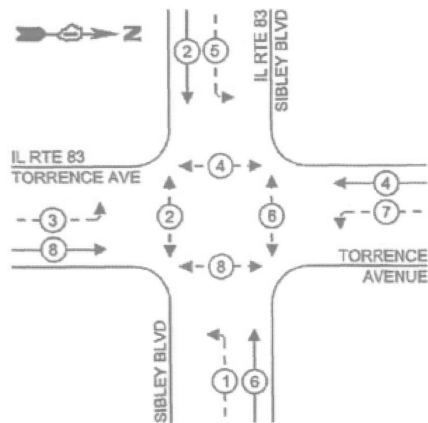
NOTES:

1. EACH DETECTOR LOOP SHALL HAVE ITS OWN 1" COILABLE NON-METALLIC CONDUIT BETWEEN THE EDGE OF PAVEMENT AND THE ADJACENT HANDHOLE AS SHOWN ON THE PLANS AND AS STATED IN THE TRAFFIC SIGNAL SPECIFICATIONS.
2. THE EXISTING FIBER (TO YATES AVE) AND TRACER CABLE SHALL BE DISCONNECTED FROM THE CONTROLLER CABINET AND PULLED BACK TO THE EXISTING HANDHOLE ON THE SOUTH WEST CORNER OF IL 83 & HOXIE AVE. IT SHALL THEN BE REINSTALLED THROUGH THE PROPOSED CONDUIT AND BACK TO THE CONTROLLER CABINET. THIS SHALL BE DONE AFTER THE PROPOSED EQUIPMENT IS INSTALLED TO REDUCE DOWN TIME. ALL OTHER CABLES SHALL BE REPLACED AS SHOWN IN THE CABLE PLAN.
3. PULL ONE OF THE TWO EXISTING LEAD-IN CABLES FROM THE HANDHOLE AT THE SOUTHWEST CORNER OF IL 83 & HOXIE AVE AT THE RELOCATED HANDHOLE ON THE SOUTHEAST CORNER OF IL83 & HOXIE AVE. SEPARATE LOOPS AT THE SOUTHEAST HANDHOLE INTO SEPARATE LEAD INS.
4. EFFORTS SHOULD BE MADE TO MINIMIZE THE OUTAGE OF THE INTERCONNECT DURING THE HANDHOLE WORK TO A FEW DAYS ONLY. ANY LONGER AND A TEMPORARY INTERCONNECT WILL BE NEEDED AS IT ALSO SERVES PACE TRAFFIC SIGNAL PREEMPTION.

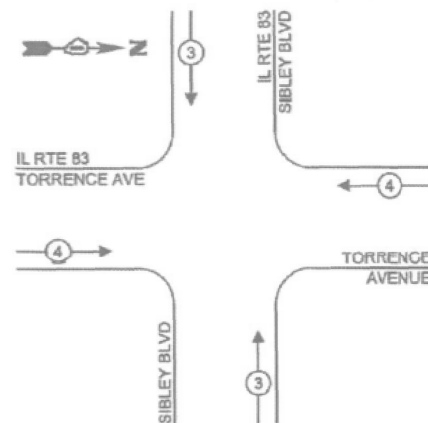
TS 4500
ECONOLITE 71

 INFRASTRUCTURE ENGINEERING INCORPORATED 1 South Wacker Suite 2650 Chicago, IL 60606 P 312.425.9560 F 312.425.9564 www.infrastructure-eng.com	USER NAME = ALane		DESIGNED - AMT	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC SIGNAL MODERNIZATION PLAN IL 83 (SIBLEY BOULEVARD) & IL 83 (TORRENCE AVE)			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE =		CHECKED - ACL	REVISED -					397	FAP 0397 23 SMART	COOK	111	40
	PLOT DATE = 6/15/2026		DRAWN - AMT	REVISED -		SCALE: SHEET OF STA. TO STA.			CONTRACT NO. 62V55				
			CHECKED - ACL	REVISED -					ILLINOIS FED. AID PROJECT				

PROPOSED CONTROLLER SEQUENCE



PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



LEGEND:

- ← * → PROTECTED PHASE
- ← * - - PROTECTED/PERMITTED PHASE
- ← * → PEDESTRIAN PHASE
- ← OL → OVERLAP

SCHEDULE OF QUANTITIES

DESCRIPTION	UNIT	TOTAL
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	31
HANDHOLE	EACH	1
DETECTOR LOOP, TYPE I	FOOT	94
REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	434
REMOVE EXISTING HANDHOLE	EACH	1

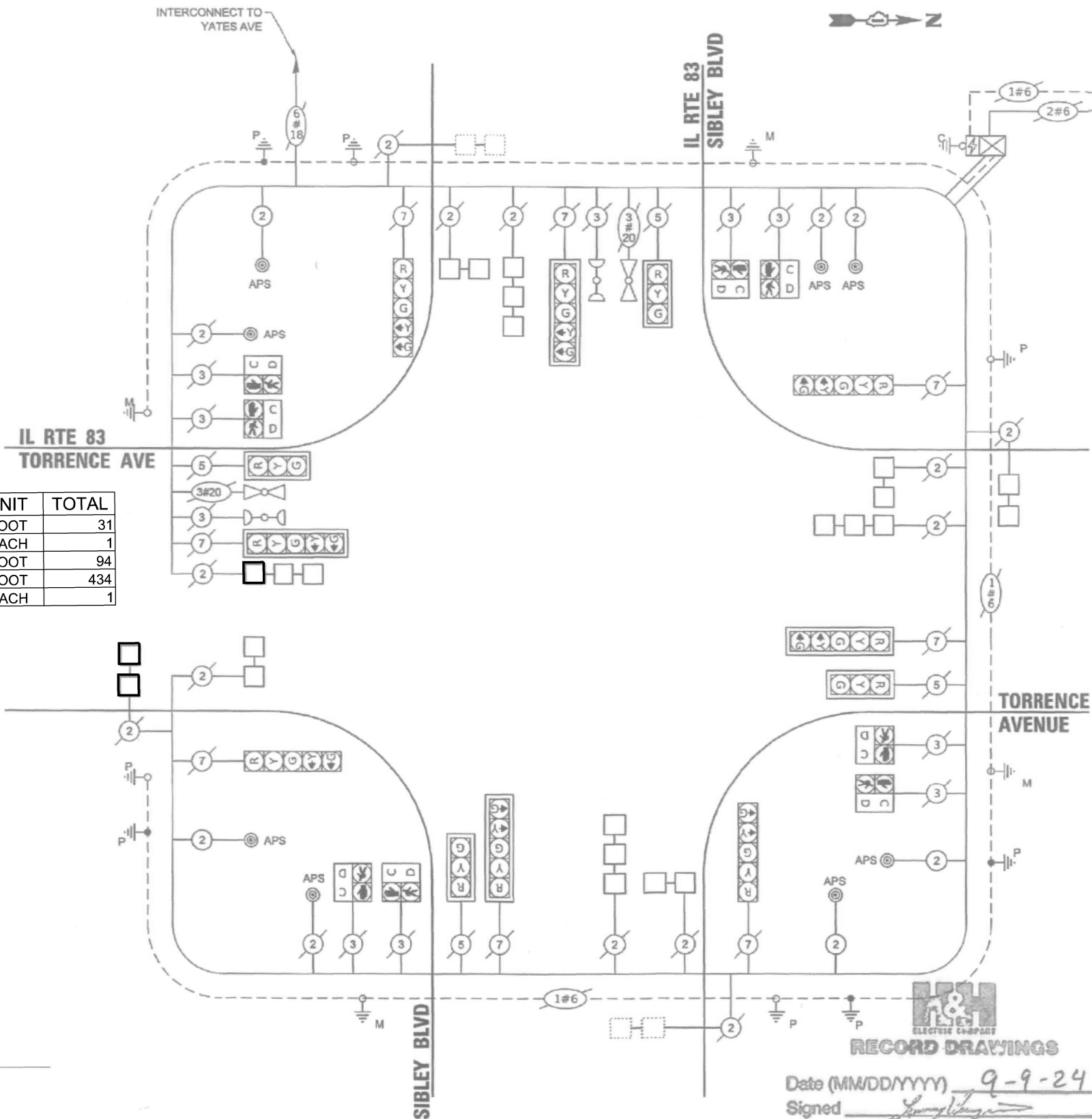
TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	TOTAL WATTAGE
SIGNAL HEAD			
3 - SECTION	4	11	44
4 - SECTION	0	14	0
5 - SECTION	8	13	104
PROGRAMMABLE SIGNALS			
3 - SECTION	0	22	0
4 - SECTION	0	32	0
5 - SECTION	0	28	0
PED. SIGNAL	8	15	120
CONTROLLER	1	150	150
MASTER CONTROLLER	0	100	0
UPS	1	25	25
DETECTION RADAR	-	20	-
VIDEO	-	20	-
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING =			443
UPS CHARGING	1	225	225
BATTERY HEATER MAT	1	180	180
CABINET HEATER	1	200	200
FLASHER	1	15	15
LED STREET NAME SIGN	-	120	-
LUMINAIRE	-	240	-
TOTAL SERVICE WIRE SIZING =			1063

ENERGY COSTS TO:
CALUMET CITY
204 PULASKI ROAD
CALUMET CITY, IL 60409

ENERGY SUPPLY:

CONTACT: NEW BUSINESS DEPT
PHONE: 866-638-3532
COMPANY: COMED
ACCOUNT NUMBER: 07730-19122



CABLE PLAN (NOT TO SCALE)

Date (MM/DD/YYYY) 9-9-24
Signed [Signature]
Print (First Last) Lenny Veneziano



TS SHT NO. 30

Sam Schwartz
200 S. WACKER
SUITE 1000
CHICAGO, IL 60606
TEL: (773) 305-0800

USER NAME: erica.sallutz
DESIGNED: ERICA SALLUTZ
DRAWN: KATHLEEN MURPHY
CHECKED: PETER WOJKIEWICZ
PLOT SCALE: 1/4" = 40.0000' / 1" / 1" / 1"
PLOT DATE: 10/20/2023

REVISD: -
REVISD: -
REVISD: -
REVISD: -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

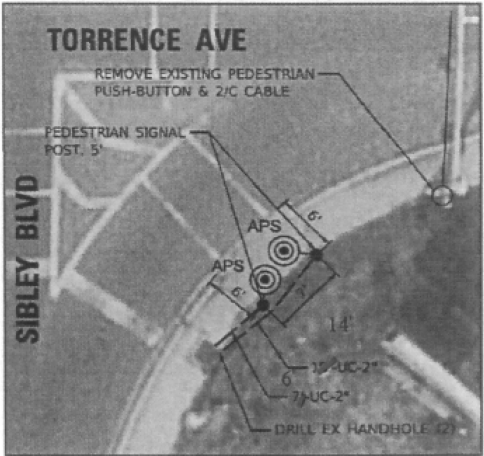
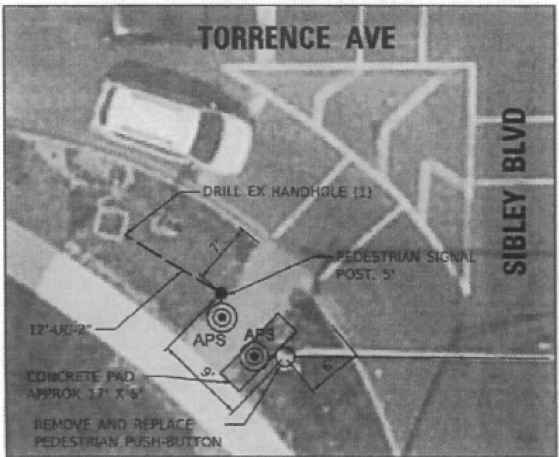
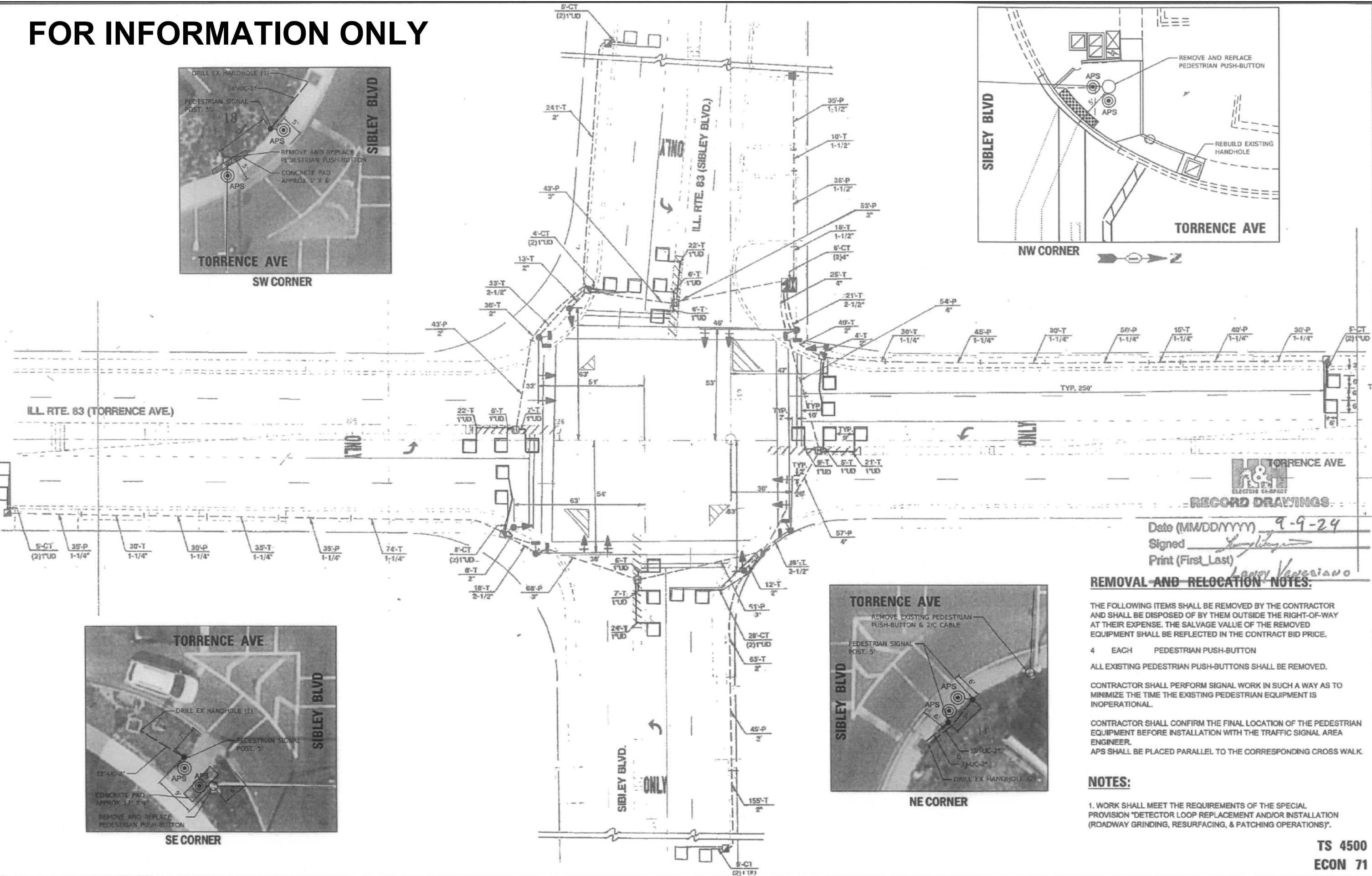
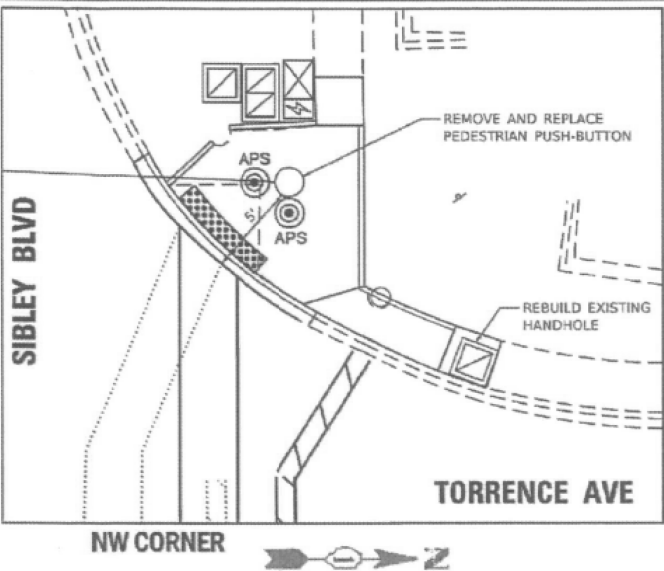
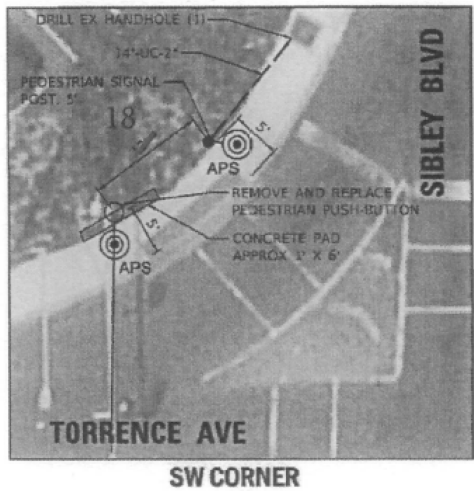
CABLE PLAN, PHASE DIAGRAM & EMERGENCY VEHICLE PREEMPTION SEQ.
IL 83 (SIBLEY BOULEVARD) & IL 83 (TORRENCE AVE)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	FAP 0397 23 SMART	COOK	111	41
CONTRACT NO. 62V55				
ILLINOIS FED. AID PROJECT				

TS 4500
ECON 71

FOR INFORMATION ONLY



Date (MM/DD/YYYY) 9-9-24
Signed [Signature]
Print (First Last) Larry Verciano

REMOVAL AND RELOCATION NOTES:

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

4 EACH PEDESTRIAN PUSH-BUTTON

ALL EXISTING PEDESTRIAN PUSH-BUTTONS SHALL BE REMOVED.

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

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

APS SHALL BE PLACED PARALLEL TO THE CORRESPONDING CROSS WALK.

NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING, & PATCHING OPERATIONS)".

TS SHT NO. 29

Sam Schwartz
200 S. WACKER
SUITE 1400
CHICAGO, IL 60606
TEL: (773) 305-0800

USER NAME = erica.salutz	DESIGNED - ERICA SALUTZ	REVISED -
	DRAWN - KATHLEEN MURPHY	REVISED -
PLOT SCALE = 40,000' = 1"	CHECKED - PETER WOJTKIEWICZ	REVISED -
PLOT DATE = 10/20/2023	DATE = 10/19/2023	REVISED -

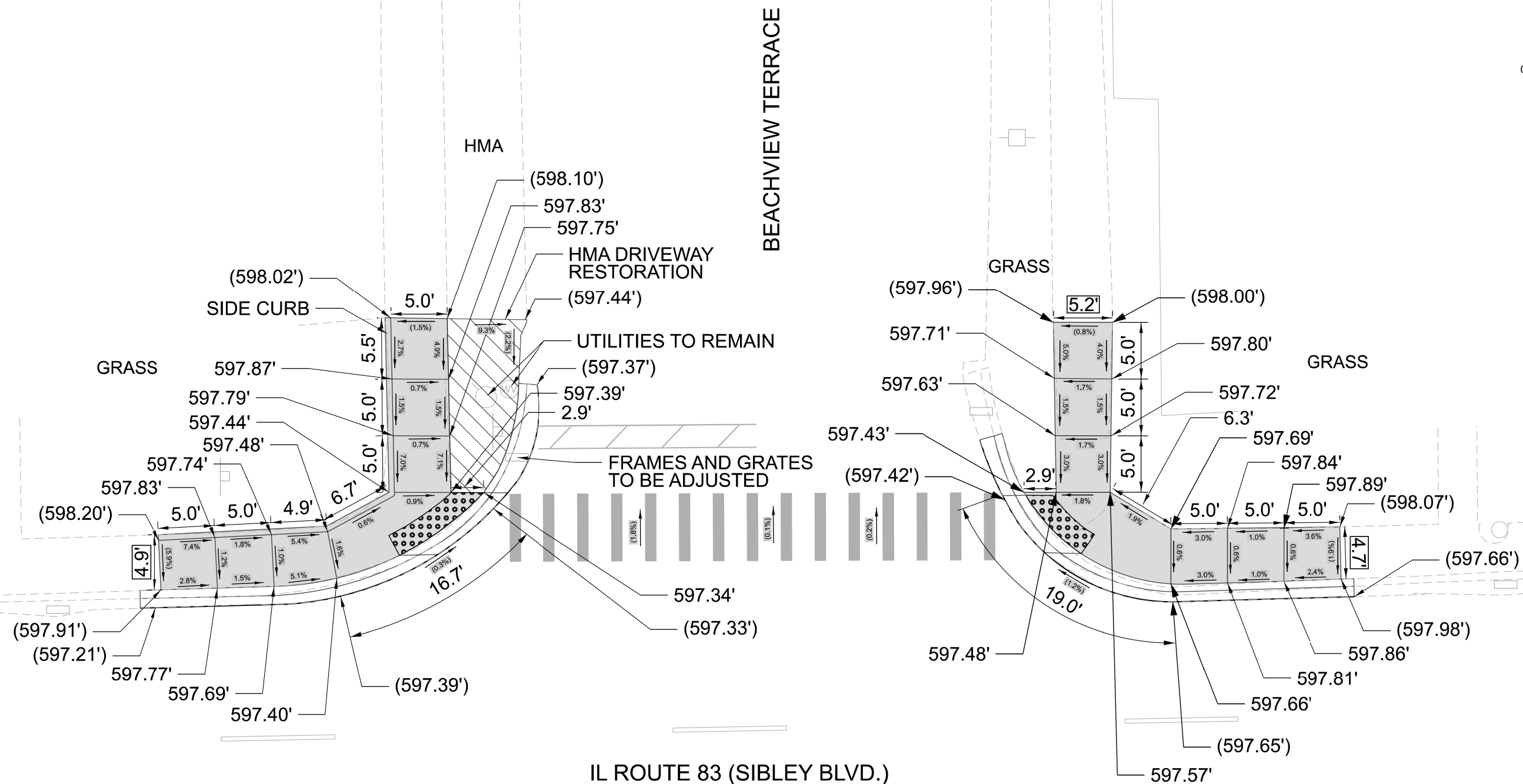
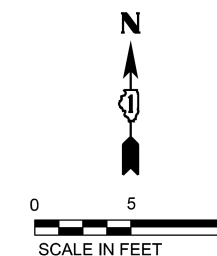
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL RECORD DRAWING
IL 83 (SIBLEY BOULEVARD) & IL 83 (TORRENCE AVE)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	FAP 0397 23 SMART	COOK	111	42
CONTRACT NO. 62V55				
ILLINOIS FED. AID PROJECT				

TS 4500
ECON 71

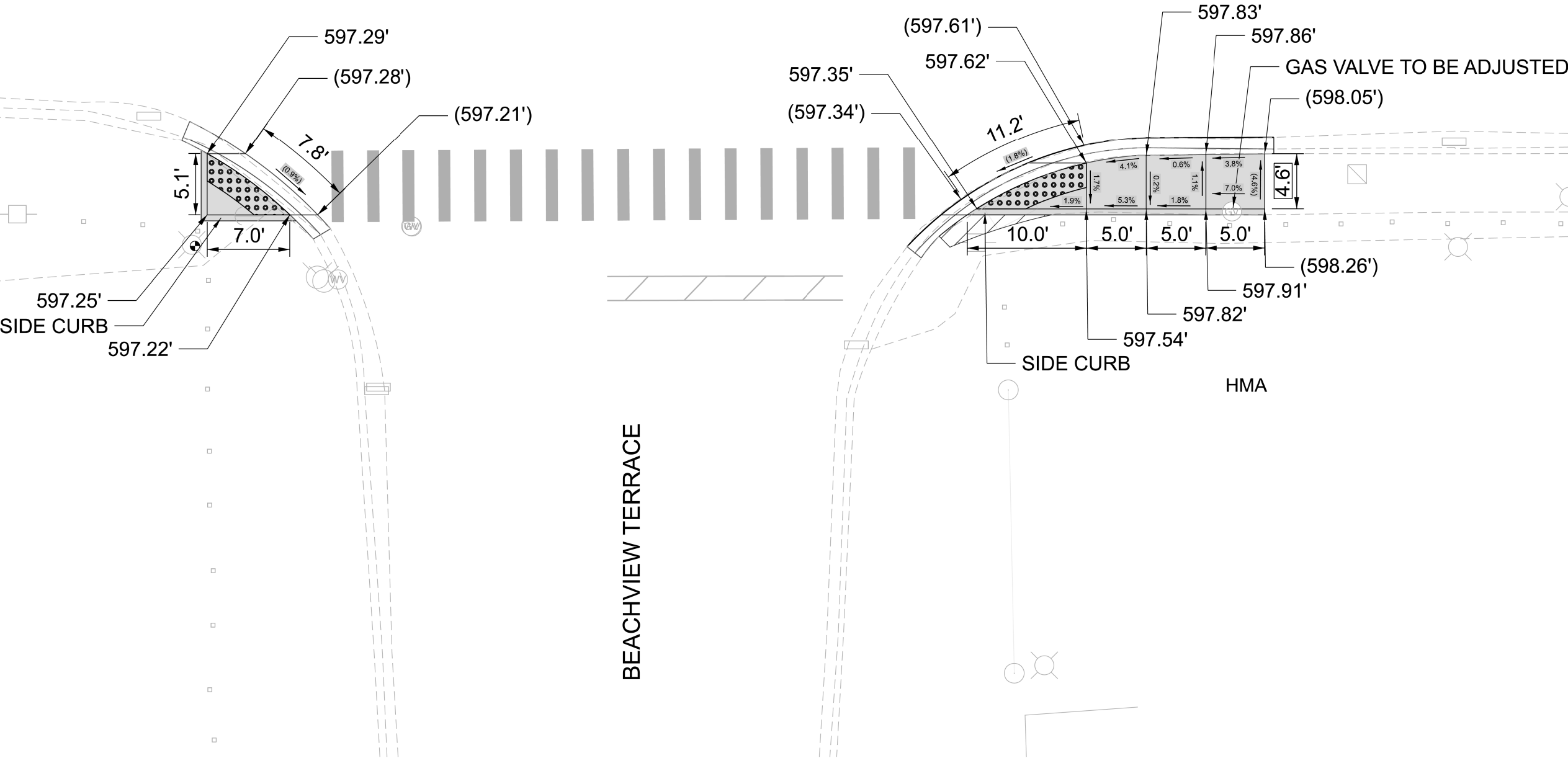
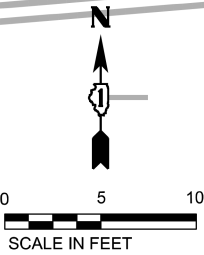


LEGEND		
	HMA DRIVEWAY RESTORATION (SEE NOTE 1)	 SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
	PROPOSED DETECTABLE WARNING	 BENCHMARK
	CLASS D PATCHES	() EXISTING ELEVATION/SLOPE
	PROPOSED PCC SIDEWALK	XX.X' EXISTING LENGTH

REFERENCE BENCHMARK #23187 ELEV. 599.68'
LOCATION: SW AND SW CORNER OF IL ROUTE 83 AND
BEACHVIEW TERRACE
BENCHMARK: CUT SQUARE EAST FACE OF FIRE HYDRANT

OSEH inc. 401 S CARLTON AVE SUITE 203 WILMINGTON, IL 60481 WWW.OSEHINC.COM	USER NAME = CCheong	DESIGNED - AD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 83 (SIBLEY BLVD.) & BEACHVIEW TERRACE ADA CORNER DESIGN				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - ML	REVISED -						397	FAP 0397 23 SMART	COOK	111	43
	PLOT SCALE = 10.002' / in.	CHECKED - MM	REVISED -		CONTRACT NO. 62V/55								
	PLOT DATE = 4/21/2026	DATE = 4/13/2026	REVISED -										
						SCALE: 1" = 5'	SHEET 1	OF 48 SHEETS	STA.	TO STA.			

IL ROUTE 83 (SIBLEY BLVD.)



LEGEND

- | | | | |
|--|-----------------------------|--|--|
| | HMA DRIVEWAY RESTORATION | | SIDEWALK REMOVAL
REPLACE WITH TOPSOIL & SOD |
| | PROPOSED DETECTABLE WARNING | | BENCHMARK |
| | CLASS D PATCHES | | EXISTING ELEVATION/SLOPE |
| | PROPOSED PCC SIDEWALK | | EXISTING LENGTH |

REFERENCE BENCHMARK #23187 ELEV. 599.68'
LOCATION: SW AND SW CORNER OF IL ROUTE 83 AND
BEACHVIEW TERRACE
BENCHMARK: CUT SQUARE EAST FACE OF FIRE HYDRANT

OSEH inc.
401 S. CARLTON AVE
SUITE 200
WILSON, IL 60187
WWW.OSEHINC.COM

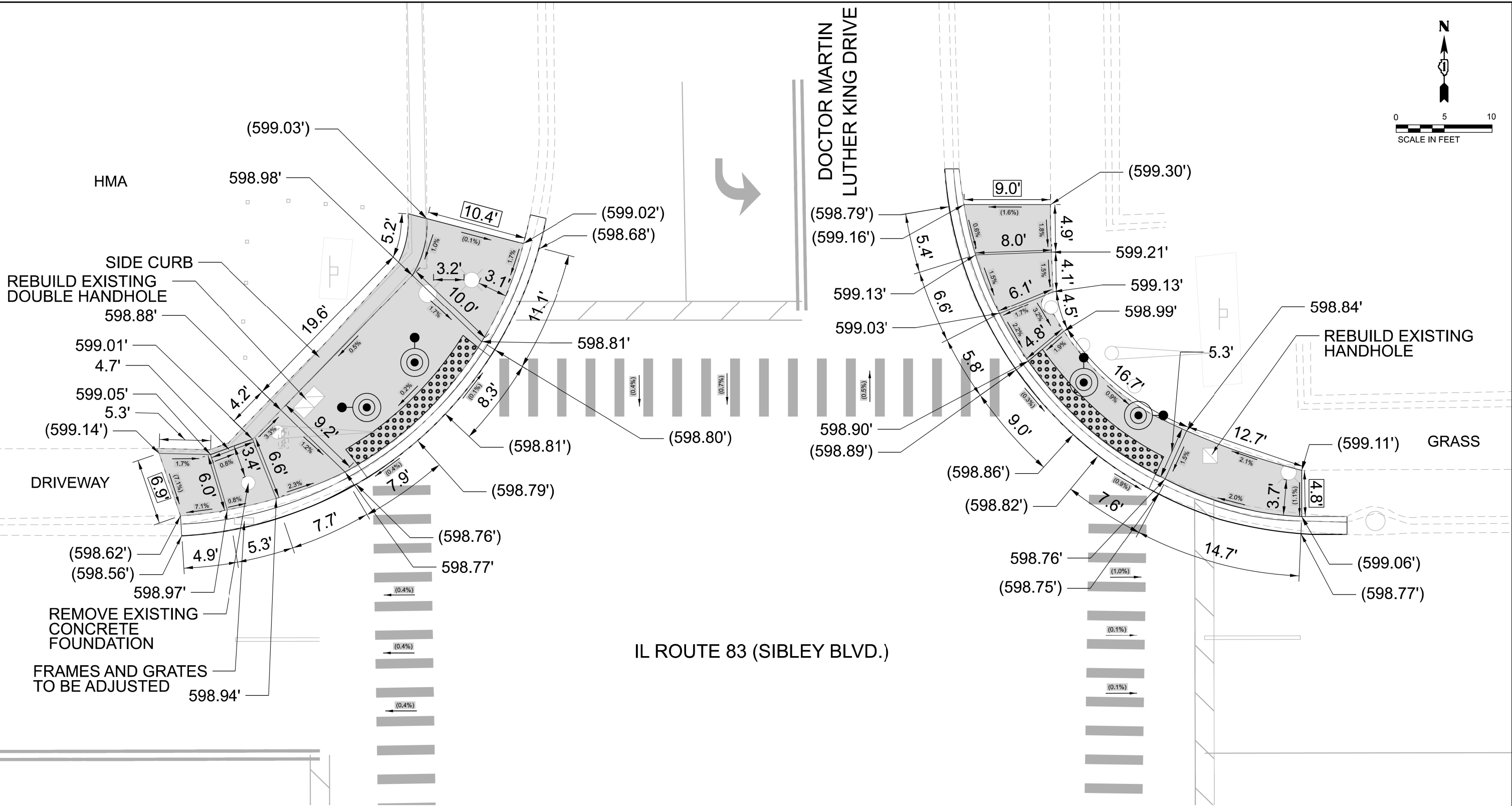
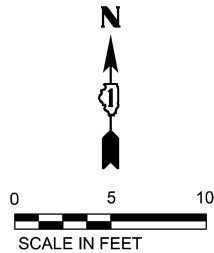
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	DRAWN - ML	REVISED -
PLOT SCALE = 10.002' / in.	CHECKED - MM	REVISED -
PLOT DATE = 4/21/2026	DATE - 06/06/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 83 (SIBLEY BLVD.) & BEACHVIEW TERRACE
ADA CORNER DESIGN

SCALE: 1" = 5' SHEET 2 OF 48 SHEETS STA. TO STA.

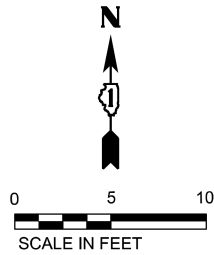
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	FAP 0397 23 SMART	COOK	111	44
CONTRACT NO. 62V55				
ILLINOIS FED. AID PROJECT				



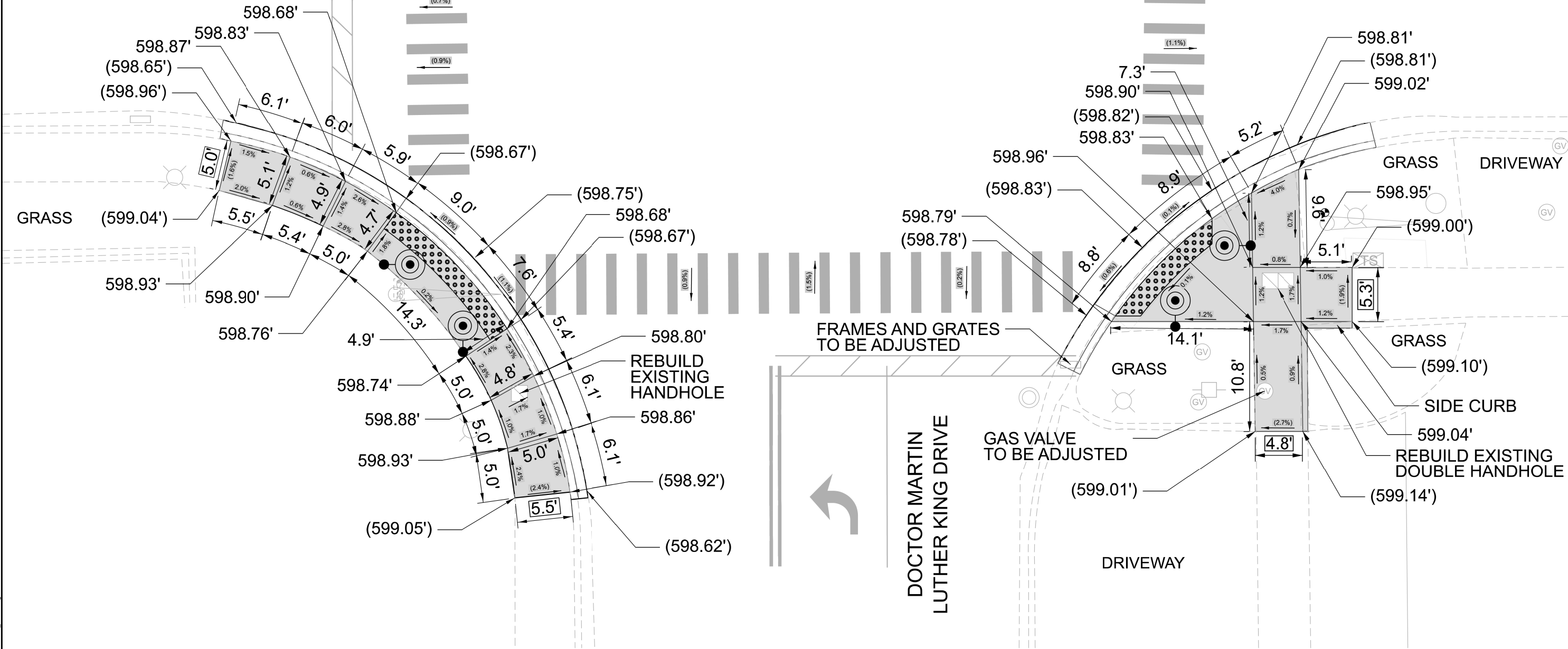
LEGEND			
	HMA DRIVEWAY RESTORATION		SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
	PROPOSED DETECTABLE WARNING		BENCHMARK
	CLASS D PATCHES		EXISTING ELEVATION/SLOPE
	PROPOSED PCC SIDEWALK		EXISTING LENGTH

REFERENCE BENCHMARK #22000 ELEV. 599.43'
LOCATION: SE AND SE CORNER OF IL ROUTE 83 AND
DOCTOR MARTIN LUTHER KING DRIVE
BENCHMARK: CUT SQUARE ON LP BASE

OSEH inc. 401 S. CARLTON AVE SUITE 201 WILSON, IL 60187 WWW.OSEHINC.COM	USER NAME = CCheng		DESIGNED - AD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 83 (SIBLEY BLVD.) & DOCTOR MARTIN LUTHER KING DRIVE ADA CORNER DESIGN				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN - ML		REVISIED -							397	FAP 0397 23 SMART	COOK	111	45
	PLOT SCALE = 10.002' / in.		CHECKED - MM	REVISED -						CONTRACT NO. 62V55				
	PLOT DATE = 4/21/2026		DATE - 06/06/2025	REVISED -		SCALE: 1" = 5'	SHEET 3	OF 48 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			



IL ROUTE 83 (SIBLEY BLVD.)



LEGEND

	HMA DRIVEWAY RESTORATION		SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
	PROPOSED DETECTABLE WARNING		BENCHMARK
	CLASS D PATCHES		EXISTING ELEVATION/SLOPE
	PROPOSED PCC SIDEWALK		EXISTING LENGTH

REFERENCE BENCHMARK #22000 ELEV. 599.43'
LOCATION: SE AND SE CORNER OF IL ROUTE 83 AND
DOCTOR MARTIN LUTHER KING DRIVE
BENCHMARK: CUT SQUARE ON LP BASE

OSEH inc.
401 S. CARLTON AVE
SUITE 200
WILSON, IL 60157
WWW.OSEHINC.COM

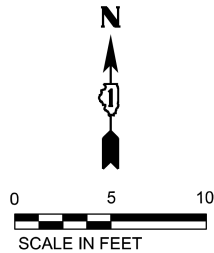
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DRAWN - ML	REVISED -	
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PLOT DATE = 4/21/2026	DATE - 06/06/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 83 (SIBLEY BLVD.) & MARTIN LUTHER KING DRIVE
ADA CORNER DESIGN

SCALE: 1" = 5' SHEET 4 OF 48 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	FAP 0397 23 SMART	COOK	111	46
CONTRACT NO. 62V55				
ILLINOIS FED. AID PROJECT				



CORNER TO BE DESIGNED WITH
STANDARD PD-04B
(PROJECT DETAIL FOR SINGLE
PERPENDICULAR CURB RAMPS)

CORNER TO BE DESIGNED WITH
STANDARD PD-04A
(PROJECT DETAIL FOR SINGLE
PERPENDICULAR CURB RAMPS)

IL ROUTE 83 (SIBLEY BLVD.)

GRANT STREET

WATER VALVE
TO BE ADJUSTED

FRAMES AND GRATES
TO BE ADJUSTED

LEGEND

- HMA DRIVEWAY RESTORATION
- PROPOSED DETECTABLE WARNING
- CLASS D PATCHES
- PROPOSED PCC SIDEWALK
- SIDEWALK REMOVAL
REPLACE WITH TOPSOIL & SOD
- BENCHMARK
- EXISTING ELEVATION/SLOPE
- EXISTING LENGTH

REFERENCE BENCHMARK#21000 ELEV. 598.18'
LOCATION: NW AND NW CORNER OF IL ROUTE 83 AND
GRANT STREET
BENCHMARK: CUT SQUARE ON LP BASE

OSEH inc.

USER NAME = CCheng	DESIGNED - AD	REVISED -
	DRAWN - ML	REVISED -
PLOT SCALE = 10.002" / in.	CHECKED - MM	REVISED -
PLOT DATE = 4/21/2026	DATE - 06/06/2025	REVISED -

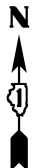
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 83 (SIBLEY BLVD.) & GRANT STREET
ADA CORNER DESIGN

SCALE: 1" = 5' SHEET 5 OF 48 SHEETS STA. TO STA.

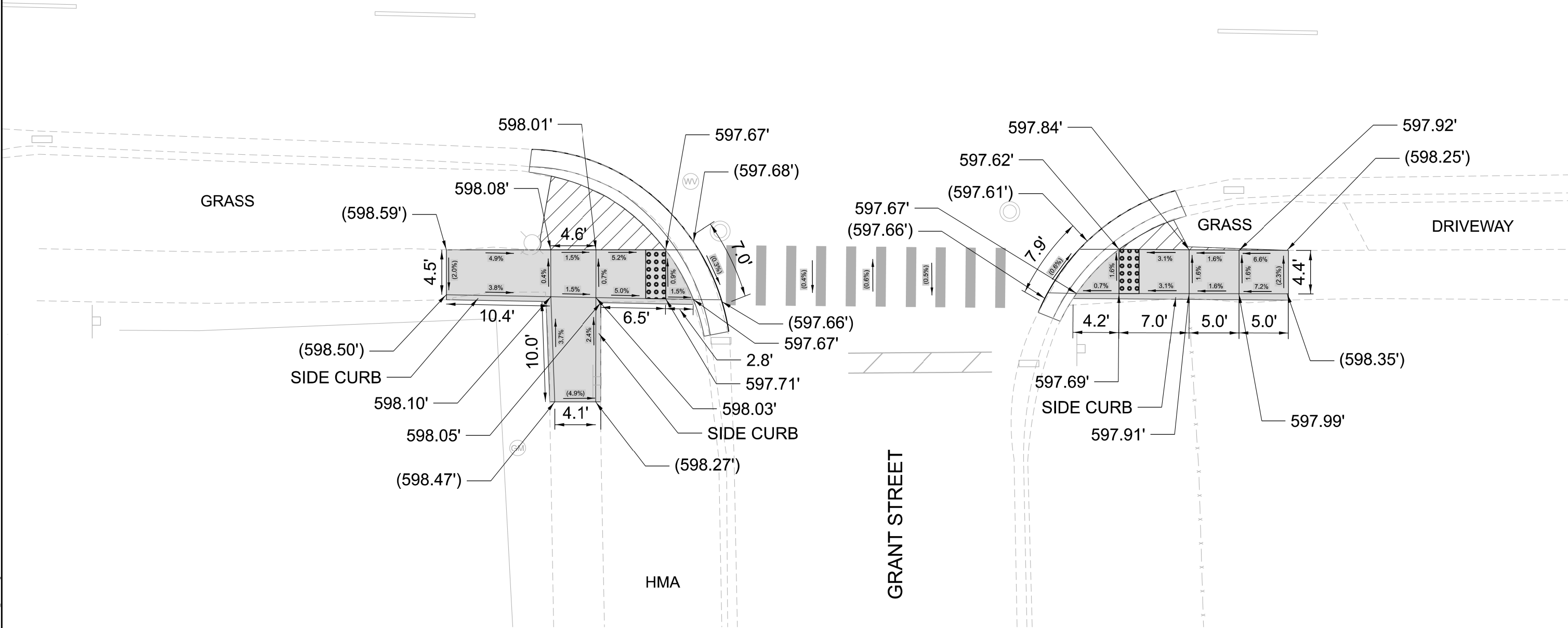
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	FAP 0397 23 SMART	COOK	111	47
CONTRACT NO. 62V55				
ILLINOIS FED. AID PROJECT				

ONLY



0 5 10
SCALE IN FEET

IL ROUTE 83 (SIBLEY BLVD.)



LEGEND

	HMA DRIVEWAY RESTORATION		SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
	PROPOSED DETECTABLE WARNING		BENCHMARK
	CLASS D PATCHES		EXISTING ELEVATION/SLOPE
	PROPOSED PCC SIDEWALK		EXISTING LENGTH

REFERENCE BENCHMARK #21000 ELEV. 598.18'
LOCATION: NW AND NW CORNER OF IL ROUTE 83 AND
GRANT STREET
BENCHMARK: CUT SQUARE ON LP BASE

OSEH inc.

401 S. CARLTON AVE
SUITE 200
WILSON, IL 60187
WWW.OSEHINC.COM

USER NAME = CCheng	DESIGNED - AD	REVISED -
	DRAWN - ML	REVISED -
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PLOT DATE = 4/21/2026	DATE - 06/06/2025	REVISED -

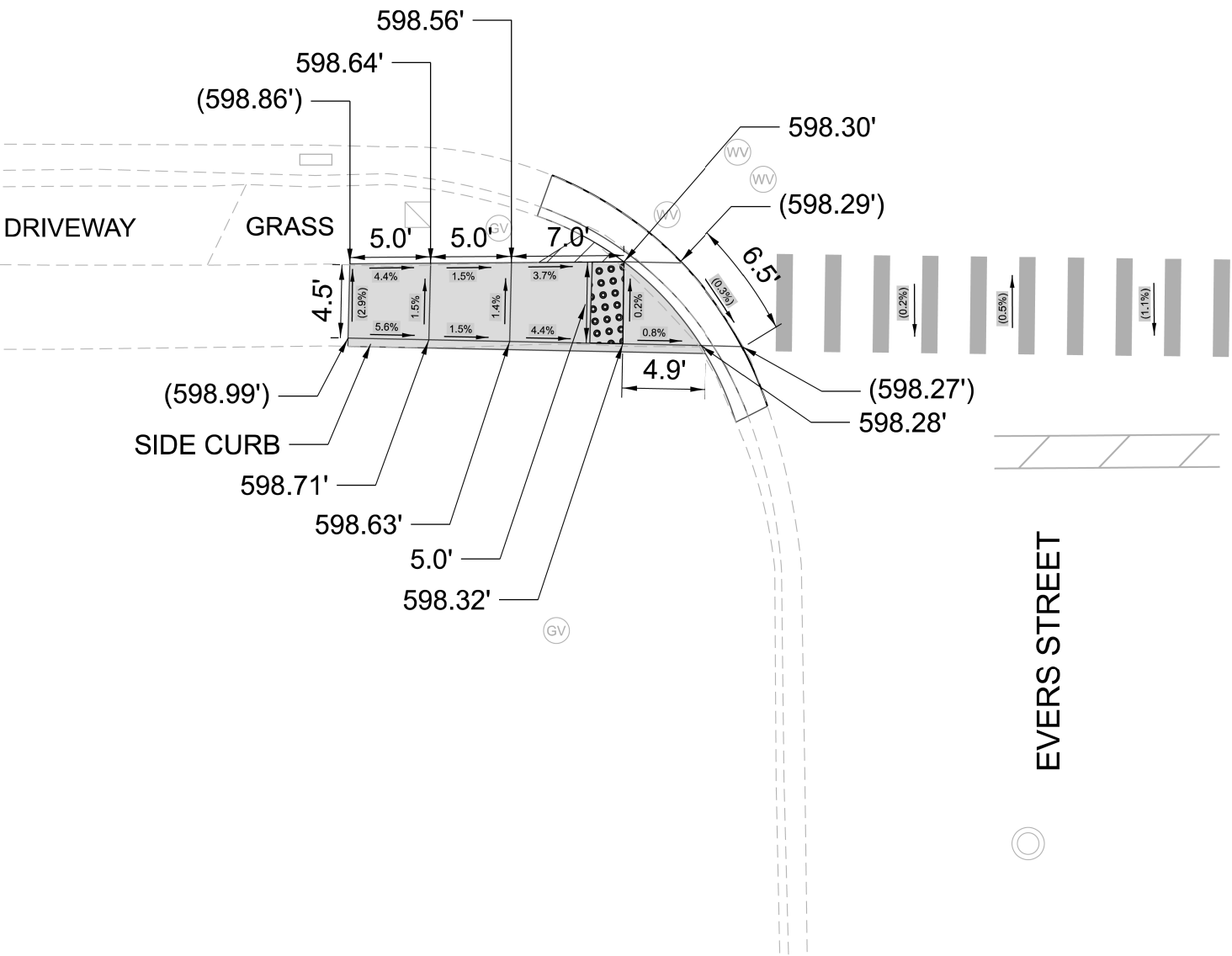
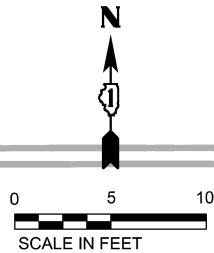
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 83 (SIBLEY BLVD.) & GRANT STREET
ADA CORNER DESIGN

SCALE: 1" = 5' SHEET 6 OF 48 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	FAP 0397 23 SMART	COOK	111	48
CONTRACT NO. 62V55				
ILLINOIS FED. AID PROJECT				

IL ROUTE 83 (SIBLEY BLVD.)



EVERS STREET

CORNER TO BE DESIGNED WITH
STANDARD PD-04A
(PROJECT DETAIL FOR DEPRESSED
CORNER CURB RAMPS)

LEGEND

	HMA DRIVEWAY RESTORATION		SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
	PROPOSED DETECTABLE WARNING		BENCHMARK
	CLASS D PATCHES		EXISTING ELEVATION/SLOPE
	PROPOSED PCC SIDEWALK		EXISTING LENGTH

REFERENCE BENCHMARK #20091 ELEV. 600.33'
LOCATION: NW AND NW CORNER OF IL ROUTE 83 AND
EVERS STREET
BENCHMARK: ARROW ON BOLT OF FIRE HYDRANT

OSEH inc.
401 S CARLTON AVE
SUITE 200
WILSON, IL 60157
WWW.OSEHINC.COM

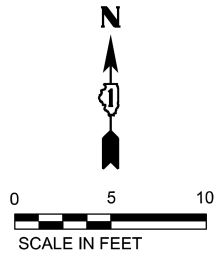
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PLOT DATE = 4/21/2026	DATE - 06/06/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 83 (SIBLEY BLVD.) & EVERS STREET
ADA CORNER DESIGN

SCALE: 1" = 5' SHEET 8 OF 48 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	FAP 0397 23 SMART	COOK	111	50
CONTRACT NO. 62V55				
ILLINOIS FED. AID PROJECT				



IL ROUTE 83 (SIBLEY BLVD.)

FRAMES AND GRATES
TO BE ADJUSTED

CORNER TO BE DESIGNED WITH
STANDARD PD-04B
(PROJECT DETAIL FOR SINGLE
PERPENDICULAR CURB RAMPS)

OAK STREET

HMA

HMA

GRASS
10.0'

DRIVEWAY

SIDE CURB

SIDE CURB

LEGEND			
	HMA DRIVEWAY RESTORATION		SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
	PROPOSED DETECTABLE WARNING		BENCHMARK
	CLASS D PATCHES		EXISTING ELEVATION/SLOPE
	PROPOSED PCC SIDEWALK		EXISTING LENGTH

REFERENCE BENCHMARK #502 ELEV. 603.02'
LOCATION: SW AND SW CORNER OF IL ROUTE 83 AND
OAK STREET
BENCHMARK: "X" ON EAST BOLT OF FIRE HYDRANT

OSEH inc.

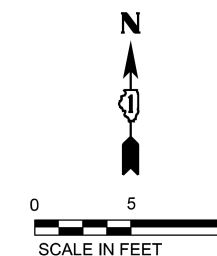
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

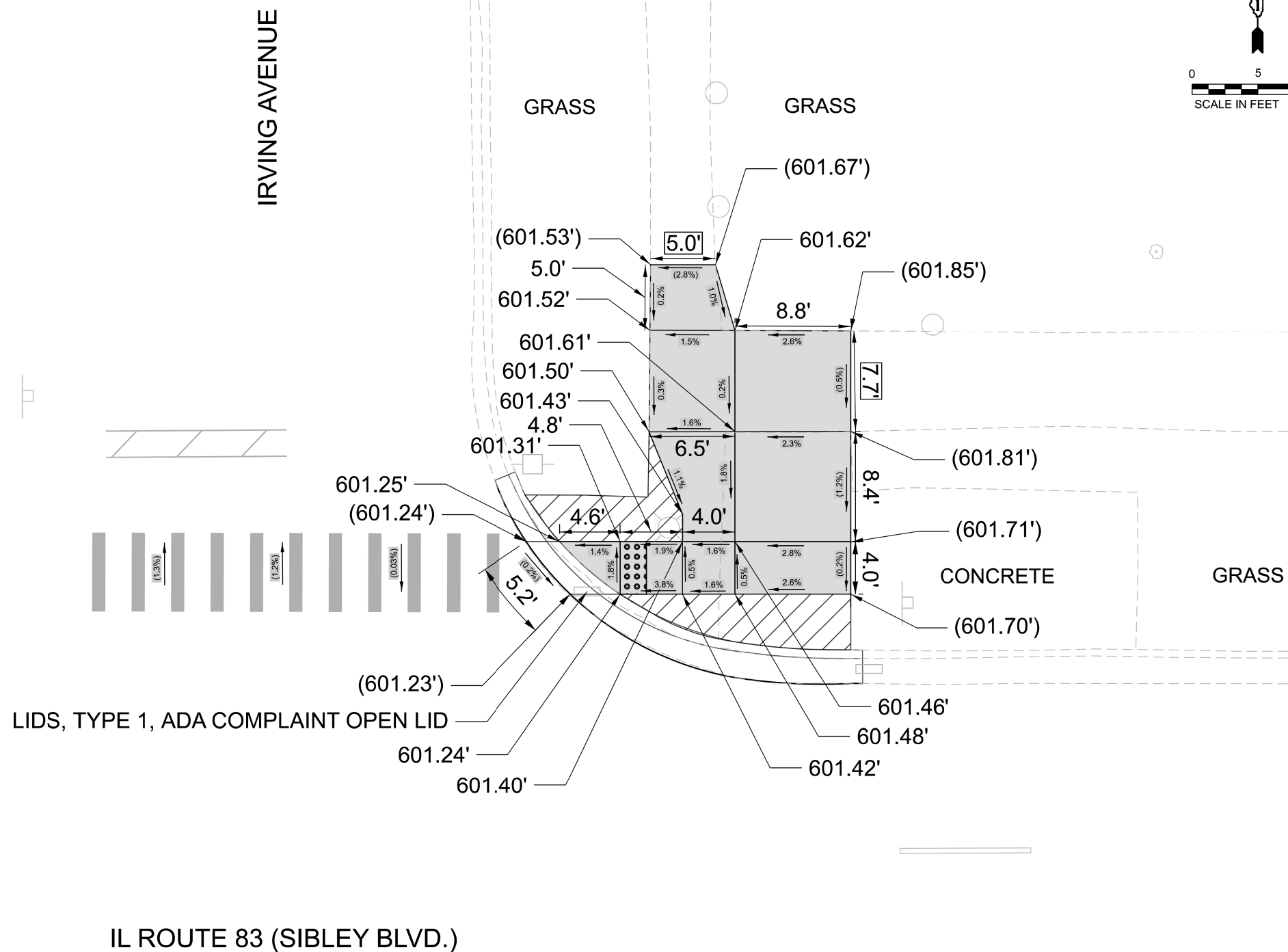
IL ROUTE 83 (SIBLEY BLVD.) & OAK STREET
ADA CORNER DESIGN

SCALE: 1" = 5' SHEET 9 OF 48 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	FAP 0397 23 SMART	COOK	111	51
CONTRACT NO. 62V55				
ILLINOIS FED. AID PROJECT				



CORNER TO BE DESIGNED WITH
STANDARD PD-04A
(PROJECT DETAIL FOR SINGLE
PERPENDICULAR CURB RAMPS
WITH TURNING SPACE)



LEGEND



HMA DRIVEWAY RESTORATION



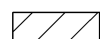
PROPOSED DETECTABLE WARNING



CLASS D PATCHES



PROPOSED PCC SIDEWALK



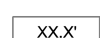
SIDEWALK REMOVAL
REPLACE WITH TOPSOIL & SOD



BENCHMARK



EXISTING ELEVATION/SLOPE



EXISTING LENGTH

OSEH inc. 401 S CARLTON AVE
SUITE 201
WHEATON, IL 60187
WWW.OSHINC.COM

USER NAME = CCheong	DESIGNED - AD	REVISED -
	DRAWN - ML	REVISED -
PLOT SCALE = 10.002' / in.	CHECKED - MM	REVISED -
PLOT DATE = 4/21/2026	DATE - 06/06/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**IL ROUTE 83 (SIBLEY BLVD.) & IRVING AVENUE
ADA CORNER DESIGN**

SCALE: 1" = 5'	SHEET 10	OF 48 SHEETS	STA.	TO STA.
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F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	FAP 0397 23 SMART	COOK	111	52
		CONTRACT NO. 62V55		
ILLINOIS		FED. AID PROJECT		

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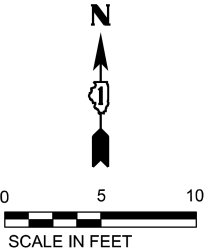
CORNER TO BE DESIGNED WITH STANDARD PD-04B (PROJECT DETAIL FOR DEPRESSED CORNER CURB RAMPS)

CORNER TO BE DESIGNED WITH STANDARD PD-01B (PROJECT DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS)

IL ROUTE 83 (SIBLEY BLVD.)

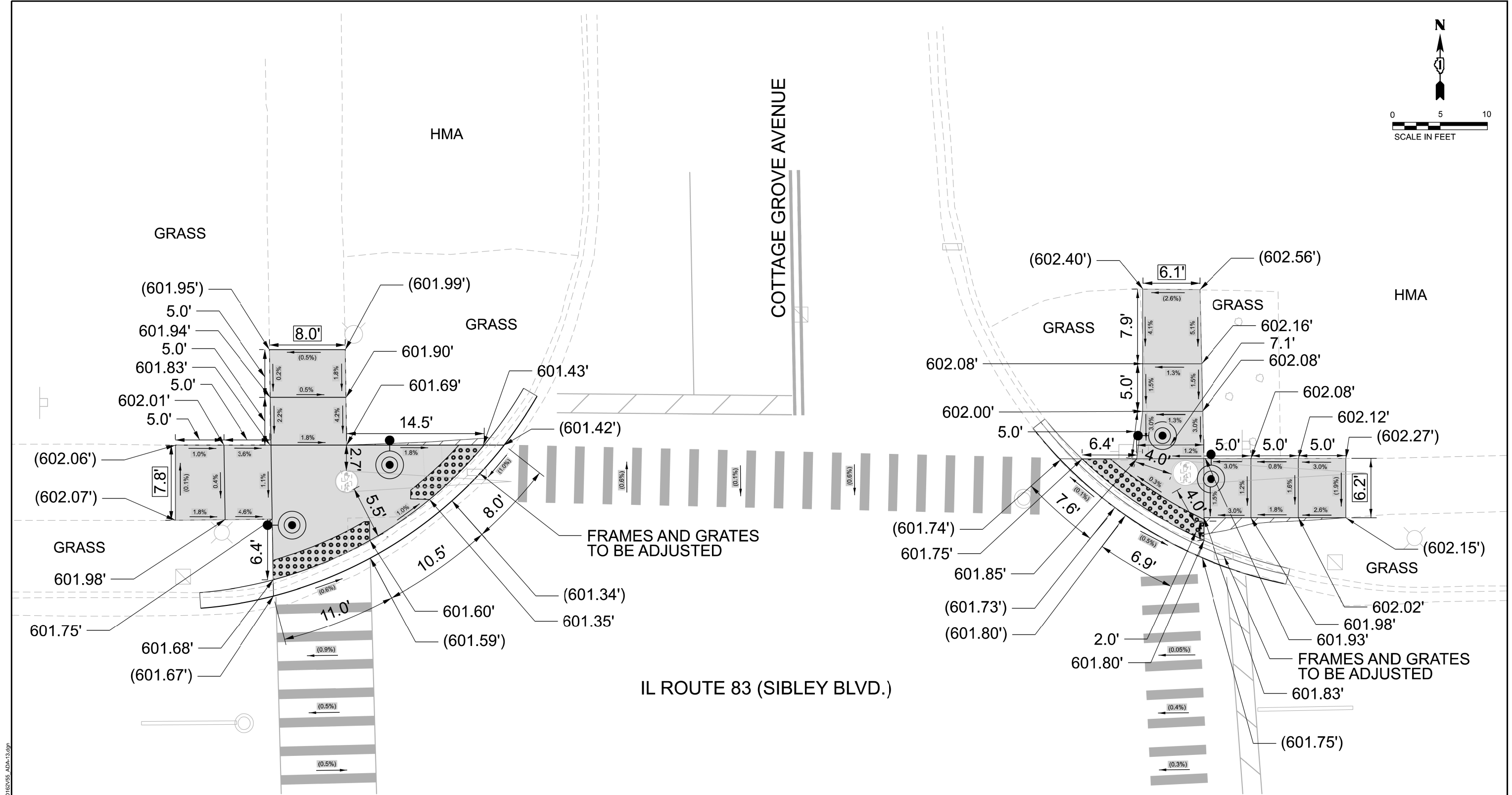
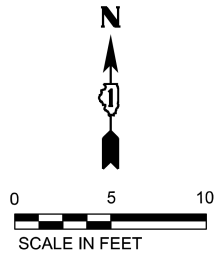
WATER VALVE TO BE ADJUSTED

CHAMPLAIN STREET



- HMA DRIVEWAY RESTORATION
- PROPOSED DETECTABLE WARNING
- CLASS D PATCHES
- PROPOSED PCC SIDEWALK
- SIDEWALK REMOVAL
REPLACE WITH TOPSOIL & SOD
- BENCHMARK
- EXISTING ELEVATION/SLOPE
- EXISTING LENGTH

REFERENCE BENCHMARK #18965 ELEV. 602.46'
LOCATION: SE AND SE CORNER OF IL ROUTE 83 AND CHAMPLAIN STREET
BENCHMARK: "X" ON NORTHEAST BOLT OF FIRE HYDRANT



MODEL: Default
FILE NAME: Z:\Shared\Projects\DOT\TEC-003-00003_Design\02_CADD_Sheets\12V55_ADA-13.dgn

LEGEND

- | | | | |
|--|-----------------------------|--|--|
| | HMA DRIVEWAY RESTORATION | | SIDEWALK REMOVAL
REPLACE WITH TOPSOIL & SOD |
| | PROPOSED DETECTABLE WARNING | | BENCHMARK |
| | CLASS D PATCHES | | EXISTING ELEVATION/SLOPE |
| | PROPOSED PCC SIDEWALK | | EXISTING LENGTH |

REFERENCE BENCHMARK #18120 ELEV. 602.76'
LOCATION: SE AND SE CORNER OF IL ROUTE 83 AND
COTTAGE GROVE AVENUE
BENCHMARK: SQUARE CUT ON NW CORNER OF TCB

OSEH inc.
401 S. CARLTON AVE
SUITE 200
WILSON, IL 60187
WWW.OSEHINC.COM

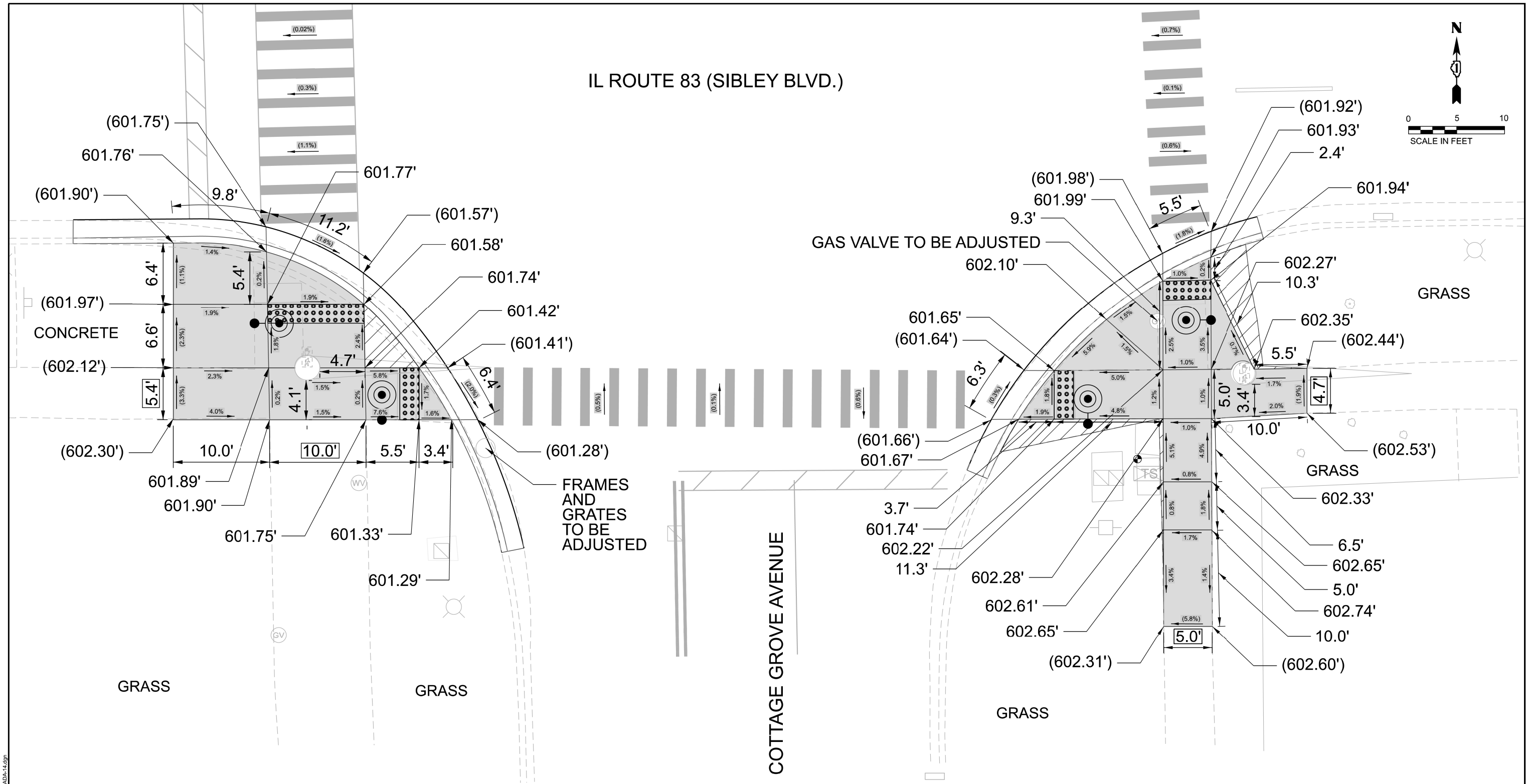
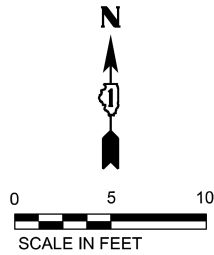
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PLOT SCALE = 10.002' / in.	CHECKED - MM	REVISED -
PLOT DATE = 4/21/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 83 (SIBLEY BLVD.) & COTTAGE GROVE AVENUE ADA CORNER DESIGN			
SCALE: 1" = 5'	SHEET 13	OF 48 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	FAP 0397 23 SMART	COOK	111	55
CONTRACT NO. 62V55				
ILLINOIS FED. AID PROJECT				

IL ROUTE 83 (SIBLEY BLVD.)



LEGEND

	HMA DRIVEWAY RESTORATION		SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
	PROPOSED DETECTABLE WARNING		BENCHMARK
	CLASS D PATCHES		EXISTING ELEVATION/SLOPE
	PROPOSED PCC SIDEWALK		EXISTING LENGTH

REFERENCE BENCHMARK #18120 ELEV. 602.76'
LOCATION: SE AND SE CORNER OF IL ROUTE 83 AND
COTTAGE GROVE AVENUE
BENCHMARK: SQUARE CUT ON NW CORNER OF TCB

OSEH inc.

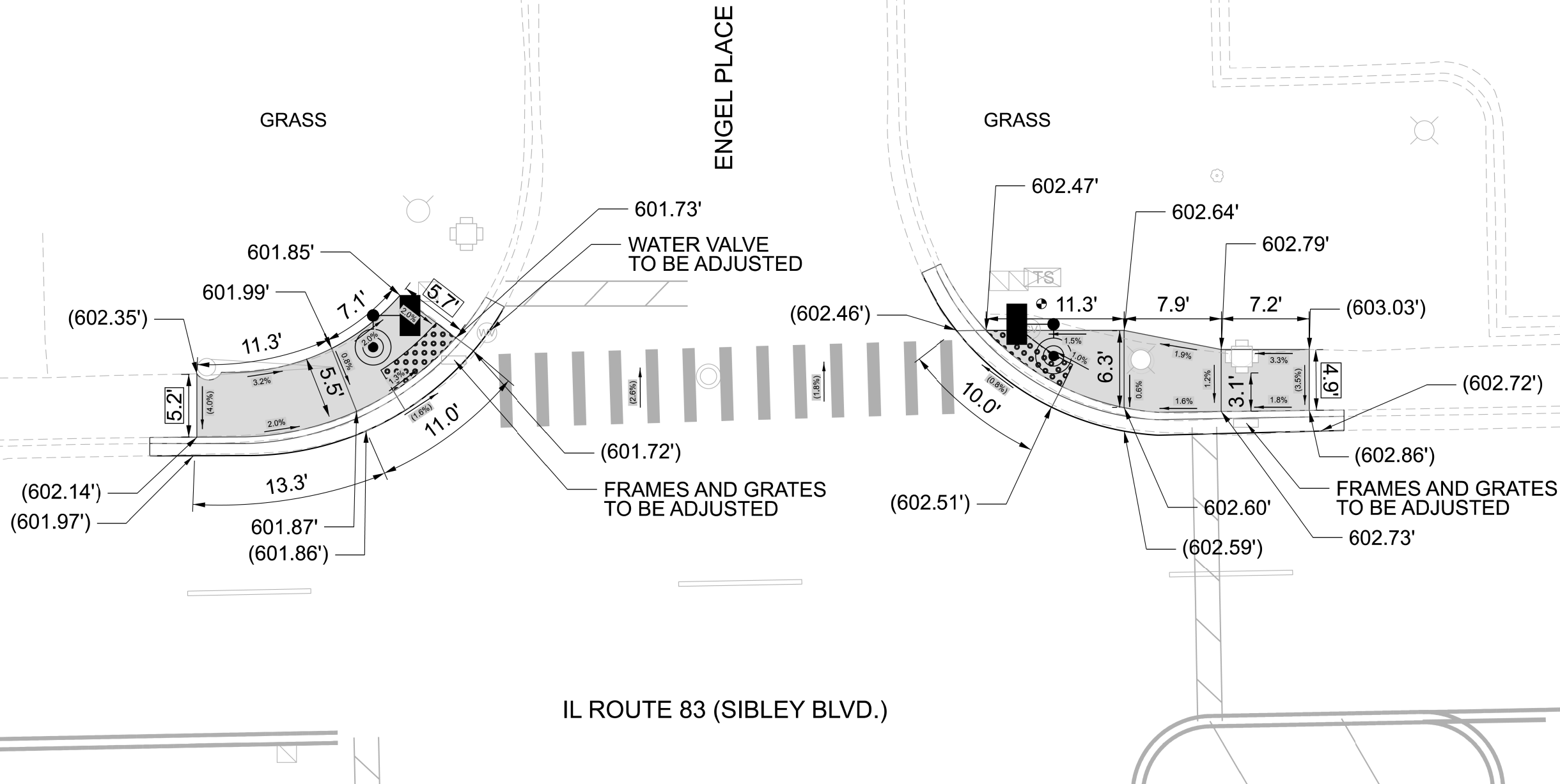
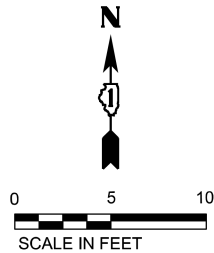
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DRAWN - ML	REVISED -	
PLOT SCALE = 10.000' / in.	CHECKED - MM	REVISED -
PLOT DATE = 4/21/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 83 (SIBLEY BLVD.) & COTTAGE GROVE AVENUE
ADA CORNER DESIGN

SCALE: 1" = 5' SHEET 14 OF 48 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	FAP 0397 23 SMART	COOK	111	56
CONTRACT NO. 62V55				
ILLINOIS FED. AID PROJECT				



LEGEND

	HMA DRIVEWAY RESTORATION		SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
	PROPOSED DETECTABLE WARNING		BENCHMARK
	CLASS D PATCHES		EXISTING ELEVATION/SLOPE
	PROPOSED PCC SIDEWALK		EXISTING LENGTH

REFERENCE BENCHMARK #17226 ELEV. 603.19'
LOCATION: NE AND NE CORNER OF IL ROUTE 83 AND
ENGEL PLACE
BENCHMARK: SQUARE CUT ON SW CORNER OF TCB

OSEH inc.
401 S. CARLTON AVE.
SUITE 200
WILSON, IL 60187
WWW.OSEHINC.COM

USER NAME = CCheng	DESIGNED - AD	REVISED -
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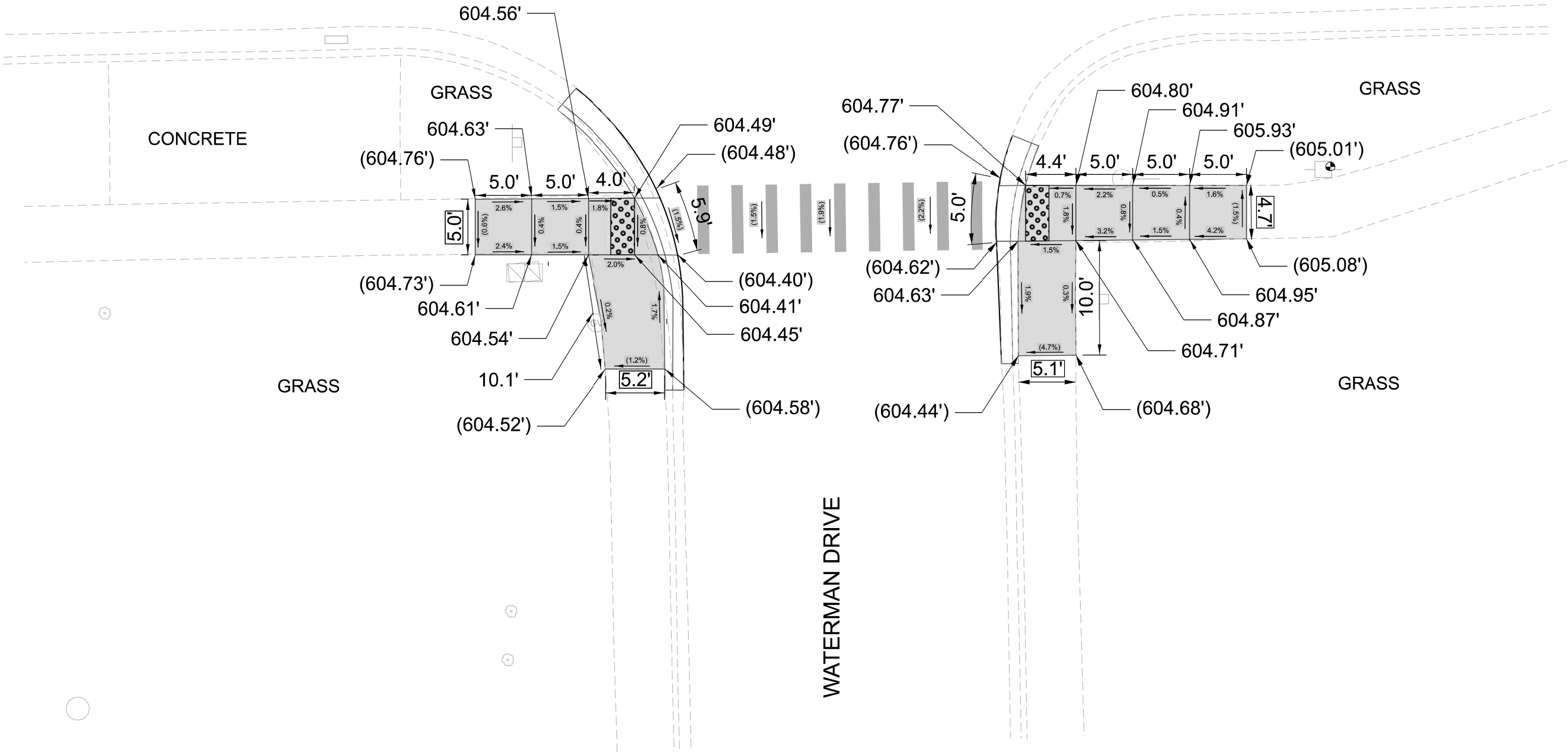
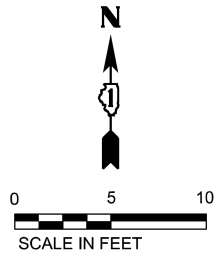
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 83 (SIBLEY BLVD.) & ENGEL PLACE
ADA CORNER DESIGN

SCALE: 1" = 5' SHEET 15 OF 48 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	FAP 0397 23 SMART	COOK	111	57
CONTRACT NO. 62V55				
ILLINOIS FED. AID PROJECT				

IL ROUTE 83 (SIBLEY BLVD.)



LEGEND

- | | | | |
|--|-----------------------------|--|--|
| | HMA DRIVEWAY RESTORATION | | SIDEWALK REMOVAL
REPLACE WITH TOPSOIL & SOD |
| | PROPOSED DETECTABLE WARNING | | BENCHMARK |
| | CLASS D PATCHES | | EXISTING ELEVATION/SLOPE |
| | PROPOSED PCC SIDEWALK | | EXISTING LENGTH |

REFERENCE BENCHMARK #16761 ELEV. 606.04'
LOCATION: SE AND SE CORNER OF IL ROUTE 83 AND
WATERMAN DRIVE
BENCHMARK: SPIKE SET ON POWER POLE

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401 S CARLTON AVE
SUITE 200
WILSON, IL 60187
WWW.OSEHINC.COM

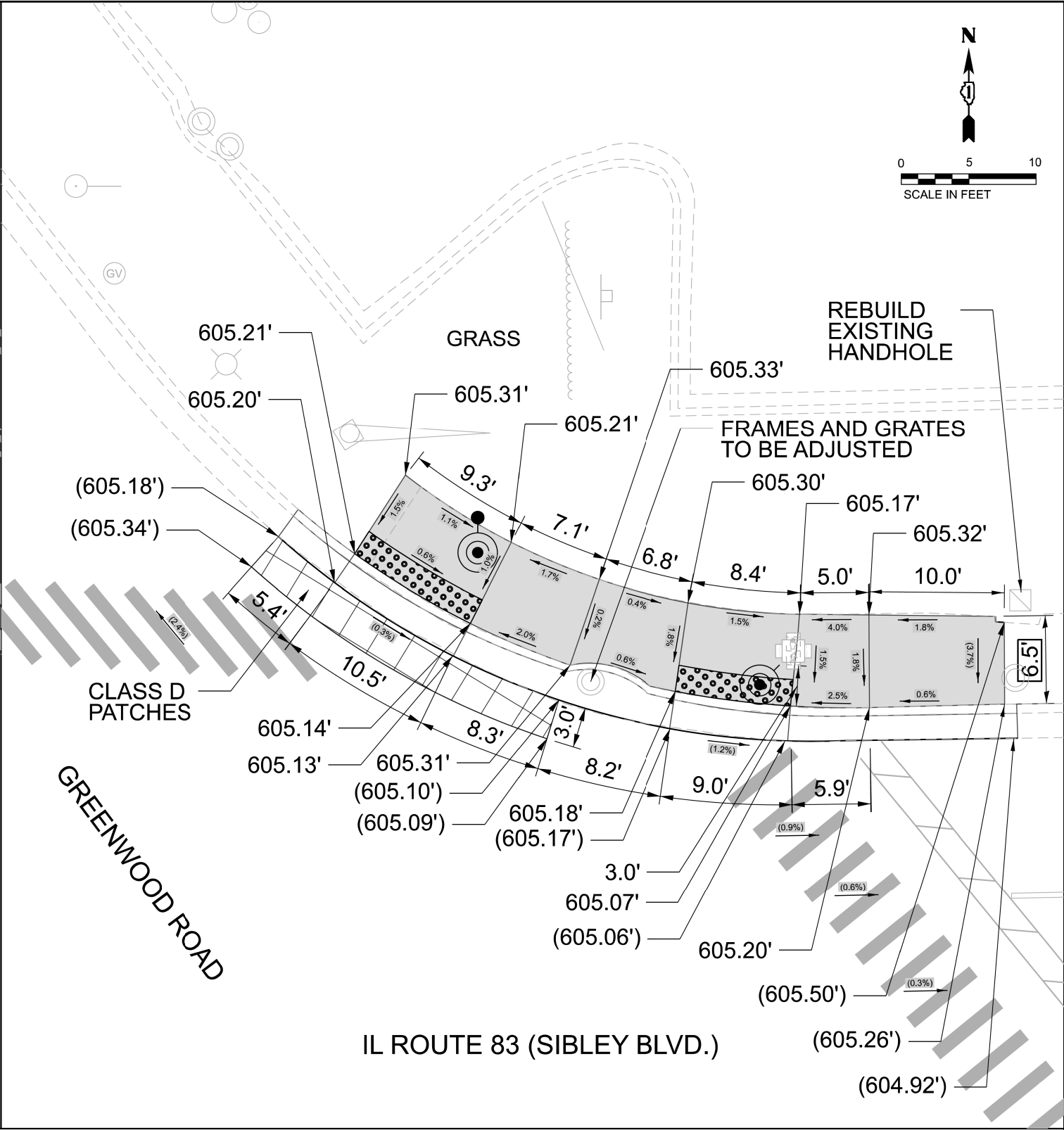
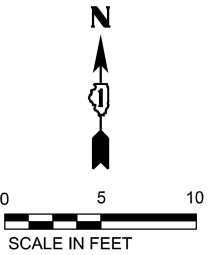
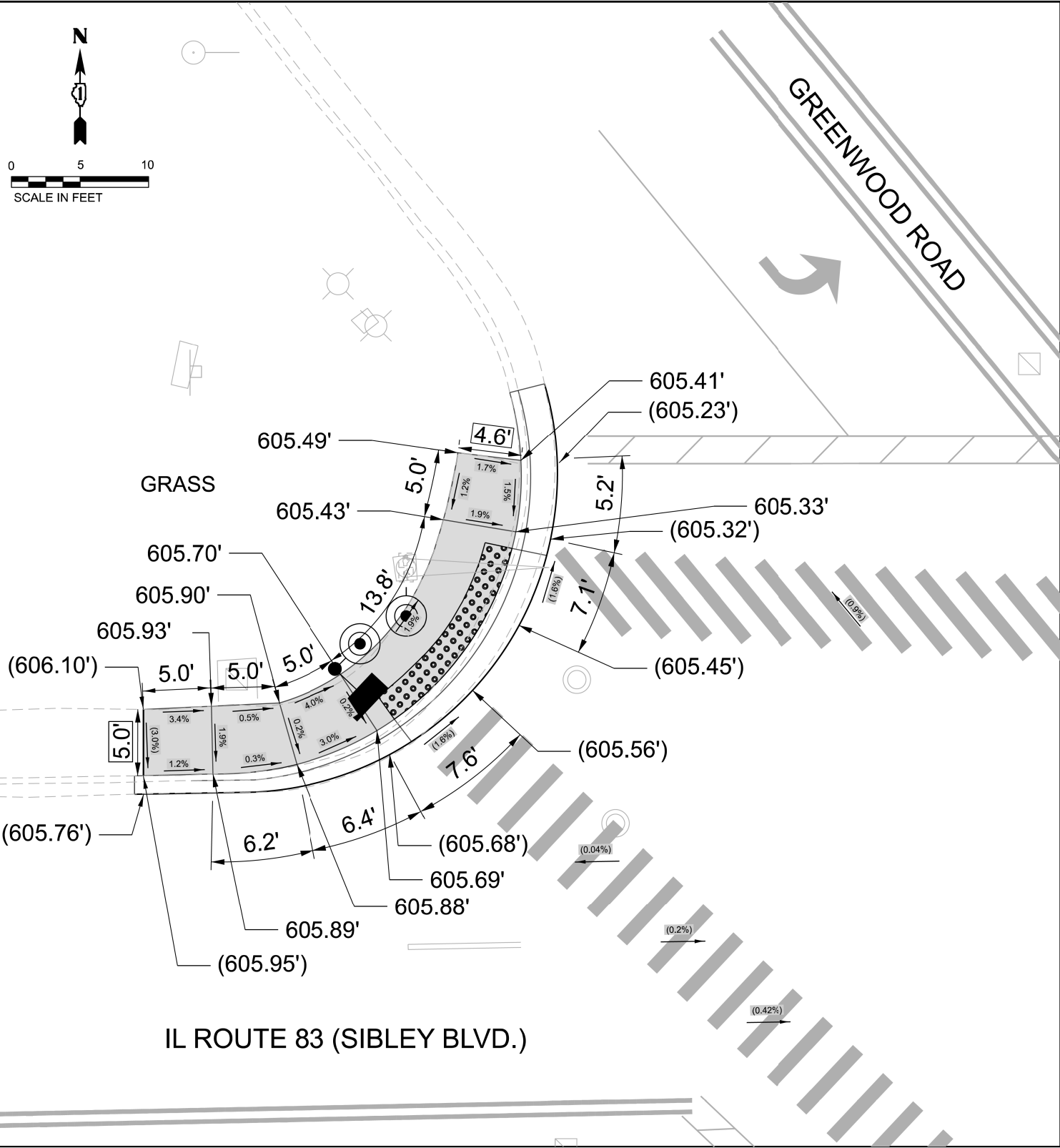
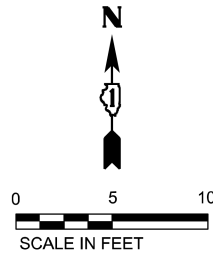
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PLOT DATE = 4/21/2026	DATE - 06/06/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 83 (SIBLEY BLVD.) & WATERMAN DRIVE
ADA CORNER DESIGN

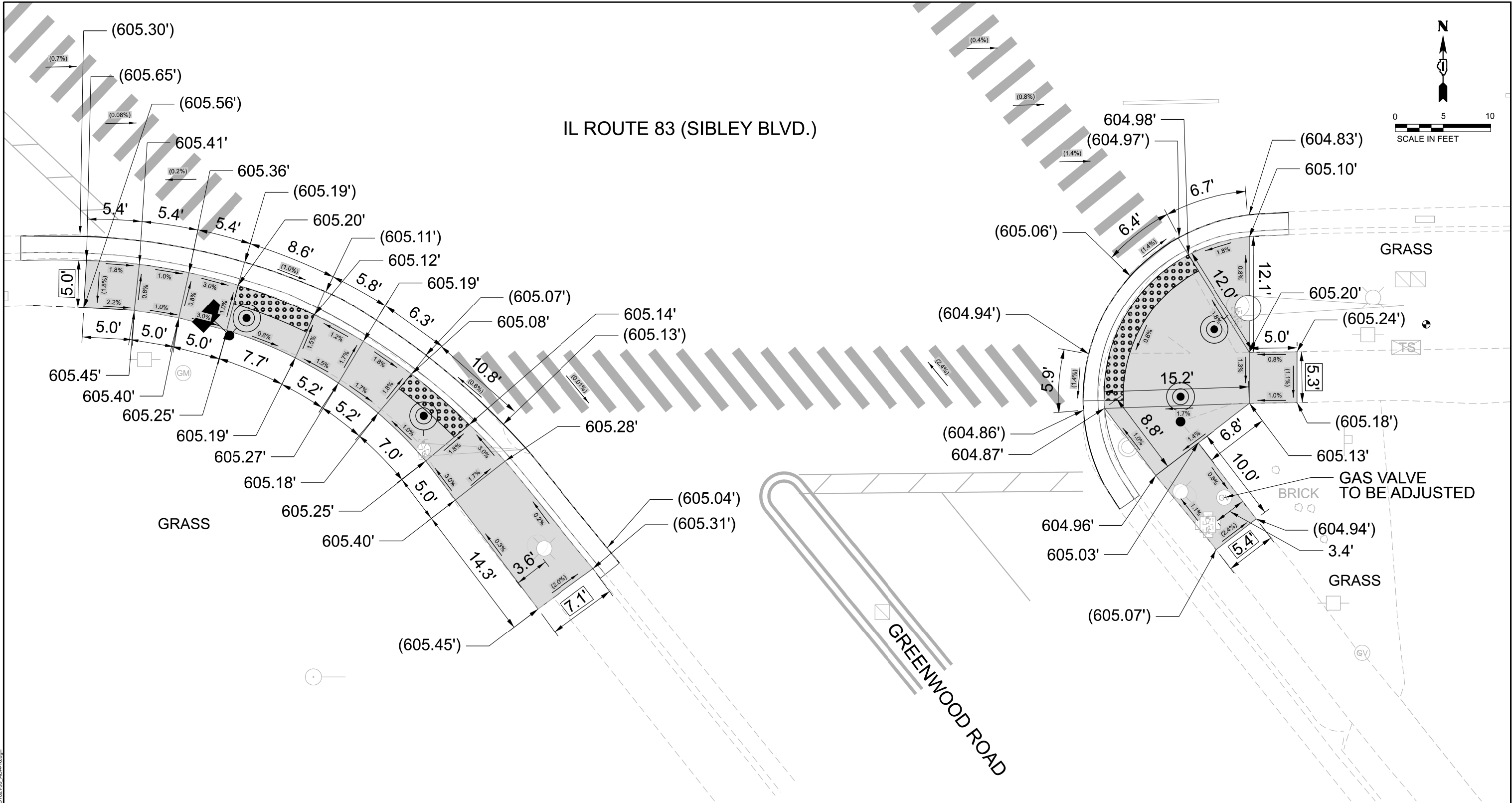
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F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	FAP 0397 23 SMART	COOK	111	58
CONTRACT NO. 62V55				
ILLINOIS FED. AID PROJECT				



LEGEND			
	HMA DRIVEWAY RESTORATION		SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
	PROPOSED DETECTABLE WARNING		BENCHMARK
	CLASS D PATCHES		EXISTING ELEVATION/SLOPE
	PROPOSED PCC SIDEWALK		EXISTING LENGTH

REFERENCE BENCHMARK #15615 ELEV. 605.50'
LOCATION: SE AND SE CORNER OF IL ROUTE 83 AND
GREENWOOD ROAD
BENCHMARK: SQUARE CUT ON NE CORNER OF TCB



LEGEND

- | | | | |
|--|-----------------------------|--|--|
| | HMA DRIVEWAY RESTORATION | | SIDEWALK REMOVAL
REPLACE WITH TOPSOIL & SOD |
| | PROPOSED DETECTABLE WARNING | | BENCHMARK |
| | CLASS D PATCHES | | EXISTING ELEVATION/SLOPE |
| | PROPOSED PCC SIDEWALK | | EXISTING LENGTH |

REFERENCE BENCHMARK #15615 ELEV. 605.50'
LOCATION: SE AND SE CORNER OF IL ROUTE 83 AND
GREENWOOD ROAD
BENCHMARK: SQUARE CUT ON NE CORNER OF TCB

OSEH inc.

USER NAME = CCheng	DESIGNED - AD	REVISED -
	DRAWN - ML	REVISED -
PLOT SCALE = 10.002' / in.	CHECKED - MM	REVISED -
PLOT DATE = 4/21/2026	DATE - 06/06/2025	REVISED -

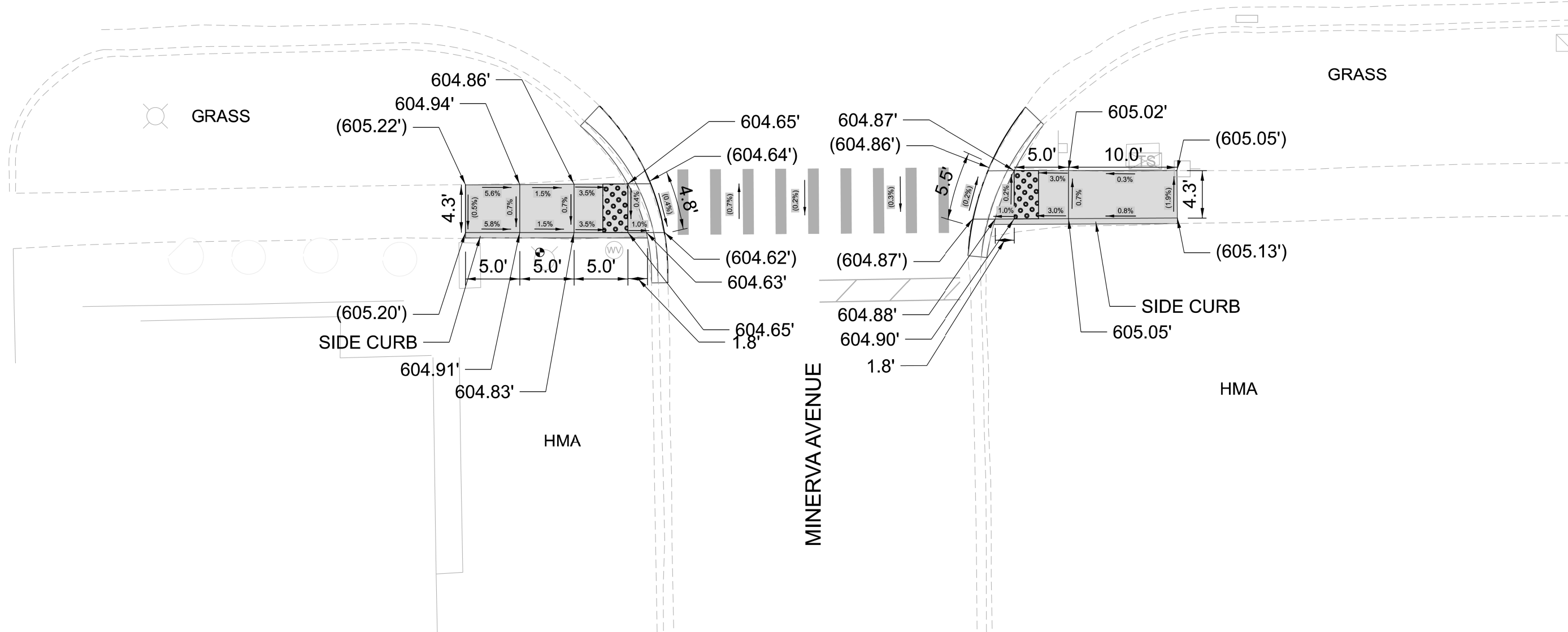
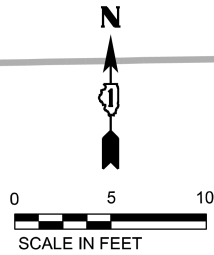
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 83 (SIBLEY BLVD.) & GREENWOOD ROAD
ADA CORNER DESIGN

SCALE: 1" = 5' SHEET 18 OF 48 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	FAP 0397 23 SMART	COOK	111	60
CONTRACT NO. 62V55				
ILLINOIS FED. AID PROJECT				

IL ROUTE 83 (SIBLEY BLVD.)



LEGEND

- | | | | |
|--|-----------------------------|--|--|
| | HMA DRIVEWAY RESTORATION | | SIDEWALK REMOVAL
REPLACE WITH TOPSOIL & SOD |
| | PROPOSED DETECTABLE WARNING | | BENCHMARK |
| | CLASS D PATCHES | | EXISTING ELEVATION/SLOPE |
| | PROPOSED PCC SIDEWALK | | EXISTING LENGTH |

REFERENCE BENCHMARK #15084 ELEV. 606.74'
LOCATION: SW AND SWC CORNER OF IL ROUTE 83 AND MINERVA AVE
BENCHMARK: "X" CUT ON NE BOLT OF FIRE HYDRANT

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401 S CARLTON AVE
SUITE 200
WILSON, IL 60187
WWW.OSEHINC.COM

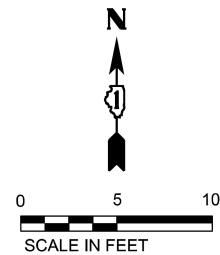
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PLOT DATE = 4/21/2026	DATE - 06/06/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 83 (SIBLEY BLVD.) & MINERVA AVENUE
ADA CORNER DESIGN

SCALE: 1" = 5' SHEET 19 OF 48 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	FAP 0397 23 SMART	COOK	111	61
CONTRACT NO. 62V55				
ILLINOIS FED. AID PROJECT				



WOODLAWN AVENUE

GRASS

GRASS

REBUILD EXISTING HANDHOLE

IL ROUTE 83 (SIBLEY BLVD.)

GRASS

SIDE CURB

LEGEND			
	HMA DRIVEWAY RESTORATION		SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
	PROPOSED DETECTABLE WARNING		BENCHMARK
	CLASS D PATCHES		EXISTING ELEVATION/SLOPE
	PROPOSED PCC SIDEWALK		EXISTING LENGTH

REFERENCE BENCHMARK #14783 ELEV. 609.88'			
LOCATION: SW AND SW CORNER OF IL ROUTE 83 AND WOODLAWN AVENUE			
BENCHMARK: SQUARE CUT ON SE CORNER OF TCB			

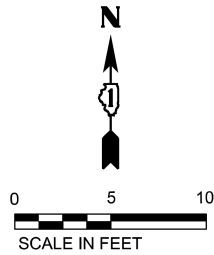
OSEH inc. 401 S. CARLTON AVE SUITE 200 WILSON, IL 60187 WWW.OSEHINC.COM	USER NAME = CCheng	DESIGNED - AD	REVISED -
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	PLOT DATE = 4/21/2026	DATE - 06/06/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 83 (SIBLEY BLVD.) & WOODLAWN AVENUE
ADA CORNER DESIGN

SCALE: 1" = 5' SHEET 20 OF 48 SHEETS STA. TO STA.

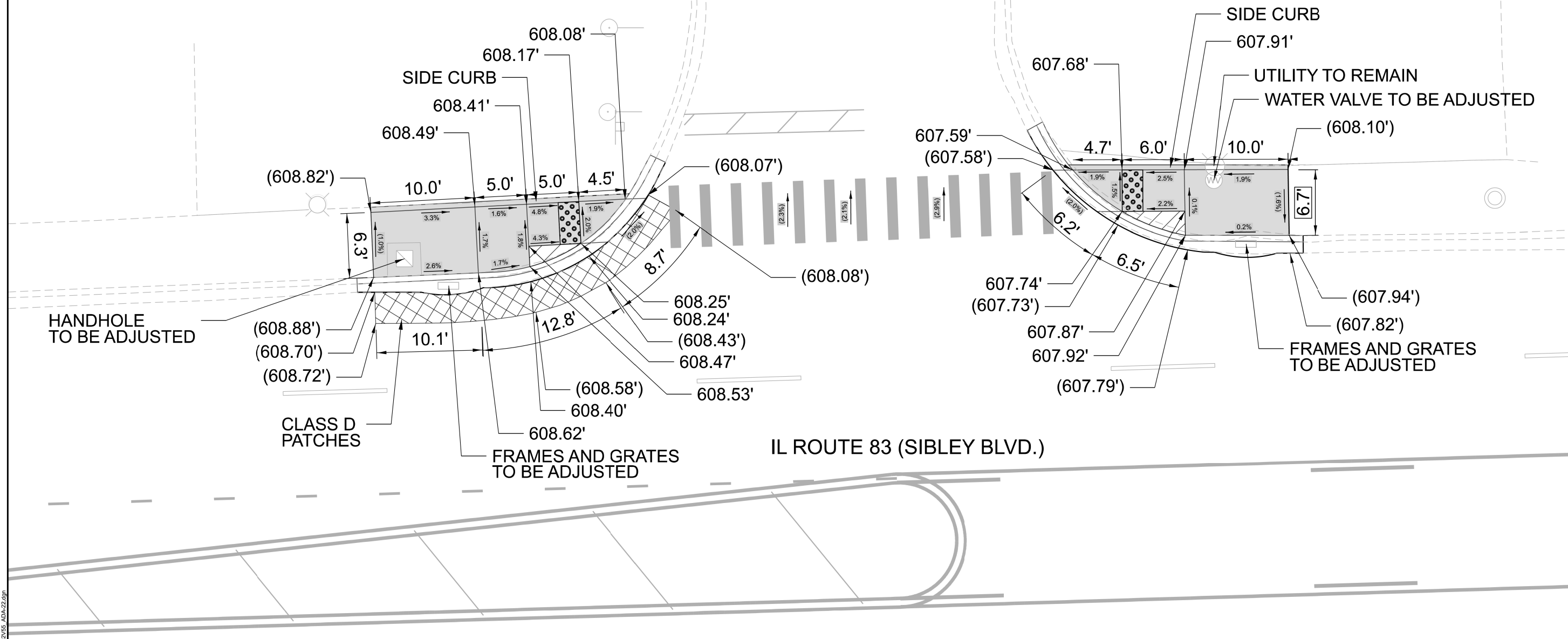
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	FAP 0397 23 SMART	COOK	111	62
CONTRACT NO. 62V55				
ILLINOIS FED. AID PROJECT				



AVALON AVENUE

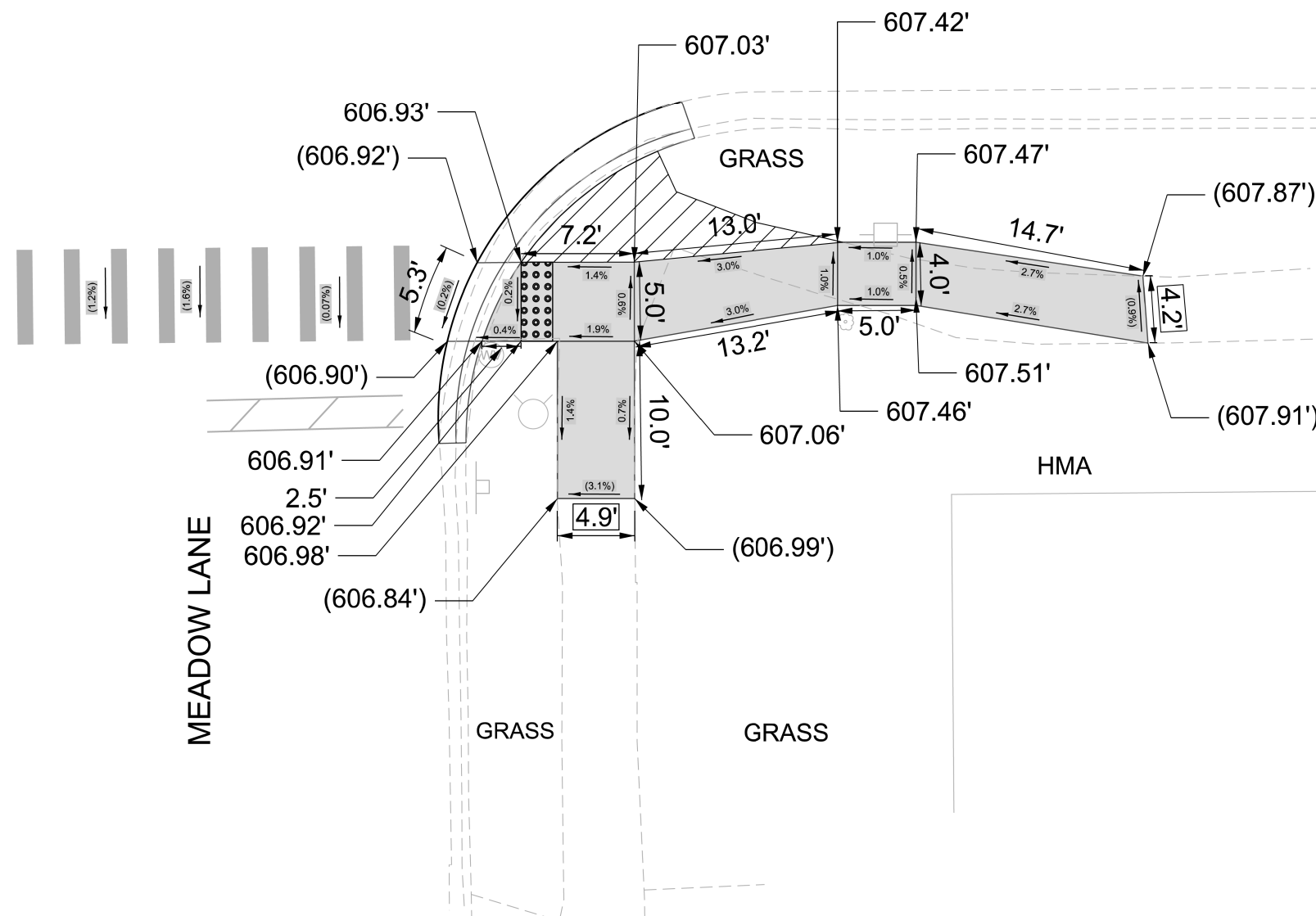
HMA

HMA



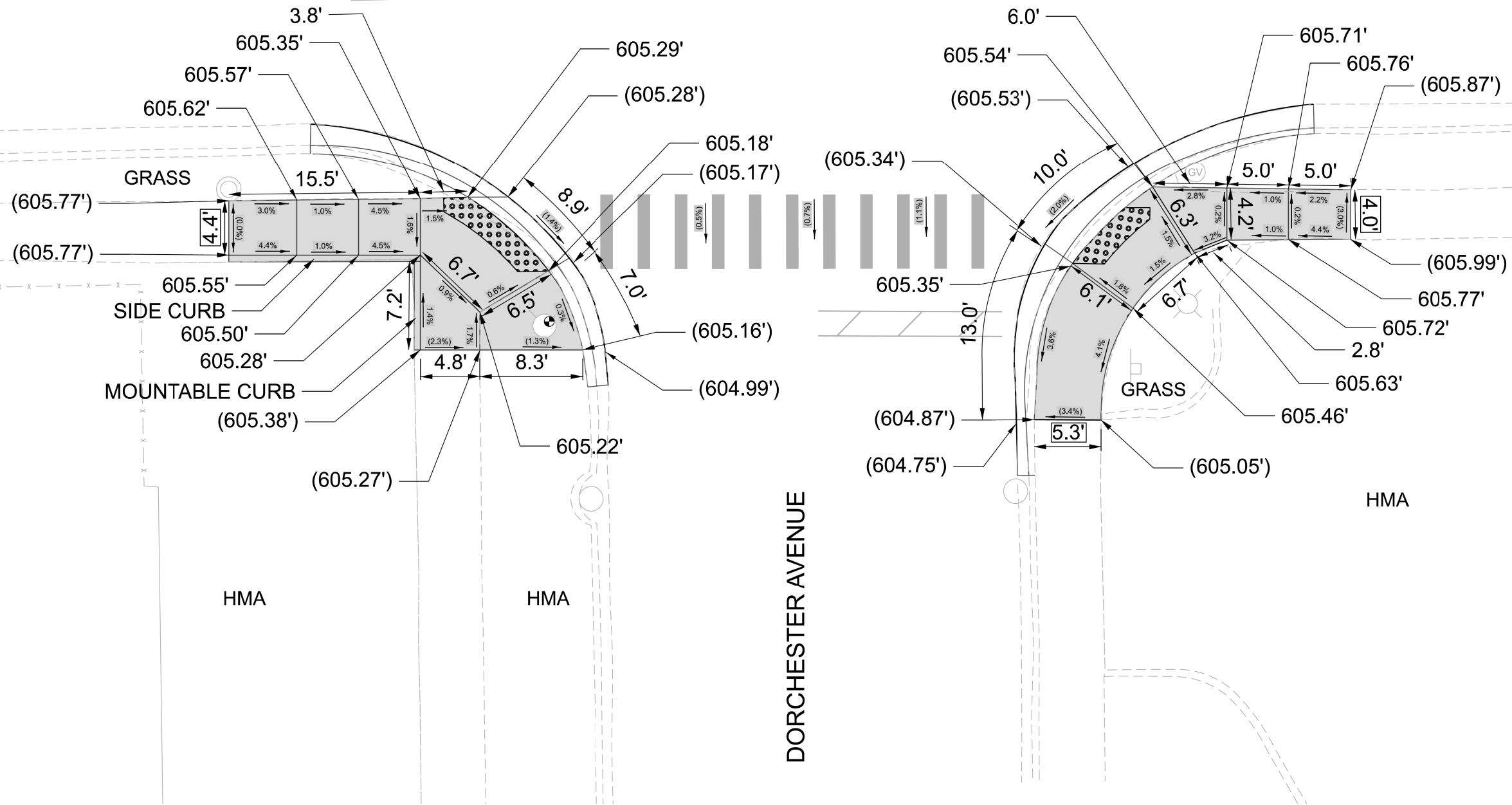
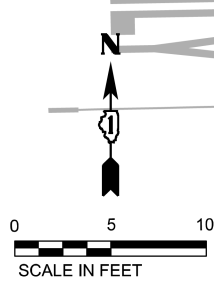
LEGEND			
	HMA DRIVEWAY RESTORATION		SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
	PROPOSED DETECTABLE WARNING		BENCHMARK
	CLASS D PATCHES		EXISTING ELEVATION/SLOPE
	PROPOSED PCC SIDEWALK		EXISTING LENGTH

REFERENCE BENCHMARK #13364 ELEV. 608.74'
LOCATION: SW CORNER OF IL ROUTE 83 AND
MEADOW LANE
BENCHMARK: SQUARE CUT ON SE CORNER OF LP BASE



REFERENCE BENCHMARK #13364 ELEV. 608.74'
LOCATION: SW CORNER OF IL ROUTE 83 AND
MEADOW LANE
BENCHMARK: SQUARE CUT ON SE CORNER OF LP BASE

IL ROUTE 83 (SIBLEY BLVD.)



LEGEND

	HMA DRIVEWAY RESTORATION		SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
	PROPOSED DETECTABLE WARNING		BENCHMARK
	CLASS D PATCHES		EXISTING ELEVATION/SLOPE
	PROPOSED PCC SIDEWALK		EXISTING LENGTH

REFERENCE BENCHMARK #12955 ELEV. 605.90'
LOCATION: SW AND SW CORNER OF IL ROUTE 83 AND
DORCHESTER AVENUE
BENCHMARK: "X" CUT ON NE BOLT OF FIRE HYDRANT

OSEH inc.

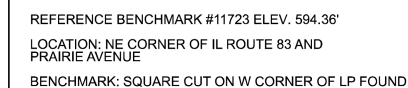
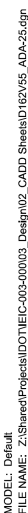
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PLOT DATE = 4/21/2026	DATE - 06/06/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

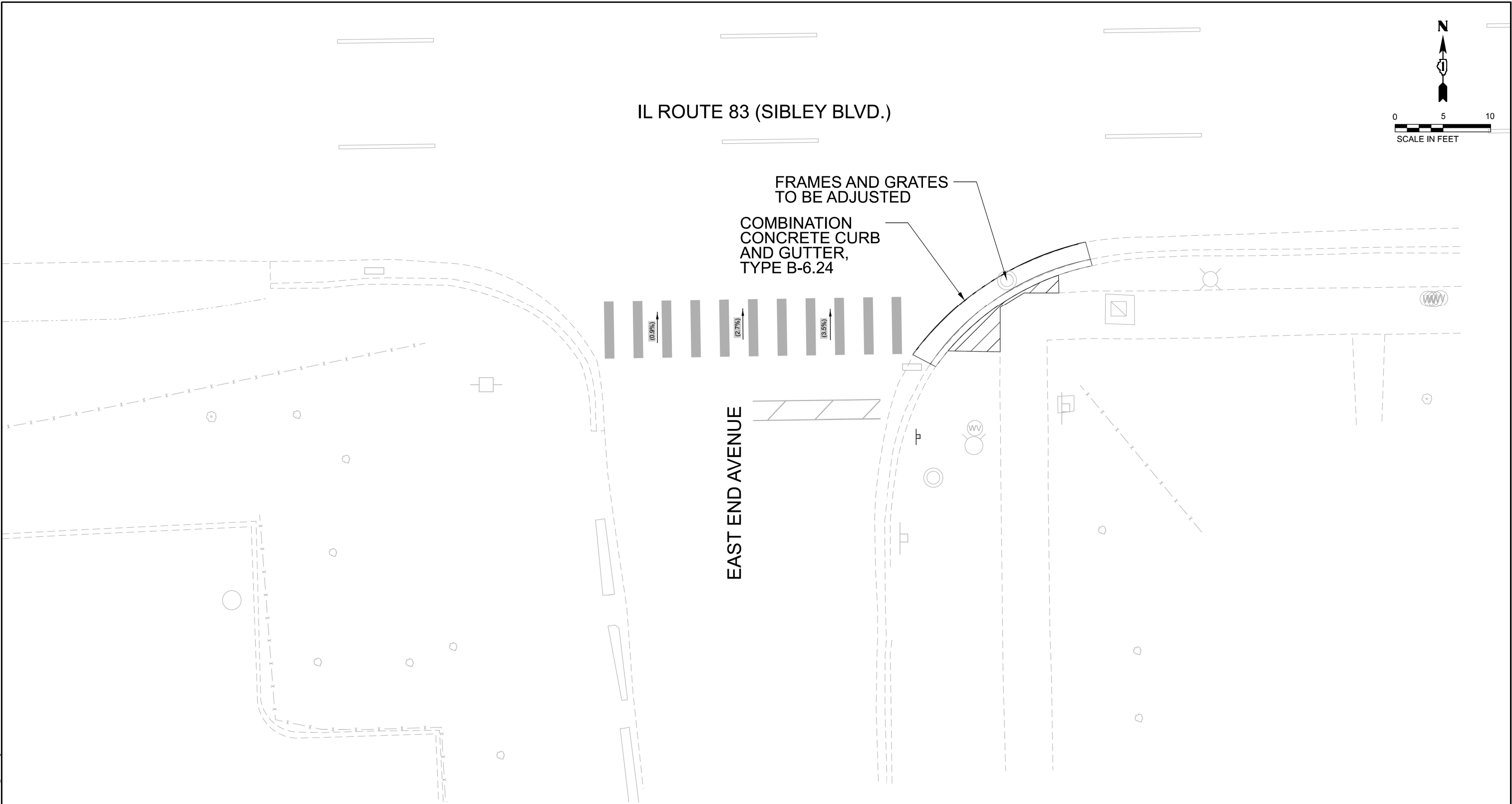
IL ROUTE 83 (SIBLEY BLVD.) & DORCHESTER AVENUE
ADA CORNER DESIGN

SCALE: 1" = 5'	SHEET 24	OF 48 SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	FAP 0397 23 SMART	COOK	111	66
CONTRACT NO. 62V55				
ILLINOIS FED. AID PROJECT				



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LEGEND

- | | | | |
|--|-----------------------------|--|--|
| | HMA DRIVEWAY RESTORATION | | SIDEWALK REMOVAL
REPLACE WITH TOPSOIL & SOD |
| | PROPOSED DETECTABLE WARNING | | BENCHMARK |
| | CLASS D PATCHES | | EXISTING ELEVATION/SLOPE |
| | PROPOSED PCC SIDEWALK | | EXISTING LENGTH |

REFERENCE BENCHMARK #11723 ELEV. 594.36'
LOCATION: NE CORNER OF IL ROUTE 83 AND
PRAIRE AVENUE
BENCHMARK: SQUARE CUT ON W CORNER OF LP FOUND

OSEH inc.
401 S CARLTON AVE
SUITE 200
WILSON, IL 60187
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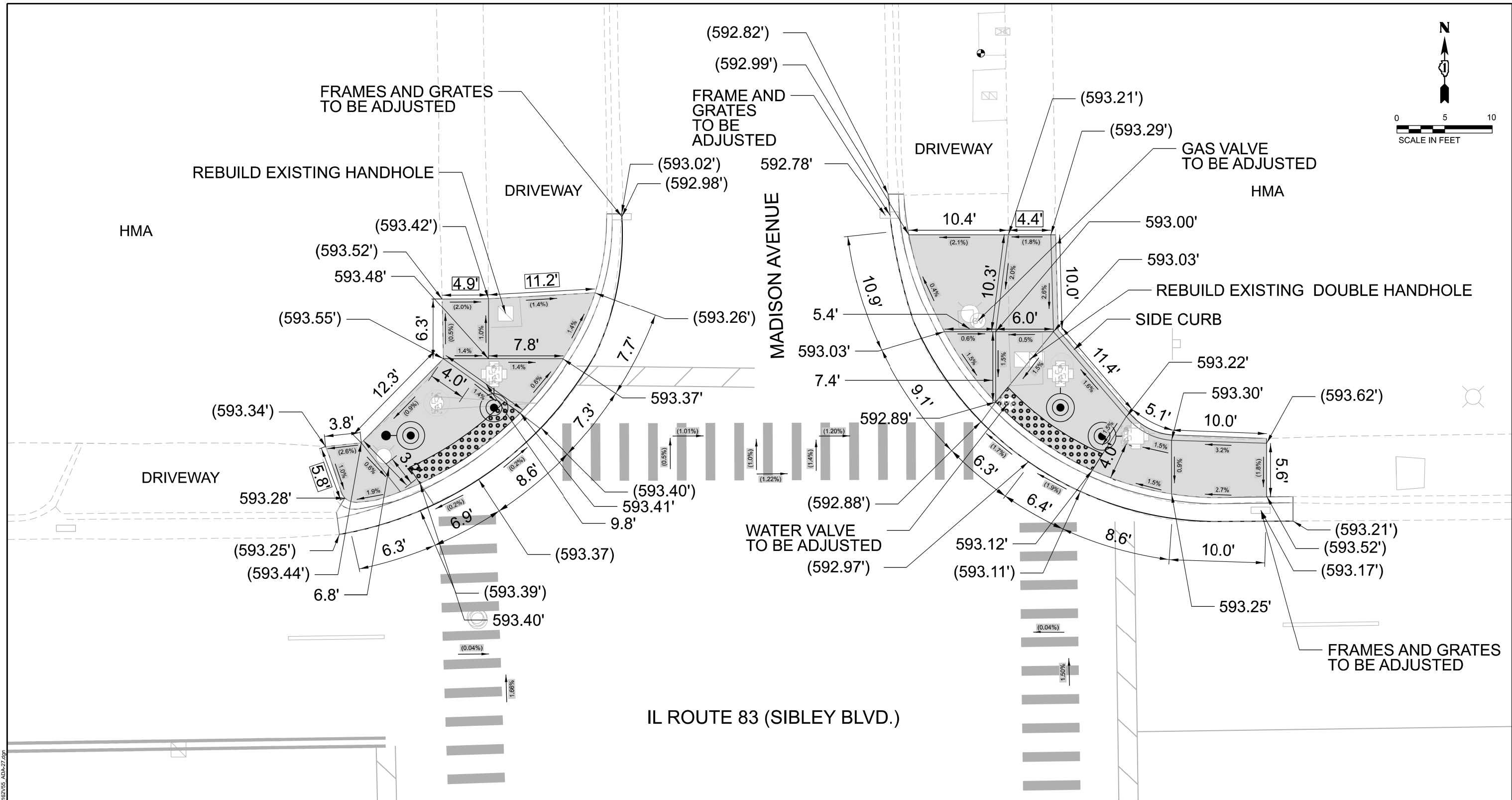
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PLOT SCALE = 10.002' / in.	CHECKED - MM	REVISED -
PLOT DATE = 4/21/2026	DATE - 06/06/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 83 (SIBLEY BLVD.) & EAST END AVENUE
ADA CORNER DESIGN

SCALE: 1" = 5' SHEET 26 OF 48 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	FAP 0397 23 SMART	COOK	111	68
CONTRACT NO. 62V55				
ILLINOIS FED. AID PROJECT				



	HMA DRIVEWAY RESTORATION		SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
	PROPOSED DETECTABLE WARNING		BENCHMARK
	CLASS D PATCHES	()	EXISTING ELEVATION/SLOPE
	PROPOSED PCC SIDEWALK	XX.X'	EXISTING LENGTH

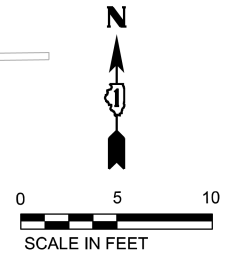
REFERENCE BENCHMARK #10638 ELEV. 593.63'
LOCATION: NE AND NE CORNER OF IL ROUTE 83 AND
MADISON AVENUE
BENCHMARK: SQUARE CUT ON SW CORNER OF TCB

OSEH inc. 401 S CARLETON AVE SUITE 300 WILMINGTON, IL 60587 WWW.OSEHINC.COM	USER NAME = CCheong	DESIGNED - AD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 83 (SIBLEY BLVD.) & MADISON AVENUE ADA CORNER DESIGN				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN - ML	REVISED -	397						FAP 0397 23 SMART	COOK	111	69		
	PLOT SCALE = 10.002' / in.	CHECKED - MM	REVISED -		CONTRACT NO. 62V55									
	PLOT DATE = 4/21/2026	DATE = 06/06/2025	REVISED -		SCALE: 1" = 5'				SHEET 27	OF 48 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

IL ROUTE 83 (SIBLEY BLVD.)

REMOVE EXISTING
CONCRETE FOUNDATION

FRAMES AND
GRATES
TO BE
ADJUSTED



RIDGELAND AVENUE

DRIVEWAY

HMA

SIDE CURB

REBUILD EXISTING HANDHOLE

DRIVEWAY

LEGEND			
	HMA DRIVEWAY RESTORATION		SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
	PROPOSED DETECTABLE WARNING		BENCHMARK
	CLASS D PATCHES		EXISTING ELEVATION/SLOPE
	PROPOSED PCC SIDEWALK		EXISTING LENGTH

REFERENCE BENCHMARK #10638 ELEV. 593.63'
LOCATION: NE AND NE CORNER OF IL ROUTE 83 AND
RIDGELAND AVENUE
BENCHMARK: SQUARE CUT ON SW CORNER OF TCB

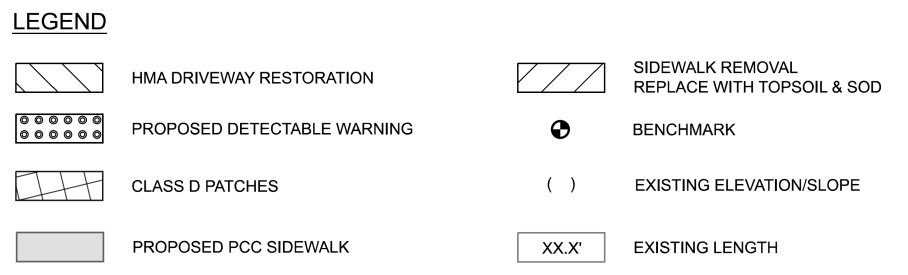
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

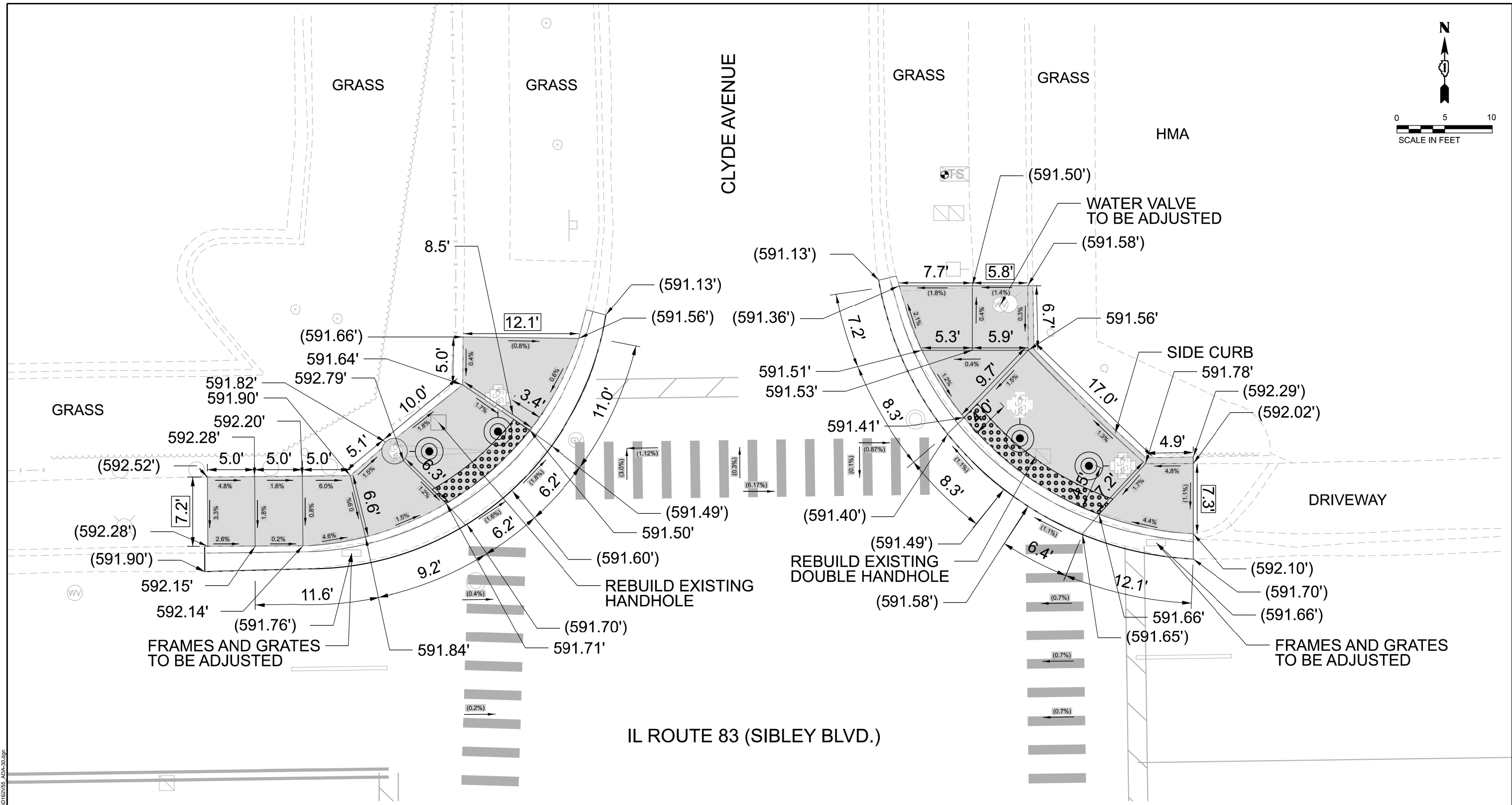
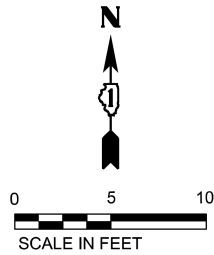
IL ROUTE 83 (SIBLEY BLVD.) & MADISON AVENUE
ADA CORNER DESIGN

SCALE: 1" = 5' SHEET 28 OF 48 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	FAP 0397 23 SMART	COOK	111	70
CONTRACT NO. 62V55				
ILLINOIS FED. AID PROJECT				

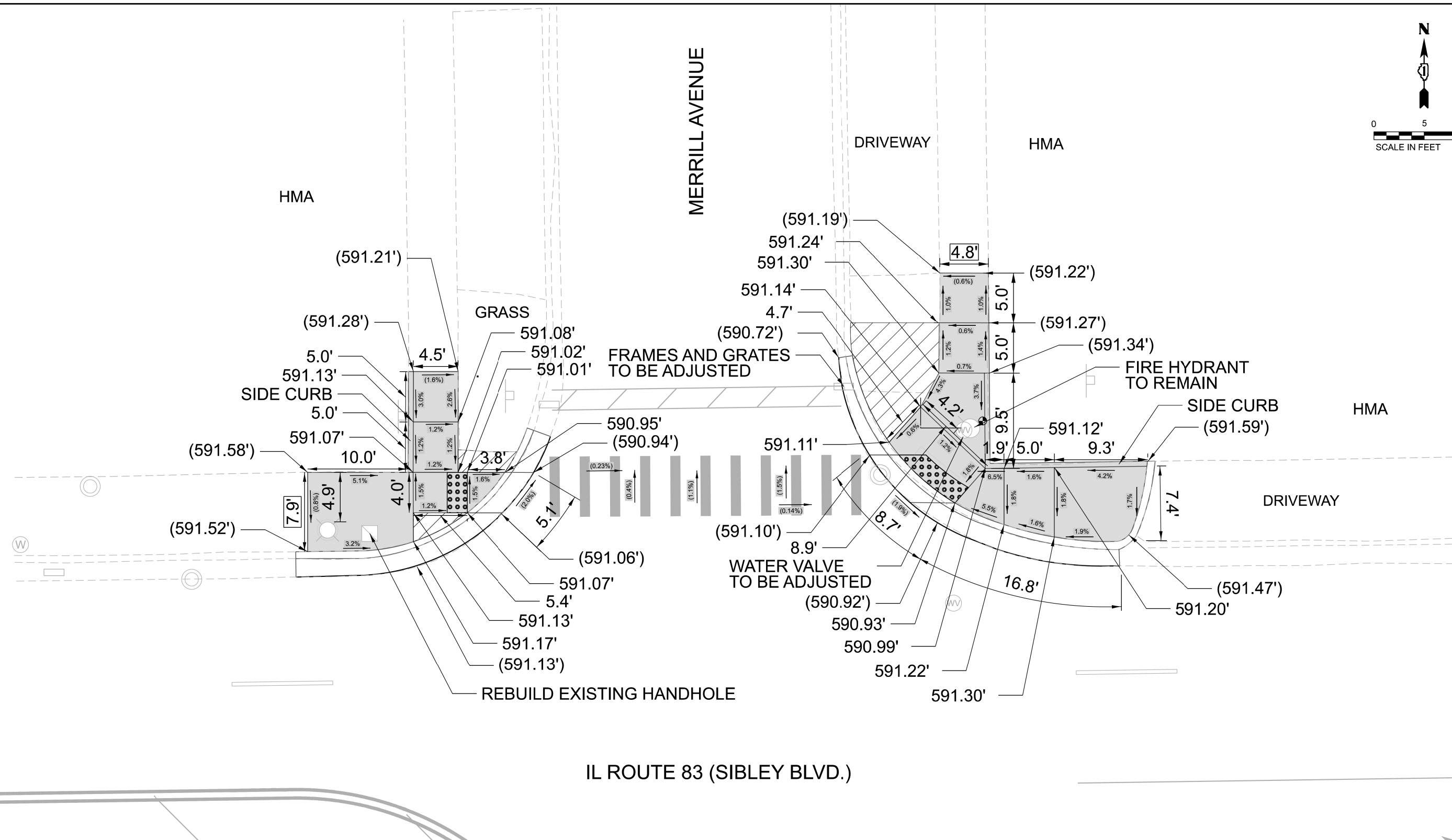


REFERENCE BENCHMARK #9522 ELEV. 593.36'
LOCATION: SE CORNER OF IL ROUTE 83 AND
JEFFERY AVENUE (HALF BLOCK SOUTH)
BENCHMARK: "X" CUT ON NE BOLT OF FIRE HYDRANT



LEGEND			
	HMA DRIVEWAY RESTORATION		SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
	PROPOSED DETECTABLE WARNING		BENCHMARK
	CLASS D PATCHES		EXISTING ELEVATION/SLOPE
	PROPOSED PCC SIDEWALK		EXISTING LENGTH

REFERENCE BENCHMARK #8725 ELEV. 591.36'
LOCATION: NE AND NE CORNER OF IL ROUTE 83 AND
CLYDE AVENUE
BENCHMARK: SQUARE CUT ON SW CORNER OF TCB



	HMA DRIVEWAY RESTORATION		SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
	PROPOSED DETECTABLE WARNING		BENCHMARK
	CLASS D PATCHES	()	EXISTING ELEVATION/SLOPE
	PROPOSED PCC SIDEWALK	XX.X'	EXISTING LENGTH

OSEH inc. 401 S CARLTON AVE
SUITE 201
WHEATON, IL 60187
WWW.OSEHINC.COM

USER NAME = CCheong	DESIGNED - AD	REVISED -
	DRAWN - ML	REVISED -
PLOT SCALE = 10.002' / in.	CHECKED - MM	REVISED -
PLOT DATE = 4/21/2026	DATE - 06/06/2025	REVISED -

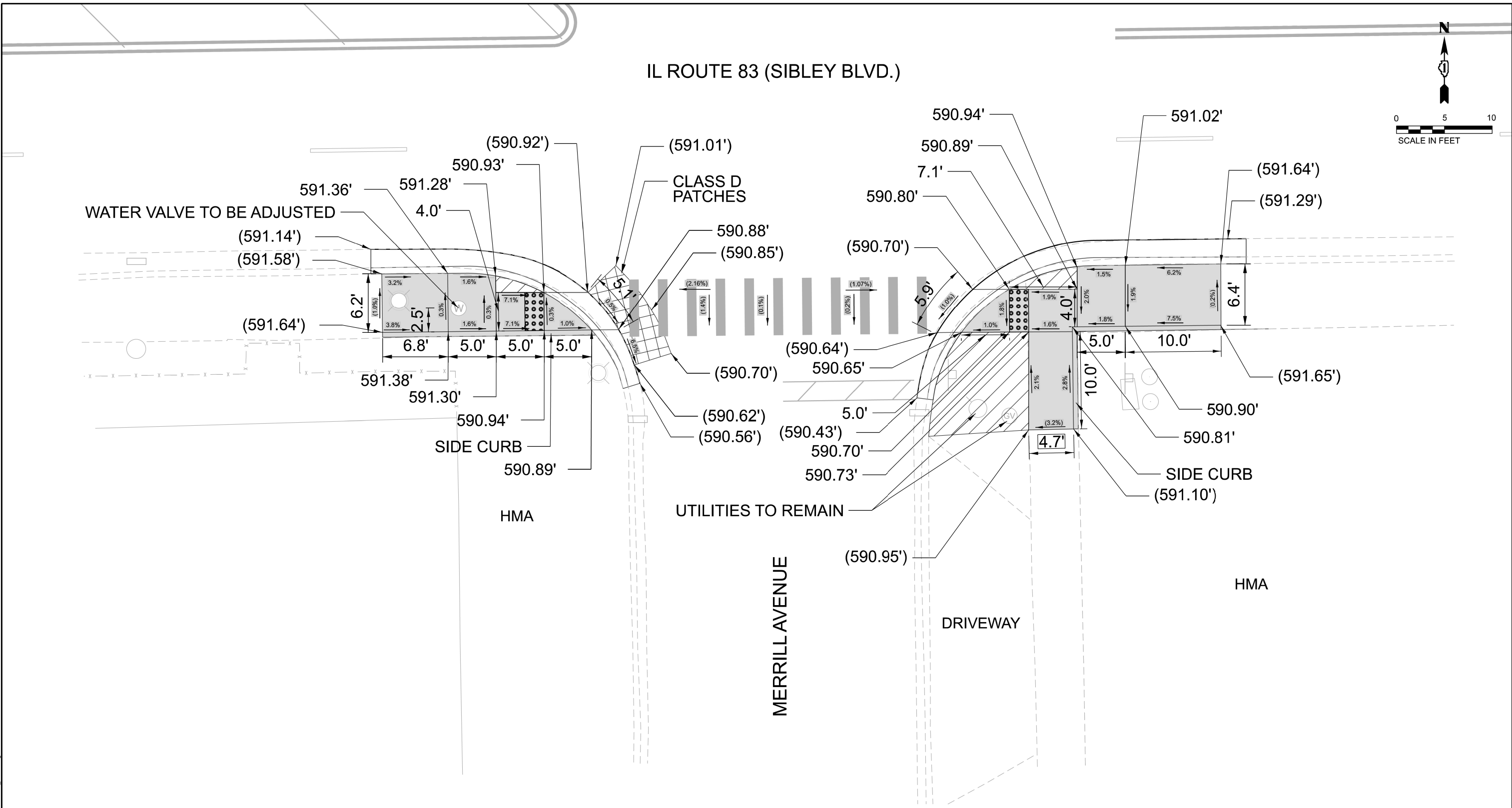
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**IL ROUTE 83 (SIBLEY BLVD.) & MERRILL AVENUE
ADA CORNER DESIGN**

SCALE: 1" = 5'	SHEET 32	OF 48 SHEETS	STA.	TO STA.
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F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	FAP 0397 23 SMART	COOK	111	74
		CONTRACT NO. 62V55		
ILLINOIS		FED. AID PROJECT		

MODEL: Default
FILE NAME: Z:\Shared\Projects\DOT\IEC-003-00003_Design\02_CADD_Sheets\12V55_ADA-33.dgn



LEGEND

- | | | | |
|--|-----------------------------|--|--|
| | HMA DRIVEWAY RESTORATION | | SIDEWALK REMOVAL
REPLACE WITH TOPSOIL & SOD |
| | PROPOSED DETECTABLE WARNING | | BENCHMARK |
| | CLASS D PATCHES | | EXISTING ELEVATION/SLOPE |
| | PROPOSED PCC SIDEWALK | | EXISTING LENGTH |

REFERENCE BENCHMARK #7598 ELEV. 593.22'
LOCATION: NE AND NE CORNER OF IL ROUTE 83 AND
MERRILL AVENUE
BENCHMARK: "X" CUT ON NE BOLT OF FIRE HYDRANT

OSEH inc.
401 S. CARLTON AVE.
SUITE 200
WILSON, IL 60187
WWW.OSEHINC.COM

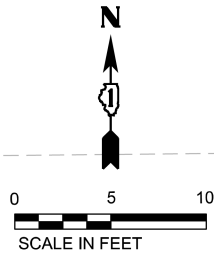
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

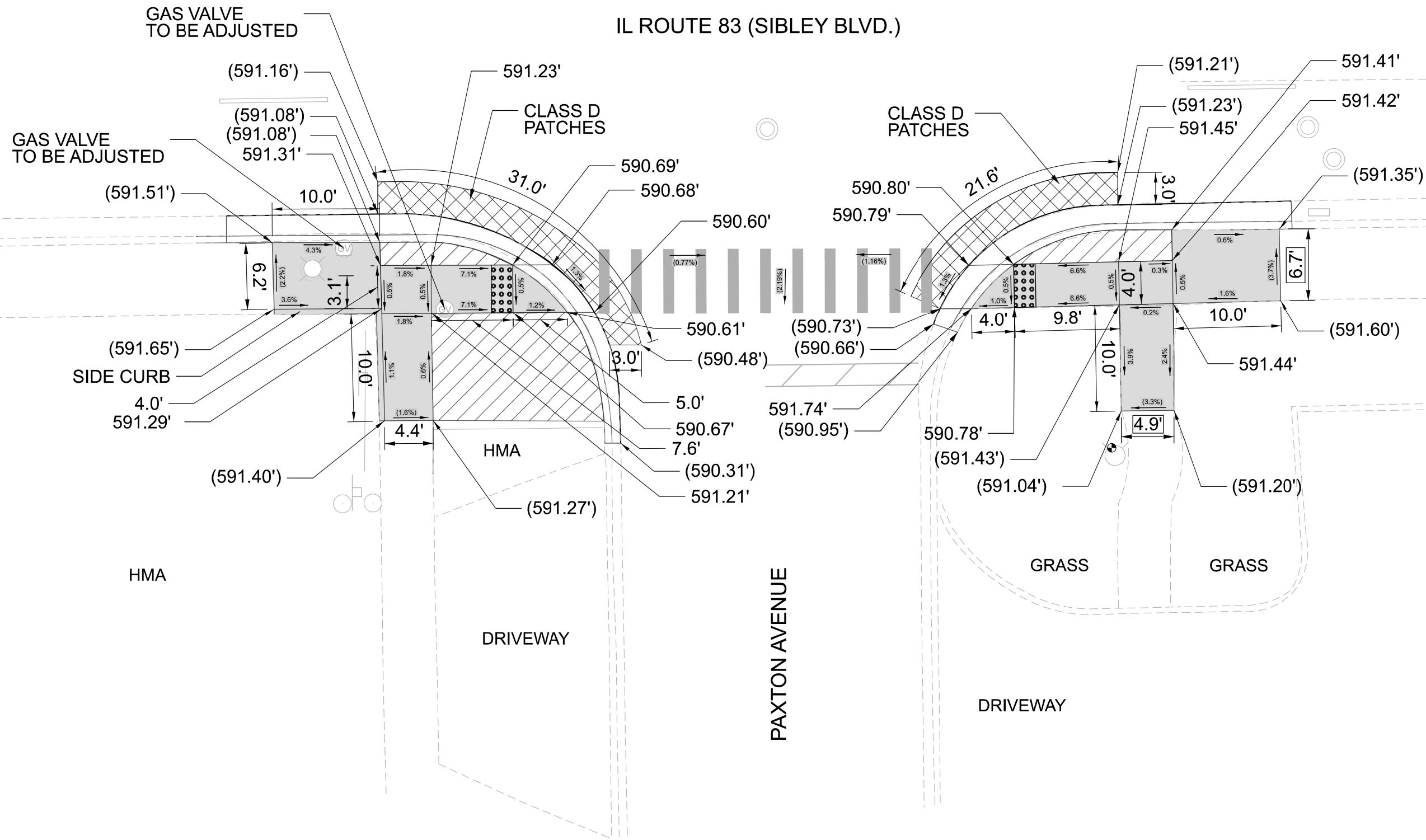
**IL ROUTE 83 (SIBLEY BLVD.) & MERRILL AVENUE
ADA CORNER DESIGN**

SCALE: 1" = 5' SHEET 33 OF 48 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	FAP 0397 23 SMART	COOK	111	75
CONTRACT NO. 62V55				
ILLINOIS FED. AID PROJECT				



IL ROUTE 83 (SIBLEY BLVD.)



LEGEND			
	HMA DRIVEWAY RESTORATION		SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
	PROPOSED DETECTABLE WARNING		BENCHMARK
	CLASS D PATCHES		EXISTING ELEVATION/SLOPE
	PROPOSED PCC SIDEWALK		EXISTING LENGTH

REFERENCE BENCHMARK #7179 ELEV. 591.39'
LOCATION: SE AND SE CORNER OF IL ROUTE 83 AND
PAXTON AVENUE
BENCHMARK: "X" CUT ON NE BOLT OF FIRE HYDRANT

OSEH inc.
401 S CARLTON AVE
SUITE 200
WILSON, IL 60157
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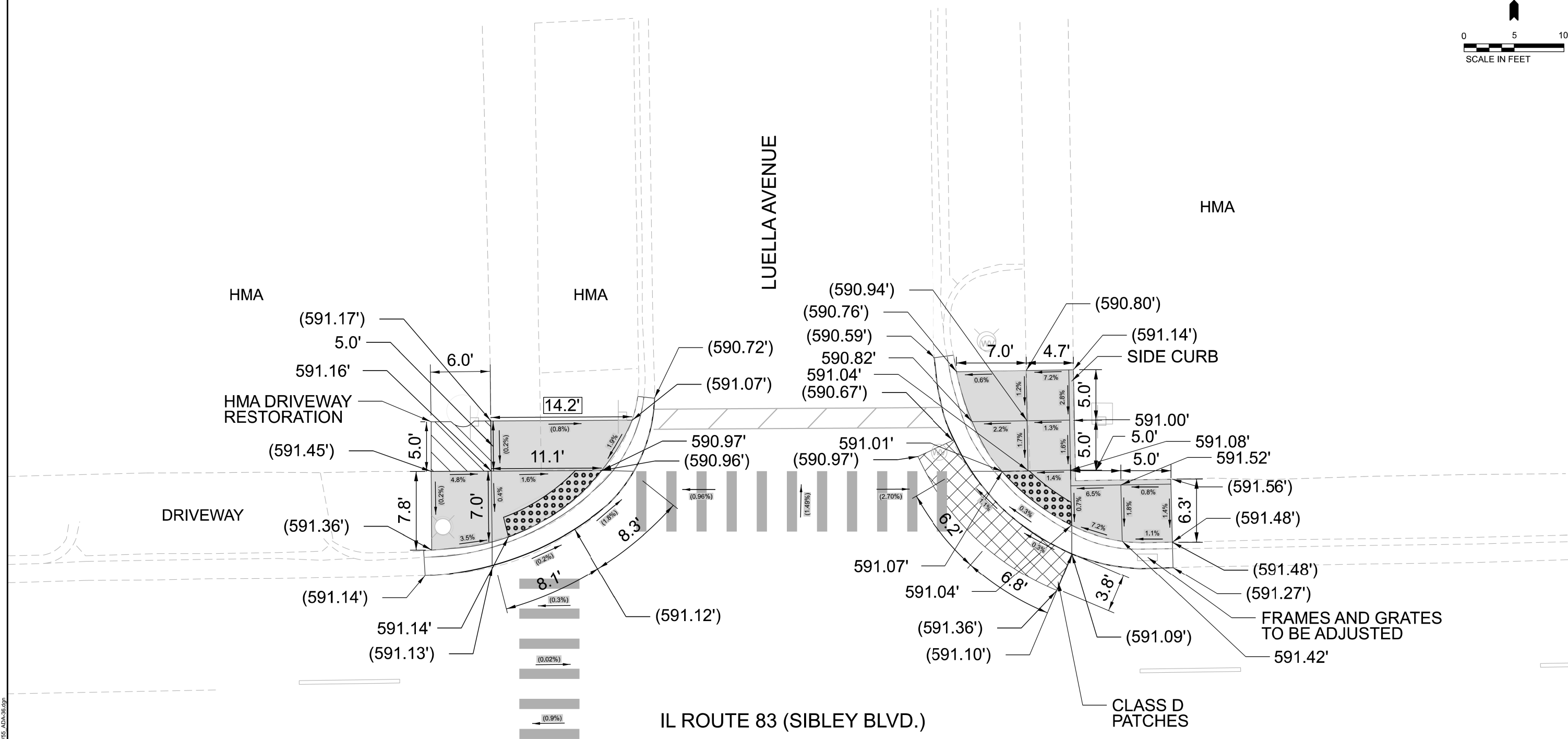
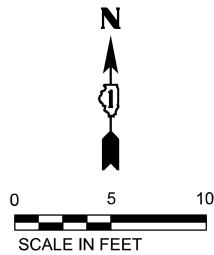
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	DRAWN - ML	REVISED -
PLOT SCALE = 10.002' / in.	CHECKED - MM	REVISED -
PLOT DATE = 4/21/2026	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 83 (SIBLEY BLVD.) & PAXTON AVENUE
ADA CORNER DESIGN

SCALE: 1" = 5' SHEET 35 OF 48 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	FAP 0397 23 SMART	COOK	111	77
CONTRACT NO. 62V55				
ILLINOIS FED. AID PROJECT				

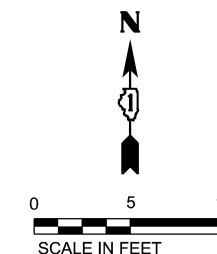


LEGEND			
	HMA DRIVEWAY RESTORATION (SEE NOTE 1)		SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
	PROPOSED DETECTABLE WARNING		BENCHMARK
	CLASS D PATCHES		EXISTING ELEVATION/SLOPE
	PROPOSED PCC SIDEWALK		EXISTING LENGTH

REFERENCE BENCHMARK #6039 ELEV. 591.83'
LOCATION: SW AND SW CORNER OF IL ROUTE 83 AND
LUELLA AVENUE
BENCHMARK: SQUARE CUT ON EAST OF LP

MODEL: Default
FILE NAME: Z:\Shared\Projects\DOT\IEC-003-00003_Design\02_CADD_Sheets\12\2\55_ADA-38.dgn

 401 S. CARLTON AVE SUITE 200 WILSON, IL 60187 WWW.OSEHINC.COM	USER NAME = CCheng		DESIGNED - AD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 83 (SIBLEY BLVD.) & LUELLA AVENUE ADA CORNER DESIGN			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			DRAWN - ML	REVISED -					397	FAP 0397 23 SMART	COOK	111	78
	PLOT SCALE = 10.002' / in.		CHECKED - MM	REVISED -					CONTRACT NO. 62V55				
	PLOT DATE = 4/21/2026		DATE -	REVISED -		SCALE: 1" = 5'	SHEET 36	OF 48 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		



IL ROUTE 83 (SIBLEY BLVD.)

— CLASS D PATCHES

WATER VALVE
TO BE ADJUSTED

DRIVEWAY

HMA

— SIDE CURB

GRASS

LUELLA AVENUE

NOTES

1. PROPOSED PAVEMENT REMOVAL
PROPOSED CONCRETE MEDIAN, TYPE SB-6.12

LEGEND

 HMA DRIVEWAY RESTORATION PROPOSED DETECTABLE WARNING

 CLASS D PATCHES



PROPOSED PCC SIDEWALK

SIDEWALK REMOVAL
REPLACE WITH TOPSOIL & SOD

 BENCHMARK

() EXISTING ELEVATION/SLOPE

XX.X' EXISTING LENGTH

OSEH inc. 401 S CARLTON AVE
SUITE 201
WHEATON, IL 60187
WWW.OSLTHINC.COM

USER NAME	= CCheong
PLOT SCALE	= 10.002' / in
PLOT DATE	= 4/21/2026

DESIGNED	-	AD
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CHECKED	-	MM
DATE	-	06/06/

REVISED	-
REVISED	-
REVISED	-
REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

**IL ROUTE 83 (SIBLEY BLVD.) & LUELLA AVENUE
ADA CORNER DESIGN**

SCALE: 1" = 5'

	SHEET 37
--	----------

OF 48 SHEETS

S	STA
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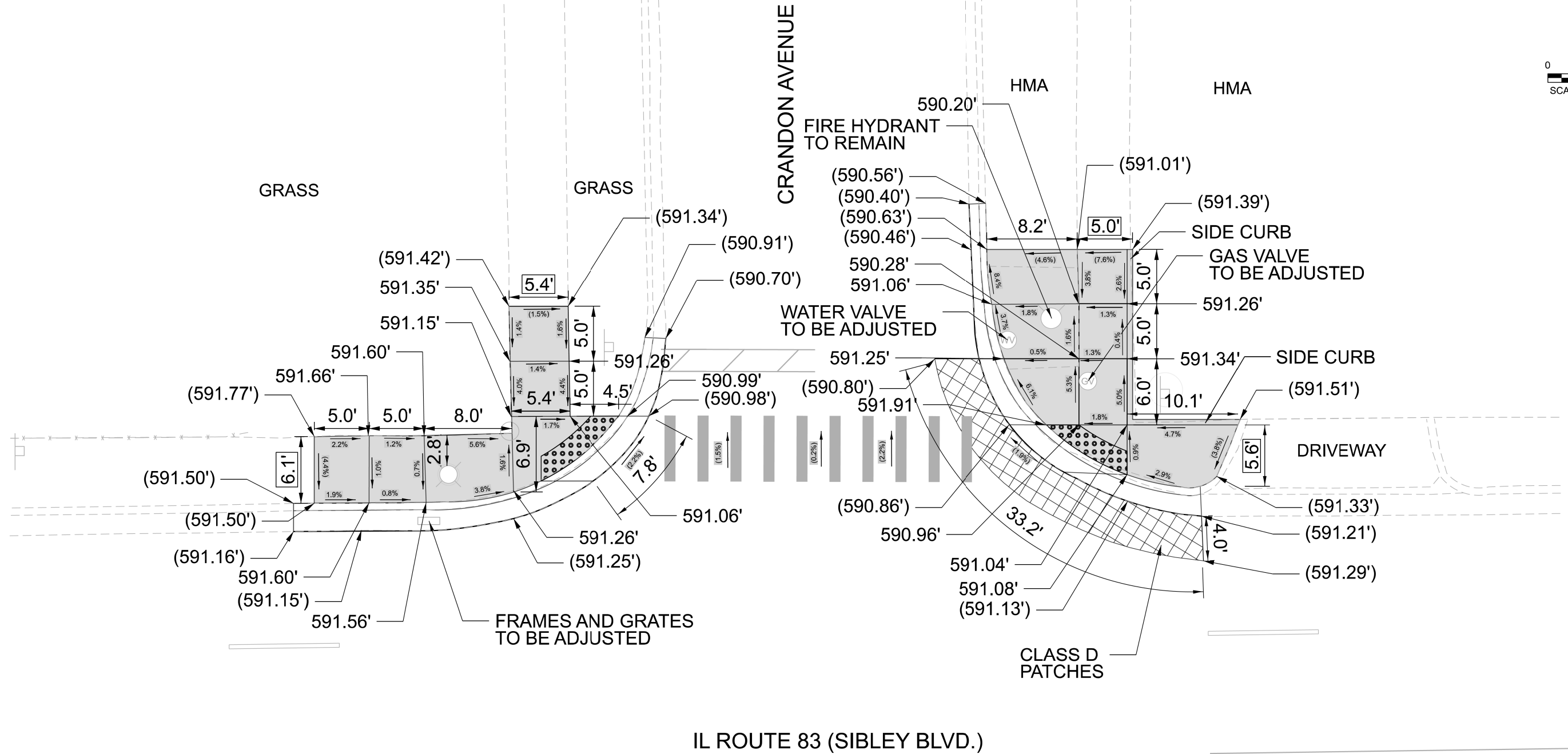
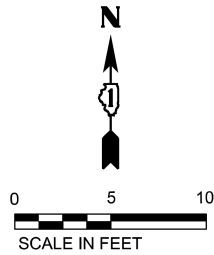
TO STA.

	F.A.P RTE.
	397

SECTION	
FAP 0397 23 SMART	
	ILLINOIS FE

	COUNTY	TOTAL SHEETS	SHEET NO.
	COOK	111	79
	CONTRACT NO. 62V55		

REFERENCE BENCHMARK #6039 ELEV. 591.83'
LOCATION: SW AND SW CORNER OF IL ROUTE 83 AND
LUELLA AVENUE
BENCHMARK: SQUARE CUT ON EAST OF LP



LEGEND

	HMA DRIVEWAY RESTORATION		SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
	PROPOSED DETECTABLE WARNING		BENCHMARK
	CLASS D PATCHES		EXISTING ELEVATION/SLOPE
	PROPOSED PCC SIDEWALK		EXISTING LENGTH

REFERENCE BENCHMARK #5400 ELEV. 591.55'
LOCATION: SE AND SE CORNER OF IL ROUTE 83 AND
CRANDON AVENUE
BENCHMARK: "X" CUT ON NE BOLT OF FIRE HYDRANT

OSEH inc.
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SUITE 200
WILSON, IL 60187
WWW.OSEHINC.COM

USER NAME = CCheng	DESIGNED - AD	REVISED -
	DRAWN - ML	REVISED -
PLOT SCALE = 10.002' / in.	CHECKED - MM	REVISED -
PLOT DATE = 4/21/2026	DATE - 06/06/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

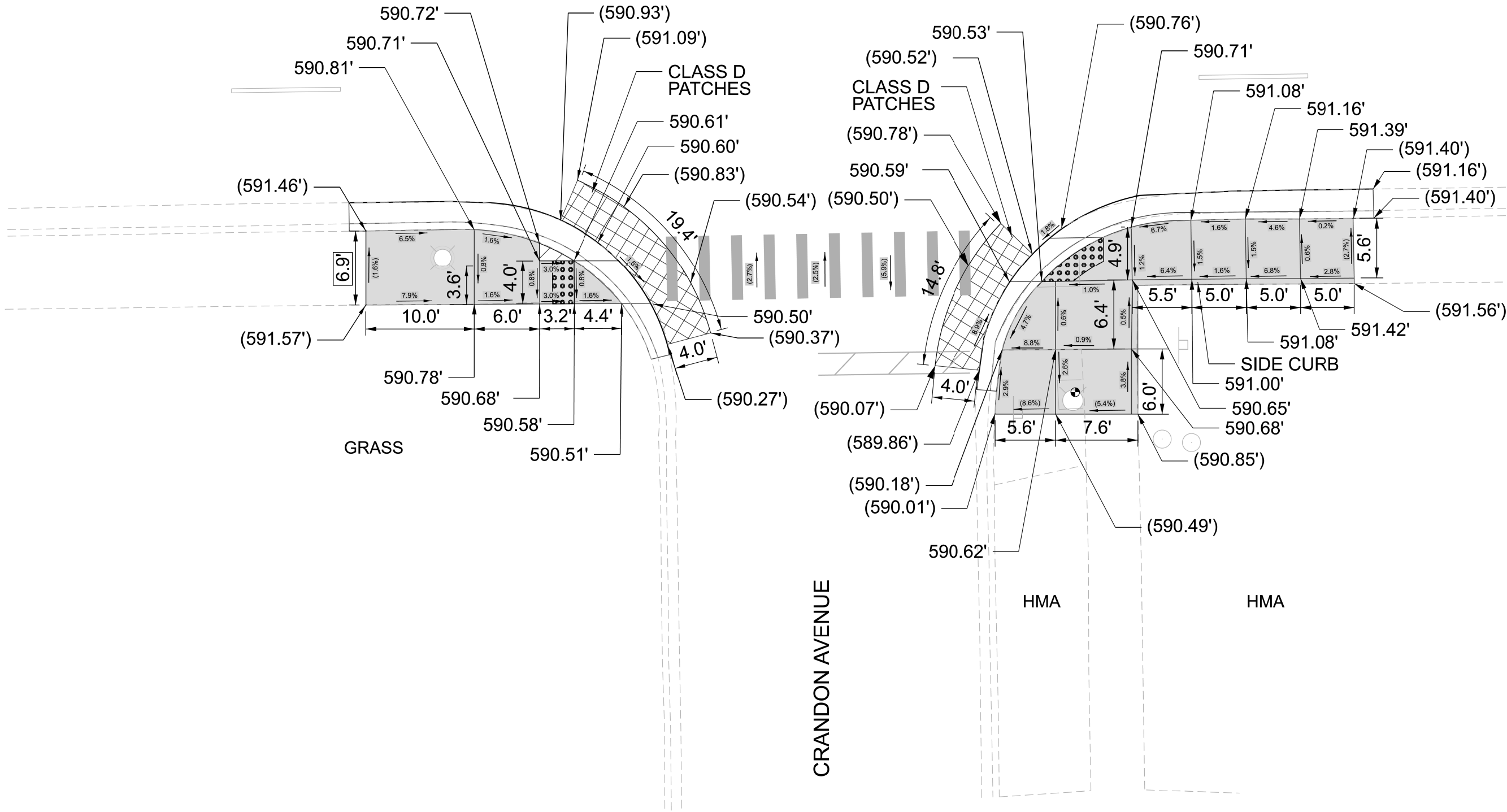
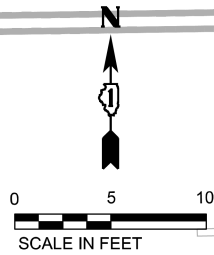
IL ROUTE 83 (SIBLEY BLVD.) & CRANDON AVENUE
ADA CORNER DESIGN

SCALE: 1" = 5'	SHEET 38	OF 48 SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	FAP 0397 23 SMART	COOK	111	80
CONTRACT NO. 62V55				
ILLINOIS FED. AID PROJECT				

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IL ROUTE 83 (SIBLEY BLVD.)



LEGEND

	HMA DRIVEWAY RESTORATION		SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
	PROPOSED DETECTABLE WARNING		BENCHMARK
	CLASS D PATCHES		EXISTING ELEVATION/SLOPE
	PROPOSED PCC SIDEWALK		EXISTING LENGTH

REFERENCE BENCHMARK #5400 ELEV. 591.55'
LOCATION: SE AND SE CORNER OF IL ROUTE 83 AND
CRANDON AVENUE
BENCHMARK: "X" CUT ON NE BOLT OF FIRE HYDRANT

OSEH inc.
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SUITE 200
WILSON, IL 60157
WWW.OSEHINC.COM

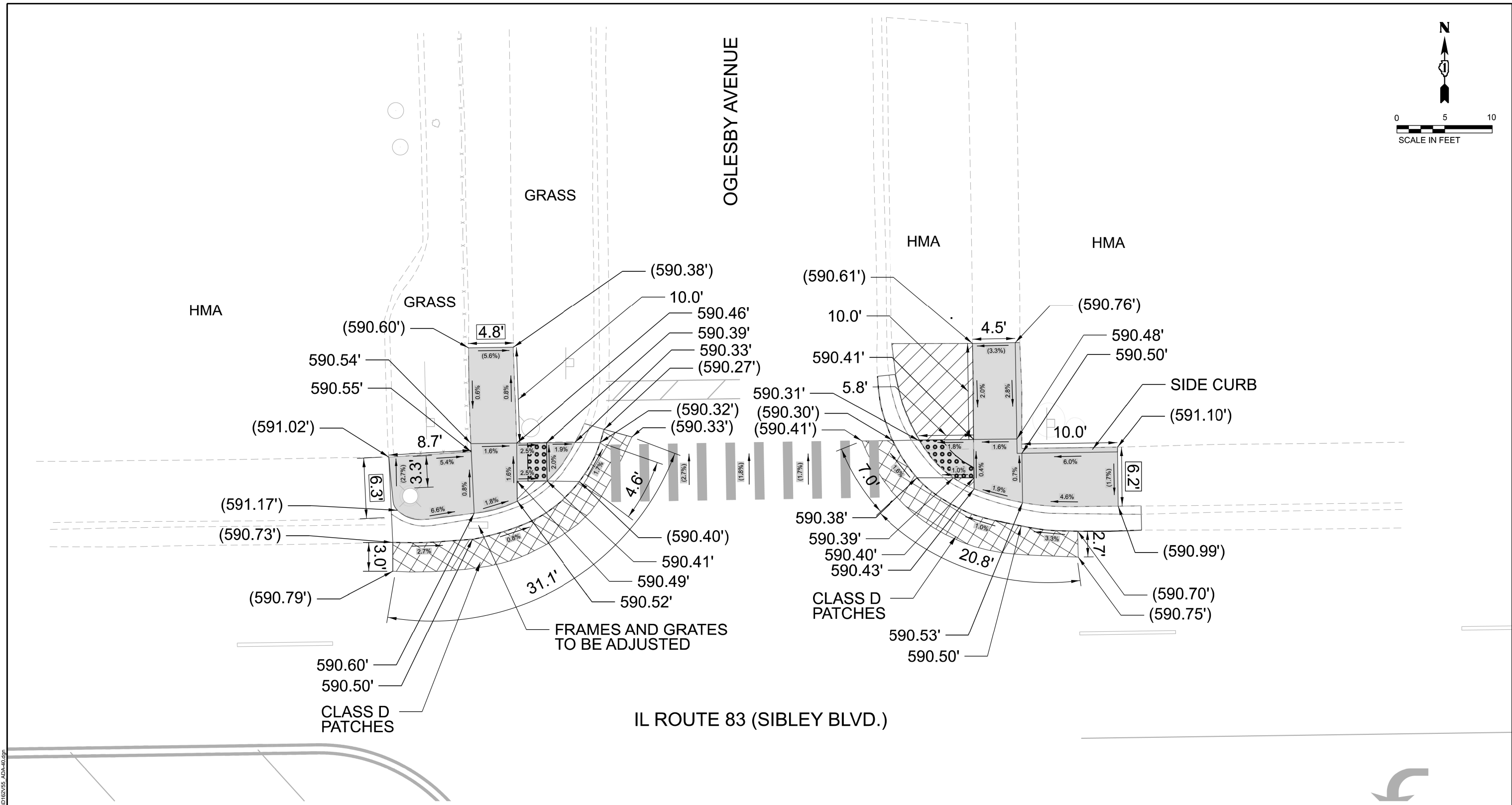
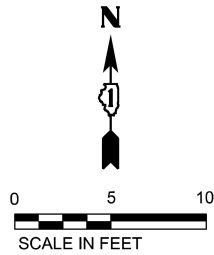
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	DRAWN - ML	REVISED -
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PLOT DATE = 4/21/2026	DATE - 06/06/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 83 (SIBLEY BLVD.) & CRANDON AVENUE
ADA CORNER DESIGN

SCALE: 1" = 5' SHEET 39 OF 48 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	FAP 0397 23 SMART	COOK	111	81
CONTRACT NO. 62V55				
ILLINOIS FED. AID PROJECT				



LEGEND

- | | | | |
|--|-----------------------------|--|--|
| | HMA DRIVEWAY RESTORATION | | SIDEWALK REMOVAL
REPLACE WITH TOPSOIL & SOD |
| | PROPOSED DETECTABLE WARNING | | BENCHMARK |
| | CLASS D PATCHES | | EXISTING ELEVATION/SLOPE |
| | PROPOSED PCC SIDEWALK | | EXISTING LENGTH |

REFERENCE BENCHMARK #4631 ELEV. 591.90'
LOCATION: SE AND SE CORNER OF IL ROUTE 83 AND
OGLESBY AVENUE
BENCHMARK: "X" CUT ON NE BOLT OF FIRE HYDRANT

OSEH inc.
401 S. CARLTON AVE.
SUITE 200
WILSON, IL 60157
WWW.OSEHINC.COM

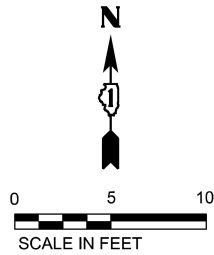
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PLOT DATE = 4/21/2026	DATE - 06/06/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 83 (SIBLEY BLVD.) & OGLESBY AVENUE
ADA CORNER DESIGN

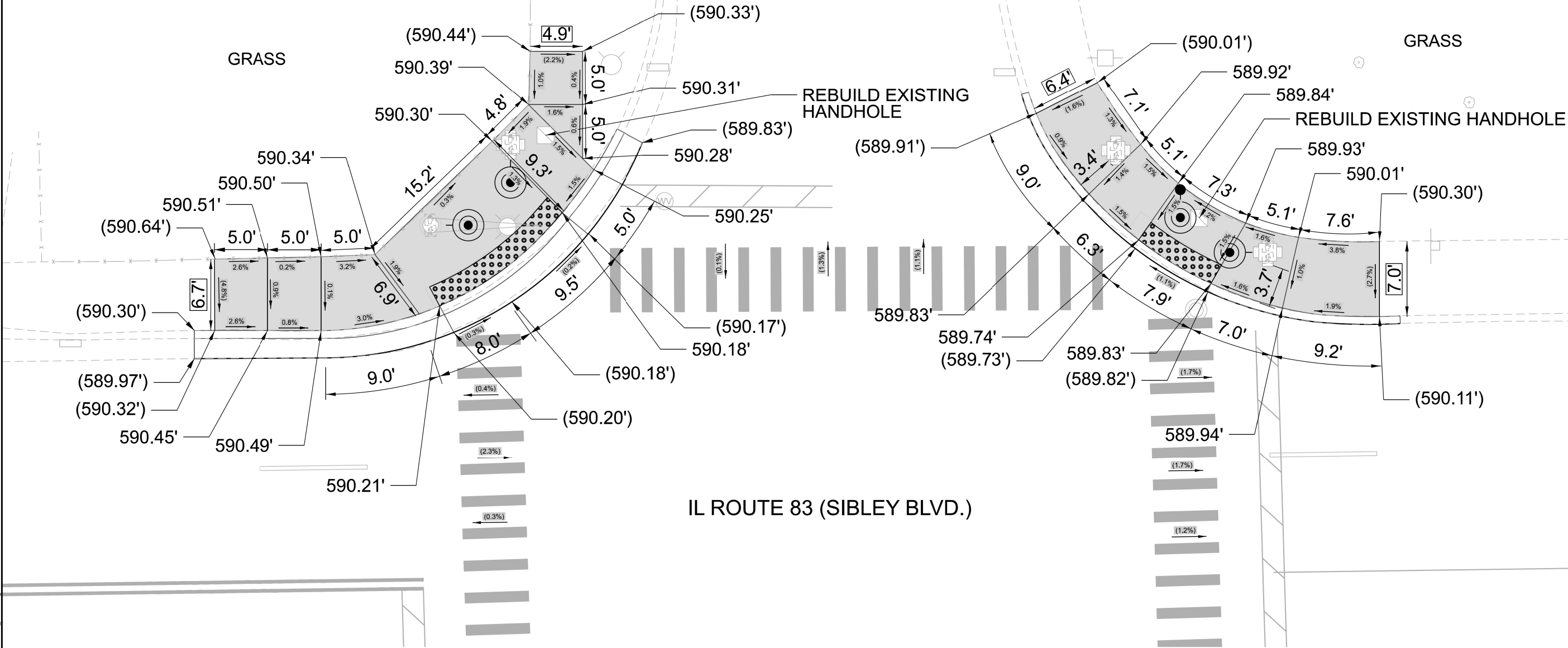
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F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	FAP 0397 23 SMART	COOK	111	82
CONTRACT NO. 62V55				
ILLINOIS FED. AID PROJECT				



YATES AVENUE

IL ROUTE 83 (SIBLEY BLVD.)



LEGEND

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|--|-----------------------------|--|--|
| | HMA DRIVEWAY RESTORATION | | SIDEWALK REMOVAL
REPLACE WITH TOPSOIL & SOD |
| | PROPOSED DETECTABLE WARNING | | BENCHMARK |
| | CLASS D PATCHES | | EXISTING ELEVATION/SLOPE |
| | PROPOSED PCC SIDEWALK | | EXISTING LENGTH |

REFERENCE BENCHMARK #3723 ELEV. 590.33'
LOCATION: SW AND SW CORNER OF IL ROUTE 83 AND
YATES AVENUE
BENCHMARK: SQUARE CUT ON NW CORNER OF TCB

OSEH inc.

USER NAME = CCheng	DESIGNED - AD	REVISED -
DRAWN - ML	REVISED -	
PLOT SCALE = 10.002' / in.	CHECKED - MM	REVISED -
PLOT DATE = 4/21/2026	DATE - 06/06/2025	REVISED -

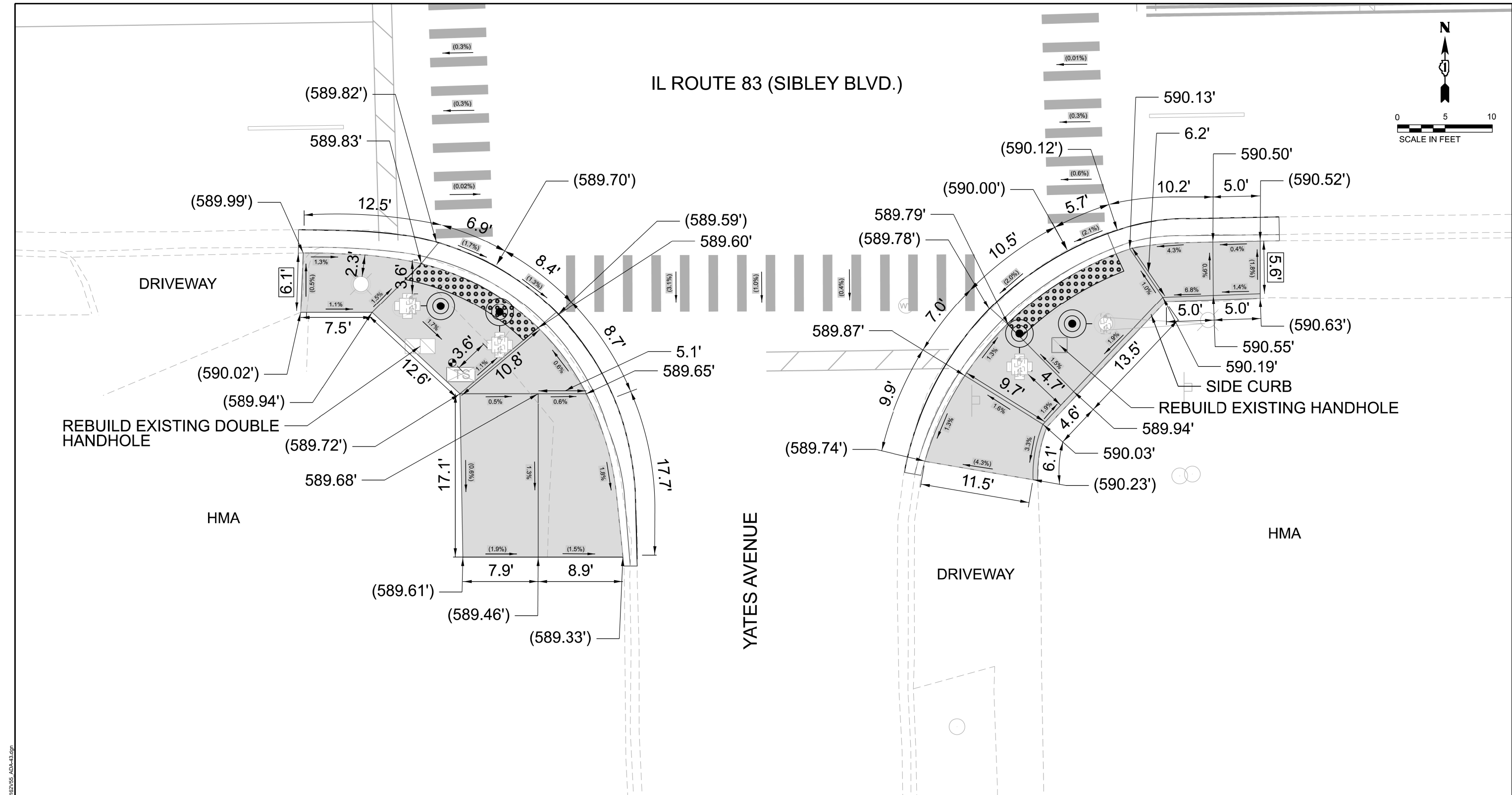
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 83 (SIBLEY BLVD.) & YATES AVENUE
ADA CORNER DESIGN

SCALE: 1" = 5' SHEET 42 OF 48 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	FAP 0397 23 SMART	COOK	111	84
CONTRACT NO. 62V55				
ILLINOIS FED. AID PROJECT				

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LEGEND

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| | HMA DRIVEWAY RESTORATION | | SIDEWALK REMOVAL
REPLACE WITH TOPSOIL & SOD |
| | PROPOSED DETECTABLE WARNING | | BENCHMARK |
| | CLASS D PATCHES | | EXISTING ELEVATION/SLOPE |
| | PROPOSED PCC SIDEWALK | | EXISTING LENGTH |

REFERENCE BENCHMARK #3723 ELEV. 590.33'
LOCATION: SW AND SW CORNER OF IL ROUTE 83 AND
YATES AVENUE
BENCHMARK: SQUARE CUT ON NW CORNER OF TCB

OSEH inc.
401 S. CARLTON AVE
SUITE 200
WILSON, IL 60187
WWW.OSEHINC.COM

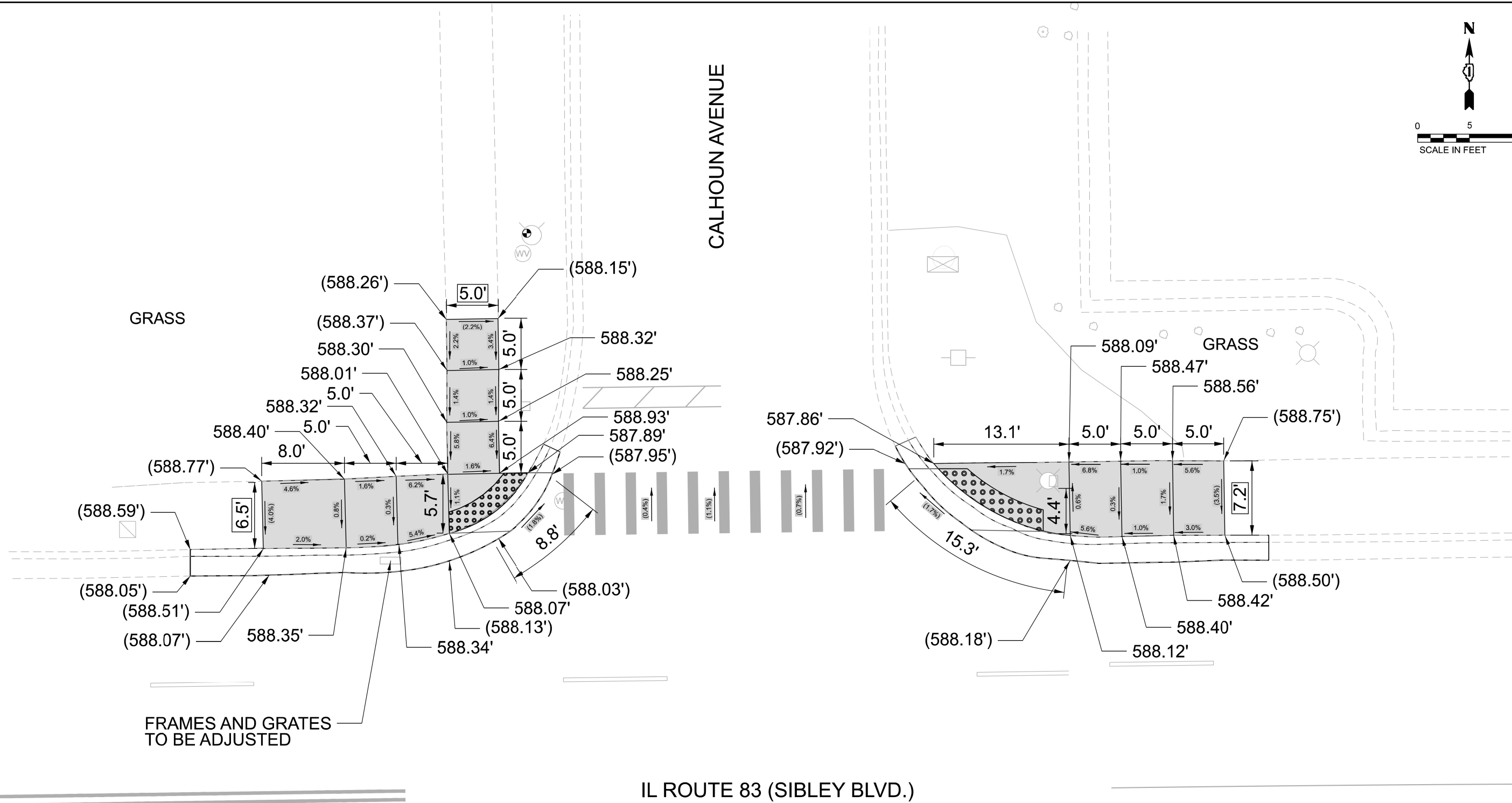
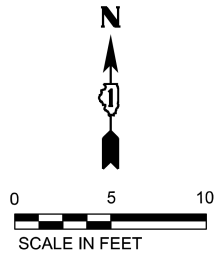
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PLOT DATE = 4/21/2026	DATE - 06/06/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 83 (SIBLEY BLVD.) & YATES AVENUE
ADA CORNER DESIGN

SCALE: 1" = 5' SHEET 43 OF 48 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	FAP 0397 23 SMART	COOK	111	85
CONTRACT NO. 62V55				
ILLINOIS FED. AID PROJECT				



LEGEND

- | | | | |
|--|-----------------------------|--|--|
| | HMA DRIVEWAY RESTORATION | | SIDEWALK REMOVAL
REPLACE WITH TOPSOIL & SOD |
| | PROPOSED DETECTABLE WARNING | | BENCHMARK |
| | CLASS D PATCHES | | EXISTING ELEVATION/SLOPE |
| | PROPOSED PCC SIDEWALK | | EXISTING LENGTH |

REFERENCE BENCHMARK #2815 ELEV. 590.14'
LOCATION: NW AND NW CORNER OF IL ROUTE 83 AND
CALHOON AVENUE
BENCHMARK: "X" CUT ON NE BOLT OF FIRE HYDRANT

OSEH inc.
401 S. CARLTON AVE.
SUITE 200
WILSON, IL 60187
WWW.OSEHINC.COM

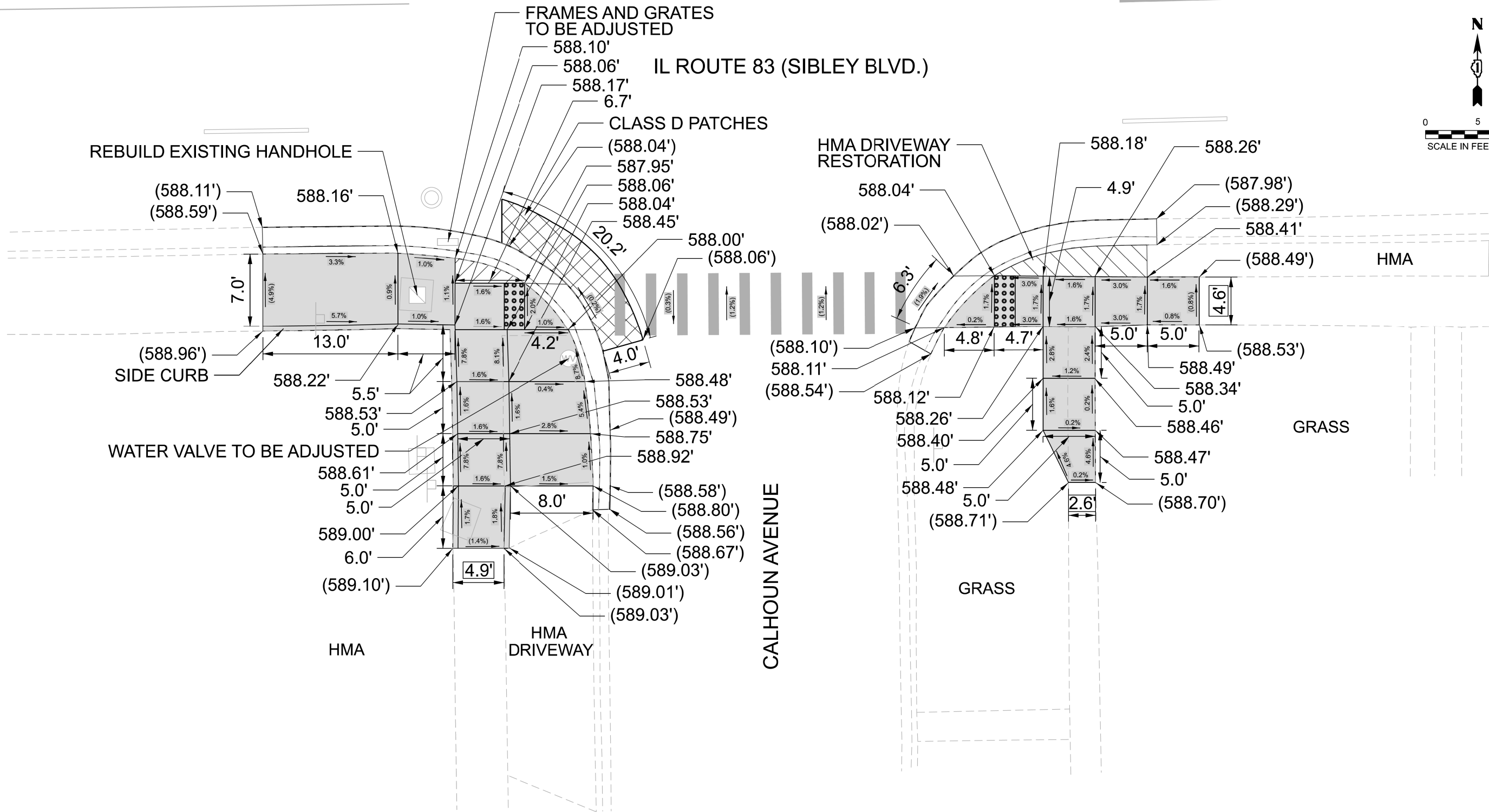
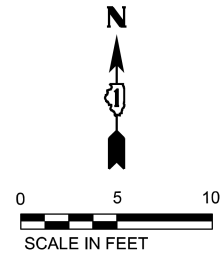
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PLOT DATE = 4/21/2026	DATE - 06/06/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 83 (SIBLEY BLVD.) & CALHOON AVENUE
ADA CORNER DESIGN

SCALE: 1" = 5' SHEET 45 OF 48 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	FAP 0397 23 SMART	COOK	111	87
CONTRACT NO. 62V55				
ILLINOIS FED. AID PROJECT				



LEGEND

- | | | | |
|--|---------------------------------------|--|--|
| | HMA DRIVEWAY RESTORATION (SEE NOTE 1) | | SIDEWALK REMOVAL
REPLACE WITH TOPSOIL & SOD |
| | PROPOSED DETECTABLE WARNING | | BENCHMARK |
| | CLASS D PATCHES | | EXISTING ELEVATION/SLOPE |
| | PROPOSED PCC SIDEWALK | | EXISTING LENGTH |

REFERENCE BENCHMARK #2815 ELEV. 590.14'
LOCATION: NW AND NW CORNER OF IL ROUTE 83 AND
CALHOON AVENUE
BENCHMARK: "X" CUT ON NE BOLT OF FIRE HYDRANT

OSEH inc.
401 S. CARLTON AVE.
SUITE 200
WILSON, IL 60187
WWW.OSEHINC.COM

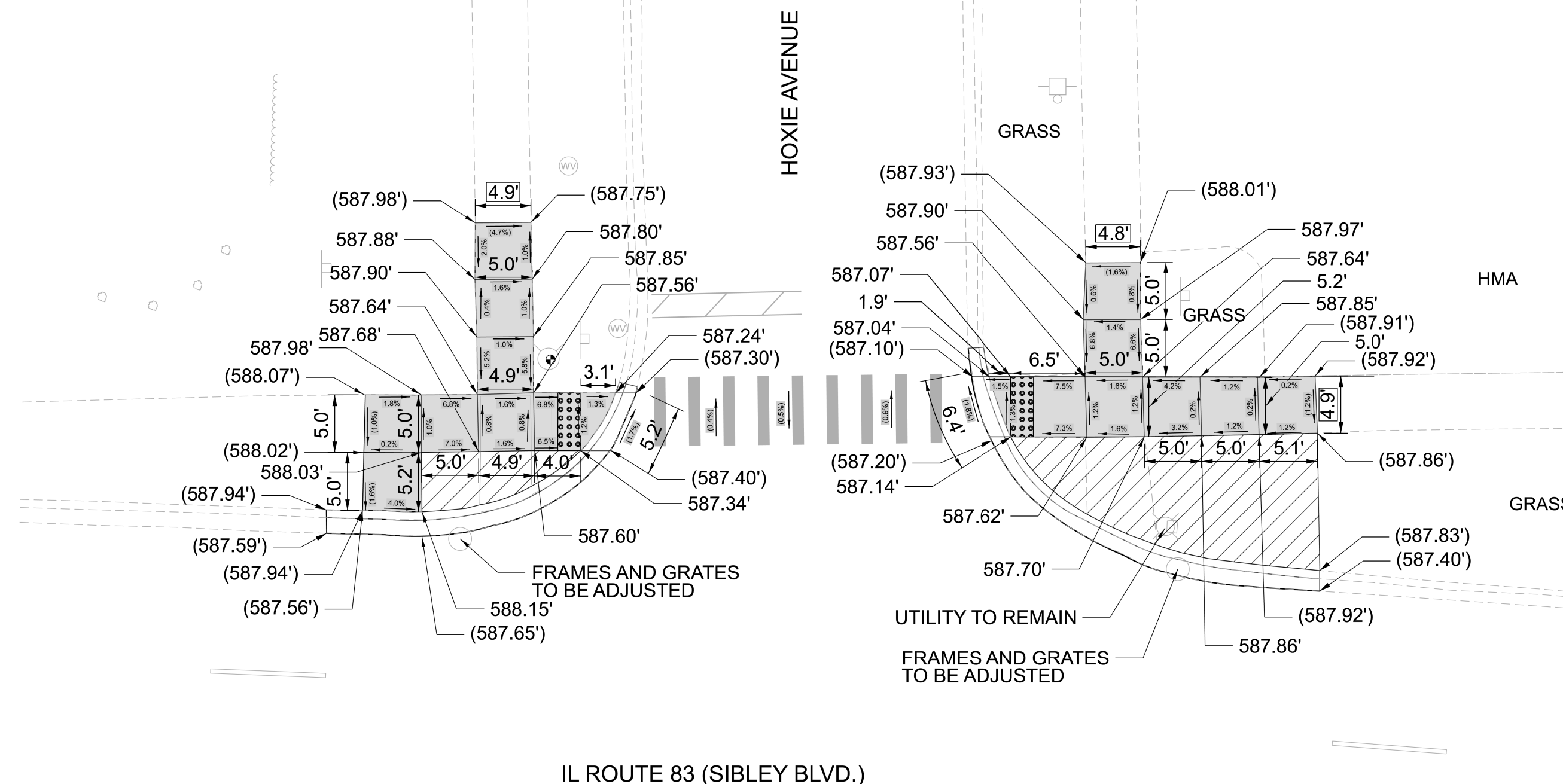
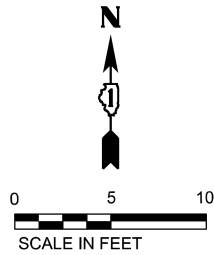
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PLOT DATE = 4/21/2026	DATE - 06/06/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 83 (SIBLEY BLVD.) & CALHOON AVENUE
ADA CORNER DESIGN

SCALE: 1" = 5' SHEET 46 OF 48 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	FAP 0397 23 SMART	COOK	111	88
CONTRACT NO. 62V55				
ILLINOIS FED. AID PROJECT				



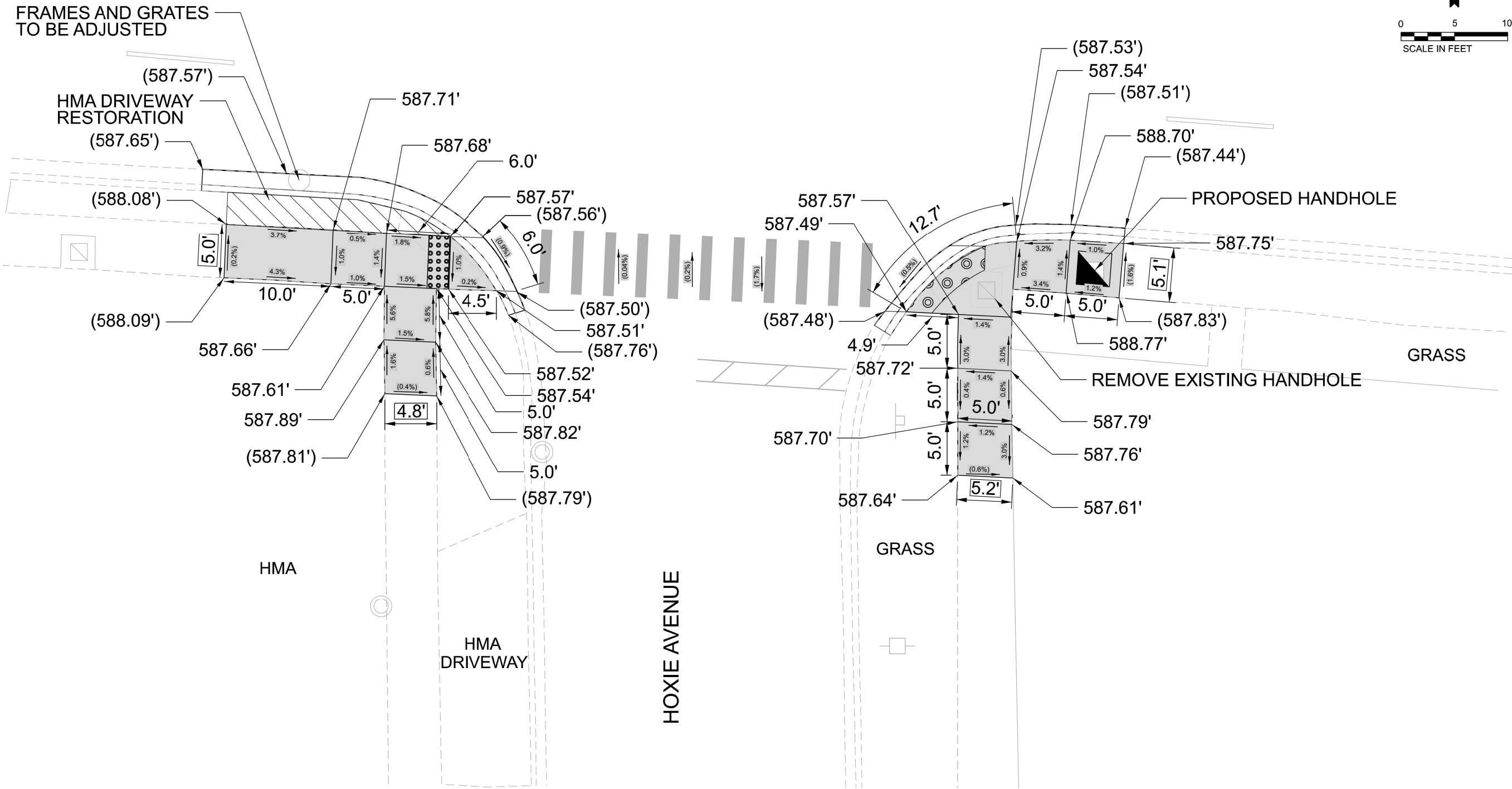
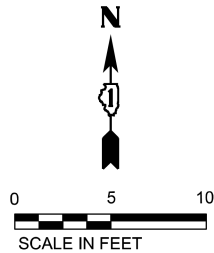
LEGEND			
	HMA DRIVEWAY RESTORATION		SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
	PROPOSED DETECTABLE WARNING		BENCHMARK
	CLASS D PATCHES		EXISTING ELEVATION/SLOPE
	PROPOSED PCC SIDEWALK		EXISTING LENGTH

REFERENCE BENCHMARK #1451 ELEV. 588.66'
LOCATION: NW AND NW CORNER OF IL ROUTE 83 AND
HOXIE AVENUE
BENCHMARK: "X" CUT ON NE BOLT OF FIRE HYDRANT

MODEL: Default
FILE NAME: Z:\Shared\Projects\DOT\IEC-003-00003_Design\02_CADD_Sheets\12V55_ADA-47.dgn

OSEH inc. 401 S CARLTON AVE SUITE 200 WILSON, IL 60187 WWW.OSEHINC.COM	USER NAME = CCheng	DESIGNED - AD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL ROUTE 83 (SIBLEY BLVD.) & HOXIE AVENUE ADA CORNER DESIGN				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 4/21/2026	DATE = 06/06/2025	REVISED -		ILLINOIS FED. AID PROJECT								
SCALE: 1" = 5'				SHEET 47 OF 48 SHEETS		STA.		TO STA.					

IL ROUTE 83 (SIBLEY BLVD.)



LEGEND

	HMA DRIVEWAY RESTORATION (SEE NOTE 1)		SIDWALK REMOVAL REPLACE WITH TOPSOIL & SOD
	PROPOSED DETECTABLE WARNING		BENCHMARK
	CLASS D PATCHES		EXISTING ELEVATION/SLOPE
	PROPOSED PCC SIDEWALK		EXISTING LENGTH

REFERENCE BENCHMARK #1451 ELEV. 588.66'
LOCATION: NW AND NW CORNER OF IL ROUTE 83 AND
HOXIE AVENUE
BENCHMARK: "X" CUT ON NE BOLT OF FIRE HYDRANT

OSEH inc.

USER NAME = CCheng
DESIGNED - AD
DRAWN - ML
CHECKED - MM
DATE -
PLOT SCALE = 10.002' / in.
PLOT DATE = 4/21/2026

DESIGNED - AD
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

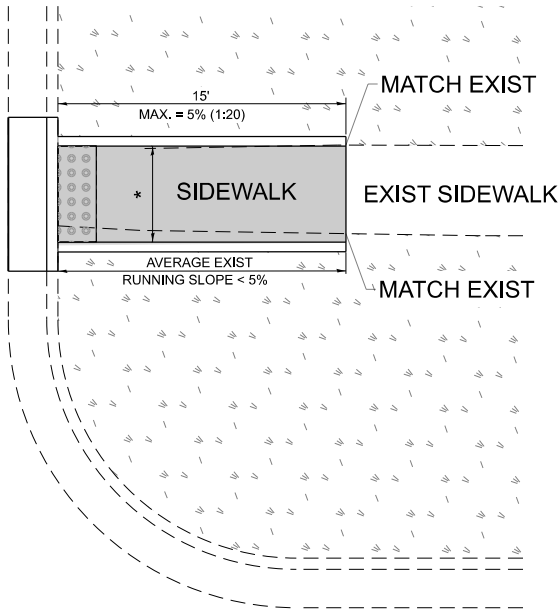
IL ROUTE 83 (SIBLEY BLVD.) & HOXIE AVENUE
ADA CORNER DESIGN

SCALE: 1" = 5' SHEET 48 OF 48 SHEETS STA. TO STA.

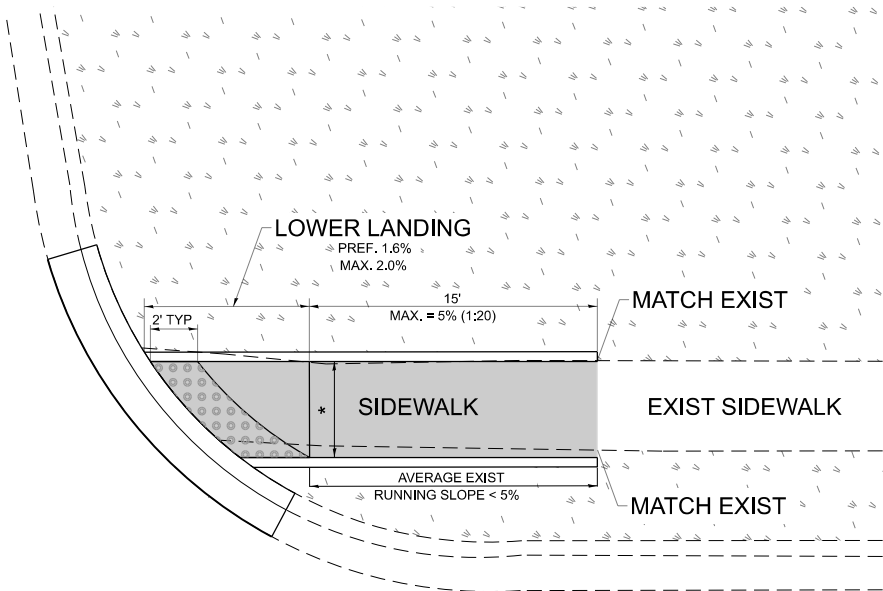
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397	FAP 0397 23 SMART	COOK	111	90
CONTRACT NO. 62V55				
ILLINOIS FED. AID PROJECT				

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

PD-01A



PD-01B



LEGEND

- 

PROPOSED SIDE CURB
- 

EXIST. GRASS
- 

PROPOSED SIDEWALK
- 

DETECTABLE WARNINGS

CONSTRUCTION NOTES:

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

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	CHECKED	-				REVISED	-	
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

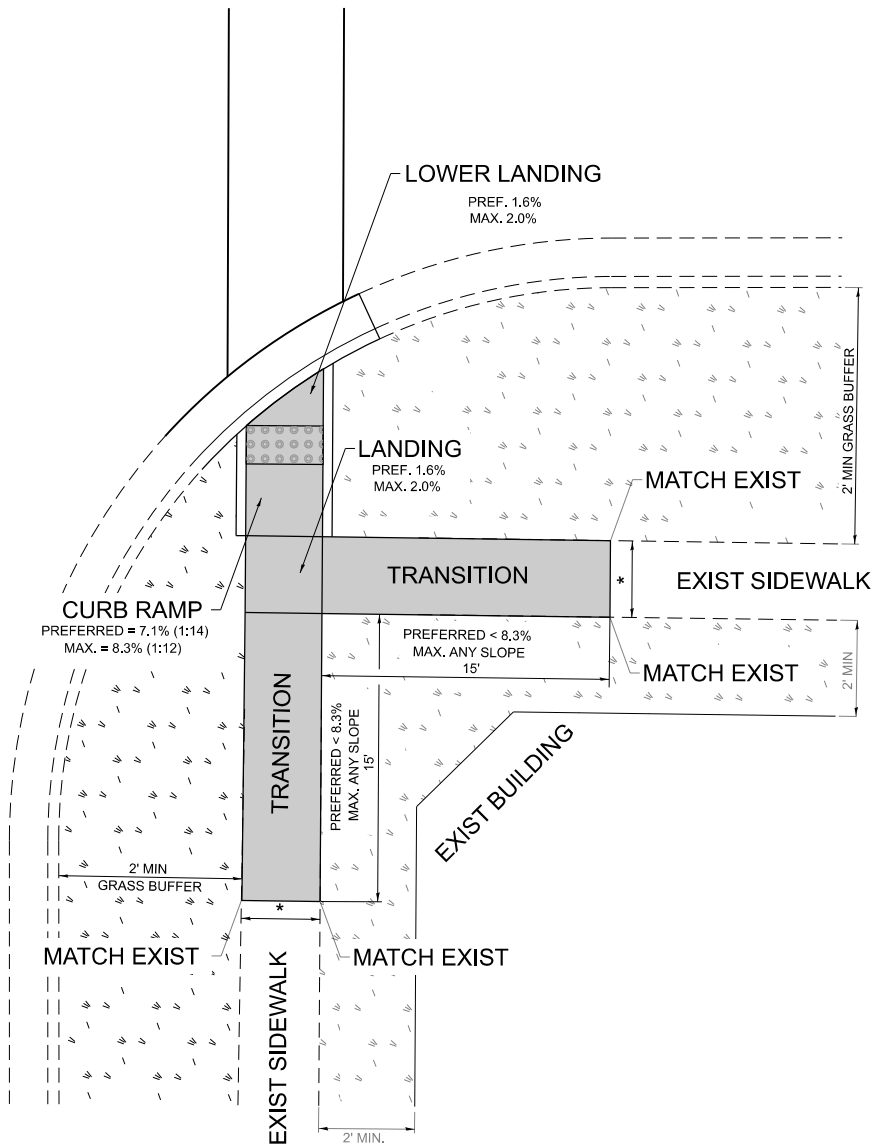
PROJECT DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS
(PD-01)

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

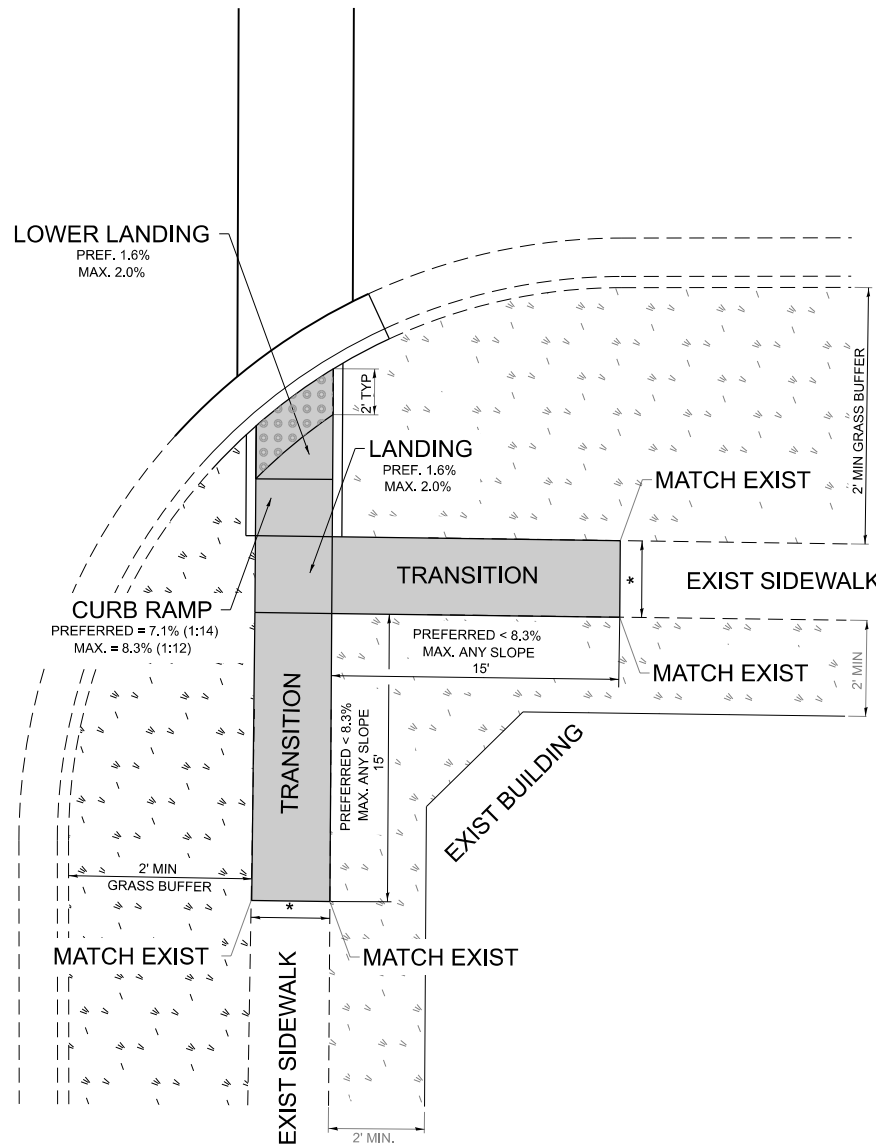
F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	FAP 0397 23 SMART	COOK	111	91
PD-01		CONTRACT NO. 62V55		
ILLINOIS		FED. AID PROJECT		

ADA DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS W/ TURNING SPACE

PD-04A



PD-04B



LEGEND

PROPOSED SIDE CURB



EXIST. GRASS



PROPOSED SIDEWALK



DETECTABLE WARNINGS

CONSTRUCTION NOTES:

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

* MATCH EXISTING SIDEWALK WIDTH

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

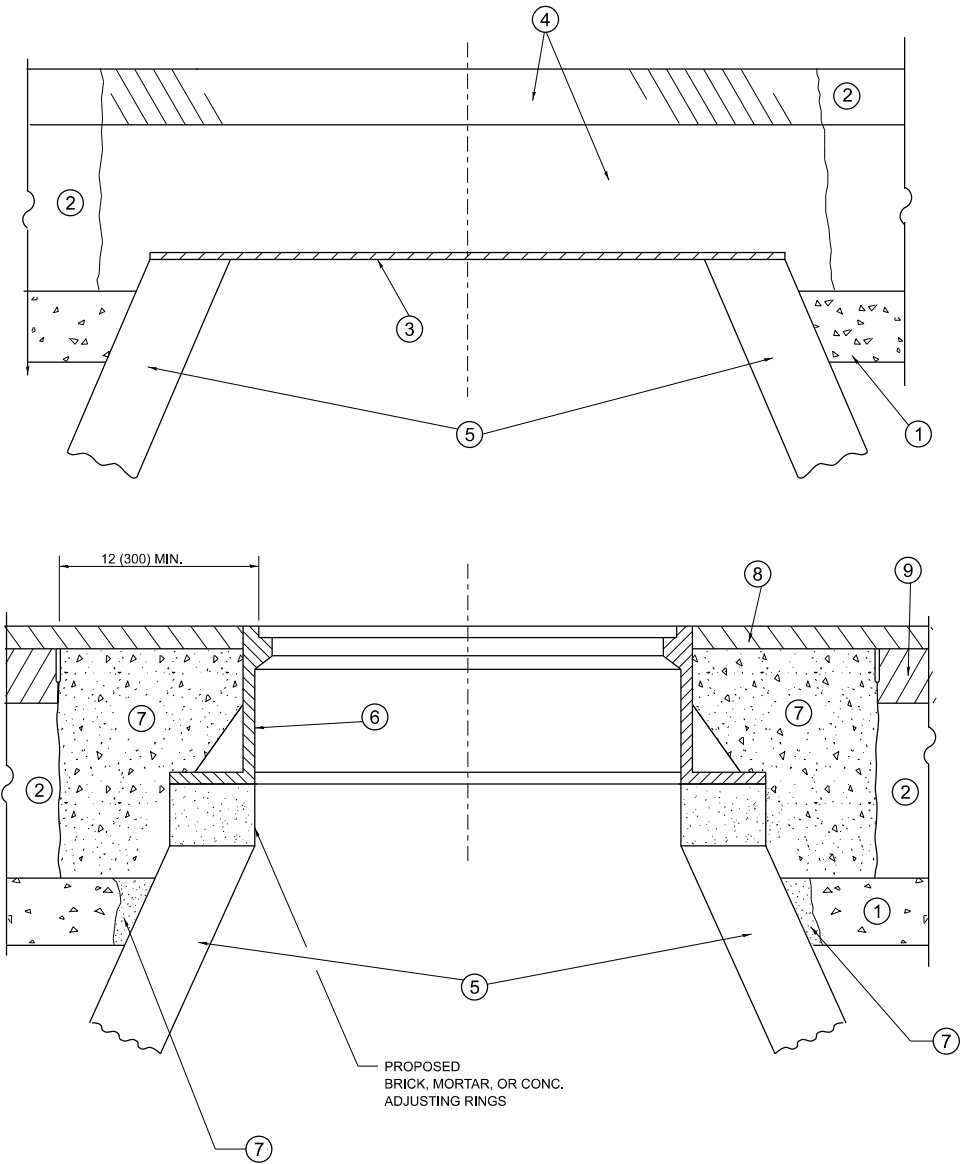
PROJECT DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS WITH
TURNING SPACE (PD-04)

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

USER NAME = nicholas.babul	DESIGNED -
	DRAWN - R. LEDEZMA
	CHECKED -
PLOT DATE = 6/24/2026	DATE - 10/02/2019

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	FAP 0397 23 SMART	COOK	111	92
PD-04		CONTRACT NO. 62V55		
ILLINOIS		FED. AID PROJECT		

MODEL: BD-8 [Sheet]
FILE NAME: c:\p\work\pwt\ch-nicholas.babul\illinois.gov\09187844\103324-sh-Dis\dis.dgn



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.
- THE CONTRACTOR SHALL REMOVE ALL TRAFFIC CONTROL DEVICES BY THE END OF EACH WORK SHIFT.

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. 3 (80) 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-2* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

*UNLESS OTHERWISE SPECIFIED IN THE PLANS.

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

LEGEND

- | | |
|--|-------------------------------|
| ① SUB-BASE GRANULAR MATERIAL | ⑥ FRAME AND LID (SEE NOTES) |
| ② EXISTING PAVEMENT | ⑦ CLASS PP-2* 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

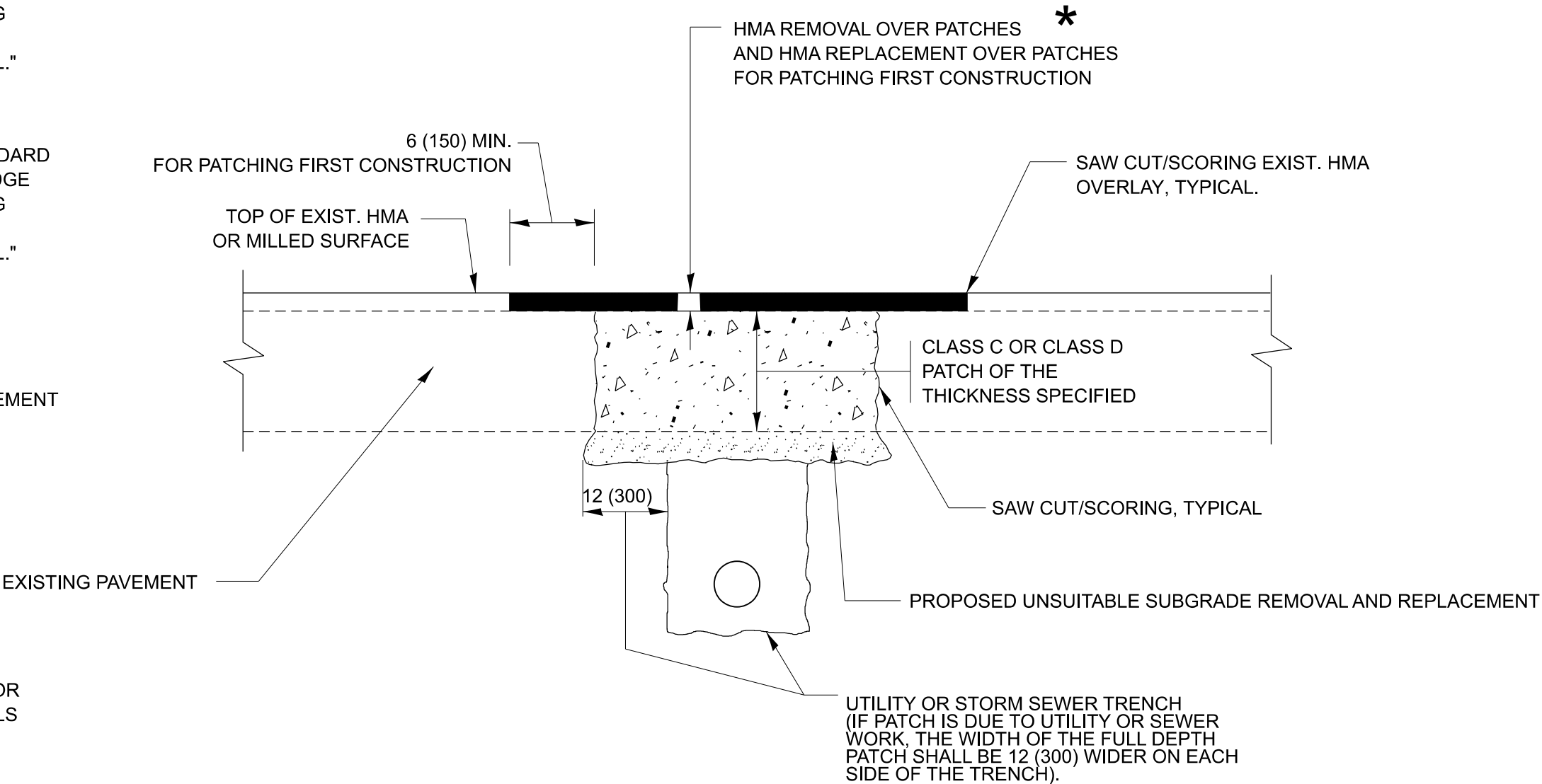
	USER NAME = nicholas.babul	DESIGNED - R. SHAH	REVISED - R. BORO 03-09-11	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING			F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - R. BORO 12-06-11					397	FAP 0397 23 SMART	COOK	111	93
		CHECKED -	REVISED - K. SMITH 11-18-22		BD600-03 (BD-08)			CONTRACT NO. 62V55				
	PLOT DATE = 6/24/2026	DATE - 10-25-94	REVISED - K. SMITH 09-15-23		SCALE: NONE	SHEET 1	OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

METHOD OF MEASUREMENT

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

BASIS OF PAYMENT

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



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

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

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

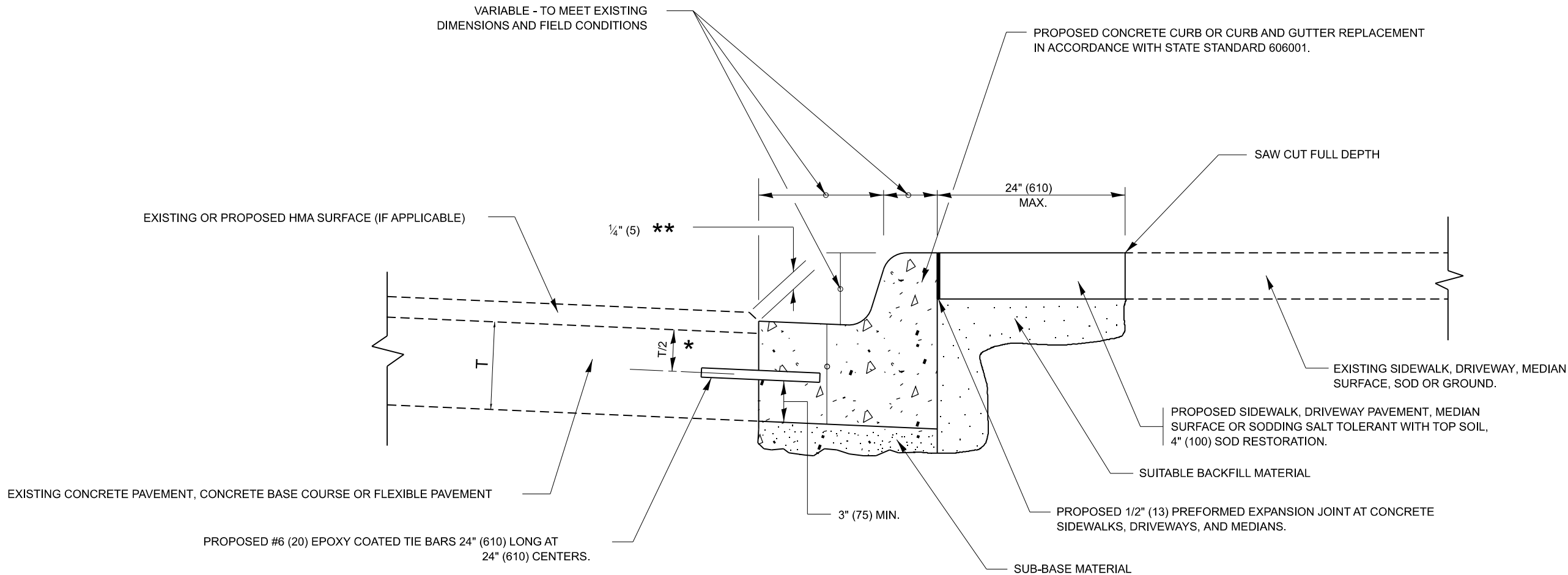
- 1. MILL HMA FIRST IF THERE IS AT LEAST 4 1/2 INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
- 2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

MODEL: BD-22 (Sheet)
FILE NAME: c:\pav_work\pav\wd\in\cholas.babul\01103324-sh-Ds\Sds.dgn

	USER NAME = nicholas.babul	DESIGNED - R. SHAH	REVISED - R. BORO 01-01-07	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - R. BORO 09-04-07						397	FAP 0397 23 SMART	COOK	111	94
		CHECKED -	REVISED - K. ENG 10-27-08						BD400-04 (BD-22)		CONTRACT NO. 62V55		
	PLOT DATE = 6/24/2026	DATE - 10-25-94	REVISED - K. SMITH 11-18-22						ILLINOIS FED. AID PROJECT				
									SCALE: NONE	SHEET 1	OF 1	SHEETS	STA.

MODEL: BD-24 [Sheet]
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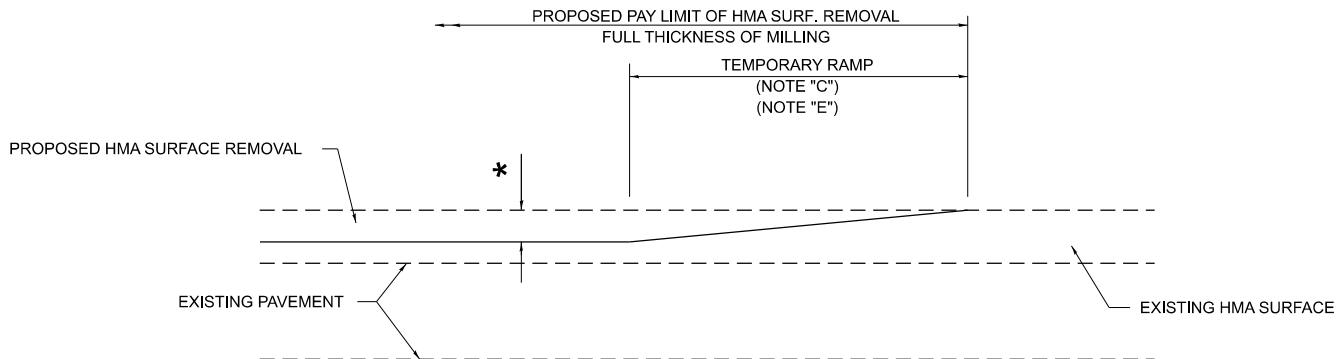
* 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.

** 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

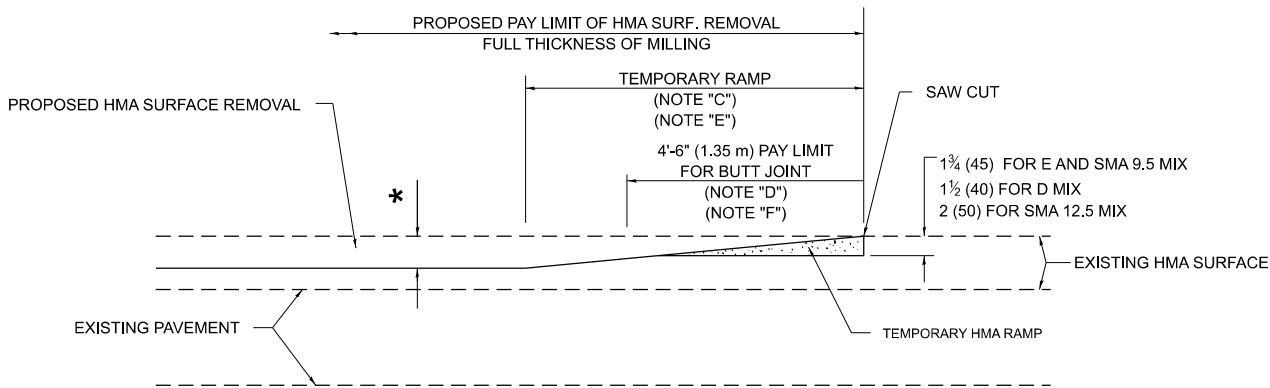
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)
UNLESS OTHERWISE SHOWN.

	USER NAME = nicholas.babul	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.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - M. GOMEZ 01-22-01							397	FAP 0397 23 SMART	COOK	111	95
		CHECKED -	REVISED - R. BORO 12-15-09							BD600-06 (BD-24)		CONTRACT NO. 62V55		
	PLOT DATE = 6/24/2026	DATE - 03-11-94	REVISED - K. SMITH 07-11-19		ILLINOIS FED. AID PROJECT									
							SCALE: NONE	SHEET 1	OF 1	SHEETS	STA.	TO STA.		



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

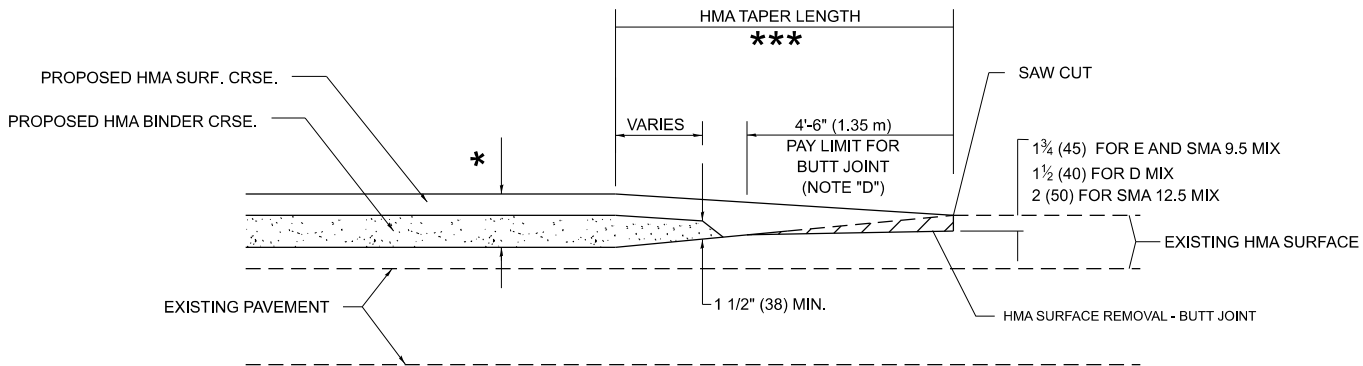
OPTION 1



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

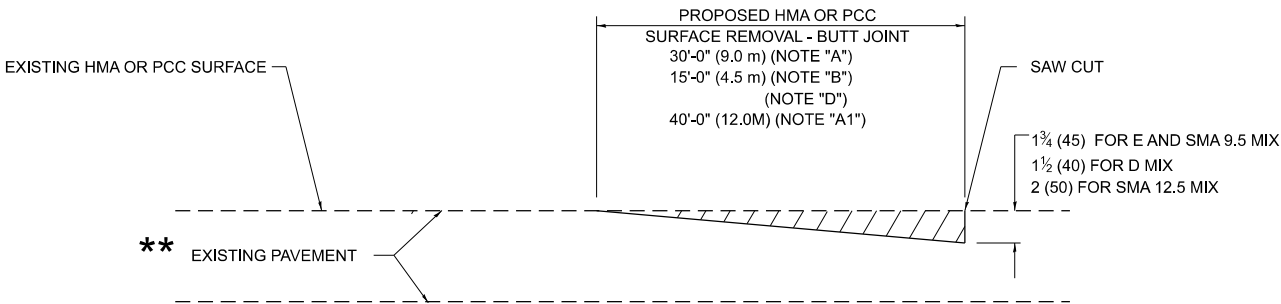
OPTION 2

TYPICAL TEMPORARY RAMP

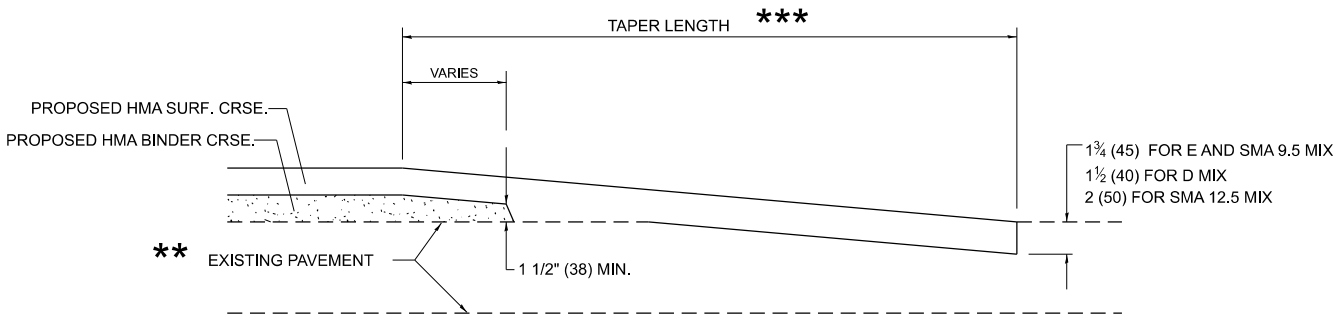


**BUTT JOINT AND
HMA TAPER**

**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: BD-32 [Sheet]
FILE NAME: c:\pav_work\pav\chris.nicholas.babul\illinois.gov\0818784\D103324-sh-BD32.dgn

USER NAME	= nicholas.babul	DESIGNED	- M. DE YONG	REVISED	- A. ABBAS 03-21-97
		DRAWN	-	REVISED	- M. GOMEZ 04-06-01
		CHECKED	-	REVISED	- R. BORO 01-01-07
PLOT DATE	= 6/24/2026	DATE	- 06-13-90	REVISED	- K. SMITH 11-18-22

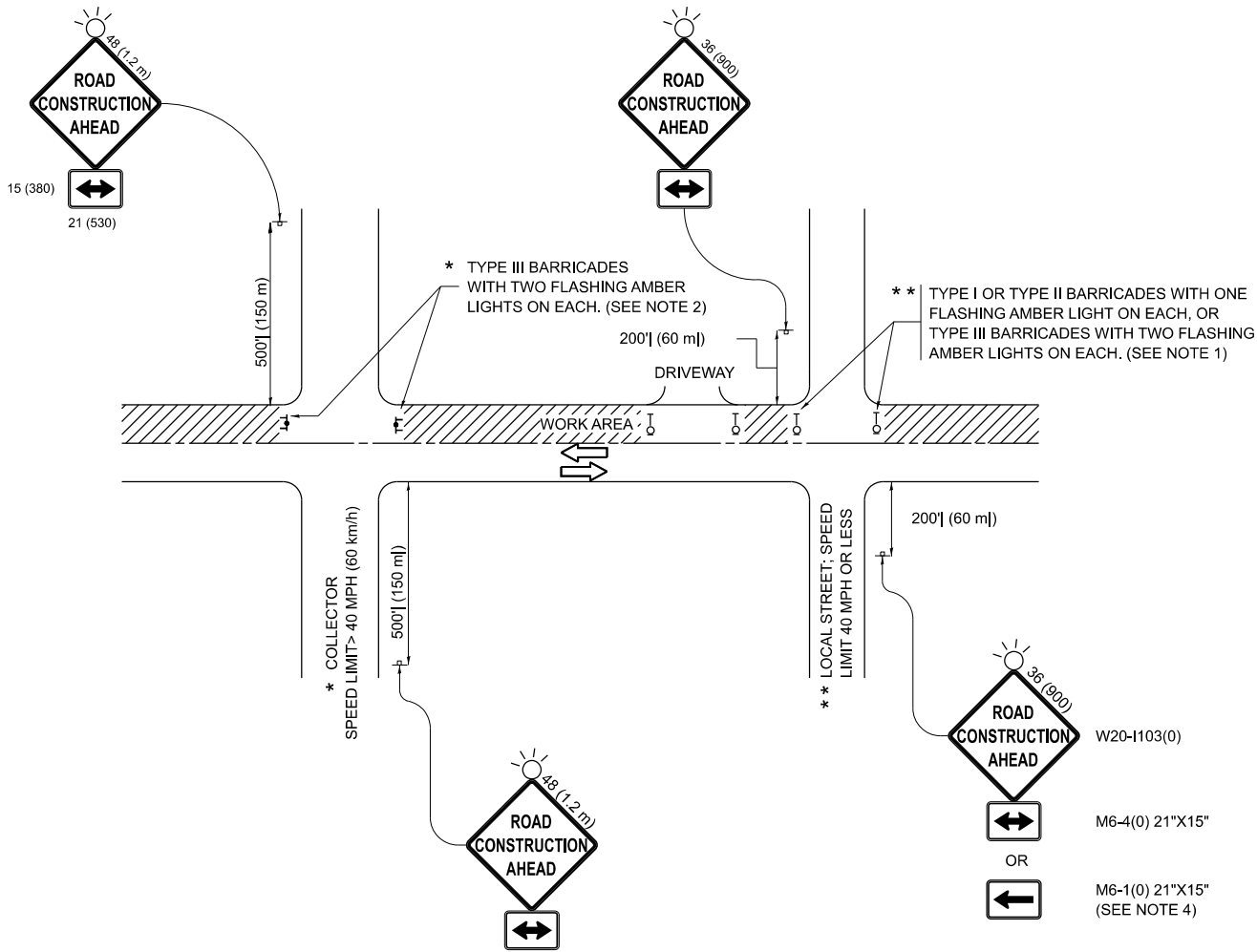
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND
HMA TAPER DETAILS

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	FAP 0397 23 SMART	COOK	111	96
BD400-05 BD-32		CONTRACT NO. 62V55		
		ILLINOIS	FED. AID PROJECT	

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FILE NAME: c:\p\work\pwt\inricholas.babul\Illinois.gov\0918784\D103324-sh-Dts\Sds.dgn



NOTES:

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

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

b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.

2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.

b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.

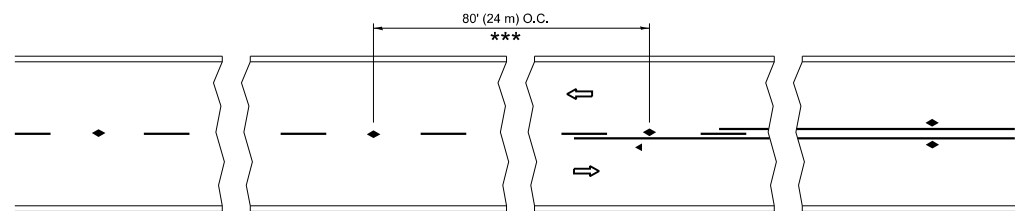
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.

4. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.

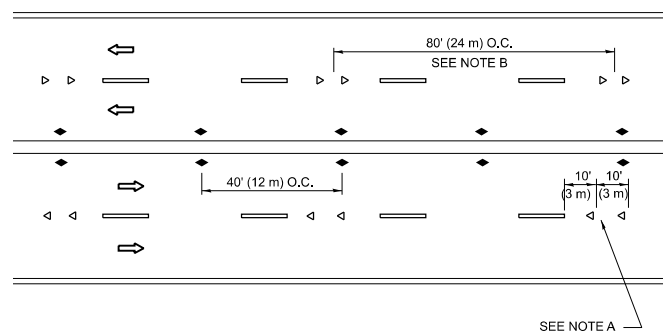
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.

7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.
- All dimensions are in inches (millimeters)
unless otherwise shown.
- | | | | | | |
|-----------|------------------|----------|----------|---------|-------------------------|
| USER NAME | = nicholas.babul | DESIGNED | - L.H.A. | REVISED | - T. RAMMACHER 01-06-00 |
| | | DRAWN | - | REVISED | - A. SCHUETZE 07-01-13 |
| | | CHECKED | - | REVISED | - A. SCHUETZE 09-15-06 |
| PLOT DATE | = 6/24/2026 | DATE | - 06-89 | REVISED | - D. SENDERAK 05-03-25 |
- STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
- TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
- SCALE: SHEET OF SHEETS STA. TO STA.
- | F.A.P.
RTE. | SECTION | COUNTY | TOTAL
SHEETS | SHEET
NO. |
|----------------|-------------------|---------------------------|-----------------|--------------|
| 397 | FAP 0397 23 SMART | COOK | 111 | 97 |
| TC-10 | | CONTRACT NO. 62V55 | | |
| | | ILLINOIS FED. AID PROJECT | | |

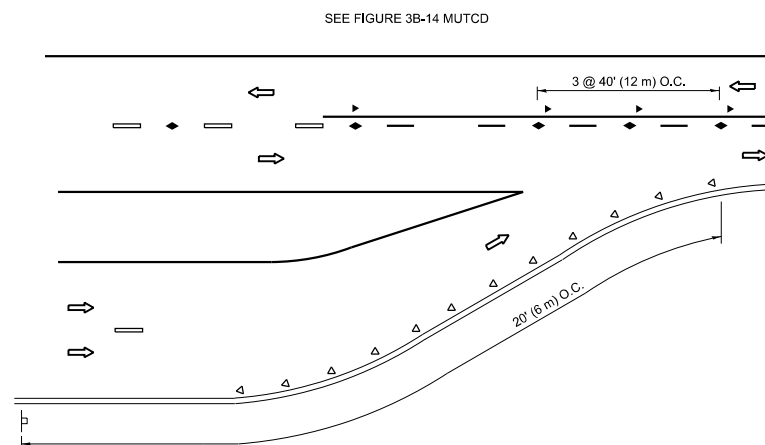
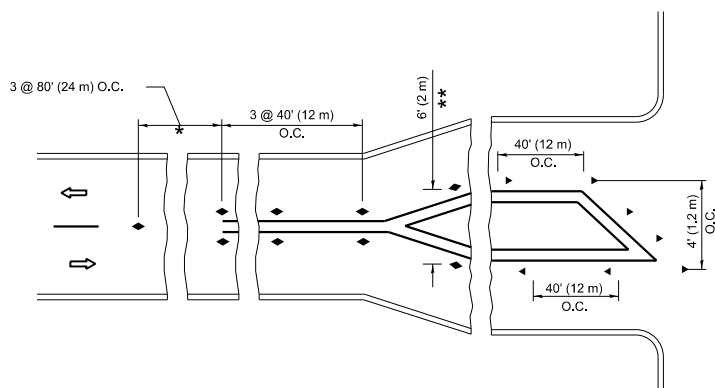


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

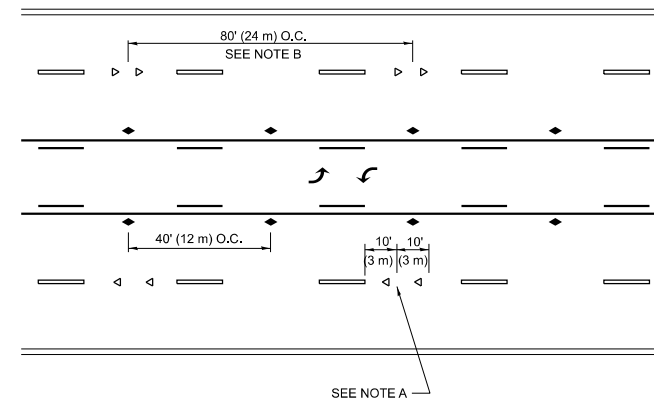
TWO-LANE/TWO-WAY



MULTI-LANE/UNDIVIDED



LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.
4. MARKERS ARE TO BE USED ADJACENT TO BOTH SOLID WHITE LINES IN DUAL LEFT TURN LANES

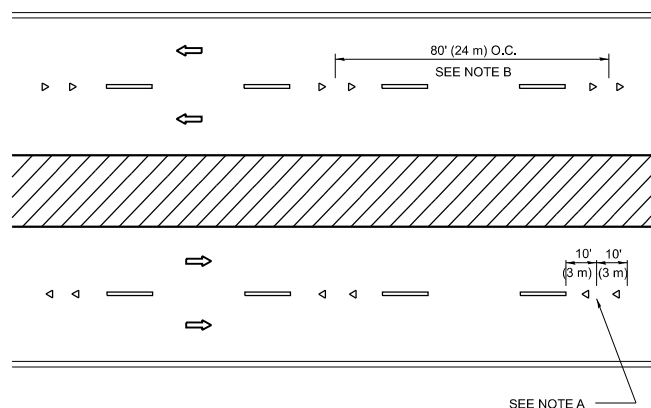
SYMBOLS

- YELLOW STRIPE
- ▬ WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

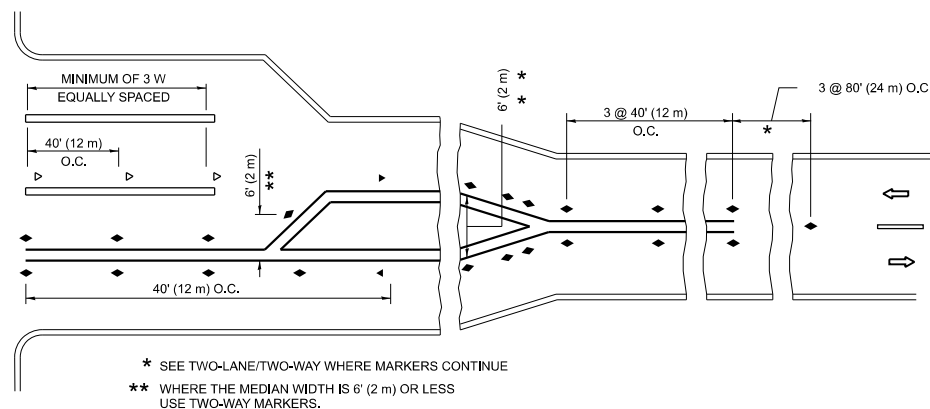
LANE MARKER NOTES

- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

MULTI-LANE/DIVIDED



TURN LANES



USER NAME = nicholas.babul	DESIGNED -	REVISED - T. RAMMACHER 03-12-99
	DRAWN -	REVISED - T. RAMMACHER 01-06-00
	CHECKED -	REVISED - C. JUCIUS 09-09-09
PLOT DATE = 6/24/2026	DATE -	REVISED - C. JUCIUS 07-01-13

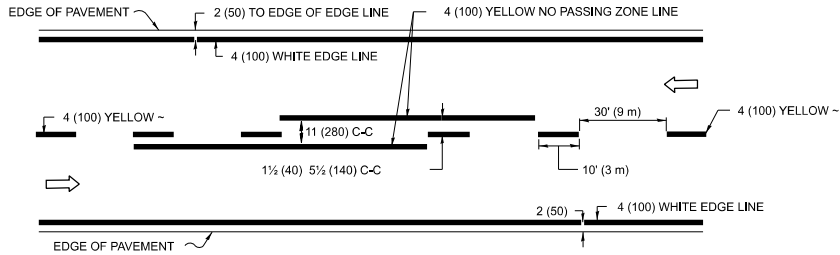
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL APPLICATIONS
RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)

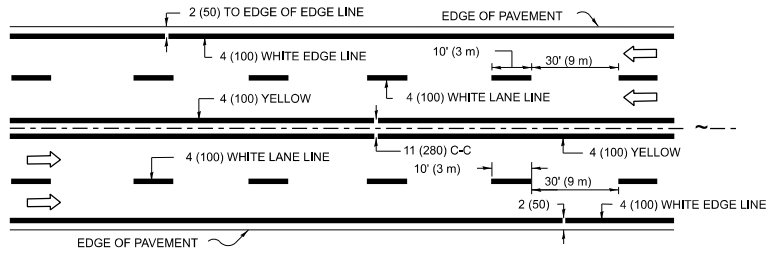
SCALE: NONE	SHEET 1	OF 1	SHEETS	STA.	TO STA.
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F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	FAP 0397 23 SMART	COOK	111	98
TC-11		CONTRACT NO. 62V55		
	ILLINOIS	FED. AID PROJECT		

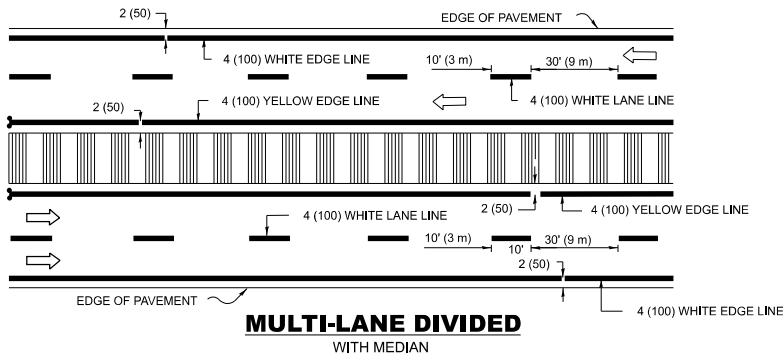
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2-LANE ROADWAY

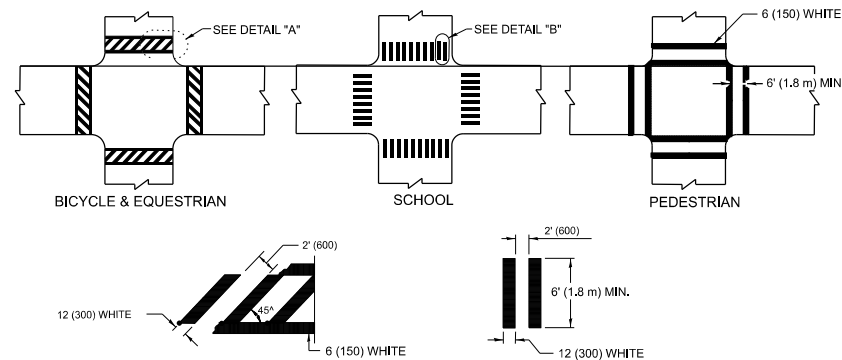


MULTI-LANE UNDIVIDED



MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

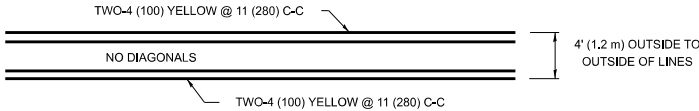


DETAIL "A"

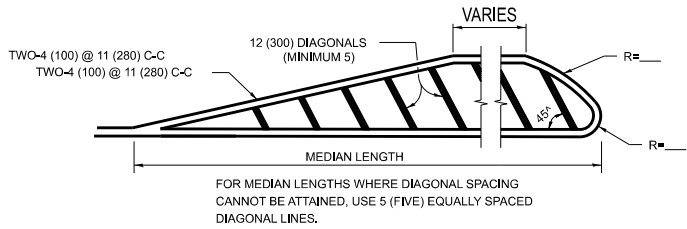
DETAIL "B"

TYPICAL CROSSWALK MARKING

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

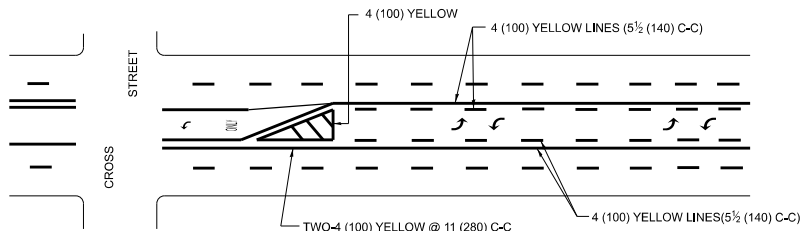


4' (1.2 m) WIDE MEDIANS ONLY

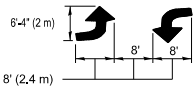


DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

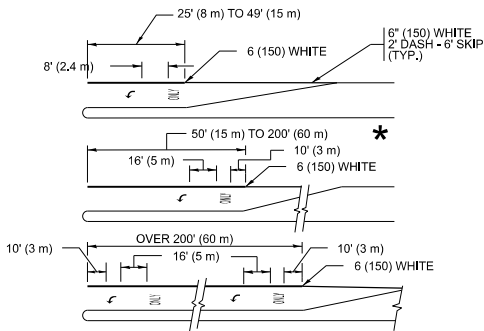


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

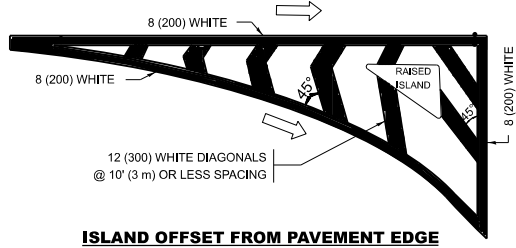


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

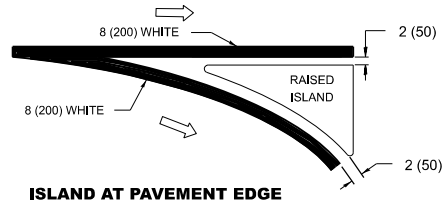
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

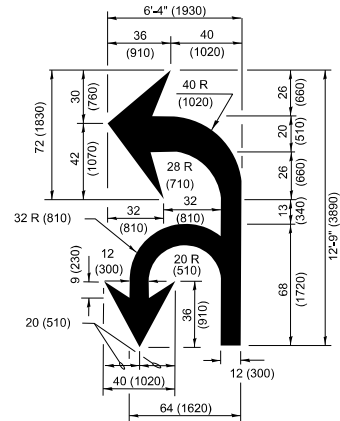


ISLAND OFFSET FROM PAVEMENT EDGE

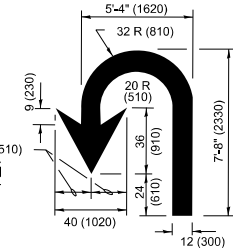


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION

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

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	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE: FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (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 8' (1.8 m) LETTERS: 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
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 = nicholas.babul	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
	DRAWN -	REVISED - C. JUCIUS 07-01-13
	CHECKED -	REVISED - C. JUCIUS 12-21-15
PLOT DATE = 6/24/2026	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

DISTRICT ONE TYPICAL PAVEMENT MARKINGS

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	FAP 0397 23 SMART	COOK	111	99
TC-13		CONTRACT NO. 62V55		
ILLINOIS		FED. AID PROJECT		

TURN BAY ENTRANCE AT START
OF LANE CLOSURE TAPER

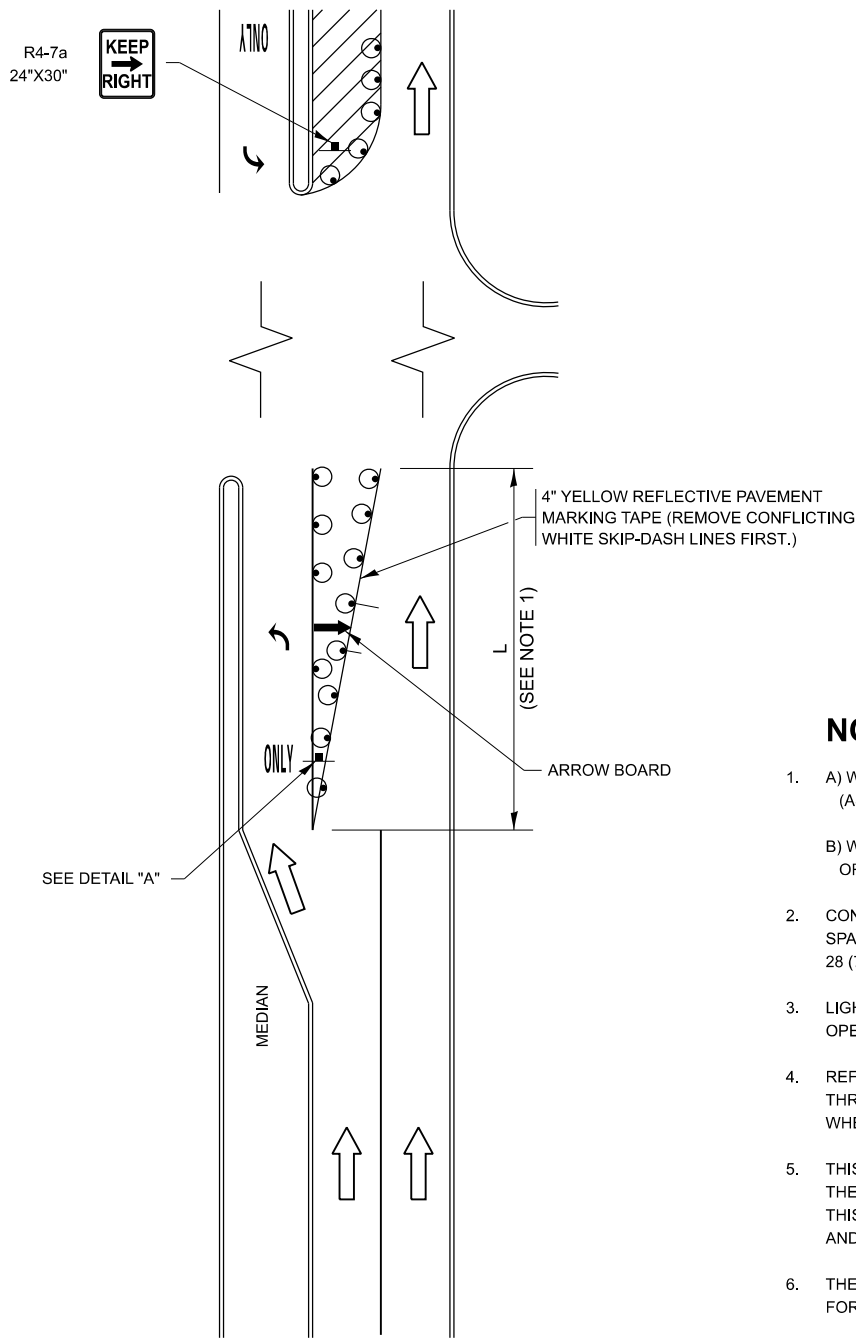
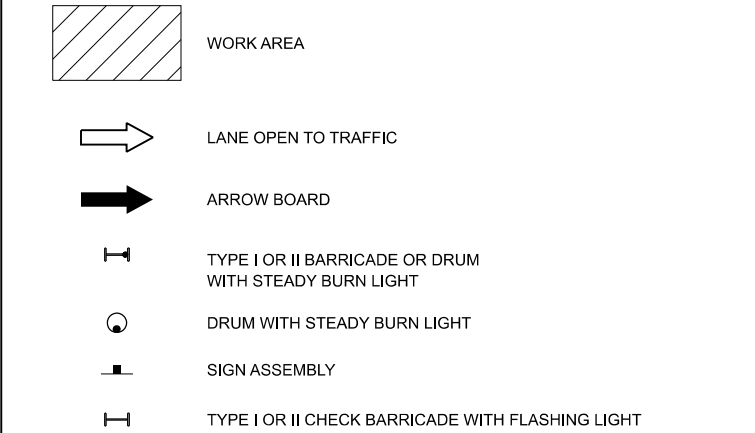


FIGURE 1

LEGEND



NOTES:

- A) WHEN "L" IS $\leq$ THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.
B) WHEN "L" IS $>$ THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
- 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.
- LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
- REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.
- THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-I100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
- THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
- THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH REQUIREMENTS.
- TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

TURN BAY ENTRANCE
WITHIN A LANE CLOSURE

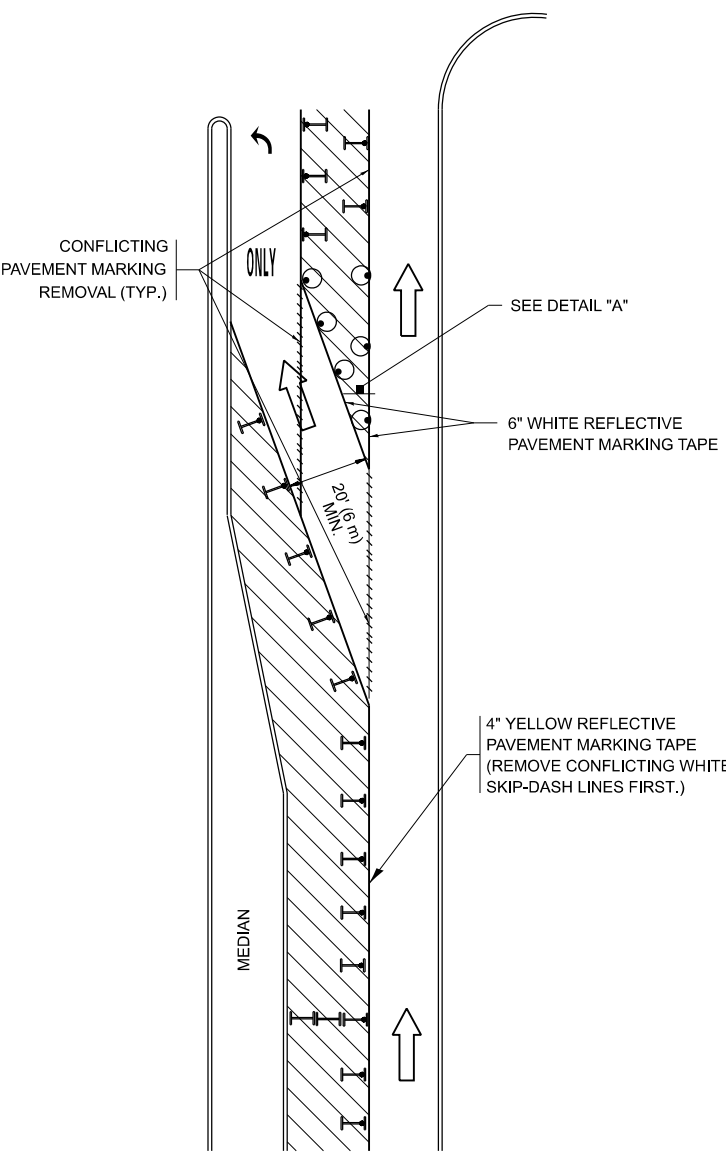
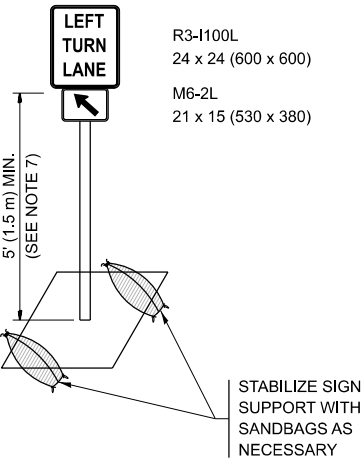


FIGURE 2



DETAIL A

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

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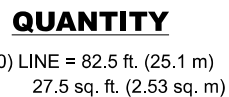
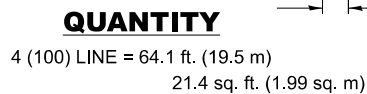
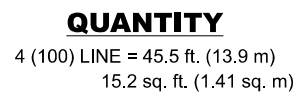
USER NAME = nicholas.babul	DESIGNED - T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09
	DRAWN - A. HOUSEH 11-07-95	REVISED - A. SCHUETZE 07-01-13
	CHECKED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16
PLOT DATE = 6/24/2026	DATE - T. RAMMACHER 01-06-00	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

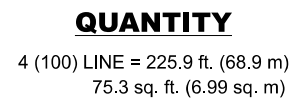
TRAFFIC CONTROL AND PROTECTION AT TURN BAYS
(TO REMAIN OPEN TO TRAFFIC)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	FAP 0397 23 SMART	COOK	111	100
TC-14		CONTRACT NO. 62V55		
		ILLINOIS FED. AID PROJECT		



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.



MODEL: TC-16 [Sheet]
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USER NAME = nicholas.babul	DESIGNED -	REVISED - T. RAMMACHER 03-02-98
	DRAWN -	REVISED - E. GOMEZ 08-28-00
	CHECKED -	REVISED - E. GOMEZ 08-28-00
PLOT DATE = 6/24/2026	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

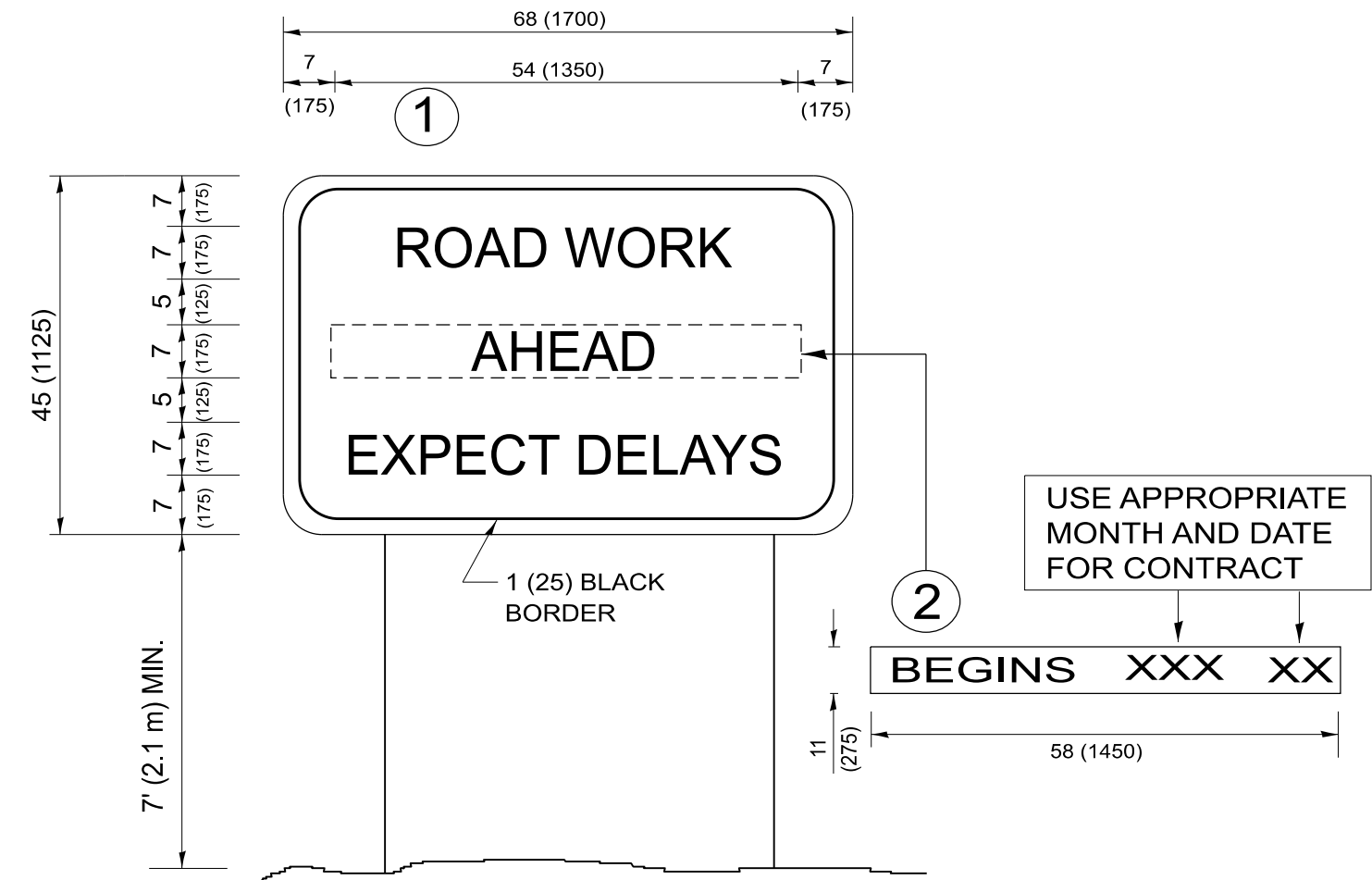
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

SCALE: NONE	SHEET 1	OF 1	SHEETS	STA.	TO STA.
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F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	FAP 0397 23 SMART	COOK	111	101
TC-16		CONTRACT NO. 62V55		
	ILLINOIS	FED. AID PROJECT		

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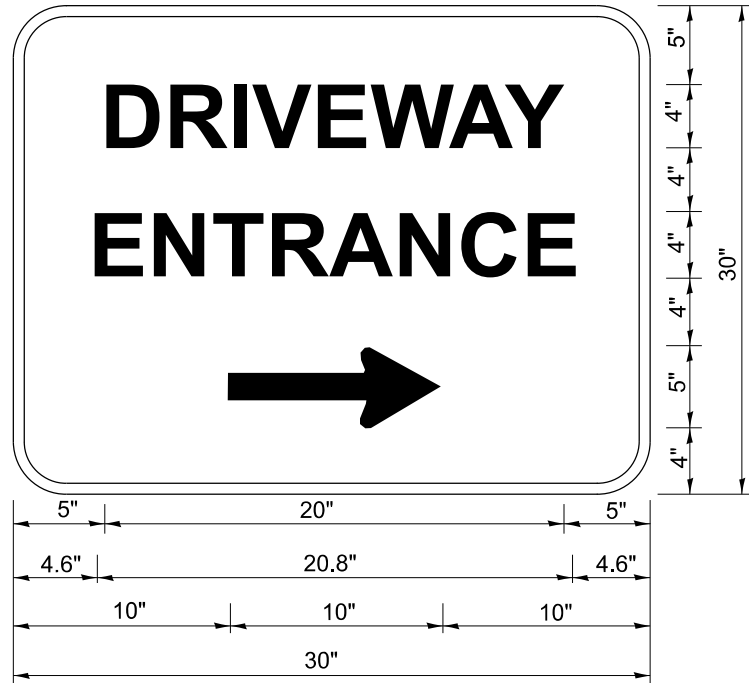


NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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

	USER NAME = nicholas.babul	DESIGNED -	REVISED - R. MIRS 09-15-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARTERIAL ROAD INFORMATION SIGN				F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CHECKED -	REVISED - T. RAMMACHER 02-02-99						TC-22		CONTRACT NO. 62V55		
	PLOT DATE = 6/24/2026	DATE -	REVISED - C. JUCIUS 01-31-07		ILLINOIS FED. AID PROJECT								
						SCALE: NONE	SHEET 1	OF 1 SHEETS	STA.	TO STA.			



3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED
"DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

NOTES:

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE
PLACED BACK-TO-BACK: ONE WITH A RIGHT HAND ARROW (SHOWN)
SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY
AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE
FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM "TEMPORARY INFORMATION SIGNING".

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		CHECKED -	REVISED -		TC-26			CONTRACT NO. 62V55				
	PLOT DATE = 6/24/2026	DATE -	REVISED -		SCALE: NONE	SHEET 1	OF 1	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

TRAFFIC SIGNAL LEGEND

ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED
TRAFFIC SIGNAL CABINET			HANDHOLE -SQUARE -ROUND	 	 	SIGNAL HEAD -(P) PROGRAMMABLE SIGNAL HEAD -(EV) ELONGATED VISORS	 P EV	 P EV
UNINTERRUPTABLE POWER SUPPLY			DOUBLE HANDHOLE			SIGNAL HEAD WITH BACKPLATE -(RB) RETROREFLECTIVE BACKPLATE -(P) PROGRAMMABLE SIGNAL HEAD -(EV) ELONGATED VISORS	 RB P EV	 RB P EV
COMMUNICATION CABINET			HEAVY DUTY HANDHOLE -SQUARE -ROUND	 	 	PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER		
MASTER CONTROLLER			JUNCTION BOX			ILLUMINATED LED SIGN "NO LEFT TURN"/"NO RIGHT TURN"	 	
MASTER MASTER CONTROLLER			RAILROAD CANTILEVER MAST ARM			ELECTRIC CABLE, SIGNAL, NO. 14 - 2/C, 3/C, 5/C, 7/C		
SERVICE INSTALLATION -(P) POLE MOUNTED			RAILROAD FLASHING SIGNAL			ELECTRIC CABLE, LEAD-IN, NO. 14, 1 PAIR		
SERVICE INSTALLATION -(G) GROUND MOUNTED -(GM) GROUND MOUNTED METERED	 	 	RAILROAD CROSSING GATE			SERVICE CABLE, 2/C - NO. 2, NO. 4, NO. 6	 	
CELLULAR MODEM			RAILROAD CROSSBUCK			GROUND CABLE NO. 6 SOLID COPPER (GREEN), 1/C		
TELEPHONE CONNECTION			RAILROAD CONTROLLER BUNGALOW			ELECTRIC CABLE, TRACER, NO. 14, 1/C		
STEEL MAST ARM ASSEMBLY AND POLE			UNDERGROUND CONDUIT (UC), GALVANIZED STEEL			ELECTRIC CABLE, RAILROAD, NO. 14, 3/C		
ALUMINUM MAST ARM ASSEMBLY AND POLE			TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE			ELECTRIC CABLE, STREET NAME SIGN NO. 14, 3/C, TYPE SOOW		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE			SYSTEM ITEM			VENDOR CABLE		
SIGNAL POST -(BM) BARREL MOUNTED - TEMPORARY			INTERSECTION ITEM			EMERGENCY VEHICLE PRIORITY LINE SENSOR CABLE, NO. 20, 3/C		
WOOD POLE			REMOVAL ITEM			OUTDOOR RATED NETWORK CABLE		
GUY WIRE			RELOCATE ITEM			FIBER OPTIC CABLE -12F: 12 MULTIMODE -24F: 12 MULTIMODE / 12 SINGLE MODE -36F: 12 MULTIMODE / 24 SINGLE MODE -24SM: 24 SINGLE MODE -48SM: 48 SINGLE MODE	 	
SIGNAL HEAD			ABANDON ITEM			GROUND ROD -(C) CONTROLLER -(M) MAST ARM -(P) POST -(S) SERVICE	 	
SIGNAL HEAD WITH BACKPLATE			CONTROLLER CABINET AND FOUNDATION TO BE REMOVED					
SIGNAL HEAD - PROGRAMMABLE			MAST ARM POLE AND FOUNDATION TO BE REMOVED					
FLASHER INSTALLATION -(FS) SOLAR POWERED	 	 	SIGNAL POST AND FOUNDATION TO BE REMOVED					
PEDESTRIAN SIGNAL HEAD			DETECTOR LOOP, TYPE I					
PEDESTRIAN PUSH BUTTON -(APS) ACCESSIBLE PEDESTRIAN PUSH BUTTON	 	 	PREFORMED DETECTOR LOOP					
RADAR DETECTION SENSOR			WIRELESS DETECTOR SENSOR					
VIDEO DETECTION CAMERA								
RADAR/VIDEO DETECTION ZONE								
PAN, TILT, ZOOM (PTZ) CAMERA								
EMERGENCY VEHICLE LIGHT DETECTOR								
CONFIRMATION BEACON								
WIRELESS INTERCONNECT								
WIRELESS INTERCONNECT RADIO REPEATER								
WIRELESS ACCESS POINT								

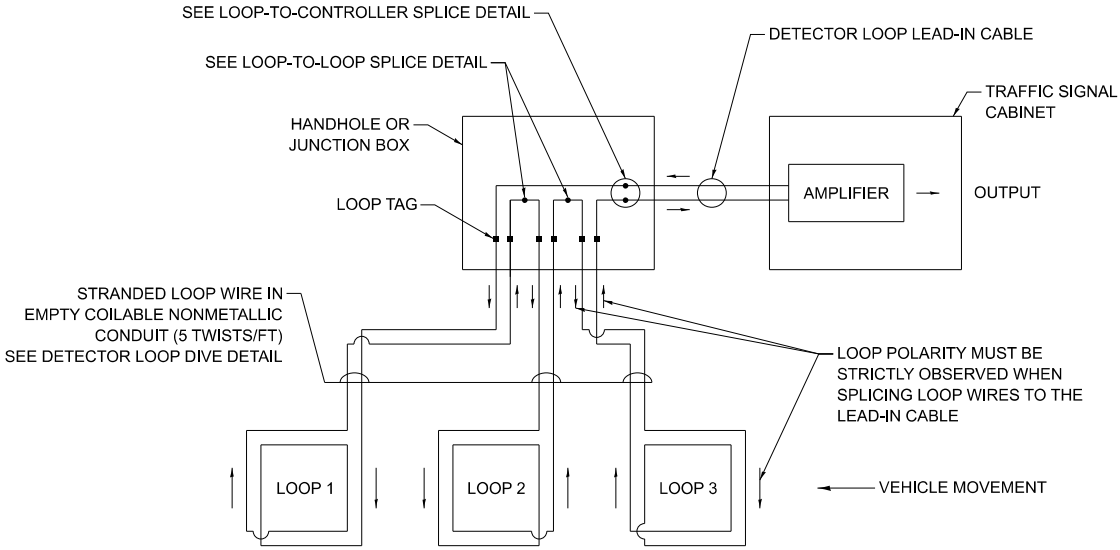
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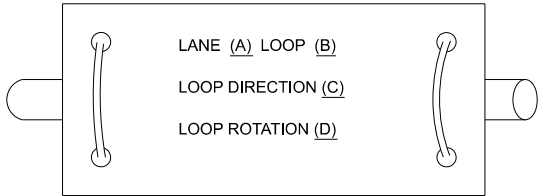
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	DRAWN	-	IP	REVISED	-	REVISED	-					397	FAP 0397 23 SMART	COOK	111	104
	CHECKED	-	NB/KK	REVISED	-	REVISED	-					TS-01		CONTRACT NO. 62V55		
	PLOT DATE	= 6/24/2026	DATE	-	10/15/2025	REVISED	-					ILLINOIS FED. AID PROJECT				
SCALE: NONE		SHEET 1		OF 7		SHEETS		STA.		TO STA.						

DETECTOR LOOP NOTES:

1. LOOPS SHALL BE SPLICED IN SERIES.
2. SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" AT A DEPTH OF 3". IF IN CONCRETE, THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
3. LOOP CORNERS SHALL BE DRILLED WITH A 2" DIAMETER CORE.
4. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NON-METALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6". EMPTY COILABLE NON-METALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE DETECTOR LOOP PAY ITEM.
5. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
6. EACH LEAD-IN CABLE SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP NUMBER, LOOP DIRECTION (IN OR OUT), AND LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE) IN WATER PROOF INK. SEE DETECTOR LOOP LEAD-IN CABLE TAG DETAIL. THE CONTRACTOR SHALL MARK THE LOOP LOCATIONS ON THE RECORD DRAWINGS AND PRESENT THEM TO THE ENGINEER AFTER THE FINAL INSPECTION.
7. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
8. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND THE DIVE HOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" APART.
9. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS.
10. PREFORMED DETECTOR LOOPS SHALL BE USED WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

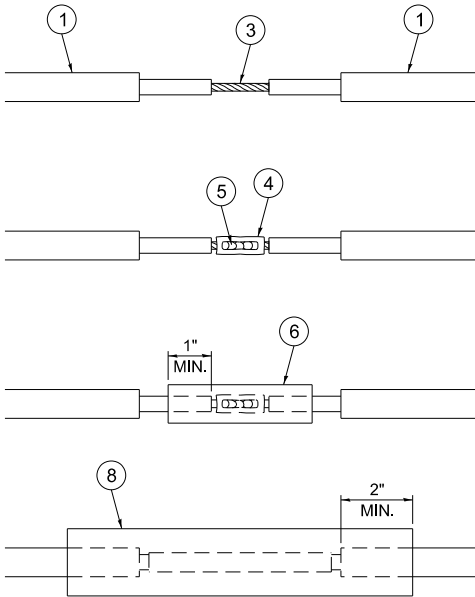


DETECTOR LOOP WIRING SCHEMATIC



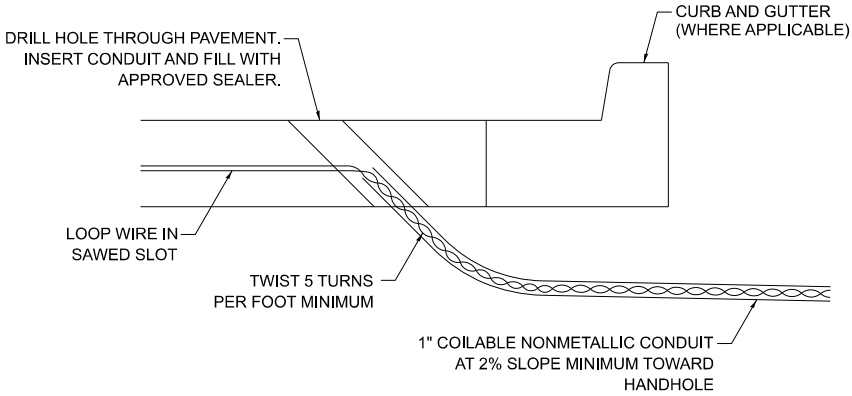
- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY.
- B. LOOP #1 IS THE LOOP CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

DETECTOR LOOP LEAD-IN CABLE TAG

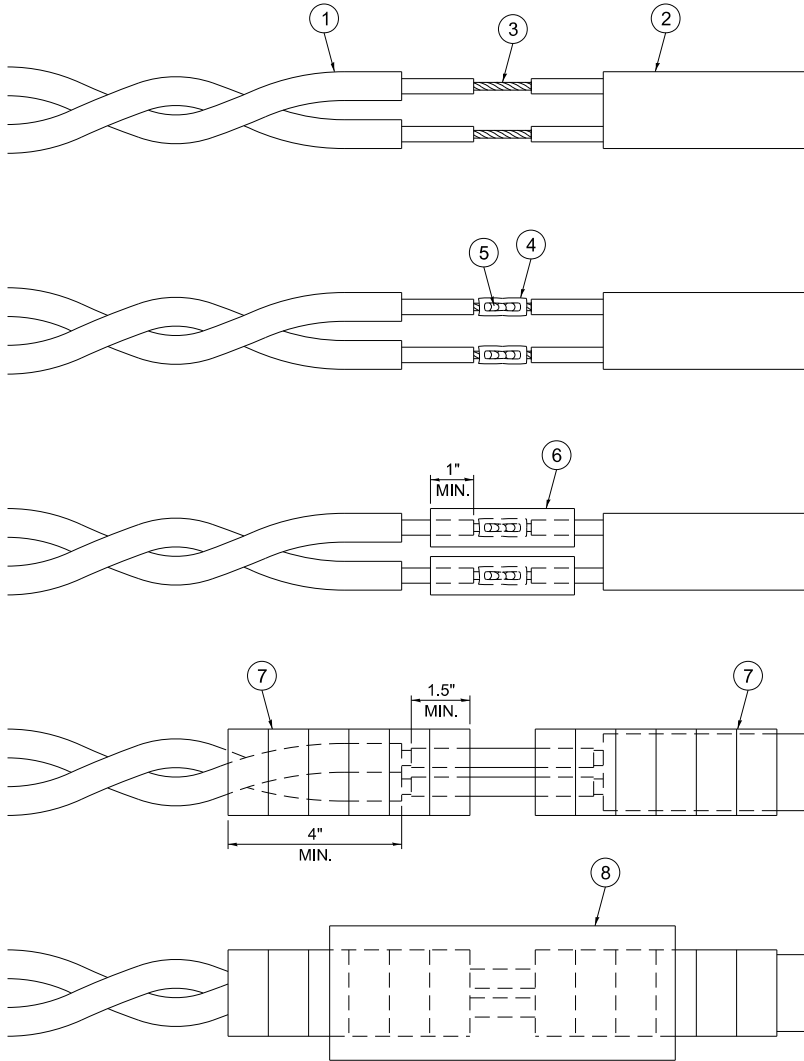


LOOP-TO-LOOP SPLICE DETAIL

- 1 DETECTOR LOOP CABLE.
- 2 DETECTOR LOOP LEAD-IN CABLE
- 3 BARE CONDUCTORS TWISTED TOGETHER.
- 4 BUTT SPLICE CRIMP CONNECTOR.
- 5 SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH. THE SPLICES SHALL BE STAGGERED.
- 6 WCSMW 30/100 HEAT SHRINK TUBE, 3" MINIMUM LENGTH, UNDERWATER GRADE.
- 7 SELF-INFUSED, SILICONE ELECTRICAL TAPE TIGHTLY WRAPPED AROUND CABLES.
- 8 WCS 200/750 HEAT SHRINK TUBE, 8" MINIMUM LENGTH, UNDERWATER GRADE.



DETECTOR LOOP DIVE DETAIL



LOOP-TO-CONTROLLER SPLICE DETAIL

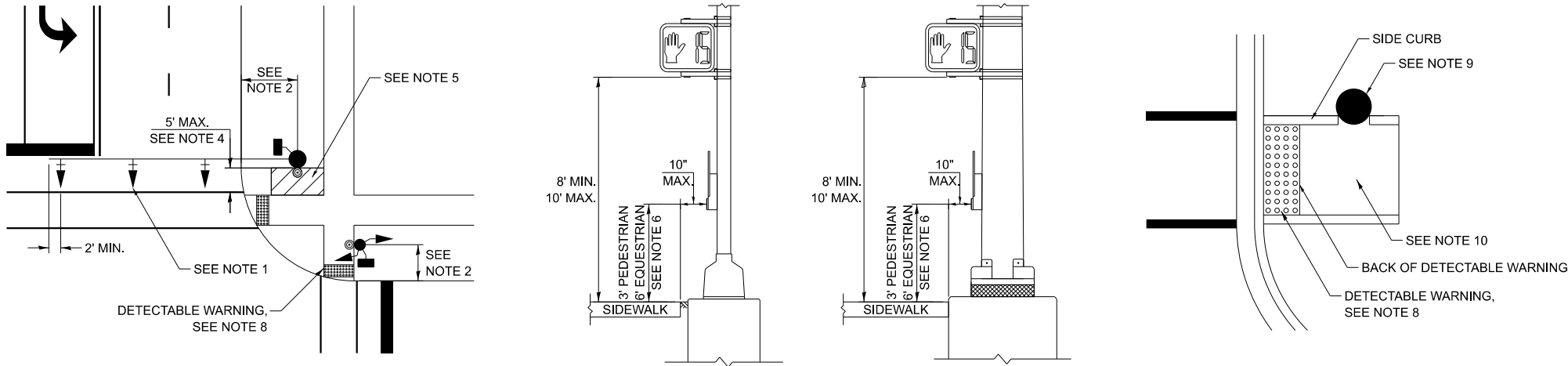
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			DRAWN - IP	REVISED -						397	FAP 0397 23 SMART	COOK	111	105
			CHECKED - NB/KK	REVISED -						TS-01		CONTRACT NO. 62V55		
	PLOT DATE = 6/24/2026		DATE - 10/15/2025	REVISED -		SCALE: NONE	SHEET 2	OF 7	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

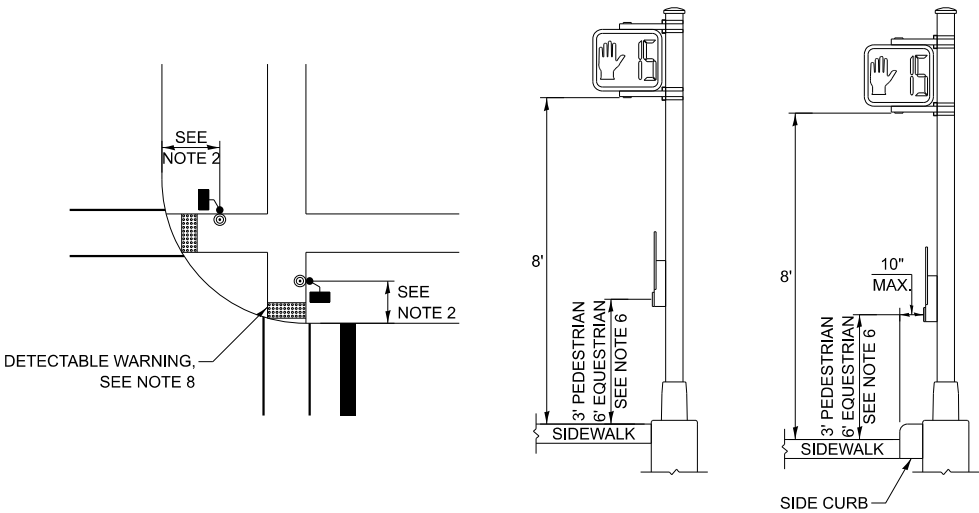
NOTES:

- 1. THE MAST ARM MOUNTED SIGNAL HEADS SHALL BE CENTERED ON THE LANES OR AS SHOWN ON THE TRAFFIC SIGNAL PLANS.
- 2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET MINIMUMS TABLE.
- 3. A 4' MINIMUM UNOBSTRUCTED PEDESTRIAN ACCESS ROUTE SHALL BE MAINTAINED.
- 4. THE PUSH-BUTTON SHALL BE LOCATED 5' OR LESS FROM THE OUTSIDE EDGE OF THE MARKED CROSSWALK FARTHEST FROM THE INTERSECTION FOR THE CROSSWALK THAT THE PUSH-BUTTON CONTROLS.
- 5. IF THE MAST ARM POLE OR SIGNAL POST WHERE THE PUSH-BUTTON IS TO BE INSTALLED IS NOT IMMEDIATELY ADJACENT TO THE SIDEWALK, PROVIDE A FIRM, STABLE, AND SLIP RESISTANT SURFACE UP TO THE MAST ARM POLE OR SIGNAL POST. THE MINIMUM PAVED AREA IN FRONT OF THE PUSH-BUTTON SHALL BE 2.5' X 4'. IF THIS DOES NOT MEET THE REQUIREMENT STATED IN NOTE 3, A SEPARATE PEDESTRIAN SIGNAL POST SHALL BE INSTALLED TO PLACE THE PUSH-BUTTON ADJACENT TO THE SIDEWALK SURFACE.
- 6. THE HEIGHT OF THE PEDESTRIAN PUSH-BUTTON SHALL BE 36". IF APPROVED BY THE AREA TRAFFIC SIGNAL ENGINEER, THE PUSH-BUTTON MAY BE LOCATED AT A HEIGHT BETWEEN 30" AND 42". THE HEIGHT OF THE EQUESTRIAN PUSH-BUTTON SHAL BE 72" OR AS DIRECTED BY THE ENGINEER.
- 7. THE FACE OF THE PUSH-BUTTON SHALL BE PARALLEL TO THE CROSSWALK IT CONTROLS.
- 8. THE PUSH-BUTTON SHALL BE LOCATED BEHIND THE DETECTABLE WARNING.
- 9. WHERE A PUSH-BUTTON IS BEING INSTALLED ON A MAST ARM POLE OR SIGNAL POST ADJACENT TO THE PEDESTRIAN ACCESS ROUTE, THE PROPOSED FOUNDATION SHALL BE INSTALLED WITHIN THE SIDE CURB IN ORDER TO MEET THE 10" REACH REQUIREMENT.
- 10. THE SIDEWALK PANEL IN FRONT OF THE PUSH-BUTTON SHALL HAVE A SLOPE LESS THAN 5%.
- 11. WHERE TWO PEDESTRIAN PUSH-BUTTONS ARE PROVIDED ON THE SAME CORNER, THEY SHALL BE 10' OR MORE APART. EXCEPTION: IN ALTERATIONS WHERE TECHNICALLY INFEASIBLE TO PROVIDE 10' SEPARATION BETWEEN PUSH-BUTTONS ON THE SAME CORNER.
- 12. CORRESPONDING PEDESTRIAN EQUIPMENT (SIGNAL HEAD AND PUSH-BUTTON) SHALL BE INSTALLED ON THE SAME POST CLOSEST TO THE CROSSWALK IT CONTROLS.
- 13. PEDESTRIAN SIGNAL HEADS INSTALLED ON MAST ARM POLES OR SIGNAL POSTS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) NOT LESS THAN 8' OR MORE THAN 10' ABOVE SIDEWALK LEVEL. PEDESTRIAN SIGNAL HEADS INSTALLED ON PEDESTRIAN SIGNAL POSTS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) NOT LESS THAN 8' ABOVE SIDEWALK LEVEL. THE PEDESTRIAN SIGNAL HEADS SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
- 14. THE LOCATIONS OF THE PEDESTRIAN PUSH-BUTTONS AND PEDESTRIAN SIGNAL HEADS SHALL MEET THE REQUIREMENTS OF THE MUTCD, PROWAG, AND THE REQUIREMENTS ON THIS DETAIL SHEET.

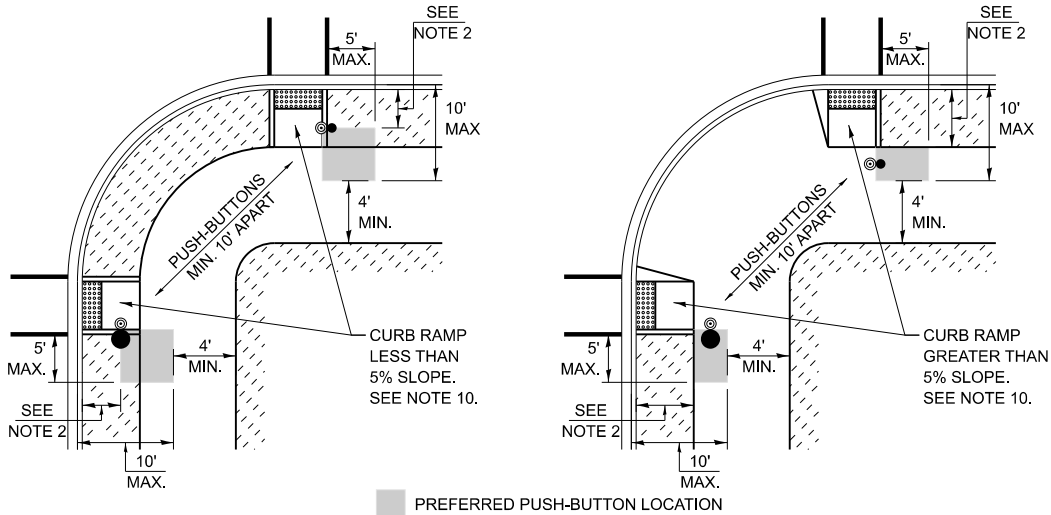
TRAFFIC SIGNAL MAST ARM AND SIGNAL POST



PEDESTRIAN SIGNAL POST



PUSH-BUTTON LOCATIONS



TRAFFIC SIGNAL EQUIPMENT	BARRIER CURB (MINIMUM DISTANCE FROM THE BACK OF CURB TO THE CENTER OF THE FOUNDATION)	SHOULDER / NON-BARRIER CURB (MINIMUM DISTANCE FROM THE EDGE LINE OF THE RIGHT-MOST LANE TO THE CENTER OF THE FOUNDATION)
MAST ARM ASSEMBLY AND POLE	6'	SHOULDER WIDTH + 2', MINIMUM 10'
SIGNAL POST	4'	SHOULDER WIDTH + 2', MINIMUM 10'
PEDESTRIAN SIGNAL POST	4'	4' - SEE NOTE 2
TEMPORARY WOOD POLE	6'	SHOULDER WIDTH + 2', MINIMUM 10'
TRAFFIC SIGNAL CABINET	6' - SEE NOTE 3	SHOULDER WIDTH + 6', MINIMUM 16' - SEE NOTE 3
SERVICE CABINET	6' - SEE NOTE 3	SHOULDER WIDTH + 6', MINIMUM 16' - SEE NOTE 3

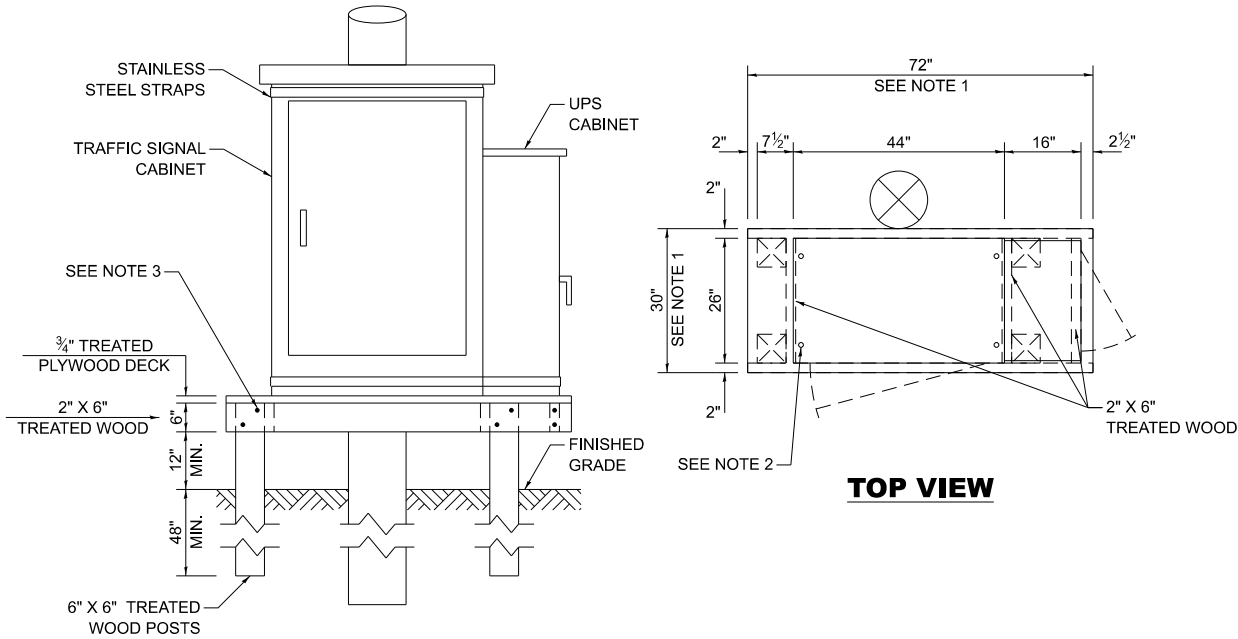
TRAFFIC SIGNAL EQUIPMENT OFFSET MINIMUMS

NOTES:

- 1. CONTACT THE AREA TRAFFIC SIGNAL ENGINEER FOR ASSISTANCE LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS AND THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
- 2. MINIMUM DISTANCE FROM THE BACK OF THE DETECTABLE WARNING.
- 3. MINIMUM DISTANCE TO THE ROADWAY SIDE OF THE FOUNDATION.
- 4. ANY CHANGES TO THE OFFSETS OF THE FOUNDATIONS FROM THE MINIMUM DISTANCES LISTED IN THE "TRAFFIC SIGNAL EQUIPMENT OFFSET" TABLE AND THE TRAFFIC SIGNAL PLAN COULD AFFECT THE PLACEMENT OF THE TRAFFIC SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS, AND THE PEDESTRIAN PUSH-BUTTONS. THE SIGNAL HEAD PLACEMENT ON THE MAST ARMS SHALL REMAIN AS PER THE TRAFFIC SIGNAL PLAN AND THE "TRAFFIC SIGNAL MAST ARM AND SIGNAL POST" DETAIL ABOVE. THE PROPOSED MAST ARM LENGTHS MAY NEED TO BE REVISED TO MEET THESE REQUIREMENTS. THE LOCATIONS OF THE PEDESTRIAN PUSH-BUTTONS AND PEDESTRIAN SIGNAL HEADS SHALL MEET THE REQUIREMENTS OF THE MUTCD, PROWAG, AND THE REQUIREMENTS ON THIS DETAIL SHEET.

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		DRAWN - IP	REVISED -									397	FAP 0397 23 SMART	COOK	111	106
		CHECKED - NB/KK	REVISED -									TS-01		CONTRACT NO. 62V55		
		DATE - 10/15/2025	REVISED -									ILLINOIS FED. AID PROJECT				
	PLOT DATE = 6/24/2026	DATE - 10/15/2025	REVISED -													



NOTES:

- 1. THE PLATFORM SIZE IS BASED ON A TRAFFIC SIGNAL CABINET TYPE IV WITH BASE DIMENSIONS OF 26" X 44" AND UNINTERRUPTABLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" X 25". ADJUST THE PLATFORM SIZE TO FIT THE BASE DIMENSIONS OF THE CABINET SUPPLIED.
- 2. DRILLED HOLES THROUGH THE PLATFORM ARE TO MATCH THE TRAFFIC SIGNAL CABINET BOLT TEMPLATE. THE CABINET SHALL BE FASTENED TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS, AND NUTS.
- 3. ALL WOOD SUPPORT FRAMING SHALL BE FASTENED TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION.

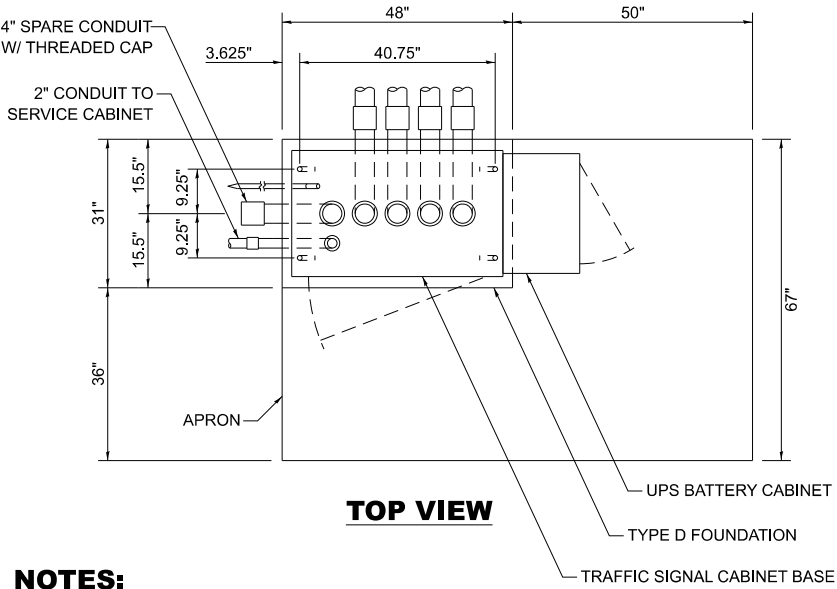
TEMPORARY TRAFFIC SIGNAL CABINET WOOD SUPPORT PLATFORM

MAST ARM LENGTH	FOUNDATION DEPTH	FOUNDATION DIAMETER	SPIRAL DIAMETER	QUANTITY OF REBARS	SIZE OF REBARS
LESS THAN 30'	10'	30"	24"	8	#6
GREATER THAN OR EQUAL TO 30' AND LESS THAN 40'	13.5'	30"	24"	8	#6
	11'	36"	30"	12	#7
GREATER THAN OR EQUAL TO 40' AND LESS THAN 50'	13'	36"	30"	12	#7
GREATER THAN OR EQUAL TO 50' AND UP TO 55'	15'	36"	30"	12	#7
GREATER THAN OR EQUAL TO 56' AND LESS THAN 65'	21'	42"	36"	16	#8
GREATER THAN OR EQUAL TO 65' AND UP TO 75'	25'	42"	36"	16	#8

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

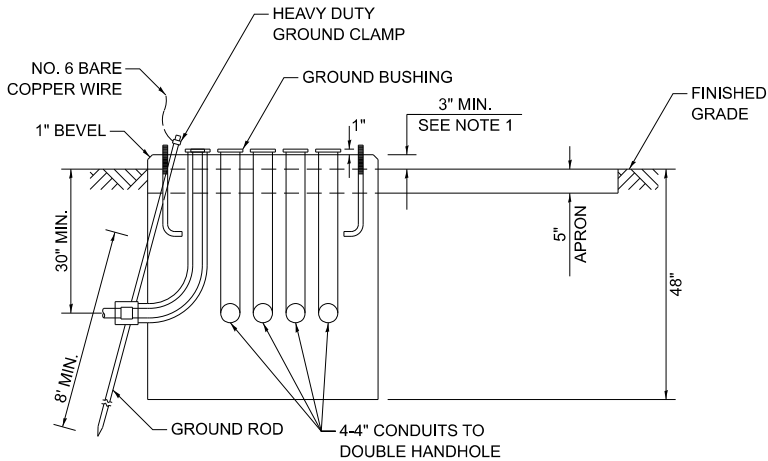
TYPE E FOUNDATION NOTES:

- 1. FOR STANDARD AND COMBINATION MAST ARM ASSEMBLIES. FOUNDATION DEPTHS FOR STANDARD DUAL MAST ARMS WITH THE LONGEST ARM LENGTH UP TO AND INCLUDING 55' SHALL BE INCREASE BY 1' OF THAT SHOWN IN THE TABLE, BASED ON THE LONGER OF THE TWO ARMS.
- 2. SEE STATE STANDARD 878001 CONCRETE FOUNDATION DETAILS FOR MORE INFORMATION.

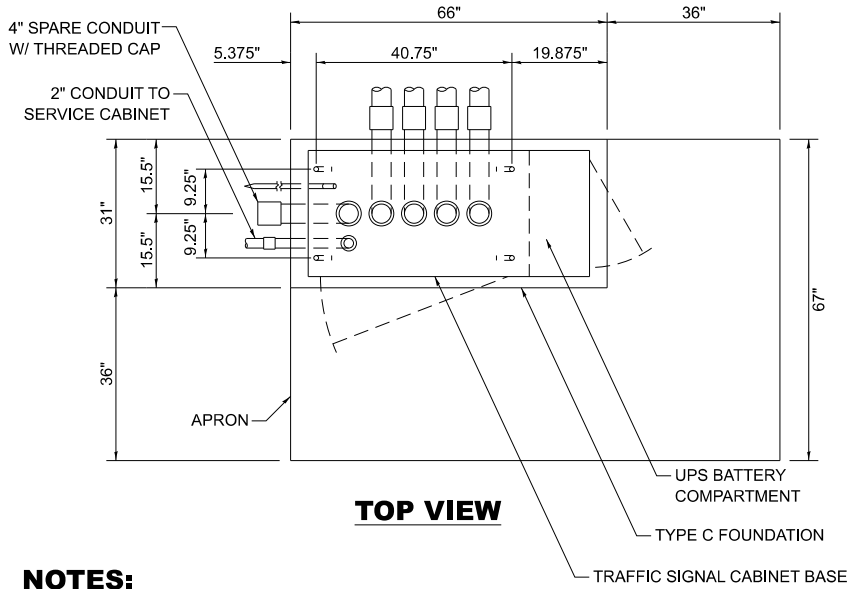


NOTES:

- 1. THE TOP OF THE FOUNDATION SHALL BE HIGHER THAN THE TOP OF THE DOUBLE HANDHOLE.

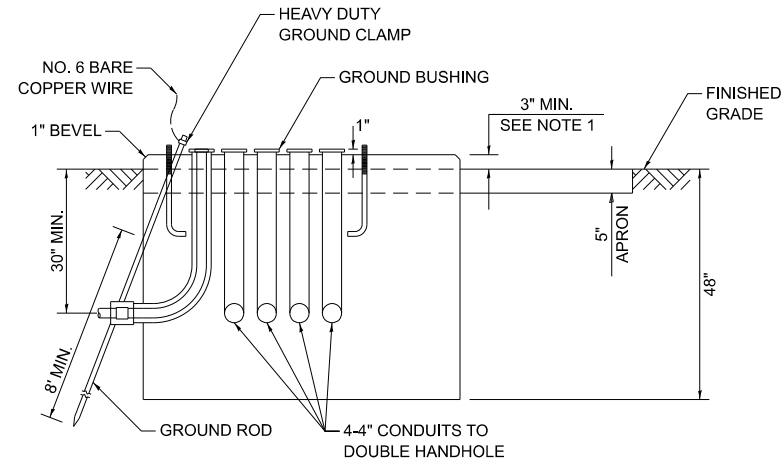


TYPE D FOUNDATION
TYPE IV AND TYPE V TRAFFIC SIGNAL CABINET
AND UPS BATTERY CABINET



NOTES:

- 1. THE TOP OF THE FOUNDATION SHALL BE HIGHER THAN THE TOP OF THE DOUBLE HANDHOLE.



TYPE C FOUNDATION
SUPER P AND SUPER R
TRAFFIC SIGNAL CABINETS

FOUNDATION	DEPTH
TYPE A - SIGNAL POST, SERVICE CABINET	4'
TYPE C - TRAFFIC SIGNAL CABINET WITH UPS	4'
TYPE D - TRAFFIC SIGNAL CABINET	4'

DEPTH OF FOUNDATIONS
TYPES A, C & D

VERTICAL CABLE	LENGTH
MAST ARM MOUNTED SIGNAL HEAD (L = MAST ARM LENGTH - DISTANCE TO SIGNAL HEAD FROM END OF ARM)	20'+L
BRACKET MOUNTED SIGNAL HEAD (MAST ARM POLE OR SIGNAL POLE)	13'
PEDESTRIAN SIGNAL HEAD	10'
PEDESTRIAN PUSH BUTTON	6'
SERVICE INSTALLATION POLE MOUNT TO SERVICE DROP	13.5'
SERVICE INSTALLATION POLE MOUNT TO GROUND	13.5'
SERVICE INSTALLATION GROUND MOUNT	6'
FOUNDATION (SIGNAL POST, MAST ARM, TRAFFIC SIGNAL CABINET, SERVICE CABINET)	3'

VERTICAL CABLE LENGTH

CABLE SLACK	LENGTH
HANDHOLE	6.5'
DOUBLE HANDHOLE	13'
SIGNAL POST	2'
MAST ARM	2'
TRAFFIC SIGNAL CABINET OR SERVICE CABINET	1.5'
FIBER OPTIC CABLE AT TRAFFIC SIGNAL CABINET	13'
GROUND CABLE AT SIGNAL POST, MAST ARM, OR CABINET	1.5'
GROUND CABLE AT HANDHOLE OR DOUBLE HANDHOLE	6.5'
GROUND CABLE BETWEEN HANDHOLE FRAME AND COVER	5'

CABLE SLACK LENGTH

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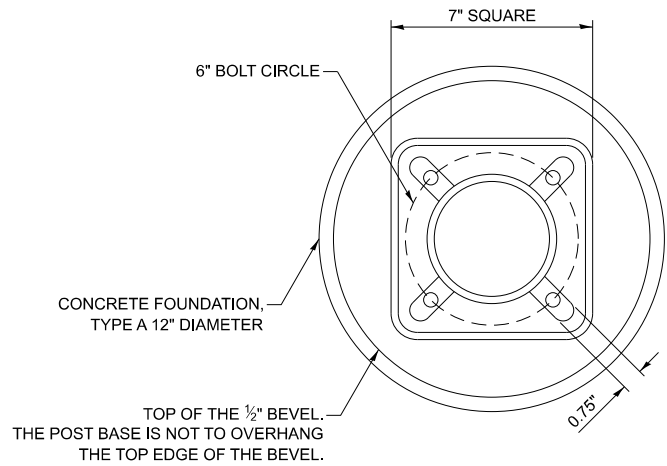
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		CHECKED - NB/KK	REVISED -
	DATE - 10/15/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE SHEET 5 OF 7 SHEETS STA. TO STA.

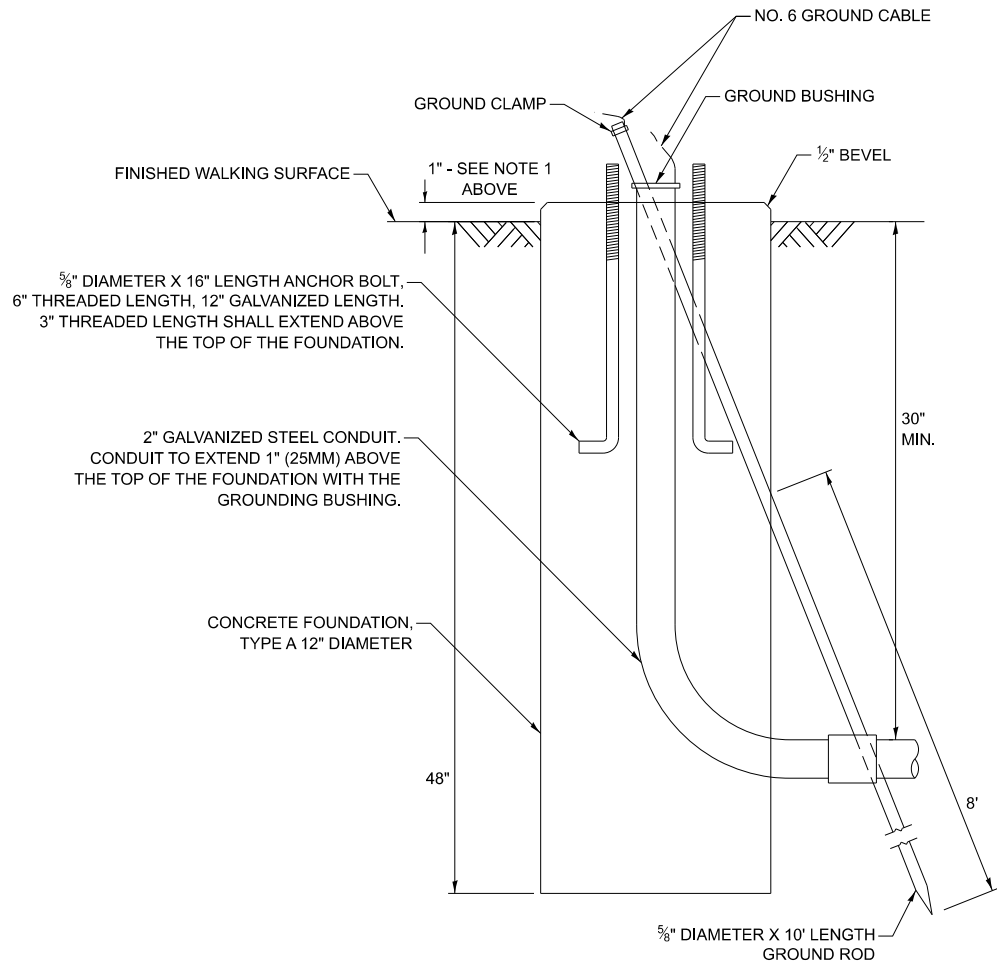
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TS-01		CONTRACT NO. 62V55		
		ILLINOIS	FED. AID PROJECT	



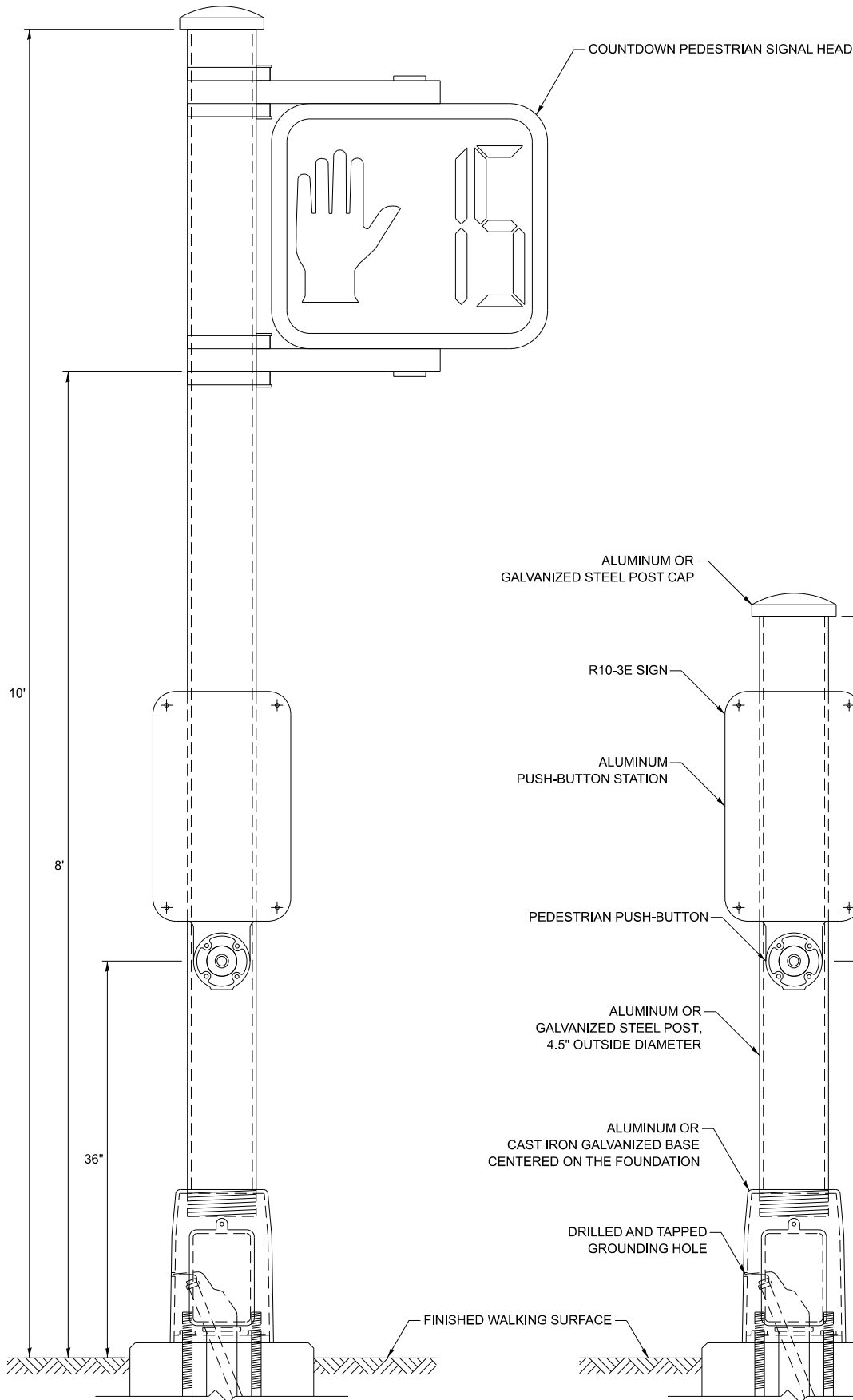
BOLT PATTERN

NOTES:

1. IF THE PEDESTRIAN SIGNAL POST FOUNDATION IS INSTALLED WITHIN A SIDEWALK CURB, THE TOP OF THE FOUNDATION SHALL BE INSTALLED FLUSH WITH THE TOP OF THE SIDEWALK CURB.

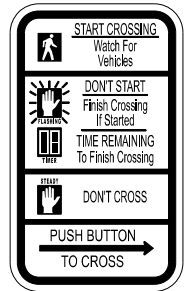


**CONCRETE FOUNDATION,
TYPE A 12-INCH DIAMETER**

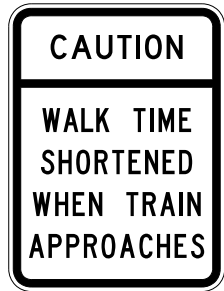


PEDESTRIAN SIGNAL POST, 10 FT.

PEDESTRIAN SIGNAL POST, 5 FT.



R10-3E
9" X 15"



W10-1101
18" X 24"

SIGN NOTES:

1. THE SIGN PANELS SHALL BE TYPE AP SHEETING.
2. WHEN SIGN R10-3E IS INSTALLED AT MEDIANS WHERE ONLY ONE PUSH-BUTTON IS BEING USED FOR BOTH DIRECTIONS, THE ARROW SHALL BE BI-DIRECTIONAL.
3. SIGN W10-1101 IS REQUIRED FOR EACH PEDESTRIAN SIGNAL HEAD AT RAILROAD INTERSECTIONS.

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	DATE	-	10/15/2025	REVISED	-		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

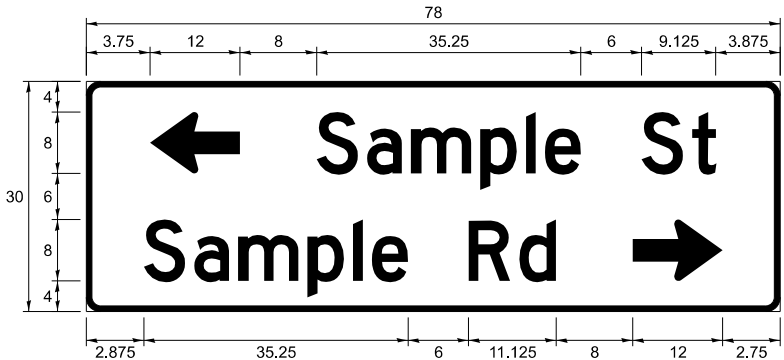
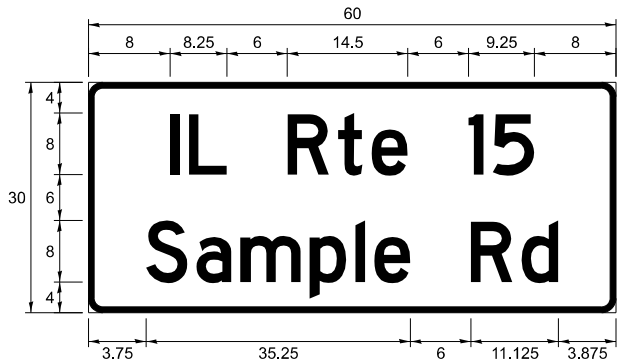
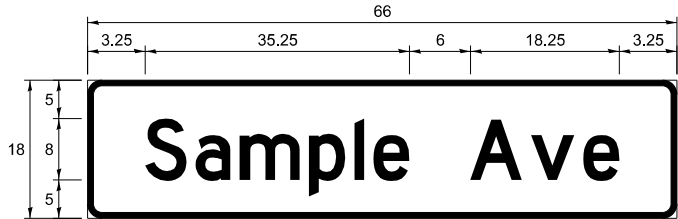
DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE SHEET 07 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	FAP 0397 23 SMART	COOK	111	110
TS-01		CONTRACT NO. 62V55		
ILLINOIS		FED. AID PROJECT		

SIGN PANEL - TYPE 1 OR TYPE 2

ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY REQUIRED
C OR D	-	1 OR 2	ZZ	-

COMMON STREET NAME ABBREVIATIONS

NAME	ABBREVIATION	LENGTH (INCH)	
		SERIES "C"	SERIES "D"
AVENUE	Ave	15	18.25
BOULEVARD	Blvd	17.125	20
CIRCLE	Cir	11.125	13
COURT	Ct	8.25	9.625
DRIVE	Dr	8.625	10.125
HIGHWAY	Hwy	18.375	22
ILLINOIS	IL	7	8.25
LANE	Ln	9.125	10.75
PARKWAY	Pkwy	23.375	27.375
PLACE	Pl	7.125	7.75
ROAD	Rd	9.625	11.125
ROUTE	Rte	12.625	14.5
STREET	St	8	9.125
TERRACE	Ter	12.625	14.625
TRAIL	Tr	7.75	9.125
UNITED STATES	US	10.375	12.25

GENERAL NOTES

- WHERE MAST ARM MOUNTED STREET NAME SIGNS ARE SPECIFIED, THE MAST ARM ASSEMBLY AND POLES SHALL BE DESIGNED TO SUPPORT THE LOADINGS CALLED FOR ONSTANDARDS 877001, 877002, 877006, 877011 AND 877012, AS APPLICABLE, PLUS TWO SIGN PANELS 2'-6" x 8'-0" MOUNTED AS SHOWN. THE DESIGN SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS" AS PUBLISHED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS FOR 80 M.P.H. WIND VELOCITY.
- ALL SIGNS SHALL CONSIST OF A WHITE LEGEND AND BORDER (TYPE ZZ SHEETING) ON A GREEN BACKGROUND (TYPE ZZ SHEETING)
- THE SIGN LENGTH SHALL BE IN 6-INCH INCREMENTS, BUT THE OVERALL LENGTH SHALL NOT EXCEED 8'-0". ALL BORDERS SHALL BE 3/4" WIDE. CORNER RADIUS SHALL BE 1-7/8". THE SPACING BETWEEN THE WORDS SHOULD BE 6", BUT MAY BE REDUCED TO 5" WHEN SPACING IS CRITICAL. THE SPACING BETWEEN THE LEFT OR RIGHT ARROW AND THE ADJACENT WORD SHOULD BE 8", BUT MAY BE REDUCED TO 6" WHEN SPACING IS CRITICAL. A MINIMUM OF 2-1/2" SHALL BE INCLUDED BETWEEN THE WORD AND THE RIGHT AND LEFT EDGES OF THE SIGN.
- THE PREFERRED METHOD FOR THE SIGN DESIGN IS TO USE THE SERIES "D" ALPHABET ON A ONE-LINE SIGN THAT IS 18" IN HEIGHT AND A MAXIMUM OF 8'-0" IN WIDTH. IF SERIES "D" DOES NOT FIT ON A 8'-0" SIGN, THEN SERIES "C" SHOULD BE TRIED. IF SERIES "C" DOES NOT FIT ON A ONE-LINE 8'-0" SIGN, A 30" HEIGHT TWO-LINE SIGN CAN BE USED. THE CROSSROAD DESIGNATION (I.E. STREET, AVENUE, ETC.) SHALL BE SPELLED OUT ON THE SECOND LINE, IF THE ABBREVIATION CANNOT FIT ON THE FIRST LINE.
- LED ILLUMINATED STREET NAME SIGNS CAN BE USED IN PLACE OF REGULAR SIGN PANELS BUT ANY SPECIAL WORDING AND SYMBOLOGY MUST BE APPROVED BY THE DEPARTMENT. GENERAL DESIGN REQUIREMENTS AS LISTED ABOVE (COLOR, FONT, SIZE, ETC.) MUST BE FOLLOWED.
- SIGNFIX ALUMINUM CHANNEL FRAMING SYSTEM SHALL BE USED FOR ALL SIGNS ATTACHED TO SIGNAL POLES AND POSTS.

LOCAL SUPPLIERS:

- J.O. HERBERT COMPANY, INC
MIDLOTHIAN, VA

- WESTERN REMAC, INC.
WOODRIDGE, IL

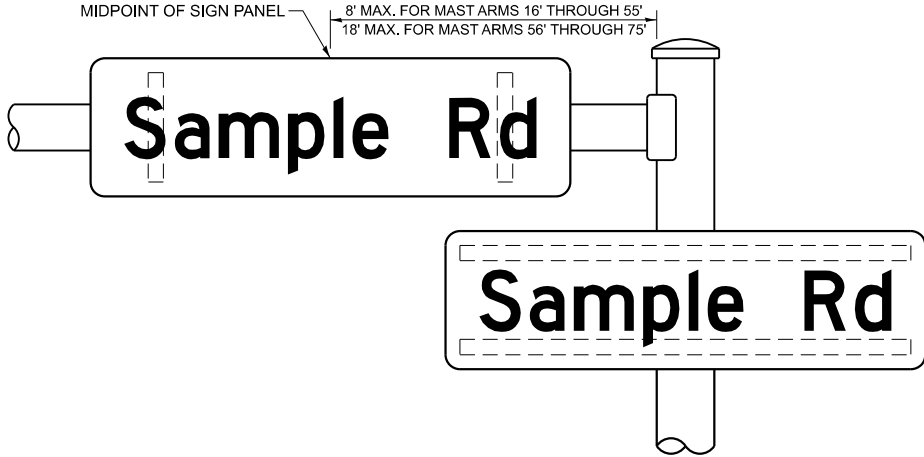
PARTS LISTING:

-SIGN CHANNEL PART #HPN053 (MED. CHANNEL)
-SIGN SCREWS 1/4" x 14 x 1" H.W.H. #3
SELF TAPPING WITH NEOPRENE WASHER
-BRACKETS PART #HPN034 (UNIVERSAL)
CHANNEL CLAMPS WITH STAINLESS STEEL STRAPPING

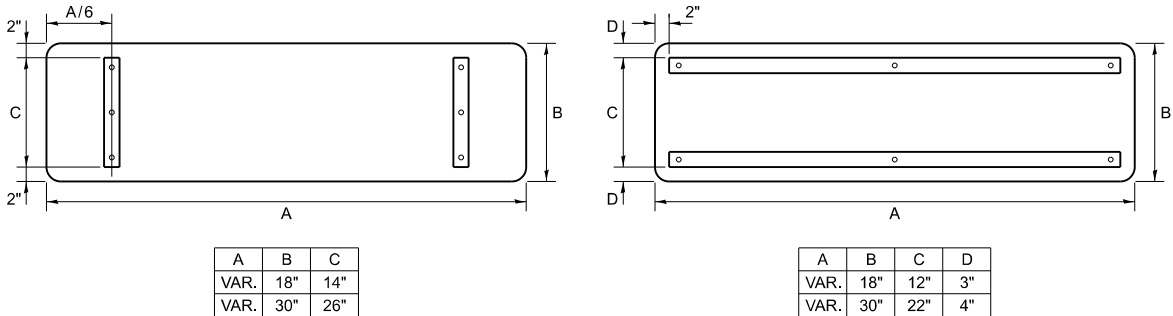
OTHER BRANDS OF MOUNTING HARDWARE ARE ACCEPTABLE, BASED UPON THE DEPARTMENT'S APPROVAL AND COMPATIBILITY WITH THE CHANNEL/BACKET OF THE ABOVE PRODUCT.

MOUNTING LOCATIONS

ARM OR POLE MOUNTED



SUPPORTING CHANNELS



STANDARD ALPHABETS SPACING CHART

MEASUREMENTS BASED ON 8" UPPER CASE LETTER HEIGHT

FHWA SERIES "C"				FHWA SERIES "D"			
CHARACTER	LEFT SPACING (INCH)	WIDTH (INCH)	RIGHT SPACING (INCH)	CHARACTER	LEFT SPACING (INCH)	WIDTH (INCH)	RIGHT SPACING (INCH)
A	0.240	5.122	0.240	A	0.240	6.804	0.240
B	0.880	4.482	0.480	B	0.960	5.446	0.400
C	0.720	4.482	0.720	C	0.800	5.446	0.800
D	0.880	4.482	0.720	D	0.960	5.446	0.800
E	0.880	4.082	0.480	E	0.960	4.962	0.400
F	0.880	4.082	0.240	F	0.960	4.962	0.240
G	0.720	4.482	0.720	G	0.800	5.446	0.800
H	0.880	4.482	0.880	H	0.960	5.446	0.960
I	0.880	1.120	0.880	I	0.960	1.280	0.960
J	0.240	4.082	0.880	J	0.240	5.122	0.960
K	0.880	4.482	0.480	K	0.960	5.604	0.400
L	0.880	4.082	0.240	L	0.960	4.962	0.240
M	0.880	5.284	0.880	M	0.960	6.244	0.960
N	0.880	4.482	0.880	N	0.960	5.446	0.960
O	0.720	4.722	0.720	O	0.800	5.684	0.800
P	0.880	4.482	0.720	P	0.960	5.446	0.240
Q	0.720	4.722	0.720	Q	0.800	5.684	0.800
R	0.880	4.482	0.480	R	0.960	5.446	0.400
S	0.480	4.482	0.480	S	0.400	5.446	0.400
T	0.240	4.082	0.240	T	0.240	4.962	0.240
U	0.880	4.482	0.880	U	0.960	5.446	0.960
V	0.240	4.962	0.240	V	0.240	6.084	0.240
W	0.240	6.084	0.240	W	0.240	7.124	0.240
X	0.240	4.722	0.240	X	0.400	5.446	0.400
Y	0.240	5.122	0.240	Y	0.240	6.884	0.240
Z	0.480	4.482	0.480	Z	0.400	5.446	0.400
a	0.320	3.842	0.640	a	0.400	4.562	0.720
b	0.720	4.082	0.480	b	0.800	4.802	0.480
c	0.480	4.002	0.240	c	0.480	4.722	0.240
d	0.480	4.082	0.720	d	0.480	4.802	0.800
e	0.480	4.082	0.320	e	0.480	4.722	0.320
f	0.320	2.480	0.160	f	0.320	2.882	0.160
g	0.480	4.082	0.720	g	0.480	4.802	0.800
h	0.720	4.082	0.640	h	0.800	4.722	0.720
i	0.720	1.120	0.720	i	0.800	1.280	0.800
j	0.000	2.320	0.720	j	0.000	2.642	0.800
k	0.720	4.322	0.160	k	0.800	5.122	0.160
l	0.720	1.120	0.720	l	0.800	1.280	0.800
m	0.720	6.724	0.640	m	0.800	7.926	0.720
n	0.720	4.082	0.640	n	0.800	4.722	0.720
o	0.480	4.082	0.480	o	0.480	4.882	0.480
p	0.720	4.082	0.480	p	0.800	4.802	0.480
q	0.480	4.082	0.720	q	0.480	4.802	0.800
r	0.720	2.642	0.160	r	0.800	3.042	0.160
s	0.320	3.362	0.240	s	0.320	3.762	0.240
t	0.080	2.882	0.080	t	0.080	3.202	0.080
u	0.640	4.082	0.720	u	0.720	4.722	0.800
v	0.160	4.722	0.160	v	0.160	5.684	0.160
w	0.160	7.524	0.160	w	0.160	9.046	0.160
x	0.000	5.202	0.000	x	0.000	6.244	0.000
y	0.160	4.962	0.160	y	0.160	6.004	0.160
z	0.240	3.362	0.240	z	0.240	4.002	0.240
1	0.720	1.680	0.880	1	0.800	2.000	0.960
2	0.480	4.482	0.480	2	0.800	5.446	0.800
3	0.480	4.482	0.480	3	1.440	5.446	0.800
4	0.240	4.962	0.720	4	0.160	6.004	0.960
5	0.480	4.482	0.480	5	0.800	5.446	0.800
6	0.720	4.482	0.720	6	0.800	5.446	0.800
7	0.240	4.482	0.720	7	0.560	5.446	0.560
8	0.480	4.482	0.480	8	0.800	5.446	0.800
9	0.480	4.482	0.480	9	0.800	5.446	0.800
0	0.720	4.722	0.720	0	0.800	5.684	0.800
-	0.240	2.802	0.240	-	0.240	2.802	0.240

MODEL: TS-02 [Sheet]
FILE NAME: c:\p\work\p\work\nicholas.babul\03324-sh-Ds\Signs.dgn

PLOT DATE = 6/24/2026	USER NAME = nicholas.babul	DESIGNED - IP	REVISED -
		DRAWN - IP	REVISED -
		CHECKED - NB/KK	REVISED -
	DATE - 10/15/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
MAST ARM MOUNTED STREET NAME SIGNS

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

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
397	FAP 0397 23 SMART	COOK	111	111
TS-02		CONTRACT NO. 62V55		
		ILLINOIS	FED. AID PROJECT	