04–25–2025 LETTING ITEM 028

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	1
	ILLINOIS	CONTRACT NO. 62V36		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED
HIGHWAY PLANS

ROUTE FAP 350: IL 50 (CICERO AVENUE)
95TH STREET (US 12 / US 20) TO 123RD PLACE
SECTION: FAP 0350 23 SMART
PROJECT: NHPP–QQU3(962)
SMART OVERLAY, ADA IMPROVEMENTS
COOK COUNTY

FOR INDEX OF SHEETS AND HIGHWAY STANDARDS, SEE SHEET NO. 2

THIS PROJECT IS LOCATED WITHIN THE MUNICIPAL LIMITS OF THE VILLAGE OF OAK LAWN, THE VILLAGE OF ALSIP, AND THE CITY OF CHICAGO.

TRAFFIC DATA

2023 ADT = 36,200 – 42,200 VPD
POSTED SPEED LIMIT = 35 MPH
OTHER PRINCIPAL ARTERIAL

LICENSED PROFESSIONAL ENGINEER
MUTHAYAB AHMED MOHAMMED
062-072419
OF ILLINOIS

MUTHAYAB AHMED MOHAMMED, P.E.
IL. LIC. NO. 062–072419
EXP: 11 / 30 / 2025
DATE: 01 / 22 / 2025
THIS SEAL AND SIGNATURE PERTAINS TO SHEETS 1–95, 127–144

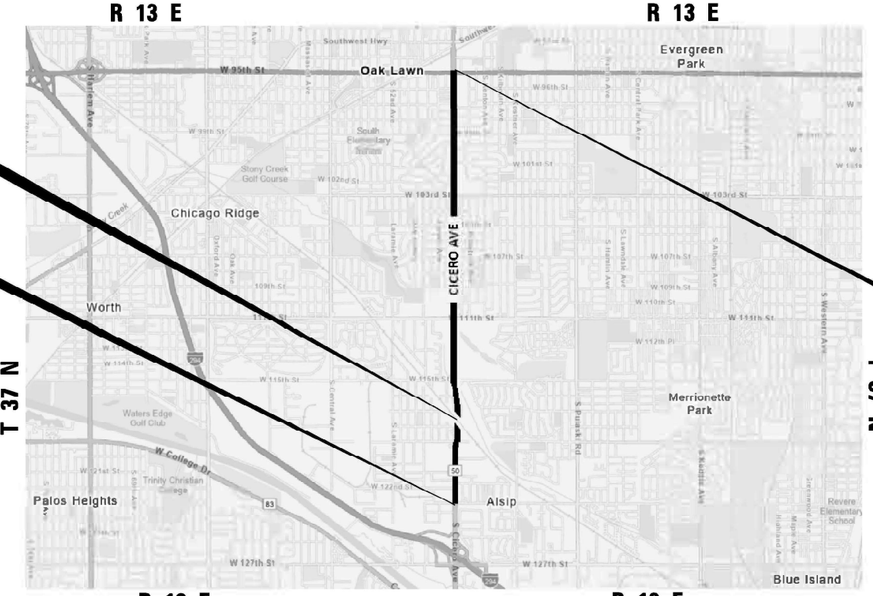
MICHAEL P. KELLY
062-054944
LICENSED PROFESSIONAL ENGINEER
STATE OF ILLINOIS

MICHAEL P. KELLY, P.E.
IL. LIC. NO. 062–054944
EXP: 11 / 30 / 2025
DATE: 01 / 22 / 2025
THIS SEAL AND SIGNATURE PERTAINS TO SHEETS 96–126

OMISSIONS
STA 48+15 TO 51+49

PROJECT BEGINS
STA 08+33

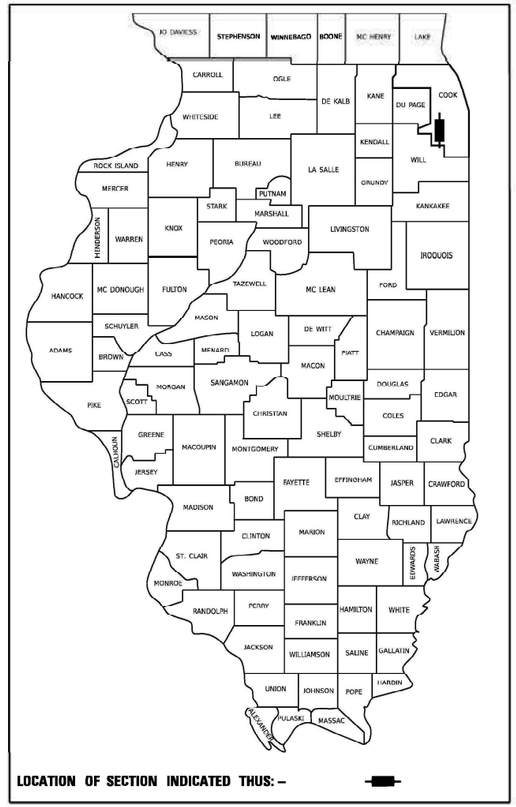
C–91–016–24



ALSIP, CHICAGO, AND OAK LAWN TOWNSHIPS

PROJECT ENDS
STA 200+98

D–91–014–24



LOCATION OF SECTION INDICATED THUS: –

100′	200′	300′	— 1″ = 100′
0 10′	20′	30′	— 1″ = 10′
0 50′	100′		— 1″ = 50′
0 50′	100′		— 1″ = 40′
0 50′	100′		— 1″ = 30′
0 50′	100′		— 1″ = 20′

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

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1–800–892–0123
C.U.A.N.
CHICAGO UTILITY ALERT NETWORK
1–312–744–7000
OR 811

LOCATION MAP
NOT TO SCALE

GROSS LENGTH = 19,265 FT. = 3.65 MILES
NET LENGTH = 18,931 FT. = 3.59 MILES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Jan 23rd 20 25
REGION 1 ENGINEER
March 21 20 25
ENGINEER OF DESIGN AND ENVIRONMENT
March 21 20 25
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PROJECT ENGINEER: RODRIGO LEDEZMA (847) 705–4580
PROJECT MANAGER: J. ALAIN MIDY (847) 221–3056

CONTRACT NO. 62V36

INFRASTRUCTURE ENGINEERING | INCORPORATED
1 South Wacker | Suite 2650 | Chicago, IL 60606
P 312.425.9560 | F 312.425.9564 | www.infrastructure-eng.com
CONTACT: ALEXANDER LANE (312) 477–0620

OSEH inc.
401 S CARLTON AVE
SUITE 201
WHEATON, IL 60187
WWW.OSEHINC.COM
CONTACT: MUTHAYAB MOHAMMED (312) 776–2168

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INDEX OF SHEETS

STATE STANDARDS

STANDARD NO.	DRAWING NAME
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
442201-03	CLASS C AND D PATCHES
604001-05	FRAMES AND LIDS TYPE 1
701101-05	OFF-RD OPERATION, MULTILANE, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS ≤ 40 MPH
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701602-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIECTIONAL LEFT TURN LANE
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701611-01	URBAN HALF ROAD CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-10	TRAFFIC CONTROL DEVICES
886001-01	DETECTOR LOOP INSTALLATIONS
886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS

CITY OF CHICAGO SPECIFIC NOTES

1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "C.U.A.N." (CHICAGO UTILITY ALERT NETWORK) AT (312)744-7000 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. (48 HOUR NOTIFICATION IS REQUIRED).
2. THE CITY OF CHICAGO IS TO MAKE ADJUSTMENTS TO THEIR STREET LIGHTING AND/OR TRAFFIC SIGNAL FACILITIES. THE CONTRACTOR SHALL COORDINATE HIS WORK AND COOPERATE WITH THE CITY OF CHICAGO IN THESE ADJUSTMENTS. THIS COORDINATION AND COOPERATION BY THE CONTRACTOR WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE COSTS OF THE CONTRACT.
3. PERMITS FROM THE DEPARTMENT OF SEWERS ARE REQUIRED FOR ALL UNDERGROUND STORM, SANITARY OR COMBINED SEWER SYSTEM CONSTRUCTION, AND FOR RESURFACING WORK INVOLVING ADJUSTMENT OF SEWER STRUCTURES. THE DEPARTMENT OF SEWERS' PERMIT MUST BE OBTAINED BY A LICENSED SEWER DRAIN LAYER PRIOR TO START OF CONSTRUCTION.
4. CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY OF CHICAGO AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.
5. OPEN LID DRAINAGE STRUCTURES SHALL NOT BE CLOSED, COVERED OR OTHERWISE OBSTRUCTED DURING CONSTRUCTION OF THIS ROADWAY WITHOUT THE WRITTEN PERMISSION FROM THE CITY OF CHICAGO.

GENERAL NOTES

1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT (800) 892-0123 OR 811
2. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND VILLAGE OF OAK LAWN, VILLAGE OF ALSIP, AND THE CITY OF CHICAGO.
3. FRAME AND GRATE ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE LIMITS OF THE IMPROVEMENTS SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT.
4. THE CONTRACTOR SHALL CONTACT THE IDOT ARTERIAL DISTRICT ONE TRAFFIC CONTROL SUPERVISOR KALPANA KANNAN-HOSADURGA AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
5. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT THE WRITTEN PERMISSION OF THE DEPARTMENT.
6. OVERNIGHT LANE CLOSURES SHALL NOT BE ALLOWED FOR REHABILITATION PROJECTS INVOLVING DAYTIME MILLING AND RESURFACING OPERATIONS AND CLASS D PATCHING UNLESS OTHER CONDITIONS WARRANT EXTENDED LANE CLOSURES AS DETERMINED AND APPROVED IN WRITING BY THE RESIDENT ENGINEER OR AS PROVIDED FOR IN THE CONTRACT SPECIFICATIONS.
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.
8. 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.
9. 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.
10. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
11. PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER / TECHNICIANS.
12. LOCATIONS OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT, WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER / TECHNICIAN.
13. CATCH BASINS, MANHOLES, INLETS, DRAINAGE STRUCTURES AND VALVE VAULTS ADJUSTMENT AND/OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER / TECHNICIAN.
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.
15. WHEN MILLED PAVEMENT OPENS TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1½ INCHES WHERE THE SPEED LIMIT IS 45 MPH OR LESS, AND 1 INCH WHERE THE SPEED LIMIT IS OVER 45 MPH. WITH WRITTEN APPROVAL FROM THE RESIDENT ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM OF 1V:3H.
16. BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) IN ACCORDANCE WITH THE D1 DETAIL BD-32 "BUTT JOINT AND HMA TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
17. THE RESIDENT ENGINEER SHALL CONTACT EMAD ALHUSSEINI, AREA TRAFFIC FIELD ENGINEER, VIA E-MAIL AT EMAD.ALHUSSEINI@ILLINOIS.GOV, A MINIMUM OF 2 WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
18. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
19. ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED BY CONTRACTOR AT NO ADDITIONAL COST TO THE DEPARTMENT.
20. ANY PAVEMENT MARKINGS OBLITERATED BY MILLING AND RESURFACING OPERATIONS DUE TO CONTRACTOR ERROR ON SIDE STREETS AND ENTRANCES SHALL BE REPLACED BY CONTRACTOR WITH NO COST TO THE DEPARTMENT.
21. PAVEMENT MARKING TAPE, TYPE IV SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.
22. THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS THAT WILL NOT BE REMOVED INCLUDING PREVIOUSLY SEEDED AREAS. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTOR'S OWN EXPENSE TO THE SATISFACTION OF THE ENGINEER.
23. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION.
24. ALL CAST OPEN LIDS FOR FRAMES, TYPE 1, WITHIN CURB RAMPS FOR SIDEWALK, SHALL BE "ADA COMPLIANT" CAST OPEN LIDS PER HIGHWAY STANDARD 604001.
25. ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF THE CURB OR DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER, SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN PAY ITEM "TRAFFIC CONTROL AND PROTECTION" UNDER STANDARDS 701606, 701601, 701602, 701611, 701701, 701801.
26. ALL MILLED SURFACES SHALL BE AT A UNIFORM CROSS SLOPE PER LANE AND FREE OF RIDGES BETWEEN PASSES. ANY DEVIATIONS SHALL BE CORRECTED AT NO COST TO THE DEPARTMENT.
27. ALL RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED IN ACCORDANCE WITH TC-11, "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" STANDARD DETAIL.
28. TREES THREE (3) INCHES OR GREATER IN DIAMETER AT 4.5' OFF THE GROUND SHALL BE CLEARED ONLY FROM NOVEMBER 1 TO MARCH 31 OF ANY GIVEN YEAR.
29. THE CONTRACTOR SHALL TAKE CARE IN GRADING AND EXCAVATING NEAR TREES WHICH ARE NOT MARKED FOR REMOVAL SO AS NOT TO CAUSE INJURY TO THE ROOT SYSTEM OF TRUNKS. ANY DAMAGE DONE TO EXISTING ITEM BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
30. EXISTING VEGETATED AREAS (TREE, SHRUBS, VEGETATIVE BUFFERS, TURF AREAS, ETC.) WHERE DISTURBANCE IS NOT OCCURRING (INCLUDING AREAS OUTSIDE THE PROJECT LIMITS) SHALL NOT BE DISTURBED TO ENSURE THAT EXISTING VEGETATION IS PRESERVED HEALTHY TO MINIMIZE SOIL EROSION AND ELIMINATE SOIL COMPACTION. NO MATERIALS ARE TO BE STORED OR VEHICLES DRIVEN OR PARKED WITHIN THESE UNDISTURBED AREAS AT ANY TIME.
31. THE CONTRACTOR WILL CONTACT THE ROADSIDE DEVELOPMENT UNIT AT 847.705.4171, AT LEAST 7 DAYS PRIOR TO DOING FORESTRY AND HERBICIDE WORK FOR LAYOUT.
32. THE CONTRACTOR SHALL OBSERVE AND COMPLY WITH ALL SECTIONS OF THE ILLINOIS CUSTOM SPRAY LAW, INCLUDING LICENSING. CONTRACTOR PERSONNEL APPLYING HERBICIDES SHALL HAVE A VALID PESTICIDE APPLICATOR LICENSE ISSUED BY THE ILLINOIS DEPARTMENT OF AGRICULTURE. THE LICENSED PESTICIDE APPLICATOR SHALL SUBMIT THEIR CURRENT LICENSE TO THE ENGINEER. THE LICENSED PESTICIDE APPLICATOR SHALL BE QUALIFIED AT A MINIMUM IN RIGHT-OF-WAY AND AQUATICS. THE LICENSED APPLICATOR SHALL WORK ON-SITE.
33. PHOSPHORUS FERTILIZER HAS BEEN INTENTIONALLY OMITTED FROM THE CONTRACT DUE TO THE PROXIMITY TO THE EXISTING WETLANDS/BODIES OF WATER. A PHOSPHORUS-FREE FERTILIZER SHALL BE USED (MIDDLE NUMBER SHOULD EQUAL 0).
34. THE CONTRACTOR WILL CONTACT THE ROADSIDE DEVELOPMENT UNIT AT 847.705.4171, AT LEAST 7 DAYS PRIOR TO INTERSEEDING CLASS 4A (MODIFIED) AND CLASS 5 (MODIFIED) FOR LAYOUT.

OSEH inc. 425 S CARLTON AVE SUITE 200 WHEATON, IL 60187 WWW.OSEHINC.COM

USER NAME = AsinatiAndrew	DESIGNED - AD	REVISED -	
	DRAWN - AD	REVISED -	
PLOT SCALE = 50.0000 ' / in.	CHECKED - MM	REVISED -	
PLOT DATE = 3/13/2025	DATE - 01/24/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES
CICERO AVE (95TH STREET TO 123RD PLACE)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	2
		CONTRACT NO. 62V36		
		ILLINOIS	FED. AID PROJECT	

REV-SEP

				CONSTRUCTION CODE		
				0005		0021
PAY ITEM NUMBER	DESIGNATION	UNIT	TOTAL QUANTITY	80% FEDERAL 20% STATE	100% STATE	80% FEDERAL 20% STATE
20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	15	15		
25000210	SEEDING, CLASS 2A	ACRE	0.25	0.25		
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	20	20		
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	23	23		
20101700	SUPPLEMENTAL WATERING	UNIT	1	1		
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	23	23		
20200100	EARTH EXCAVATION	CU YD	365	365		
25100630	EROSION CONTROL BLANKET	SQ YD	1,210	1,210		
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	1,265	1,265		
25200110	SODDING, SALT TOLERANT	SQ YD	54	54		
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	70,390	70,390		
40600370	LONGITUDINAL JOINT SEALANT	FOOT	119,834	119,834		
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	283	283		
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	1,266	1,266		
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	187	187		
40605026	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80	TON	16,596	16,596		
42101300	PROTECTIVE COAT	SQ YD	3,379	3,379		
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	23,364	23,364		
42400800	DETECTABLE WARNINGS	SQ FT	1,560	1,560		
44000156	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"	SQ YD	164,449	164,449		
44000600	SIDEWALK REMOVAL	SQ FT	22,638	22,638		
44002213	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 3 1/4"	SQ YD	4,150	4,150		
44201749	CLASS D PATCHES, TYPE I, 9 INCH	SQ YD	550	550		
44201753	CLASS D PATCHES, TYPE II, 9 INCH	SQ YD	1,100	1,100		
44201757	CLASS D PATCHES, TYPE III, 9 INCH	SQ YD	1,300	1,300		
44201759	CLASS D PATCHES, TYPE IV, 9 INCH	SQ YD	1,200	1,200		
60250200	CATCH BASINS TO BE ADJUSTED	EACH	5	5		

				CONSTRUCTION CODE		
				0005		0021
PAY ITEM NUMBER	DESIGNATION	UNIT	TOTAL QUANTITY	80% FEDERAL 20% STATE	100% STATE	80% FEDERAL 20% STATE
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	5	5		
60255500	MANHOLES TO BE ADJUSTED	EACH	8	8		
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	5	5		
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	16	16		
60266600	VALVE BOXES TO BE ADJUSTED	EACH	18	18		
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	3	3		
60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	8	8		
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	8	8		
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	365	365		
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	10	10		
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1		
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1		
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	45	45		
67100100	MOBILIZATION	L SUM	1	1		
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1		
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	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	201,613	201,613		
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	33,602	33,602		
70300211	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS - PAINT	SQ FT	8,019	8,019		

* SPECIALTY ITEM

MODEL: $MODELNAME$
FILE NAME: Z:\Shared\Projects\ILDOT\ERC-002-00003 Design\02 CADD Sheets\CICERO AVENUE\D162V36-int SOQ 01.dgn

OSEH inc. 485 S CARLSON AVE SUITE 101 WAUKEGAN, IL 60087 WWW.OSEHINC.COM

USER NAME = AlexDefrancesco	DESIGNED - AD	REVISED -	
	DRAWN - AD	REVISED -	
PLOT SCALE = 50.0000 ' / in.	CHECKED - MM	REVISED -	
PLOT DATE = 1/28/2025	DATE - 01/24/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
CICERO AVE (95TH STREET TO 123RD PLACE)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	3
		CONTRACT NO. 62V36		
	ILLINOIS	FED. AID PROJECT		

REV-SEP

				CONSTRUCTION CODE		
				0005		0021
PAY ITEM NUMBER	DESIGNATION	UNIT	TOTAL QUANTITY	80% FEDERAL 20% STATE	100% STATE	80% FEDERAL 20% STATE
70300221	TEMPORARY PAVEMENT MARKING - LINE 4"- PAINT	FOOT	199,086	199,086		
70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	24,498	24,498		
70300251	TEMPORARY PAVEMENT MARKING - LINE 8"- PAINT	FOOT	423	423		
70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	29,817	29,817		
70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	6,615	6,615		
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	2,673	2,673		
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	66,362	66,362		
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	8,166	8,166		
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	141	141		
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	9,939	9,939		
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	2,205	2,205		
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	2,341	2,341		
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	2,341	2,341		
* 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	610			610
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	12			12
* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	12,490			12,490
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1,473			1,473
* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	420			420
* 87900200	DRILL EXISTING HANDHOLE	EACH	42			42
* 89500200	RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	9			9
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	12			12
* 89502376	REBUILD EXISTING HANDHOLE	EACH	8	8		
K0026700	TREE CARE	EACH	6	6		
X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1	1		
K0029614	WEED CONTROL, AQUATIC	GALLON	2.5	2.5		

				CONSTRUCTION CODE		
				0005		0021
PAY ITEM NUMBER	DESIGNATION	UNIT	TOTAL QUANTITY	80% FEDERAL 20% STATE	100% STATE	80% FEDERAL 20% STATE
K0029629	WEED CONTROL, BROADLEAF IN TURF	POUND	1	1		
* X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	11,880			11,880
K1004595	PRUNING FOR SAFETY AND EQUIPMENT CLEARANCE	L SUM	1	1		
X0327611	REMOVE AND REINSTALL BRICK PAVER	SQ FT	454	454		
X0325896	WEED CONTROL TOTAL VEGETATION	GALLON	3	3		
* X1400367	PEDESTRIAN SIGNAL POST, 10 FT.	EACH	15			15
X2010100	TREE LIMB REMOVAL (4 TO 10 INCHES DIAMETER)	EACH	2	2		
* X1400378	PEDESTRIAN SIGNAL POST, 5 FT.	EACH	27			27
X2010350	TREE REMOVAL, ACRES (SPECIAL)	ACRE	0.25	0.25		
X4240800	DETECTABLE WARNINGS (SPECIAL)	SQ FT	50	50		
X2010516	SELECTIVE CLEARING	UNIT	1	1		
X4400501	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT LESS THAN OR EQUAL TO 10 FEET	FOOT	8	8		
X2503110	MOWING (SPECIAL)	ACRE	5	5		
X4400503	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT GREATER THAN 10 FEET	FOOT	3,591	3,591		
X2503314	INTERSEEDING, CLASS 4 (MODIFIED)	ACRE	1.15	1.15		
X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	3,000		3,000	
X2503321	INTERSEEDING, CLASS 5 (MODIFIED)	ACRE	1.15	1.15		
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	290	290		
X6700407	ENGINEER'S FIELD OFFICE, TYPE A (D1)	CAL MO	12	12		
X7200061	TEMPORARY INFORMATION SIGNING	SQ FT	825	825		
* X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	78			78
* X8780012	CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	168			168
* X8860105	DETECTOR LOOP REPLACEMENT	FOOT	7,115			7,115
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	250		250	
* Z0033044	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	12			12
Ø Z0076600	TRAINEES	HOUR	500	500		
Ø Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOUR	500	500		

* SPECIALTY ITEM

Ø 0042

MODEL: $MODELNAME$
FILE NAME: Z:\Shared\Projects\IDOT\EIC-002-000003_Design\02_CADD Sheets\CICERO AVENUE\D162V36-sht SOQ 02.dgn

OSEH inc. 485 S CARLSON AVE SUITE 200 WHEATON, IL 60187 www.OSEHINC.COM

USER NAME = AlexDefrancesco	DESIGNED - AD	REVISED -	
	DRAWN - AD	REVISED -	
PLOT SCALE = 50.0000 ' / in.	CHECKED - MM	REVISED -	
PLOT DATE = 1/29/2025	DATE - 01/24/2025	REVISED -	

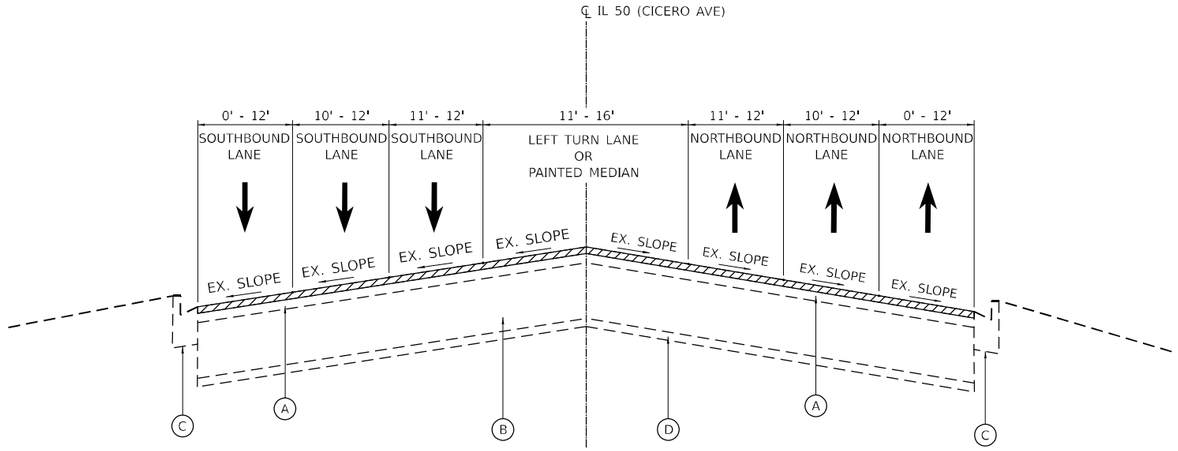
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
CICERO AVE (95TH STREET TO 123RD PLACE)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	4
		CONTRACT NO. 62V36		
	ILLINOIS	FED. AID PROJECT		

REV-SEP

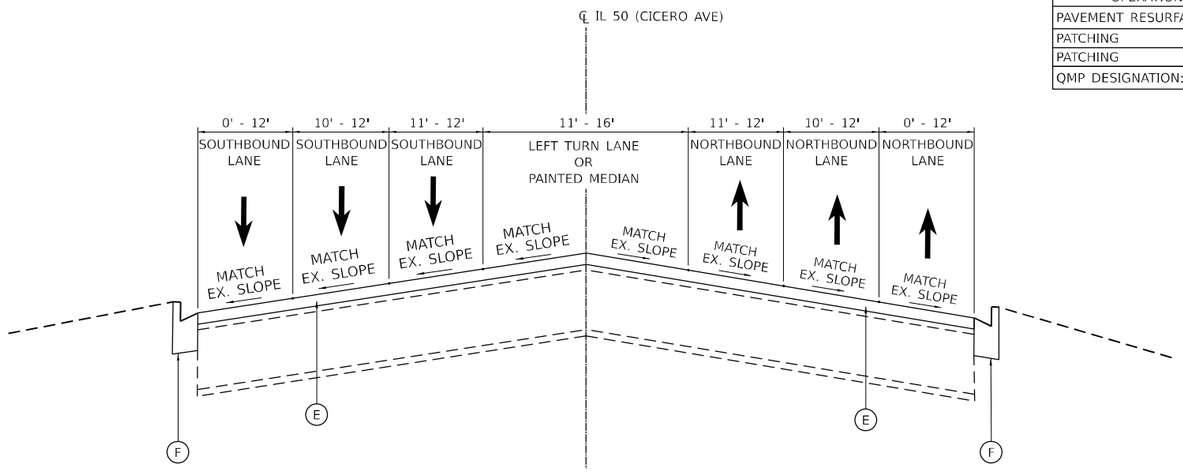


EXISTING IL 50 (CICERO AVE)

STA. 08+33 TO STA. 41+00
STA. 66+75 TO STA. 201+03

LEGEND

- (A) EXISTING HMA SURFACE (VARIES 1 ¼" TO 3 ¼")
- (B) EXISTING PCC BASE COURSE (9")
- (C) EXISTING COMBINATION CONCRETE CURB AND GUTTER
- (D) EXISTING SUB-BASE GRANULAR MATERIAL
- (E) PROPOSED POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1¾"
- (F) PROPOSED COMBINATION CONCRETE CURB AND GUTTER
- 1 ¾" HMA SURFACE REMOVAL



PROPOSED IL 50 (CICERO AVE)

STA. 08+33 TO STA. 41+00
STA. 66+75 TO STA. 201+03

HOT-MIX ASPHALT MIXTURE REQUIREMENTS			
OPERATION	MIXTURE TYPE	AIR VOIDS @ Ndes	QMP
PAVEMENT RESURFACING	POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1¾"	3.5% @ 80 GYR.	PFP
PATCHING	CLASS D PATCHES (HMA BINDER IL-19 MM)	4% @ 90 GYR.	QC/QA
PATCHING	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES (HMA BINDER IL-19.0)	4% @ 90 GYR.	QC/QA
QMP DESIGNATION: QUALITY CONTROL / QUALITY ASSURANCE (QA/QC); QUALITY CONTROL FOR PERFORMANCE (QCP); PAY FOR PERFORMANCE (PFP)			

NOTES

1. THE UNIT WEIGHT TO BE USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.
3. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER MILLED SURFACE AND SHALL BE PAID FOR AS "LONGITUDINAL JOINT SEALANT."
4. CONTRACTOR SHALL PATCH FIRST BEFORE MILLING. SEE BD-22 FOR ADDITIONAL INFORMATION.

MODEL: \$MODELNAME\$
FILE NAME: Z:\Shared\Projects\DOT\D-91-032-23 - IE\03 Design\02 CADD Sheets\CICERO AVENUE\D1627364-PE_TYP 01.dgn

OSEH inc. 601 S CARLTON AVE SUITE 200 WHEATON, IL 60187 WWW.OSEHINC.COM

USER NAME = AlexDefrancesco	DESIGNED - AD	REVISED -	
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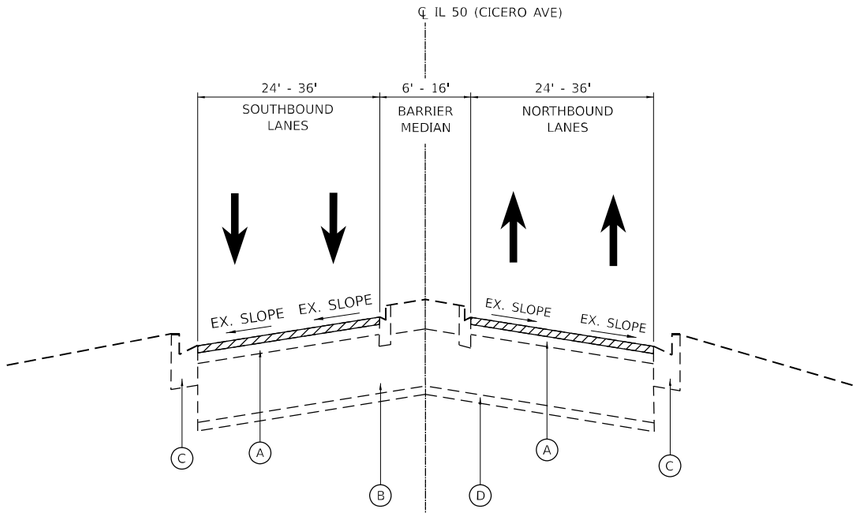
PLOT SCALE = 50.0000 ' / in.	CHECKED - MM	REVISED -	
PLOT DATE = 1/24/2025	DATE - 01/24/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY TYPICAL SECTION
CICERO AVE (95TH STREET TO 123RD PLACE)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	5
		CONTRACT NO. 62V36		
	ILLINOIS	FED. AID PROJECT		

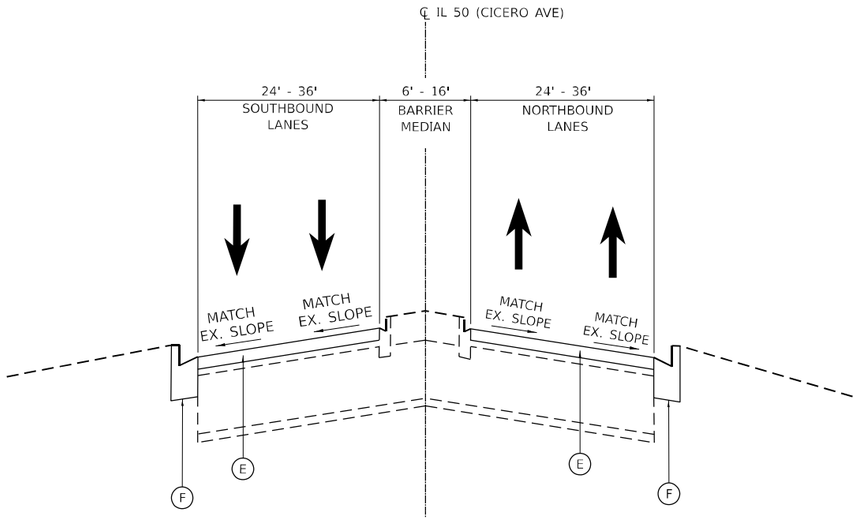


EXISTING IL 50 (CICERO AVE)

STA. 41+00 TO STA. 48+15
STA. 51+49 TO STA. 66+75

LEGEND

- (A) EXISTING HMA SURFACE (VARIES 1 ¼" TO 3 ¼")
- (B) EXISTING PCC BASE COURSE (9")
- (C) EXISTING COMBINATION CONCRETE CURB AND GUTTER
- (D) EXISTING SUB-BASE GRANULAR MATERIAL
- (E) PROPOSED POLYMERIZED HMA SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1¾"
- (F) PROPOSED COMBINATION CONCRETE CURB AND GUTTER
- 1 ¾" HMA SURFACE REMOVAL



PROPOSED IL 50 (CICERO AVE)

STA. 41+00 TO STA. 48+15
STA. 51+49 TO STA. 66+75

NOTES

1. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER MILLED SURFACE AND SHALL BE PAID FOR AS "LONGITUDINAL JOINT SEALANT."
2. CONTRACTOR SHALL PATCH FIRST BEFORE MILLING. SEE BD-22 FOR ADDITIONAL INFORMATION.

MODEL: $MODELNAME$
FILE NAME: Z:\Shared Projects\IDOT\D-91-032-23 - IE\03 Design\02 CADD Sheets\CICERO AVENUE\D 62V36 sht TYP 02.dgn

OSEH inc. 601 S CARLTON AVE SUITE 200 WHEATON, IL 60187 WWW.OSEHINC.COM

USER NAME = AlexDefrancesco	DESIGNED - AD	REVISED -	
	DRAWN - AD	REVISED -	
PLOT SCALE = 50.0000 ' / in.	CHECKED - MM	REVISED -	
PLOT DATE = 1/24/2025	DATE - 01/24/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY TYPICAL SECTION
CICERO AVE (95TH STREET TO 123RD PLACE)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	6
		CONTRACT NO. 62V36		
	ILLINOIS	FED. AID PROJECT		

HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT			
LOCATION	LT/RT	STATION	SQ YD
CICERO AVE	CL	08+33	42.0
123RD PL	LT	10+00	15.3
123RD ST	LT	13+90	24.6
123RD ST	RT	13+90	28.6
122ND ST	LT	20+60	21.4
122ND ST	RT	22+55	8.6
121ST PL	LT	23+88	7.6
120TH ST	RT	33+15	17.6
TARGET	LT	36+48	17.4
119TH ST	LT	40+60	23.9
119TH ST	RT	40+60	16.4
CICERO AVE	CL	48+15	45.8
CICERO AVE	CL	51+49	45.9
111TH ST	LT	93+77	32.6
111TH ST	RT	93+77	39.0
110TH ST	LT	100+30	23.2
110TH ST	RT	100+48	23.8
MARIANOS	LT	102+90	16.3
109TH ST	RT	107+14	23.5
109TH ST	LT	107+14	24.4
108TH ST	LT	113+79	24.4
108TH ST	RT	113+79	23.9
107TH ST	LT	120+50	16.8
107TH ST	RT	120+50	17.0
106TH PL	LT	123+80	24.7
106TH PL	RT	123+80	23.4
106TH ST	LT	127+07	24.7
106TH ST	RT	127+18	14.6
105TH PL	LT	130+51	25.0
105TH PL	RT	130+51	24.0
105TH ST	LT	133+85	26.4
105TH ST	RT	133+85	23.7
104TH ST	LT	140+54	24.9
104TH ST	RT	140+54	24.5
103RD ST	LT	147+05	33.1
103RD ST	RT	147+18	31.5
101ST ST	RT	161+15	16.2
99TH ST	LT	173+63	8.8
99TH ST	RT	173+63	17.6
98TH PL	LT	176+95	24.6
98TH PL	RT	176+95	13.8
98TH ST	LT	180+25	24.3
98TH ST	RT	181+00	24.3
97TH PL	RT	185+23	24.3
97TH ST	LT	186+83	24.3
96TH PL	LT	190+17	24.3
96TH ST	LT	193+47	20.7
96TH ST	RT	193+47	29.2
95TH ST	LT	200+15	41.3
95TH ST	RT	200+15	47.3
CICERO AVE	CL	200+98	44.2
		TOTAL	1,266

SIDEWALK REMOVAL				
LOCATION	LT/RT	CORNER	STATION	SQ FT
123RD PL	LT	SW	9+71	133.2
123RD PL	LT	NW	10+30	138.7
123RD ST	LT	SW	13+15	68.2
123RD ST	LT	NW	14+44	236.0
123RD ST	RT	NE	14+44	206.6
122ND ST	LT	NW	20+90	188.9
122ND ST	RT	SE	22+27	230.1
122ND ST	RT	NE	22+87	76.8
121ST PL	LT	SW	23+62	147.0
121ST PL	LT	NW	24+24	31.6
HOME DEPOT	LT	NW	30+67	97.4
HOME DEPOT	LT	W	30+20	51.4
HOME DEPOT	LT	SW	29+77	72.9
120TH ST	LT	NW	33+60	90.7
120TH ST	LT	SW	32+85	147.2
120TH ST	RT	NE	33+60	226.3
120TH ST	RT	SE	32+85	94.1
115TH ST	RT	NE	67+86	127.1
HANGER CLINIC	RT	E	78+27	226.5
ALDI	LT	SW	80+62	74.3
ALDI	LT	NW	81+20	90.5
111TH ST	LT	SW	93+15	245.0
111TH ST	LT	NW	94+33	974.4
111TH ST	RT	NE	94+33	311.9
111TH ST	RT	NE	94+33	191.5
111TH ST	RT	SE	93+15	188.1
110TH ST	RT	SE	100+15	370.5
110TH ST	RT	NE	100+88	230.3
109TH ST	LT	NW	107+49	290.3
109TH ST	LT	SW	106+85	237.7
109TH ST	RT	NE	107+49	259.0
109TH ST	RT	SE	106+85	326.7
108TH ST	LT	NW	114+18	284.1
108TH ST	LT	SW	113+51	264.9
108TH ST	RT	NE	114+18	211.0
108TH ST	RT	SE	113+51	226.3
107TH ST	LT	NW	120+92	290.1
107TH ST	LT	SW	120+10	238.8
107TH ST	RT	NE	120+92	280.7
107TH ST	RT	SE	120+10	278.2
106TH PL	LT	NW	124+19	406.5
106TH PL	LT	SW	123+56	185.8
106TH PL	RT	NE	124+19	189.4
106TH PL	RT	SE	123+56	147.2
106TH ST	LT	NW	127+50	238.9
106TH ST	LT	SW	126+80	273.1
106TH ST	RT	NE	127+50	323.2
106TH ST	RT	SE	126+80	204.6
105TH PL	LT	SW	130+21	75.0
105TH PL	RT	NE	130+82	140.6
105TH PL	RT	SE	130+21	155.4

SIDEWALK REMOVAL				
LOCATION	LT/RT	CORNER	STATION	SQ FT
105TH ST	LT	NW	134+17	233.8
105TH ST	LT	SW	133+50	365.0
105TH ST	RT	NE	134+17	271.9
105TH ST	RT	SE	133+50	172.6
104TH ST	LT	NW	140+85	242.2
104TH ST	LT	SW	140+22	181.8
104TH ST	RT	NE	140+85	261.0
104TH ST	RT	SE	140+22	198.2
103RD ST	LT	NW	147+80	449.3
103RD ST	LT	SW	146+63	254.1
103RD ST	RT	NE	147+80	477.4
103RD ST	RT	SE	146+63	434.9
ROSIE'S	RT	NE	150+63	96.7
ROSIE'S	RT	SE	150+16	59.9
102ND ST	LT	SW	149+95	113.7
RELIABLE PLUMBING	RT	NE	160+15	128.3
RELIABLE PLUMBING	RT	SE	159+60	120.3
101ST ST	RT	NE	161+50	299.9
101ST ST	RT	SE	160+85	297.9
RIDGE GARDEN	RT	E	164+64	90.8
99TH ST	LT	NW	173+90	271.5
99TH ST	LT	SW	173+20	194.8
99TH ST	RT	NE	173+90	325.0
99TH ST	RT	SE	173+20	323.1
98TH PL	LT	NW	177+20	280.0
98TH PL	LT	SW	176+96	361.0
98TH PL	RT	NE	177+20	164.2
98TH PL	RT	SE	176+96	303.1
98TH ST	LT	NW	180+50	223.2
98TH ST	LT	SW	179+90	166.2
98TH ST	RT	NE	181+42	265.4
98TH ST	RT	SE	180+70	261.9
97TH PL	LT	SW	183+30	285.0
97TH PL	LT	NW	183+70	340.0
97TH PL	RT	SE	184+91	268.9
97TH PL	RT	NE	185+58	179.6
97TH ST	LT	SW	186+58	330.0
97TH ST	LT	NW	187+20	176.2
96TH PL	LT	NW	190+50	153.4
96TH PL	LT	SW	189+85	226.0
96TH PL	RT	NE	190+35	150.6
96TH PL	RT	SE	189+50	101.5
96TH ST	LT	NW	193+85	203.4
96TH ST	LT	SW	193+20	176.8
96TH ST	RT	NE	193+85	71.5
96TH ST	RT	SE	193+00	66.6
95TH ST	LT	NW	200+75	280.0
95TH ST	LT	SW	199+55	235.0
95TH ST	RT	NE	200+75	263.3
95TH ST	RT	SE	199+55	446.7
			TOTAL	22,638

MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	
LOCATION	EACH
CICERO AVE @ 123RD ST	1
CICERO AVE @ 122ND ST	1
CICERO AVE @ 120TH ST	1
CICERO AVE @ 115TH ST	1
CICERO AVE @ 113TH ST	1
CICERO AVE @ 111TH ST	1
CICERO AVE @ 110TH ST	1
CICERO AVE @ 107TH ST	1
CICERO AVE @ 105TH ST	1
CICERO AVE @ 103RD ST	1
CICERO AVE @ 99TH ST	1
CICERO AVE @ 95TH ST	1
TOTAL	12

MODEL: $MODELNAME$
FILE NAME: Z:\Shared\Projects\IDOT\D-91-032-23 - JEI\03 Design\02 CADD Sheets\CICERO AVE\NJE1D162V36-rht_SCO_01.dgn

OSEH inc. 401 S CARLTON AVE SUITE 201 WHEATON, IL 60187 www.osehinc.com

USER NAME = AlexDefrancesco	DESIGNED - AD	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY SCHEDULE OF QUANTITIES CICERO AVE (95TH STREET TO 123RD PLACE)
	DRAWN - AD	REVISED -		
PLOT SCALE = 50.0000 ' / in.	CHECKED - MM	REVISED -		
PLOT DATE = 1/24/2025	DATE - 01/24/2025	REVISED -		SCALE: NTS SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	7
		CONTRACT NO. 62V36		
		ILLINOIS	FED. AID PROJECT	

DETECTIBLE WARNINGS				
LOCATION	LT/RT	CORNER	STATION	SQ FT
123RD PL	LT	SW	9+71	14.8
123RD PL	LT	NW	10+30	13.1
123RD ST	LT	SW	13+45	10.3
123RD ST	LT	NW	14+44	22.1
123RD ST	RT	NE	14+44	13.0
122ND ST	LT	NW	20+90	12.0
122ND ST	RT	SE	22+27	14.1
122ND ST	RT	NE	22+87	10.3
121ST PL	LT	SW	23+62	14.6
121ST PL	LT	NW	24+24	13.0
HOME DEPOT	LT	NW	30+67	18.2
HOME DEPOT	LT	W	30+20	20.0
HOME DEPOT	LT	SW	29+77	15.4
120TH ST	LT	NW	33+60	23.1
120TH ST	LT	SW	32+85	18.9
120TH ST	RT	NE	33+60	19.0
120TH ST	RT	SE	32+85	9.7
115TH ST	RT	NE	67+86	10.0
HANGER CLINIC	RT	E	78+27	10.0
ALDI	LT	SW	80+62	10.0
ALDI	LT	NW	81+20	10.0
111TH ST	LT	SW	93+15	23.5
111TH ST	LT	NW	94+33	28.4
111TH ST	RT	NE	94+33	46.2
111TH ST	RT	NE	94+33	14.3
111TH ST	RT	SE	93+15	24.5
110TH ST	RT	SE	100+15	20.1
110TH ST	RT	NE	100+88	19.3
109TH ST	LT	NW	107+49	10.6
109TH ST	LT	SW	106+85	10.8
109TH ST	RT	NE	107+49	12.6
109TH ST	RT	SE	106+85	10.0
108TH ST	LT	NW	114+18	10.5
108TH ST	LT	SW	113+51	10.8
108TH ST	RT	NE	114+18	10.5
108TH ST	RT	SE	113+51	11.0
107TH ST	LT	NW	120+92	20.0
107TH ST	LT	SW	120+10	20.0
107TH ST	RT	NE	120+92	20.0
107TH ST	RT	SE	120+10	20.0
106TH PL	LT	NW	124+19	11.1
106TH PL	LT	SW	123+56	11.2
106TH PL	RT	NE	124+19	11.2
106TH PL	RT	SE	123+56	11.3
106TH ST	LT	NW	127+50	13.7
106TH ST	LT	SW	126+80	16.6
106TH ST	RT	NE	127+50	15.5
106TH ST	RT	SE	126+80	11.0
105TH PL	LT	SW	130+21	12.0
105TH PL	RT	NE	130+82	10.8
105TH PL	RT	SE	130+21	10.6

DETECTIBLE WARNINGS				
LOCATION	LT/RT	CORNER	STATION	SQ FT
105TH ST	LT	NW	134+17	20.24
105TH ST	LT	SW	133+50	19.92
105TH ST	RT	NE	134+17	19.53
105TH ST	RT	SE	133+50	22.24
104TH ST	LT	NW	140+85	15.04
104TH ST	LT	SW	140+22	14.64
104TH ST	RT	NE	140+85	10
104TH ST	RT	SE	140+22	15.7
103RD ST	LT	NW	147+80	23.24
103RD ST	LT	SW	146+63	29.2
103RD ST	RT	NE	147+80	32.36
103RD ST	RT	SE	146+63	37.17
ROSIE'S	RT	NE	150+63	10.5
ROSIE'S	RT	SE	150+16	10.0
102ND ST	LT	SW	149+95	10.0
RELIABLE PLUMBING	RT	NE	160+15	10.0
RELIABLE PLUMBING	RT	SE	159+60	10.0
101ST ST	RT	NE	161+50	10.0
101ST ST	RT	SE	160+85	10.0
RIDGE GARDEN	RT	E	164+64	20.0
99TH ST	LT	NW	173+90	20.0
99TH ST	LT	SW	173+20	30.0
99TH ST	RT	NE	173+90	20.0
99TH ST	RT	SE	173+20	23.5
98TH PL	LT	NW	177+20	10.0
98TH PL	LT	SW	176+96	10.0
98TH PL	RT	NE	177+20	10.0
98TH PL	RT	SE	176+96	10.0
98TH ST	LT	NW	180+50	8.0
98TH ST	LT	SW	179+90	11.0
98TH ST	RT	NE	181+42	10.7
98TH ST	RT	SE	180+70	13.9
97TH PL	LT	SW	183+30	10.0
97TH PL	LT	NW	183+70	10.0
97TH PL	RT	SE	184+91	10.0
97TH PL	RT	NE	185+58	12.0
97TH ST	LT	SW	186+58	11.5
97TH ST	LT	NW	187+20	10.0
96TH PL	LT	NW	190+50	12.9
96TH PL	LT	SW	189+85	10.0
96TH PL	RT	NE	190+35	15.3
96TH PL	RT	SE	189+50	17.5
96TH ST	LT	NW	193+85	13.6
96TH ST	LT	SW	193+20	12.3
96TH ST	RT	NE	193+85	14.8
96TH ST	RT	SE	193+00	8.0
95TH ST	LT	NW	200+75	24.4
95TH ST	LT	SW	199+55	16.0
95TH ST	RT	NE	200+75	19.6
95TH ST	RT	SE	199+55	25.4
			TOTAL	1,560

OSEH inc.
401 S CARLTON AVE
SUITE 205
WHEATON, IL 60187
WWW.OSEHINC.COM

USER NAME = AlexDefrancesco	DESIGNED - AD	REVISED -	
	DRAWN - AD	REVISED -	
PLOT SCALE = 50.0000 ' / in.	CHECKED - MM	REVISED -	
PLOT DATE = 3/13/2025	DATE - 01/24/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY SCHEDULE OF QUANTITIES
CICERO AVE (95TH STREET TO 123RD PLACE)

SCALE: NTS | SHEET 2 OF 3 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	8
		CONTRACT NO. 62V36		
		ILLINOIS	FED. AID PROJECT	

COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT GREATER THAN 10 FEET				
LOCATION	LT/RT	CORNER	STATION	FT
123RD PL	LT	SW	9+71	28.5
123RD PL	LT	NW	10+30	25.8
123RD ST	LT	SW	13+45	26.6
123RD ST	LT	NW	14+44	30.9
123RD ST	RT	NE	14+44	40.2
122ND ST	LT	NW	20+90	23.8
122ND ST	RT	SE	22+27	32.8
122ND ST	RT	NE	22+87	27.1
121ST PL	LT	SW	23+62	28.2
121ST PL	LT	NW	24+24	16.9
HOME DEPOT	LT	NW	30+67	23.3
HOME DEPOT	LT	W	30+20	11.1
HOME DEPOT	LT	SW	29+77	24.6
120TH ST	LT	NW	33+60	25.1
120TH ST	LT	SW	32+85	30.0
120TH ST	RT	NE	33+60	47.1
120TH ST	RT	SE	32+85	24.9
115TH ST	RT	NE	67+86	15.4
ALDI	LT	SW	80+62	14.3
ALDI	LT	NW	81+20	12.3
111TH ST	LT	SW	93+15	41.9
111TH ST	LT	NW	94+33	22.4
111TH ST	RT	NE	94+33	43.9
111TH ST	RT	NE	94+33	39.0
111TH ST	RT	SE	93+15	90.0
110TH ST	RT	SE	100+15	51.0
110TH ST	RT	NE	100+88	45.4
109TH ST	LT	NW	107+49	44.6
109TH ST	LT	SW	106+85	42.9
109TH ST	RT	NE	107+49	41.7
109TH ST	RT	SE	106+85	50.0
108TH ST	LT	NW	114+18	47.8
108TH ST	LT	SW	113+51	43.0
108TH ST	RT	NE	114+18	36.6
108TH ST	RT	SE	113+51	36.9
107TH ST	LT	NW	120+92	44.8
107TH ST	LT	SW	120+10	38.1
107TH ST	RT	NE	120+92	29.7
107TH ST	RT	SE	120+10	42.7
106TH PL	LT	NW	124+19	31.7
106TH PL	LT	SW	123+56	31.5
106TH PL	RT	NE	124+19	30.9
106TH PL	RT	SE	123+56	26.4
106TH ST	LT	NW	127+50	38.2
106TH ST	LT	SW	126+80	41.5
106TH ST	RT	NE	127+50	38.0
106TH ST	RT	SE	126+80	32.9
105TH PL	LT	SW	130+21	41.2
105TH PL	RT	NE	130+82	29.1
105TH PL	RT	SE	130+21	30.8

COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT GREATER THAN 10 FEET				
LOCATION	LT/RT	CORNER	STATION	FT
105TH ST	LT	NW	134+17	34.3
105TH ST	LT	SW	133+50	39.5
105TH ST	RT	NE	134+17	44.3
105TH ST	RT	SE	133+50	26.8
104TH ST	LT	NW	140+85	36.3
104TH ST	LT	SW	140+22	42.8
104TH ST	RT	NE	140+85	46.4
104TH ST	RT	SE	140+22	33.0
103RD ST	LT	NW	147+80	76.1
103RD ST	LT	SW	146+63	29.0
103RD ST	RT	NE	147+80	42.0
103RD ST	RT	SE	146+63	61.8
ROSIE'S	RT	NE	150+63	19.7
ROSIE'S	RT	SE	150+16	19.7
102ND ST	LT	SW	149+95	25.8
RELIABLE PLUMBING	RT	NE	160+15	22.4
RELIABLE PLUMBING	RT	SE	159+60	24.0
101ST ST	RT	NE	161+50	31.8
101ST ST	RT	SE	160+85	32.8
RIDGE GARDEN	RT	E	164+64	20.0
99TH ST	LT	NW	173+90	37.6
99TH ST	LT	SW	173+20	28.8
99TH ST	RT	NE	173+90	37.7
99TH ST	RT	SE	173+20	39.6
98TH PL	LT	NW	177+20	50.7
98TH PL	LT	SW	176+96	68.5
98TH PL	RT	NE	177+20	31.3
98TH PL	RT	SE	176+96	39.3
98TH ST	LT	NW	180+50	35.6
98TH ST	LT	SW	179+90	29.2
98TH ST	RT	NE	181+42	52.9
98TH ST	RT	SE	180+70	52.3
97TH PL	LT	SW	183+30	45.5
97TH PL	LT	NW	183+70	48.3
97TH PL	RT	SE	184+91	42.0
97TH PL	RT	NE	185+58	19.2
97TH ST	LT	SW	186+58	48.5
97TH ST	LT	NW	187+20	34.5
96TH PL	LT	NW	190+50	35.3
96TH PL	LT	SW	189+85	48.5
96TH PL	RT	NE	190+35	27.2
96TH PL	RT	SE	189+50	32.4
96TH ST	LT	NW	193+85	36.5
96TH ST	LT	SW	193+20	37.9
96TH ST	RT	NE	193+85	24.9
96TH ST	RT	SE	193+00	22.5
95TH ST	LT	NW	200+75	47.0
95TH ST	LT	SW	199+55	32.8
95TH ST	RT	NE	200+75	32.6
95TH ST	RT	SE	199+55	50.2
			TOTAL	3,591

COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT LESS THAN OR EQUAL TO 10 FEET				
LOCATION	LT/RT	CORNER	STATION	FT
HANGER CLINIC	RT	E	78+27	8
			TOTAL	8

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

USER NAME = AlexDefrancesco	DESIGNED - AD	REVISED -	
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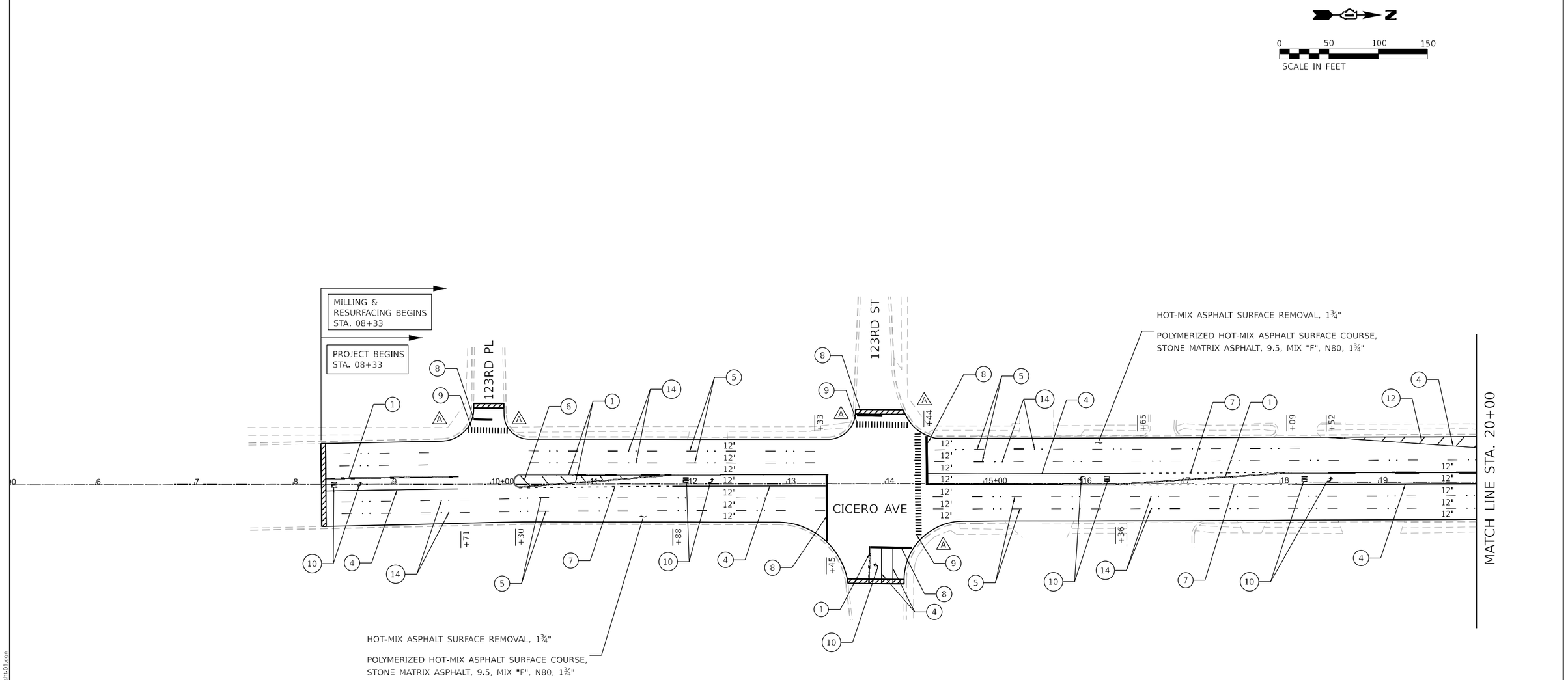
PLOT SCALE = 50.0000 ' / in.	CHECKED - MM	REVISED -	
PLOT DATE = 1/24/2025	DATE - 01/24/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY SCHEDULE OF QUANTITIES
CICERO AVE (95TH STREET TO 123RD PLACE)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	9
		CONTRACT NO. 62V36		
	ILLINOIS	FED. AID PROJECT		



LEGEND

1. THPL PAVT MK LINE 4", DOUBLE SOLID YELLOW CENTERLINE
2. THPL PAVT MK LINE 4", ONE SOLID, ONE SKIP DASH YELLOW LINES @ 5 1/2" C-C, 10'DASH - 30' SKIP
3. THPL PAVT MK LINE 4", SOLID YELLOW LINE
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12. THPL PAVT MK LINE 12", SOLID WHITE DIAGONAL, 45°
13. THPL PAVT MK LINE 4", SOLID WHITE LINE
14. PROPOSED RRPM - ONE WAY CRYSTAL MARKERS
15. PROPOSED RRPM - TWO WAY AMBER MARKERS

ROADWAY LEGEND

HMA SURFACE REMOVAL BUTT JOINT, 4.5'

SIDEWALK LEGEND

A PROPOSED CURB RAMP IMPROVEMENTS, SEE ADA CURB RAMP DETAILS

B EXISTING CURB RAMP TO REMAIN

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

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PLOT DATE = 1/24/2025	DATE - 01/24/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CICERO AVENUE
PROPOSED PAVEMENT MARKING PLAN

SCALE: 1" = 50' | SHEET 1 OF 14 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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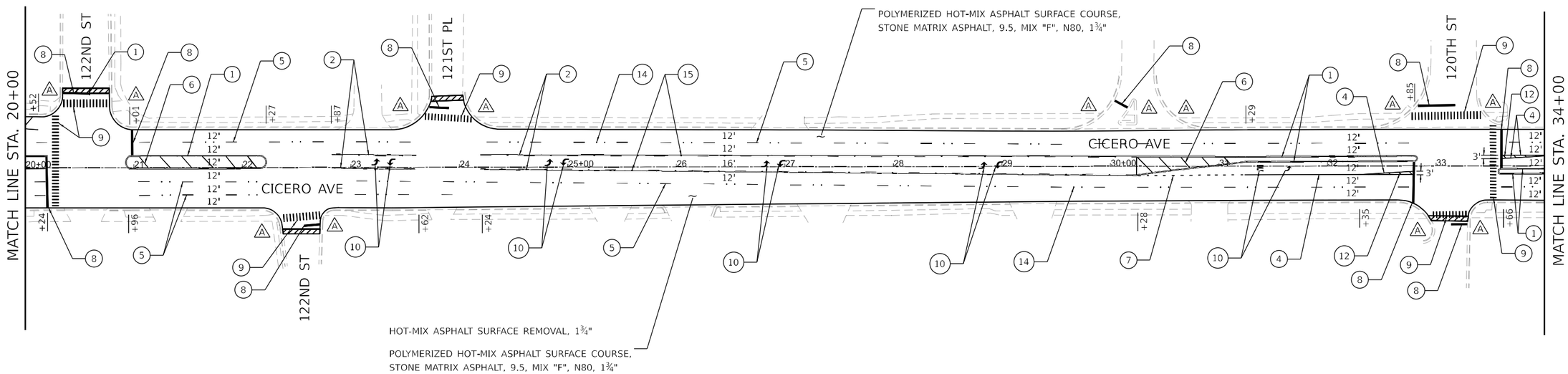
		CONTRACT NO. 62V36		
	ILLINOIS	FED. AID PROJECT		



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ROADWAY LEGEND

HMA SURFACE REMOVAL BUTT JOINT, 4.5'

SIDEWALK LEGEND

A PROPOSED CURB RAMP IMPROVEMENTS, SEE ADA CURB RAMP DETAILS

B EXISTING CURB RAMP TO REMAIN

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OSEH inc. 105 S CARLTON AVE SUITE 200 WHEATON, IL 60187 WWW.OSEHINC.COM

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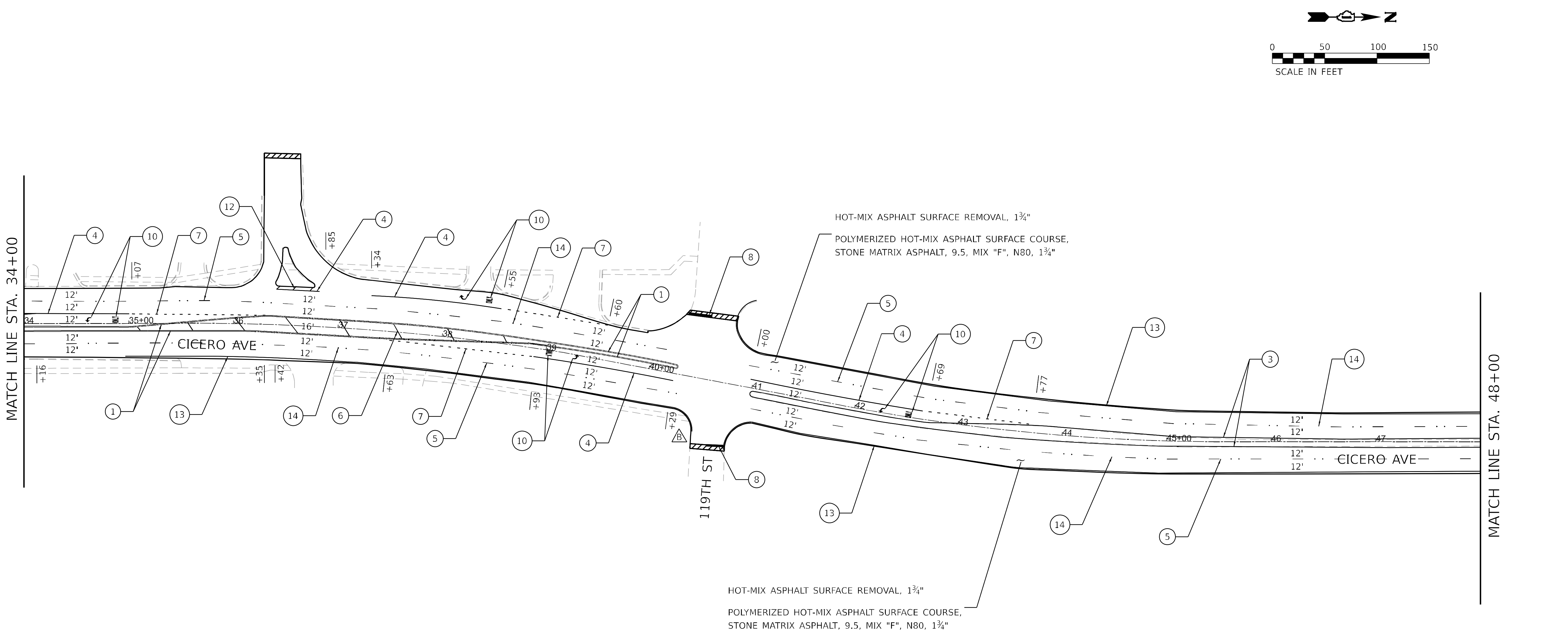
PLOT DATE = 1/24/2025	DATE - 01/24/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CICERO AVENUE
PROPOSED PAVEMENT MARKING PLAN

SCALE: 1" = 50' | SHEET 2 OF 14 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	11
		CONTRACT NO. 62V36		
		ILLINOIS	FED. AID PROJECT	



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ROADWAY LEGEND

HMA SURFACE REMOVAL BUTT JOINT, 4.5'

SIDEWALK LEGEND

(A) PROPOSED CURB RAMP IMPROVEMENTS, SEE ADA CURB RAMP DETAILS

(B) EXISTING CURB RAMP TO REMAIN

MODEL: $MODELNAME$
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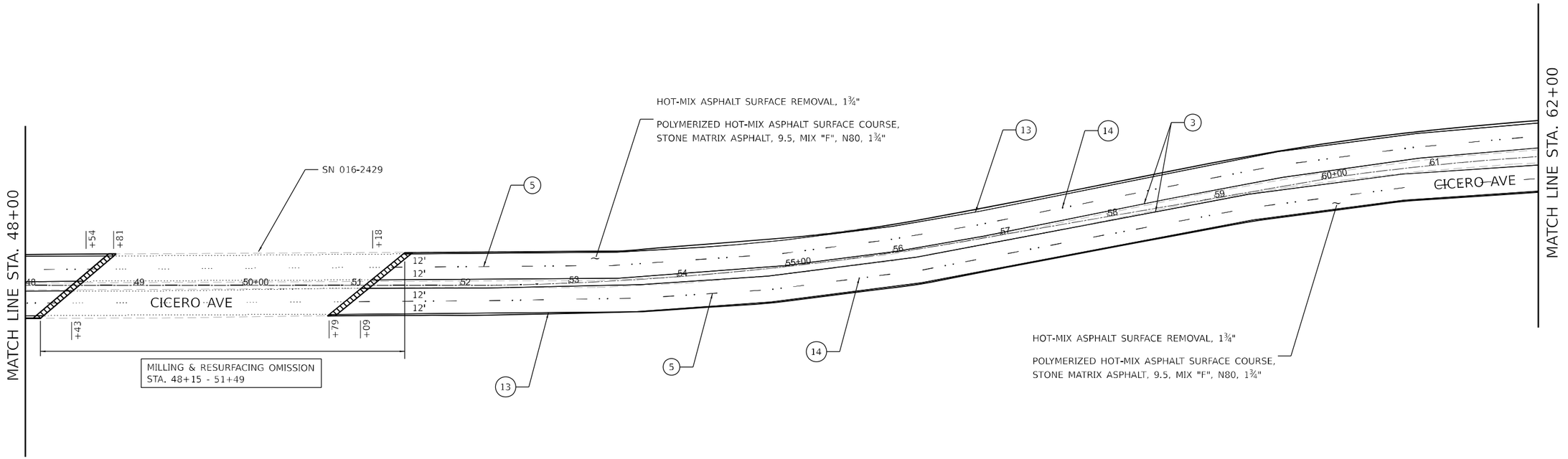
CICERO AVENUE
PROPOSED PAVEMENT MARKING PLAN

SCALE: 1" = 50' | SHEET 3 OF 14 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	12
		CONTRACT NO. 62V36		
		ILLINOIS	FED. AID PROJECT	



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ROADWAY LEGEND

HMA SURFACE REMOVAL BUTT JOINT, 4.5'

SIDEWALK LEGEND

A. PROPOSED CURB RAMP IMPROVEMENTS, SEE ADA CURB RAMP DETAILS

B. EXISTING CURB RAMP TO REMAIN

MODEL: \$MODELNAME\$
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OSEH inc. 1015 S CARLTON AVE SUITE 200 WHEATON, IL 60187 WWW.OSEHINC.COM

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PLOT DATE = 1/24/2025	DATE - 01/24/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CICERO AVENUE
PROPOSED PAVEMENT MARKING PLAN

SCALE: 1" = 50' | SHEET 4 OF 14 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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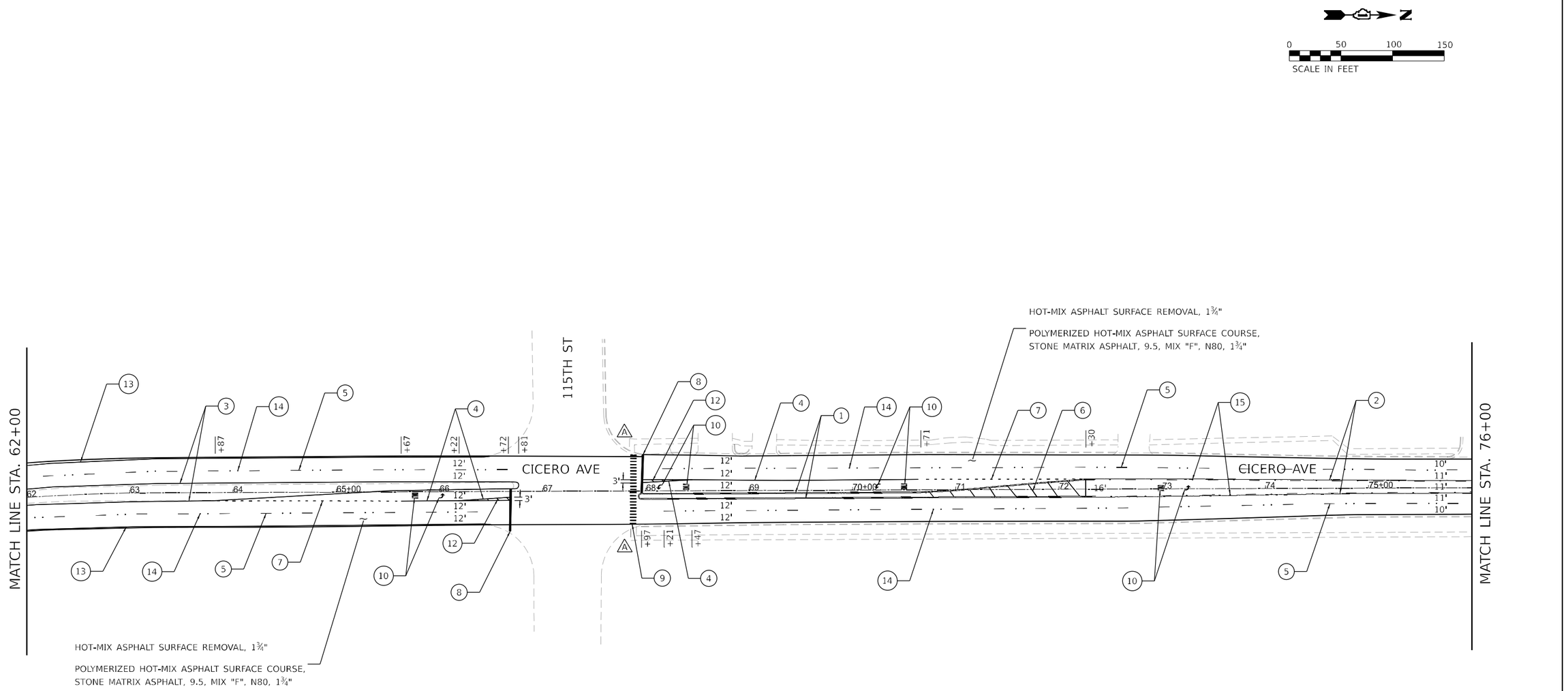

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15. PROPOSED RRPM - TWO WAY AMBER MARKERS

ROADWAY LEGEND

HMA SURFACE REMOVAL BUTT JOINT, 4.5'

SIDEWALK LEGEND

A. PROPOSED CURB RAMP IMPROVEMENTS, SEE ADA CURB RAMP DETAILS

B. EXISTING CURB RAMP TO REMAIN

OSEH inc.
825 S CARLTON AVE
SUITE 203
WHEATON, IL 60187
WWW.OSEHINC.COM

USER NAME = AlexDefrancesco	DESIGNED - AD	REVISED -	
	DRAWN - AD	REVISED -	
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PLOT DATE = 1/24/2025	DATE - 01/24/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CICERO AVENUE
PROPOSED PAVEMENT MARKING PLAN

SCALE: 1" = 50' | SHEET 5 OF 14 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	14
		CONTRACT NO. 62V36		
	ILLINOIS	FED. AID PROJECT		

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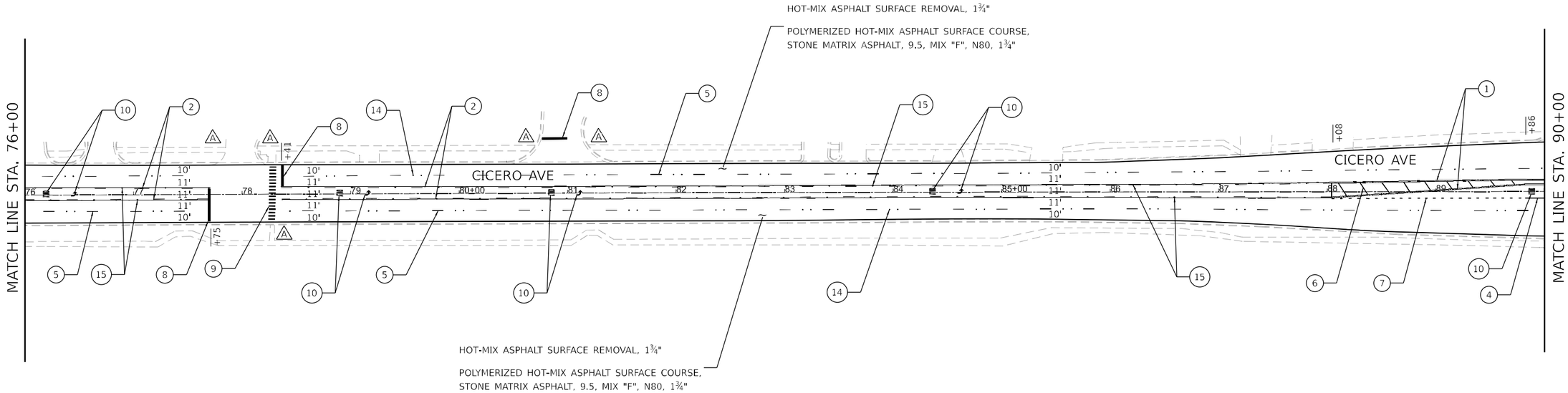

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ROADWAY LEGEND

HMA SURFACE REMOVAL BUTT JOINT, 4.5'

SIDEWALK LEGEND

A PROPOSED CURB RAMP IMPROVEMENTS, SEE ADA CURB RAMP DETAILS

B EXISTING CURB RAMP TO REMAIN

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

USER NAME = AlexDefrancesco	DESIGNED - AD	REVISED -	
	DRAWN - AD	REVISED -	
PLOT SCALE = 50.0000 ' / in.	CHECKED - MM	REVISED -	
PLOT DATE = 1/24/2025	DATE - 01/24/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CICERO AVENUE
PROPOSED PAVEMENT MARKING PLAN

SCALE: 1" = 50' | SHEET 6 OF 14 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	15
		CONTRACT NO. 62V36		
	ILLINOIS	FED. AID PROJECT		

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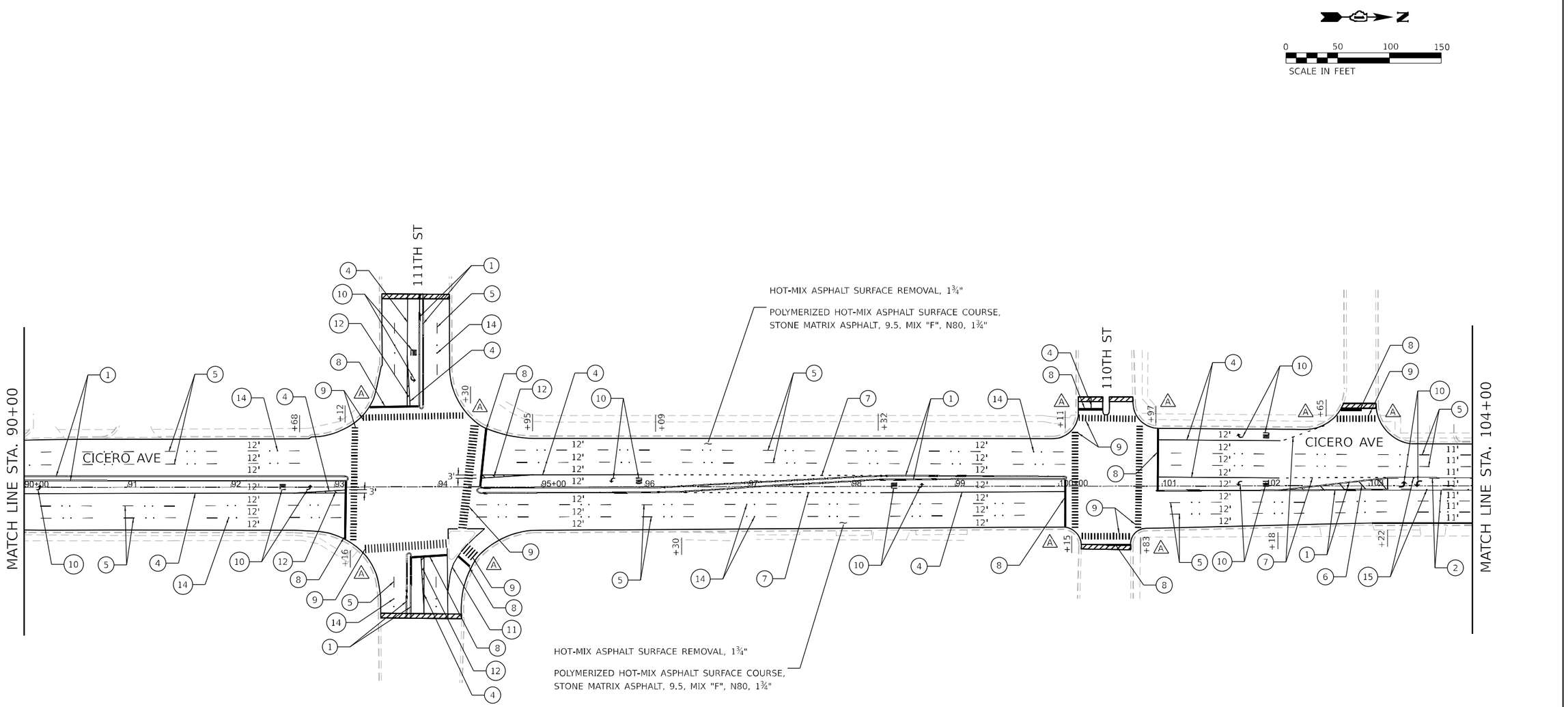

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ROADWAY LEGEND

HMA SURFACE REMOVAL BUTT JOINT, 4.5'

SIDEWALK LEGEND

A PROPOSED CURB RAMP IMPROVEMENTS, SEE ADA CURB RAMP DETAILS

B EXISTING CURB RAMP TO REMAIN

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OSEH inc. 101 S CARLTON AVE SUITE 200 WHEATON, IL 60187 WWW.OSEHINC.COM

USER NAME = AlexDefrancesco	DESIGNED - AD	REVISED -	
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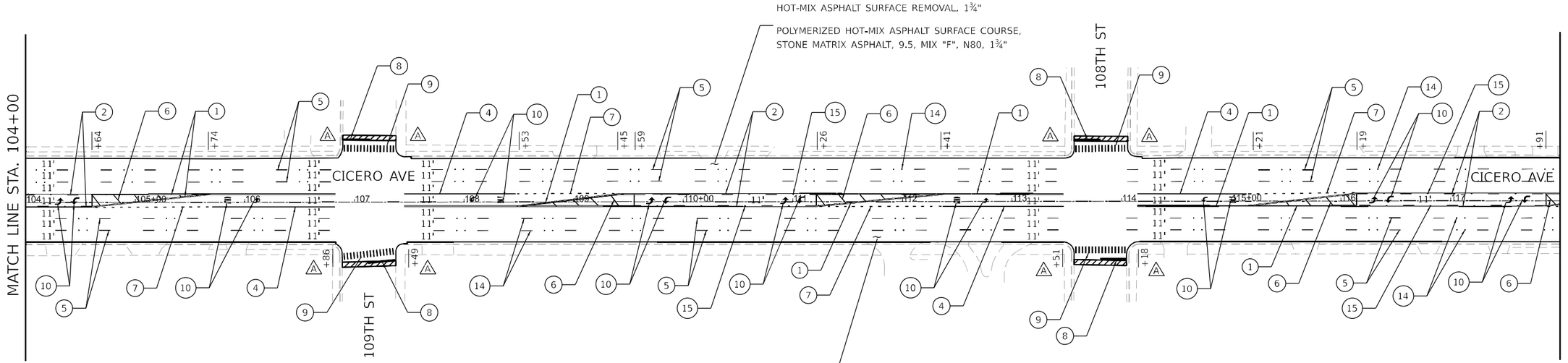
PLOT SCALE = 50.0000 ' / in.	CHECKED - MM	REVISED -	
PLOT DATE = 1/24/2025	DATE - 01/24/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CICERO AVENUE
PROPOSED PAVEMENT MARKING PLAN

SCALE: 1" = 50' | SHEET 7 OF 14 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	16
		CONTRACT NO. 62V36		
	ILLINOIS	FED. AID PROJECT		



LEGEND

1. THPL PAVT MK LINE 4", DOUBLE SOLID YELLOW CENTERLINE
2. THPL PAVT MK LINE 4", ONE SOLID, ONE SKIP DASH YELLOW LINES @ 5 1/2" C-C, 10'DASH - 30' SKIP
3. THPL PAVT MK LINE 4", SOLID YELLOW LINE
4. THPL PAVT MK LINE 6", SOLID WHITE LINE
5. THPL PAVT MK LINE 4", SKIP DASH WHITE LANE LINE, 10' DASH - 30' SKIP
6. THPL PAVT MK LINE 12", SOLID YELLOW DIAGONAL, 45° (5 LINES MINIMUM)
7. THPL PAVT MK LINE 6", SKIP DASH WHITE TAPER LINE, 2' DASH - 6' SKIP
8. THPL PAVT MK LINE 24", SOLID WHITE STOP BAR
9. THPL PAVT MK LINE 12", (WHITE CROSSWALK @ 3' CENTER TO CENTER)
10. THPL PAVT MK, LETTERS AND SYMBOLS
11. THPL PAVT MK LINE 8", SOLID WHITE LINE
12. THPL PAVT MK LINE 12", SOLID WHITE DIAGONAL, 45°
13. THPL PAVT MK LINE 4", SOLID WHITE LINE
14. PROPOSED RRPM - ONE WAY CRYSTAL MARKERS
15. PROPOSED RRPM - TWO WAY AMBER MARKERS

ROADWAY LEGEND

HMA SURFACE REMOVAL BUTT JOINT, 4.5'

SIDEWALK LEGEND

A PROPOSED CURB RAMP IMPROVEMENTS, SEE ADA CURB RAMP DETAILS

B EXISTING CURB RAMP TO REMAIN

MODEL: $MODELNAME$
FILE NAME: Z:\Shared\Projects\IDOT\D-91-032-23 - IE103_Design\02_CADD Sheets\CICERO AVENUE\D1626V36-PMK_sht-08.dgn

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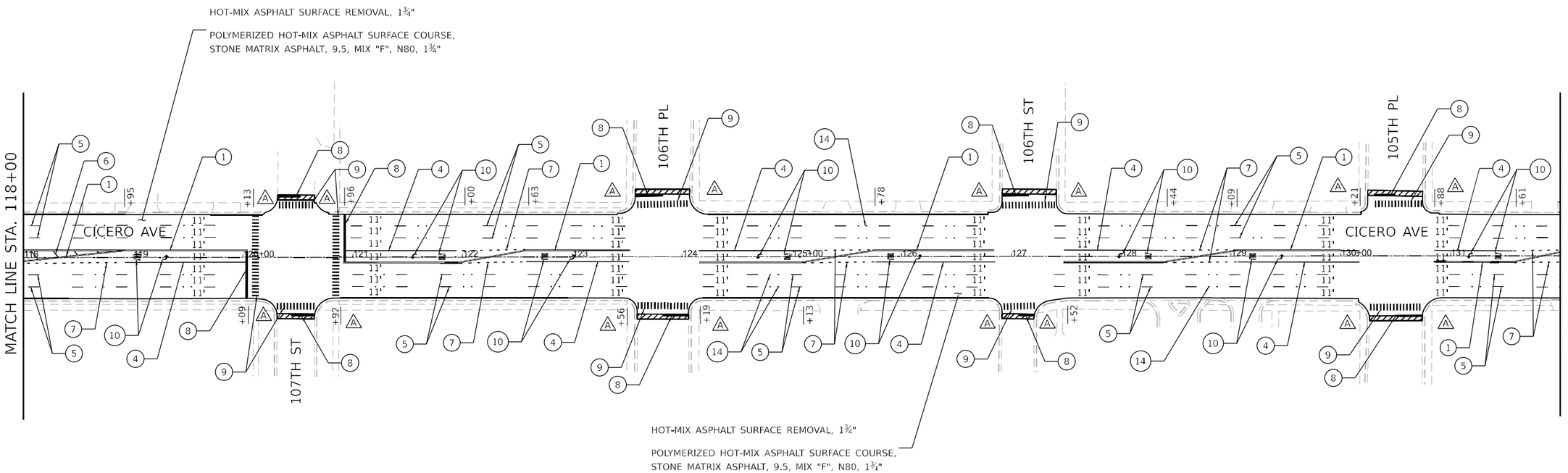
PLOT SCALE = 50.0000 ' / in.	CHECKED - MM	REVISED -	
PLOT DATE = 1/24/2025	DATE - 01/24/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CICERO AVENUE
PROPOSED PAVEMENT MARKING PLAN

SCALE: 1" = 50' | SHEET 8 OF 14 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	17
		CONTRACT NO. 62V36		
	ILLINOIS	FED. AID PROJECT		



0 50 100 150
SCALE IN FEET

LEGEND

1. THPL PAVT MK LINE 4", DOUBLE SOLID YELLOW CENTERLINE
2. THPL PAVT MK LINE 4", ONE SOLID, ONE SKIP DASH YELLOW LINES @ 5 1/2" C-C, 10'DASH - 30' SKIP
3. THPL PAVT MK LINE 4", SOLID YELLOW LINE
4. THPL PAVT MK LINE 6", SOLID WHITE LINE
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12. THPL PAVT MK LINE 12", SOLID WHITE DIAGONAL, 45°
13. THPL PAVT MK LINE 4", SOLID WHITE LINE
14. PROPOSED RRPM - ONE WAY CRYSTAL MARKERS
15. PROPOSED RRPM - TWO WAY AMBER MARKERS

ROADWAY LEGEND

HMA SURFACE REMOVAL BUTT JOINT, 4.5'

SIDEWALK LEGEND

A PROPOSED CURB RAMP IMPROVEMENTS, SEE ADA CURB RAMP DETAILS

B EXISTING CURB RAMP TO REMAIN

OSEH inc.
601 S CARLTON AVE
SUITE 200
WHEATON, IL 60187
WWW.OSEHINC.COM

USER NAME = AlexDefrancesco	DESIGNED - AD	REVISED -	
	DRAWN - AD	REVISED -	
PLOT SCALE = 50.0000 ' / in.	CHECKED - MM	REVISED -	
PLOT DATE = 1/24/2025	DATE - 01/24/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CICERO AVENUE
PROPOSED PAVEMENT MARKING PLAN

SCALE: 1" = 50' | SHEET 9 OF 14 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	18
		CONTRACT NO. 62V36		
	ILLINOIS	FED. AID PROJECT		

MODEL: \$MODELNAME\$
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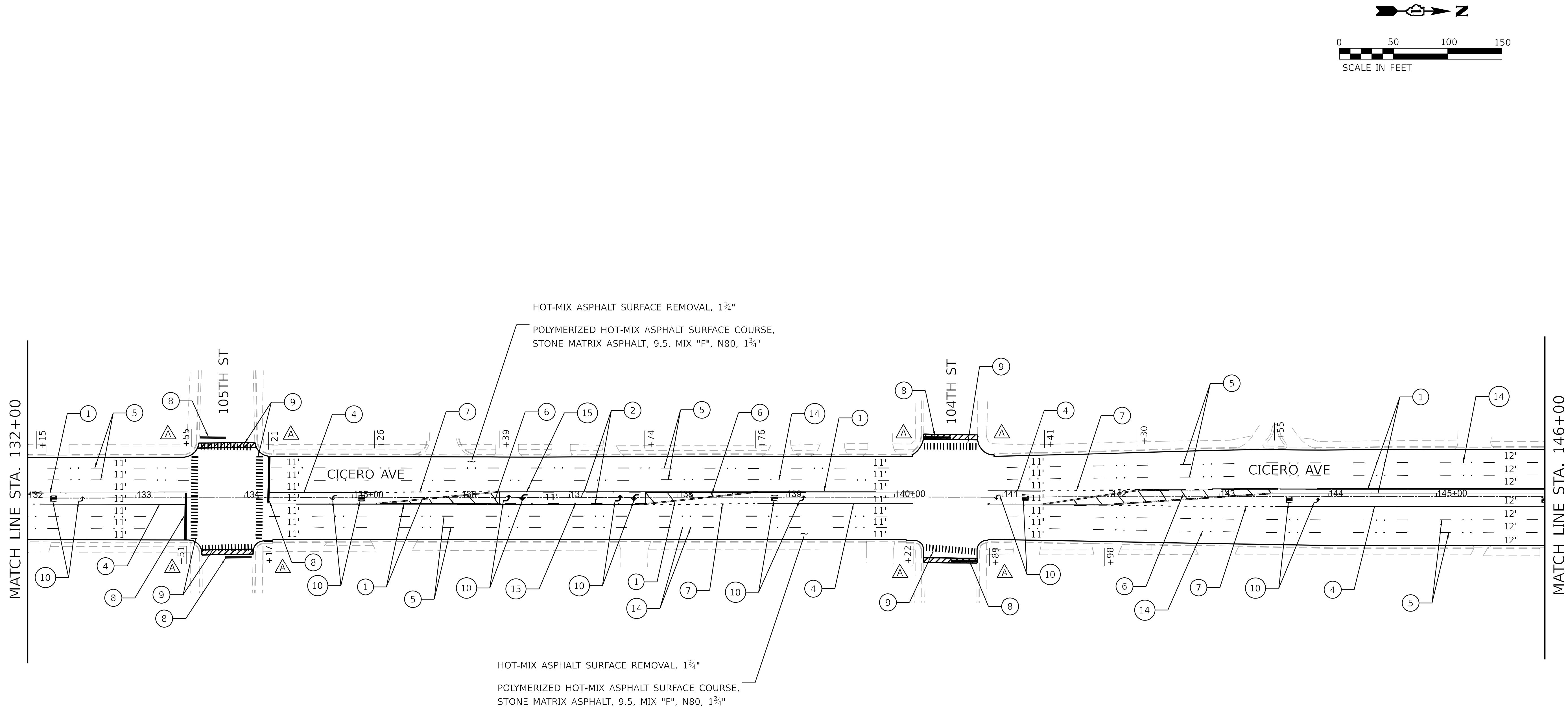

LEGEND

1. THPL PAVT MK LINE 4", DOUBLE SOLID YELLOW CENTERLINE
2. THPL PAVT MK LINE 4", ONE SOLID, ONE SKIP DASH YELLOW LINES @ 5 1/2" C-C, 10'DASH - 30' SKIP
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13. THPL PAVT MK LINE 4", SOLID WHITE LINE
14. PROPOSED RRPM - ONE WAY CRYSTAL MARKERS
15. PROPOSED RRPM - TWO WAY AMBER MARKERS

ROADWAY LEGEND

HMA SURFACE REMOVAL BUTT JOINT, 4.5'

SIDEWALK LEGEND

A — PROPOSED CURB RAMP IMPROVEMENTS, SEE ADA CURB RAMP DETAILS

B — EXISTING CURB RAMP TO REMAIN

MODEL: $MODELNAME$
FILE NAME: Z:\Shared\Projects\IDOT\D-91-032-23 - IEI\03_Design\02_CADD Sheets\CICERO AVENUE\D162V36-PMK_sht-10.dgn

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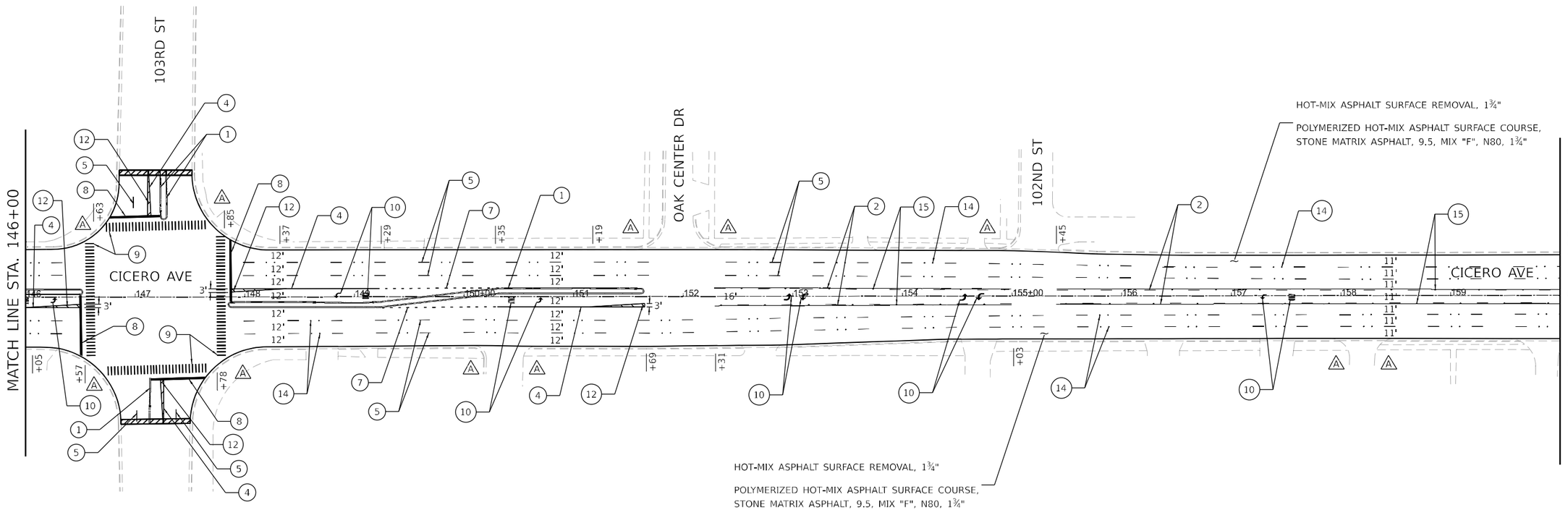
	PLOT SCALE = 50.0000 ' / in.	CHECKED - MM	REVISED -
	PLOT DATE = 1/24/2025	DATE - 01/24/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CICERO AVENUE
PROPOSED PAVEMENT MARKING PLAN

SCALE: 1" = 50' | SHEET 10 OF 14 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	19
		CONTRACT NO. 62V36		
		ILLINOIS	FED. AID PROJECT	



LEGEND

1. THPL PAVT MK LINE 4", DOUBLE SOLID YELLOW CENTERLINE
2. THPL PAVT MK LINE 4", ONE SOLID, ONE SKIP DASH YELLOW LINES @ 5 1/2" C-C, 10'DASH - 30' SKIP
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14. PROPOSED RRPM - ONE WAY CRYSTAL MARKERS
15. PROPOSED RRPM - TWO WAY AMBER MARKERS

ROADWAY LEGEND

HMA SURFACE REMOVAL BUTT JOINT, 4.5'

SIDEWALK LEGEND

A PROPOSED CURB RAMP IMPROVEMENTS, SEE ADA CURB RAMP DETAILS

B EXISTING CURB RAMP TO REMAIN

MODEL: SMODELNAME5
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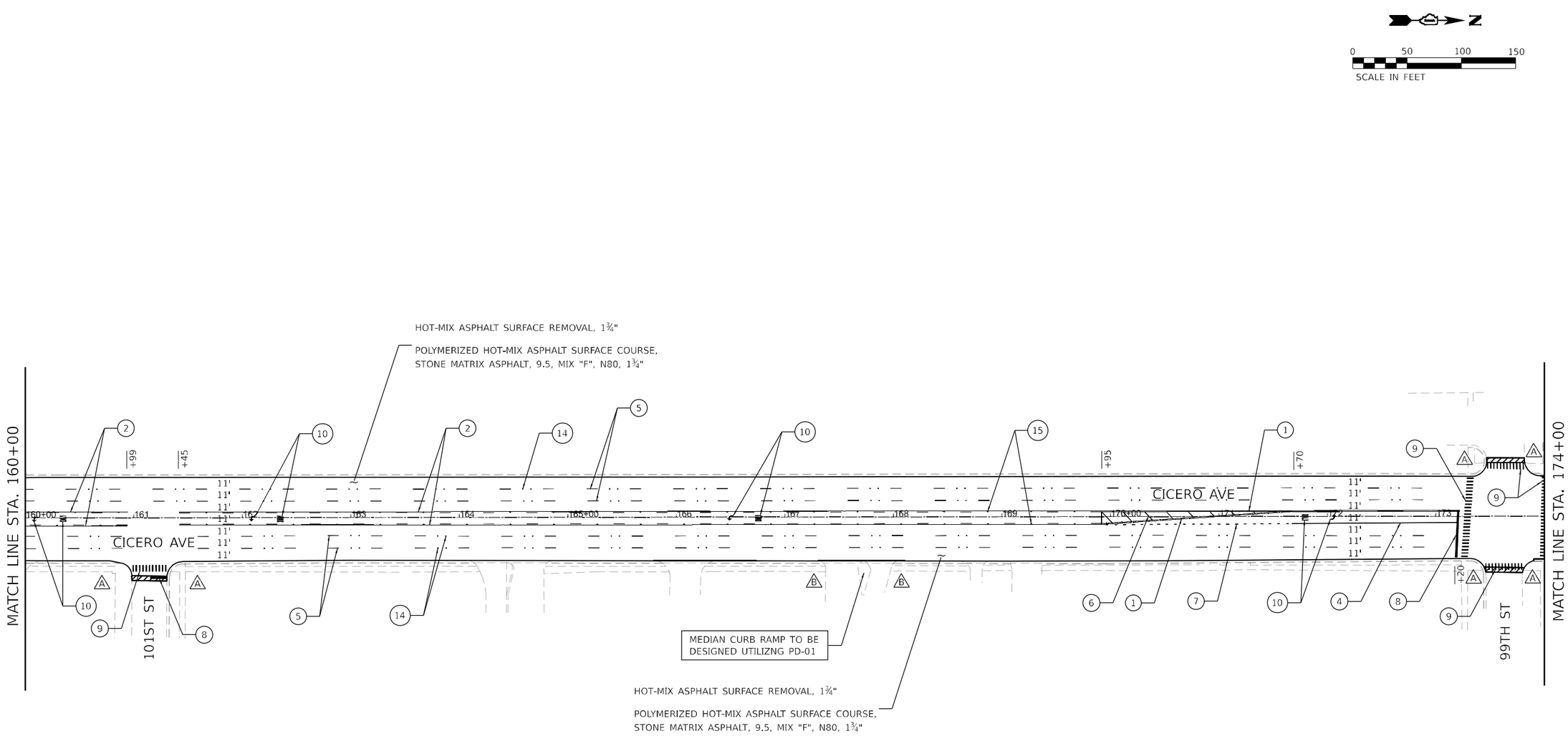
PLOT DATE = 1/24/2025	DATE - 01/24/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CICERO AVENUE
PROPOSED PAVEMENT MARKING PLAN

SCALE: 1" = 50' | SHEET 11 OF 14 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	20
		CONTRACT NO. 62V36		
	ILLINOIS	FED. AID PROJECT		



LEGEND

1. THPL PAVT MK LINE 4", DOUBLE SOLID YELLOW CENTERLINE
2. THPL PAVT MK LINE 4", ONE SOLID, ONE SKIP DASH YELLOW LINES @ 5 1/2" C-C, 10'DASH - 30' SKIP
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13. THPL PAVT MK LINE 4", SOLID WHITE LINE
14. PROPOSED RRPM - ONE WAY CRYSTAL MARKERS
15. PROPOSED RRPM - TWO WAY AMBER MARKERS

ROADWAY LEGEND

HMA SURFACE REMOVAL BUTT JOINT, 4.5'

SIDEWALK LEGEND

A. PROPOSED CURB RAMP IMPROVEMENTS, SEE ADA CURB RAMP DETAILS

B. EXISTING CURB RAMP TO REMAIN

MODEL: $MODELNAME$
FILE NAME: P:\Shared\Projects\IDOT\D-91-032-23 - IEI\03_Design\02_CADD Sheets\CICERO AVENUE\ID162V36-PMK_dhc12.dgn

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PLOT DATE = 1/24/2025	DATE - 01/24/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CICERO AVENUE
PROPOSED PAVEMENT MARKING PLAN

SCALE: 1" = 50' | SHEET 12 OF 14 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	21
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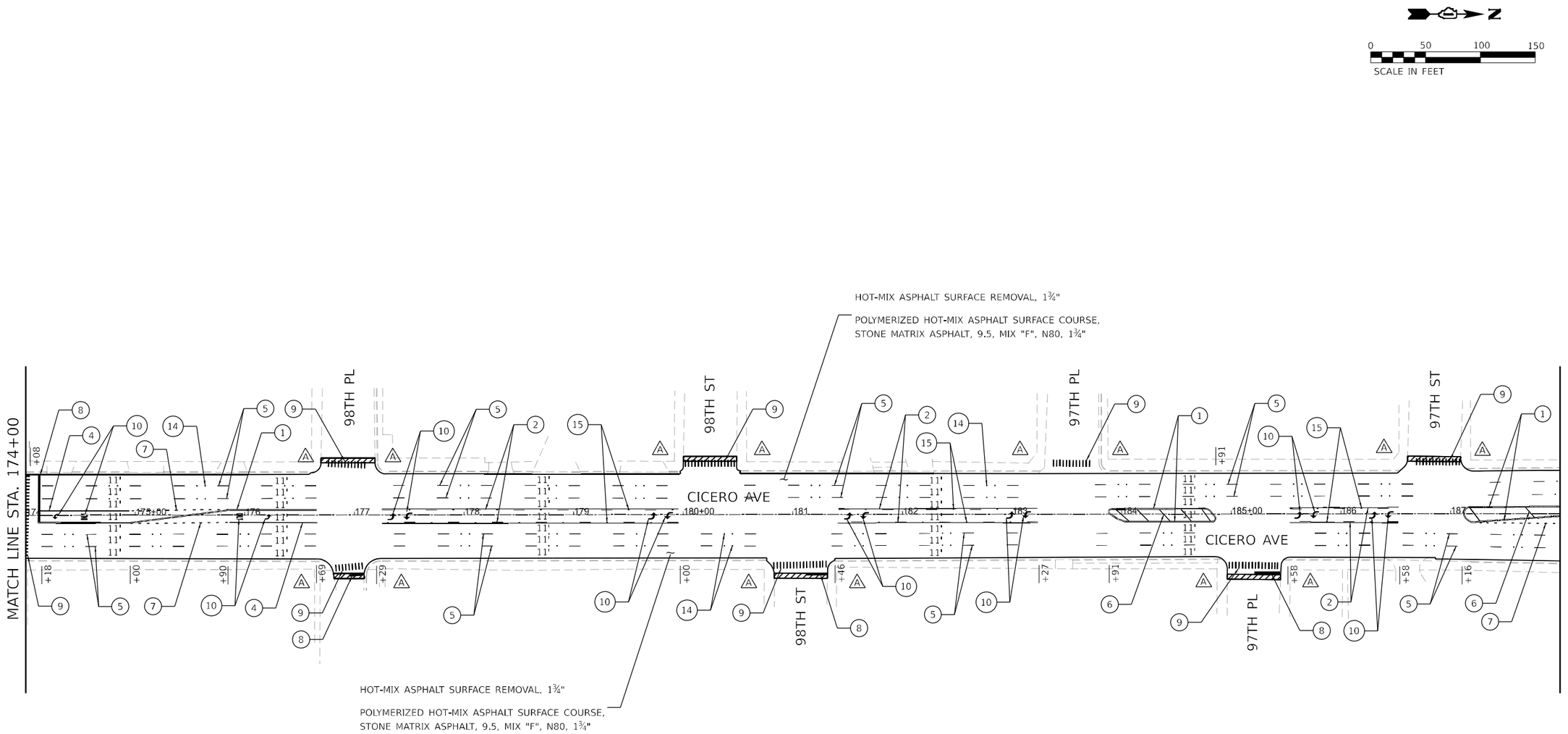
	ILLINOIS	FED. AID PROJECT		



LEGEND

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15. PROPOSED RRPM - TWO WAY AMBER MARKERS

ROADWAY LEGEND

HMA SURFACE REMOVAL BUTT JOINT, 4.5'

SIDEWALK LEGEND

A PROPOSED CURB RAMP IMPROVEMENTS, SEE ADA CURB RAMP DETAILS

B EXISTING CURB RAMP TO REMAIN

MODEL: $MODELNAME$
FILE NAME: Z:\Shared\Projects\IDOT\D-91-032-23 - IE103_Design\02_CADD Sheets\CICERO AVENUE\D162V36-PMK_sht-13.dgn

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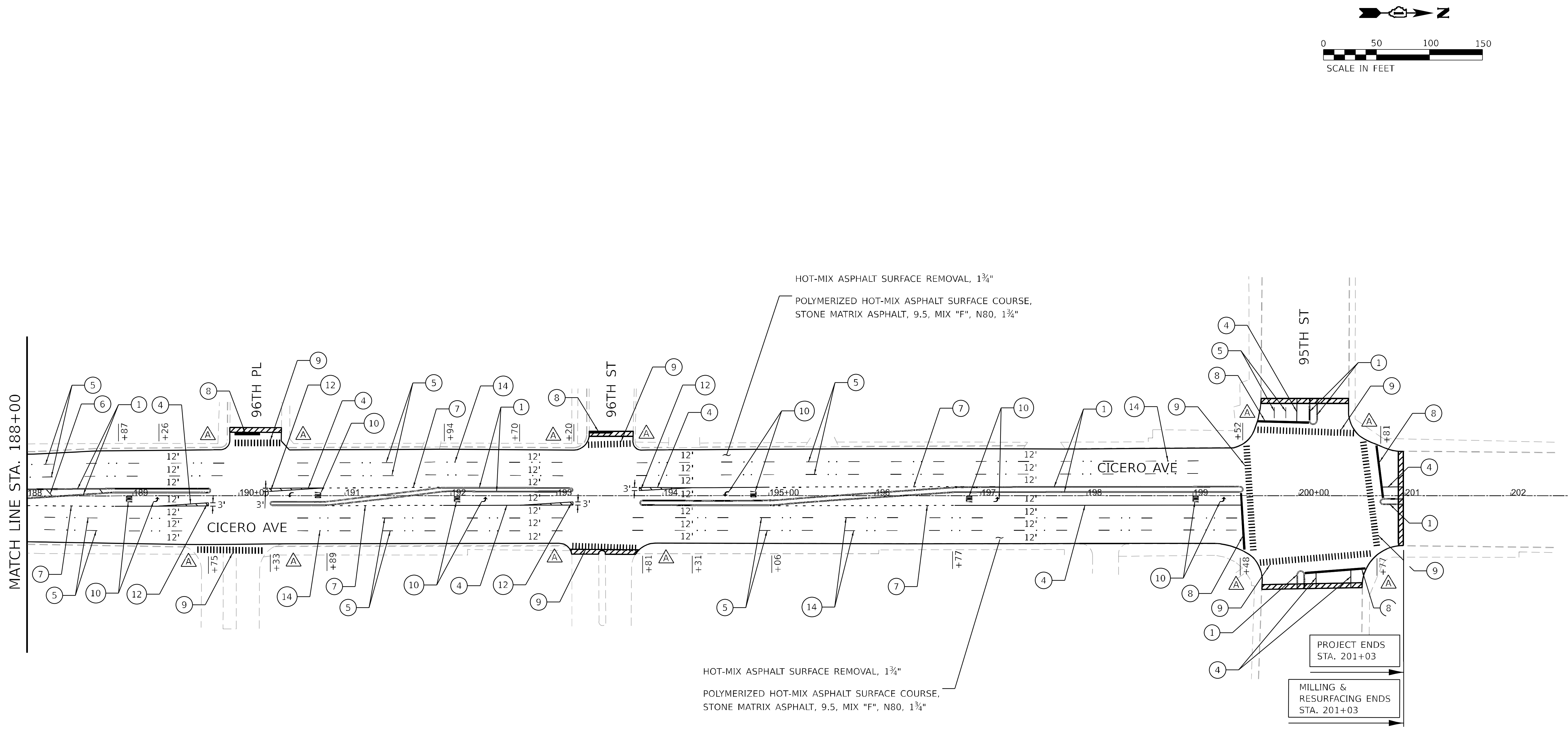
PLOT DATE = 1/24/2025	DATE - 01/24/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CICERO AVENUE
PROPOSED PAVEMENT MARKING PLAN

SCALE: 1" = 50' | SHEET 13 OF 14 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	22
		CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			



LEGEND

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14. PROPOSED RRPM - ONE WAY CRYSTAL MARKERS
15. PROPOSED RRPM - TWO WAY AMBER MARKERS

ROADWAY LEGEND

HMA SURFACE REMOVAL BUTT JOINT, 4.5'

SIDEWALK LEGEND

(A) PROPOSED CURB RAMP IMPROVEMENTS, SEE ADA CURB RAMP DETAILS

(B) EXISTING CURB RAMP TO REMAIN

MODEL: $MODELNAME$
FILE NAME: Z:\Shared\Projects\IDOT\D-91-032-23 - ILL\03 Design\02 CADD Sheets\CICERO AVENUE\D162V36-PMK_sht-14.dgn

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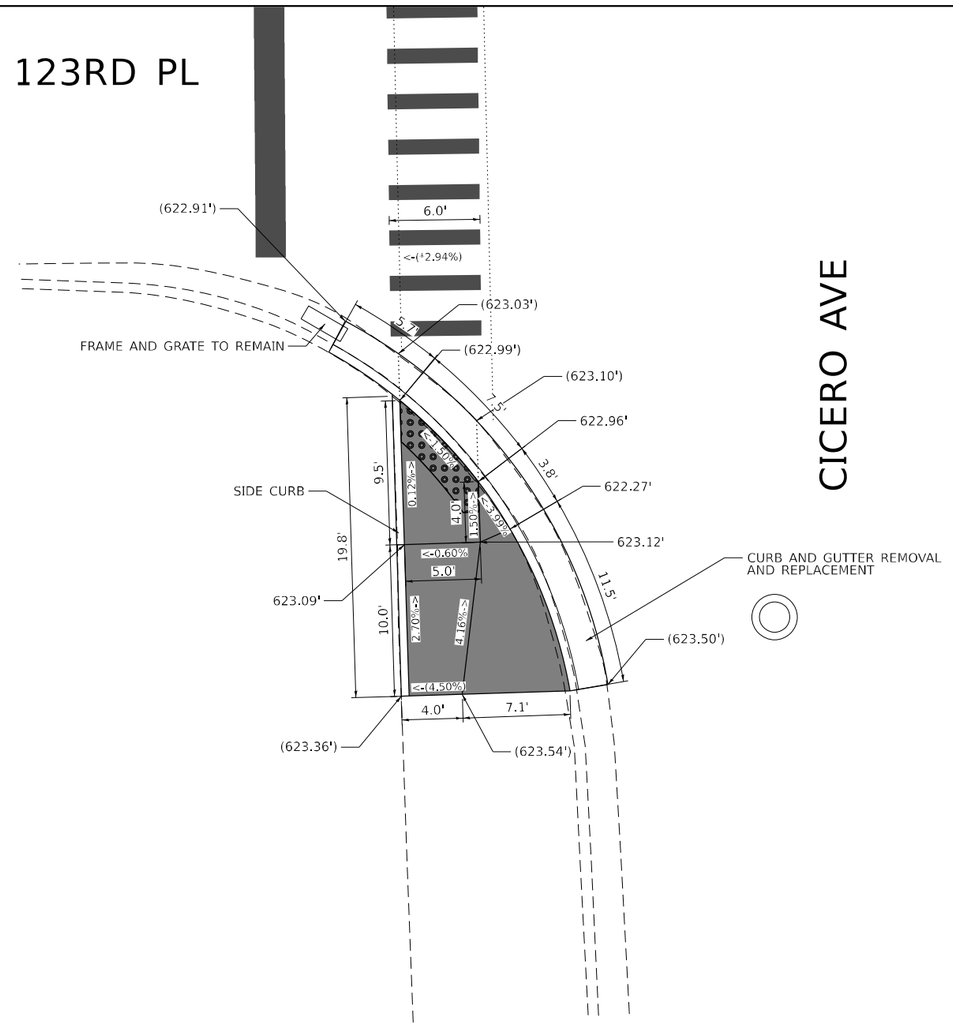
		DRAWN - AD	REVISED -	
	PLOT SCALE = 50.0000 ' / in.	CHECKED - MM	REVISED -	
	PLOT DATE = 1/24/2025	DATE - 01/24/2025	REVISED -	

CICERO AVENUE
PROPOSED PAVEMENT MARKING PLAN

SCALE: 1" = 50' | SHEET 14 OF 14 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	23
		CONTRACT NO. 62V36		
		ILLINOIS FED. AID PROJECT		



REFERENCE BENCHMARK: ELEV. 623.594

BENCHMARK: CONTROL POINT CUT CROSS ON WALK

LOCATION: 26 FEET SE OF CENTER OF INLET AT SW CORNER OF S CICERO AVE AND 123RD PL

LEGEND

PROPOSED DETECTABLE WARNINGS	PROPOSED PCC SIDEWALK
DEPRESSED CURB AND GUTTER	PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
PAVEMENT PATCHING	( ) EXISTING ELEVATION/SLOPE
REMOVE AND REINSTALL BRICK PAVER	XX.X' EXISTING LENGTH
SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD	XX.X' PROPOSED LENGTH

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

USER NAME = AlexDefrancesco		DESIGNED - AJD		REVISED -	
		DRAWN - AJD		REVISED -	
PLOT SCALE = 10.0000 ' / in.		CHECKED - MM		REVISED -	
PLOT DATE = 3/13/2025		DATE - 3/13/2025		REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 123RD PL

SCALE: 1" = 10' | SHEET 1 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	24
		CONTRACT NO. 62V36		
	ILLINOIS	FED. AID PROJECT		

MODEL: \$MODELNAME\$
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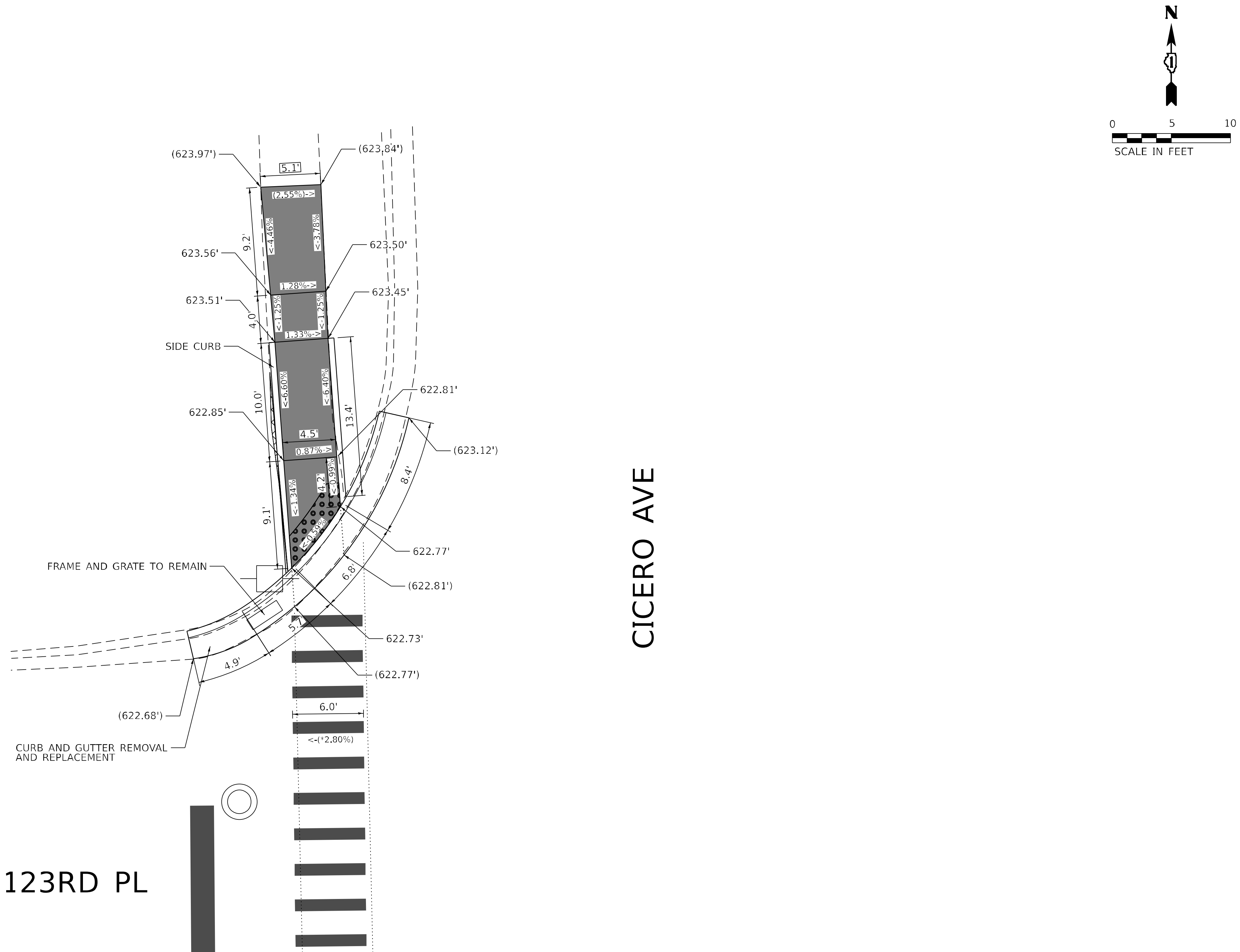


REFERENCE BENCHMARK: ELEV. 623.594

BENCHMARK: CONTROL POINT CUT CROSS ON WALK

LOCATION: 26 FEET SE OF CENTER OF INLET AT SW CORNER OF S CICERO AVE AND 123RD PL

LEGEND

PROPOSED DETECTABLE WARNINGS	PROPOSED PCC SIDEWALK
DEPRESSED CURB AND GUTTER	PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
PAVEMENT PATCHING	( ) EXISTING ELEVATION/SLOPE
REMOVE AND REINSTALL BRICK PAVER	XX.X' EXISTING LENGTH
SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD	XX.X' PROPOSED LENGTH

MODEL: $MODELNAME$
FILE NAME: Z:\Shared\Projects\IDOT\IFIC-602-000003 Design\02 CADD Sheets\CICERO AVENUE\D162V36-ADA_sht-02.dgn

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

USER NAME = AlexDefrancesco	DESIGNED - AJD	REVISED -	
	DRAWN - AJD	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - MM	REVISED -	
PLOT DATE = 3/13/2025	DATE - 3/13/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

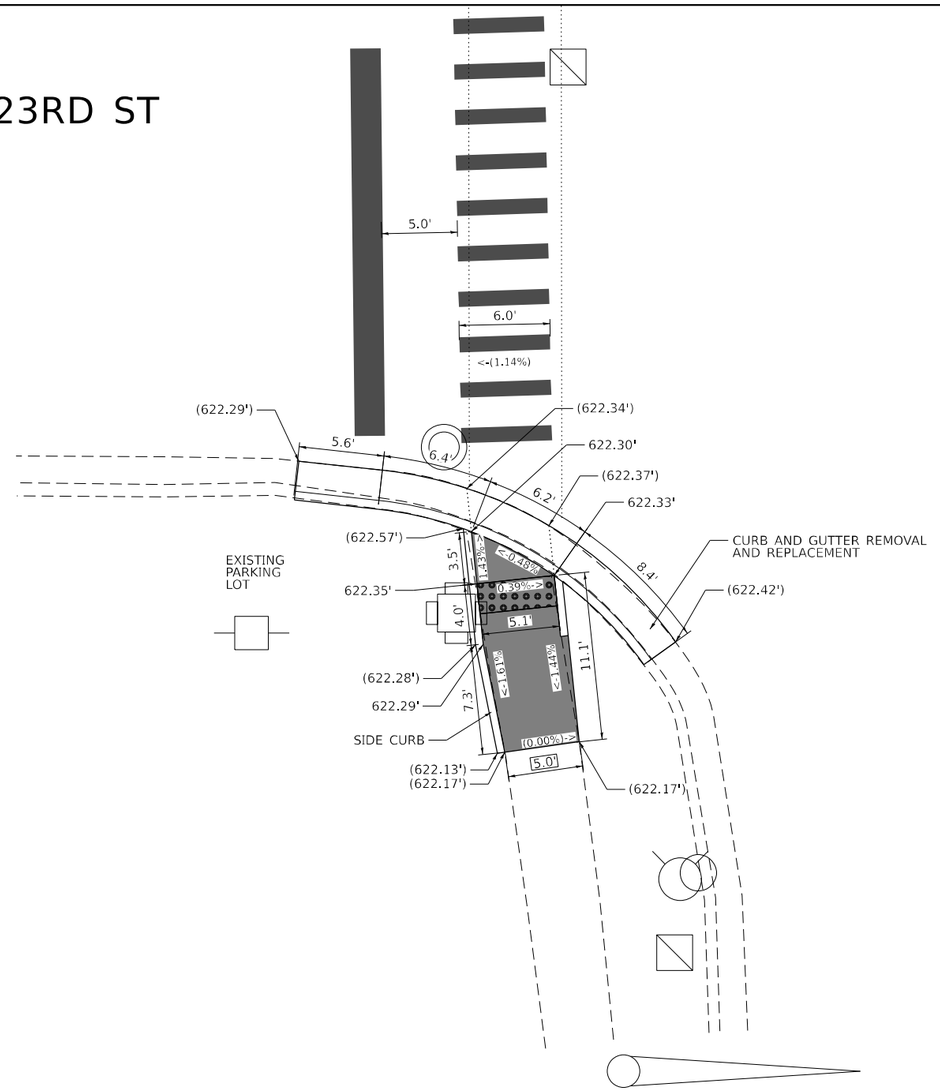
ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 123RD PL

SCALE: 1" = 10' | SHEET 2 OF 72 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	25

CONTRACT NO. 62V36

ILLINOIS | FED. AID PROJECT



REFERENCE BENCHMARK: ELEV. 623.187

BENCHMARK: CONTROL POINT CUT CROSS ON WALK

LOCATION: 10 FEET SW OF CENTER OF FIRE HYDRANT AT SW CORNER OF S CICERO AVE AND 123RD ST

LEGEND

PROPOSED DETECTABLE WARNINGS	PROPOSED PCC SIDEWALK
DEPRESSED CURB AND GUTTER	PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
PAVEMENT PATCHING	( ) EXISTING ELEVATION/SLOPE
REMOVE AND REINSTALL BRICK PAVER	XX.X' EXISTING LENGTH
SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD	XX.X' PROPOSED LENGTH

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

USER NAME = AlexDefrancesco	DESIGNED - AJD	REVISED -	
	DRAWN - AJD	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - MM	REVISED -	
PLOT DATE = 1/27/2025	DATE - 1/27/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 123RD ST

SCALE: 1" = 10' | SHEET 3 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	26
		CONTRACT NO. 62V36		
	ILLINOIS	FED. AID PROJECT		

MODEL: sMODELNAME5
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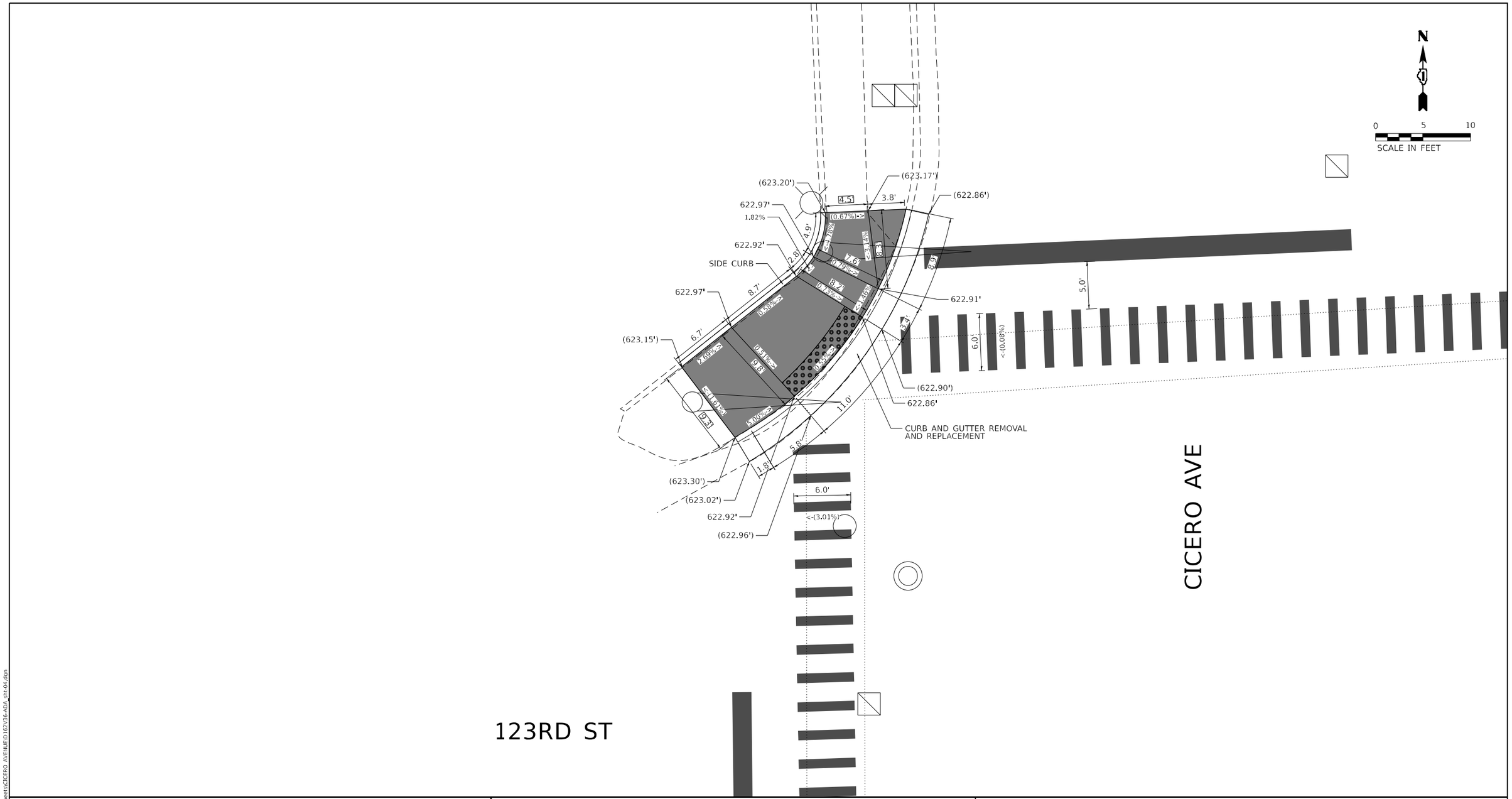

REFERENCE BENCHMARK: ELEV. 623.103

BENCHMARK: CONTROL POINT CUT CROSS ON WALK

LOCATION: 15 FEET SW OF CENTER OF LIGHT POLE AT NW CORNER OF S CICERO AVE AND 123RD ST

LEGEND

- PROPOSED DETECTABLE WARNINGS
- DEPRESSED CURB AND GUTTER
- PAVEMENT PATCHING
- REMOVE AND REINSTALL BRICK PAVER
- SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
- PROPOSED PCC SIDEWALK
- PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
- ( ) EXISTING ELEVATION/SLOPE
- XX.X' EXISTING LENGTH
- XX.X' PROPOSED LENGTH

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

USER NAME = AlexDefrancesco	DESIGNED - AJD	REVISED -	
	DRAWN - AJD	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - MM	REVISED -	
PLOT DATE = 1/27/2025	DATE - 1/27/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 123RD ST

SCALE: 1" = 10' | SHEET 4 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	27
		CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			

MODEL: $MODELNAME$
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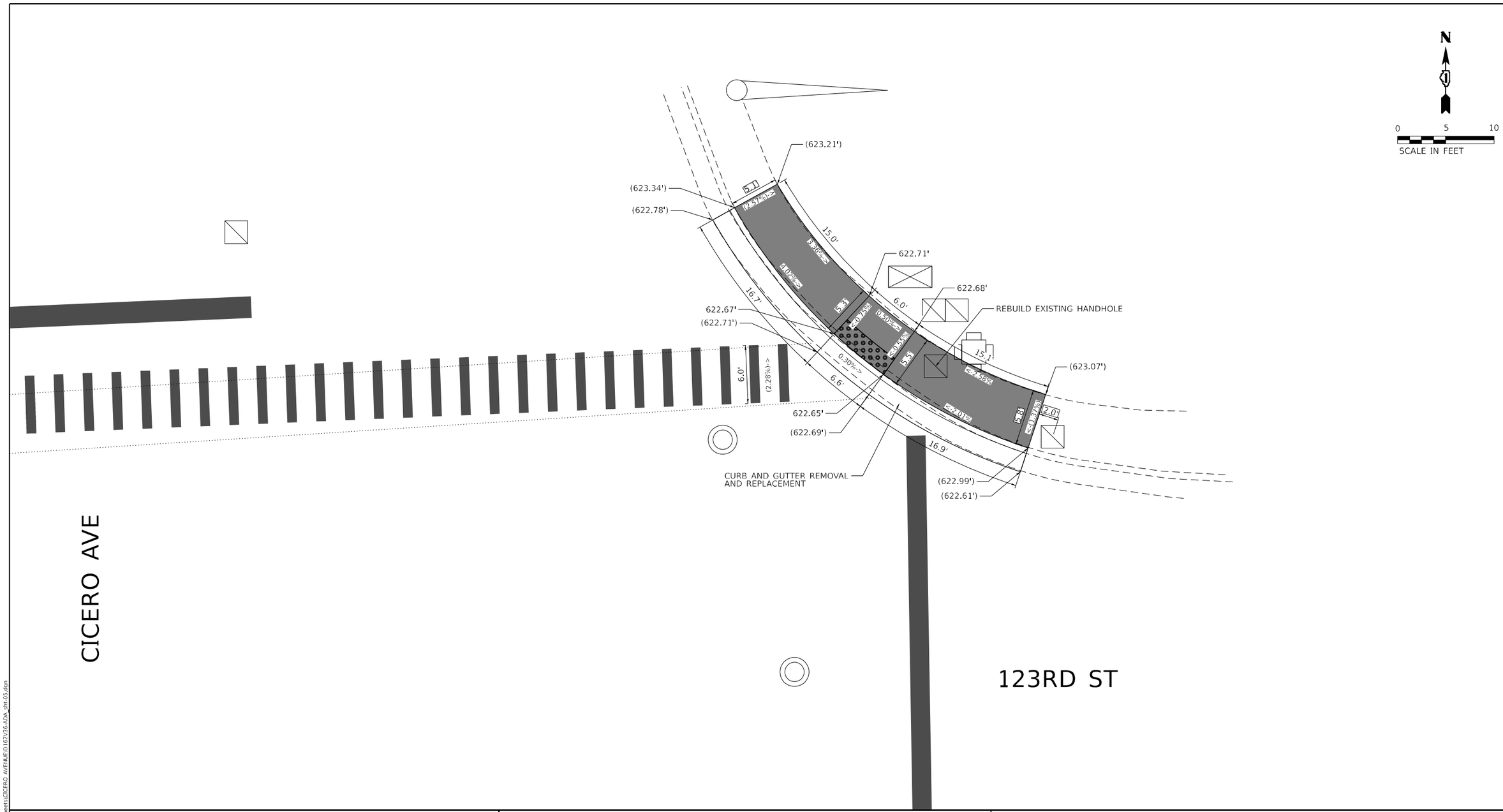

REFERENCE BENCHMARK: ELEV. 623.103

BENCHMARK: CONTROL POINT CUT CROSS ON WALK

LOCATION: 15 FEET SW OF CENTER OF LIGHT POLE AT NW CORNER OF S CICERO AVE AND 123RD ST

LEGEND

- PROPOSED DETECTABLE WARNINGS
- DEPRESSED CURB AND GUTTER
- PAVEMENT PATCHING
- REMOVE AND REINSTALL BRICK PAVER
- SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
- PROPOSED PCC SIDEWALK
- PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
- ( ) EXISTING ELEVATION/SLOPE
- XX.X' EXISTING LENGTH
- XX.X' PROPOSED LENGTH

OSEH inc.
401 S CARLTON AVE
SUITE 201
WHEATON, IL 60187
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USER NAME = AlexDefrancesco	DESIGNED - AJD	REVISED -	
	DRAWN - AJD	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - MM	REVISED -	
PLOT DATE = 1/27/2025	DATE - 1/27/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 123RD ST

SCALE: 1" = 10' | SHEET 5 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	28
		CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			

MODEL: $MODELNAME$
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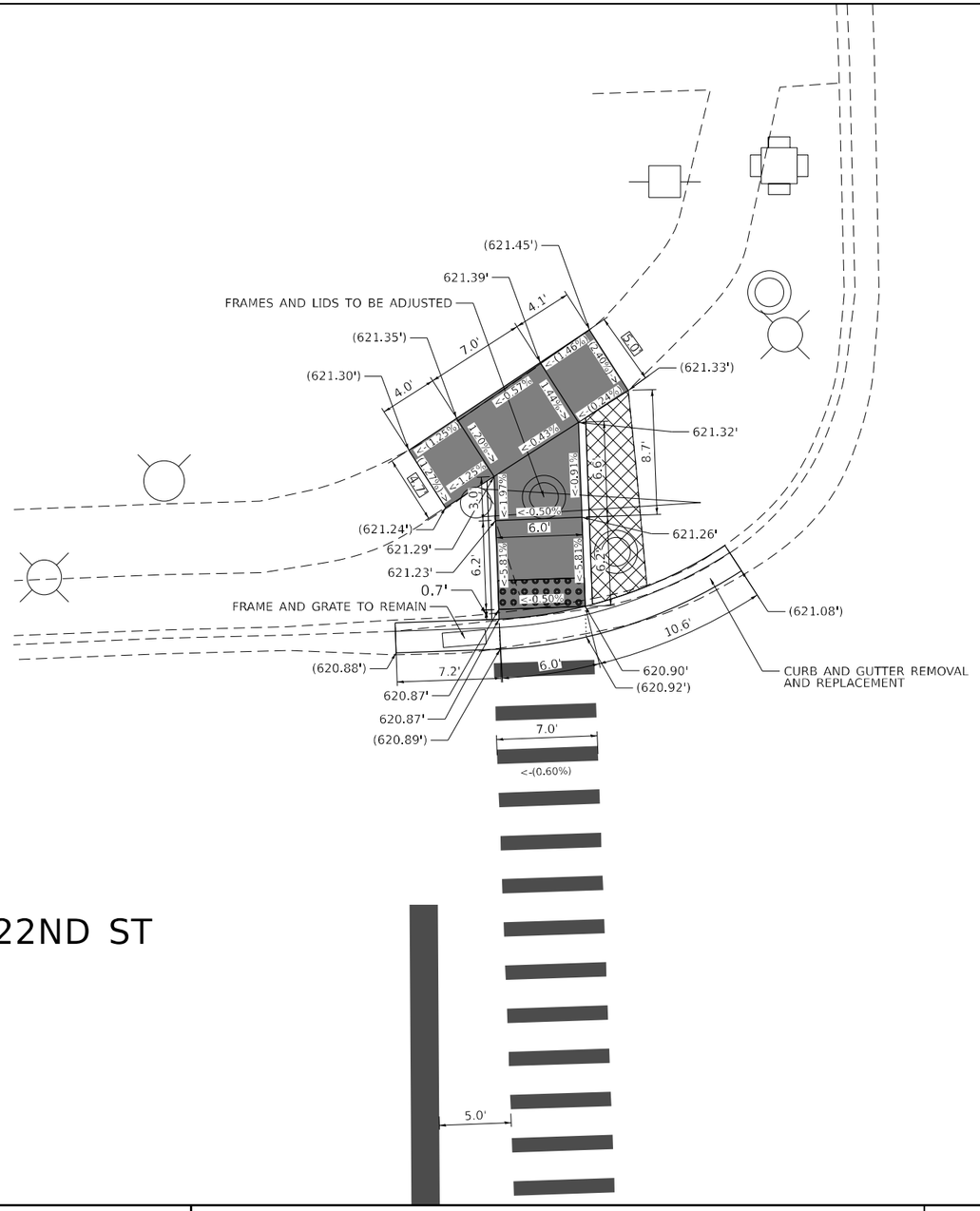

REFERENCE BENCHMARK: ELEV. 621.485

BENCHMARK: CONTROL POINT CUT CROSS ON WALK

LOCATION: 11 FEET SW OF CENTER OF TRAFFIC SIGNAL POLE AT NW CORNER OF S CICERO AVE AND 122ND ST

LEGEND

PROPOSED DETECTABLE WARNINGS	PROPOSED PCC SIDEWALK
DEPRESSED CURB AND GUTTER	PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
PAVEMENT PATCHING	( ) EXISTING ELEVATION/SLOPE
REMOVE AND REINSTALL BRICK PAVER	XX.X' EXISTING LENGTH
SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD	XX.X' PROPOSED LENGTH

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		DRAWN - AJD		REVISED -	
PLOT SCALE = 10.0000 ' / in.		CHECKED - MM		REVISED -	
PLOT DATE = 3/13/2025		DATE - 3/13/2025		REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 122ND ST

SCALE: 1" = 10' | SHEET 6 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	29
		CONTRACT NO. 62V36		
	ILLINOIS	FED. AID PROJECT		

MODEL: $MODELNAME$
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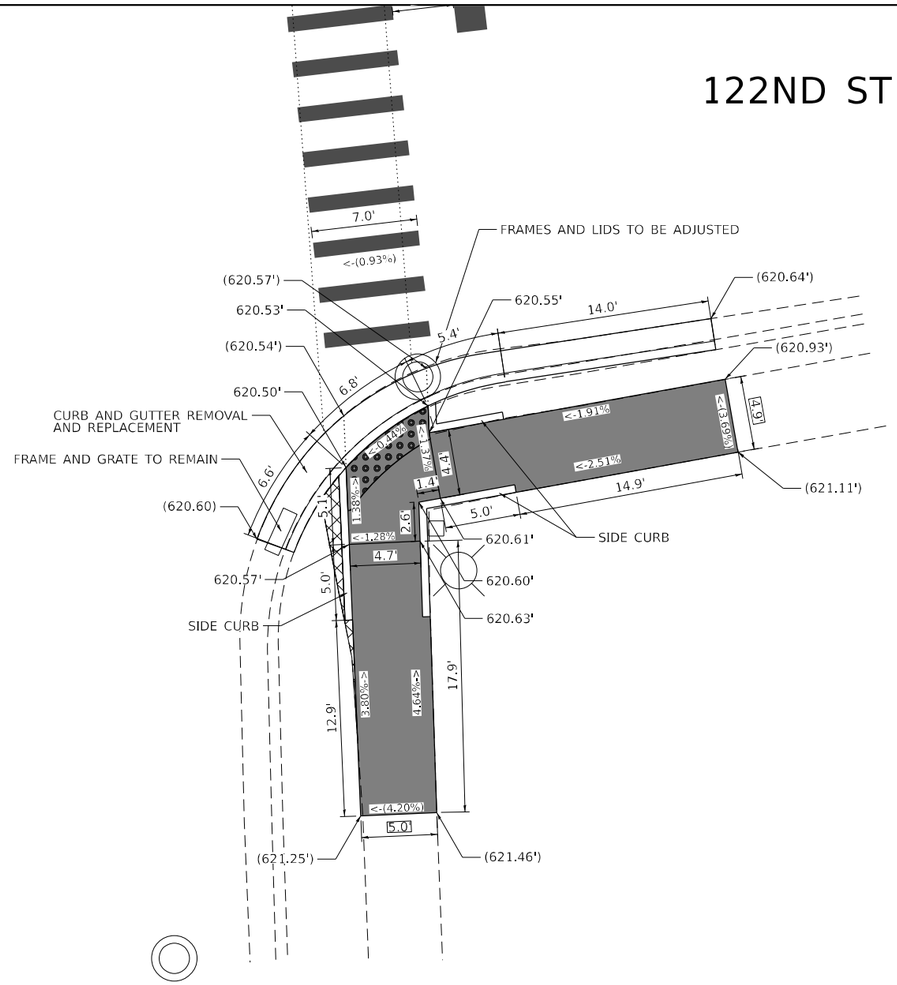
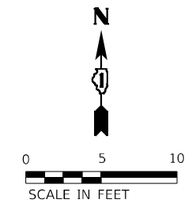
CICERO AVE

122ND ST





REFERENCE BENCHMARK: ELEV. 621.013

BENCHMARK: CONTROL POINT CUT CROSS ON WALK

LOCATION: 7 FEET EAST OF CENTER OF INLET AT SE CORNER OF S CICERO AVE AND 122ND ST

LEGEND

PROPOSED DETECTABLE WARNINGS	PROPOSED PCC SIDEWALK
DEPRESSED CURB AND GUTTER	PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
PAVEMENT PATCHING	( ) EXISTING ELEVATION/SLOPE
REMOVE AND REINSTALL BRICK PAVER	XX.X' EXISTING LENGTH
SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD	XX.X' PROPOSED LENGTH

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SUITE 201
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	DRAWN - AJD	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - MM	REVISED -
PLOT DATE = 3/13/2025	DATE - 3/13/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 122ND ST

SCALE: 1" = 10' | SHEET 7 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	30
		CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			

MODEL: $MODELNAME$
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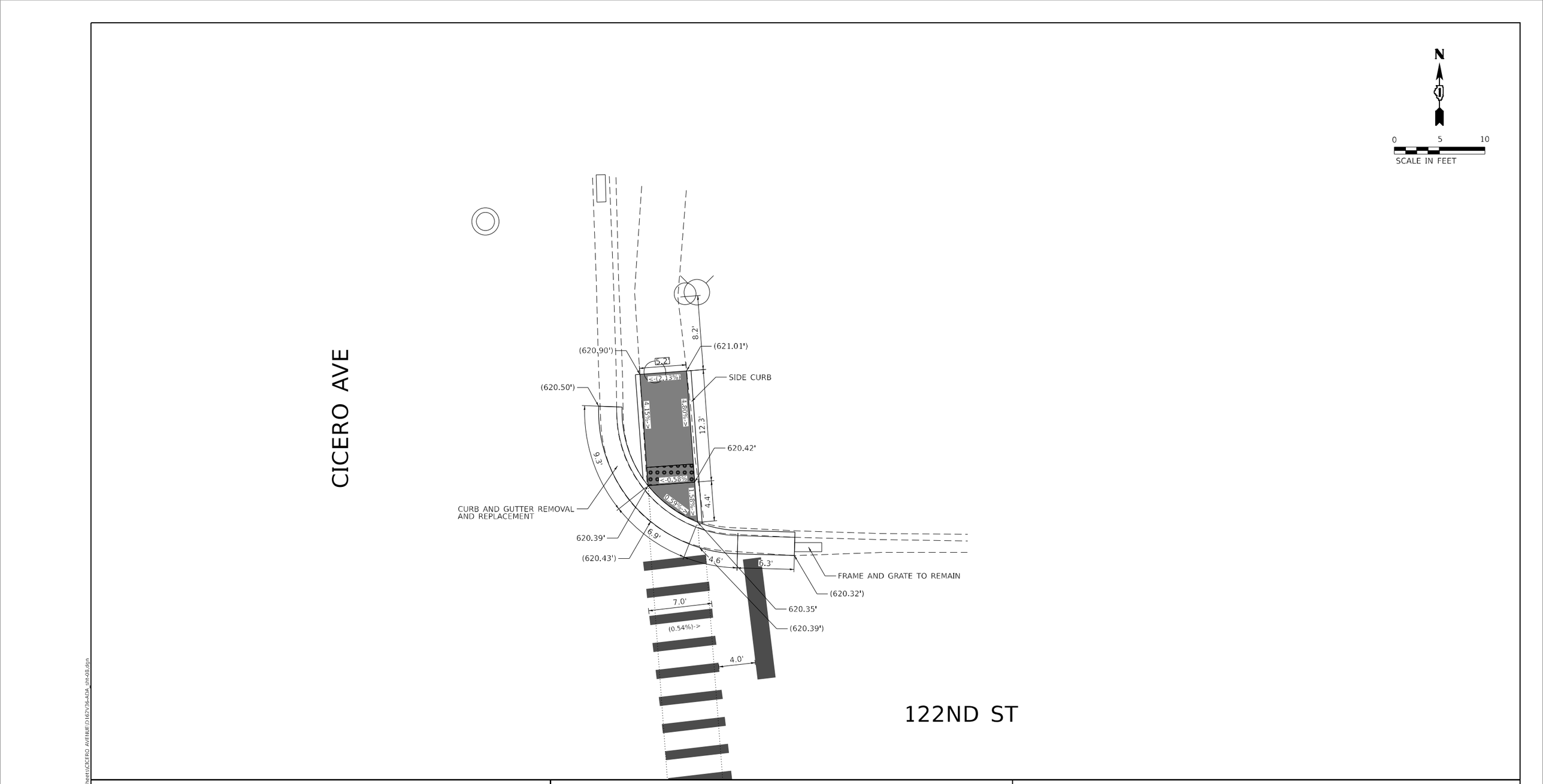

REFERENCE BENCHMARK: ELEV. 621.013

BENCHMARK: CONTROL POINT CUT CROSS ON WALK

LOCATION: 7 FEET EAST OF CENTER OF INLET AT SE CORNER OF S CICERO AVE AND 122ND ST

LEGEND

- PROPOSED DETECTABLE WARNINGS
- DEPRESSED CURB AND GUTTER
- PAVEMENT PATCHING
- REMOVE AND REINSTALL BRICK PAVER
- SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
- PROPOSED PCC SIDEWALK
- PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
- ( ) EXISTING ELEVATION/SLOPE
- XX.X' EXISTING LENGTH
- XX.X' PROPOSED LENGTH

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SUITE 203
WHEATON, IL 60187
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	DRAWN - AJD	REVISED -
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PLOT DATE = 3/13/2025	DATE - 3/13/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 122ND ST

SCALE: 1" = 10' | SHEET 8 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	31
		CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			

MODEL: $MODELNAME$
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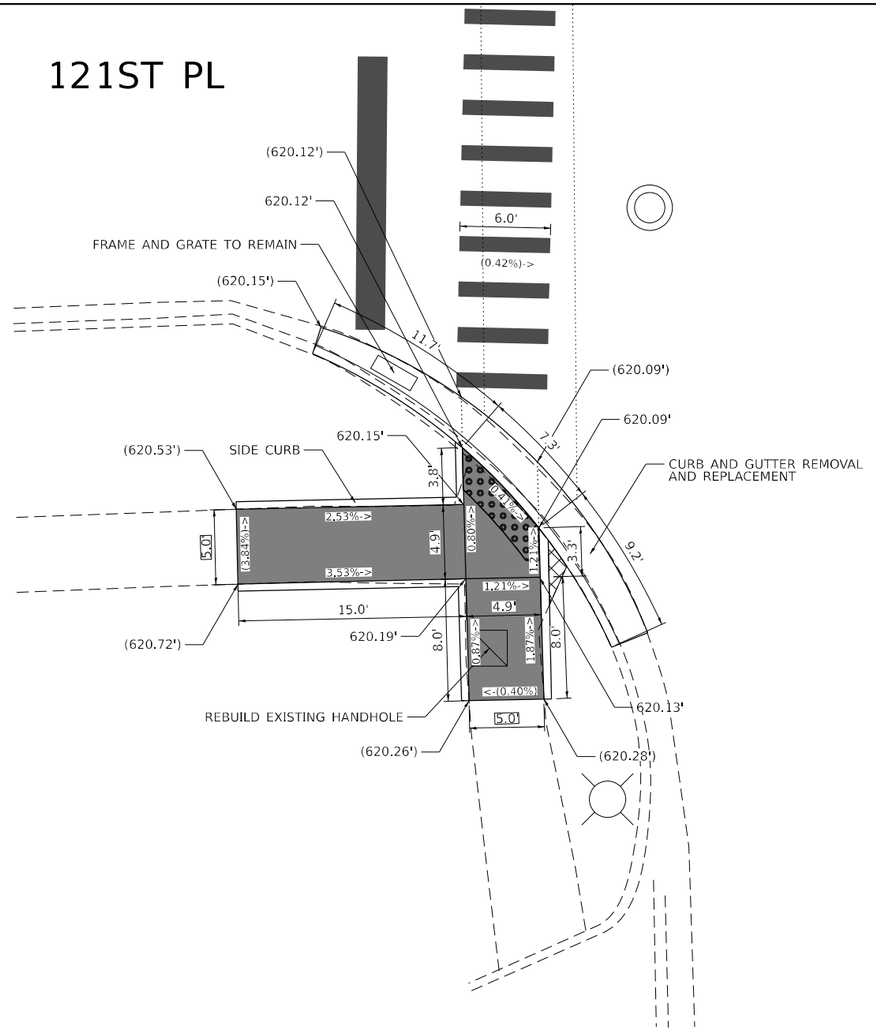

REFERENCE BENCHMARK: ELEV. 620.16

BENCHMARK: CONTROL POINT CUT CROSS ON WALK

LOCATION: 3 FEET NORTH OF CENTER OF TRAFFIC SIGNAL HANDHOLE AT SW CORNER OF S CICERO AVE AND 121ST PL

LEGEND

PROPOSED DETECTABLE WARNINGS	PROPOSED PCC SIDEWALK
DEPRESSED CURB AND GUTTER	PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
PAVEMENT PATCHING	( ) EXISTING ELEVATION/SLOPE
REMOVE AND REINSTALL BRICK PAVER	XX.X' EXISTING LENGTH
SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD	XX.X' PROPOSED LENGTH

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SUITE 201
WHEATON, IL 60187
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	DRAWN - AJD	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - MM	REVISED -	
PLOT DATE = 3/13/2025	DATE - 3/13/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 121ST PL

SCALE: 1" = 10' | SHEET 9 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	32
		CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			

MODEL: sMODELNAME5
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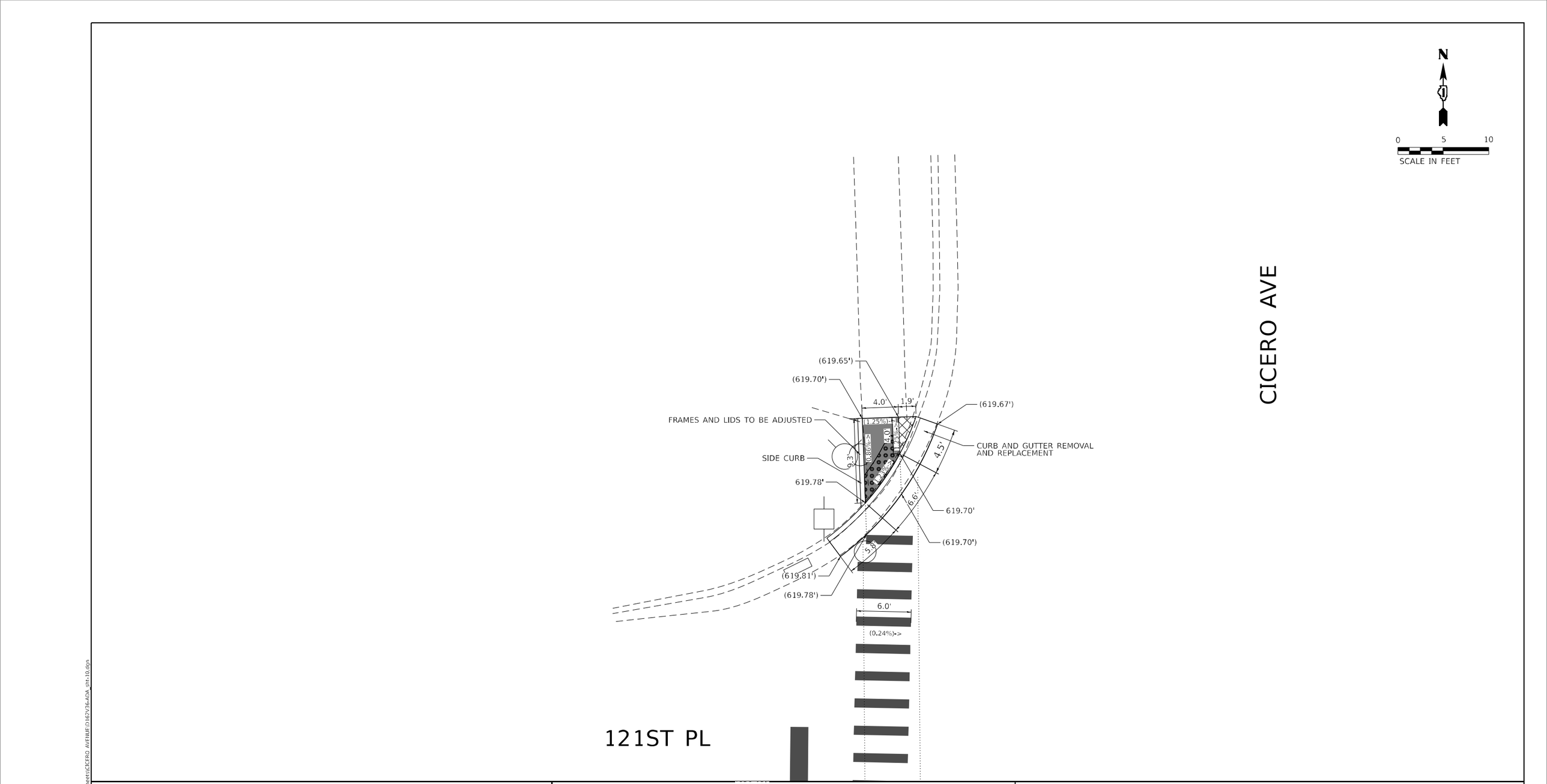

REFERENCE BENCHMARK: ELEV. 620.16

BENCHMARK: CONTROL POINT CUT CROSS ON WALK

LOCATION: 3 FEET NORTH OF CENTER OF TRAFFIC SIGNAL HANDHOLE AT SW CORNER OF S CICERO AVE AND 121ST PL

LEGEND

PROPOSED DETECTABLE WARNINGS	PROPOSED PCC SIDEWALK
DEPRESSED CURB AND GUTTER	PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
PAVEMENT PATCHING	( ) EXISTING ELEVATION/SLOPE
REMOVE AND REINSTALL BRICK PAVER	XX.X' EXISTING LENGTH
SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD	XX.X' PROPOSED LENGTH

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SUITE 201
WHEATON, IL 60187
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USER NAME = AlexDefrancesco	DESIGNED - AJD	REVISED -	
	DRAWN - AJD	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - MM	REVISED -	
PLOT DATE = 3/13/2025	DATE - 3/13/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 121ST PL

SCALE: 1" = 10' | SHEET 10 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	33
		CONTRACT NO. 62V36		
	ILLINOIS	FED. AID PROJECT		

MODEL: \\MODELNAME\$
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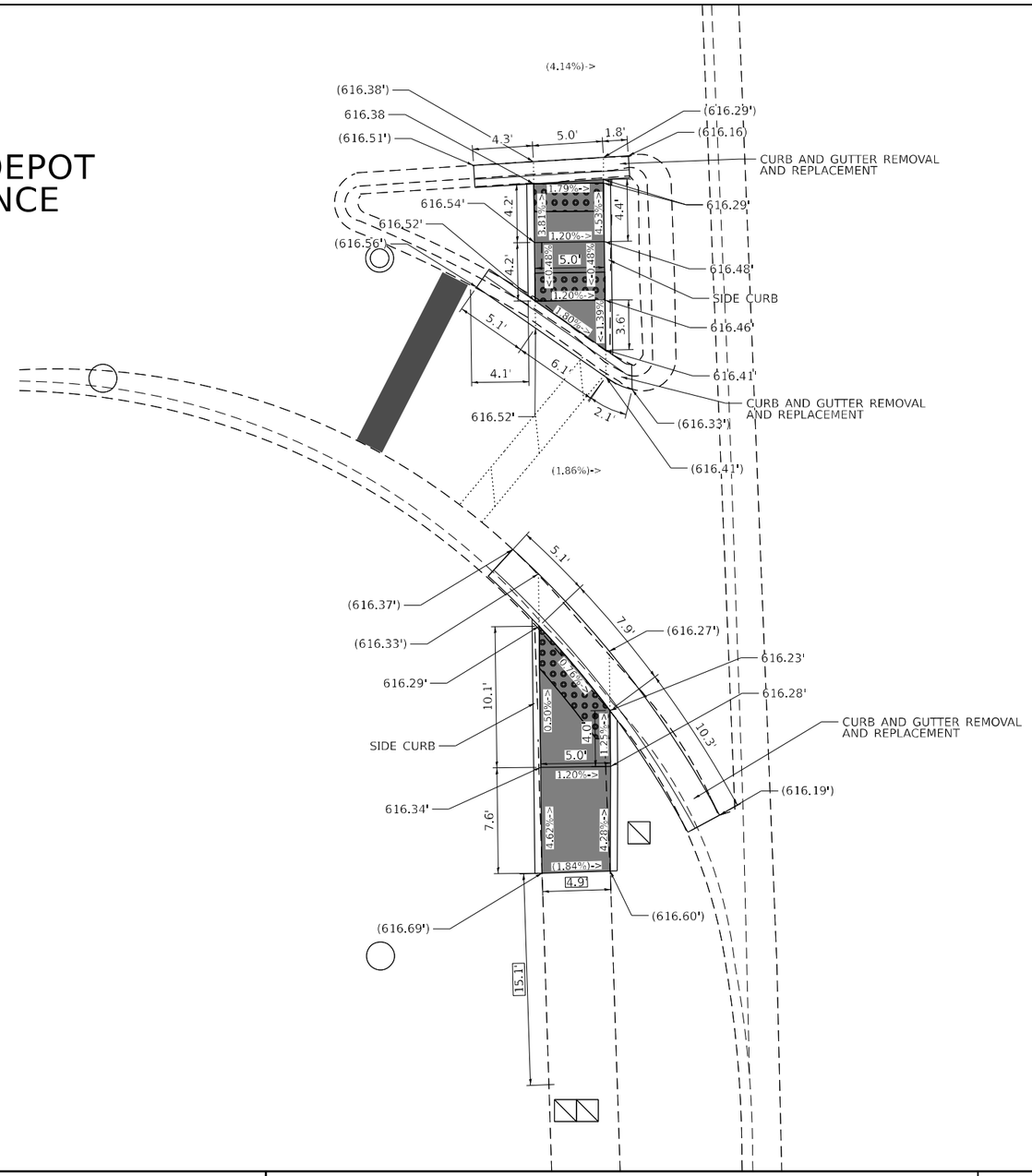
HOME DEPOT ENTRANCE



REFERENCE BENCHMARK: ELEV. 618.94

BENCHMARK: CONTROL POINT CUT CROSS ON WALK

LOCATION: CENTER OF WALK 13 FEET SOUTH OF THE SOUTH EDGE OF THE DRIVEWAY AT THE SW CORNER OF IL 50 (CICERO AVE) AND ENTRANCE TO HOME DEPOT

LEGEND

PROPOSED DETECTABLE WARNINGS	PROPOSED PCC SIDEWALK
DEPRESSED CURB AND GUTTER	PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
PAVEMENT PATCHING	( ) EXISTING ELEVATION/SLOPE
REMOVE AND REINSTALL BRICK PAVER	XX.X' EXISTING LENGTH
SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD	XX.X' PROPOSED LENGTH

OSEH inc.
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SUITE 201
WHEATON, IL 60187
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USER NAME = AlexDefrancesco	DESIGNED - AJD	REVISED -
	DRAWN - AJD	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - MM	REVISED -
PLOT DATE = 1/27/2025	DATE - 1/27/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT HOME DEPOT ENTRANCE

SCALE: 1" = 10' | SHEET 11 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	34
		CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			

MODEL: \$MODELNAME\$
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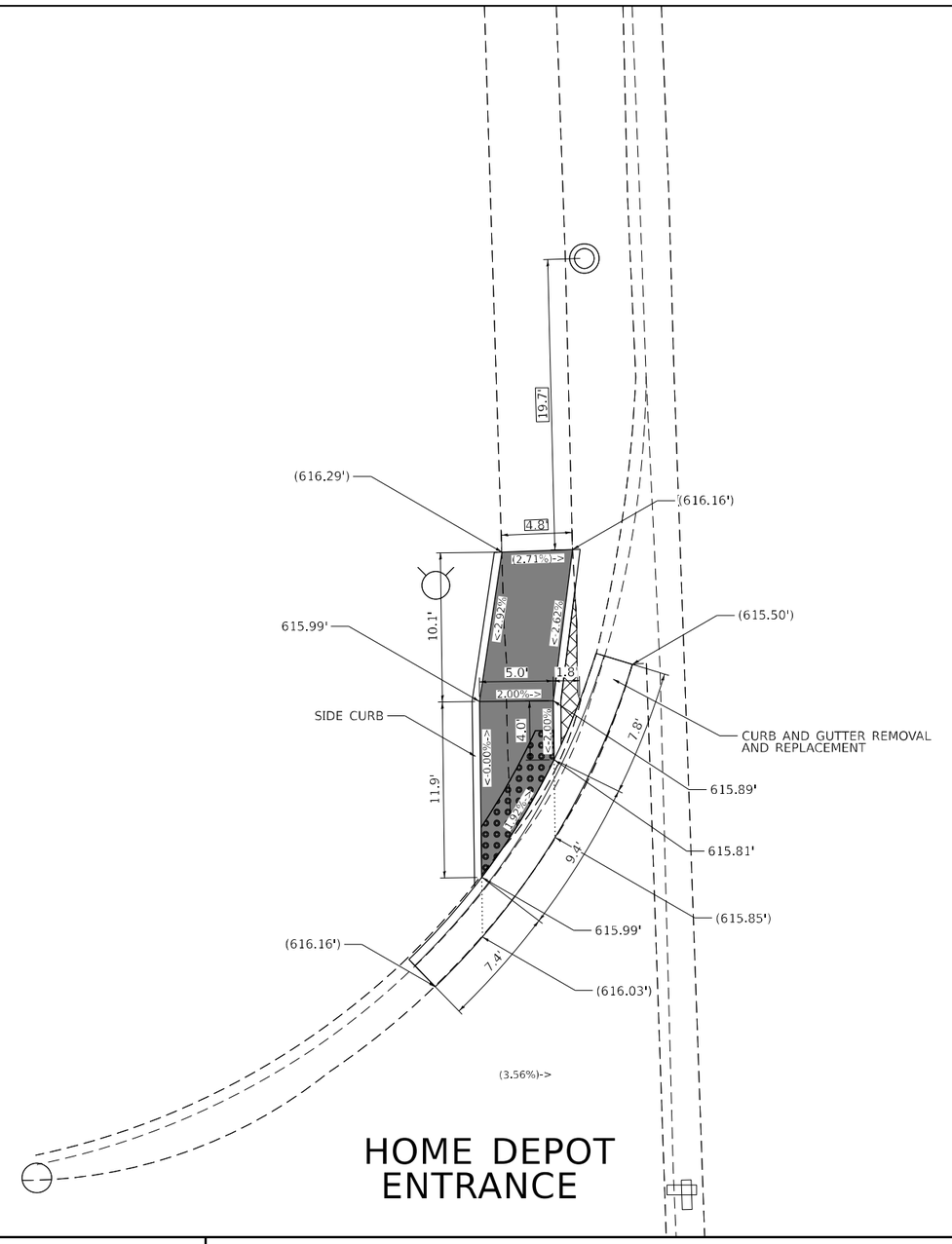

REFERENCE BENCHMARK: ELEV. 617.78

BENCHMARK: CENTER OF SW BOLTT AT FIRE HYDRANT

LOCATION: FIRE HYDRANT AT NW CORNER OF IL 50 (CICERO AVE) AND ENTRANCE TO HOME DEPOT

LEGEND

	PROPOSED DETECTABLE WARNINGS		PROPOSED PCC SIDEWALK
	DEPRESSED CURB AND GUTTER		PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
	PAVEMENT PATCHING	( )	EXISTING ELEVATION/SLOPE
	REMOVE AND REINSTALL BRICK PAVER	XX.X'	EXISTING LENGTH
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD	XX.X'	PROPOSED LENGTH

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	DRAWN - AJD	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - MM	REVISED -
PLOT DATE = 1/27/2025	DATE - 1/27/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT HOME DEPOT ENTRANCE

SCALE: 1" = 10' | SHEET 12 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	35
		CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			

MODEL: $MODELNAME$
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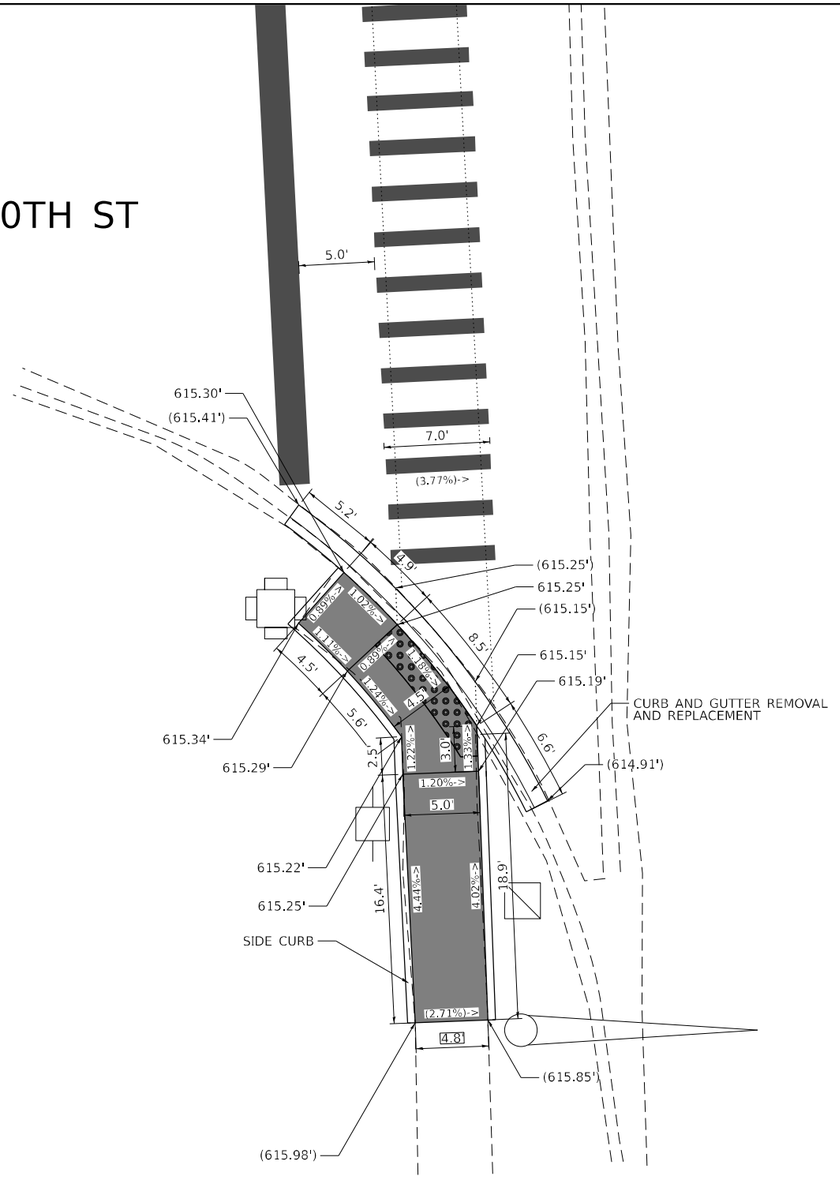
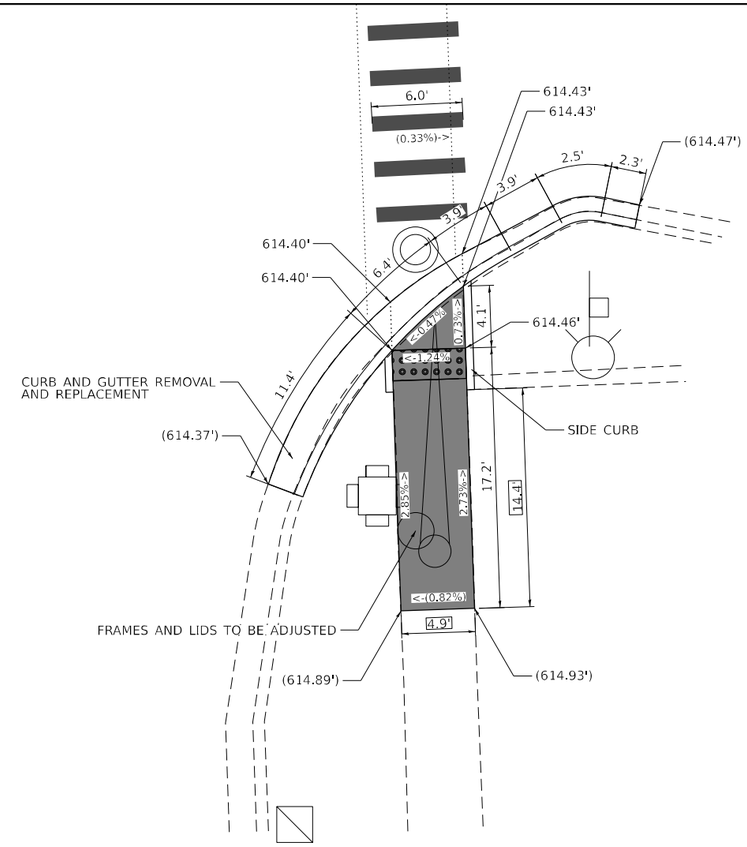
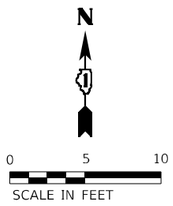


CICERO AVE





REFERENCE BENCHMARK: ELEV. 614.55

BENCHMARK: CONTROL POINT CUT CROSS ON WALK

LOCATION: 3 FEET WEST OF CENTER OF UTILITY POLE AT NE CORNER OF S CICERO AVE AND 120TH ST

LEGEND

PROPOSED DETECTABLE WARNINGS	PROPOSED PCC SIDEWALK
DEPRESSED CURB AND GUTTER	PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
PAVEMENT PATCHING	( ) EXISTING ELEVATION/SLOPE
REMOVE AND REINSTALL BRICK PAVER	XX.X' EXISTING LENGTH
SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD	XX.X' PROPOSED LENGTH

OSEH inc.
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SUITE 201
WHEATON, IL 60187
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USER NAME = AlexDefrancesco	DESIGNED - AJD	REVISED -
	DRAWN - AJD	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - MM	REVISED -
PLOT DATE = 1/27/2025	DATE - 1/27/2025	REVISED -

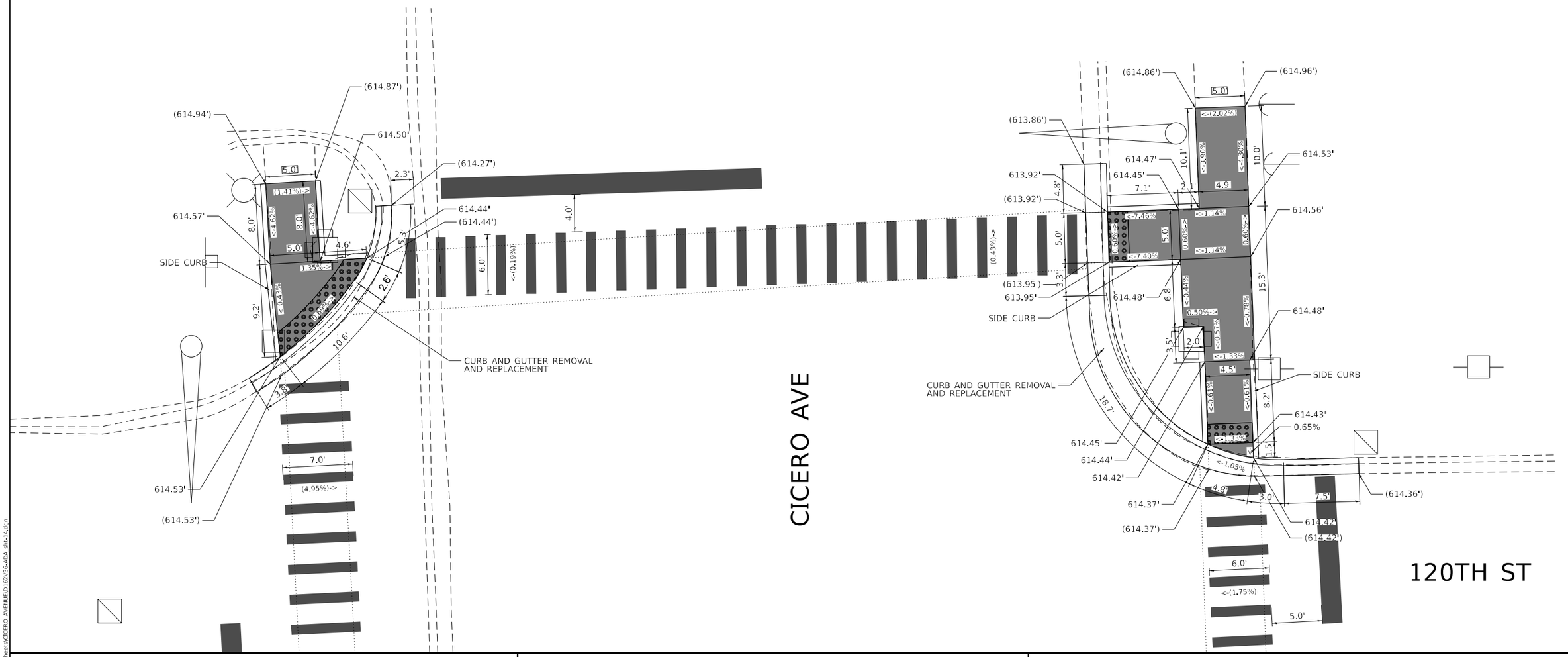
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 120TH ST

SCALE: 1" = 10' | SHEET 13 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	36
		CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			

MODEL: \$MODELNAME\$
FILE NAME: Z:\Shared\Projects\IDOT\EIC-202-020003_Design\02_CADD Sheets\CICERO AVENUE\D162V36-ADA_sht-13.dgn



REFERENCE BENCHMARK: ELEV. 614.55

BENCHMARK: CONTROL POINT CUT CROSS ON WALK

LOCATION: 3 FEET WEST OF CENTER OF UTILITY POLE AT NE CORNER OF S CICERO AVE AND 120TH ST

LEGEND

- PROPOSED DETECTABLE WARNINGS
- DEPRESSED CURB AND GUTTER
- PAVEMENT PATCHING
- REMOVE AND REINSTALL BRICK PAVER
- SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
- PROPOSED PCC SIDEWALK
- PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
- ( ) EXISTING ELEVATION/SLOPE
- XX.X' EXISTING LENGTH
- XX.X' PROPOSED LENGTH

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SUITE 201
WHEATON, IL 60187
WWW.OSEHINC.COM

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	DRAWN - AJD	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - MM	REVISED -
PLOT DATE = 1/27/2025	DATE - 1/27/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 120TH ST

SCALE: 1" = 10' | SHEET 14 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	37
		CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			

MODEL: \$MODELNAME\$
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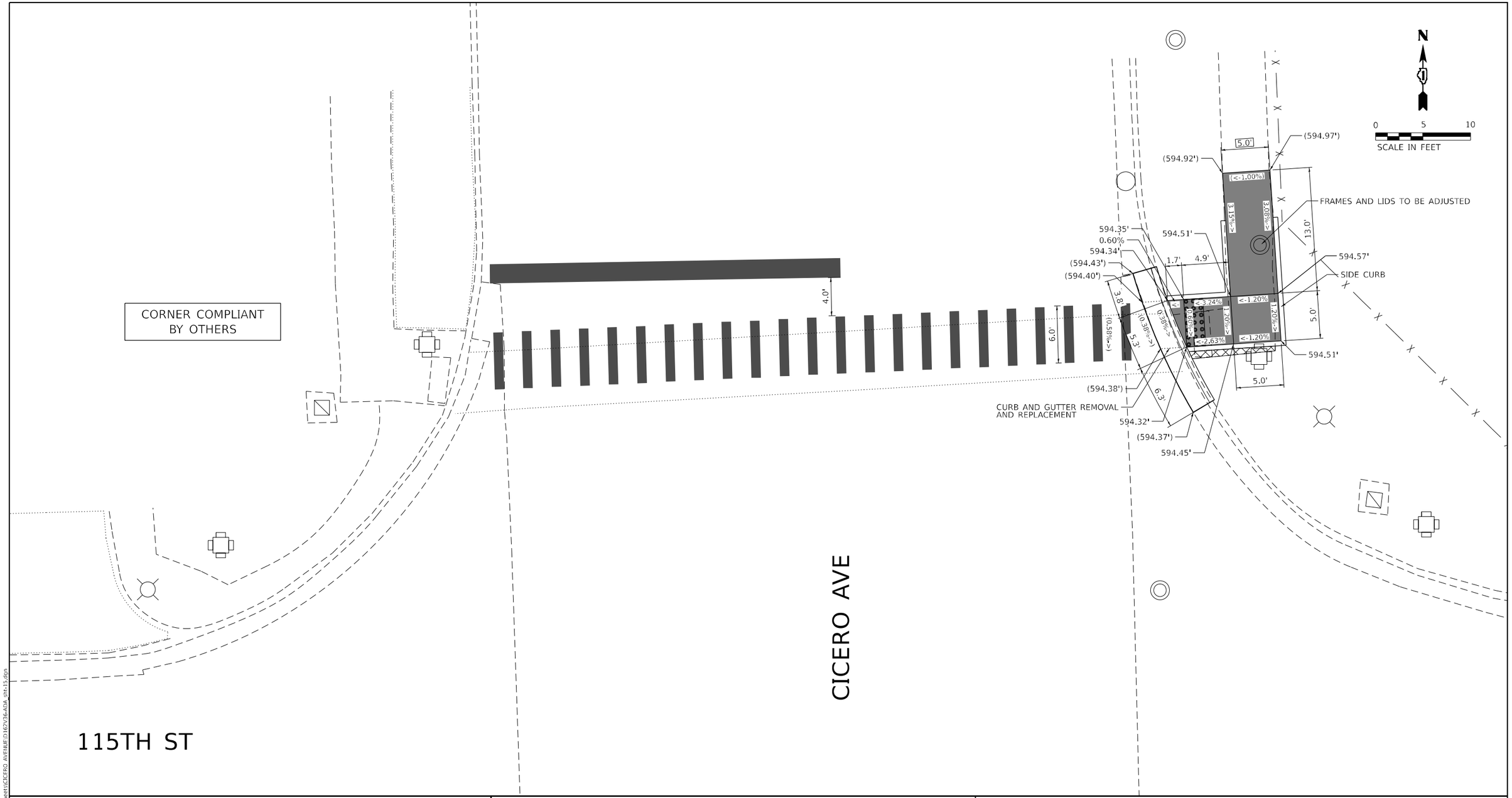

REFERENCE BENCHMARK: ELEV. 597.49

BENCHMARK: CONCRETE LIGHT POLE FOUNDATION

LOCATION: 15.8 FEET EAST OF SOUTHEAST CORNER OF IL 50 (CICERO AVENUE) AND 115TH STREET

LEGEND

- PROPOSED DETECTABLE WARNINGS
- DEPRESSED CURB AND GUTTER
- PAVEMENT PATCHING
- REMOVE AND REINSTALL BRICK PAVER
- SIDEWALK REMOVAL
  REPLACE WITH TOPSOIL & SOD
- PROPOSED PCC SIDEWALK
- PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
- ( ) EXISTING ELEVATION/SLOPE
- XX.X' EXISTING LENGTH
- XX.X' PROPOSED LENGTH

MODEL: 1MODELNAMES
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	DRAWN - AJD	REVISED -
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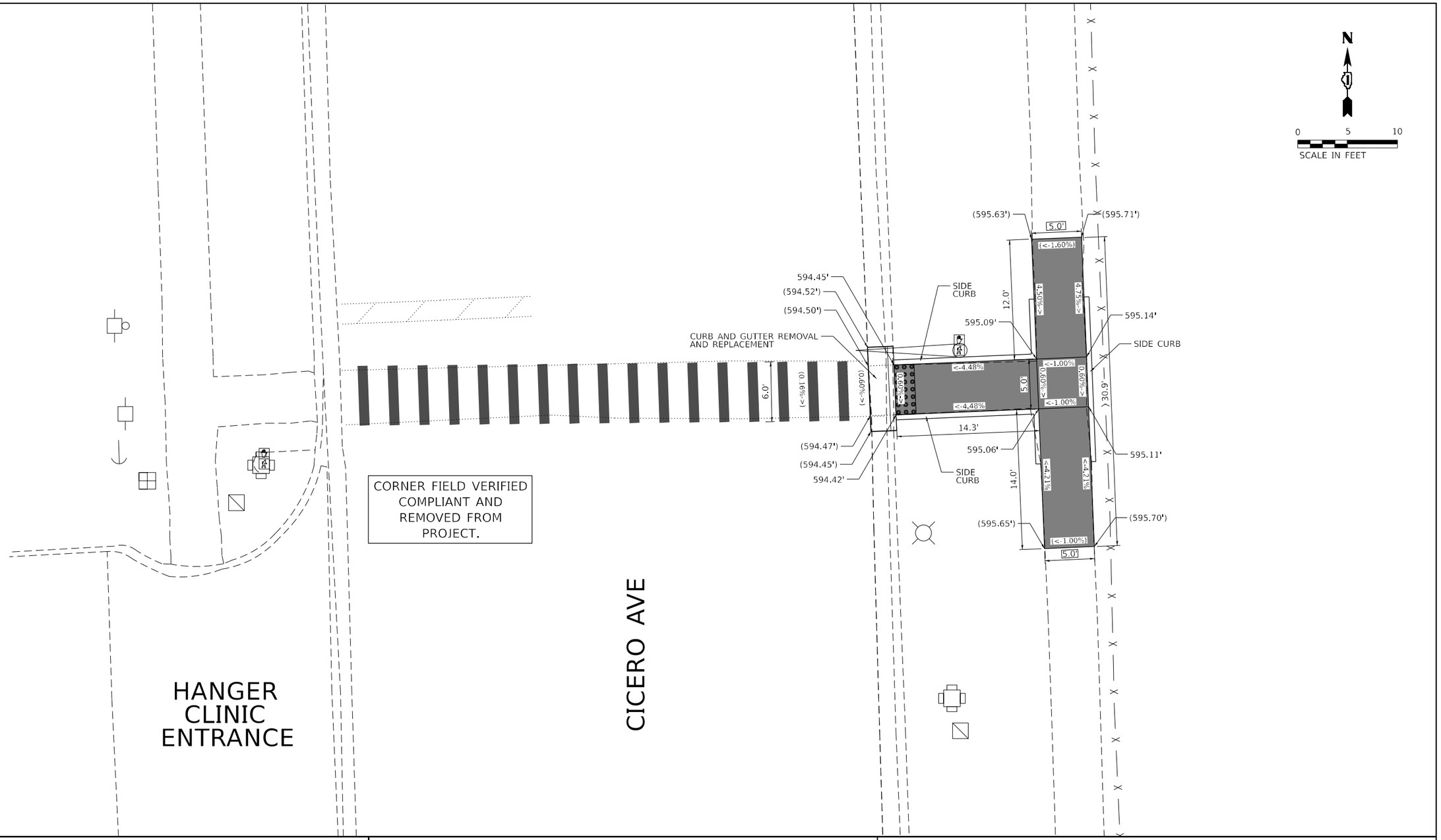
ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 115TH ST

SCALE: 1" = 10' | SHEET 15 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	38
		CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			



REFERENCE BENCHMARK: ELEV. 595.337

BENCHMARK: TRAFFIC SIGNAL HAND HOLE

LOCATION: 8.1 FEET E OF IL 50 (CICERO AVENUE) AND N. MDWEST BANK ENTRANCE

LEGEND

PROPOSED DETECTABLE WARNINGS	PROPOSED PCC SIDEWALK
DEPRESSED CURB AND GUTTER	PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
PAVEMENT PATCHING	( ) EXISTING ELEVATION/SLOPE
REMOVE AND REINSTALL BRICK PAVER	XX.X' EXISTING LENGTH
SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD	XX.X' PROPOSED LENGTH

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		DRAWN - AJD		REVISED -	
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PLOT DATE = 1/27/2025		DATE - 1/27/2025		REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT HANGER CLINIC ENTRANCE

SCALE: 1" = 10' | SHEET 16 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	39
		CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			

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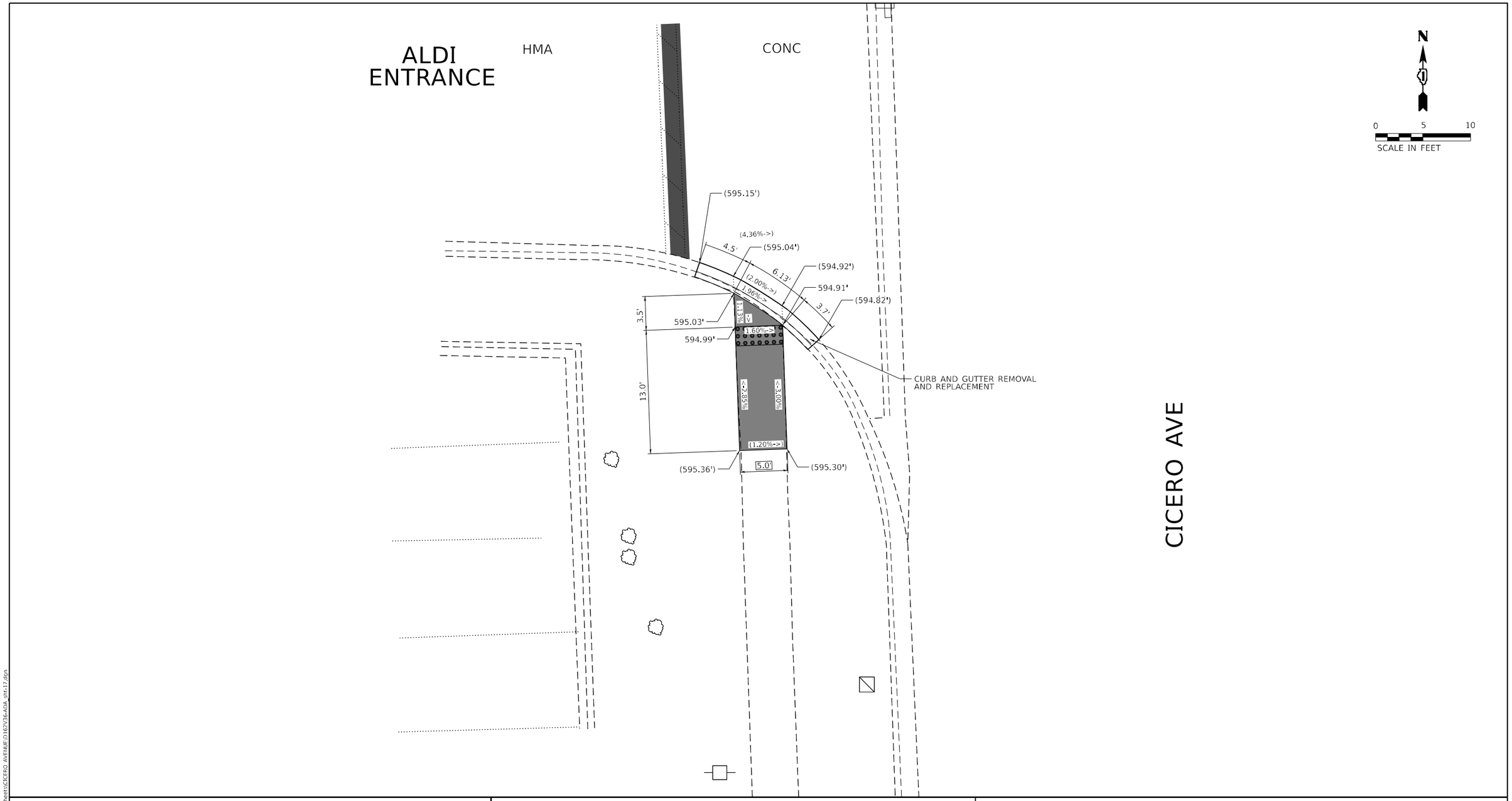

REFERENCE BENCHMARK: ELEV. 596.866

BENCHMARK: SW FIRE HYDRANT BOLT

LOCATION: 63.8 FEET N OF CORNER AT NW CORNER OF US 50 (CICERO AVENUE) AND ALDI ENTRANCE

LEGEND

	PROPOSED DETECTABLE WARNINGS		PROPOSED PCC SIDEWALK
	DEPRESSED CURB AND GUTTER		PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
	PAVEMENT PATCHING	( )	EXISTING ELEVATION/SLOPE
	REMOVE AND REINSTALL BRICK PAVER	XX.X'	EXISTING LENGTH
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD	XX.X'	PROPOSED LENGTH

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PLOT DATE = 1/27/2025	DATE - 1/27/2025	REVISED -	

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ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT ALDI ENTRANCE

SCALE: 1" = 10' | SHEET 17 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	40
		CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			

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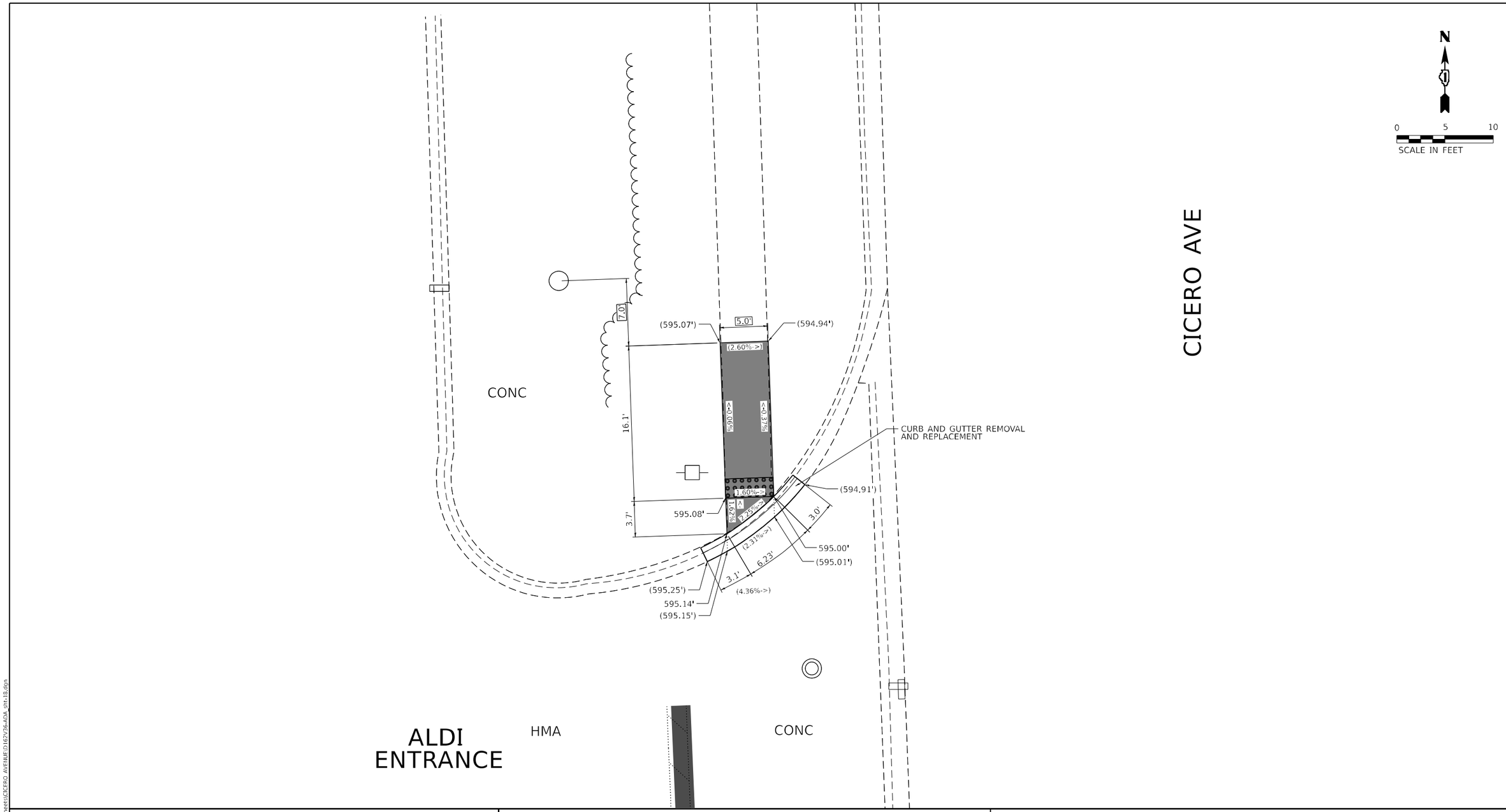

REFERENCE BENCHMARK: ELEV. 596.866

BENCHMARK: SW FIRE HYDRANT BOLT

LOCATION: 63.8 FEET N OF CORNER AT NW CORNER OF US 50 (CICERO AVENUE) AND ALDI ENTRANCE

LEGEND

PROPOSED DETECTABLE WARNINGS	PROPOSED PCC SIDEWALK
DEPRESSED CURB AND GUTTER	PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
PAVEMENT PATCHING	( ) EXISTING ELEVATION/SLOPE
REMOVE AND REINSTALL BRICK PAVER	XX.X' EXISTING LENGTH
SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD	XX.X' PROPOSED LENGTH

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PLOT DATE = 1/27/2025	DATE - 1/27/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT ALDI ENTRANCE

SCALE: 1" = 10' | SHEET 18 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	41
		CONTRACT NO. 62V36		
	ILLINOIS	FED. AID PROJECT		

MODEL: sMODELNAME$
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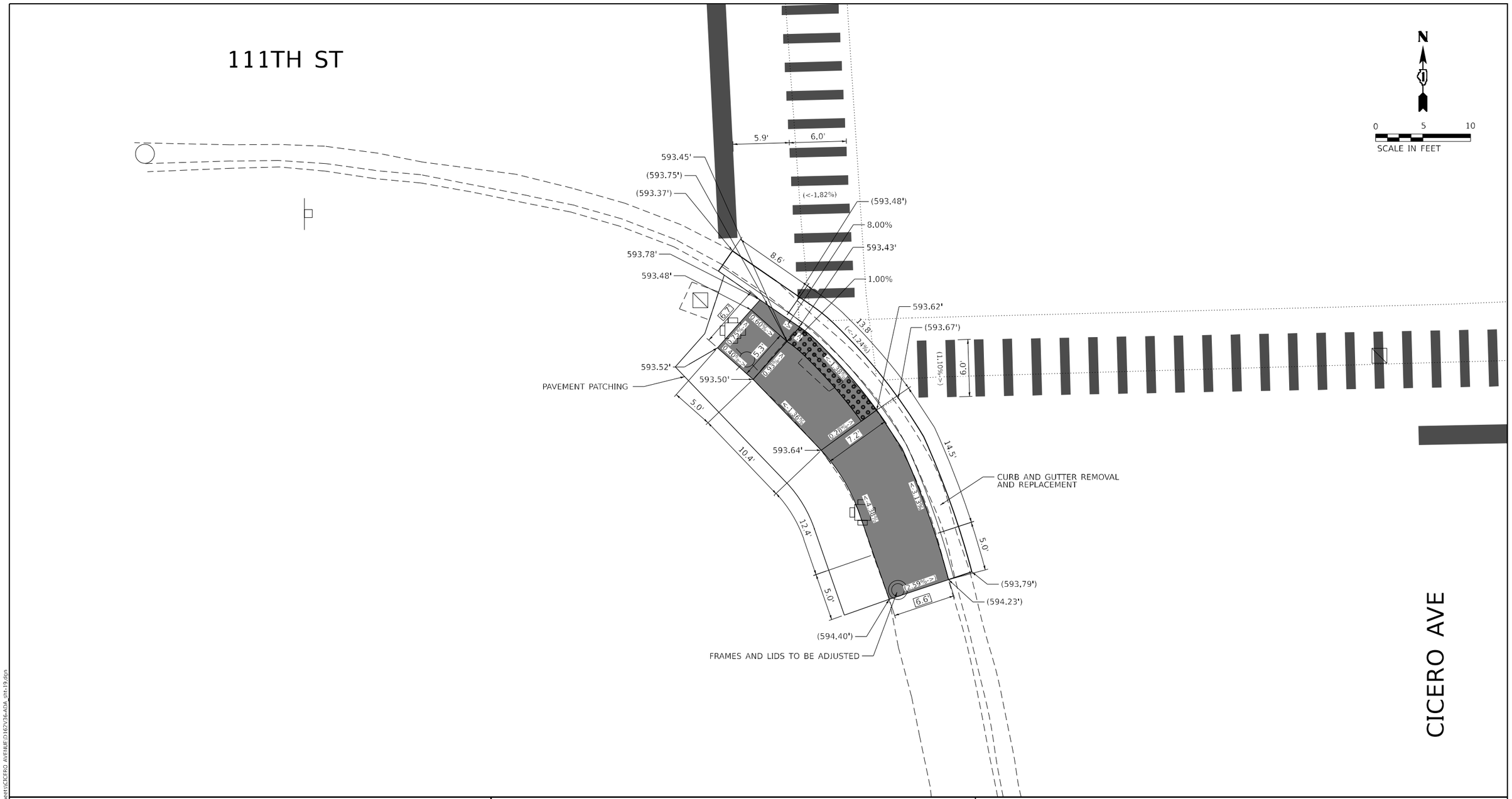

LOCATION: SW CORNER OF CICERO AVE AT 111TH ST

LEGEND

- PROPOSED DETECTABLE WARNINGS
- DEPRESSED CURB AND GUTTER
- PAVEMENT PATCHING
- REMOVE AND REINSTALL BRICK PAVER
- SIDEWALK REMOVAL
  REPLACE WITH TOPSOIL & SOD
- PROPOSED PCC SIDEWALK
- PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
- ( ) EXISTING ELEVATION/SLOPE
- XX.X' EXISTING LENGTH
- XX.X' PROPOSED LENGTH

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	DRAWN - AJD	REVISED -	
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PLOT DATE = 1/27/2025	DATE - 1/27/2025	REVISED -	

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ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 111TH ST

SCALE: 1" = 10' | SHEET 19 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	42
		CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			

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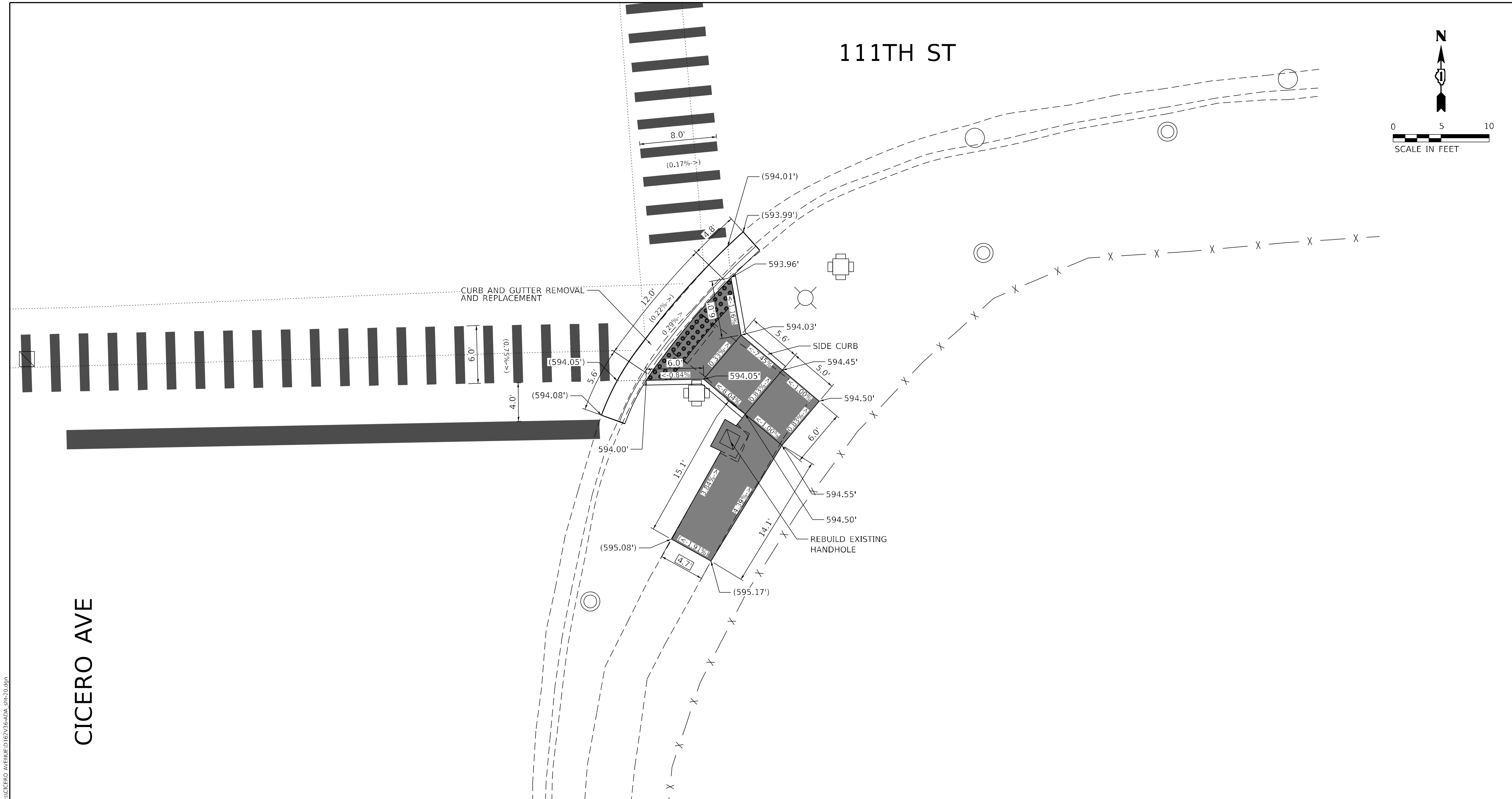

REFERENCE BENCHMARK: ELEV. 594.952

BENCHMARK: CONTROL POINT CROSS ON WALK

LOCATION: 18.9 FEET SOUTH OF SE CORNER 18.9 FEET SOUTH OF SE CORNER

LEGEND

PROPOSED DETECTABLE WARNINGS	PROPOSED PCC SIDEWALK
DEPRESSED CURB AND GUTTER	PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
PAVEMENT PATCHING	( ) EXISTING ELEVATION/SLOPE
REMOVE AND REINSTALL BRICK PAVER	XX.X' EXISTING LENGTH
SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD	XX.X' PROPOSED LENGTH

MODEL: $MODELNAME$
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STATE OF ILLINOIS
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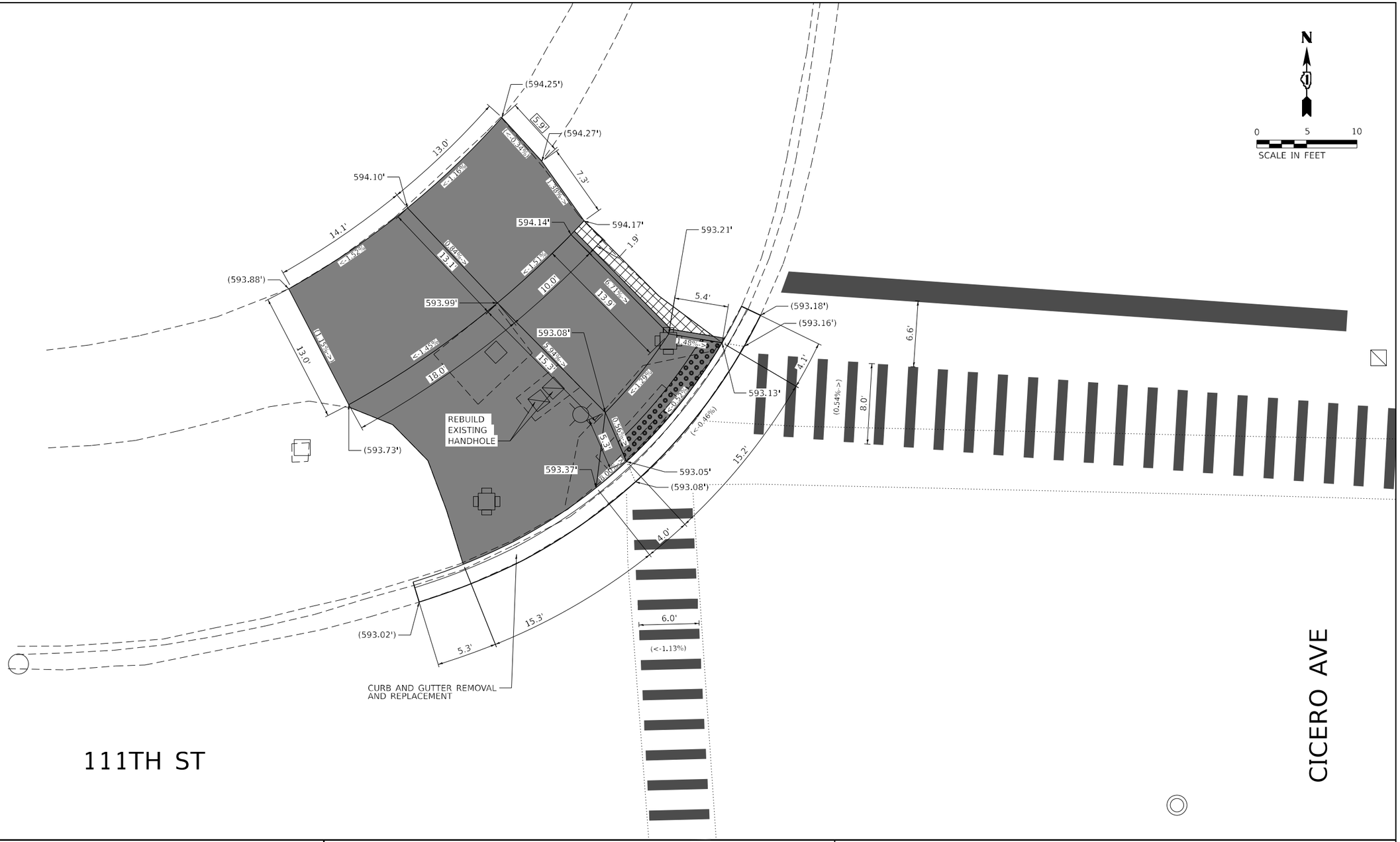
ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 111TH ST

SCALE: 1" = 10' | SHEET 20 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	43
		CONTRACT NO. 62V36		
		ILLINOIS FED. AID PROJECT		



REFERENCE BENCHMARK: ELEV. 593.622

BENCHMARK: CONTROL POINT CROSS ON WALK

LOCATION: 8.4 FEET NORTH OF NW CORNER OF IL 50 (CICERO AVENUE) AND 111TH STREET

LEGEND

	PROPOSED DETECTABLE WARNINGS		PROPOSED PCC SIDEWALK
	DEPRESSED CURB AND GUTTER		PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
	PAVEMENT PATCHING	( )	EXISTING ELEVATION/SLOPE
	REMOVE AND REINSTALL BRICK PAVER	XX.X'	EXISTING LENGTH
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD	XX.X'	PROPOSED LENGTH

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	DRAWN - AJD	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - MM	REVISED -	
PLOT DATE = 1/27/2025	DATE - 1/27/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 111TH ST

SCALE: 1" = 10' | SHEET 21 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	44
		CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			

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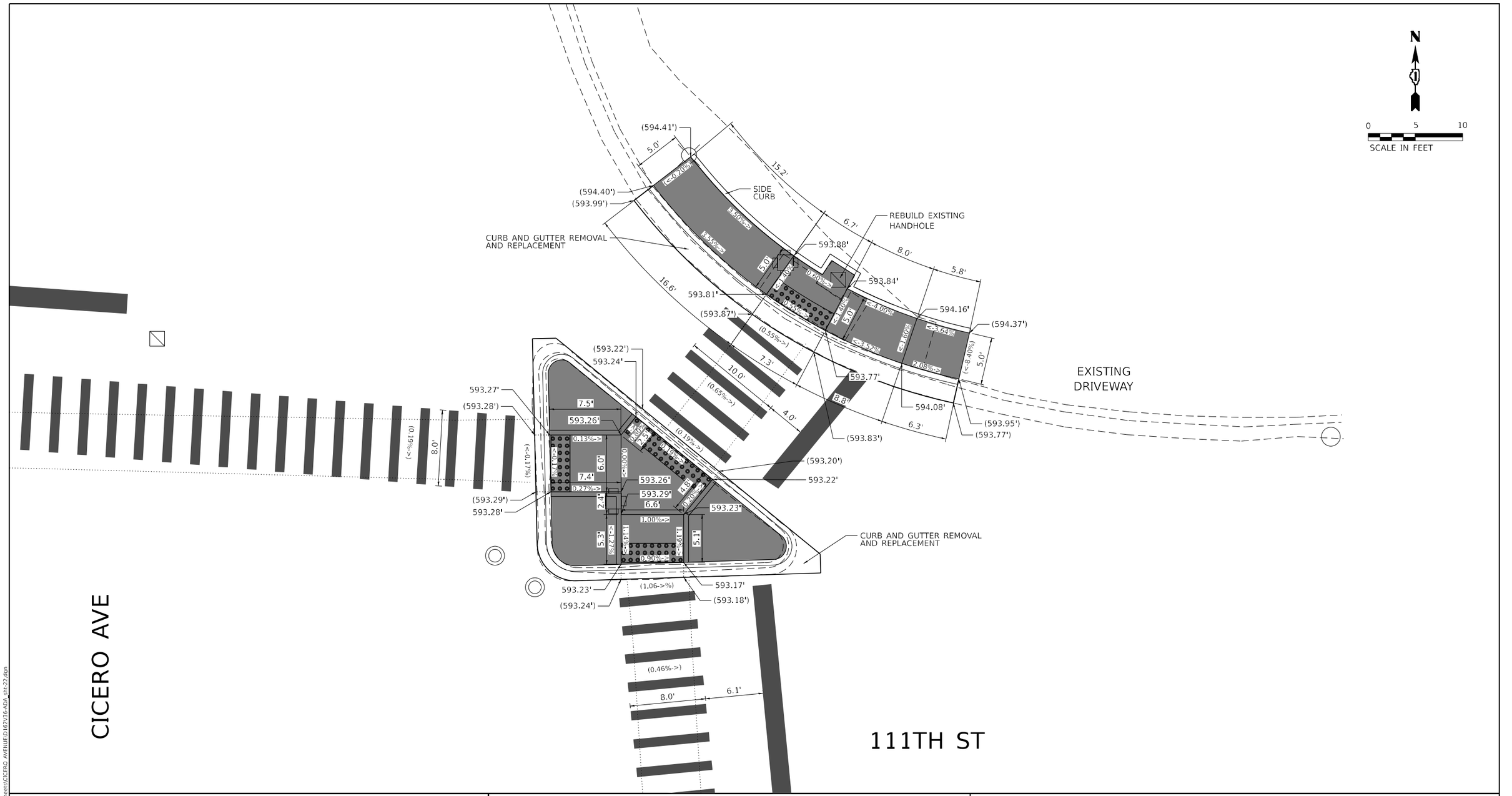

REFERENCE BENCHMARK: ELEV. 594.702

BENCHMARK: CONTROL POINT CROSS ON WALK

LOCATION: 10.1' NORTHWEST OF SE CORNER OF CONCRETE ISLAND AT IL 50 (CICERO AVENUE) AND 111TH STREET NORTHEAST CORNER

LEGEND

- PROPOSED DETECTABLE WARNINGS
- DEPRESSED CURB AND GUTTER
- PAVEMENT PATCHING
- REMOVE AND REINSTALL BRICK PAVER
- SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
- PROPOSED PCC SIDEWALK
- PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
- ( ) EXISTING ELEVATION/SLOPE
- XX.X' EXISTING LENGTH
- XX.X' PROPOSED LENGTH

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PLOT SCALE = 10.0000 ' / in.	CHECKED - MM	REVISED -	
PLOT DATE = 1/27/2025	DATE - 1/27/2025	REVISED -	

STATE OF ILLINOIS
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ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 111TH ST

SCALE: 1" = 10' | SHEET 22 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	45
		CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			

MODEL: $MODELNAME$
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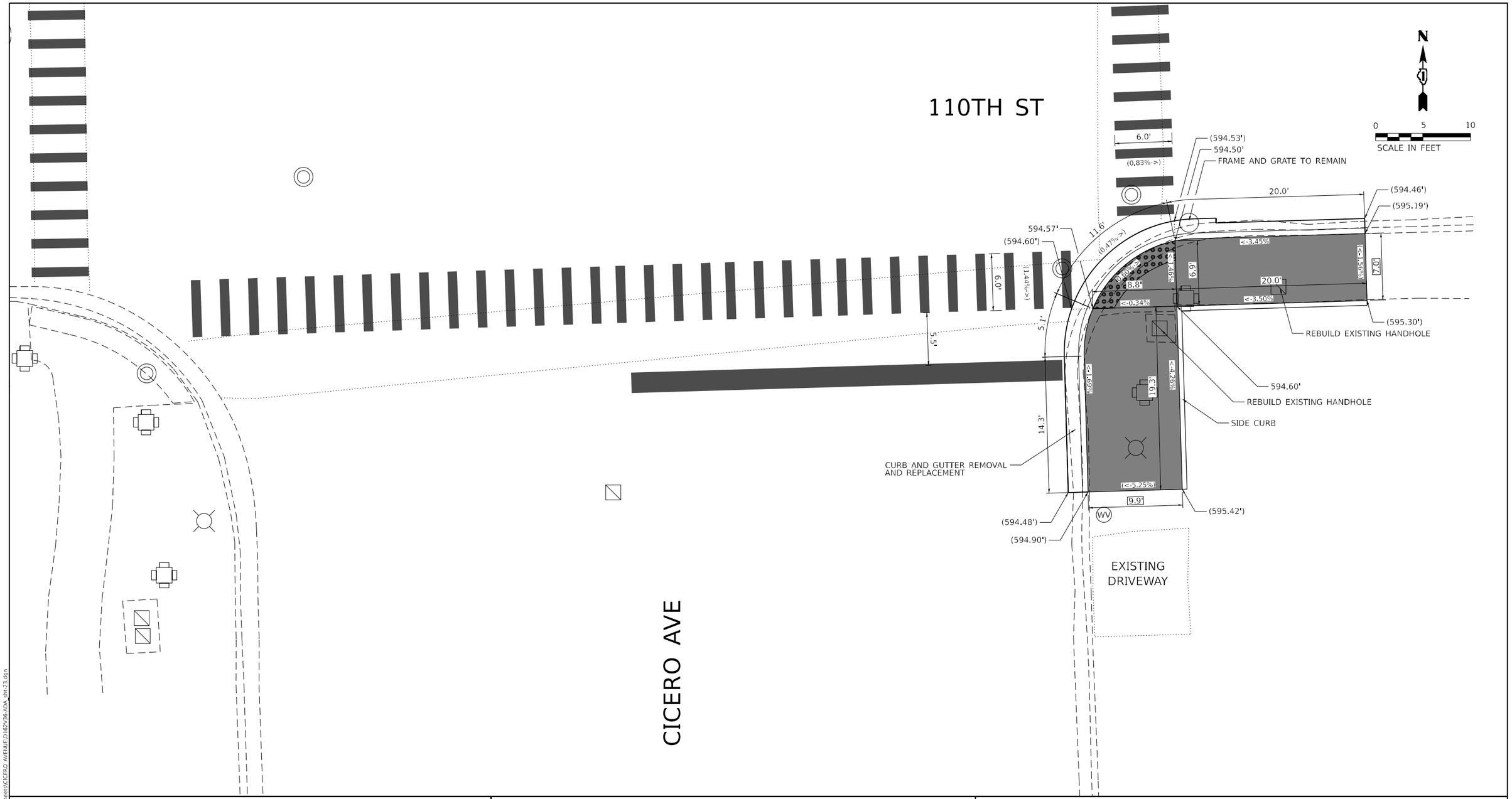

REFERENCE BENCHMARK: ELEV. 595.152

BENCHMARK: CONTROL POINT CROSS ON WALK

LOCATION: 7.3 FEET SOUTH OF SOUTHEAST CORNER OF IL 50 (CICERO AVENUE) AND 110TH STREET

LEGEND

- PROPOSED DETECTABLE WARNINGS
- DEPRESSED CURB AND GUTTER
- PAVEMENT PATCHING
- REMOVE AND REINSTALL BRICK PAVER
- SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
- PROPOSED PCC SIDEWALK
- PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
- ( ) EXISTING ELEVATION/SLOPE
- XX.X' EXISTING LENGTH
- XX.X' PROPOSED LENGTH

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PLOT DATE = 3/13/2025	DATE - 3/13/2025	REVISED -	

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ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 110TH ST

SCALE: 1" = 10' | SHEET 23 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	46
		CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			

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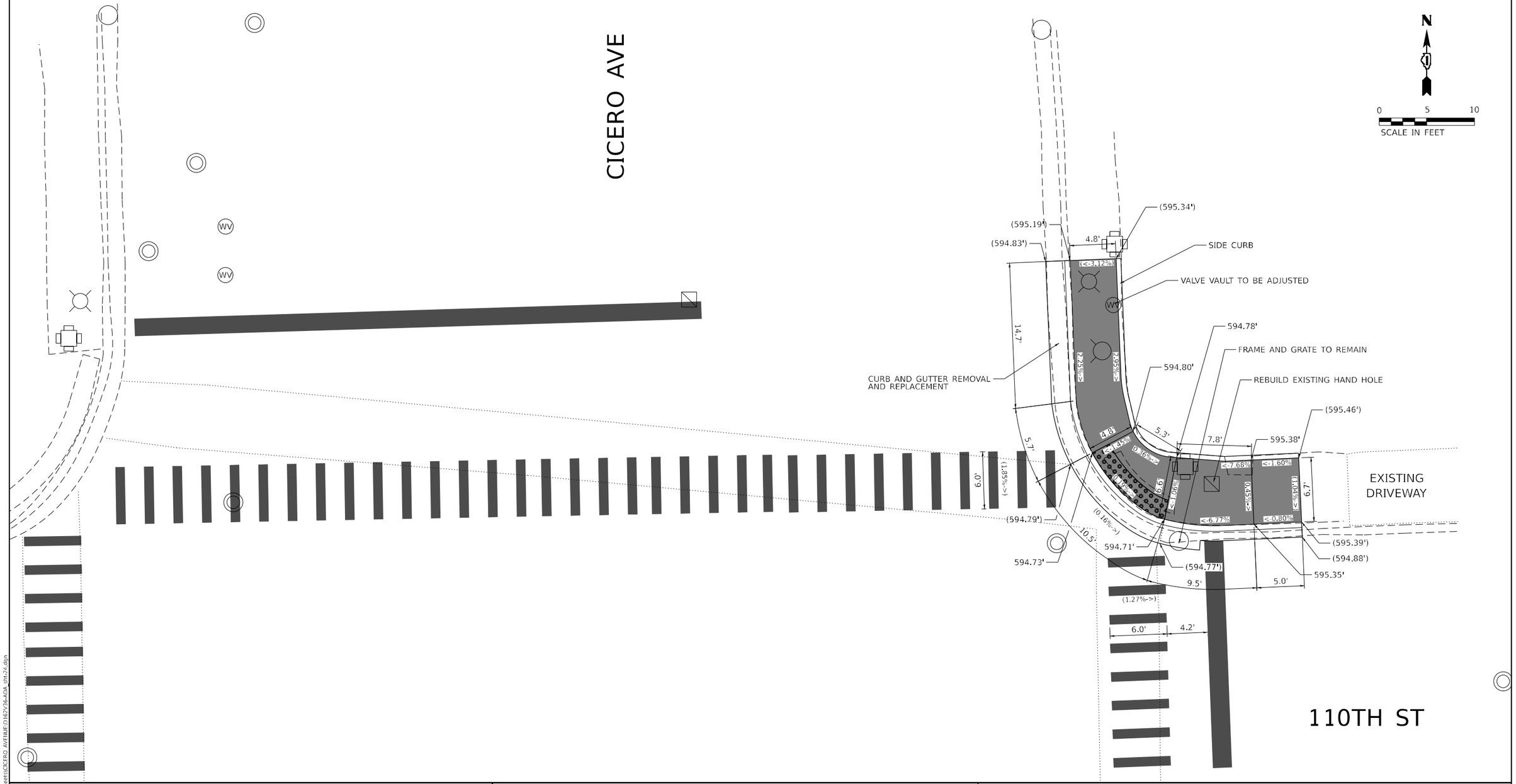

LOCATION: NE CORNER OF CICERO AVE AT 110TH ST

LEGEND

PROPOSED DETECTABLE WARNINGS	PROPOSED PCC SIDEWALK
DEPRESSED CURB AND GUTTER	PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
PAVEMENT PATCHING	( ) EXISTING ELEVATION/SLOPE
REMOVE AND REINSTALL BRICK PAVER	XX.X' EXISTING LENGTH
SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD	XX.X' PROPOSED LENGTH

MODEL: \$MODELNAME\$
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PLOT DATE = 3/13/2025	DATE - 3/13/2025	REVISED -	

STATE OF ILLINOIS
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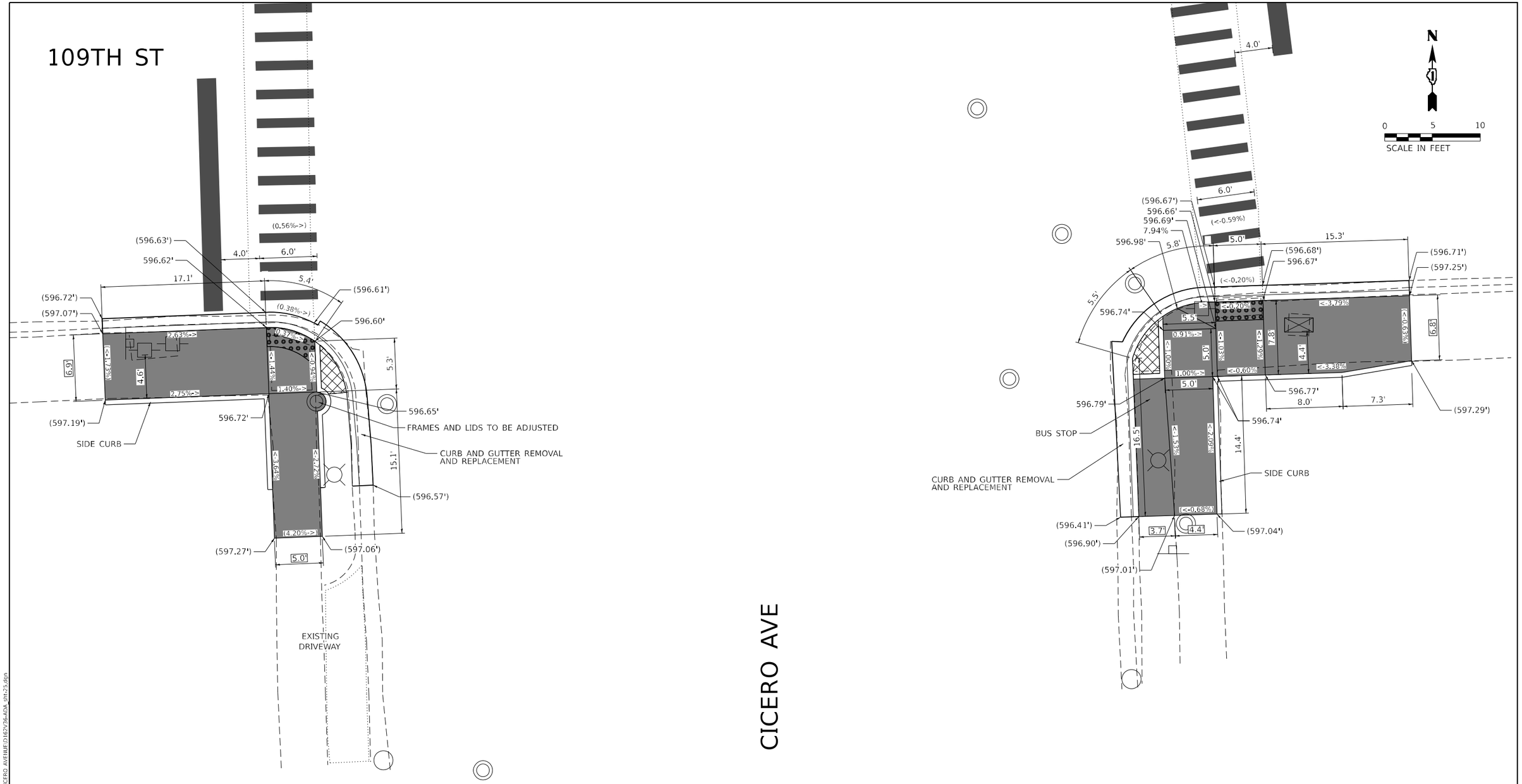
ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 110TH ST

SCALE: 1" = 10' | SHEET 24 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	47
		CONTRACT NO. 62V36		
	ILLINOIS	FED. AID PROJECT		



REFERENCE BENCHMARK: ELEV. 597.08

BENCHMARK: CONTROL POINT CROSS ON WALK

LOCATION: 6.8 FEET NORTH OF NW CORNER OF IL 50 (CICERO AVENUE) AND 109TH STREET

LEGEND

PROPOSED DETECTABLE WARNINGS	PROPOSED PCC SIDEWALK
DEPRESSED CURB AND GUTTER	PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
PAVEMENT PATCHING	( ) EXISTING ELEVATION/SLOPE
REMOVE AND REINSTALL BRICK PAVER	XX.X' EXISTING LENGTH
SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD	XX.X' PROPOSED LENGTH

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ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 109TH ST

SCALE: 1" = 10' | SHEET 25 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	48
		CONTRACT NO. 62V36		
	ILLINOIS	FED. AID PROJECT		

MODEL: SMODELNAME5
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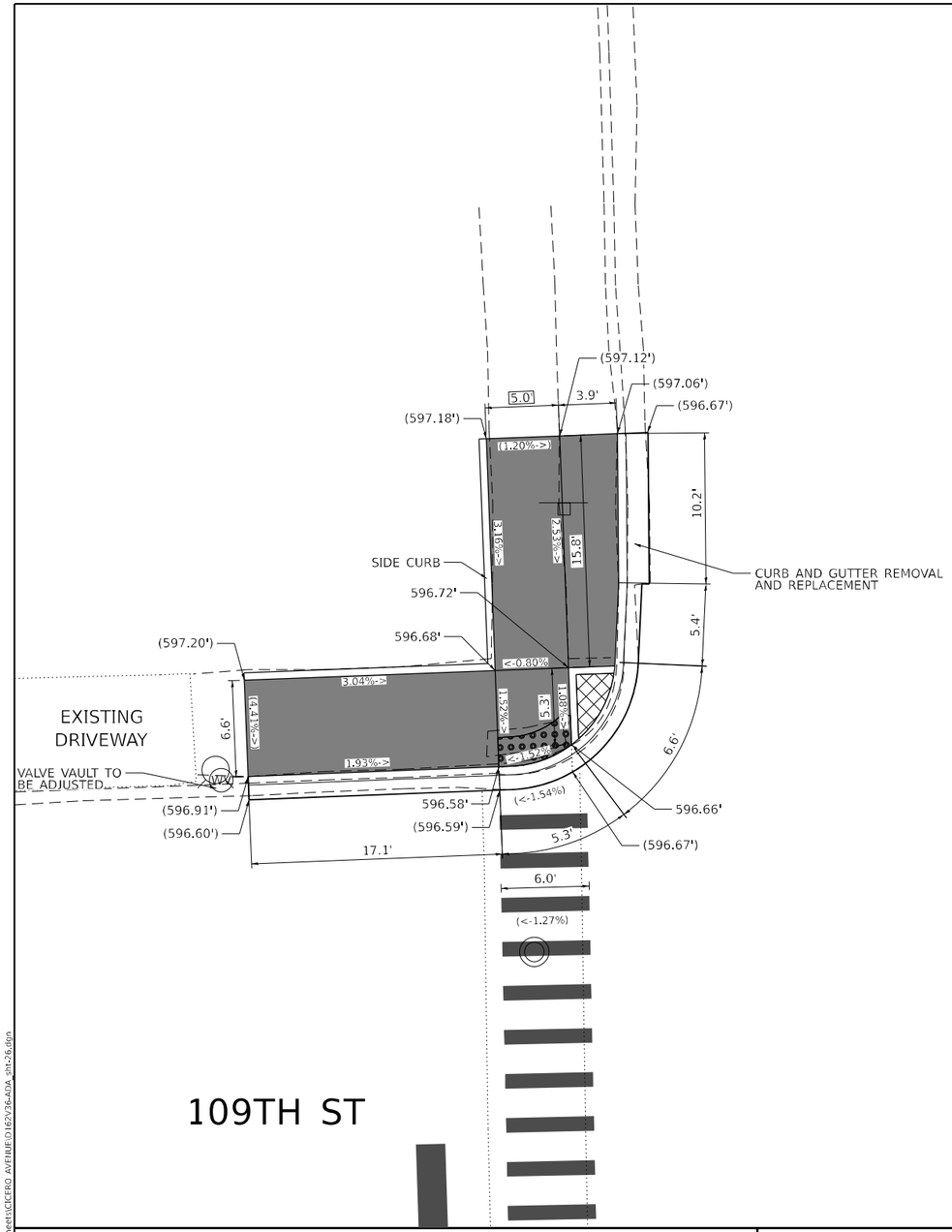
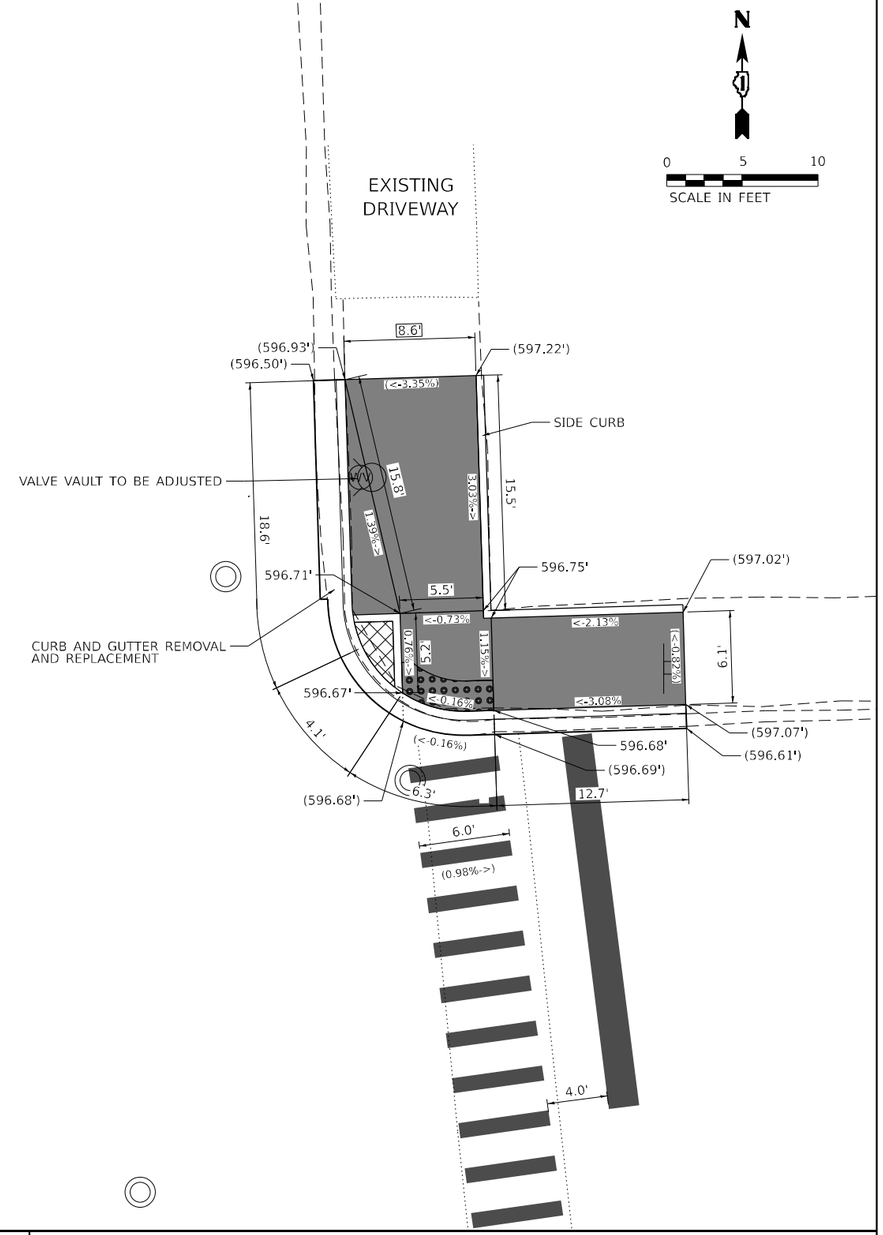
CICERO AVE





REFERENCE BENCHMARK: ELEV. 597.08

BENCHMARK: CONTROL POINT CROSS ON WALK

LOCATION: 6.8 FEET NORTH OF NW CORNER OF IL 50 (CICERO AVENUE) AND 109TH STREET

LEGEND

- PROPOSED DETECTABLE WARNINGS
- DEPRESSED CURB AND GUTTER
- PAVEMENT PATCHING
- REMOVE AND REINSTALL BRICK PAVER
- SIDEWALK REMOVAL
  REPLACE WITH TOPSOIL & SOD
- PROPOSED PCC SIDEWALK
- PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
- ( ) EXISTING ELEVATION/SLOPE
- XX.X' EXISTING LENGTH
- XX.X' PROPOSED LENGTH

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	DRAWN - AJD	REVISED -	
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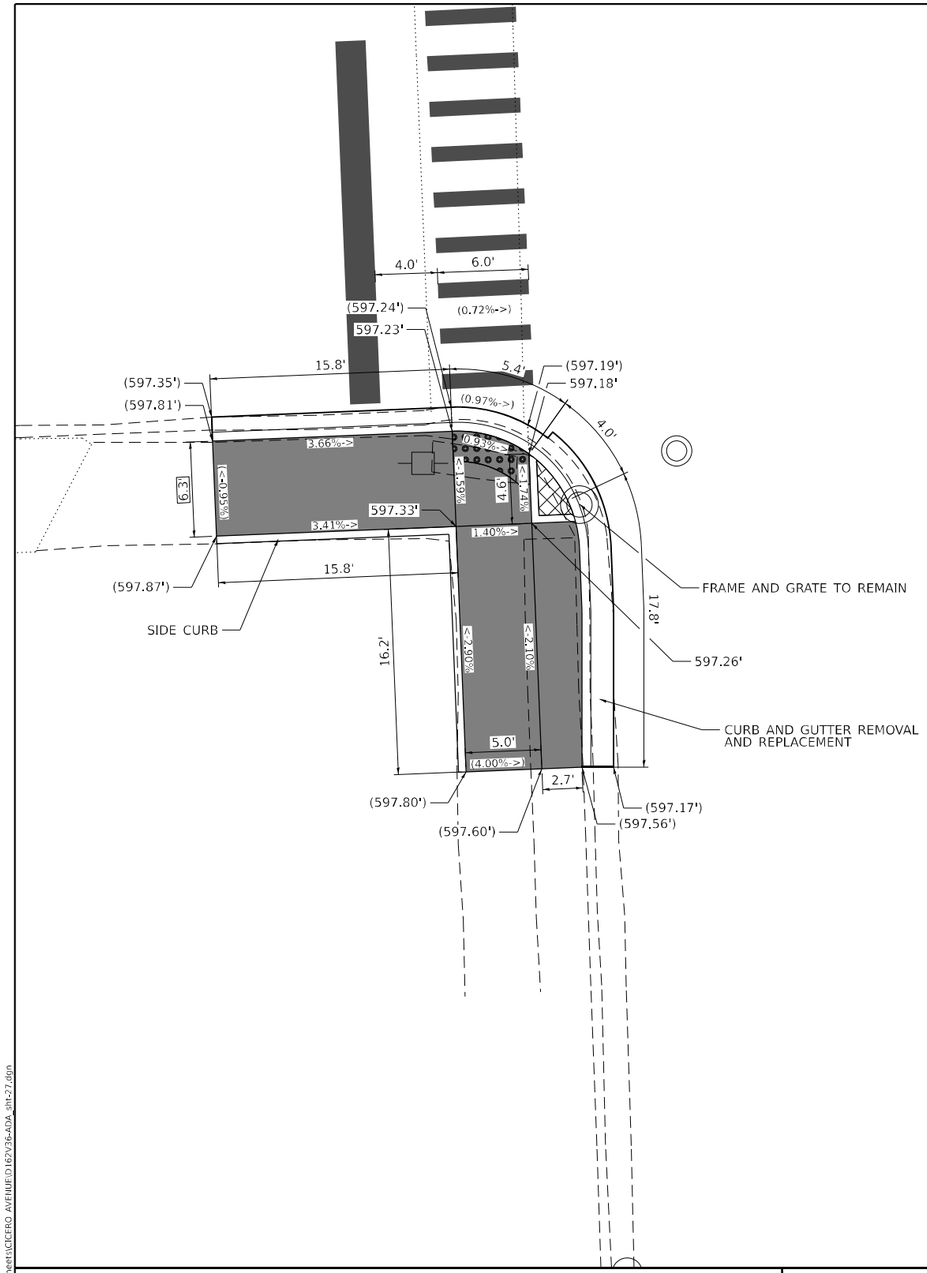
ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 109TH ST

SCALE: 1" = 10' | SHEET 26 OF 72 SHEETS | STA. | TO STA.

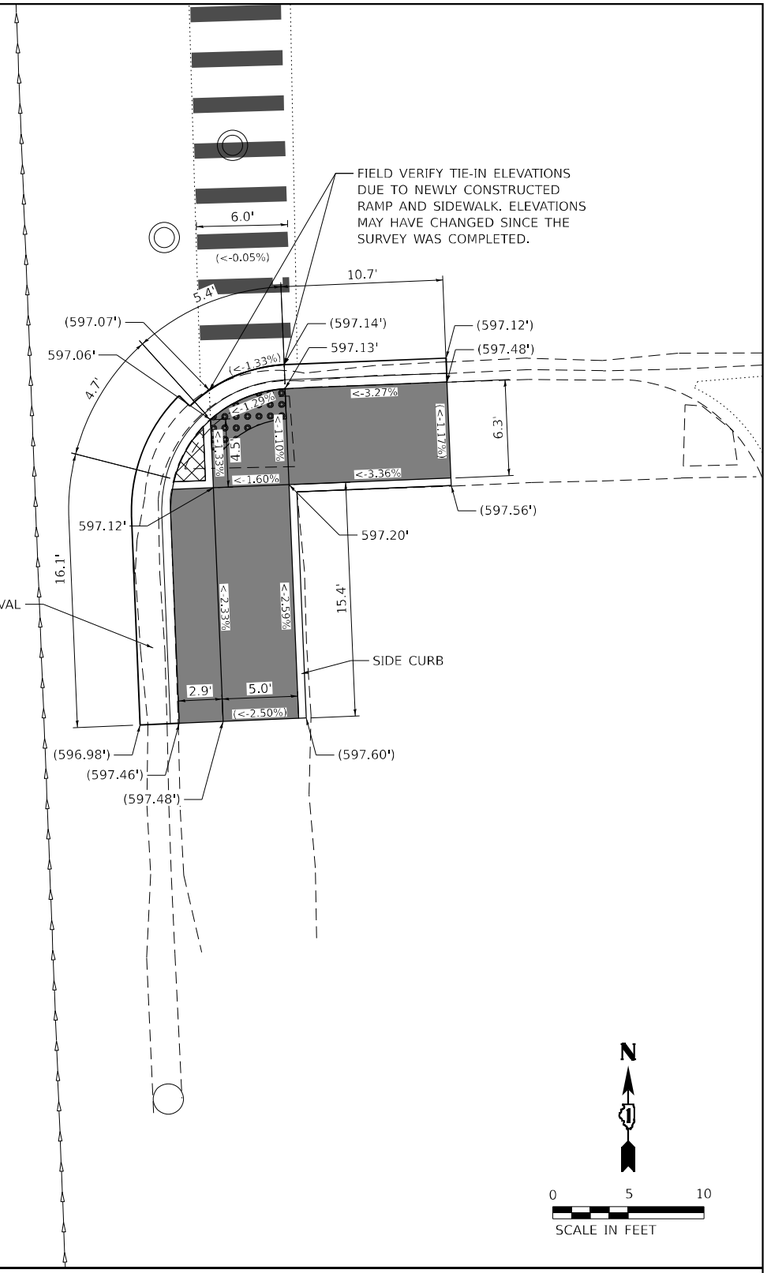
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	49
		CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			

MODEL: $MODELNAME$
FILE NAME: Z:\Shared Projects\IDOT\EEC-002-000\03_Design\02_CADD Sheets\CICERO_AVENUE-D1162V36-ADA_sht-26.dgn

108TH ST



CICERO AVE



LOCATION: SW & SE CORNERS OF CICERO AVE AT 108TH ST

LEGEND

	PROPOSED DETECTABLE WARNINGS		PROPOSED PCC SIDEWALK
	DEPRESSED CURB AND GUTTER		PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
	PAVEMENT PATCHING	( )	EXISTING ELEVATION/SLOPE
	REMOVE AND REINSTALL BRICK PAVER	XX.X'	EXISTING LENGTH
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD	XX.X'	PROPOSED LENGTH

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USER NAME = AlexDefrancesco	DESIGNED - AJD	REVISED -	
	DRAWN - AJD	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - MM	REVISED -	
PLOT DATE = 3/13/2025	DATE - 3/13/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 108TH ST

SCALE: 1" = 10' | SHEET 27 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	50
		CONTRACT NO. 62V36		
	ILLINOIS	FED. AID PROJECT		

MODEL: $MODELNAME$
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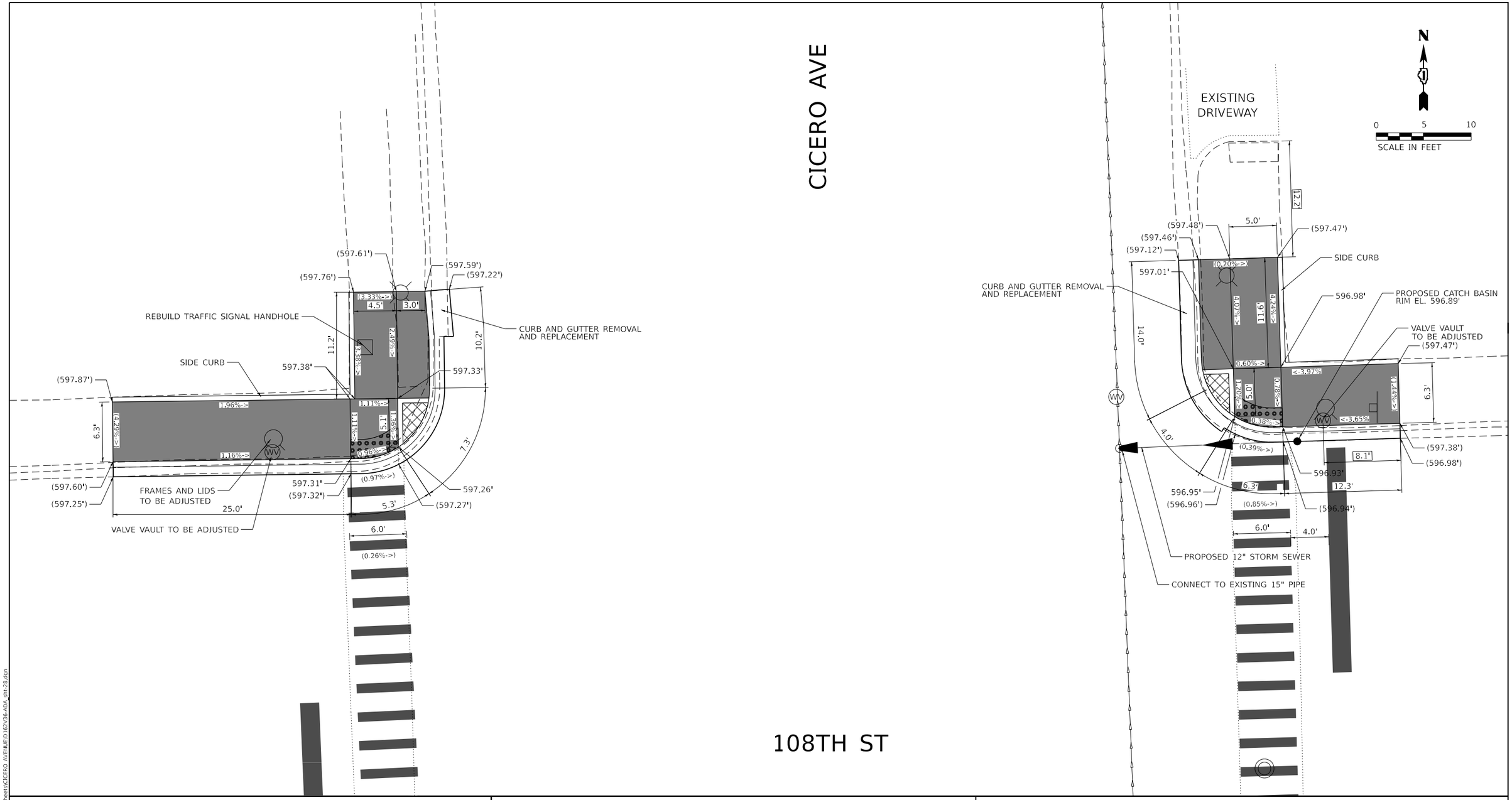

REFERENCE BENCHMARK: ELEV. 597.582

BENCHMARK: CONTROL POINT CROSS ON WALK

LOCATION: CONTROL POINT CROSS ON WALK OF IL 50 (CICERO AVENUE) AND 108TH STREET

LEGEND

- PROPOSED DETECTABLE WARNINGS
- DEPRESSED CURB AND GUTTER
- PAVEMENT PATCHING
- REMOVE AND REINSTALL BRICK PAVER
- SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
- PROPOSED PCC SIDEWALK
- PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
- ( ) EXISTING ELEVATION/SLOPE
- XX.X' EXISTING LENGTH
- XX.X' PROPOSED LENGTH

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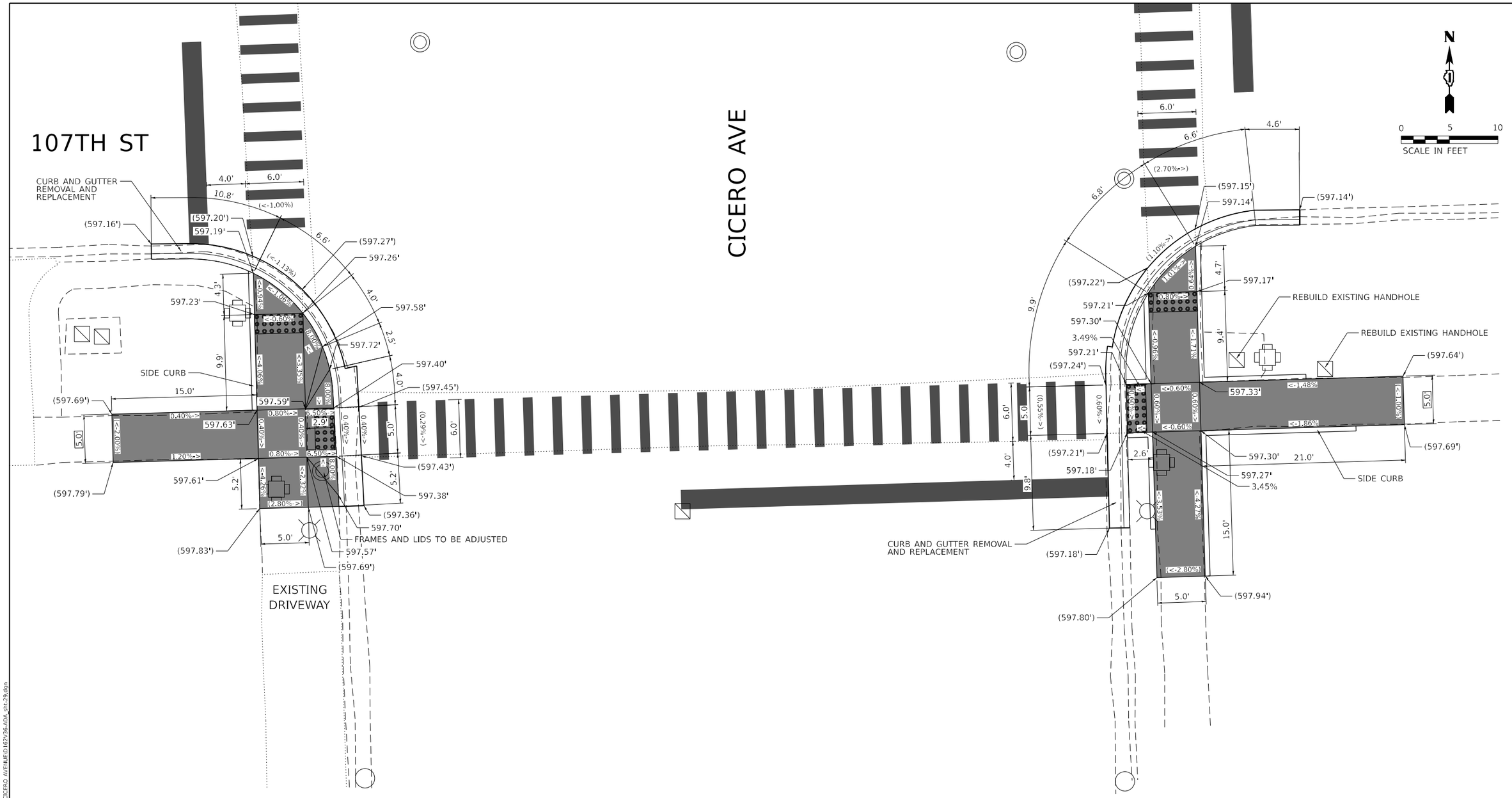
	DRAWN - AJD	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - MM	REVISED -	
PLOT DATE = 3/13/2025	DATE - 3/13/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 108TH ST

SCALE: 1" = 10' | SHEET 28 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	51
		CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			



REFERENCE BENCHMARK: ELEV. 597.762

BENCHMARK: CONTROL POINT CROSS ON WALK

LOCATION: 3.7 FEET WEST OF NW CORNER OF IL 50 (CICERO AVENUE) AND 107TH STREET

LEGEND

- PROPOSED DETECTABLE WARNINGS
- DEPRESSED CURB AND GUTTER
- PAVEMENT PATCHING
- REMOVE AND REINSTALL BRICK PAVER
- SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
- PROPOSED PCC SIDEWALK
- PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
- ( ) EXISTING ELEVATION/SLOPE
- XX.X' EXISTING LENGTH
- XX.X' PROPOSED LENGTH

MODEL: $MODELNAME$
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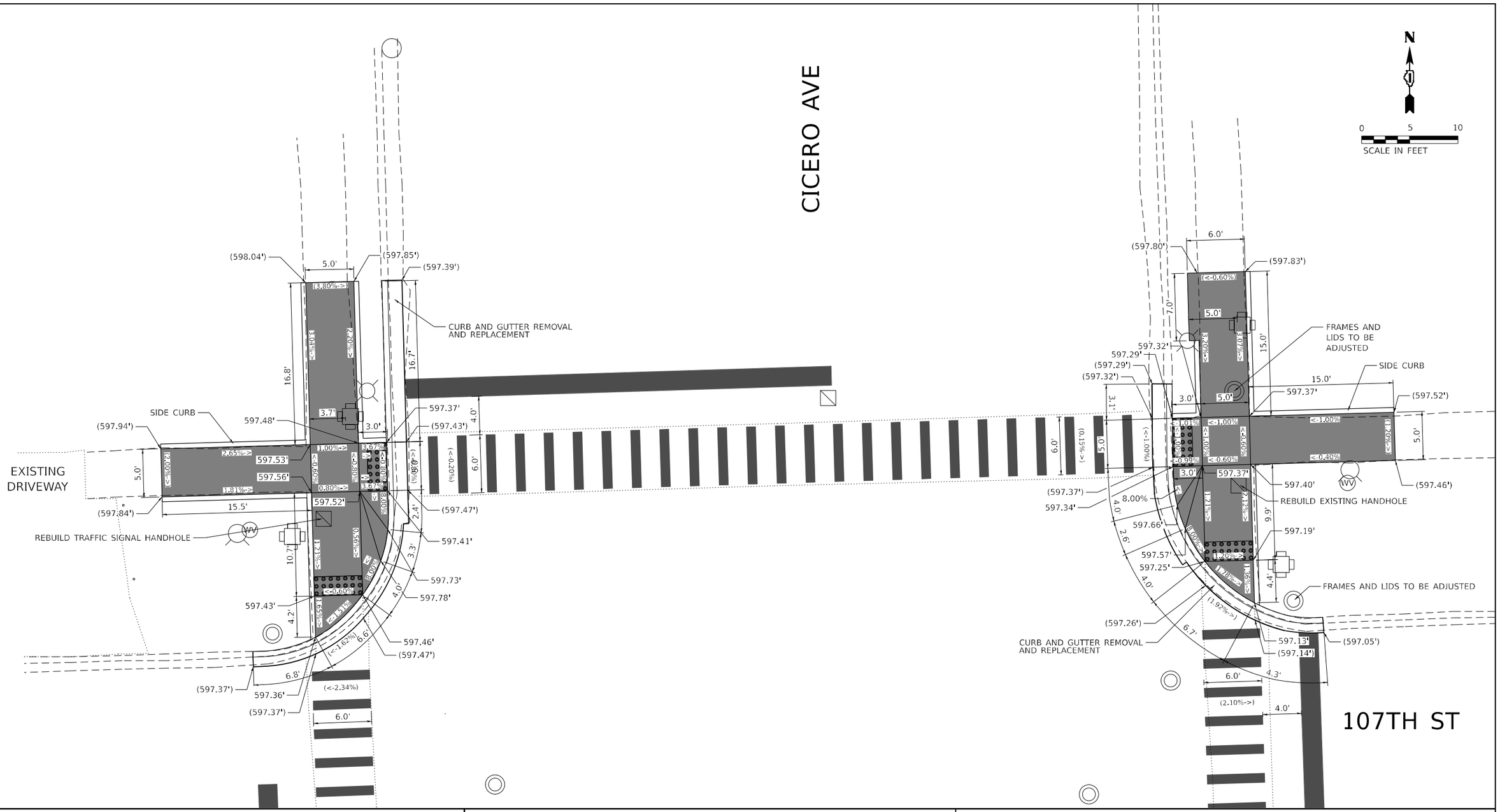
	DRAWN - AJD	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - MM	REVISED -	
PLOT DATE = 1/27/2025	DATE - 1/27/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 107TH ST

SCALE: 1" = 10' | SHEET 29 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	52
		CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			



REFERENCE BENCHMARK: ELEV. 597.762

BENCHMARK: CONTROL POINT CROSS ON WALK

LOCATION: 3.7 FEET WEST OF NW CORNER OF IL 50 (CICERO AVENUE) AND 107TH STREET

LEGEND

PROPOSED DETECTABLE WARNINGS	PROPOSED PCC SIDEWALK
DEPRESSED CURB AND GUTTER	PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
PAVEMENT PATCHING	( ) EXISTING ELEVATION/SLOPE
REMOVE AND REINSTALL BRICK PAVER	XX.X' EXISTING LENGTH
SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD	XX.X' PROPOSED LENGTH

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	DRAWN - AJD	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - MM	REVISED -
PLOT DATE = 3/13/2025	DATE - 3/13/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 107TH ST

SCALE: 1" = 10' | SHEET 30 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	53
		CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			

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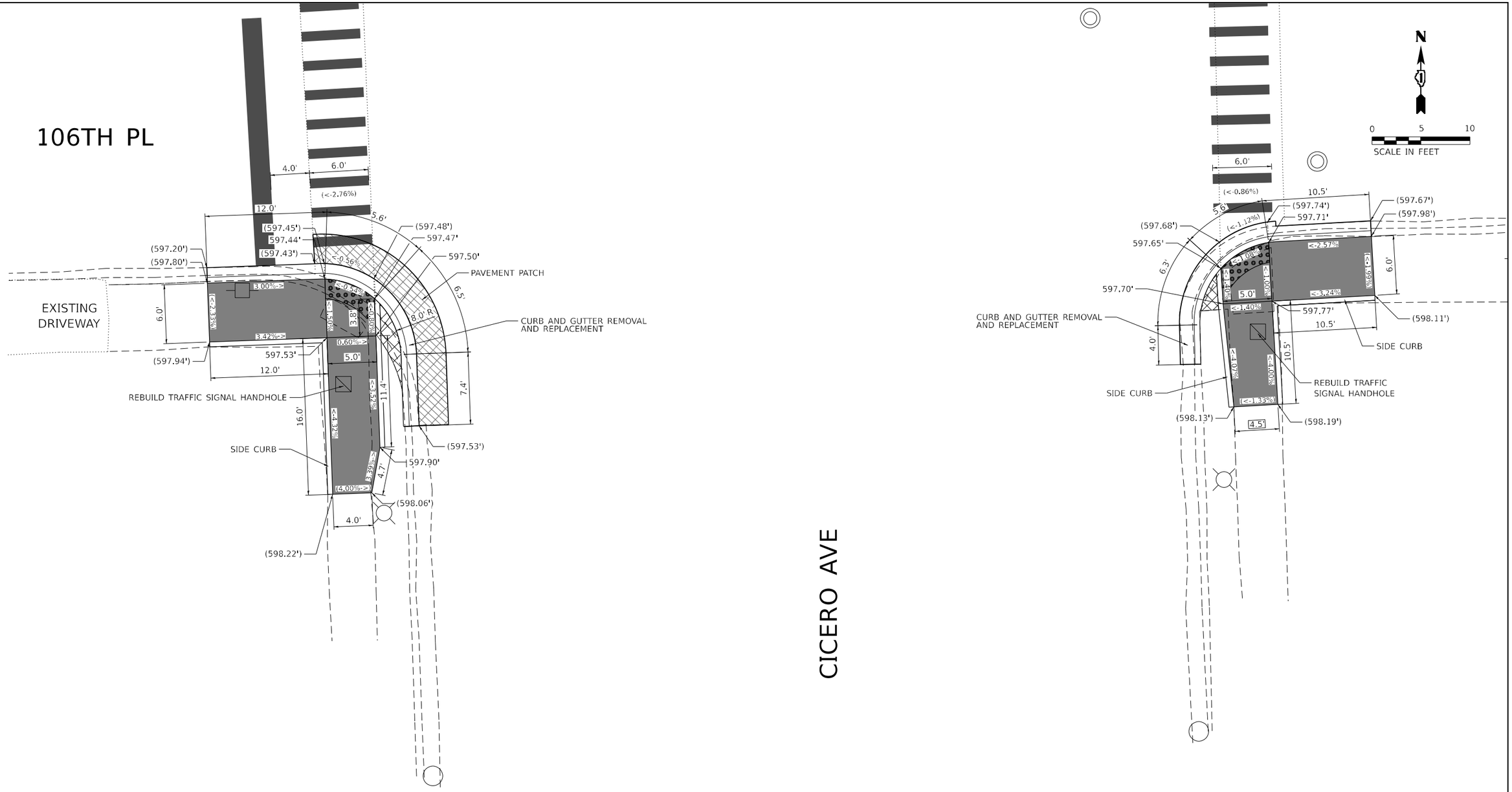

LOCATION: SW & SE CORNERS OF CICERO AVE AT 106TH PL

LEGEND

PROPOSED DETECTABLE WARNINGS	PROPOSED PCC SIDEWALK
DEPRESSED CURB AND GUTTER	PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
PAVEMENT PATCHING	( ) EXISTING ELEVATION/SLOPE
REMOVE AND REINSTALL BRICK PAVER	XX.X' EXISTING LENGTH
SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD	XX.X' PROPOSED LENGTH

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	DRAWN - AJD	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - MM	REVISED -
PLOT DATE = 1/27/2025	DATE - 1/27/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 106TH PL

SCALE: 1" = 10' | SHEET 31 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	54
		CONTRACT NO. 62V36		
	ILLINOIS	FED. AID PROJECT		

MODEL: $MODELNAME$
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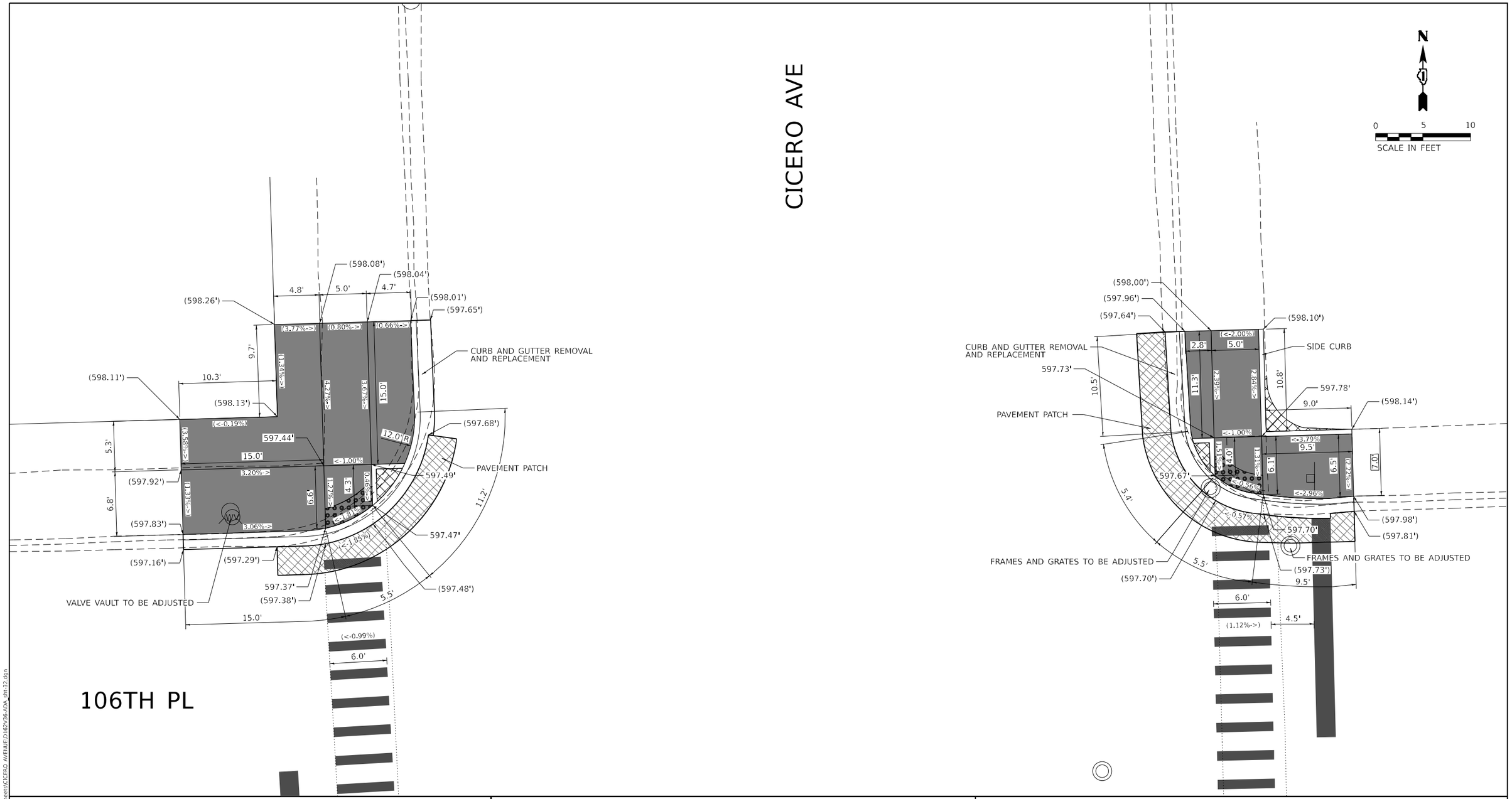

REFERENCE BENCHMARK: ELEV. 598.012

BENCHMARK: CONTROL POINT CROSS ON WALK

LOCATION: 7.2' W OF CORNER AT NW CORNER OF IL 50 (CICERO AVENUE) AND 106TH PLACE

LEGEND

- PROPOSED DETECTABLE WARNINGS
- DEPRESSED CURB AND GUTTER
- PAVEMENT PATCHING
- REMOVE AND REINSTALL BRICK PAVER
- SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
- PROPOSED PCC SIDEWALK
- PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
- ( ) EXISTING ELEVATION/SLOPE
- XX.X' EXISTING LENGTH
- XX.X' PROPOSED LENGTH

MODEL: $MODELNAME$
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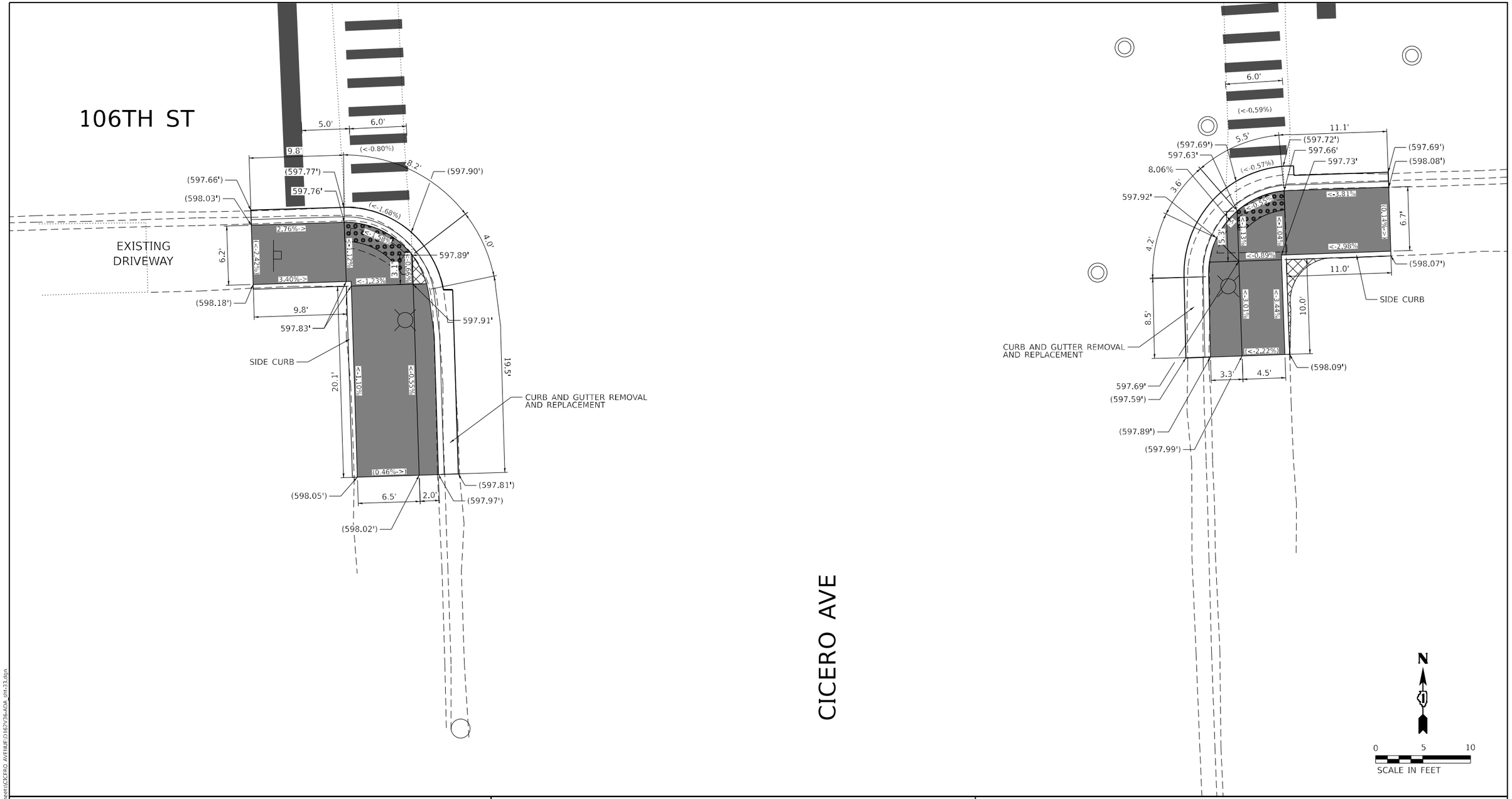
PLOT DATE = 3/13/2025	DATE - 3/13/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 106TH PL

SCALE: 1" = 10' | SHEET 32 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	55
		CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			



REFERENCE BENCHMARK: ELEV. 598.122

BENCHMARK: CONTROL POINT CROSS ON WALK

LOCATION: 8.3 FEET SOUTH OF SW CORNER OF IL 50 (CICERO AVENUE) AND 106TH STREET

LEGEND

PROPOSED DETECTABLE WARNINGS	PROPOSED PCC SIDEWALK
DEPRESSED CURB AND GUTTER	PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
PAVEMENT PATCHING	( ) EXISTING ELEVATION/SLOPE
REMOVE AND REINSTALL BRICK PAVER	XX.X' EXISTING LENGTH
SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD	XX.X' PROPOSED LENGTH

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	DRAWN - AJD	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - MM	REVISED -	
PLOT DATE = 1/27/2025	DATE - 1/27/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 106TH ST

SCALE: 1" = 10' | SHEET 33 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	56
		CONTRACT NO. 62V36		
	ILLINOIS	FED. AID PROJECT		

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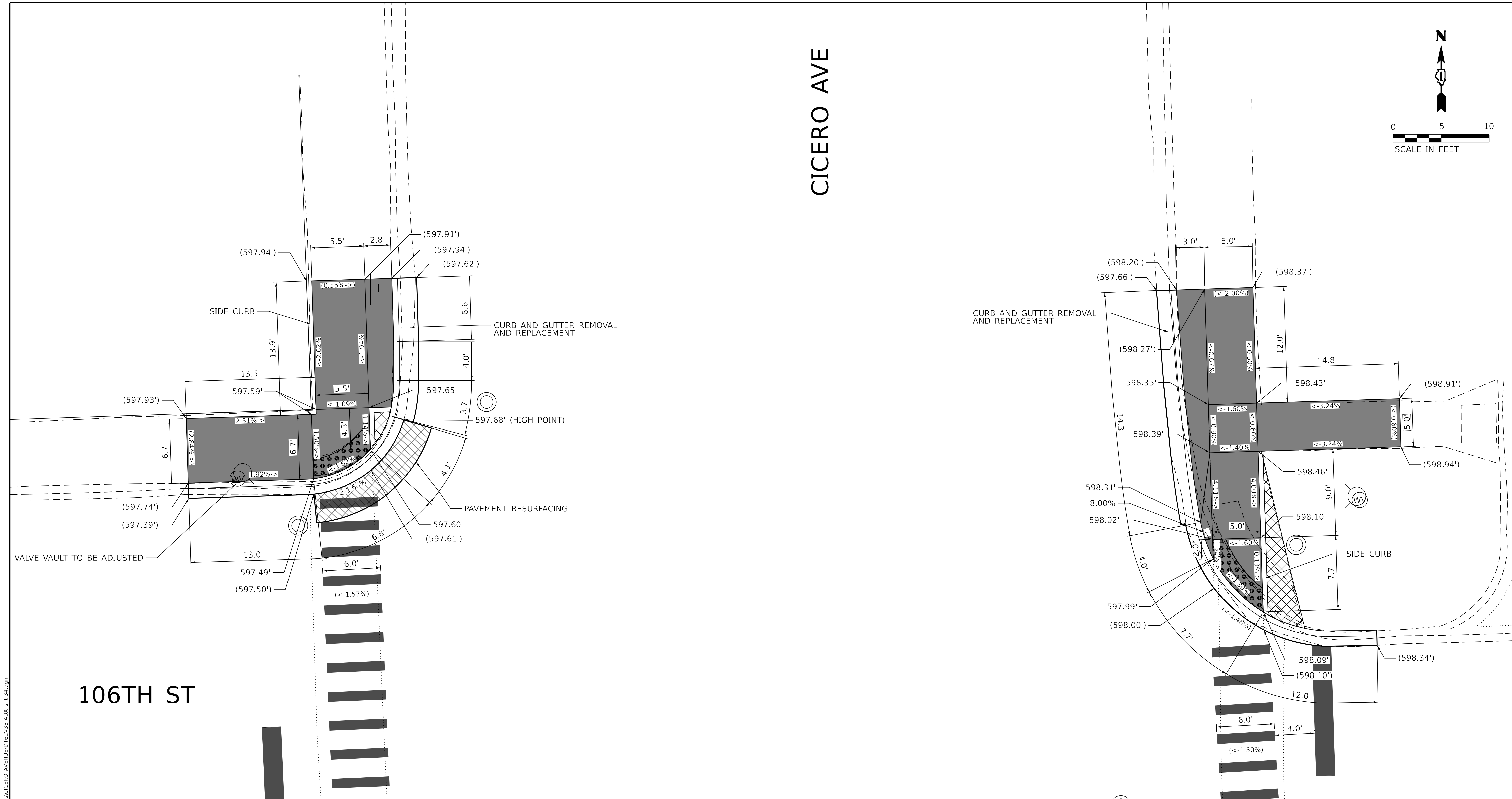

REFERENCE BENCHMARK: ELEV. 598.322

BENCHMARK: CONTROL POINT CUT CROSS ON WALK

LOCATION: 5.3 FEET EAST OF NE CORNER OF IL 50 (CICERO AVENUE) AND 106TH STREET

LEGEND

- PROPOSED DETECTABLE WARNINGS
- DEPRESSED CURB AND GUTTER
- PAVEMENT PATCHING
- REMOVE AND REINSTALL BRICK PAVER
- SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
- PROPOSED PCC SIDEWALK
- PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
- ( ) EXISTING ELEVATION/SLOPE
- XX.X' (boxed) EXISTING LENGTH
- XX.X' PROPOSED LENGTH

MODEL: $MODELNAME$
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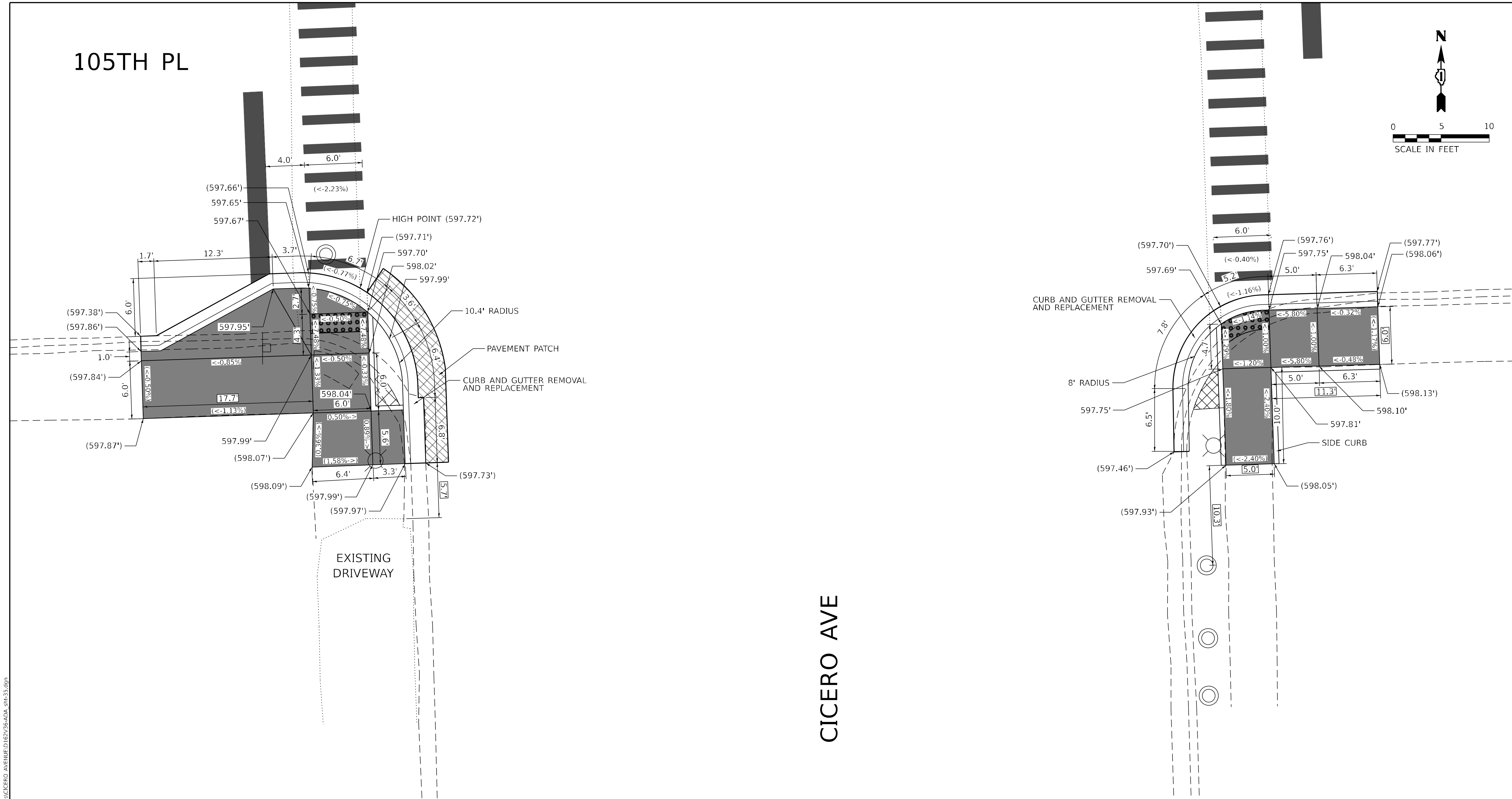
	DRAWN - AJD	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - MM	REVISED -	
PLOT DATE = 1/27/2025	DATE - 1/27/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 106TH ST

SCALE: 1" = 10' | SHEET 34 OF 72 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	57
		CONTRACT NO. 62V36		
		ILLINOIS FED. AID PROJECT		



LEGEND

	PROPOSED DETECTABLE WARNINGS		PROPOSED PCC SIDEWALK
	DEPRESSED CURB AND GUTTER		PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
	PAVEMENT PATCHING	( )	EXISTING ELEVATION/SLOPE
	REMOVE AND REINSTALL BRICK PAVER	XX.X' (boxed)	EXISTING LENGTH
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD	XX.X'	PROPOSED LENGTH

REFERENCE BENCHMARK: ELEV. 597.942

BENCHMARK: CONTROL POINT CROSS ON WALK

LOCATION: 7.0' S OF CORNER AT SE CORNER OF IL 50 (CICERO AVENUE) AND 105TH PLACE

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PLOT DATE = 1/27/2025	DATE - 1/27/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 105TH PL

SCALE: 1" = 10' | SHEET 35 OF 72 SHEETS | STA. TO STA.

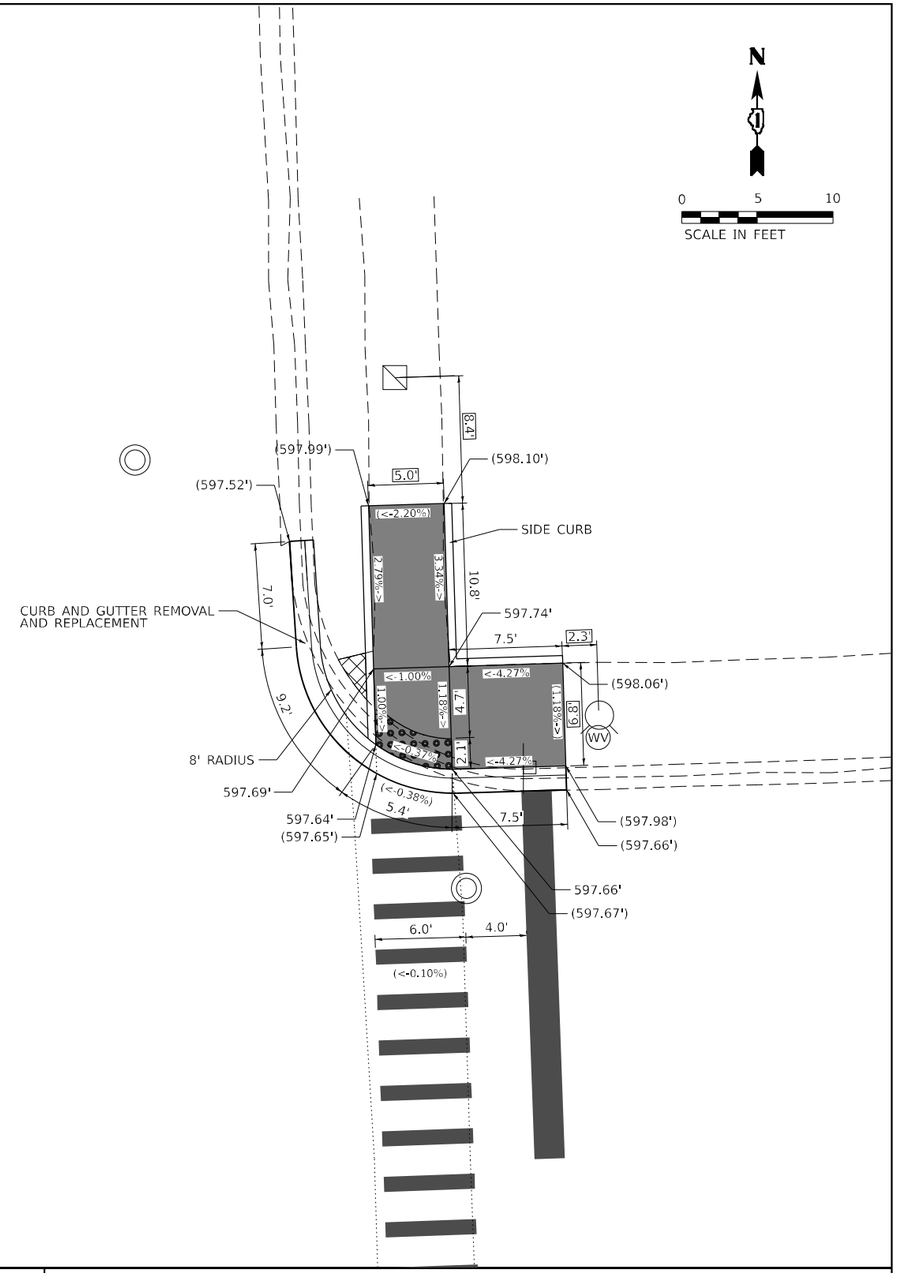
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	58
		CONTRACT NO. 62V36		
		ILLINOIS	FED. AID PROJECT	

CICERO AVE

105TH PL

WV

ADA COMPLIANT
BY OTHERS



LOCATION: NE CORNER OF CICERO AVE AT 105TH PL

LEGEND

- PROPOSED DETECTABLE WARNINGS
- DEPRESSED CURB AND GUTTER
- PAVEMENT PATCHING
- REMOVE AND REINSTALL BRICK PAVER
- SIDEWALK REMOVAL
  REPLACE WITH TOPSOIL & SOD
- PROPOSED PCC SIDEWALK
- PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
- ( ) EXISTING ELEVATION/SLOPE
- XX.X' EXISTING LENGTH
- XX.X' PROPOSED LENGTH

MODEL: \$MODELNAME\$
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	DRAWN - AJD	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - MM	REVISED -
PLOT DATE = 1/27/2025	DATE - 1/27/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

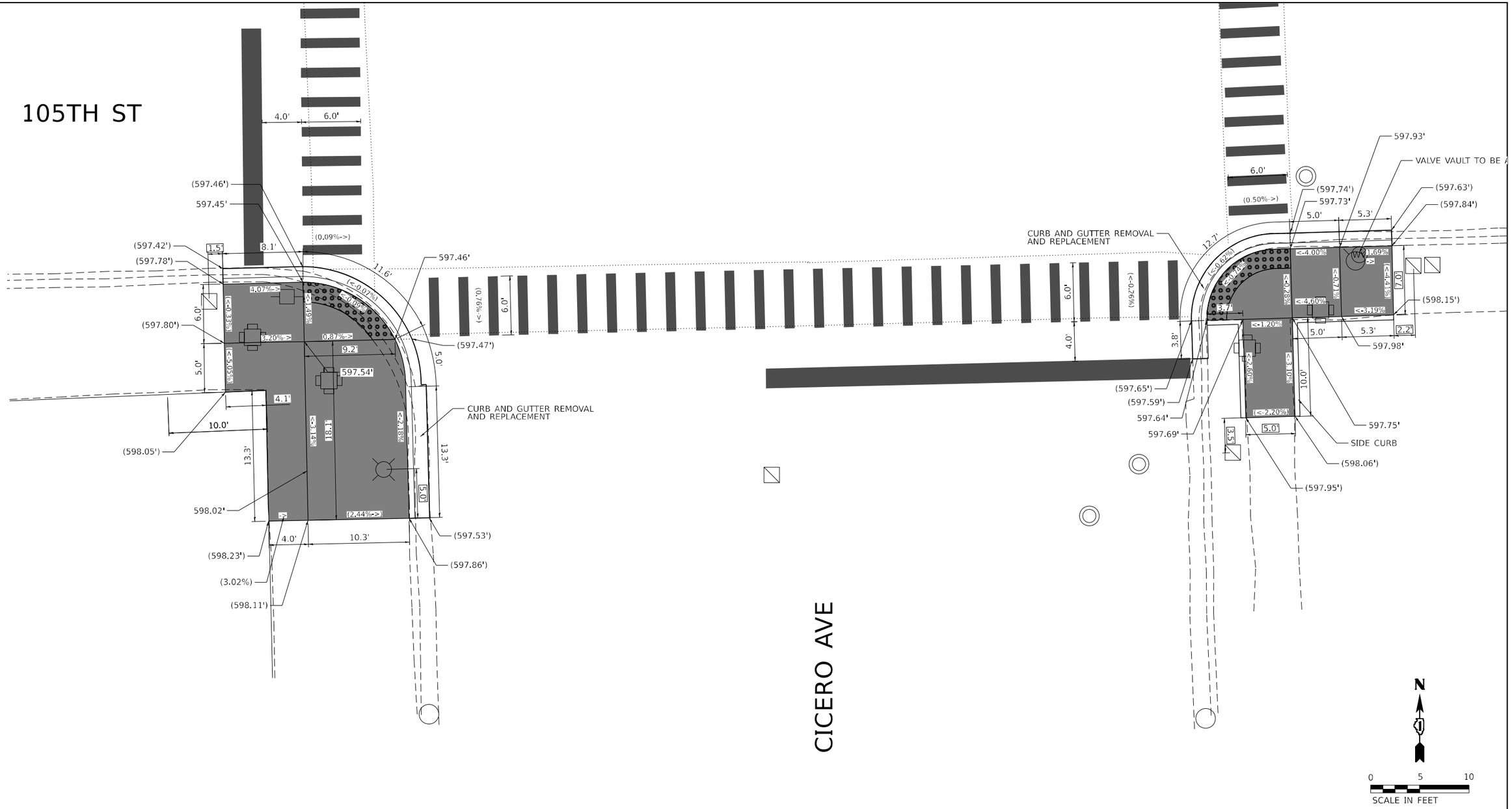
ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 105TH PL

SCALE: 1" = 10' | SHEET 36 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	59
		CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			

105TH ST

CICERO AVE



LOCATION: SW & SE CORNERS OF CICERO AVE AT 105TH ST

LEGEND

- PROPOSED DETECTABLE WARNINGS
- DEPRESSED CURB AND GUTTER
- PAVEMENT PATCHING
- REMOVE AND REINSTALL BRICK PAVER
- SIDEWALK REMOVAL
  REPLACE WITH TOPSOIL & SOD
- PROPOSED PCC SIDEWALK
- PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
- ( ) EXISTING ELEVATION/SLOPE
- XX.X' EXISTING LENGTH
- XX.X' PROPOSED LENGTH

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	DRAWN - AJD	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - MM	REVISED -
PLOT DATE = 1/27/2025	DATE - 1/27/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 105TH ST

SCALE: 1" = 10' | SHEET 37 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	60
		CONTRACT NO. 62V36		
	ILLINOIS	FED. AID PROJECT		

MODEL: \$MODELNAME\$
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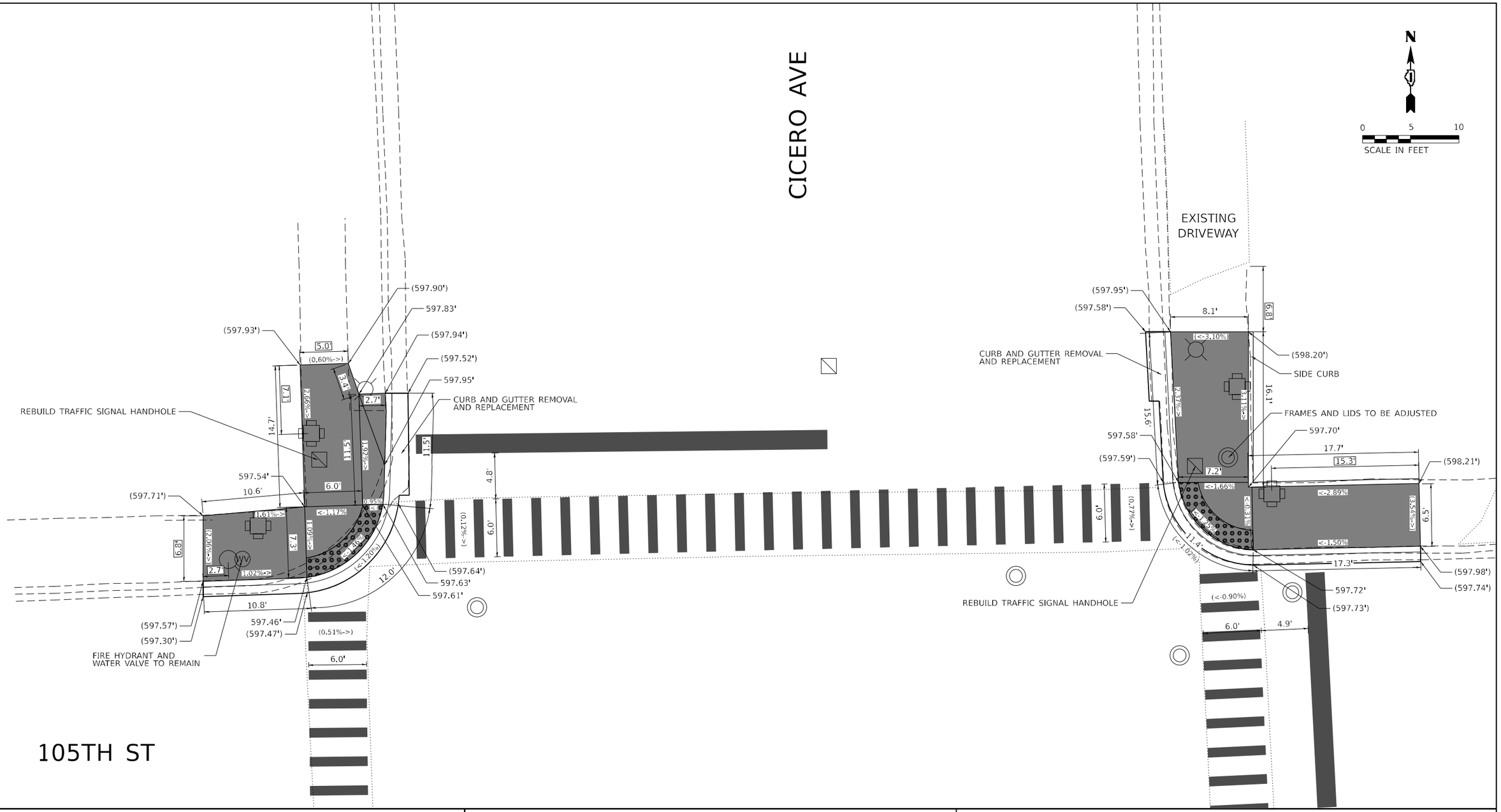

REFERENCE BENCHMARK: ELEV. 597.572

BENCHMARK: CONTROL POINT CROSS ON WALK

LOCATION: 4.7' N OF CORNER AT NW CORNER OF IL 50 (CICERO AVENUE) AND 105TH STREET

LEGEND

- PROPOSED DETECTABLE WARNINGS
- DEPRESSED CURB AND GUTTER
- PAVEMENT PATCHING
- REMOVE AND REINSTALL BRICK PAVER
- SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
- PROPOSED PCC SIDEWALK
- PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
- ( ) EXISTING ELEVATION/SLOPE
- XX.X' EXISTING LENGTH
- XX.X' PROPOSED LENGTH

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USER NAME = AlexDefrancesco	DESIGNED - AJD	REVISED -
	DRAWN - AJD	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - MM	REVISED -
PLOT DATE = 1/27/2025	DATE - 1/27/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 105TH ST

SCALE: 1" = 10' | SHEET 38 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	61
		CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			

MODEL: $MODELNAME$
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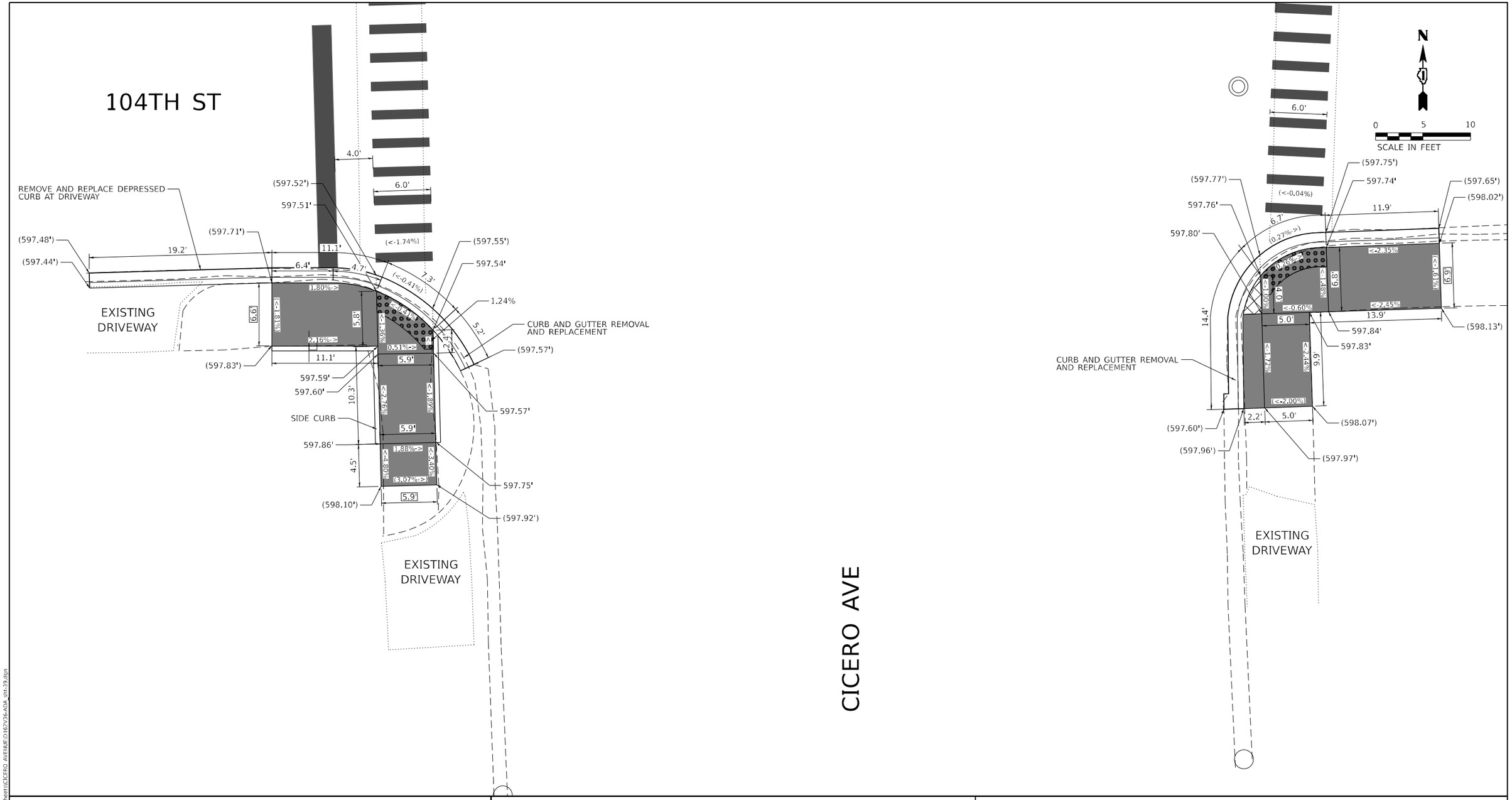

LOCATION: SW & SE CORNERS OF CICERO AVE AT 104TH ST

LEGEND

- PROPOSED DETECTABLE WARNINGS
- DEPRESSED CURB AND GUTTER
- PAVEMENT PATCHING
- REMOVE AND REINSTALL BRICK PAVER
- SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
- PROPOSED PCC SIDEWALK
- PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
- ( ) EXISTING ELEVATION/SLOPE
- XX.X' EXISTING LENGTH
- XX.X' PROPOSED LENGTH

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SUITE 201
WHEATON, IL 60187
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USER NAME = AlexDefrancesco	DESIGNED - AJD	REVISED -
	DRAWN - AJD	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - MM	REVISED -
PLOT DATE = 1/27/2025	DATE - 1/27/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 104TH ST

SCALE: 1" = 10' | SHEET 39 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	62
		CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			

MODEL: $MODELNAME$
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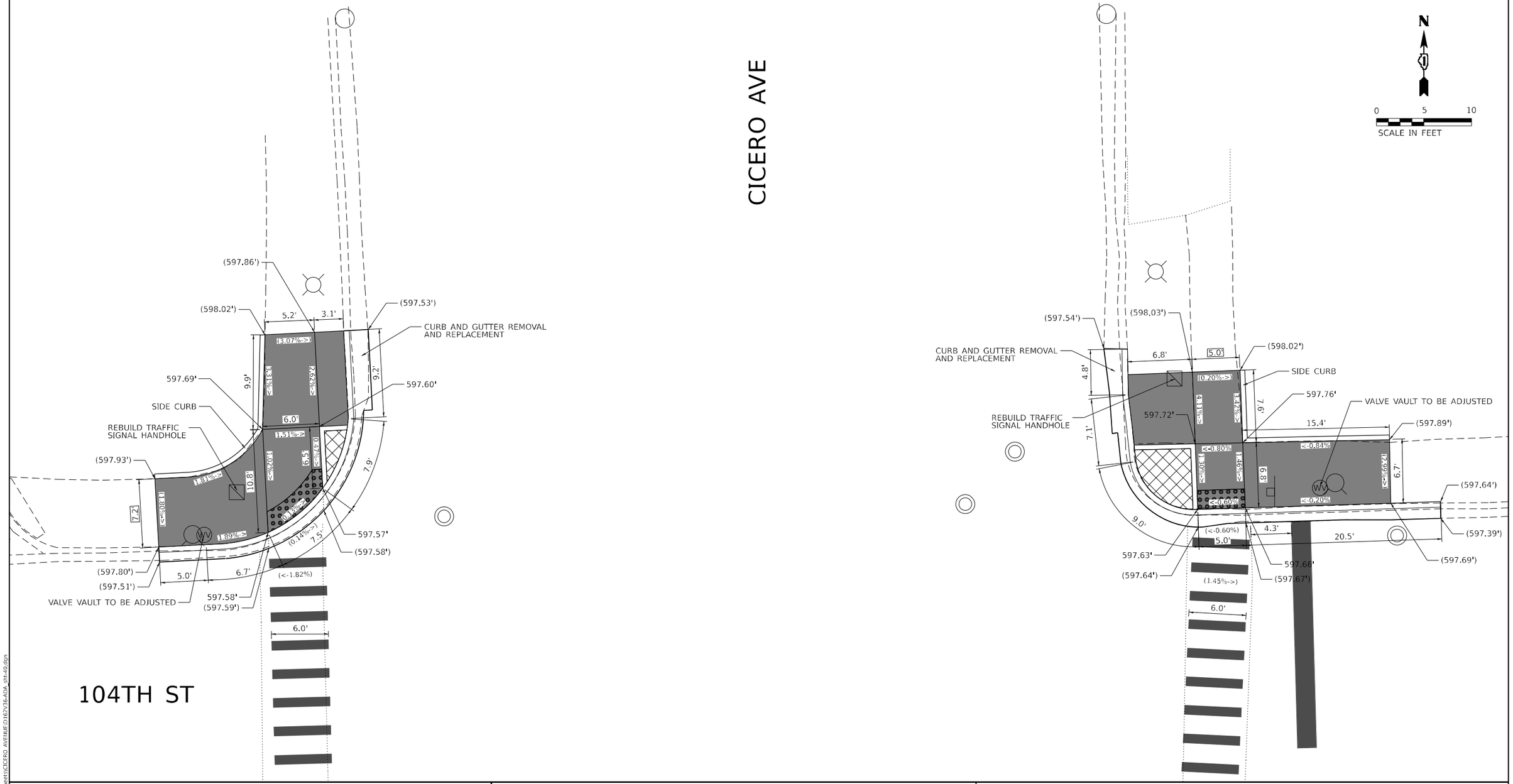

LOCATION: NW & NE CORNERS OF CICERO AVE AT 104TH ST

LEGEND

- PROPOSED DETECTABLE WARNINGS
- DEPRESSED CURB AND GUTTER
- PAVEMENT PATCHING
- REMOVE AND REINSTALL BRICK PAVER
- SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
- PROPOSED PCC SIDEWALK
- PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
- ( ) EXISTING ELEVATION/SLOPE
- XX.X' EXISTING LENGTH
- XX.X' PROPOSED LENGTH

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

USER NAME = AlexDefrancesco	DESIGNED - AJD	REVISED -
	DRAWN - AJD	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - MM	REVISED -
PLOT DATE = 1/27/2025	DATE - 1/27/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 104TH ST

SCALE: 1" = 10' | SHEET 40 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	63
		CONTRACT NO. 62V36		
	ILLINOIS	FED. AID PROJECT		

MODEL: sMODELNAME$
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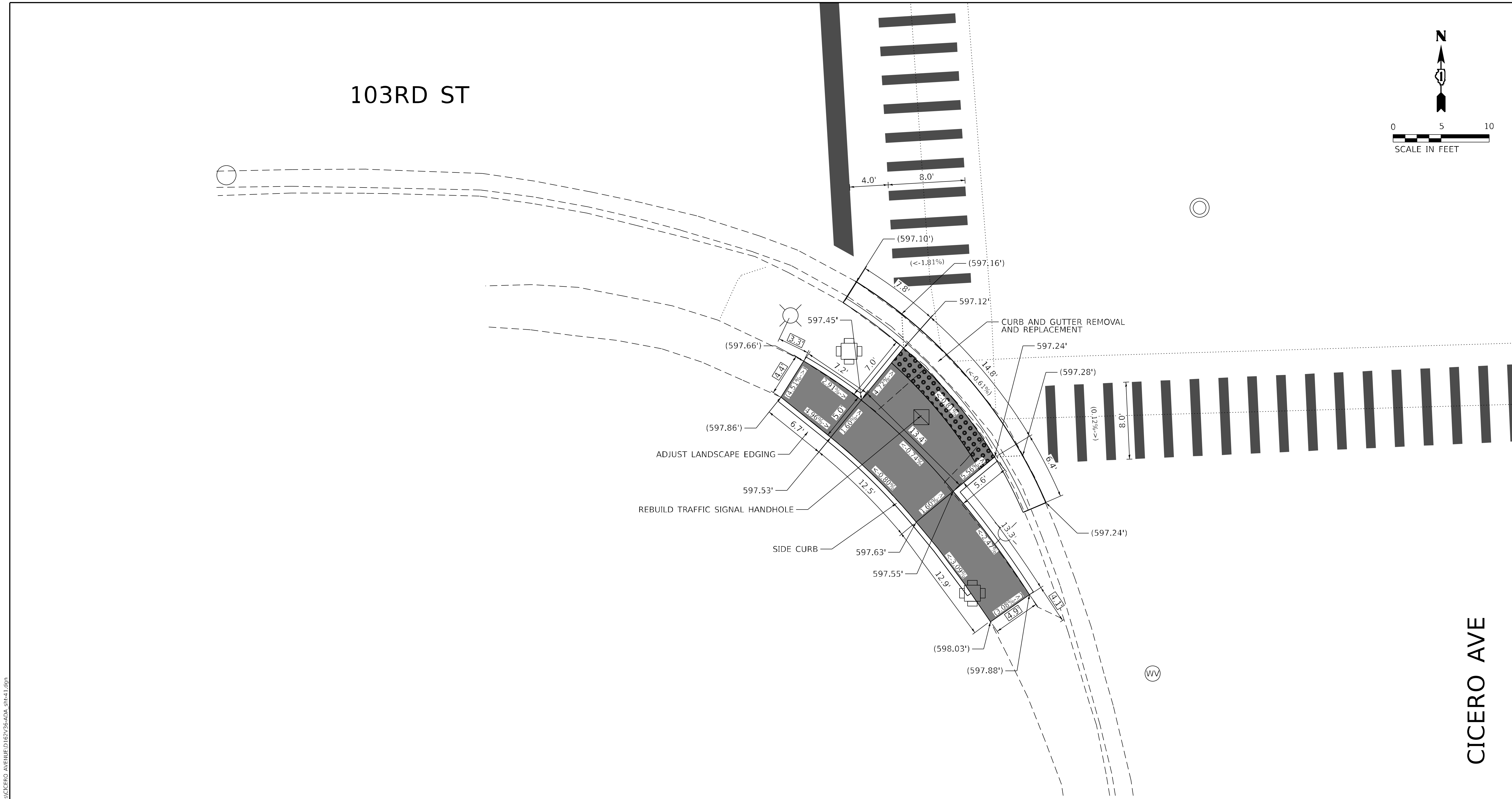


LEGEND

- PROPOSED DETECTABLE WARNINGS
- DEPRESSED CURB AND GUTTER
- PAVEMENT PATCHING
- REMOVE AND REINSTALL BRICK PAVER
- SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
- PROPOSED PCC SIDEWALK
- PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
- ( ) EXISTING ELEVATION/SLOPE
- XX.X' (boxed) EXISTING LENGTH
- XX.X' PROPOSED LENGTH

LOCATION: SW CORNER OF CICERO AVE AT 103RD ST

MODEL: $MODELNAME$
FILE NAME: Z:\Shared\Projects\IDOT\IEIC-602-000003 Design\02 CADD Sheets\CICERO AVENUE\D162V36-ADA_sht-41.dgn

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

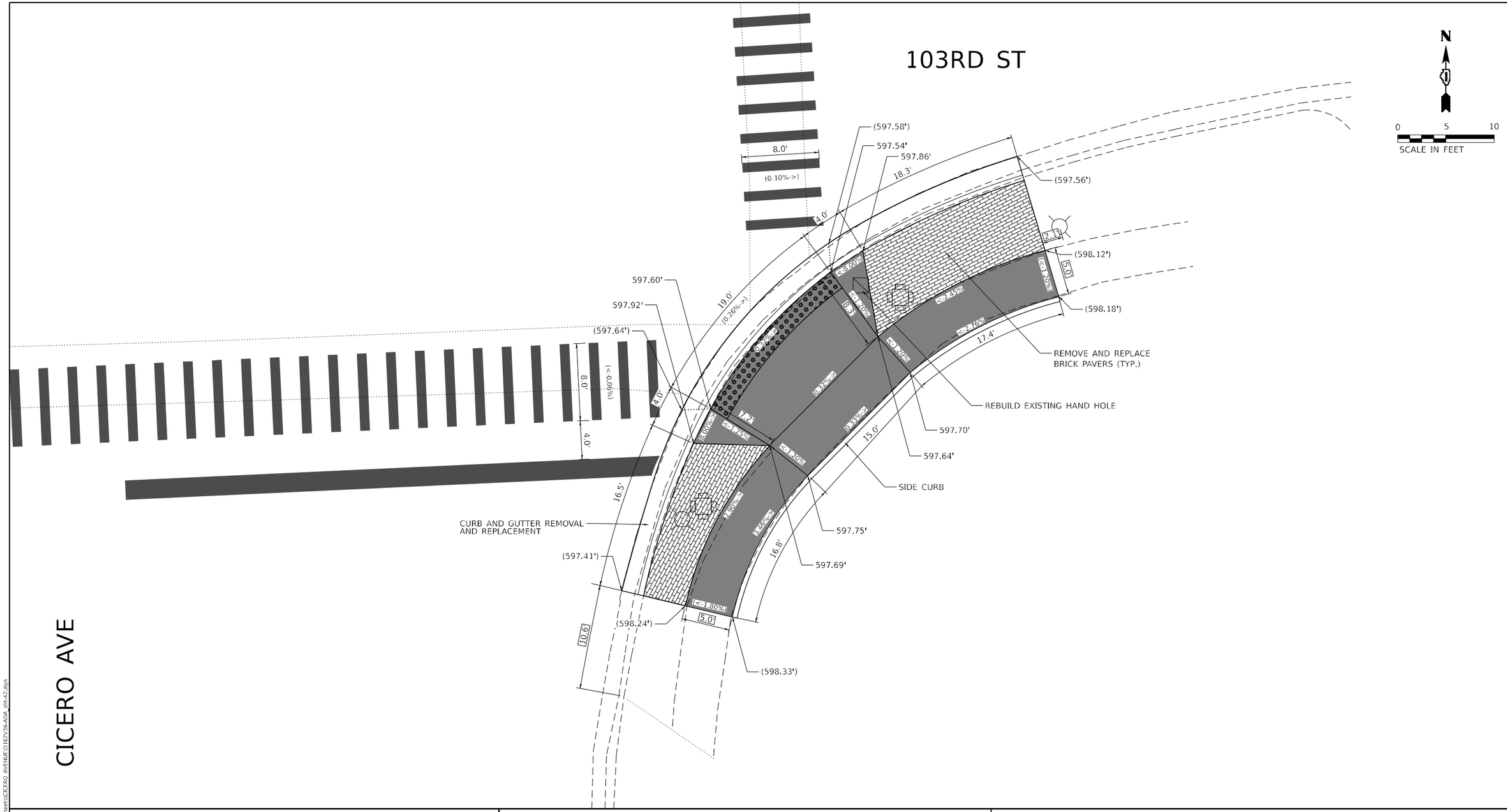
USER NAME = AlexDefrancesco	DESIGNED - AJD	REVISED -	
	DRAWN - AJD	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - MM	REVISED -	
PLOT DATE = 1/27/2025	DATE - 1/27/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 103RD ST

SCALE: 1" = 10' | SHEET 41 OF 72 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	64
		CONTRACT NO. 62V36		
		ILLINOIS	FED. AID PROJECT	



LOCATION: SE CORNER OF CICERO AVE AT 103RD ST

LEGEND

	PROPOSED DETECTABLE WARNINGS		PROPOSED PCC SIDEWALK
	DEPRESSED CURB AND GUTTER		PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
	PAVEMENT PATCHING	( )	EXISTING ELEVATION/SLOPE
	REMOVE AND REINSTALL BRICK PAVER	XX.X'	EXISTING LENGTH
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD	XX.X'	PROPOSED LENGTH

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SUITE 201
WHEATON, IL 60187
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USER NAME = AlexDefrancesco	DESIGNED - AJD	REVISED -	
	DRAWN - AJD	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - MM	REVISED -	
PLOT DATE = 1/27/2025	DATE - 1/27/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 103RD ST

SCALE: 1" = 10' | SHEET 42 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	65
		CONTRACT NO. 62V36		
	ILLINOIS	FED. AID PROJECT		

MODEL: sMODELNAME$
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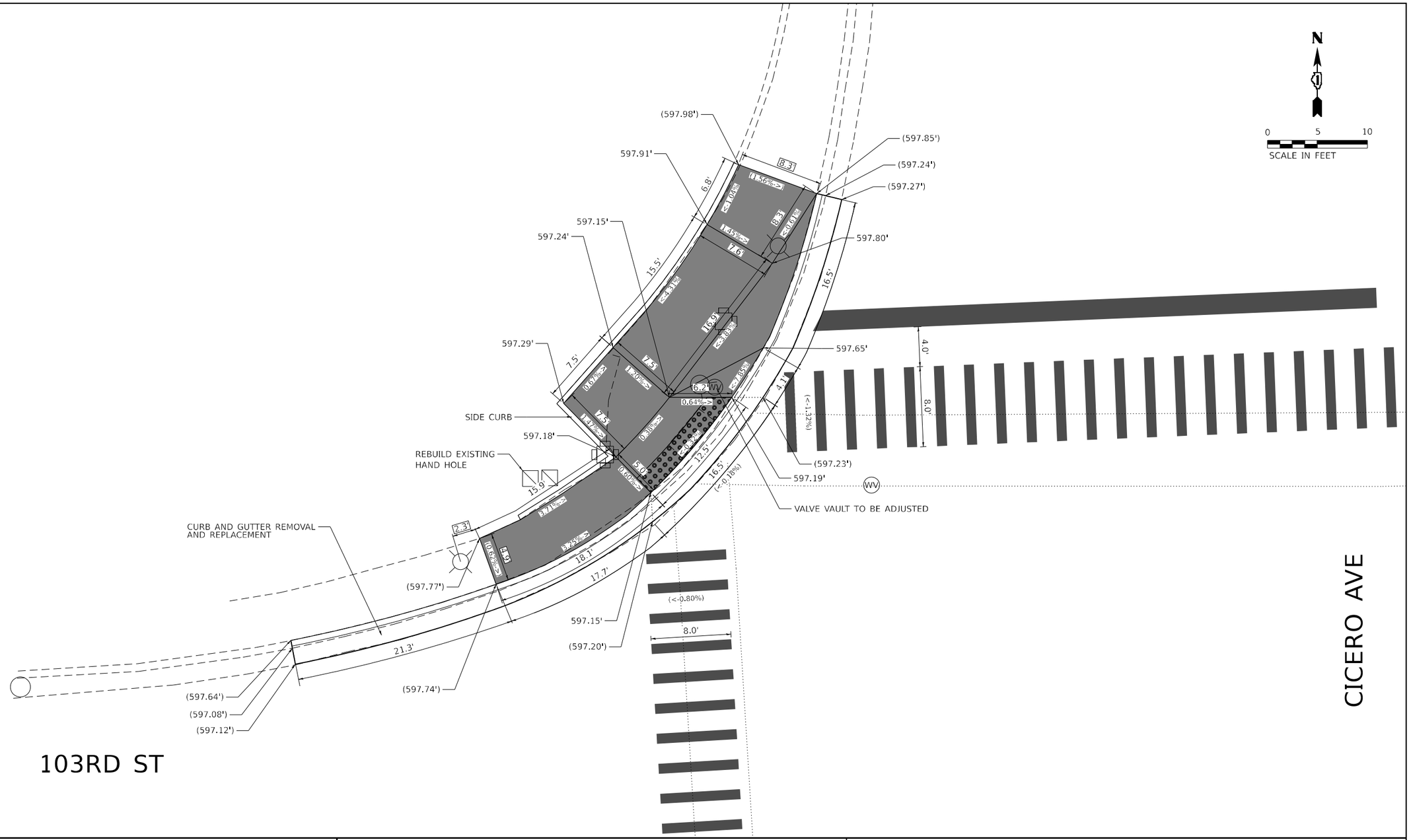

REFERENCE BENCHMARK: ELEV. 597.652

BENCHMARK: CONTROL POINT CUT CROSS ON WALK

LOCATION: 8.3 FEET WEST OF NW CORNER OF IL 50 (CICERO AVENUE) AND 103RD STREET

LEGEND

- PROPOSED DETECTABLE WARNINGS
- DEPRESSED CURB AND GUTTER
- PAVEMENT PATCHING
- REMOVE AND REINSTALL BRICK PAVER
- SIDEWALK REMOVAL
  REPLACE WITH TOPSOIL & SOD
- PROPOSED PCC SIDEWALK
- PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
- ( ) EXISTING ELEVATION/SLOPE
- XX.X' EXISTING LENGTH
- XX.X' PROPOSED LENGTH

OSEH inc.
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SUITE 201
WHEATON, IL 60187
WWW.OSEHINC.COM

USER NAME = AlexDefrancesco	DESIGNED - AJD	REVISED -
	DRAWN - AJD	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - MM	REVISED -
PLOT DATE = 1/27/2025	DATE - 1/27/2025	REVISED -

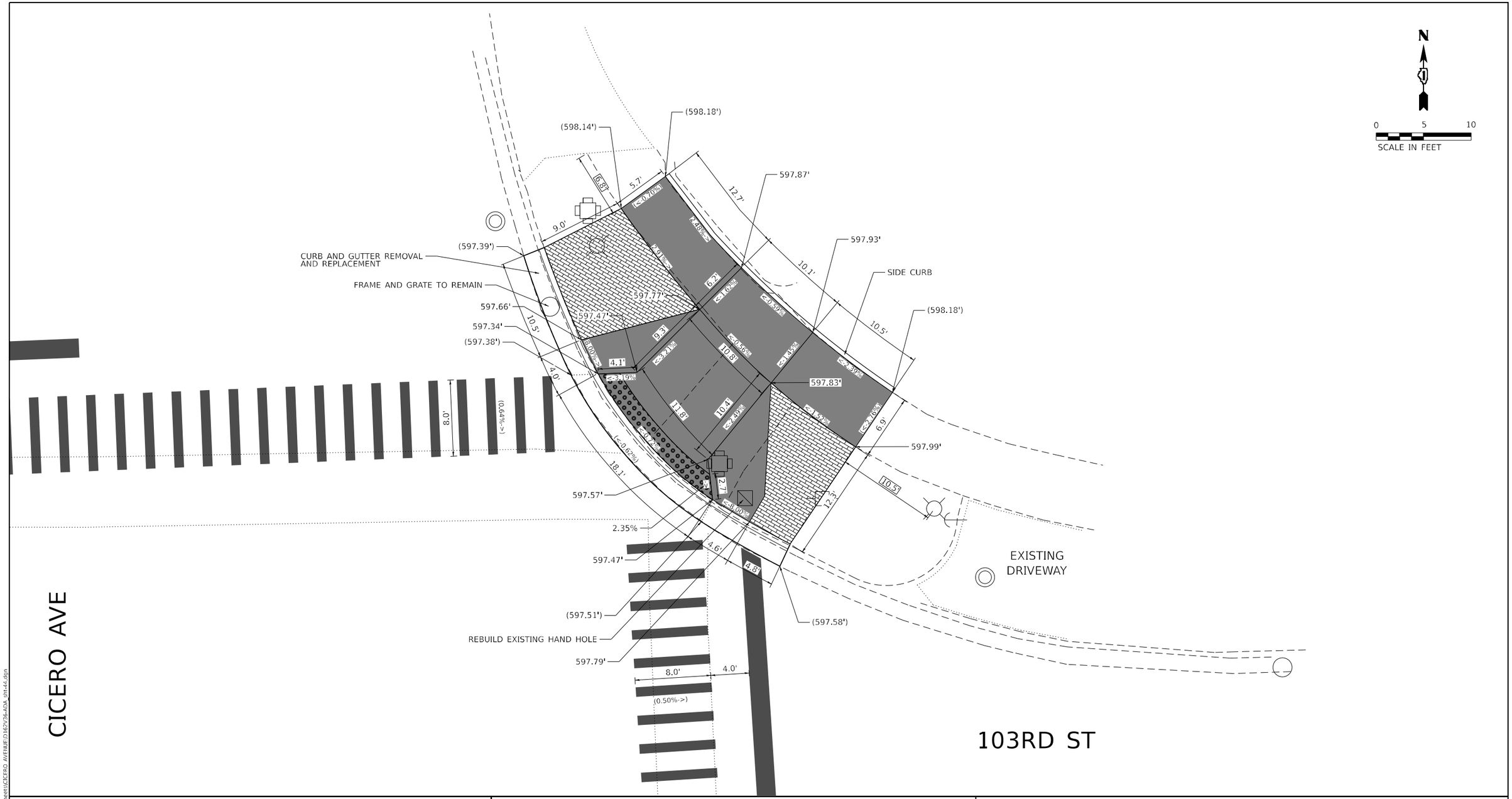
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 103RD ST

SCALE: 1" = 10' | SHEET 43 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	66
		CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			

MODEL: SMODELNAME$
FILE NAME: Z:\Shared Projects\IDOT\EEC-002-000003_Design\02_CADD Sheets\CICERO_AVENUE\D1627V36-ADA_plt-43.dgn



LOCATION: NE CORNER OF CICERO AVE AT 103RD ST

LEGEND

- PROPOSED DETECTABLE WARNINGS
- DEPRESSED CURB AND GUTTER
- PAVEMENT PATCHING
- REMOVE AND REINSTALL BRICK PAVER
- SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
- PROPOSED PCC SIDEWALK
- PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
- ( ) EXISTING ELEVATION/SLOPE
- XX.X' EXISTING LENGTH
- XX.X' PROPOSED LENGTH

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SUITE 201
WHEATON, IL 60187
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USER NAME = AlexDefrancesco	DESIGNED - AJD	REVISED -	
	DRAWN - AJD	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - MM	REVISED -	
PLOT DATE = 3/13/2025	DATE - 3/13/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 103RD ST

SCALE: 1" = 10' | SHEET 44 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	67
		CONTRACT NO. 62V36		
	ILLINOIS	FED. AID PROJECT		

MODEL: sMODELNAME5
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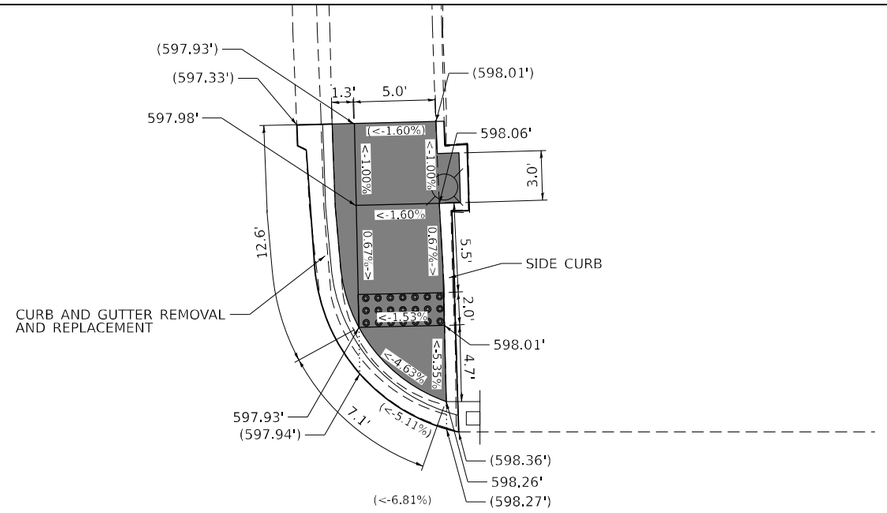
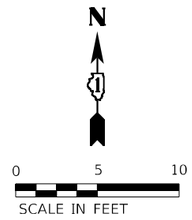
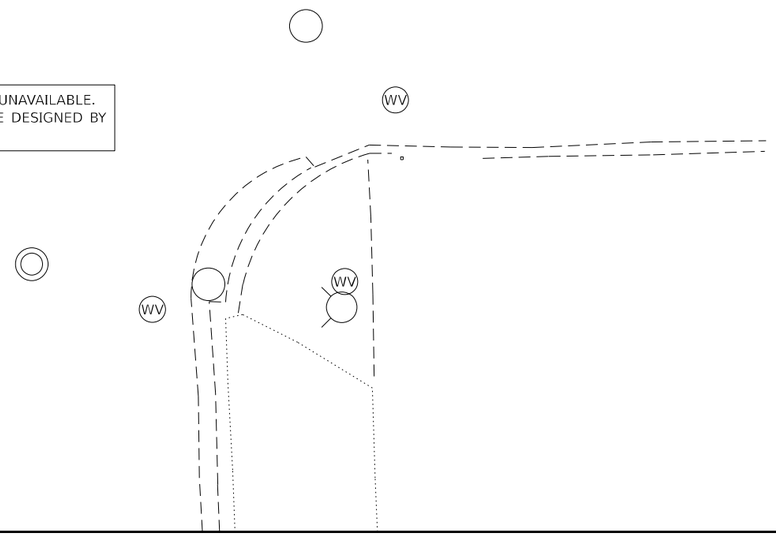


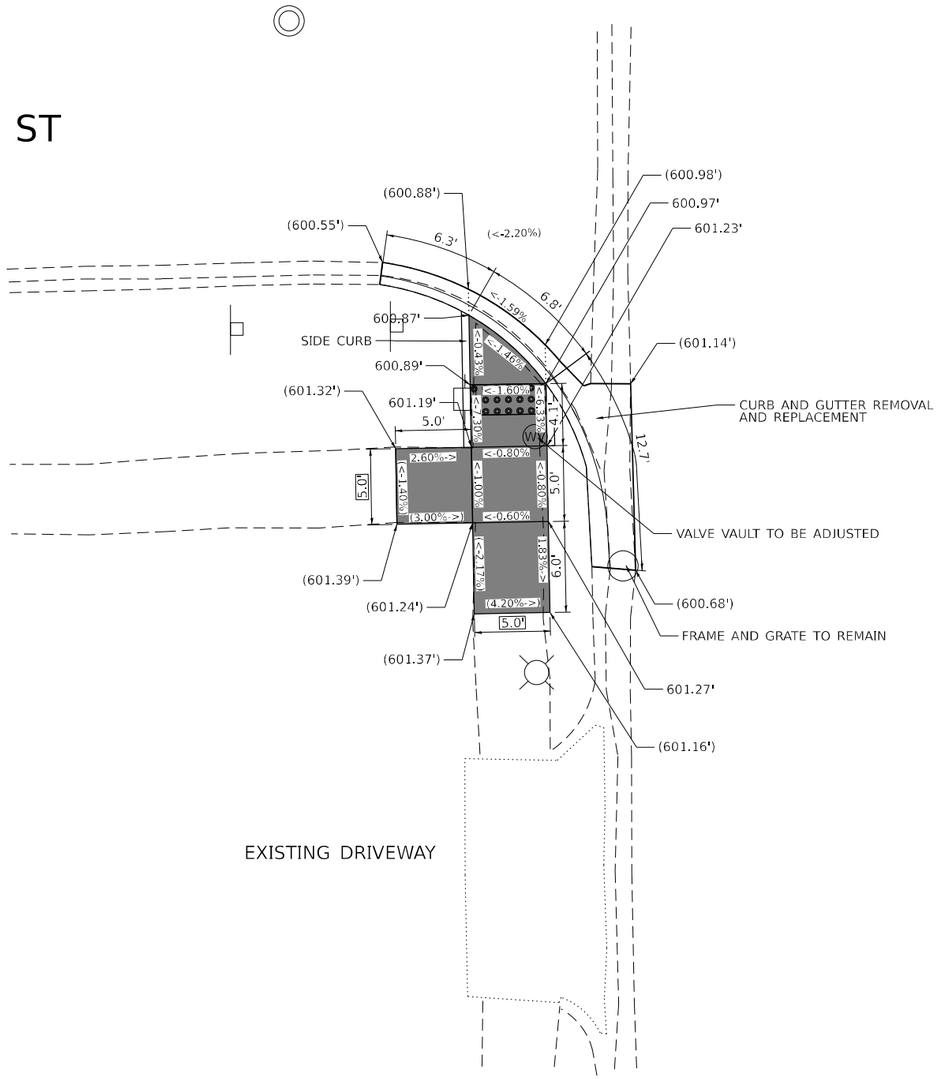


CICERO AVE

ROSIE'S DRIVE IN ENTRANCE

SURVEY DATA UNAVAILABLE.
CORNER TO BE DESIGNED BY
CONTRACTOR.





REFERENCE BENCHMARK: ELEV. 601.882

BENCHMARK: CONTROL POINT CUT CROSS ON WALK

LOCATION: 5 FEET NORTH OF NW CORNER OF IL 50 (CICERO AVE) AND 102ND ST

LEGEND

PROPOSED DETECTABLE WARNINGS	PROPOSED PCC SIDEWALK
DEPRESSED CURB AND GUTTER	PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
PAVEMENT PATCHING	( ) EXISTING ELEVATION/SLOPE
REMOVE AND REINSTALL BRICK PAVER	XX.X' EXISTING LENGTH
SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD	XX.X' PROPOSED LENGTH

OSEH inc.
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SUITE 201
WHEATON, IL 60187
WWW.OSEHINC.COM

USER NAME = AlexDefrancesco	DESIGNED - AJD	REVISED -
	DRAWN - AJD	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - MM	REVISED -
PLOT DATE = 3/13/2025	DATE - 3/13/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 102ND ST

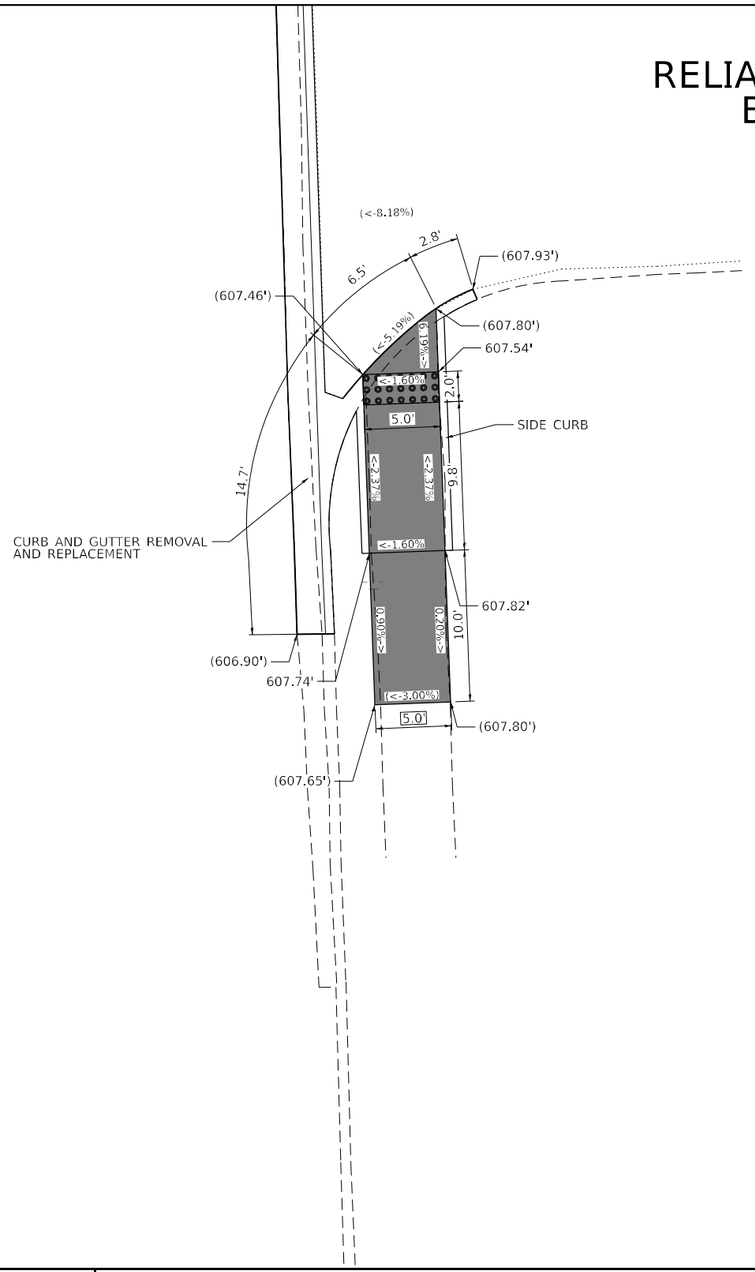
SCALE: 1" = 10' | SHEET 46 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	69
		CONTRACT NO. 62V36		
	ILLINOIS	FED. AID PROJECT		

MODEL: SMODELNAME$
FILE NAME: Z:\Sheets\Projects\IDOT\EEC-2022-020203_Design\02_CADD Sheets\CICERO_AVENUE\D162V36-ADA_sht-46.dgn

RELIABLE PLUMBING ENTRANCE

CICERO AVE



N

0 5 10

SCALE IN FEET

REFERENCE BENCHMARK: ELEV. 607.902

BENCHMARK: CONTROL POINT CUT CROSS ON WALK

LOCATION: 5.6 FEET SOUTH OF ROW CORNER AT SE CORNER OF IL 50 (CICERO AVENUE) AND PERSON PLACE ENTRANCE

LEGEND

- PROPOSED DETECTABLE WARNINGS
- DEPRESSED CURB AND GUTTER
- PAVEMENT PATCHING
- REMOVE AND REINSTALL BRICK PAVER
- SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
- PROPOSED PCC SIDEWALK
- PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
- ( ) EXISTING ELEVATION/SLOPE
- XX.X' EXISTING LENGTH
- XX.X' PROPOSED LENGTH

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

USER NAME = AlexDefrancesco	DESIGNED - AJD	REVISED -
	DRAWN - AJD	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - MM	REVISED -
PLOT DATE = 1/27/2025	DATE - 1/27/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT RELIABLE PLUMBING ENTRANCE

SCALE: 1" = 10' | SHEET 47 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	70
		CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			

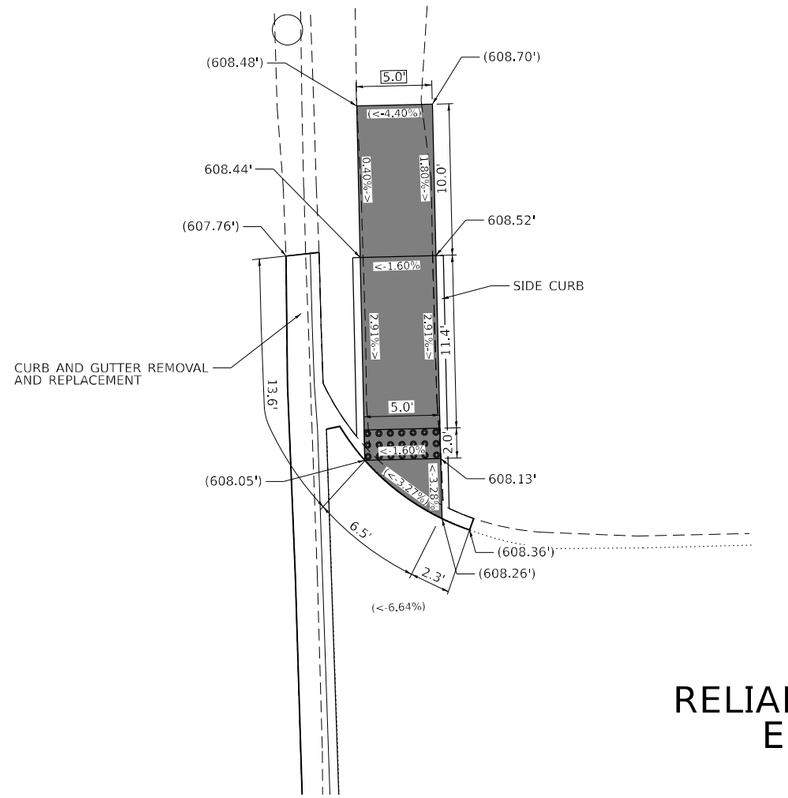
MODEL: $MODELNAME$
FILE NAME: Z:\Shared\Projects\ROYMERC-002-00003_Design\03_CADD Sheets\CICERO AVENUE D162V36-ADA_cnt-47.dgn

N

0 5 10

SCALE IN FEET

CICERO AVE



RELIABLE PLUMBING ENTRANCE

LOCATION: NE CORNER OF CICERO AVE AT RELIABLE PLUMBING ENTRANCE

LEGEND

- PROPOSED DETECTABLE WARNINGS
- PROPOSED PCC SIDEWALK
- DEPRESSED CURB AND GUTTER
- PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
- PAVEMENT PATCHING
- ( ) EXISTING ELEVATION/SLOPE
- REMOVE AND REINSTALL BRICK PAVER
- XX.X' EXISTING LENGTH
- SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
- XX.X' PROPOSED LENGTH

OSEH inc.
401 S CARLTON AVE
SUITE 201
WHEATON, IL 60187
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USER NAME = AlexDefrancesco	DESIGNED - AJD	REVISED -	
	DRAWN - AJD	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - MM	REVISED -	
PLOT DATE = 1/27/2025	DATE - 1/27/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

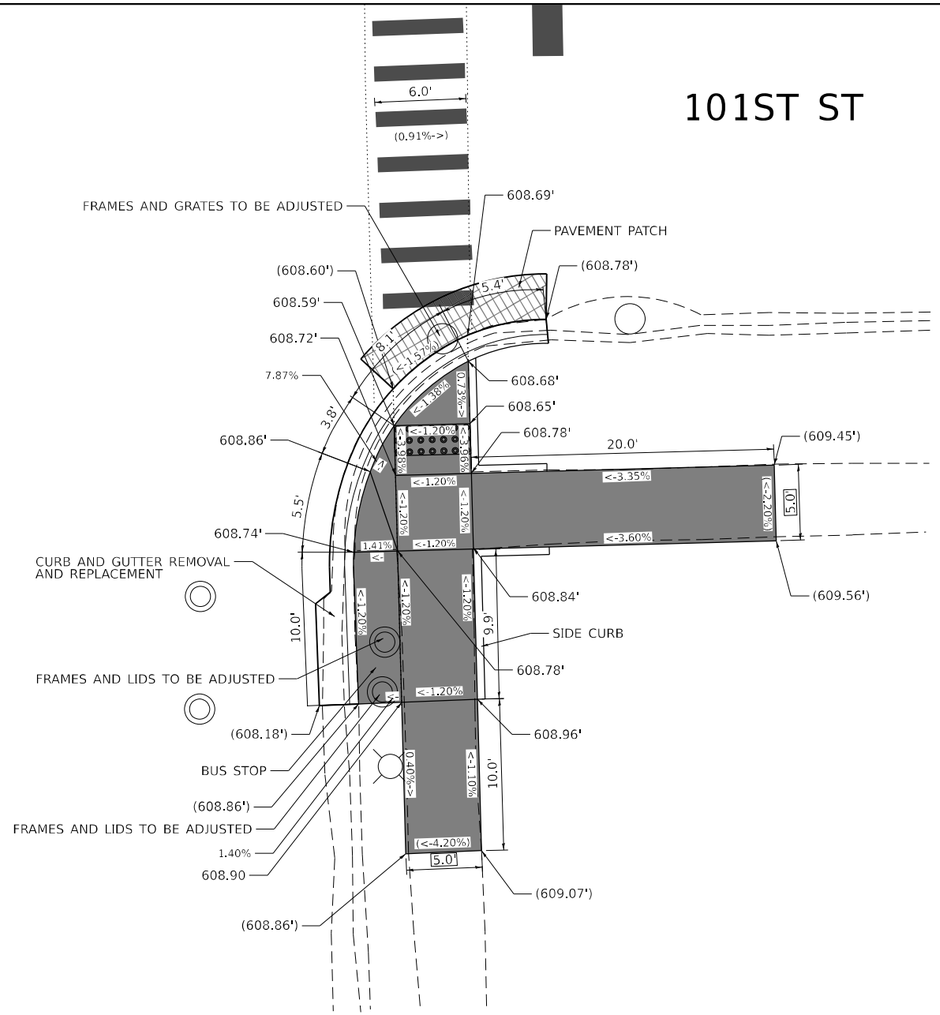
ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT RELIABLE PLUMBING ENTRANCE

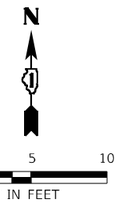
SCALE: 1" = 10' | SHEET 48 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	71
		CONTRACT NO. 62V36		
	ILLINOIS	FED. AID PROJECT		

MODEL: $MODELNAME$
FILE NAME: P:\Shared\Projects\IDOT\MFC-402-00003_Design\02_CADD Sheets\CICERO AVENUE\D162V36-ADA_cnt-48.dgn

CICERO AVE





LOCATION: SE CORNER OF CICERO AVE AT 101ST ST

LEGEND

- PROPOSED DETECTABLE WARNINGS
- DEPRESSED CURB AND GUTTER
- PAVEMENT PATCHING
- REMOVE AND REINSTALL BRICK PAVER
- SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
- PROPOSED PCC SIDEWALK
- PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
- ( ) EXISTING ELEVATION/SLOPE
- XX.X' EXISTING LENGTH
- XX.X' PROPOSED LENGTH

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SUITE 201
WHEATON, IL 60187
WWW.OSEHINC.COM

USER NAME = AlexDefrancesco	DESIGNED - AJD	REVISED -
	DRAWN - AJD	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - MM	REVISED -
PLOT DATE = 3/13/2025	DATE - 3/13/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

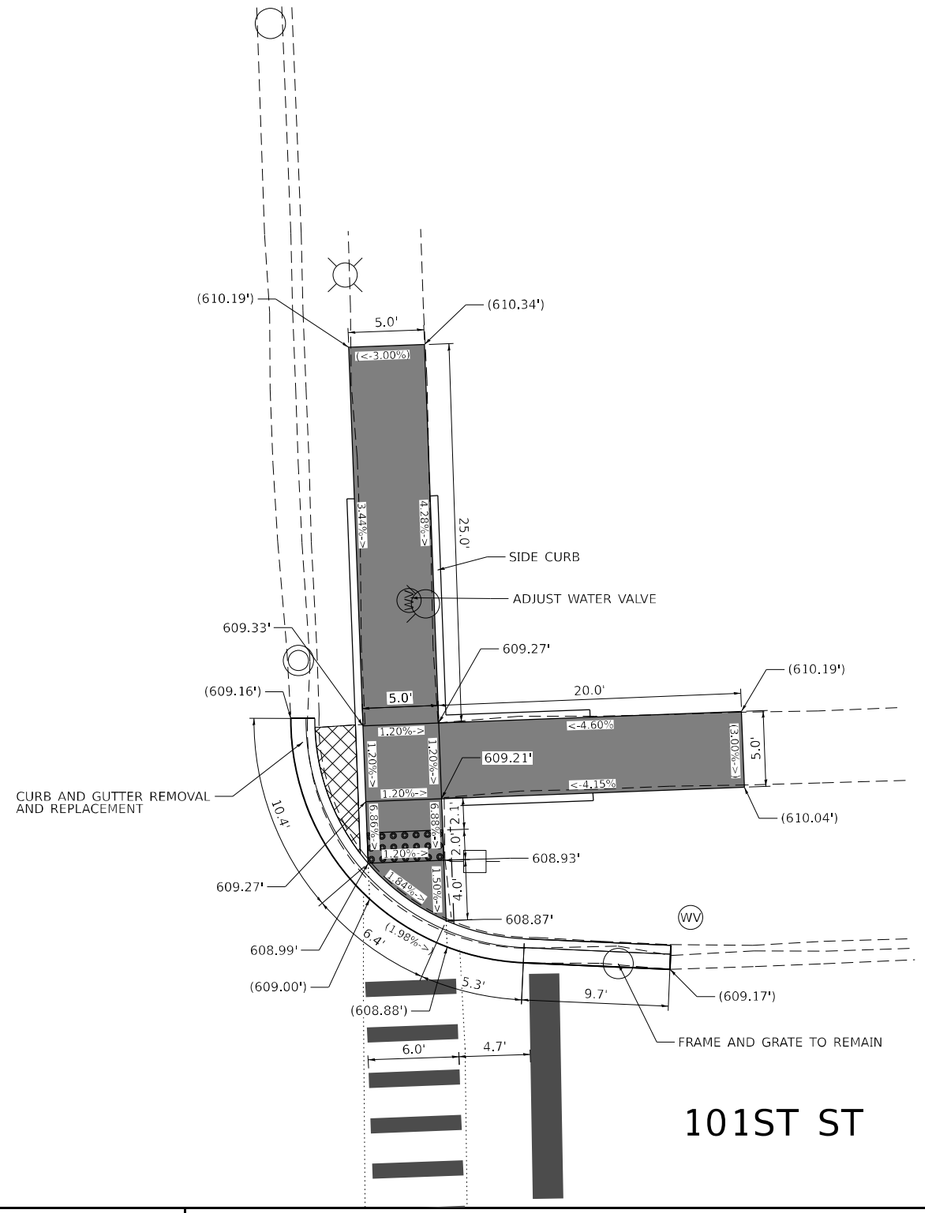
ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 101ST ST

SCALE: 1" = 10' | SHEET 49 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	72
		CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			

MODEL: $MODELNAME$
FILE NAME: Z:\Shared\Projects\IDOT\NEC-002-000103_Design\02_CADD Sheets\CICERO AVE\ILLE-D162V36-ADA_sht-49.dgn

CICERO AVE



N

0 5 10

SCALE IN FEET

LOCATION: NE CORNER OF CICERO AVE AT 101ST ST

LEGEND

- PROPOSED DETECTABLE WARNINGS
- DEPRESSED CURB AND GUTTER
- PAVEMENT PATCHING
- REMOVE AND REINSTALL BRICK PAVER
- SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
- PROPOSED PCC SIDEWALK
- PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
- ( ) EXISTING ELEVATION/SLOPE
- XX.X' EXISTING LENGTH
- XX.X' PROPOSED LENGTH

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

USER NAME = AlexDefrancesco	DESIGNED - AJD	REVISED -
	DRAWN - AJD	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - MM	REVISED -
PLOT DATE = 3/13/2025	DATE - 3/13/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 101ST ST

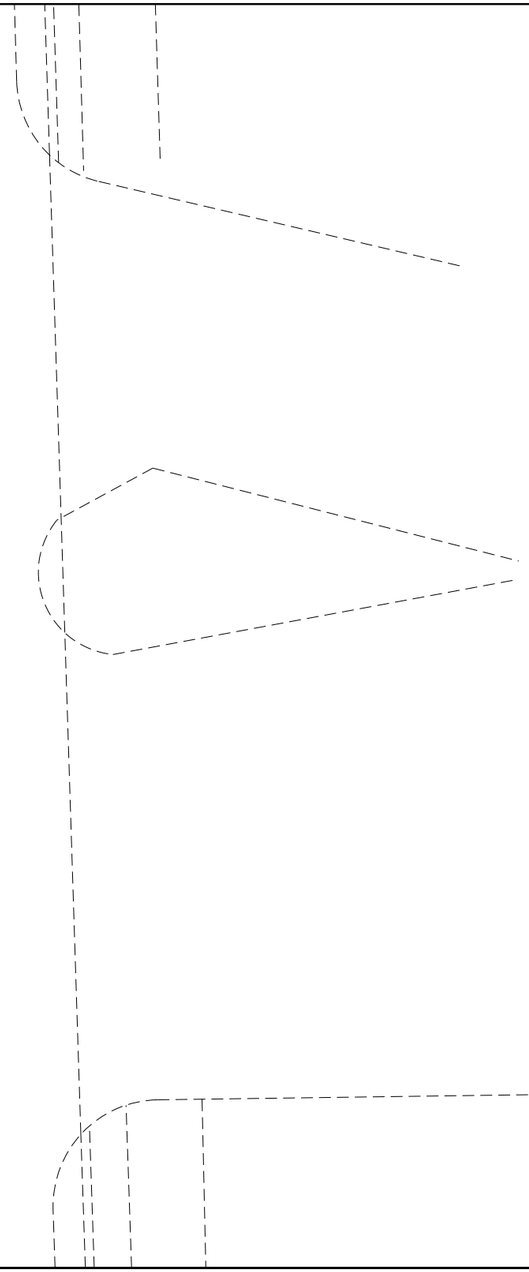
SCALE: 1" = 10' | SHEET 50 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	73
		CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			

MODEL: $MODELNAME$
FILE NAME: Z:\Shared\Projects\IDOT\IEC-007-000\03_Design\07_CADD Sheets\CICERO AVENUE\D162V36-ADA_alt-50.dgn

CICERO AVE

CORNER TO BE DESIGN WITH
STANDARD PD-01
(PROJECT DETAIL FOR SINGLE
PERPENDICULAR CURB RAMP)



N

0 5 10
SCALE IN FEET

RIDGE GARDEN APARTMENTS

LEGEND

- PROPOSED DETECTABLE WARNINGS
- PROPOSED PCC SIDEWALK
- DEPRESSED CURB AND GUTTER
- PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
- PAVEMENT PATCHING
- ( ) EXISTING ELEVATION/SLOPE
- REMOVE AND REINSTALL BRICK PAVER
- XX.X' EXISTING LENGTH
- SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
- XX.X' PROPOSED LENGTH

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SUITE 201
WHEATON, IL 60187
WWW.OSEHINC.COM

USER NAME = AlexDefrancesco	DESIGNED - AJD	REVISED -	
	DRAWN - AJD	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - MM	REVISED -	
PLOT DATE = 1/28/2025	DATE - 1/28/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT RIDGE GARDEN APARTMENTS ENTRANCE

SCALE: 1" = 10' | SHEET 51 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	74
		CONTRACT NO. 62V36		
	ILLINOIS	FED. AID PROJECT		

MODEL: $MODELNAME$
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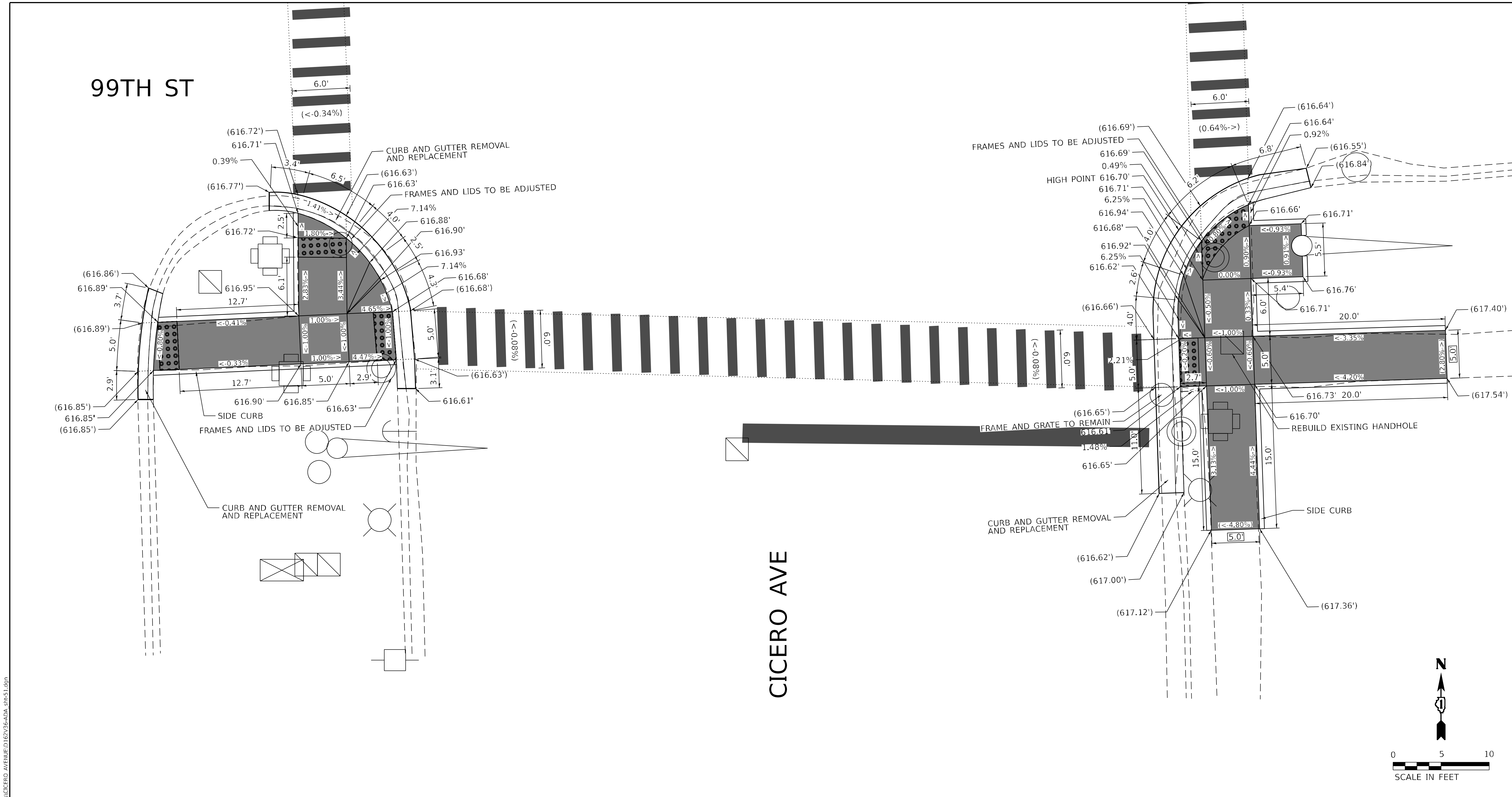


REFERENCE BENCHMARK: ELEV. 617.130

BENCHMARK: CONTROL POINT CUT CROSS ON WALK

LOCATION: 3 FEET SOUTHWEST OF UTILITY POLE AT THE NORTHWEST CORNER OF US 50 (CICERO AVENUE) AND 99TH STREET

LEGEND

	PROPOSED DETECTABLE WARNINGS		PROPOSED PCC SIDEWALK
	DEPRESSED CURB AND GUTTER		PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
	PAVEMENT PATCHING	( )	EXISTING ELEVATION/SLOPE
	REMOVE AND REINSTALL BRICK PAVER	XX.X'	EXISTING LENGTH
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD	XX.X'	PROPOSED LENGTH

MODEL: $MODELNAME$
FILE NAME: Z:\Shared\Projects\IDOT\IEIC-602-000\03 Design\02 CADD Sheets\CICERO AVENUE\D162V36-ADA_sht-51.dgn

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

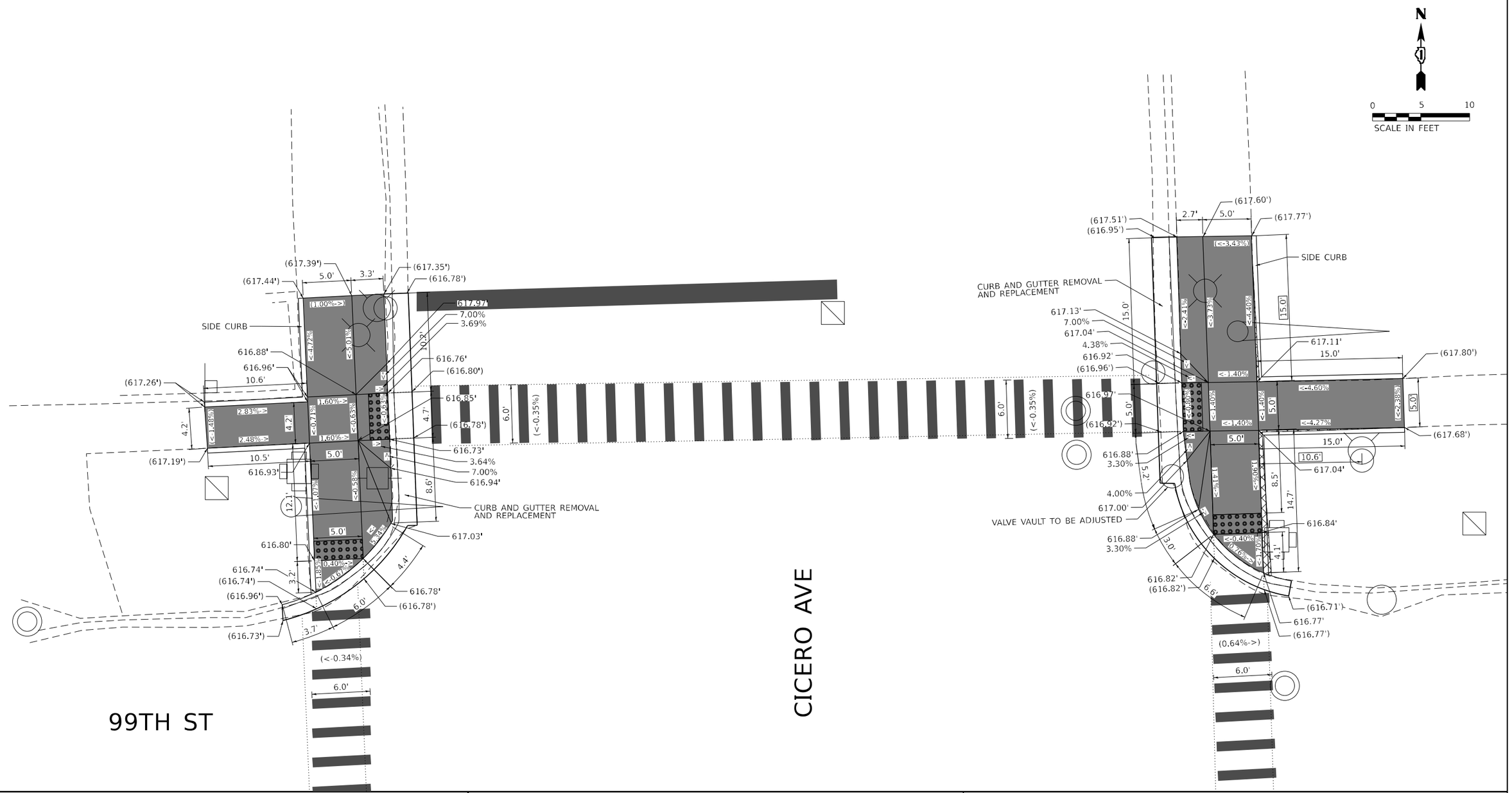
USER NAME = AlexDefrancesco	DESIGNED - AJD	REVISED -	
	DRAWN - AJD	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - MM	REVISED -	
PLOT DATE = 3/13/2025	DATE - 3/13/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 99TH ST

SCALE: 1" = 10' SHEET 52 OF 72 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	75
		CONTRACT NO. 62V36		
		ILLINOIS FED. AID PROJECT		



REFERENCE BENCHMARK: ELEV. 617.13

BENCHMARK: CONTROL POINT CROSS ON WALK

LOCATION: 11.6' S OF CORNER AT NW CORNER OF US 50 (CICERO AVENUE) AND 99TH STREET

LEGEND

PROPOSED DETECTABLE WARNINGS	PROPOSED PCC SIDEWALK
DEPRESSED CURB AND GUTTER	PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
PAVEMENT PATCHING	( ) EXISTING ELEVATION/SLOPE
REMOVE AND REINSTALL BRICK PAVER	XX.X' EXISTING LENGTH
SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD	XX.X' PROPOSED LENGTH

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

USER NAME = AlexDefrancesco		DESIGNED - AJD		REVISED -	
		DRAWN - AJD		REVISED -	
PLOT SCALE = 10.0000 ' / in.		CHECKED - MM		REVISED -	
PLOT DATE = 1/27/2025		DATE - 1/27/2025		REVISED -	

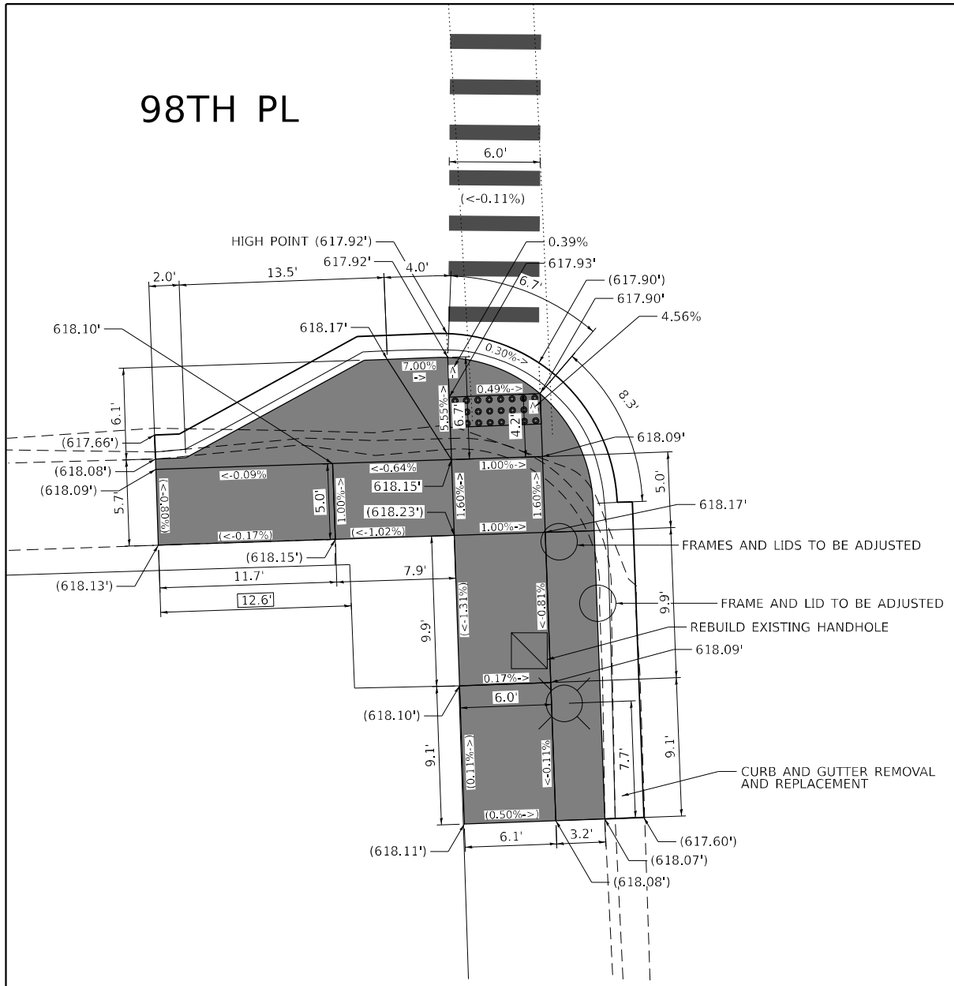
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 99TH ST

SCALE: 1" = 10' | SHEET 53 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	76
		CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			

MODEL: SMODELNAME5
FILE NAME: P:\Shared\Projects\ITO\TIERC-002-00003 Design\02_CADD Sheets\CICERO AVENUE\D162V36-ADA_dht-52.dgn



REFERENCE BENCHMARK: ELEV. 618.22

BENCHMARK: CONTROL POINT CROSS ON WALK

LOCATION: 2.7' N OF CORNER AT NW CORNER OF US 50 (CICERO AVENUE) AND 98TH PLACE

LEGEND

- PROPOSED DETECTABLE WARNINGS
- PROPOSED PCC SIDEWALK
- DEPRESSED CURB AND GUTTER
- PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
- PAVEMENT PATCHING
- ( ) EXISTING ELEVATION/SLOPE
- REMOVE AND REINSTALL BRICK PAVER
- XX.X' EXISTING LENGTH
- SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
- XX.X' PROPOSED LENGTH

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	DRAWN - AJD	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - MM	REVISED -
PLOT DATE = 1/27/2025	DATE - 1/27/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 98TH PL

SCALE: 1" = 10' | SHEET 54 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	77
		CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			

MODEL: SMODELNAMES
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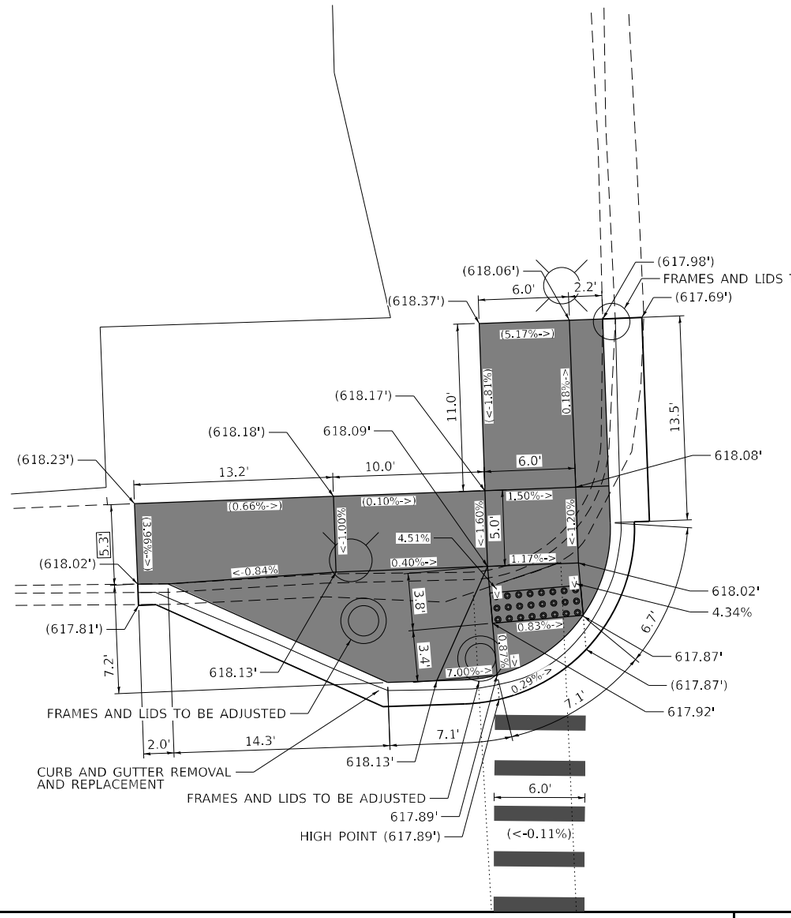
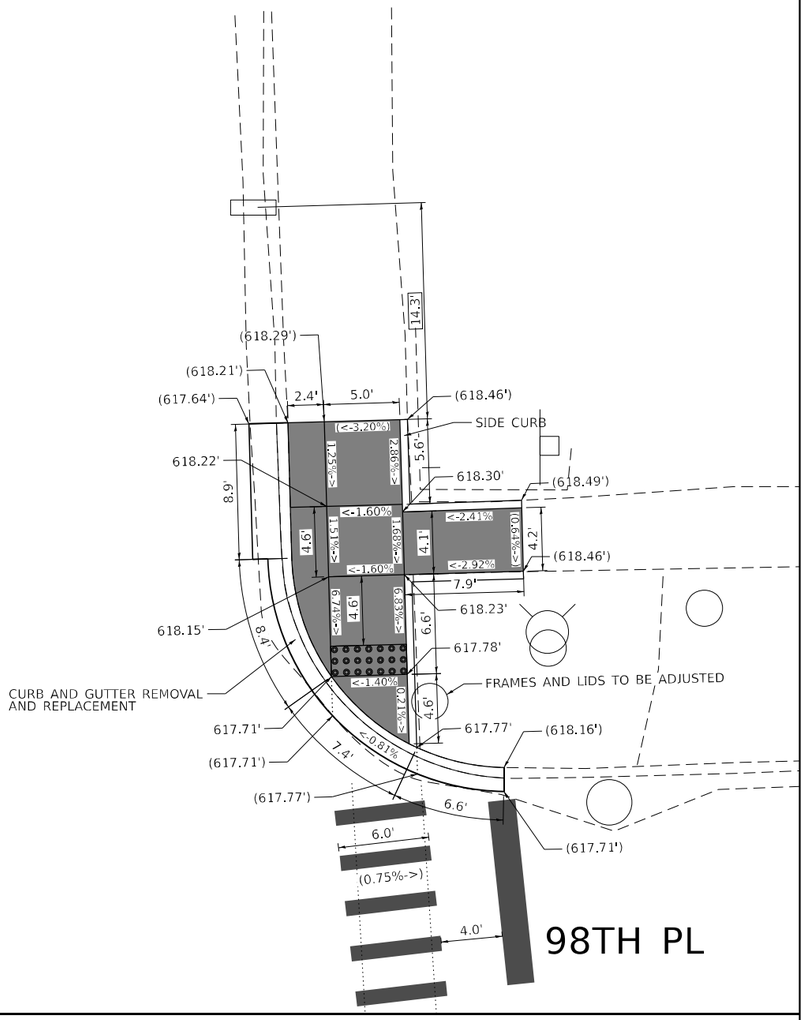


CICERO AVE



REFERENCE BENCHMARK: ELEV. 618.22

BENCHMARK: CONTROL POINT CROSS ON WALK

LOCATION: 2.7' N OF CORNER AT NW CORNER OF US 50 (CICERO AVENUE) AND 98TH PLACE

LEGEND

PROPOSED DETECTABLE WARNINGS	PROPOSED PCC SIDEWALK
DEPRESSED CURB AND GUTTER	PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
PAVEMENT PATCHING	( ) EXISTING ELEVATION/SLOPE
REMOVE AND REINSTALL BRICK PAVER	XX.X' EXISTING LENGTH
SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD	XX.X' PROPOSED LENGTH

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		DRAWN - AJD		REVISED -	
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PLOT DATE = 1/27/2025		DATE - 1/27/2025		REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 98TH PL

SCALE: 1" = 10' | SHEET 55 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	78
		CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			

MODEL: sMODELNAME$
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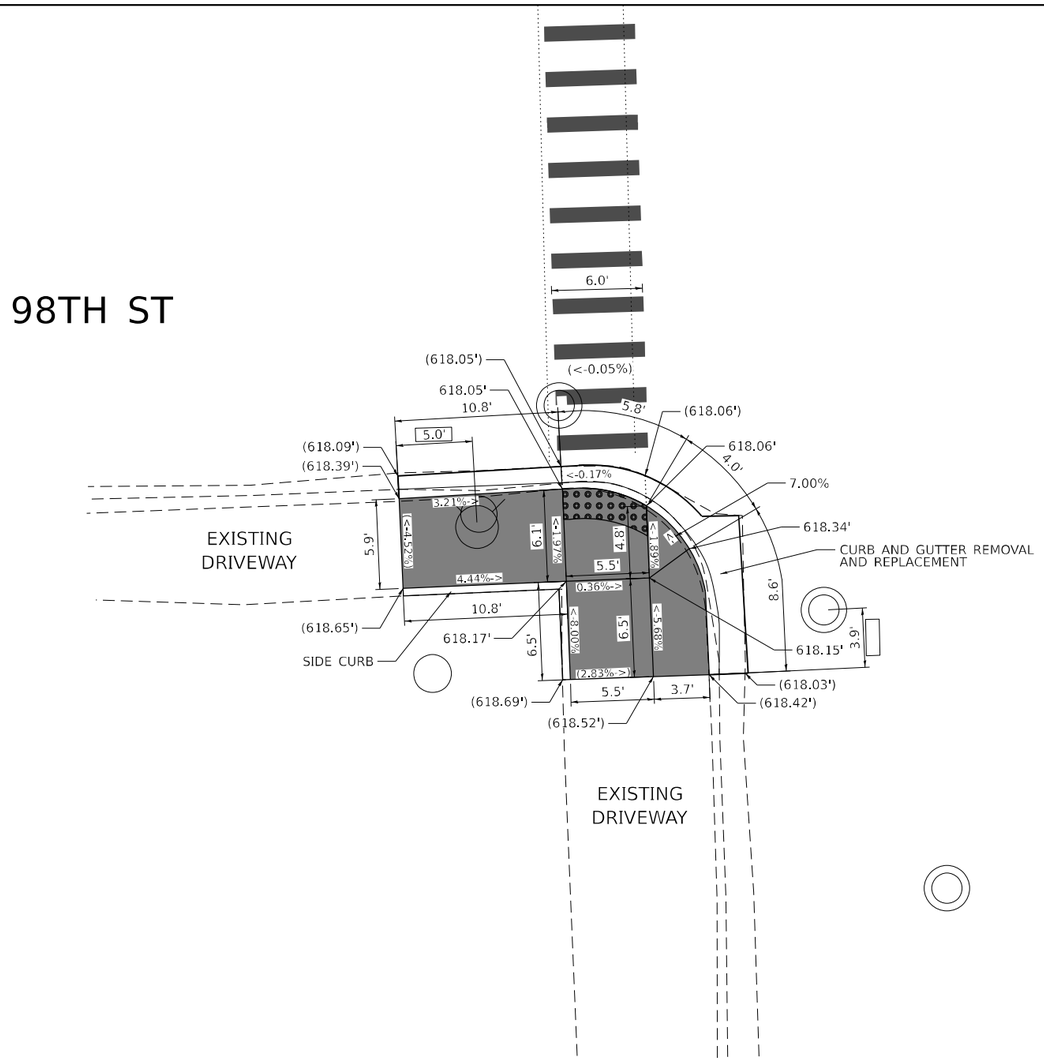

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SCALE IN FEET

REFERENCE BENCHMARK: ELEV. 618.58

BENCHMARK: CONTROL POINT CUT CROSS ON WALK

LOCATION: 12 FEET SOUTHWEST OF THE LIGHTPOLE AT THE NORTHWEST CORNER OF US 50 (CICERO AVENUE) AND 98TH STREET

LEGEND

PROPOSED DETECTABLE WARNINGS	PROPOSED PCC SIDEWALK
DEPRESSED CURB AND GUTTER	PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
PAVEMENT PATCHING	( ) EXISTING ELEVATION/SLOPE
REMOVE AND REINSTALL BRICK PAVER	XX.X' EXISTING LENGTH
SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD	XX.X' PROPOSED LENGTH

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	DRAWN - AJD	REVISED -	
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PLOT DATE = 1/27/2025	DATE - 1/27/2025	REVISED -	

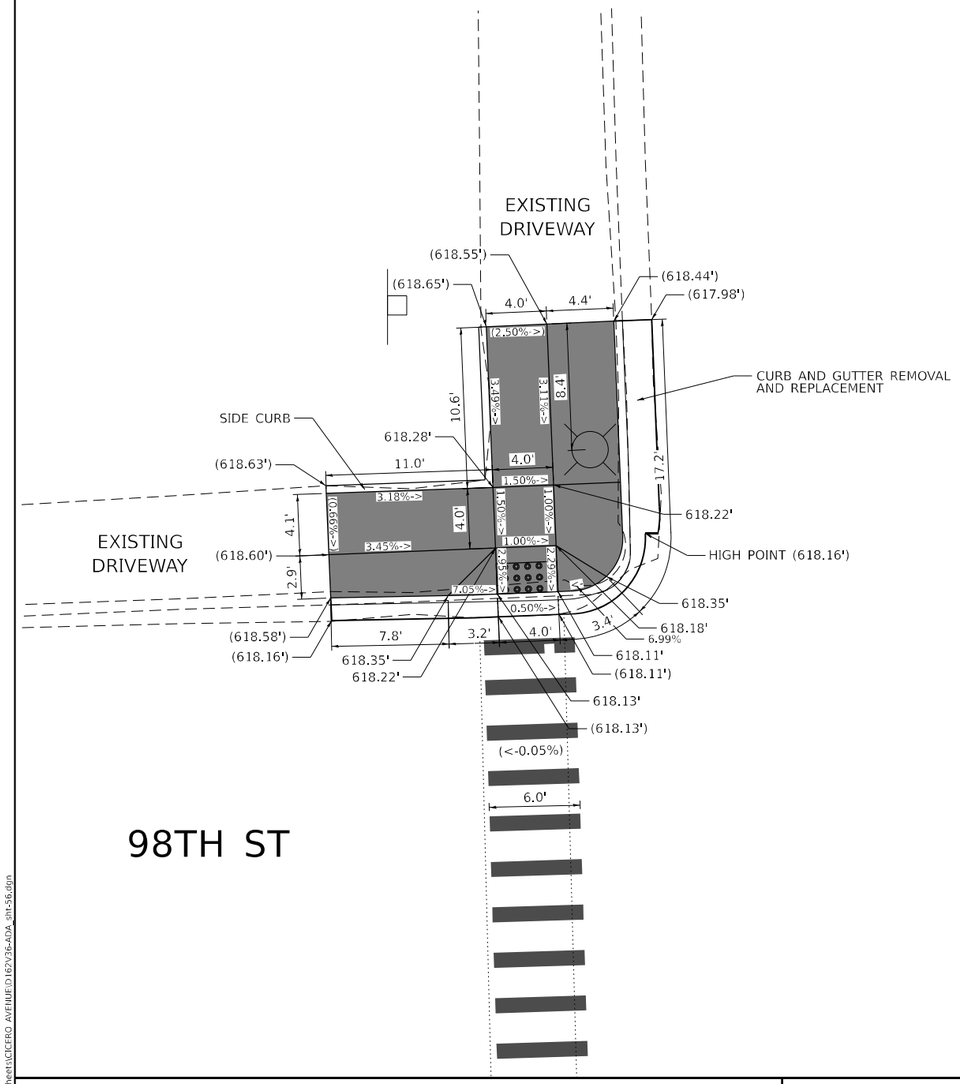
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 98TH ST

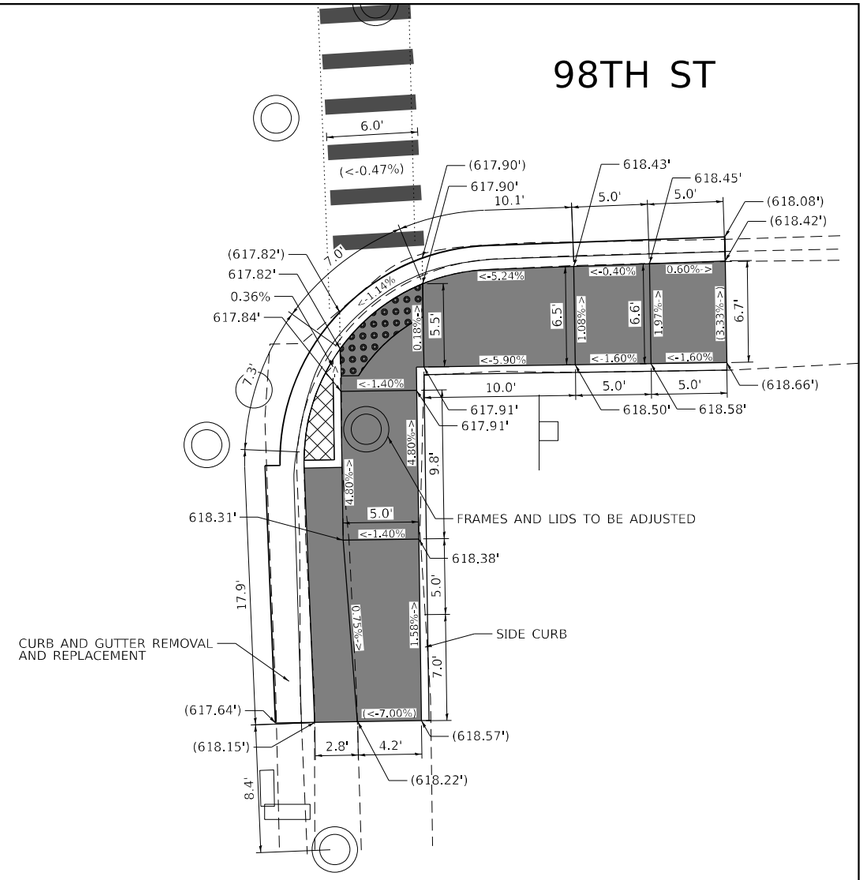
SCALE: 1" = 10' | SHEET 56 OF 72 SHEETS | STA. | TO STA.

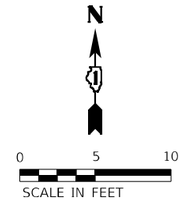
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	79
		CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			

MODEL: $MODELNAME$
FILE NAME: Z:\Shared Projects\IDOT\MFC-002-000\03_Design\02_CADD Sheets\CICERO_AVENUE_D1\62V36-ADA_sht-53.dgn



CICERO AVE





REFERENCE BENCHMARK: ELEV. 618.38 (SOUTHEAST CORNER)
ELEV. 618.58 (NORTHWEST CORNER)

BENCHMARK: CONTROL POINT CUT CROSS ON WALK (SOUTHEAST CORNER)
CONTROL POINT CUT CROSS ON WALK (NORTHWEST CORNER)

LOCATION: 2 FEET NORTH OF SIDEWALK MANHOLE AT SOUTHEAST CORNER OF US 50 (CICERO AVENUE) AND 98TH STREET (SOUTHEAST CORNER)

12 FEET SOUTHWEST OF THE LIGHTPOLE AT THE NORTHWEST CORNER OF US 50 (CICERO AVENUE) AND 98TH STREET (NORTHWEST CORNER)

LEGEND

	PROPOSED DETECTABLE WARNINGS		PROPOSED PCC SIDEWALK
	DEPRESSED CURB AND GUTTER		PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
	PAVEMENT PATCHING	( )	EXISTING ELEVATION/SLOPE
	REMOVE AND REINSTALL BRICK PAVER	XX.X'	EXISTING LENGTH
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD	XX.X'	PROPOSED LENGTH

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	DRAWN - AJD	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - MM	REVISED -	
PLOT DATE = 1/27/2025	DATE - 1/27/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 98TH ST

SCALE: 1" = 10' | SHEET 57 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	80
		CONTRACT NO. 62V36		
	ILLINOIS	FED. AID PROJECT		

MODEL: $MODELNAME$
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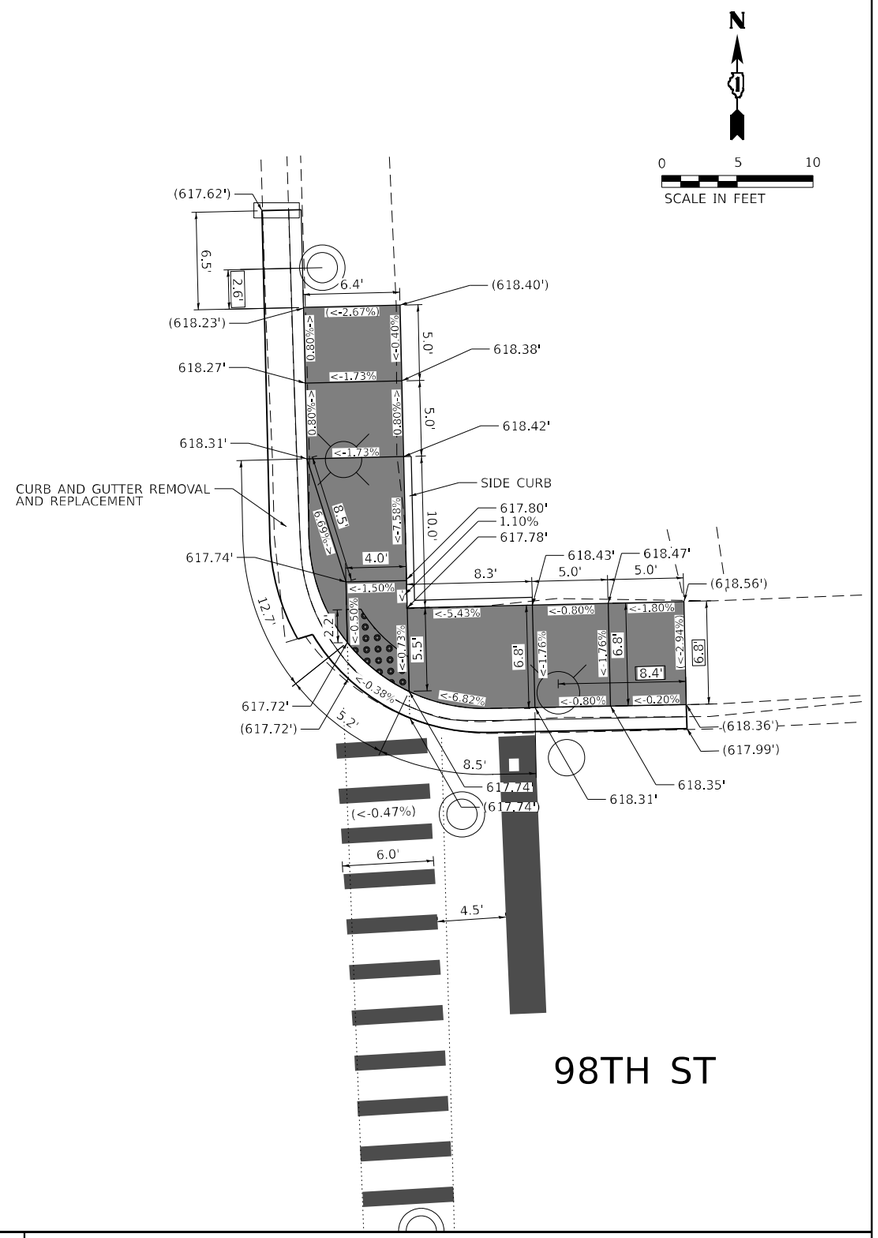
CICERO AVE



REFERENCE BENCHMARK: ELEV. 618.38

BENCHMARK: CONTROL POINT CUT CROSS ON WALK

LOCATION: 2 FEET NORTH OF SIDEWALK MANHOLE AT SOUTHEAST CORNER OF US 50 (CICERO AVENUE) AND 98TH STREET

LEGEND

- PROPOSED DETECTABLE WARNINGS
- DEPRESSED CURB AND GUTTER
- PAVEMENT PATCHING
- REMOVE AND REINSTALL BRICK PAVER
- SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
- PROPOSED PCC SIDEWALK
- PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
- ( ) EXISTING ELEVATION/SLOPE
- XX.X' EXISTING LENGTH
- XX.X' PROPOSED LENGTH

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	DRAWN - AJD	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - MM	REVISED -	
PLOT DATE = 1/27/2025	DATE - 1/27/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 98TH ST

SCALE: 1" = 10' | SHEET 58 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	81
		CONTRACT NO. 62V36		
	ILLINOIS	FED. AID PROJECT		

MODEL: SMODELNAME$
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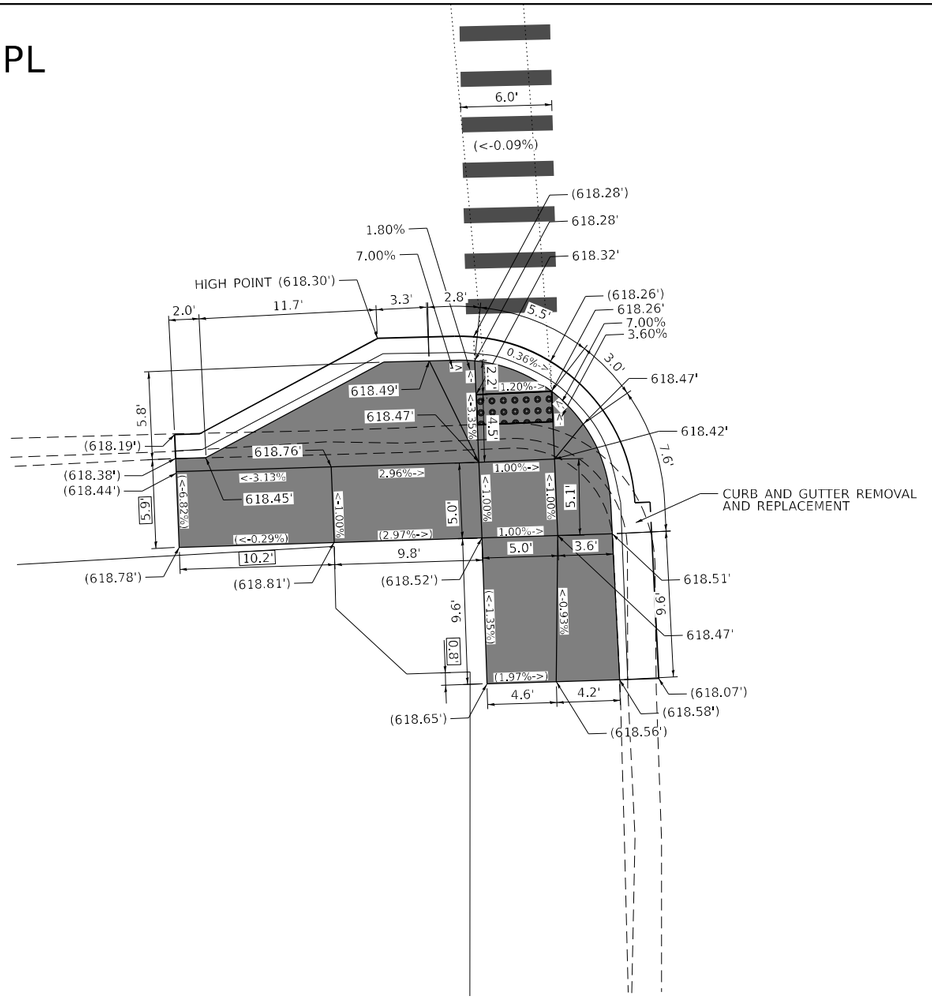
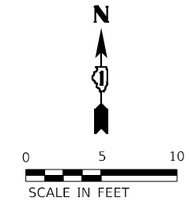
97TH PL





CICERO AVE

REFERENCE BENCHMARK: ELEV. 618.50

BENCHMARK: CONTROL POINT CUT CROSS ON WALK

LOCATION: 5 FEET SOUTH OF THE BACK OF THE EXISTING DEPRESSED CURB AT THE SOUTHWEST CORNER OF US 50 (CICERO AVENUE) AND 97TH PLACE

LEGEND

	PROPOSED DETECTABLE WARNINGS		PROPOSED PCC SIDEWALK
	DEPRESSED CURB AND GUTTER		PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
	PAVEMENT PATCHING	( )	EXISTING ELEVATION/SLOPE
	REMOVE AND REINSTALL BRICK PAVER	XX.X'	EXISTING LENGTH
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD	XX.X'	PROPOSED LENGTH

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		DRAWN - AJD		REVISED -	
PLOT SCALE = 10.0000 ' / in.		CHECKED - MM		REVISED -	
PLOT DATE = 1/27/2025		DATE - 1/27/2025		REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 97TH PL

SCALE: 1" = 10' | SHEET 59 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	82
		CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			

MODEL: sMODELNAME5
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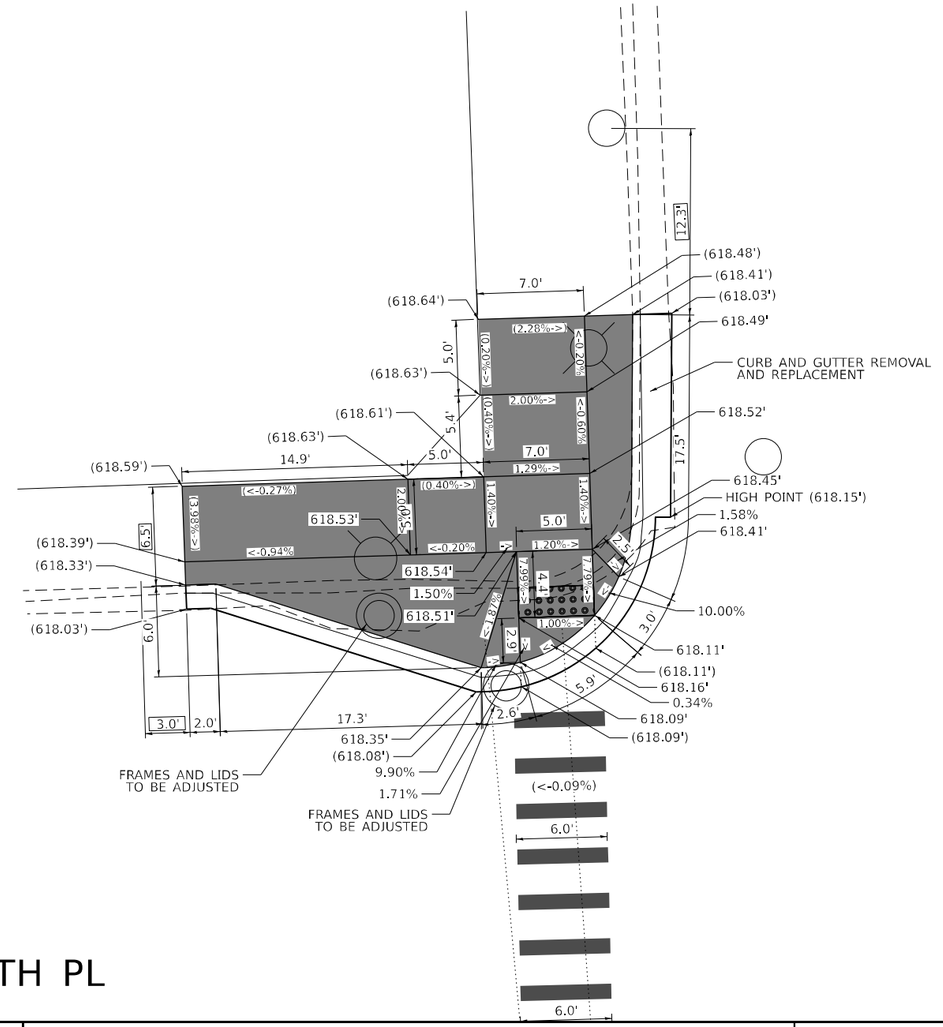

REFERENCE BENCHMARK: ELEV. 618.50

BENCHMARK: CONTROL POINT CUT CROSS ON WALK

LOCATION: 5 FEET SOUTH OF THE BACK OF THE EXISTING DEPRESSED CURB AT THE SOUTHWEST CORNER OF US 50 (CICERO AVENUE) AND 97TH PLACE

LEGEND

- PROPOSED DETECTABLE WARNINGS
- PROPOSED PCC SIDEWALK
- DEPRESSED CURB AND GUTTER
- PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
- PAVEMENT PATCHING
- ( ) EXISTING ELEVATION/SLOPE
- REMOVE AND REINSTALL BRICK PAVER
- XX.X' EXISTING LENGTH
- SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
- XX.X' PROPOSED LENGTH

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WHEATON, IL 60187
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	DRAWN - AJD	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - MM	REVISED -	
PLOT DATE = 3/13/2025	DATE - 3/13/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 97TH PL

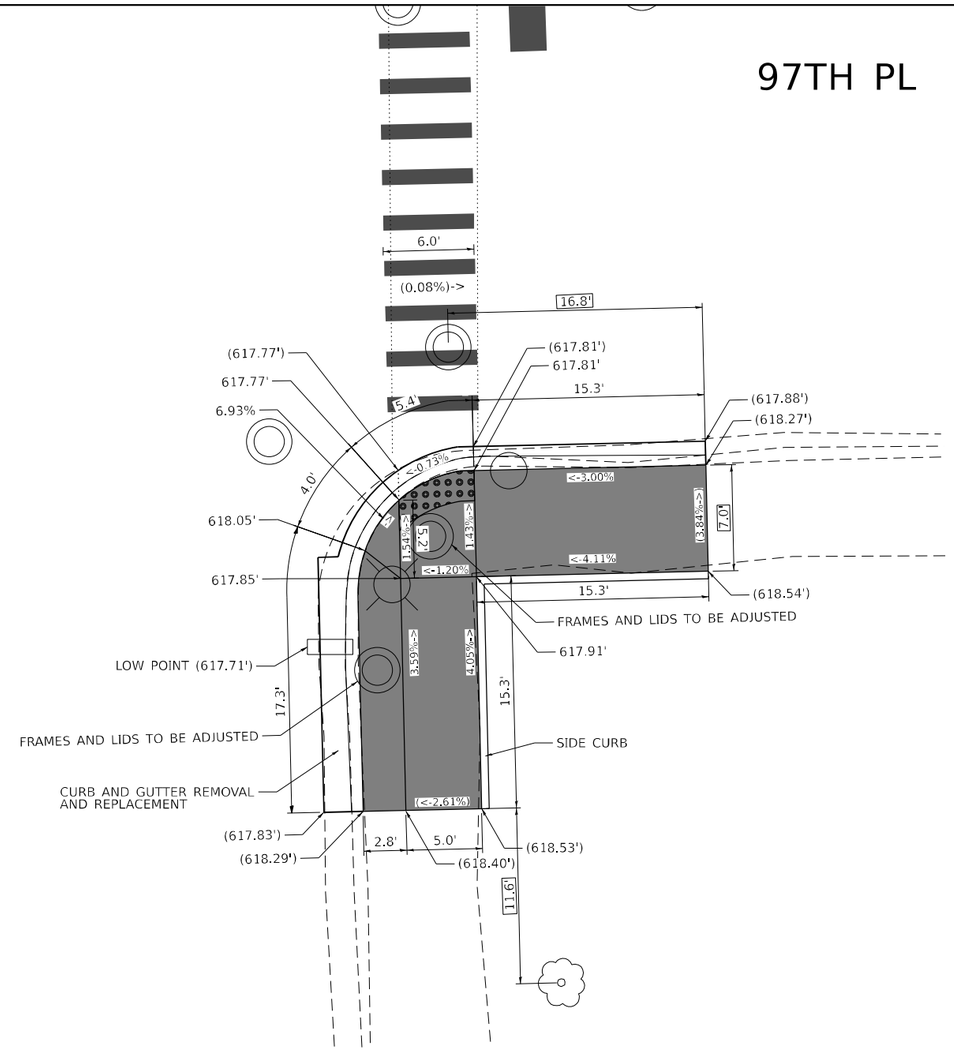
SCALE: 1" = 10' | SHEET 60 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	83
		CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			

MODEL: SMODELNAMES
FILE NAME: Z:\Shared Projects\BOT\EIC-002-000103_Design\02_CADD Sheets\CICERO_AVENUE\D1162V36-ADA_sht-59.dgn

CICERO AVE

97TH PL



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0 5 10

SCALE IN FEET

REFERENCE BENCHMARK: ELEV. 618.48

BENCHMARK: CONTROL POINT CUT CROSS ON WALK

LOCATION: 10.3 FEET NORTH OF CORNER AT NE CORNER OF US 50 (CICERO AVENUE) AND 97TH PLACE

LEGEND

- PROPOSED DETECTABLE WARNINGS
- DEPRESSED CURB AND GUTTER
- PAVEMENT PATCHING
- REMOVE AND REINSTALL BRICK PAVER
- SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
- PROPOSED PCC SIDEWALK
- PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
- ( ) EXISTING ELEVATION/SLOPE
- XX.X' EXISTING LENGTH
- XX.X' PROPOSED LENGTH

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	DRAWN - AJD	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - MM	REVISED -	
PLOT DATE = 1/27/2025	DATE - 1/27/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 97TH PL

SCALE: 1" = 10' | SHEET 61 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	84
		CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			

MODEL: SMODELNAME$
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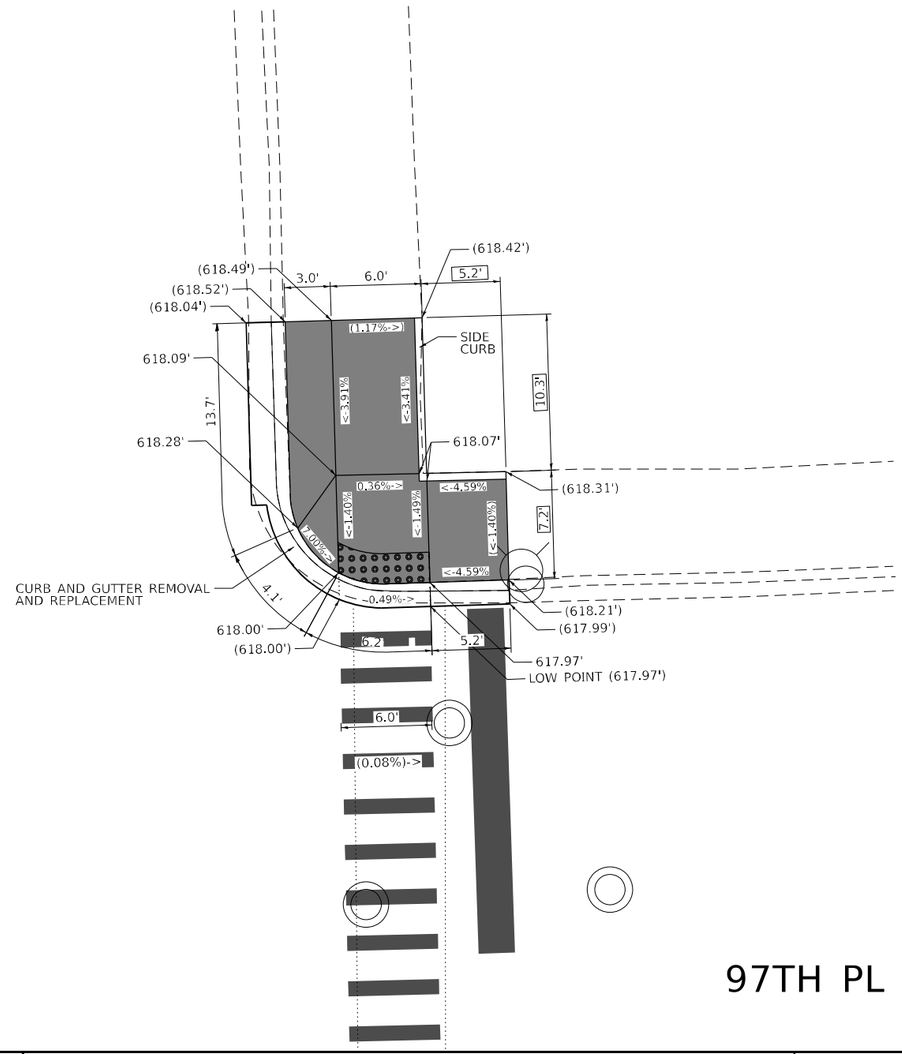
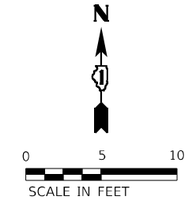
CICERO AVE





REFERENCE BENCHMARK: ELEV. 618.48

BENCHMARK: CONTROL POINT CUT CROSS ON WALK

LOCATION: 10.3 FEET NORTH OF CORNER AT NE CORNER OF US 50 (CICERO AVENUE) AND 97TH PLACE

LEGEND

- PROPOSED DETECTABLE WARNINGS
- DEPRESSED CURB AND GUTTER
- PAVEMENT PATCHING
- REMOVE AND REINSTALL BRICK PAVER
- SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
- PROPOSED PCC SIDEWALK
- PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
- ( ) EXISTING ELEVATION/SLOPE
- XX.X' EXISTING LENGTH
- XX.X' PROPOSED LENGTH

MODEL: $MODELNAME$
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USER NAME = AlexDefrancesco	DESIGNED - AJD	REVISED -	
	DRAWN - AJD	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - MM	REVISED -	
PLOT DATE = 1/27/2025	DATE - 1/27/2025	REVISED -	

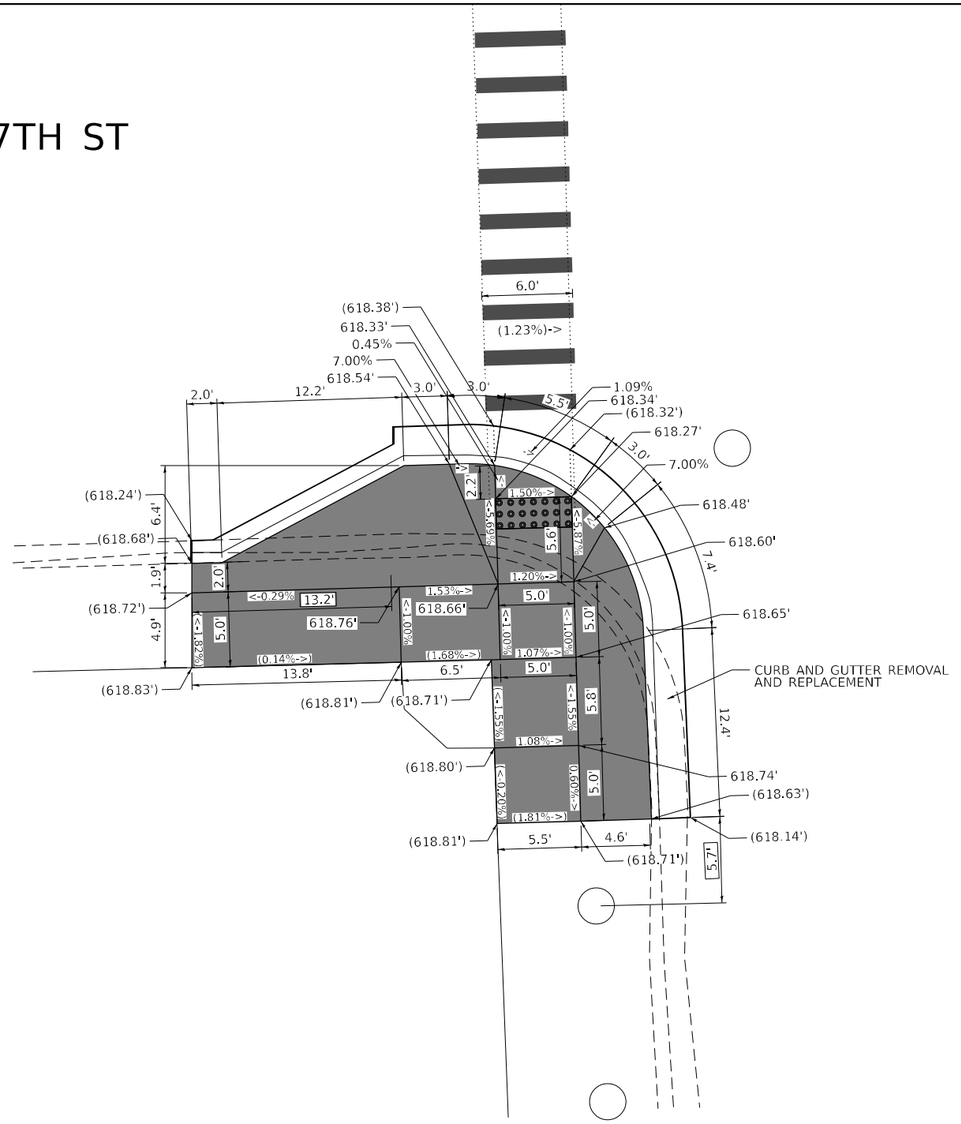
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 97TH PL

SCALE: 1" = 10' | SHEET 62 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	85
		CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			

97TH ST



97TH ST

CICERO AVE

N

0 5 10

SCALE IN FEET

REFERENCE BENCHMARK: ELEV. 618.73

BENCHMARK: CONTROL POINT CUT CROSS ON WALK

LOCATION: 2.9 FEET SOUTH OF CORNER AT NW CORNER OF US 50 (CICERO AVENUE) AND 97TH STREET

LEGEND

- PROPOSED DETECTABLE WARNINGS
- DEPRESSED CURB AND GUTTER
- PAVEMENT PATCHING
- REMOVE AND REINSTALL BRICK PAVER
- SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
- PROPOSED PCC SIDEWALK
- PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
- ( ) EXISTING ELEVATION/SLOPE
- XX.X' EXISTING LENGTH
- XX.X' PROPOSED LENGTH

MODEL: $MODELNAME$
FILE NAME: Z:\Shared\Projects\IDOT\REC-002-000\03_Design\02_CADD Sheets\CICERO_AVENUE-D1162V36-ADA_sht-62.dgn

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

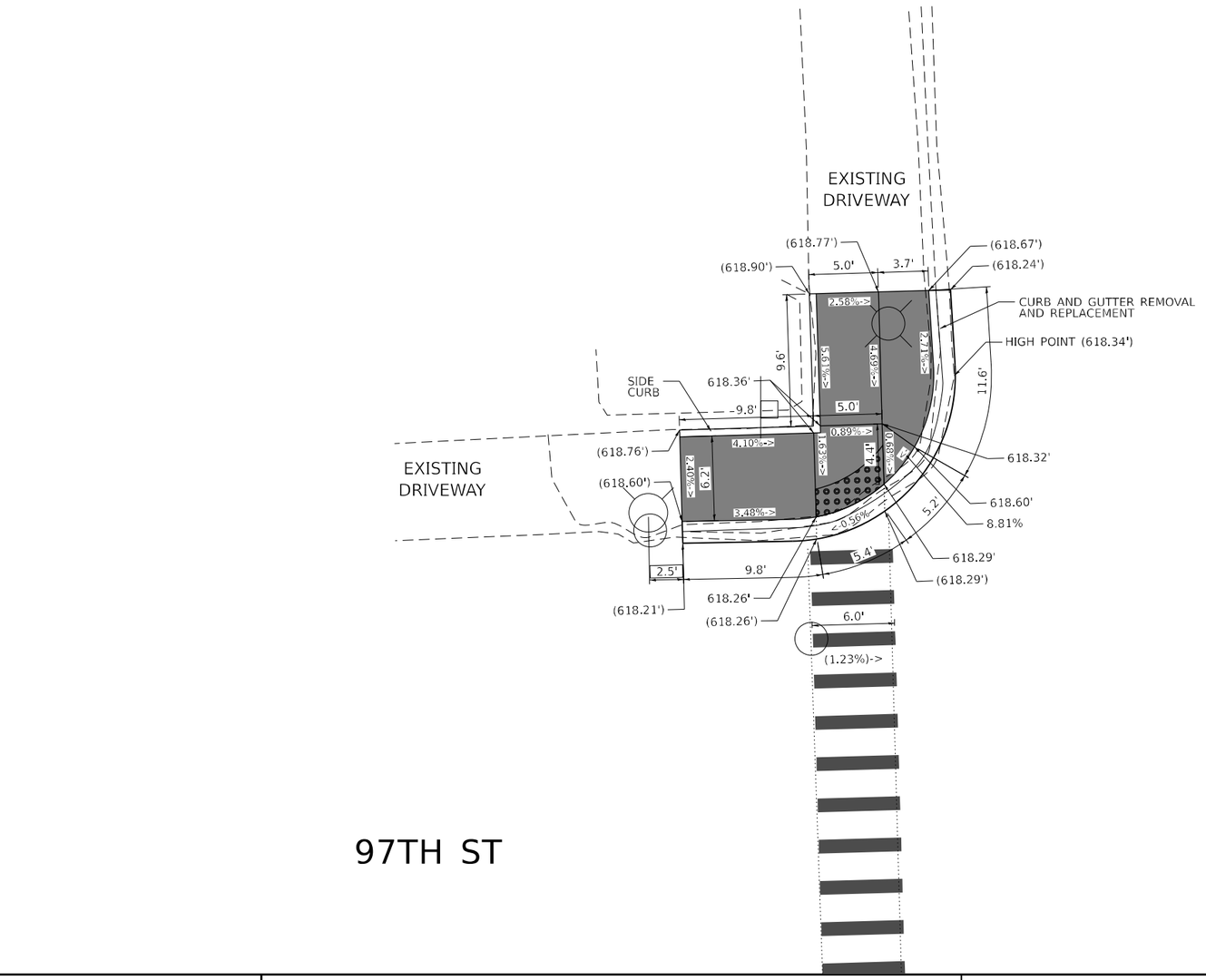
USER NAME = AlexDefrancesco	DESIGNED - AJD	REVISED -	
	DRAWN - AJD	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - MM	REVISED -	
PLOT DATE = 1/27/2025	DATE - 1/27/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 97TH ST

SCALE: 1" = 10' | SHEET 63 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	86
		CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			



REFERENCE BENCHMARK: ELEV. 618.73

BENCHMARK: CONTROL POINT CUT CROSS ON WALK

LOCATION: 2.9 FEET SOUTH OF CORNER AT NW CORNER OF US 50 (CICERO AVENUE) AND 97TH STREET

LEGEND

- PROPOSED DETECTABLE WARNINGS
- PROPOSED PCC SIDEWALK
- DEPRESSED CURB AND GUTTER
- PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
- PAVEMENT PATCHING
- ( ) EXISTING ELEVATION/SLOPE
- REMOVE AND REINSTALL BRICK PAVER
- XX.X' EXISTING LENGTH
- SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
- XX.X' PROPOSED LENGTH

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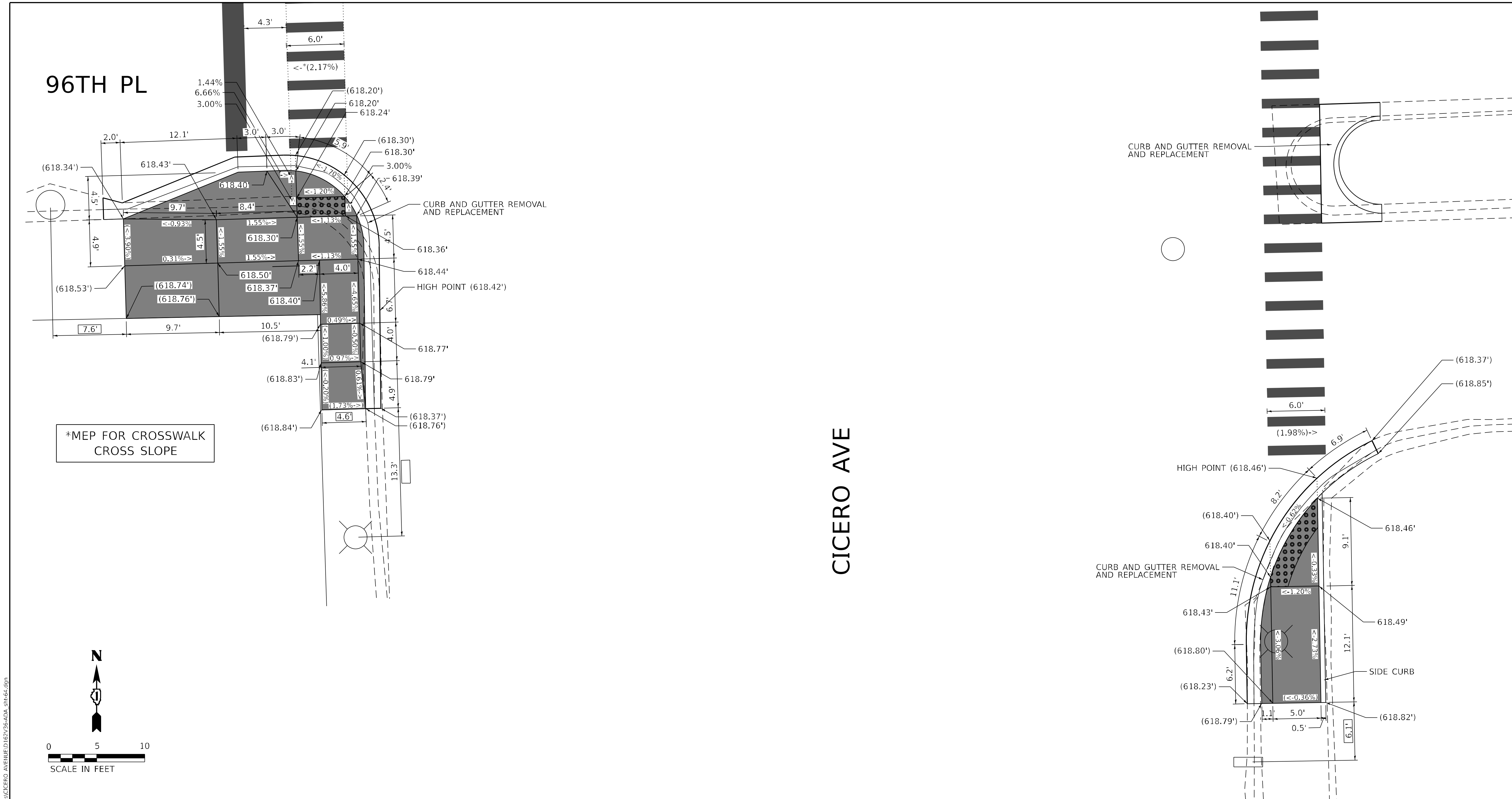
PLOT DATE = 1/27/2025	DATE - 1/27/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 97TH ST

SCALE: 1" = 10' | SHEET 64 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	87
		CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			



REFERENCE BENCHMARK: ELEV. 618.42

BENCHMARK: CONTROL POINT CUT CROSS ON WALK

LOCATION: 3.0 FEET SOUTH OF CORNER AT NW CORNER OF US 50 (CICERO AVENUE) AND 96TH PLACE

LEGEND

- PROPOSED DETECTABLE WARNINGS
- DEPRESSED CURB AND GUTTER
- PAVEMENT PATCHING
- REMOVE AND REINSTALL BRICK PAVER
- SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
- PROPOSED PCC SIDEWALK
- PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
- ( ) EXISTING ELEVATION/SLOPE
- XX.X' (boxed) EXISTING LENGTH
- XX.X' PROPOSED LENGTH

MODEL: $MODELNAME$
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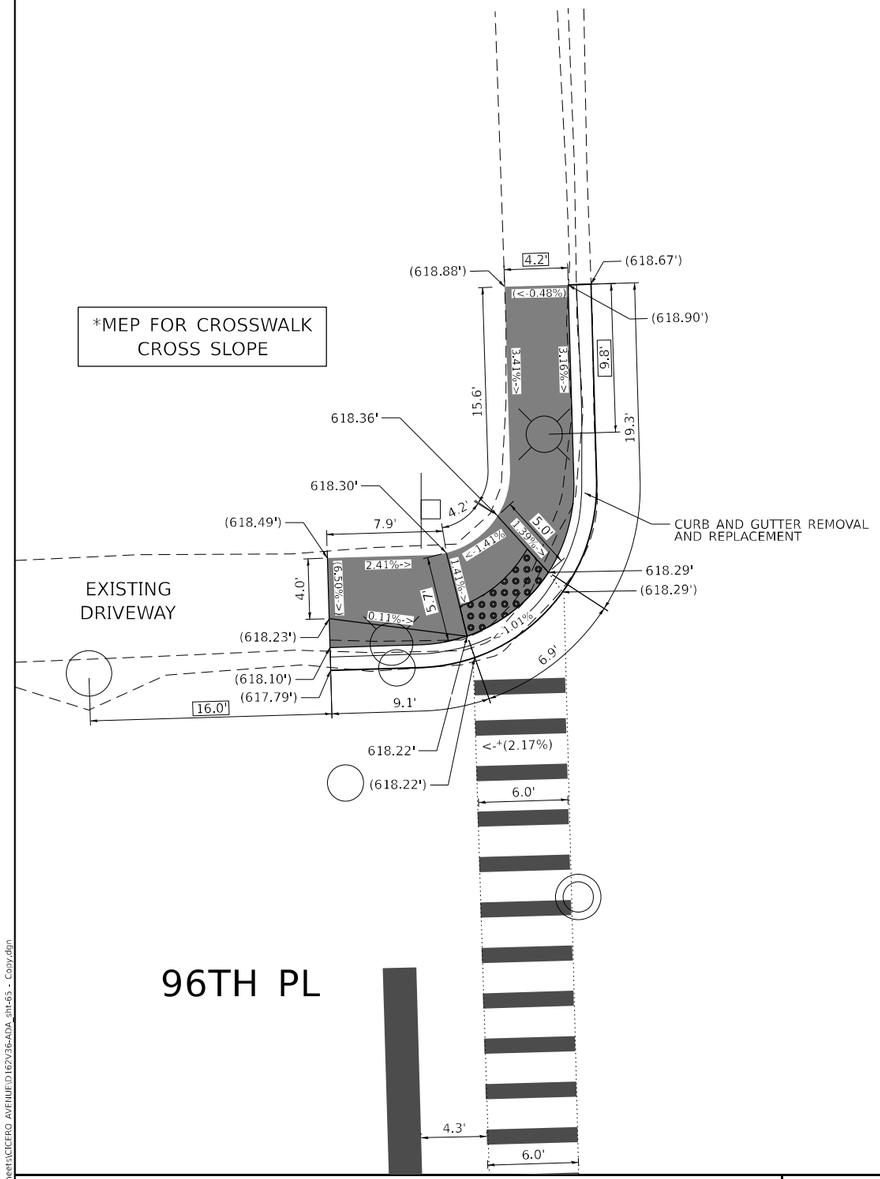
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

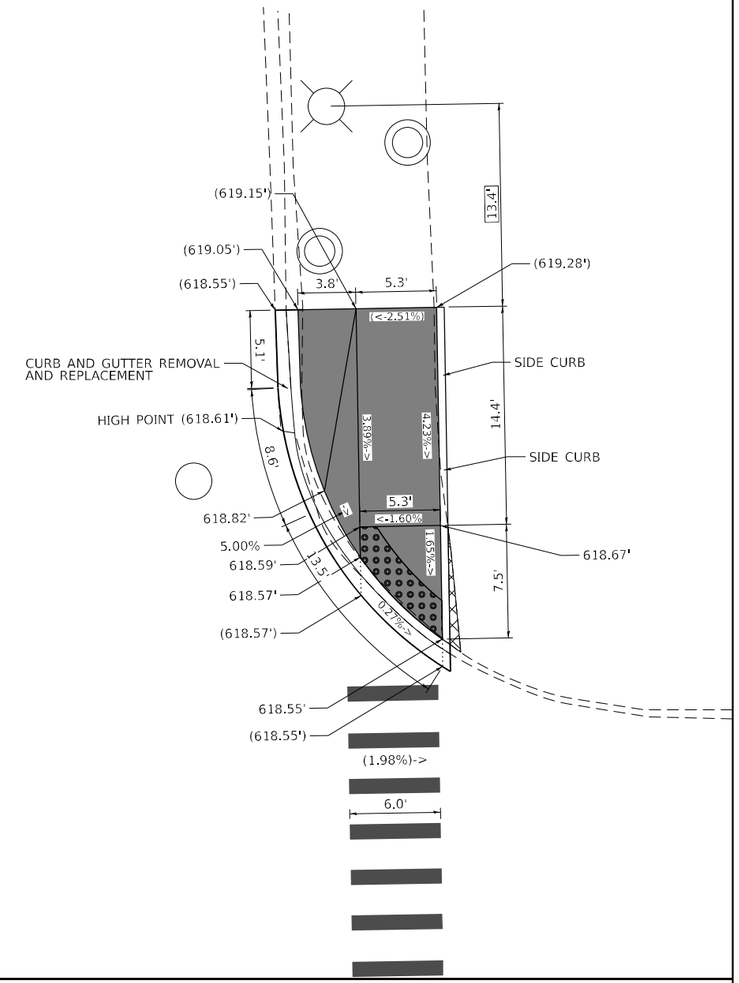
ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 96TH PL

SCALE: 1" = 10' | SHEET 65 OF 72 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	88
		CONTRACT NO. 62V36		
		ILLINOIS	FED. AID PROJECT	

CICERO AVE





REFERENCE BENCHMARK: ELEV. 618.42

BENCHMARK: CONTROL POINT CUT CROSS ON WALK

LOCATION: 3.0 FEET SOUTH OF CORNER AT NW CORNER OF US 50 (CICERO AVENUE) AND 96TH PLACE

LEGEND

	PROPOSED DETECTABLE WARNINGS		PROPOSED PCC SIDEWALK
	DEPRESSED CURB AND GUTTER		PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
	PAVEMENT PATCHING	( )	EXISTING ELEVATION/SLOPE
	REMOVE AND REINSTALL BRICK PAVER	XX.X'	EXISTING LENGTH
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD	XX.X'	PROPOSED LENGTH

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 96TH PL

SCALE: 1" = 10' | SHEET 66 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	89
		CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			

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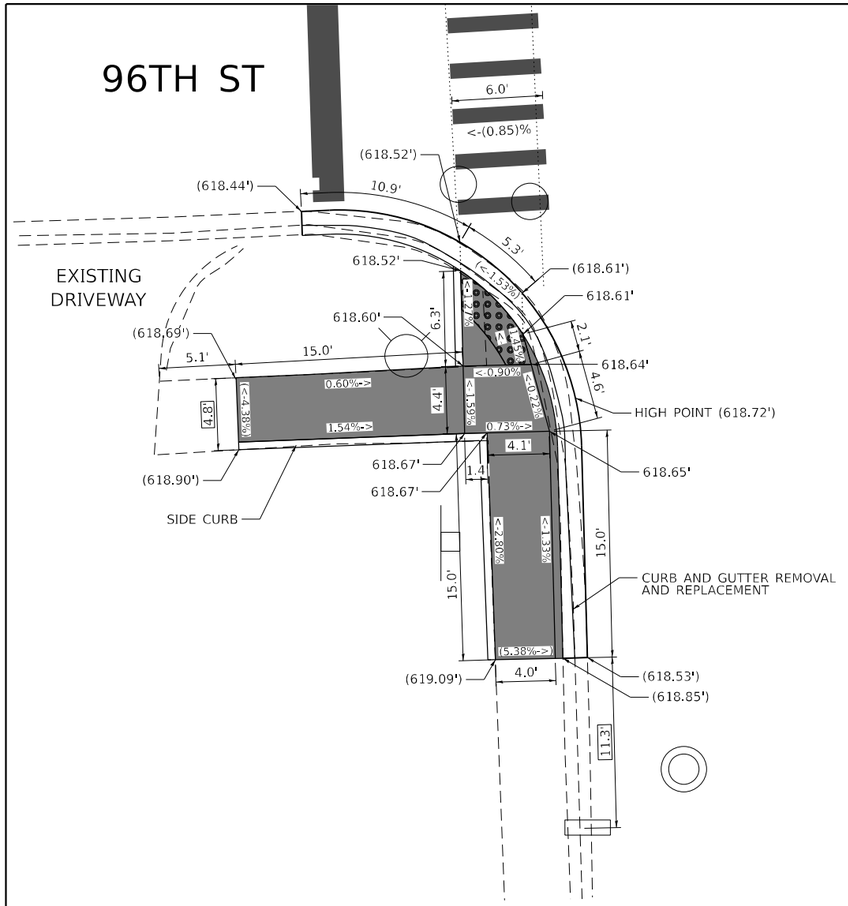
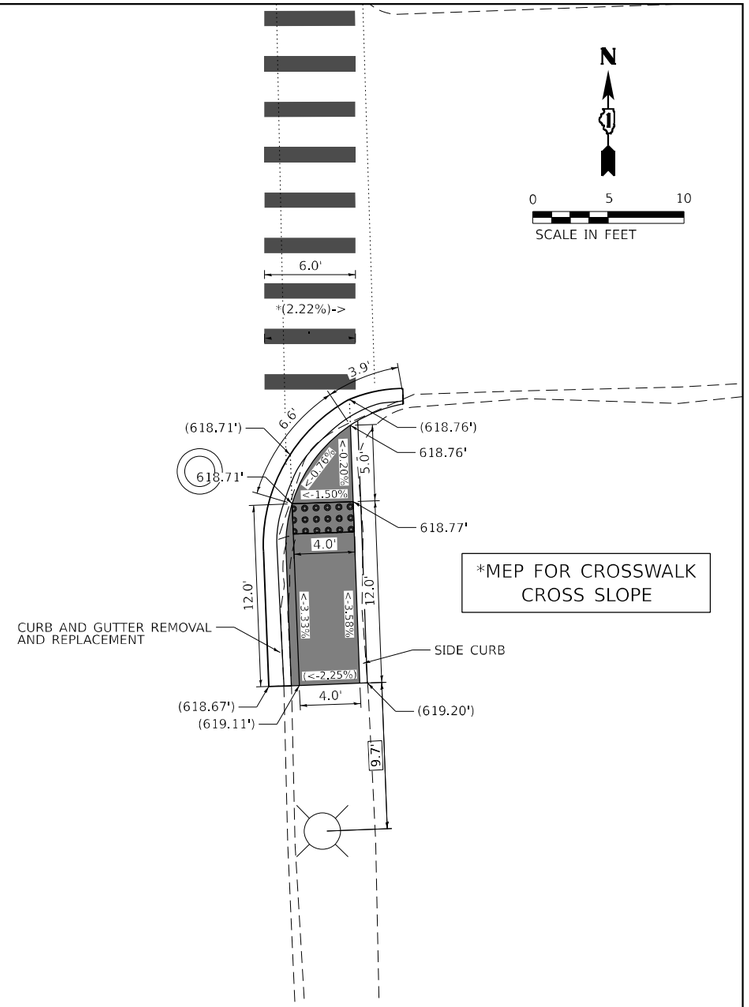


CICERO AVE



REFERENCE BENCHMARK: ELEV. 618.98

BENCHMARK: CONTROL POINT CUT CROSS ON WALK

LOCATION: 2.6 FEET SOUTH OF ROW CORNER AT NW CORNER OF US 50 (CICERO AVENUE) AND 96TH STREET

LEGEND

- PROPOSED DETECTABLE WARNINGS
- PROPOSED PCC SIDEWALK
- DEPRESSED CURB AND GUTTER
- PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
- PAVEMENT PATCHING
- ( ) EXISTING ELEVATION/SLOPE
- REMOVE AND REINSTALL BRICK PAVER
- XX.X' EXISTING LENGTH
- SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
- XX.X' PROPOSED LENGTH

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 96TH ST

SCALE: 1" = 10' | SHEET 67 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	90
		CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			

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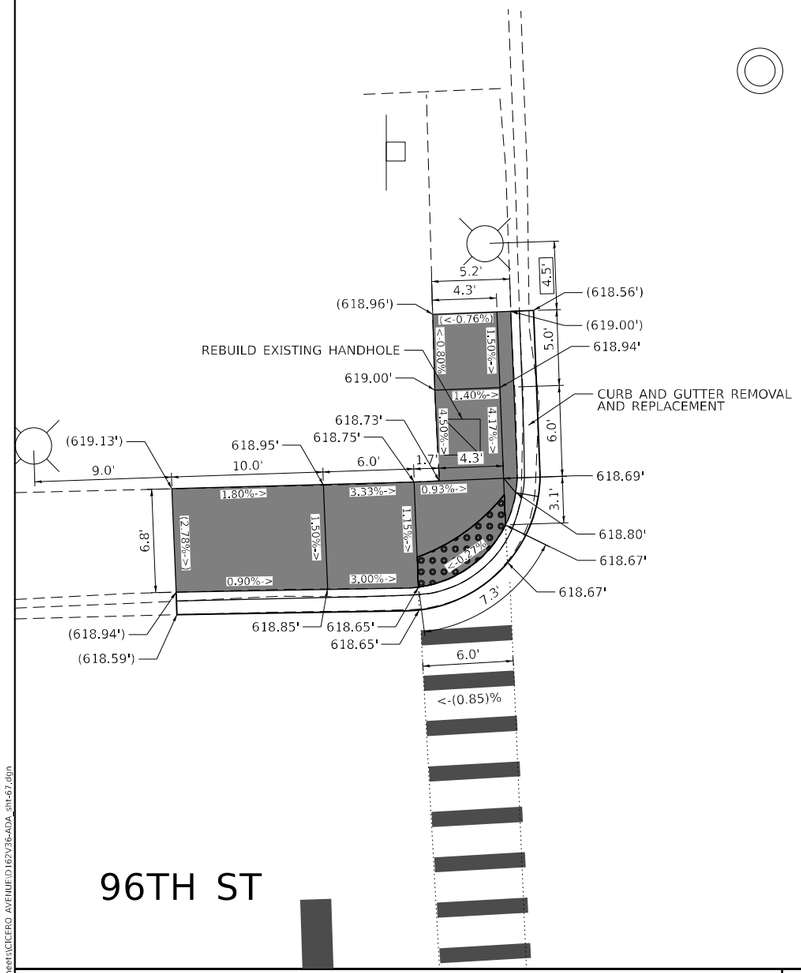
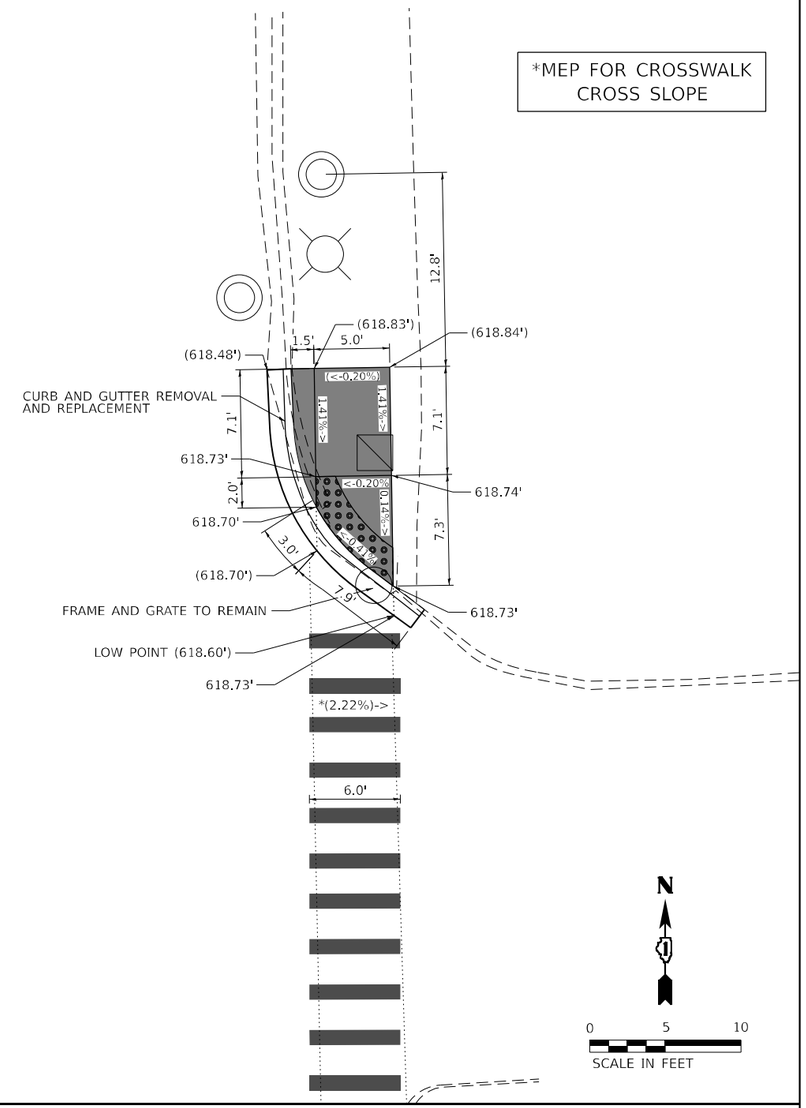
EXISTING
DRIVEWAY



CICERO AVE

*MEP FOR CROSSWALK
CROSS SLOPE



REFERENCE BENCHMARK: ELEV. 618.98

BENCHMARK: CONTROL POINT CUT CROSS ON WALK

LOCATION: 2.6 FEET SOUTH OF ROW CORNER AT NW CORNER OF US 50 (CICERO AVENUE)
AND 96TH STREET

LEGEND

- PROPOSED DETECTABLE WARNINGS
- PROPOSED PCC SIDEWALK
- DEPRESSED CURB AND GUTTER
- PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
- PAVEMENT PATCHING
- ( ) EXISTING ELEVATION/SLOPE
- REMOVE AND REINSTALL BRICK PAVER
- XX.X' EXISTING LENGTH
- SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
- XX.X' PROPOSED LENGTH

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 96TH ST

SCALE: 1" = 10' | SHEET 68 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	91
		CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			

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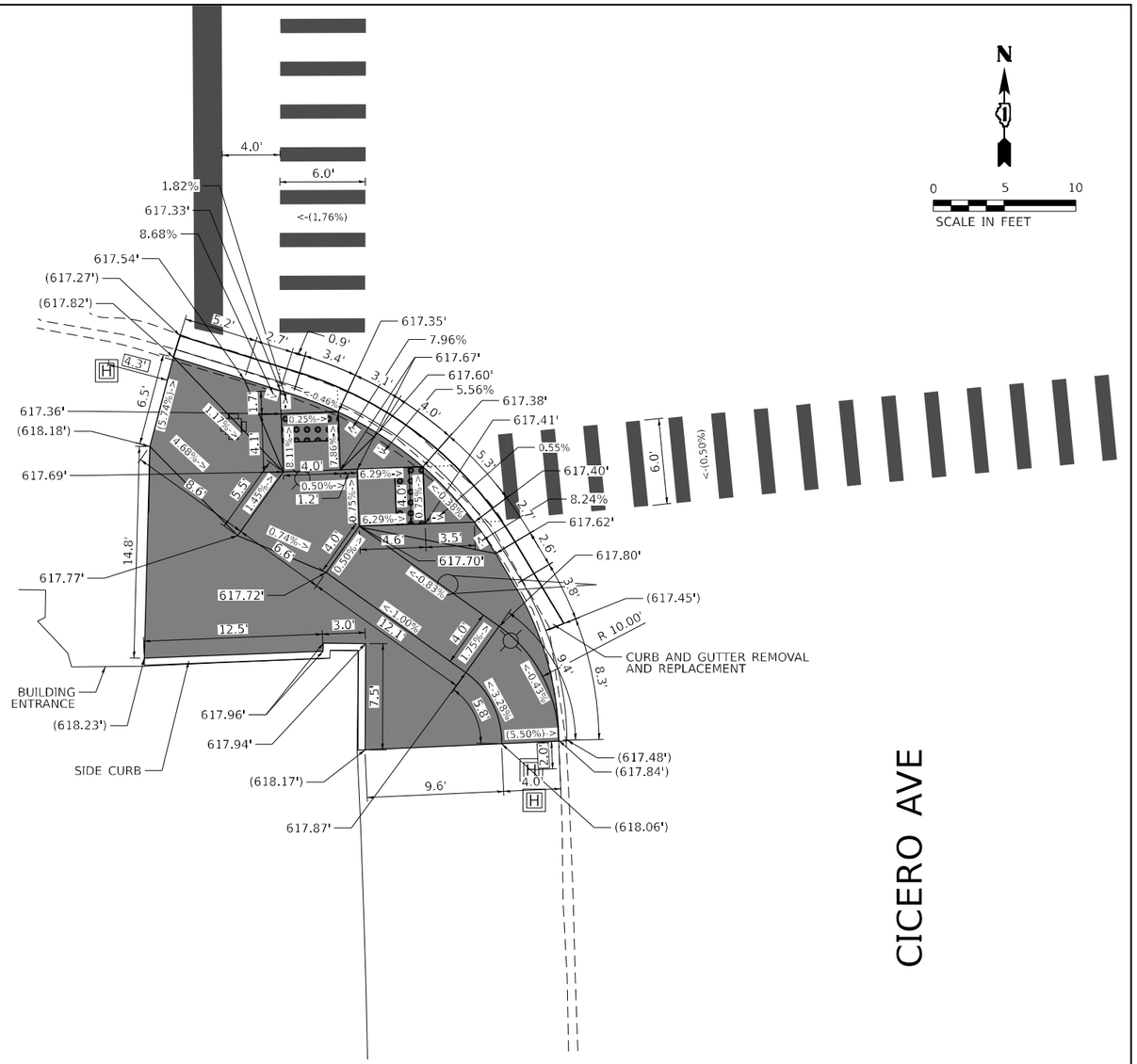
95TH ST



REFERENCE BENCHMARK: ELEV. 618.050

BENCHMARK: SET ON NW BOLT OF TRAFFIC SIGNAL MAST ARM BASE

LOCATION: SE CORNER OF 95TH ST AND CICERO AVE

LEGEND

- PROPOSED DETECTABLE WARNINGS
- DEPRESSED CURB AND GUTTER
- PAVEMENT PATCHING
- REMOVE AND REINSTALL BRICK PAVER
- SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
- PROPOSED PCC SIDEWALK
- PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
- ( ) EXISTING ELEVATION/SLOPE
- XX.X' EXISTING LENGTH
- XX.X' PROPOSED LENGTH

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PLOT DATE = 1/27/2025	DATE - 1/27/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 95TH ST

SCALE: 1" = 10' | SHEET 69 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	92
		CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			

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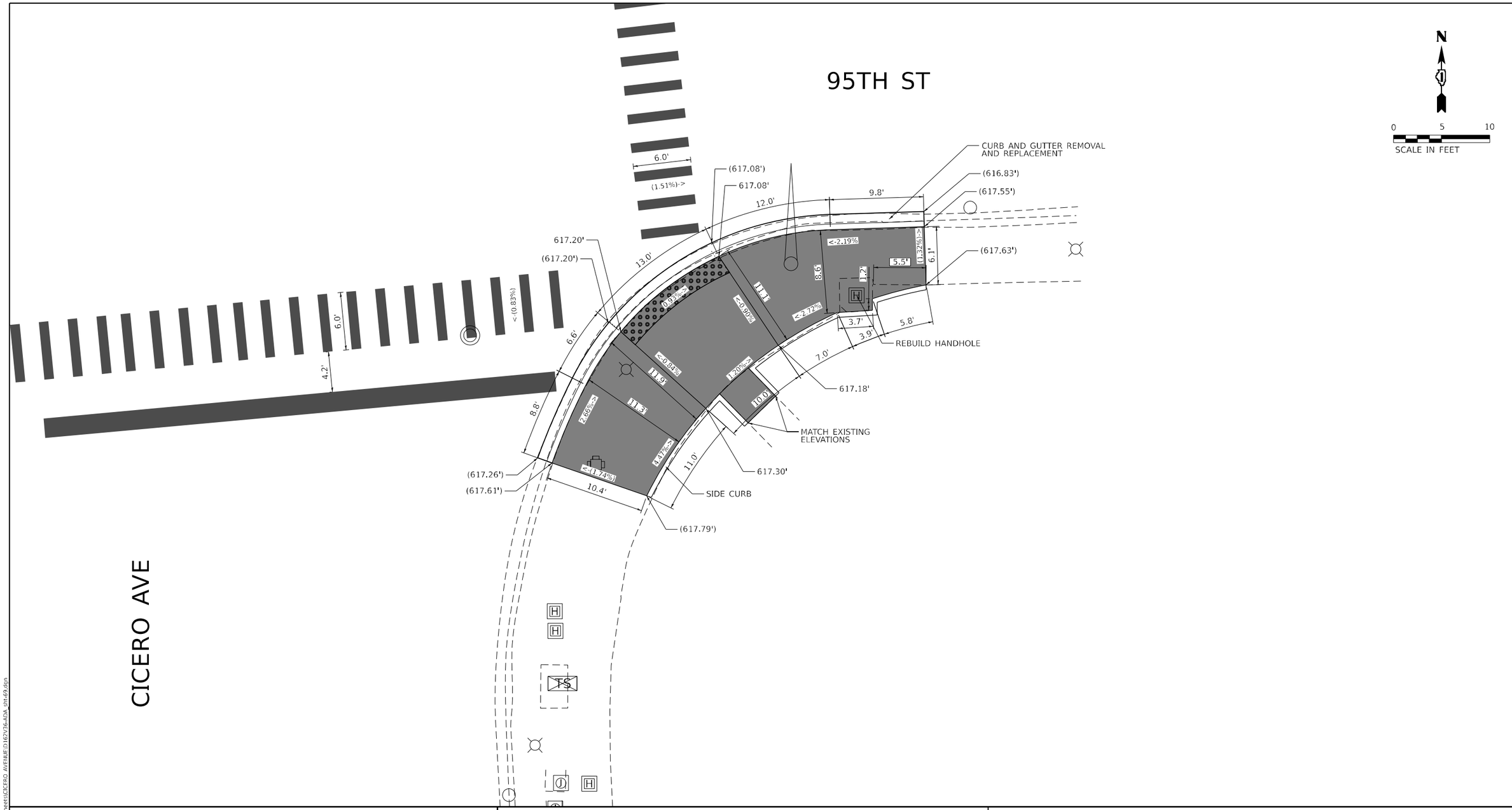

REFERENCE BENCHMARK: ELEV. 618.050

BENCHMARK: SET ON NW BOLT OF TRAFFIC SIGNAL MAST ARM BASE

LOCATION: SE CORNER OF 95TH ST AND CICERO AVE

LEGEND

- PROPOSED DETECTABLE WARNINGS
- DEPRESSED CURB AND GUTTER
- PAVEMENT PATCHING
- REMOVE AND REINSTALL BRICK PAVER
- SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
- PROPOSED PCC SIDEWALK
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- ( ) EXISTING ELEVATION/SLOPE
- XX.X' EXISTING LENGTH
- XX.X' PROPOSED LENGTH

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PLOT DATE = 1/27/2025	DATE - 1/27/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 95TH ST

SCALE: 1" = 10' | SHEET 70 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	93
		CONTRACT NO. 62V36		
	ILLINOIS	FED. AID PROJECT		

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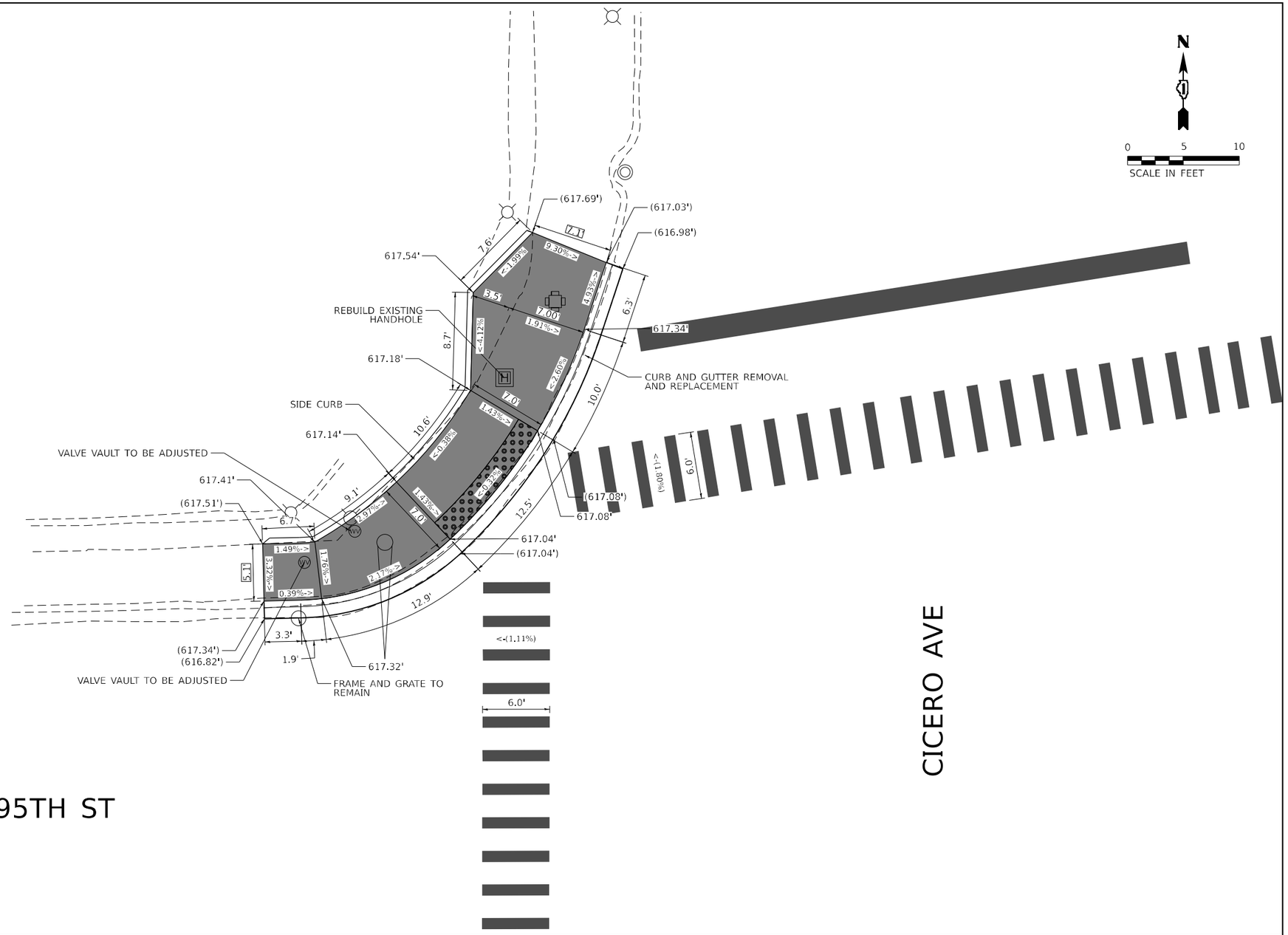

REFERENCE BENCHMARK: ELEV. 618.050

BENCHMARK: SET ON NW BOLT OF TRAFFIC SIGNAL MAST ARM BASE

LOCATION: SE CORNER OF 95TH ST AND CICERO AVE

LEGEND

PROPOSED DETECTABLE WARNINGS	PROPOSED PCC SIDEWALK
DEPRESSED CURB AND GUTTER	PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
PAVEMENT PATCHING	( ) EXISTING ELEVATION/SLOPE
REMOVE AND REINSTALL BRICK PAVER	XX.X' EXISTING LENGTH
SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD	XX.X' PROPOSED LENGTH

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 95TH ST

SCALE: 1" = 10' | SHEET 71 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	94
		CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			

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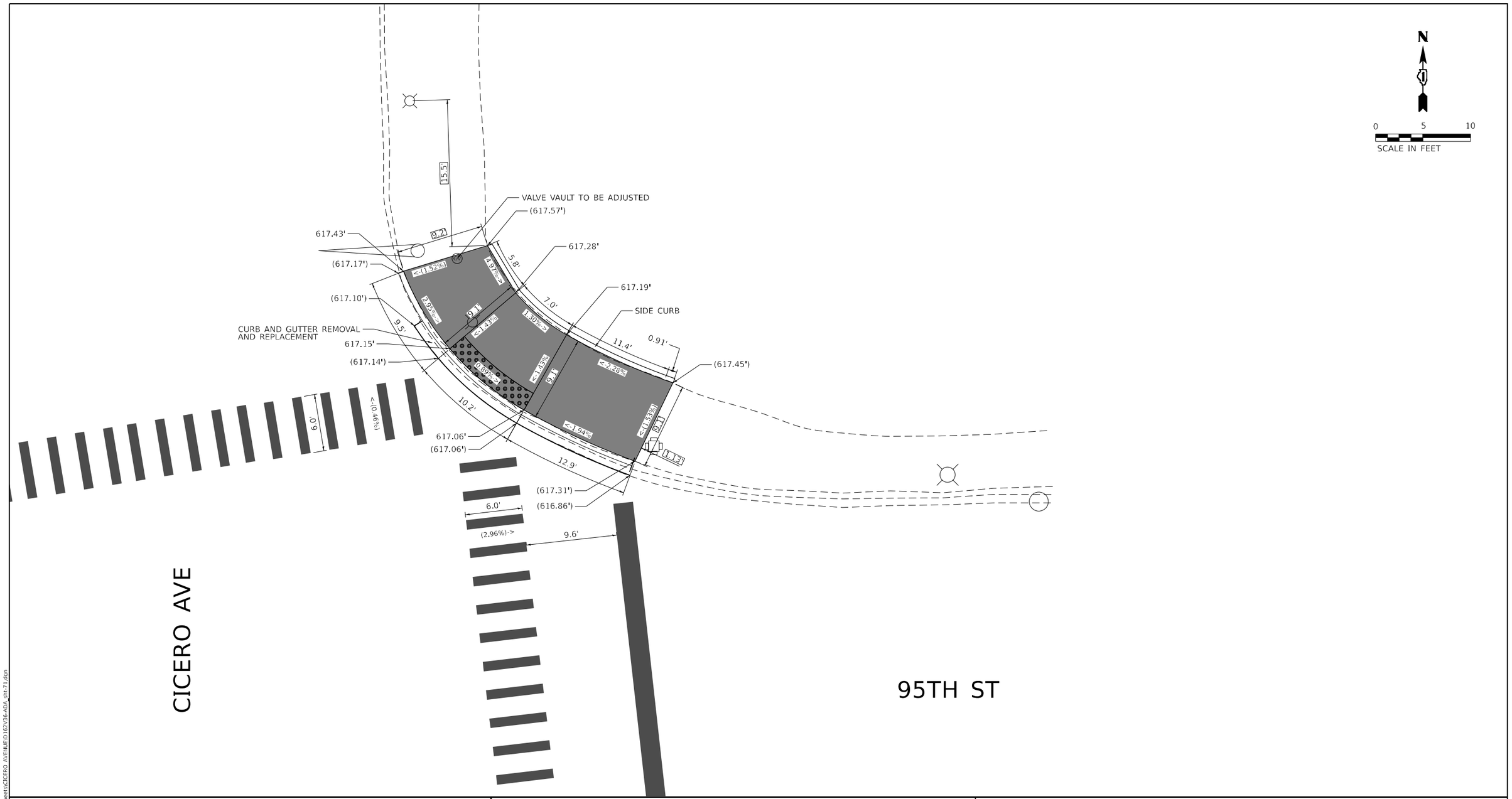

REFERENCE BENCHMARK: ELEV. 618.050

BENCHMARK: SET ON NW BOLT OF TRAFFIC SIGNAL MAST ARM BASE

LOCATION: SE CORNER OF 95TH ST AND CICERO AVE

LEGEND

- PROPOSED DETECTABLE WARNINGS
- DEPRESSED CURB AND GUTTER
- PAVEMENT PATCHING
- REMOVE AND REINSTALL BRICK PAVER
- SIDEWALK REMOVAL REPLACE WITH TOPSOIL & SOD
- PROPOSED PCC SIDEWALK
- PROPOSED COMBINATION CONCRETE CURB & GUTTER OR CURB TYPE B
- ( ) EXISTING ELEVATION/SLOPE
- XX.X' EXISTING LENGTH
- XX.X' PROPOSED LENGTH

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA CURB RAMP IMPROVEMENT PLAN
CICERO AVE AT 95TH ST

SCALE: 1" = 10' | SHEET 72 OF 72 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	95
		CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			

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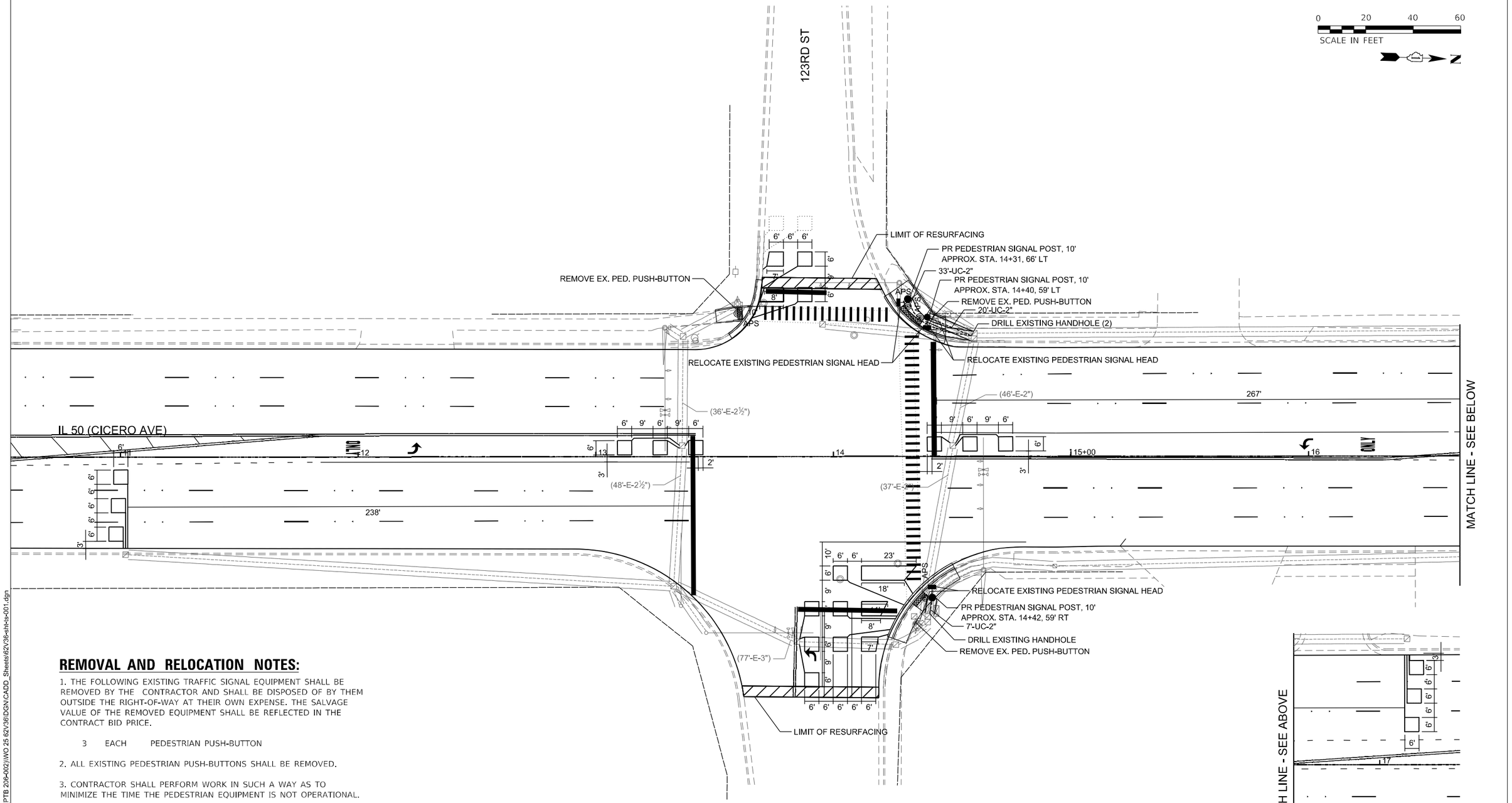

REMOVAL AND RELOCATION NOTES:

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

3	EACH	PEDESTRIAN PUSH-BUTTON

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

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

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

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

TS 2560
ECONOLITE

MODEL: Default
FILE NAME: P:\P-22\22-4675-00 IDOT Various Phase 2 (PTB 209-002)\WO 25 62V36\DGN\CADD_Sheets\62V36-sht-ts-001.dgn

INFRASTRUCTURE ENGINEERING | INCORPORATED
One South Wacker Drive | Suite 2650 | Chicago, IL 60606
P 312.425.9500 | F 312.425.9564 | www.infrastructureeng.com

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	CHECKED - ACL	REVISED -	
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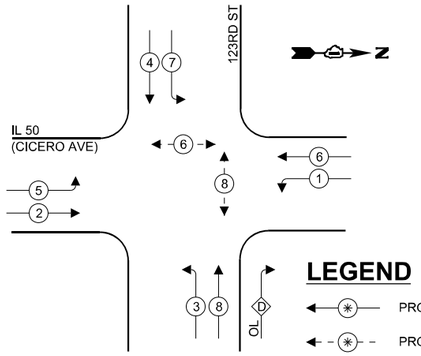
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL INSTALLATION PLAN
IL 50 (CICERO AVE) & 123RD ST

SCALE: 1" = 20' | SHEET 1 OF 24 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	96
		CONTRACT NO. 62V36		
		ILLINOIS	FED. AID PROJECT	

EX & PR CONTROLLER SEQUENCE



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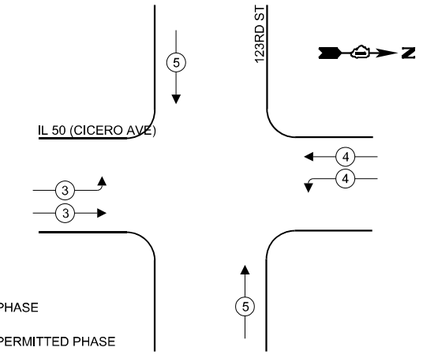


LEGEND

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

RIGHT TURN OVERLAP PHASE DESIGNATION

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
D	= 8	+ 1

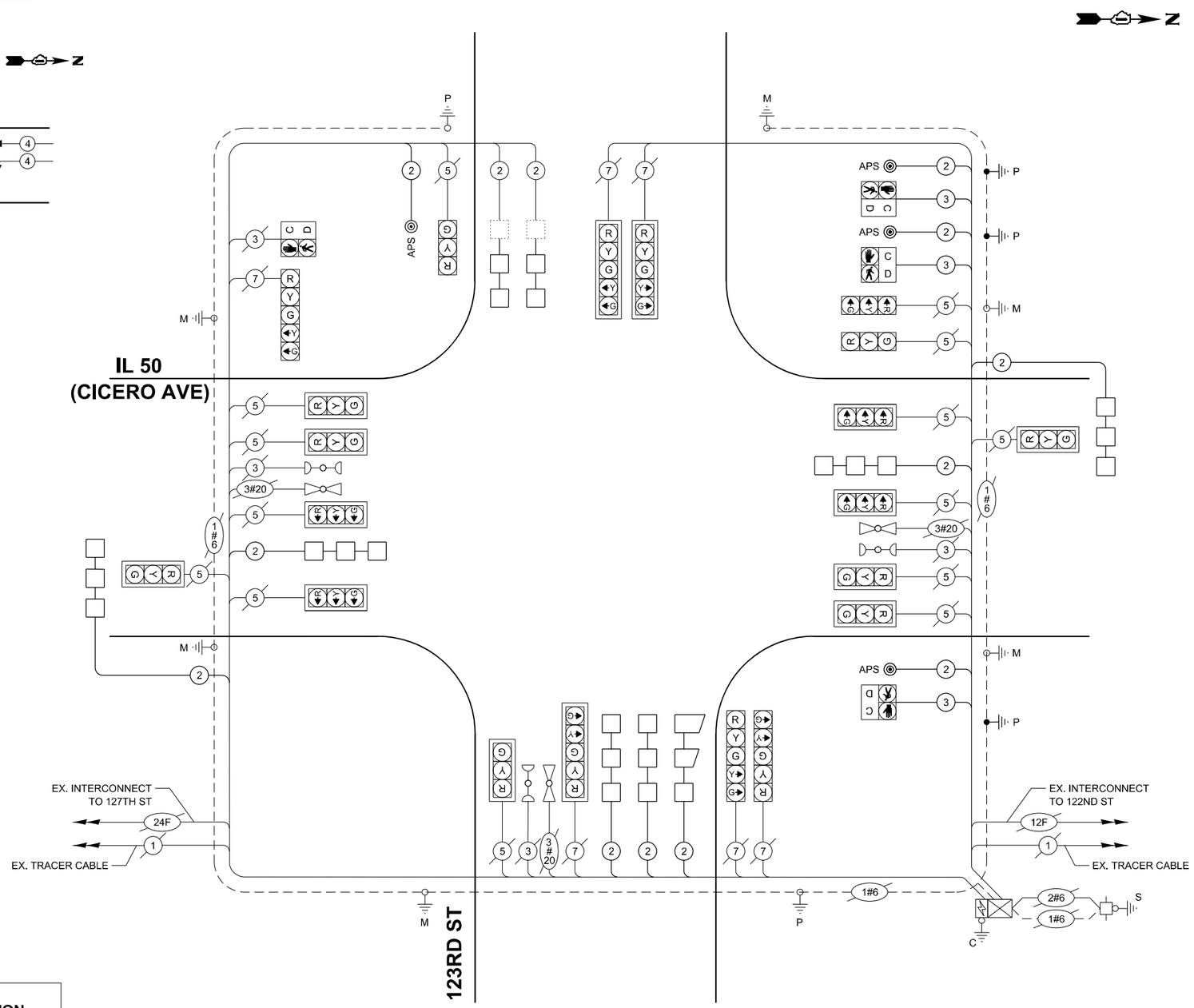
SCHEDULE OF QUANTITIES

DESCRIPTION	UNIT	TOTAL
ROD AND CLEAN EXISTING CONDUIT	FOOT	686
PEDESTRIAN SIGNAL POST, 10 FT.	EACH	3
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	62
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	748
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	457
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	30
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	4
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	12
DRILL EXISTING HANDHOLE	EACH	3
DETECTOR LOOP REPLACEMENT	FOOT	949
RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	3
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
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	14	11	154
4-SECTION	-	14	-
5-SECTION	6	13	78
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL	4	15	60
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION RADAR OR VIDEO	-	20	-
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	467
TOTAL UPS SIZING			-
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			1072

ENERGY COSTS TO:
ILLINOIS DEPARTMENT OF TRANSPORTATION
201 W. CENTER CT,
SCHAUMBURG, IL 60196
ENERGY SUPPLY:
CONTACT: ILYAS MOHIUDDIN
PHONE: (708) 235-2692
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER:
METER NUMBER:



CABLE PLAN
(NOT TO SCALE)

TS 2560
ECONOLITE

MODEL: Default
FILE NAME: P:\P-22\22-4675-00 IDOT Various Phase 2 (PTB 206-002)\WO 25 62V36\DGN\CADD Sheets\62V36-sht-ts-002.dgn

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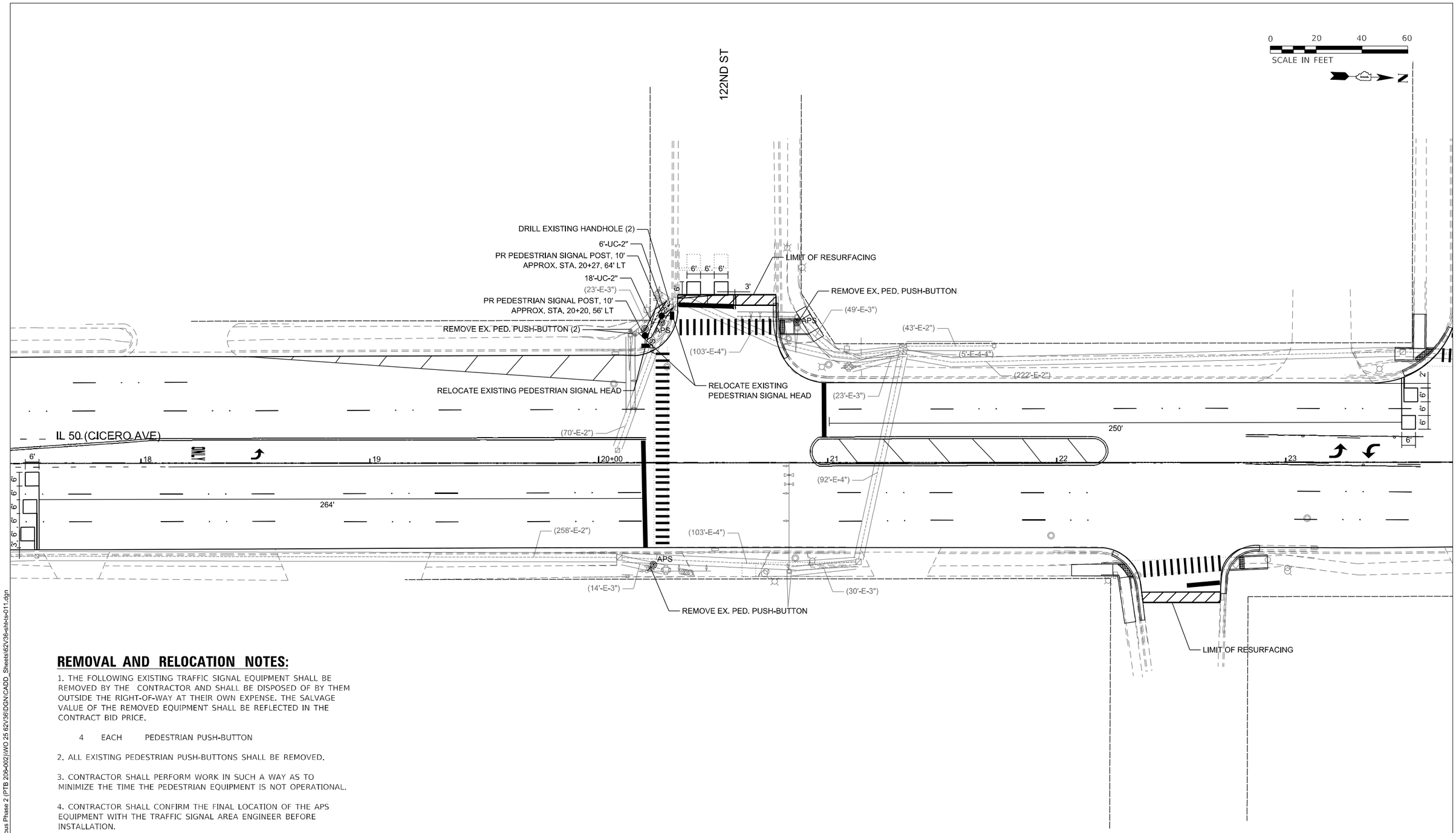
	DRAWN - NFO	REVISED -	
	CHECKED - ACL	REVISED -	
PLOT DATE = 1/27/2025	DATE - 01/27/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOQ, CABLE PLAN, PHASE DIAGRAM
IL 50 (CICERO AVE) & 123RD ST
SCALE: NTS | SHEET 2 OF 24 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	97
		CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			



REMOVAL AND RELOCATION NOTES:

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

4	EACH	PEDESTRIAN PUSH-BUTTON

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

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

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

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

TS 2555
ECON 143

MODEL: Default
FILE NAME: P:\P-22022-4675-00 IDOT Various Phase 2 (PTB 206-002)\WO 25 62V36\DGN\CADD Sheets\62V36-sht-ts-011.dgn

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PLOT DATE = 1/27/2025	DATE - 01/27/2025	REVISED -	

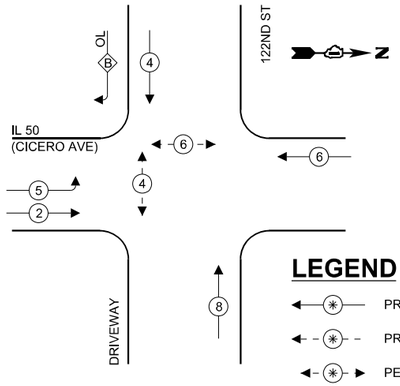
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL INSTALLATION PLAN
IL 50 (CICERO AVE) & 122ND ST

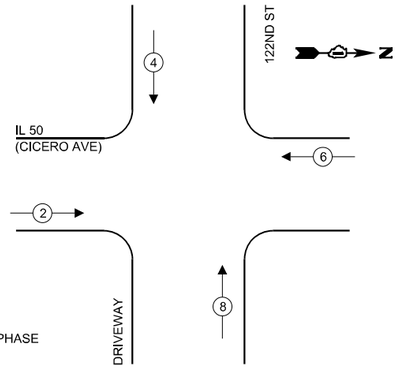
SCALE: 1" = 20' | SHEET 3 OF 24 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	98
		CONTRACT NO. 62V36		
		ILLINOIS	FED. AID PROJECT	

EX & PR CONTROLLER SEQUENCE



EX & PR EMERGENCY VEHICLE PREMPTION SEQUENCE



LEGEND

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

RIGHT TURN OVERLAP PHASE DESIGNATION

OVERLAP LETTER		PERMISSIVE PHASE		PROTECTED PHASE
B	=	4	+	5

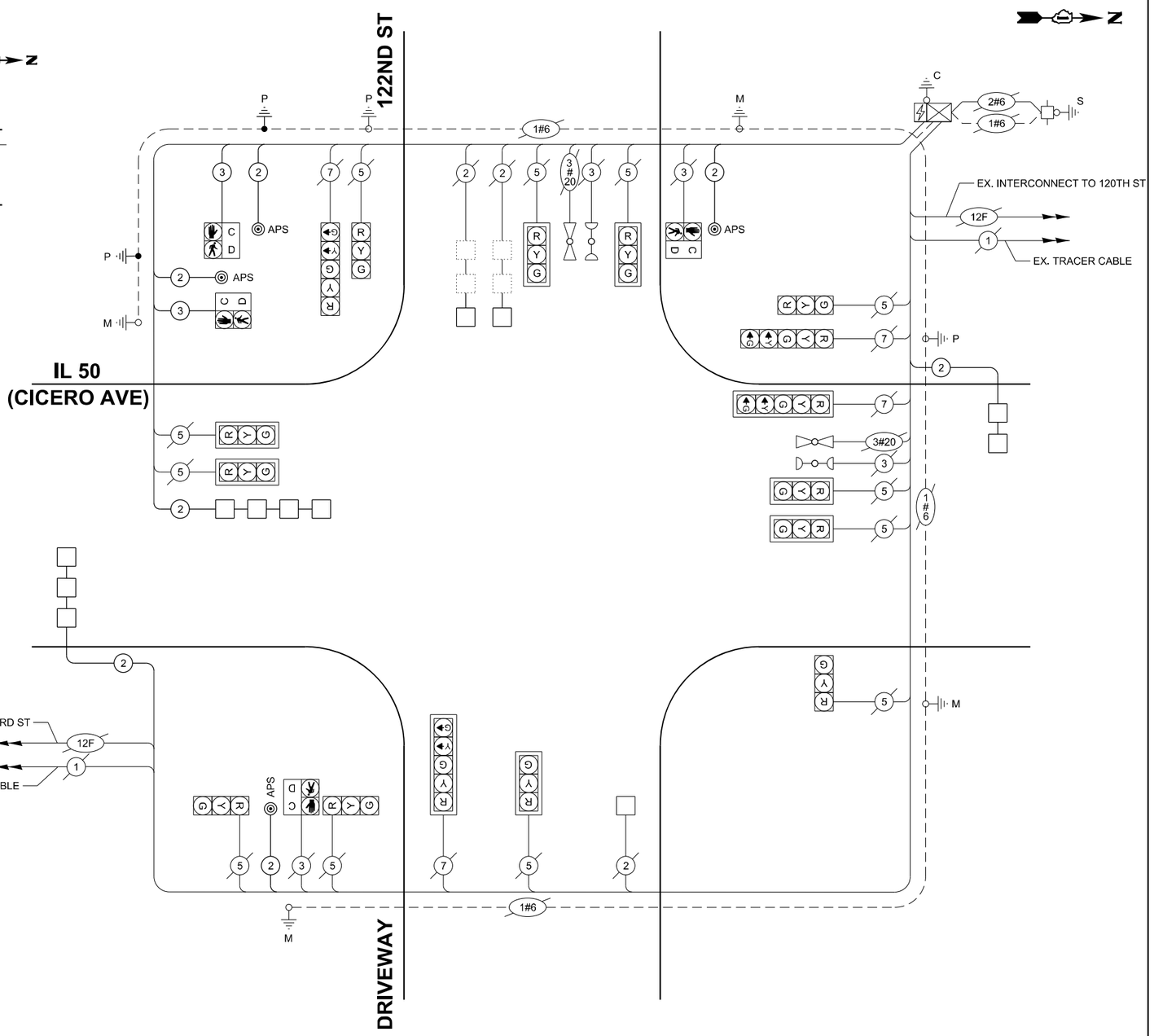
SCHEDULE OF QUANTITIES

DESCRIPTION	UNIT	TOTAL
ROD AND CLEAN EXISTING CONDUIT	FOOT	619
PEDESTRIAN SIGNAL POST, 10 FT.	EACH	2
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	25
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	644
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	324
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	20
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	4
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	8
DRILL EXISTING HANDHOLE	EACH	2
DETECTOR LOOP REPLACEMENT	FOOT	257
RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	2
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

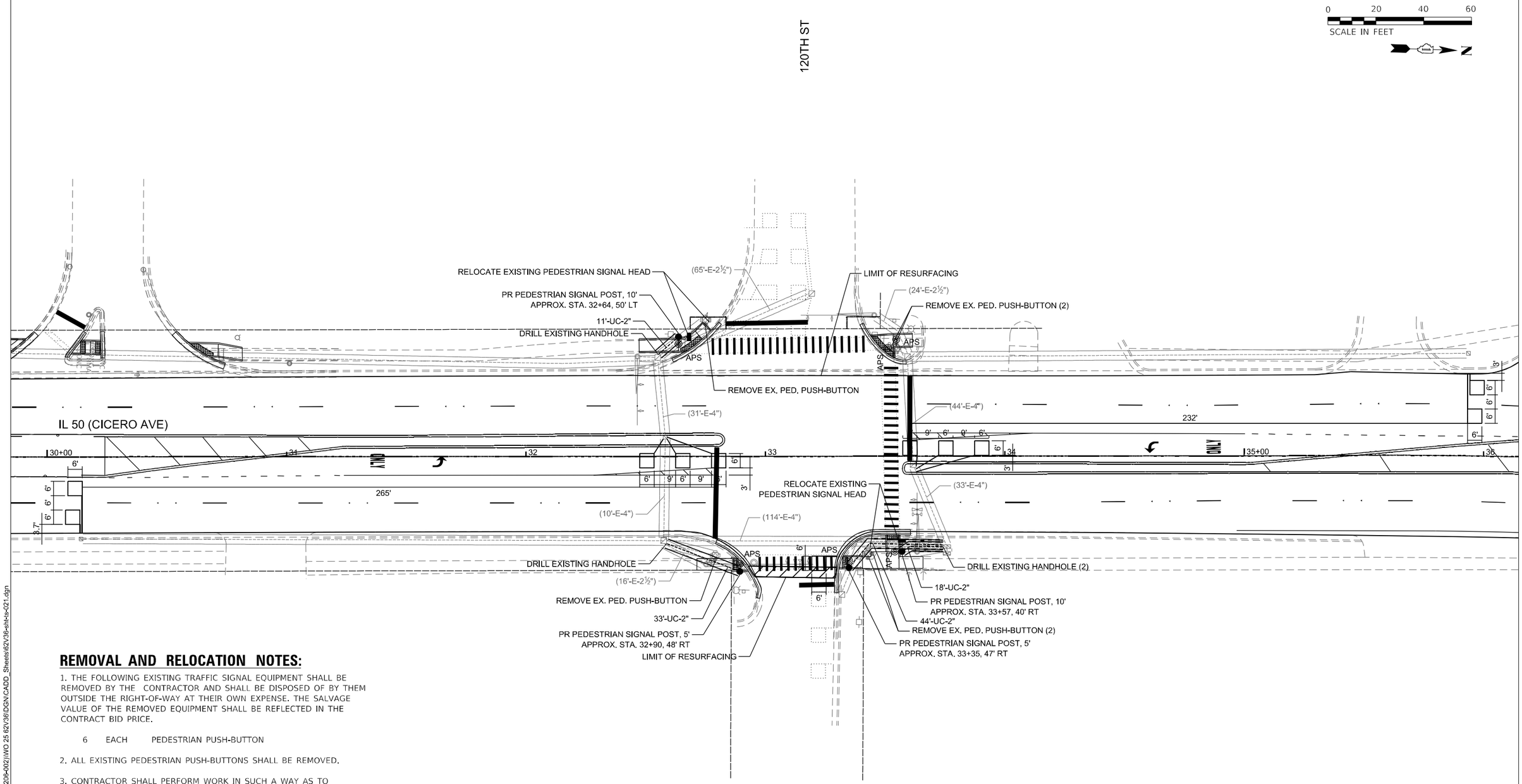
EQUIPMENT TYPE		QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD	1 OR 3-SECTION	12	11	132
	4-SECTION	-	14	-
	5-SECTION	4	13	52
PROGRAMMABLE	3-SECTION	-	22	-
	4-SECTION	-	32	-
	5-SECTION	-	28	-
PEDESTRIAN SIGNAL		4	15	60
CONTROLLER		1	150	150
MASTER CONTROLLER		-	100	-
UPS		1	25	25
DETECTION	RADAR OR VIDEO	-	20	-
BLANK-OUT SIGN		-	25	-
NETWORK SWITCH	II OR III	-	35	-
CELLULAR MODEM		-	15	-
		TOTAL UPS SIZING		419
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		1024

ENERGY COSTS TO:
VILLAGE OF ALSIP
4500 W. 123RD ST.,
ALSIP, IL 60803
ENERGY SUPPLY:
CONTACT: XXX XXXXX
PHONE: (XXX)-XXX-XXXX
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER:
METER NUMBER:



CABLE PLAN
(NOT TO SCALE)

TS 2555
ECON 143



REMOVAL AND RELOCATION NOTES:

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

   6 EACH PEDESTRIAN PUSH-BUTTON

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

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

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

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

TS 20495
ECONOLITE

MODEL: Default
FILE NAME: P:\P-22022-4675-00 IDOT Various Phase 2 (PTB 206-002)\WO 25 62V36\DGN\CADD Sheets\62V36-sht-ts-021.dgn

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	DRAWN - NFO	REVISED -	
	CHECKED - ACL	REVISED -	
PLOT DATE = 1/27/2025	DATE - 01/27/2025	REVISED -	

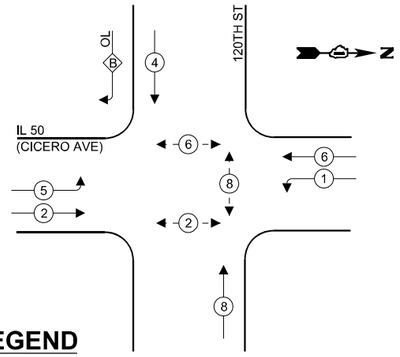
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL INSTALLATION PLAN
IL 50 (CICERO AVE) & 120TH ST

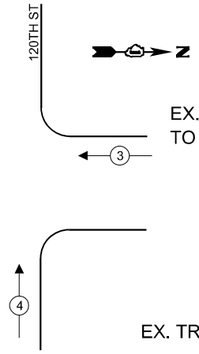
SCALE: 1" = 20' | SHEET 5 OF 24 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	100
		CONTRACT NO. 62V36		
		ILLINOIS	FED. AID PROJECT	

EX & PR CONTROLLER SEQUENCE



EX & PR EMERGENCY VEHICLE PREMPTION SEQUENCE

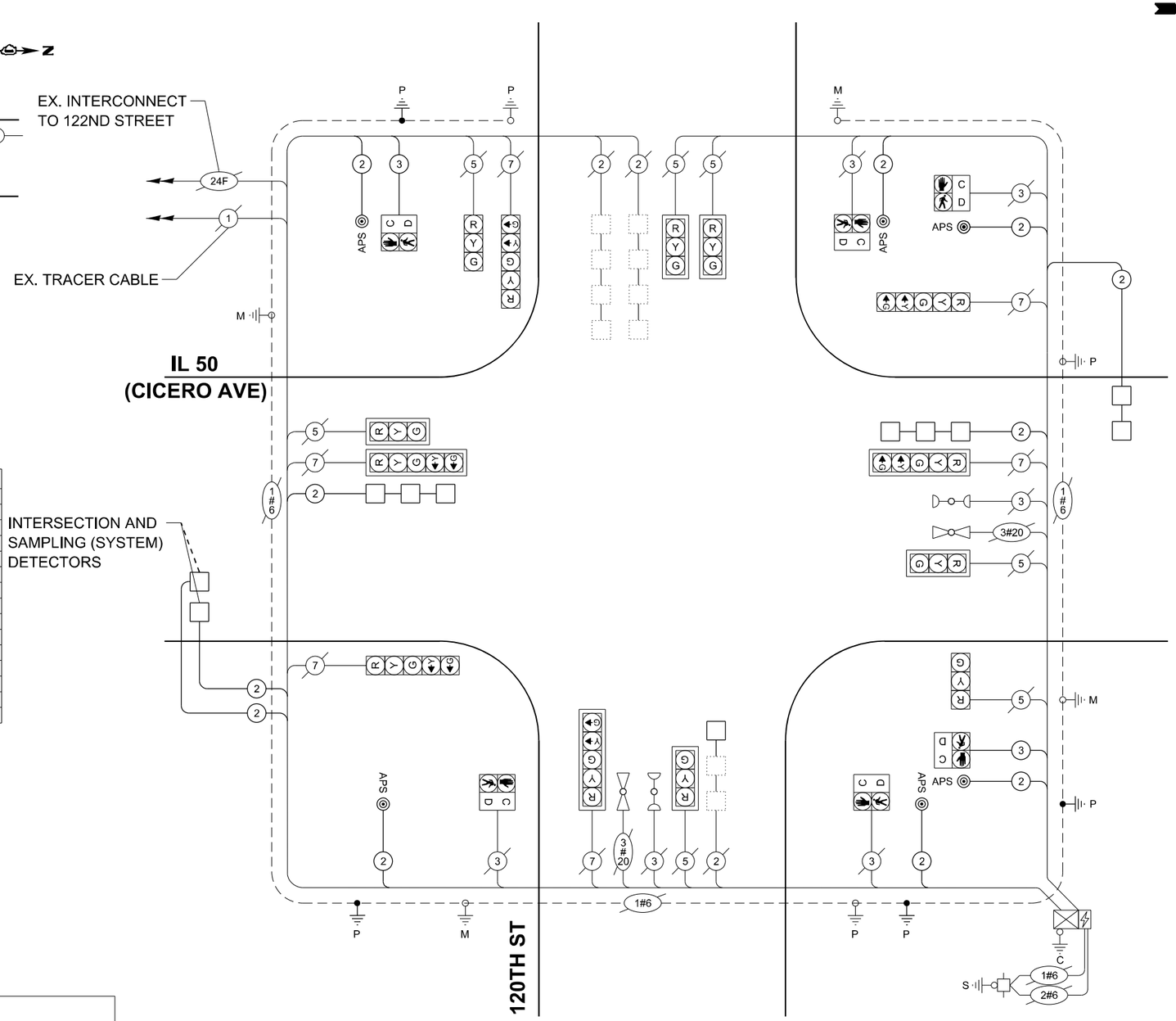


LEGEND

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

RIGHT TURN OVERLAP PHASE DESIGNATION

OVERLAP LETTER		PERMISSIVE PHASE		PROTECTED PHASE
B	=	4	+	5



CABLE PLAN

(NOT TO SCALE)

SCHEDULE OF QUANTITIES

DESCRIPTION	UNIT	TOTAL
ROD AND CLEAN EXISTING CONDUIT	FOOT	719
PEDESTRIAN SIGNAL POST, 10 FT.	EACH	2
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	2
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	107
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	826
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	317
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	40
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	6
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	16
DRILL EXISTING HANDHOLE	EACH	4
DETECTOR LOOP REPLACEMENT	FOOT	380
RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	2
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
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	7	11	77
	4-SECTION	-	14	-
	5-SECTION	6	13	78
PROGRAMMABLE	3-SECTION	-	22	-
	4-SECTION	-	32	-
	5-SECTION	-	28	-
PEDESTRIAN SIGNAL		6	15	90
CONTROLLER		1	150	150
MASTER CONTROLLER		-	100	-
UPS		1	25	25
DETECTION	RADAR OR VIDEO	-	20	-
BLANK-OUT SIGN		-	25	-
NETWORK SWITCH	II OR III	-	35	-
CELLULAR MODEM		-	15	-
	TOTAL UPS SIZING			420
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			1025

ENERGY COSTS TO:
VILLAGE OF ALSIP
4500 W. 123RD ST.,
ALSIP, IL 60803
ENERGY SUPPLY:
CONTACT: XXX XXXXX
PHONE: (XXX)-XXX-XXXX
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER:
METER NUMBER:

TS 20495
ECONOLITE

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One South Wacker Drive | Suite 2650 | Chicago, IL 60606
T 312.425.9580 | F 312.425.9581 | www.infrastructure-eng.com

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	CHECKED - ACL	REVISED -	
PLOT DATE = 1/27/2025	DATE - 01/27/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOQ, CABLE PLAN, PHASE DIAGRAM
IL 50 (CICERO AVE) & 120TH ST

SCALE: NTS | SHEET 6 OF 24 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	101
		CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			

MODEL: Default
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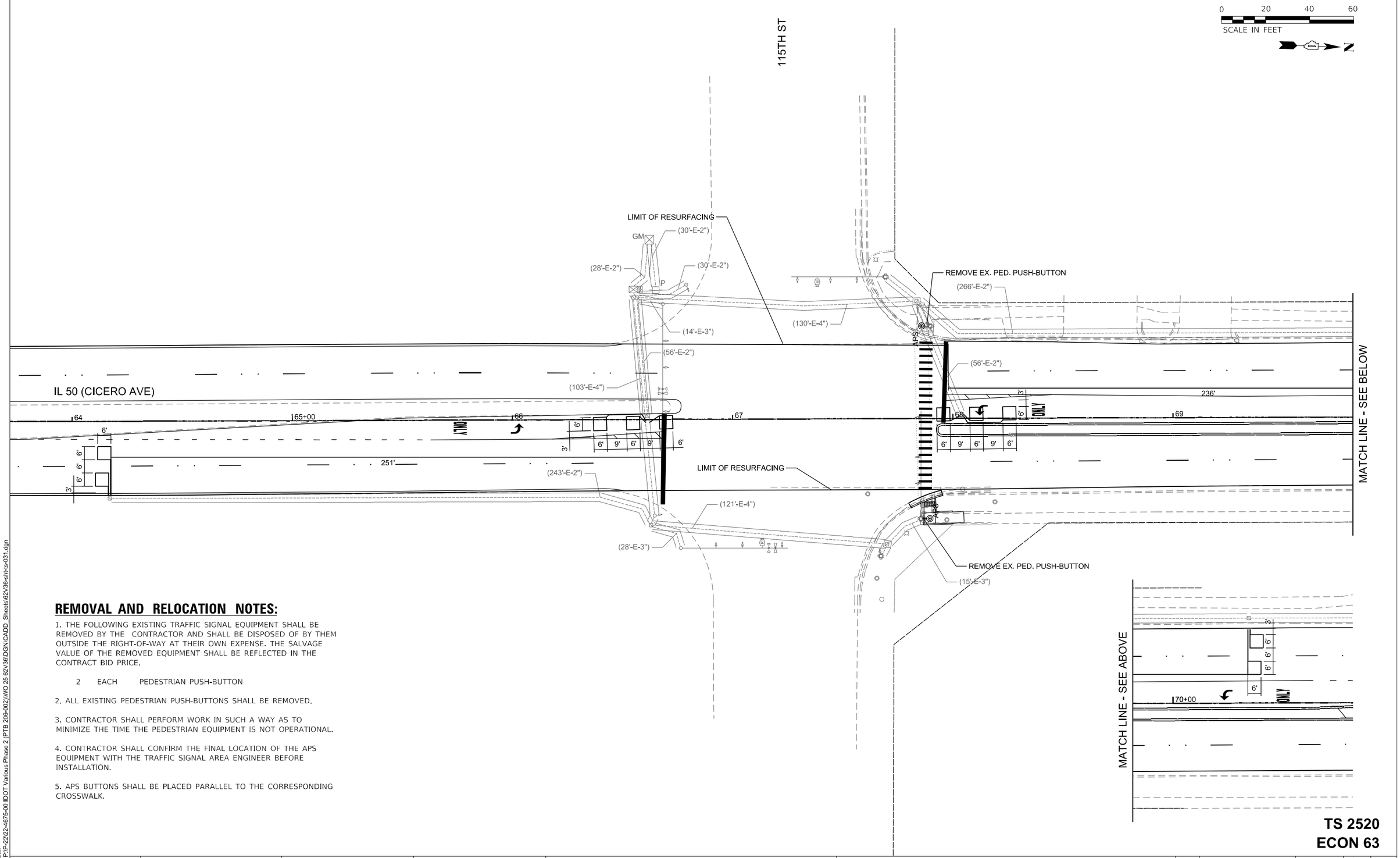

REMOVAL AND RELOCATION NOTES:

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

2	EACH	PEDESTRIAN PUSH-BUTTON

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

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

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

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

TS 2520
ECON 63

MODEL: Default
FILE NAME: P:\P-22\22-4675-00 IDOT Various Phase 2 (PTB 206-002)\WO 25 62V36\DGN\CADD_Sheets\62V36-ahts-t031.dgn

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	DRAWN - NFO	REVISED -	
	CHECKED - ACL	REVISED -	
PLOT DATE = 1/27/2025	DATE - 01/27/2025	REVISED -	

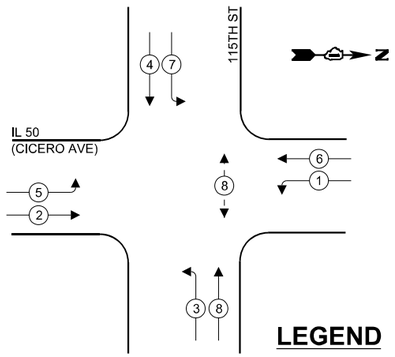
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL INSTALLATION PLAN
IL 50 (CICERO AVE) & 115TH ST

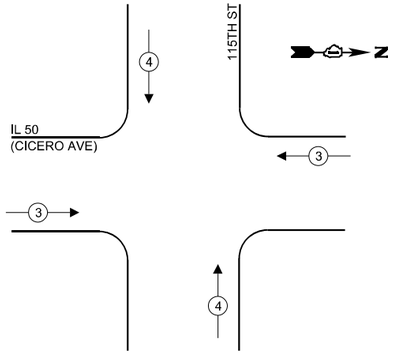
SCALE: 1" = 20' | SHEET 7 OF 24 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	102
		CONTRACT NO. 62V36		
		ILLINOIS	FED. AID PROJECT	

EX & PR CONTROLLER SEQUENCE



EX & PR EMERGENCY VEHICLE PREMPTION SEQUENCE



LEGEND

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

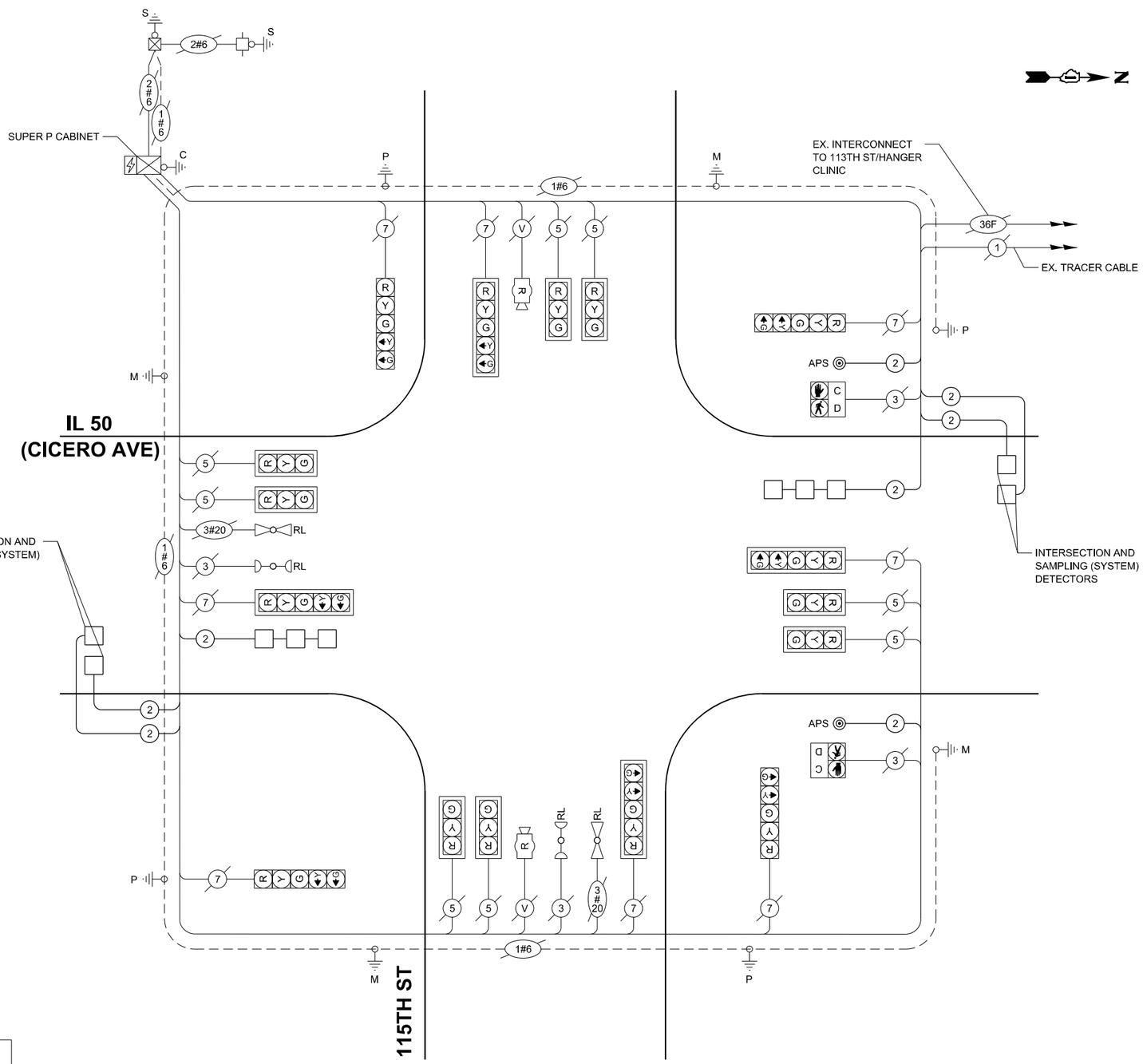
SCHEDULE OF QUANTITIES

DESCRIPTION	UNIT	TOTAL
ROD AND CLEAN EXISTING CONDUIT	FOOT	454
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	454
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	2
DETECTOR LOOP REPLACEMENT	FOOT	336
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
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	8	13	104
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	2	20	40
BLANK-OUT SIGN		-	25	-
NETWORK SWITCH	II OR III	-	35	-
CELLULAR MODEM		-	15	-
	TOTAL UPS SIZING			437
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			1042

ENERGY COSTS TO:
VILLAGE OF ALSIP
4500 W. 123RD ST.,
ALSIP, IL 60803
ENERGY SUPPLY:
CONTACT: XXX XXXXX
PHONE: (XXX)-XXX-XXXX
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER:
METER NUMBER:



CABLE PLAN
(NOT TO SCALE)

TS 2520
ECON 63

MODEL: Default
FILE NAME: P:\P-22\22-4675-00 IDOT Various Phase 2 (PTB 206-002)\WO 25 62V36\DGN\CADD Sheets\62V36-sht-ts-032.dgn

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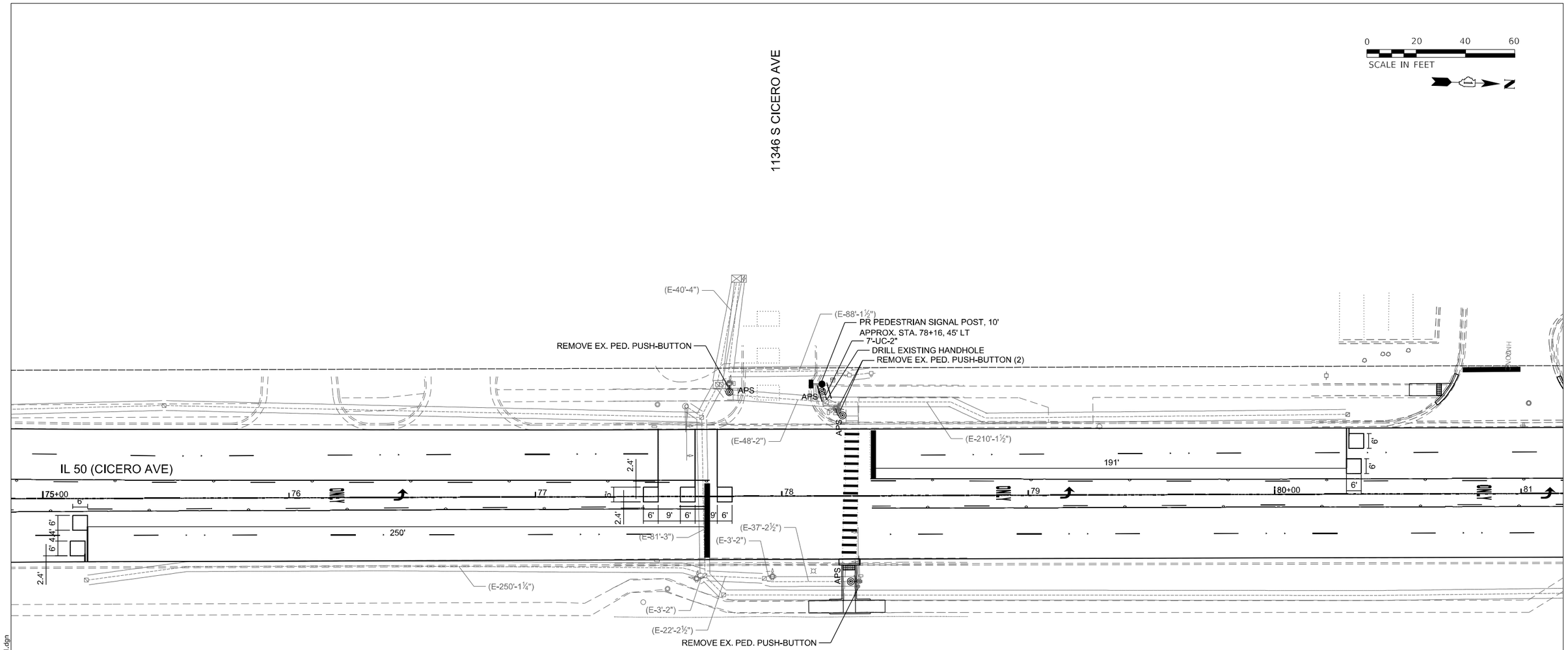
	DRAWN - NFO	REVISED -	
	CHECKED - ACL	REVISED -	
PLOT DATE = 1/27/2025	DATE - 01/27/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOQ, CABLE PLAN, PHASE DIAGRAM
IL 50 (CICERO AVE) & 115TH ST

SCALE: NTS | SHEET 8 OF 24 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	103
		CONTRACT NO. 62V36		
		ILLINOIS	FED. AID PROJECT	



REMOVAL AND RELOCATION NOTES:

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

2	EACH	PEDESTRIAN PUSH-BUTTON

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

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

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

TS 2515
ECONOLITE

MODEL: Default
FILE NAME: P:\P-22\22-4675-00 IDOT Various Phase 2 (PTB 205-002)\WO 25 62V36\DGN\CADD Sheets\62V36-sht-ts-041.dgn

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	CHECKED - ACL	REVISED -	
PLOT DATE = 1/27/2025	DATE - 01/27/2025	REVISED -	

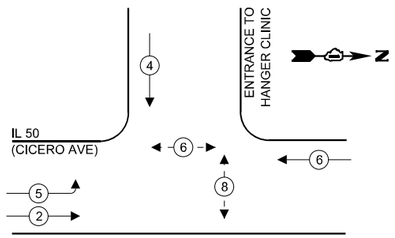
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL INSTALLATION PLAN
IL 50 (CICERO AVE) - 11346 S CICERO AVE

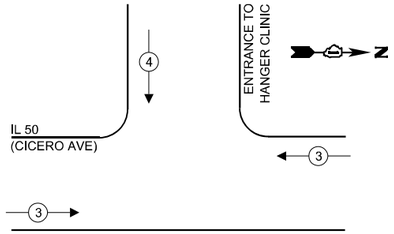
SCALE: 1" = 20' | SHEET 9 OF 24 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	104
		CONTRACT NO. 62V36		
		ILLINOIS	FED. AID PROJECT	

EX & PR CONTROLLER SEQUENCE



EX & PR EMERGENCY VEHICLE PREMPTION SEQUENCE



LEGEND

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

SCHEDULE OF QUANTITIES

DESCRIPTION	UNIT	TOTAL
ROD AND CLEAN EXISTING CONDUIT	FOOT	555
PEDESTRIAN SIGNAL POST, 10 FT.	EACH	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	7
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	562
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	137
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	10
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	4
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	4
DRILL EXISTING HANDHOLE	EACH	1
DETECTOR LOOP REPLACEMENT	FOOT	276
RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

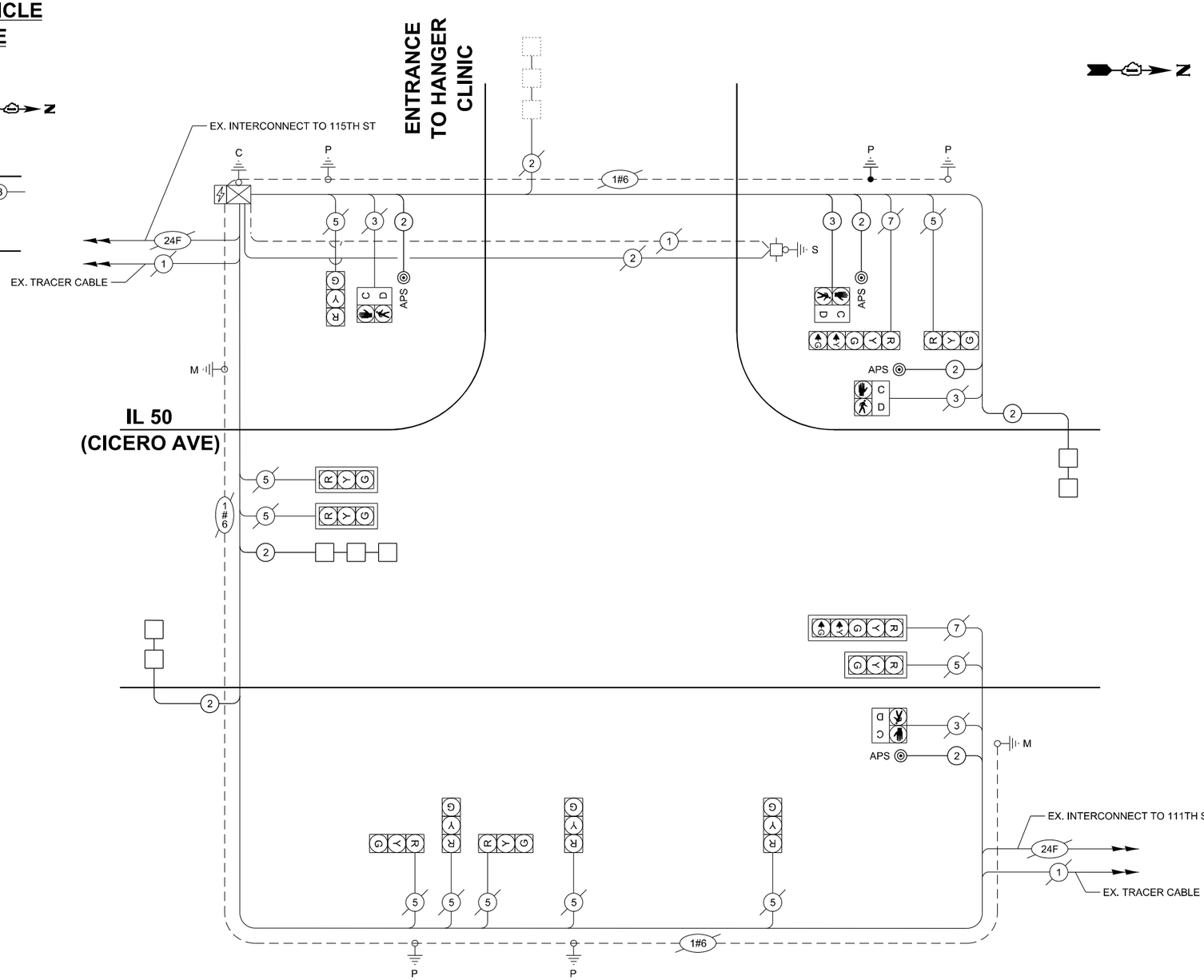
EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	10	11	110
4-SECTION	-	14	-
5-SECTION	2	13	26
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL	4	15	60
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION RADAR OR VIDEO	-	20	-
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING			371
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			976

ENERGY COSTS TO:
ILLINOIS DEPARTMENT OF TRANSPORTATION

201 W. CENTER CT,
SCHAUMBURG, IL 60196

ENERGY SUPPLY:

CONTACT: ILYAS MOHIUDDIN
PHONE: (708) 235-2692
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER:
METER NUMBER:



CABLE PLAN
(NOT TO SCALE)

TS 2515
ECONOLITE

INFRASTRUCTURE ENGINEERING | INCORPORATED
One South Wacker Drive | Suite 2650 | Chicago, IL 60606
P 312.425.9500 | F 312.425.9504 | www.infrastructure-eng.com

USER NAME = ALane	DESIGNED - NFO	REVISED -	
	DRAWN - NFO	REVISED -	
	CHECKED - ACL	REVISED -	
PLOT DATE = 1/27/2025	DATE - 01/27/2025	REVISED -	

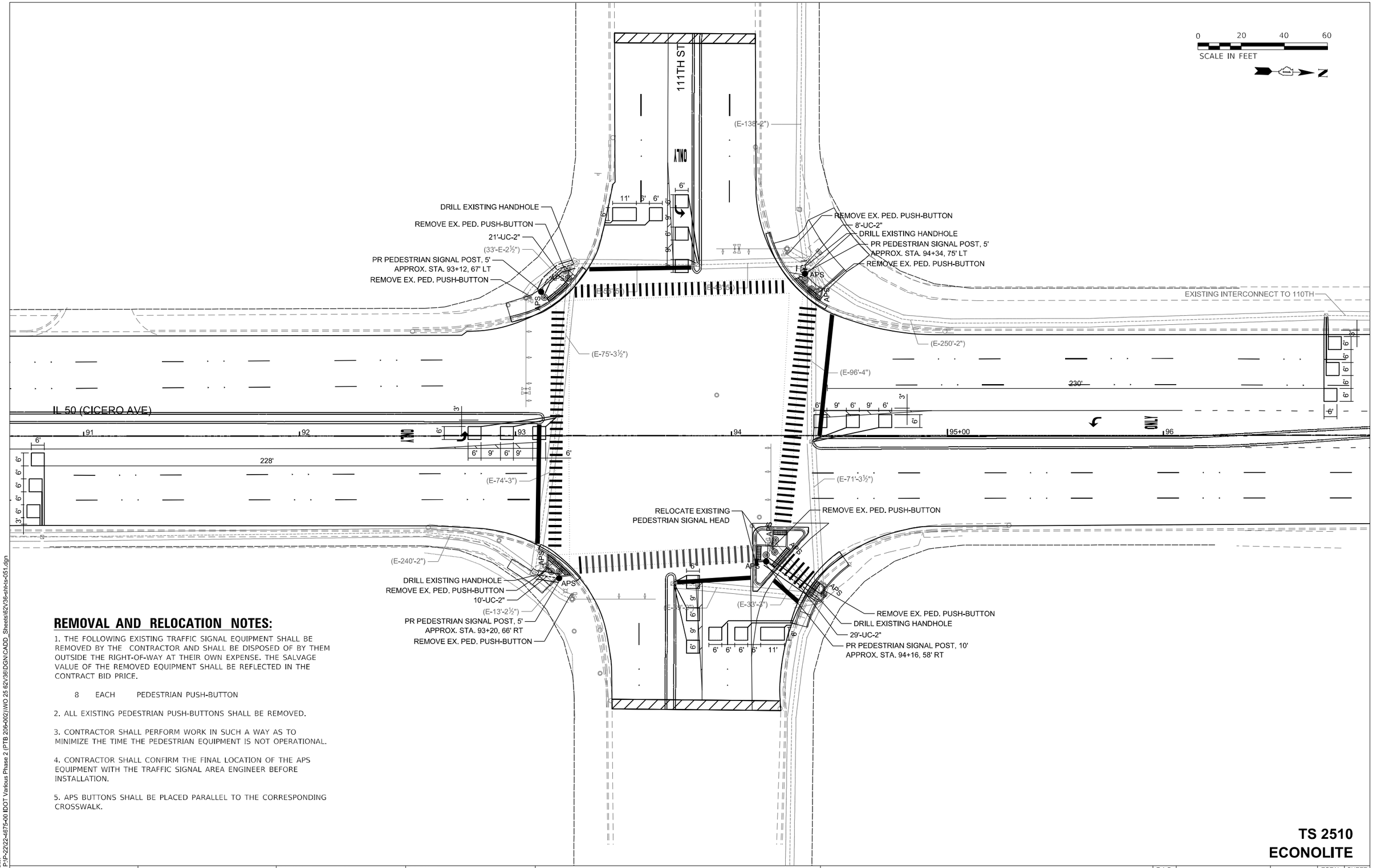
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOQ, CABLE PLAN, PHASE DIAGRAM
IL 50 (CICERO AVE) - 11346 S CICERO AVE

SCALE: NTS | SHEET 10 OF 24 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	105
		CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			

MODEL: Default
FILE NAME: P:\P-22\22-4675-00 IDOT Various Phase 2 (PTB 206-002)\WO 25 62V36\DGN\CADD Sheets\62V36-sht-ts-042.dgn



REMOVAL AND RELOCATION NOTES:

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

8	EACH	PEDESTRIAN PUSH-BUTTON

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

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

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

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

TS 2510
ECONOLITE

MODEL: Default
FILE NAME: P:\P-22022-4675-00 IDOT Various Phase 2 (PTB 208-002)\WO 25 62V36\DGN\CADD_Sheets\62V36-sht-ts-051.dgn

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One South Wacker Drive | Suite 2650 | Chicago, IL 60606
P 312.425.9580 | F 312.425.9584 | www.infrastructure-eng.com

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	DRAWN - NFO	REVISED -	
	CHECKED - ACL	REVISED -	
PLOT DATE = 1/27/2025	DATE - 01/27/2025	REVISED -	

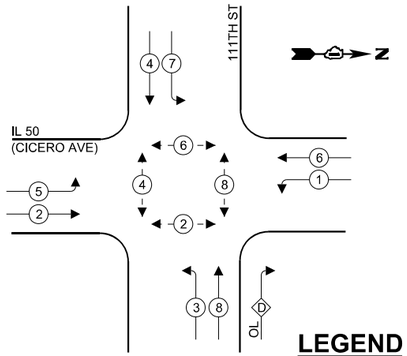
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL INSTALLATION PLAN
IL 50 (CICERO AVE) & 111TH ST

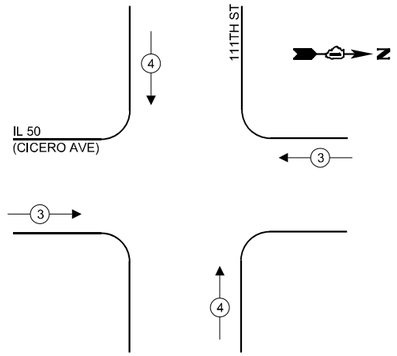
SCALE: 1" = 20' | SHEET 11 OF 24 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	106
		CONTRACT NO. 62V36		
		ILLINOIS	FED. AID PROJECT	

EX & PR CONTROLLER SEQUENCE



EX & PR EMERGENCY VEHICLE PREMPTION SEQUENCE



LEGEND

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

RIGHT TURN OVERLAP PHASE DESIGNATION

OVERLAP LETTER		PERMISSIVE PHASE		PROTECTED PHASE
D	=	8	+	1

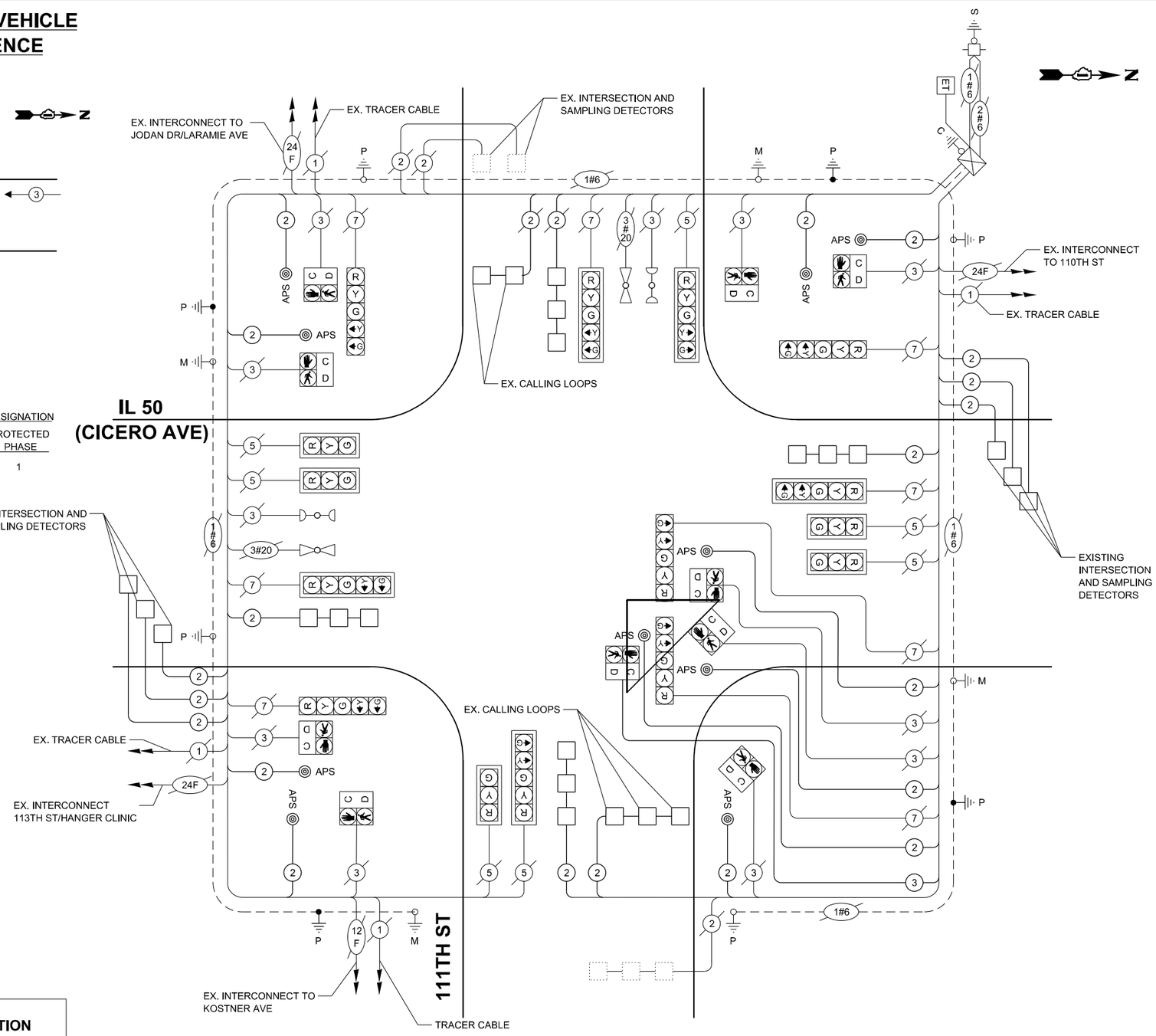
SCHEDULE OF QUANTITIES

DESCRIPTION	UNIT	TOTAL
ROD AND CLEAN EXISTING CONDUIT	FOOT	1696
PEDESTRIAN SIGNAL POST, 10 FT.	EACH	1
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	3
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	70
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1766
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	238
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	40
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	10
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	16
DRILL EXISTING HANDHOLE	EACH	4
DETECTOR LOOP REPLACEMENT	FOOT	979
RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
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	5	11	55
	4-SECTION	-	14	-
	5-SECTION	10	13	130
PROGRAMMABLE	3-SECTION	-	22	-
	4-SECTION	-	32	-
	5-SECTION	-	28	-
PEDESTRIAN SIGNAL		10	15	150
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		510
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		1115

ENERGY COSTS TO:
ILLINOIS DEPARTMENT OF TRANSPORTATION
201 W. CENTER CT,
SCHAUMBURG, IL 60196
ENERGY SUPPLY:
CONTACT: KEN YOUNG
PHONE: (708) 235-2328
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER:
METER NUMBER:



CABLE PLAN
(NOT TO SCALE)

TS 2510
ECONOLITE

INFRASTRUCTURE ENGINEERING | INCORPORATED
One South Wacker Drive | Suite 2650 | Chicago, IL 60606
P 312.425.9560 | F 312.425.9564 | www.infrastructureeng.com

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PLOT DATE = 1/27/2025	DATE - 01/27/2025	REVISED -	

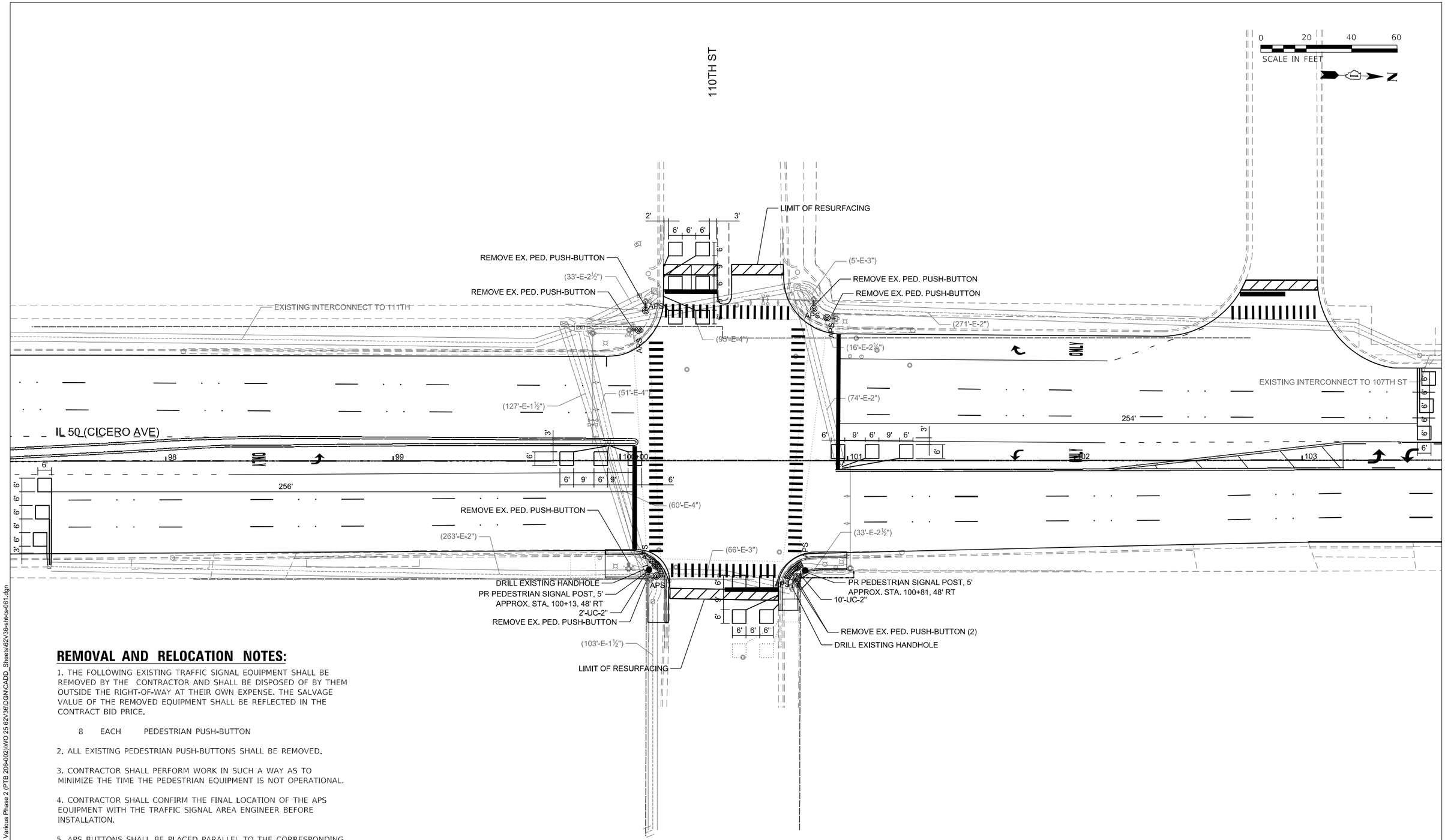
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOQ, CABLE PLAN, PHASE DIAGRAM
IL 50 (CICERO AVE) & 111TH ST

SCALE: NTS | SHEET 12 OF 24 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	107
		CONTRACT NO. 62V36		
	ILLINOIS	FED. AID PROJECT		

MODEL: Default
FILE NAME: P:\P-22022-4675-00 IDOT Various Phase 2 (PTB 209-002)\WO 25 62V36\DGN\CADD_Sheets\62V36-sht-ts-052.dgn



REMOVAL AND RELOCATION NOTES:

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

8	EACH	PEDESTRIAN PUSH-BUTTON

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

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

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

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

TS 2505
ECONOLITE

MODEL: Default
FILE NAME: P:\P-22\22-4675-00 IDOT Various Phase 2 (PTB 206-002)\WO 25 62V36\DGN\CADD_Sheets\62V36-sht-ds-061.dgn

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	DRAWN - NFO	REVISED -	
	CHECKED - ACL	REVISED -	
PLOT DATE = 1/27/2025	DATE - 01/27/2025	REVISED -	

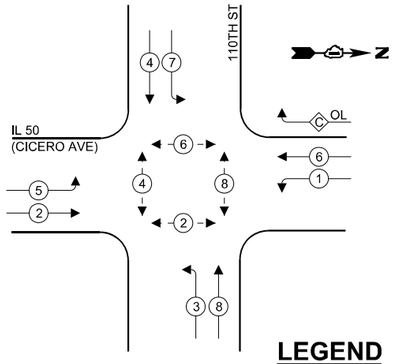
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL INSTALLATION PLAN
IL 50 (CICERO AVE) & 110TH ST

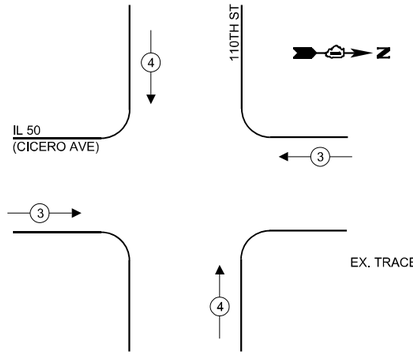
SCALE: 1" = 20' | SHEET 13 OF 24 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	108
		CONTRACT NO. 62V36		
		ILLINOIS	FED. AID PROJECT	

EX & PR CONTROLLER SEQUENCE



EX & PR EMERGENCY VEHICLE PREMPTION SEQUENCE



LEGEND

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

RIGHT TURN OVERLAP PHASE DESIGNATION

OVERLAP LETTER		PERMISSIVE PHASE		PROTECTED PHASE
C	=	6	+	7

SCHEDULE OF QUANTITIES

DESCRIPTION	UNIT	TOTAL
ROD AND CLEAN EXISTING CONDUIT	FOOT	1218
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	2
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	13
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1231
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	20
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	8
DRILL EXISTING HANDHOLE	EACH	2
DETECTOR LOOP REPLACEMENT	FOOT	791
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

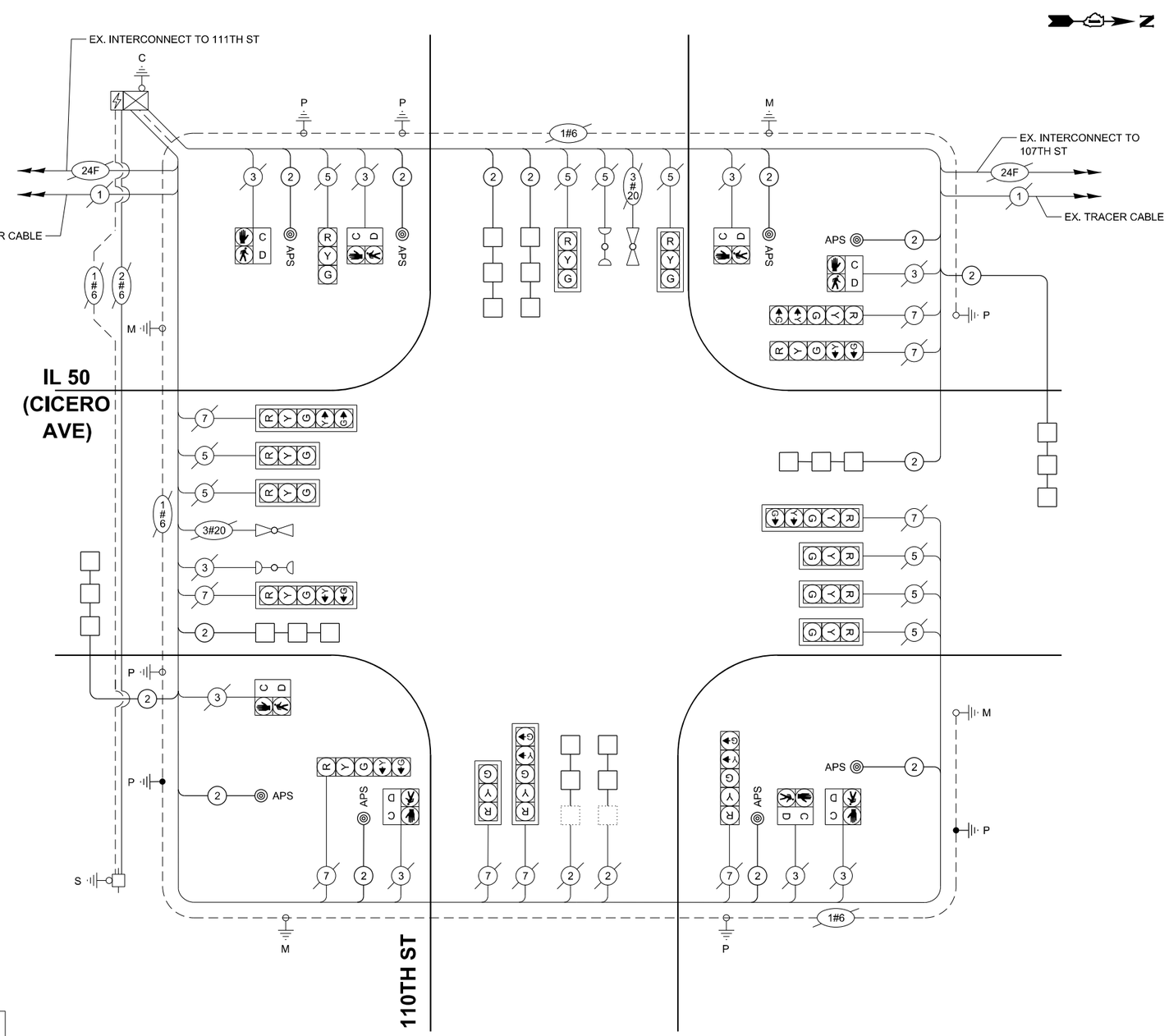
EQUIPMENT TYPE	QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD 1 OR 3-SECTION	9	11	99
4-SECTION	-	14	-
5-SECTION	8	13	88
PROGRAMMABLE 3-SECTION	-	22	-
4-SECTION	-	32	-
5-SECTION	-	28	-
PEDESTRIAN SIGNAL	8	15	120
CONTROLLER	1	150	150
MASTER CONTROLLER	-	100	-
UPS	1	25	25
DETECTION RADAR OR VIDEO	-	20	-
BLANK-OUT SIGN	-	25	-
NETWORK SWITCH II OR III	-	35	-
CELLULAR MODEM	-	15	-
TOTAL UPS SIZING			482
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			1087

ENERGY COSTS TO:
VILLAGE OF OAK LAWN

9446 RAYMOND AVE,
OAK LAWN, IL 60453

ENERGY SUPPLY:

CONTACT: ILYAS MOHIUDDIN
PHONE: (708) 235-2692
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER:
METER NUMBER:



CABLE PLAN
(NOT TO SCALE)

TS 2505
ECONOLITE

INFRASTRUCTURE ENGINEERING | INCORPORATED
One South Wacker Drive | Suite 2650 | Chicago, IL 60606
T 312.425.9580 | F 312.425.9581 | www.infrastructure-eng.com

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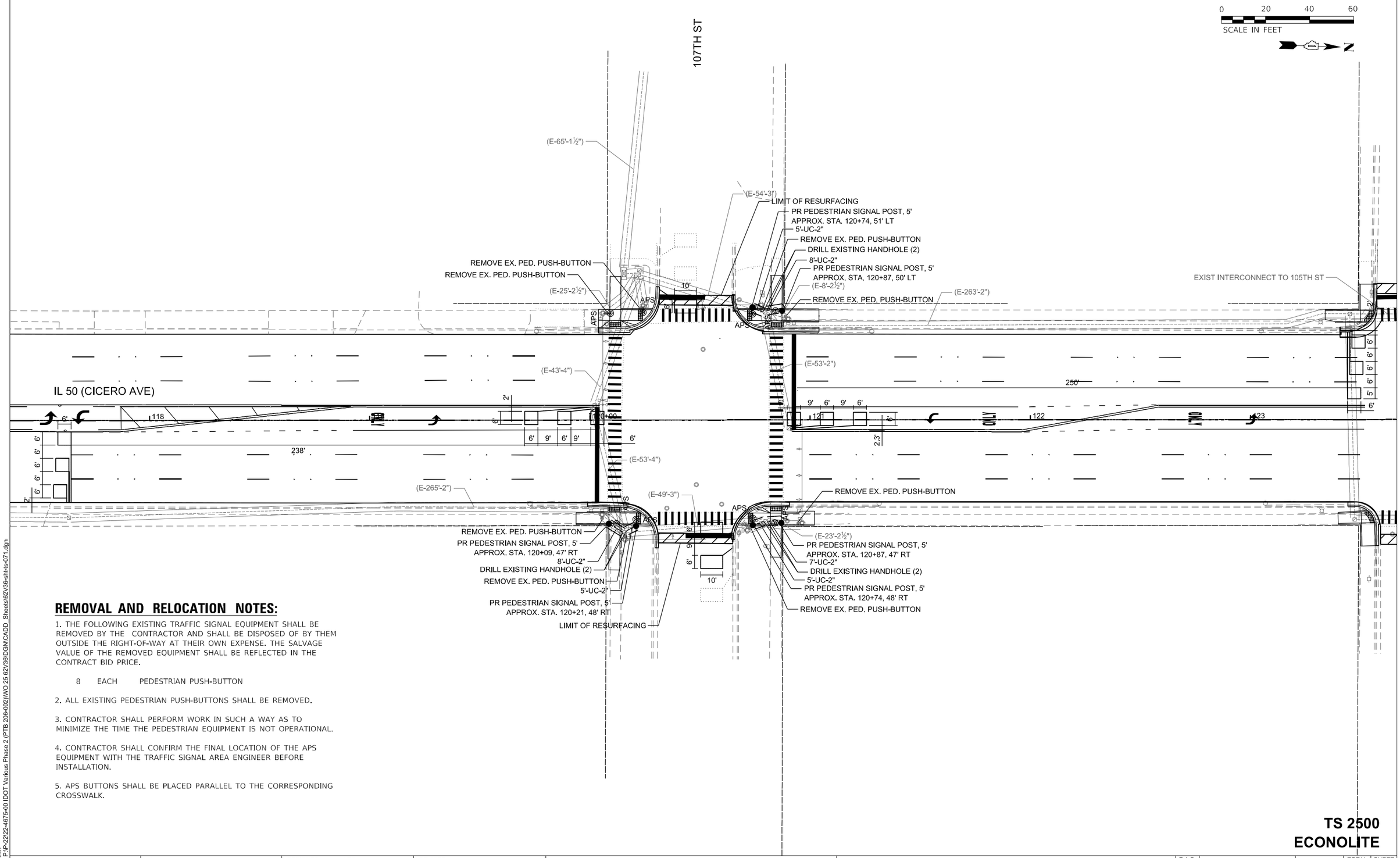
	DRAWN - NFO	REVISED -
	CHECKED - ACL	REVISED -
PLOT DATE = 1/27/2025	DATE - 01/27/2025	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOQ, CABLE PLAN, PHASE DIAGRAM
IL 50 (CICERO AVE) & 110TH ST

SCALE: NTS | SHEET 14 OF 24 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	109
		CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			



REMOVAL AND RELOCATION NOTES:

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

8	EACH	PEDESTRIAN PUSH-BUTTON

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

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

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

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

TS 2500
ECONOLITE

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	DRAWN - NFO	REVISED -	
	CHECKED - ACL	REVISED -	
PLOT DATE = 1/27/2025	DATE - 01/27/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

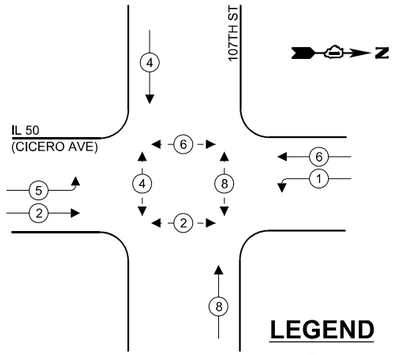
TRAFFIC SIGNAL INSTALLATION PLAN
IL 50 (CICERO AVE) & 107TH ST

SCALE: 1" = 20' | SHEET 15 OF 24 SHEETS | STA. | TO STA.

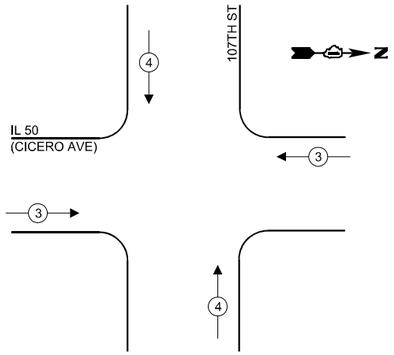
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	110
		CONTRACT NO. 62V36		
		ILLINOIS	FED. AID PROJECT	

MODEL: Default
FILE NAME: P:\P-22022-4675-00 IDOT Various Phase 2 (PTB 208-002)\WO 25 62V36\DGN\CADD_Sheets\62V36-sht-ts-071.dgn

EX & PR CONTROLLER SEQUENCE



EX & PR EMERGENCY VEHICLE PREMPTION SEQUENCE



LEGEND

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

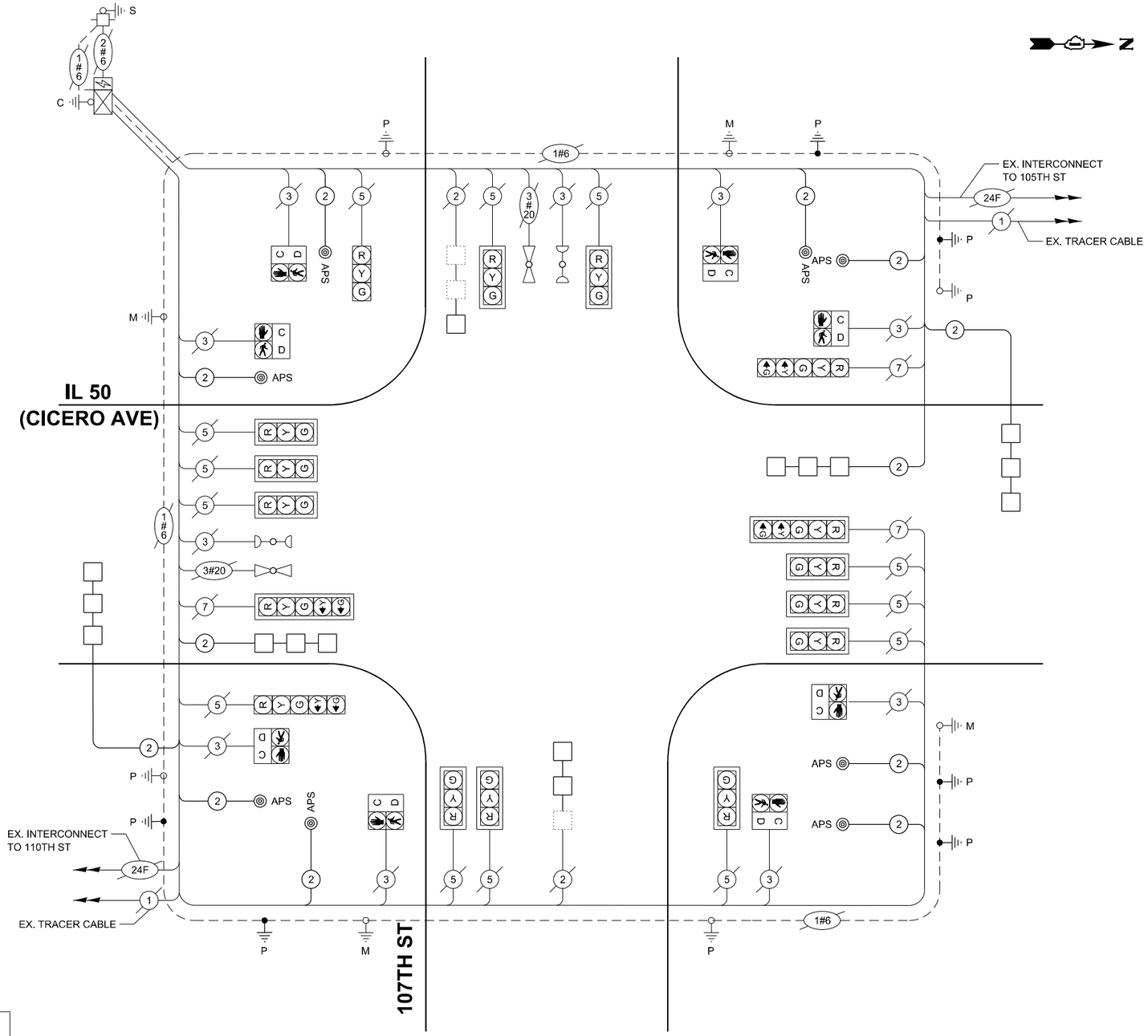
SCHEDULE OF QUANTITIES

DESCRIPTION	UNIT	TOTAL
ROD AND CLEAN EXISTING CONDUIT	FOOT	977
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	6
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	40
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1017
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	60
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	24
DRILL EXISTING HANDHOLE	EACH	6
DETECTOR LOOP REPLACEMENT	FOOT	567
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
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	12	11	132
	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			479
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			1084

ENERGY COSTS TO:
ILLINOIS DEPARTMENT OF TRANSPORTATION
201 W. CENTER CT,
SCHAUMBURG, IL 60196
ENERGY SUPPLY:
CONTACT: MILTON RAY
PHONE: (708) 235-2315
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER:
METER NUMBER:



CABLE PLAN
(NOT TO SCALE)

TS 2500
ECONOLITE

MODEL: Default
FILE NAME: P:\P-22\22-4675-00 IDOT Various Phase 2 (PTB 206-002)\WO 25 62V36\DGN\CADD Sheets\62V36-sshi-ts072.dgn

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P 312.431.1568 | F 312.427.1954 | www.infrastructure-eng.com

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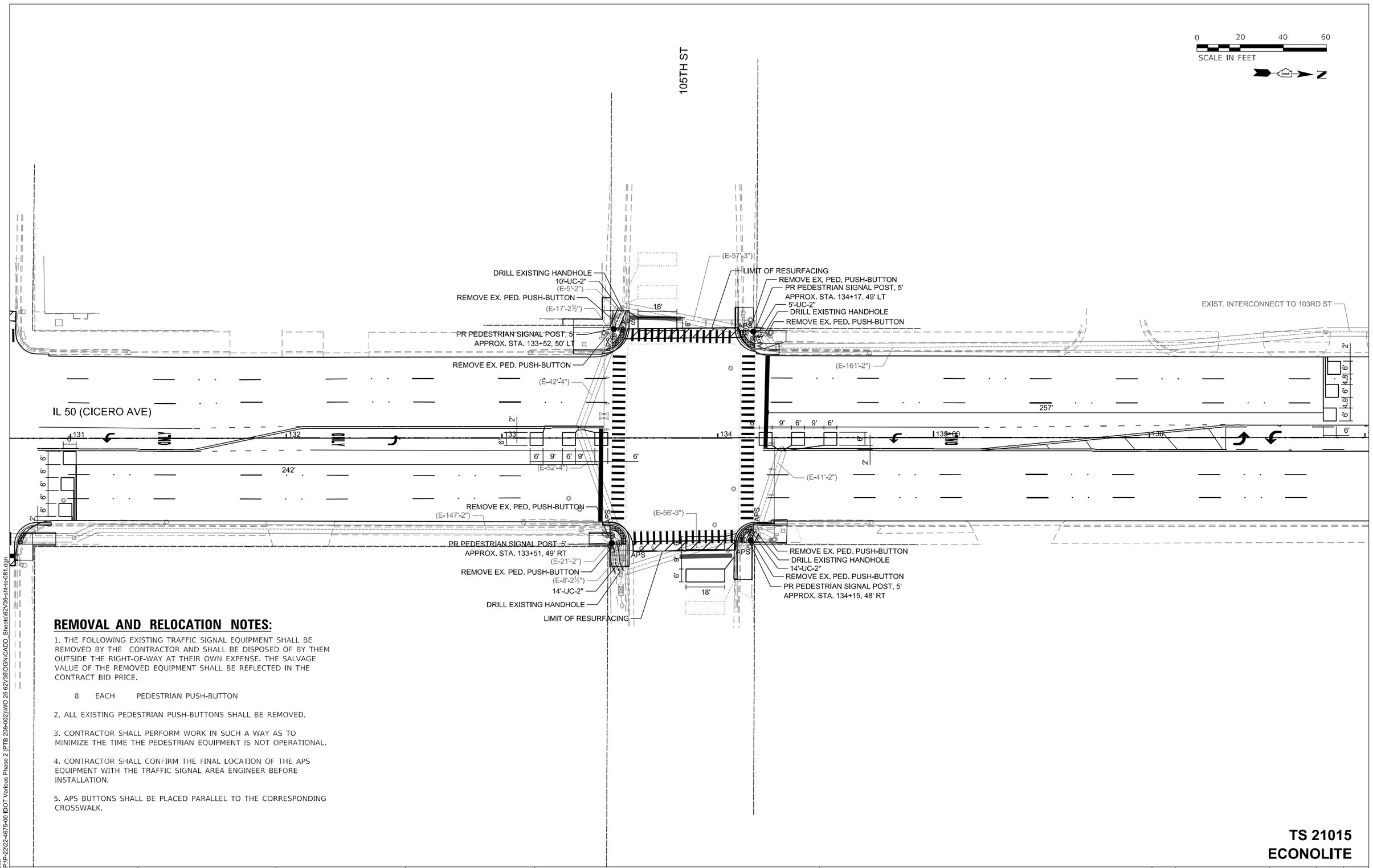
	CHECKED - ACL	REVISED -	
PLOT DATE = 1/27/2025	DATE - 01/27/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOQ, CABLE PLAN, PHASE DIAGRAM
IL 50 (CICERO AVE) & 107TH ST

SCALE: NTS | SHEET 16 OF 24 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	111
		CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			



REMOVAL AND RELOCATION NOTES:

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

8	EACH	PEDESTRIAN PUSH-BUTTON

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

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

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

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

TS 21015
ECONOLITE

MODEL: Default
FILE NAME: P:\P-22022-4675-00 IDOT Various Phase 2 (PTB 206-002)\WO 25 62V36\DGN\CADD_Sheets\62V36-sht-ts-081.dgn

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	DRAWN - NFO	REVISED -	
	CHECKED - ACL	REVISED -	
PLOT DATE = 1/27/2025	DATE - 01/27/2025	REVISED -	

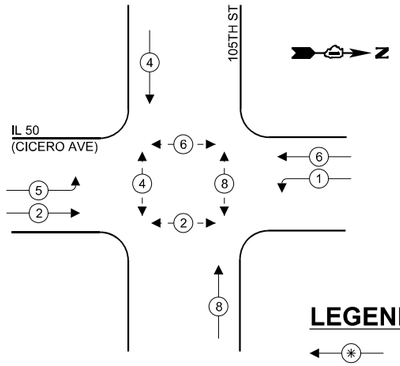
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL INSTALLATION PLAN
IL 50 (CICERO AVE) & 105TH ST

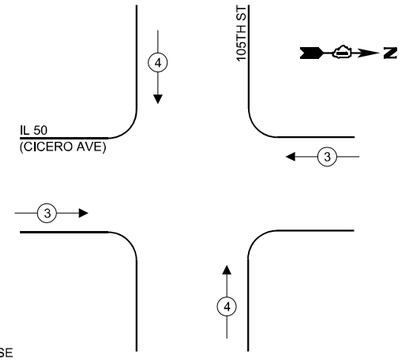
SCALE: 1" = 20' | SHEET 17 OF 24 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	112
		CONTRACT NO. 62V36		
		ILLINOIS	FED. AID PROJECT	

EX & PR CONTROLLER SEQUENCE



EX & PR EMERGENCY VEHICLE PREMPTION SEQUENCE



LEGEND

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

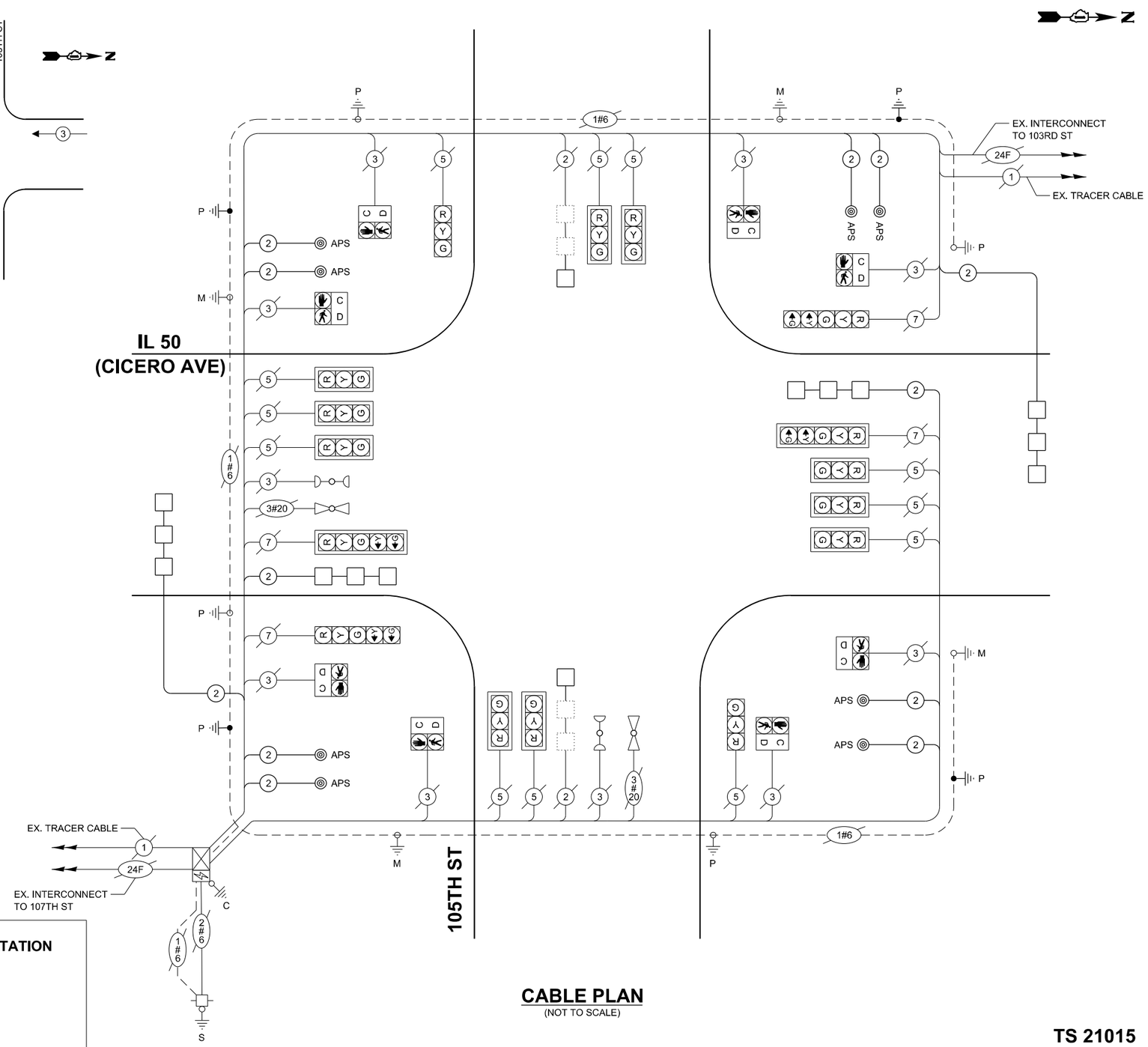
SCHEDULE OF QUANTITIES

DESCRIPTION	UNIT	TOTAL
ROD AND CLEAN EXISTING CONDUIT	FOOT	1113
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	4
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	35
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1148
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	40
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	16
DRILL EXISTING HANDHOLE	EACH	4
DETECTOR LOOP REPLACEMENT	FOOT	586
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
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	12	11	132
	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		479
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		1084

ENERGY COSTS TO:
ILLINOIS DEPARTMENT OF TRANSPORTATION
201 W. CENTER CT.
SCHAUMBURG, IL 60196
ENERGY SUPPLY:
CONTACT: MILTON RAY
PHONE: (708) 235-2315
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER:
METER NUMBER:



CABLE PLAN
(NOT TO SCALE)

TS 21015
ECONOLITE

MODEL: Default
FILE NAME: P:\P-22022-4675-00 IDOT Various Phase 2 (PTB 206-002)\WO 25 62V36\DGN\CADD Sheets\62V36-sht-ts-082.dgn

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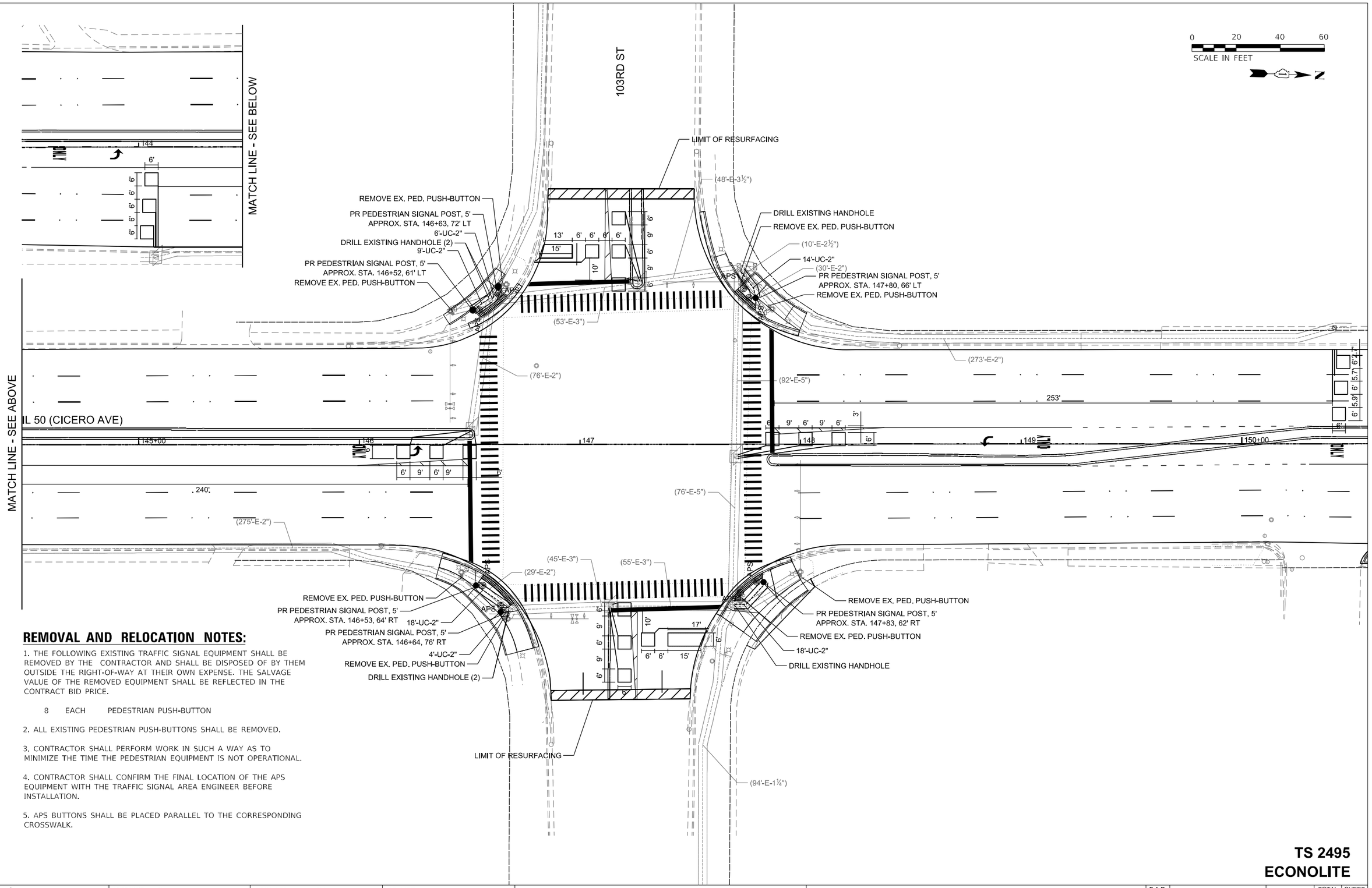
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOQ, CABLE PLAN, PHASE DIAGRAM
IL 50 (CICERO AVE) & 105TH ST

SCALE: NTS | SHEET 18 OF 24 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	113
		CONTRACT NO. 62V36		
		ILLINOIS	FED. AID PROJECT	



REMOVAL AND RELOCATION NOTES:

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

8	EACH	PEDESTRIAN PUSH-BUTTON

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

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

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

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

TS 2495
ECONOLITE

MODEL: Default
FILE NAME: P:\P-22\22-4675-00 IDOT Various Phase 2 (PTB 209-002)\WO 25 62V36\DGN\CADD_Sheets\62V36-sht-ts-091.dgn

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	CHECKED - ACL	REVISED -	
PLOT DATE = 1/27/2025	DATE - 01/27/2025	REVISED -	

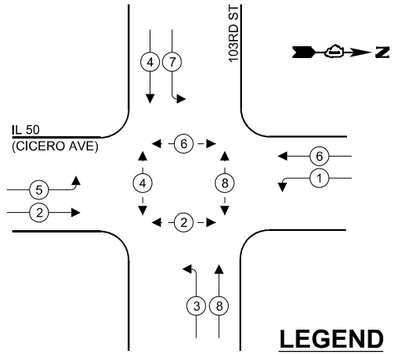
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL INSTALLATION PLAN
IL 50 (CICERO AVE) & 103RD ST

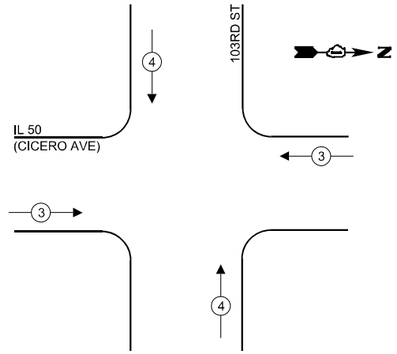
SCALE: 1" = 20' | SHEET 19 OF 24 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	114
		CONTRACT NO. 62V36		
		ILLINOIS	FED. AID PROJECT	

EX & PR CONTROLLER SEQUENCE



EX & PR EMERGENCY VEHICLE PREMPTION SEQUENCE



LEGEND

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

SCHEDULE OF QUANTITIES

DESCRIPTION	UNIT	TOTAL
ROD AND CLEAN EXISTING CONDUIT	FOOT	1375
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	6
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	73
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1448
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	60
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	24
DRILL EXISTING HANDHOLE	EACH	6
DETECTOR LOOP REPLACEMENT	FOOT	940
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 1	EACH	1

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

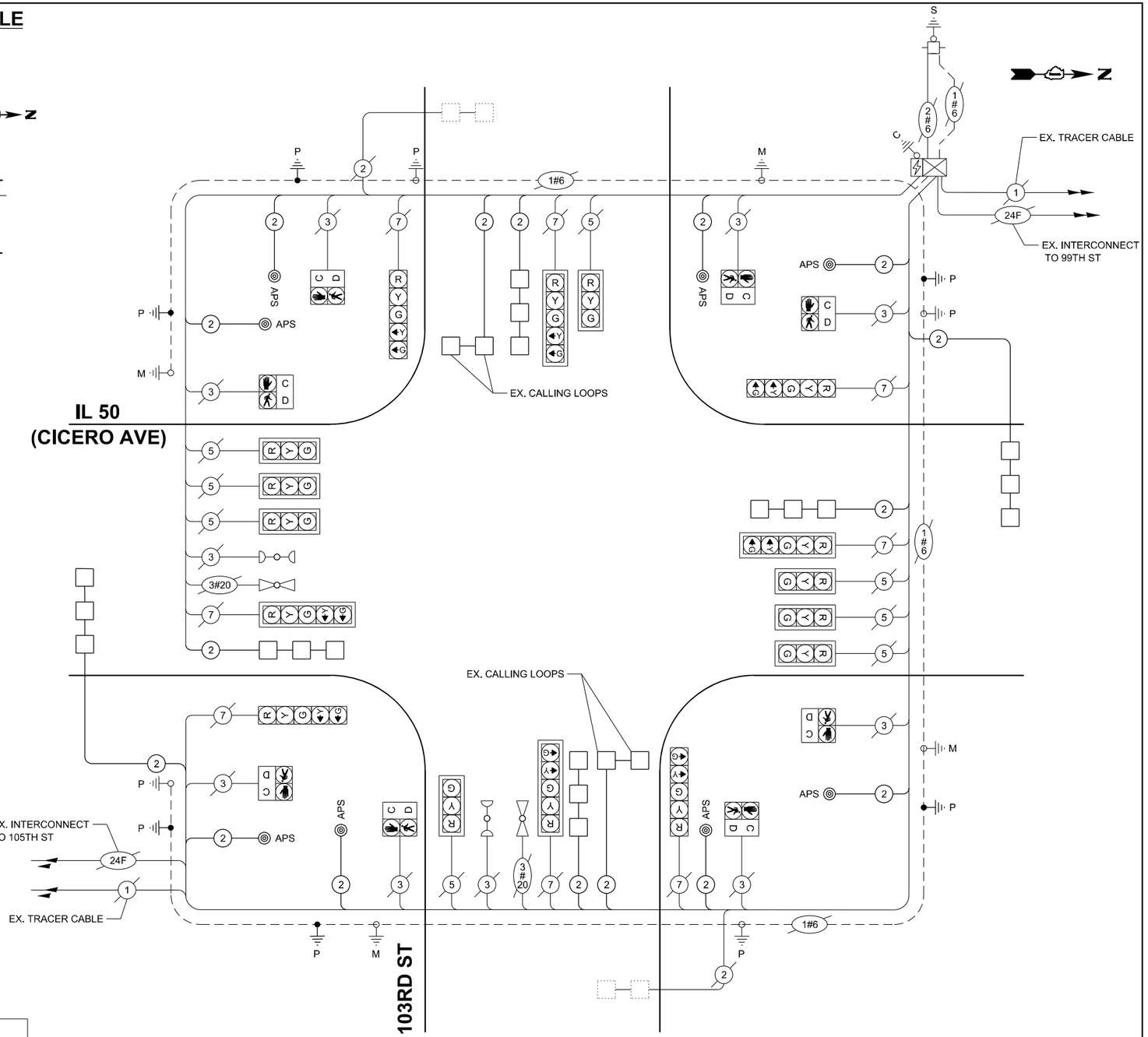
EQUIPMENT TYPE		QUANTITY	UNIT WATTAGE	TOTAL WATTAGE
SIGNAL HEAD	1 OR 3-SECTION	8	11	88
	4-SECTION	-	14	-
	5-SECTION	8	13	104
PROGRAMMABLE	3-SECTION	-	22	-
	4-SECTION	-	32	-
	5-SECTION	-	28	-
PEDESTRIAN SIGNAL		8	15	120
CONTROLLER		1	150	150
MASTER CONTROLLER		-	100	-
UPS		1	25	25
DETECTION	RADAR OR VIDEO	-	20	-
BLANK-OUT SIGN		-	25	-
NETWORK SWITCH	II OR III	-	35	-
CELLULAR MODEM		-	15	-
	TOTAL UPS SIZING			487
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			1092

ENERGY COSTS TO:
ILLINOIS DEPARTMENT OF TRANSPORTATION

201 W. CENTER CT,
SCHAUMBURG, IL 60196

ENERGY SUPPLY:

CONTACT: MILTON RAY
PHONE: (708) 235-2315
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER:
METER NUMBER:



CABLE PLAN
(NOT TO SCALE)

TS 2495
ECONOLITE

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOQ, CABLE PLAN, PHASE DIAGRAM
IL 50 (CICERO AVE) & 103RD ST

SCALE: NTS | SHEET 20 OF 24 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	115
		CONTRACT NO. 62V36		
		ILLINOIS	FED. AID PROJECT	

MODEL: Default
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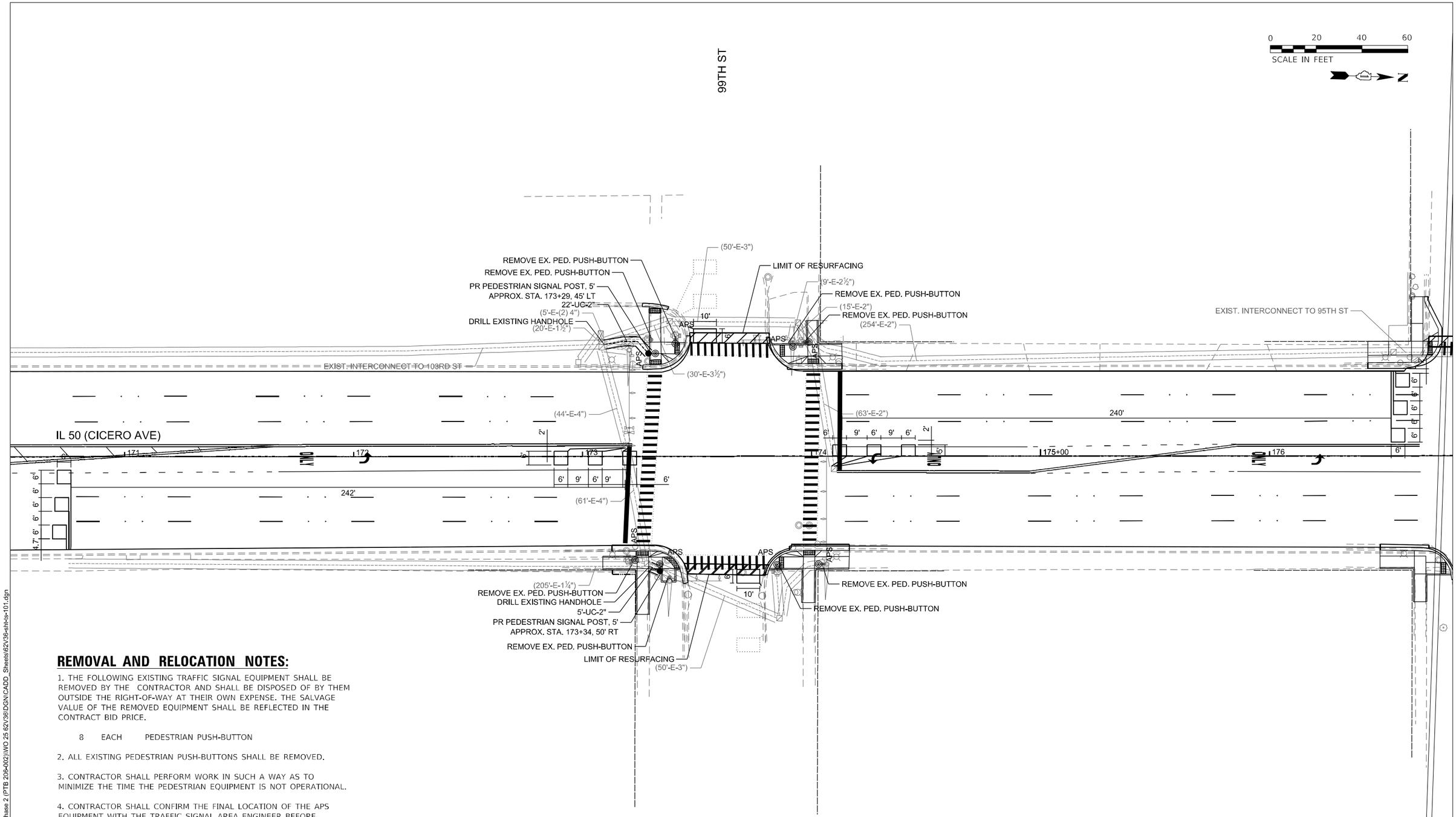

REMOVAL AND RELOCATION NOTES:

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

8	EACH	PEDESTRIAN PUSH-BUTTON

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

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

TS 2490
ECONOLITE

MODEL: Default
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PLOT DATE = 1/27/2025	DATE - 01/27/2025	REVISED -	

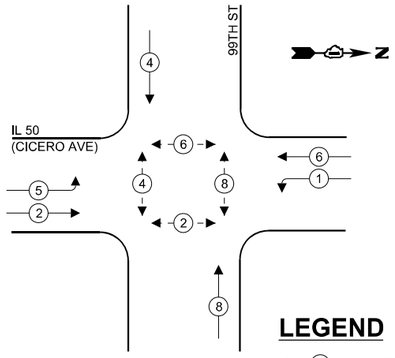
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL INSTALLATION PLAN
IL 50 (CICERO AVE) & 99TH ST

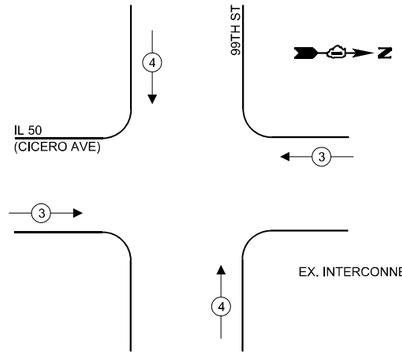
SCALE: 1" = 20' | SHEET 21 OF 24 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	116
		CONTRACT NO. 62V36		
		ILLINOIS	FED. AID PROJECT	

EX & PR CONTROLLER SEQUENCE



EX & PR EMERGENCY VEHICLE PREMPTION SEQUENCE



LEGEND

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

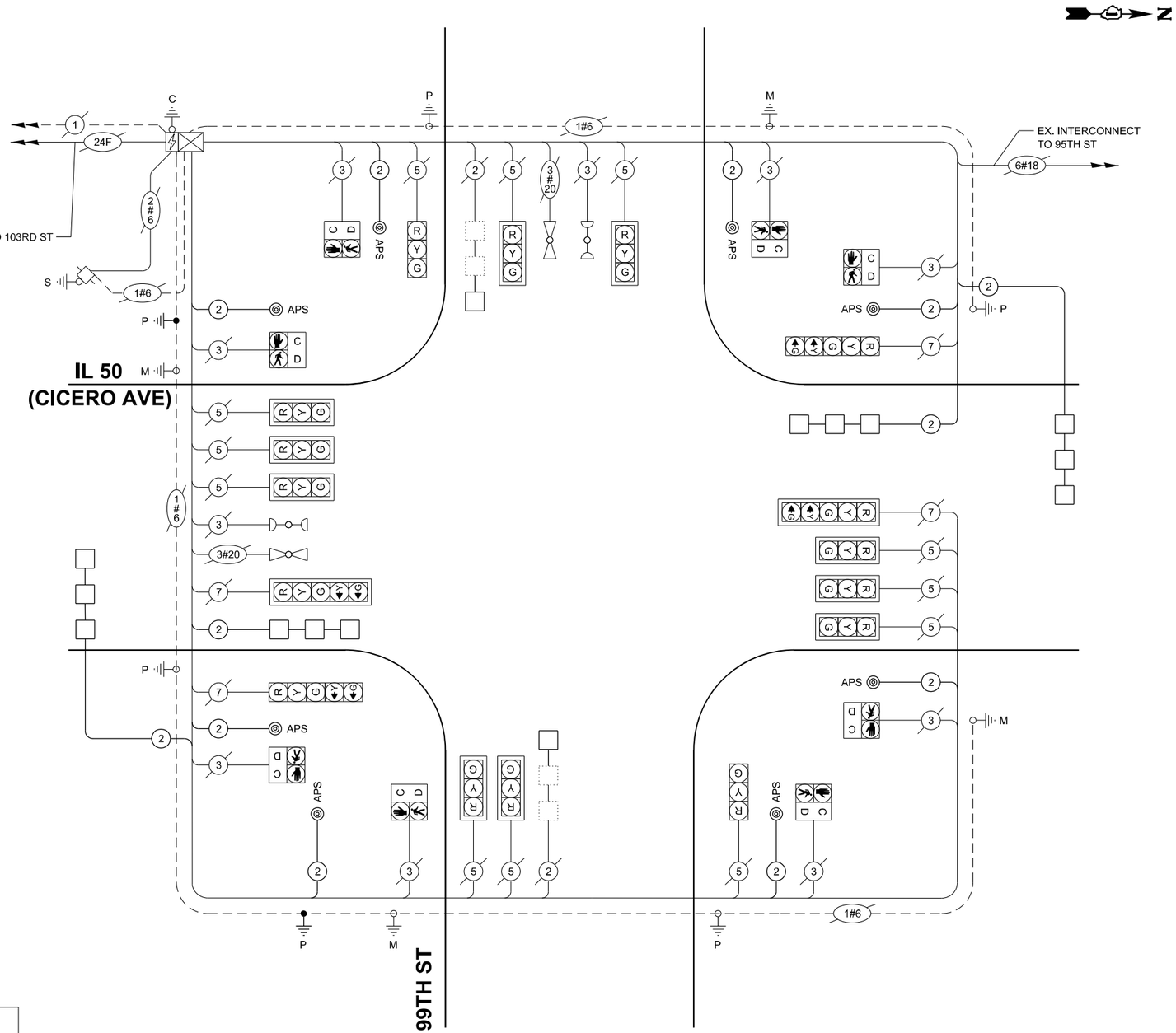
SCHEDULE OF QUANTITIES

DESCRIPTION	UNIT	TOTAL
ROD AND CLEAN EXISTING CONDUIT	FOOT	1060
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	2
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	27
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1087
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	20
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	8
DRILL EXISTING HANDHOLE	EACH	2
DETECTOR LOOP REPLACEMENT	FOOT	528
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
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	12	11	132
	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			479
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			1084

ENERGY COSTS TO:
ILLINOIS DEPARTMENT OF TRANSPORTATION
201 W. CENTER CT,
SCHAUMBURG, IL 60196
ENERGY SUPPLY:
CONTACT: MILTON RAY
PHONE: (708) 235-2315
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER:
METER NUMBER:



CABLE PLAN
(NOT TO SCALE)

TS 2490
ECONOLITE

MODEL: Default
FILE NAME: P:\P-22\22-4675-00 IDOT Various Phase 2 (PTB 206-002)\WO 25 62V36\DGN\CADD Sheets\62V36-sht-ss-102.dgn

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P 312.431.1568 | F 312.427.1954 | www.infrastructureeng.com

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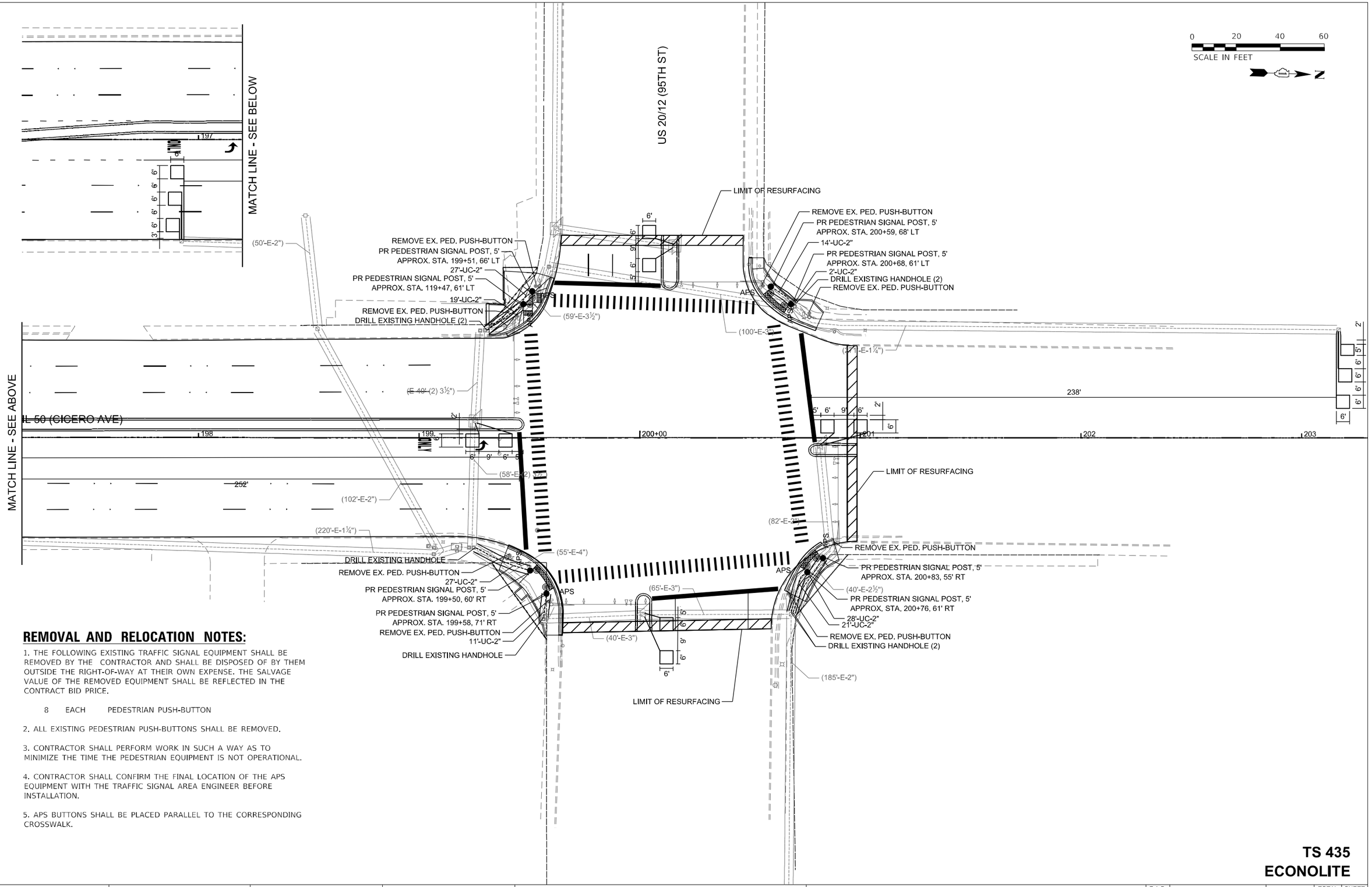
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOQ, CABLE PLAN, PHASE DIAGRAM
IL 50 (CICERO AVE) & 99TH ST

SCALE: NTS | SHEET 22 OF 24 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	117
		CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			



REMOVAL AND RELOCATION NOTES:

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

   8 EACH PEDESTRIAN PUSH-BUTTON

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

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

TS 435
ECONOLITE

MODEL: Default
FILE NAME: P:\P-22022-4675-00 IDOT Various Phase 2 (PTB 209-002)\WO 25 62V36\DGN\CADD_Sheets\62V36-sht-ts-111.dgn

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	DRAWN - NFO	REVISED -	
	CHECKED - ACL	REVISED -	
PLOT DATE = 1/27/2025	DATE - 01/27/2025	REVISED -	

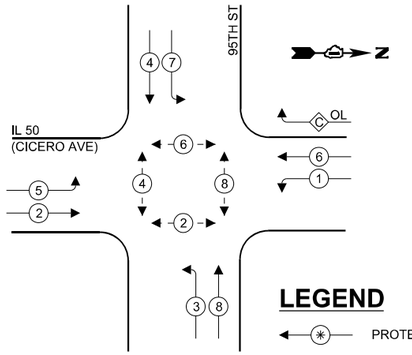
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL INSTALLATION PLAN
IL 50 (CICERO AVE) & US 20/12 (95TH ST)

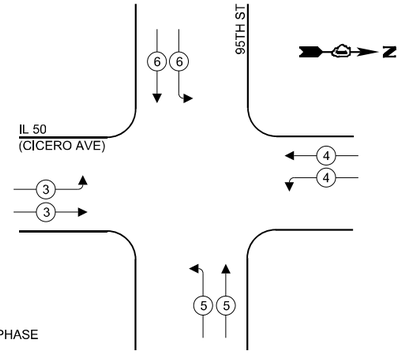
SCALE: 1" = 20' | SHEET 23 OF 24 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	118
		CONTRACT NO. 62V36		
		ILLINOIS	FED. AID PROJECT	

EX & PR CONTROLLER SEQUENCE



EX & PR EMERGENCY VEHICLE PREMPTION SEQUENCE



LEGEND

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

RIGHT TURN OVERLAP PHASE DESIGNATION

OVERLAP LETTER	PERMISSIVE PHASE	PROTECTED PHASE
C	6	7

SCHEDULE OF QUANTITIES

DESCRIPTION	UNIT	TOTAL
ROD AND CLEAN EXISTING CONDUIT	FOOT	1408
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	8
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	151
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1559
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	80
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	32
DRILL EXISTING HANDHOLE	EACH	8
DETECTOR LOOP REPLACEMENT	FOOT	526
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
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	22	11	242
	4-SECTION	-	14	-
	5-SECTION	2	13	26
PROGRAMMABLE	3-SECTION	-	22	-
	4-SECTION	-	32	-
	5-SECTION	-	28	-
PEDESTRIAN SIGNAL		8	15	120
CONTROLLER		1	150	150
MASTER CONTROLLER		-	100	25
UPS		1	25	-
DETECTION	RADAR OR VIDEO	-	20	-
BLANK-OUT SIGN		-	25	-
NETWORK SWITCH	II OR III	-	35	-
CELLULAR MODEM		-	15	-
	TOTAL UPS SIZING			563
UPS CHARGING		1	225	225
BATTERY HEATER MAT		1	180	180
CABINET HEATER		1	200	200
FLASHER		-	15	-
LED STREET NAME SIGN		4	120	480
LUMINAIRE		-	240	-
	TOTAL SERVICE WIRE SIZING			1648

ENERGY COSTS TO:

IDOT (50%)

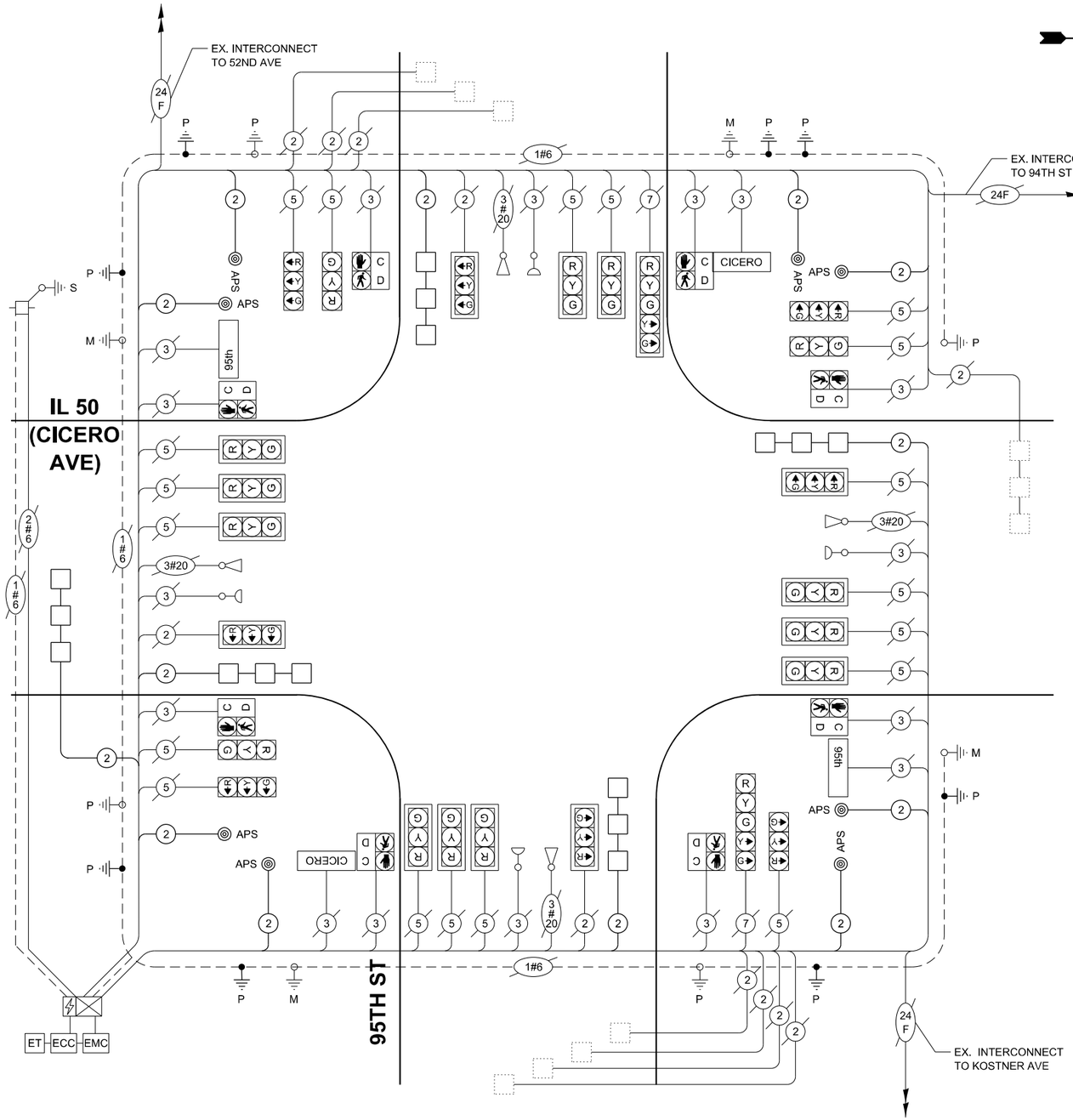
201 W. CENTER CT,
SCHAUMBURG, IL 60196

VILLAGE OF OAK LAWN (50%)

9446 RAYMOND AVE,
OAK LAWN, IL 60453

ENERGY SUPPLY:

CONTACT: KATHRYN SUGRUE
PHONE: (708) 235-2337
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER:
METER NUMBER:



CABLE PLAN

(NOT TO SCALE)

TS 435
ECONOLITE

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	DRAWN - NFO	REVISED -	
	CHECKED - ACL	REVISED -	
PLOT DATE = 1/27/2025	DATE - 01/27/2025	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOQ, CABLE PLAN, PHASE DIAGRAM
IL 50 (CICERO AVE) & US 20/12 (95TH ST)

SCALE: NTS | SHEET 24 OF 24 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	119
		CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			

TRAFFIC SIGNAL LEGEND

(NOT TO SCALE)

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

ITEM	EXISTING	PROPOSED
HANDHOLE -SQUARE -ROUND		
HEAVY DUTY HANDHOLE -SQUARE -ROUND	H	H
DOUBLE HANDHOLE		
JUNCTION BOX		
RAILROAD CANTILEVER MAST ARM		
RAILROAD FLASHING SIGNAL		
RAILROAD CROSSING GATE		
RAILROAD CROSSBUCK		
RAILROAD CONTROLLER CABINET		
UNDERGROUND CONDUIT (UC), GALVANIZED STEEL		
TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE		
SYSTEM ITEM	S	SP
INTERSECTION ITEM	I	IP
REMOVE ITEM		R
RELOCATE ITEM		RL
ABANDON ITEM		A
CONTROLLER CABINET AND FOUNDATION TO BE REMOVED		RCF
MAST ARM POLE AND FOUNDATION TO BE REMOVED		RMF
SIGNAL POST AND FOUNDATION TO BE REMOVED		RPF
DETECTOR LOOP, TYPE I		
PREFORMED DETECTOR LOOP	P	P
SAMPLING (SYSTEM) DETECTOR	S	S
INTERSECTION AND SAMPLING (SYSTEM) DETECTOR	IS	IS
QUEUE AND SAMPLING (SYSTEM) DETECTOR	QS	QS
WIRELESS DETECTOR SENSOR	W	W
WIRELESS ACCESS POINT		

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

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PLOT DATE = 3/4/2019	DATE - 9/29/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

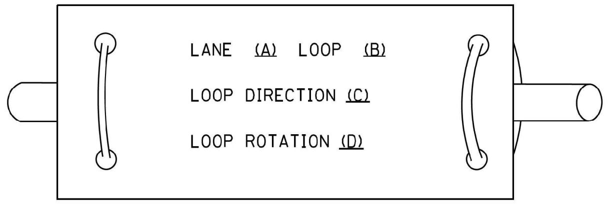
SCALE: NONE | SHEET 1 OF 7 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350		COOK	144	120
	TS-05	CONTRACT NO. 62V36		
		ILLINOIS	FED. AID PROJECT	

LOOP DETECTOR NOTES

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.
6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.
7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

LOOP LEAD–IN CABLE TAG

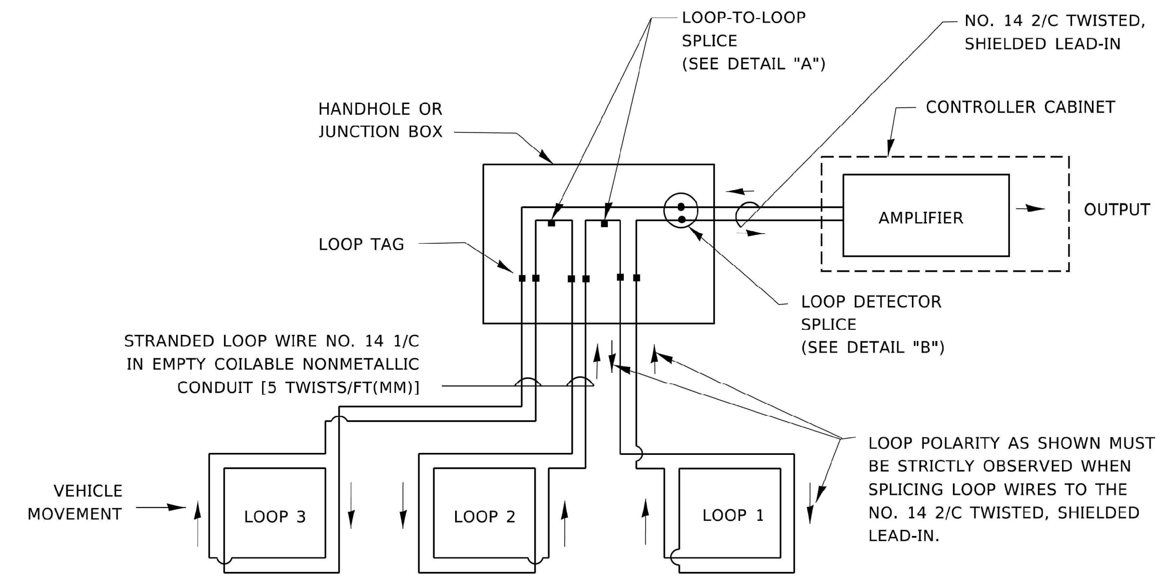


A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY

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

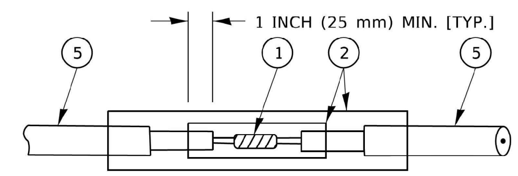
C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".

D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

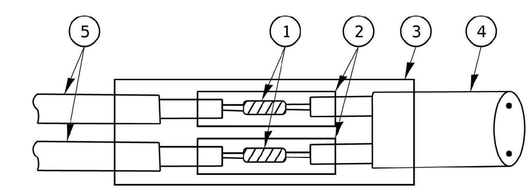


DETECTOR LOOP WIRING SCHEMATIC

- LOOPS SHALL BE SPLICED IN SERIES. SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE,
- THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.

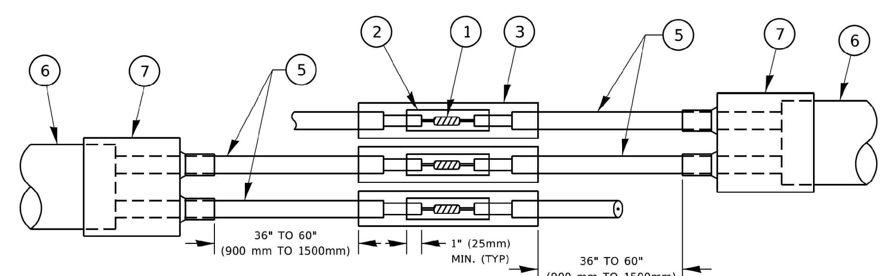


DETAIL "A"
LOOP-TO-LOOP SPLICE



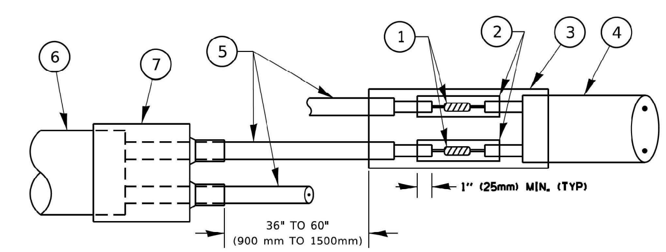
DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A"
LOOP-TO-LOOP SPLICE

PRE–FORMED LOOP



DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

LOOP DETECTOR SPLICE

(1) WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH. THE WESTERN UNION SPLICES SHALL BE STAGGERED.

(2) WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.

(3) WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGHT 6" (150 mm), UNDERWATER GRADE.

(4) NO. 14 2/C TWISTED, SHIELDED CABLE.

(5) LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE. PRE-FORMED LOOP

(6) XL POLYOLEFIN 2 CONDUCTOR

(7) BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

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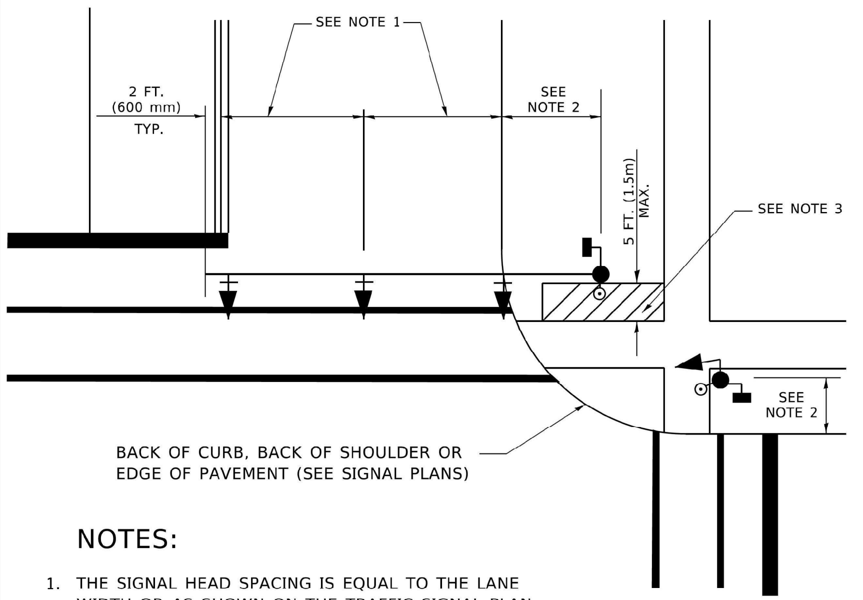
USER NAME = footemj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS	
	DRAWN -	REVISED -			
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -			
PLOT DATE = 3/4/2019	DATE -	REVISED -		SCALE: NONE	SHEET 2 OF 7 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350		COOK	144	121
TS–05		CONTRACT NO. 62V36		
	ILLINOIS	FED. AID PROJECT		

TRAFFIC SIGNAL MAST ARM AND SIGNAL POST

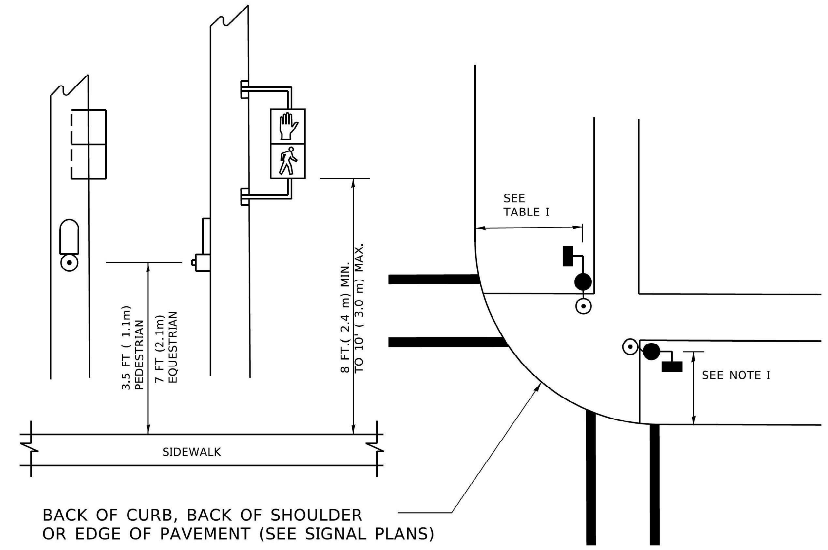
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.



NOTES:

1. THE SIGNAL HEAD SPACING IS EQUAL TO THE LANE WIDTH OR AS SHOWN ON THE TRAFFIC SIGNAL PLAN.
2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
3. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE MAST ARM SHAFT OR THE SIGNAL POST.
4. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
5. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

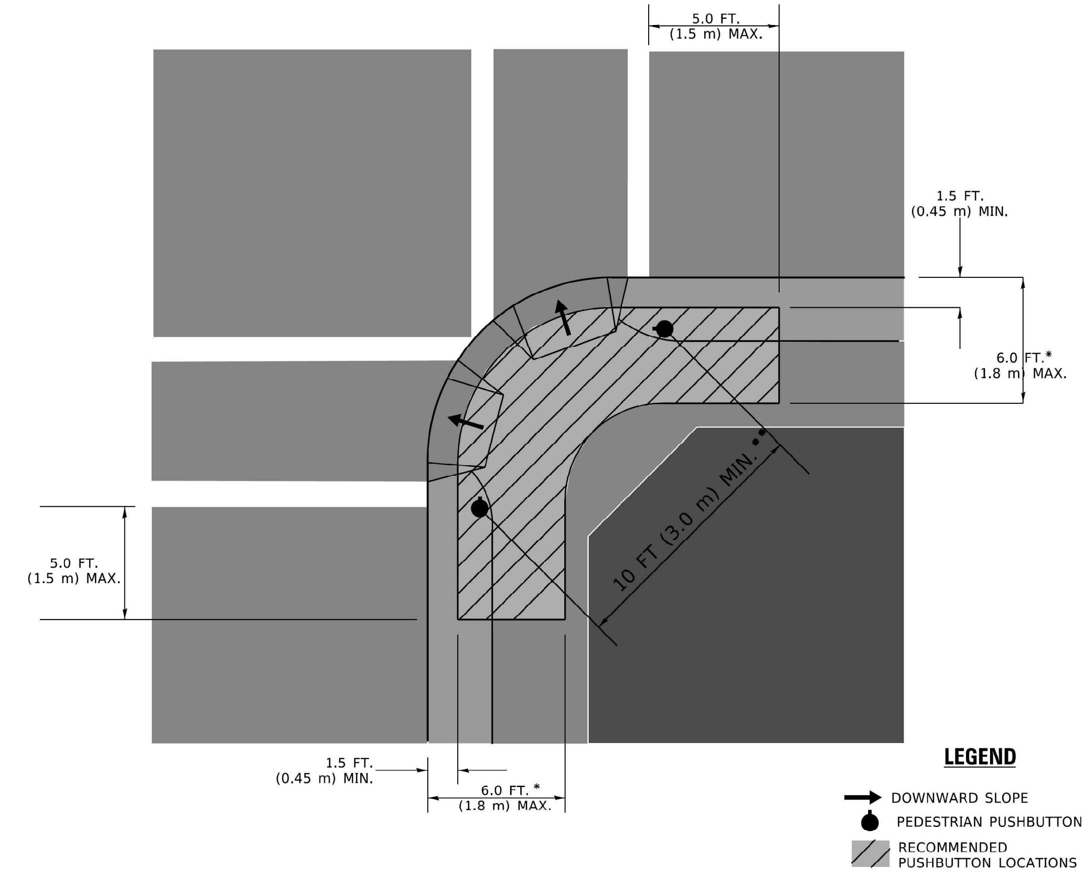
PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST



NOTES:

1. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
2. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE PEDESTRIAN SIGNAL POST OR THE PEDESTRIAN PUSH BUTTON POST.
3. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
4. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

RECOMMENDED PUSHBUTTON LOCATIONS



* WHERE THERE ARE CONSTRAINTS THAT MAKE IT IMPRACTICAL TO PLACE THE PEDESTRIAN PUSHBUTTON BETWEEN 1.5 FT (0.45 m) AND 6 FT (1.8 m) FROM THE EDGE OF THE CURB, SHOULDER, OR PAVEMENT, IT SHOULD NOT BE FURTHER THAN 10 FT (3 m) FROM THE EDGE OF CURB, SHOULDER, OR PAVEMENT.

** WHERE THERE ARE CONSTRAINTS ON A PARTICULAR CORNER THAT MAKE IT IMPRACTICAL TO PROVIDE THE 10 FT (3 m) SEPERATION BETWEEN THE TWO PEDESTRIAN PUSHBUTTONS, THE PUSHBUTTONS MAY BE PLACED CLOSER TOGETHER OR ON THE SAME POLE.

NOTES:

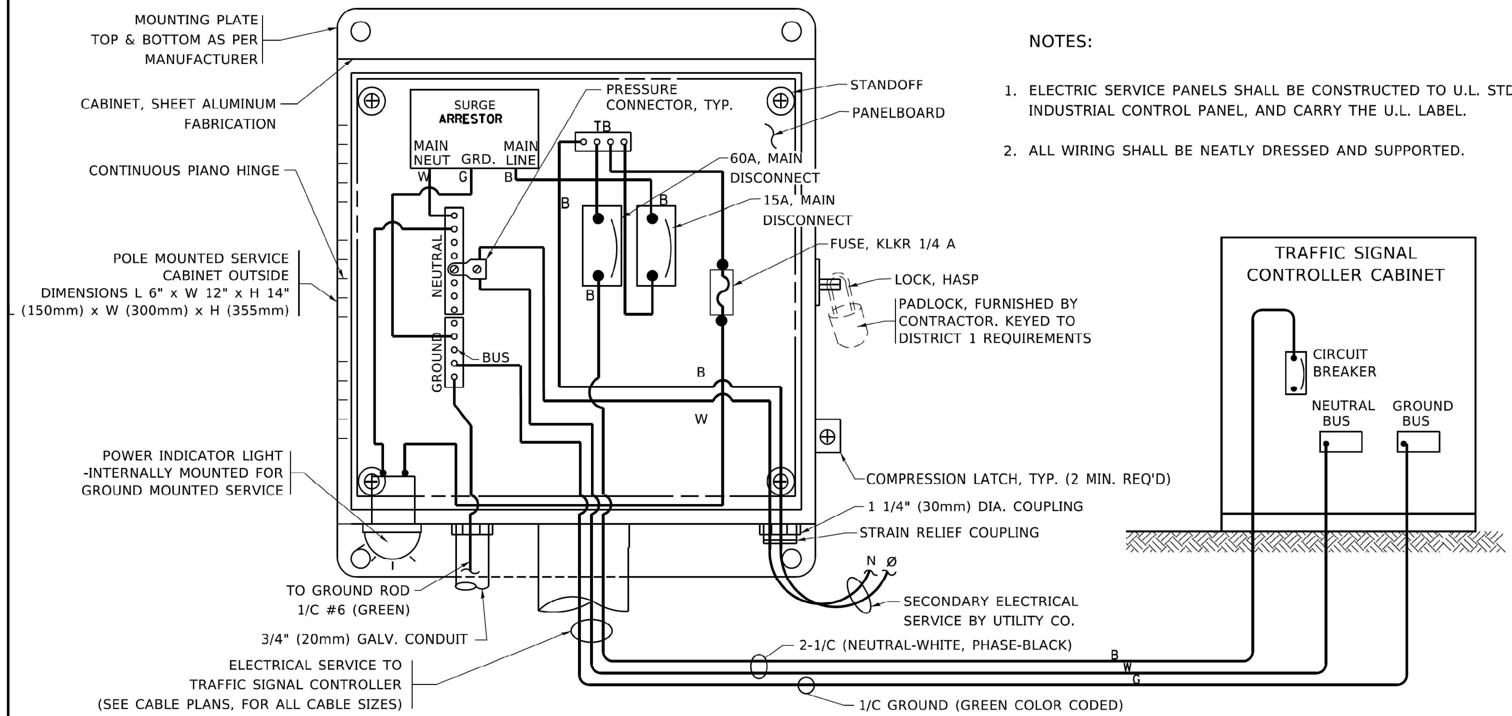
1. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 8 FT (2.4 m) OR MORE THAN 10 FT (3 m) ABOVE SIDEWALK LEVEL, AND SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
2. THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) OF A VEHICULAR SIGNAL FACE THAT IS NOT LOCATED OVER A HIGHWAY SHALL BE AT LEAST 8 FT (2.4 m) BUT NOT MORE THAN 19 FT (5.8 m) ABOVE THE SIDEWALK OR, IF THERE IS NO SIDEWALK, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE ROADWAY.
3. THE BOTTOM OF THE SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001, 877002, 877006, 877011 AND 877012 WITH A MINIMUM OF 16 FT (5.0 m) AND A MAXIMUM OF 18 FT. (5.5 m) FROM THE HIGHEST POINT OF PAVEMENT.
4. THE BOTTOM OF THE TEMPORARY SPAN WIRE MOUNTED SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARD 880001 WITH A MINIMUM OF 17 FT (5.18 m) FROM THE HIGHEST POINT OF PAVEMENT.
5. THE TOP OF THE SIGNAL HOUSING OF A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL NOT BE MORE THAN 25.6 FT (7.8 m) ABOVE THE PAVEMENT.

TRAFFIC SIGNAL EQUIPMENT OFFSET

TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MINIMUM DISTANCE FROM BACK OF CURB TO CENTERLINE OF FOUNDATION)	SHOULDER/NON-CURBED AREA (MINIMUM DISTANCE FROM EDGE OF PAVEMENT TO CENTERLINE OF FOUNDATION)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN PUSHBUTTON POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TEMPORARY WOOD POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
CONTROLLER CABINET	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.
SERVICE INSTALLATION, GROUND MOUNT	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.

NOTES:

1. CONTACT THE "AREA TRAFFIC SIGNAL MAINTENANCE AND OPERATIONS ENGINEER" FOR ASSISTANCE IN LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS WITH DITCHES OR THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
2. MINIMUM DISTANCE FROM THE BACK OF CURB TO THE ROADWAY SIDE OF THE FOUNDATION.
3. MINIMUM DISTANCE FROM THE EDGE OF PAVEMENT TOTHE ROADWAY SIDE OF THE FOUNDATION.
4. ANY CHANGES TO THE OFFSETS OF THE FOUNDATIONS, FROM THE MINIMUM DISTANCES LISTED IN THE "TRAFFIC SIGNAL EQUIPMENT OFFSET" CHART AND THE TRAFFIC SIGNAL INSTALLATION PLAN, COULD EFFECT THE PLACEMENT OF THE SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS AND THE PEDESTRIAN PUSHBUTTONS. THE SIGNAL HEAD PLACEMENT ON THE MAST ARMS SHALL REMAIN AS PER THE TRAFFIC SIGNAL INSTALLATION PLAN AND THE "TRAFFIC SIGNAL MAST ARM AND SIGNAL POST" DETAIL ABOVE. THE PROPOSED MAST ARM LENGTHS MAY NEED TO BE REVISED TO MEET THE ABOVE REQUIREMENTS. THE PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS MUST MEET THE REQUIREMENTS UNDER THE DETAILS ON THIS SHEET.



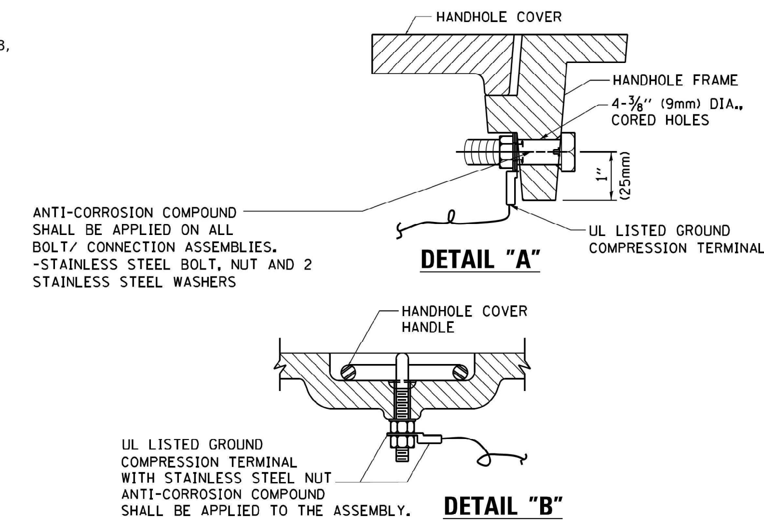
NOTES:

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

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

SERVICE INSTALLATION POLE MOUNT (SHOWN)

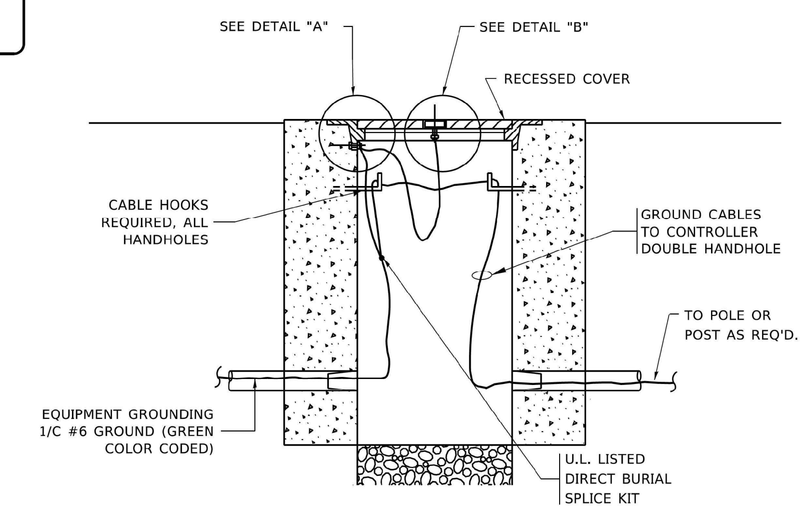
(NOT TO SCALE)



NOTES:

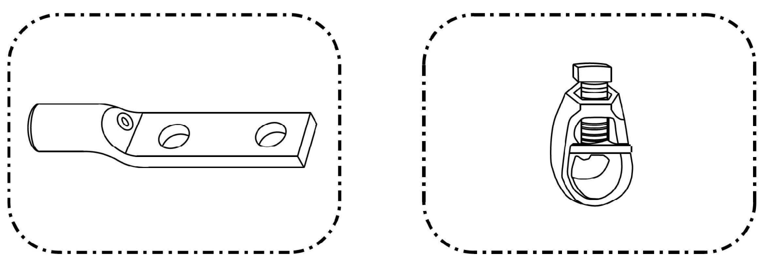
GROUNDING SYSTEM

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



HANDHOLE COVER & FRAME – GROUNDING DETAIL

(NOT TO SCALE)

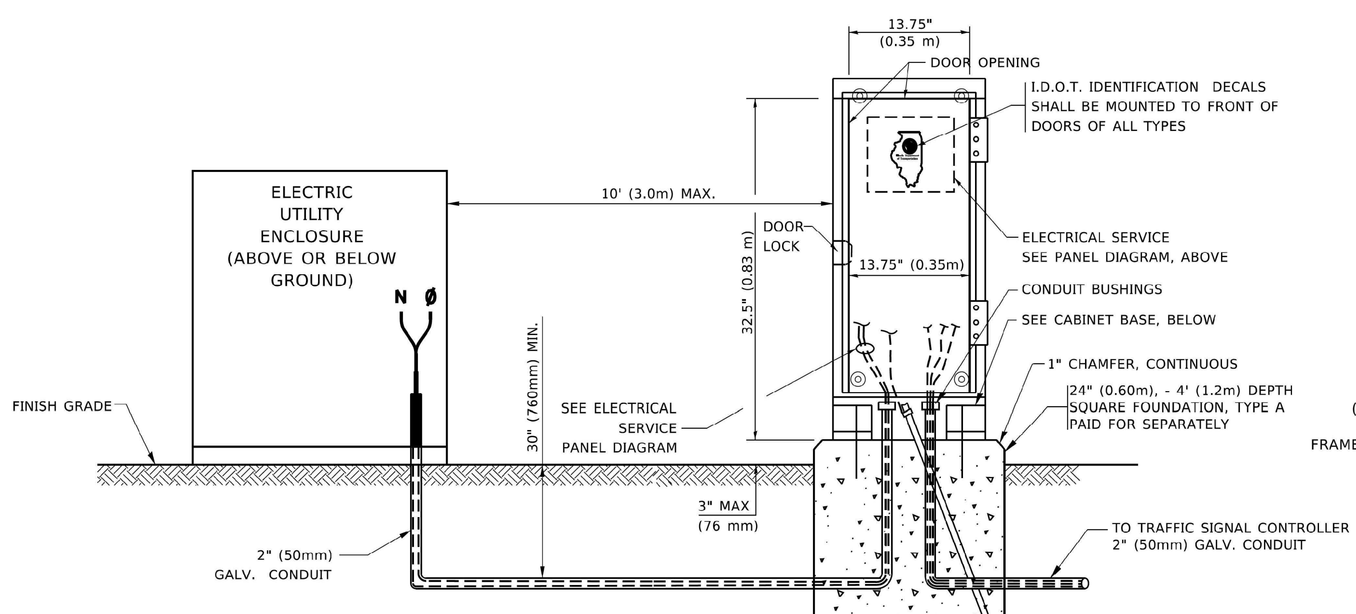


HEAVY-DUTY COMPRESSION TERMINAL (BURNDY TYPE YGHA OR APPROVED EQUAL)

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

NOTES:

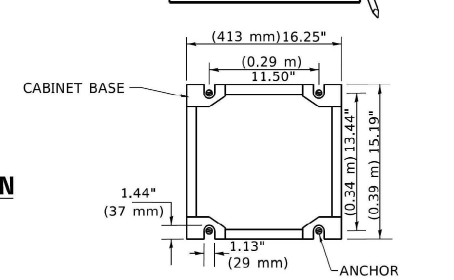
- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
- GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES 6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES 13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES. 5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.



SERVICE INSTALLATION

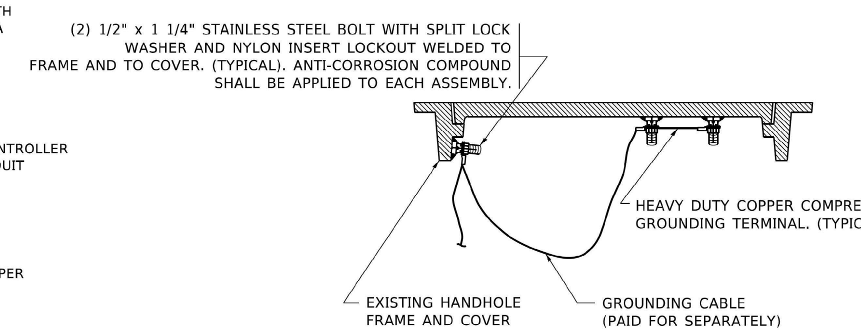
GROUND MOUNT

(NOT TO SCALE)



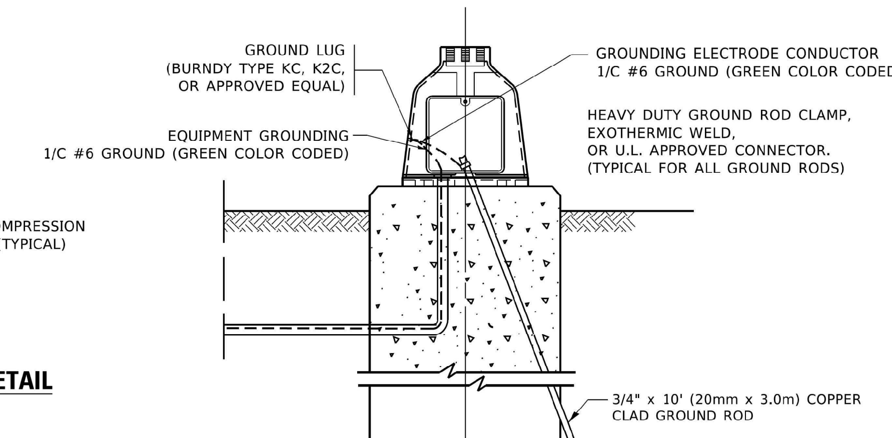
CABINET – BASE BOLT PATTERN

(NOT TO SCALE)



EXISTING HANDHOLE COVER & FRAME – GROUNDING DETAIL

(NOT TO SCALE)



MAST ARM POLE /POST–GROUNDING DETAIL

(NOT TO SCALE)

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One South Wacker Drive | Suite 2650 | Chicago, IL 60606

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PLOT DATE = 3/4/2019	DATE -	REVISED -

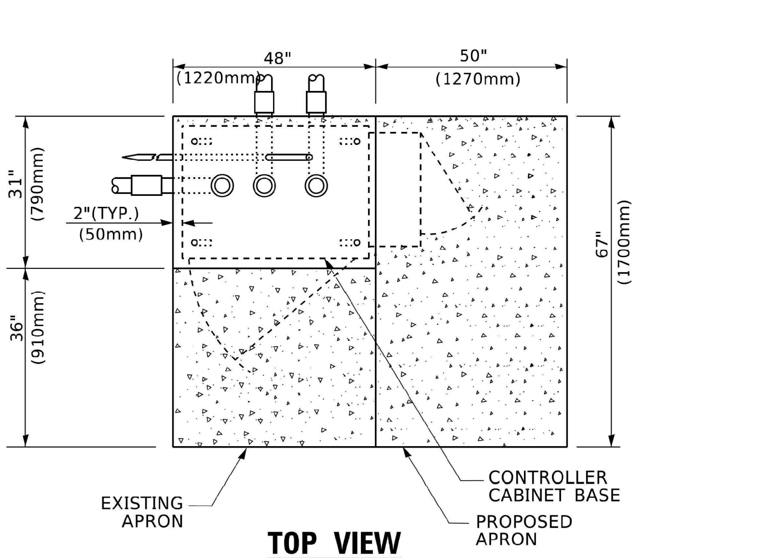
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

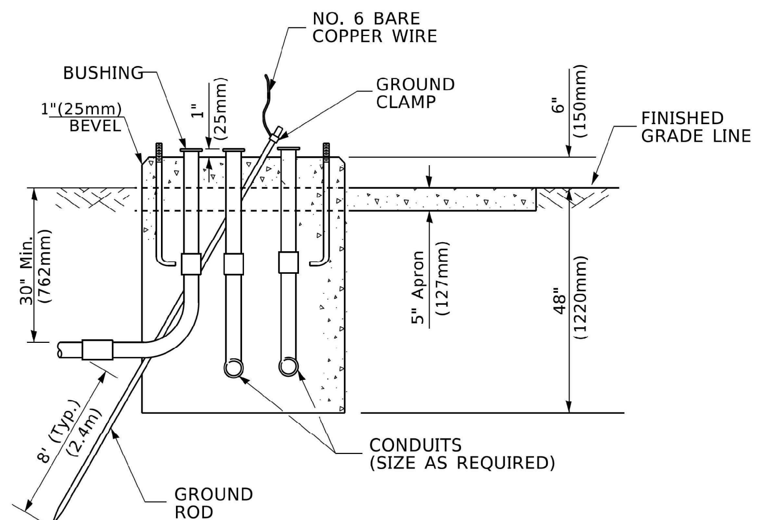
SCALE: NONE | SHEET 4 OF 7 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350		COOK	144	123
TS-05		CONTRACT NO. 62V36		

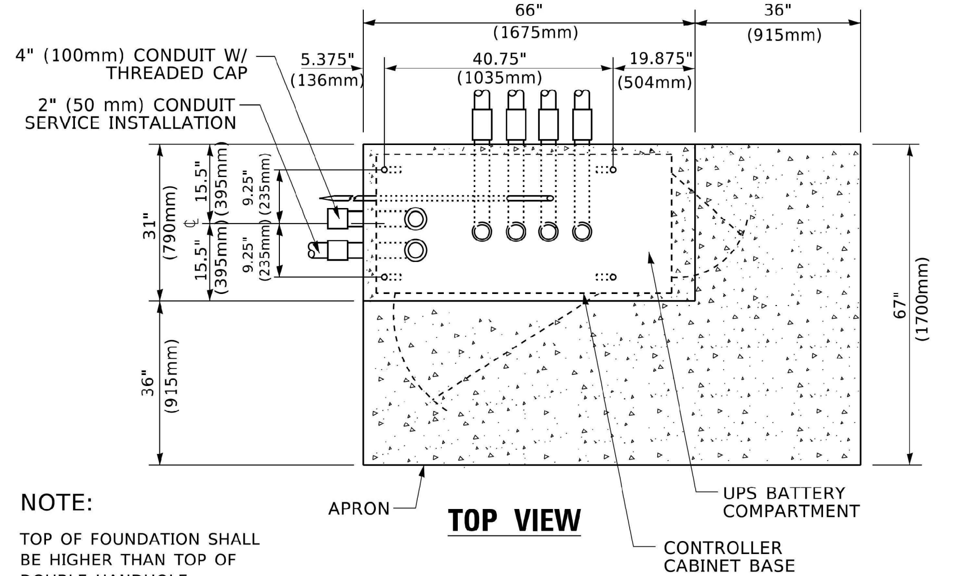
ILLINOIS | FED. AID PROJECT



TOP VIEW



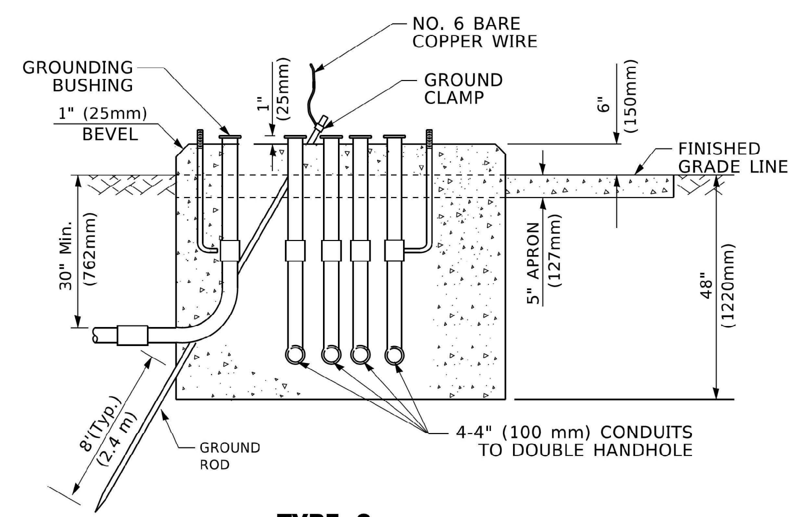
TYPE D
FOR GROUND MOUNTED
CONTROLLER CABINET
AND UPS BATTERY CABINET



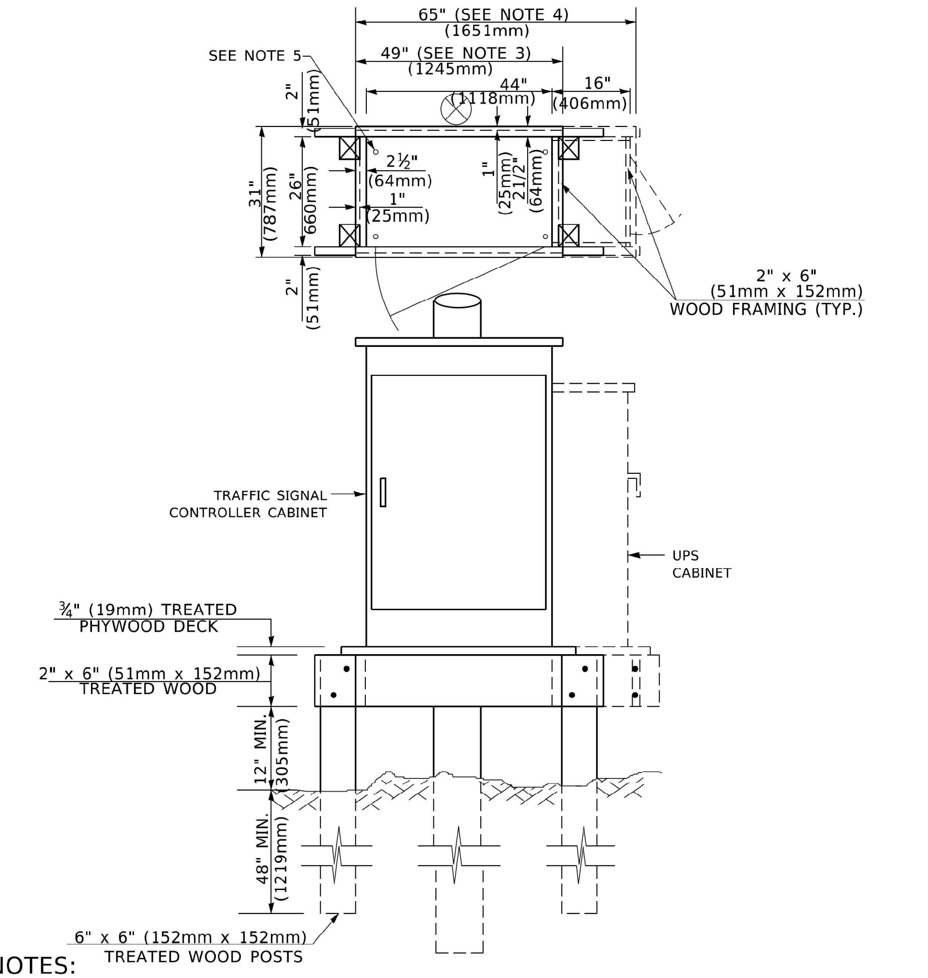
TOP VIEW

NOTE:

TOP OF FOUNDATION SHALL BE HIGHER THAN TOP OF DOUBLE HANDHOLE



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



NOTES:

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

TEMPORARY SIGNAL CONTROLLER
WOOD SUPPORT PLATFORM

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

CABLE SLACK

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

VERTICAL CABLE LENGTH

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

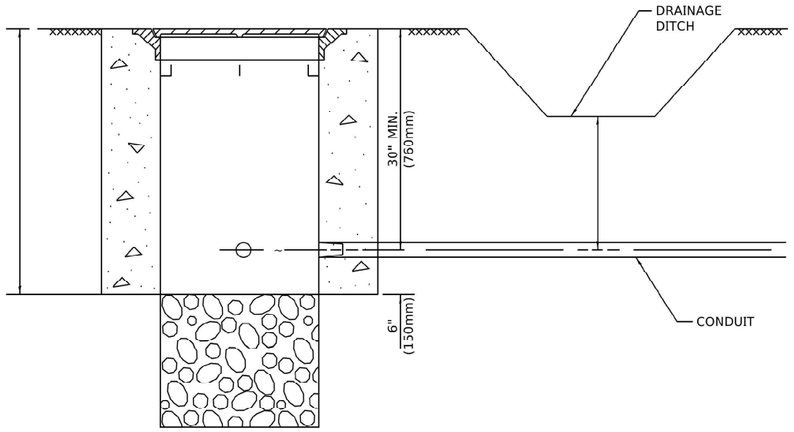
DEPTH OF FOUNDATION

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

NOTES:

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

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

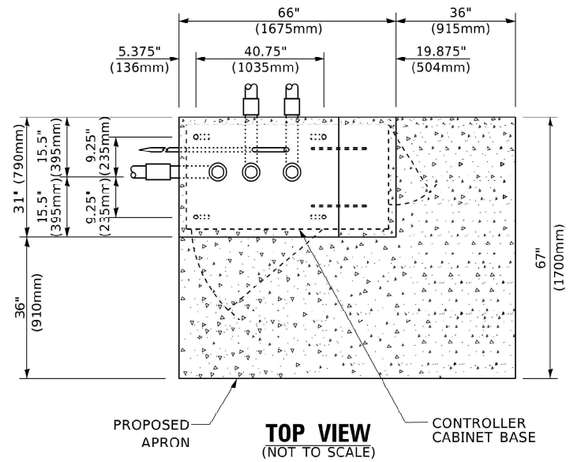


NOTES:

1. CONDUIT DEPTH SHALL BE A MINIMUM OF 30" (760mm) BELOW THE BOTTOM OF THE DRAINAGE DITCH OR ANY SLOPING GROUND
2. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL CONDUIT PLACED UNDER ROADWAY PAVEMENT, MULTI-USE PATHS, SIDEWALKS AND SOIL SURFACES.
3. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL HANDHOLES, HEAVY DUTY HANDHOLES AND DOUBLE HANDHOLES.

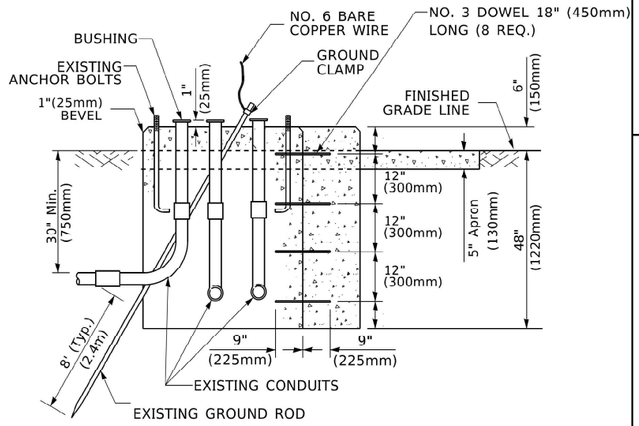
HANDHOLE WITH MINIMUM CONDUIT DEPTH

(NOT TO SCALE)



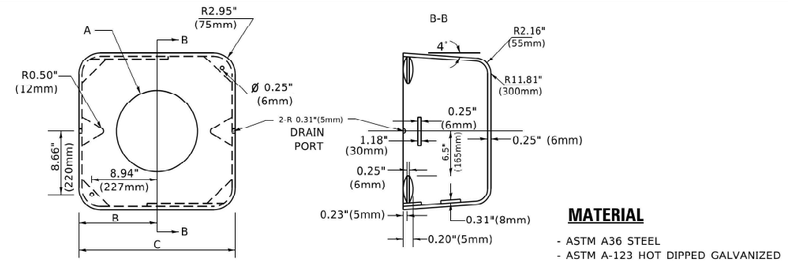
TOP VIEW

(NOT TO SCALE)



MODIFY EXISTING TYPE "D" FOUNDATION TO TYPE "C" FOUNDATION

(NOT TO SCALE)



MATERIAL

- ASTM A36 STEEL
- ASTM A-123 HOT DIPPED GALVANIZED

A	B	C	HEIGHT	WEIGHT
VARIES	9.5"(241mm)	19"(483mm)	7" (178mm) - 12" (300mm)	53 lbs (24kg)
VARIES	10.75"(273mm)	21.5"(546mm)	7" (178mm) - 12" (300mm)	68 lbs (31 kg)
VARIES	13.0"(330mm)	26"(660mm)	7" (178mm) - 12" (300mm)	81 lbs (37 kg)
VARIES	18.5"(470mm)	37"(940mm)	7" (178mm) - 12" (300mm)	126 lbs (57 kg)

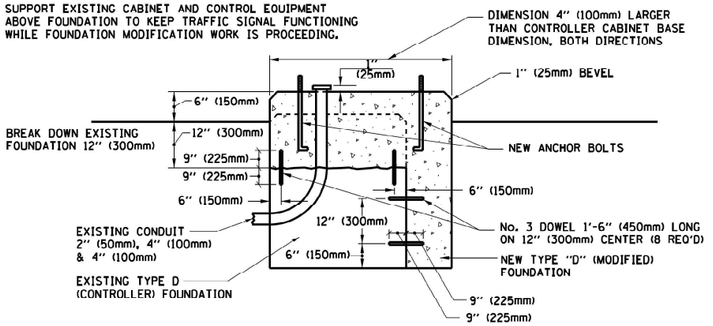
SHROUD

NOTES:

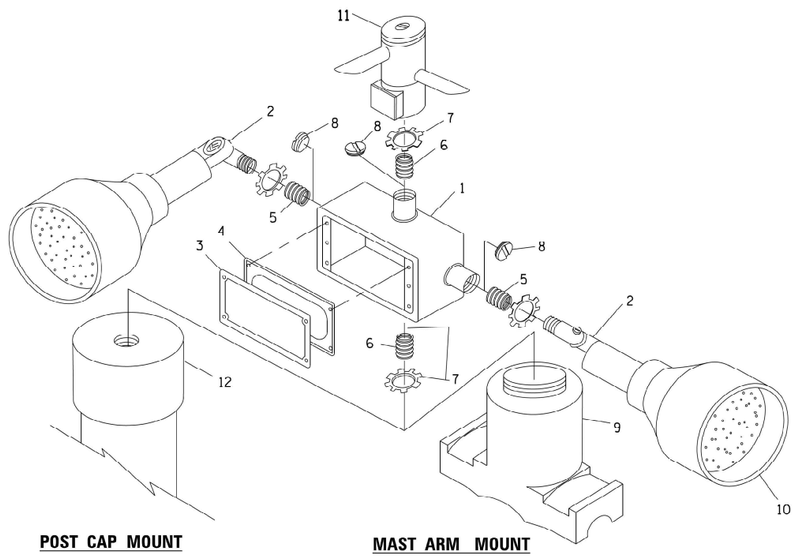
1. DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
2. THE SUPPLIER SHALL VERIFIED THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE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

NOTE:

SUPPORT EXISTING CABINET AND CONTROL EQUIPMENT ABOVE FOUNDATION TO KEEP TRAFFIC SIGNAL FUNCTIONING WHILE FOUNDATION MODIFICATION WORK IS PROCEEDING.



MODIFY EXISTING TYPE "D" FOUNDATION



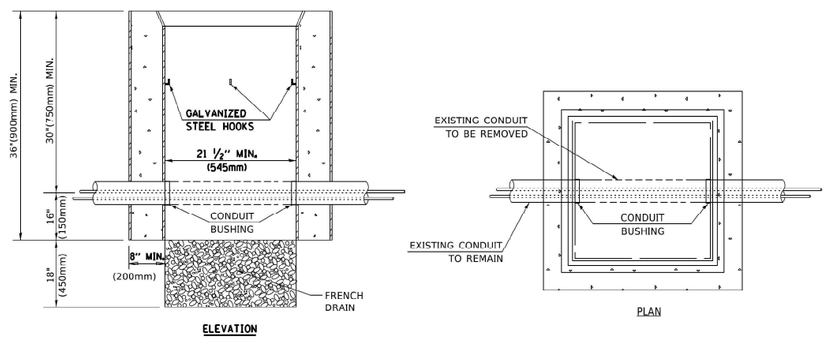
POST CAP MOUNT **MAST ARM MOUNT**

EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL

ITEM NO.	IDENTIFICATION
1	OUTLET BOX- GALV. 21 CU.IN. (0.000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	½"(19 mm) CLOSE NIPPLE
7	¾"(19 mm) LOCKNUT
8	¾"(19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT
12	POST CAP [18 FT. (5.4 m) POST MIN.]

NOTES:

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



ELEVATION PLAN

NOTES:

1. HANDHOLE CONSTRUCTED PER STATE STANDARD 814001.
2. REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCLUDED WITH THE COST OF THE HANDHOLE.

HANDHOLE TO INTERCEPT EXISTING CONDUIT

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET 6 OF 7 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350		COOK	144	125
	TS-05	CONTRACT NO. 62V36		
		ILLINOIS FED. AID PROJECT		

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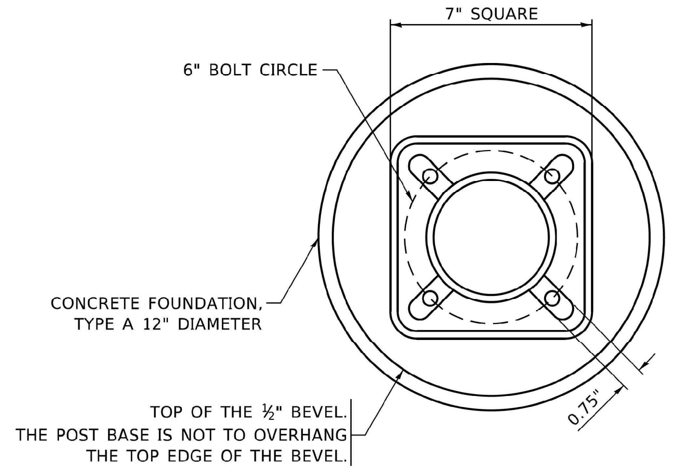
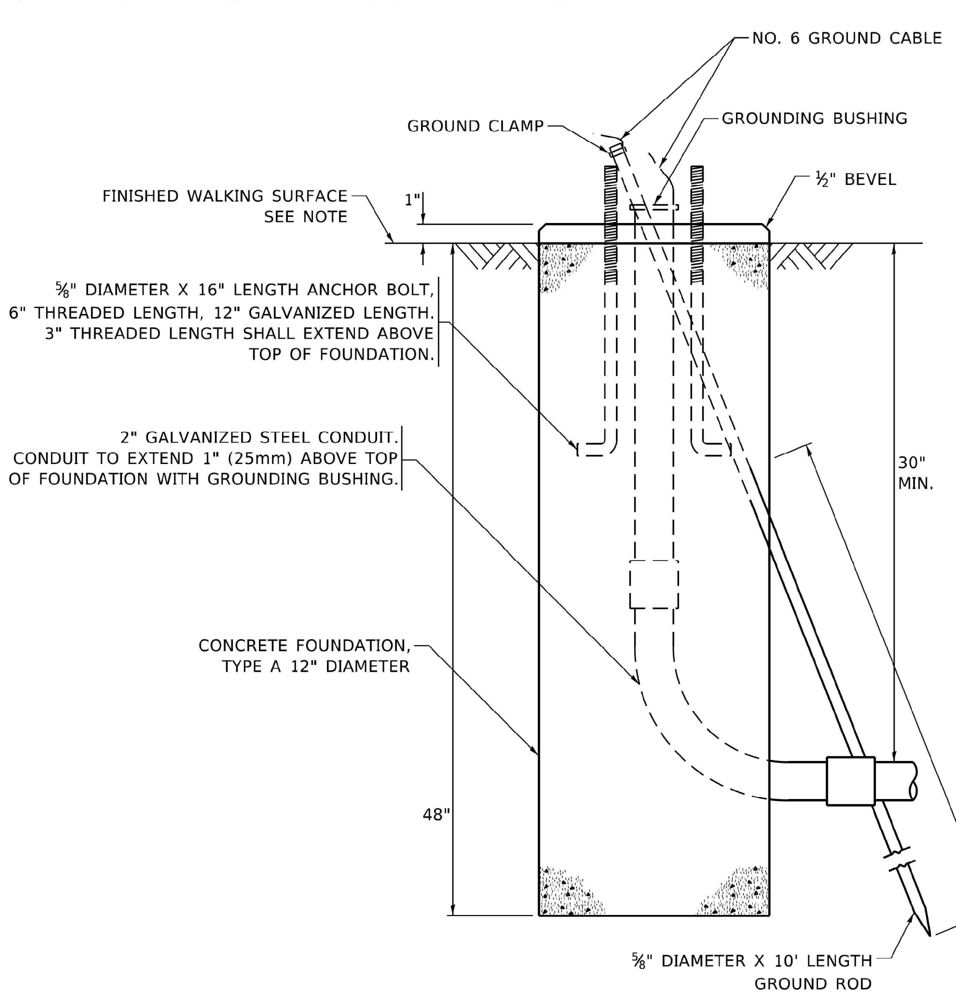


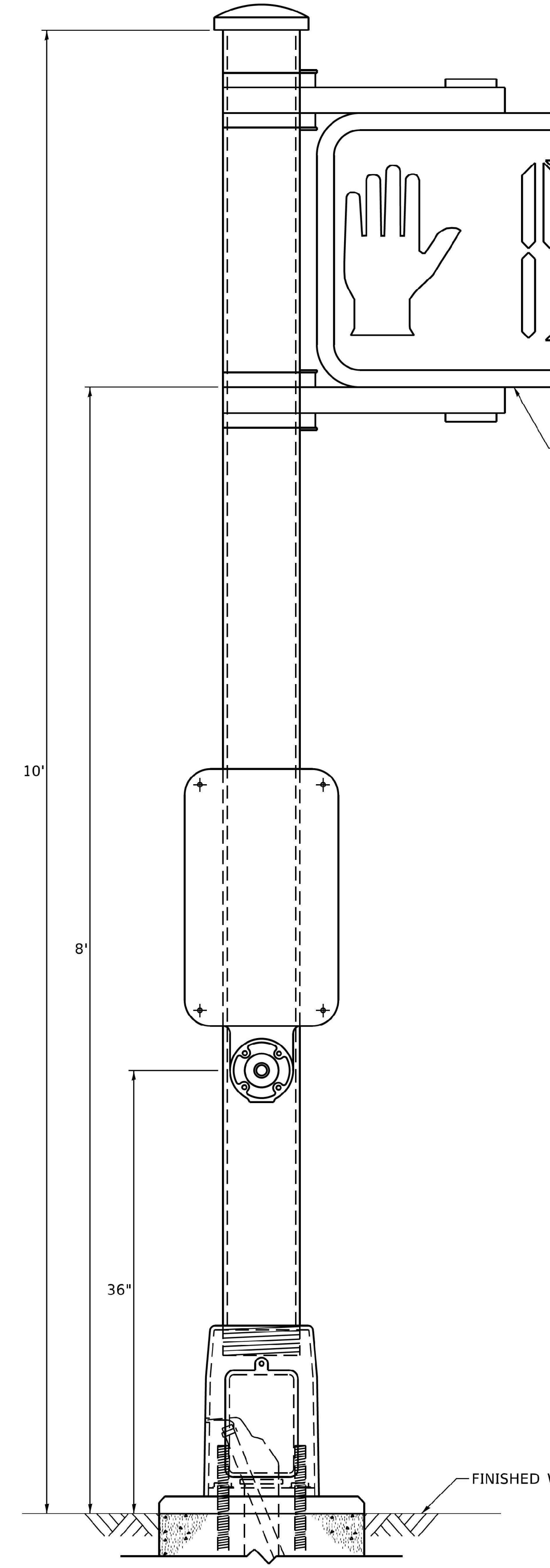
BOLT PATTERN

NOTE:

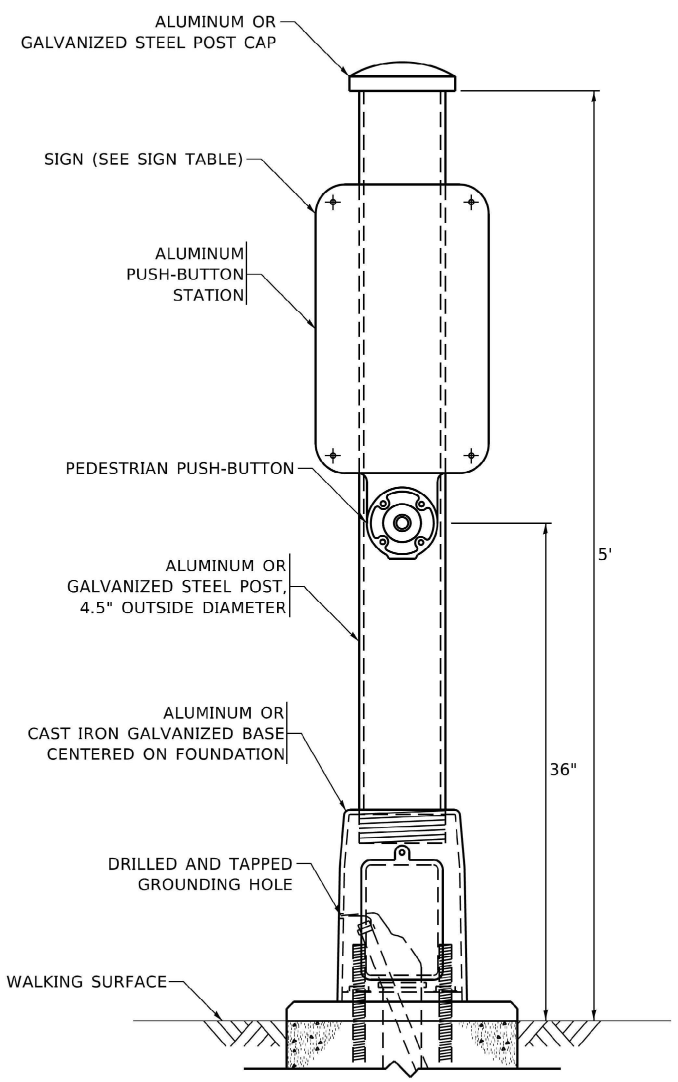
1. IF THE PEDESTRIAN SIGNAL POST FOUNDATION IS INSTALLED WITHIN OR BEHIND A BARRIER CURB, THE TOP OF THE FOUNDATION SHALL BE INSTALLED FLUSH WITH THE TOP OF THE BARRIER CURB.



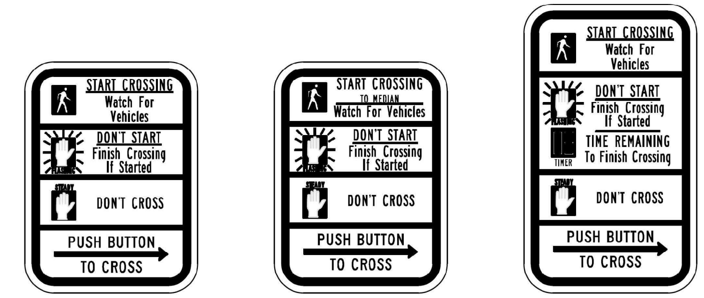
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER



PEDESTRIAN SIGNAL POST, 10 FT.



PEDESTRIAN SIGNAL POST, 5 FT.



R10-3b **R10-3d** **R10-3e**

SIGN TABLE

SIGN	DIMENSIONS
R10-3b (RAILROAD ONLY)	9" X 12"
R10-3d (RAILROAD ONLY)	9" X 12"
R10-3e	9" X 12"

NOTES:

1. THE SIGN PANELS SHALL BE TYPE AP SHEETING.
2. THE ARROW ON SIGNS FOR PUSH-BUTTONS SERVING TWO DIRECTIONS ON THE SAME PHASE SHALL BE BI-DIRECTIONAL.
3. THE SIGN FOR DUAL-CALL PUSH-BUTTONS SHALL HAVE NO ARROW.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350		COOK	144	126
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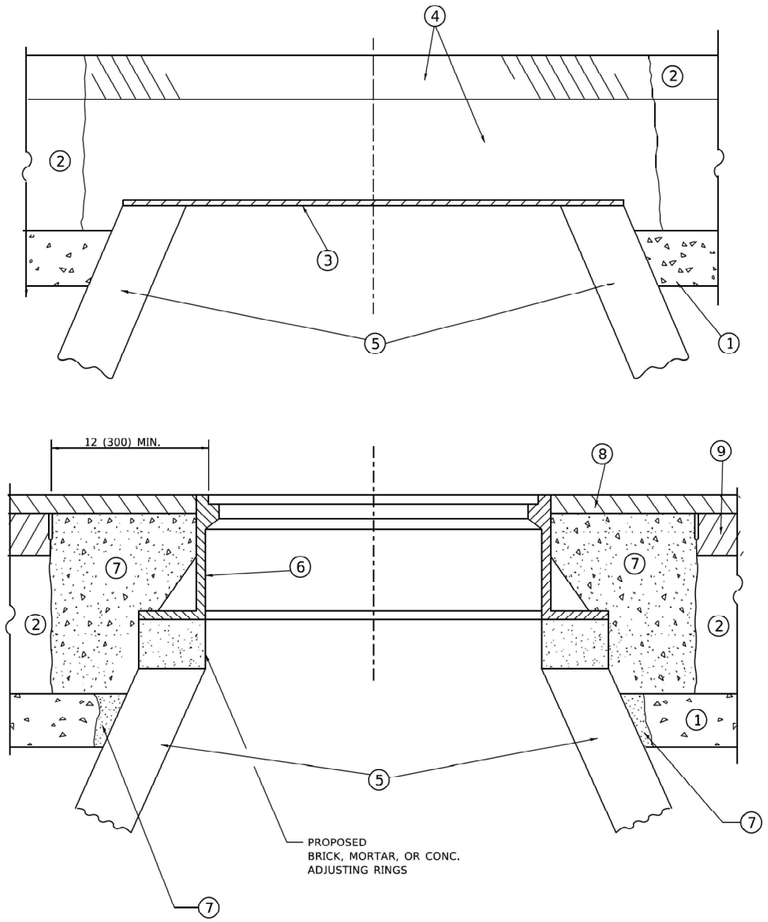


DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

NOTES

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

CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
D) BACKFILL WITH CRUSHED STONE AND HMA SURFACE MIX APPROVED BY THE ENGINEER. (MIN. 3 (80) HMA TO REMAIN AFTER MILLING).

STAGE 2 (AFTER PAVEMENT MILLING)

A) REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
B) INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
C) THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-2* CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

*UNLESS OTHERWISE SPECIFIED IN THE PLANS.

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

LEGEND

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

LOCATION OF STRUCTURES

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

BASIS OF PAYMENT

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

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

MODEL: Default
FILE NAME: W:\dist\std\22x34\bd08.dgn

OSEH inc. 405 E CARLTON AVE SUITE 205 WHEATON, IL 60187 WWW.OSEHINC.COM

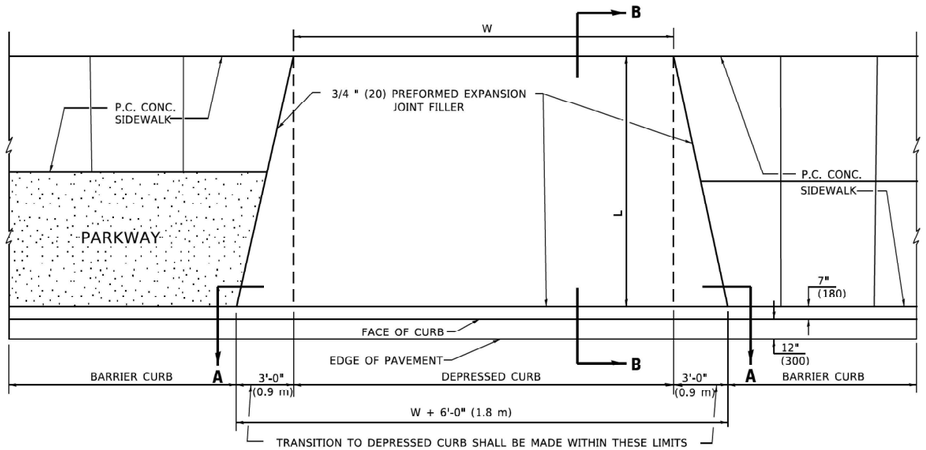
USER NAME = Lawrence.DeManche	DESIGNED - R. SHAH	REVISED - R. BORO 03-09-11	
	DRAWN -	REVISED - R. BORO 12-06-11	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - K. SMITH 11-18-22	
PLOT DATE = 9/15/2023	DATE - 10-25-94	REVISED - K. SMITH 09-15-23	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

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

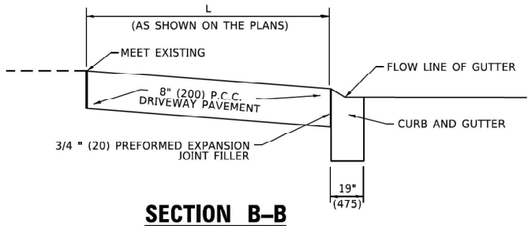
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	127
	BD600-03 (BD-08)	CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			



PLAN VIEW

NOTES:

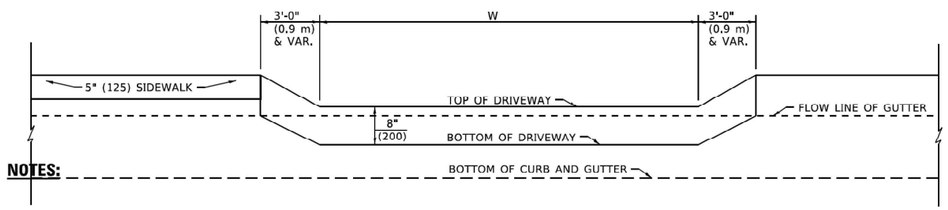
1. EXPANSION JOINTS SHALL BE CONSTRUCTED AS SHOWN ON THE DETAILS FOR P.C.C. SIDEWALK.
2. THE CURB BETWEEN ADJACENT DRIVEWAYS SHALL BE FULL HEIGHT FOR A DISTANCE OF AT LEAST FOUR 4 FEET (1.2 METERS).
3. P.C. CONCRETE DRIVEWAYS SHALL BE CONSTRUCTED AT LOCATIONS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.



SECTION B–B

BASIS OF PAVEMENT

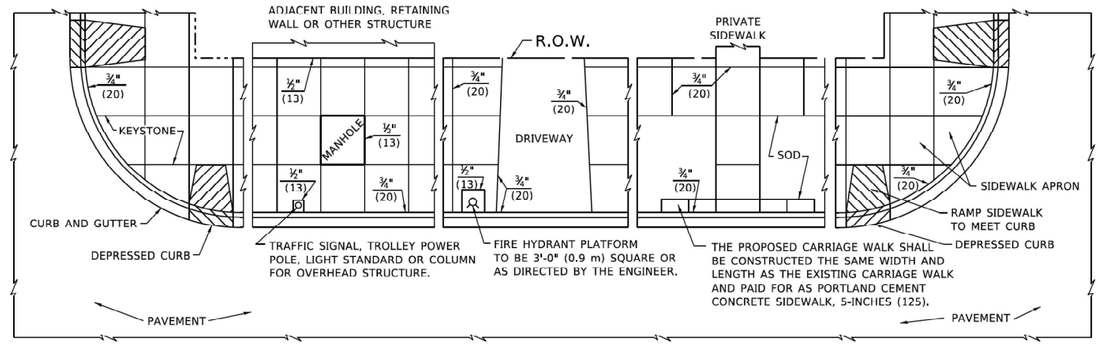
1. 3/4 " (20) PREFORMED EXPANSION JOINTS WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN P.C.C. DRIVEWAY PAVEMENT 8" (200).
2. COMBINATION CONC. CURB AND GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE TRANSITION CURB AND GUTTER.

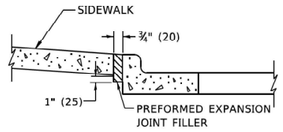


NOTES:

SECTION A–A

P.C.C. DRIVEWAY PAVEMENT DETAIL



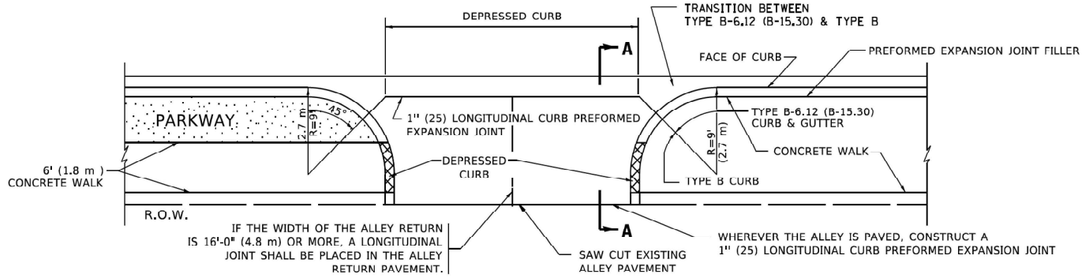


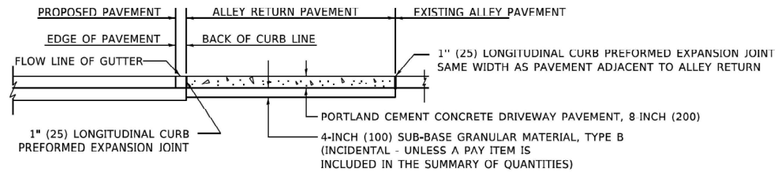
SLOPE FOR SIDEWALK
1" (25) IN 3'-0" (0.9 m) IN CHICAGO

NOTES:

1. ONE-HALF INCH THICK EXPANSION JOINTS SHALL BE PLACED BETWEEN THE SIDEWALK AND ALL STRYCTURES SUCH AS LIGHT STANDARDS, TRAFFIC LIGHT STANDARDS, MANHOLES, WHICH EXTEND THROUGH THE SIDEWALK.
2. 3/4" (20) THICK EXPANSION JOINTS SHALL BE PLACED AT INTERVALS OF NOT MORE THAN 100 FEET (30 METERS) IN THE SIDEWALK. WHERE THE SIDEWALK IS CONSTRUCTED ADJACENT TO PAVEMENT OR CURB HAVING EXPANSION JOINTS, THE EXPANSION JOINTS IN THE SIDEWALK SHALL BE PLACED OPPOSITE THE EXISTING EXPANSION JOINTS AS NEARLY AS PRACTICABLE. EXPANSION JOINTS SHALL ALSO BE PLACED WHERE THE SIDEWALK ABUTS EXISTING SIDEWALKS, BETWEEN DRIVEWAY PAVEMENT AND SIDEWALK, AND BETWEEN SIDEWALK AND CURBS WHERE THE SIDEWALK ABUTS THE CURB.

PORTLAND CEMENT CONCRETE SIDEWALK DETAILS





SECTION A–A

BASIS OF PAVEMENT

1. SUB-BASE GRANULAR MATERIAL TYPE B SHALL BE PAID FOR SEPERATELY.
2. NO EXTRA COMPENSATION SHALL BE ALLOWED FOR THE GUTTER FLARE.

ALLEY RETURN DETAIL

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

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USER NAME = Lawrence.DeManche	DESIGNED - M. DE YONG	REVISED - K. SMITH 11-18-22	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CITY OF CHICAGO	
	DRAWN -	REVISED -		DETAILS FOR P.C. CONCRETE DRIVEWAY, ALLEY RETURN AND SIDEWALK	
PLOT SCALE = 100.0000 ' / In.	CHECKED -	REVISED -		SCALE: NONE	SHEET 1 OF 1 SHEETS STA. TO STA.
PLOT DATE = 11/18/2022	DATE - 06-13-90	REVISED -			

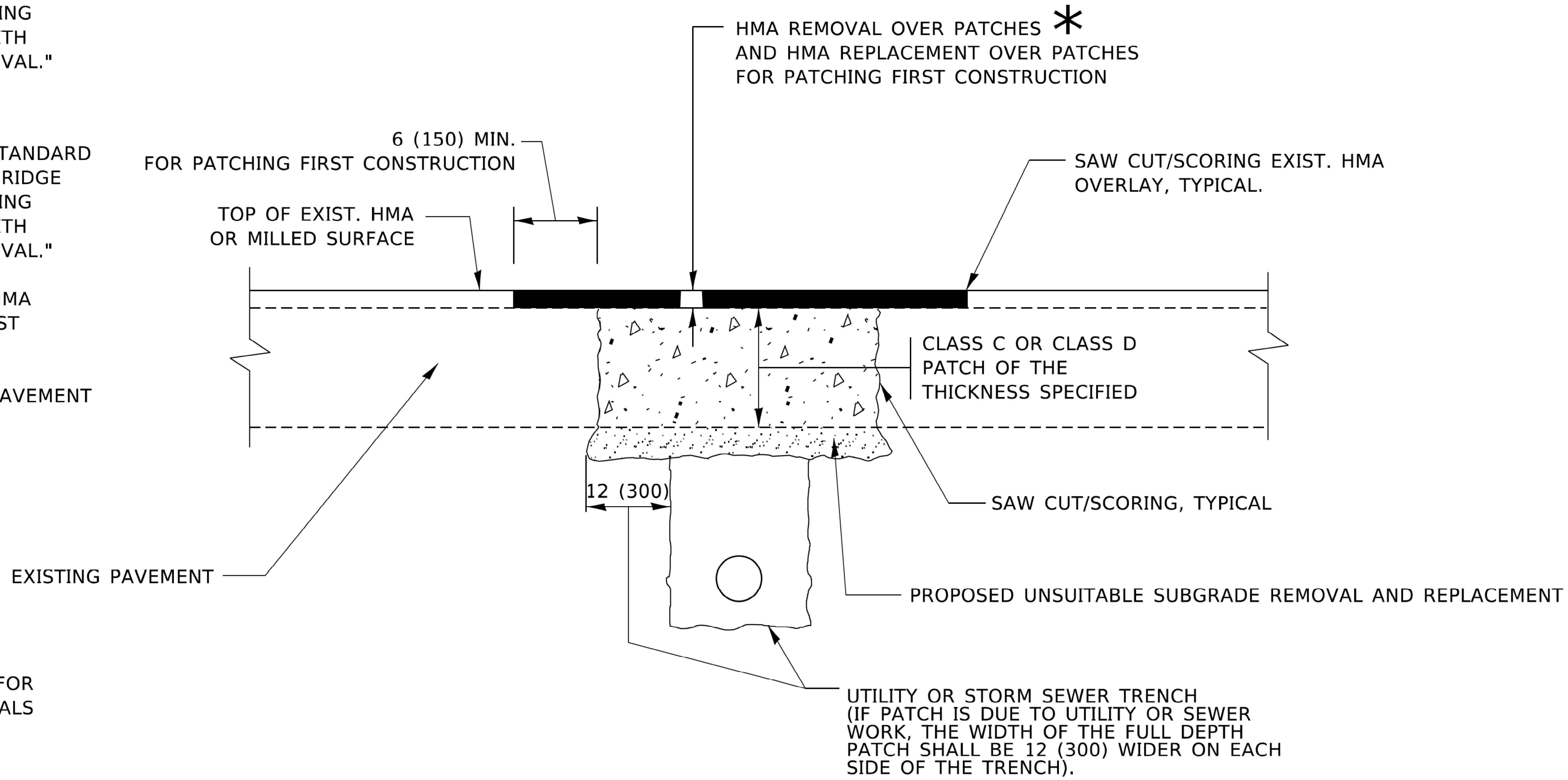
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	128
	BD400-03 (BD-17)	CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			

METHOD OF MEASUREMENT

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

BASIS OF PAYMENT

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



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

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

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

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

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

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OSEH inc.	USER NAME = Lawrence.DeManche	DESIGNED - R. SHAH	REVISED - R. BORO 01-01-07	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
		DRAWN -	REVISED - R. BORO 09-04-07		
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - K. ENG 10-27-08		
	PLOT DATE = 11/18/2022	DATE - 10-25-94	REVISED - K. SMITH 11-18-22		SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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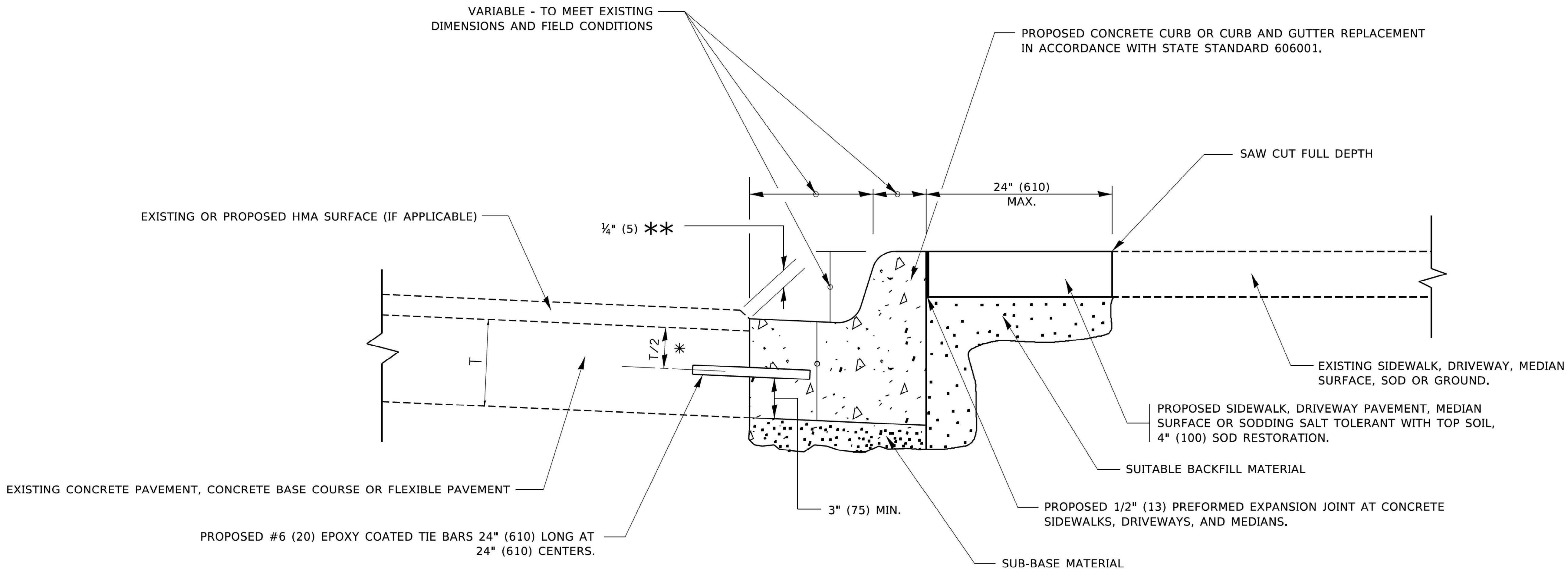
BD400-04 (BD-22)		CONTRACT NO. 62V36		
		ILLINOIS	FED. AID PROJECT	



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

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

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

OSEH inc.

USER NAME = footemj	DESIGNED - A. HOUSEH	REVISED - A. ABBAS 03-21-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
	DRAWN -	REVISED - M. GOMEZ 01-22-01		
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - R. BORO 12-15-09		
PLOT DATE = 7/11/2019	DATE - 03-11-94	REVISED - K. SMITH 07-11-19		SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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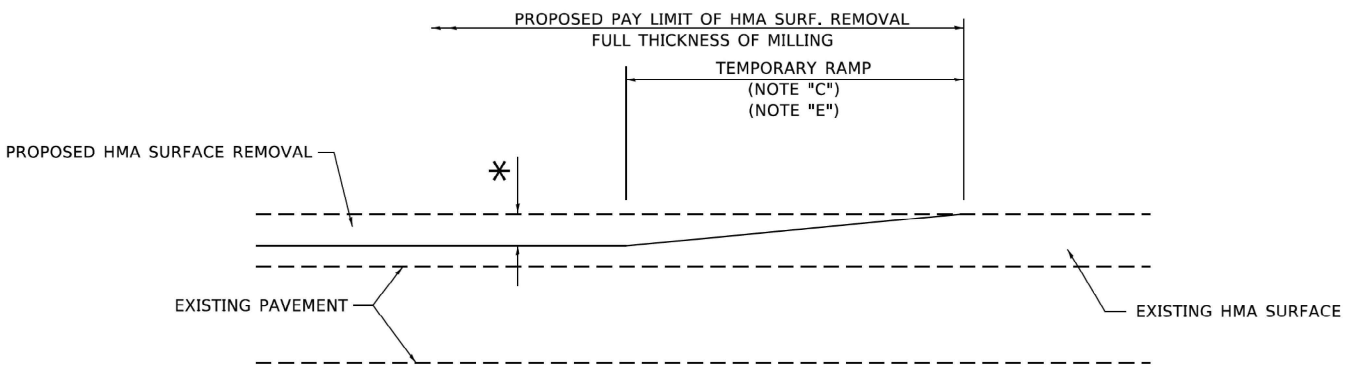
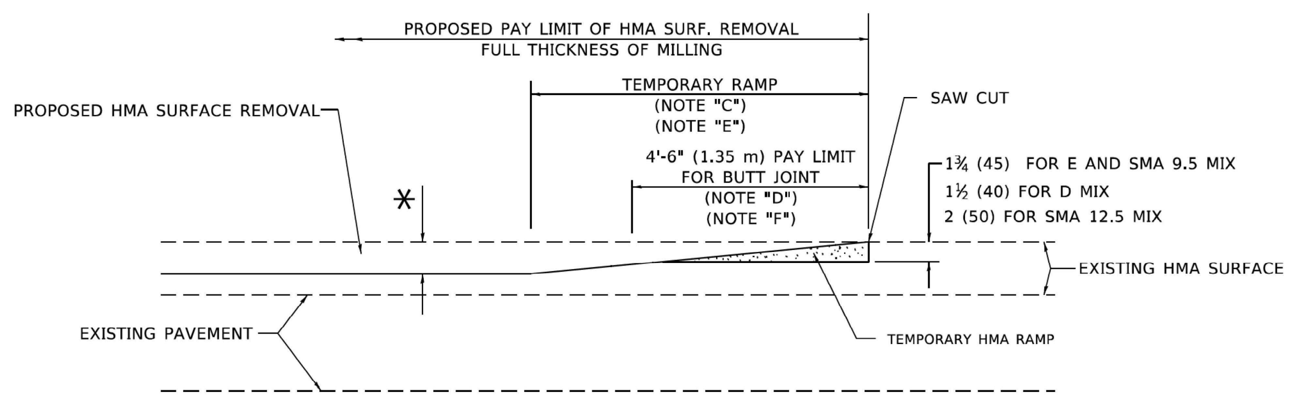
	BD600-06 (BD-24)	CONTRACT NO. 62V36		
		ILLINOIS	FED. AID PROJECT	



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

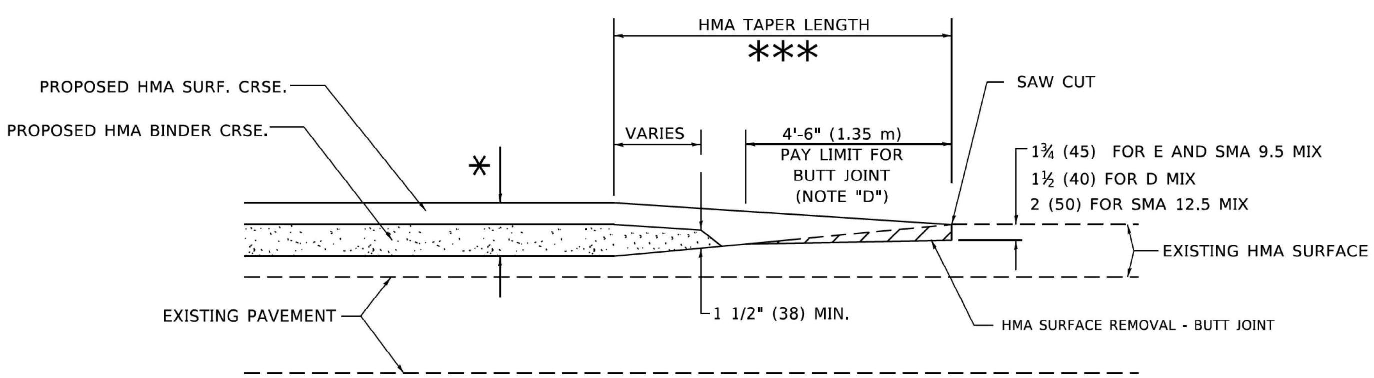


HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

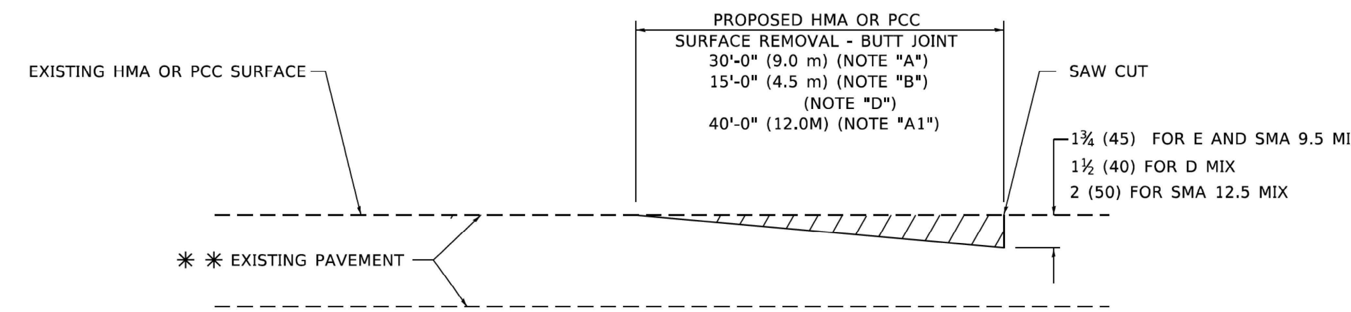
OPTION 2

TYPICAL TEMPORARY RAMP

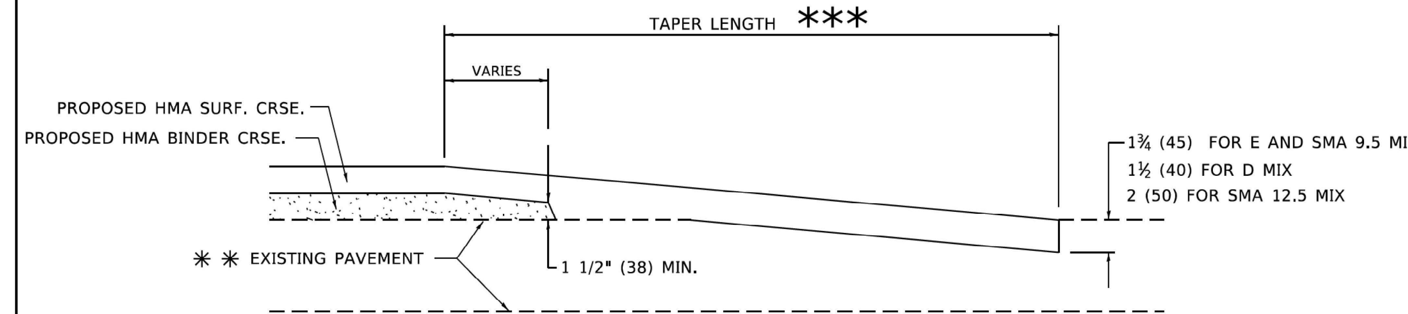


BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

GENERAL NOTES

A. MAINLINE ARTERIAL ROADWAYS AND MAJOR SIDE ROADS.

A1. INTERSTATES

B. MINOR SIDE ROADS.

C. THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.

D. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.

E. TAPER THE TEMP. RAMP AT A RATE OF 3' - 4" (1.02m) PER 1 INCH (25 mm) OF MILLING THICKNESS.

* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.

F. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".

*** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT

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

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

MODEL: Default

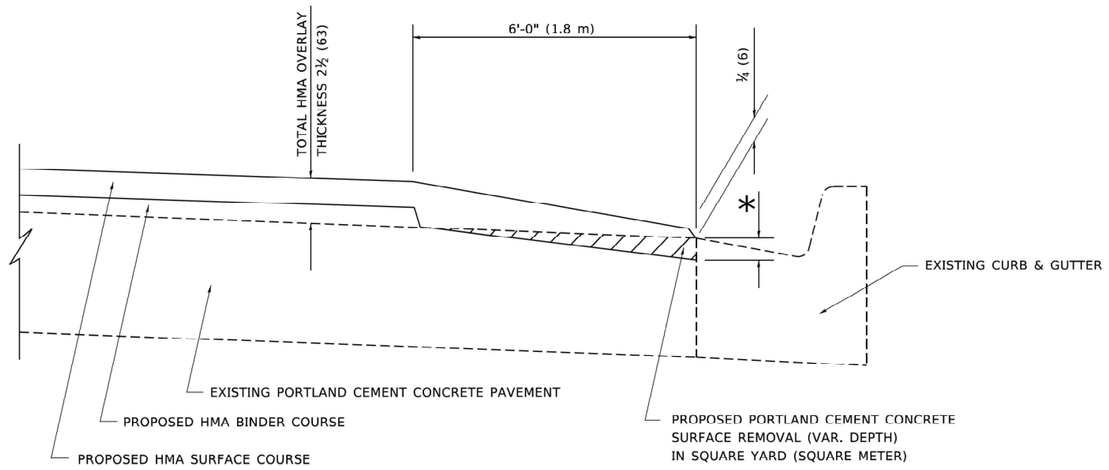
OSEH inc.	USER NAME = Lawrence.DeManche	DESIGNED - M. DE YONG	REVISED - A. ABBAS 03-21-97
		DRAWN -	REVISED - M. GOMEZ 04-06-01
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - R. BORO 01-01-07
	PLOT DATE = 11/18/2022	DATE - 06-13-90	REVISED - K. SMITH 11-18-22

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.
350	FAP 0350 23 SMART	COOK	144	131
BD400-05 BD-32		CONTRACT NO. 62V36		
		ILLINOIS FED. AID PROJECT		



HMA TAPER AT
EDGE OF PCC PAVEMENT

HMA SURFACE COURSE		HMA BINDER COURSE	
MIX	THICKNESS	THICKNESS	* MILLING AT GUTTER FLAG
D	1½ (38)	1 (25)	1¼ (33)
E OR SMA 9.5	1¾ (44)	¾ (19)	1½ (38)

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

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

USER NAME = Shawn.Ley		DESIGNED -	R. SHAH	REVISED -	E. GOMEZ 12-21-00
		DRAWN -	JIS	REVISED -	R. BORO 01-01-07
PLOT SCALE = 50.0000 ' / in.		CHECKED -	A. ABBAS	REVISED -	JP CHANG 07-08-16
PLOT DATE = 1/23/2023		DATE -	09-10-94	REVISED -	K. SMITH 11-18-22

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HMA TAPER AT
EDGE OF P.C.C. PAVEMENT

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	132
	BD400-06 BD-33	CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			

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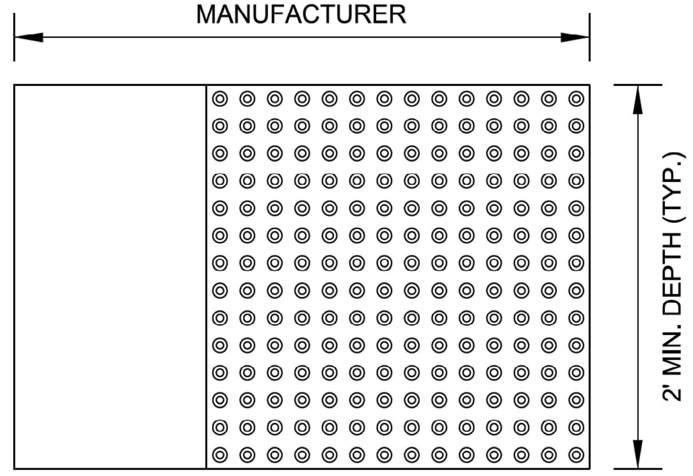
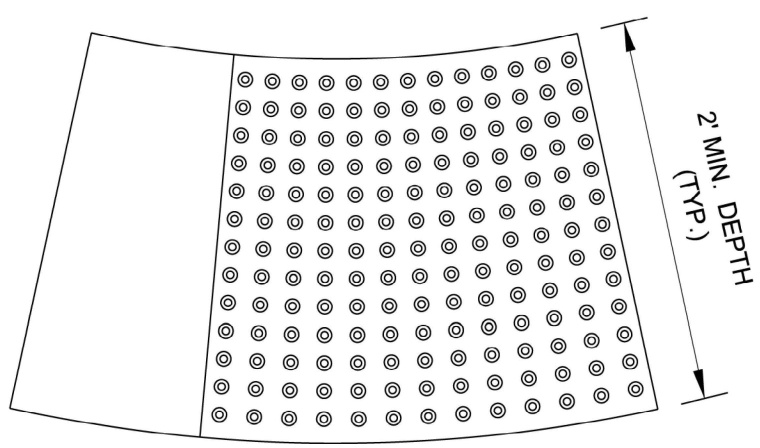
STRAIGHT DETECTABLE WARNING UNITS



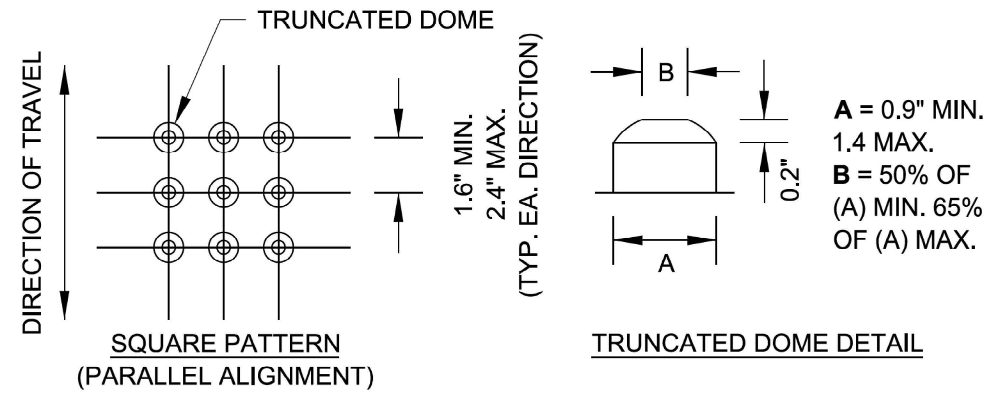
RADIAL DETECTABLE WARNING UNITS



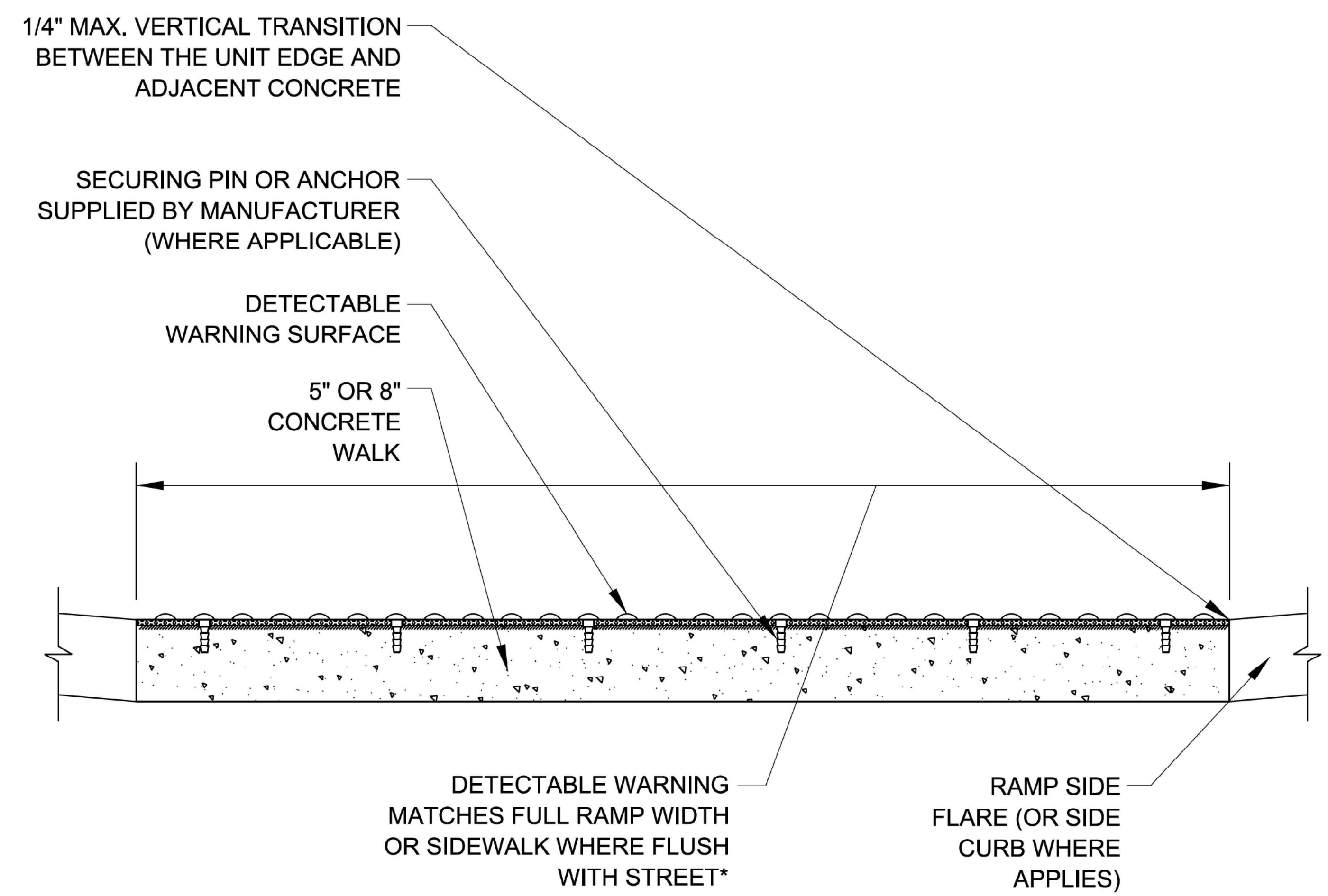
DETECTABLE WARNING UNIT SIZES

- VERIFY ALL DIMENSIONS WITH THE PRODUCT MANUFACTURER.
- IF USING RADIAL UNITS, VERIFY THAT THE CURB RADIUS MATCHES AVAILABLE UNIT RADII WITH THE PRODUCT MANUFACTURER.

GENERAL NOTE:
THE ROWS OF DOMES IN THE DETECTABLE WARNING MATERIAL MUST BE ALIGNED WITH THE PATH OF WHEELCHAIR TRAVEL WHICH IS REQUIRED TO BE PERPENDICULAR TO THE GRADE BREAK AT THE BOTTOM OF THE RAMP TO PERMIT TRACKING BETWEEN DOME ROWS. ON BLENDED TRANSITIONS OR FLUSH TRANSITIONS, WHERE RADIAL UNITS ARE SITUATED ABOUT THE CURB RADIUS, DOME ORIENTATION IS NOT SIGNIFICANT.



UNIT PATTERN & DOME DETAIL



*A BORDER OF 2 INCHES OR LESS AROUND THE DETECTABLE WARNING SURFACE IS ACCEPTABLE IF REQUIRED FOR PROPER INSTALLATION OF THE DETECTABLE WARNING SURFACE PRODUCT

DETECTABLE WARNING UNIT SECTION

OSEH inc.	USER NAME = footemj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
		DRAWN -	REVISED -	
	PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -	
	PLOT DATE = 10/8/2019	DATE - 06-20-2017	REVISED -	

CITY OF CHICAGO
DETECTABLE WARNINGS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	133
	BD 58	CONTRACT NO. 62V36		
		ILLINOIS FED. AID PROJECT		

MODEL: Default
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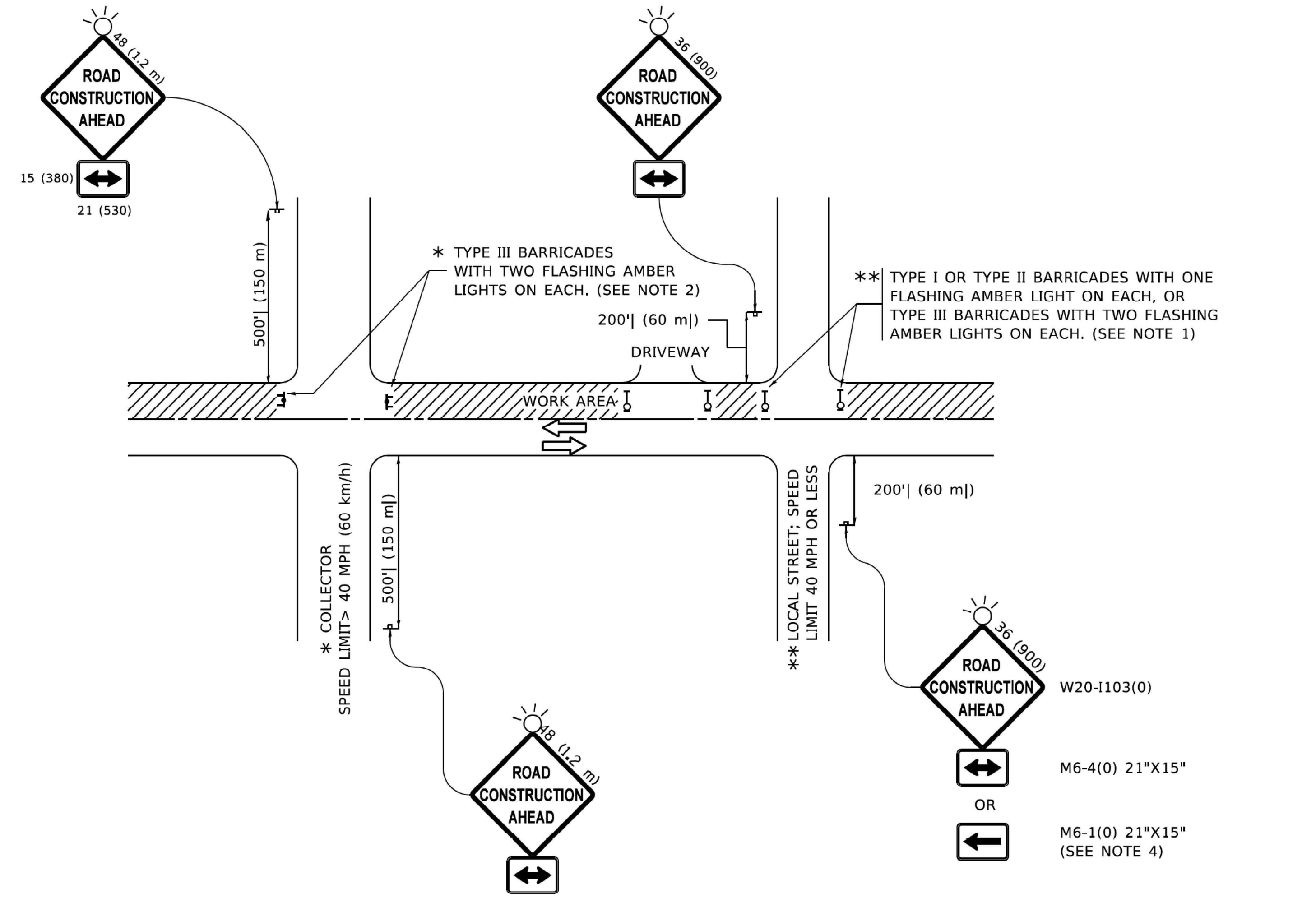

NOTES:

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

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

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

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

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

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

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

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

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

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

7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

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

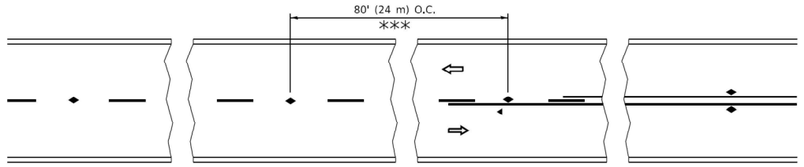
USER NAME = Lawrence.DeManche	DESIGNED - L.H.A.	REVISED - T. RAMMACHER 01-06-00	
	DRAWN -	REVISED - A. SCHUETZE 07-01-13	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - A. SCHUETZE 09-15-16	
PLOT DATE = 5/3/2024	DATE - 06-89	REVISED - D. SENDERAK 05-03-24	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

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

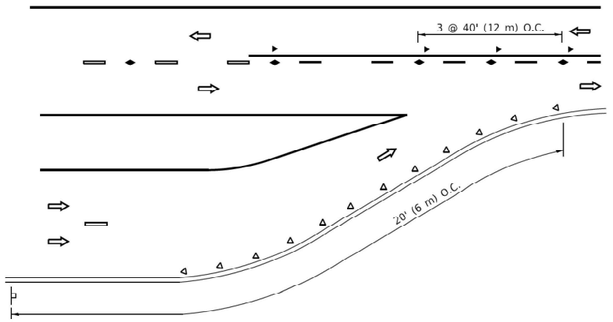
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	134
	TC–10	CONTRACT NO. 62V36		
	ILLINOIS	FED. AID PROJECT		



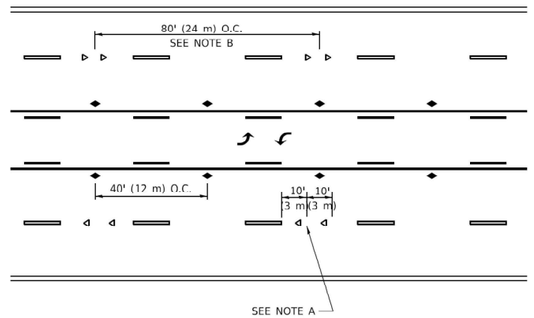
*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

TWO–LANE/TWO–WAY

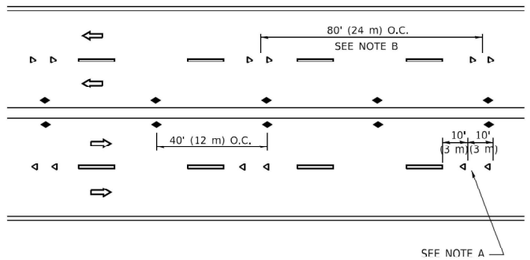
SEE FIGURE 3B-14 MUTCD



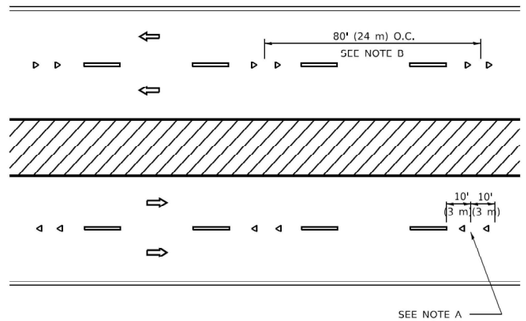
LANE REDUCTION TRANSITION



TWO–WAY LEFT TURN



MULTI–LANE/UNDIVIDED



MULTI–LANE/DIVIDED

GENERAL NOTES

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

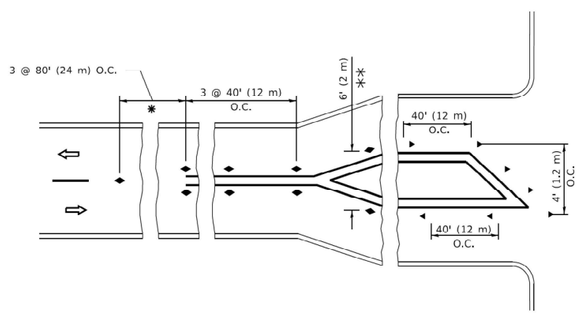
SYMBOLS

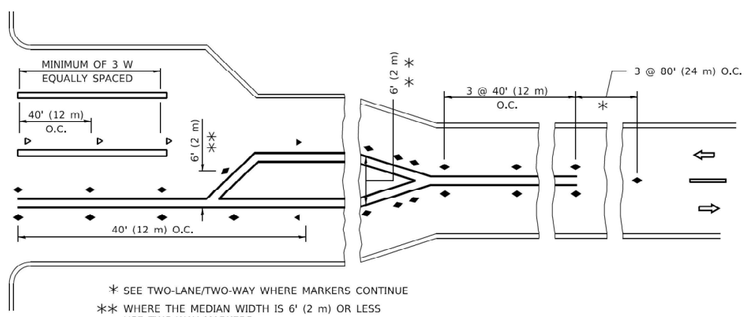
- YELLOW STRIPE
- WHITE STRIPE
- ONE-WAY AMBER MARKER
- ONE-WAY CRYSTAL MARKER (W/O)
- TWO-WAY AMBER MARKER

LANE MARKER NOTES

A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.

B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.





* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE

** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

TURN LANES

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.

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

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

USER NAME = footemj	DESIGNED -	REVISED - T. RAMMACHER 03-12-99	
	DRAWN -	REVISED - T. RAMMACHER 01-06-00	
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - C. JUCIUS 09-09-09	
PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 07-01-13	

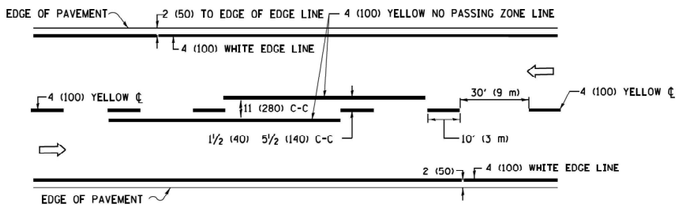
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

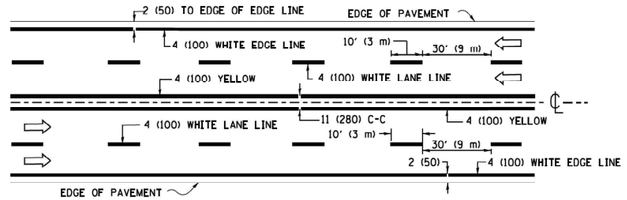
SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	135
	TC-11	CONTRACT NO. 62V36		
	ILLINOIS	FED. AID PROJECT		

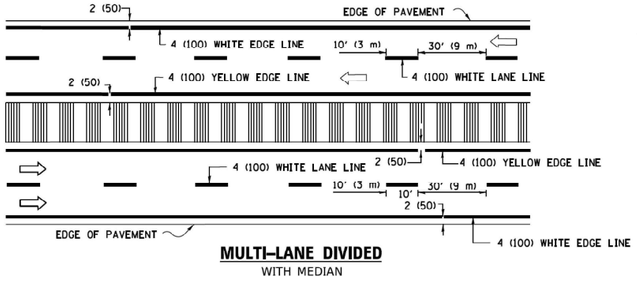
tc11.dgn 3/4/2019 10:59:08 AM User=footemj



2–LANE ROADWAY

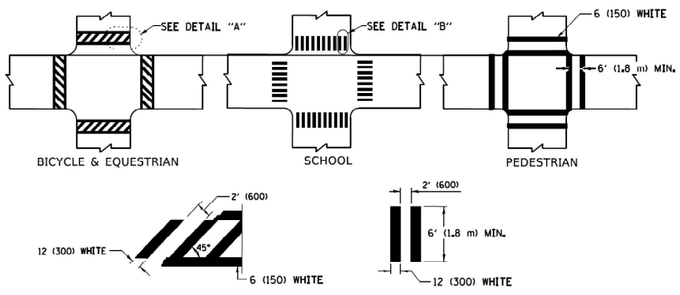


MULTI–LANE UNDIVIDED



MULTI–LANE DIVIDED
WITH MEDIAN

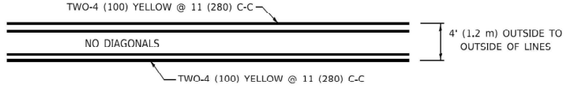
TYPICAL LANE AND EDGE LINE MARKING



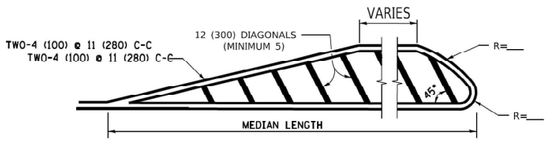
DETAIL "A" **DETAIL "B"**

TYPICAL CROSSWALK MARKING

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



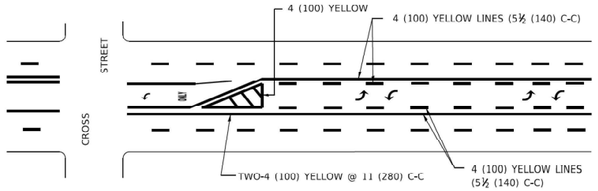
4' (1.2 m) WIDE MEDIANS ONLY



FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

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

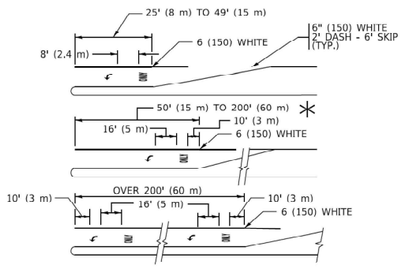
MEDIANS OVER 4' (1.2 m) WIDE



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

MEDIAN WITH TWO–WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

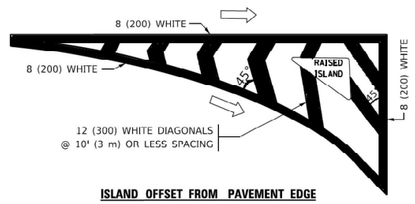


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) **ONLY** AREA = 20.8 SQ. FT. (1.9 m²)

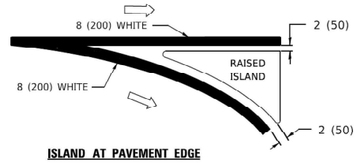
✳ TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

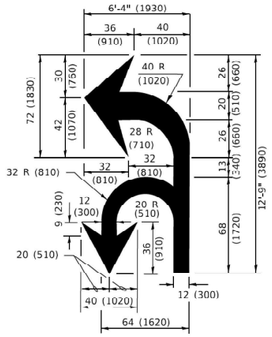


ISLAND OFFSET FROM PAVEMENT EDGE

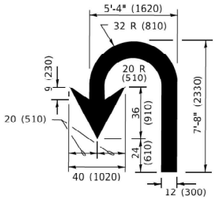


ISLAND AT PAVEMENT EDGE

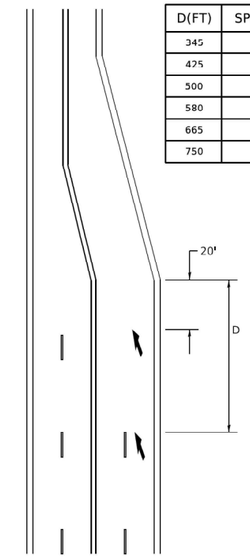
TYPICAL ISLAND MARKING



COMBINATION LEFT AND U–TURN



U–TURN



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

LANE REDUCTION TRANSITION

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

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5½ (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE: FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS: 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m² EACH "X"=54.0 SQ. FT. (5.0 m²
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

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

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

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OSEH inc. 401 S CARLTON AVE SUITE 205 WHEATON, IL 60187 WWW.OSEHINC.COM

USER NAME = footemj	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE TYPICAL PAVEMENT MARKINGS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED - C. JUCIUS 07-01-13			350	FAP 0350 23 SMART	COOK	144	136
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - C. JUCIUS 12-21-15				TC–13	CONTRACT NO. 62V36		
PLOT DATE = 3/4/2019	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16		SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.			ILLINOIS	FED. AID PROJECT	

tc13.dgn 3/4/2019 10:34:37 AM User=footemj

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

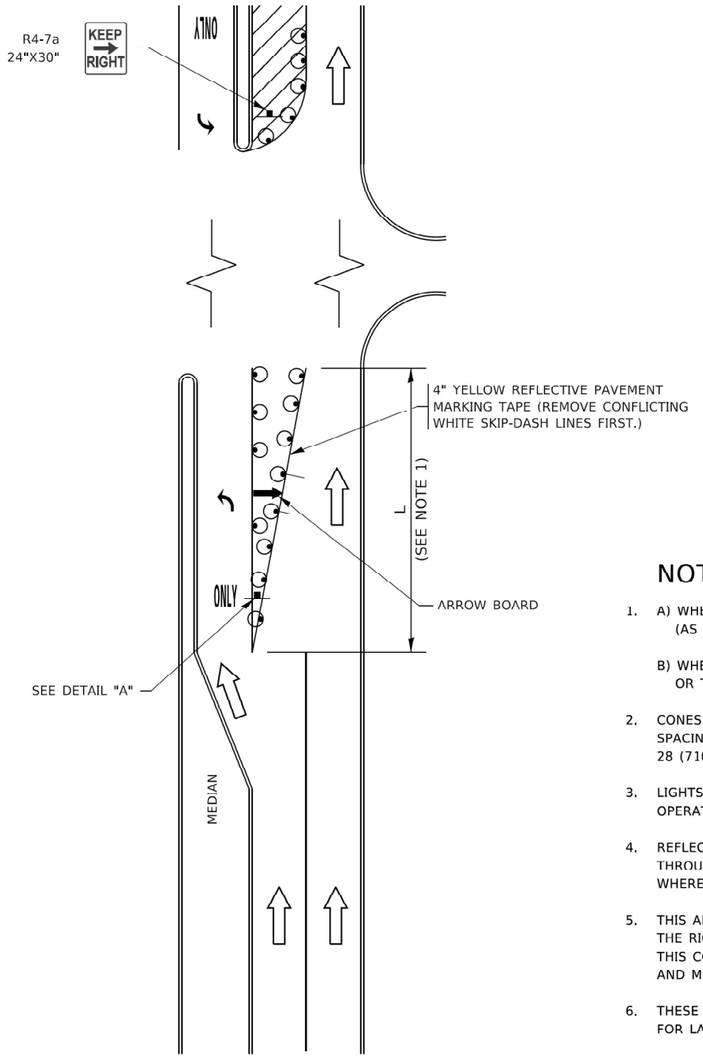


FIGURE 1

LEGEND

- WORK AREA
- LANE OPEN TO TRAFFIC
- ARROW BOARD
- TYPE I OR II BARRICADE OR DRUM WITH STEADY BURN LIGHT
- DRUM WITH STEADY BURN LIGHT
- SIGN ASSEMBLY
- TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

NOTES:

1. A) WHEN "L" IS ≤ THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.

   B) WHEN "L" IS > THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.

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

3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.

4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.

5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-I100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.

6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.

7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH PREQUIREMENTS.

8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

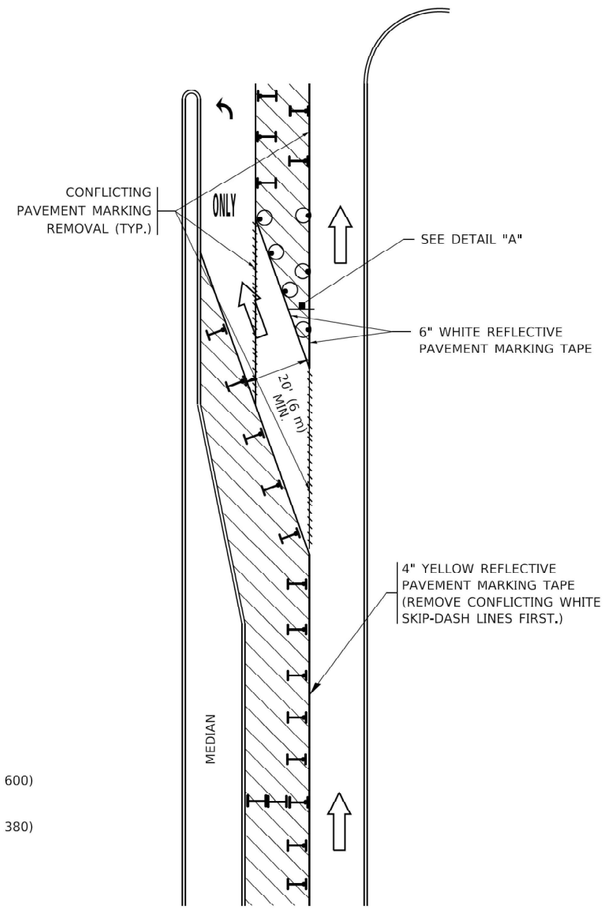
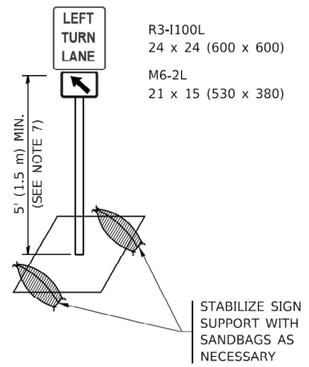


FIGURE 2



DETAIL A

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

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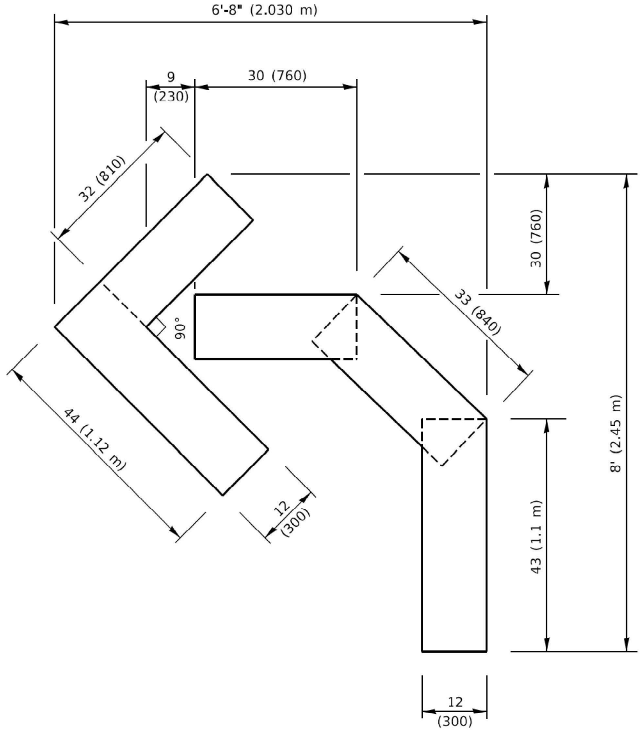
OSEH inc. 401 S CARLTON AVE SUITE 205 WHEATON, IL 60187 WWW.OSEHINC.COM

USER NAME = footem]	DESIGNED - T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)	
	DRAWN - A. HOUSEH 11-07-95	REVISED - A. SCHUETZE 07-01-13			
PLOT SCALE = 50.0000 ' / in.	CHECKED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16			
PLOT DATE = 3/4/2019	DATE - T. RAMMACHER 01-06-00	REVISED -		SCALE: NONE	SHEET 1 OF 1 SHEETS STA. TO STA.

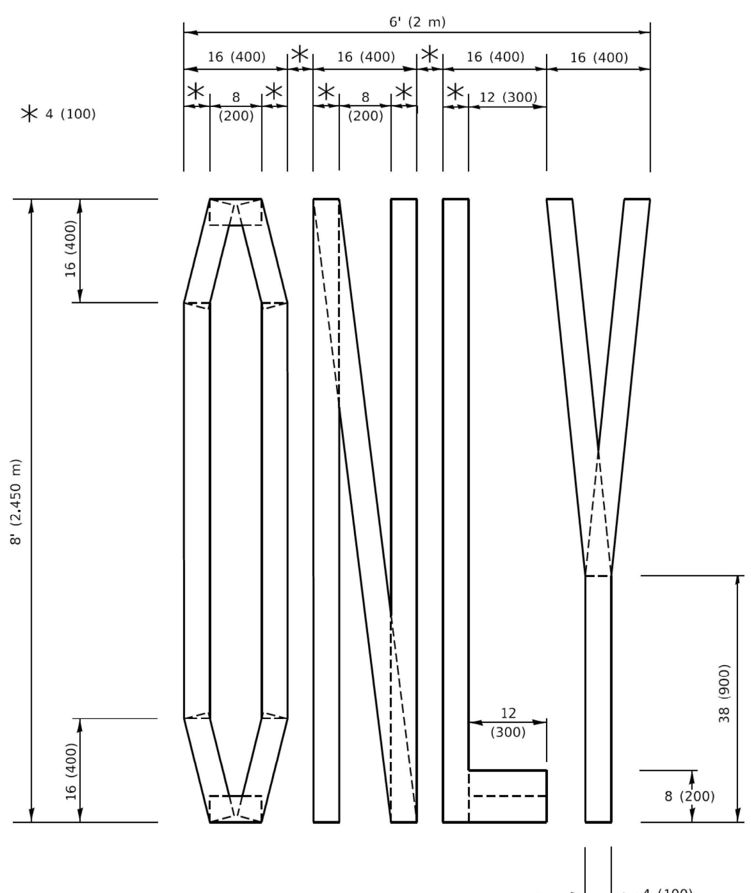
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	137
	TC-14	CONTRACT NO. 62V36		
		ILLINOIS	FED. AID PROJECT	

tc14.dgn 3/4/2019 10:36:01 AM User=footemi



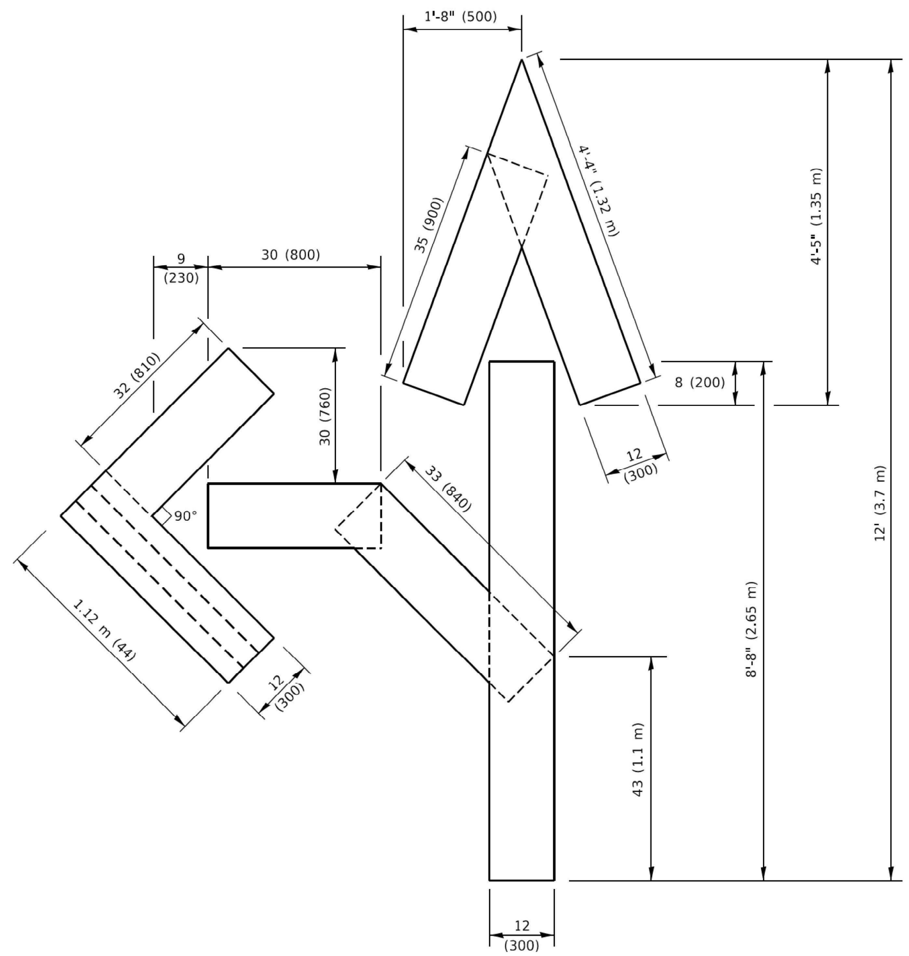
QUANTITY

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



QUANTITY

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

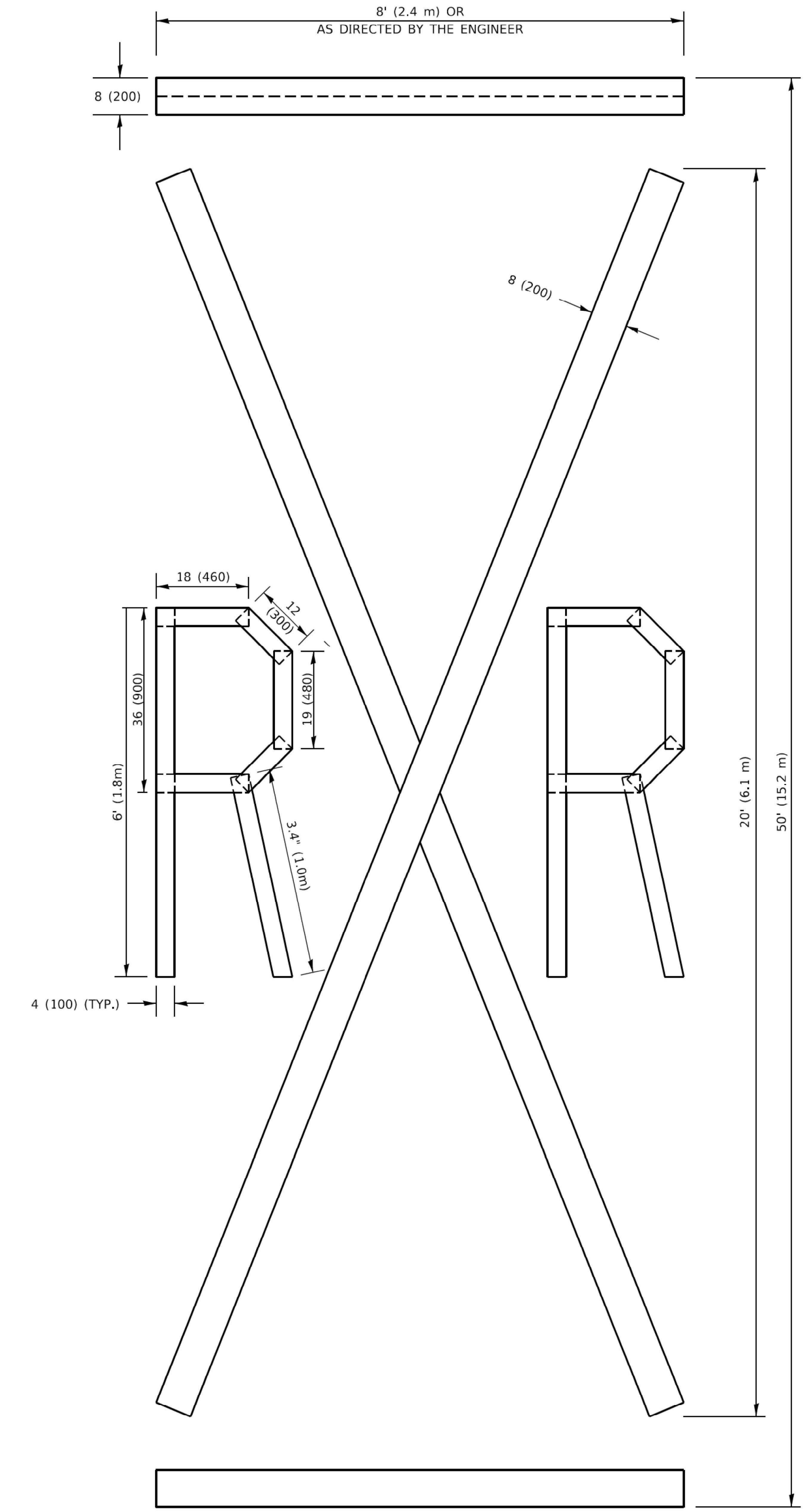


QUANTITY

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

NOTE:

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



QUANTITY

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

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

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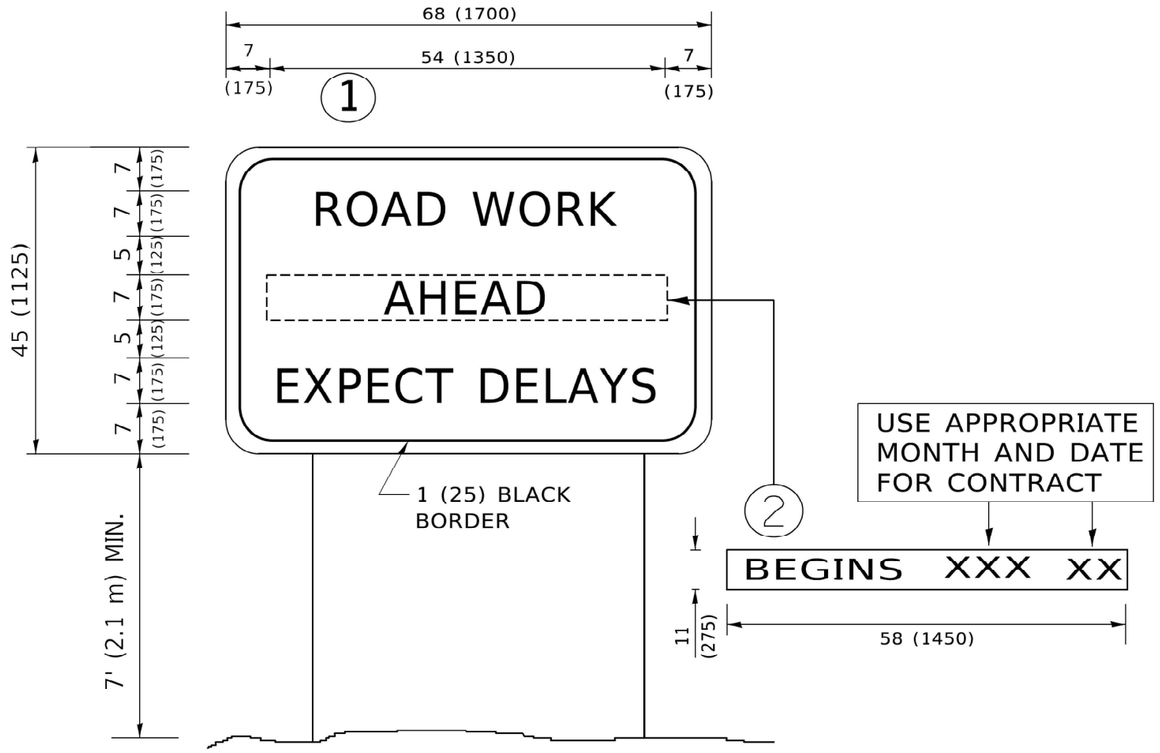
OSEH inc.	USER NAME = footemj	DESIGNED -	REVISED - T. RAMMACHER 03-02-98
		DRAWN -	REVISED - E. GOMEZ 08-28-00
	PLOT SCALE = 50.0068 ' / in.	CHECKED -	REVISED - E. GOMEZ 08-28-00
	PLOT DATE = 3/4/2019	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	138
TC-16		CONTRACT NO. 62V36		
		ILLINOIS FED. AID PROJECT		



NOTES:

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

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

OSEH inc. 401 S CANTON AVE SUITE 205 WINSTON, IL 60187 WWW.OSEHINC.COM

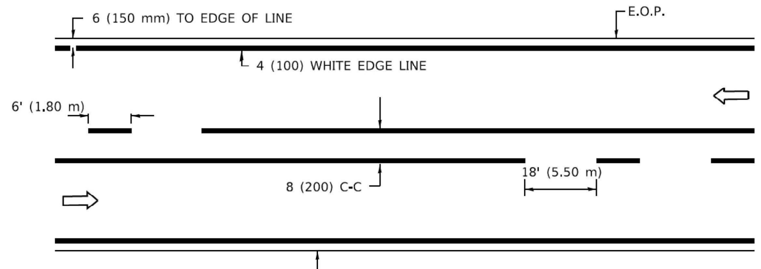
USER NAME = footemj	DESIGNED -	REVISED -	R. MIRS 09-15-97
	DRAWN -	REVISED -	R. MIRS 12-11-97
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED	-T. RAMMACHER 02-02-99
PLOT DATE = 3/4/2019	DATE -	REVISED -	C. JUCIUS 01-31-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

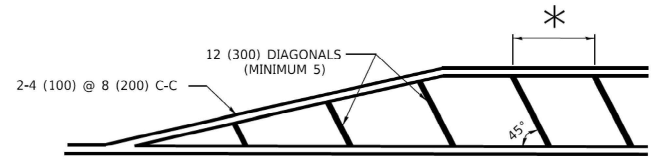
ARTERIAL ROAD INFORMATION SIGN

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	139
	TC-22	CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			



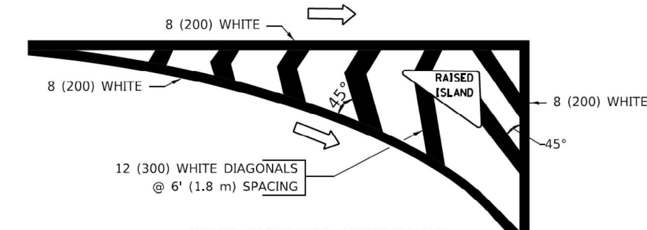
2–LANE ROADWAY



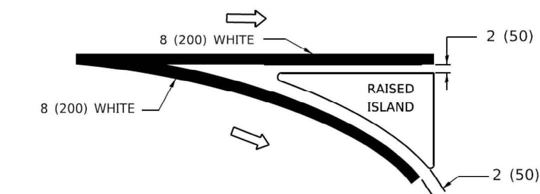
* FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

* DIAGONAL LINE SPACING: 20' (6.1 m) C-C

PAINTED MEDIANS

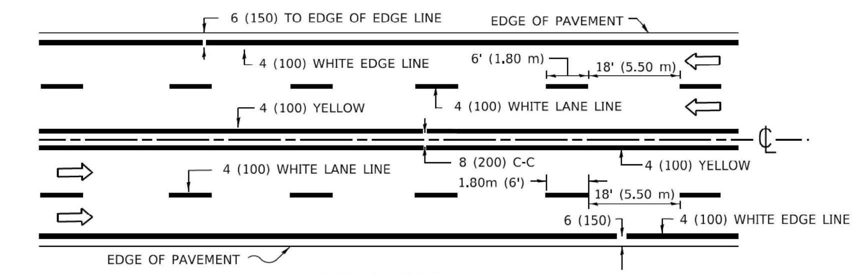


ISLAND OFFSET FROM PAVEMENT EDGE

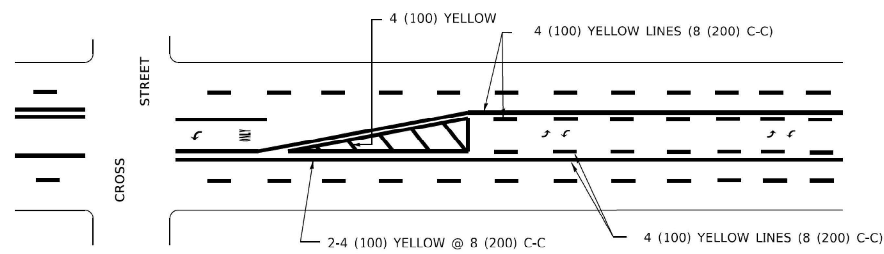


ISLAND AT PAVEMENT EDGE

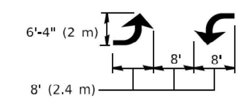
TYPICAL ISLAND MARKING



MULTI–LANE UNDIVIDED

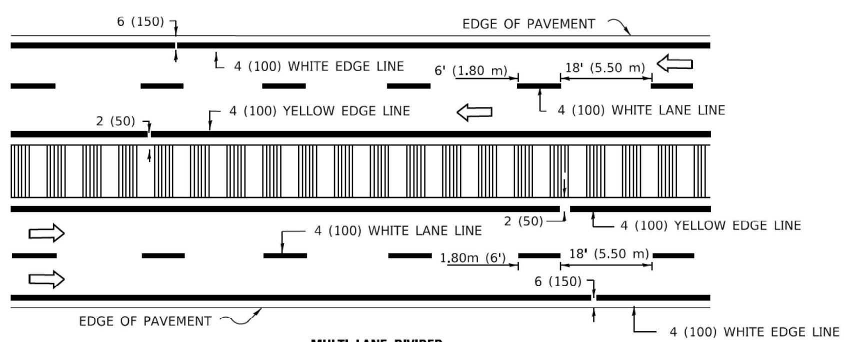


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO–WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

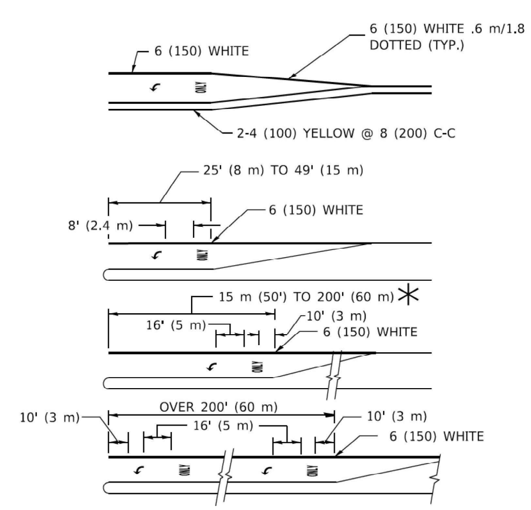


MULTI–LANE DIVIDED

WITH MOUNTABLE MEDIAN

NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

TYPICAL LANE AND EDGE LINE MARKING



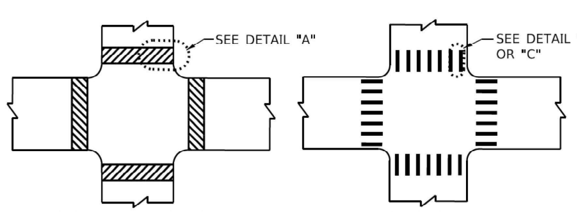
FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.

AREA = 15.8 SQ. FT. (1.47 m^2) ONLY AREA = 22.9 SQ. FT. (2.13 m^2)

* 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".

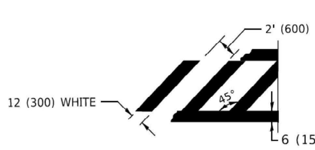
TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

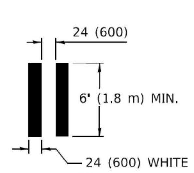


BICYCLE & EQUESTRIAN

SCHOOL & PEDESTRIAN



DETAIL "A"



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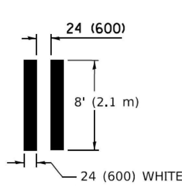


DETAIL "C"

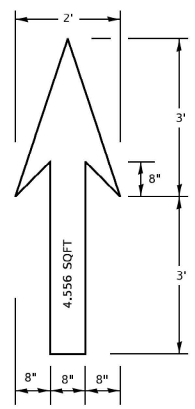
CENTRAL DOWNTOWN BUSINESS DISTRICT

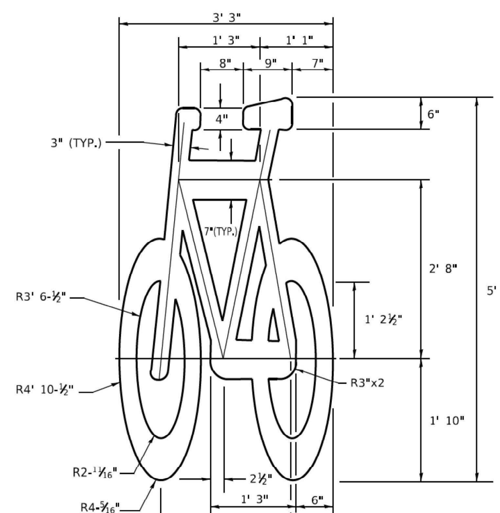
TYPICAL CROSSWALK MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	6' (1.80 m) LINE WITH 18' (5.50 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	8 (200) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	8 (200) C-C
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	6' (1.80 m) LINE WITH 18' (5.50 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) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4 m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4 m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	6' (1.8 m) LINE WITH 18' (5.50 m) SPACE FOR SKIP-DASH; 8 (200) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL & PEDESTRIAN)	12 (300) @ 45° 24 (600) @ 90°	SOLID SOLID	WHITE WHITE	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°	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	8 (200) 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: 20' (6.1 m) (LESS THAN 30 MPH (50 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33m^2) EACH "X"=54.0 SQ. FT. (5.0 m^2)

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STREET MARKING STANDARDS, PRINTED BY CITY OF CHICAGO, DEPARTMENT OF TRANSPORTATION, BUREAU OF TRAFFIC.

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





ALL ROUNDS 1" UNLESS OTHERWISE NOTED.

BICYCLE LANE SYMBOL

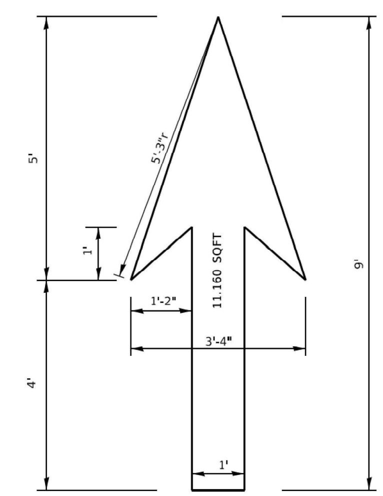
NOTE:

1. FOR BIKE LANE SYMBOLS ONLY, USE PRE-FORMED THERMOPLASTIC WITH A MINIMUM THICKNESS OF 90 MILS, MINIMUM SKID RESISTANCE VALUE OF 60 BPN, & A MINIMUM INDEX OF REFRACTION OF 1.50.
2. THE RESIDENT ENGINEER SHALL CONTACT MR. BEN GOMBERG AT 312-744-8093 AT LEAST ONE CALENDAR WEEK PRIOR TO INSTALLING BIKE LANE SYMBOLS.

TYPICAL BIKE LANE SYMBOLS

DRAWING #28

DRAWING #29



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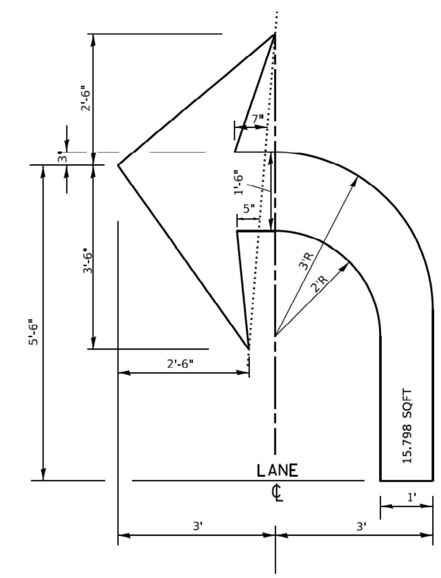

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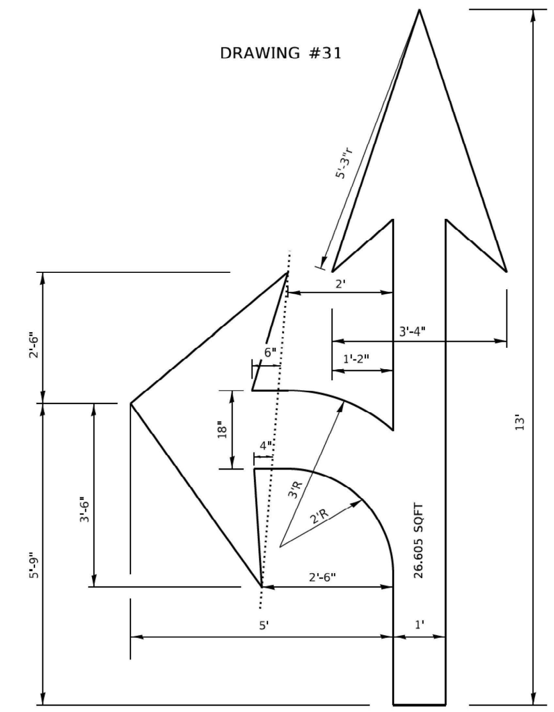

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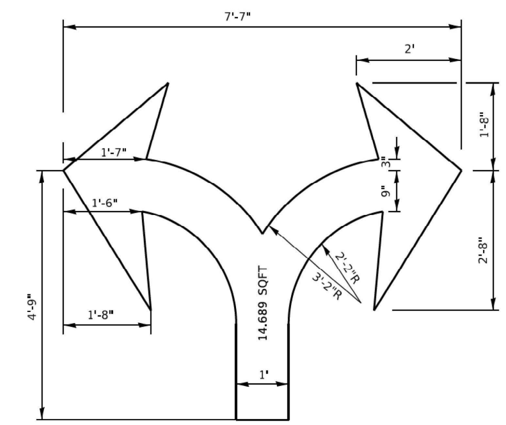

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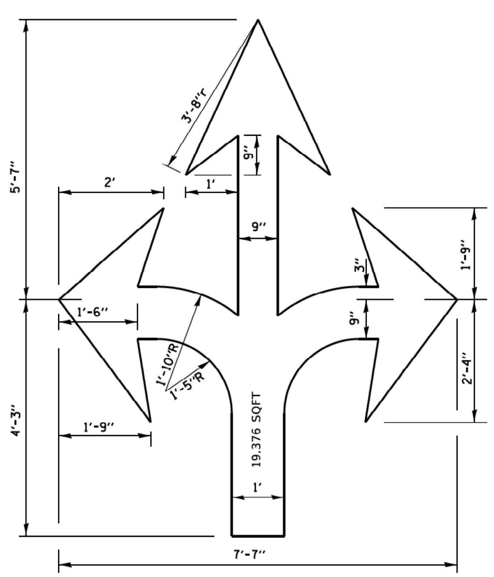

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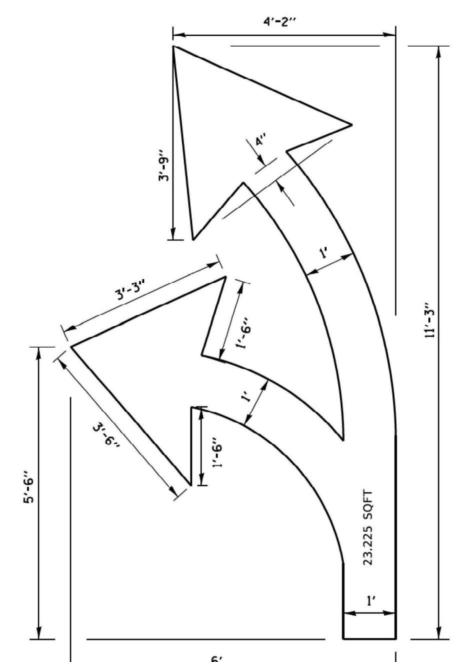

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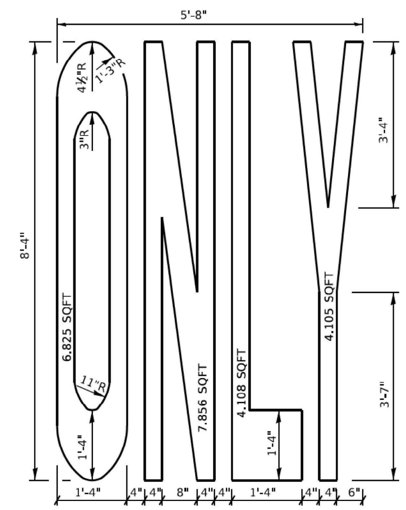

NOTE:

ALL MARKINGS SHALL BE SOLID WHITE UNLESS OTHERWISE NOTED IN THE PLANS

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OSEH inc.

USER NAME = footemj	DESIGNED -	REVISED - T. RAMMACHER 12-07-00	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CITY OF CHICAGO TYPICAL PAVEMENT MARKINGS
	DRAWN -	REVISED -		
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -		
PLOT DATE = 3/4/2019	DATE -	REVISED -		SCALE: NONE · SHEET 2 OF 3 SHEETS · STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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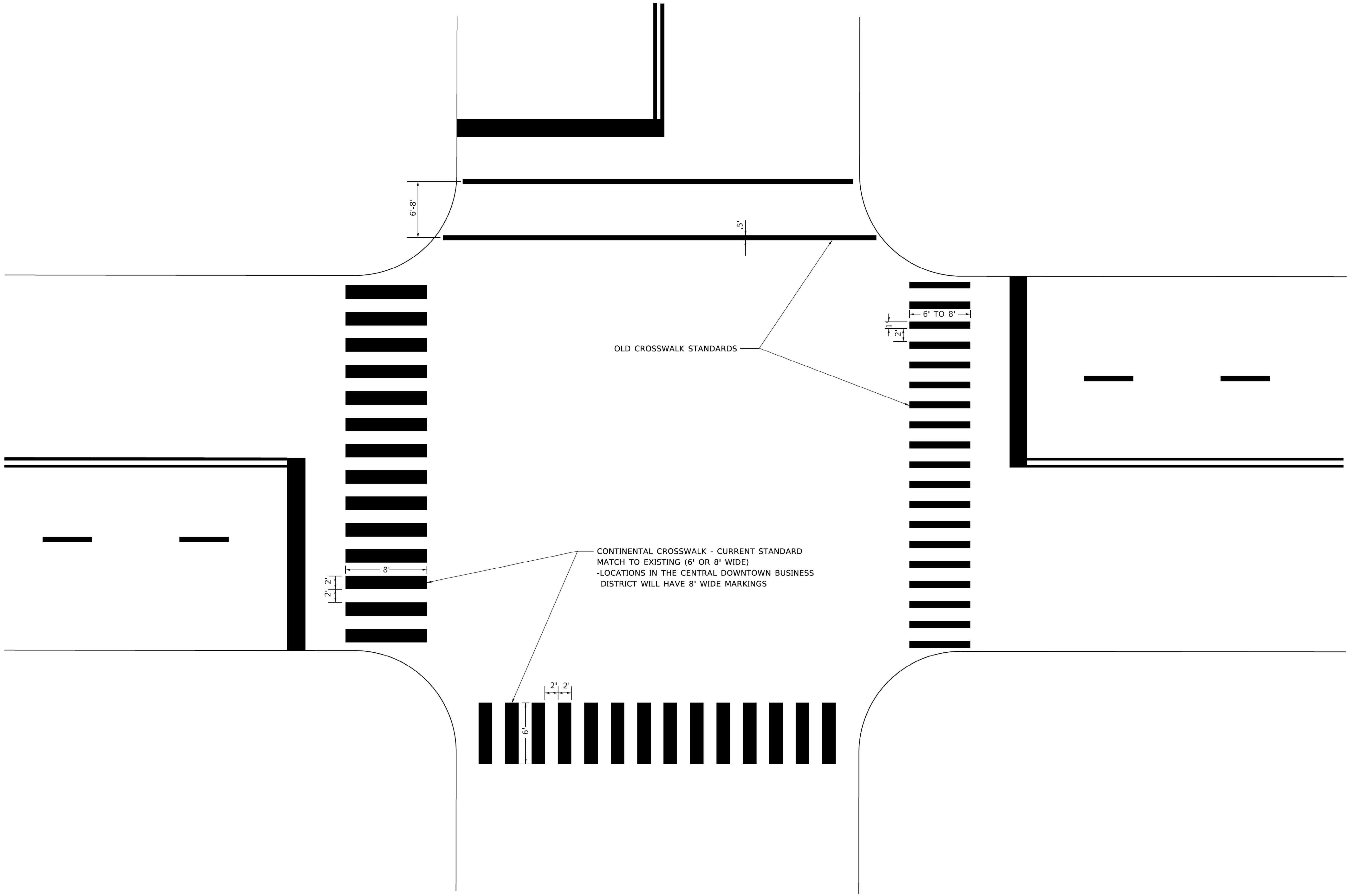
TC-24		CONTRACT NO. 62V36		
		ILLINOIS FED. AID PROJECT		



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

USER NAME = footemj	DESIGNED -	REVISED - T. RAMMACHER 12-07-00	
	DRAWN -	REVISED -	
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 3/4/2019	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CITY OF CHICAGO
TYPICAL PAVEMENT MARKINGS

SCALE: NONE | SHEET 3 OF 3 SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	TC–24	CONTRACT NO. 62V36		
	ILLINOIS	FED. AID PROJECT		

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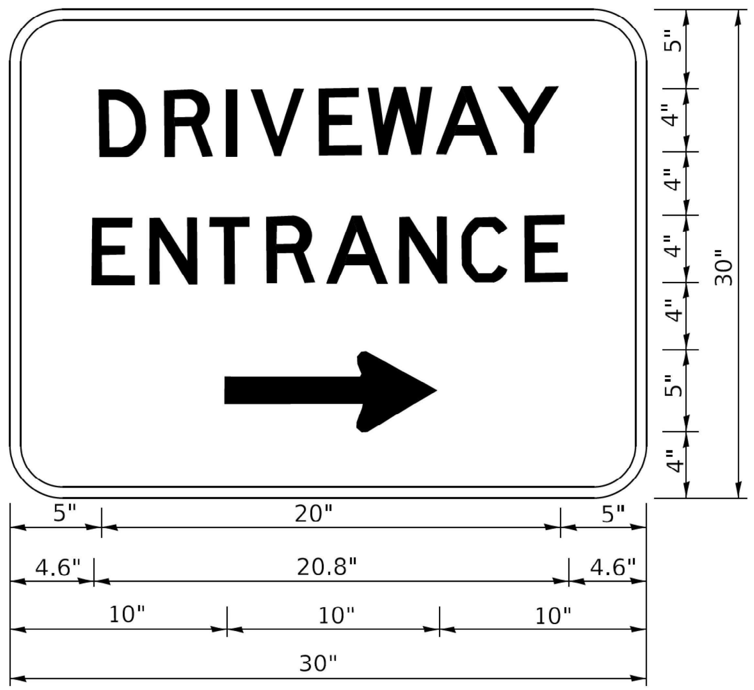

3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED
"DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

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

USER NAME = leysa	DESIGNED -	REVISED -	C. JUCIUS 02-15-07
	DRAWN -	REVISED -	
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/6/2021	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

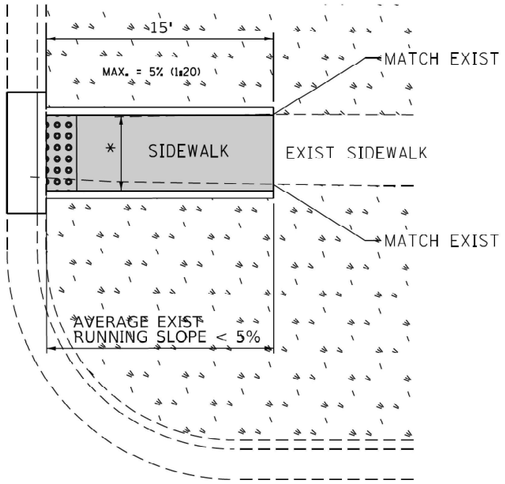
DRIVEWAY ENTRANCE SIGNING

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

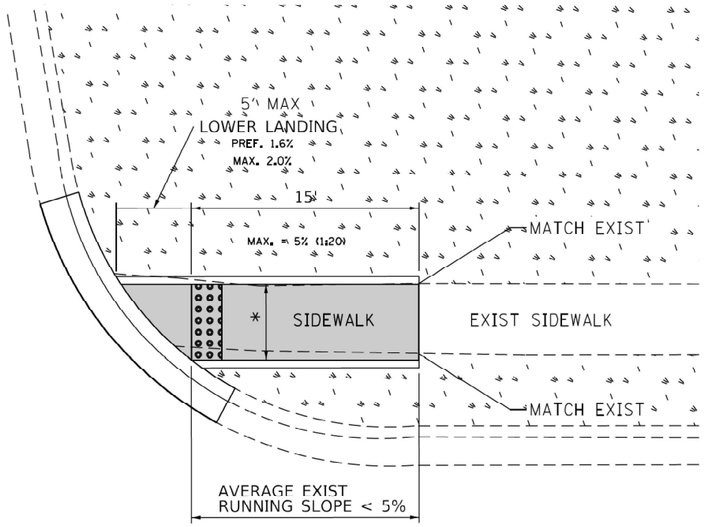
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	143
TC–26		CONTRACT NO. 62V36		
	ILLINOIS	FED. AID PROJECT		

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

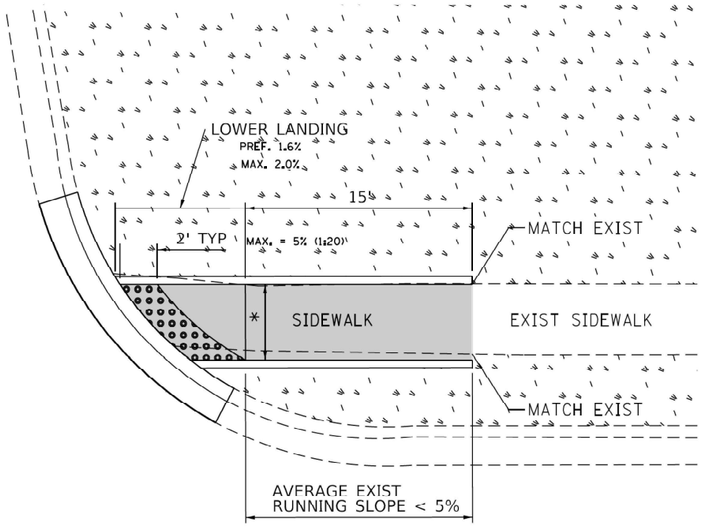
PD-01A



PD-01B



PD-01C



DESIGNER NOTES:

1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50).
2) SIDEWALK REALIGNMENT WILL REQUIRE DETAILED DESIGN.
3) AREAS SURROUNDED BY PCC/ASPHALT, BUILDINGS, OR ARE NEAR TO DRIVEWAYS, REALIGNED SIDEWALK, UTILITY AND SIGNAL POLES, OR WHEN PRIVATE SIDEWALK TIES IN, WILL REQUIRE DETAILED SURVEY AND DESIGN.
4) ALL BRICK CORNERS WILL REQUIRE SUPERVISOR APPROVAL BEFORE USING PROJECT DETAILS

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

FILE NAME = S:\WP\PLANPREP\SQUAD_1\Des_RL\Typical ADA details\Typical-ADA-sht-plan.dgn	USER NAME = ledezmarm	DESIGNED -	REVISED -
	PLOT SCALE = 10.0000 ' / in.	DRAWN - RL 11/12/2019	REVISED -
Default	PLOT DATE = 12/17/2019	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	FAP 0350 23 SMART	COOK	144	144
	PD-01	CONTRACT NO. 62V36		
	ILLINOIS FED. AID PROJECT			