06-16-2023 LETTING ITEM 117

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	1
	ILLINOIS	CONTRACT NO. 62G38		

* 277 + 4 = 281 TOTAL SHEETS

D-91-293-18

SUBSURFACE UTILITY ENGINEERING (S.U.E.)
UTILIZED ON THIS PROJECT

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROJECT IS LOCATED IN THE VILLAGE OF MATTESON

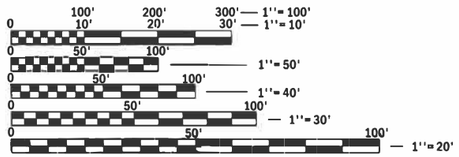
HIGHWAY CLASSIFICATION

US 30 - OTHER PRINCIPAL ARTERIAL
IL 50 - OTHER PRINCIPAL ARTERIAL

TRAFFIC DATA

US 30
2021 ADT = 38100
POSTED SPEED LIMIT = 40 MPH
DESIGN SPEED LIMIT = 45 MPH

IL 50
2021 ADT = 17200
POSTED SPEED LIMIT = 40 MPH
DESIGN SPEED LIMIT = 45 MPH



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 LOCATING INFORMATION FOR EXCAVATORS
1-800-892-0123
OR 811

PROJECT MANAGER: MATTHEW ROTHENBERG (847) 705-4230
PROJECT ENGINEER: FIRAS UDDIN (847) 705-4552

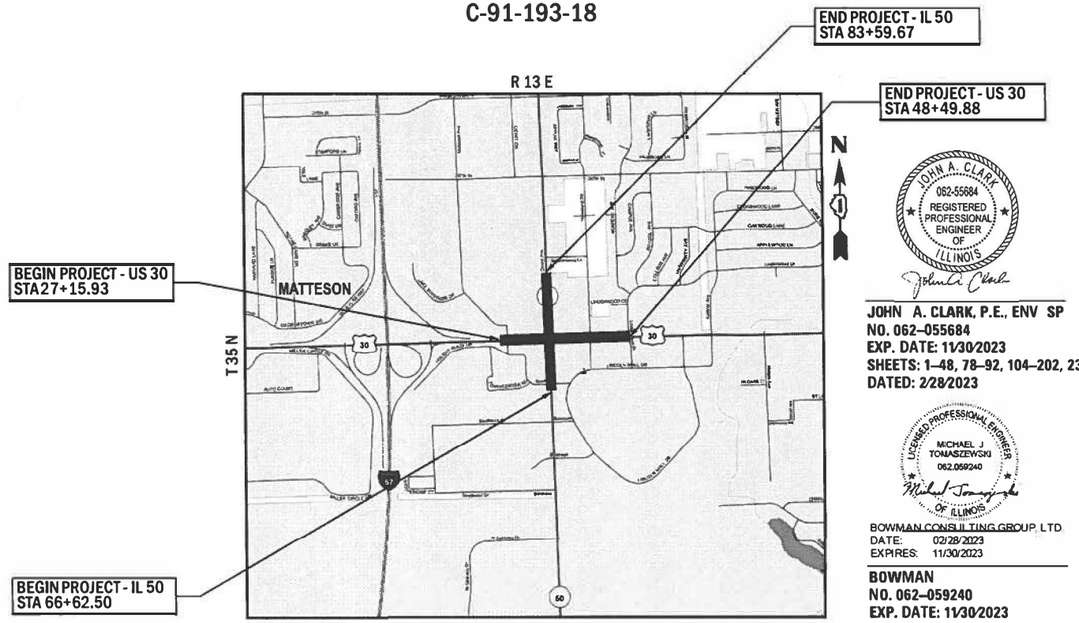
CONTRACT NO. 62G38

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED HIGHWAY PLANS

ROUTE: FAP 353(US 30)
SECTION: (22&23) TS-1
FEDERAL PROJECT NO.: HSIP-HFGP(703)
TRAFFIC SIGNAL MODERNIZATION AND CHANNELIZATION
COOK COUNTY

C-91-193-18



LOCATION MAP
N.T.S.

GROSS LENGTH = 3,830 FT. = 0.730 MILE
NET LENGTH = 3,830 FT. = 0.730 MILE

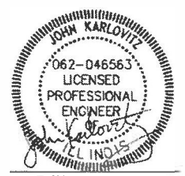
Peralte-Clark LLC
ENGINEERING YOUR VISION IS OUR PASSION



JOHN A. CLARK, P.E., ENV SP
NO. 062-055684
EXP. DATE: 11/30/2023
SHEETS: 1-48, 78-92, 104-202, 233-274
DATED: 2/28/2023

BOWMAN CONSULTING GROUP, LTD.
DATE: 02/28/2023
EXPIRES: 11/30/2023

BOWMAN
NO. 062-059240
EXP. DATE: 11/30/2023
SHEETS 49-77
DATED: 2/28/2023



EPSTEIN
NO. 062-046563
EXP. DATE: 11/30/2023
SHEETS 203-231
DATED: 2/28/2023

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED MARCH 23 2023
REGIONAL ENGINEER
May 12, 2023
ENGINEER OF DESIGN AND ENVIRONMENT
May 12, 2023
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

REV-SEP

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COMMITMENTS

THERE ARE NO COMMITMENTS FOR THIS PROJECT.

MODEL: Default
FILE NAME: Z:\18-0012-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Plan Production\Sheet\D162G38-sht-index.dgn

Peralte-Clark LLC

USER NAME = MET	DESIGNED - ASH	REVISED -
	DRAWN - ASH	REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED - MET	REVISED -
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, HIGHWAY STANDARDS, AND COMMITMENTS

SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	2
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			

GENERAL NOTES

1. CONTRACTOR SHALL ADHERE TO THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2022.

2. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. 48 HOUR NOTIFICATION IS REQUIRED. THE FOLLOWING UTILITIES HAVE IDENTIFIED PRESENCE WITHIN PROJECT LIMITS:

AT&T	(630) 573-6471
COMED	(630) 437-3381
COMCAST	(224) 229-5861
NICOR	(630) 388-3046
SSMMA	(847) 421-6231
VILLAGE OF MATTESON	(708) 748-1411

3. 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. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK
4. SPECIFIED.

5. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, IDOT AND THE VILLAGE OF MATTESON.

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

7. SIDEWALK RAMPS MODIFICATIONS WITHIN THE LIMITS OF THE PROJECT SHALL CONFORM TO THE APPLICABLE HIGHWAY STANDARDS INCLUDED IN THE PLANS.

8. USE #8 EPOXY-COATED TIE BARS, CONFORMING TO ART. 1006.10 OF THE STANDARD SPECIFICATIONS, FOR ALL TIE BARS. USE THE "LONGITUDINAL CONSTRUCTION JOINT (TIE BAR GROUTED IN PLACE)" DETAIL SHOWN ON HIGHWAY STANDARD 420001 FOR ALL LONGITUDINAL JOINTS AND FOR TYING PCC PAVEMENT WIDENING TO EXISTING CONCRETE PAVEMENT AS SHOWN ON THE PLANS.

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

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

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

12. ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER. PAVEMENT PATCHING SHALL BE COMPLETED AFTER PAVEMENT SURFACE MILLING, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

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

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

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

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

17. SIDEWALK REMOVAL AND P.C.C. SIDEWALK 5" LOCATIONS SHALL BE DETERMINED BY THE ENGINEER.

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

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

20. WHERE SECTION OR SUB-SECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED THEIR LOCATION.

21. THE THICKNESS OF THE HMA MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA MIXTURE IS PLACED.

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

23. FOR STORM SEWER CONSTRUCTED UNDER THE ROADWAY, BACKFILLING METHODS TWO AND THREE AUTHORIZED UNDER THE PROVISIONS OF ARTICLE 550.07 OF THE STANDARD SPECIFICATIONS WILL NOT BE ALLOWED.

24. FOR WORK OUTSIDE THE LIMITS OF BRIDGE APPROACH PAVEMENT, ALL REFERENCES IN THE HIGHWAY STANDARDS AND STANDARD SPECIFICATIONS FOR REINFORCEMENT, DOWEL BARS AND TIE BARS IN PAVEMENT, SHOULDERS, CURB, GUTTER, COMBINATION CURB AND GUTTER AND MEDIAN, AND CHAIR SUPPORTS FOR CRC PAVEMENT, SHALL BE EPOXY COATED, UNLESS NOTED ON THE PLAN.

25. THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF PLATED STRUCTURES BY STATION AND OFFSET LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT.

26. 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.

27. AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAVE BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REPLACEMENT WITH ABOVE ITEM WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF SSRBC AND IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

28. 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.

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

30. ALL CLASS B PAVEMENT PATCHING WHICH REQUIRES FRAMES AND GRATES TO BE ADJUSTED SHALL BE CONSTRUCTED UTILIZING "CAST IN PLACE" ALTERNATE ACCORDING TO STATE HIGHWAY STANDARD 420111 FOR "PCC PAVEMENT ROUNDOUTS".

31. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE NOTIFICATION OF ALL EMERGENCY SERVICES, SCHOOL DISTRICTS, I.D.O.T.'S COMMUNICATIONS CENTER, SPRINGFIELD TRUCK PERMIT SECTION AND OTHER AGENCIES AFFECTED BY THE CLOSURE. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR POSTING SIGNS THAT WILL INDICATE THE DATES THE CLOSURE WILL BE IN PLACE. THE ENGINEER SHALL OBTAIN APPROVAL FROM THE DISTRICT ONE BUREAU CHIEF OF MAINTENANCE FOR ANY PROPOSED REVISIONS IN THE SCHEDULED PAVEMENT PATCHING LOCATIONS.

32. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

33. DOUBLE LANE MARKERS ARE TO BE USED AS SHOWN ON THE DISTRICT ONE DETAIL "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" SHOWN IN THE PLANS.

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

35. THE "ARTERIAL ROAD INFORMATION SIGN (TC-22)" IS APPLICABLE ONLY TO ARTERIAL ROADS AND SHALL NOT BE APPLIED TO EXPRESSWAYS/TOLLWAYS.

36. WHEN THE MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES (40 mm) WHERE THE SPEED LIMIT IS 40 MPH (80 km/h) OR LESS AND 1 INCH (25 mm) WHERE THE SPEED LIMIT IS GREATER THAN 40 MPH (80 km/h). WITH WRITTEN APPROVAL OF THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES (75 mm) MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H) OR A NOTCHED LONGITUDINAL WEDGE IS USED.

37. BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) ACCORDING TO THE "BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.

38. MATERIALS RESULTING FROM THE ROUTING OF CRACKS IN THE EXISTING PAVEMENT MAY BE PLACED, SHAPED AND COMPACTED TO THE SATISFACTION OF THE ENGINEER ALONG EXISTING AGGREGATE SHOULDERS ADJACENT TO THE PAVEMENT. ALL MATERIALS RESULTING FROM THE ROUTING OF CRACKS IN PAVEMENTS WITHOUT AGGREGATE SHOULDERS AND SURPLUS MATERIALS RESULTING FROM THE ROUTING OF CRACKS IN PAVEMENTS WITH AGGREGATE SHOULDERS, WHERE ALL MATERIALS ARE NOT PLACED ALONG EXISTING AGGREGATE SHOULDERS, SHALL BE DISPOSED OF AS SPECIFIED IN ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT THE COST SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR THE CONSTRUCTION ITEMS INVOLVED, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED."

39. ALL RED LIGHT RUNNING EQUIPMENT SHALL BE TURNED OFF AND REMOVED BY THE PROPER VILLAGE OF MATTESON AUTHORITY PRIOR TO CONSTRUCTION.

40. THE SUBGRADE STABILITY SHALL BE VERIFIED BY PROOF ROLLING WITH A FULLY LOADED TANDEM-AXLE TRUCK.

41. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION AND/OR AGGREGATE SUBGRADE IMPROVEMENT HAVE BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REPLACEMENT WITH ABOVE ITEM WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF SSRBC AND IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

42. ANY AGGREGATE SUBGRADE IMPROVEMENT CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENTS IS TO BE REMOVED AS DIRECTED BY THE ENGINEER AT CONTRACTOR EXPENSE.

43. PIPE UNDERDRAINS SHALL BE INSTALLED ACCORDING TO SECTION 601 OF THE SSRBC AND STANDARD 601001-05. TOP OF PIPE UNDERDRAINS SHALL BE PLACED MINIMUM 6" BELOW THE AGGREGATE SUBGRADE IMPROVEMENT LAYER. THE COST OF MAKING PIPE UNDERDRAIN CONNECTIONS TO DRAINAGE STRUCTURES SHALL BE INCLUDED IN THE COST OF THE PIPE UNDERDRAINS.

44. THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT THE PRESERVATION OF EXISTING TREES AND SHRUBS IS OF UTMOST IMPORTANCE TO THE VILLAGE OF MATTESON. ALL TREE/SHRUB PROTECTION, TREE REMOVAL, PRUNING AND ROOT PRUNING SHALL BE COMPLETED BEFORE CONSTRUCTION OPERATIONS COMMENCE IN ANY AREA. AT NO TIME SHALL THE CONTRACTOR PRUNE OR REMOVE ANY TREES UNLESS SPECIFICALLY DIRECTED BY THE ENGINEER. THE CONTRACTOR WILL CONTACT THE ROADSIDE DEVELOPMENT UNIT AT 847.705.4171, AT LEAST 2 WEEKS PRIOR TO COMMENCING CONSTRUCTION WORK TO SCHEDULE A WALK THROUGH TO DETERMINE TREES FOR PRUNING, ROOT PRUNING, REMOVAL, AND PROTECTION.

45. THE CONTRACTOR WILL CONTACT THE ROADSIDE DEVELOPMENT UNIT AT 847.705.4171, AT LEAST 7 DAYS PRIOR TO PLANTING FOR LAYOUT APPROVAL OF THE TREES, SHURBS, PERENNIALS, BULBS, AND MULCH PLACEMENT.

46. THE CONTRACTOR SHALL TAKE EXTRA CARE IN GRADING AND EXCAVATING NEAR TREES, SHRUBS, AND PERENNIALS WHICH ARE NOT MARKED FOR REMOVAL SO AS NOT TO CASUSE INJURY TO THE ROOT SYSTEM OR TRUNKS. ANY DAMAGE DONE TO EXISTING TREES BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE.

47. THE CONTRACTOR SHALL TAKE EXTRA CARE IN GRADING AND EXCAVATING NEAR EXISTING IRRIGATION SYSTEMS WHICH ARE NOT MARKED FOR REMOVAL SO AS NOT TO CAUSE DAMAGE. ANY DAMAGE DONE TO EXISTING IRRIGATION SYSTEM BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE.

48. THE CONTRACTOR SHALL ERECT A TEMPORARY FENCE AROUND ALL TREES WITHIN THE CONSTRUCTION AREA TO ESTABLISH A "TREE PROTECTION ZONE" AND AROUND EXISTING WETLANDS TO ESTABLISH A "WETLAND PROTECTION ZONE" AND AROUND EXISTING LANDSCAPE BEDS TO ESTABLISH A "EXISTING LANDSCAPE BED PROTECTION ZONE" BEFORE ANY WORK BEGINS OR ANY MATERIAL IS DELIVERED TO THE JOBSITE. NO WORK IS TO BE PERFORMED (OTHER THAN ROOT PRUNING), MATERIALS STORED, OR VEHICLES DRIVEN OR PARKED WITHIN THE "TREE PROTECTION ZONE", "WETLAND PROTECTION ZONE" AND "EXISTING LANDSCAPE BED PROTECTION ZONE". REMOVE PROTECIVE TEMPORARY FENCE ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED.

49. FERTILIZER NUTRIENTS HAVE BEEN INTENTIONALLY OMITTED FROM THE CONTRACT.

50. EXISTING VEGETATED AREAS (TREES, SHRUBS, VEGETATIVE BUFFERS, TURF AREAS, ETC.) WHERE DISTURBANCE IS NOT OCCURING (INCLUDING AREAS OUTSIDE THE PROJECT LIMITS) SHALL NOT BE DISTURBED TO ENSURE THAT EXISTING VEGETATION IS PRESERVED HEALTHY TO MINIMIZE SOIL EROSION AND TO ELIMNATE SOIL COMPACTION. NO MATERIALS ARE TO BE STORED OR VEHICLES DRIVEN OR PARKED WITHIN THESE UNDISTURBED AREAS AT ANY TIME.

GENERAL NOTES

51. THE CONTRACTOR SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470, 72 HOURS IN ADVANCE OF BEGINNING WORK.

52. THE CONTRACTOR WILL CONTACT THE ROADSIDE DEVELOPMENT UNIT AT 847.705.4171, TO SCHEDULE A WALK THROUGH TO DETERMINE TREES FOR PRUNING, ROOT PRUNING, REMOVAL, AND PROTECTION AT LEAST 7 DAYS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.

53. ALL EXISTING R.O.W. SHOWN IS APPROXIMATE AND MAY NEED TO BE VERIFIED IN THE FIELD. ANY R.O.W. CONFLICTS SHALL BE COORDINATED WITH THE RESIDENT ENGINEER.

54. THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE ORDERING ANY MATERIALS AND STARTING ANY WORK. FOR LOCATIONS OF UTILITIES, LOCALLY OWNED EQUIPMENT, LEASED ENFORCEMENT CAMERA SYSTEM FACILITIES AND IDOT UNDERGROUND FACILITIES, CONTACT THE LOCAL COUNTIES, MUNICIPALITIES AND IDOT FOR LOCATES. THE CONTRACTOR SHALL CALL "JULIE" AT (800) 892-0123 OR 811.

55. IF THIS CONTRACT REQUIRES THE SERVICES OF AN ELECTRICAL CONTRACTOR, THE CONTRACTOR SHALL BE RESPONSIBLE AT HIS/HER OWN EXPENSE FOR LOCATING EXISTING IDOT ELECTRICAL FACILITIES PRIOR TO PERFORMING ANY WORK. IF THIS CONTRACT DOES NOT REQUIRE THE SERVICES OF AN ELECTRICAL CONTRACTOR, THE CONTRACTOR MAY REQUEST ONE FREE LOCATE FOR EXISTING IDOT ELECTRICAL FACILITIES FROM THE DISTRICT ONE ELECTRICAL MAINTENANCE CONTRACTOR PRIOR TO THE START OF ANY WORK. ADDITIONAL REQUESTS MAY BE AT THE EXPENSE OF THE CONTRACTOR. THE LOCATION OF UNDERGROUND TRAFFIC FACILITIES DOES NOTE RELIEVE THE CONTRACTOR OF THEIR RESPONSIBILITY TO REPAIR ANY FACILITIES DAMAGED DURING CONSTRUCTION AT THEIR EXPENSE.

56. THE CONTRACTOR SHALL CHECK THE PROPOSED TRAFFIC SIGNAL EQUIPMENT LOCATIONS FOR UNDERGROUND AND OVERHEAD UTILITY CONFLICTS. THE CONTRACTOR SHALL NOTIFY THE AREA ENGINEER, THE RESIDENT ENGINEER AND ANY IMPACTED UTILITY COMPANY OF THE CONFLICT, AND SHALL COORDINATE AND RESOLVE THE ISSUE PRIOR TO ORDERING MATERIALS, AND PRIOR TO POURING FOUNDATIONS.

57. RESTORATION OF THE TREAFFIC SIGNAL WORK AREA SHALL BE INCLUDED IN THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIAN, SIDEWALKS, PAVEMENT ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

58. PARTIAL PAYMENT AS DESCRIBED IN ARTICLE 109.07(b) OF THE STANDARD SPECIFICATIONS WILL NOT BE ALLOWED FOR ITEMS INCLUDED IN THIS CONTRACT.

59. LOCATIONS WITH PEDESTRIAN EQUIPMENT HAVE BEEN DESIGNED TO BE ADA COMPLIANT. ANY DEVIATION FROM THE PLANS FOR TRAFFIC SIGNAL MAST ARM/POSTS THAT HAVE PEDESTRIAN EQUIPMENT WILL HAVE TO BE APPROVED BY THE ENGINEER TO ENSURE ADA COMPLIANCE.

60. THE AGGREGATE GRADATION FOR THE AGGREGATE SUBGRADE IMPROVEMENT 12" LOWER LIFT SHALL BE CS 1 OR RR 1.

61. TREES IDENTIFIED FOR REMOVAL WILL BE CUT OFF AT GROUND LEVEL AS PART OF THE CONTRACT 62U34, ADVANCE TREE REMOVAL CONTRACT.

62. THE DEPARTMENT HAS NOT OBTAINED ANY PERMITS FOR OFFSITE BORROW, WASTE, USE (BWU) AREAS. PRIOR TO WORKING BWU AREAS, IF THE CONTRACTOR CHOOSES TO USE ACTIVITIES REQUIRING PERMITS IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE PROPER PERMITS. IN ADDITION TO THE BORROW REVIEW (BDE 2289) AND USE/WASTE REVIEW (BED 2290) SUBMITTALS, THE CONTRACTOR SHALL SUBMIT AN EROSION AND SEDIMENT CONTROL (ESC) PLAN FOR EVERY BWU SITE TO THE DEPARTMENT FOR ACCEPTANCE. GUIDELINES FOR ACCEPTABLE BWU PRACTICES CAN BE FOUND IN SECTION II.G.1 AND 2 OF THE SWPPP. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT ESC PLANS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

					CONSTRUCTION CODE					
				90% FEDERAL / 10% STATE (HSIP)	90% FEDERAL / 10% STATE (HSIP)	100% LOCAL	100% LOCAL	100% LOCAL	100% LOCAL
				ROADWAY	TRAFFIC SIGNALS	ROADWAY	UTILITY	TRAFFIC SIGNALS	HIGHWAY LIGHTING
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 URBAN	0021 URBAN	0004 URBAN	0043 URBAN	0021 URBAN	0021 URBAN
*	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	50	50					
*	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	50	50					
	20101000	TEMPORARY FENCE	FOOT	1894	1894					
*	20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	12	12					
*	20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	19	19					
	20200100	EARTH EXCAVATION	CU YD	5734	5734					
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	478	478					
	20800150	TRENCH BACKFILL	CU YD	2062	1706			356		
	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	1487	1487					
	21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	1485	1485					
	21101695	TOPSOIL FURNISH AND PLACE, 30"	SQ YD	1289	1289					
	25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	516	516					
	25200110	SODDING, SALT TOLERANT	SQ YD	9379	9379					
	25200200	SUPPLEMENTAL WATERING	UNIT	141	141					

					CONSTRUCTION CODE					
				90% FEDERAL / 10% STATE (HSIP)	90% FEDERAL / 10% STATE (HSIP)	100% LOCAL	100% LOCAL	100% LOCAL	100% LOCAL
				ROADWAY	TRAFFIC SIGNALS	ROADWAY	UTILITY	TRAFFIC SIGNALS	HIGHWAY LIGHTING
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0004 URBAN	0021 URBAN	0004 URBAN	0043 URBAN	0021 URBAN	0021 URBAN
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	586	586					
	28000305	TEMPORARY DITCH CHECKS	FOOT	82	82					
*	28000400	PERIMETER EROSION BARRIER	FOOT	3974	3974					
*	28000500	INLET AND PIPE PROTECTION	EACH	3	3					
*	28000510	INLET FILTERS	EACH	140	140					
	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	2030	2030					
	30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	13533	13533					
	31101100	SUBBASE GRANULAR MATERIAL, TYPE B	CU YD	209	209					
	35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	1251	1251					
	35101700	AGGREGATE BASE COURSE, TYPE B 5"	SQ YD	2691	2691					
	35300300	PORTLAND CEMENT CONCRETE BASE COURSE 8"	SQ YD	4311	4311					
	35300400	PORTLAND CEMENT CONCRETE BASE COURSE 9"	SQ YD	4358	4358					
	35400300	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 8"	SQ YD	544	544					
	35400400	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 9"	SQ YD	454	454					

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Peralte-Clark LLC

USER NAME = MET	DESIGNED - ASH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES
	DRAWN - ASH	REVISED -		
PLOT SCALE = 100.0000 ' / in.	CHECKED - JAP	REVISED -		SCALE: N/A | SHEET 1 OF 1 SHEETS | STA. TO STA.
PLOT DATE = 4/26/2023	DATE - 2-28-2023	REVISED -		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	5
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE 90% FEDERAL / 10% STATE (HSIP) ROADWAY 0004 URBAN	90% FEDERAL / 10% STATE (HSIP) TRAFFIC SIGNALS 0021 URBAN	100% LOCAL ROADWAY 0004 URBAN	100% LOCAL UTILITY 0043 URBAN	100% LOCAL TRAFFIC SIGNALS 0021 URBAN	100% LOCAL HIGHWAY LIGHTING 0021 URBAN
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	6084	6084					
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	21292	21292					
40600370	LONGITUDINAL JOINT SEALANT	FOOT	14921	14921					
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	32.9	32.9					
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	235	235					
40600985	PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT	SQ YD	294	294					
40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	1302	1302					
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	301	301					
40605026	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX	TON	3091	3091					
42000501	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SQ YD	223	223					
42001300	PROTECTIVE COAT	SQ YD	6079	6079					
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	1075	1075					
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	11259	11259					
42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	293	293					

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42400800	DETECTABLE WARNINGS	SQ FT	1053	1053					
44000100	PAVEMENT REMOVAL	SQ YD	7400	7028		372			
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SQ YD	27966	27966					
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1400	1400					
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	4604	4604					
44000600	SIDEWALK REMOVAL	SQ FT	17861	17861					
44003100	MEDIAN REMOVAL	SQ FT	13572	13572					
44004250	PAVED SHOULDER REMOVAL	SQ YD	3556	3556					
44201389	CLASS C PATCHES, TYPE II, 13 INCH	SQ YD	49	49					
44201394	CLASS C PATCHES, TYPE III, 13 INCH	SQ YD	59	59					
44201396	CLASS C PATCHES, TYPE IV, 13 INCH	SQ YD	28	28					
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	3	3					
550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1 12"	FOOT	1238.5	1238.5					
550A2520	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 12"	FOOT	1780.1	1780.1					

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PLOT DATE = 4/26/2023	DATE - 2-28-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N/A | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	6
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE: 90% FEDERAL / 10% STATE (HSIP) ROADWAY 0004 URBAN	90% FEDERAL / 10% STATE (HSIP) TRAFFIC SIGNALS 0021 URBAN	100% LOCAL ROADWAY 0004 URBAN	100% LOCAL UTILITY 0043 URBAN	100% LOCAL TRAFFIC SIGNALS 0021 URBAN	100% LOCAL HIGHWAY LIGHTING 0021 URBAN
	550A2530	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 15"	FOOT	289	289					
	550A2540	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 18"	FOOT	232.1	232.1					
	550A2560	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 24"	FOOT	497.7	497.7					
	550A2580	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 2 30"	FOOT	207.1	207.1					
	550B2320	STORM SEWERS, RUBBER GASKET, CLASS B, TYPE 1 12"	FOOT	111.3	111.3					
	550B2530	STORM SEWERS, RUBBER GASKET, CLASS B, TYPE 2 15"	FOOT	134.9	134.9					
	550B2560	STORM SEWERS, RUBBER GASKET, CLASS B, TYPE 2 24"	FOOT	67	67					
	55100500	STORM SEWER REMOVAL 12"	FOOT	112.5	112.5					
	55100700	STORM SEWER REMOVAL 15"	FOOT	442.6	442.6					
*	55101200	STORM SEWER REMOVAL 24"	FOOT	92.6	92.6					
*	56103300	DUCTILE IRON WATER MAIN 12"	FOOT	160				160		
*	56103400	DUCTILE IRON WATER MAIN 16"	FOOT	40				40		
*	56103510	DUCTILE IRON WATER MAIN 20"	FOOT	100				100		
*	56109100	TAPPING VALVES AND SLEEVES 12"	EACH	1				1		

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE: 90% FEDERAL / 10% STATE (HSIP) ROADWAY 0004 URBAN	90% FEDERAL / 10% STATE (HSIP) TRAFFIC SIGNALS 0021 URBAN	100% LOCAL ROADWAY 0004 URBAN	100% LOCAL UTILITY 0043 URBAN	100% LOCAL TRAFFIC SIGNALS 0021 URBAN	100% LOCAL HIGHWAY LIGHTING 0021 URBAN
*	56109200	TAPPING VALVES AND SLEEVES 16"	EACH	1				1		
*	56109204	TAPPING VALVES AND SLEEVES 20"	EACH	1				1		
*	56400100	FIRE HYDRANTS TO BE MOVED	EACH	4				4		
	60108204	PIPE UNDERDRAINS, TYPE 2, 4"	FOOT	912	912					
	60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1					
	60200305	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	33	33					
	60200405	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 4 FRAME AND GRATE	EACH	1	1					
	60201105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 11 FRAME AND GRATE	EACH	17	17					
	60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1	1					
	60203805	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	2	2					
	60203905	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1					
	60218300	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1					
	60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	15	15					
	60221000	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	3	3					

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PLOT DATE = 4/26/2023	DATE - 2-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N/A | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	7
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE: 90% FEDERAL / 10% STATE (HSIP) ROADWAY 0004 URBAN	90% FEDERAL / 10% STATE (HSIP) TRAFFIC SIGNALS 0021 URBAN	100% LOCAL ROADWAY 0004 URBAN	100% LOCAL UTILITY 0043 URBAN	100% LOCAL TRAFFIC SIGNALS 0021 URBAN	100% LOCAL HIGHWAY LIGHTING 0021 URBAN
60221100	MANHOLES, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4	4					
60223700	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	2	2					
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1					
60224446	MANHOLES, TYPE A, 7'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1					
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	1	1					
60240220	INLETS, TYPE B, TYPE 3 FRAME AND GRATE	EACH	19	19					
60240310	INLETS, TYPE B, TYPE 11 FRAME AND GRATE	EACH	18	18					
60250200	CATCH BASINS TO BE ADJUSTED	EACH	8	8					
60255500	MANHOLES TO BE ADJUSTED	EACH	7	7					
60500040	REMOVING MANHOLES	EACH	2	2					
60500050	REMOVING CATCH BASINS	EACH	7	7					
60500060	REMOVING INLETS	EACH	5	5					
60600605	CONCRETE CURB, TYPE B	FOOT	801	801					
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	5099	5099					

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	60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	5209	5209					
	60618300	CONCRETE MEDIAN SURFACE, 4 INCH	SQ FT	3083	3083					
	60619600	CONCRETE MEDIAN, TYPE SB-6.12	SQ FT	1050	1050					
*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	2260	2260					
*	66900530	SOIL DISPOSAL ANALYSIS	EACH	5	5					
*	66901000	BACKFILL PLUGS	CU YD	50	50					
*	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1					
*	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1					
*	66901005	ENGINEERED BARRIER	SQ YD	115	115					
*	66901006	REGULATED SUBSTANCES MONITORING	CAL DA	12	12					
	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	24	24					
	67100100	MOBILIZATION	L SUM	1	1					
	70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	540	540					
	70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1					

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STATE OF ILLINOIS
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353 & 350	(22&23) TS-1	COOK	277	8
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

					CONSTRUCTION CODE					
				90% FEDERAL / 10% STATE (HSIP)	90% FEDERAL / 10% STATE (HSIP)	100% LOCAL	100% LOCAL	100% LOCAL	100% LOCAL
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	TRAFFIC SIGNALS	ROADWAY	UTILITY	TRAFFIC SIGNALS	HIGHWAY LIGHTING
				0004	0021	0004	0043	0021	0021
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	19727	19727					
70307120	TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE	FOOT	74575	74575					
70307130	TEMPORARY PAVEMENT MARKING - LINE 6" - TYPE IV TAPE	FOOT	15053	15053					
70307210	TEMPORARY PAVEMENT MARKING - LINE 24"- TYPE IV TAPE	FOOT	1623	1623					
* 72000100	SIGN PANEL - TYPE 1	SQ FT	422	344	40			38	
* 72000200	SIGN PANEL - TYPE 2	SQ FT	127					127	
* 72300100	INSTALL EXISTING SIGN PANEL	SQ FT	280	280					
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	50	50					
* 72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	13	9	4				
* 72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	39					39	
* 72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	299	299					
* 72900100	METAL POST - TYPE A	FOOT	222	222					
* 72900200	METAL POST - TYPE B	FOOT	177	177					
* 73700100	REMOVE GROUND MOUNTED SIGN SUPPORT	EACH	30	30					

					CONSTRUCTION CODE					
				90% FEDERAL / 10% STATE (HSIP)	90% FEDERAL / 10% STATE (HSIP)	100% LOCAL	100% LOCAL	100% LOCAL	100% LOCAL
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	TRAFFIC SIGNALS	ROADWAY	UTILITY	TRAFFIC SIGNALS	HIGHWAY LIGHTING
				0004	0021	0004	0043	0021	0021
				URBAN	URBAN	URBAN	URBAN	URBAN	URBAN
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	596	596					
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	2943	2943					
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	7548	7548					
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	803	803					
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	1468	1468					
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	721	721					
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	187	187					
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	255	255					
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	7575	7575					
* 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	5077		2804			2273	
* 81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	925						925
* 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	473		111			362	
* 81028230	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3 1/2" DIA.	FOOT	39		39				
* 81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	2495		981			1514	
81028250	UNDERGROUND CONDUIT, GALVANIZED STEEL, 5" DIA.	FOOT	795						795

MODEL: Default
FILE NAME: Z118.0012 01 IDOT 188 Item 14 (30 & 50)\30_Design\20_CADDPlan Production\Sheet\D162G38 sht SOQ 5.dgn

Peralte-Clark LLC

USER NAME = MET		DESIGNED - ASH	DRAWN - ASH	REVISED -
PLOT SCALE = 100.0000 ' / in.		CHECKED - JAP		REVISED -
PLOT DATE = 4/26/2023		DATE - 2-28-2023		REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N/A | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	9
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			

REV-SEP

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE 90% FEDERAL / 10% STATE (HSIP) ROADWAY 0004 URBAN	90% FEDERAL / 10% STATE (HSIP) TRAFFIC SIGNALS 0021 URBAN	100% LOCAL ROADWAY 0004 URBAN	100% LOCAL UTILITY 0043 URBAN	100% LOCAL TRAFFIC SIGNALS 0021 URBAN	100% LOCAL HIGHWAY LIGHTING 0021 URBAN
*	81400100	HANDHOLE	EACH	25		10			15	
*	81400200	HEAVY-DUTY HANDHOLE	EACH	10		4			6	
*	81400300	DOUBLE HANDHOLE	EACH	9		3			6	
*	81603085	UNIT DUCT, 600V, 3-1C NO.4, 1/C NO.4 GROUND, (XLP-TYPE USE), 1 1/4" DIA.	FOOT	7838						7838
*	81800320	AERIAL CABLE, 3-1/C NO. 4 WITH MESSENGER WIRE	FOOT	4142						4142
*	83600300	LIGHT POLE FOUNDATION, 30" DIAMETER	FOOT	520						520
*	84100110	REMOVAL OF TEMPORARY LIGHTING UNIT	EACH	17						17
*	84200500	REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	5						5
*	84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	43						43
*	84200804	REMOVAL OF POLE FOUNDATION	EACH	48						48
*	84400105	RELOCATE EXISTING LIGHTING UNIT	EACH	1						1
*	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2		2				
*	86000100	MASTER CONTROLLER	EACH	1					1	
*	86400100	TRANSCEIVER - FIBER OPTIC	EACH	4		1			3	

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*	87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	3186		3186				
*	87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	5878		3174			2704	
*	87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	9033		5544			3489	
*	87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	11373		4260			7113	
*	87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	7349		3301			4048	
*	87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	15142		7539			7603	
*	87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	547		110			437	
*	87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	3223		1061			2162	
*	87800100	CONCRETE FOUNDATION, TYPE A	FOOT	60		16			44	
*	87800150	CONCRETE FOUNDATION, TYPE C	FOOT	16		4			12	
*	87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	163		52			111	
*	87800420	CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	63					63	
*	87900200	DRILL EXISTING HANDHOLE	EACH	1		1				
*	88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	35		10			25	

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353 & 350	(22&23) TS-1	COOK	277	10
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*	88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	17		4			13	
*	88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	19		8			11	
*	88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	15		4			11	
*	88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN	EACH	32		16			16	
*	88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	50		14			36	
*	88500100	INDUCTIVE LOOP DETECTOR	EACH	42		18			24	
*	88600100	DETECTOR LOOP, TYPE I	FOOT	2436		1053			1383	
*	88700200	LIGHT DETECTOR	EACH	11					11	
*	88700300	LIGHT DETECTOR AMPLIFIER	EACH	4					4	
*	89000100	TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	4		1			3	
*	89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	408		408				
*	89502350	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	700		700				
*	89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	4		1			3	
*	89502376	REBUILD EXISTING HANDHOLE	EACH	1		1				

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*	89502380	REMOVE EXISTING HANDHOLE	EACH	50		20			30	
*	89502382	REMOVE EXISTING DOUBLE HANDHOLE	EACH	3		1			2	
*	89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	29		6			23	
*	A2005470	TREE, MALUS JFS KW213MX (RASPBERRY SPEAR CRABABBLE), 2" CALIPER, TREE FORM, BALLED AND BURLAPPED	EACH	3	3					
*	B2010030	TREE, AMELANCHIER ALNIFOLIA OBELISK (STANDING OVATION SASKATOON SERVICEBERRY) 5 GALLON CONTAINER	EACH	1	1					
*	A2006515	TREE, QUERCUS BICOLOR BONNIE AND MIKE (BEACON SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	4	4					
*	A2002008	TREE, AESCULUS FLAVEA (YELLOW SWEET BUCKEYE), 2" CALIPER, BALLED AND	EACH	3	3					
*	A2002916	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2" CALIPER, BALLED AND	EACH	4	4					
*	A2004516	TREE, GINKGO BILOBA PRINCETON SENTRY (PRINCETON SENTRY GINKGO), 2" CALIPER,	EACH	7	7					
*	A2005040	TREE, GYMNOCLADUS DIOICUS ESPRESSO-JFS (ESPRESSO KENTUCKY COFFEETREE), 2-	EACH	11	11					
*	A2005466	TREE, MACLURA POMFERA WHITE SHIELD OSAGE ORANGE, 2" CALIPER, BALLED AND	EACH	2	2					
*	A2006516	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2" CALIPER, BALLED AND BURLAPPED	EACH	3	3					
*	A3005012	TREE, GYMNOCLADUS DIOICUS 'MORTON' SKINY LATTE KENTUCKY COFFEE TREE, 2-1/2"	EACH	4	4					
*	B2000132	TREE, ACER FREEMANII BAILSTON (MATADOR MAPLE), 2-1/2" CALIPER, BALLED	EACH	7	7					

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DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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353 & 350	(22&23) TS-1	COOK	277	11
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REV-SEP

					CONSTRUCTION CODE					
					90% FEDERAL / 10% STATE (HSIP)	90% FEDERAL / 10% STATE (HSIP)	100% LOCAL	100% LOCAL	100% LOCAL	100% LOCAL
	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004 URBAN	TRAFFIC SIGNALS 0021 URBAN	ROADWAY 0004 URBAN	UTILITY 0043 URBAN	TRAFFIC SIGNALS 0021 URBAN	HIGHWAY LIGHTING 0021 URBAN
*	B2000766	TREE, AMELANCHIER X GRANDIFLORA AUTUMN BRILLIANCE (AUTUMN BRILLIANCE	EACH	7	7					
*	B2006123	TREE, SYRINGA PEKINENSIS ZHANG ZHIMING (BEIJING GOLD PEKING LILAC) 2" CALIPER,	EACH	5	5					
*	B2010070	TREE, CLADRASTIS KENTUCKEA (AMERICAN YELLOWWOOD), 2" CALIPER, BALLED AND	EACH	1	1					
*	C2C00324	SHRUB, ARONIA MELANOCARPA IROQUOIS BEAUTY (IROQUOIS BEAUTY BLACK	EACH	20	20					
*	C2C03726	SHRUB, HYPERICUM KALMIANUM AMES (AMES KALM ST. JOHNSWORT), 18" HEIGHT,	EACH	7	7					
*	K0012970	PERENNIAL PLANTS, BULB TYPE	UNIT	16	16					
*	K0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	UNIT	2.52	2.52					
*	K0026850	PERENNIAL PLANT CARE	SQ YD	400	400					
*	K0029634	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	25	25					
*	K0036118	MULCH PLACEMENT 3"	SQ YD	400	400					
*	X0322936	REMOVE EXISTING FLARED END SECTION	EACH	4	4					
*	X0324085	EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	2398					2398	
*	X0324599	ROD AND CLEAN EXISTING CONDUIT	FOOT	300		300				
*	X0326148	TEMPORARY WOOD POLE, 60 FT., CLASS 4, 15 FT. MAST ARM	EACH	17						17

					CONSTRUCTION CODE					
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	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0004 URBAN	TRAFFIC SIGNALS 0021 URBAN	ROADWAY 0004 URBAN	UTILITY 0043 URBAN	TRAFFIC SIGNALS 0021 URBAN	HIGHWAY LIGHTING 0021 URBAN
*	X0327004	TEMPORARY WOOD POLE, 60 FT., CLASS 4	EACH	1						1
	X4200470	STAMPED COLORED PORTLAND CEMENT CONCRETE, 10" (JOINTED)	SQ YD	493			493			
*	X0327698	LED INTERNALLY ILLUMINATED STREET NAME SIGN	EACH	4					4	
*	X1400108	FULL-ACTUATED CONTROLLER AND TYPE SUPER R CABINET (SPECIAL)	EACH	4		1			3	
*	X1400150	SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	4		1			3	
*	X1400201	RADAR VEHICLE DETECTION SYSTEM, SINGLE APPROACH, STOP BAR	EACH	6					6	
*	X1400319	TRAFFIC SIGNAL POST, 10 FOOT, (SPECIAL)	EACH	7		3.32			3.68	
*	X1400320	TRAFFIC SIGNAL POST, 16 FOOT, (SPECIAL)	EACH	15		3.32			11.68	
*	X1400424	ELECTRIC CABLE IN CONDUIT, STREET NAME SIGN, NO. 14 3C, TYPE SOOW	FOOT	1181		980.23			200.77	
	X1700011	STAMPED COLORED PORTLAND CEMENT CONCRETE MEDIAN SURFACE 4 INCH	SQ FT	4912		1670	3242			
	X4022000	TEMPORARY ACCESS (COMMERCIAL ENTRANCE)	EACH	9	9					
	X5509900	ABANDON AND FILL EXISTING STORM SEWER	FOOT	166	166					
	X6020094	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE	EACH	2	2					
	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1					

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*	X8011000	TELEPHONE SERVICE INSTALLATION	EACH	1					1	
*	X8100105	CONDUIT SPLICE	EACH	2		2				
*	X8211007	TEMPORARY LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	17						17
*	X8250500	LIGHTING UNIT COMPLETE, SPECIAL	EACH	39						39
*	X8620200	UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	4		1			3	
*	X8710024	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	3220		3220				
*	X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	28		12			16	
*	X8770123	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 24 FT. (SPECIAL)	EACH	1					1	
*	X8770125	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 28 FT. (SPECIAL)	EACH	1					1	
*	X8770134	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 34 FT. (SPECIAL)	EACH	1					1	
*	X8770137	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 38 FT. (SPECIAL)	EACH	1					1	
*	X8770139	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT. (SPECIAL)	EACH	5		3.32			1.68	
*	X8770141	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT. (SPECIAL)	EACH	2					2	
*	X8770154	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 54 FT. (SPECIAL)	EACH	1					1	

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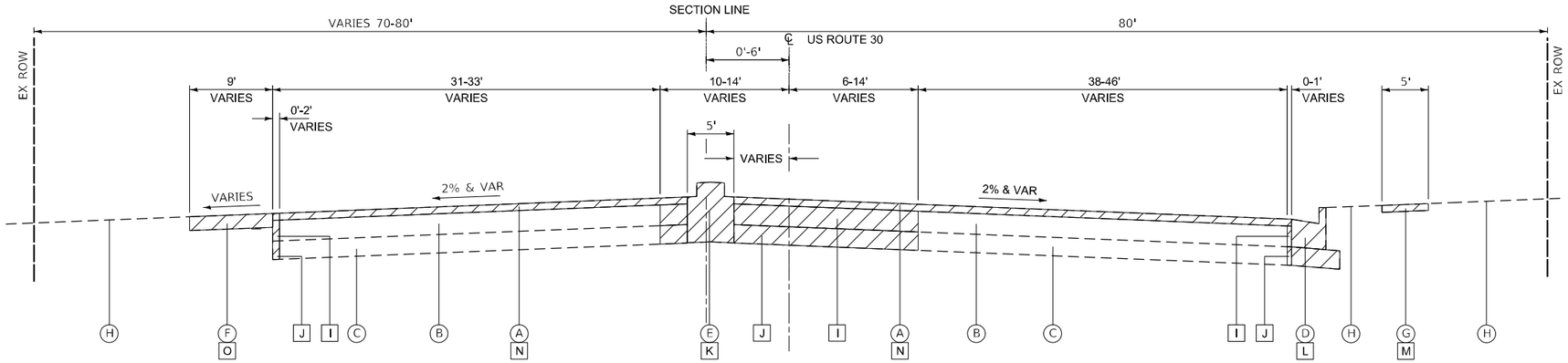
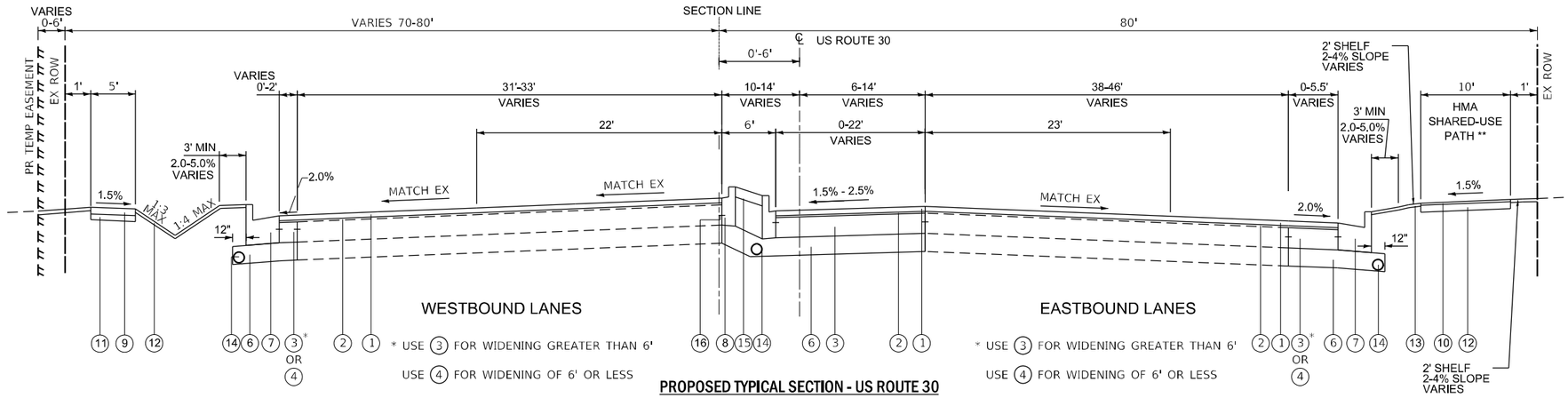
*	X8770156	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 56 FT. (SPECIAL)	EACH	2					2	
*	X8770158	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 58 FT. (SPECIAL)	EACH	1					1	
*	X8772930	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 40 FT. (SPECIAL)	EACH	1					1	
*	X8780012	CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	28		16			12	
	X8950130	MODIFY EXISTING LIGHTING CONTROLLER	EACH	1						1
	Z0004538	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 10"	SQ YD	400	400					
	Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1					
	Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	216	216					
*	Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	18						18
*	Z0033046	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	1		1				
*	Z0056608	STORM SEWER (WATER MAIN REQUIREMENTS) 12 INCH	FOOT	460.2	460.2					
*	Z0056610	STORM SEWER (WATER MAIN REQUIREMENTS) 15 INCH	FOOT	79.2	79.2					
*	Z0056616	STORM SEWER (WATER MAIN REQUIREMENTS) 24 INCH	FOOT	50.8	50.8					
*	Z0056620	STORM SEWER (WATER MAIN REQUIREMENTS) 30 INCH	FOOT	395.7	395.7					
Ø	Z0076600	TRAINEES	HOURS	3000	3000					
	Z0062456	TEMPORARY PAVEMENT	SQ YD	1513	1513					
Ø	Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOURS	3000	3000					
*	Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	4		1			3	

Ø 0042



EXISTING TYPICAL SECTION - US ROUTE 30
STA 28+30 TO STA 33+43.50



PROPOSED TYPICAL SECTION - US ROUTE 30
STA 28+30 TO STA 37+20
INTERSECTION OMISSION: 33+43.50 TO 36+66.61

** SHARED USE PATH CONTINUES TO STA 47+57.43

LEGEND - EXISTING TYPICAL SECTIONS

- (A) EXISTING HMA PAVEMENT, 2 1/2" & VARIES
- (B) EXISTING PCC PAVEMENT, 9" & VARIES
- (C) EXISTING GRANULAR SUB-BASE, 5" & VARIES
- (D) EXISTING COMBINATION CURB & GUTTER, TYPE B-6.24
- (E) EXISTING CONCRETE BARRIER MEDIAN
- (F) EXISTING PAVED SHOULDER
- (G) EXISTING SIDEWALK
- (H) EXISTING GRADING
- [I] PAVEMENT REMOVAL
- [J] EARTH EXCAVATION
- [K] MEDIAN REMOVAL
- [L] COMBINATION CURB AND GUTTER REMOVAL
- [M] SIDEWALK REMOVAL
- [N] HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
- [O] PAVED SHOULDER REMOVAL
- REMOVAL ITEMS

LEGEND - PROPOSED TYPICAL SECTIONS

- (1) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1 3/4"
- (2) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4"
- (3) PORTLAND CEMENT CONCRETE BASE COURSE, 9"
- (4) PORTLAND CEMENT CONCRETE BASE COURSE WIDENING, 9" (WIDENING < 6FT)
- (5) NOT USED
- (6) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (7) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- (8) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- (9) PCC SIDEWALK, 5"
- (10) HOT-MIX ASPHALT SURFACE COURSE, MIX 'D', IL 9.5, N50, 2"
- (11) AGGREGATE BASE COURSE, TYPE B 4"
- (12) AGGREGATE BASE COURSE, TYPE B 5"
- (13) SODDING, SALT TOLERANT TOPSOIL EXCAVATION AND PLACEMENT, 4"
- (14) PIPE UNDERDRAINS, TYPE 2, 4"
- (15) STAMPED COLORED PCC MEDIAN SURFACE, 4 INCH SUBBASE GRANULAR MATERIAL, TYPE B, 12"
- (16) #6 TIE BARS, 30 INCH (INCLUDED IN PCC BASE COURSE, MEDIAN, AND CURB & GUTTER)

MIXTURES TABLE

MIXTURE TYPE	AIR VOIDS @ Ndes	QMP
PAVEMENT RESURFACING		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1-3/4"	3.5% @ 80 GYR.	QCP
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4"	3.5% @ 50 GYR.	QC/QA
PAVEMENT WIDENING / RECONSTRUCTION (US ROUTE 30)		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1-3/4"	3.5% @ 80 GYR.	QCP
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4"	3.5% @ 50 GYR.	QC/QA
PAVEMENT WIDENING / RECONSTRUCTION (IL ROUTE 50)		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1-3/4"	3.5% @ 80 GYR.	QCP
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4"	3.5% @ 50 GYR.	QC/QA
TEMPORARY PAVEMENT		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL 9.5, N70, 2"	4% @ 70 GYR.	QC/QA
HMA BINDER IL-19 MM, 9-1/2"	4% @ 70 GYR.	QC/QA
HOT-MIX ASPHALT DRIVEWAYS, 10"		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL 9.5, N50, 2"	4% @ 50 GYR.	QC/QA
HOT-MIX ASPHALT BASE COURSE (HMA BINDER IL-19 MM), 8"	4% @ 50 GYR.	QC/QA
SHARED-USE PATH		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL 9.5, N50, 2"	4% @ 50 GYR.	QC/QA

QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (QCP)

1. THE UNIT WEIGHT 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. PC CONCRETE TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ART. 1020 OF THE STANDARD SPECIFICATIONS, PCC PAVEMENT 11-1/2" THICK. TEMPORARY PCC PAVEMENT DOES NOT REQUIRE DOWEL BARS.
4. LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50.

MODEL: Default
FILE NAME: 2:\18-00124-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Plan Production\Sheet\D162G38-sht-typsk.dt-1.dgn

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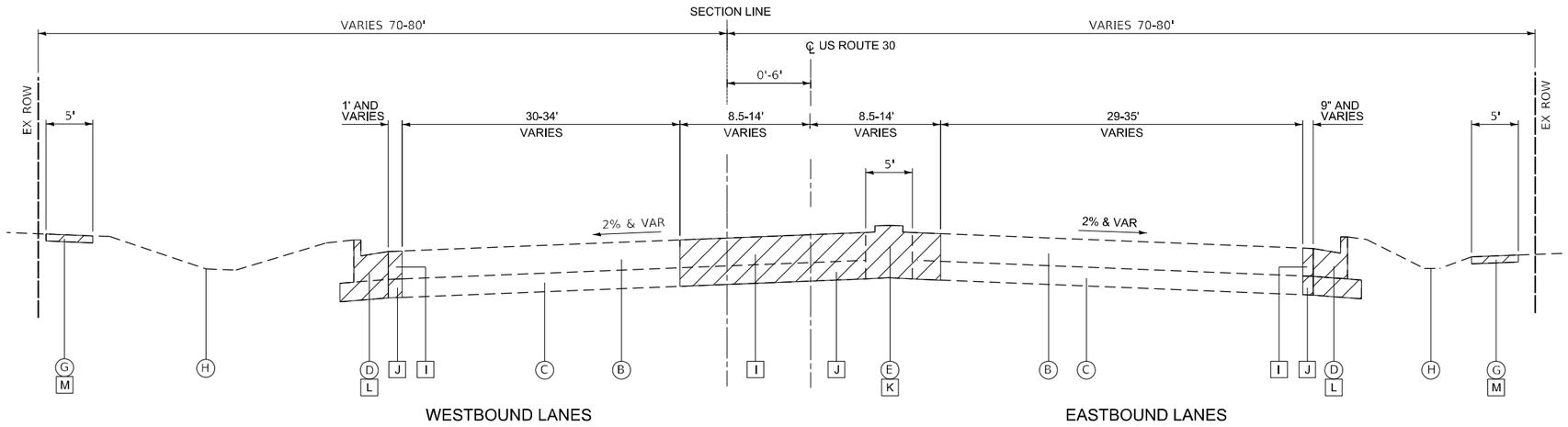
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
US ROUTE 30 (LINCOLN HIGHWAY)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	14
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

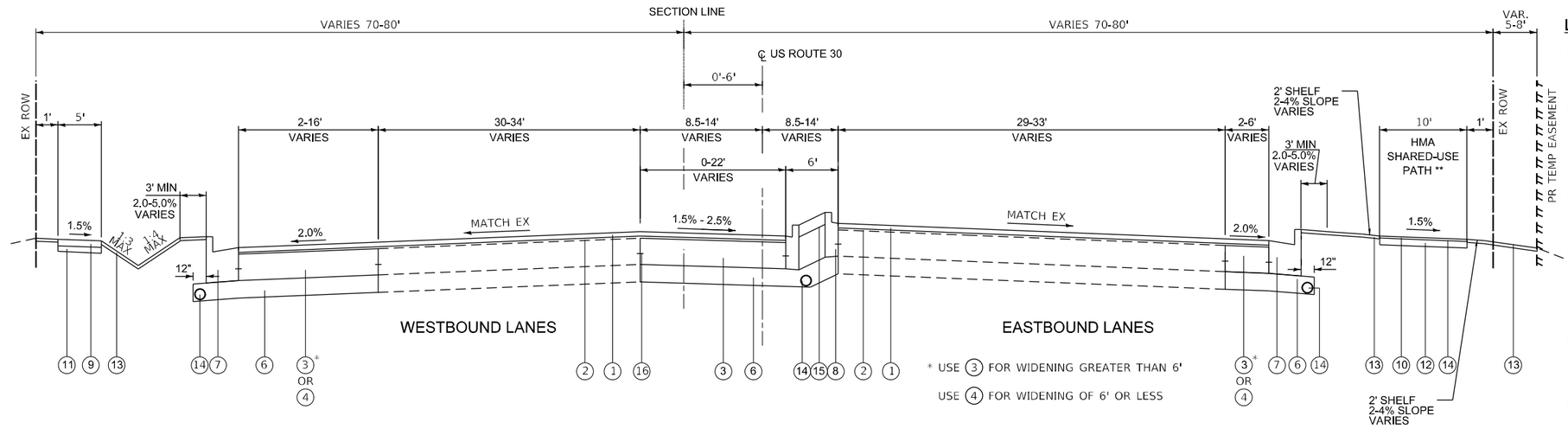


EXISTING TYPICAL SECTION - U.S. ROUTE 30
STA 37+20 TO STA 41+08

LEGEND - EXISTING TYPICAL SECTIONS

- (A) EXISTING HMA PAVEMENT, 2 1/2" & VARIES
- (B) EXISTING PCC PAVEMENT, 9" & VARIES
- (C) EXISTING GRANULAR SUB-BASE, 5" & VARIES
- (D) EXISTING COMBINATION CURB & GUTTER, TYPE B-6.24
- (E) EXISTING CONCRETE BARRIER MEDIAN
- (F) EXISTING PAVED SHOULDER
- (G) EXISTING SIDEWALK
- (H) EXISTING GRADING
- [I] PAVEMENT REMOVAL
- [J] EARTH EXCAVATION
- [K] MEDIAN REMOVAL
- [L] COMBINATION CURB AND GUTTER REMOVAL
- [M] SIDEWALK REMOVAL
- [N] HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"

REMOVAL ITEMS



* USE (3) FOR WIDENING GREATER THAN 6'
USE (4) FOR WIDENING OF 6' OR LESS

** SHARED USE PATH CONTINUES TO STA 47+57.43

PROPOSED TYPICAL SECTION - U.S. ROUTE 30
STA 37+20 TO STA 41+98

LEGEND - PROPOSED TYPICAL SECTIONS

1. POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1 3/4"
2. POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4"
3. PORTLAND CEMENT CONCRETE BASE COURSE, 9"
4. PORTLAND CEMENT CONCRETE BASE COURSE WIDENING, 9" (WIDENING < 6FT)
5. NOT USED
6. AGGREGATE SUBGRADE IMPROVEMENT, 12"
7. COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
8. COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
9. PCC SIDEWALK, 5"
10. HOT-MIX ASPHALT SURFACE COURSE, MIX 'D', IL 9.5, N50, 2"
11. AGGREGATE BASE COURSE, TYPE B 4"
12. AGGREGATE BASE COURSE, TYPE B 5"
13. SODDING, SALT TOLERANT
    TOPSOIL EXCAVATION AND PLACEMENT, 4"
14. PIPE UNDERDRAIN, TYPE 2, 4"
15. STAMPED COLORED PCC MEDIAN SURFACE, 4 INCH
    SUBBASE GRANULAR MATERIAL, TYPE B, 12"
16. #6 TIE BARS, 30 INCH
    (INCLUDED IN PCC BASE COURSE, MEDIAN, AND CURB & GUTTER)

MODEL: Default
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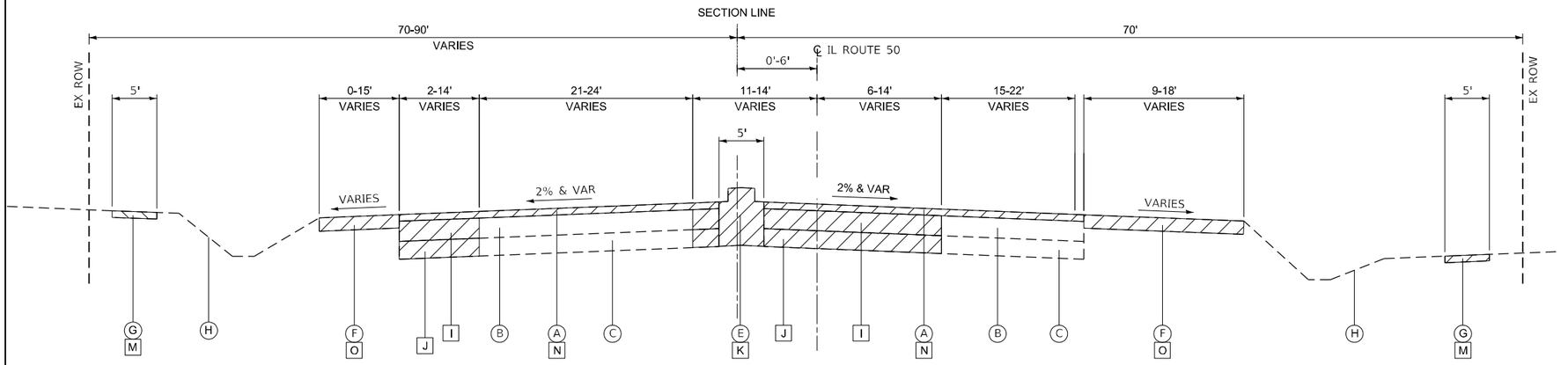
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
US ROUTE 30 (LINCOLN HIGHWAY)

SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	15
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			



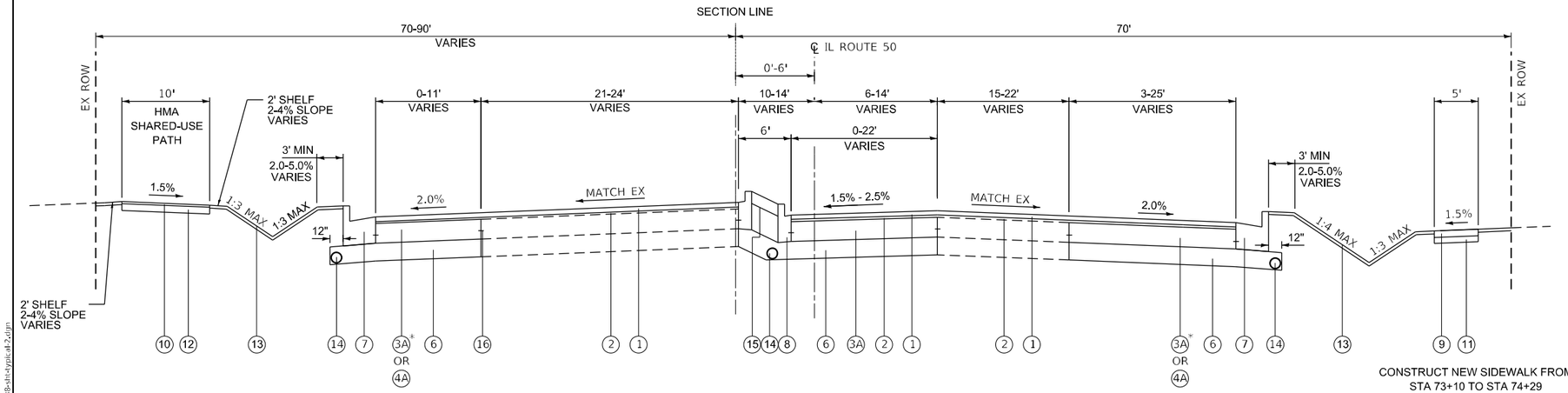
EXISTING TYPICAL SECTION - IL ROUTE 50

STA 67+90 TO STA 73+33.25

LEGEND - EXISTING TYPICAL SECTIONS

- (A) EXISTING HMA PAVEMENT, 3" & VARIES
- (B) EXISTING PCC PAVEMENT, 9" & VARIES
- (C) EXISTING GRANULAR SUB-BASE, 5" & VARIES
- (D) EXISTING COMBINATION CURB & GUTTER, TYPE B-6.24
- (E) EXISTING CONCRETE BARRIER MEDIAN
- (F) EXISTING PAVED SHOULDER
- (G) EXISTING SIDEWALK
- (H) EXISTING GRADING
- [I] PAVEMENT REMOVAL
- [J] EARTH EXCAVATION
- [K] MEDIAN REMOVAL
- [L] COMBINATION CURB AND GUTTER REMOVAL
- [M] SIDEWALK REMOVAL
- [N] HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
- [O] PAVED SHOULDER REMOVAL

REMOVAL ITEMS



PROPOSED TYPICAL SECTION - IL ROUTE 50

STA 67+90 TO STA 73+33.25

* USE (3A) FOR WIDENING OF GREATER THAN 6'

USE (4A) FOR WIDENING OF 6' OR LESS

LEGEND - PROPOSED TYPICAL SECTIONS

- (1) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1 3/4"
- (2) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4"
- (3A) PORTLAND CEMENT CONCRETE BASE COURSE, 8"
- (4A) PORTLAND CEMENT CONCRETE BASE COURSE WIDENING, 8" (WIDENING < 6FT)
- (5) NOT USED
- (6) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (7) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- (8) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- (9) PCC SIDEWALK, 5"
- (10) HOT-MIX ASPHALT SURFACE COURSE, MIX 'D', IL 9.5, N50, 2"
- (11) AGGREGATE BASE COURSE, TYPE B 4"
- (12) AGGREGATE BASE COURSE, TYPE B 5"
- (13) SODDING, SALT TOLERANT
  TOPSOIL EXCAVATION AND PLACEMENT, 4"
- (14) PIPE UNDERDRAIN, TYPE 2, 4"
- (15) STAMPED COLORED PCC MEDIAN SURFACE, 4 INCH
  SUBBASE GRANULAR MATERIAL, TYPE B, 12"
- (16) #6 TIE BARS, 30 INCH
  (INCLUDED IN PCC BASE COURSE, MEDIAN, AND CURB & GUTTER)

MODEL: Default
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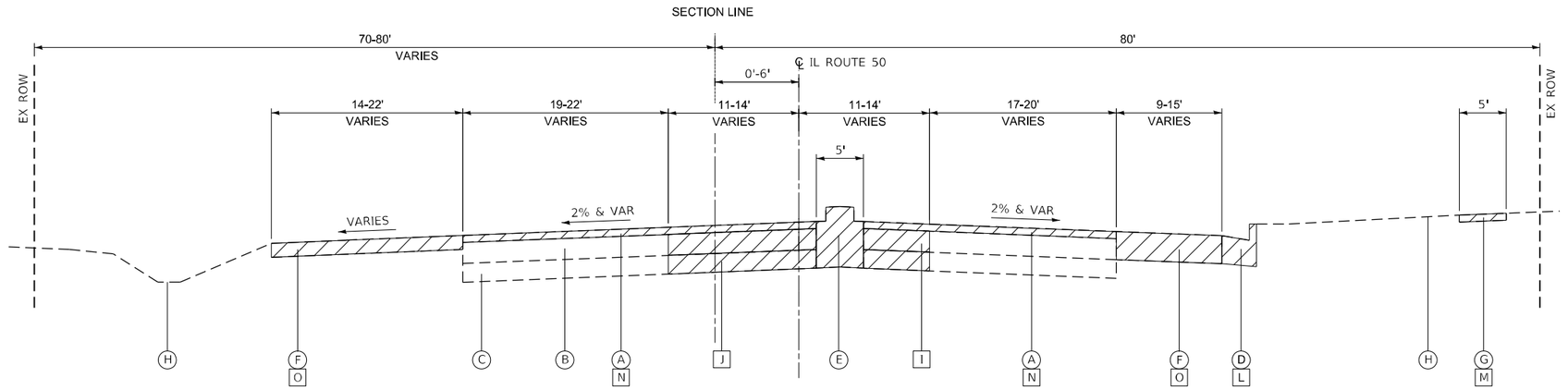
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
IL ROUTE 50 (CICERO AVENUE)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	16
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

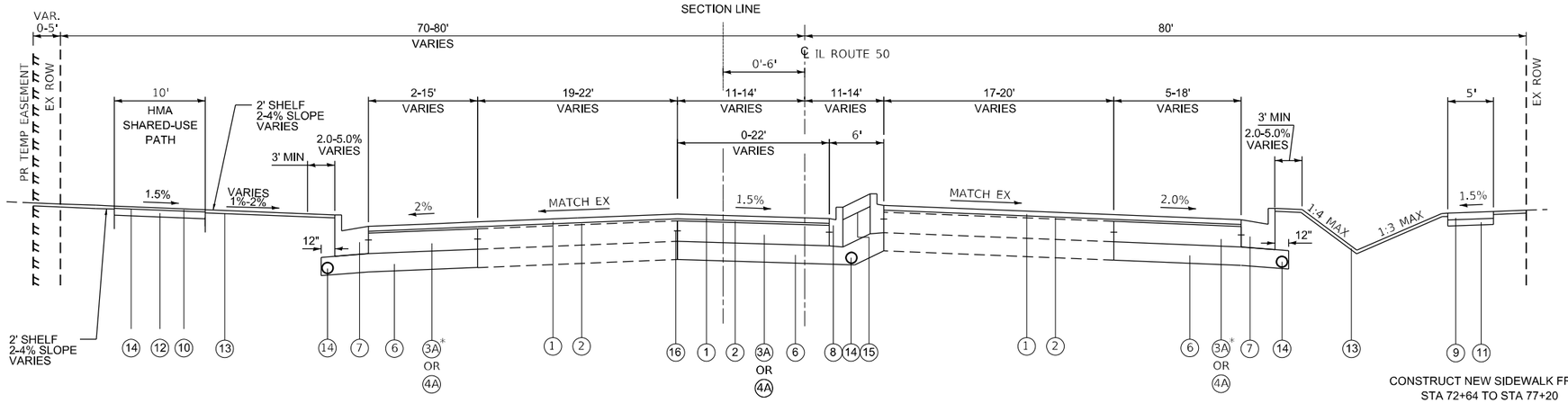


EXISTING TYPICAL SECTION - IL ROUTE 50
STA 76+70 TO STA 80+28

LEGEND - EXISTING TYPICAL SECTIONS

- (A) EXISTING HMA PAVEMENT, 3" & VARIES
- (B) EXISTING PCC PAVEMENT, 9" & VARIES
- (C) EXISTING GRANULAR SUB-BASE, 5" & VARIES
- (D) EXISTING COMBINATION CURB & GUTTER, TYPE B-6.24
- (E) EXISTING CONCRETE BARRIER MEDIAN
- (F) EXISTING PAVED SHOULDER
- (G) EXISTING SIDEWALK
- (H) EXISTING GRADING
- [I] PAVEMENT REMOVAL
- [J] EARTH EXCAVATION
- [K] MEDIAN REMOVAL
- [L] COMBINATION CURB AND GUTTER REMOVAL
- [M] SIDEWALK REMOVAL
- [N] HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"
- [O] PAVED SHOULDER REMOVAL

REMOVAL ITEMS



PROPOSED TYPICAL SECTION - IL ROUTE 50
STA 76+70 TO STA 80+28

* USE (3A) FOR WIDENING OF GREATER THAN 6'

USE (4A) FOR WIDENING OF 6' OR LESS

LEGEND - PROPOSED TYPICAL SECTIONS

- (1) POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, 9.5, MIX "F", N80, 1 3/4"
- (2) POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50, 3/4"
- (3A) PORTLAND CEMENT CONCRETE BASE COURSE, 8"
- (4A) PORTLAND CEMENT CONCRETE BASE COURSE WIDENING, 8" (WIDENING < 6FT)
- (5) NOT USED
- (6) AGGREGATE SUBGRADE IMPROVEMENT, 12"
- (7) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24
- (8) COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.12
- (9) PCC SIDEWALK, 5"
- (10) HOT-MIX ASPHALT SURFACE COURSE, MIX 'D', IL 9.5, N50, 2"
- (11) AGGREGATE BASE COURSE, TYPE B 4"
- (12) AGGREGATE BASE COURSE, TYPE B 5"
- (13) SODDING, SALT TOLERANT
  TOPSOIL EXCAVATION AND PLACEMENT, 4"
- (14) PIPE UNDERDRAIN, TYPE 2, 4"
- (15) STAMPED COLORED PCC MEDIAN SURFACE, 4 INCH
  SUBBASE GRANULAR MATERIAL, TYPE B, 12"
- (16) #6 TIE BARS, 30 INCH
  (INCLUDED IN PCC BASE COURSE, MEDIAN, AND CURB & GUTTER)

MODEL: Default
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PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS
IL ROUTE 50 (CICERO AVENUE)
SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	17
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			

EARTHWORK SCHEDULE											
		TOPSOIL									
	A	B	C	D = B - C	E = A	F	G	H	I = (F - G + H) * 0.85	J	L = I - J
LOCATION	UNDERCUT (CU YD)	TOPSOIL EXCAVATION (CU YD)	TOPSOIL PLACEMENT (CU YD)	TOPSOIL BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)	REMOVAL & DISPOSAL OF UNSUITABLE MATERIAL (CU YD)	EARTH EXCAVATION (CU YD)	NON-SPECIAL WASTE DISPOSAL (CU YD)	UTILITY EXCAVATION (CU YD)	EXCAVATION TO BE USED IN EMBANKMENT (15% SHRINKAGE) (CU YD)	EMBANKMENT (CU YD)	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD)
US ROUTE 30											
STAGE 2	120	820	1214	-394	120	1741	1260	2076	2173	1402	771
STAGE 3	117	0	0	0	117	1142	0	381	1295	0	1295
IL ROUTE 50											
STAGE 2	114	663	951	-288	114	1786	1000	1199	1687	1395	292
STAGE 3	127	0	0	0	127	1065	0	262	1128	0	1128
TOTAL	**478**	**1483**	**2165**	**-682**	**478**	**5734**	**2260**	**3918**	**6283**	**2797**	**3486**

Column A - Additional cut material that is determined to be either unstable or unsuitable for use in embankment. Assumed to be 15% of base course and base course widening total quantities at a 1 ft assumed depth.
Column B - Topsoil removal quantity from cross sections.
Column C - Additional topsoil required for final condition (TOPSOIL FURNISH AND PLACE, 30")
Column D- Topsoil balance after removing non-special waste.
Column E - Cut material that is determined to be either unstable or unsuitable for use in embankment.
Column F - Cut quantity from cross sections.
Column G - Volume of non-special waste identified within the cut quantities from the cross sections. To be determined after PSI is performed.
Column H - Cut quantities remaining after installation of utilities.
Column I - Cut quantities that are acceptable for use in embankment multiplied by a shrinkage factor.
Column J - Fill quanitities from cross sections.
Column K - Off-site material needed or material waste.

MODEL: Default
FILE NAME: Z:\18-0012-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Plan Production\Sheet\D162G38-sht-scheduletx.dgn

Peralte-Clark LLC

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PLOT DATE = 4/28/2023	DATE - 2-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EARTHWORK SCHEDULE

SCALE: N/A | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	18
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

COMBINATION CONCRETE CURB AND GUTTER AND CONCRETE MEDIAN SCHEDULE

			44000500	44003100	60603800	60605000	60619600	60618300	X1700011	NOTES
			COMBINATION CURB AND GUTTER REMOVAL	MEDIAN REMOVAL	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	CONCRETE MEDIAN, TYPE SB-6.12	CONCRETE MEDIAN SURFACE, 4 INCH	STAMPED COLORED PORTLAND CEMENT CONCRETE MEDIAN SURFACE 4 INCH	
BEGIN STA.	END STA.	OFFSET	FOOT	SQ FT	FOOT	FOOT	SQ FT	SQ FT	SQ FT	
US ROUTE 30										
28+00	35+00	LT	320	254	123	648		518		INCLUDES CORNER ISLANDS
28+00	35+00	RT	784	756	116	642		454		INCLUDES CORNER ISLANDS
28+00	35+00	-		3072	1124		122		1106	MEDIAN WORK
35+00	42+00	LT	740	319	119	626		460		INCLUDES CORNER ISLANDS
35+00	42+00	RT	702	494	121	634		498		INCLUDES CORNER ISLANDS
35+00	42+00	-		1547	1028		143		1224	MEDIAN WORK
47+38	48+50	LT	113			113				LINDENWOOD INTERSECTION
47+38	48+50	RT	108	236	60	108				LINDENWOOD INTERSECTION
IL ROUTE 50										
67+00	75+00	LT	298	269		689				
67+00	75+00	RT	174			698				
67+00	75+00	-		2765	1234		135		1450	MEDIAN WORK
75+00	83+60	LT	139	153		574				
75+00	83+60	RT	451		1111	478				
75+00	83+60	-		3707	63		650	909	1132	MEDIAN WORK
TOTALS			**3829**	**13572**	**5099**	**5210**	**1050**	**2839**	**4912**	

DRIVEWAY SCHEDULE

			44000200	Z0004538	42300400	44000500	60600605	60618300
			DRIVEWAY PAVEMENT REMOVAL	HOT-MIX ASPHALT DRIVEWAY PAVEMENT 10"	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	COMBINATION CURB AND GUTTER REMOVAL	CONCRETE CURB, TYPE B	CONCRETE MEDIAN SURFACE, 4 INCH
STATION	OFFSET	TYPE	SQ YD	SQ YD	SQ YD	FOOT	FOOT	SQ FT
US ROUTE 30								
30+62	LT	PCC	61		110	64	88	
32+04	RT	PCC	111		90	76	66	
37+02	LT	PCC	142		77	92	51	
38+50	LT	HMA	87	45		65	45	
41+46	RT	PCC	199		222	132	77	41
47+92	RT	HMA						79
IL ROUTE 50								
67+25	LT	HMA						
67+30	RT	HMA						
70+63	LT	PCC	157		187		126	
72+78	LT	PCC	189		244	99	140	
76+89	RT	PCC	154		71	52	54	
77+68	LT	PCC	50		73	57	94	
80+60	RT	HMA	164	161		92	60	
81+00	LT	HMA	86	194		46		
80+97	LT	HMA						5
80+92	RT	HMA						
TOTALS			**1400**	**400**	**1075**	**775**	**801**	**125**

SIDEWALK AND MULTI-USE PATH SCHEDULE

			42400200	35101600	40604060	40600275	35101700	44000600	42400800
			PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	AGGREGATE BASE COURSE, TYPE B 4"	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	BITUMINOUS MATERIALS (PRIME COAT)	AGGREGATE BASE COURSE, TYPE B 5"	SIDEWALK REMOVAL	DETECTABLE WARNINGS
STATION	TO STATION	SIDE	SQ FT	SQ YD	TON	POUND	SQ YD	SQ FT	SQ FT
US ROUTE 30									
28+24	32+02	RT	411	46	38	769	342	1806	44
28+30	30+64	LT	1102	122				904	35
30+64	34+50	LT	2012	224					90
32+02	34+50	RT	355	39	20	430	281	1357	110
35+50	37+00	LT	701	78				579	80
35+50	42+00	RT	359	40	63	1267	563	3540	127
37+00	38+50	LT	587	65				573	19
38+50	42+00	LT	1594	177				1388	29
41+50	48+50	RT	541		67	1340		3053	62
42+00	48+50	LT	552	61			595	545	40
IL ROUTE 50									
66+60	70+62	LT	435	48	27	548	252	1542	58
66+60	74+50	RT	1399	155				807	24
70+62	72+78	LT	224	25	20	406	176	898	40
72+78	74+00	LT	111	12	12	238		289	20
75+50	77+52	LT	165	18	17	430	149		
76+89	82+00	RT	168	19				469	
77+52	82+00	LT	543	60	33	656	291	111	30
TOTALS			**11259**	**1191**	**297**	**6084**	**2650**	**17861**	**808**

ROADWAY PAVEMENT SCHEDULE

			30300112	35300300	35300400	35400300	35400400	40600290	40603200	40605026
			AGGREGATE SUBGRADE IMPROVEMENT, 12"	PORTLAND CEMENT CONCRETE BASE COURSE, 8"	PORTLAND CEMENT CONCRETE BASE COURSE, 9"	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING, 8"	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING, 9"	BITUMINOUS MATERIALS (TACK COAT)	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	POLYMERIZED HOT-MIX SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80
STATION	TO STATION	LOCATION	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	POUND	TON	TON
US ROUTE 30										
28+28	34+33	LEFT TURN LANES	1582	0	1113	0	72	800	49	116
28+28	34+33	WB LANES	289	0	0	0	52	1519	93	221
28+28	34+33	EB LANES	412	0	0	0	130	2037	124	296
35+50	41+10	LEFT TURN LANES	1588	0	1134	0	50	800	49	116
35+50	41+10	WB LANES	754	0	516	0	48	1668	102	242
35+50	41+10	EB LANES	450	0	156	0	101	1420	87	206
MATTESON AVE INTERSECTION			0	0	0	0	0	1398	85	203
IL ROUTE 50 INTERSECTION (RESURFACING)			0	0	0	0	0	775	47	112
IL ROUTE 50 INTERSECTION (NW WIDENING)			462	0	292	0	0	197	12	29
IL ROUTE 50 INTERSECTION (NE WIDENING)			651	0	450	0	0	304	19	44
IL ROUTE 50 INTERSECTION (SW WIDENING)			549	0	310	0	0	209	13	30
IL ROUTE 50 INTERSECTION (SE WIDENING)			501	0	359	0	0	242	15	35
HOMELAND RD INTERSECTION			0	0	0	0	0	676	41	98
IL ROUTE 50										
67+67	74+42	LEFT TURN LANES	1882	1306	0	49	0	914	56	133
67+53	74+42	NB LANES	1183	933	0	40	0	1486	91	216
67+57	74+42	SB LANES	618	289	0	91	0	1377	84	200
75+45	83+60	LEFT TURN LANES	1724	1079	0	124	0	812	50	118
75+45	83+60	NB LANES	550	255	0	113	0	1667	102	242
75+45	83+60	SB LANES	709	449	0	95	0	1935	118	281
TOWN CENTER DRIVE INTERSECTION			0	0	0	32	0	1058	65	154
TOTALS			**13904**	**4311**	**4329**	**544**	**454**	**21292**	**1301**	**3091**

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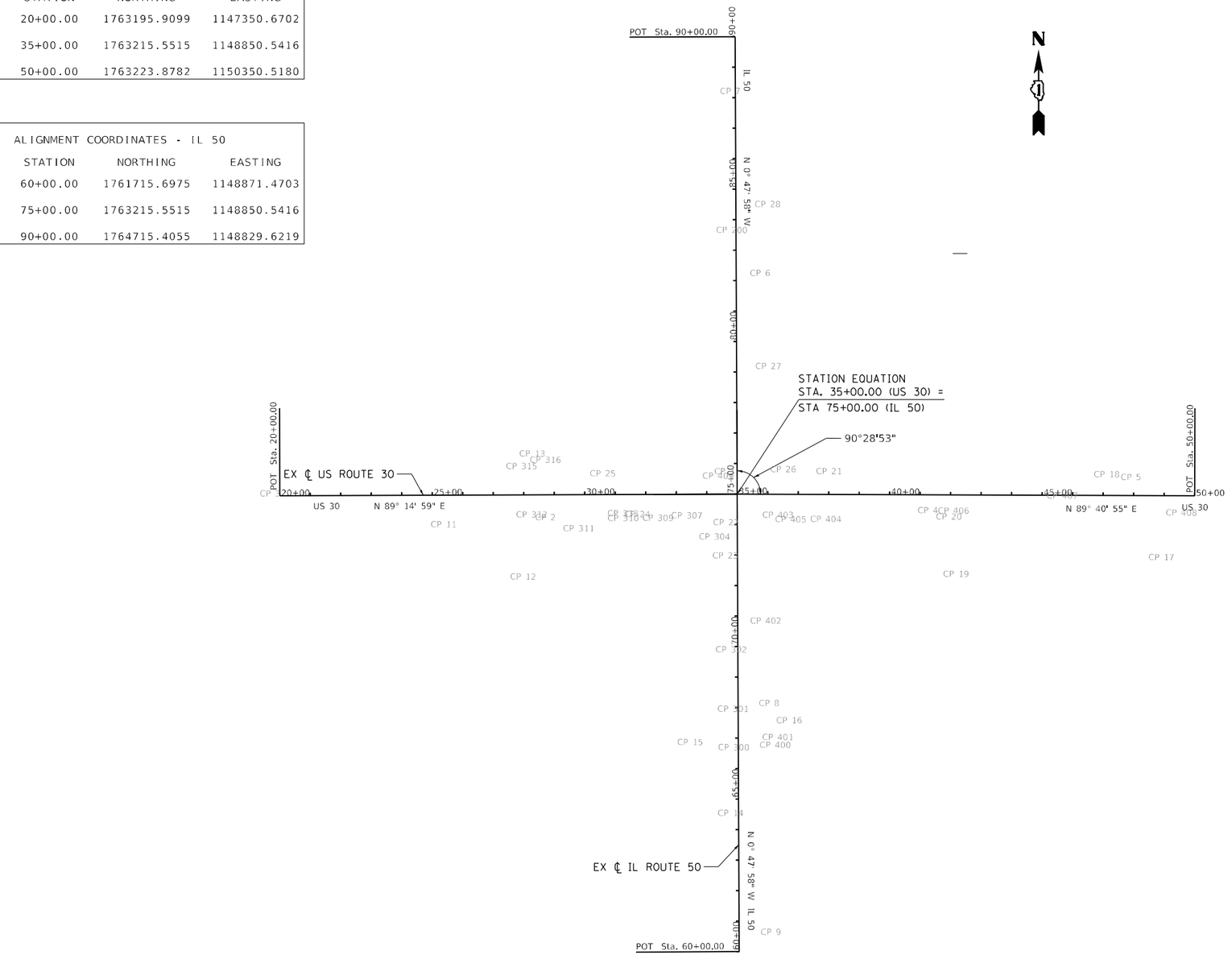
ALIGNMENT COORDINATES - US 30			
US 30	STATION	NORTHING	EASTING
POB	20+00.00	1763195.9099	1147350.6702
POI	35+00.00	1763215.5515	1148850.5416
POT	50+00.00	1763223.8782	1150350.5180

ALIGNMENT COORDINATES - IL 50			
IL 50	STATION	NORTHING	EASTING
POB	60+00.00	1761715.6975	1148871.4703
POI	75+00.00	1763215.5515	1148850.5416
POT	90+00.00	1764715.4055	1148829.6219



CONTROL POINTS

CONTROL POINT #	NORTHING	EASTING	ELEVATION
1	1763289.6569	1148775.3714	712.85
2	1763133.6527	1148189.4477	712.63
3	1763203.0351	1147285.3808	719.58
4	1763168.2568	1149443.2244	709.87
5	1763283.4030	1150108.1564	700.78
6	1763941.0609	1148885.9889	714.53
7	1764537.0083	1148782.1808	713.26
8	1762531.0789	1148928.3226	709.28
9	1761780.1935	1148924.5577	706.98
11	1763106.9183	1147846.6139	713.31
12	1762938.2748	1148109.0482	711.76
13	1763341.9837	1148135.2389	713.90
14	1762169.5274	1148796.7258	709.20
15	1762400.5795	1148661.8539	709.48
16	1762475.2404	1148986.1798	709.17
17	1763021.4519	1150201.3671	699.39
18	1763291.5494	1150019.8443	702.93
19	1762960.4360	1149528.6642	706.87
20	1763146.6807	1149496.8717	709.38
21	1763293.3563	1149108.7444	712.37
22	1763122.5100	1148772.6469	712.82
23	1763013.7373	1148771.6793	712.82
24	1763136.2315	1148481.5173	712.97
25	1763278.9330	1148367.2010	711.84
26	1763300.3204	1148925.3028	712.85
27	1763635.8527	1148906.8217	714.36
28	1764167.0003	1148899.5743	714.66
200	1764081.2790	1148774.0890	713.53
300	1762385.0459	1148795.9786	710.23
301	1762511.1273	1148792.9212	710.62
302	1762705.6857	1148785.0338	711.09
304	1763075.3654	1148726.7628	713.00
307	1763143.8869	1148635.2936	712.69
309	1763135.3607	1148538.6481	712.71
310	1763133.8320	1148427.4796	713.37
311	1763098.0705	1148281.0808	711.84
312	1763142.1870	1148126.5207	713.07
313	1763135.6835	1148426.4126	713.36
315	1763300.4810	1148092.0110	713.68
316	1763258.6204	1147919.4402	713.63
400	1762393.9460	1148932.0949	710.00
401	1762419.8844	1148940.3509	710.15
402	1762800.9289	1148897.2527	711.23
403	1763136.0488	1148934.7214	711.45
404	1763136.1944	1149091.2509	711.11
405	1763137.2479	1148975.9484	711.24
406	1763165.2671	1149494.7967	709.67
407	1763220.4879	1149865.7923	704.88
408	1763168.1257	1150256.8903	698.65
409	1763274.6708	1148736.5463	712.56

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Peralte-Clark LLC

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	DRAWN - ASH	REVISED -
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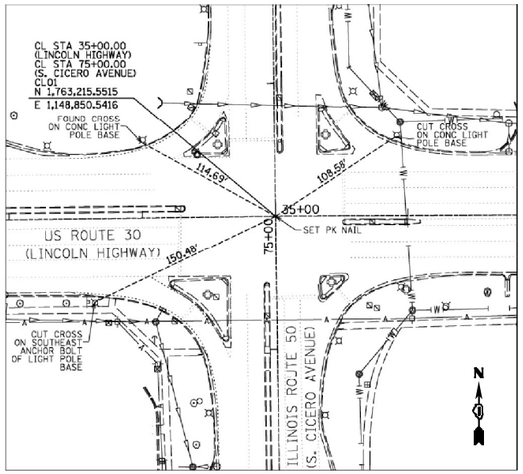
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

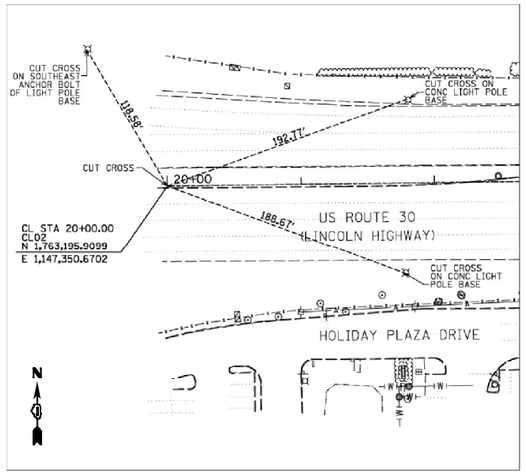
U.S. ROUTE 30 (LINCOLN HWY) AT IL. ROUTE 50 (S. CICERO AVE.)
ALIGNMENT & TIES

SHEET OF SHEETS STA. TO STA.

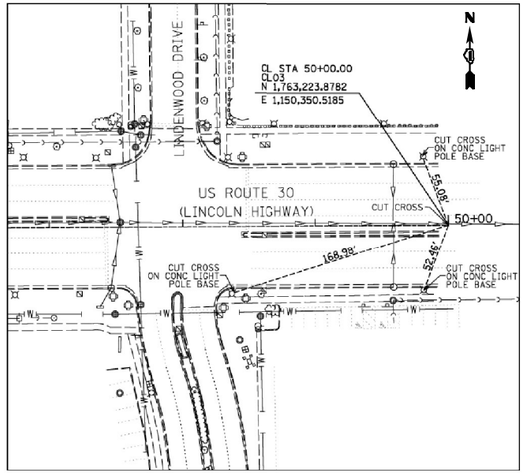
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	21
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		



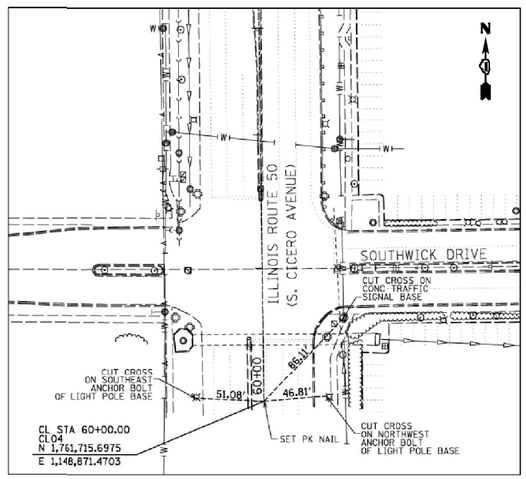
CL STA 35+00.00 (LINCOLN HIGHWAY)
CL STA 75+00.00 (S. CICERO AVENUE)
PK NAIL
CL 1



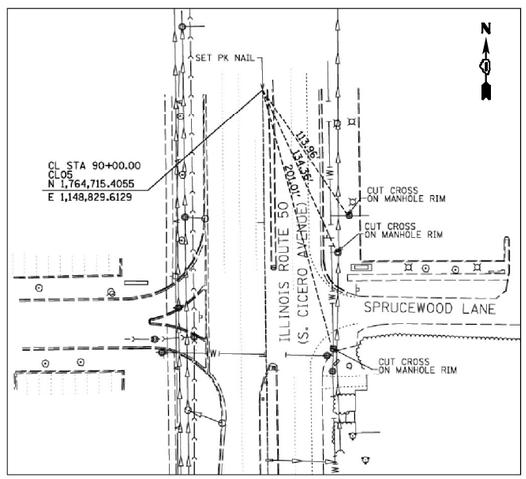
CL STA 20+00.00 (LINCOLN HIGHWAY)
CUT CROSS
CL 2



CL STA 50+00.00 (LINCOLN HIGHWAY)
CUT CROSS
CL 3



CL STA 60+00.00 (S. CICERO AVENUE)
SET PK NAIL
CL 4



CL STA 90+00.00 (S. CICERO AVENUE)
SET PK NAIL
CL 5

BENCHMARKS

PID ME1606 - THE MARKER IS APPROXIMATELY FOUR FEET FROM THE CURB OF ILLINOIS ROUTE 50 (CICERO), 40 FEET DIRECTLY FROM THE OLD PLANK TRAIL, AND 40 FEET FROM THE GREEN (GASOLINE) PIPE STICKING OUT OF THE GROUND NEAR THE END OF THE CURVE IN THE TRAIL.
LAT: N412956.0, LONG: W0874355.9, ELEV: 712.39

PROJECT BENCHMARKS

BM #21868 - SQUARE CUT ON SOUTHWEST CORNER OF TRAFFIC CONTROL BOX
NORTHEAST CORNER OF U.S. ROUTE 30 AND CICERO AVENUE
NORTH: 1763307.7, EAST: 1148926.9, ELEV: 713.31

BM #30001 - CROSS CUT ON SOUTHEAST CORNER OF CONCRETE BASE OF TRAFFIC SIGNAL
NORTHWEST CORNER OF CICERO AVENUE AND TOWN CENTER DRIVE
NORTH: 1762500.2, EAST: 1148807.9, ELEV: 710.36

BM #30002 - CROSS CUT ON NORTHEAST CORNER OF CONCRETE BASE OF TRAFFIC SIGNAL
SOUTHWEST CORNER OF CICERO AVENUE AND TOWN CENTER DRIVE
NORTH: 1762400.1, EAST: 1148787.8, ELEV: 710.44

BM #300795 - RAILROAD TRACK SPIKE FOUND IN THE WEST FACE OF POWER POLE
SOUTHWEST CORNER OF U.S. ROUTE 30 AND CICERO AVENUE
NORTH: 1763107.7, EAST: 1148764.4, ELEV: 713.08

BM #42427 - CROSS CUT ON NORTH SIDE OF CONCRETE BASE OF ALUMINUM LIGHT POLE
SOUTH SIDE OF U.S. ROUTE 30, SECOND LIGHT POLE EASE OF LINDENWOOD DRIVE
NORTH: 1763174.5, EAST: 1150332.2, ELEV: 698.37

NOTE: ALL ELEVATIONS INDICATED ABOVE ARE BASED UPON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD '88) AND WERE DERIVED FROM TERRESTRIAL MEASUREMENTS CONDUCTED FROM THE NATIONAL GEODETIC SURVEY (NGS) MONUMENT IDENTIFIED AS PID ME1606. ALL NORTH AND EAST COORDINATE VALUES ARE BASED UPON THE ILLINOIS STATE PLANE EASTERN ZONE GRID VALUES AND ARE INTENDED AS APPROXIMATE LOCATIONS ONLY FOR THE PURPOSE OF NAVIGATING TO THE BENCHMARKS AND SHOULD NOT BE UTILIZED FOR HORIZONTAL CONTROL.

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Peralte-Clark LLC

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	DRAWN - ASH	REVISED -
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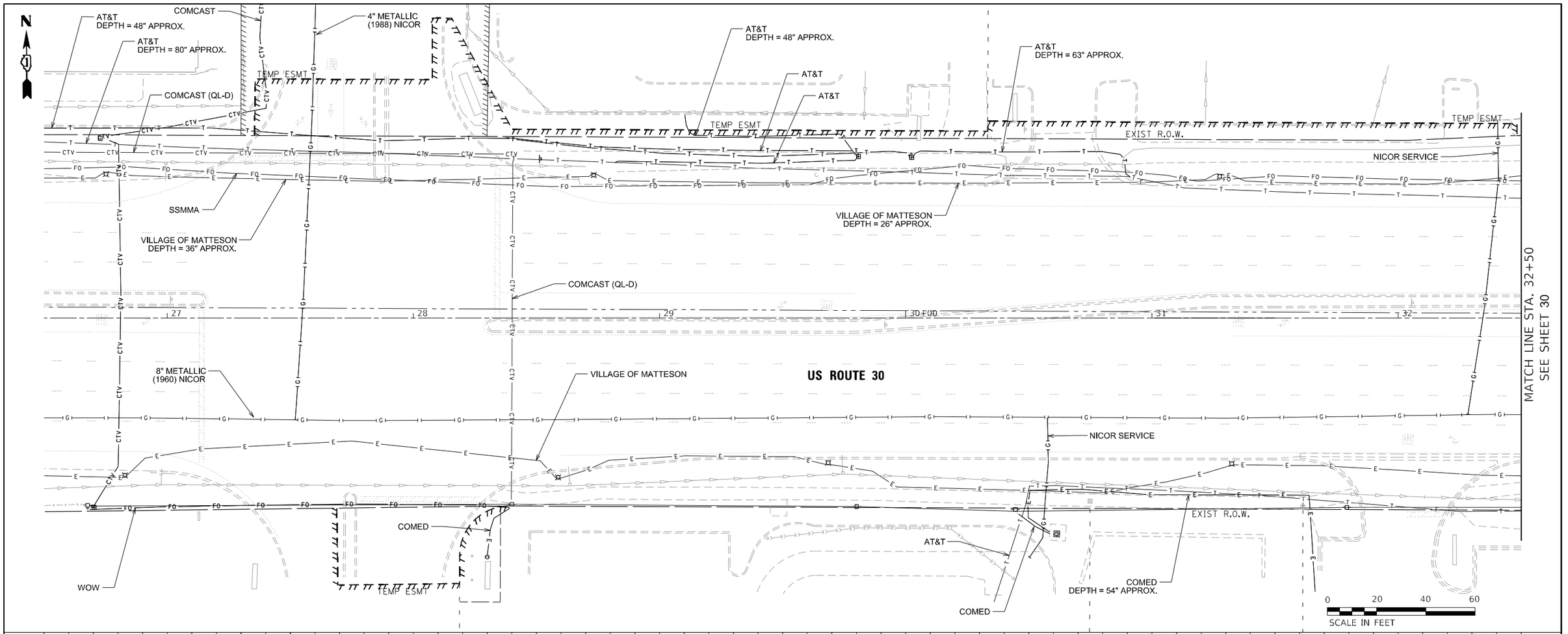
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -

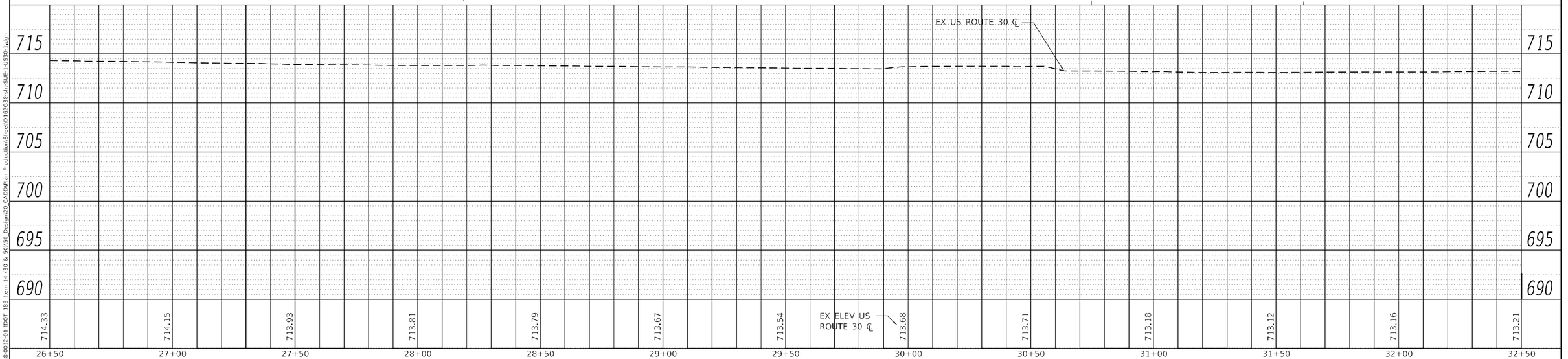
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 AT IL. ROUTE 50 ALIGNMENT TIE SHEET
BENCHMARKS

SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	22
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			





PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
R.O.W. CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
H.M. NOTED
STRUCTURE NOTATIONS CHKD
NOTE BOOK
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Peralte-Clark LLC

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PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUE PLAN
US ROUTE 30 (LINCOLN HIGHWAY)

SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	23
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			

VILLAGE OF MATTESON

EXIST R.O.W.

AT&T

UNKNOWN SIZE
VILLAGE OF MATTESON

2" METALLIC
(1960) NICOR

SSMMA

VILLAGE OF MATTESON
DEPTH = 26" APPROX.

SEE SHEET 30
MATCH LINE STA. 37+50

MATCH LINE STA. 43+00
SEE SHEET 25

38 39 40+00 41 42

US ROUTE 30

8" METALLIC
(1960) NICOR

VILLAGE OF MATTESON
DEPTH = 26" APPROX.

TEMP ESMT

8" VILLAGE OF MATTESON

COMED

6" METALLIC (1972) NICOR

NICOR SERVICE

WOW

IDOT

COMCAST

NICOR SERVICE

WATER SERVICE

N

0 20 40 60
SCALE IN FEET

EX US ROUTE 30 ℄

EX ELEV US
ROUTE 30 ℄

	37+50	38+00	38+50	39+00	39+50	40+00	40+50	41+00	41+50	42+00	42+50	43+00
715												
710												
705												
700												
695												
690												
	712.96	712.98	712.95	712.81	712.30	711.72	711.09	710.35	709.63	709.01	708.30	707.59

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STRUCTURE NOTATNS CHKD

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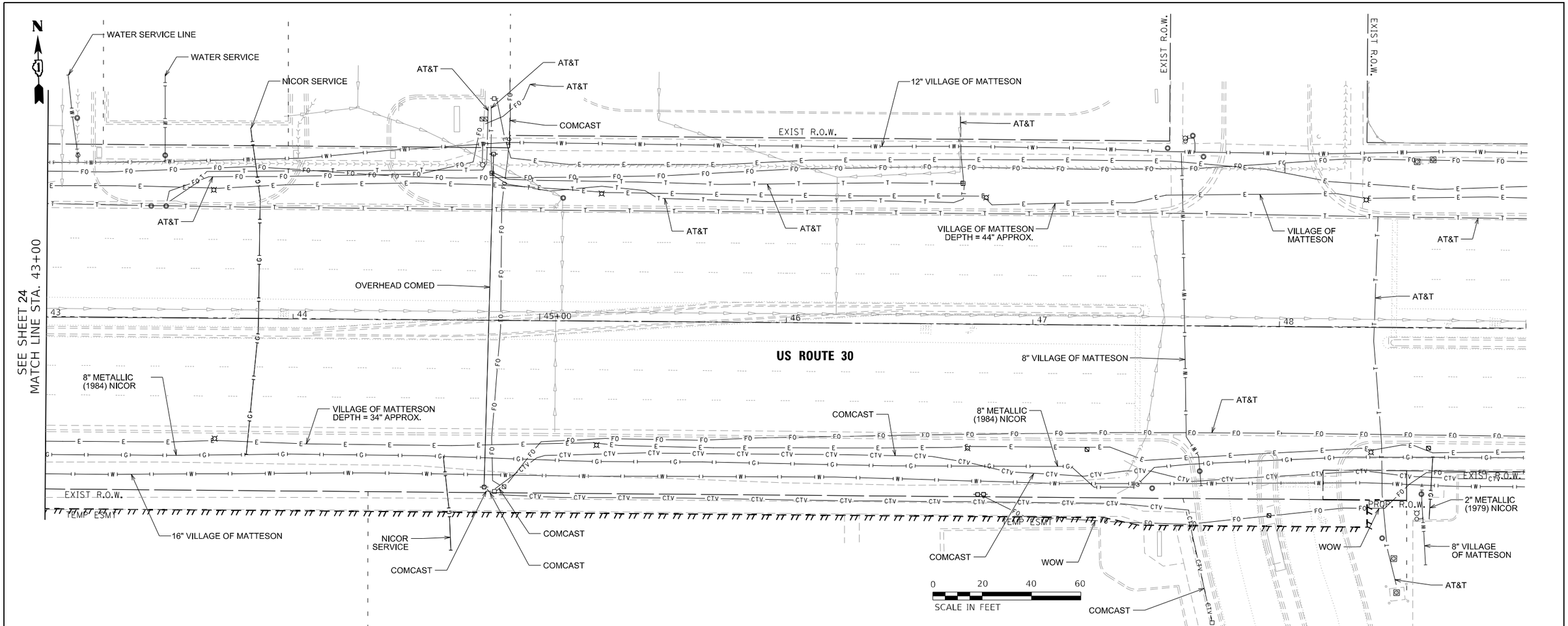
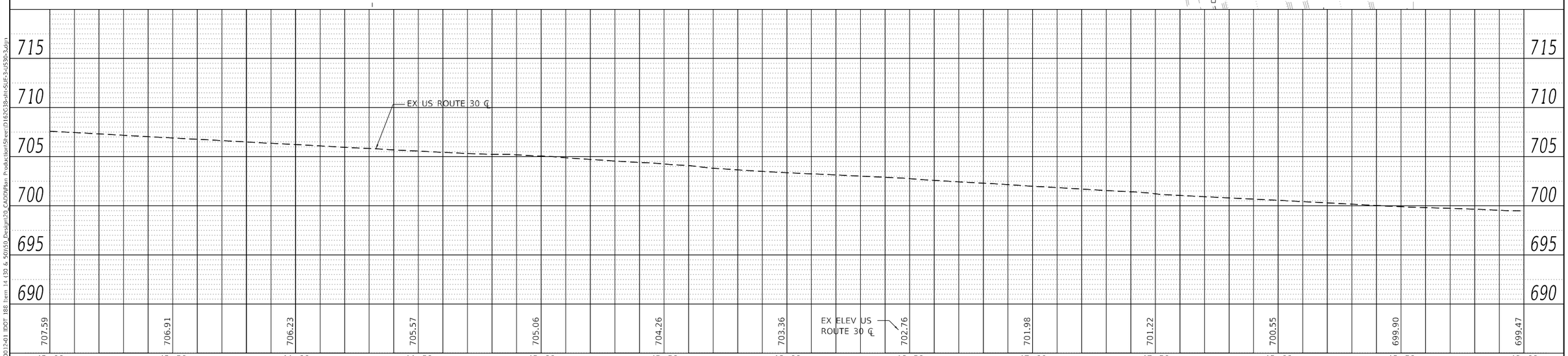
SUE PLAN
US ROUTE 30 (LINCOLN HIGHWAY)
SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	24
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			





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SURVEYED
PLOTTED
ALIGNMENT CHECKED
R/W OF WAY CHECKED
CADD FILE NAME
BY
DATE

PROFILE
NOTE BOOK NO.
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATIONS CHKD
BY
DATE

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Peralte-Clark LLC

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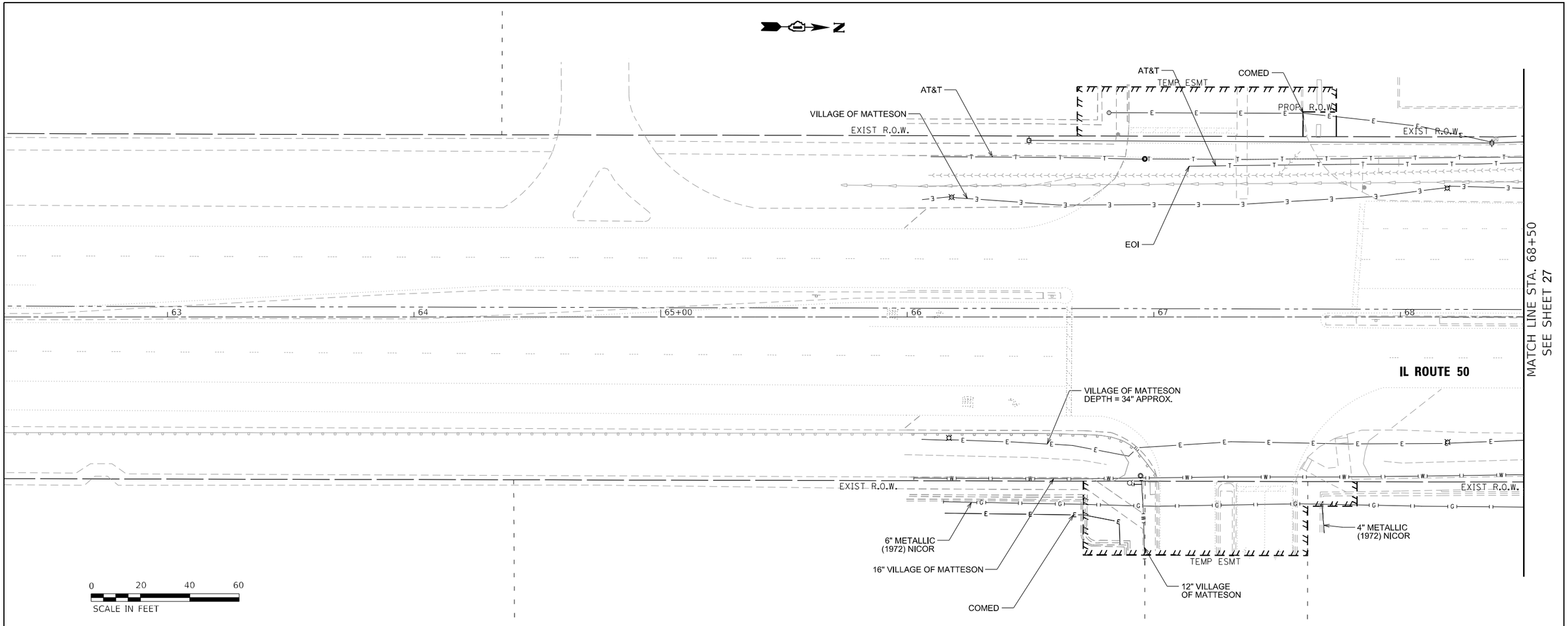
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -	

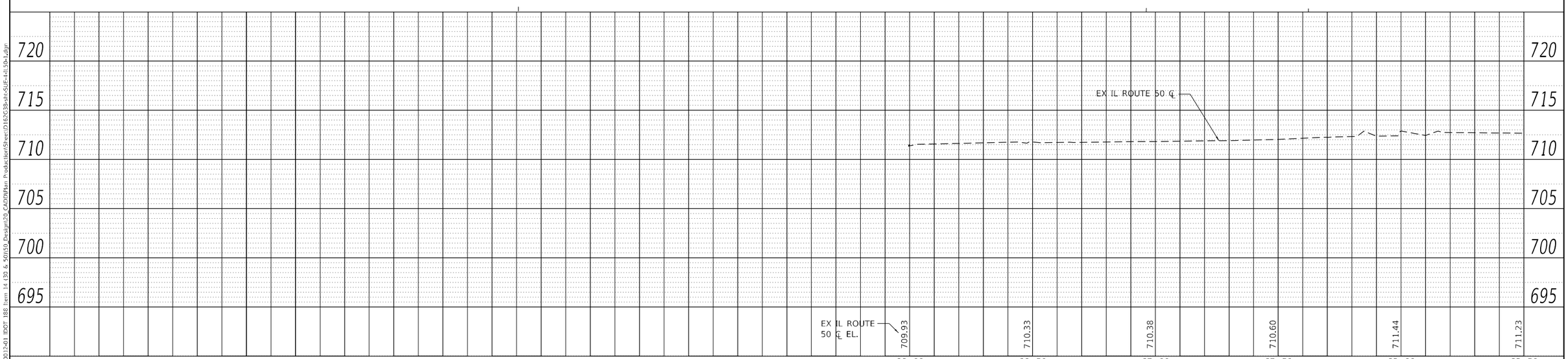
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUE PLAN
US ROUTE 30 (LINCOLN HIGHWAY)

SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	25
		CONTRACT NO. 62G38		
		ILLINOIS FED. AID PROJECT		





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R/W OF WAY CHECKED
CADD FILE NAME
BY
DATE

PROFILE
NOTE BOOK NO.
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
BY
DATE

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Peralte-Clark LLC

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PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUE PLAN
IL ROUTE 50 (CICERO AVENUE)

SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	26
		CONTRACT NO. 62G38		
		ILLINOIS FED. AID PROJECT		

SEE SHEET 26
MATCH LINE STA. 68+50

MATCH LINE STA. 73+50
SEE SHEET 30

COMED
NICOR SERVICE
COMCAST
NICOR SERVICE
NICOR SERVICE
COMCAST
AT&T
EXIST R.O.W.
EXIST R.O.W.
EXIST R.O.W.
EXIST R.O.W.
TEMP ESMT
69
70+00
71
72
73
IL ROUTE 50
16" VILLAGE OF MATTESON
12" VILLAGE OF MATTESON
16" VILLAGE OF MATTESON
6" METALLIC (1972) NICOR
COMCAST
COMCAST
8" VILLAGE OF MATTESON

0 20 40 60
SCALE IN FEET

720
715
710
705
700
695
EX IL ROUTE 50 ℄
EX IL ROUTE 50 ℄ EL.
711.23
711.52
711.96
711.69
711.83
712.04
712.16
712.33
712.44
712.62
712.77
68+50
69+00
69+50
70+00
70+50
71+00
71+50
72+00
72+50
73+00
73+50

PLAN
SURVEYED
PLOTTED
CROSS CHECKED
ALIGNMENT CHECKED
R.O. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
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PLOTTED
CROSS CHECKED
IBM. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE

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Peralte-Clark LLC

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PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUE PLAN
IL ROUTE 50 (CICERO AVENUE)

SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	27
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			

IDOT
DEPTH = 10" APPROX.

AT&T
DEPTH = 20" APPROX.

AT&T (QL-D)

COMCAST
DEPTH = 31" APPROX.

AT&T
DEPTH = 43" APPROX.

NICOR SERVICE

COMED
DEPTH = 56" APPROX.

AT&T

2" VILLAGE OF MATTESON

2" VILLAGE OF MATTESON

IDOT
DEPTH = 36" APPROX.

VILLAGE OF MATTESON

EXIST R.O.W.

TEMP ESMT

EXIST R.O.W.

TEMP ESMT

COMED
DEPTH = 32" APPROX.

COMED
DEPTH = 49" APPROX.

SEE SHEET 30
MATCH LINE STA. 76+50

77

78

79

80+00

81

MATCH LINE STA. 81+50
SEE SHEET 29

IL ROUTE 50

NICOR SERVICE
DEPTH = 36" APPROX.

VILLAGE OF
MATTESON

EXIST R.O.W.

NICOR SERVICE

EXIST R.O.W.

VILLAGE OF MATTESON
DEPTH = 34" APPROX.

NICOR SERVICE

8" VILLAGE OF MATTESON

NICOR SERVICE

8" VILLAGE OF MATTESON

20" VILLAGE OF MATTESON

4" METALLIC (1967/1972) NICOR
DEPTH = 48" APPROX.

0 20 40 60
SCALE IN FEET

EX IL ROUTE 50 ℄

EX IL ROUTE
50 ℄ EL.

720	715	710	705	700	695

713.72 713.84 714.13 714.64 714.34 714.49 714.61 714.77 714.90 715.14 715.33

76+50 77+00 77+50 78+00 78+50 79+00 79+50 80+00 80+50 81+00 81+50

PLAN
SURVEYED
PLOTTED
CROSS SECTIONS CHECKED
R.O. WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
CROSS SECTIONS CHECKED
IBM - NOTED
STRUCTURE NOTATIONS CHKD
NOTE BOOK
NO.
BY
DATE

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Peralte-Clark LLC

USER NAME = MET	DESIGNED - ASH	REVISED -
	DRAWN - ASH	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - MET	REVISED -
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUE PLAN
IL ROUTE 50 (CICERO AVENUE)
SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	28
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			

PLAN
SURVEYED
PLOTTED
ASSIST. CHECKED
R.O. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
ASSIST. CHECKED
R.O. OF WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

SEE SHEET 28
MATCH LINE STA. 81+50

AT&T
DEPTH = 75" APPROX.

VILLAGE OF MATTERSON
DEPTH = 26" APPROX.

COMED
DEPTH = 72" APPROX.

COMED
DEPTH = 36" APPROX.

COMED
DEPTH = 25" APPROX.

AT&T
DEPTH = 16" APPROX.

COMED
DEPTH = 24" APPROX.

NICOR SERVICE

AT&T
DEPTH = 45" APPROX.

VILLAGE OF MATTESON
DEPTH = 38" APPROX.

EXIST R.O.W.

EXIST R.O.W.

EXIST R.O.W.

EXIST R.O.W.

82 83 84 85+00 86 87

IL ROUTE 50

4" METALLIC (1972) NICOR
DEPTH = 50" APPROX.

4" METALLIC (1972) NICOR
DEPTH = 70" APPROX.

VILLAGE OF MATTESON
DEPTH = 28" APPROX.

20" VILLAGE OF MATTESON

0 20 40 60
SCALE IN FEET

720 715 710 705 700 695

EX IL ROUTE 50 ℄

715.33 715.47 715.68 EX IL ROUTE 50 ℄ EL. 716.02 716.11 716.02 715.36 715.20 715.39

81+50 82+00 82+50 83+00 83+50 84+00 84+50 85+00 85+50

MODEL: Default
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Peralte-Clark LLC

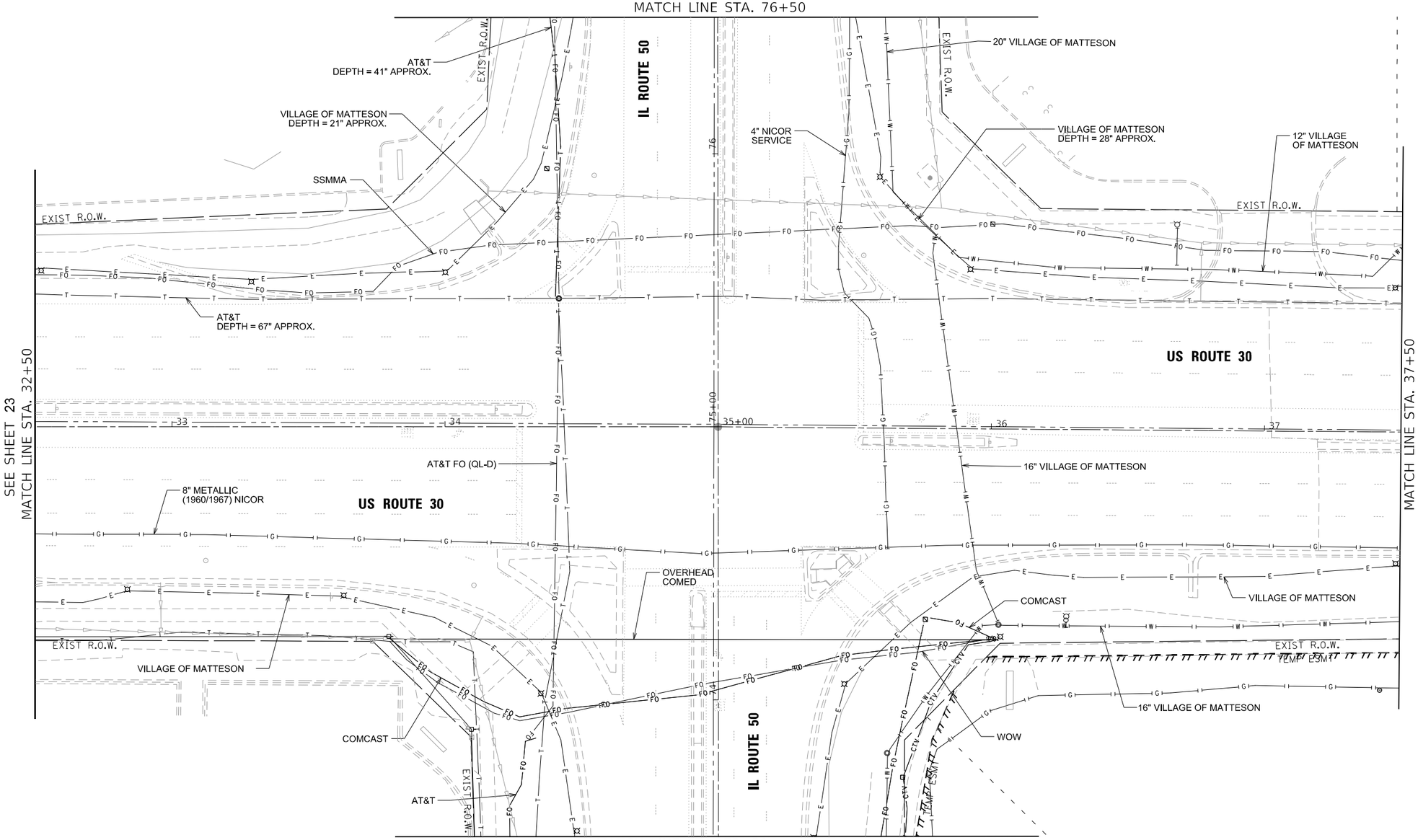
USER NAME = MET	DESIGNED - ASH	REVISED -
	DRAWN - ASH	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - MET	REVISED -
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUE PLAN
IL ROUTE 50 (CICERO AVENUE)
SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	29
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

SEE SHEET 28
MATCH LINE STA. 76+50



MATCH LINE STA. 73+50
SEE SHEET 27

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Peralte-Clark LLC	USER NAME = MET	DESIGNED - ASH	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**	**SUE PLAN INTERSECTION DETAIL**
		DRAWN - ASH	REVISED -		
	PLOT SCALE = 40.0000 ' / in.	CHECKED - MET	REVISED -		
	PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -		SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	30
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

JILDING

CONC

HMA

TEMP ESMT

MATTESON AVENUE

20'

37'

CONC MED

28+12.3
107.4' LT

30+51.8
74.8' LT

30+76.6
75.4' LT

HMA

TEMP ESMT

EXIST R.O.W.

CONC

28+87.7
43.4' LT

30+52.7
45.0' LT

HMA SURFACE REMOVAL
BUTT JOINT (TYP)

28+28.0
10.3' LT

CONC MED

28+28.0
5.7' RT

BEGIN IMPROVEMENT
US ROUTE 30
STA 27+15.93

US ROUTE 30

FIRE HYDRANT
TO BE MOVED

28+71.2
52.5' RT

29+76.1
54.5' RT

CONC SW

6"

EXIST R.O.W.

HMA

CONC

31+85.6
79.2' RT

32+19.5
79.2' RT

34'

35'

TEMP ESMT

28+10.7
103.5' RT

MATCH LINE STA. 32+50
SEE SHEET 38

N

0 20 40 60
SCALE IN FEET

1. CONTRACTOR SHALL EXCAVATE 30" BELOW PAVED SURFACE TO BE REPLACED WITH SOD.

LEGEND

- HOT-MIX APSHALT SURFACE REMOVAL, 2.5"
- PAVEMENT REMOVAL
- MEDIAN REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- STUMP REMOVAL ONLY
- SIDEWALK REMOVAL
- CURB OR CURB & GUTTER REMOVAL
- PAVED SHOULDER REMOVAL
- STUMP REMOVAL, ACRES

PLAN
SURVERED
PLOTTED
CROSS SECTIONS CHECKED
ALIGNMENT CHECKED
R.O.W. CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVERED
PLOTTED
CROSS SECTIONS CHECKED
BM. NOTED
STRUCTURE NOTATIONS CHKD
NOTE BOOK
NO.
BY
DATE

718
716
714
712
710
708

EX US ROUTE 30 ℄

EX ELEV US ROUTE 30 ℄

714.33 714.15 713.93 713.81 713.79 713.67 713.54 713.68 713.71 713.18 713.12 713.16 713.21

26+50 27+00 27+50 28+00 28+50 29+00 29+50 30+00 30+50 31+00 31+50 32+00 32+50

MODEL: Default
FILE NAME: Z:\18-00012-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Run Production\Sheet\D163G38-sht-Removal-1-US30-Login

Peralte-Clark LLC

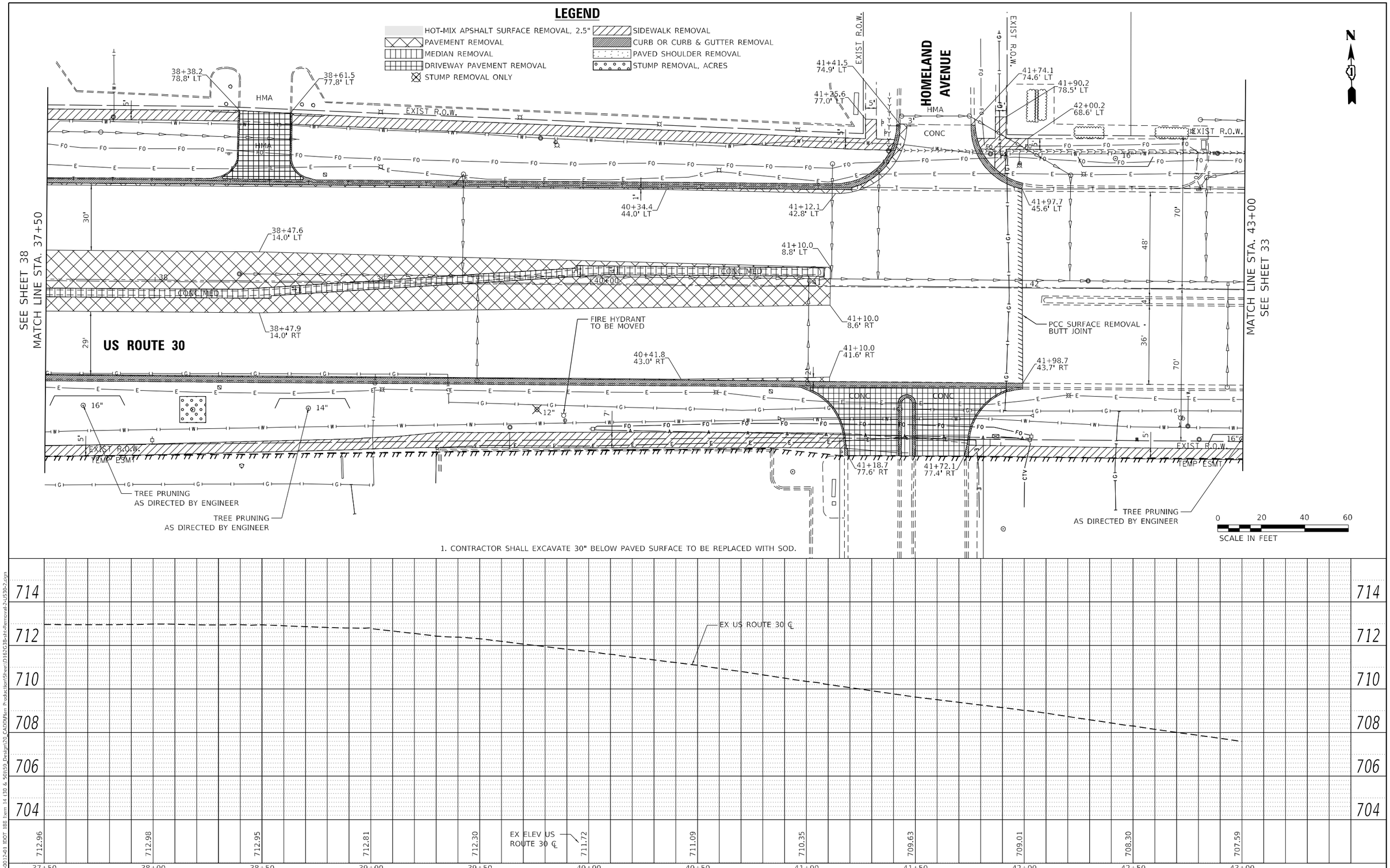
USER NAME = MET	DESIGNED - ASH	REVISED -	
	DRAWN - ASH	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - MET	REVISED -	
PLOT DATE = 4/26/2023	DATE - 2-28-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING CONDITIONS AND REMOVAL PLAN
US ROUTE 30 (LINCOLN HIGHWAY)

SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	31
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			



PLAN
NOTE BOOK NO.
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
CADD FILE NAME
BY
DATE

PROFILE
NOTE BOOK NO.
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATIONS CHKD
BY
DATE

MODEL: Default
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Peralte-Clark LLC

USER NAME = MET	DESIGNED - ASH	REVISED -	
	DRAWN - ASH	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - MET	REVISED -	
PLOT DATE = 4/26/2023	DATE - 2-28-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING CONDITIONS AND REMOVAL PLAN
US ROUTE 30 (LINCOLN HIGHWAY)

SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	32
		CONTRACT NO. 62G38		
		ILLINOIS FED. AID PROJECT		

TREE PRUNING AS DIRECTED BY ENGINEER

TREE PRUNING AS DIRECTED BY ENGINEER

EXIST R.O.W.

EXIST R.O.W.

LINDENWOOD DR

EXIST R.O.W.

47+55.2
83.9' LT

47+50.4
73.8' LT

48+10.9
77.8' LT

47+77.6
78.8' LT

48+33.3
79.3' LT

48+43.4
74.0' LT

47+41.8
44.0' LT

48+49.9
44.0' LT

SEE SHEET 32
MATCH LINE STA. 43+00

US ROUTE 30

END IMPROVEMENT
US ROUTE 30
STA 48+49.88

CONC

47+38.1
44.3' RT

48+48.1
44.4' RT

HMA

HMA

EXIST R.O.W.

EXIST R.O.W.

TEMP. ESMT

TEMP. ESMT

PROP. R.O.W.

47+68.7
80.5' RT

48+25.7
80.1' RT

48+48.2
57.9' RT

N

0 20 40 60
SCALE IN FEET

LEGEND

- HOT-MIX APSHALT SURFACE REMOVAL, 2.5"
- PAVEMENT REMOVAL
- MEDIAN REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- STUMP REMOVAL ONLY
- SIDEWALK REMOVAL
- CURB OR CURB & GUTTER REMOVAL
- PAVED SHOULDER REMOVAL
- STUMP REMOVAL, ACRES

1. CONTRACTOR SHALL EXCAVATE 30" BELOW PAVED SURFACE TO BE REPLACED WITH SOD.

708
706
704
702
700
698

EX US ROUTE 30 ℄

EX ELEV US ROUTE 30 ℄

707.59 706.91 706.23 705.57 705.06 704.26 703.36 702.76 701.98 701.22 700.55 699.90 699.47

43+00 43+50 44+00 44+50 45+00 45+50 46+00 46+50 47+00 47+50 48+00 48+50 49+00

PLAN
SURVEYED
PLOTTED
CROSS CHECKED
ALIGNMENT CHECKED
R.O.W. CHECKED
CADD FILE NAME
NOTE BOOK
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DATE

PROFILE
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PLOTTED
CROSS CHECKED
BM. NOTED
STRUCTURE NOTATIONS CHKD
NOTE BOOK
NO.
BY
DATE

MODEL: Default
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Peralte-Clark LLC

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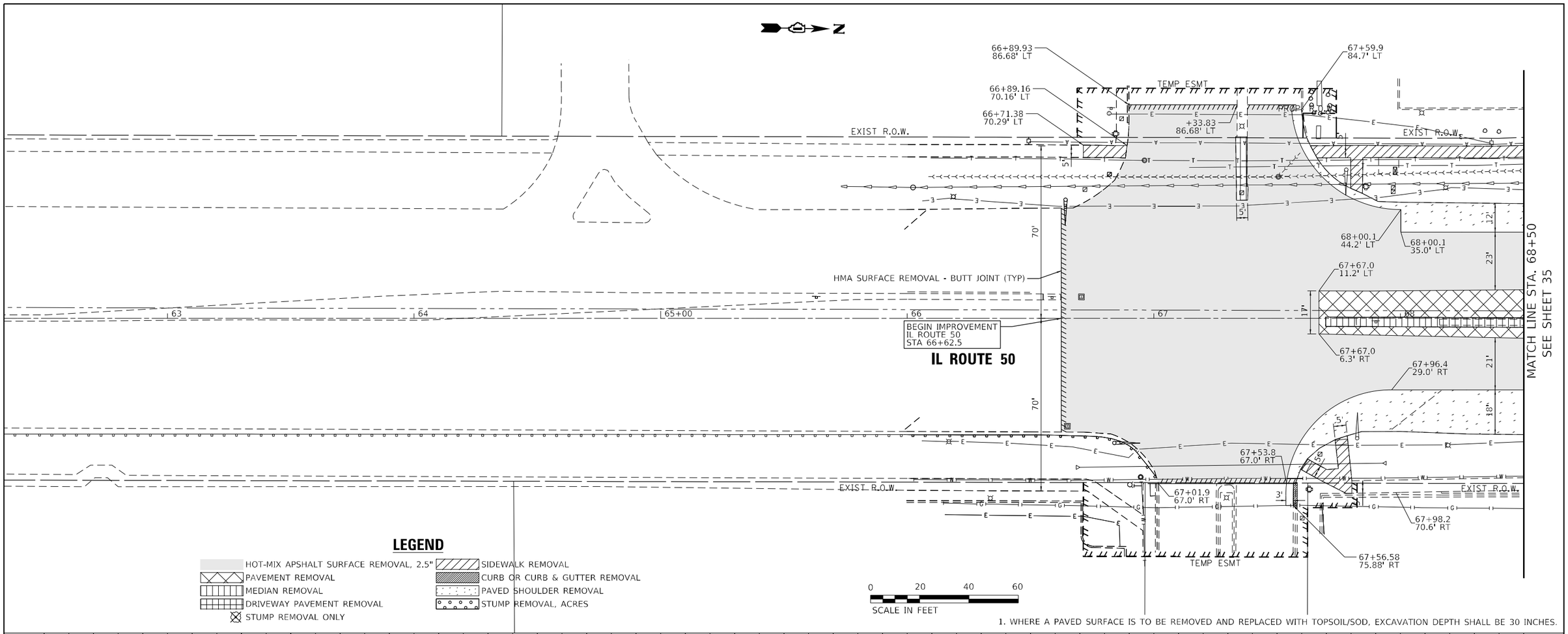
	DRAWN - ASH	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - MET	REVISED -
PLOT DATE = 4/26/2023	DATE - 2-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING CONDITIONS AND REMOVAL PLAN
US ROUTE 30 (LINCOLN HIGHWAY)

SHEET OF SHEETS STA. TO STA.

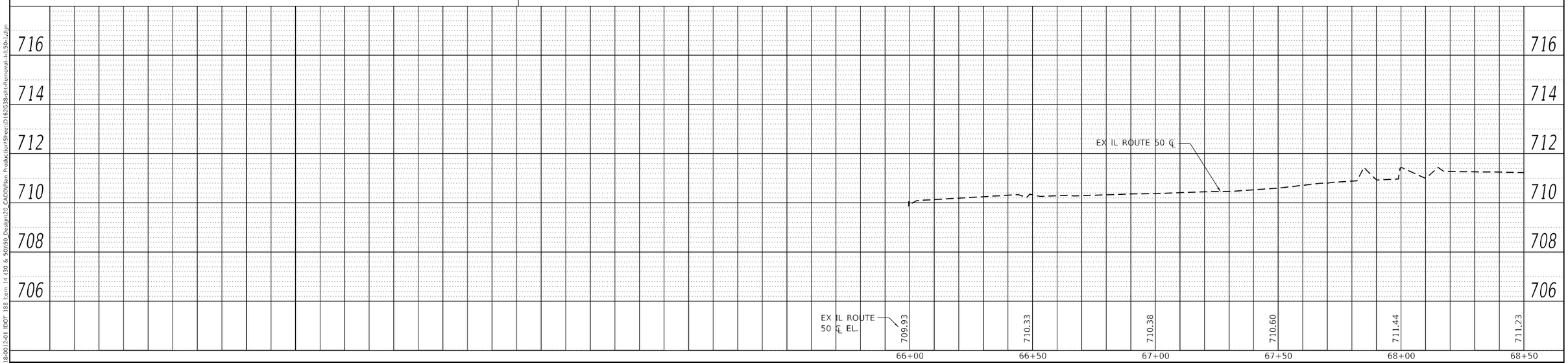
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	33
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		



LEGEND

- HOT-MIX APSHALT SURFACE REMOVAL, 2.5"
- PAVEMENT REMOVAL
- MEDIAN REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- STUMP REMOVAL ONLY
- SIDEWALK REMOVAL
- CURB OR CURB & GUTTER REMOVAL
- PAVED SHOULDER REMOVAL
- STUMP REMOVAL, ACRES

1. WHERE A PAVED SURFACE IS TO BE REMOVED AND REPLACED WITH TOPSOIL/SOD, EXCAVATION DEPTH SHALL BE 30 INCHES.



PLAN
NOTE BOOK NO.
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RT. OF WAY CHECKED
CADD FILE NAME
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PROFILE
NOTE BOOK NO.
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
BY
DATE

MODEL: Default
FILE NAME: Z:\18-0012-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Plan Production\Sheet\D162G38-sht-Removal-I-IL50-1.dgn

Peralte-Clark LLC

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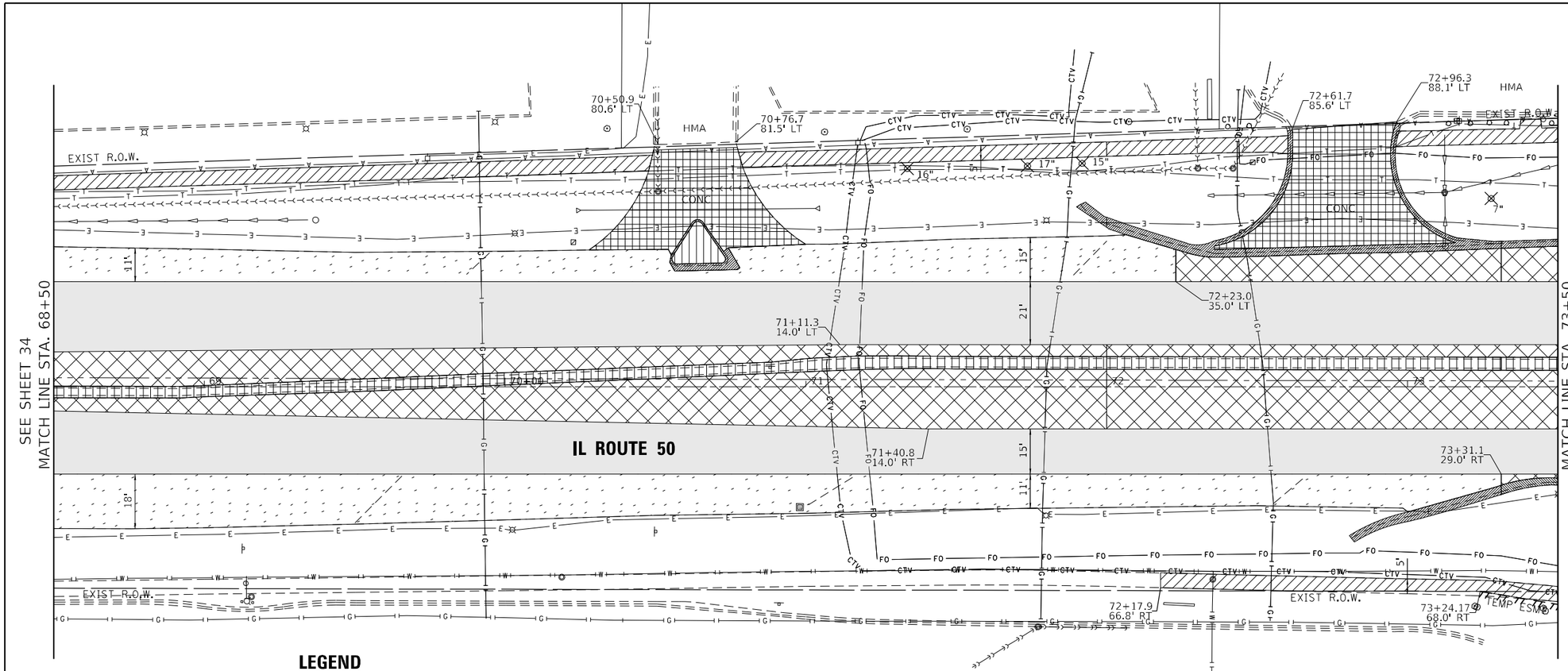
PLOT SCALE = 40.0000 ' / in.	CHECKED - MET	REVISED -	
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING CONDITIONS AND REMOVAL PLAN
IL ROUTE 50 (CICERO AVENUE)

SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	34
		CONTRACT NO. 62G38		
		ILLINOIS FED. AID PROJECT		

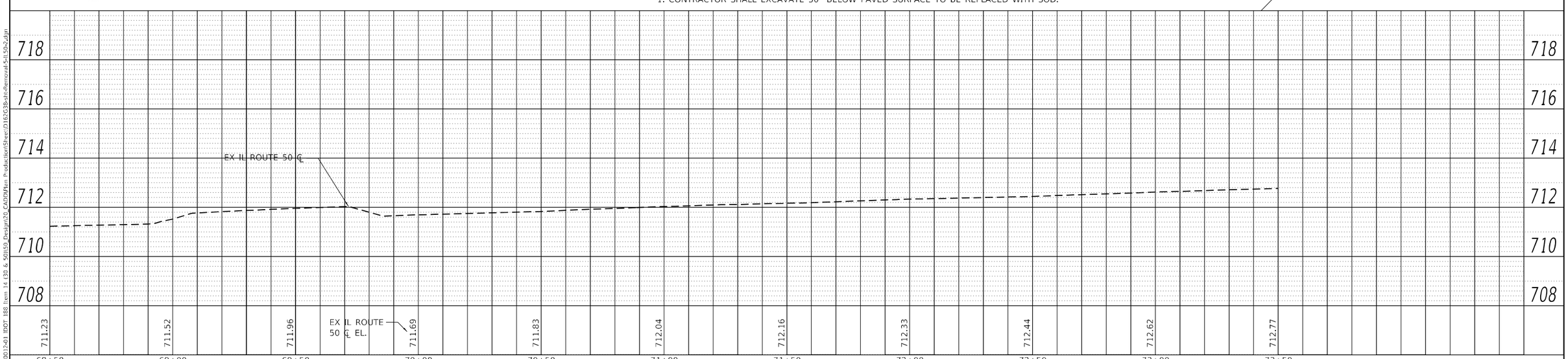


LEGEND

- HOT-MIX APSHALT SURFACE REMOVAL, 2.5"
- PAVEMENT REMOVAL
- MEDIAN REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- STUMP REMOVAL ONLY
- SIDEWALK REMOVAL
- CURB OR CURB & GUTTER REMOVAL
- PAVED SHOULDER REMOVAL
- STUMP REMOVAL, ACRES

0 20 40 60
SCALE IN FEET

1. CONTRACTOR SHALL EXCAVATE 30" BELOW PAVED SURFACE TO BE REPLACED WITH SOD.



PLAN — NOTE BOOK NO. — SURVEYED — PLOTTED — ALIGNMENT CHECKED — RT. OF WAY CHECKED — CADD FILE NAME — BY — DATE

PROFILE — NOTE BOOK NO. — SURVEYED — PLOTTED — GRADES CHECKED — B.M. NOTED — STRUCTURE NOTATIONS CHKD — BY — DATE

MODEL: Default
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Peralte-Clark LLC

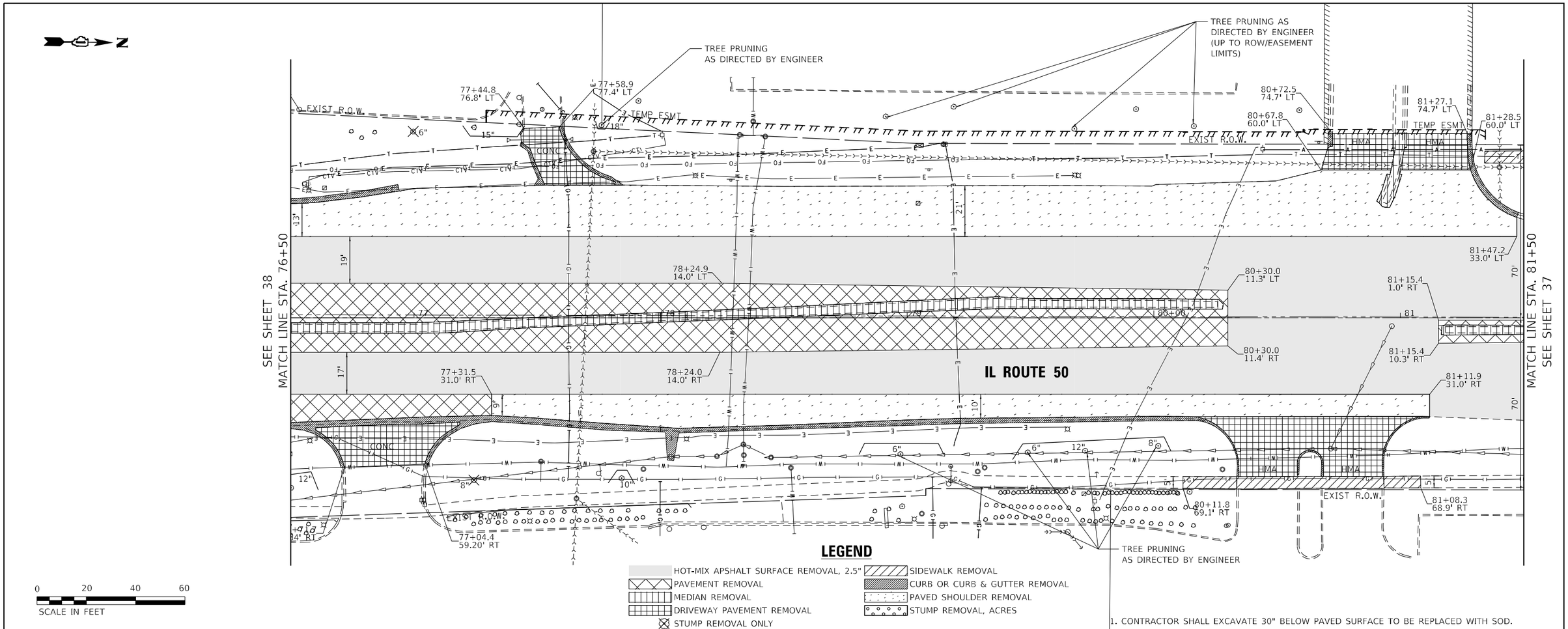
USER NAME = MET	DESIGNED - ASH	REVISED -	
	DRAWN - ASH	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - MET	REVISED -	
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING CONDITIONS AND REMOVAL PLAN
IL ROUTE 50 (CICERO AVENUE)

SHEET OF SHEETS STA. TO STA.

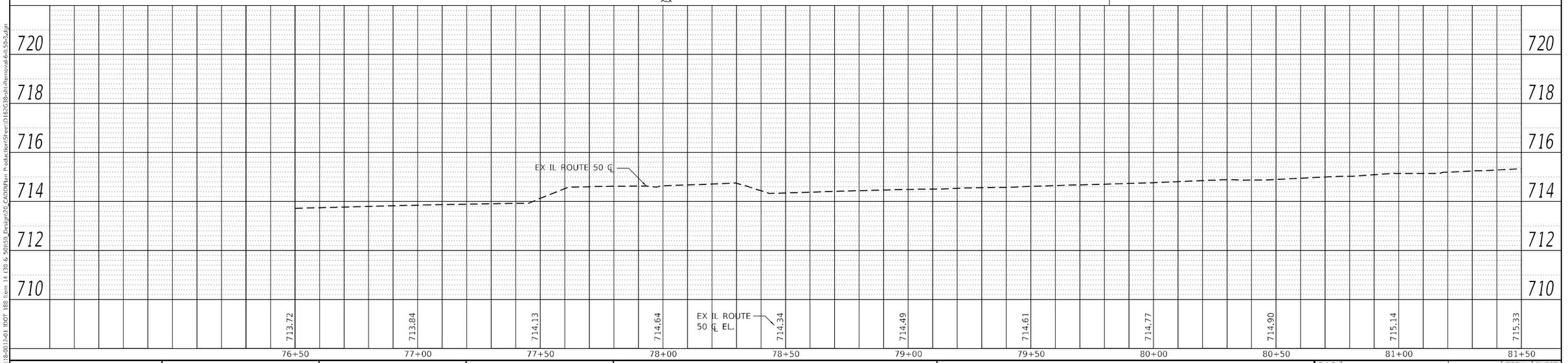
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	35
		CONTRACT NO. 62G38		
		ILLINOIS FED. AID PROJECT		



LEGEND

- HOT-MIX APSHALT SURFACE REMOVAL, 2.5"
- PAVEMENT REMOVAL
- MEDIAN REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- STUMP REMOVAL ONLY
- SIDEWALK REMOVAL
- CURB OR CURB & GUTTER REMOVAL
- PAVED SHOULDER REMOVAL
- STUMP REMOVAL, ACRES

1. CONTRACTOR SHALL EXCAVATE 30" BELOW PAVED SURFACE TO BE REPLACED WITH SOD.



Peralte-Clark LLC	USER NAME = MET	DESIGNED - ASH	REVISED -
		DRAWN - ASH	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED - MET	REVISED -
	PLOT DATE = 4/26/2023	DATE - 2-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING CONDITIONS AND REMOVAL PLAN
IL ROUTE 50 (CICERO AVENUE)

SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	36
		CONTRACT NO. 62G38		
		ILLINOIS FED. AID PROJECT		

PLAN — NOTE BOOK NO. — SURVEYED — PLOTTED — ALIGNMENT CHECKED — RT. OF WAY CHECKED — CADD FILE NAME — BY — DATE

PROFILE — NOTE BOOK NO. — SURVEYED — PLOTTED — GRADES CHECKED — B.M. NOTED — STRUCTURE NOTATIONS CHKD — BY — DATE

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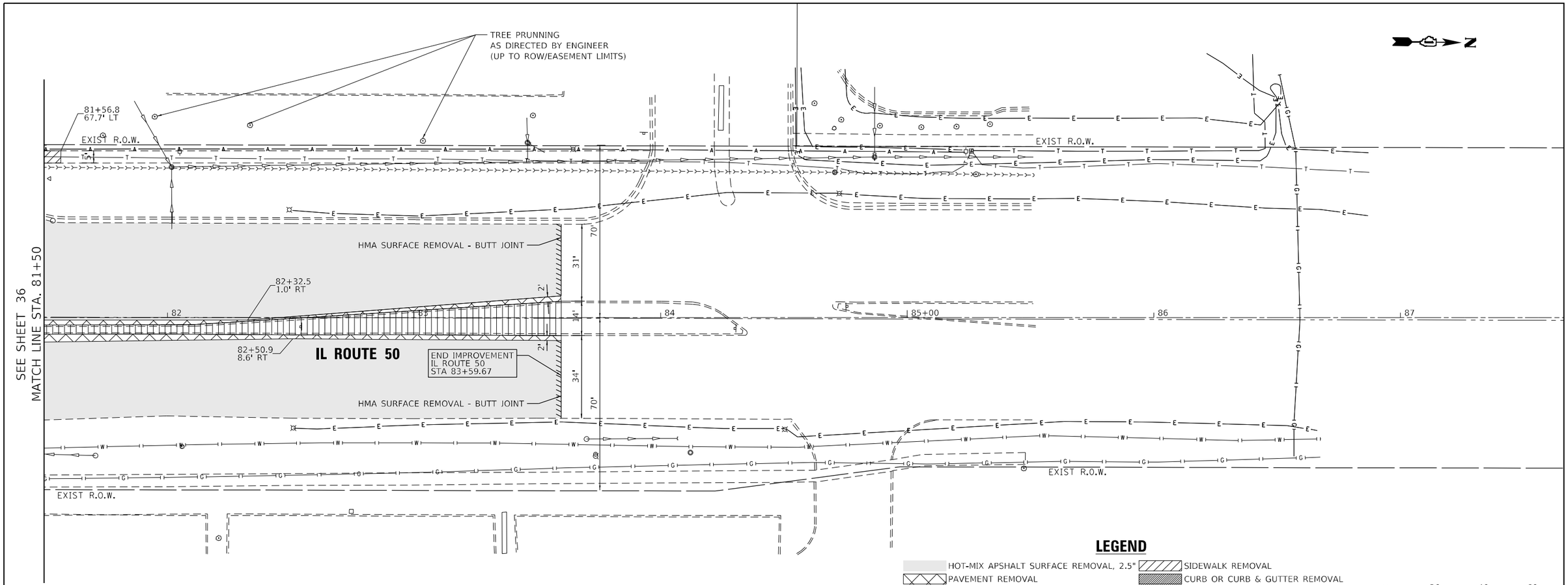
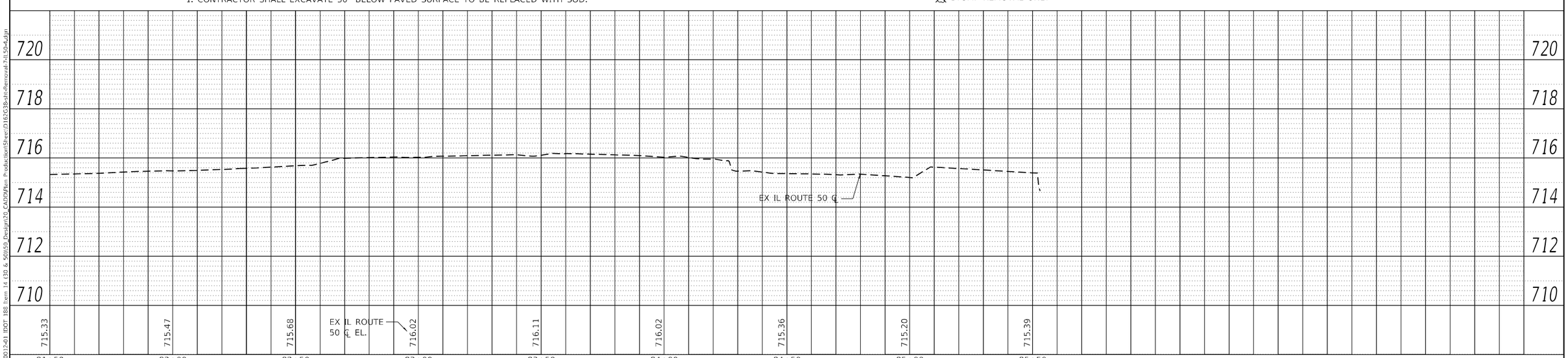


LEGEND

- HOT-MIX APSHALT SURFACE REMOVAL, 2.5"
- PAVEMENT REMOVAL
- MEDIAN REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- STUMP REMOVAL ONLY
- SIDEWALK REMOVAL
- CURB OR CURB & GUTTER REMOVAL
- PAVED SHOULDER REMOVAL
- STUMP REMOVAL, ACRES

0 20 40 60
SCALE IN FEET

1. CONTRACTOR SHALL EXCAVATE 30" BELOW PAVED SURFACE TO BE REPLACED WITH SOD.



PLAN
NOTE BOOK NO.
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PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
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PLOTTED
GRADES CHECKED
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BY
DATE

MODEL: Default
FILE NAME: Z:\18-0012-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Plan Production\Sheet\D162G38-sht-Removal-7-IL50-4.dgn

Peralte-Clark LLC

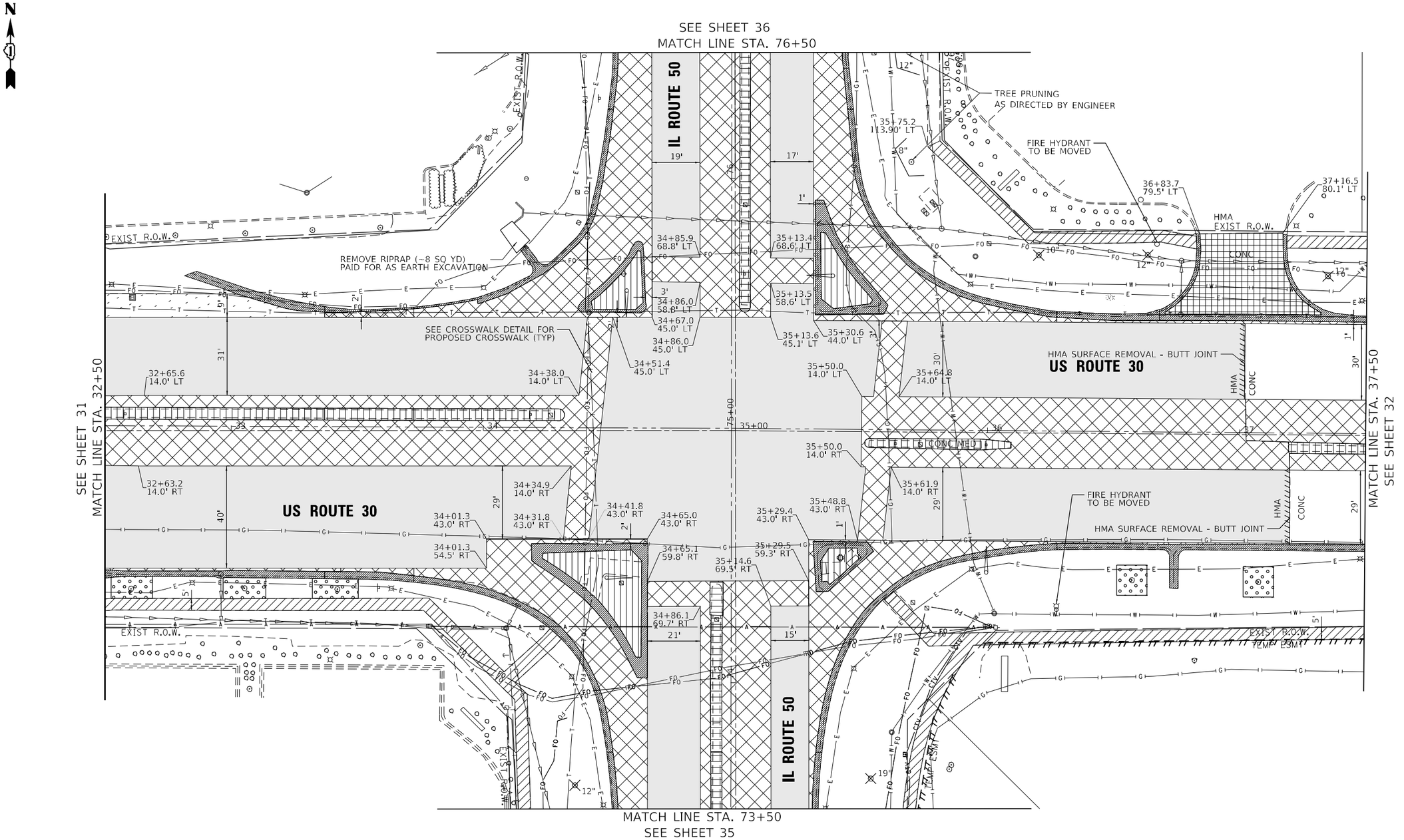
USER NAME = MET	DESIGNED - ASH	REVISED -	
	DRAWN - ASH	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - MET	REVISED -	
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING CONDITIONS AND REMOVAL PLAN
IL ROUTE 50 (CICERO AVENUE)

SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	37
		CONTRACT NO. 62G38		
		ILLINOIS FED. AID PROJECT		



LEGEND

- HOT-MIX APSHALT SURFACE REMOVAL, 2.5"
- PAVEMENT REMOVAL
- MEDIAN REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- STUMP REMOVAL ONLY
- SIDEWALK REMOVAL
- CURB OR CURB & GUTTER REMOVAL
- PAVED SHOULDER REMOVAL
- STUMP REMOVAL, ACRES

1. CONTRACTOR SHALL EXCAVATE 30" BELOW PAVED SURFACE TO BE REPLACED WITH SOD.

MODEL: Default
FILE NAME: 22\18-00124-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Plan Production\Sheets\D162G38-sht-Removal-Sht-NT.dgn

Peralte-Clark LLC

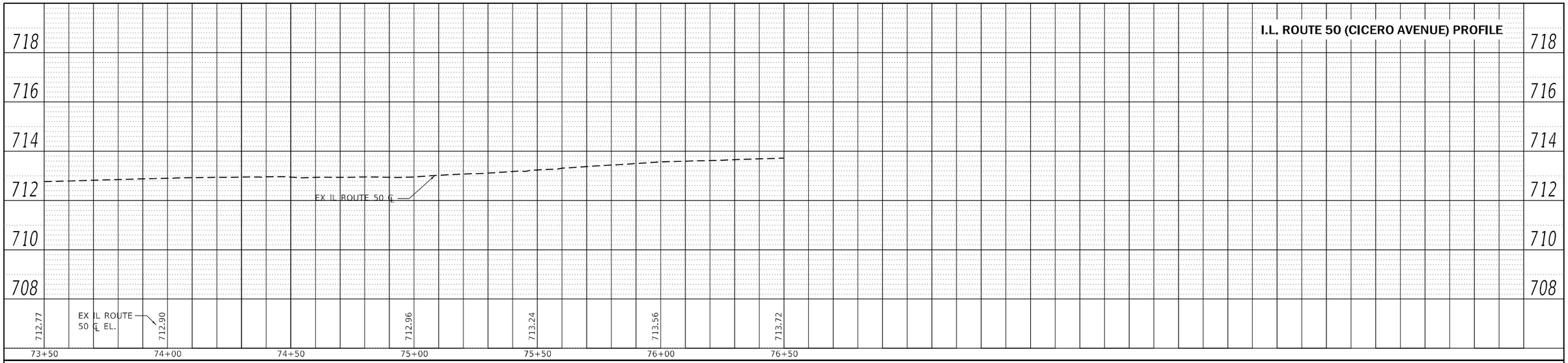
USER NAME = MET	DESIGNED - ASH	REVISED -
	DRAWN - ASH	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - MET	REVISED -
PLOT DATE = 4/26/2023	DATE - 2-28-2023	REVISED -

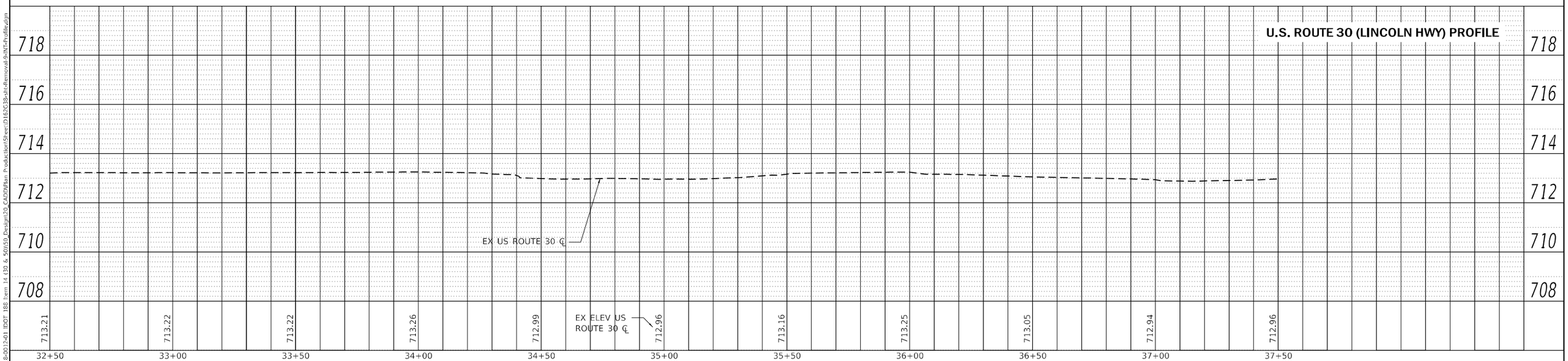
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING CONDITIONS AND REMOVAL PLAN
INTERSECTION DETAIL

SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	38
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		





PLAN
NOTE BOOK NO.
SURVEYED
PLOTTED
ALIGNMENT CHECKED
R/W OF WAY CHECKED
CADD FILE NAME
BY
DATE

PROFILE
NOTE BOOK NO.
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
BY
DATE

MODEL: Default
FILE NAME: Z:\18-0012-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Plan Production\Sheet\D162G38-sht-Removal-9-INT-Profile.dgn

Peralte-Clark LLC

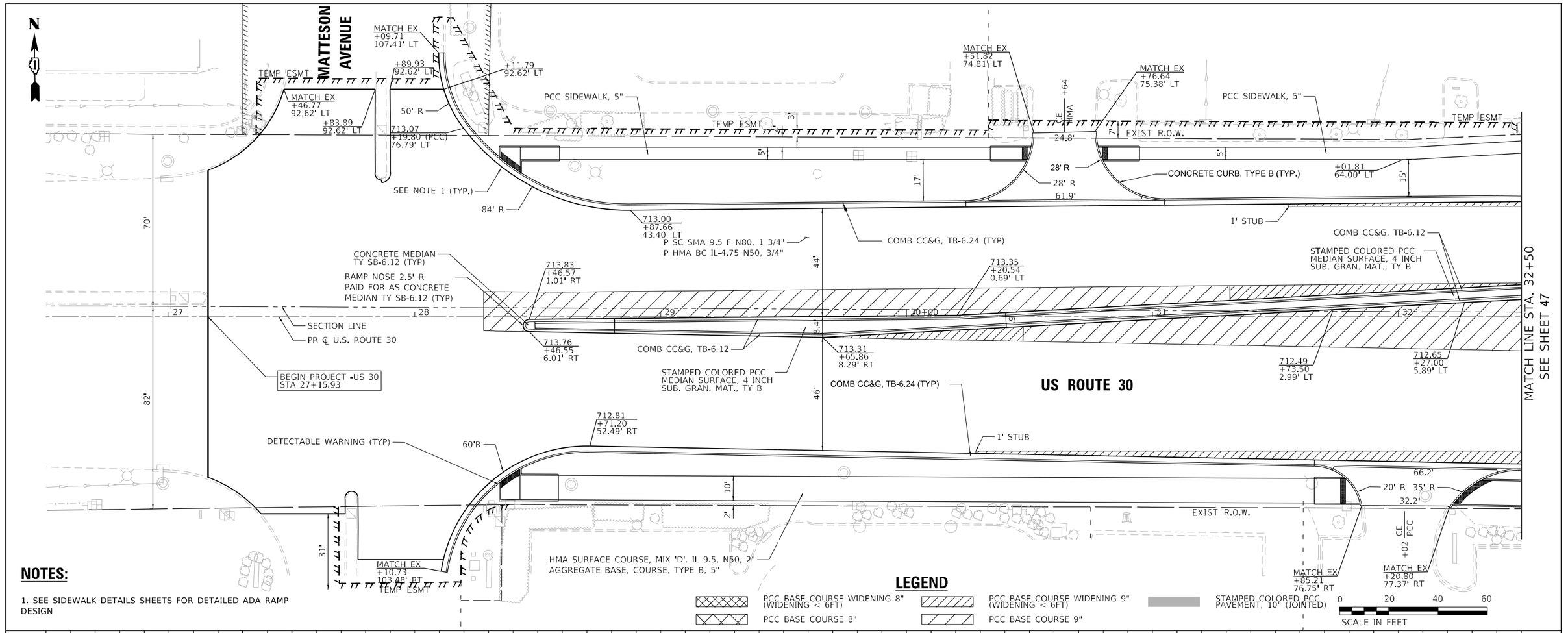
USER NAME = MET	DESIGNED - ASH	REVISED -	
	DRAWN - ASH	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - MET	REVISED -	
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING CONDITIONS AND REMOVAL PLAN
INTERSECTION PROFILES

SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	39
		CONTRACT NO. 62G38		
		ILLINOIS FED. AID PROJECT		



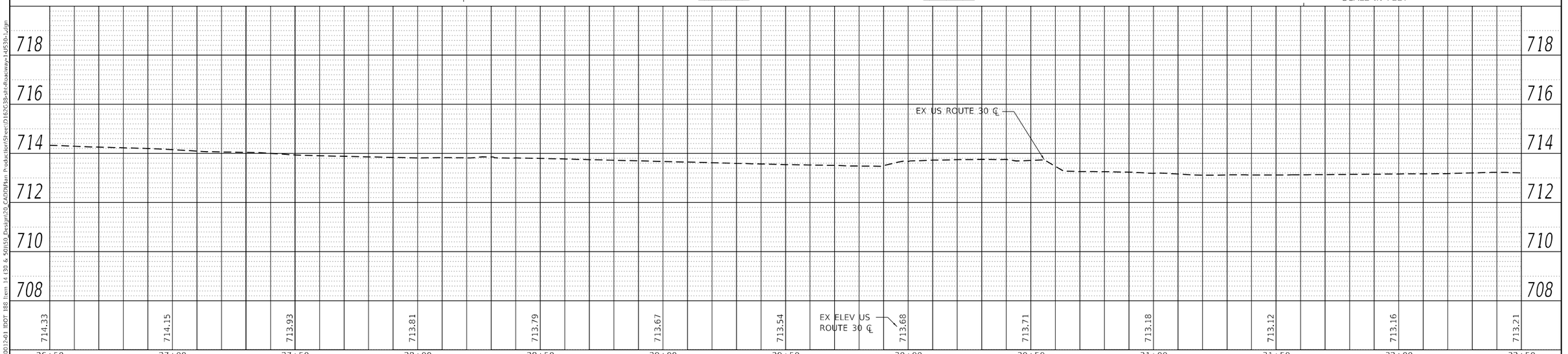
NOTES:

1. SEE SIDEWALK DETAILS SHEETS FOR DETAILED ADA RAMP DESIGN

LEGEND

- PCC BASE COURSE WIDENING 8" (WIDENING < 6FT)
- PCC BASE COURSE 8"
- PCC BASE COURSE WIDENING 9" (WIDENING < 6FT)
- PCC BASE COURSE 9"
- STAMPED COLORED PCC PAVEMENT, 10" (JOINTED)

0 20 40 60
SCALE IN FEET



Peralte-Clark LLC	USER NAME = MET	DESIGNED - ASH	REVISED -
		DRAWN - ASH	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED - MET	REVISED -
	PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
US ROUTE 30 (LINCOLN HIGHWAY)

SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	40

CONTRACT NO. 62G38

ILLINOIS FED. AID PROJECT

PLAN: NOTE BOOK NO. ___ SURVEYED ___ PLOTTED ___ ALIGNMENT CHECKED ___ R/W OF WAY CHECKED ___ CADD FILE NAME ___ BY ___ DATE ___

PROFILE: NOTE BOOK NO. ___ SURVEYED ___ PLOTTED ___ GRADES CHECKED ___ B.M. NOTED ___ STRUCTURE NOTATNS CHKD ___ BY ___ DATE ___

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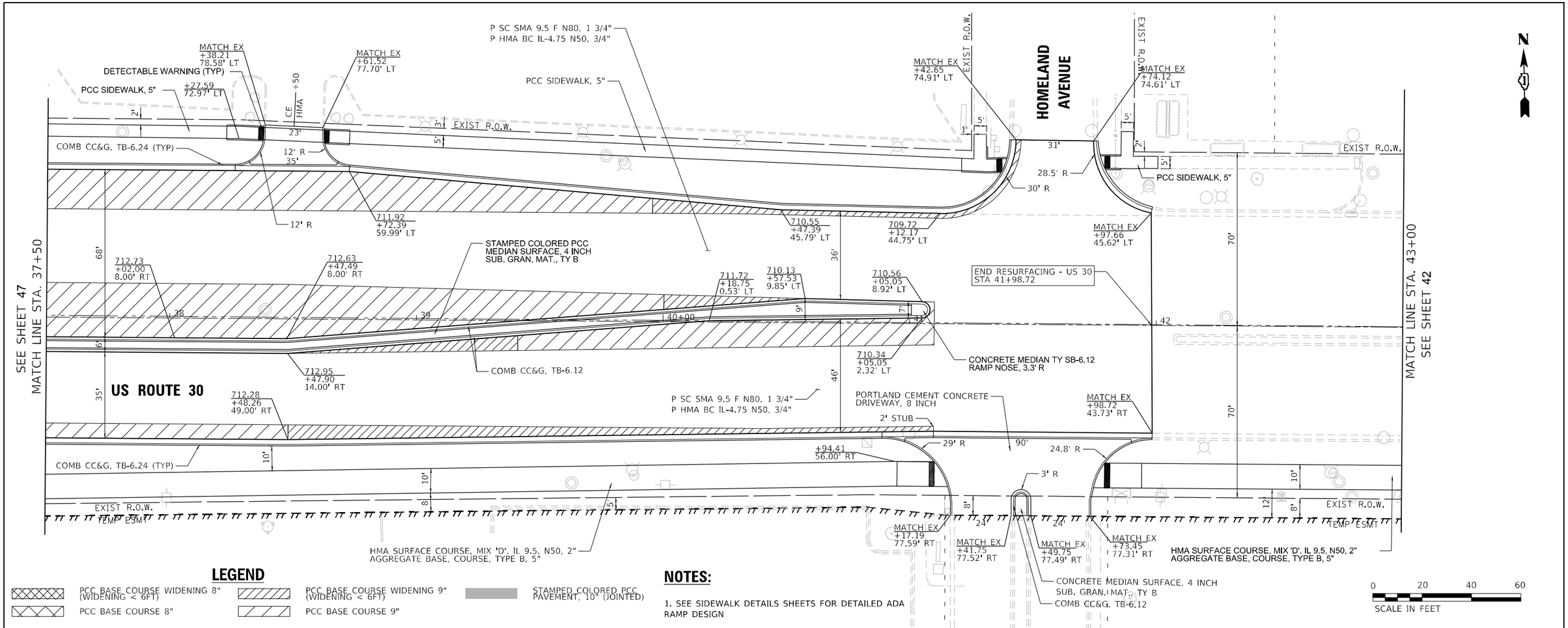
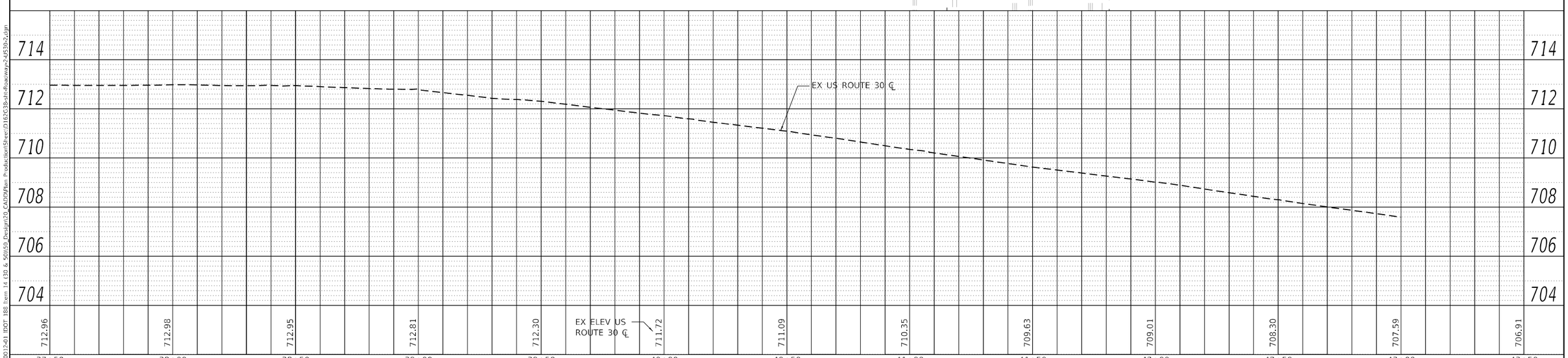


LEGEND

- PCC BASE COURSE WIDENING 8" (WIDENING < 6FT)
- PCC BASE COURSE 8"
- PCC BASE COURSE WIDENING 9" (WIDENING < 6FT)
- PCC BASE COURSE 9"
- STAMPED COLORED PCC PAVEMENT, 10" (JOINTED)

NOTES:

1. SEE SIDEWALK DETAILS SHEETS FOR DETAILED ADA RAMP DESIGN



PLAN — NOTE BOOK NO. — SURVEYED — PLOTTED — ALIGNMENT CHECKED — RT. OF WAY CHECKED — CADD FILE NAME — BY — DATE

PROFILE — NOTE BOOK NO. — SURVEYED — PLOTTED — GRADES CHECKED — B.M. NOTED — STRUCTURE NOTATNS CHKD — BY — DATE

MODEL: Default
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Peralte-Clark LLC

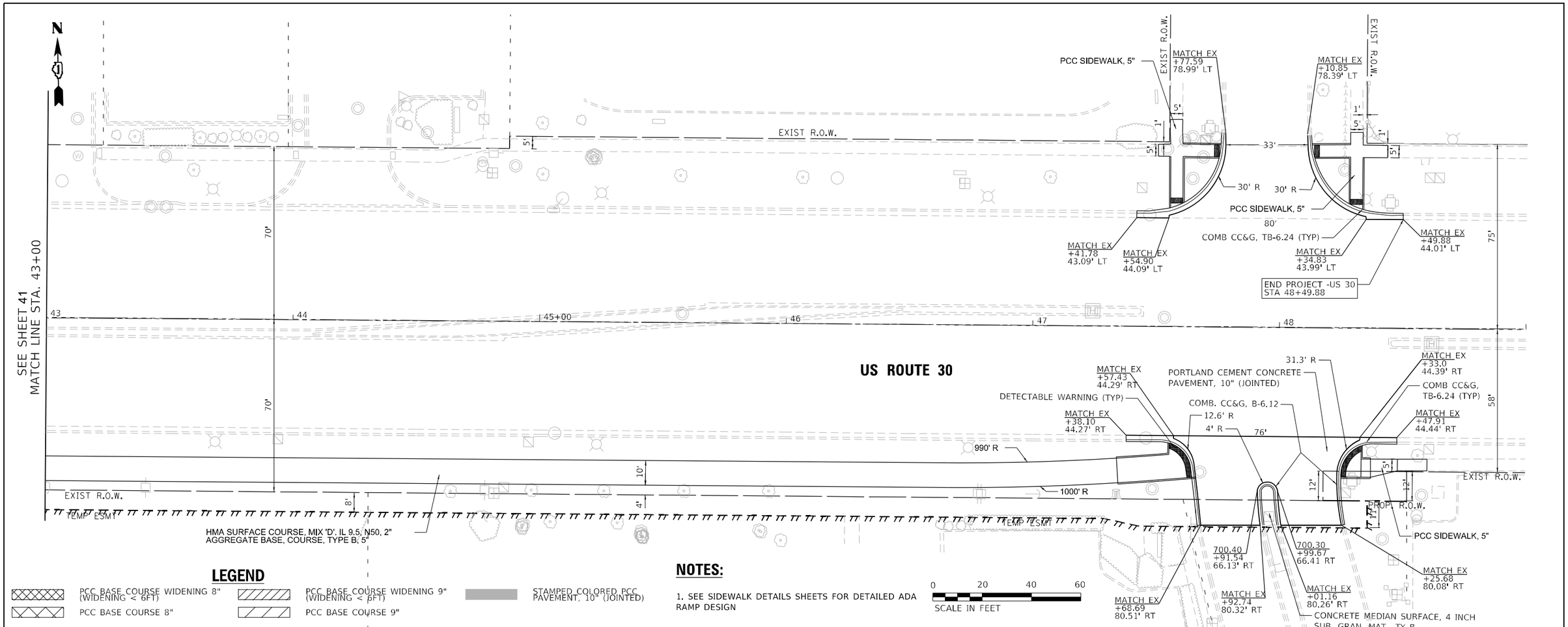
USER NAME = MET	DESIGNED - ASH	REVISED -	
	DRAWN - ASH	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - MET	REVISED -	
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
US ROUTE 30 (LINCOLN HIGHWAY)

SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	41
		CONTRACT NO. 62G38		
		ILLINOIS	FED. AID PROJECT	

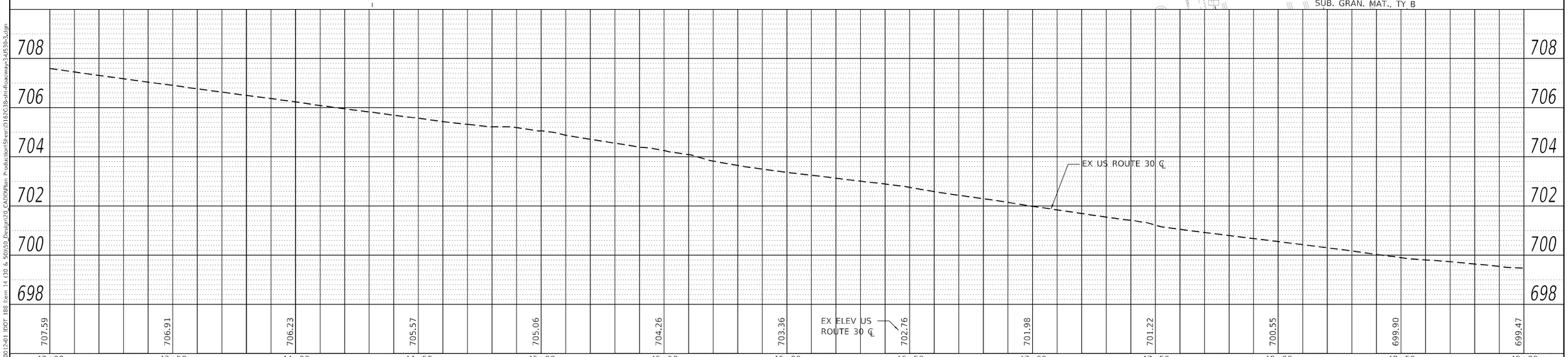


LEGEND

- PCC BASE COURSE WIDENING 8" (WIDENING < 6FT)
- PCC BASE COURSE 8"
- PCC BASE COURSE WIDENING 9" (WIDENING < 6FT)
- PCC BASE COURSE 9"
- STAMPED COLORED PCC PAVEMENT, 10" (JOINTED)

NOTES:

1. SEE SIDEWALK DETAILS SHEETS FOR DETAILED ADA RAMP DESIGN



PLAN — NOTE BOOK NO. — SURVEYED — PLOTTED — ALIGNMENT CHECKED — R.O.W. CHECKED — CADD FILE NAME — BY — DATE

PROFILE — NOTE BOOK NO. — SURVEYED — PLOTTED — GRADES CHECKED — B.M. NOTED — STRUCTURE NOTATIONS CHKD — BY — DATE

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Peralte-Clark LLC

USER NAME = MET	DESIGNED - ASH	REVISED -	
	DRAWN - ASH	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - MET	REVISED -	
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

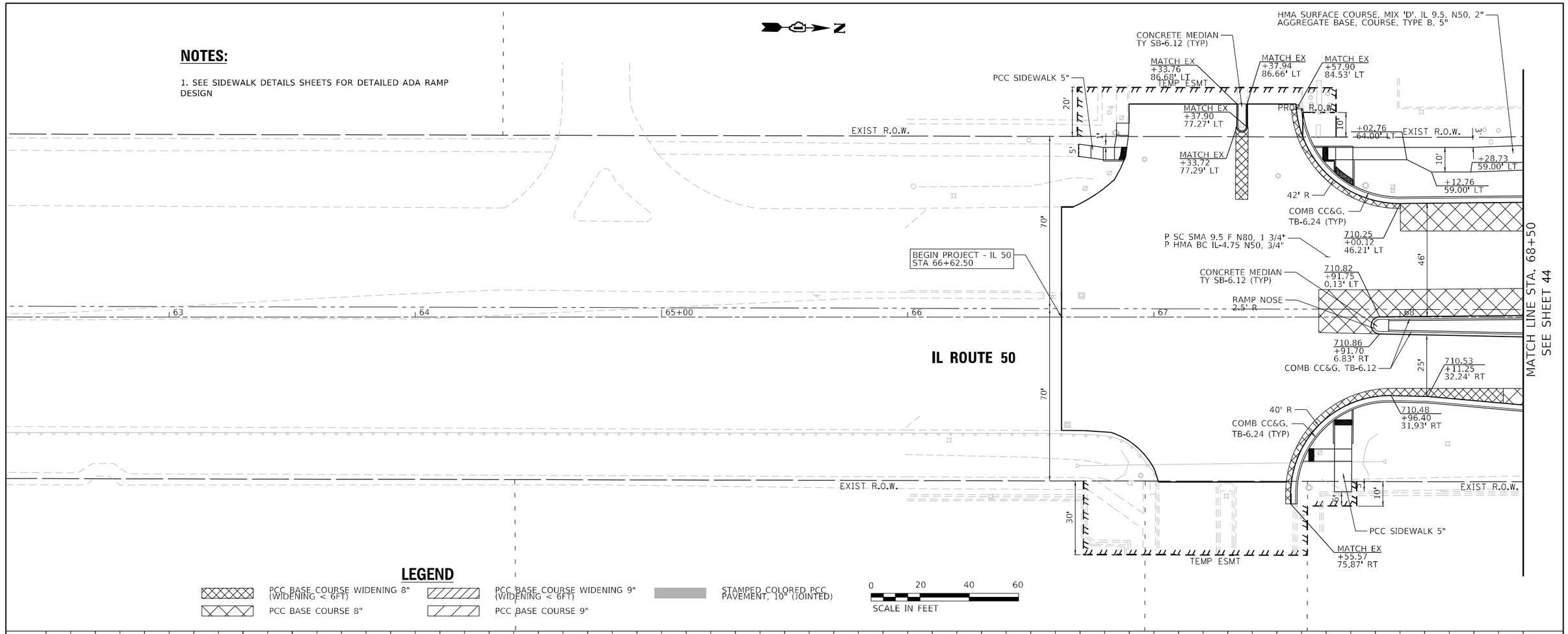
ROADWAY PLAN
US ROUTE 30 (LINCOLN HIGHWAY)

SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	42
		CONTRACT NO. 62G38		
		ILLINOIS FED. AID PROJECT		

NOTES:

1. SEE SIDEWALK DETAILS SHEETS FOR DETAILED ADA RAMP DESIGN



LEGEND

PCC BASE COURSE WIDENING 8" (WIDENING < 6FT)

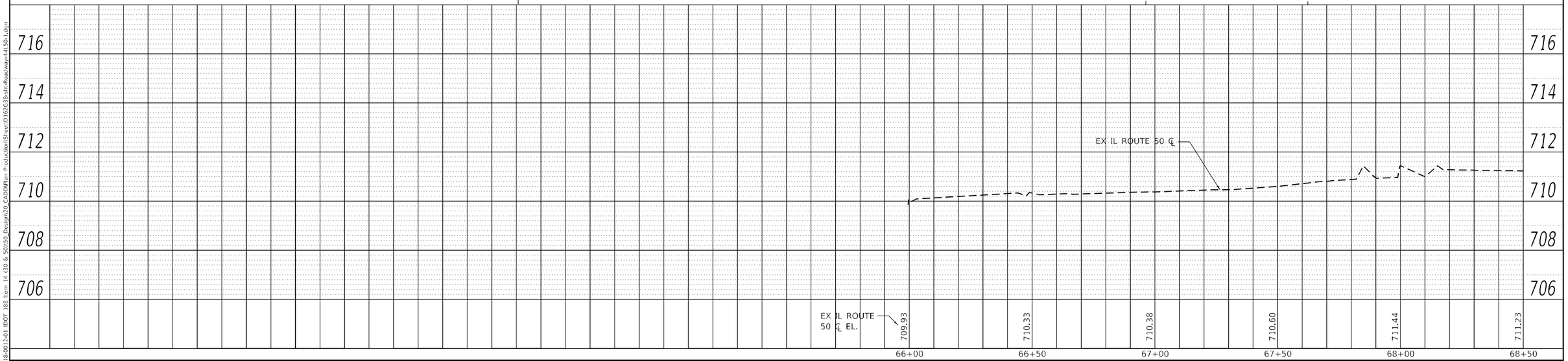
PCC BASE COURSE 8"

PCC BASE COURSE WIDENING 9" (WIDENING < 6FT)

PCC BASE COURSE 9"

STAMPED COLORED PCC PAVEMENT, 10" (JOINTED)

0 20 40 60
SCALE IN FEET



PLAN
NOTE BOOK NO.
SURVEYED
PLOTTED
ALIGNMENT CHECKED
R.O.W. CHECKED
CADD FILE NAME
BY
DATE

PROFILE
NOTE BOOK NO.
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATNS CHKD
BY
DATE

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Peralte-Clark LLC

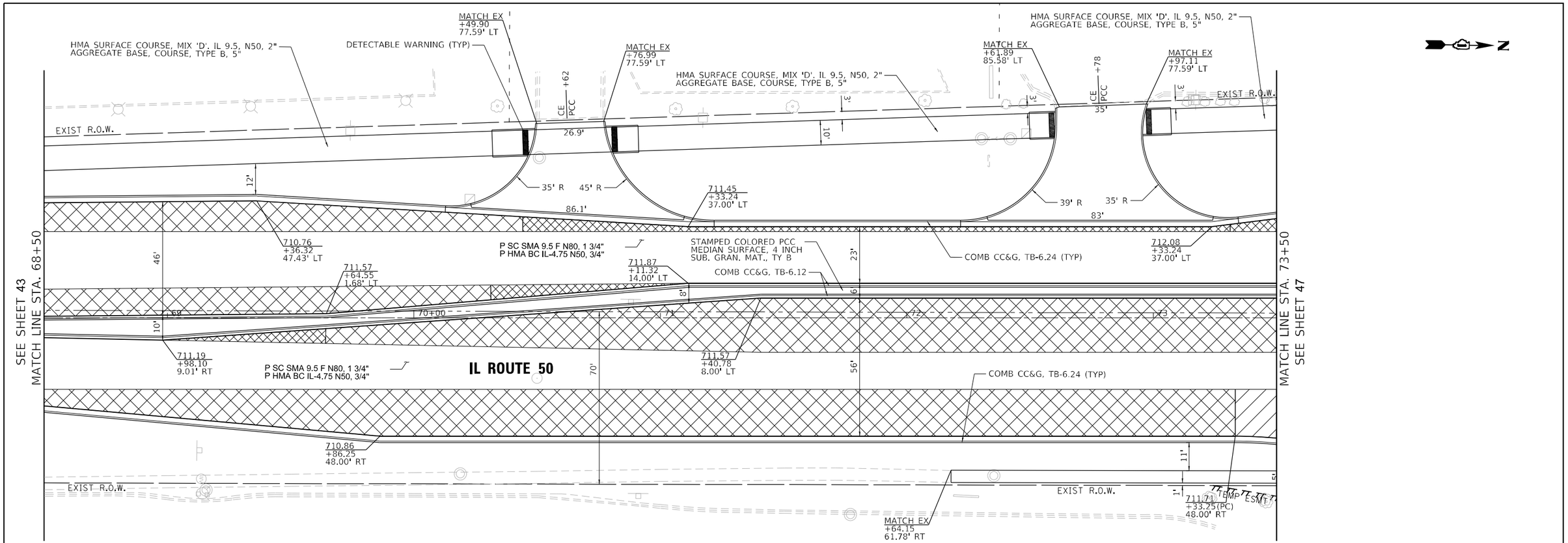
USER NAME = MET	DESIGNED - ASH	REVISED -	
	DRAWN - ASH	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - MET	REVISED -	
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
IL ROUTE 50 (CICERO AVENUE)

SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	43
		CONTRACT NO. 62G38		
		ILLINOIS FED. AID PROJECT		



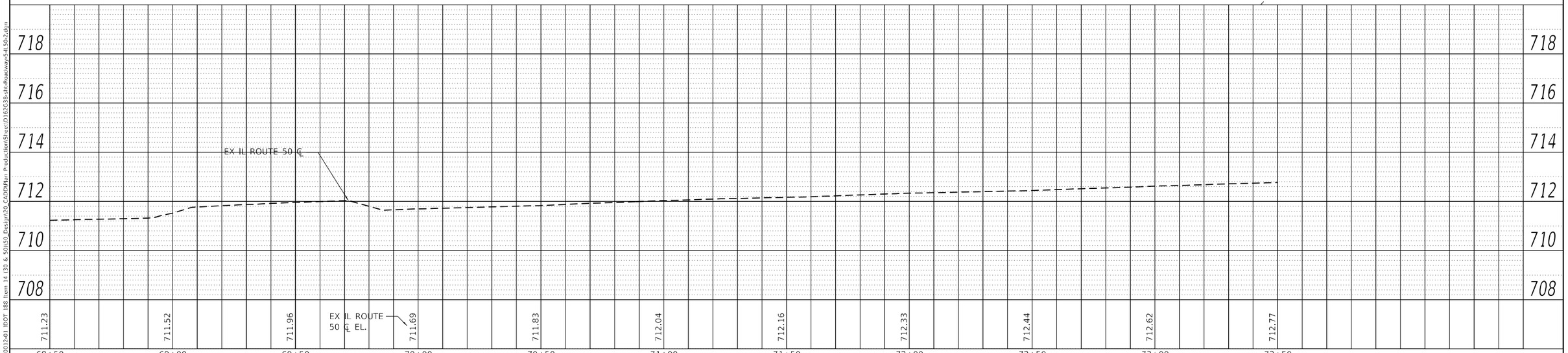
LEGEND

- PCC BASE COURSE WIDENING 8" (WIDENING < 6FT)
- PCC BASE COURSE 8"
- PCC BASE COURSE WIDENING 9" (WIDENING < 6FT)
- PCC BASE COURSE 9"
- STAMPED COLORED PCC PAVEMENT, 10" (JOINTED)

NOTES:

1. SEE SIDEWALK DETAILS SHEETS FOR DETAILED ADA RAMP DESIGN

0 20 40 60
SCALE IN FEET



Peralte-Clark LLC	USER NAME = MET	DESIGNED - ASH	REVISED -
		DRAWN - ASH	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED - MET	REVISED -
	PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
IL ROUTE 50 (CICERO AVENUE)

SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	44
		CONTRACT NO. 62G38		
		ILLINOIS FED. AID PROJECT		

PLAN: NOTE BOOK NO. ___ SURVEYED ___ PLOTTED ___ ALIGNMENT CHECKED ___ RT. OF WAY CHECKED ___ CADD FILE NAME ___ BY ___ DATE ___

PROFILE: NOTE BOOK NO. ___ SURVEYED ___ PLOTTED ___ GRADES CHECKED ___ B.M. NOTED ___ STRUCTURE NOTATNS CHKD ___ BY ___ DATE ___

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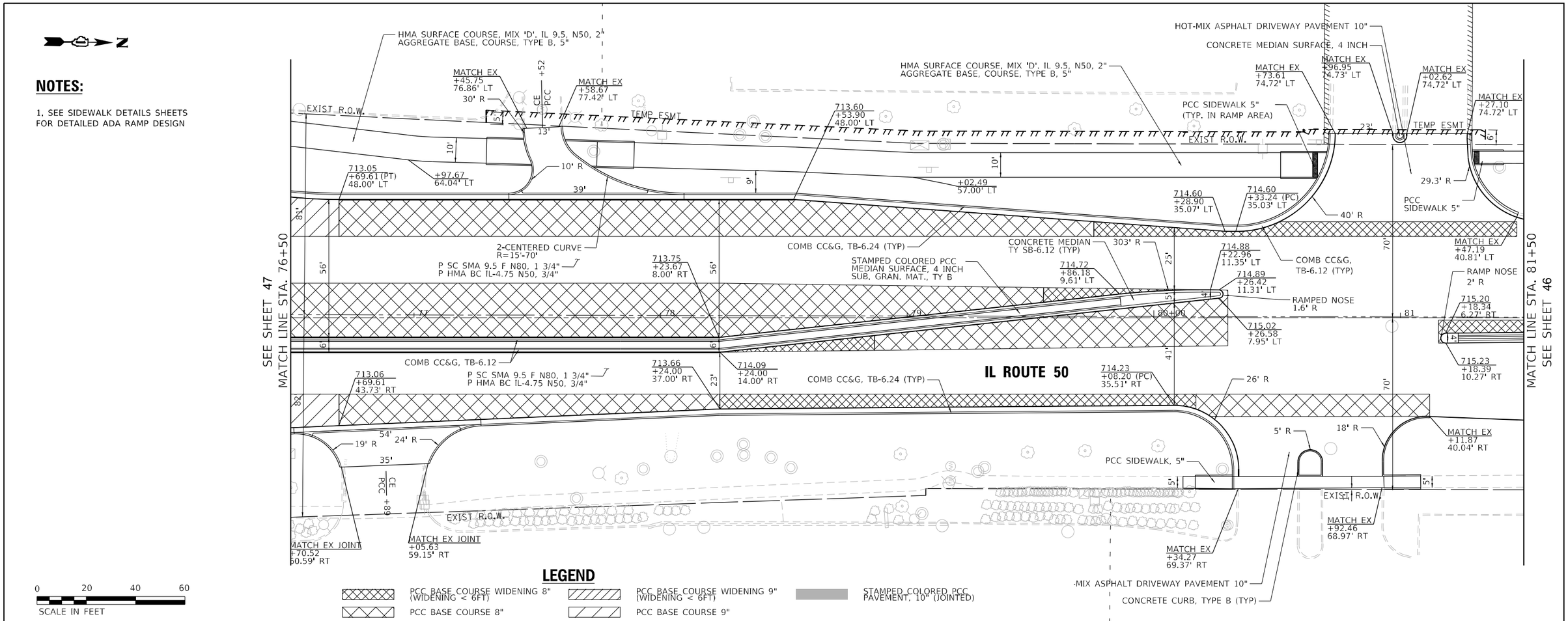
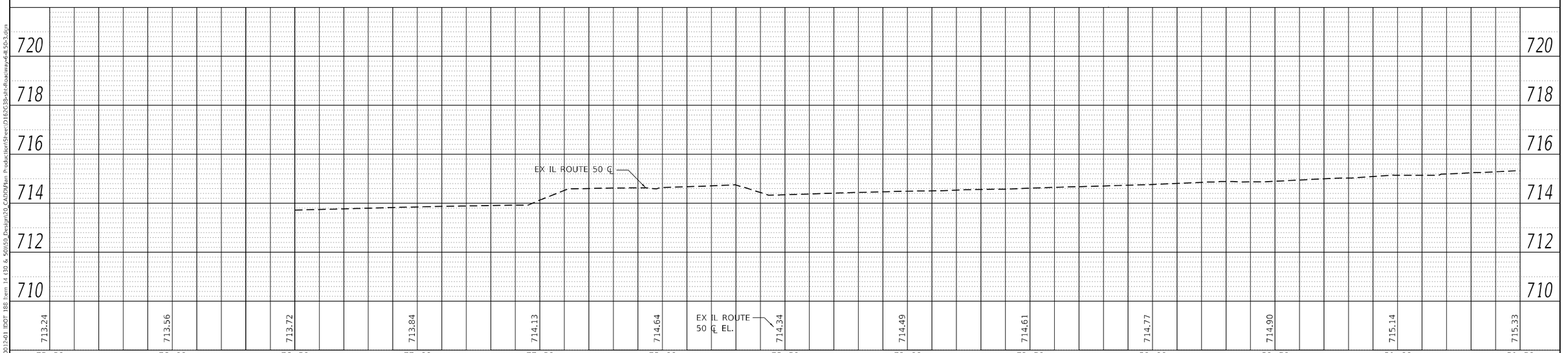
NOTES:

1. SEE SIDEWALK DETAILS SHEETS FOR DETAILED ADA RAMP DESIGN



LEGEND

- PCC BASE COURSE WIDENING 8" (WIDENING < 6FT)
- PCC BASE COURSE 8"
- PCC BASE COURSE WIDENING 9" (WIDENING < 6FT)
- PCC BASE COURSE 9"
- STAMPED COLORED PCC PAVEMENT, 10" (JOINTED)



PLAN — NOTE BOOK NO. — SURVEYED — PLOTTED — ALIGNMENT CHECKED — RT. OF WAY CHECKED — CADD FILE NAME — BY — DATE

PROFILE — NOTE BOOK NO. — SURVEYED — PLOTTED — GRADES CHECKED — B.M. NOTED — STRUCTURE NOTATIONS CHKD — BY — DATE

MODEL: Default
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Peralte-Clark LLC

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	DRAWN - ASH	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - MET	REVISED -	
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

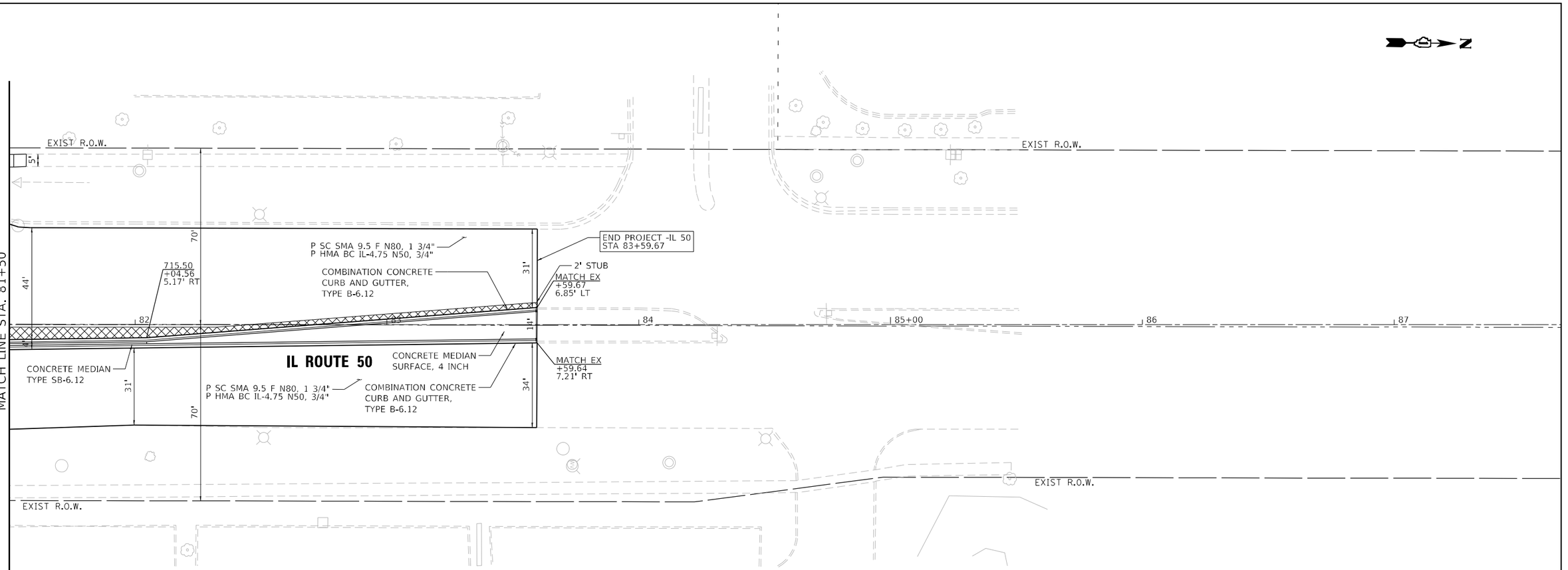
ROADWAY PLAN
IL ROUTE 50 (CICERO AVENUE)

SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	45

CONTRACT NO. 62G38

ILLINOIS FED. AID PROJECT



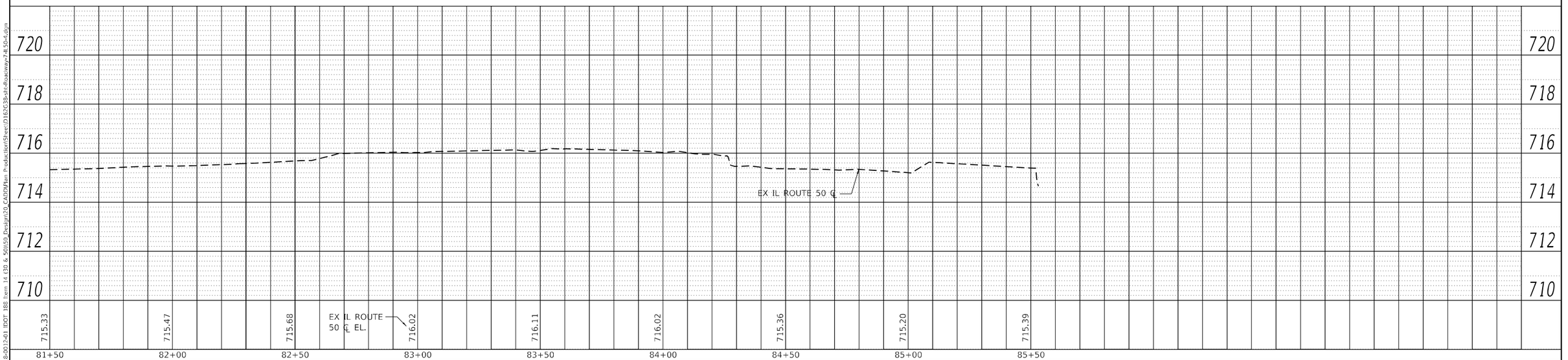
NOTES:

1. SEE SIDEWALK DETAILS SHEETS FOR DETAILED ADA RAMP DESIGN

LEGEND

- PCC BASE COURSE WIDENING 8" (WIDENING < 6FT)
- PCC BASE COURSE WIDENING 9" (WIDENING < 6FT)
- STAMPED COLORED PCC PAVEMENT, 10" (JOINTED)
- PCC BASE COURSE 8"
- PCC BASE COURSE 9"

0 20 40 60
SCALE IN FEET



PROFILE | SURVEYED | PLOTTED | CROSS SECTIONS | BM. NOTED | STRUCTURE NOTATNS CHKD | NOTE BOOK | NO.

PLAN | SURVEYED | PLOTTED | ALIGNMENT CHECKED | R.O. WAY CHECKED | CADD FILE NAME | NOTE BOOK | NO.

BY | DATE

MODEL: Default
FILE NAME: Z:\18-00124-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Plan Production\Sheet\D162G38-sht-Roadway-74.50-d.dgn

Peralte-Clark LLC

USER NAME = MET	DESIGNED - ASH	REVISED -
	DRAWN - ASH	REVISED -
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PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

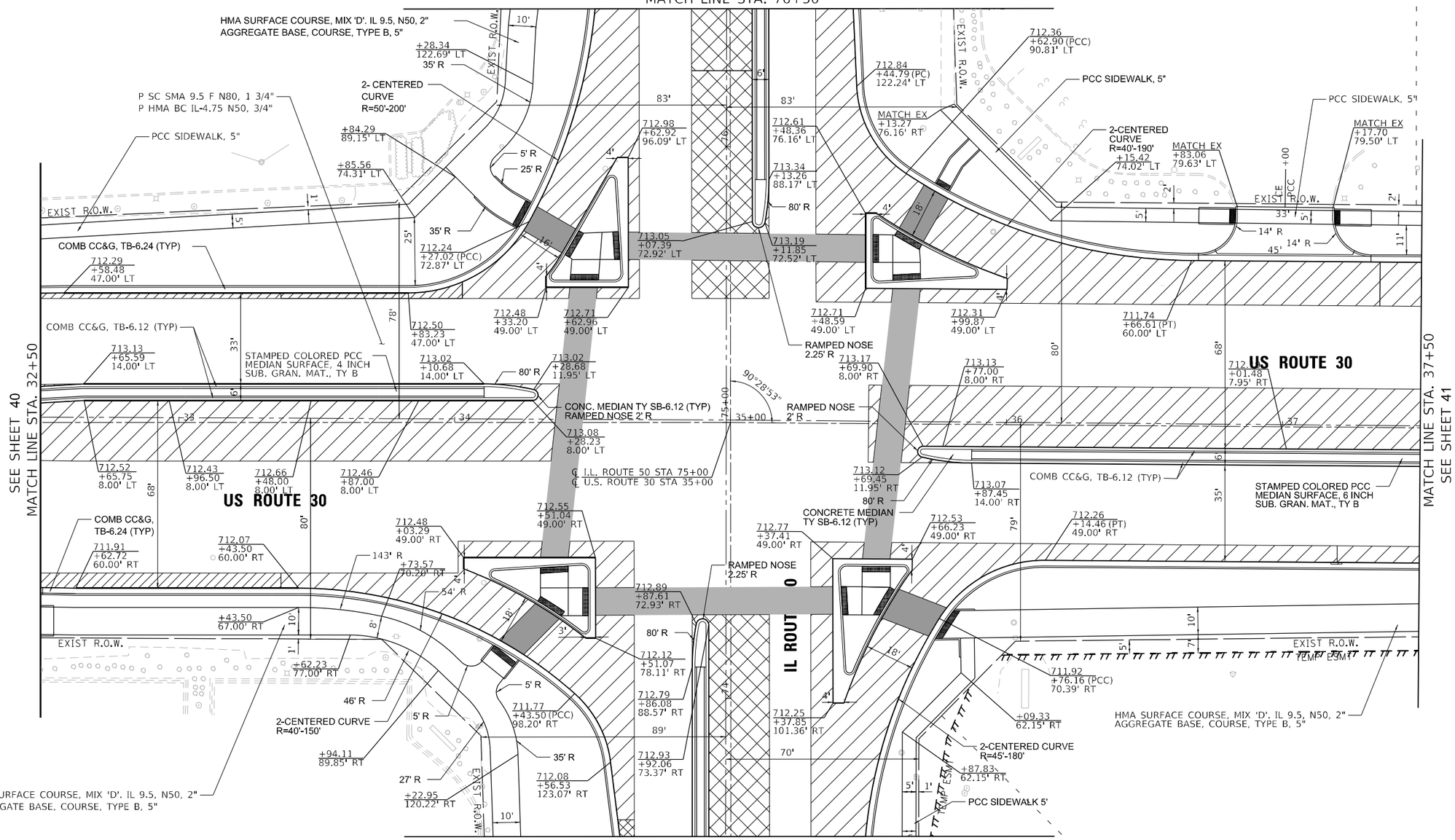
ROADWAY PLAN
IL ROUTE 50 (CICERO AVENUE)

SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	46
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			

NOTES:

1. SEE SIDEWALK DETAILS SHEETS FOR DETAILED ADA RAMP DESIGN.
2. SEE SHEET 104FOR CROSSWALK DESIGN.



LEGEND

PCC BASE COURSE WIDENING 8" (WIDENING < 6FT)
PCC BASE COURSE 8"
PCC BASE COURSE WIDENING 9" (WIDENING < 6FT)
PCC BASE COURSE 9"
STAMPED COLORED PCC PAVEMENT, 10" (JOINTED)

0 20 40 60
SCALE IN FEET

MODEL: Default
FILE NAME: Z:\18-00124-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Run Production\Sheet\D162G38-sht-Roadway-8-INT.dgn

Peralte-Clark LLC

USER NAME = MET	DESIGNED - ASH	REVISED -
	DRAWN - ASH	REVISED -
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PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
INTERSECTION DETAIL

SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	47
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			

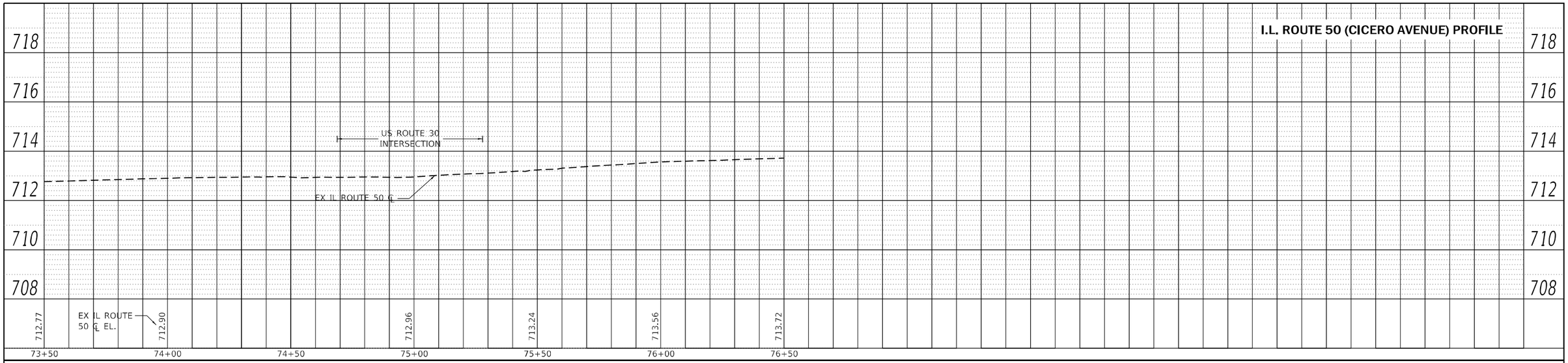
PLAN

SURVEYED
PLOTTED
ALIGNMENT CHECKED
R.O.W. CHECKED
CADD FILE NAME

NOTE BOOK
NO.

DATE
BY

I.L. ROUTE 50 (CICERO AVENUE) PROFILE



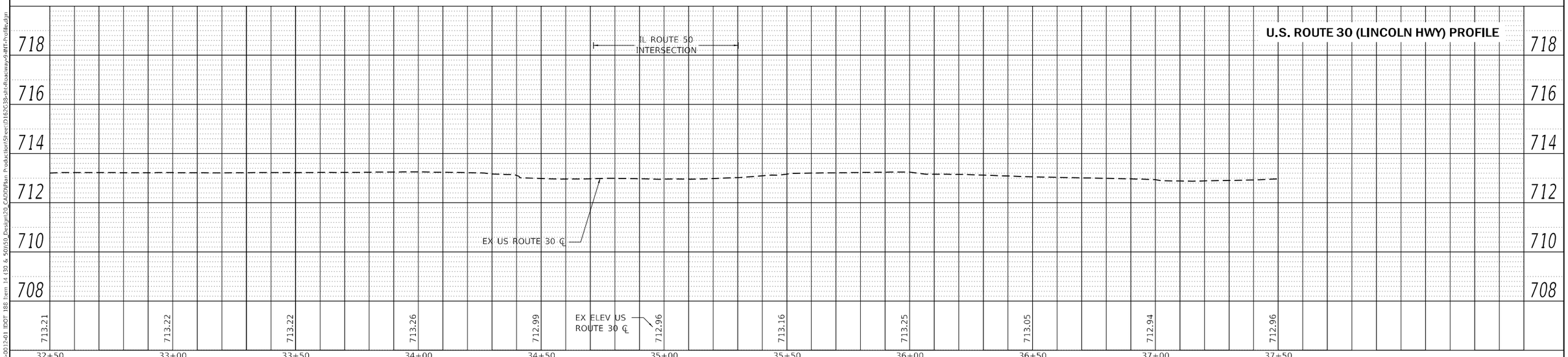
PROFILE

SURVEYED
PLOTTED
ALIGNMENT CHECKED
R.O.W. NOTED
STRUCTURE NOTATIONS CHKD

NOTE BOOK
NO.

DATE
BY

U.S. ROUTE 30 (LINCOLN HWY) PROFILE



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Peralte-Clark LLC

USER NAME = MET	DESIGNED - ASH	REVISED -
	DRAWN - ASH	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - MET	REVISED -
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN
INTERSECTION PROFILES

SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	48
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

MAINTENANCE OF TRAFFIC GENERAL NOTES:

1. US 30 AND IL 50 SHALL HAVE AT LEAST TWO THROUGH LANES IN EACH DIRECTION, PLUS AUXILIARY LANES AS SHOWN IN THE SUGGESTED MAINTENANCE OF TRAFFIC PLANS, OPEN DURING PEAK HOURS. SHORT TERM LANE CLOSURES WILL BE ALLOWED BUT SHALL BE ONLY DAYTIME AND OFF-PEAK. SHORT TERM LANE CLOSURES SHALL BE LIMITED TO NO MORE THAN ONE LANE IN THE SAME DIRECTION AT ANY ONE TIME. DAILY LANE CLOSURES SHALL FOLLOW SPECIAL PROVISION "KEEPING ARTERIAL ROADWAYS OPEN TO TRAFFIC."

2. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL LOCAL PROPERTIES AT ALL TIMES DURING CONSTRUCTION, EXCEPT WHEN PAVING OPERATIONS OCCUR DIRECTLY ON OR IN FRONT OF ENTRANCES. IN THIS CASE, FLAG PERSONS SHALL BE USED TO DIRECT TRAFFIC. ALL PROPERTIES SHALL HAVE ACCESS AT THE END OF EACH WORKDAY.

3. THE CONTRACTOR SHALL REMOVE OR COVER ALL WORKER (W21-1(0)) OR FLAGGER (W20-7(O)) SIGNS WHEN WORKERS OR FLAGGERS ARE NOT PRESENT FOR MORE THAN 1 HOUR.

4. ALL PAVEMENT MARKINGS CONFLICTING WITH THE REVISED TRAFFIC PATTERNS FOR CONSTRUCTION STAGING SHALL BE REMOVED. TEMPORARY PAVEMENT MARKING - TYPE IV TAPE SHALL BE USED ON THE FINAL WEARING SURFACE AND ON EXISTING PAVEMENT TO REMAIN WHEN THE TEMPORARY PAVEMENT MARKING CONFLICTS WITH THE PERMANENT PAVEMENT MARKINGS, SUCH AS ON TAPERS OR LANE SHIFTS.

5. TRAFFIC CONTROL DEPICTED ON THE SUGGESTED MAINTENANCE OF TRAFFIC PLANS IS THE MINIMUM REQUIREMENT. OTHER WORK OR SIGNAGE MAY BE REQUIRED BY THE ENGINEER.

6. ALL TEMPORARY PAVEMENT MARKINGS SHALL BE TEMPORARY PAVEMENT MARKING - TYPE IV TAPE.

7. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION. REFER TO HIGHWAY STANDARD 701801 FOR TRAFFIC CONTROL OF PEDESTRIAN FACILITIES.

8. ALL TRENCHES, HOLES, AND PITS SHALL BE FILLED OR COVERED WITH STEEL PLATES EXCEPT DURING ACTUAL CONSTRUCTION THEREIN. THIS WORK SHALL BE INCLUDED IN THE COST OF THE ITEMS FOR WHICH IT APPLIES.

9. THE SIDEWALK ON ONLY ONE SIDE OF THE ROAD MAY BE CLOSED AT ANY TIME WHILE THE SIDEWALK ON THE OTHER SIDE OF THE ROAD SHALL REMAIN OPEN AND FULLY ACCESSIBLE. THE CONTRACTOR SHALL PLAN AND SCHEDULE ALL WORK ACCORDINGLY.

SEQUENCE OF CONSTRUCTION

CONSTRUCTION WORK ZONE SPEED LIMIT = 40 MPH.

PRESTAGE - REMOVAL OF 20' OF MEDIAN BARRIER NEAREST TO THE INTERSECTION OF US-30 AND IL-50 IN THE NORTH LEG, AND REPLACEMENT WITH TEMPORARY PAVEMENT

0.1 STATE STANDARDS FOR TRAFFIC CONTROL AND PROTECTION FOR LANE CLOSURES AND SLOW MOVING OPERATIONS. ONE LANE IN EACH DIRECTION MAINTAINED AT ALL TIMES.

STAGE 1 - REMOVAL OF THE 4 CORNER ISLANDS AND REPLACEMENT WITH TEMPORARY PAVEMENT

1.1 INSTALLATION OF TEMPORARY TRAFFIC SIGNALS AND REMOVAL OF EXISTING TRAFFIC SIGNALS

1.2 REDUCE WESTBOUND AND EASTBOUND TO TWO 12' LANES, MAINTAINING LEFT TURN LANES. OUTER LANE ALONG US ROUTE 30 CAN BE CLOSED DURING OFF PEAK HOURS ONLY.

1.3 REDUCE NORTHBOUND AND SOUTHBOUND TO TWO 11' LANES, MAINTAINING LEFT TURN LANES. OUTER LANE ALONG IL ROUTE 50 CAN BE CLOSED DURING OFF PEAK HOURS ONLY.

1.4 REMOVE EXISTING CORNER ISLANDS AND PLACE TEMPORARY PAVEMENT, UTILIZING OFF PEAK LANE CLOSURES.

SEQUENCE OF CONSTRUCTION (CONTINUED)

CONSTRUCTION WORK ZONE SPEED LIMIT = 40 MPH.

STAGE 2A - PAVEMENT WIDENING ALONG THE OUTSIDE OF THE US 30 AND IL ROUTE 50 INTERSECTION, INCLUDING PAVEMENT WIDENING, CURB AND GUTTER, CONCRETE CROSSWALK, LIGHTING, DRIVEWAY, SIDEWALK, BIKE PATH CONSTRUCTION.

2A.1 REDUCE WESTBOUND AND EASTBOUND TO TWO 12' LANES, MAINTAINING LEFT TURN LANES, AND EASTBOUND RIGHT TURN ONLY LANE. OUTER LANE ALONG US ROUTE 30 CAN BE CLOSED DURING OFF PEAK HOURS ONLY.

2A.2 REDUCE NORTHBOUND AND SOUTHBOUND TO TWO 11' LANES, MAINTAINING LEFT TURN LANES. OUTER LANE ALONG IL ROUTE 50 CAN BE CLOSED DURING OFF PEAK HOURS ONLY.

STAGE 2B - MOVE RIGHT TURN MOVEMENTS TO NEW PAVEMENT ON OUTSIDE OF CORNER ISLANDS, EXPAND WORK ZONE TO ALLOW CONSTRUCTION OF REMAINDER OF NEW PAVEMENT AROUND PROPOSED CORNER ISLANDS, PLACE TEMPORARY PAVEMENT IN NW, SW AND SE CORNERS FOR USE IN STAGE 3.

2B.1 MAINTAIN LANE CONFIGURATIONS FROM STAGE 2A, SHIFT RIGHT TURNING MOVEMENT IN ALL DIRECTIONS TO NEWLY CONSTRUCTED PAVEMENT ON OUTSIDE OF PROPOSED CORNER ISLANDS.

2B.2 EXPAND CORNER WORK ZONES TO ALLOW COMPLETION OF PROPOSED PAVEMENT.

STAGE 3A - REMOVAL OF EXISTING MEDIAN AND REPLACEMENT WITH TEMPORARY PAVEMENT

3.1 ADJUST TEMPORARY TRAFFIC SIGNALS

3.2 REDUCE WESTBOUND AND EASTBOUND TO TWO 11' LANES, MAINTAINING LEFT AND RIGHT TURN LANES. OUTER LANE ALONG US ROUTE 30 CAN BE CLOSED DURING OFF PEAK HOURS ONLY.

3.3 REDUCE NORTHBOUND AND SOUTHBOUND TO TWO 11' LANES, MAINTAINING LEFT AND RIGHT TURN LANES. OUTER LANE ALONG IL ROUTE 50 CAN BE CLOSED DURING OFF PEAK HOURS ONLY.

STAGE 3B - CONSTRUCTION OF PORTION OF CONCRETE CROSSWALK

3.1 ADJUST TEMPORARY TRAFFIC SIGNALS

3.2 REDUCE WESTBOUND AND EASTBOUND TO TWO 11' LANES, MAINTAINING LEFT AND RIGHT TURN LANES. OUTER LANE ALONG US ROUTE 30 CAN BE CLOSED DURING OFF PEAK HOURS ONLY.

3.3 REDUCE NORTHBOUND AND SOUTHBOUND TO TWO 11' LANES, MAINTAINING LEFT AND RIGHT TURN LANES. OUTER LANE ALONG IL ROUTE 50 CAN BE CLOSED DURING OFF PEAK HOURS ONLY.

STAGE 3C - CONSTRUCTION OF PORTION OF CONCRETE CROSSWALK

3.1 ADJUST TEMPORARY TRAFFIC SIGNALS

3.2 REDUCE WESTBOUND AND EASTBOUND TO TWO 11' LANES, MAINTAINING LEFT AND RIGHT TURN LANES. INNER LANE ALONG US ROUTE 30 CAN BE CLOSED DURING OFF PEAK HOURS ONLY.

3.3 REDUCE NORTHBOUND AND SOUTHBOUND TO TWO 11' LANES, MAINTAINING LEFT AND RIGHT TURN LANES. INNER LANE ALONG IL ROUTE 50 CAN BE CLOSED DURING OFF PEAK HOURS ONLY.

STAGE 3D - CONSTRUCTION OF BARRIER CURB MEDIAN ALONG ALL FOUR LEGS OF THE INTERSECTION OF US-30 AND IL-50, AND REMAINDER OF CONCRETE CROSSWALK

3.1 ADJUST TEMPORARY TRAFFIC SIGNALS

3.2 REDUCE WESTBOUND AND EASTBOUND TO TWO 11' LANES, MAINTAINING LEFT AND RIGHT TURN LANES. INNER LANE ALONG US ROUTE 30 CAN BE CLOSED DURING OFF PEAK HOURS ONLY.

3.3 REDUCE NORTHBOUND AND SOUTHBOUND TO TWO 11' LANES, MAINTAINING LEFT AND RIGHT TURN LANES. INNER LANE ALONG IL ROUTE 50 CAN BE CLOSED DURING OFF PEAK HOURS ONLY.

STAGE 4 - REMOVAL OF TEMPORARY PAVEMENT AND CONSTRUCTION OF ALL CORNER ISLANDS OF THE INTERSECTION OF US-30 AND IL-50 AND PROPOSED TRAFFIC SIGNALS IN ISLANDS.

4.1 ADJUST TEMPORARY TRAFFIC SIGNALS

4.2 IMPLEMENT FINAL LANE CONFIGURATION ON US ROUTE 30 EXCEPT FOR INNER LEFT TURN LANE. OUTER LANE ALONG US ROUTE 30 CAN BE CLOSED DURING OFF PEAK HOURS ONLY.

4.3 IMPLEMENT FINAL LANE CONFIGURATION ON IL ROUTE 50 EXCEPT FOR INNER LEFT TURN LANE. OUTER LANE ALONG IL ROUTE 50 CAN BE CLOSED DURING OFF PEAK HOURS ONLY.

STAGE 5 - MILL AND RESURFACE PAVEMENT WITHIN PROJECT LIMITS, INSTALL PAVEMENT MARKINGS, AND INSTALL PERMANENT TRAFFIC SIGNALS.

5.1 STATE STANDARDS FOR TRAFFIC CONTROL AND PROTECTION FOR LANE CLOSURES AND SLOW MOVING OPERATIONS. ONE LANE IN EACH DIRECTION MAINTAINED AT ALL TIMES.

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PLOT DATE = 3/21/2023	DATE - 03-21-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC GENERAL NOTES AND SEQUENCE OF CONSTRUCTION

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	49
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

MODEL:
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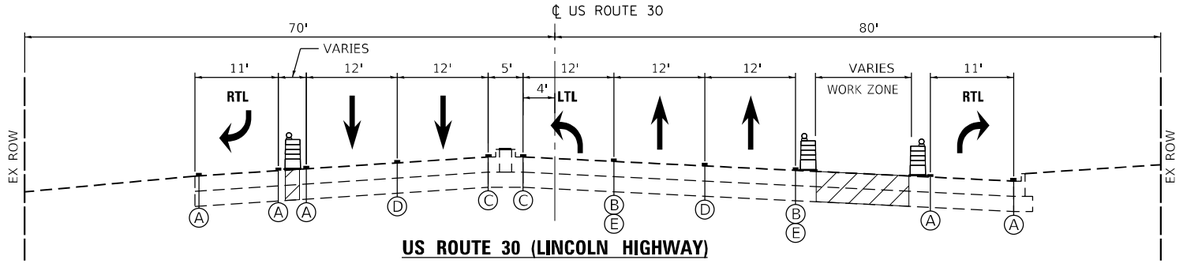
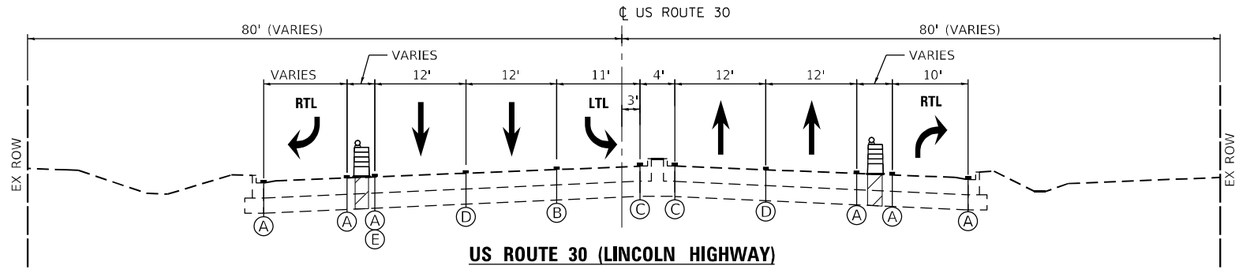


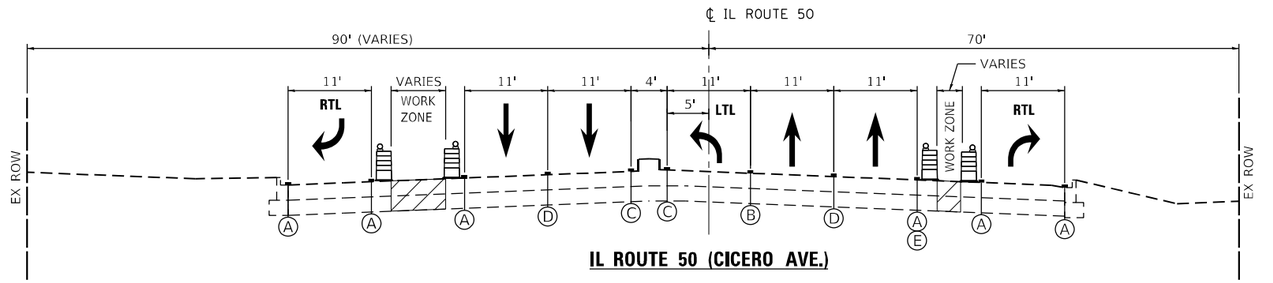
US ROUTE 30 (LINCOLN HIGHWAY)

STAGE 1
STA. 31+09 TO 34+27



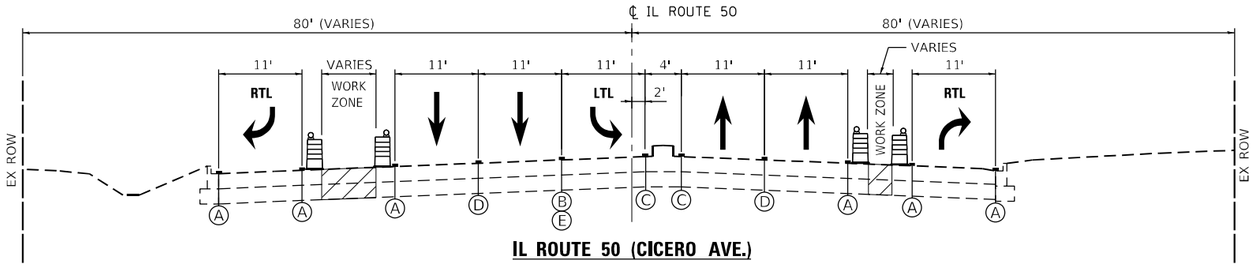
US ROUTE 30 (LINCOLN HIGHWAY)

STAGE 1
STA. 35+52 TO 38+39



IL ROUTE 50 (CICERO AVE.)

STAGE 1
STA. 73+78 TO 74+39



IL ROUTE 50 (CICERO AVE.)

STAGE 1
STA. 75+50 TO 76+80

LEGEND

- TYPE II BARRICADES OR DRUMS 50' C-C ON TANGENT, 20' C-C ON TAPERS AND 12' C-C ON RADII
- DIRECTION OF TRAVEL
- WORK ZONE
- (A) TEMPORARY PAVEMENT MARKING - LINE 4" (WHITE)
- (B) TEMPORARY PAVEMENT MARKING - LINE 6" (WHITE)
- (C) TEMPORARY PAVEMENT MARKING - LINE 4" (YELLOW)
- (D) TEMPORARY PAVEMENT MARKING - LINE 4" (SKIP DASH WHITE, 30' SKIP - 10' DASH)
- (E) TEMPORARY PAVEMENT MARKING - LINE 6" (SKIP DASH WHITE, 6' SKIP - 2' DASH)

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PLOT DATE = 3/20/2023	DATE - 03-21-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC PLAN
TYPICAL SECTIONS – STAGE 1

SCALE: NONE | SHEET 1 OF 12 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	50
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

MODEL:
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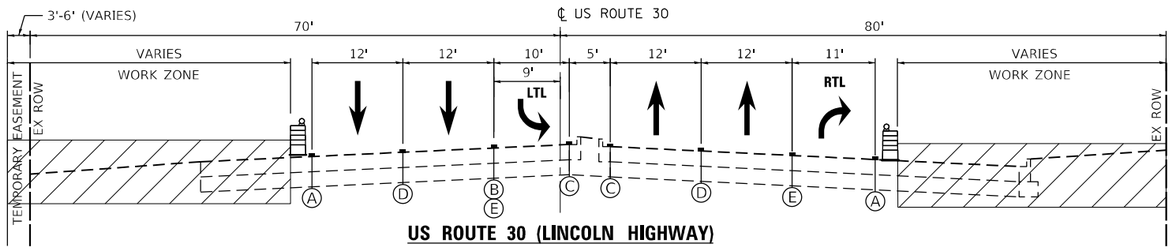
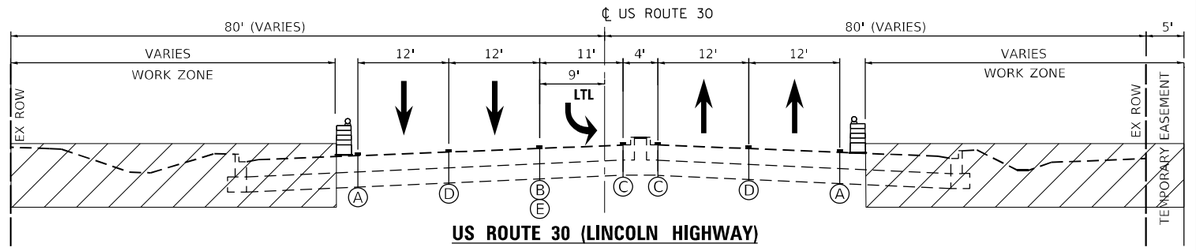


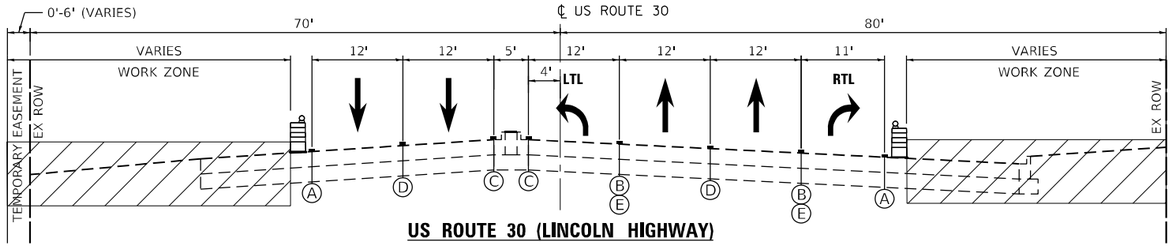
US ROUTE 30 (LINCOLN HIGHWAY)

STAGE 2A
STA. 28+34 TO 31+21



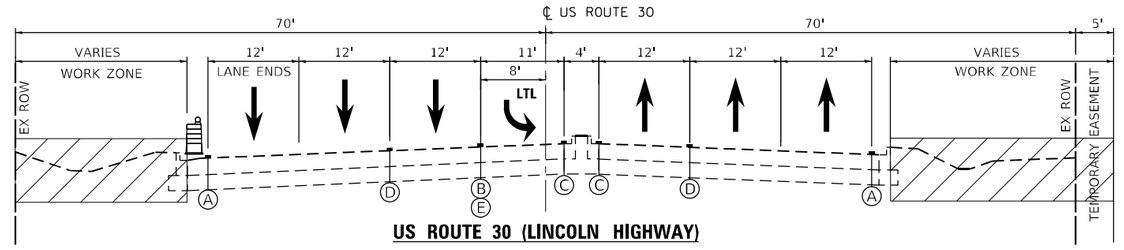
US ROUTE 30 (LINCOLN HIGHWAY)

STAGE 2A
STA. 35+52 TO 42+91



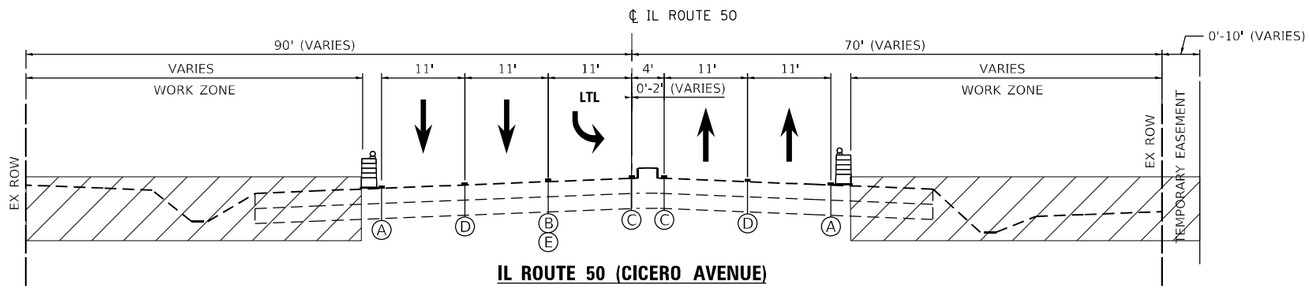
US ROUTE 30 (LINCOLN HIGHWAY)

STAGE 2A
STA. 31+21 TO 34+27



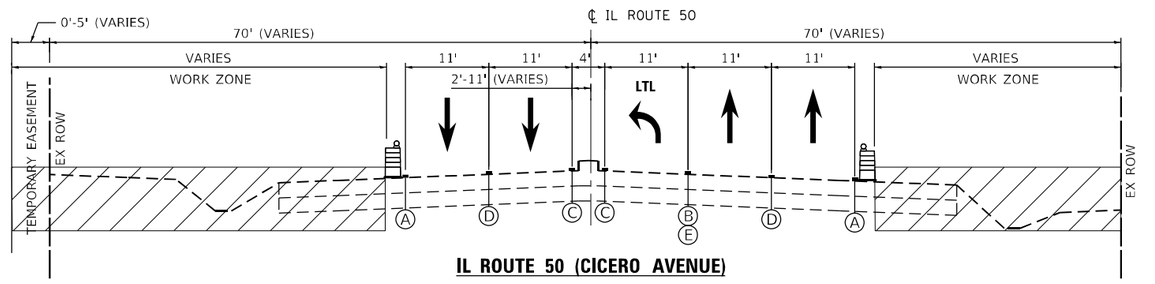
US ROUTE 30 (LINCOLN HIGHWAY)

STAGE 2A
STA. 42+91 TO 48+51



IL ROUTE 50 (CICERO AVENUE)

STAGE 2A
STA. 67+81 TO 70+50
STA. 75+51 TO 78+00



IL ROUTE 50 (CICERO AVENUE)

STAGE 2A
STA. 70+50 TO 74+38
STA. 78+00 TO 80+27

LEGEND

- TYPE II BARRICADES OR DRUMS 50' C-C ON TANGENT, 20' C-C ON TAPERS AND 12' C-C ON RADII
- DIRECTION OF TRAVEL
- WORK ZONE
- (A) TEMPORARY PAVEMENT MARKING - LINE 4" (WHITE)
- (B) TEMPORARY PAVEMENT MARKING - LINE 6" (WHITE)
- (C) TEMPORARY PAVEMENT MARKING - LINE 4" (YELLOW)
- (D) TEMPORARY PAVEMENT MARKING - LINE 4" (SKIP DASH WHITE, 30' SKIP - 10' DASH)
- (E) TEMPORARY PAVEMENT MARKING - LINE 6" (SKIP DASH WHITE, 6' SKIP - 2' DASH)

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC PLAN
TYPICAL SECTIONS – STAGE 2A

SCALE: NONE | SHEET 2 OF 12 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	51
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

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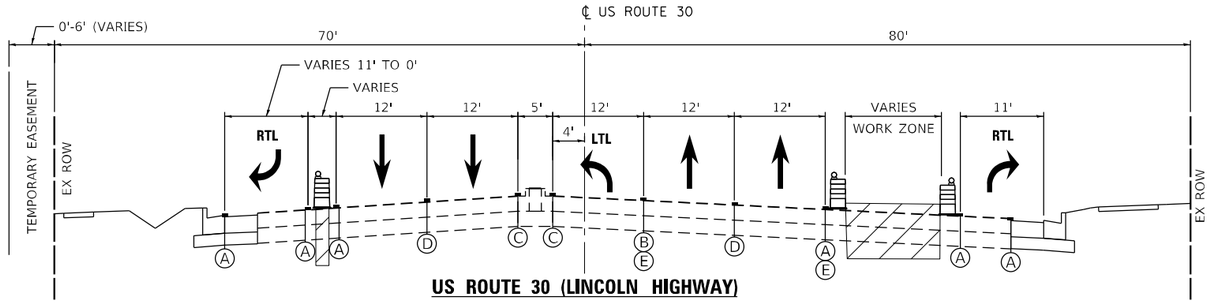
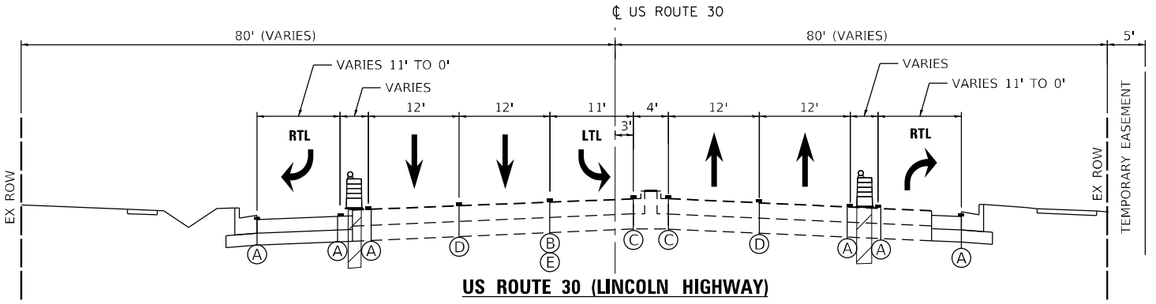
FILE NAME: P:\040658 - IDOT\040658-02-001 (ENG) - IDOT PTB 188-014 US-30 at IL-50\Engineering\500 Drawings\502 CADD Sheets\D1626G38-MGT XS Stage 2A.dgn



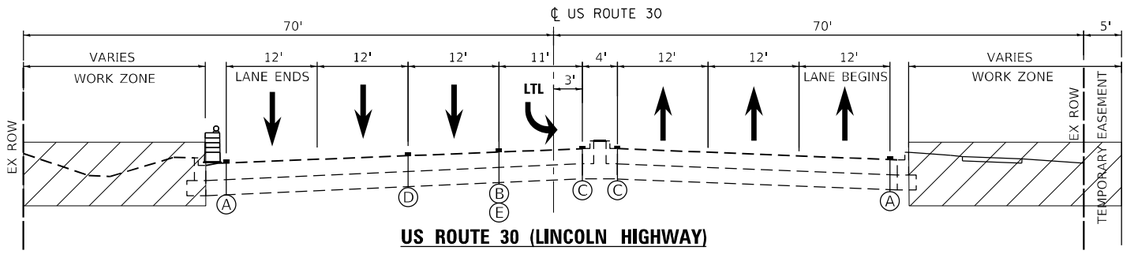
US ROUTE 30 (LINCOLN HIGHWAY)

STAGE 2B
STA. 32+00 TO 34+27



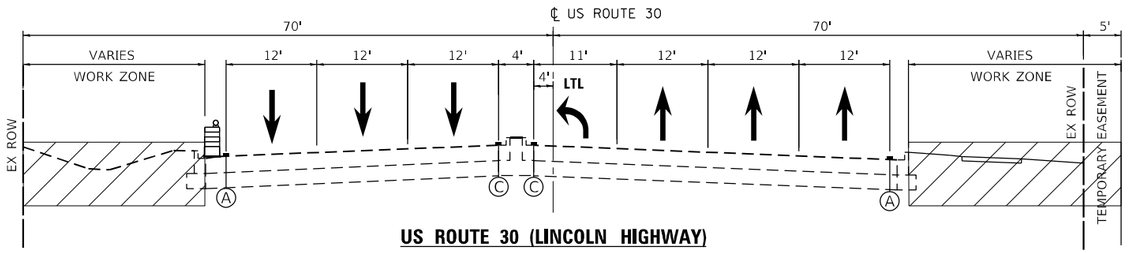
US ROUTE 30 (LINCOLN HIGHWAY)

STAGE 2B
STA. 35+52 TO 38+39



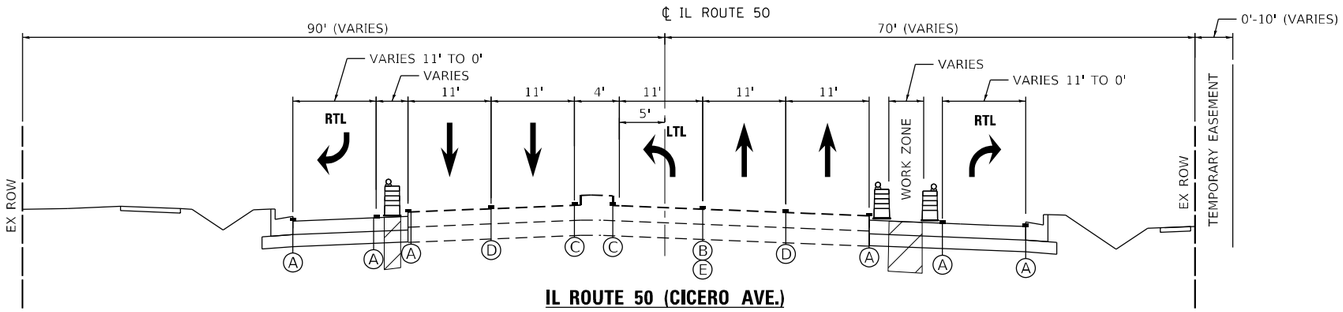
US ROUTE 30 (LINCOLN HIGHWAY)

STAGE 2B
STA. 42+07 TO 45+67



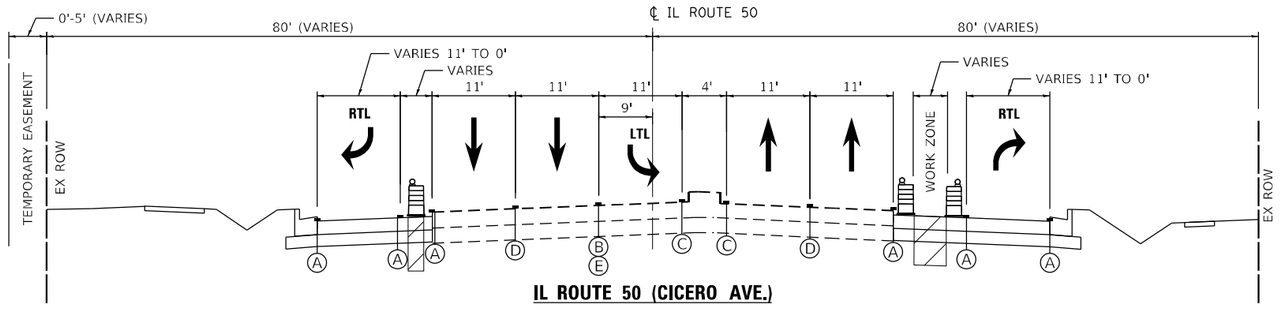
US ROUTE 30 (LINCOLN HIGHWAY)

STAGE 2B
STA. 45+67 TO 48+46



IL ROUTE 50 (CICERO AVE.)

STAGE 2B
STA. 70+50 TO 74+39



IL ROUTE 50 (CICERO AVE.)

STAGE 2B
STA. 74+39 TO STA. 80+27

LEGEND

- TYPE II BARRICADES OR DRUMS 50' C-C ON TANGENT, 20' C-C ON TAPERS AND 12' C-C ON RADII
- DIRECTION OF TRAVEL
- WORK ZONE
- (A) TEMPORARY PAVEMENT MARKING - LINE 4" (WHITE)
- (B) TEMPORARY PAVEMENT MARKING - LINE 6" (WHITE)
- (C) TEMPORARY PAVEMENT MARKING - LINE 4" (YELLOW)
- (D) TEMPORARY PAVEMENT MARKING - LINE 4" (SKIP DASH WHITE, 30' SKIP - 10' DASH)
- (E) TEMPORARY PAVEMENT MARKING - LINE 6" (SKIP DASH WHITE, 6' SKIP - 2' DASH)

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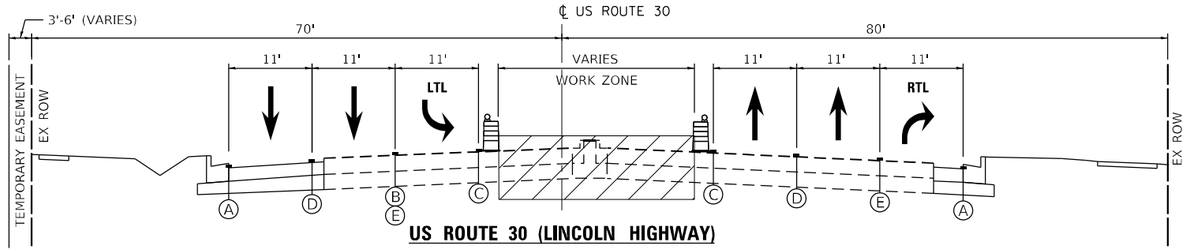
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC PLAN
TYPICAL SECTIONS – STAGE 2B

SCALE: NONE | SHEET 3 OF 12 SHEETS | STA. | TO STA.

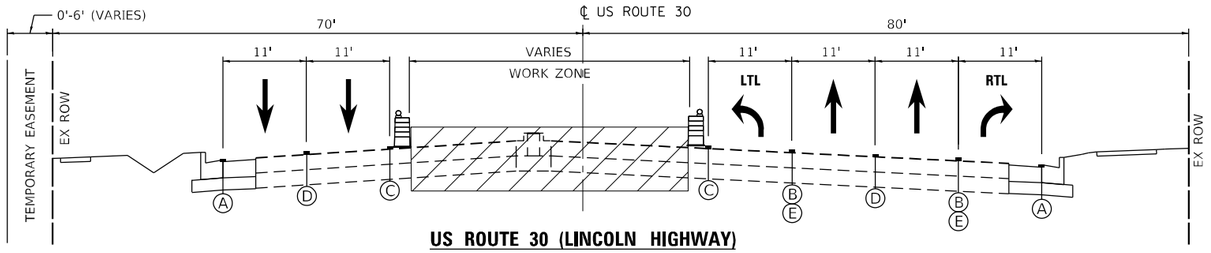
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	52
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

MODEL:
FILE NAME: P:\0400658 - IDOT\0400658-02-001 (ENG) - IDOT PTB 188-014 US-30 at IL-50\Engineering\500 Drawings\502 CADD Sheets\D1620G38-MOT XS Stage 2B.dgn



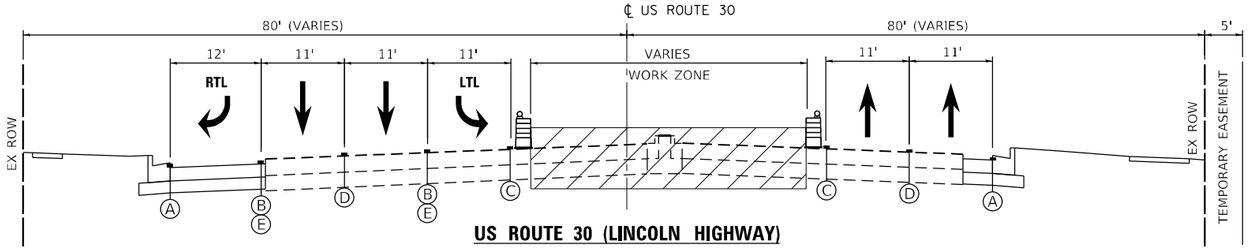
US ROUTE 30 (LINCOLN HIGHWAY)

STAGE 3A
STA. 28+46 TO 31+02



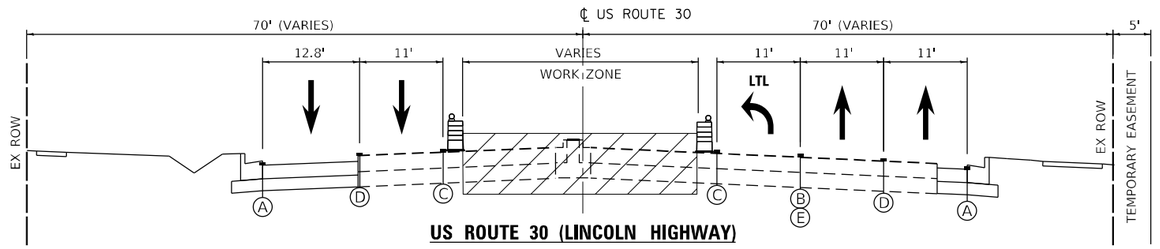
US ROUTE 30 (LINCOLN HIGHWAY)

STAGE 3A
STA. 31+02 TO 34+27



US ROUTE 30 (LINCOLN HIGHWAY)

STAGE 3A
STA. 35+52 TO 39+62



US ROUTE 30 (LINCOLN HIGHWAY)

STAGE 3A
STA. 39+62 TO 41+07

LEGEND

- TYPE II BARRICADES OR DRUMS 50' C-C ON TANGENT, 20' C-C ON TAPERS AND 12' C-C ON RADII
- DIRECTION OF TRAVEL
- WORK ZONE
- (A) TEMPORARY PAVEMENT MARKING - LINE 4" (WHITE)
- (B) TEMPORARY PAVEMENT MARKING - LINE 6" (WHITE)
- (C) TEMPORARY PAVEMENT MARKING - LINE 4" (YELLOW)
- (D) TEMPORARY PAVEMENT MARKING - LINE 4" (SKIP DASH WHITE, 30' SKIP - 10' DASH)
- (E) TEMPORARY PAVEMENT MARKING - LINE 6" (SKIP DASH WHITE, 6' SKIP - 2' DASH)

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PLOT DATE = 3/20/2023	DATE - 03-21-2023	REVISED -	

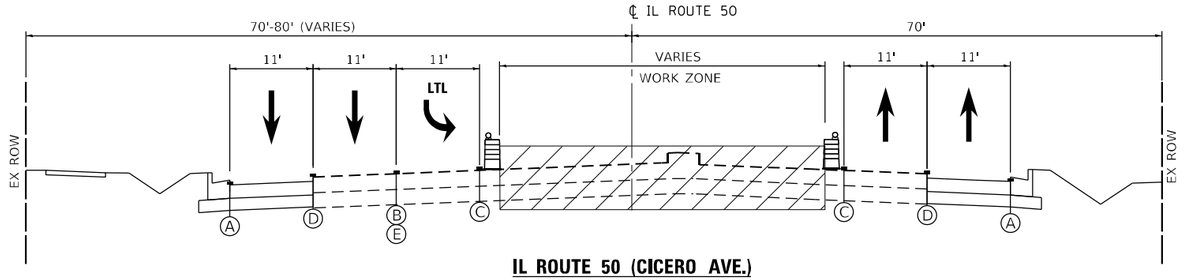
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC PLAN
TYPICAL SECTIONS – STAGE 3A

SCALE: NONE | SHEET 4 OF 12 SHEETS | STA. | TO STA.

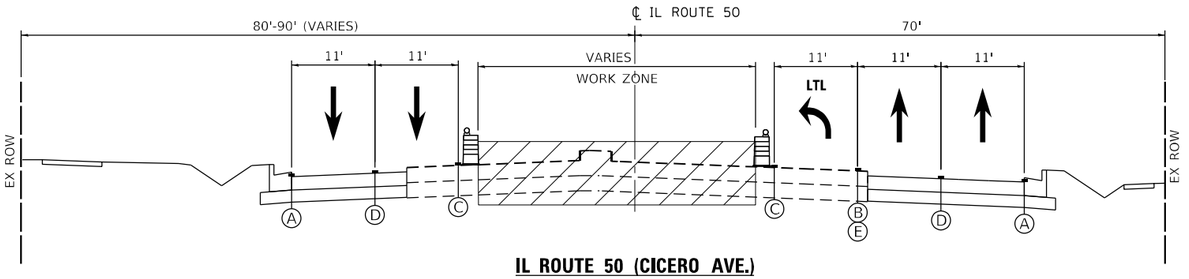
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	53
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

MODEL:
FILE NAME: P:\040058 - IDOT\040058-02-001 (ENG) - IDOT PTB 188-014 US-30 at IL-53\Engineering\500 Drawings\502 CADD Sheets\D162G38-MOT XS Stage 3 (US 30).dgn



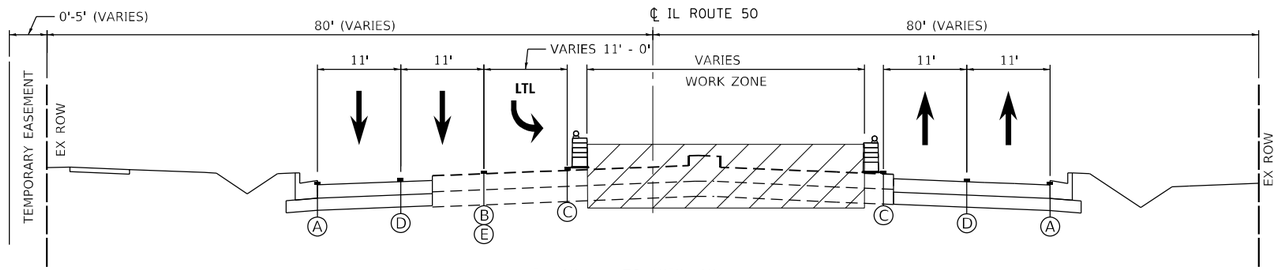
IL ROUTE 50 (CICERO AVE.)

STAGE 3A
STA. 67+65 TO STA. 71+11



IL ROUTE 50 (CICERO AVE.)

STAGE 3A
STA. 71+11 TO 74+39



IL ROUTE 50 (CICERO AVE.)

STAGE 3A
STA. 75+58 TO STA. 80+35

LEGEND

- TYPE II BARRICADES OR DRUMS 50' C-C ON TANGENT, 20' C-C ON TAPERS AND 12' C-C ON RADII
- DIRECTION OF TRAVEL
- WORK ZONE
- (A) TEMPORARY PAVEMENT MARKING - LINE 4" (WHITE)
- (B) TEMPORARY PAVEMENT MARKING - LINE 6" (WHITE)
- (C) TEMPORARY PAVEMENT MARKING - LINE 4" (YELLOW)
- (D) TEMPORARY PAVEMENT MARKING - LINE 4" (SKIP DASH WHITE, 30' SKIP - 10' DASH)
- (E) TEMPORARY PAVEMENT MARKING - LINE 6" (SKIP DASH WHITE, 6' SKIP - 2' DASH)

MODEL:
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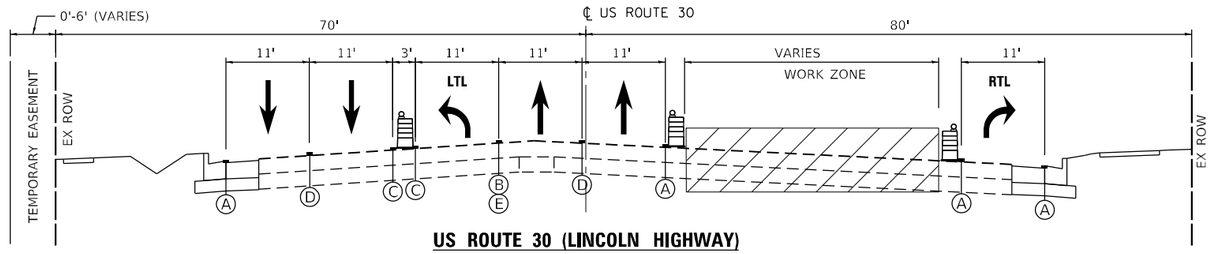
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC PLAN
TYPICAL SECTIONS – STAGE 3A

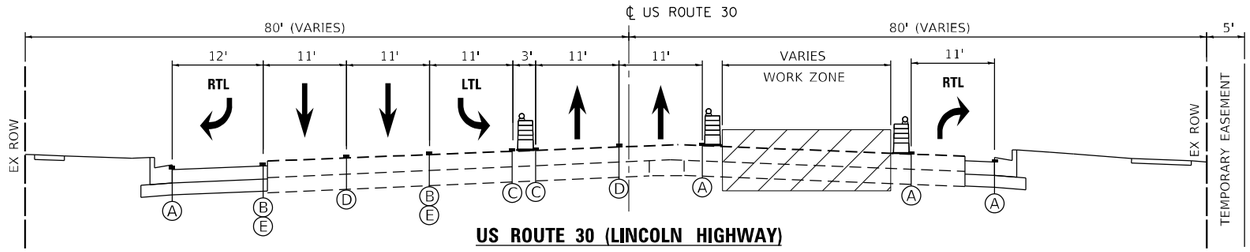
SCALE: NONE | SHEET 5 OF 12 SHEETS | STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	54
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			



US ROUTE 30 (LINCOLN HIGHWAY)

STAGE 3B
STA. 31+02 TO 34+27



US ROUTE 30 (LINCOLN HIGHWAY)

STAGE 3B
STA. 35+52 TO 39+62

LEGEND

TYPE II BARRICADES OR DRUMS
50' C-C ON TANGENT, 20' C-C ON TAPERS
AND 12' C-C ON RADII

DIRECTION OF TRAVEL

WORK ZONE

Ⓐ TEMPORARY PAVEMENT MARKING - LINE 4" (WHITE)

Ⓑ TEMPORARY PAVEMENT MARKING - LINE 6" (WHITE)

Ⓒ TEMPORARY PAVEMENT MARKING - LINE 4" (YELLOW)

Ⓓ TEMPORARY PAVEMENT MARKING - LINE 4"
(SKIP DASH WHITE, 30' SKIP - 10' DASH)

Ⓔ TEMPORARY PAVEMENT MARKING - LINE 6"
(SKIP DASH WHITE, 6' SKIP - 2' DASH)

MODEL:
FILE NAME: P:\040058 - IDOT\040058-02-001 (ENG) - IDOT PTB 188-014 US-30 at IL-50\Engineering\500 Drawings\502 CADD Sheets\D162G38-MOT XS Stage 3B (US 30).dgn

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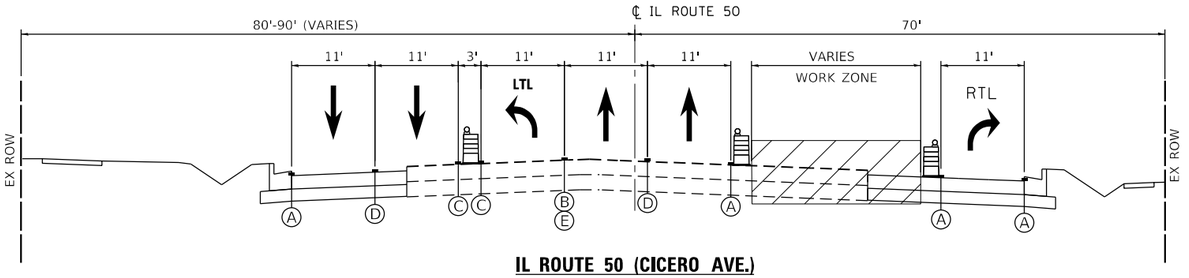
PLOT DATE = 3/20/2023	DATE - 03-21-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC PLAN
TYPICAL SECTIONS – STAGE 3B

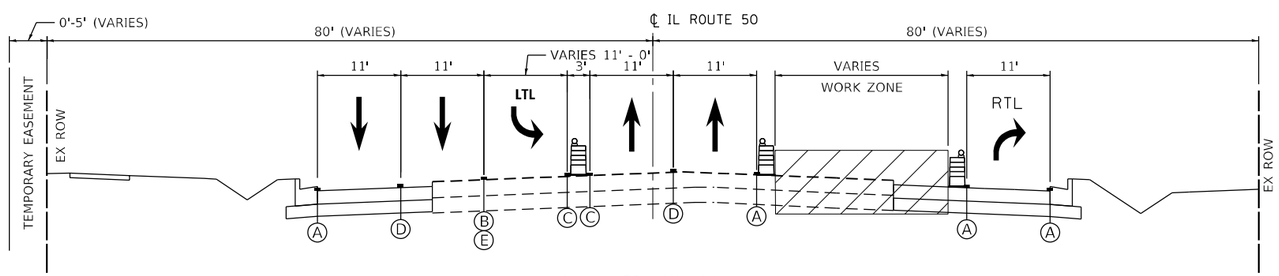
SCALE: NONE | SHEET 6 OF 12 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	55
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		



IL ROUTE 50 (CICERO AVE.)

STAGE 3B
STA. 71+11 TO 74+39



IL ROUTE 50 (CICERO AVE.)

STAGE 3B
STA. 75+58 TO STA. 80+35

LEGEND

- TYPE II BARRICADES OR DRUMS 50' C-C ON TANGENT, 20' C-C ON TAPERS AND 12' C-C ON RADII
- DIRECTION OF TRAVEL
- WORK ZONE
- (A) TEMPORARY PAVEMENT MARKING - LINE 4" (WHITE)
- (B) TEMPORARY PAVEMENT MARKING - LINE 6" (WHITE)
- (C) TEMPORARY PAVEMENT MARKING - LINE 4" (YELLOW)
- (D) TEMPORARY PAVEMENT MARKING - LINE 4" (SKIP DASH WHITE, 30' SKIP - 10' DASH)
- (E) TEMPORARY PAVEMENT MARKING - LINE 6" (SKIP DASH WHITE, 6' SKIP - 2' DASH)

MODEL:
FILE NAME: P:\040058 - IDOT\040058-02-001 (ENG) - IDOT PTB 188-014 US-30 at IL-50\Engineering\300 Drawings\450 CADD Sheets\0162G38-MOT XS Stage 3B IL 50.cgn

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STATE OF ILLINOIS
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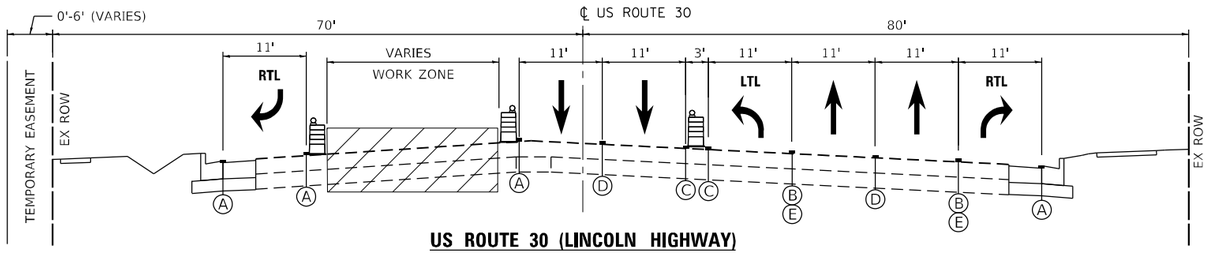
SUGGESTED MAINTENANCE OF TRAFFIC PLAN
TYPICAL SECTIONS – STAGE 3B

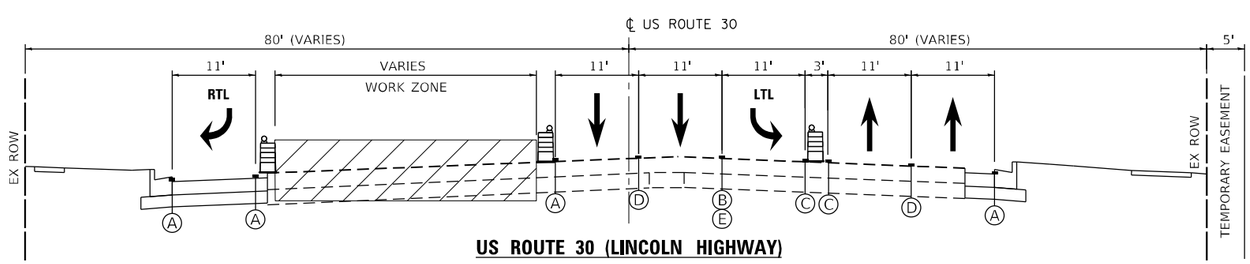
SCALE: NONE | SHEET 7 OF 12 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	56
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			



US ROUTE 30 (LINCOLN HIGHWAY)

STAGE 3C
STA. 31+02 TO 34+27



US ROUTE 30 (LINCOLN HIGHWAY)

STAGE 3C
STA. 35+52 TO 39+62

LEGEND

- TYPE II BARRICADES OR DRUMS 50' C-C ON TANGENT, 20' C-C ON TAPERS AND 12' C-C ON RADII
- DIRECTION OF TRAVEL
- WORK ZONE
- (A) TEMPORARY PAVEMENT MARKING - LINE 4" (WHITE)
- (B) TEMPORARY PAVEMENT MARKING - LINE 6" (WHITE)
- (C) TEMPORARY PAVEMENT MARKING - LINE 4" (YELLOW)
- (D) TEMPORARY PAVEMENT MARKING - LINE 4" (SKIP DASH WHITE, 30' SKIP - 10' DASH)
- (E) TEMPORARY PAVEMENT MARKING - LINE 6" (SKIP DASH WHITE, 6' SKIP - 2' DASH)

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC PLAN
TYPICAL SECTIONS – STAGE 3C

SCALE: NONE | SHEET 8 OF 12 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	57
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

MODEL:
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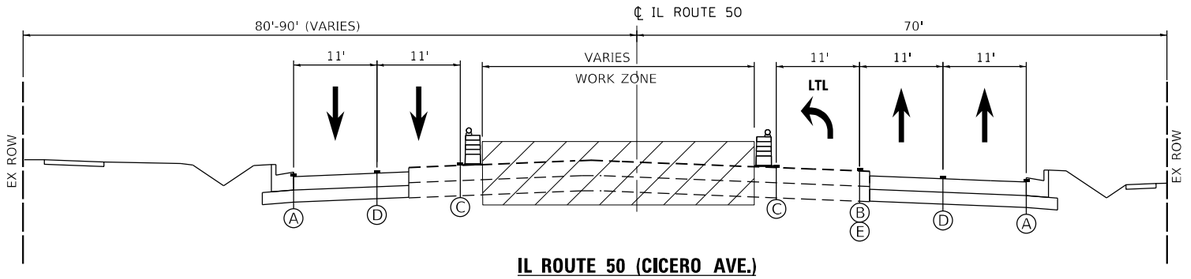
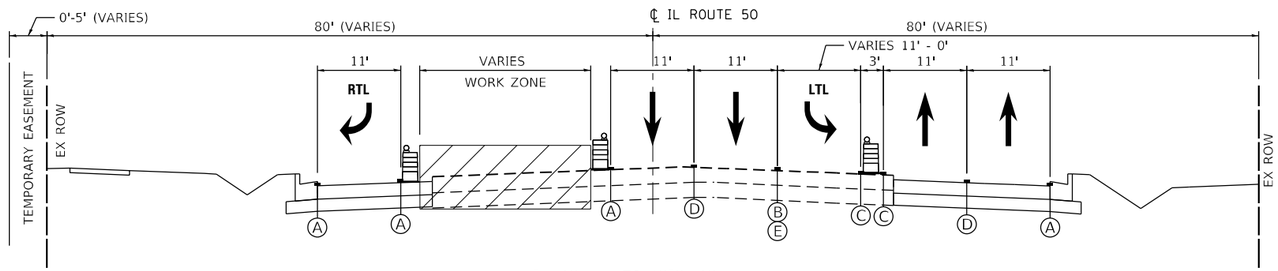


IL ROUTE 50 (CICERO AVE.)

STAGE 3C
STA. 71+11 TO 74+39



IL ROUTE 50 (CICERO AVE.)

STAGE 3C
STA. 75+58 TO STA. 80+35

LEGEND

- TYPE II BARRICADES OR DRUMS 50' C-C ON TANGENT, 20' C-C ON TAPERS AND 12' C-C ON RADII
- DIRECTION OF TRAVEL
- WORK ZONE
- (A) TEMPORARY PAVEMENT MARKING - LINE 4" (WHITE)
- (B) TEMPORARY PAVEMENT MARKING - LINE 6" (WHITE)
- (C) TEMPORARY PAVEMENT MARKING - LINE 4" (YELLOW)
- (D) TEMPORARY PAVEMENT MARKING - LINE 4" (SKIP DASH WHITE, 30' SKIP - 10' DASH)
- (E) TEMPORARY PAVEMENT MARKING - LINE 6" (SKIP DASH WHITE, 6' SKIP - 2' DASH)

MODEL:
FILE NAME: P:\040058 - IDOT\040058-02-001 (ENG) - IDOT PTB 188-014 US-30 at IL-50\Engineering\300 Drawings\502 CADD Sheets\D162G38-MOT XS Stage 3C IL 50.dgn

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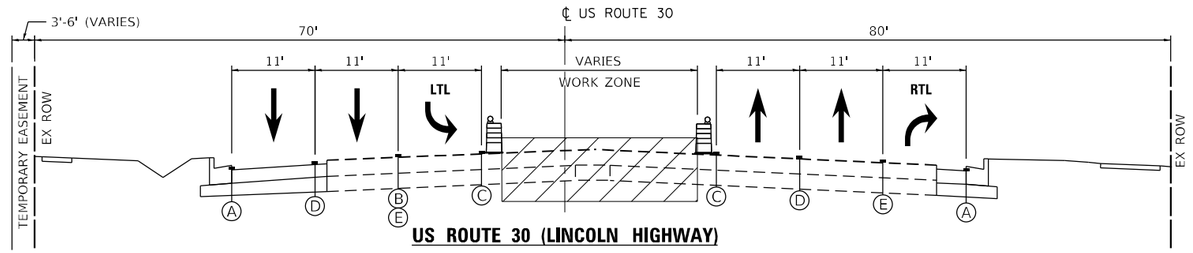
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC PLAN
TYPICAL SECTIONS – STAGE 3C

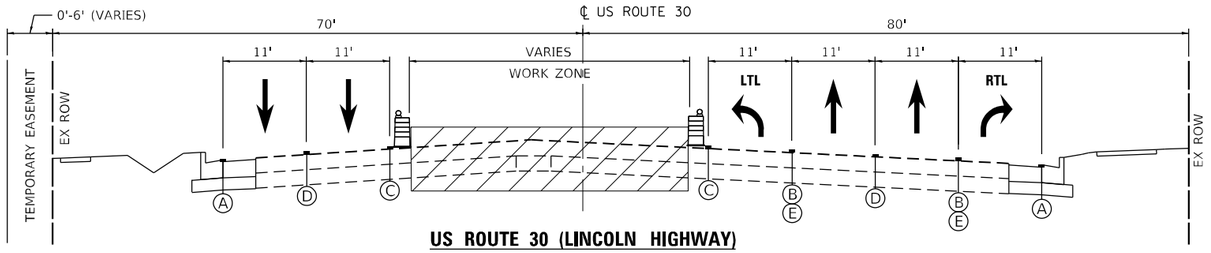
SCALE: NONE | SHEET 9 OF 12 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	58
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		



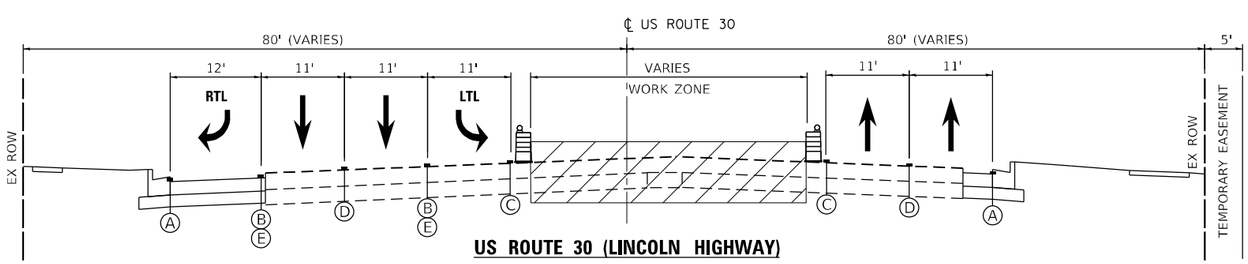
US ROUTE 30 (LINCOLN HIGHWAY)

STAGE 3D
STA. 28+46 TO 31+02



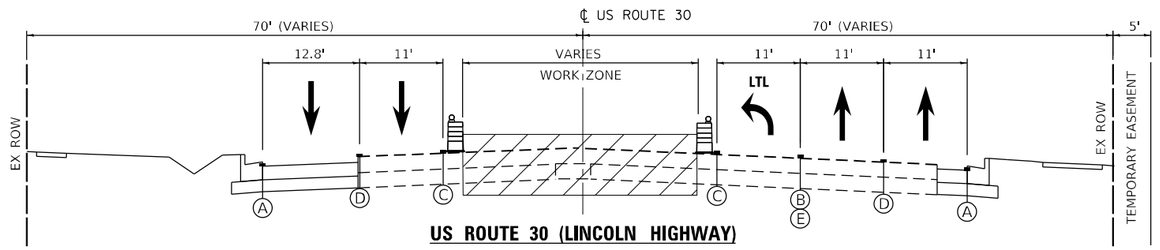
US ROUTE 30 (LINCOLN HIGHWAY)

STAGE 3D
STA. 31+02 TO 34+27



US ROUTE 30 (LINCOLN HIGHWAY)

STAGE 3D
STA. 35+52 TO 39+62



US ROUTE 30 (LINCOLN HIGHWAY)

STAGE 3D
STA. 39+62 TO 41+07

LEGEND

- TYPE II BARRICADES OR DRUMS 50' C-C ON TANGENT, 20' C-C ON TAPERS AND 12' C-C ON RADII
- DIRECTION OF TRAVEL
- WORK ZONE
- Ⓐ TEMPORARY PAVEMENT MARKING - LINE 4" (WHITE)
- Ⓑ TEMPORARY PAVEMENT MARKING - LINE 6" (WHITE)
- Ⓒ TEMPORARY PAVEMENT MARKING - LINE 4" (YELLOW)
- Ⓓ TEMPORARY PAVEMENT MARKING - LINE 4" (SKIP DASH WHITE, 30' SKIP - 10' DASH)
- Ⓔ TEMPORARY PAVEMENT MARKING - LINE 6" (SKIP DASH WHITE, 6' SKIP - 2' DASH)

MODEL:
FILE NAME: P:\040058 - IDOT\040058-02-001 (ENG) - IDOT PTB 188-014 US-30 at IL-50\Engineering\500 Drawings\502 CADD Sheets\D162G38-MOT XS Stage 3D (US 30).dgn

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STATE OF ILLINOIS
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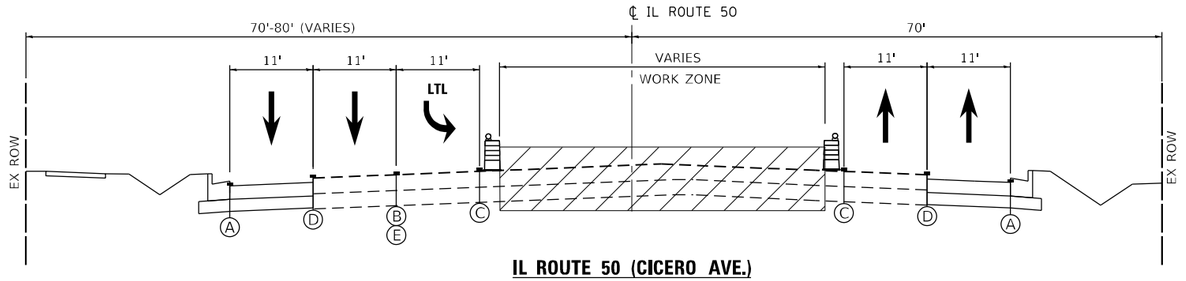
SUGGESTED MAINTENANCE OF TRAFFIC PLAN
TYPICAL SECTIONS – STAGE 3D

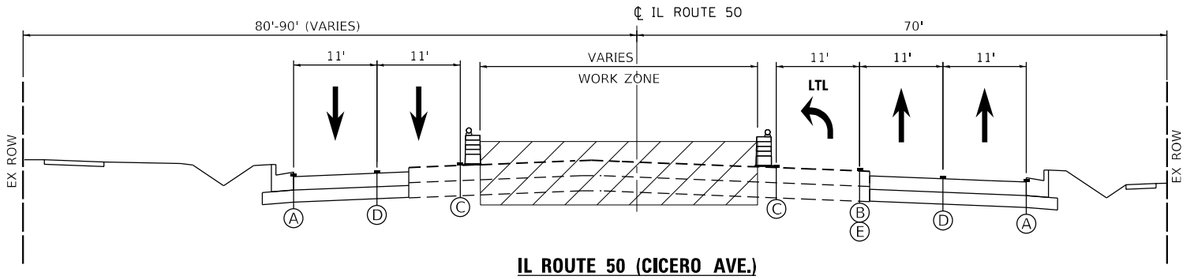
SCALE: NONE | SHEET 10 OF 12 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	59
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		



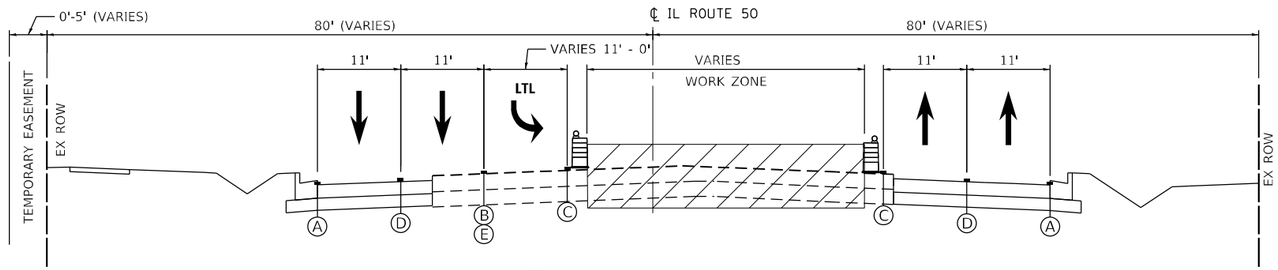
IL ROUTE 50 (CICERO AVE.)

STAGE 3D
STA. 67+65 TO STA. 71+11



IL ROUTE 50 (CICERO AVE.)

STAGE 3D
STA. 71+11 TO 74+39



IL ROUTE 50 (CICERO AVE.)

STAGE 3D
STA. 75+58 TO STA. 80+35

LEGEND

- TYPE II BARRICADES OR DRUMS 50' C-C ON TANGENT, 20' C-C ON TAPERS AND 12' C-C ON RADII
- DIRECTION OF TRAVEL
- WORK ZONE
- (A) TEMPORARY PAVEMENT MARKING - LINE 4" (WHITE)
- (B) TEMPORARY PAVEMENT MARKING - LINE 6" (WHITE)
- (C) TEMPORARY PAVEMENT MARKING - LINE 4" (YELLOW)
- (D) TEMPORARY PAVEMENT MARKING - LINE 4" (SKIP DASH WHITE, 30' SKIP - 10' DASH)
- (E) TEMPORARY PAVEMENT MARKING - LINE 6" (SKIP DASH WHITE, 6' SKIP - 2' DASH)

MODEL:
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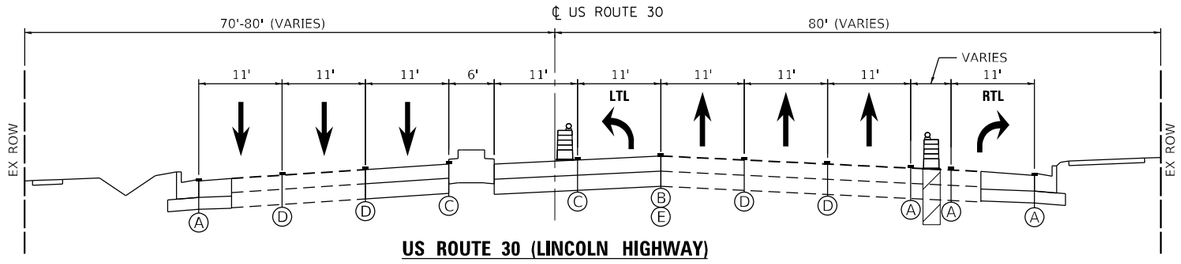
SUGGESTED MAINTENANCE OF TRAFFIC PLAN
TYPICAL SECTIONS – STAGE 3D

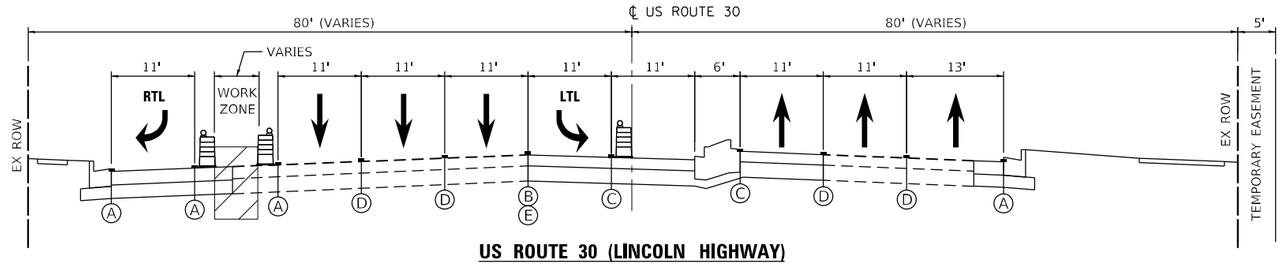
SCALE: NONE | SHEET 11 OF 12 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	60
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		



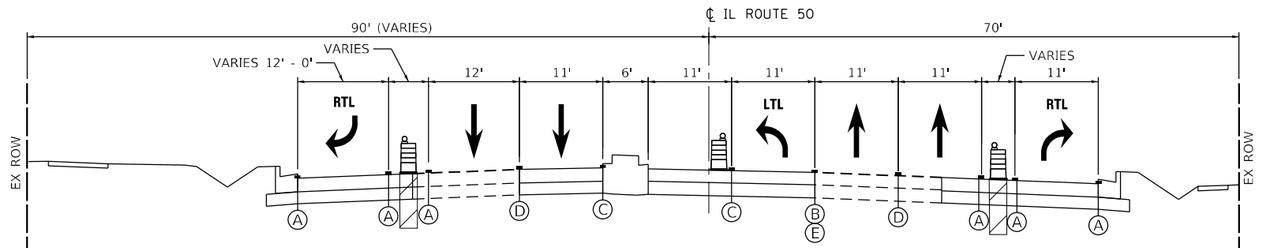
US ROUTE 30 (LINCOLN HIGHWAY)

STAGE 4
STA. 32+00 TO 34+26



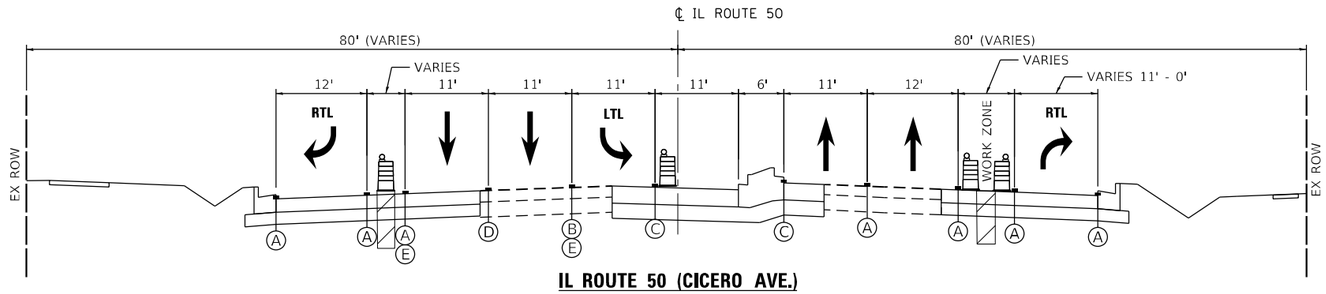
US ROUTE 30 (LINCOLN HIGHWAY)

STAGE 4
STA. 35+73 TO 38+72



IL ROUTE 50 (CICERO AVE.)

STAGE 4
STA. 71+00 TO 74+25



IL ROUTE 50 (CICERO AVE.)

STAGE 4
STA. 75+74 TO STA. 78+50

LEGEND

- TYPE II BARRICADES OR DRUMS 50' C-C ON TANGENT, 20' C-C ON TAPERS AND 12' C-C ON RADII
- DIRECTION OF TRAVEL
- WORK ZONE
- (A) TEMPORARY PAVEMENT MARKING - LINE 4" (WHITE)
- (B) TEMPORARY PAVEMENT MARKING - LINE 6" (WHITE)
- (C) TEMPORARY PAVEMENT MARKING - LINE 4" (YELLOW)
- (D) TEMPORARY PAVEMENT MARKING - LINE 4" (SKIP DASH WHITE, 30' SKIP - 10' DASH)
- (E) TEMPORARY PAVEMENT MARKING - LINE 6" (SKIP DASH WHITE, 6' SKIP - 2' DASH)

MODEL:
FILE NAME: P:\0400658 - IDOT\0400658-02-001 (ENG) - IDOT PTB 188-014 US-30 at IL-50\Engineering\500 Drawings\502 CADD Sheets\D1620G38-HOT XS Stage 4.dgn

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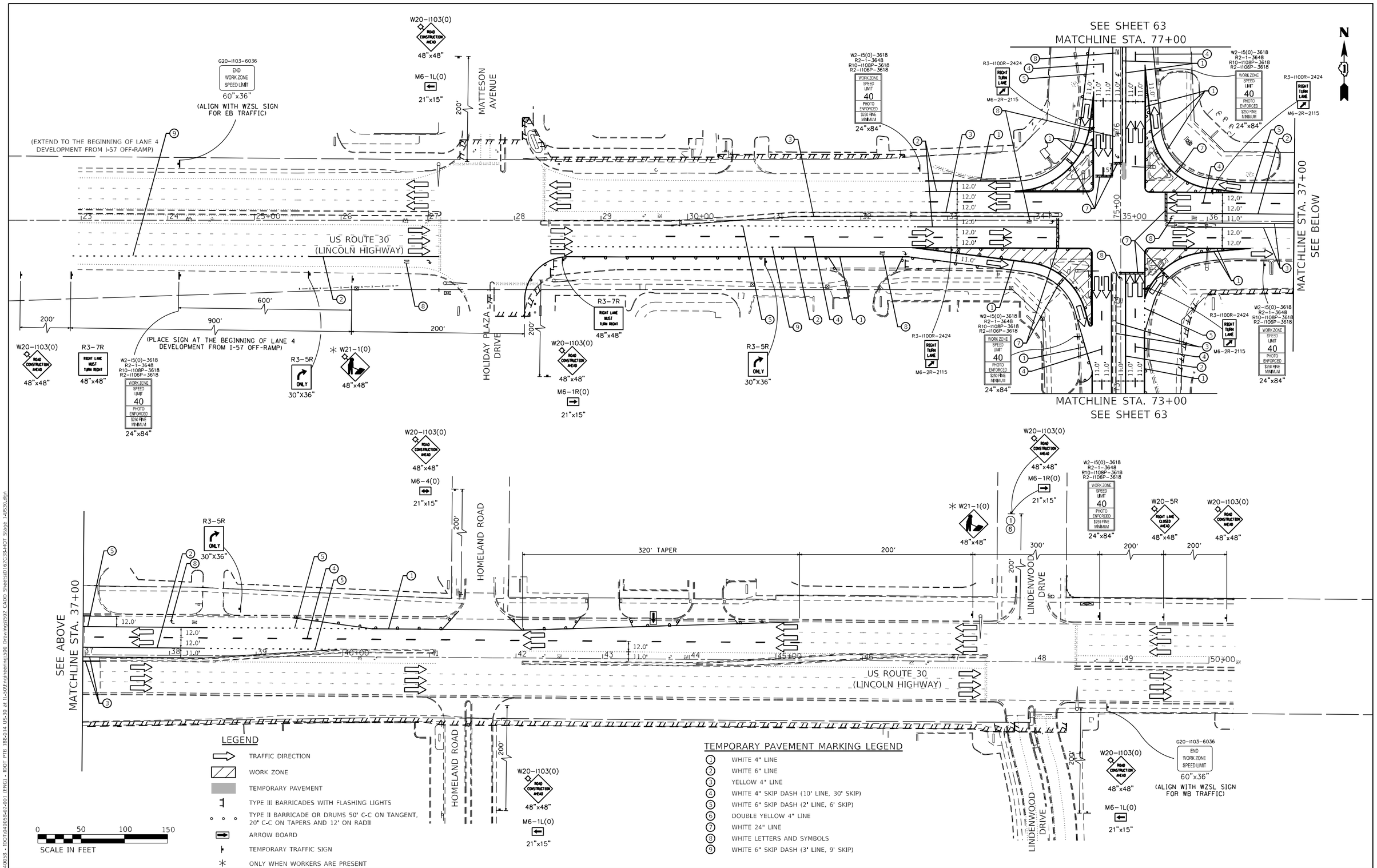
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC PLAN
TYPICAL SECTIONS – STAGE 4

SCALE: NONE | SHEET 12 OF 12 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	61
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		



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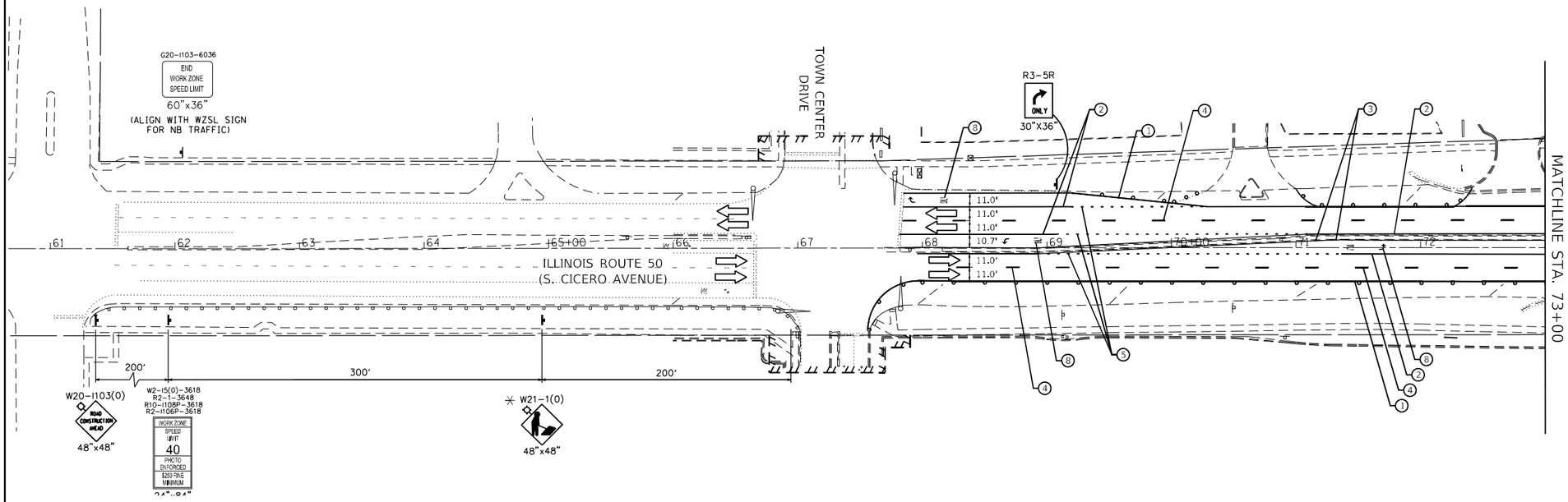
PLOT DATE = 3/20/2023	DATE - 03-21-2023	REVISED -	

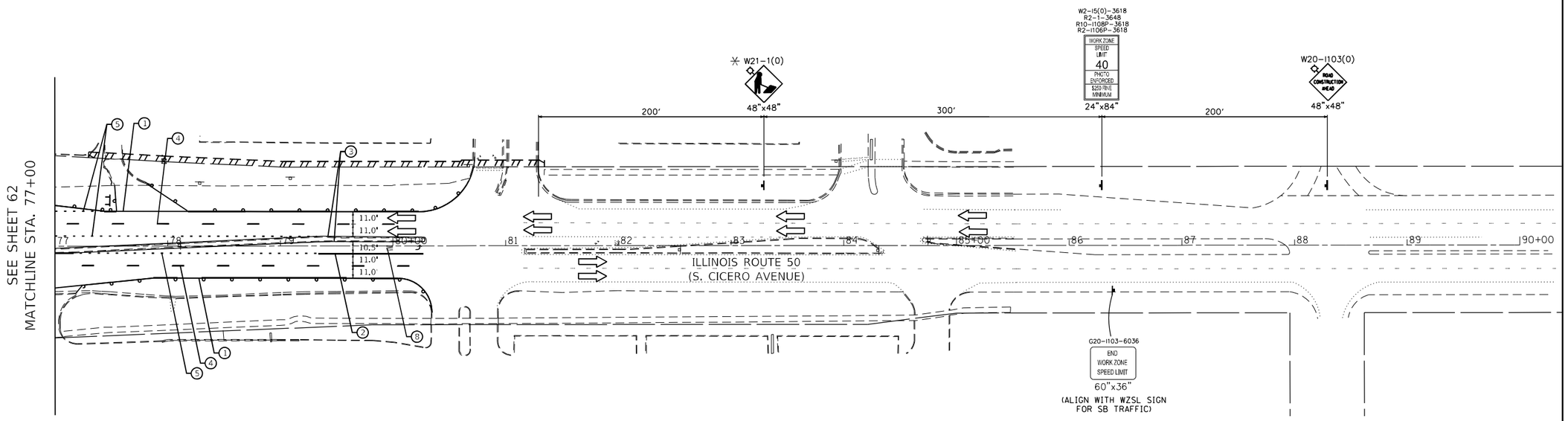
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC PLAN
STAGE 1 – US ROUTE 30 (LINCOLN HIGHWAY)

SCALE: 1" = 50' | SHEET 1 OF 16 SHEETS | STA. 23+00 TO STA.50+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	62
		CONTRACT NO. 62G38		
		ILLINOIS	FED. AID PROJECT	





LEGEND

- TRAFFIC DIRECTION
- WORK ZONE
- TEMPORARY PAVEMENT
- TYPE III BARRICADES WITH FLASHING LIGHTS
- TYPE II BARRICADE OR DRUMS 50' C-C ON TANGENT, 20' C-C ON TAPERS AND 12' ON RADII
- ARROW BOARD
- TEMPORARY TRAFFIC SIGN
- ONLY WHEN WORKERS ARE PRESENT

TEMPORARY PAVEMENT MARKING LEGEND

1. WHITE 4" LINE
2. WHITE 6" LINE
3. YELLOW 4" LINE
4. WHITE 4" SKIP DASH (10' LINE, 30' SKIP)
5. WHITE 6" SKIP DASH (2' LINE, 6' SKIP)
6. DOUBLE YELLOW 4" LINE
7. WHITE 24" LINE
8. WHITE LETTERS AND SYMBOLS
9. WHITE 6" SKIP DASH (3' LINE, 9' SKIP)

0 50 100 150
SCALE IN FEET

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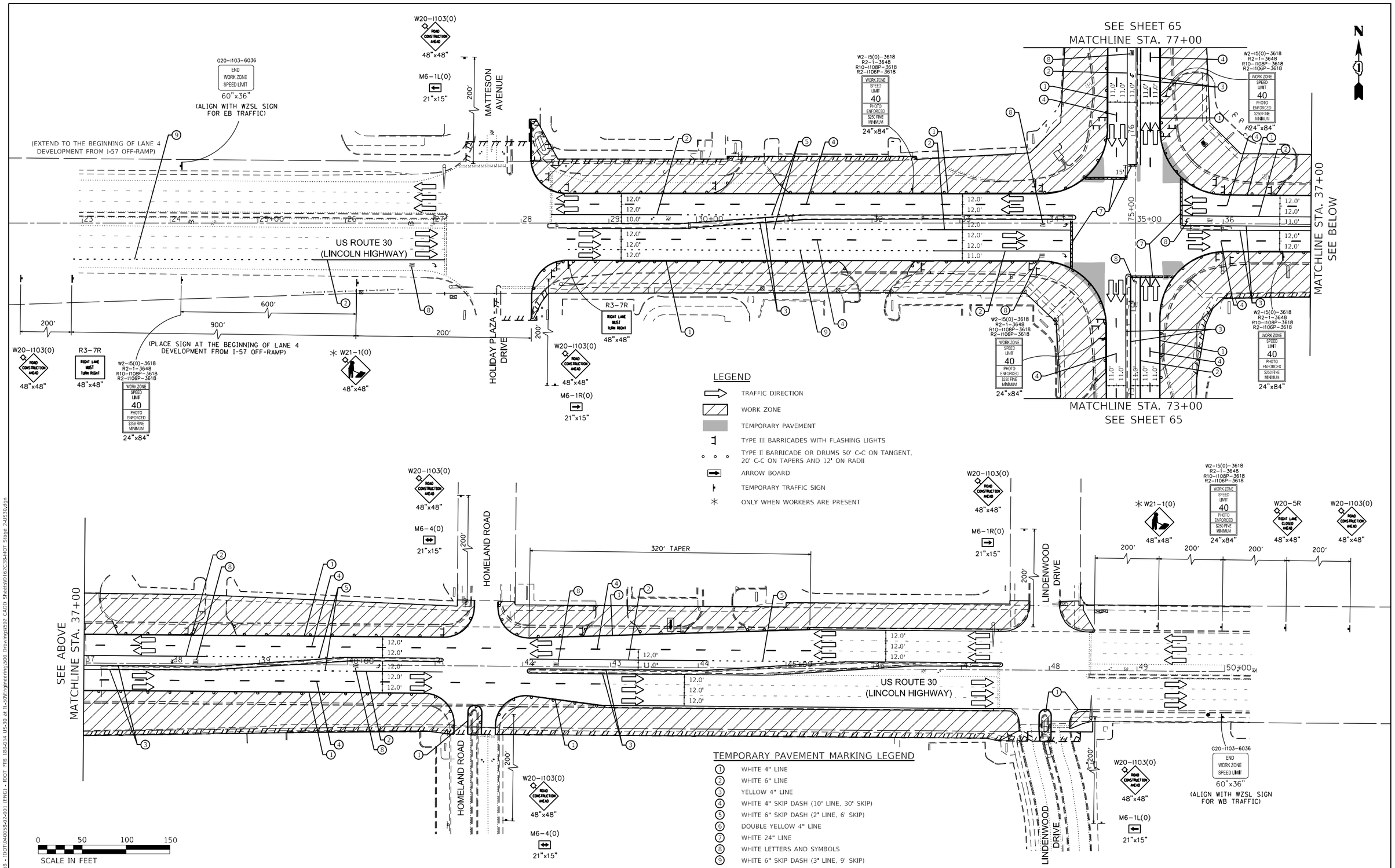
PLOT DATE = 3/20/2023	DATE - 03-21-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC PLAN
STAGE 1 – IL ROUTE 50 (CICERO AVENUE)

SCALE: 1" = 50' | SHEET 2 OF 16 SHEETS | STA. 66+00 TO STA.85+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	63
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		



LEGEND

- TRAFFIC DIRECTION
- WORK ZONE
- TEMPORARY PAVEMENT
- TYPE III BARRICADES WITH FLASHING LIGHTS
- TYPE II BARRICADE OR DRUMS 50' C-C ON TANGENT, 20' C-C ON TAPERS AND 12' ON RADII
- ARROW BOARD
- TEMPORARY TRAFFIC SIGN
- ONLY WHEN WORKERS ARE PRESENT

TEMPORARY PAVEMENT MARKING LEGEND

1. WHITE 4" LINE
2. WHITE 6" LINE
3. YELLOW 4" LINE
4. WHITE 4" SKIP DASH (10' LINE, 30' SKIP)
5. WHITE 6" SKIP DASH (2' LINE, 6' SKIP)
6. DOUBLE YELLOW 4" LINE
7. WHITE 24" LINE
8. WHITE LETTERS AND SYMBOLS
9. WHITE 6" SKIP DASH (3' LINE, 9' SKIP)

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SUGGESTED MAINTENANCE OF TRAFFIC PLAN
STAGE 2A – US ROUTE 30 (LINCOLN HIGHWAY)

SCALE: 1" = 50' | SHEET 3 OF 16 SHEETS | STA. 23+00 | TO STA.50+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	64
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

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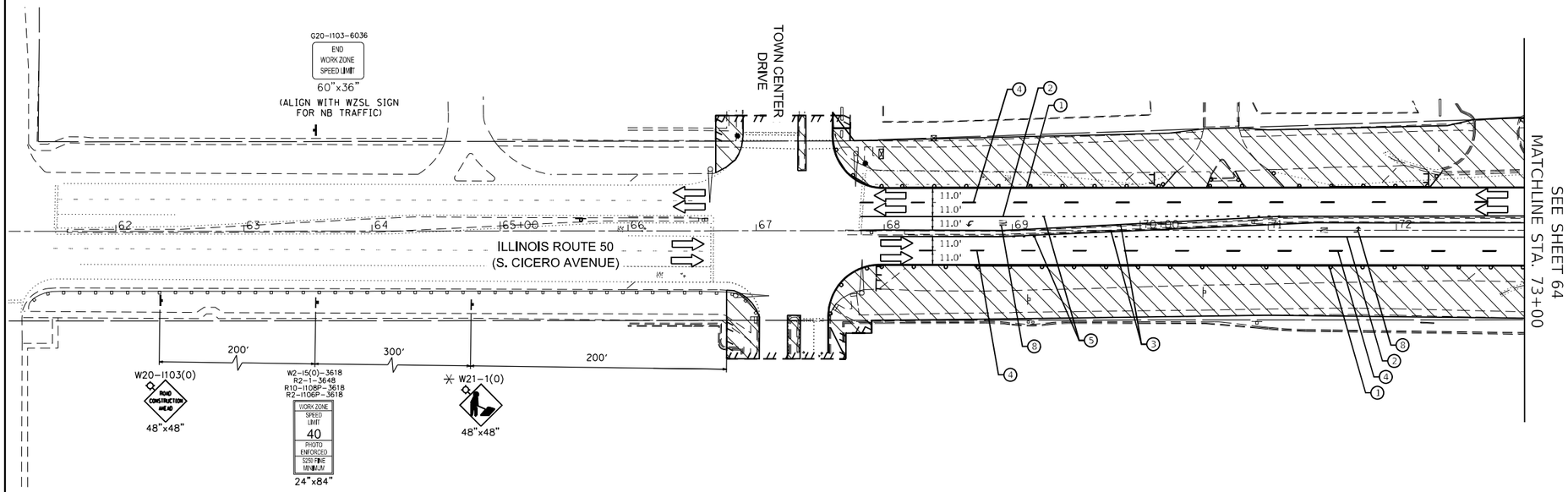

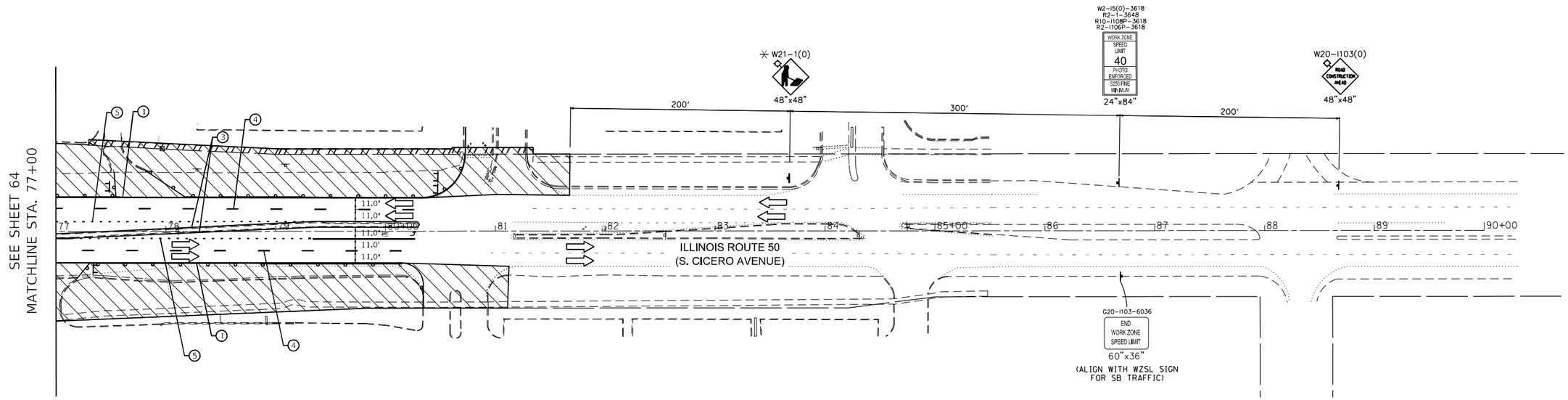

LEGEND

- TRAFFIC DIRECTION
- WORK ZONE
- TEMPORARY PAVEMENT
- TYPE III BARRICADES WITH FLASHING LIGHTS
- TYPE II BARRICADE OR DRUMS 50' C-C ON TANGENT, 20' C-C ON TAPERS AND 12' ON RADII
- ARROW BOARD
- TEMPORARY TRAFFIC SIGN
- ONLY WHEN WORKERS ARE PRESENT

TEMPORARY PAVEMENT MARKING LEGEND

1. WHITE 4" LINE
2. WHITE 6" LINE
3. YELLOW 4" LINE
4. WHITE 4" SKIP DASH (10' LINE, 30' SKIP)
5. WHITE 6" SKIP DASH (2' LINE, 6' SKIP)
6. DOUBLE YELLOW 4" LINE
7. WHITE 24" LINE
8. WHITE LETTERS AND SYMBOLS
9. WHITE 6" SKIP DASH (3' LINE, 9' SKIP)

0 50 100 150
SCALE IN FEET

MODEL:
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STATE OF ILLINOIS
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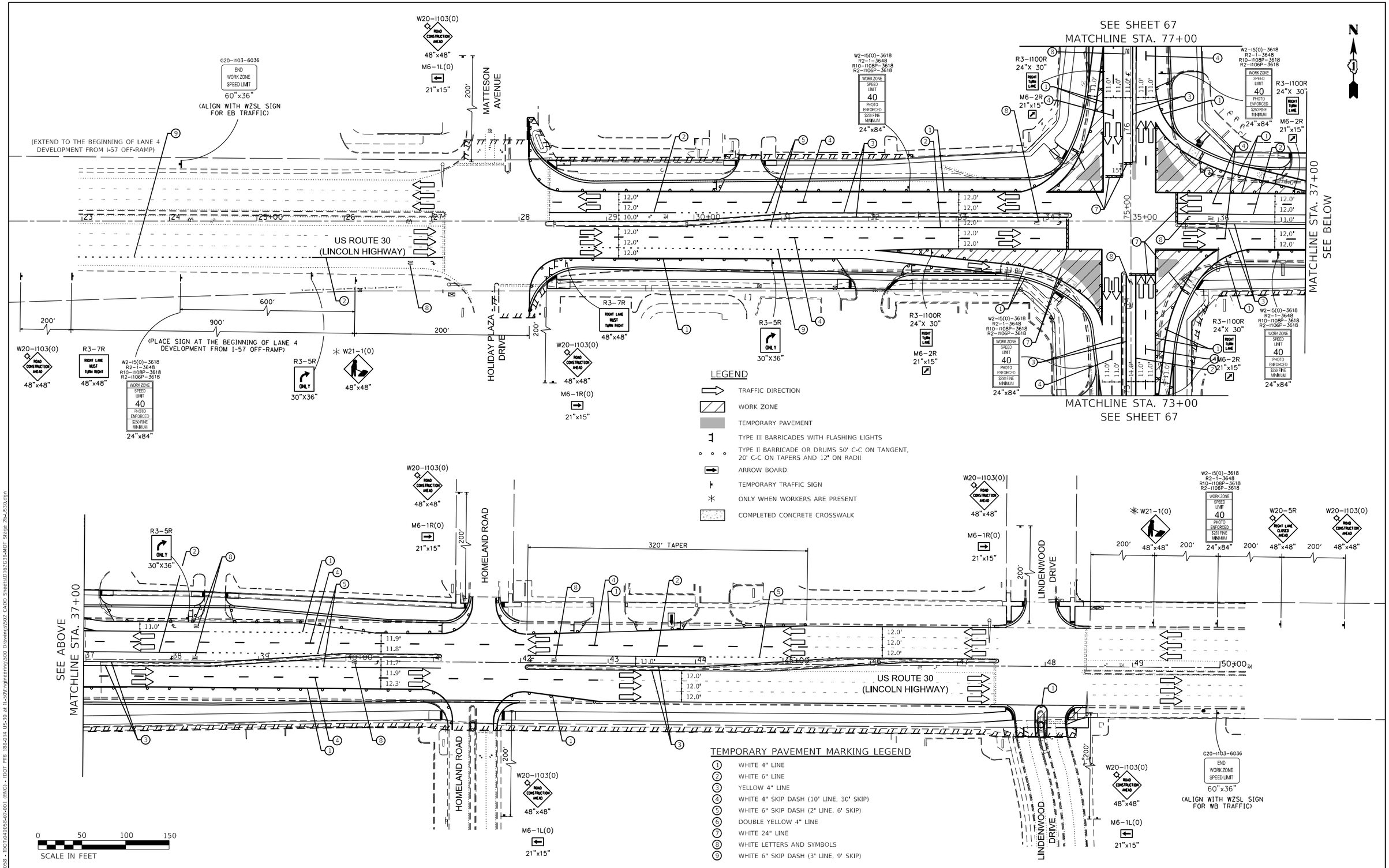
SUGGESTED MAINTENANCE OF TRAFFIC PLAN
STAGE 2A – IL ROUTE 50 (CICERO AVENUE)

SCALE: 1" = 50' | SHEET 4 OF 16 SHEETS | STA. 66+00 TO STA.85+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	65
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		



LEGEND

- TRAFFIC DIRECTION
- WORK ZONE
- TEMPORARY PAVEMENT
- TYPE III BARRICADES WITH FLASHING LIGHTS
- TYPE II BARRICADE OR DRUMS 50' C-C ON TANGENT, 20' C-C ON TAPERS AND 12' ON RADII
- ARROW BOARD
- TEMPORARY TRAFFIC SIGN
- ONLY WHEN WORKERS ARE PRESENT
- COMPLETED CONCRETE CROSSWALK

TEMPORARY PAVEMENT MARKING LEGEND

1. WHITE 4" LINE
2. WHITE 6" LINE
3. YELLOW 4" LINE
4. WHITE 4" SKIP DASH (10' LINE, 30' SKIP)
5. WHITE 6" SKIP DASH (2' LINE, 6' SKIP)
6. DOUBLE YELLOW 4" LINE
7. WHITE 24" LINE
8. WHITE LETTERS AND SYMBOLS
9. WHITE 6" SKIP DASH (3' LINE, 9' SKIP)

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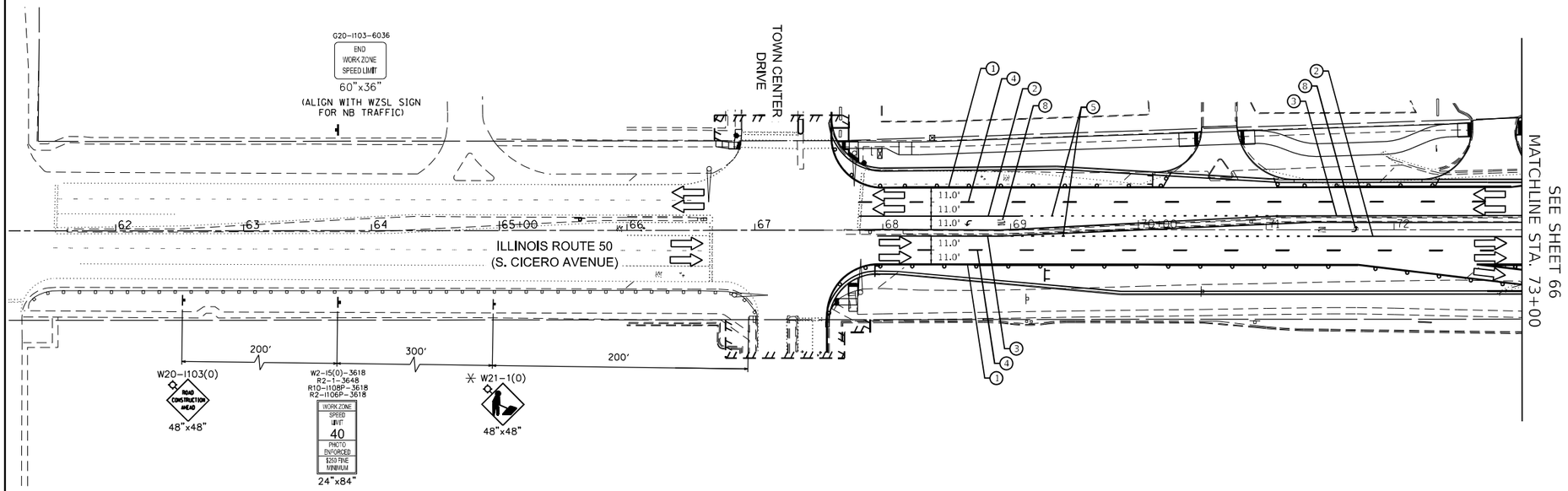
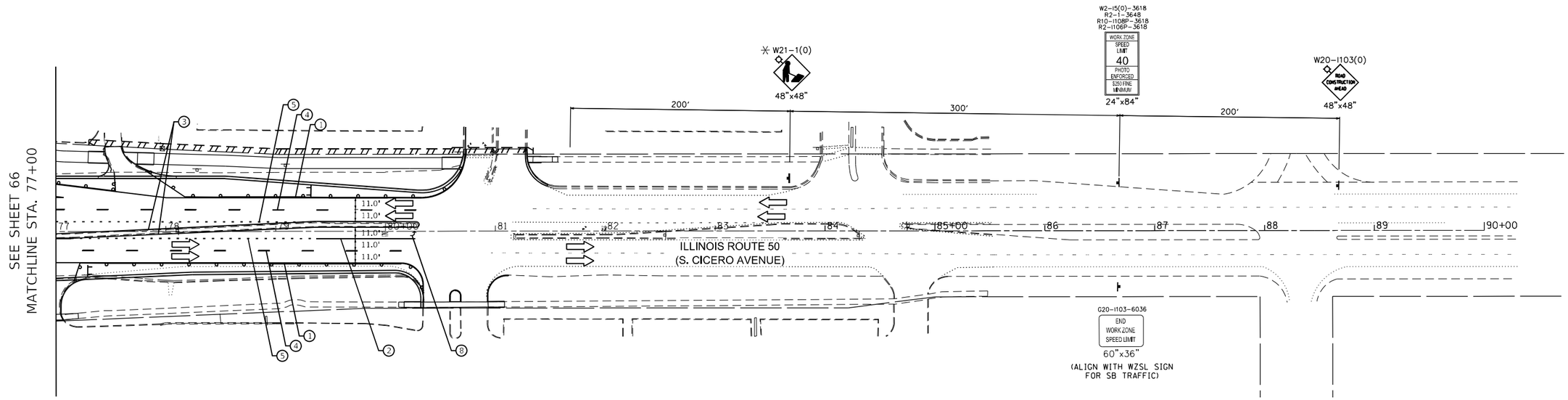
SUGGESTED MAINTENANCE OF TRAFFIC PLAN
STAGE 2B – US ROUTE 30 (LINCOLN HIGHWAY)

SCALE: 1" = 50' | SHEET 5 OF 16 SHEETS | STA. 23+00 TO STA.50+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	66
		CONTRACT NO. 62G38		
		ILLINOIS	FED. AID PROJECT	





0 50 100 150
SCALE IN FEET

LEGEND

- TRAFFIC DIRECTION
- WORK ZONE
- TEMPORARY PAVEMENT
- TYPE III BARRICADES WITH FLASHING LIGHTS
- TYPE II BARRICADE OR DRUMS 50' C-C ON TANGENT, 20' C-C ON TAPERS AND 12' ON RADII
- ARROW BOARD
- TEMPORARY TRAFFIC SIGN
- ONLY WHEN WORKERS ARE PRESENT

TEMPORARY PAVEMENT MARKING LEGEND

1. WHITE 4" LINE
2. WHITE 6" LINE
3. YELLOW 4" LINE
4. WHITE 4" SKIP DASH (10' LINE, 30' SKIP)
5. WHITE 6" SKIP DASH (2' LINE, 6' SKIP)
6. DOUBLE YELLOW 4" LINE
7. WHITE 24" LINE
8. WHITE LETTERS AND SYMBOLS
9. WHITE 6" SKIP DASH (3' LINE, 9' SKIP)

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PLOT DATE = 3/20/2023	DATE - 03-21-2023	REVISED -	

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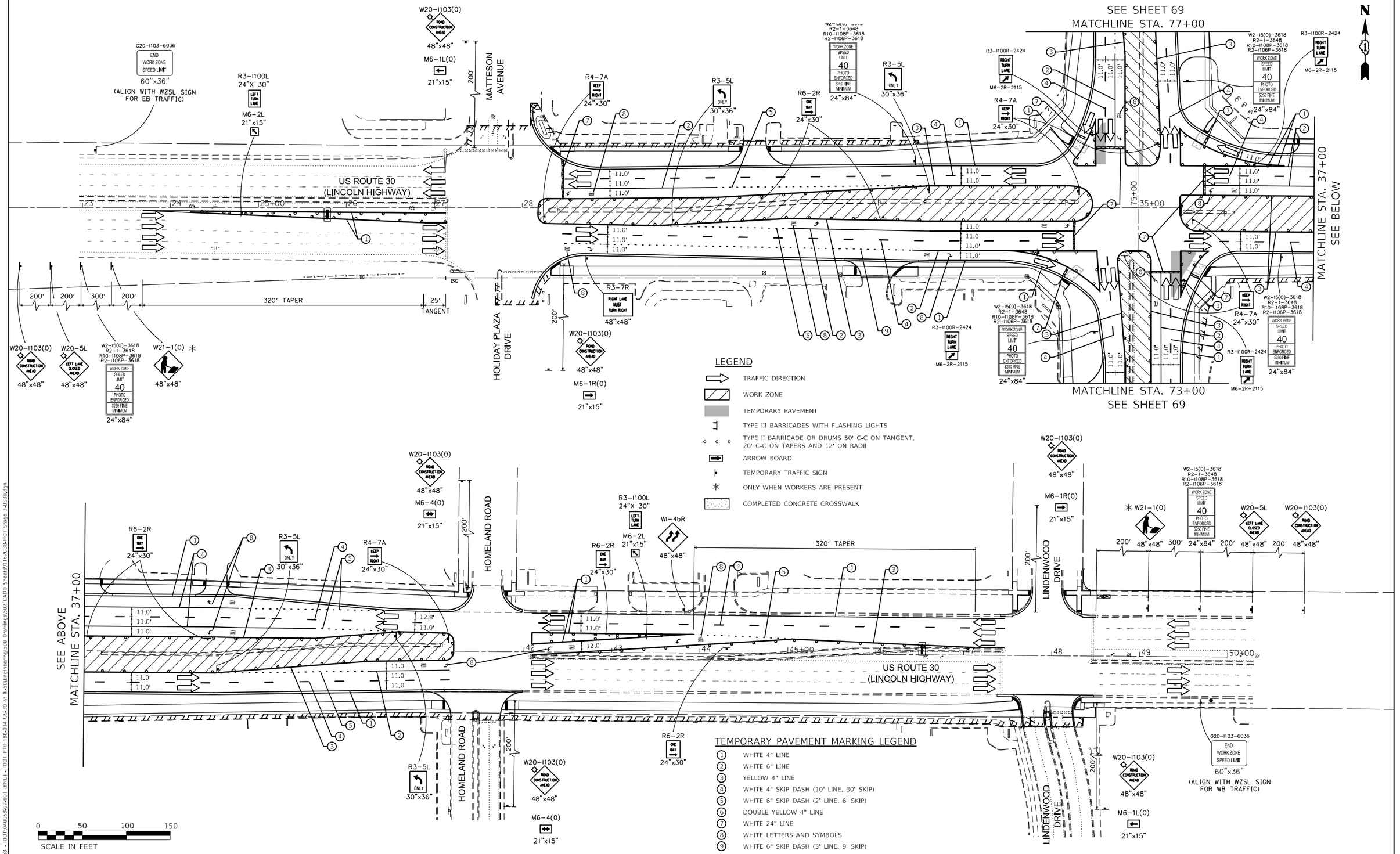
SUGGESTED MAINTENANCE OF TRAFFIC PLAN
STAGE 2B – IL ROUTE 50 (CICERO AVENUE)

SCALE: 1" = 50' | SHEET 6 OF 16 SHEETS | STA. 66+00 TO STA.85+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	67
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		



LEGEND

- TRAFFIC DIRECTION
- WORK ZONE
- TEMPORARY PAVEMENT
- TYPE III BARRICADES WITH FLASHING LIGHTS
- TYPE II BARRICADE OR DRUMS 50' C-C ON TANGENT, 20' C-C ON TAPERS AND 12' ON RADII
- ARROW BOARD
- TEMPORARY TRAFFIC SIGN
- ONLY WHEN WORKERS ARE PRESENT
- COMPLETED CONCRETE CROSSWALK

TEMPORARY PAVEMENT MARKING LEGEND

1. WHITE 4" LINE
2. WHITE 6" LINE
3. YELLOW 4" LINE
4. WHITE 4" SKIP DASH (10' LINE, 30' SKIP)
5. WHITE 6" SKIP DASH (2' LINE, 6' SKIP)
6. DOUBLE YELLOW 4" LINE
7. WHITE 24" LINE
8. WHITE LETTERS AND SYMBOLS
9. WHITE 6" SKIP DASH (3' LINE, 9' SKIP)

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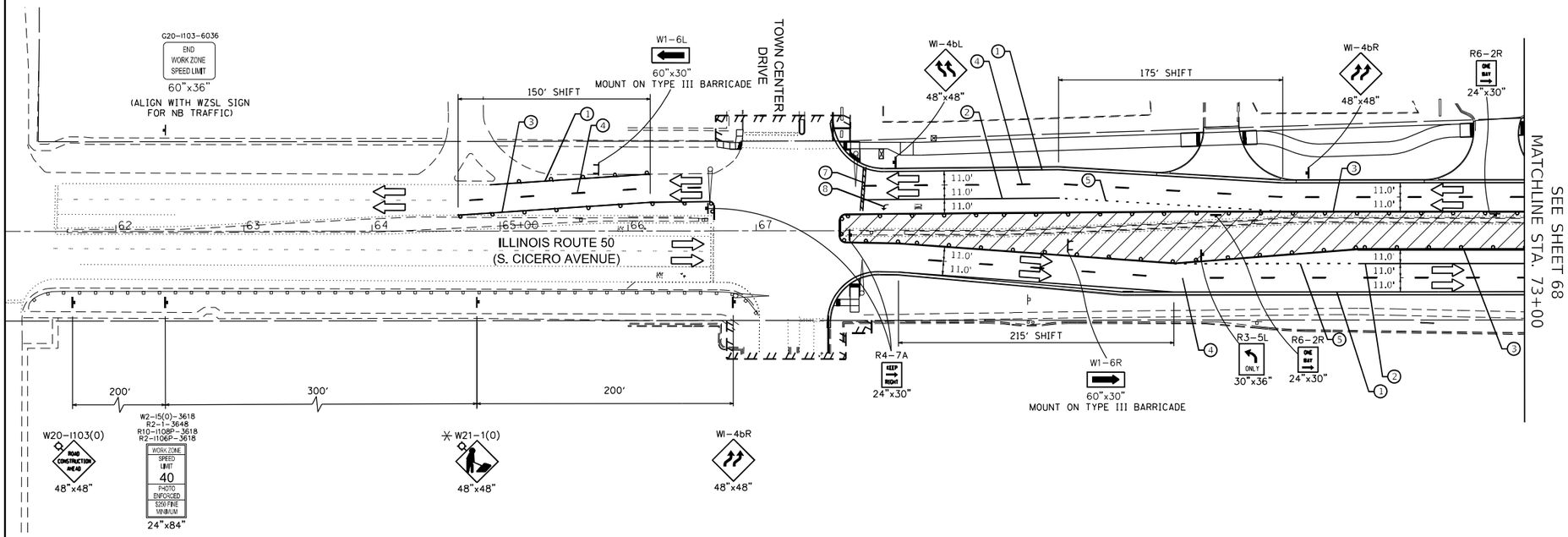
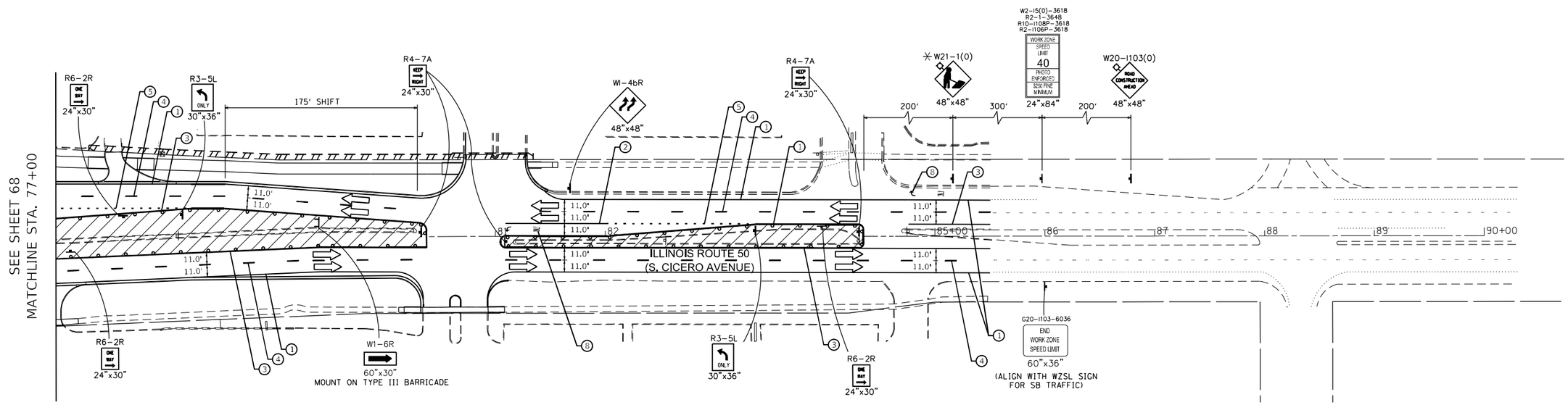
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC PLAN
STAGE 3A – US ROUTE 30 (LINCOLN HIGHWAY)

SCALE: 1" = 50' | SHEET 7 OF 16 SHEETS | STA. 23+00 TO STA.50+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	68
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		





0 50 100 150
SCALE IN FEET

LEGEND

- TRAFFIC DIRECTION
- WORK ZONE
- TEMPORARY PAVEMENT
- TYPE III BARRICADES WITH FLASHING LIGHTS
- TYPE II BARRICADE OR DRUMS 50' C-C ON TANGENT, 20' C-C ON TAPERS AND 12' ON RADII
- ARROW BOARD
- TEMPORARY TRAFFIC SIGN
- ONLY WHEN WORKERS ARE PRESENT

TEMPORARY PAVEMENT MARKING LEGEND

1. WHITE 4" LINE
2. WHITE 6" LINE
3. YELLOW 4" LINE
4. WHITE 4" SKIP DASH (10' LINE, 30' SKIP)
5. WHITE 6" SKIP DASH (2' LINE, 6' SKIP)
6. DOUBLE YELLOW 4" LINE
7. WHITE 24" LINE
8. WHITE LETTERS AND SYMBOLS
9. WHITE 6" SKIP DASH (3' LINE, 9' SKIP)

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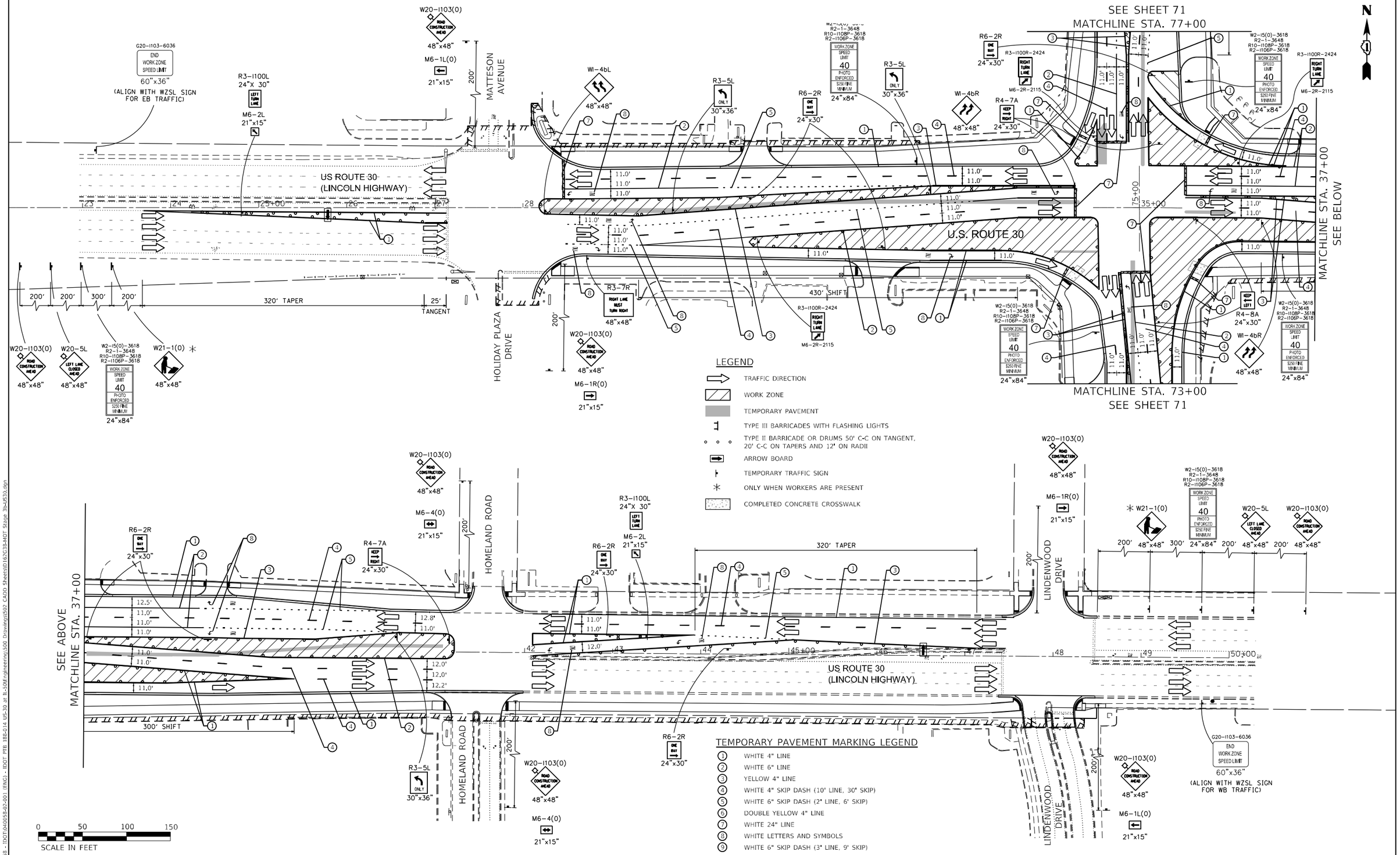
SUGGESTED MAINTENANCE OF TRAFFIC PLAN
STAGE 3A – IL ROUTE 50 (CICERO AVENUE)

SCALE: 1" = 50' | SHEET 8 OF 16 SHEETS | STA. 66+00 TO STA.85+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	69
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		



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PLOT DATE = 3/20/2023	DATE - 03-21-2023	REVISED -	

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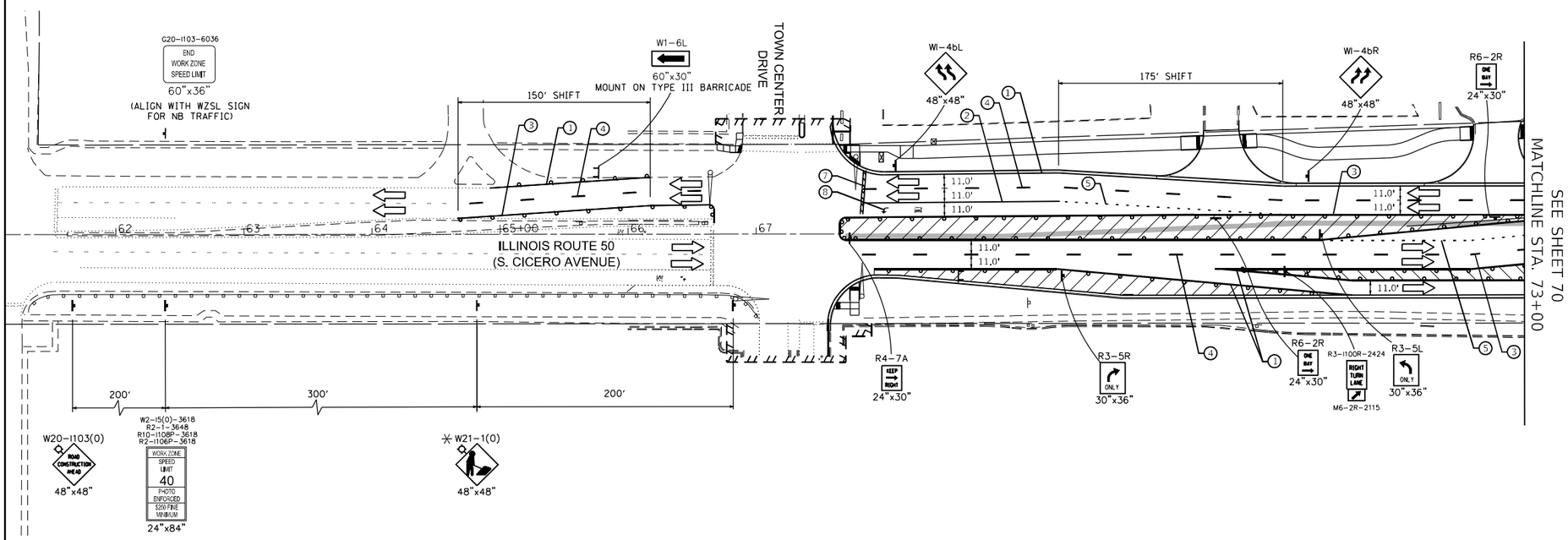
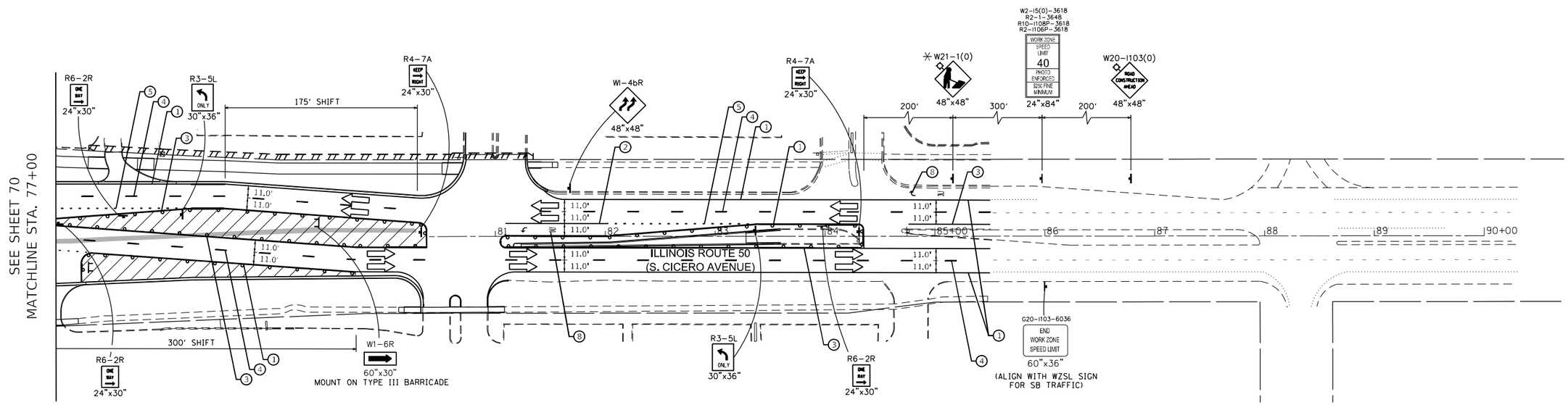
SUGGESTED MAINTENANCE OF TRAFFIC PLAN
STAGE 3B – US ROUTE 30 (LINCOLN HIGHWAY)

SCALE: 1" = 50' | SHEET 9 OF 16 SHEETS | STA. 23+00 TO STA.50+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	70
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		





LEGEND

- TRAFFIC DIRECTION
- WORK ZONE
- TEMPORARY PAVEMENT
- TYPE III BARRICADES WITH FLASHING LIGHTS
- TYPE II BARRICADE OR DRUMS 50' C-C ON TANGENT, 20' C-C ON TAPERS AND 12' ON RADII
- ARROW BOARD
- TEMPORARY TRAFFIC SIGN
- ONLY WHEN WORKERS ARE PRESENT

TEMPORARY PAVEMENT MARKING LEGEND

1. WHITE 4" LINE
2. WHITE 6" LINE
3. YELLOW 4" LINE
4. WHITE 4" SKIP DASH (10' LINE, 30' SKIP)
5. WHITE 6" SKIP DASH (2' LINE, 6' SKIP)
6. DOUBLE YELLOW 4" LINE
7. WHITE 24" LINE
8. WHITE LETTERS AND SYMBOLS
9. WHITE 6" SKIP DASH (3' LINE, 9' SKIP)

0 50 100 150
SCALE IN FEET

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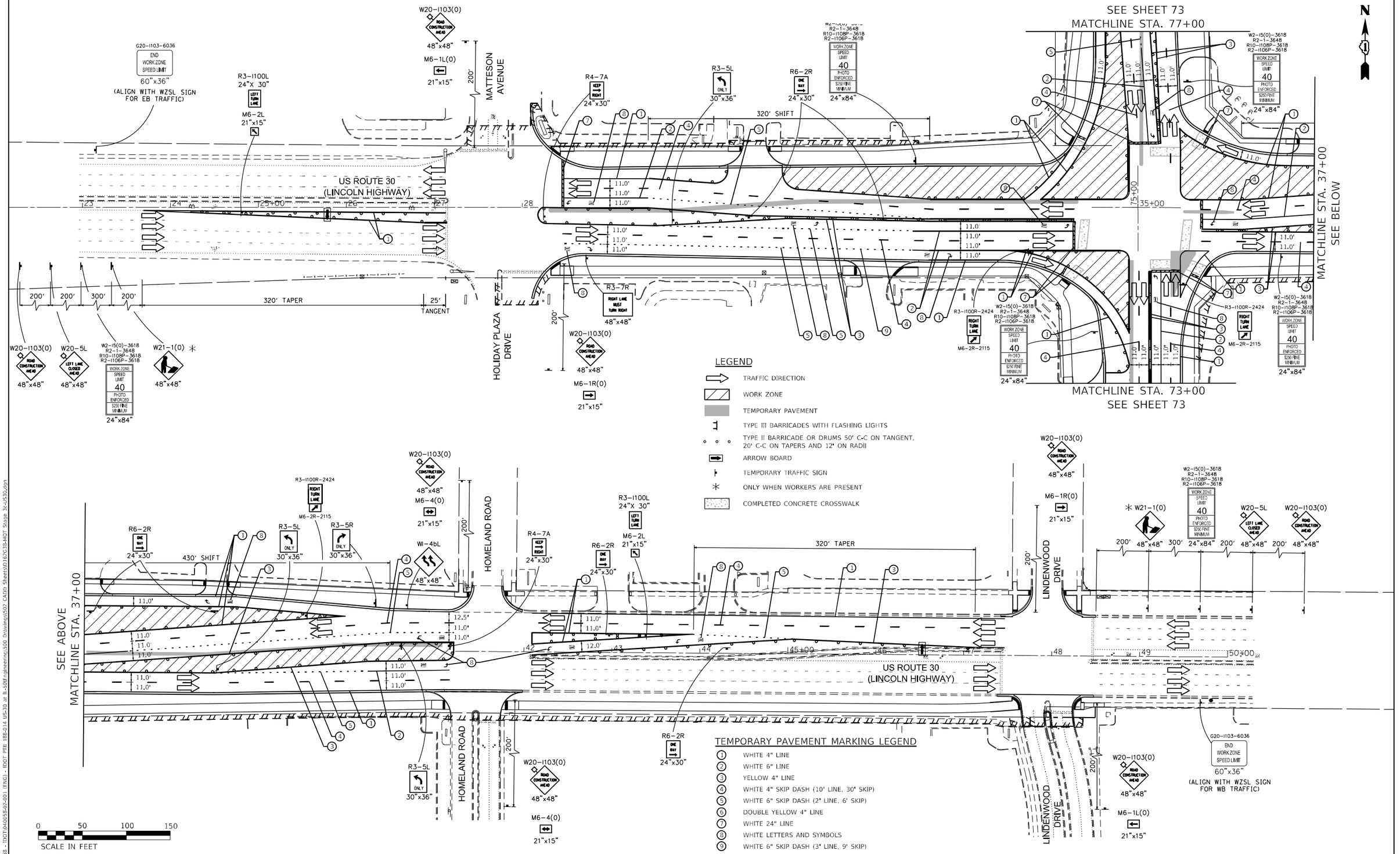
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC PLAN
STAGE 3B – IL ROUTE 50 (CICERO AVENUE)

SCALE: 1" = 50' | SHEET 10 OF 16 SHEETS | STA. 66+00 TO STA.85+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	71
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		



LEGEND

- TRAFFIC DIRECTION
- WORK ZONE
- TEMPORARY PAVEMENT
- TYPE III BARRICADES WITH FLASHING LIGHTS
- TYPE II BARRICADE OR DRUMS 50' C-C ON TANGENT, 20' C-C ON TAPERS AND 12' ON RADII
- ARROW BOARD
- TEMPORARY TRAFFIC SIGN
- ONLY WHEN WORKERS ARE PRESENT
- COMPLETED CONCRETE CROSSWALK

TEMPORARY PAVEMENT MARKING LEGEND

1. WHITE 4" LINE
2. WHITE 6" LINE
3. YELLOW 4" LINE
4. WHITE 4" SKIP DASH (10' LINE, 30' SKIP)
5. WHITE 6" SKIP DASH (2' LINE, 6' SKIP)
6. DOUBLE YELLOW 4" LINE
7. WHITE 24" LINE
8. WHITE LETTERS AND SYMBOLS
9. WHITE 6" SKIP DASH (3' LINE, 9' SKIP)

MODEL:
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311 S. Wacker Drive, Suite 1950
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312-913-0260
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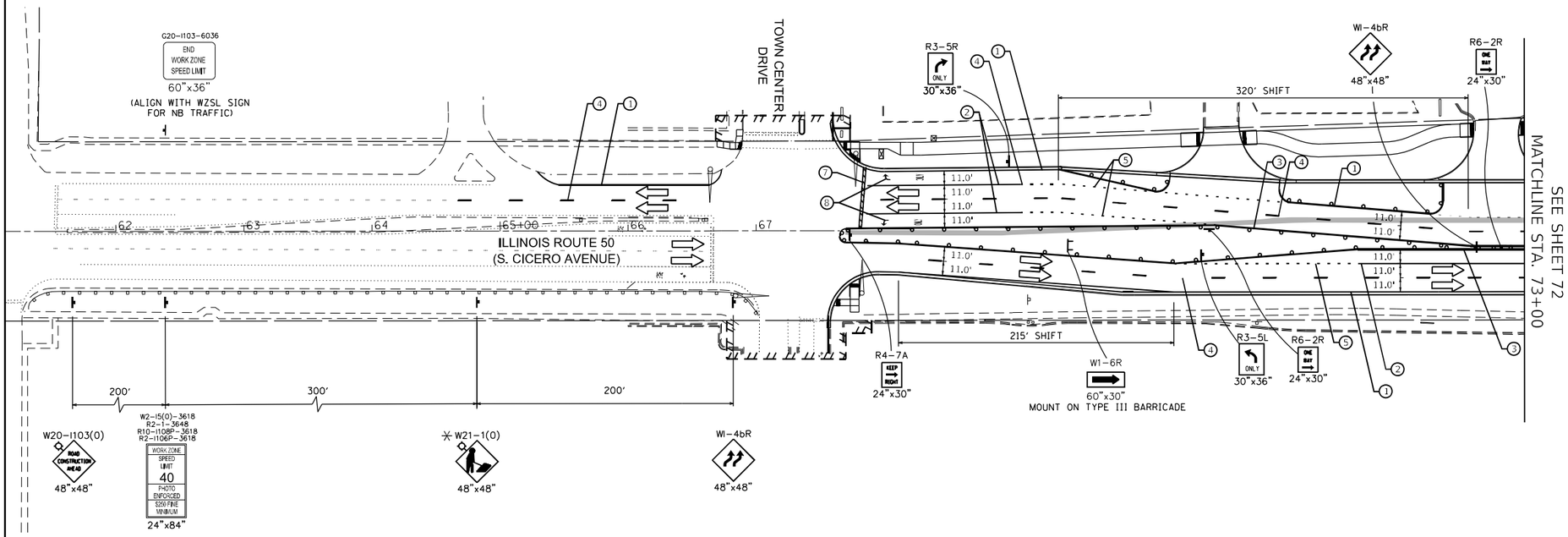
USER NAME = jdizenzo	DESIGNED - JM	REVISED -	
	DRAWN - JRD	REVISED -	
PLOT SCALE = 1:100	CHECKED - MJT	REVISED -	
PLOT DATE = 3/20/2023	DATE - 03-21-2023	REVISED -	

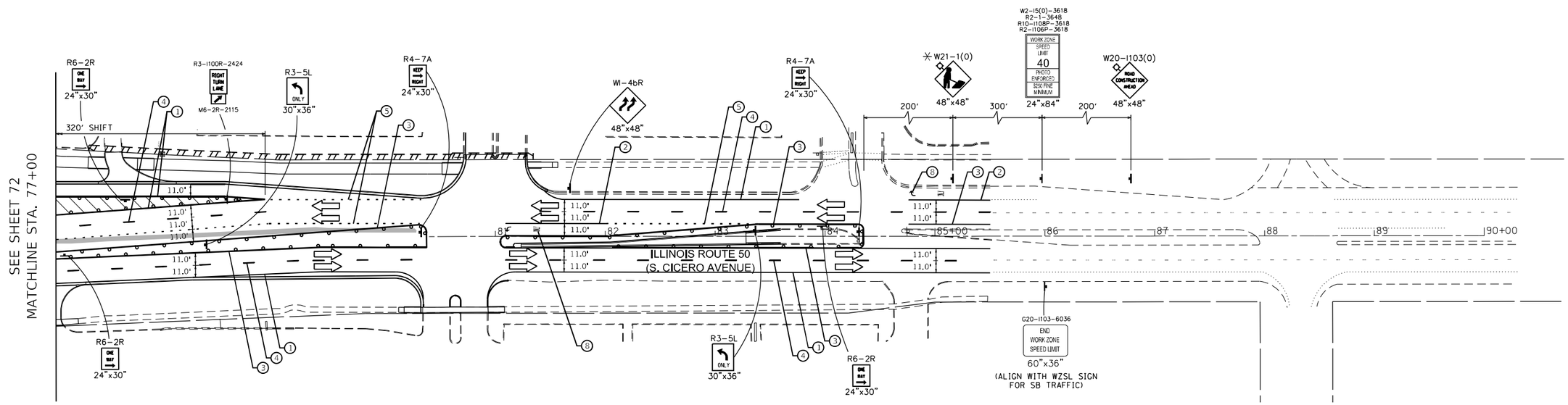
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC PLAN
STAGE 3C – US ROUTE 30 (LINCOLN HIGHWAY)

SCALE: 1" = 50' | SHEET 11 OF 16 SHEETS | STA. 23+00 TO STA.50+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	72
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		





LEGEND

- TRAFFIC DIRECTION
- WORK ZONE
- TEMPORARY PAVEMENT
- TYPE III BARRICADES WITH FLASHING LIGHTS
- TYPE II BARRICADE OR DRUMS 50' C-C ON TANGENT, 20' C-C ON TAPERS AND 12' ON RADII
- ARROW BOARD
- TEMPORARY TRAFFIC SIGN
- ONLY WHEN WORKERS ARE PRESENT

TEMPORARY PAVEMENT MARKING LEGEND

1. WHITE 4" LINE
2. WHITE 6" LINE
3. YELLOW 4" LINE
4. WHITE 4" SKIP DASH (10' LINE, 30' SKIP)
5. WHITE 6" SKIP DASH (2' LINE, 6' SKIP)
6. DOUBLE YELLOW 4" LINE
7. WHITE 24" LINE
8. WHITE LETTERS AND SYMBOLS
9. WHITE 6" SKIP DASH (3' LINE, 9' SKIP)

0 50 100 150
SCALE IN FEET

MODEL:
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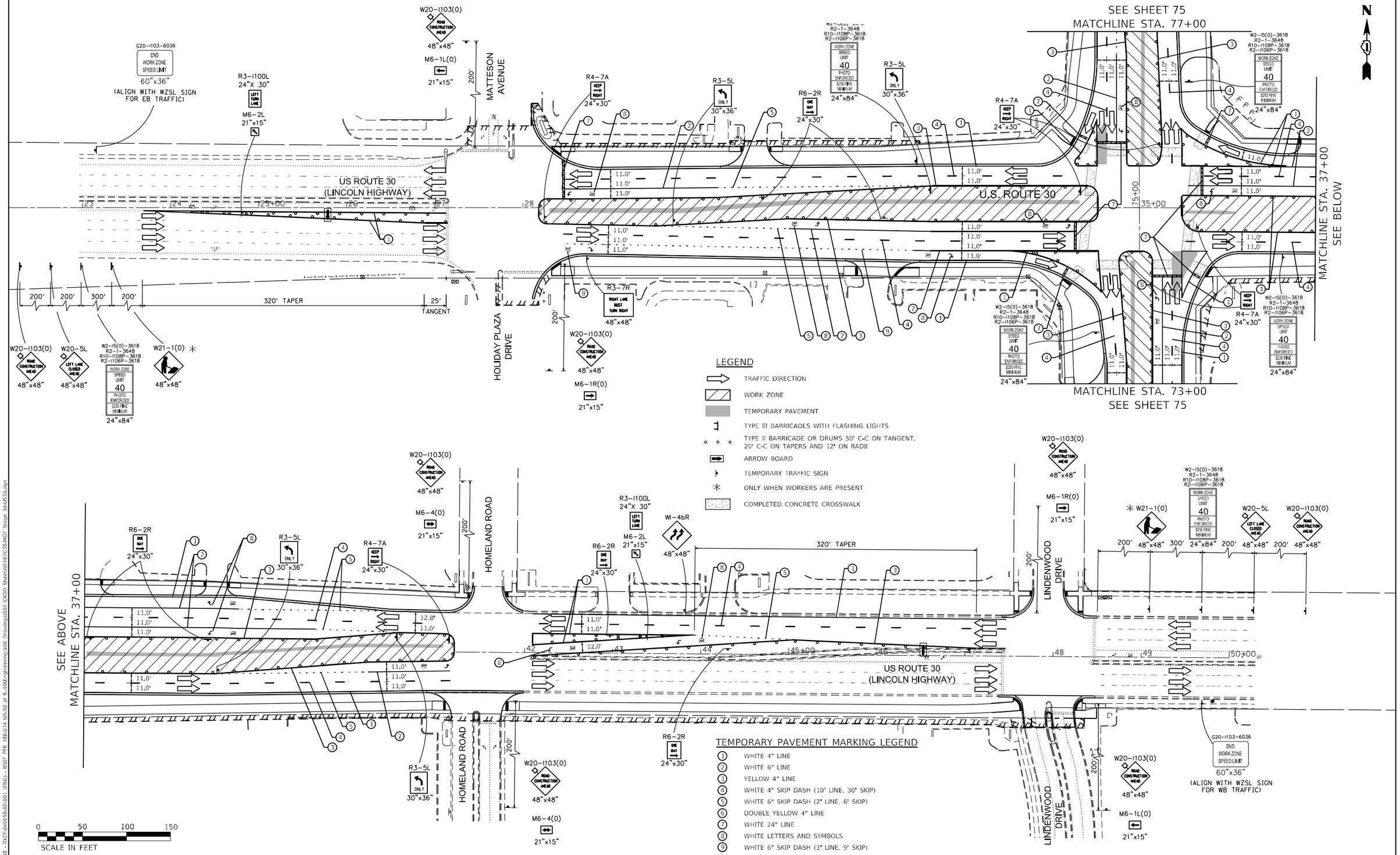
PLOT SCALE = 1:100	CHECKED - MJT	REVISED -	
PLOT DATE = 3/20/2023	DATE - 03-21-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC PLAN
STAGE 3C – IL ROUTE 50 (CICERO AVENUE)

SCALE: 1" = 50' | SHEET 12 OF 16 SHEETS | STA. 66+00 TO STA.85+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	73
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		



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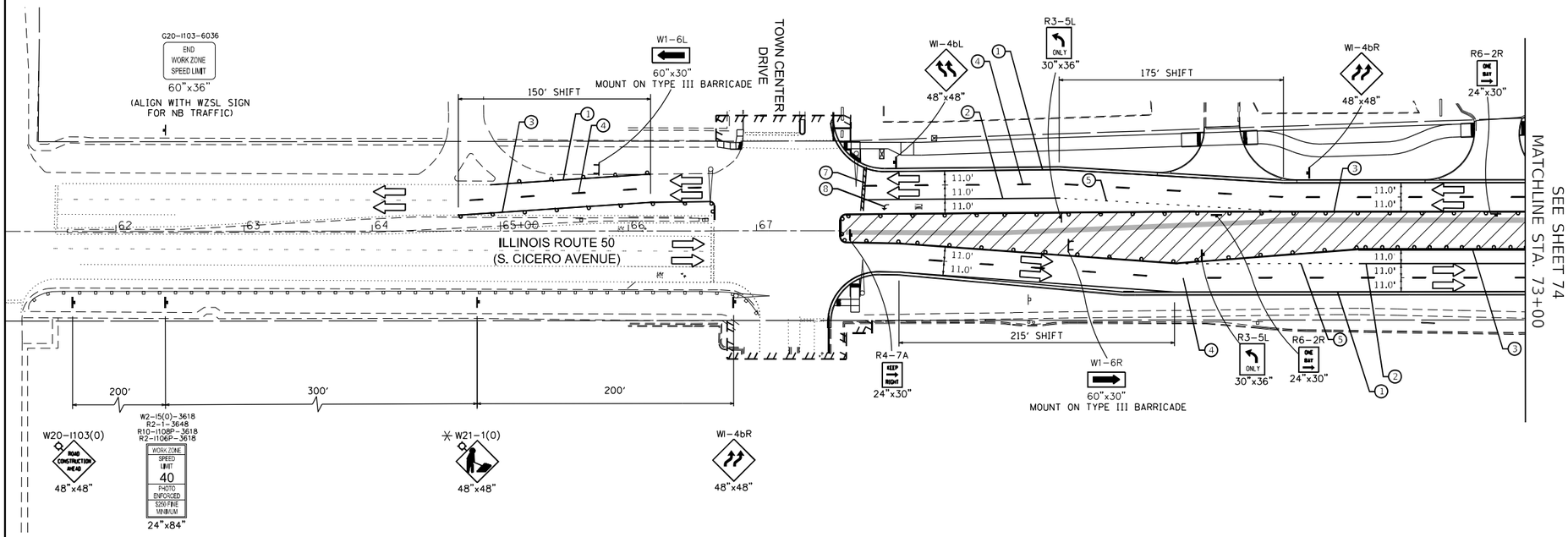
		DRAWN - JRD	REVISED -	
	PLOT SCALE = 1:100	CHECKED - MJT	REVISED -	
	PLOT DATE = 3/20/2023	DATE - 03-21-2023	REVISED -	

SUGGESTED MAINTENANCE OF TRAFFIC PLAN
STAGE 3D – US ROUTE 30 (LINCOLN HIGHWAY)

SCALE: 1" = 50' | SHEET 13 OF 16 SHEETS | STA. 23+00 TO STA.50+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	74
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

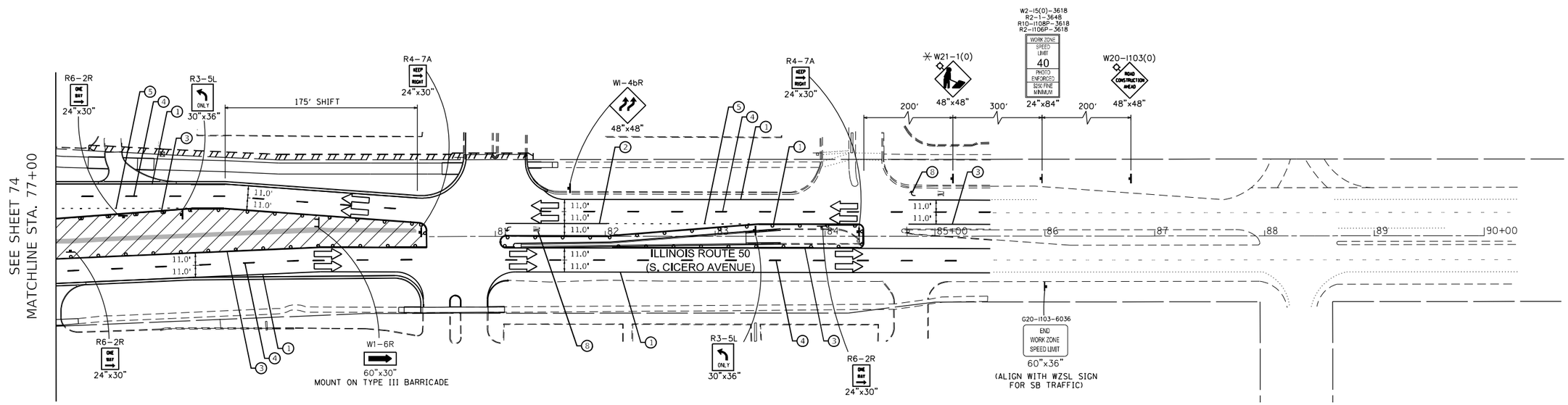


LEGEND

- TRAFFIC DIRECTION
- WORK ZONE
- TEMPORARY PAVEMENT
- TYPE III BARRICADES WITH FLASHING LIGHTS
- TYPE II BARRICADE OR DRUMS 50' C-C ON TANGENT, 20' C-C ON TAPERS AND 12' ON RADII
- ARROW BOARD
- TEMPORARY TRAFFIC SIGN
- ONLY WHEN WORKERS ARE PRESENT

TEMPORARY PAVEMENT MARKING LEGEND

1. WHITE 4" LINE
2. WHITE 6" LINE
3. YELLOW 4" LINE
4. WHITE 4" SKIP DASH (10' LINE, 30' SKIP)
5. WHITE 6" SKIP DASH (2' LINE, 6' SKIP)
6. DOUBLE YELLOW 4" LINE
7. WHITE 24" LINE
8. WHITE LETTERS AND SYMBOLS
9. WHITE 6" SKIP DASH (3' LINE, 9' SKIP)



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SCALE IN FEET

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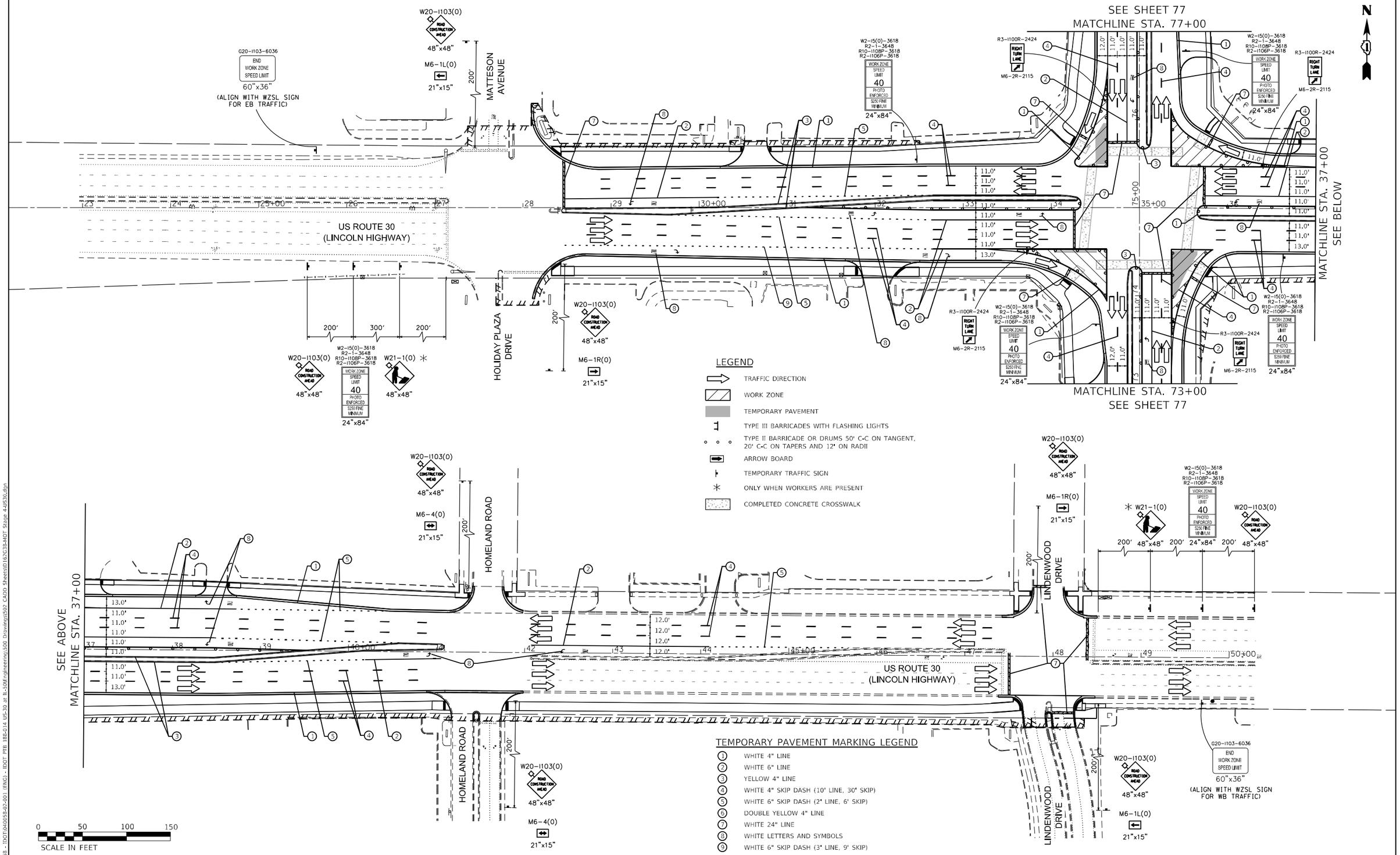
		DRAWN - JRD	REVISED -		
	PLOT SCALE = 1:100	CHECKED - MJT	REVISED -		
	PLOT DATE = 3/20/2023	DATE - 03-21-2023	REVISED -		SCALE: 1" = 50' SHEET 14 OF 16 SHEETS STA. 66+00 TO STA.85+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	75
		CONTRACT NO. 62G38		
		ILLINOIS	FED. AID PROJECT	



LEGEND

- TRAFFIC DIRECTION
- WORK ZONE
- TEMPORARY PAVEMENT
- TYPE III BARRICADES WITH FLASHING LIGHTS
- TYPE II BARRICADE OR DRUMS 50' C-C ON TANGENT, 20' C-C ON TAPERS AND 12' ON RADII
- ARROW BOARD
- TEMPORARY TRAFFIC SIGN
- * ONLY WHEN WORKERS ARE PRESENT
- COMPLETED CONCRETE CROSSWALK

TEMPORARY PAVEMENT MARKING LEGEND

1. WHITE 4" LINE
2. WHITE 6" LINE
3. YELLOW 4" LINE
4. WHITE 4" SKIP DASH (10' LINE, 30' SKIP)
5. WHITE 6" SKIP DASH (2' LINE, 6' SKIP)
6. DOUBLE YELLOW 4" LINE
7. WHITE 24" LINE
8. WHITE LETTERS AND SYMBOLS
9. WHITE 6" SKIP DASH (3' LINE, 9' SKIP)

MODEL:
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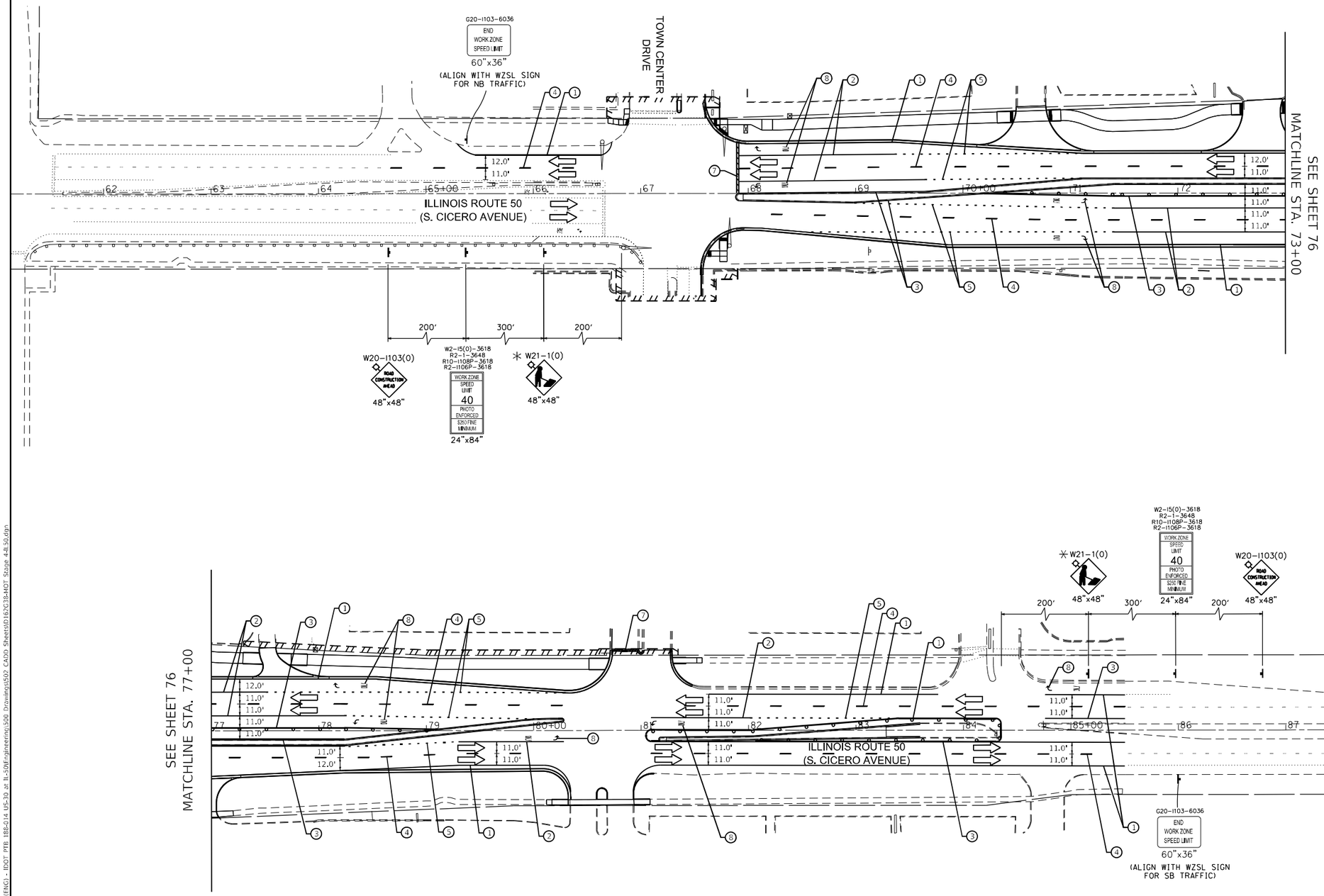
PLOT SCALE = 1:100	CHECKED - MJT	REVISED -	
PLOT DATE = 3/20/2023	DATE - 03-21-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC PLAN
STAGE 4 – US ROUTE 30 (LINCOLN HIGHWAY)

SCALE: 1" = 50' | SHEET 15 OF 16 SHEETS | STA. 23+00 | TO STA.50+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	76
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		



LEGEND

- TRAFFIC DIRECTION
- WORK ZONE
- TEMPORARY PAVEMENT
- TYPE III BARRICADES WITH FLASHING LIGHTS
- TYPE II BARRICADE OR DRUMS 50' C-C ON TANGENT, 20' C-C ON TAPERS AND 12' ON RADII
- ARROW BOARD
- TEMPORARY TRAFFIC SIGN
- ONLY WHEN WORKERS ARE PRESENT

TEMPORARY PAVEMENT MARKING LEGEND

1. WHITE 4" LINE
2. WHITE 6" LINE
3. YELLOW 4" LINE
4. WHITE 4" SKIP DASH (10' LINE, 30' SKIP)
5. WHITE 6" SKIP DASH (2' LINE, 6' SKIP)
6. DOUBLE YELLOW 4" LINE
7. WHITE 24" LINE
8. WHITE LETTERS AND SYMBOLS
9. WHITE 6" SKIP DASH (3' LINE, 9' SKIP)

0 50 100 150
SCALE IN FEET

MODEL:
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PLOT SCALE = 1:100	CHECKED - MJT	REVISED -	
PLOT DATE = 3/20/2023	DATE - 03-21-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED MAINTENANCE OF TRAFFIC PLAN
STAGE 4 – IL ROUTE 50 (CICERO AVENUE)

SCALE: 1" = 50' | SHEET 16 OF 16 SHEETS | STA. 66+00 TO STA.85+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	77
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

TEMPORARY EROSION CONTROL NOTES:

1. SEDIMENT AND EROSION CONTROL DEVICES SHALL BE FUNCTIONAL BEFORE LAND IS OTHERWISE DISTURBED ON THE SITE.

2. IF A STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN THREE DAYS, THEN SEDIMENT AND EROSION CONTROL DEVICES SHALL BE INSTALLED DURING CONSTRUCTION. LOCATION OF STOCKPILES TO BE APPROVED BY THE ENGINEER.

3. STORM SEWER INLETS SHALL BE PROTECTED WITH SEDIMENT TRAPPING OR FILTER CONTROL DEVICES DURING CONSTRUCTION.

4. THE QUANTITIES SHOWN FOR ALL EROSION CONTROL MEASURES INCLUDE THE INSTALLATION, MAINTENANCE, AND REMOVAL OF THE MEASURE.

5. THE CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL MEASURES IN SERVICEABLE CONDITION AT ALL TIMES. EROSION CONTROL MEASURES WILL BE INSPECTED ON A WEEKLY BASIS AND WITHIN 24 HOURS OF ANY STORM EXCEEDING 0.5 INCHES OF PRECIPITATION. DURING THE WINTER MONTHS, EROSION CONTROL MEASURES WILL ALSO BE INSPECTED AFTER SIGNIFICANT SNOW MELT EVENTS.

6. ALL CONSTRUCTION ACTIVITIES SHALL BE IN ACCORDANCE WITH THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM STORM WATER PERMIT FOR THIS PROJECT.

7. AS WORK PROGRESSES, ALL SLOPES 3:1 OR GREATER SHALL RECEIVE TEMPORARY EROSION CONTROL SEEDING AND EROSION CONTROL BLANKET IMMEDIATELY. ALL FLATTER AREAS THAT DO NOT HAVE A COVER OF VEGETATION, AND WHERE NO FURTHER WORK IS TO OCCUR FOR 14 DAYS OR MORE, SHALL BE TEMPORARILY SEEDED WITHIN ONE (1) CALENDAR DAY UNLESS OTHERWISE DIRECTED BY THE ENGINEER. A SUFFICIENT QUANTITY OF TEMPORARY EROSION CONTROL SEEDING IS INCLUDED TO COVER THE LIMITS OF PERMANENT LANDSCAPING.

8. TEMPORARY DITCH CHECKS SHALL BE PLACED IMMEDIATELY AFTER DITCH GRADING (OR CLEANING AND REGRADING) IS COMPLETED.

9. ALL PROPOSED OPEN LID DRAINAGE STRUCTURES SHALL BE PROTECTED AS DIRECTED BY THE ENGINEER WITH INLET FILTERS, AND THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR "INLET FILTERS".

10. WATER PUMPED OR OTHERWISE DISCHARGED FROM THE SITE DURING CONSTRUCTION DEWATERING SHALL BE FILTERED.

11. ANY SOIL, MUD, OR DEBRIS WASHED, TRACKED, OR DEPOSITED ONTO THE STREET SHALL BE REMOVED PRIOR TO THE END OF THE WORK DAY.

12. SILT FENCE IS NOT REQUIRED WHERE THE PERIMETER IS HIGHER THAN THE WORK ZONE, AND SILT FENCE SHALL NOT BE INSTALLED ACROSS CONCENTRATED FLOW OR ACROSS CONTOURS WITHOUT J-HOOKS (HIGHWAY STANDARD 280001). IN AREAS OF CONCENTRATED FLOW, TEMPORARY DITCH CHECKS ARE A SUITABLE ALTERNATIVE PERIMETER EROSION BARRIER IN PLACE OF THE SILT FENCE.

13. PORTABLE TOILETS SHALL BE PLACED AWAY FROM INLETS AND WATER COURSES.

14. RECEPTACLES FOR CONSTRUCTION DEBRIS INCLUDING CONCRETE TRUCK WASHOUT WASTE, SHALL BE PROVIDED AND MAINTAINED BY THE CONTRACTOR. RECEPTACLES AND THEIR LOCATIONS MUST BE APPROVED BY THE ENGINEER AND HAVE PROPER EROSION CONTROL MEASURES. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE APPLICABLE ITEMS OF WORK.

15. CLEANING OF VEHICLES AND EQUIPMENT, INCLUDING CONCRETE MIXERS, SHALL BE PERFORMED IN A MANNER TO REDUCE THE AMOUNT OF POLLUTANTS TRIBUTARY TO STORM SEWERS AND OPEN WATERS TO THE MAXIMUM EXTENT PRACTICAL.

16. ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR POLLUTION RUNOFF. LEAKING EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.

17. ALL TEMPORARY EROSION AND SEDIMENT CONTROL (ESC) MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL STABILIZATION IS ACHIEVED.

18. ALL ESC MEASURES WILL BE MAINTAINED IN ACCORDANCE WITH THE IDOT EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION AND IDOT'S BEST MANAGEMENT PRACTICES - MAINTENANCE GUIDE: (HTTP://WWW.IDOT.ILLINOIS.GOV/TRANSPORTATION-SYSTEM/ENVIRONMENT/EROSION-AND-SEDIMENT-CONTROL).

19. THE CONTRACTOR SHOULD PROVIDE TO THE ENGINEER A PLAN TO ENSURE THAT A STABILIZED FLOW LINE WILL BE PROVIDED DURING STORM SEWER CONSTRUCTION. THE USE OF STABILIZED FLOW LINE BETWEEN THE INSTALLED STORM SEWER AND OPEN DISTURBANCE WILL REDUCE THE POTENTIAL FOR THE OFFSITE DISCHARGE OF SEDIMENT-BEARING WATERS, ESPECIALLY WHEN RAIN IS FORECASTED, SO THAT FLOW WILL NOT ERODE. LACK OF APPROVED PLAN OR FAILURE TO COMPLY WILL RESULT IN AN ESC DEFICIENCY DEDUCTION.

20. ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF 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 CONSIDERED INCLUDED IN THE CONTRACT.

21. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PREMANENTLY SEEDED/SODDED AT ONE TIME.

22. EROSION CONTROL ITEMS ARE CONSIDERED TO BE HIGH PRIORITY ON THIS CONTRACT. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE ENGINEER.

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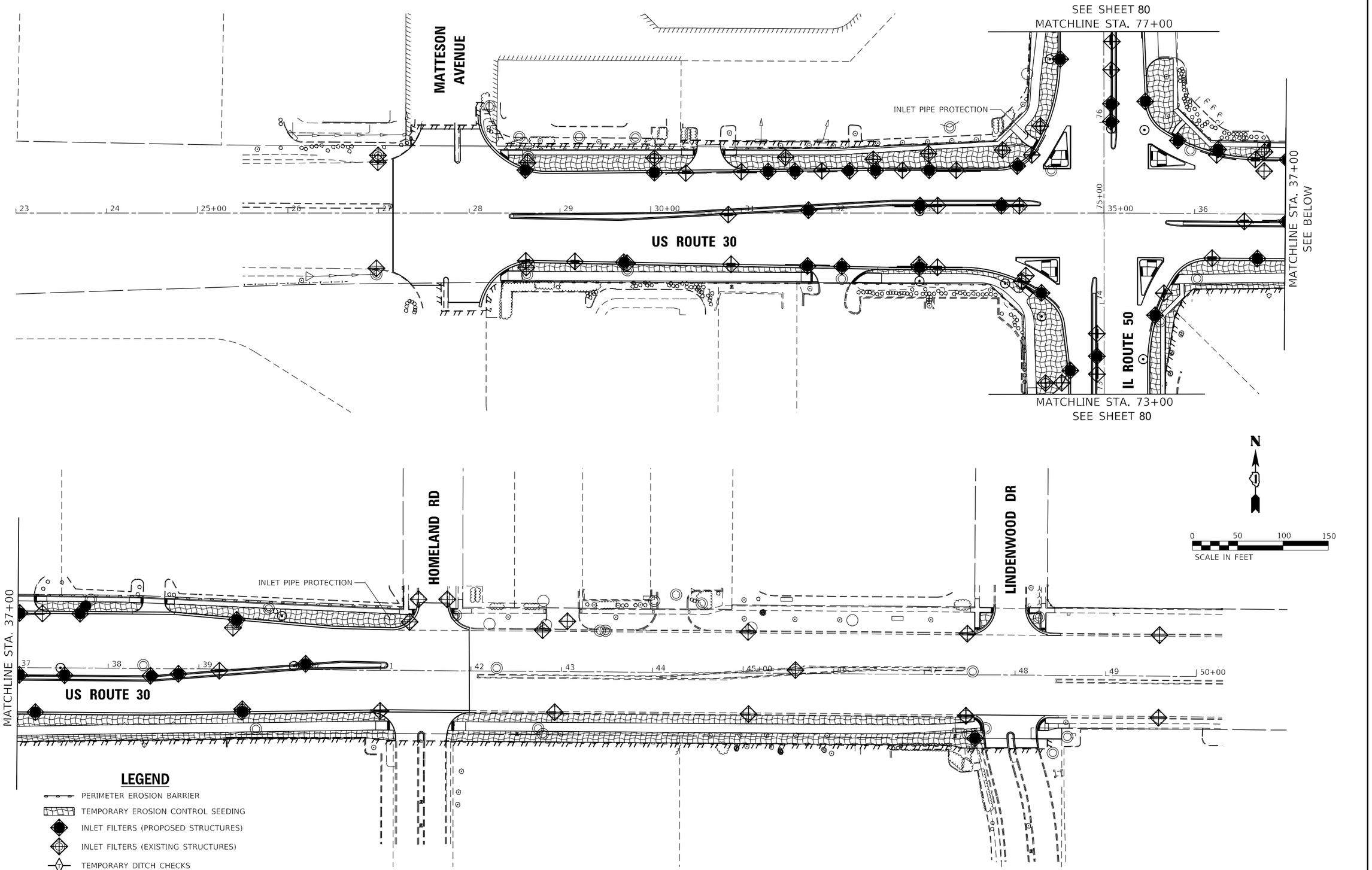
PLOT SCALE = 100.0000 ' / in.	CHECKED - MET	REVISED -
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL NOTES

SCALE: N/A | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	78
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		



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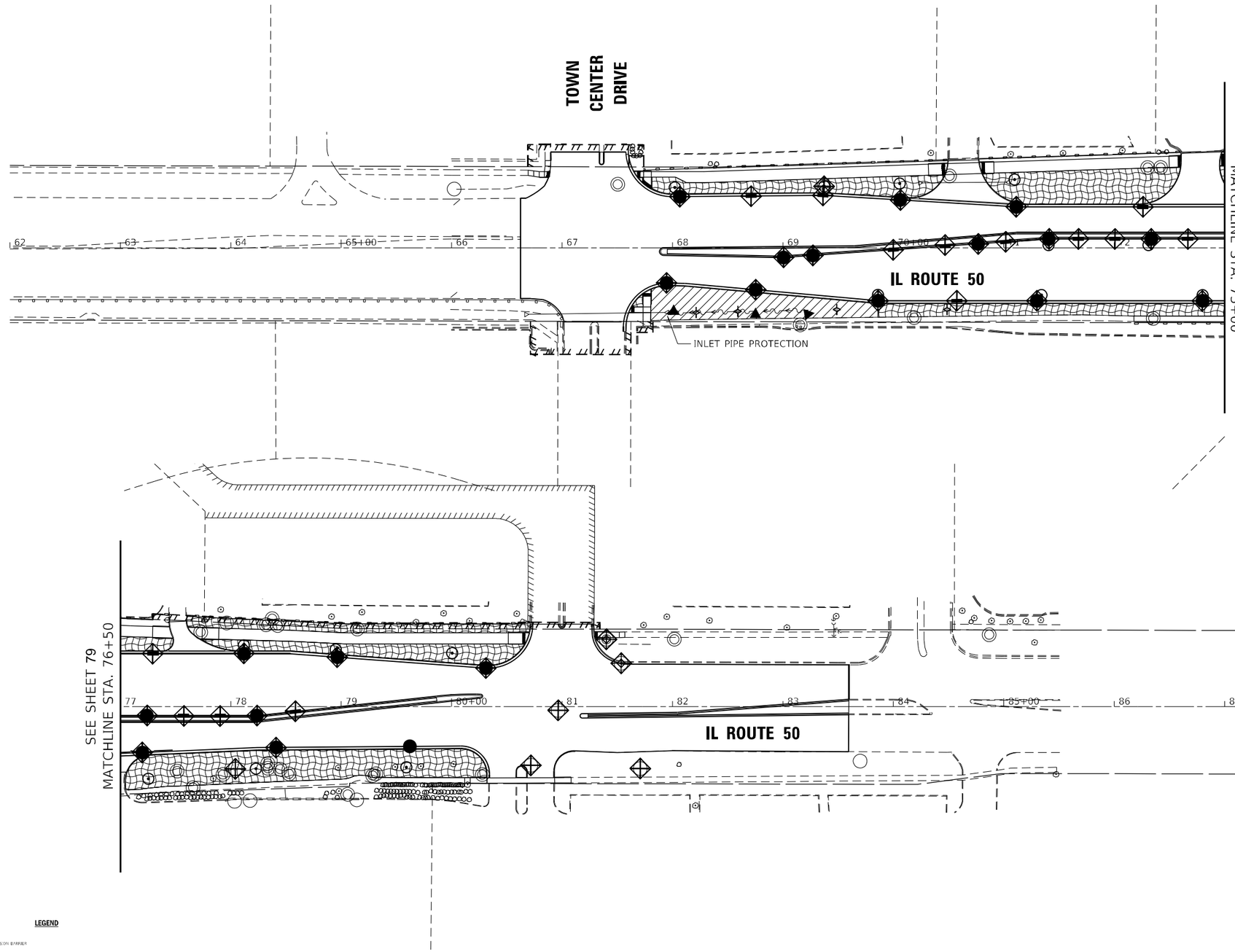
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
US ROUTE 30 (LINCOLN HIGHWAY)

SCALE: 1" = 50' | SHEET 1 OF 2 SHEETS | STA. 27+00 TO STA.50+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(22&23) TS-1	COOK	277	79
		CONTRACT NO. 62G38		
		ILLINOIS	FED. AID PROJECT	



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SCALE IN FEET

LEGEND

- PERIMETER EROSION BARRIER
- TEMPORARY EROSION CONTROL SEEDING
- INLET FILTERS (PROPOSED STRUCTURES)
- INLET FILTERS (EXISTING STRUCTURES)
- TEMPORARY DITCH CHECKS
- HEAVY DUTY EROSION CONTROL BLANKET

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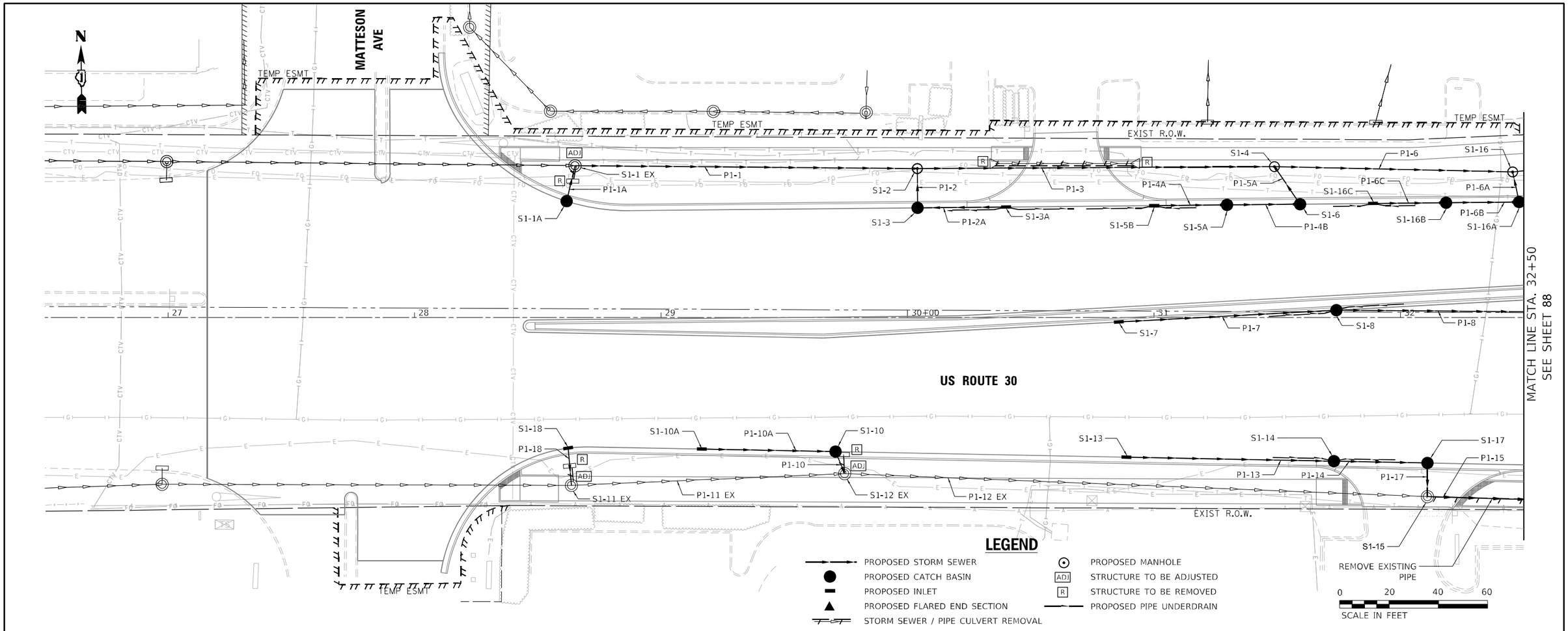
	DRAWN - ASH	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - MET	REVISED -
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -

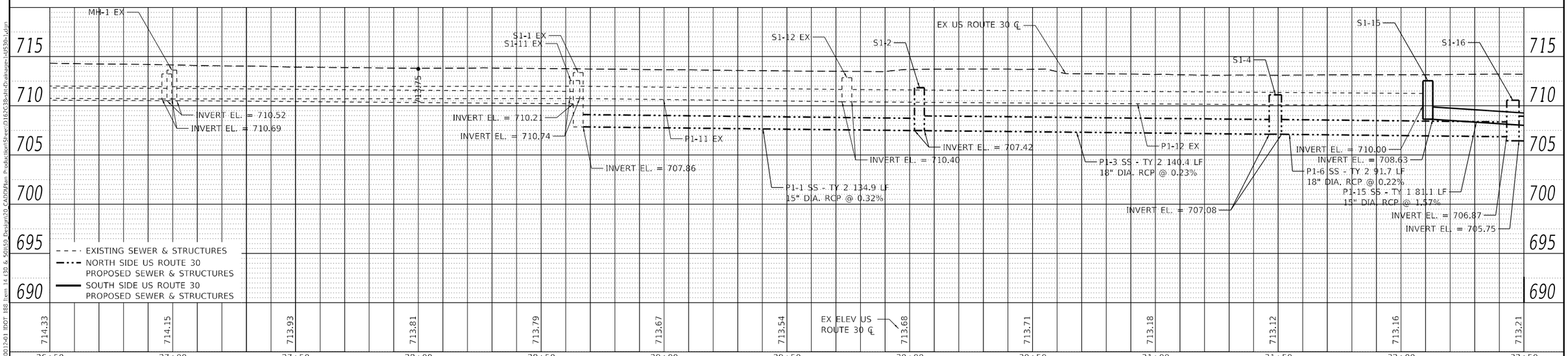
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
IL ROUTE 50 (CICERO AVENUE)

SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
350	(22&23) TS-1	COOK	277	80
		CONTRACT NO. 62G38		
		ILLINOIS	FED. AID PROJECT	





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ALIGNMENT CHECKED
R.O.W. CHECKED
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NOTE BOOK
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BY
DATE

PROFILE
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GRADES CHECKED
R.M. NOTED
STRUCTURE NOTATIONS CHKD
NOTE BOOK
NO.
BY
DATE

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	DRAWN - ASH	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - MET	REVISED -	
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITIES
US ROUTE 30 (LINCOLN HIGHWAY)

SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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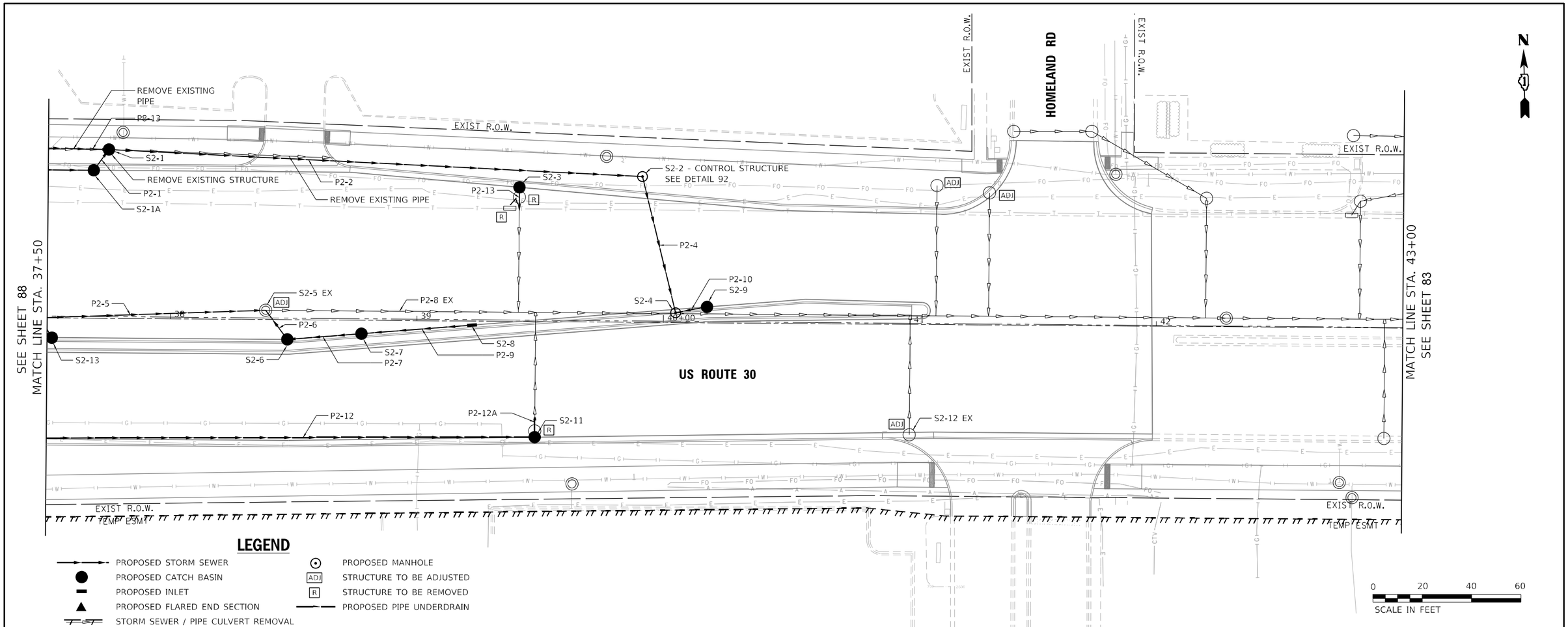
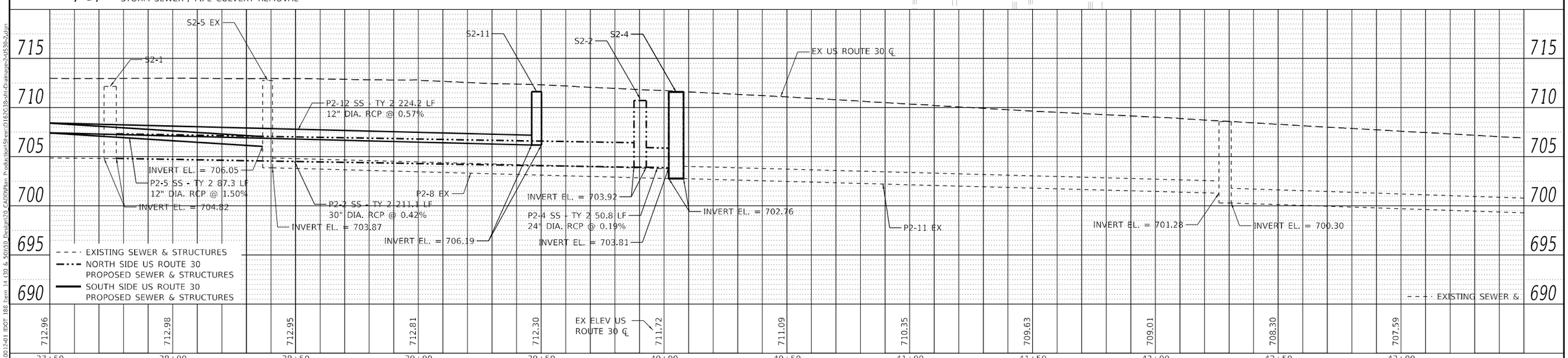
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			



LEGEND

- PROPOSED STORM SEWER
- PROPOSED CATCH BASIN
- PROPOSED INLET
- PROPOSED FLARED END SECTION
- STORM SEWER / PIPE CULVERT REMOVAL
- PROPOSED MANHOLE
- ADJ STRUCTURE TO BE ADJUSTED
- R STRUCTURE TO BE REMOVED
- PROPOSED PIPE UNDERDRAIN



Peralte-Clark LLC	USER NAME = MET	DESIGNED - ASH	REVISED -
		DRAWN - ASH	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED - MET	REVISED -
	PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITIES
US ROUTE 30 (LINCOLN HIGHWAY)

SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	82
		CONTRACT NO. 62G38		
		ILLINOIS FED. AID PROJECT		

PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK NO. / BY / DATE

PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTATNS CHKD / NOTE BOOK NO. / BY / DATE

MODEL: Default
FILE NAME: Z:\18-0012-01 IDOT 188 Item 14 (30 & 50)\50 Design\20 CADD\Plan Production\Sheet\D162G38-sht-Drainage-2-US30-2.dgn

SEE SHEET 82
MATCH LINE STA. 43+00

EXIST R.O.W.

EXIST R.O.W.

EXIST R.O.W.

ADJ

ADJ

S3-1 EX

P3-1

R

S3-2

EXIST R.O.W.

PROP. R.O.W.

EXIST R.O.W.

TEMP ESMT

TEMP ESMT

43 44 45+00 46 47 48

US ROUTE 30

LEGEND

- PROPOSED STORM SEWER
- PROPOSED CATCH BASIN
- PROPOSED INLET
- PROPOSED FLARED END SECTION
- STORM SEWER / PIPE CULVERT REMOVAL
- PROPOSED MANHOLE
- ADJ STRUCTURE TO BE ADJUSTED
- R STRUCTURE TO BE REMOVED
- PROPOSED PIPE UNDERDRAIN

0 20 40 60
SCALE IN FEET

715
710
705
700
695
690

EX US ROUTE 30 ℄

INVERT EL. = 697.56

INVERT EL. = 697.01

INVERT EL. = 694.12

INVERT EL. = 692.51

EXISTING SEWER & STRUCTURES

EX ELEV US ROUTE 30 ℄

707.59 706.91 706.23 705.57 705.06 704.26 703.36 702.76 701.98 701.22 700.55 699.90 699.47

43+00 43+50 44+00 44+50 45+00 45+50 46+00 46+50 47+00 47+50 48+00 48+50 49+00

PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
R.O. WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
R.M. NOTED
STRUCTURE NOTATIONS CHKD
NOTE BOOK
NO.

MODEL: Default
FILE NAME: 2:\18-00124-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Plan Production\Sheet\D162C38-sht-Drainage-3-US30-3.dgn

Peralte-Clark LLC

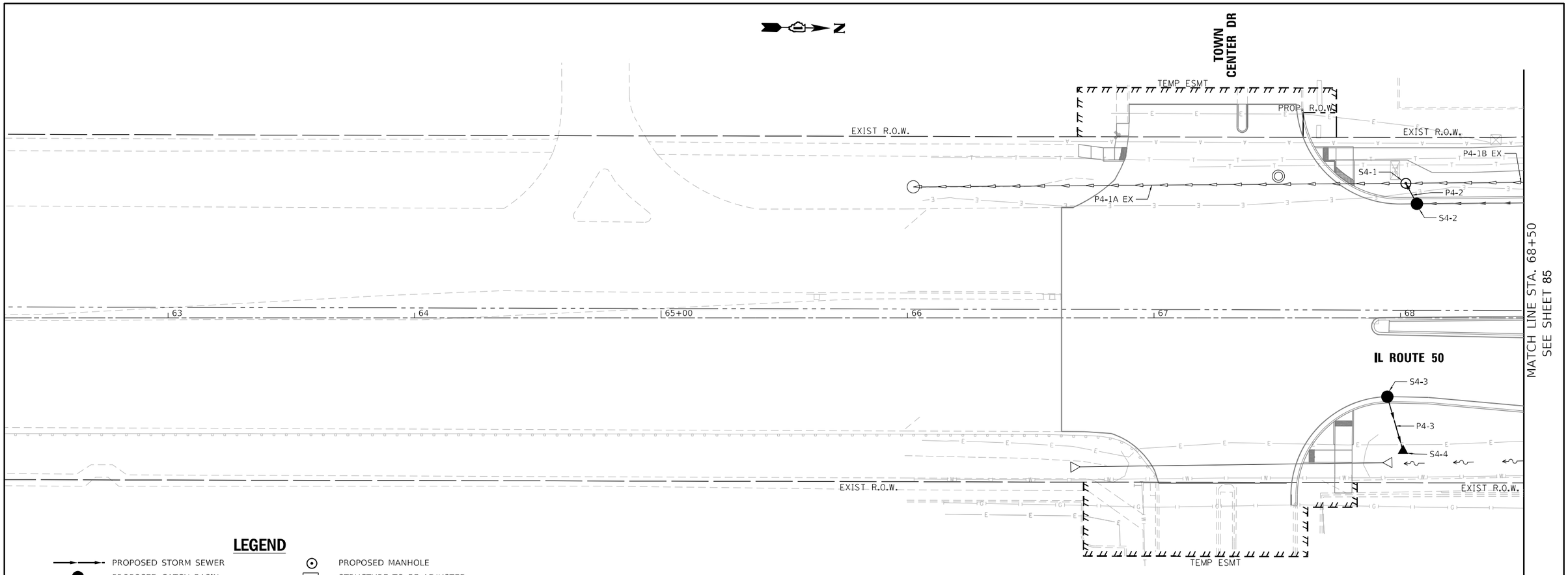
USER NAME = MET	DESIGNED - ASH	REVISED -
	DRAWN - ASH	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - MET	REVISED -
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITIES
US ROUTE 30 (LINCOLN HIGHWAY)

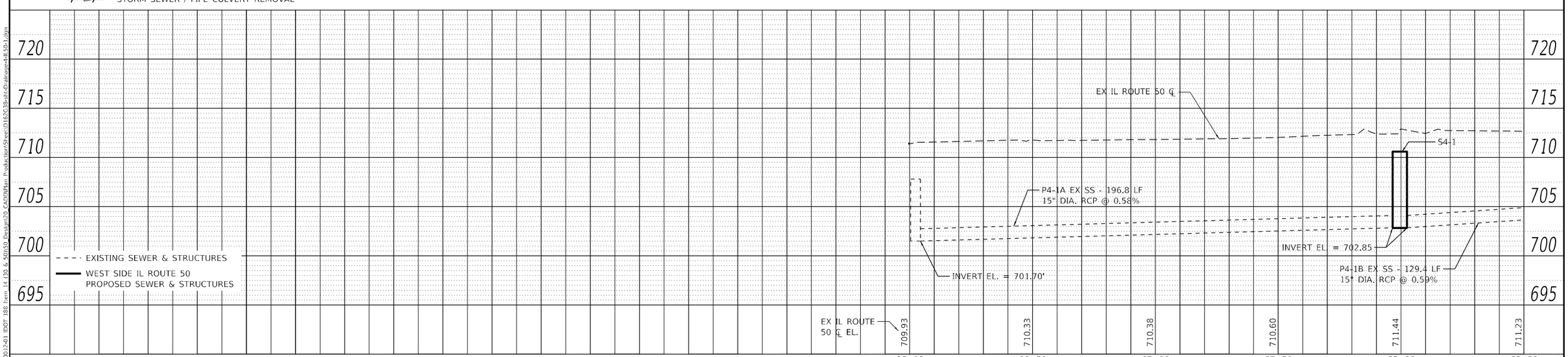
SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	83
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			



LEGEND

- PROPOSED STORM SEWER
- PROPOSED CATCH BASIN
- PROPOSED INLET
- PROPOSED FLARED END SECTION
- STORM SEWER / PIPE CULVERT REMOVAL
- PROPOSED MANHOLE
- ADJ STRUCTURE TO BE ADJUSTED
- R STRUCTURE TO BE REMOVED
- PROPOSED PIPE UNDERDRAIN



PLAN — NOTE BOOK NO. — SURVEYED — PLOTTED — ALIGNMENT CHECKED — R/W OF WAY CHECKED — CADD FILE NAME — BY — DATE

PROFILE — NOTE BOOK NO. — SURVEYED — PLOTTED — GRADES CHECKED — B.M. NOTED — STRUCTURE NOTATNS CHKD — BY — DATE

MODEL: Default
FILE NAME: Z:\18-0012-01 IDOT 188 Item 14 (30 & 50)\50 Design\20 CADD\Plan Production\Sheet\D162G38-sht-Drainage-4-IL50-1.dgn

Peralte-Clark LLC

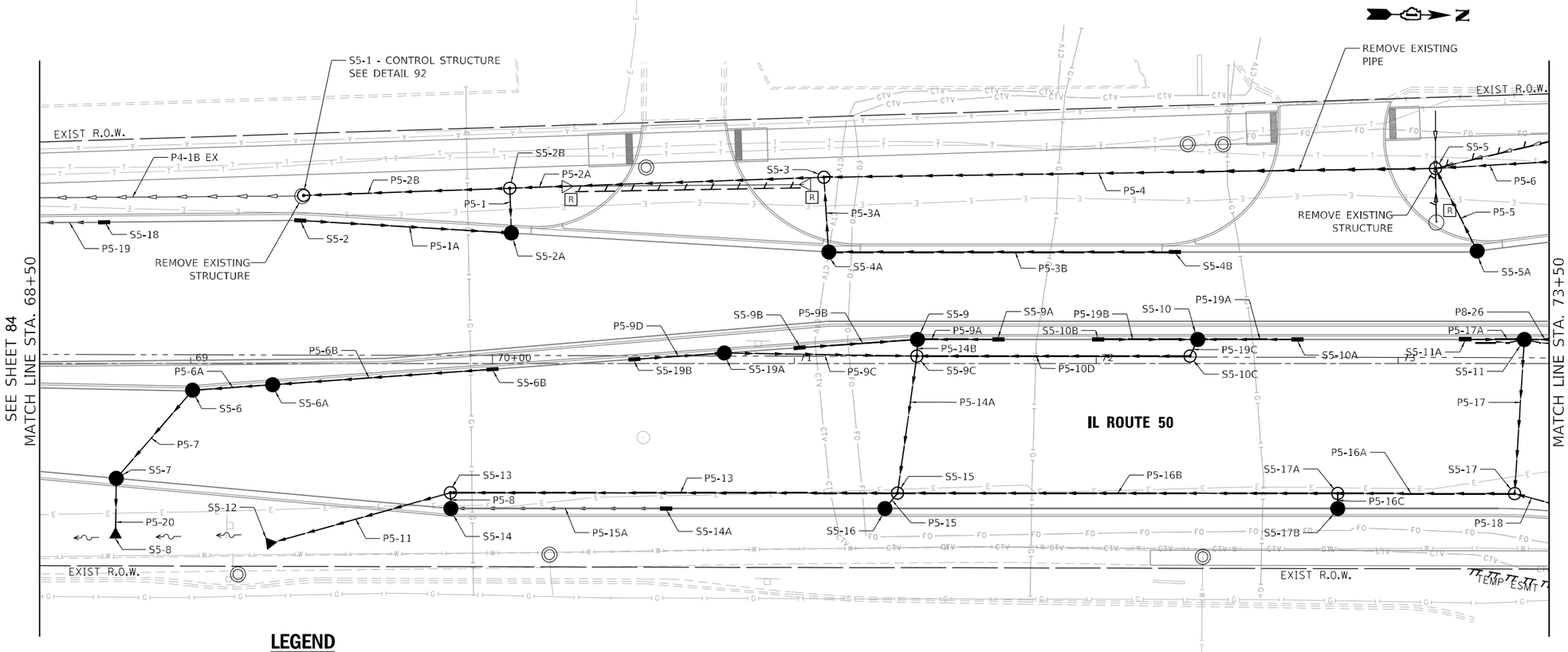
USER NAME = MET	DESIGNED - ASH	REVISED -	
	DRAWN - ASH	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - MET	REVISED -	
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITIES
IL ROUTE 50 (CICERO AVENUE)

SHEET OF SHEETS STA. TO STA.

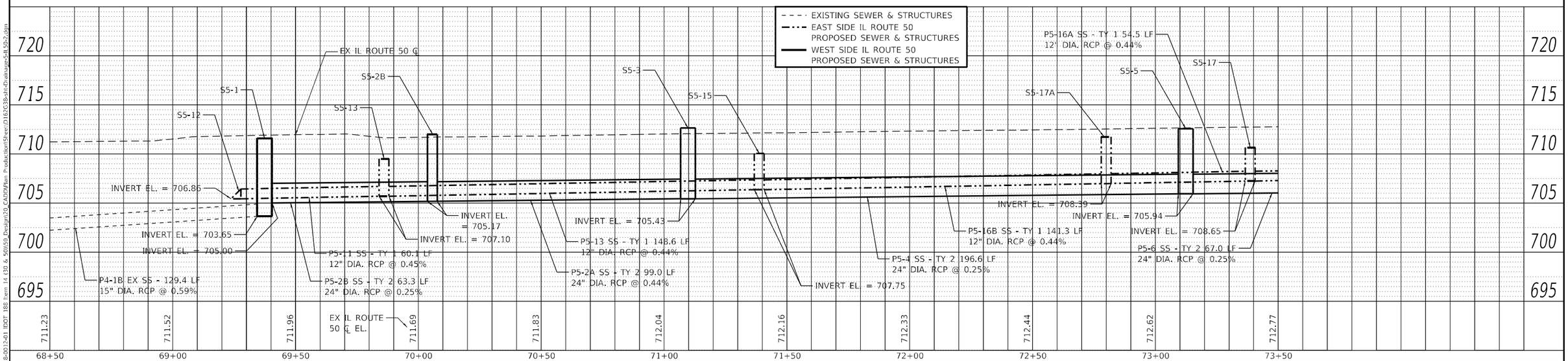
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	84
		CONTRACT NO. 62G38		
		ILLINOIS FED. AID PROJECT		



LEGEND

- PROPOSED STORM SEWER
- PROPOSED CATCH BASIN
- PROPOSED INLET
- PROPOSED FLARED END SECTION
- STORM SEWER / PIPE CULVERT REMOVAL
- PROPOSED MANHOLE
- ADJ STRUCTURE TO BE ADJUSTED
- R STRUCTURE TO BE REMOVED
- PROPOSED PIPE UNDERDRAIN

0 20 40 60
SCALE IN FEET



PLAN: SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED / CADD FILE NAME / NOTE BOOK NO. / BY / DATE

PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTATNS CHKD / NOTE BOOK NO. / BY / DATE

MODEL: Default
FILE NAME: Z:\18-0012-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Plan Production\Sheet\D162G38-sht-Drainage-5-IL50-2.dgn

Peralte-Clark LLC

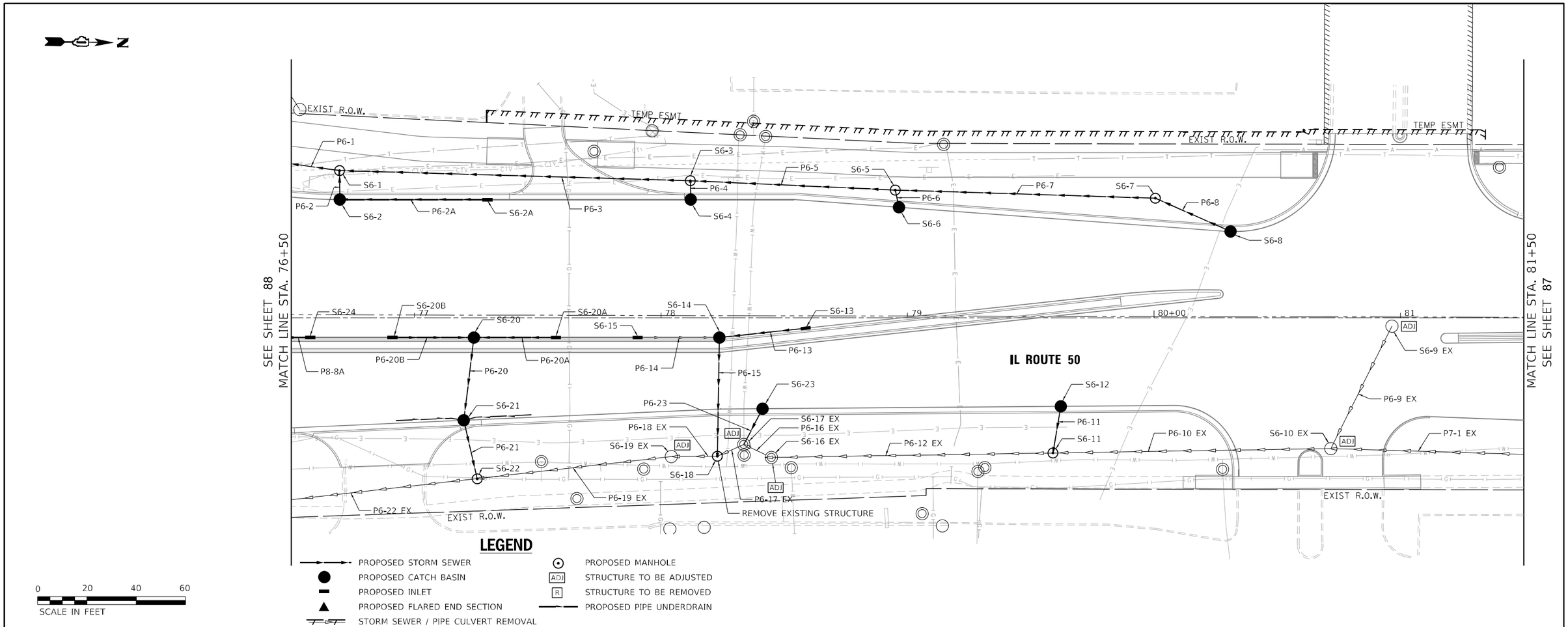
USER NAME = MET	DESIGNED - ASH	REVISED -	
	DRAWN - ASH	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - MET	REVISED -	
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -	

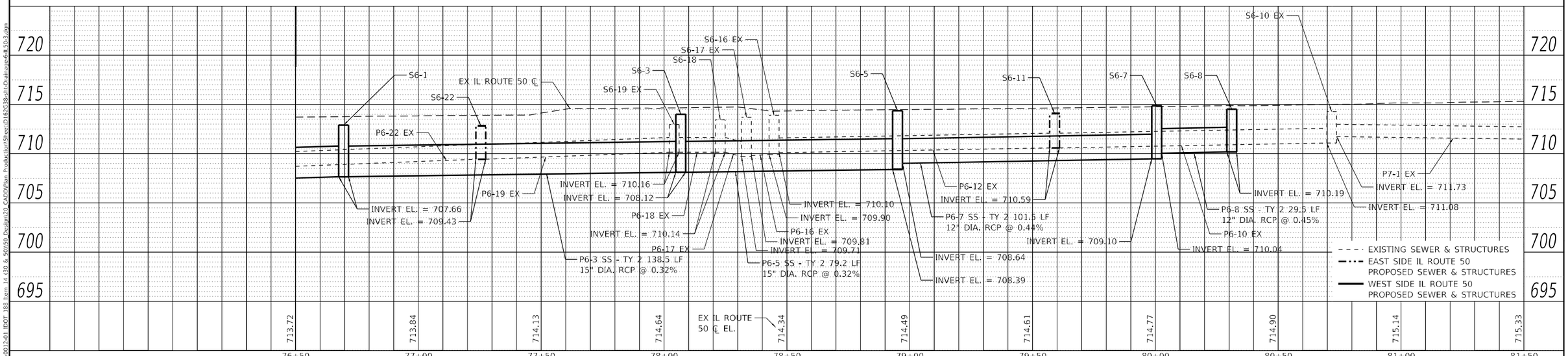
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITIES
IL ROUTE 50 (CICERO AVENUE)

SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	85
		CONTRACT NO. 62G38		
		ILLINOIS FED. AID PROJECT		





PLAN — NOTE BOOK NO. — SURVEYED — PLOTTED — ALIGNMENT CHECKED — R.O.W. CHECKED — CADD FILE NAME — BY — DATE

PROFILE — NOTE BOOK NO. — SURVEYED — PLOTTED — GRADES CHECKED — B.M. NOTED — STRUCTURE NOTATIONS CHKD — BY — DATE

MODEL: Default
FILE NAME: Z:\18-0012-01 IDOT 188 Item 14 (30 & 50)\50 Design\20 CADD\Plan Production\Sheet\D162G38-sht-Drainage-6-IL50-3.dgn

Peralte-Clark LLC

USER NAME = MET	DESIGNED - ASH	REVISED -	
	DRAWN - ASH	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - MET	REVISED -	
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITIES
IL ROUTE 50 (CICERO AVENUE)

SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	86
		CONTRACT NO. 62G38		
		ILLINOIS FED. AID PROJECT		

PLAN
SURVEYED
PLOTTED
CROSS CHECKED
R.O.W. CHECKED
ALIGNMENT CHECKED
R.O.W. OK
NOTE BOOK
CADD FILE NAME
NO.
BY
DATE

SEE SHEET 86
MATCH LINE STA. 81+50

EXIST R.O.W.

EXIST R.O.W.

82 | 83 | 84 | 85+00 | 86 | 87

IL ROUTE 50

P7-1 EX

S7-1 EX

EXIST R.O.W.

EXIST R.O.W.

N

LEGEND

- PROPOSED STORM SEWER
- PROPOSED CATCH BASIN
- PROPOSED INLET
- PROPOSED FLARED END SECTION
- STORM SEWER / PIPE CULVERT REMOVAL
- PROPOSED MANHOLE
- ADJ — STRUCTURE TO BE ADJUSTED
- R — STRUCTURE TO BE REMOVED
- PROPOSED PIPE UNDERDRAIN

0 20 40 60
SCALE IN FEET

PROFILE
SURVEYED
PLOTTED
CROSS CHECKED
R.O.W. CHECKED
ALIGNMENT CHECKED
R.O.W. OK
NOTE BOOK
NO.
BY
DATE

MODEL: Default
FILE NAME: Z:\18-00124-01 IDOT 188 Item 14 (30 & 50)\50 Design\20 CADD\Plan Production\Sheet\D162G38-sht-Drainage-74150-d.dgn

720
715
710
705
700
695

S7-1 EX

INVERT EL. = 711.42

EX IL ROUTE 50 ℄

EXISTING SEWER & STRUCTURES

715.33	715.47	715.68	EX IL ROUTE 50 ℄ EL. 716.02	716.11	716.02	715.36	715.20	715.39

81+50 | 82+00 | 82+50 | 83+00 | 83+50 | 84+00 | 84+50 | 85+00 | 85+50

Peralte-Clark LLC

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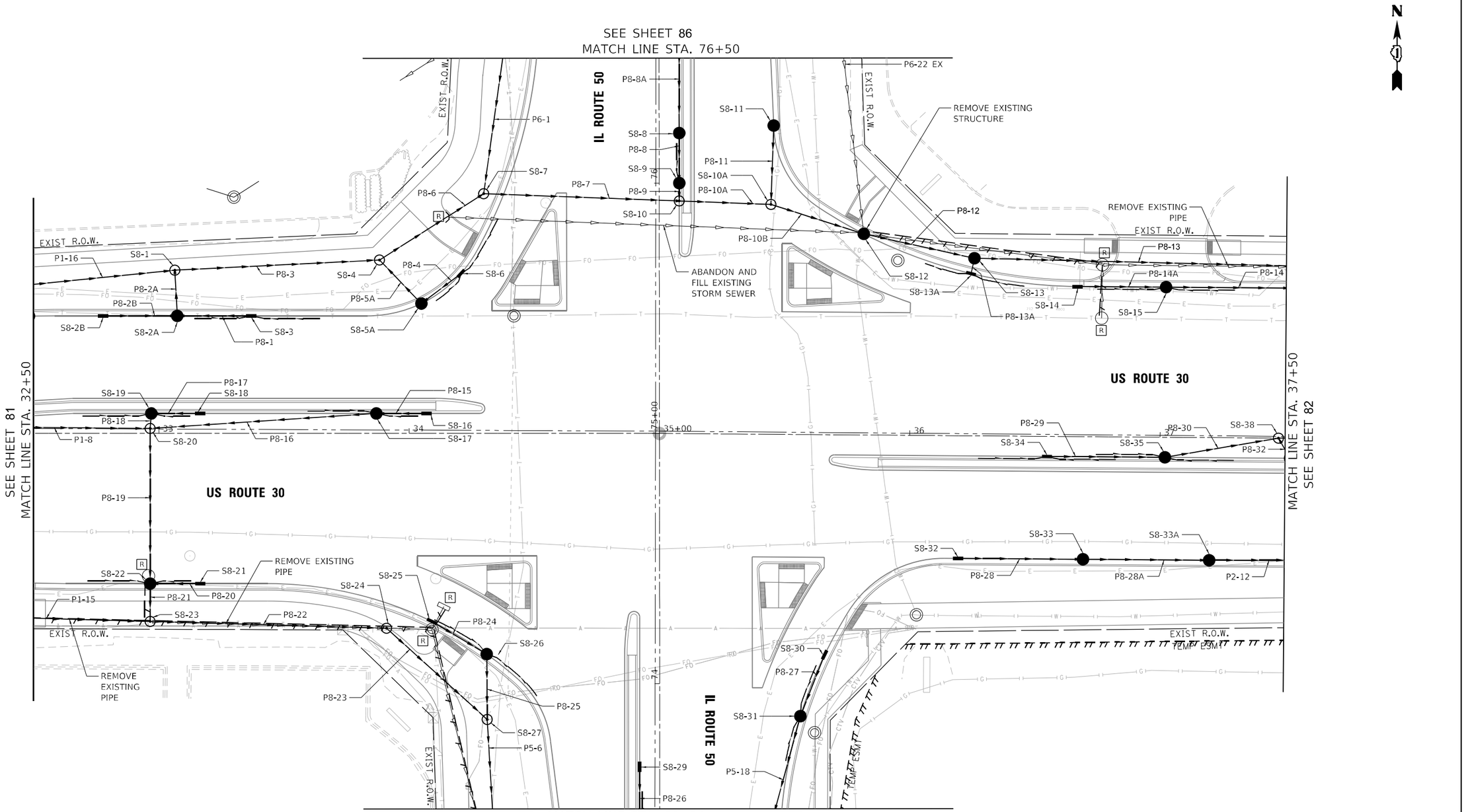
	DRAWN - ASH	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - MET	REVISED -
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITIES
IL ROUTE 50 (CICERO AVENUE)

SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	87
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			



LEGEND

- PROPOSED STORM SEWER
- PROPOSED CATCH BASIN
- PROPOSED INLET
- PROPOSED FLARED END SECTION
- STORM SEWER / PIPE CULVERT REMOVAL
- PROPOSED MANHOLE
- STRUCTURE TO BE ADJUSTED
- STRUCTURE TO BE REMOVED
- PROPOSED PIPE UNDERDRAIN

0 20 40 60
SCALE IN FEET

MODEL: Default
FILE NAME: Z:\18-00124-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Plan Production\Sheets\D162G38-sht-Drainage-sHRT.dgn

Peralte-Clark LLC

USER NAME = MET	DESIGNED - ASH	REVISED -
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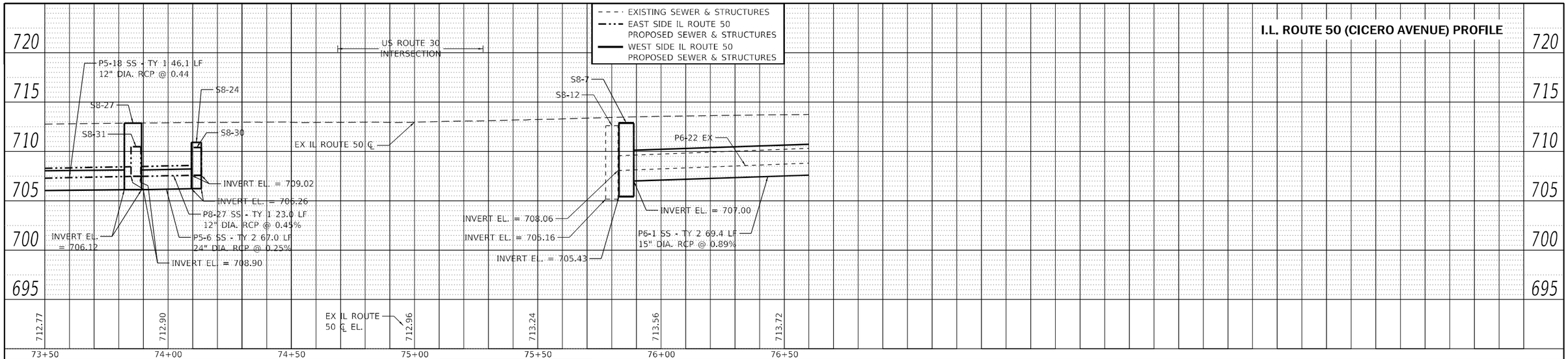
PLOT SCALE = 40.0000 ' / in.	CHECKED - MET	REVISED -
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -

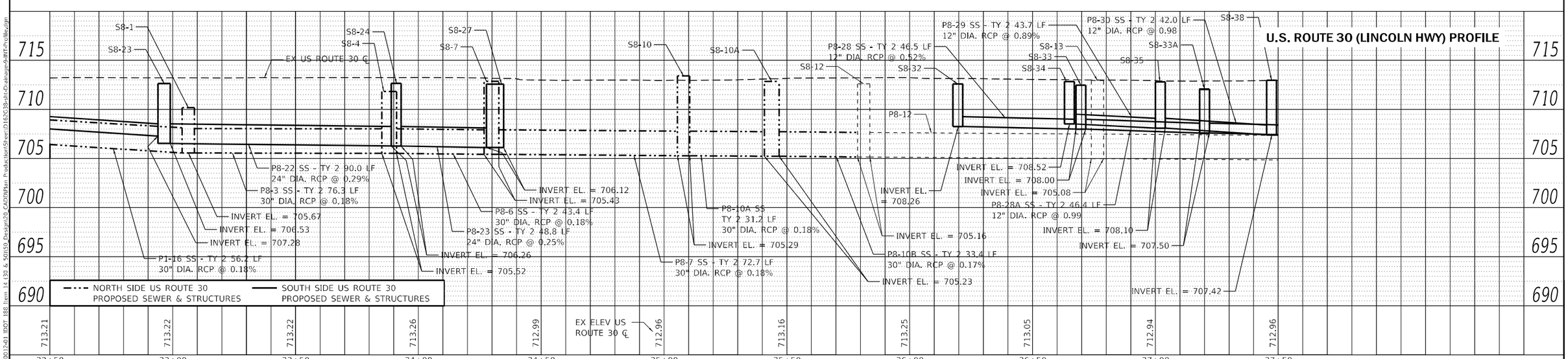
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITIES
INTERSECTION DETAIL

SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	88
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		





PLAN
NOTE BOOK NO.
SURVEYED
PLOTTED
ALIGNMENT CHECKED
R.T. OF WAY CHECKED
CADD FILE NAME
BY
DATE

PROFILE
NOTE BOOK NO.
SURVEYED
PLOTTED
GRADES CHECKED
B.M. NOTED
STRUCTURE NOTATIONS CHKD
BY
DATE

MODEL: Default
FILE NAME: Z:\18-0012-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Plan Production\Sheet\D162G38-sht-Drainage-9-INT-Profile.dgn

Peralte-Clark LLC

USER NAME = MET	DESIGNED - ASH	REVISED -	
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PLOT SCALE = 40.0000 ' / in.	CHECKED - MET	REVISED -	
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITIES
INTERSECTION PROFILES

SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	89

CONTRACT NO. 62G38

ILLINOIS FED. AID PROJECT

				STRUCTURE TYPE								INVERTS							
STRUCTURE NO.	STA.	OFFSET FT	L/R	MH	CATCH BASIN	INLET	FES	DIAMETER FT	FRAME	FLAT SLAB TOP *	RIM/EOP	INVERT	DIRECTION	INVERT	DIRECTION	INVERT	DIRECTION	INVERT	DIRECTION
S1-1 EX	28+65.11	61.66	L	A				4	1 C.L.		713.31	707.86	E	710.21	W	707.86	E		
S1-1A	28+61.73	47.23	L		A			4	3	X	713.28	707.99	N						
S1-2	30+04.00	60.48	L	A				4	1 O.L.	X	712.32	707.42	W	707.42	E	708.70	S		
S1-3	30+04.10	44.53	L		A			4	3	X	712.96	708.82	N	708.82	E				
S1-3A	30+40.00	44.88	L			B		3	3	X	712.47	709.00	W						
S1-4	31+48.86	61.27	L	A				5	1 O.L.	X	712.08	707.08	W	707.04	SE	707.08	SE		
S1-5A	31+29.63	45.75	L		A			3	3	X	712.65	708.48	W	708.48	E				
S1-5B	31+00.00	45.46	L			B		3	3	X	712.42	708.62	E						
S1-6	31+59.25	46.04	L		A			4	3	X	712.64	708.28	W	708.28	NW				
S1-7	30+85.73	1.78	R			B		3	11	X	712.95	708.98	E						
S1-8	31+74.00	3.01	L		A			4	11	X	712.87	708.54	W	708.54	E				
S1-10	29+70.81	54.40	R		A			4	3	X	712.67	710.58	W	710.58	SE				
S1-10A	29+16.58	53.36	R			B		3	3	X	712.80	710.82	E						
S1-11 EX	28+63.68	68.12	R	A				4	1 C.L.		712.98	710.74	W	710.74	N	710.74	E		
S1-12 EX	29+74.50	63.33	R	A				4	1 C.L.		713.03	710.40	S	710.5	N	710.40	E		
S1-13	30+88.79	56.66	R			B		3	3	X	712.45	709.26	E						
S1-14	31+72.91	58.28	R		A			4	3	X	712.24	708.88	W	708.88	E				
S1-15	32+10.92	72.69	R	A				4	1 C.L.	X	712.43	708.63	E	710.00	W	708.63	E		
S1-16	32+45.51	59.12	L	A				5	1 O.L.	X	712.14	705.78	E	706.87	W	705.75	S		
S1-16A	32+48.13	46.90	L		A			4	3		712.63	705.82	W	705.82	N				
S1-16B	32+18.50	46.61	L		A			4	3		712.62	705.95	W	705.95	E				
S1-16C	31+88.88	46.32	L			B		3	3		712.62	706.10	W						
S1-17	32+10.93	59.01	R		A			4	24	X	712.20	708.69	W	708.69	S				
S1-18	28+62.33	52.97	R			A		2	3	X	712.88	710.81	S						
S2-1	37+74.59	68.45	L		A			5	1 C.L.		712.66	704.82	W	704.82	E	707.84	SW		
S2-1A	37+68.46	60.00	L		A			4	3	X	712.31	707.90	W	707.90	NE				
S2-2	39+91.10	59.12	L	A				6	2 x 1 C.L.		711.03	703.92	W	703.92	SE				
S2-3	39+41.23	54.41	L		A			4	3	X	711.70	707.22	S						
S2-4	40+04.95	4.00	L	A				6	1 C.L.		711.50	702.76	W	703.81	NW	702.76	E	707.22	NE
S2-5 EX	38+38.65	3.77	L	A				4	1 C.L.		712.66	703.87	E	706.05	W	707.51	SE		
S2-6	38+47.49	8.00	R		A			4	11	X	712.48	707.60	E	707.60	NW				
S2-7	38+77.54	5.46	R		A			4	11	X	712.39	707.75	E	707.75	W				
S2-8	39+22.38	1.64	R			B		3	11	X	712.22	707.98	W						
S2-9	40+17.70	6.47	L		A			4	11	X	711.37	707.35	SW						
S2-11	39+48.14	46.86	R		A			4	3	X	711.52	706.19	W	706.19	N				
S2-12 EX	41+00.10	44.76	R		A			4	1 O.L.		709.62	703.98	N						
S2-13	37+52.00	8.00	R		A			4	11	X	712.45	708.38	NW						
S3-1 EX	47+46.16	45.33	R		A			4	1 O.L.		700.58	695.14	N	695.14	SE				
S3-2	47+56.39	70.00	R		A			4	1 O.L.	X	700.82	695.41	NW						
S4-1	68+02.18	54.58	L	A				6	1 C.L.		710.71	702.85	N	702.85	S	702.91	S		
S4-2	68+06.64	46.27	L		A			4	3		710.31	702.96	N	702.96	SW				
S4-3	67+94.67	31.93	R		A			4	3	X	710.84	707.01	E						
S4-4	67+96.62	55.90	R				12"		FES	X	707.10	706.88	W						
S5-1	69+37.44	55.71	L	A				6	2 x 1 O.L.		711.22	703.65	S	705.00	N				
S5-2	69+36.32	47.43	L			B		3	3	X	710.81	707.41	N						
S5-2A	70+06.25	43.26	L		A			4	3	X	711.05	707.07	S	707.07	W				
S5-2B	70+05.73	58.09	L	A				4	1 C.L.	X	711.58	705.17	N	705.17	S	706.98			
S5-3	71+09.78	61.74	L	A				6	1 C.L.		712.12	705.43	N	705.43	S	707.93	E		
S5-4A	71+11.32	37.00	L		A			4	3	X	711.51	708.05	W	708.04	N				
S5-4B	72+26.06	37.00	L			B		3	3	X	711.86	708.55	S						
S5-5	73+12.37	64.65	L	A				6	1 O.L.		712.75	705.94	N	705.94	S	708.31	NE		
S5-5A	73+26.18	37.30	L		A			4	3	X	712.15	708.50	SW						
S5-6	69+00.66	8.83	R		A			4	11	X	711.18	707.06	N	707.06	SE				
S5-6A	69+27.23	6.97	L		A			4	11	X	711.30	707.18	N	707.18	S				
S5-6B	70+00.00	1.87	R			B		3	11	X	711.45	707.53	S						
S5-7	68+75.40	38.01	R		A			4	3	X	710.97	706.89	NW	706.89	E				
S5-8	68+75.14	56.66	R				12"		FES	X	708.47	706.81	W						
S5-9	71+40.78	8.00	L		A			4	11	X	711.62	708.02	N	708.02	S	708.02	S		
S5-9A	71+67.64	8.00	L			B		3	11	X	711.71	708.16	S						
S5-9B	71+01.74	5.26	L			B		3	11	X	711.56	708.22	N						
S5-9C	71+40.57	2.50	L	A				4	1 C.L.	X	711.70	707.97	N	707.97	E	707.97	S	707.97	W
S5-10	72+33.60	8.00	L		A			4	11	X	711.90	708.44	N	708.44	S	708.44	S		
S5-10A	72+66.64	8.00	L			B		3	11	X	712.00	708.61	S						
S5-10B	72+00.64	8.00	L			B		3	11	X	711.82	708.61	N						
S5-10C	72+31.03	2.50	L	A				4	1 C.L.	X	711.98	708.40	W	708.40	S				
S5-11	73+41.79	8.00	L		A			4	11	X	712.20	708.91	S	708.91	S	708.91	S		
S5-11A	73+22.16	8.00	L			B		3	11	X	712.17	709.00	N						
S5-12	69+26.33	59.49	R				12"		FES	X	708.82	706.82	NW						
S5-13	69+86.05	42.75	R	A				4	1 C.L.	X	710.92	707.10	N	707.10	S	707.13	SE		
S5-14	69+86.25	48.00	R		A			4	3	X	711.22	707.16	N	707.16	W				
S5-14A	70+57.51	48.00	R			B		3	3	X	711.33	707.48	S						
S5-15	71+34.16	42.88	R	A				5	1 C.L.	X	711.29	707.75	N	707.81	SE	707.75	SE	707.75	E
S5-16	71+30.01	48.00	R		A			4	3	X	711.56	707.84	NW						

				STRUCTURE TYPE								INVERTS							
STRUCTURE NO.	STA.	OFFSET FT	L/R	MH	CATCH BASIN	INLET	FES	DIAMETER FT	FRAME	FLAT SLAB TOP	RIM/EOP *	INVERT	DIRECTION	INVERT	DIRECTION	INVERT	DIRECTION	INVERT	DIRECTION
S5-17	73+38.59	43.06	R	A				4	1 C.L.	X	711.73	708.65	N	708.65	W	708.65	S		
S5-17A	72+80.00	43.01	R	A				4	1 C.L.	X	711.75	708.39	N	708.42	E	708.39	S		
S5-17B	72+80.00	48.00	R		A			4	3	X	712.05	708.45	W						
S5-18	68+71.37	46.85	L			B		3	3		710.64	703.30	S						
S5-19A	70+76.80	3.51	L		A			3	11	X	711.51	708.30	S	708.30	N				
S5-19B	70+46.98	1.42	L			B		3	11	X	711.46	708.44	N						
S6-1	76+69.59	59.72	L	A				4	1 C.L.		713.58	707.66	N	707.66	S	708.73	E		
S6-2	76+69.70	48.00	L			B		3	3	X	713.11	708.81	N	708.81	W				
S6-2A	77+29.62	48.00	L			B		3	3	X	713.31	709.10	S						
S6-3	78+11.92	55.62	L	A				4	1 C.L.		713.88	708.12	N	708.12	S	709.25	E		
S6-4	78+12.05	48.00	L		A			4	3	X	713.50	709.31	W						
S6-5	78+95.03	51.83	L	A				4	1 C.L.	X	714.18	708.64	N	708.39	S	709.60	E		
S6-6	78+96.55	44.85	L		A			4	3	X	713.81	709.66	W						
S6-7	80+00.55	48.53	L	A				4	1 C.L.		714.89	709.10	S	710.04	N				
S6-8	80+31.07	35.05	L		A			4	3	X	714.63	710.19	SW						
S6-9 EX	80+96.55	3.30	R		A			4	1 O.L.		715.09	712.79	SE						
S6-10 EX	80+71.75	53.03	R		A			4	1 O.L.		714.28	711.08	S	712.28	NW	711.73	N		
S6-11	79+59.00	54.80	R	A				4	1 C.L.	X	714.42	710.59	N	710.59	S	710.59	S		
S6-12	79+62.20	35.89	R		A			4	3	X	714.46	710.69	SE						
S6-13	78+58.71	4.20	R			B		3	11	X	714.07	710.51	S						
S6-14	75+23.67	8.00	R		A			4	11	X	713.92	710.35	N	710.35	S	710.35	S		
S6-15	77+90.51	8.00	R			B		3	11	X	713.80	710.50	N						
S6-16 EX	78+44.80	56.60	R	A				4	1 C.L.		713.99	709.90	SW	710.10	N				
S6-17 EX	78+33.58	51.35	R	A				4	1 C.L.		713.98	709.71	NW	709.81	NE	709.71	SE		
S6-18	78+22.88	56.09	R	A				5	1 C.L.	X	713.89	710.14	NW	710.14	W	710.14	S		
S6-19 EX	78+04.19	56.26	R		A			4	1 O.L.		713.82	710.16	N	710.16	S				
S6-20	77+24.11	8.00	R		A			4	11	X	713.59	709.70	N	709.70	S	709.70	S		
S6-20A	77+57.31	8.00	R			B		3	11	X	713.70	709.85	S						
S6-20B	76+90.91	8.00	R			B		3	11	X	713.50	709.85	N						
S6-21	77+20.00	41.53	R		A			4	3	X	713.40	709.54	W	709.54	E				
S6-22	77+25.46	65.27	R	A				4	1 C.L.	X	713.69	709.43	N	709.43	W	709.43	S		
S6-23	78+41.20	36.86	R		A			4	4	X	714.06	709.80	SE						
S6-24	76+57.71	8.00	R			B		3	11	X	713.41	709.30	S						
S7-1 EX	81+70.85	55.97	R		A			4	1 O.L.		714.02	711.42	S						
S8-1	33+06.41	65.25	L	A				5	1 O.L.	X	711.94	705.67	W	708.18	S	705.67	E		
S8-2A	33+07.38	47.00	L		A			4	3	X	712.66	708.34	W	708.34	E	708.34	W		
S8-2B	32+77.75	47.00	L			B		3	3	X	712.65	708.48	E						
S8-3	33+37.00	47.00	L			B		3	3	X	712.67	708.57	W						
S8-4	33+88.15	69.32	L	A				6	1 O.L.	X	712.09	705.52	W	705.52	NE	707.36	SE		
S8-5A	34+04.89	51.94	L		A			4	3	X	712.59	707.76	NE	707.76	NW				
S8-6	34+20.73	63.93	L			B		3	3	X	712.24	708.00	SW						
S8-7	34+29.78	95.84	L	A				6	1 O.L.		712.67	705.43	SW	705.43	E	707.00	N		
S8-8	35+06.99	120.12	L		A			4	11	X	713.27	709.00	N	709.00	S				
S8-9	35+07.13	100.12	L		A			4	11	X	713.18	708.88	N	708.88	S				
S8-10	35+07.22	92.97	L	A				5	1 C.L.		713.17	705.29	W	705.29	E	708.83	N		
S8-10A	35+43.86	91.87	L	A				6	1 C.L.		712.67	705.23	W	705.23	SE	709.11	N		
S8-11	35+44.73	123.40	L		A			4	3	X	713.22	709.31	S						
S8-12	35+81.04	80.36	L		A			5	1 O.L.		712.53	705.16	NW	708.06	N	705.16	E		
S8-13	36+35.46	68.83	L		A			5	1 O.L.		712.68	705.08	NW	705.08	E	705.08	SW		
S8-13A	36+24.00	64.84	L			B		3	3		712.05	705.12	N						
S8-14	36+66.61	60.00	L			B		3	3	X	712.16	708.44	E						
S8-15	37+02.00	60.00	L		A			4	3	X	711.94	708.28	W	708.28	E				
S8-16	34+06.91	8.00	L			B		3	11	X	713.03	708.47	W						
S8-17	33+86.91	8.00	L		A			4	11	X	712.85	708.37	E	708.37	W				
S8-18	33+16.55	8.01	L			B		3	11	X	712.87	708.70	W						
S8-19	32+97.00	8.00	L		A			4	11	X	712.83	708.60	E	708.60	S				
S8-20	32+96.55	2.00	L	A				4	1 C.L.	X	712.50	707.92	W	708.54	N	707.92	E	707.92	S
S8-21	33+16.56	60.00	R			B		3	3	X	712.01	707.75	W						
S8-22	32+96.54	60.00	R		A			4	3	X	711.97	707.61	N	707.61	E	707.61	S		
S8-23	32+96.54	75.13	R	A				5	1 C.L.	X	712.75	706.53	E	708.23	W	707.53	N		
S8-24	33+90.98	77.83	R	A				4	1 C.L.	X	712.49	706.26	W	706.26	SE				
S8-25	34+08.97	75.04	R			B		3	3	X	711.93	707.70	SE						
S8-26	34+31.00	88.17	R		A			4	3	X	711.73	707.48	NW	707.48	S				
S8-27	34+31.19	114.27	R	A				7	1 C.L.	X	712.57	706.12	NW	706.12	S	707.24	N		
S8-29	34+92.11	133.21	R			B		3	11	X	712.44	709.03	S						
S8-30	35+66.64	87.95	R			B		3	3	X	711.84	709.02	SW						
S8-31	35+57.16	112.52	R		A			4	3	X	711.65	708.90	NE	708.90	SW				
S8-32	36+19.58	49.00	R			B		3	3	X	712.30	708.26	E						
S8-33	36+69.59	49.00	R		A			4	3	X	712.28	708.00	W	708.00	E				
S8-33A	36+69.59	49.00	R		A			4	3	X	712.30	707.50	W	707.50	E				
S8-34	36+54.87	8.00	R			B		3	11	X	712.68	708.52	W						
S8-35	37+02.00	8.00	R		A			4	11	X	712.28	708.10	W	708.10	NE				
S8-38	37+47.30	0.00	L	A				4	1 C.L.	X	712.59	707.42	SW	708.26	SE	707.42	W		

* RESPONSIBILITY OF CONTRACTOR TO CONFIRM NEED OF FLAT SLAB TOPS FOR ALL STRUCTURES.

MODEL: Default
FILE NAME: Z:\18-0012-401 IDOT 188 Item 14 130 & 501\50_Design\20_CADD\Plan Production\Sheet\D16\C38-sht-Drainage-10-schedule.dgn

Peralte-Clark LLC

USER NAME = MET	DESIGNED - ASH	REVISED -	
	DRAWN - ASH	REVISED -	
PLOT SCALE = 100.0000 ' / In.	CHECKED - JAC	REVISED -	
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITIES
DRAINAGE SCHEDULE

SCALE: N/A | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	90
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

PIPE NO.	FROM	TO	DIA	CLASS	TYPE	RUBBER GASKET	LINEAR FEET	SLOPE %	TRENCH BACKFILL (CU YD)
P1-1	S1-1 EX	S1-2	15"	B	2	X	134.9	0.32	92.3
P1-1A	S1-1A	S1-1 EX	12"	A	2	X	10.7	0.88	2.6
P1-2	S1-3	S1-2	12"	A	1	X	11.9	0.76	1.0
P1-2A	S1-3A	S1-3	12"	A	1	X	32.4	0.50	3.7
P1-3	S1-2	S1-4	18"	A	2	X	140.4	0.23	91.4
P1-4A	S1-5B	S1-5A	12"	A	1	X	25.7	0.47	3.6
P1-4B	S1-5A	S1-6	12"	A	2	X	25.1	0.67	4.3
P1-5A	S1-6	S1-4	12"	A	2	X	13.9	1.31	1.6
P1-6	S1-4	S1-16	18"	A	2	X	91.7	0.22	41.2
P1-6A	S1-16A	S1-16	12"	A	2	X	7.9	0.56	3.1
P1-6B	S1-16B	S1-16A	12"	A	2	X	25.6	0.44	16.9
P1-6C	S1-16C	S1-16B	12"	A	2	X	26.1	0.51	16.6
P1-7	S1-7	S1-8	12"	A	2	X	85.0	0.50	12.9
P1-8	S1-8	S8-20	12"	A	2	X	118.5	0.51	21.7
P1-10	S1-10	S1-12 EX	12"	A	1	X	5.7	0.83	0.7
P1-10A	S1-10A	S1-10	12"	A	1	X	50.8	0.44	6.7
P1-11 EX	S1-11 EX	S1-12 EX	15"	A	1	X	106.9	0.31	0.0
P1-12 EX	S1-12 EX	S1-15	15"	A	1	X	232.6	0.17	0.0
P1-13	S1-13	S1-14	12"	A	1	X	80.6	0.45	4.8
P1-14	S1-14	S1-17	12"	A	1	X	33.9	0.50	2.6
P1-15	S1-15	S8-23	15"	A	2	X	81.1	1.57	26.9
P1-16	S1-16	S8-1	30"	A	2	X	56.2	0.18	0.0
P1-17	S1-17	S1-15	12"	A	1	X	9.7	0.46	1.0
P1-18	S1-18	S1-11 EX	12"	A	1	X	12.2	0.46	0.5
P2-1	S2-1A	S2-1	12"	A	2	X	6.0	0.57	2.2
P2-2	S2-1	S2-2	30"	A	2	X	211.1	0.42	200.5
P2-4	S2-2	S2-4	24"	A	2	X	50.8	0.19	41.3
P2-5	S8-38	S2-5 EX	12"	A	2	X	87.3	1.50	29.2
P2-6	S2-6	S2-5 EX	12"	A	2	X	10.7	0.61	2.6
P2-7	S2-7	S2-6	12"	A	2	X	25.2	0.50	5.6
P2-8 EX	S2-5 EX	S2-4	15"	A	2	X	161.3	0.67	0.0
P2-9	S2-8	S2-7	12"	A	2	X	41.5	0.51	7.5
P2-10	S2-9	S2-4	12"	A	2	X	8.0	1.00	1.2
P2-12	S8-33A	S2-11	12"	A	2	X	224.2	0.57	55.5
P2-12A	S2-11	O-10	12	A	2	X	6.0	4.51	1.4
P2-13	S2-3	O-7	12"	A	2	X	7.6	1.77	1.4
P3-1	S3-2	S3-1 EX	12"	A	2	X	22.7	0.52	16.1
P4-1A_EX	S4-1	EX-CB O-1	15"	A	2	X	196.8	0.58	0.0
P4-1B_EX	S5-1	S4-1	15"	A	2	X	129.4	0.59	0.0
P4-2	S4-2	S4-1	12"	A	2	X	4.6	0.52	4.9
P4-3	S4-3	S4-4	12"	A	1	X	15.2	0.64	0.6
P5-1	S5-2A	S5-2B	12"	A	2	X	10.8	0.61	3.6
P5-1A	S5-2	S5-2A	12"	A	1	X	66.6	0.49	18.2
P5-2A	S5-3	S5-2B	24"	A	2	X	99.0	0.25	0.0
P5-2B	S5-2B	S5-1	24"	A	2	X	63.3	0.25	0.0
P5-3A	S5-4A	S5-3	12"	A	1	X	19.9	0.56	1.3
P5-3B	S5-4B	S5-4A	12"	B	1	X	111.3	0.54	27.6
P5-4	S5-5	S5-3	24"	A	2	X	196.6	0.25	46.7
P5-5	S5-5A	S5-5	12"	A	2	X	25.7	0.62	1.7
P5-6	S8-27	S5-5	24"	B	2	X	67.0	0.25	0.0
P5-6A	S5-6A	S5-6	12"	A	2	X	22.6	0.45	3.5
P5-6B	S5-6B	S5-6A	12"	A	2	X	69.5	0.48	10.2
P5-7	S5-6	S5-7	12"	A	2	X	34.6	0.44	5.4
P5-8	S5-14	S5-13	12"	A	1	X	1.3	0.57	0.2
P5-9A	S5-9A	S5-9	12"	A	1	X	23.4	0.52	2.3
P5-9B	S5-9B	S5-9	12"	A	1	X	35.6	0.51	3.2
P5-9C	S5-19A	S5-9C	12"	A	1	X	60.3	0.52	5.3
P5-9D	S5-19B	S5-19A	12"	A	1	X	26.9	0.47	1.4
P5-10D	S5-10C	S5-9C	12"	A	1	X	89.0	0.46	9.6
P5-11	S5-13	S5-12	12"	A	1	X	60.1	0.45	6.2
P5-13	S5-15	S5-13	12"	A	1	X	143.6	0.44	0.0
P5-14A	S5-9C	S5-15	12"	A	1	X	41.3	0.48	4.4
P5-14B	S5-9	S5-9C	12"	A	1	X	1.5	0.91	0.2
P5-15	S5-16	S5-15	12"	A	1	X	2.1	0.46	0.2
P5-15A	S5-14A	S5-14	12"	A	1	X	67.8	0.45	9.5
P5-16A	S5-17	S5-17A	12"	A	1	X	54.5	0.44	3.4
P5-16B	S5-17A	S5-15	12"	A	1	X	141.3	0.44	0.0
P5-16C	S5-17B	S5-17A	12"	A	1	X	1.0	0.60	0.1
P5-17	S5-11	S5-17	12"	A	1	X	47.1	0.51	2.8
P5-17A	S5-11A	S5-11	12"	A	1	X	16.1	0.46	1.0

PIPE NO.	FROM	TO	DIA	CLASS	TYPE	RUBBER GASKET	LINEAR FEET	SLOPE %	TRENCH BACKFILL (CU YD)
P5-18	S8-31	S5-17	12"	A	1	X	46.1	0.50	1.4
P5-19	S5-18	S4-2	12"	A	2	X	61.2	0.53	47.2
P5-19A	S5-10A	S5-10	12"	A	1	X	29.5	0.51	2.5
P5-19B	S5-10B	S5-10	12"	A	1	X	29.5	0.52	2.2
P5-19C	S5-10	S5-10C	12"	A	1	X	1.5	0.73	0.1
P5-20	S5-7	S5-8	12"	A	1	X	16.6	0.43	1.1
P6-1	S6-1	S8-7	15"	A	2	X	69.4	0.89	0.0
P6-2	S6-2	S6-1	12"	A	2	X	8.2	0.68	1.5
P6-2A	S6-2A	S6-2	12"	A	2	X	57.0	0.48	9.7
P6-3	S6-3	S6-1	15"	A	2	X	138.5	0.32	44.0
P6-4	S6-4	S6-3	12"	A	2	X	3.6	0.79	1.3
P6-5	S6-5	S6-3	15"	A	2	X	79.2	0.32	62.3
P6-6	S6-6	S6-5	12"	A	2	X	3.1	0.84	1.1
P6-7	S6-7	S6-5	12"	A	2	X	101.5	0.44	0.0
P6-8	S6-8	S6-7	12"	A	2	X	29.5	0.45	6.1
P6-9 EX	S6-9 EX	S6-10 EX	12"	A	1	X	51.5	0.92	0.0
P6-10 EX	S6-10 EX	S6-11	18"	A	1	X	108.8	0.43	0.0
P6-11	S6-12	S6-11	12"	A	1	X	15.1	0.52	1.1
P6-12 EX	S6-11	S6-16 EX	18"	A	1	X	110.1	0.43	0.0
P6-13	S6-13	S6-14	12"	A	1	X	31.8	0.45	3.1
P6-14	S6-15	S6-14	12"	A	1	X	29.6	0.45	2.5
P6-15	S6-14	S6-18	12"	A	1	X	43.6	0.44	3.5
P6-16 EX	S6-16 EX	S6-17 EX	18"	A	1	X	8.4	0.73	0.0
P6-17 EX	S6-17 EX	S6-18	18"	A	1	X	7.2	-3.67	0.0
P6-18 EX	S6-18	S6-19 EX	18"	A	1	X	14.3	-0.11	0.0
P6-19 EX	S6-19 EX	S6-22	18"	A	1	X	75.2	0.92	0.0
P6-20	S6-20	S6-21	12"	A	1	X	29.8	0.47	3.9
P6-20A	S6-20A	S6-20	12"	A	1	X	29.8	0.45	3.9
P6-20B	S6-20B	S6-20	12"	A	1	X	29.7	0.45	3.6
P6-21	S6-21	S6-22	12"	A	2	X	20.3	0.45	1.5
P6-22 EX	S6-22	S8-12	18"	A	1	X	142.2	0.93	0.0
P6-23	S6-23	S6-17 EX	12"	A	2	X	12.4	0.55	1.7
P7-1 EX	S7-1 EX	S6-10 EX	15"	A	1	X	95.1	-0.31	0.0
P8-1	S8-3	S8-2A	12"	A	2	X	26.1	0.78	4.1
P8-2A	S8-2A	S8-1	12"	A	2	X	13.7	0.88	1.0
P8-2B	S8-2B	S8-2A	12"	A	2	X	26.1	0.47	4.2
P8-3	S8-1	S8-4	30"	A	2	X	76.3	0.18	0.0
P8-4	S8-6	S8-5A	12"	A	2	X	16.4	1.21	3.3
P8-5A	S8-5A	S8-4	12"	A	2	X	19.1	1.66	1.3
P8-6	S8-4	S8-7	30"	A	2	X	43.4	0.18	17.5
P8-7	S8-7	S8-10	30"	A	2	X	72.7	0.18	62.5
P8-8	S8-8	S8-9	12"	A	2	X	16.1	0.60	2.8
P8-8A	S6-24	S8-8	12"	A	2	X	34.2	0.80	5.6
P8-9	S8-9	S8-10	12"	A	2	X	2.6	0.70	0.5
P8-10A	S8-10	S8-10A	30"	A	2	X	31.2	0.18	27.0
P8-10B	S8-10A	S8-12	30"	A	2	X	33.4	0.17	27.0
P8-11	S8-11	S8-10A	12"	A	1	X	26.5	0.63	3.1
P8-12	S8-12	S8-13	30"	A	2	X	40.3	0.18	48.0
P8-13	S8-13	S2-1	30"	A	2	X	144.3	0.17	89.0
P8-13A	S8-13A	S8-13	12"	A	2	X	2.3	0.63	2.3
P8-14	S8-15	S2-1A	12"	A	2	X	62.5	0.57	8.7
P8-14A	S8-14	S8-15	12"	A	1	X	31.9	0.45	3.3
P8-15	S8-16	S8-17	12"	A	2	X	16.5	0.49	3.1
P8-16	S8-17	S8-20	12"	A	2	X	86.6	0.50	16.6
P8-17	S8-18	S8-19	12"	A	2	X	16.0	0.51	2.5
P8-18	S8-19	S8-20	12"	A	2	X	2.0	1.00	0.3
P8-19	S8-20	S8-22	12"	A	2	X	58.0	0.50	10.7
P8-20	S8-21	S8-22	12"	A	2	X	16.5	0.70	2.8
P8-21	S8-22	S8-23	12"	A	2	X	10.7	0.53	4.2
P8-22	S8-23	S8-24	24"	A	2	X	90.0	0.29	81.5
P8-23	S8-24	S8-27	24"	A	2	X	48.8	0.25	39.9
P8-24	S8-25	S8-26	12"	A	2	X	22.2	0.86	3.6
P8-25	S8-26	S8-27	12"	A	2	X	20.7	0.92	1.7
P8-26	S8-29	S5-11	12"	A	1	X	21.5	0.48	1.6
P8-27	S8-30	S8-31	12"	A	1	X	23.0	0.45	0.4
P8-28	S8-32	S8-33	12"	A	2	X	46.5	0.52	7.1
P8-28A	S8-33	S8-33A	12"	A	2	X	46.4	0.99	8.9
P8-29	S8-34	S8-35	12"	A	2	X	43.7	0.89	6.7
P8-30	S8-35	S8-38	12"	A	2	X	42.0	1.48	8.7
P8-32	S2-13	S8-38	12"	A	2	X	5.3	1.29	0.8

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Peralte-Clark LLC

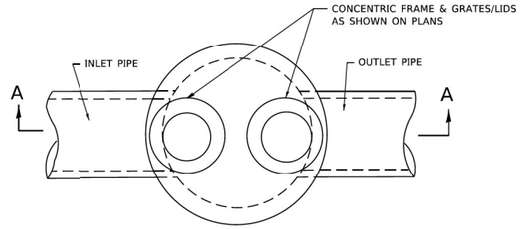
USER NAME = MET	DESIGNED - ASH	REVISED -
	DRAWN - ASH	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - MET	REVISED -
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

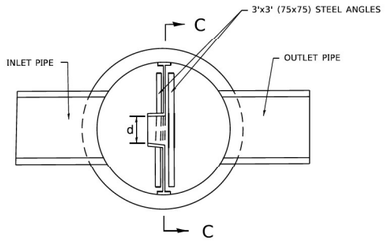
DRAINAGE AND UTILITIES
DRAINAGE SCHEDULE

SCALE: N/A | SHEET OF SHEETS | STA. | TO STA.

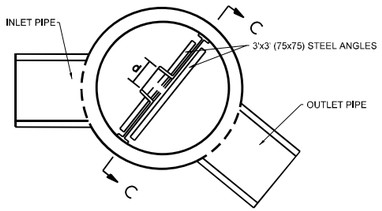
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	91
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		



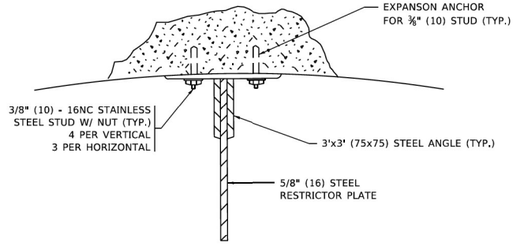
PLAN



SECTION B–B
S5–1



SECTION B–B
S2–2



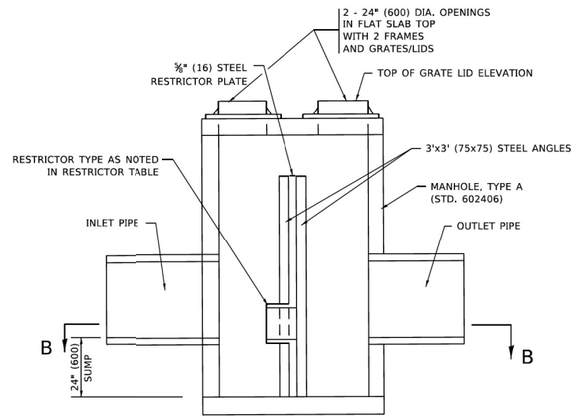
ANGLE FASTENER DETAIL

NOTES:

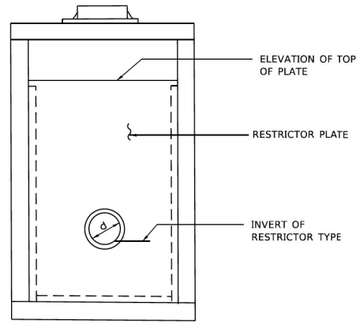
1. ALL STEEL ANGLES AND PLATES TO BE GALVANIZED AFTER FABRICATION.

BASIS OF PAYMENT:

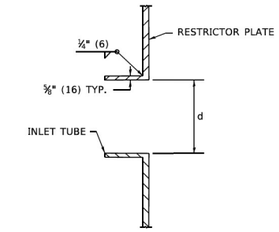
1. TO BE PAID FOR AS "MANHOLES ,TYPE A, 6 FT. (1.8 m)-DIAMETER, TYPE 1 FRAME, CLOSED LID, RESTRICTOR PLATE" EACH
2. ALL RESTRICTOR PLATES, ANGLES AND HARDWARE TO BE INCLUDED IN THE COST OF THE MANHOLE.



SECTION A–A

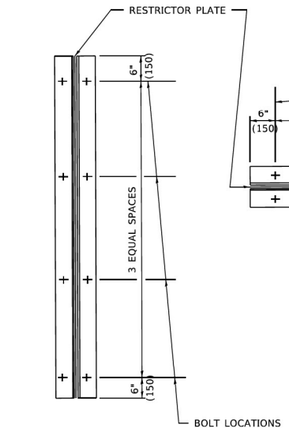


SECTION C–C

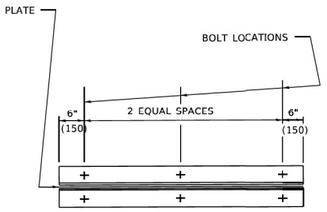


INLET TUBE DETAIL

	STATION AND OFFSET	MANHOLE DIAMETER	FRAME AND GRATE	RESTRICTOR TYPE	INSIDE RESTRICTOR TYPE DIAMETER in. (mm) (d)	INVERT OF RESTRICTOR TYPE	ELEVATION OF TOP OF PLATE OVERFLOW
S2-2	39+91.10	6′	1 C.L.	3	12.5 (317.5)	703.92′	708.27′
S5-1	69+37.44	6′	1 O.L.	3	12.75 (323.85)	705.20′	709.36′



TYPICAL VERTICAL ANGLES LOOKING TOWARD MANHOLE WALL



TYPICAL HORIZONTAL ANGLES LOOKING TOWARD BOTTOM OF MANHOLE

TOTAL BOLTS REQUIRED: 22

NOTE:

1. ANGLES SHOULD BE 3x3x 3/8 (75x75x75)
2. VERTICAL ANGLES SHOULD EXTEND FROM THE BOTTOM OF THE RESTRICTOR PLATE TO THE TOP.
3. HORIZONTAL ANGLES SHOULD EXTEND FROM VERTICAL ANGLE TO VERTICAL ANGLE.

RESTRICTOR TYPE					
1	2	3	4	5	6
RE-ENTRANT TUBE	SHARP EDGED	SQUARE EDGED	RE-ENTRANT TUBE	SQUARE EDGED	ROUNDED
LENGTH: ½ TO 1 DIA.		STREAM CLEARS SIDES	LENGTH: 2-½ DIA.	LENGTH: 2-½ DIA.	
C=.52	C=.61	C=.61	C=.73	C=.82	C=.98

VALUES OF "C" FOR CIRCULAR AND SQUARE ORIFICES

STEEL ANGLE BOLTING DETAILS

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

MODEL: Default
FILE NAME: W:\dists\d22x34bd12.dgn

USER NAME = demanchelt	DESIGNED - R. SHAH	REVISED - R. SHAH 10-25-94	
	DRAWN -	REVISED - E. GOMEZ 08-28-00	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - M. GOMEZ 01-08-01	
PLOT DATE = 2/2/2022	DATE - 09-09-94	REVISED - K. SMITH 02-01-22	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MANHOLE WITH RESTRICTOR PLATE

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	BD600–04 (BD–12)	CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			

MODEL: Default
FILE NAME: Z:\18-0012-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Plan Production\Sheets\D162G38-sht-IDOT D1 Details_BD12.dgn

Peralte-Clark LLC

USER NAME = MET	DESIGNED - ASH	REVISED -	
	DRAWN - ASH	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - MET	REVISED -	
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE AND UTILITIES
DRAINAGE DETAILS

SCALE: N/A | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	92
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			

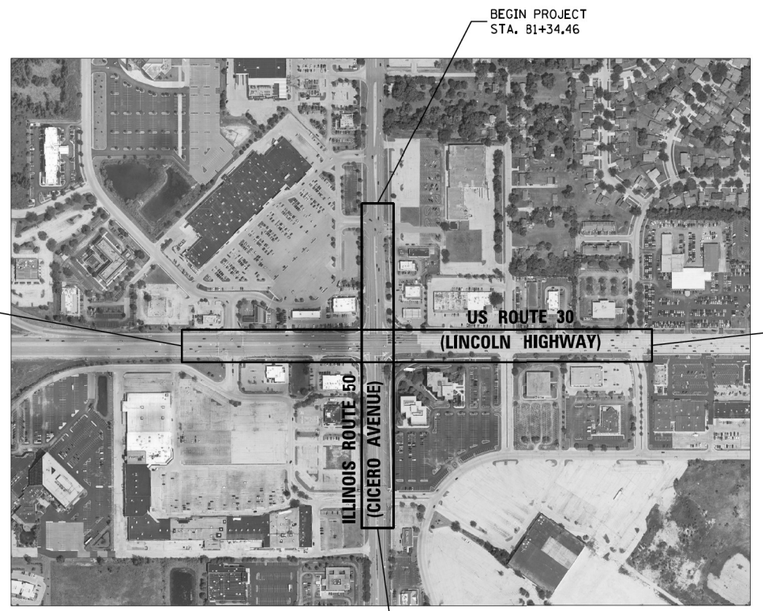
PARCEL NUMBER	OWNER	SHEET NUMBER	PROPERTY ACQUIRED BY
0MR0001TE-A	MILTON MATTESON LLC, A DELAWARE LIMITED LIABILITY COMPANY	3	
0MR0001TE-B		4	
0MR0002TE-A	GRANDWAY USRE H, LLC, A DELAWARE LIMITED LIABILITY COMPANY	3	
0MR0002TE-B		4	
0MR0003	MATTESON REALTY LLC, AN ILLINOIS LIMITED LIABILITY COMPANY	6	
0MR0003TE-A		3	
0MR0003TE-B		6	
0MR0004TE	PIZZA HUT OF AMERICA, INC., A DELAWARE CORPORATION	6	
0MR0005TE-A	THE VILLAGE OF MATTESON, AN ILLINOIS MUNICIPALCORPORATION	6	
0MR0005TE-B		7	
0MR0006TE-A	MARC MATTESON, LLC, AN ILLINOIS LIMITED LIABILITY COMPANY	6	
0MR0006TE-B		5	
0MR0007TE-A	MATTESON II, LLC, AN ILLINOIS LIMITED LIABILITY COMPANY	5	
0MR0007TE-B		5,7	
0MR0008TE	BENJAMIN O. DAVIS POST NO. 311	7	
0MR0009TE	CPP PROPERTIES MATTESON LLC, AN ILLINOIS LIMITED LIABILITY COMPANY	7,8	
0MR0010TE	THE VILLAGE OF MATTESON	8	
0MR00011	REALITY AMERICA GROUP (LINCOLN HALL) L.P., A TEXAS LIMITED PARTNERSHIP	8	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

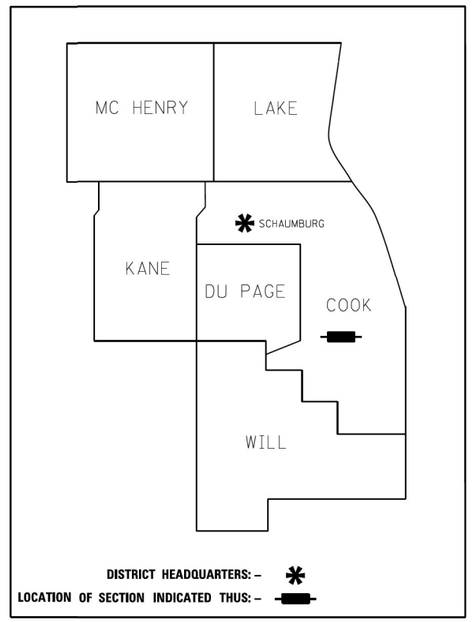
PLAT OF HIGHWAYS

US ROUTE 30 AT IL ROUTE 50
SECTION
COOK COUNTY
LIMITS: SOUTH CICERO AVE
TO LINDENWOOD DR

R–90–013–17



LOCATION MAP



PROJECT LENGTH:

US ROUTE 30	2083 FT.	=	0.395 MILES
IL ROUTE 50	1465 FT.	=	0.277 MILES
TOTAL:	3548 FT.	=	0.672 MILES

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

SANCHEZ
8604 W. CATALPA AVE STE 912
CHICAGO, IL. 60656
PHONE 773-444-0144
FAX 847-332-3104
DESIGN FIRM REGISTRATION NO: 184-004601

IDOT USE ONLY

APPROVED
By William Wright at 11:38 am, Jan 18, 2022

PROJECT: 202104

MODEL: Default
FILE NAME: Z:\18-00172-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Plan Production\Sheet\D162C38-sht-hwy 1.dgn

202104 IDOT PTB 189-005 WO4 US30 at IL 50-2D - Page 1 - Cover.dgn 1/14/2022 12:14:14 PM

Peralte-Clark LLC

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		DRAWN - ASH		REVISED -	
PLOT SCALE = 100.0000 ' / in.		CHECKED - MET		REVISED -	
PLOT DATE = 3/22/2023		DATE - 02-28-2023		REVISED -	

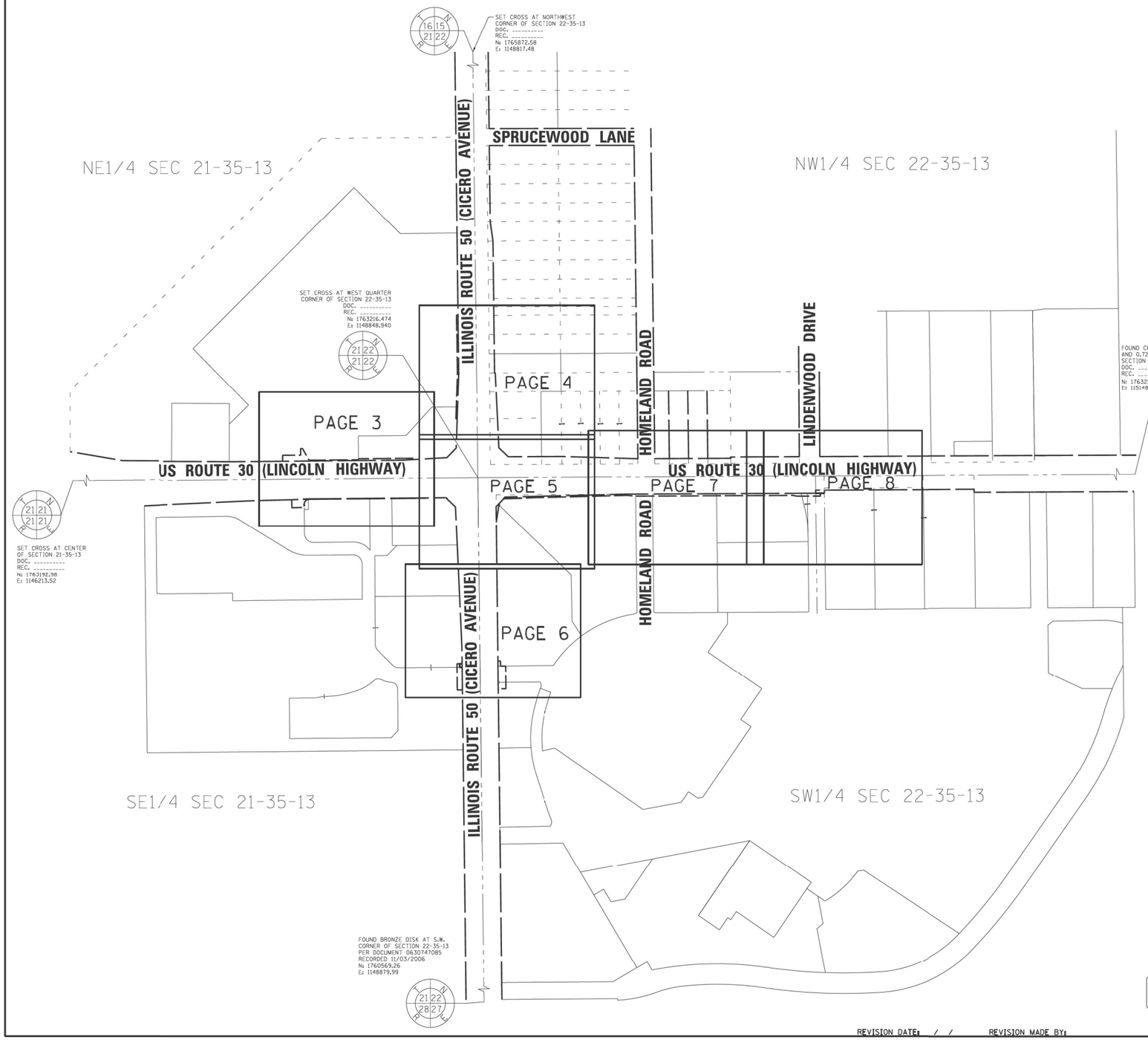
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

SCALE: N/A | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	93
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

PART OF THE E 1/2 OF SECTION 21 , TWP. 35 N., R.13 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.
PART OF THE W 1/2 OF SECTION 22 , TWP. 35 N., R.13 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.



LEGEND

SECTION CORNER

QUARTER SECTION CORNER

N

SCALE 1" = 200'
0 100 200 300 400

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APL — APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- AC — EXISTING ACCESS CONTROL LINE
- AC — PROPOSED ACCESS CONTROL LINE
- 129.32' — MEASURED DIMENSION
- 129.32' (COMP) — COMPUTED DIMENSION
- (129.32') — RECORDED DIMENSION
- EXISTING BUILDING

SURVEY NOTES
- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
- BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM 1983 (2011 ADJUSTMENT) "GRID".
- ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES DIVIDE GRID DISTANCES SHOWN BY THE COMBINED FACTOR OF 0.99988792.
- AREAS SHOWN ON THIS PLAT ARE "GROUND".

o IRON PIPE OR ROD FOUND — ⊕ 'MAG' NAIL SET
\+ CUT CROSS FOUND OR SET — ● 5 / 8" REBAR SET

● T1, T2, T3 **THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.** SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

● BT1, BT2, BT3 **THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION.** BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

■ **STAKING OF PROPOSED RIGHT OF WAY.** SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

■ M **STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.** BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)

RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
)SS
COUNTY OF COOK)

THIS IS TO CERTIFY THAT I, GERARDO P. SANCHEZ, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, LICENSE NO. 035.003486, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN PART OF SECTION 22 AND 23, TOWNSHIP 33 NORTH, RANGE 13 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CHICAGO, ILLINOIS THIS _____ DAY OF _____ 2021 A.D.

_____
GERARDO P. SANCHEZ, PRESIDENT

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035.003486
LICENSE EXPIRATION DATE: NOVEMBER 30, 2022

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

SANCHEZ
8604 W. CATALPA AVE STE 912
CHICAGO, IL. 60656
PHONE 773-444-0144
FAX 847-232-3104
DESIGN FIRM REGISTRATION NO: 184-004601

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
US ROUTE 30 AT IL ROUTE 50

LIMITS: COUNTY: COOK
SECTION: JOB NO.: R-90-013-17
STA. 27+35.62 TO STA. 48+18.19
SCALE: 1"=200' SHEET 2 OF 11 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

IDOT USE ONLY

APPROVED
By William Wright at 8:34 am, Aug 31, 2021

REVISION DATE: / / REVISION MADE BY: PROJECT: 202104

202104 IDOT PTB 189-005 WO4 US30 at IL 50-2D - Page 2 Key Sheet.dgn 8/28/2021 11:51:06 AM

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Peralte-Clark LLC

USER NAME = MET	DESIGNED - ASH	REVISED -	
	DRAWN - ASH	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - MET	REVISED -	
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

SCALE: N/A | SHEET OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	94
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

PART OF THE E 1/2 OF SECTION 21 , TWP. 35 N., R.13 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.
PART OF THE W 1/2 OF SECTION 22 , TWP. 35 N., R.13 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

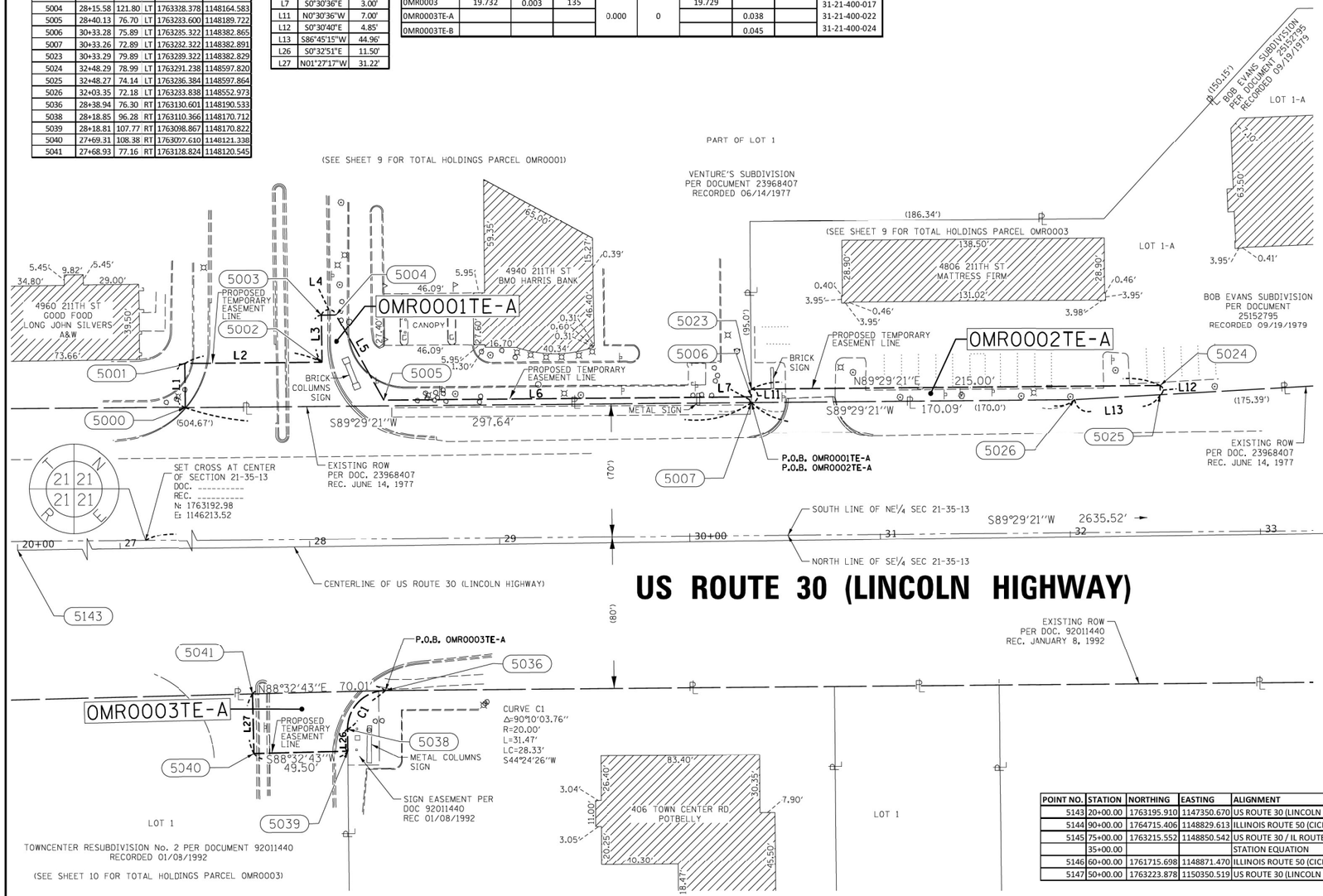
PROJECT STATION-OFFSET TABLE

POINT NO.	ILLINOIS STATE PLANE, EAST ZONE, NAD 83 (2011) PROPOSED LINCOLN HIGHWAY BASELINE				
	STATION	OFFSET		NORTHING	EASTING
5000	27+35.62	74.13	LT	1763279.669	1148085.259
5001	27+35.72	97.13	LT	1763302.668	1148085.054
5002	28+07.72	96.83	LT	1763303.310	1148157.051
5003	28+07.72	121.83	LT	1763328.308	1148156.724
5004	28+15.58	121.80	LT	1763328.378	1148164.583
5005	28+40.13	76.70	LT	1763233.600	1148189.722
5006	30+33.28	75.89	LT	1763285.322	1148382.865
5007	30+33.26	72.89	LT	1763282.322	1148382.891
5023	30+33.29	79.89	LT	1763289.322	1148382.829
5024	32+48.29	78.99	LT	1763291.238	1148597.820
5025	32+48.27	74.14	LT	1763286.384	1148597.864
5026	32+03.35	72.18	LT	1763283.838	1148552.973
5036	28+38.94	76.30	RT	1763130.601	1148190.533
5038	28+18.85	96.28	RT	1763110.366	1148170.712
5039	28+18.81	107.77	RT	1763098.867	1148170.822
5040	27+69.31	108.38	RT	1763077.610	1148121.338
5041	27+68.93	77.16	RT	1763128.824	1148120.545

LINE TABLE

NAME	BEARING	DISTANCE
L1	N0°30'38"W	23.00'
L2	N89°29'21"E	72.00'
L3	N0°45'00"W	25.00'
L4	N89°29'21"E	7.86'
L5	S29°18'39"E	51.35'
L6	N89°29'21"E	193.15'
L7	S0°30'36"E	3.00'
L11	N0°30'36"W	7.00'
L12	S0°30'40"E	4.85'
L13	S86°45'15"W	44.96'
L26	S0°32'51"E	11.50'
L27	N01°27'17"W	31.22'

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	PART TAKEN SQ FEET	AREA IN EXISTING R.O.W. ACRES	AREA IN EXISTING R.O.W. SQ FEET	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT AREA SQ FEET	PERMANENT INDEX NUMBER
0MR0001TE-A	16.958	0.000	0	0.000	0	16.958	0.074		31-21-202-031
0MR0001TE-B							0.043		31-21-202-032
0MR0002TE-A	1.170	0.000	0	0.000	0	1.170	0.033		31-21-202-013
0MR0002TE-B							0.005	235	31-21-202-014
0MR0003	19.732	0.003	135	0.000	0	19.729			31-21-400-017
0MR0003TE-A							0.038		31-21-400-022
0MR0003TE-B							0.045		31-21-400-024



POINT NO.	STATION	NORTHING	EASTING	ALIGNMENT
5143	20+00.00	1763195.910	1147350.670	US ROUTE 30 (LINCOLN HWY)
5144	90+00.00	1764715.406	1148829.613	ILLINOIS ROUTE 50 (CICERO AVE)
5145	75+00.00	1763215.552	1148850.542	US ROUTE 30 / IL ROUTE 50
	35+00.00			STATION EQUATION
5146	60+00.00	1761715.698	1148871.470	ILLINOIS ROUTE 50 (CICERO AVE)
5147	50+00.00	1763223.878	1150350.519	US ROUTE 30 (LINCOLN HWY)

LEGEND

SECTION CORNER (9 10 16 15) — QUARTER SECTION CORNER (16 — 15)

N

SCALE 1" = 30'
0 15 30 45 60

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APL APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- 129.32' MEASURED DIMENSION
- 129.32' (COMP) COMPUTED DIMENSION
- (129.32') RECORDED DIMENSION
- EXISTING BUILDING

SURVEY NOTES
- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
- BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM 1983 (2011 ADJUSTMENT) "GRID".
- ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES DIVIDE GRID DISTANCES SHOWN BY THE COMBINED FACTOR OF 0.99988792.
- AREAS SHOWN ON THIS PLAT ARE "GROUND".

- o IRON PIPE OR ROD FOUND
- ⊕ 'MAG' NAIL SET
- \+ CUT CROSS FOUND OR SET
- ● 5 / 8" REBAR SET
- ● T1, T2, T3 **THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.** SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ● BT1, BT2, BT3 **THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION.** BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ■ **STAKING OF PROPOSED RIGHT OF WAY.** SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- ■ M **STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.** BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ◉ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- □ RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
)SS
COUNTY OF COOK)

THIS IS TO CERTIFY THAT I, GERARDO P. SANCHEZ, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, LICENSE NO. 035.003486, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN PART OF SECTION 22 AND 23, TOWNSHIP 33 NORTH, RANGE 13 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CHICAGO, ILLINOIS THIS 14TH DAY OF JANUARY 2022 A.D.

Gerardo P. Sanchez
GERARDO P. SANCHEZ, PRESIDENT

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035.003486
LICENSE EXPIRATION DATE: NOVEMBER 30, 2022

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

SANCHEZ
8604 W. CATALPA AVE STE 912
CHICAGO, IL 60656
PHONE 773-444-0144
FAX 847-232-3104
DESIGN FIRM REGISTRATION NO: 184-004601

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
US ROUTE 30 AT IL ROUTE 50

LIMITS: COUNTY: COOK
SECTION: JOB NO.: R-90-013-17
STA. 27+00 TO STA. 33+00
SCALE: 1"=30' SHEET 3 OF 11 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

IDOT USE ONLY

APPROVED
By William Wright at 11:28 am, Jan 18, 2022

REVISION DATE: / / REVISION MADE BY: PROJECT: 202104

MODEL: Default
FILE NAME: Z:\18-0012-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Plan Production\Sheet\D162G38-sht-hwy 1.dgn-3.dgn

202104 IDOT PTB 189-005 WO4 US30 at IL 50-2D - Page 3.dgn 1/14/2022 12:18:29 PM

Peralte-Clark LLC

USER NAME = MET	DESIGNED - ASH	REVISED -	
	DRAWN - ASH	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - MET	REVISED -	
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -	

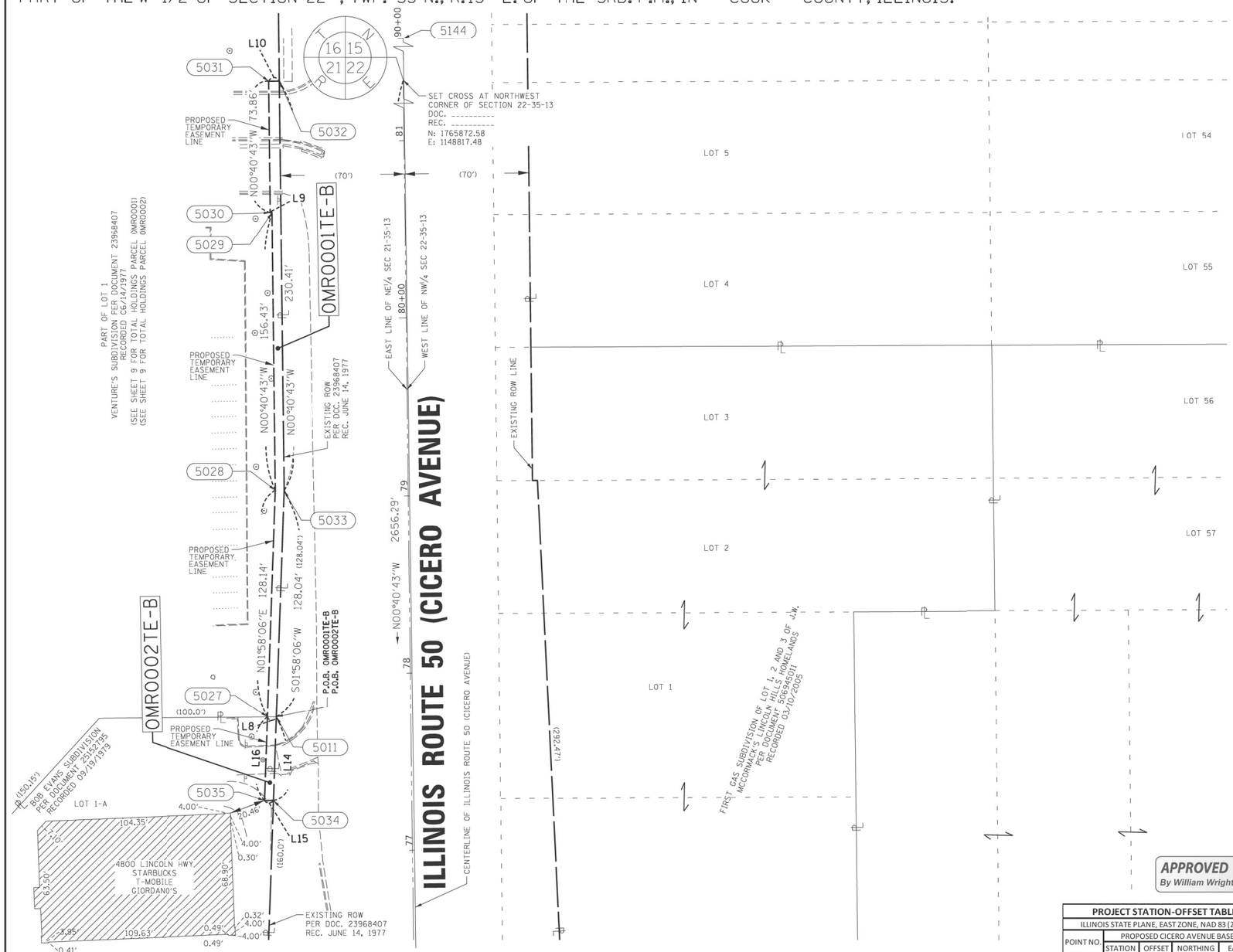
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

SCALE: N/A | SHEET OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	95
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			

PART OF THE E 1/2 OF SECTION 21 , TWP. 35 N., R.13 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.
PART OF THE W 1/2 OF SECTION 22 , TWP. 35 N., R.13 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.



LEGEND

SECTION CORNER (T 35 N, R 13 E, 9 10 16 15) — QUARTER SECTION CORNER (16 15)

N

SCALE 1" = 30'
0 15 30 45 60

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APL — APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- AC — EXISTING ACCESS CONTROL LINE
- AC — PROPOSED ACCESS CONTROL LINE
- 129.32' — MEASURED DIMENSION
- 129.32' (COMP) — COMPUTED DIMENSION
- (129.32') — RECORDED DIMENSION
- EXISTING BUILDING

SURVEY NOTES
- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
- BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM 1983 (2011 ADJUSTMENT) "GRID".
- ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES DIVIDE GRID DISTANCES SHOWN BY THE COMBINED FACTOR OF 0.99998792.
- AREAS SHOWN ON THIS PLAT ARE "GROUND".

- o IRON PIPE OR ROD FOUND
- ⊕ 'MAG' NAIL SET
- \+ CUT CROSS FOUND OR SET
- ● 5 / 8" REBAR SET

- ● T1, T2, T3 — **THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.** SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ● BT1, BT2, BT3 — **THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION.** BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ■ — **STAKING OF PROPOSED RIGHT OF WAY.** SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- ■ M — **STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.** BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ◎ — PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- □ — RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
)SS
COUNTY OF COOK)

THIS IS TO CERTIFY THAT I, GERARDO P. SANCHEZ, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, LICENSE NO. 035.003486, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN PART OF SECTION 22 AND 23, TOWNSHIP 33 NORTH, RANGE 13 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CHICAGO, ILLINOIS THIS _____ DAY OF _____ 2021 A.D.

_____
GERARDO P. SANCHEZ, PRESIDENT

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035.003486
LICENSE EXPIRATION DATE: NOVEMBER 30, 2022

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

APPROVED
By William Wright at 8:35 am, Aug 31, 2021

SANCHEZ
8604 W. CATALPA AVE STE 912
CHICAGO, IL. 60656
PHONE 773-444-0144
FAX 847-232-3104
DESIGN FIRM REGISTRATION NO: 184-004601

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	PART TAKEN SQ FEET	AREA IN EXISTING R.O.W. ACRES	AREA IN EXISTING R.O.W. SQ FEET	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT AREA SQ FEET	PERMANENT INDEX NUMBER
0MR0001TE-A	16.958	0.000	0.000	0.000	0.000	16.958	0.074		31-21-202-031
0MR0001TE-B							0.043		31-21-202-032
0MR0002TE-A	1.170	0.000	0.000	0.000	0.000	1.170	0.033		31-21-202-013
0MR0002TE-B							0.005	235	31-21-202-014

LINE TABLE		
NAME	BEARING	DISTANCE
L8	S89°29'22"W	5.00'
L9	S89°19'26"W	1.00'
L10	N89°19'19"E	6.00'
L14	S01°58'06"W	47.00'
L15	S89°29'22"W	5.00'
L16	N01°58'06"E	47.00'

PROJECT STATION-OFFSET TABLE
ILLINOIS STATE PLANE, EAST ZONE, NAD 83 (2011)

POINT NO.	PROPOSED CICERO AVENUE BASELINE STATION	OFFSET		NORTHING	EASTING
5011	77+76.15	76.92	LT	1763490.603	1148769.774
5027	77+76.18	81.93	LT	1763490.559	1148764.770
5028	79+04.17	75.74	LT	1763618.624	1148769.171
5029	80+60.60	75.41	LT	1763775.043	1148767.318
5030	80+60.60	76.41	LT	1763775.031	1148766.318
5031	81+34.46	76.25	LT	1763848.890	1148765.443
5032	81+34.45	70.25	LT	1763848.961	1148771.443
5033	79+04.04	70.74	LT	1763618.568	1148774.172
5034	77+29.20	79.19	LT	1763443.627	1148768.160
5035	77+29.23	84.20	LT	1763443.582	1148763.155

REVISION DATE: / / REVISION MADE BY: PROJECT: 202104

IDOT USE ONLY

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
US ROUTE 30 AT IL ROUTE 50

LIMITS: COUNTY: COOK
SECTION: JOB NO.: R-90-013-17
STA. 77+00 TO STA. 82+00
SCALE: 1"=30' SHEET 4 OF 11 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

202104 IDOT PTB 189-005 WO4 US30 at IL 50-2D - Page 4.dgn 8/27/2021 3:40:28 PM
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Peralte-Clark LLC

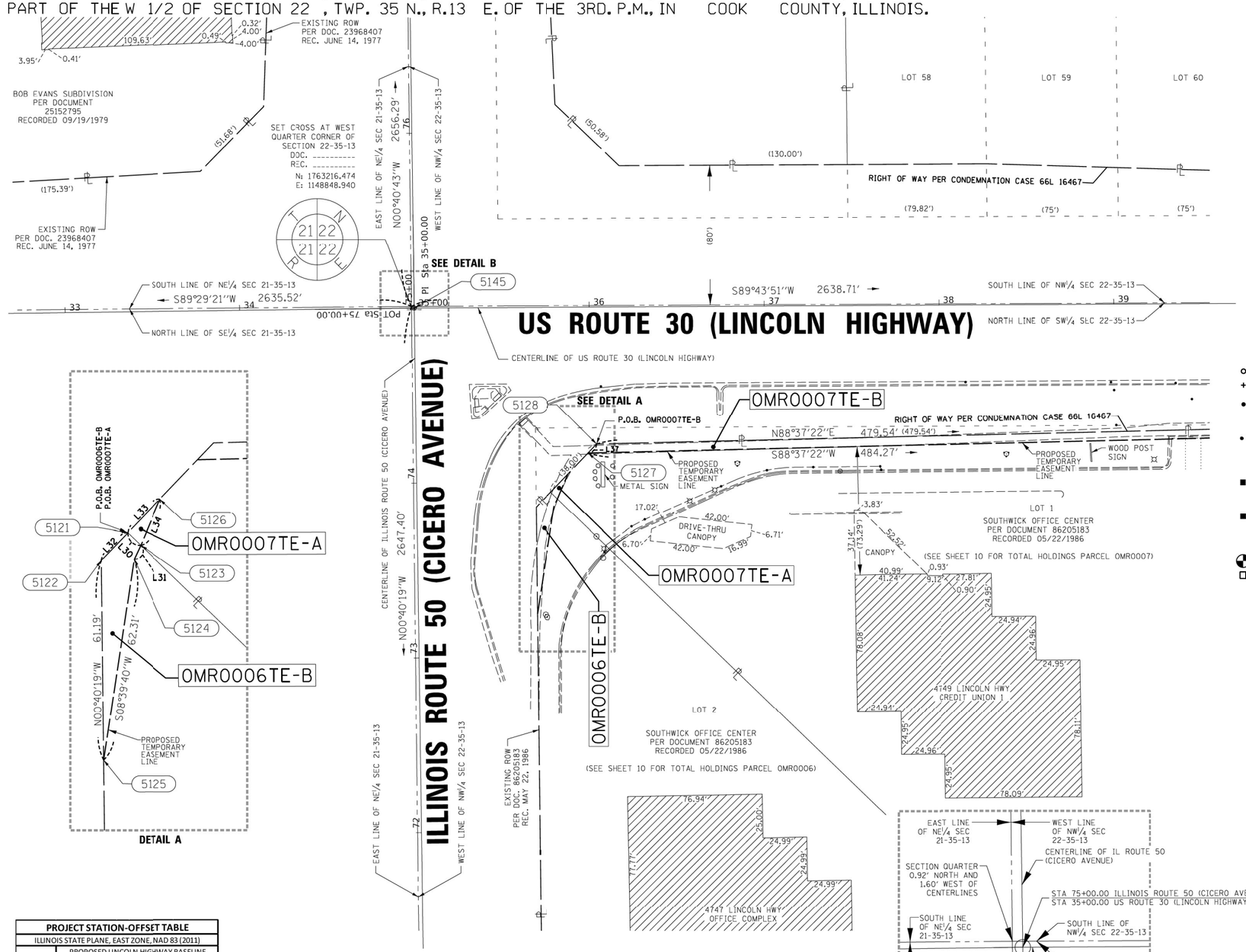
USER NAME = MET	DESIGNED - ASH	REVISED -	
	DRAWN - ASH	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - MET	REVISED -	
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS
SCALE: N/A SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	96
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			

PART OF THE E 1/2 OF SECTION 21 , TWP. 35 N., R.13 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.
PART OF THE W 1/2 OF SECTION 22 , TWP. 35 N., R.13 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.



LEGEND

SECTION CORNER (9 10 16 15) — QUARTER SECTION CORNER (16 15)

N

SCALE 1" = 30'
0 15 30 45 60

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- P PROPERTY (DEED) LINE
- APL APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- 129.32' MEASURED DIMENSION
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- AREAS SHOWN ON THIS PLAT ARE "GROUND".

- o IRON PIPE OR ROD FOUND
- ⊕ 'MAG' NAIL SET
- \+ CUT CROSS FOUND OR SET
- ● 5 / 8" REBAR SET
- ● T1 T2 T3 **THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.** SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
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- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
)SS
COUNTY OF COOK)

THIS IS TO CERTIFY THAT I, GERARDO P. SANCHEZ, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, LICENSE NO. 035.003486, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN PART OF SECTION 22 AND 23, TOWNSHIP 33 NORTH, RANGE 13 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CHICAGO, ILLINOIS THIS 5TH DAY OF JANUARY 2022 A.D.

Gerardo P. Sánchez
GERARDO P. SANCHEZ, PRESIDENT

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035.003486
LICENSE EXPIRATION DATE: NOVEMBER 30, 2022

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

SANCHEZ
8604 W. CATALPA AVE STE 912
CHICAGO, IL. 60656
PHONE 773-444-0144
FAX 847-232-3104
DESIGN FIRM REGISTRATION NO: 184-004601

PROJECT STATION-OFFSET TABLE
ILLINOIS STATE PLANE, EAST ZONE, NAD 83 (2011)

POINT NO.	PROPOSED LINCOLN HIGHWAY BASELINE			
	STATION	OFFSET	NORTHING	EASTING
5121	35+77.32	105.64 RT	1763110.340	1148928.448
5122	35+69.11	114.06 RT	1763101.873	1148920.288
5123	35+81.26	109.48 RT	1763106.523	1148932.408
5124	35+79.22	113.71 RT	1763102.284	1148930.389
5125	35+69.49	175.25 RT	1763040.688	1148921.006
5126	35+87.28	95.42 RT	1763120.615	1148938.350
5127	35+98.88	83.52 RT	1763132.582	1148949.883
5128	36+03.84	78.43 RT	1763137.702	1148954.817

LINE TABLE

NAME	BEARING	DISTANCE
L30	S46°03'34"E	5.50'
L31	S25°28'21"W	4.70'
L32	N43°56'25"E	11.76'
L33	N43°56'25"E	14.27'
L34	S22°51'45"W	15.29'
L37	N43°56'25"E	7.11'

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	PART TAKEN SQ FEET	AREA IN EXISTING R.O.W. ACRES	AREA IN EXISTING R.O.W. SQ FEET	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT AREA SQ FEET	PERMANENT INDEX NUMBER
0MR0006TE-A	3.274	0.000	0.000	0.000	0.000	3.274	0.005	200	31-22-300-059
0MR0006TE-B							0.008	362	
0MR0007TE-A	4.001	0.000	0.000	0.000	0.000	4.001	0.001	39	31-22-300-058
0MR0007TE-B							0.060	2616	

IDOT USE ONLY

APPROVED
By William Wright at 1:27 pm, Jan 10, 2022

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
US ROUTE 30 AT IL ROUTE 50

LIMITS: COUNTY: COOK
SECTION: JOB NO.: R-90-013-17
STA. 33+00 TO STA. 40+00
SCALE: 1"=30' SHEET 5 OF 11 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

REVISION DATE: / / REVISION MADE BY: PROJECT: 202104

202104 IDOT PTB 189-005 WO4 US30 at IL 50-2D - Page 5.dgn 1/5/2022 9:42:06 AM

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Peralte-Clark LLC

USER NAME = MET	DESIGNED - ASH	REVISED -	
	DRAWN - ASH	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - MET	REVISED -	
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

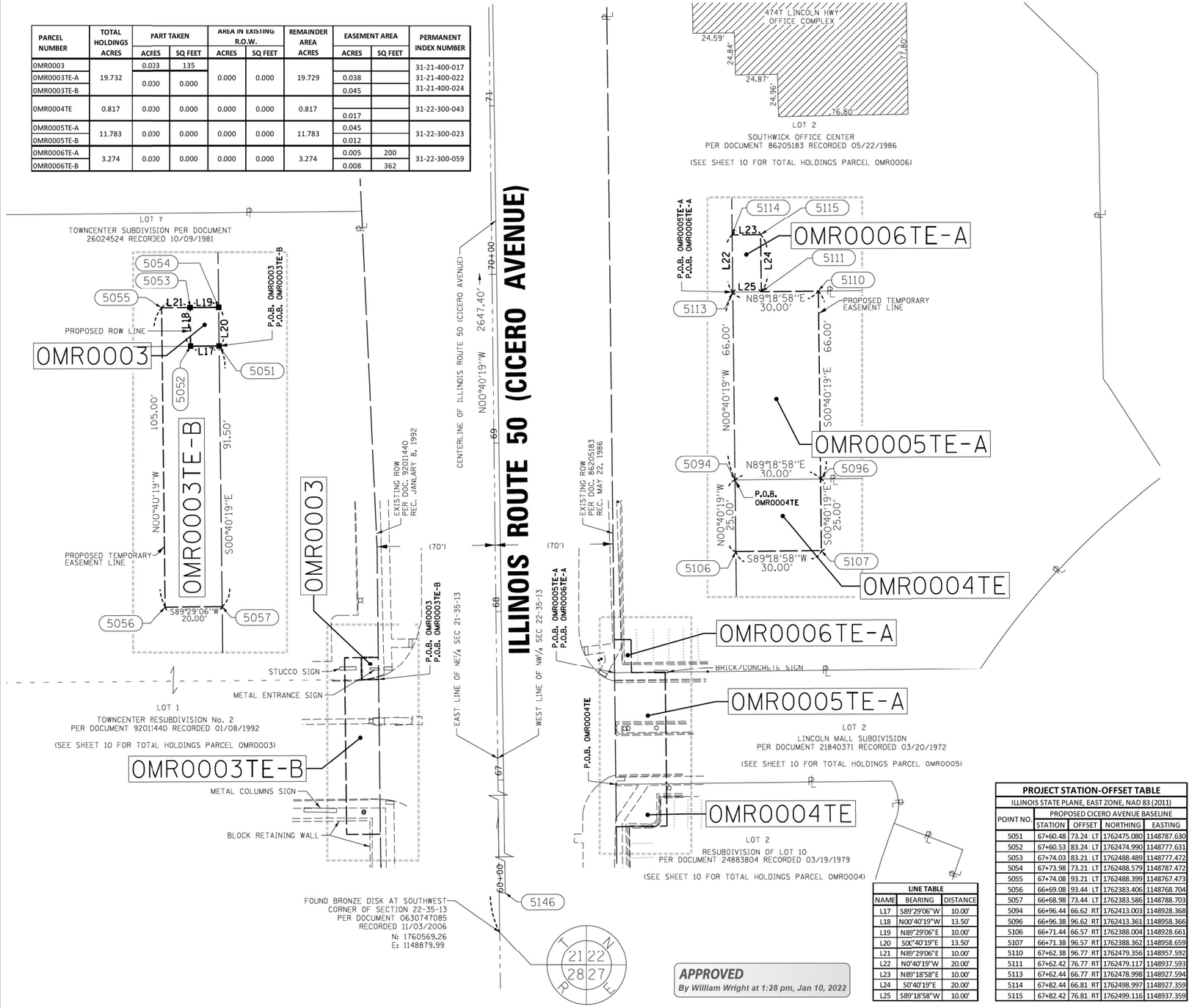
PLAT OF HIGHWAYS

SCALE: N/A | SHEET OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	97
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			

PART OF THE E 1/2 OF SECTION 21 , TWP. 35 N., R.13 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.
PART OF THE W 1/2 OF SECTION 22 , TWP. 35 N., R.13 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN		AREA IN EXISTING R.O.W.		REMAINDER AREA ACRES	EASEMENT AREA		PERMANENT INDEX NUMBER
		ACRES	SQ FEET	ACRES	SQ FEET		ACRES	SQ FEET	
0MR0003	19.732	0.033	135	0.000	0.000	19.729			31-21-400-017
0MR0003TE-A		0.000	0.000				0.038		31-21-400-022
0MR0003TE-B							0.045		31-21-400-024
0MR0004TE	0.817	0.000	0.000	0.000	0.000	0.817			31-22-300-043
							0.017		
0MR0005TE-A	11.783	0.000	0.000	0.000	0.000	11.783	0.045		31-22-300-023
0MR0005TE-B							0.012		
0MR0006TE-A	3.274	0.000	0.000	0.000	0.000	3.274	0.005	200	31-22-300-059
0MR0006TE-B							0.008	362	



LINE TABLE		
NAME	BEARING	DISTANCE
L17	S89°29'06"W	10.00'
L18	N00°40'19"W	13.50'
L19	N89°29'06"E	10.00'
L20	S0(°40'19"E	13.50'
L21	N89°29'06"E	10.00'
L22	N0°40'19"W	20.00'
L23	N89°18'58"E	10.00'
L24	S0°40'19"E	20.00'
L25	S89°18'58"W	10.00'

PROJECT STATION-OFFSET TABLE					
ILLINOIS STATE PLANE, EAST ZONE, NAD 83 (2011)					
POINT NO.	PROPOSED CICERO AVENUE BASELINE				
	STATION	OFFSET		NORTHING	EASTING
5051	67+60.48	73.24	LT	1762475.080	1148787.630
5052	67+60.53	83.24	LT	1762474.990	1148777.631
5053	67+74.03	83.21	LT	1762488.489	1148777.472
5054	67+73.98	73.21	LT	1762488.579	1148787.472
5055	67+74.08	93.21	LT	1762488.399	1148767.473
5056	66+69.08	93.44	LT	1762383.406	1148768.704
5057	66+68.98	73.44	LT	1762383.586	1148788.703
5094	66+96.44	66.62	RT	1762413.003	1148928.368
5096	66+96.38	96.62	RT	1762413.361	1148958.366
5106	66+71.44	96.57	RT	1762388.004	1148928.661
5107	66+71.38	96.57	RT	1762388.362	1148958.659
5110	67+62.38	96.77	RT	1762479.356	1148957.592
5111	67+62.42	76.77	RT	1762479.117	1148937.593
5113	67+62.44	66.77	RT	1762478.998	1148927.594
5114	67+82.44	66.81	RT	1762498.997	1148927.359
5115	67+82.42	76.81	RT	1762499.116	1148937.359

APPROVED
By William Wright at 1:28 pm, Jan 10, 2022

LEGEND

SECTION CORNER (9 10 16 15) — QUARTER SECTION CORNER (16 — 15)

N

SECTION / QUARTER SECTION LINE
PLATTED LOT LINES
P PROPERTY (DEED) LINE
APL APPARENT PROPERTY LINE
EXISTING CENTERLINE
PROPOSED CENTERLINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
EXISTING EASEMENT
PROPOSED EASEMENT
EXISTING ACCESS CONTROL LINE
PROPOSED ACCESS CONTROL LINE
129.32' MEASURED DIMENSION
129.32' (COMP) COMPUTED DIMENSION
(129.32') RECORDED DIMENSION
EXISTING BUILDING

SCALE 1" = 30'
0 15 30 45 60

SURVEY NOTES
- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
- BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM 1983 (2011 ADJUSTMENT) "GRID".
- ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES DIVIDE GRID DISTANCES SHOWN BY THE COMBINED FACTOR OF 0.99988792.
- AREAS SHOWN ON THIS PLAT ARE "GROUND".

o IRON PIPE OR ROD FOUND ⊕ 'MAG' NAIL SET
\+ CUT CROSS FOUND OR SET ● 5 / 8" REBAR SET

● T1 T2 T3 **THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.** SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

● BT1 BT2 BT3 **THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION.** BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

■ **STAKING OF PROPOSED RIGHT OF WAY.** SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

■ M **STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.** BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
)SS
COUNTY OF COOK)

THIS IS TO CERTIFY THAT I, GERARDO P. SANCHEZ, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, LICENSE NO. 035.003486, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN PART OF SECTION 22 AND 23, TOWNSHIP 33 NORTH, RANGE 13 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CHICAGO, ILLINOIS THIS 5TH DAY OF JANUARY 2022 A.D.

Gerardo P. Sánchez
GERARDO P. SANCHEZ, PRESIDENT

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035.003486
LICENSE EXPIRATION DATE: NOVEMBER 30, 2022

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

SANCHEZ
8604 W. CATALPA AVE STE 912
CHICAGO, IL. 60656
PHONE 773-444-0144
FAX 847-232-3104
DESIGN FIRM REGISTRATION NO: 184-004601

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
US ROUTE 30 AT IL ROUTE 50

LIMITS: COUNTY: COOK
SECTION: JOB NO.: R-90-013-17
STA. 66+00 TO STA. 71+00
SCALE: 1"=30' SHEET 6 OF 11 SHEETS

IDOT USE ONLY

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

REVISION DATE: / / REVISION MADE BY: PROJECT: 202104

202104 IDOT PTB 189-005 WO4 US30 at IL 50-2D - Page 6.dgn 1/5/2022 1:39:34 PM

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Peralte-Clark LLC

USER NAME = MET	DESIGNED - ASH	REVISED -	
	DRAWN - ASH	REVISED -	
PLOT SCALE = 100.0000 ' / In.	CHECKED - MET	REVISED -	
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -	

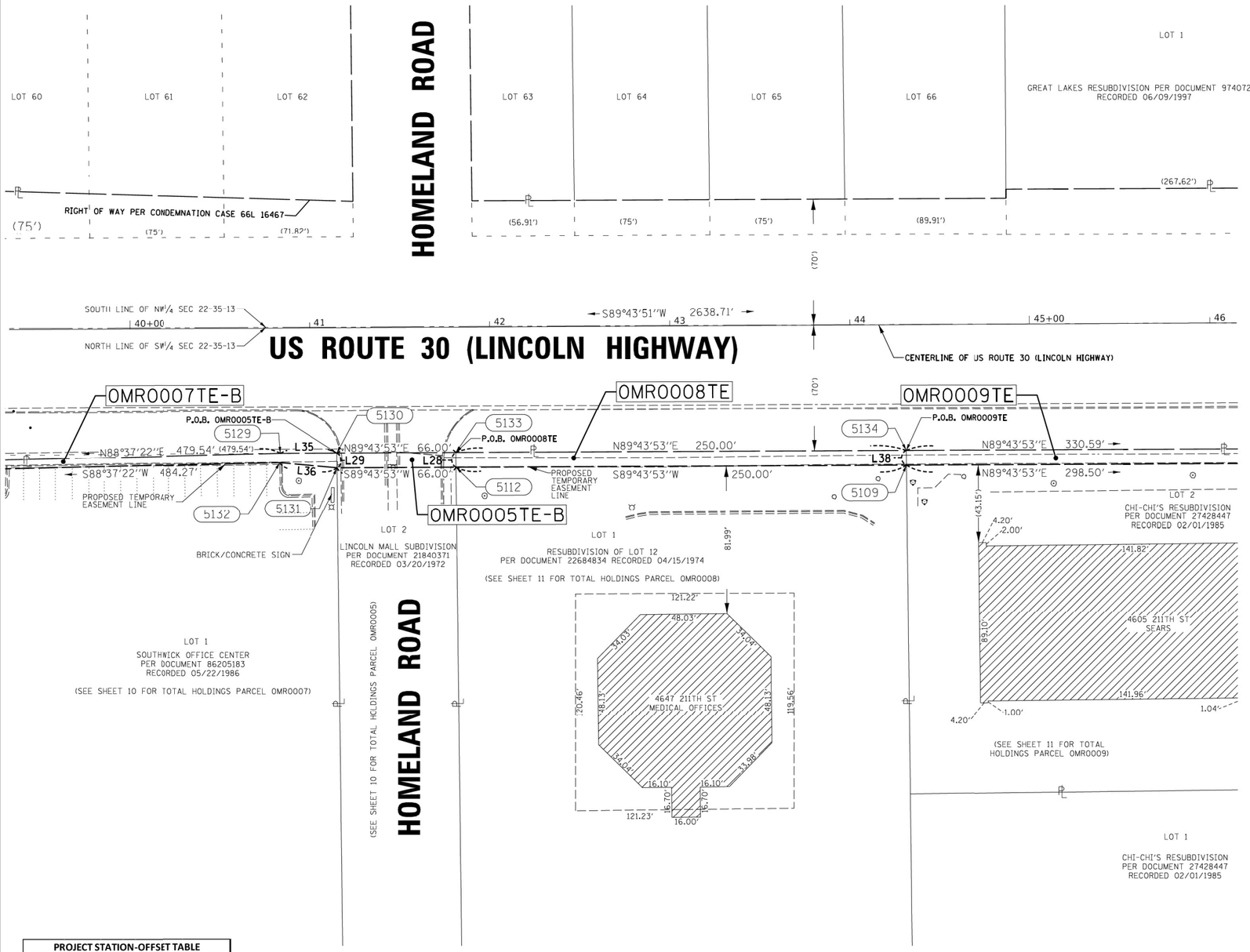
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

SCALE: N/A | SHEET OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	98
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

PART OF THE E 1/2 OF SECTION 21 , TWP. 35 N., R.13 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.
PART OF THE W 1/2 OF SECTION 22 , TWP. 35 N., R.13 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.



LEGEND

SECTION CORNER (9 10 16 15) — QUARTER SECTION CORNER (16 — 15)

N

SCALE 1" = 30'
0 15 30 45 60

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE (APL)
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- 129.32' MEASURED DIMENSION
- 129.32' (COMP) COMPUTED DIMENSION
- (129.32') RECORDED DIMENSION
- EXISTING BUILDING

SURVEY NOTES
- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
- BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM 1983 (2011 ADJUSTMENT) "GRID".
- ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES DIVIDE GRID DISTANCES SHOWN BY THE COMBINED FACTOR OF 0.99988792.
- AREAS SHOWN ON THIS PLAT ARE "GROUND".

o IRON PIPE OR ROD FOUND — ⊕ 'MAG' NAIL SET
\+ CUT CROSS FOUND OR SET — ● 5 / 8" REBAR SET

● T1 T2 T3 **THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.** SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

● BT1 BT2 BT3 **THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION.** BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

■ **STAKING OF PROPOSED RIGHT OF WAY.** SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

■ M **STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.** BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)

RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
)SS
COUNTY OF COOK)

THIS IS TO CERTIFY THAT I, GERARDO P. SANCHEZ, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, LICENSE NO. 035.003486, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN PART OF SECTION 22 AND 23, TOWNSHIP 33 NORTH, RANGE 13 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CHICAGO, ILLINOIS THIS 14TH DAY OF JANUARY 2022 A.D.

Gerardo P. Sánchez
GERARDO P. SANCHEZ, PRESIDENT

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035.003486
LICENSE EXPIRATION DATE: NOVEMBER 30, 2022

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

SANCHEZ
8604 W. CATALPA AVE STE 912
CHICAGO, IL. 60656
PHONE 773-444-0144
FAX 847-232-3104
DESIGN FIRM REGISTRATION NO: 184-004601

PROJECT STATION-OFFSET TABLE
ILLINOIS STATE PLANE, EAST ZONE, NAD 83 (2011)

POINT NO.	PROPOSED LINCOLN HIGHWAY BASELINE				
	STATION	OFFSET		NORTHING	EASTING
5109	44+30.92	77.86	RT	1763142.859	1149781.881
5112	41+80.92	77.65	RT	1763141.686	1149531.884
5129	40+83.30	69.56	RT	1763149.226	1149434.218
5130	41+14.87	69.59	RT	1763149.377	1149465.788
5131	41+14.92	77.59	RT	1763141.377	1149465.883
5132	40+83.06	74.57	RT	1763141.222	1149434.010
5133	41+80.87	69.65	RT	1763149.686	1149531.789
5134	44+30.87	69.86	RT	1763150.858	1149781.786

LINE TABLE

NAME	BEARING	DISTANCE
L28	S0°41'02"E	8.00'
L29	N0°41'02"W	8.00'
L35	N89°43'51"E	31.57'
L36	N84°53'57"W	32.00'
L38	S0°41'02"E	8.00'

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	PART TAKEN SQ FEET	AREA IN EXISTING R.O.W. ACRES	AREA IN EXISTING R.O.W. SQ FEET	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT AREA SQ FEET	PERMANENT INDEX NUMBER
0MR0005TE-A	11.783	0.000	0.000	0.000	0.000	11.783	0.045		31-22-300-023
0MR0005TE-B							0.012		
0MR0007TE-A	4.001	0.000	0.000	0.000	0.000	4.001	0.000	39	31-22-300-058
0MR0007TE-B							0.060		
0MR0008TE	2.655	0.000	0.000	0.000	0.000	2.655	0.046		31-22-300-034
0MR0009TE	1.512	0.000	0.000	0.000	0.000	1.512	0.063		31-22-300-057

IDOT USE ONLY

APPROVED
By William Wright at 11:29 am, Jan 18, 2022

REVISION DATE: / / REVISION MADE BY: PROJECT: 202104

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
US ROUTE 30 AT IL ROUTE 50

LIMITS: COUNTY: COOK
SECTION: JOB NO.: R-90-013-17
STA. 39+00 TO STA. 46+00
SCALE: 1"=30' SHEET 7 OF 11 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

202104 IDOT PTB 189-005 WO4 US30 at IL 50-2D - Page 7.dgn 1/14/2022 12:25:51 PM
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Peralte-Clark LLC

USER NAME = MET	DESIGNED - ASH	REVISED -	
	DRAWN - ASH	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - MET	REVISED -	
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -	

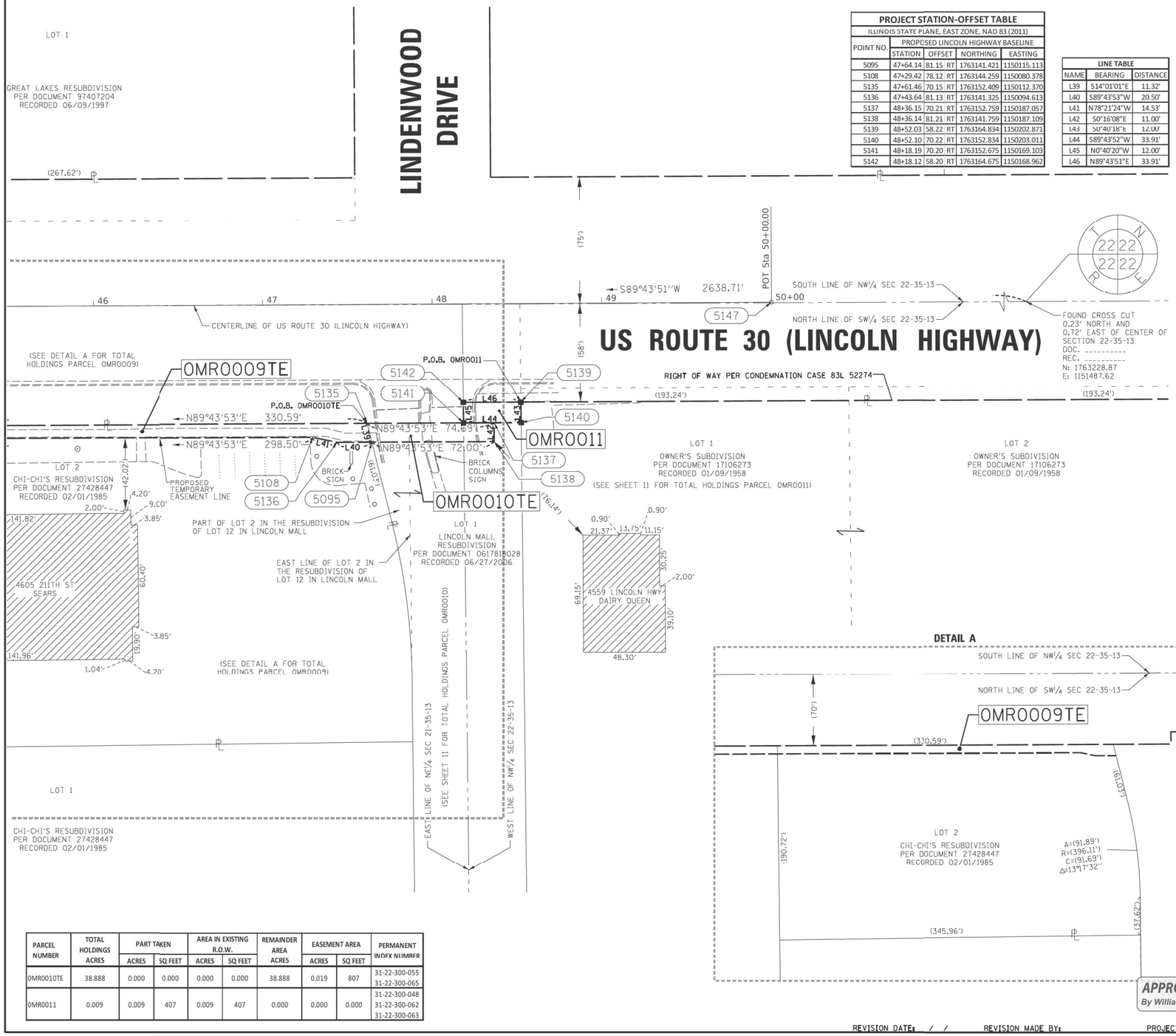
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

SCALE: N/A | SHEET OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	99
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

PART OF THE E 1/2 OF SECTION 21 , TWP. 35 N., R.13 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.
PART OF THE W 1/2 OF SECTION 22 , TWP. 35 N., R.13 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.



PROJECT STATION-OFFSET TABLE
ILLINOIS STATE PLANE, EAST ZONE, NAD 83 (2011)

POINT NO.	PROPOSED LINCOLN HIGHWAY BASELINE			
	STATION	OFFSET	NORTHING	EASTING
5095	47+64.14	81.15 RT	1763141.421	1150115.113
5108	47+29.42	78.12 RT	1763144.259	1150080.378
5135	47+61.46	70.15 RT	1763152.409	1150112.370
5136	47+43.64	81.13 RT	1763141.325	1150094.613
5137	48+36.15	70.21 RT	1763152.759	1150187.057
5138	48+36.14	81.21 RT	1763141.759	1150187.109
5139	48+52.03	58.22 RT	1763164.834	1150202.871
5140	48+52.10	70.22 RT	1763152.834	1150203.011
5141	48+18.19	70.20 RT	1763152.675	1150169.103
5142	48+18.12	58.20 RT	1763164.675	1150168.962

LINE TABLE

NAME	BEARING	DISTANCE
L39	S14°01'01"E	11.32'
L40	S89°43'53"W	20.50'
L41	N78°21'24"W	14.53'
L42	S0°16'08"E	11.00'
L43	S0°40'18"E	12.00'
L44	S89°43'52"W	33.91'
L45	N0°40'20"W	12.00'
L46	N89°43'51"E	33.91'

LEGEND

SECTION CORNER
QUARTER SECTION CORNER
SCALE 1" = 30'
0 15 30 45 60

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APL — APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- AC — EXISTING ACCESS CONTROL LINE
- AC — PROPOSED ACCESS CONTROL LINE
- 129.32' — MEASURED DIMENSION
- 129.32' (COMP) — COMPUTED DIMENSION
- (129.32') — RECORDED DIMENSION
- EXISTING BUILDING

SURVEY NOTES
- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
- BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM 1983 (2011 ADJUSTMENT) "GRID".
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- AREAS SHOWN ON THIS PLAT ARE "GROUND".

- o IRON PIPE OR ROD FOUND
- ⊕ 'MAG' NAIL SET
- \+ CUT CROSS FOUND OR SET
- ● 5 / 8" REBAR SET

- ● T1, T2, T3 — **THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.** SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ● BT1, BT2, BT3 — **THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION.** BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ■ — **STAKING OF PROPOSED RIGHT OF WAY.** SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- ■ M — **STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.** BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
)SS
COUNTY OF COOK)

THIS IS TO CERTIFY THAT I, GERARDO P. SANCHEZ, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, LICENSE NO. 035.003486, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN PART OF SECTION 22 AND 23, TOWNSHIP 33 NORTH, RANGE 13 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, IHAI THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CHICAGO, ILLINOIS THIS _____ DAY OF _____ 2021 A.D.

_____
GERARDO P. SANCHEZ, PRESIDENT

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035.003486
LICENSE EXPIRATION DATE: NOVEMBER 30, 2022

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

SANCHEZ
8604 W. CATALPA AVE STE 912
CHICAGO, IL. 60656
PHONE 773-444-0144
FAX 847-232-3104
DESIGN FIRM REGISTRATION NO: 184-004601

DETAIL A

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN		AREA IN EXISTING R.O.W.		REMAINDER AREA ACRES	EASEMENT AREA		PERMANENT INDEX NUMBER
		ACRES	SQ FEET	ACRES	SQ FEET		ACRES	SQ FEET	
OMR0010TE	38.888	0.000	0.000	0.000	0.000	38.888	0.019	807	31-22-300-055 31-22-300-065
OMR0011	0.009	0.009	407	0.009	407	0.000	0.000	0.000	31-22-300-048 31-22-300-062 31-22-300-063

IDOT USE ONLY

APPROVED
By William Wright at 8:35 am, Aug 31, 2021

REVISION DATE: / / REVISION MADE BY: PROJECT: 202104

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
US ROUTE 30 AT IL ROUTE 50

LIMITS: COUNTY: COOK
SECTION: JOB NO.: R-90-013-17
STA. 46+00 TO STA. 50+00
SCALE: 1"=30' SHEET 8 OF 11 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

202104 IDOT PTB 189-005 WO4 US30 at IL 50-2D - Page 8.dgn 8/30/2021 9:52:30 AM
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Peralte-Clark LLC

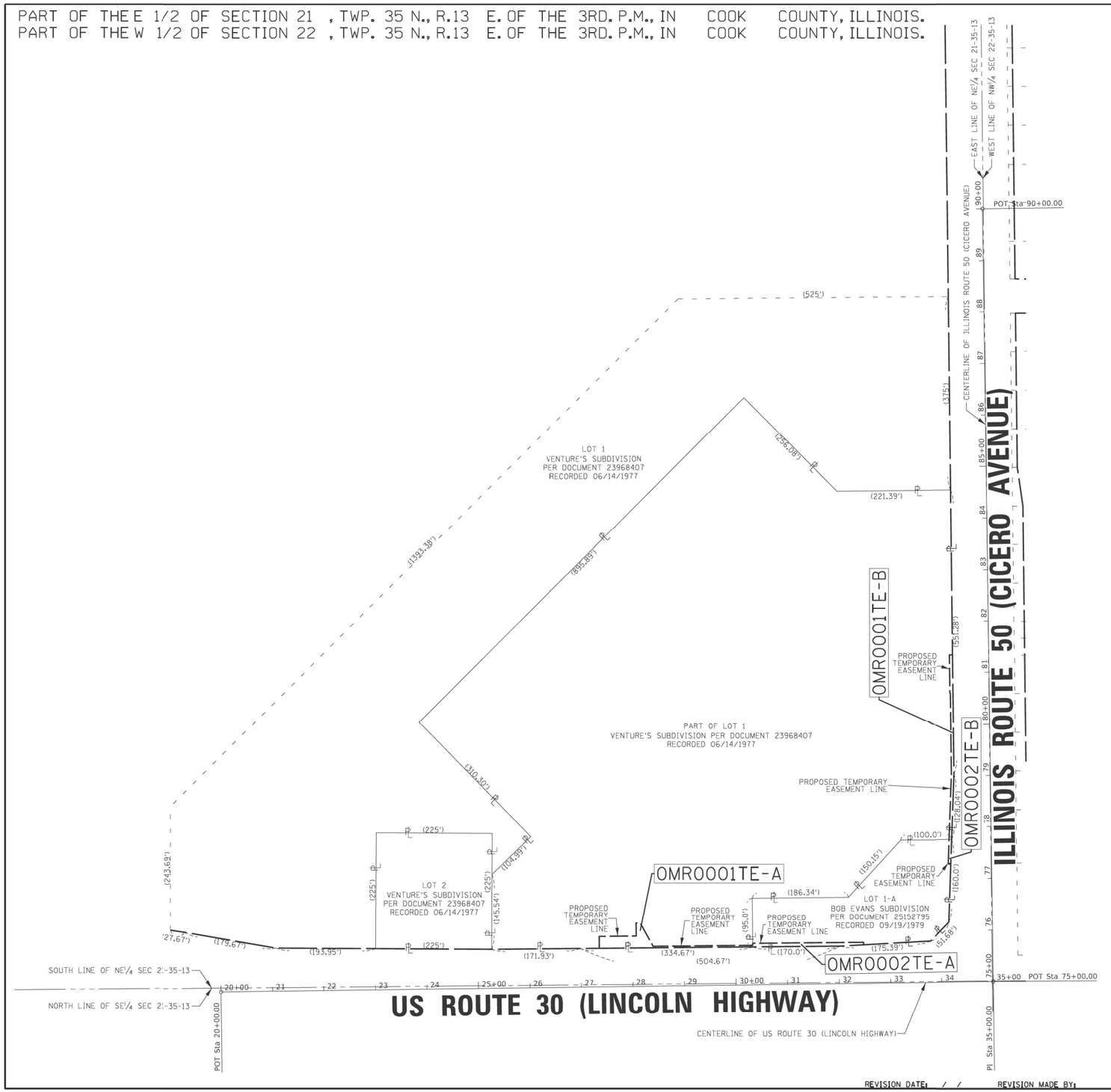
USER NAME = MET	DESIGNED - ASH	REVISED -	
	DRAWN - ASH	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - MET	REVISED -	
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS
SCALE: N/A | SHEET OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	100
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			

PART OF THE E 1/2 OF SECTION 21 , TWP. 35 N., R.13 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.
PART OF THE W 1/2 OF SECTION 22 , TWP. 35 N., R.13 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.



LEGEND

SECTION CORNER

QUARTER SECTION CORNER

N

SCALE 1" = 100'
0 50 100 150 200

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- 129.32' MEASURED DIMENSION
- 129.32' (COMP) COMPUTED DIMENSION
- (129.32') RECORDED DIMENSION
- EXISTING BUILDING

SURVEY NOTES
- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
- BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM 1983 (2011 ADJUSTMENT) "GRID".
- ALL MEASURED AND CALCULATED DISTANCES ARE "GRID" NOT "GROUND". TO OBTAIN GROUND DISTANCES DIVIDE GRID DISTANCES SHOWN BY THE COMBINED FACTOR OF 0.99988792.
- AREAS SHOWN ON THIS PLAT ARE "GROUND".

o IRON PIPE OR ROD FOUND ⊕ "MAG" NAIL SET

\+ CUT CROSS FOUND OR SET ● 5 / 8" REBAR SET

● T1 T2 T3 **THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.** SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

● BT1 BT2 BT3 **THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION.** BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE. IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

■ **STAKING OF PROPOSED RIGHT OF WAY.** SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

■ M **STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS.** BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)

RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
)SS
COUNTY OF COOK)

THIS IS TO CERTIFY THAT I, GERARDO P. SANCHEZ, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, LICENSE NO. 035.003486, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN PART OF SECTION 22 AND 23, TOWNSHIP 33 NORTH, RANGE 13 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CHICAGO, ILLINOIS THIS _____ DAY OF _____ 2021 A.D.

_____
GERARDO P. SANCHEZ, PRESIDENT

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035.003486
LICENSE EXPIRATION DATE: NOVEMBER 30, 2022

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

SANCHEZ
8604 W. CATALPA AVE STE 912
CHICAGO, IL. 60656
PHONE 773-444-0144
FAX 847-232-3104
DESIGN FIRM REGISTRATION NO: 184-004601

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
US ROUTE 30 AT IL ROUTE 50

LIMITS: COUNTY: COOK
SECTION: JOB NO.: R-90-013-17
STA. TO STA.
SCALE: 1"=100' SHEET 9 OF 11 SHEETS

IDOT USE ONLY

APPROVED
By William Wright at 8:35 am, Aug 31, 2021

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

REVISION DATE: / / REVISION MADE BY: PROJECT: 202104

202104 IDOT PTB 189-005 WO4 US30 at IL 50-2D - Page 9 Total Holdings.dgn 8/28/2021 10:27:33 AM

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Peralte-Clark LLC

USER NAME = MET	DESIGNED - ASH	REVISED -
	DRAWN - ASH	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - MET	REVISED -
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -

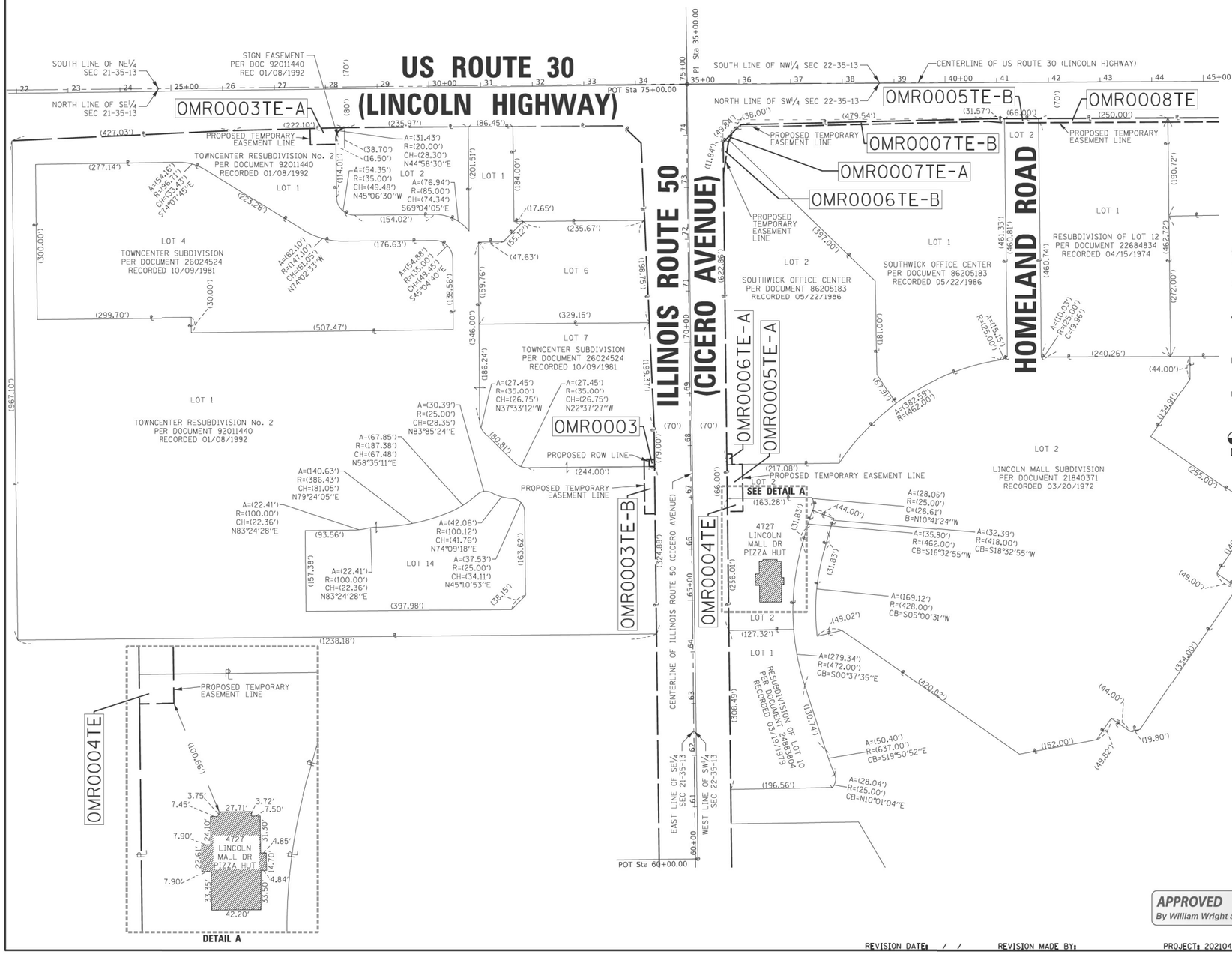
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAT OF HIGHWAYS

SCALE: N/A | SHEET OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	101
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

PART OF THE E 1/2 OF SECTION 21 , TWP. 35 N., R.13 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.
PART OF THE W 1/2 OF SECTION 22 , TWP. 35 N., R.13 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.



LEGEND

SECTION CORNER — QUARTER SECTION CORNER

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- PROPOSED CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- EXISTING ACCESS CONTROL LINE
- PROPOSED ACCESS CONTROL LINE
- MEASURED DIMENSION
- COMPUTED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

GRAPHIC SCALE FEET 0 100
SCALE: 1"= 100'

SURVEY NOTES
- ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.
- BEARINGS AND DISTANCES SHOWN HEREON REFERENCE THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NORTH AMERICAN DATUM 1983 (2011 ADJUSTMENT) "GRID".
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- AREAS SHOWN ON THIS PLAT ARE "GROUND".

- IRON PIPE OR ROD FOUND
- 'MAG' NAIL SET
- CUT CROSS FOUND OR SET
- 5 / 8" REBAR SET

T1, T2, T3 — **THESE STAKES REFERENCE FOUND OR SET MONUMENTATION.** SET 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

BT1, BT2, BT3 — **THESE STAKES, IN CULTIVATED AREAS, REFERENCE FOUND OR SET MONUMENTATION.** BURIED 5/8 INCH IRON ROD 20 INCHES BELOW GROUND TO TIE FOUND IRON STAKE, IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

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PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)

RIGHT OF WAY STAKING PROPOSED TO BE SET

STATE OF ILLINOIS)
)SS
COUNTY OF COOK)

THIS IS TO CERTIFY THAT I, GERARDO P. SANCHEZ, AN ILLINOIS PROFESSIONAL LAND SURVEYOR, LICENSE NO. 035.003486, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN PART OF SECTION 22 AND 23, TOWNSHIP 33 NORTH, RANGE 13 EAST OF THE THIRD PRINCIPAL MERIDIAN, COOK COUNTY, IHAI THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED, MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

DATED AT CHICAGO, ILLINOIS THIS _____ DAY OF _____ 2021 A.D.

_____
GERARDO P. SANCHEZ, PRESIDENT

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035.003486
LICENSE EXPIRATION DATE: NOVEMBER 30, 2022

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

SANCHEZ
8604 W. CATALPA AVE STE 912
CHICAGO, IL. 60656
PHONE 773-444-0144
FAX 847-232-3104
DESIGN FIRM REGISTRATION NO: 184-004601

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
US ROUTE 30 AT IL ROUTE 50

LIMITS: COUNTY: COOK
SECTION: JOB NO.: R-90-013-17
STA. TO STA.
SCALE: 1"=100' SHEET 10 OF 11 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

IDOT USE ONLY

APPROVED
By William Wright at 8:35 am, Aug 31, 2021

REVISION DATE: / / REVISION MADE BY: PROJECT: 202104

Peralte-Clark LLC

USER NAME = MET	DESIGNED - ASH	REVISED -	
	DRAWN - ASH	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - MET	REVISED -	
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

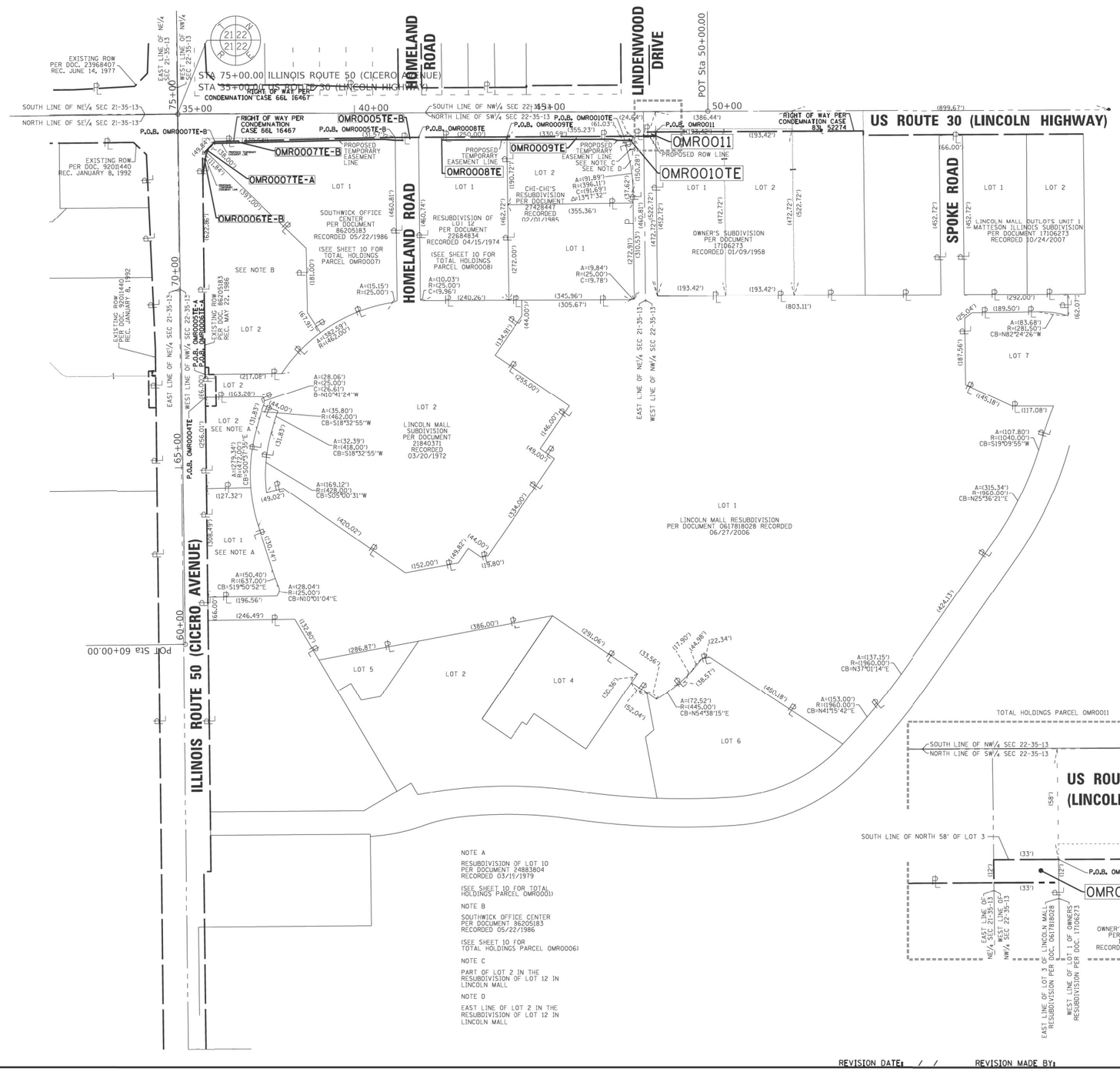
PLAT OF HIGHWAYS

SCALE: N/A | SHEET OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	102
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

MODEL: Default
FILE NAME: Z:\18-00124-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Plan Production\Sheets\D162G38-alt-Hwy plat-10.dgn

PART OF THE E 1/2 OF SECTION 21 , TWP. 35 N., R.13 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.
PART OF THE W 1/2 OF SECTION 22 , TWP. 35 N., R.13 E. OF THE 3RD. P.M., IN COOK COUNTY, ILLINOIS.



NOTE A
RESUBDIVISION OF LOT 10 PER DOCUMENT 24883804 RECORDED 03/15/1979
(SEE SHEET 10 FOR TOTAL HOLDINGS PARCEL OMR0001)

NOTE B
SOUTHWICK OFFICE CENTER PER DOCUMENT 86205183 RECORDED 05/22/1986
(SEE SHEET 10 FOR TOTAL HOLDINGS PARCEL OMR0006)

NOTE C
PART OF LOT 2 IN THE RESUBDIVISION OF LOT 12 IN LINCOLN MALL

NOTE D
EAST LINE OF LOT 2 IN THE RESUBDIVISION OF LOT 12 IN LINCOLN MALL

LEGEND

SECTION CORNER — QUARTER SECTION CORNER

- SECTION / QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
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- PROPOSED CENTERLINE
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- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- AC — EXISTING ACCESS CONTROL LINE
- AC — PROPOSED ACCESS CONTROL LINE
- 129.32' MEASURED DIMENSION
- 129.32' (COMP) COMPUTED DIMENSION
- (129.32') RECORDED DIMENSION
- EXISTING BUILDING

GRAPHIC SCALE FEET
SCALE 1" = 150'
0 75 150 225 300

SURVEY NOTES
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- AREAS SHOWN ON THIS PLAT ARE "GROUND".

- o IRON PIPE OR ROD FOUND
- ⊕ 'MAG' NAIL SET
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T1, T2, T3 THESE STAKES REFERENCE FOUND OR SET MONUMENTATION. SEE 5/8 INCH IRON ROD FLUSH WITH GROUND TO TIE FOUND IRON STAKE IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

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PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)

RIGHT OF WAY STAKING PROPOSED TO BE SET

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DATED AT CHICAGO, ILLINOIS THIS _____ DAY OF _____ 2021 A.D.

_____
GERARDO P. SANCHEZ, PRESIDENT

ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035.003486
LICENSE EXPIRATION DATE: NOVEMBER 30, 2022

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

SANCHEZ
8604 W. CATALPA AVE STE 912
CHICAGO, IL. 60656
PHONE 773-444-0144
FAX 847-232-3104
DESIGN FIRM REGISTRATION NO: 184-004601

PLAT OF HIGHWAYS
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
US ROUTE 30 AT IL ROUTE 50

LIMITS: COUNTY: COOK
SECTION: JOB NO.: R-90-013-17
STA. TO STA.
SCALE: 1"=150' SHEET 11 OF 11 SHEETS

BUREAU OF LAND ACQUISITION
201 WEST CENTER COURT
SCHAUMBURG, ILLINOIS 60196

IDOT USE ONLY

APPROVED
By William Wright at 8:35 am, Aug 31, 2021

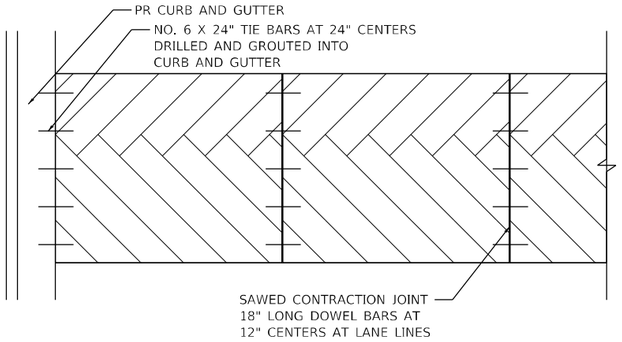
REVISION DATE: / / REVISION MADE BY: PROJECT: 202104

MODEL: Default
FILE NAME: Z:\18-0012-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Plan Production\Sheet\D162G38-sht-hwy plat-11.dgn

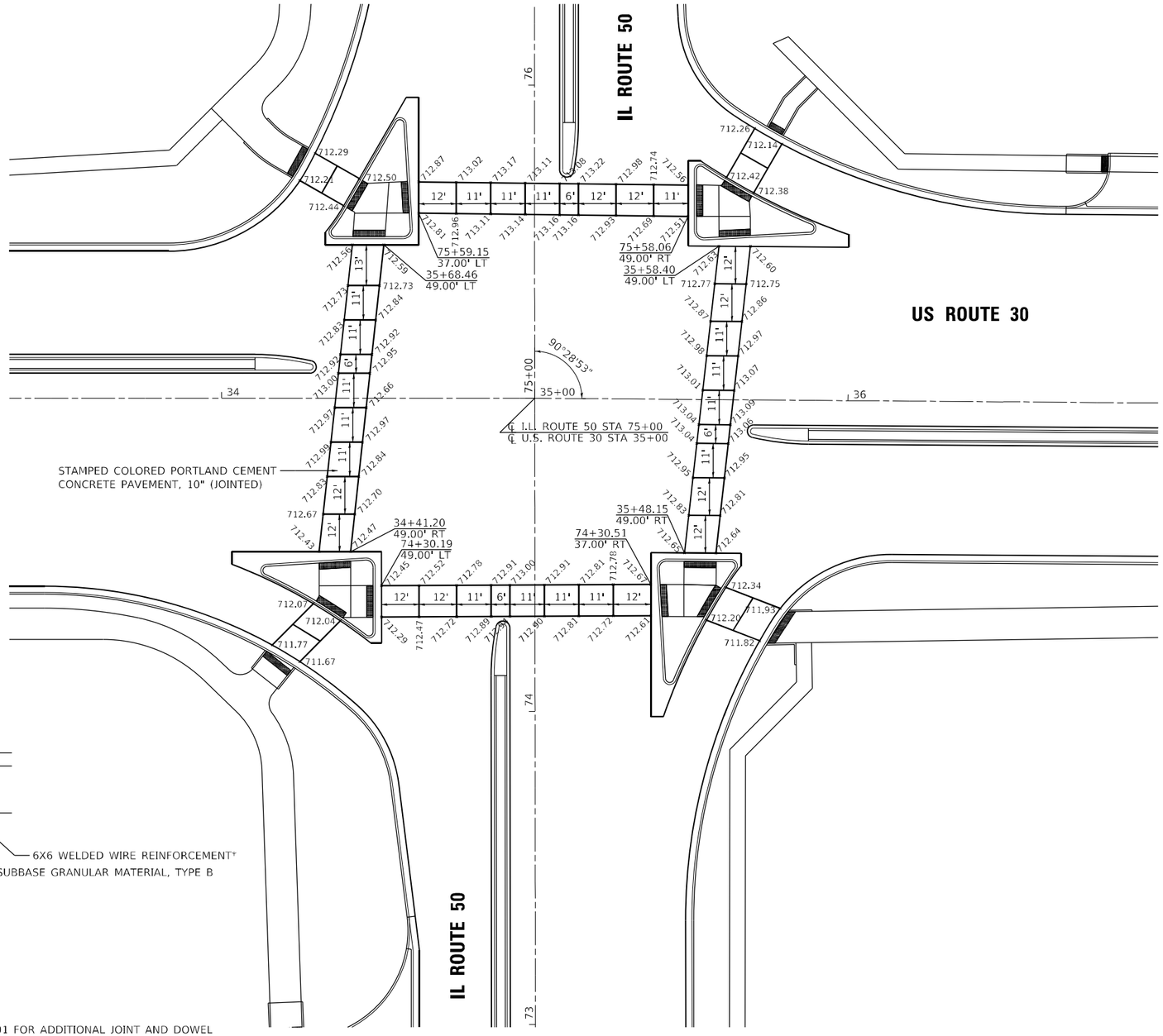
202104 IDOT PTB 189-005 WO4 US30 at IL 50-2D - Page 11 Total Holdings.dgn 8/30/2021 9:40:59 AM

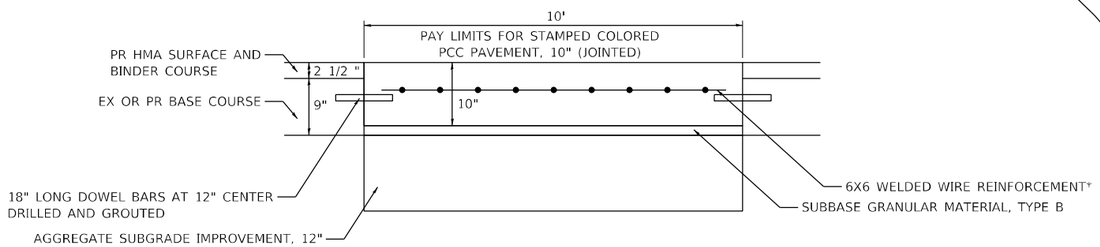
Peralte-Clark LLC	USER NAME = MET	DESIGNED - ASH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PLAT OF HIGHWAYS
		DRAWN - ASH	REVISED -		
	PLOT SCALE = 100.0000 ' / in.	CHECKED - MET	REVISED -		SCALE: N/A SHEET OF SHEETS STA. TO STA.
	PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	103
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		



CROSSWALK PLAN





CROSSWALK DETAIL

NOTES:

1. THE PLACEMENT OF PERMANENT ASPHALT ADJACENT TO THE CONCRETE CROSSWALK SHALL NOT BE ALLOWED UNTIL CONCRETE HAS CURED TO THE STANDARD SPECIFICATIONS.
2. THE CONTRACTOR SHALL PLACE HOT POURED JOINT SEALER IN THE JOINT BETWEEN THE CONCRETE CROSSWALK AND THE ASPHALT SURFACE. THIS WORK SHALL BE INCLUDED IN THE COST OF STAMPED COLORED PCC PAVEMENT, 10" (JOINTED) (X0327583).
3. REFER TO STANDARD 420001 FOR ADDITIONAL JOINT AND DOWEL INFORMATION.
4. CONTRACTOR SHALL CONSTRUCT TEMPORARY WEDGES AROUND FINISHED CROSSWALK LOCATIONS TO FACILITATE TRAFFIC PRIOR TO BINDER AND SURFACE COURSES BEING PLACED TO PROTECT THE EXPOSED CROSSWALK EDGES. THIS IS INCIDENTAL TO THE STAMPED COLORED PORTLAND CEMENT CONCRETE PAVEMENT, 10" (JOINTED) PAY ITEM.

0 20 40 60
SCALE IN FEET

MODEL: Default
FILE NAME: Z:\18-0012-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Plan Production\Sheet\D162G38-Int-Intersection-Detail.dgn

Peralte-Clark LLC

USER NAME = MET	DESIGNED - ASH	REVISED -
	DRAWN - ASH	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - MET	REVISED -
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INTERSECTION CROSSWALK DETAILS
US ROUTE 30 AT IL ROUTE 50

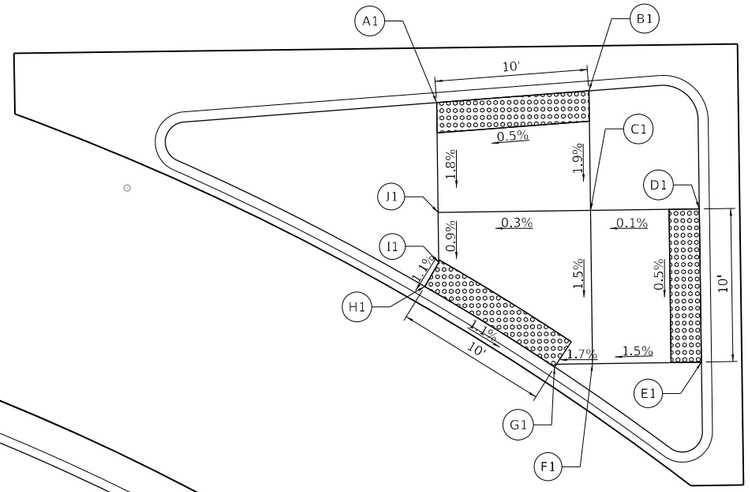
SCALE: 1" = 20' | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	104
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			

US ROUTE 30

	STATION	OFFSET	ELEVATION
A1	74+47.5	68.90′ LT	712.31′
B1	74+48.1	58.85′ LT	712.36′
C1	74+40.2	58.85′ LT	712.21′
D1	74+40.2	51.67′ LT	712.22′
E1	74+30.1	51.67′ LT	712.17′
F1	74+30.1	58.86′ LT	712.06′
G1	74+29.9	61.37′ LT	712.02′
H1	74+35.3	69.86′ LT	712.13′
I1	74+36.9	68.91′ LT	712.15′
J1	74+40.2	68.91′ LT	712.18′

STATION AND OFFSETS REFERENCED TO
IL ROUTE 50 CENTERLINE

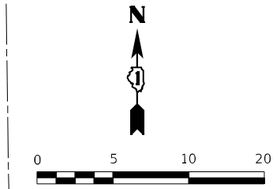


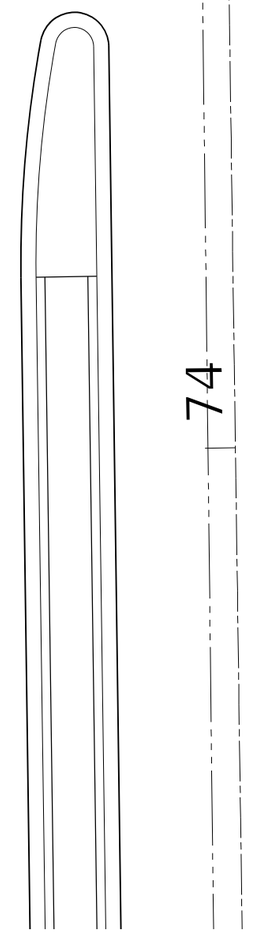
	STATION	OFFSET	ELEVATION
A	74+13.7	90.15′ LT	711.85′
B	74+19.3	85.66′ LT	711.73′
C	74+14.2	76.99′ LT	711.63′
D	74+13.1	77.85′ LT	711.65′
E	74+07.5	82.35′ LT	711.74′

STATION AND OFFSETS REFERENCED TO
IL ROUTE 50 CENTERLINE

ADA LEGEND

SHADED REGION PAID FOR AS PCC 5″ SIDEWALK





IL ROUTE 50

MODEL: Default
FILE NAME: 23-18-0012-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Plan Production\Sheet\D162G38-sht-ADA-1.dgn

Peralte-Clark LLC	USER NAME = MET	DESIGNED - NAE	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIDEWALK DETAILS US ROUTE 30 AT IL 50 SW CORNER
		DRAWN - NAE	REVISED -		
	PLOT SCALE = 10.0000 ' / in.	CHECKED - MET	REVISED -		SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.
	PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	105
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

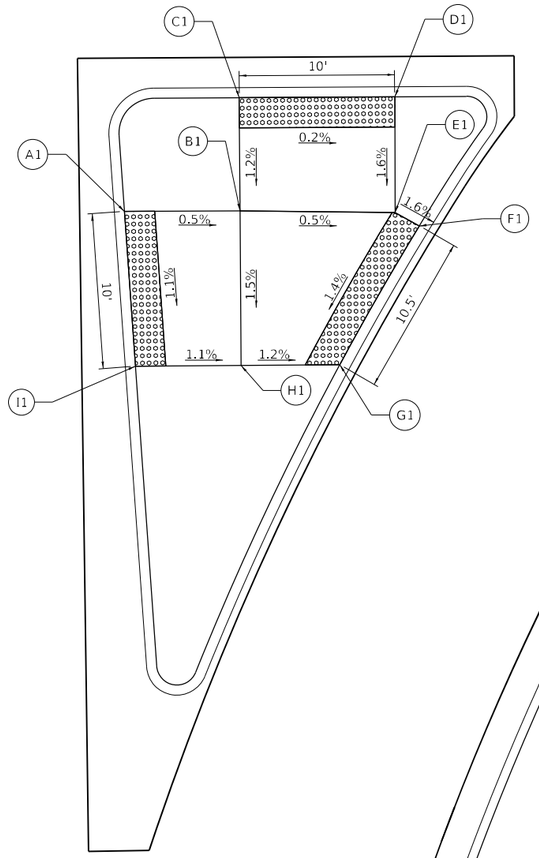
ADA LEGEND

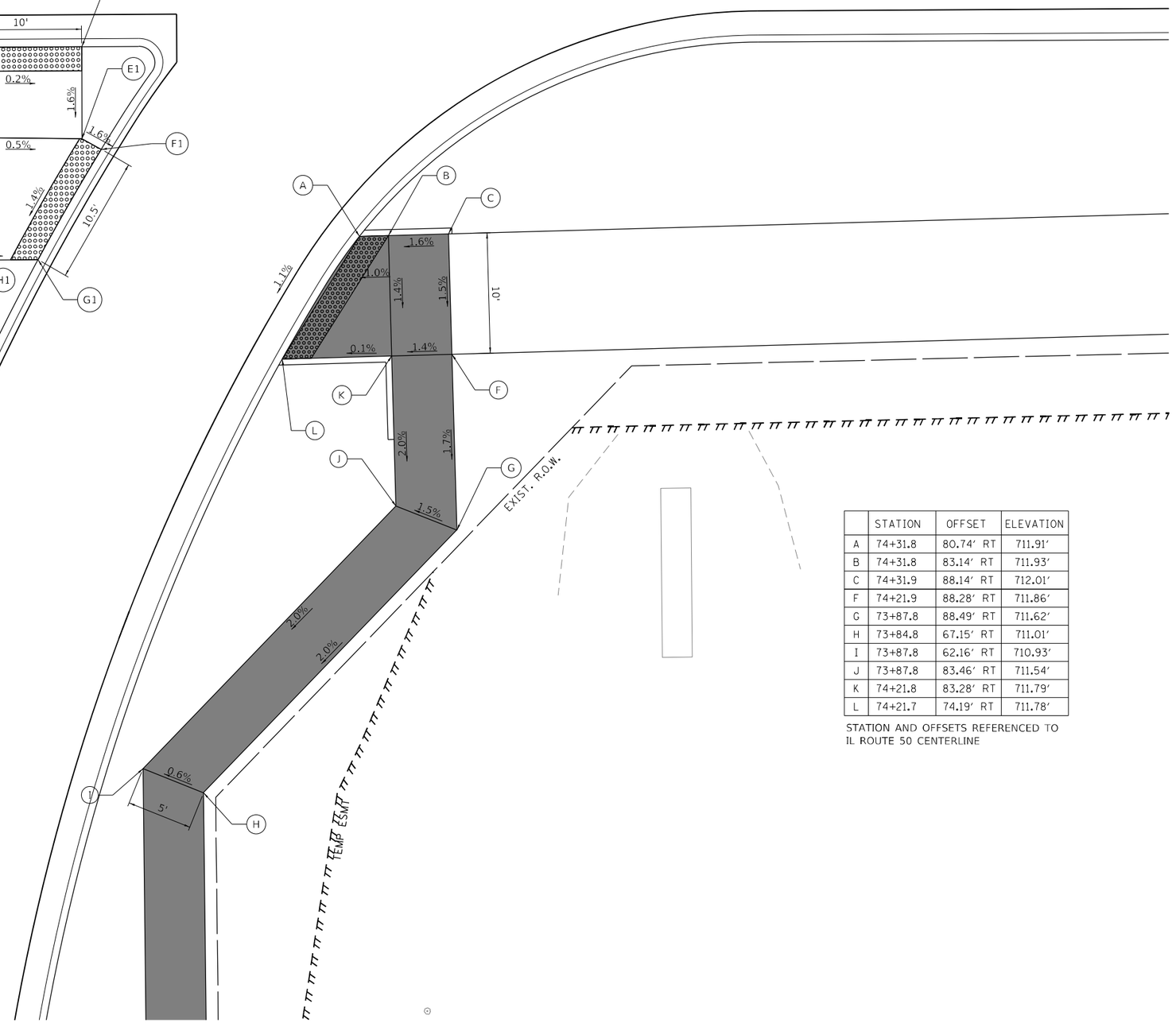
SHADED REGION PAID FOR AS PCC 5" SIDEWALK

US ROUTE 30

0 5 10 20
SCALE IN FEET

N





	STATION	OFFSET	ELEVATION
A1	74+40.5	39.95' RT	712.53'
B1	74+40.5	47.58' RT	712.49'
C1	74+47.9	47.64' RT	712.58'
D1	74+47.8	57.92' RT	712.56'
E1	74+40.2	57.82' RT	712.44'
F1	74+39.3	59.41' RT	712.41'
G1	74+30.2	54.03' RT	712.26'
H1	74+30.3	47.51' RT	712.34'
I1	74+30.3	40.54' RT	712.42'

STATION AND OFFSETS REFERENCED TO IL ROUTE 50 CENTERLINE

	STATION	OFFSET	ELEVATION
A	74+31.8	80.74' RT	711.91'
B	74+31.8	83.14' RT	711.93'
C	74+31.9	88.14' RT	712.01'
F	74+21.9	88.28' RT	711.86'
G	73+87.8	88.49' RT	711.62'
H	73+84.8	67.15' RT	711.01'
I	73+87.8	62.16' RT	710.93'
J	73+87.8	83.46' RT	711.54'
K	74+21.8	83.28' RT	711.79'
L	74+21.7	74.19' RT	711.78'

STATION AND OFFSETS REFERENCED TO IL ROUTE 50 CENTERLINE

74

IL ROUTE 50

MODEL: Default
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Peralte-Clark LLC

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PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -	

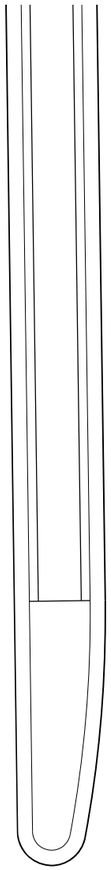
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

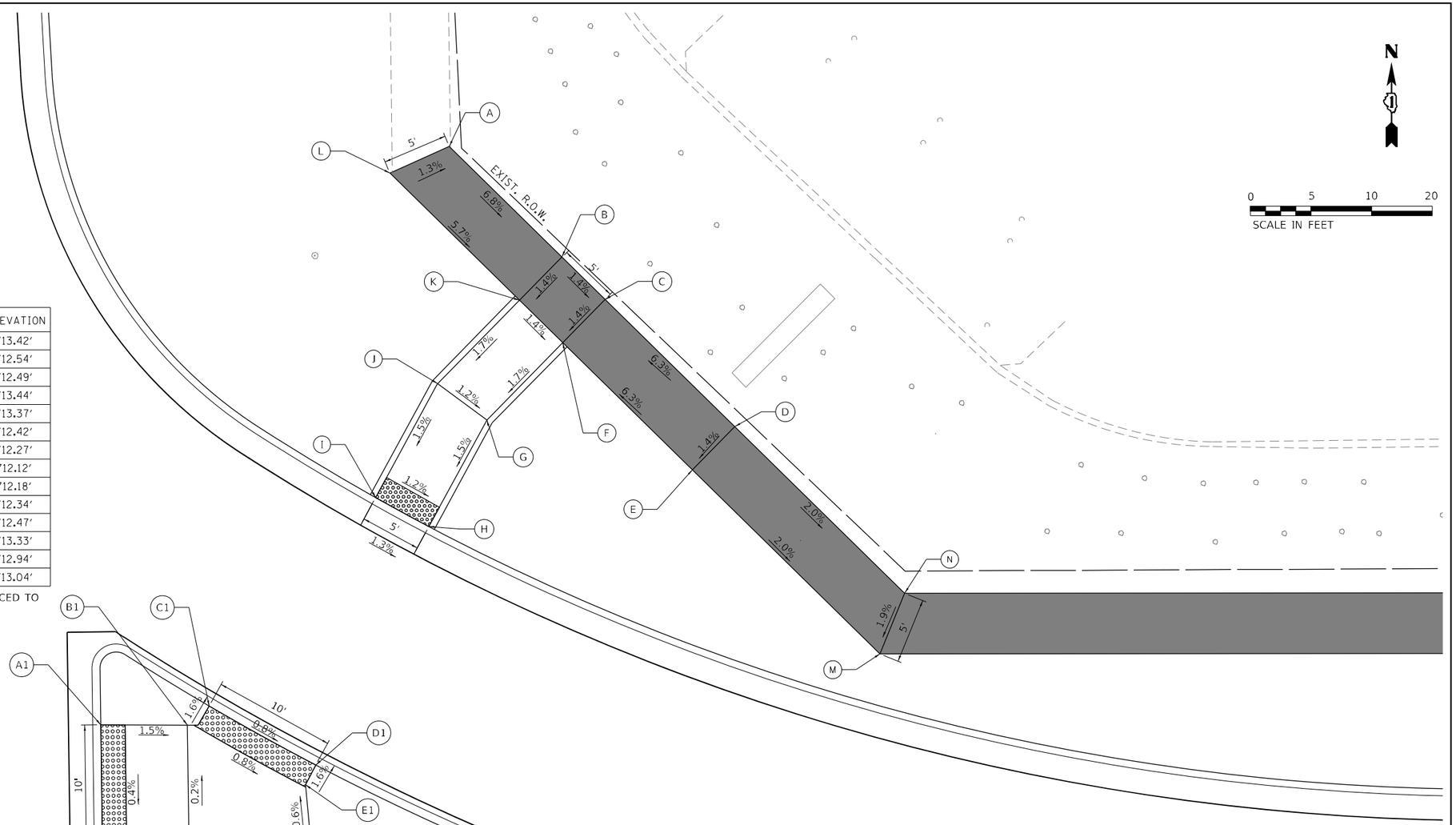
SIDEWALK DETAILS
US ROUTE 30 AT IL 50 SE CORNER

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	106
		CONTRACT NO. 62G38		
		ILLINOIS	FED. AID PROJECT	

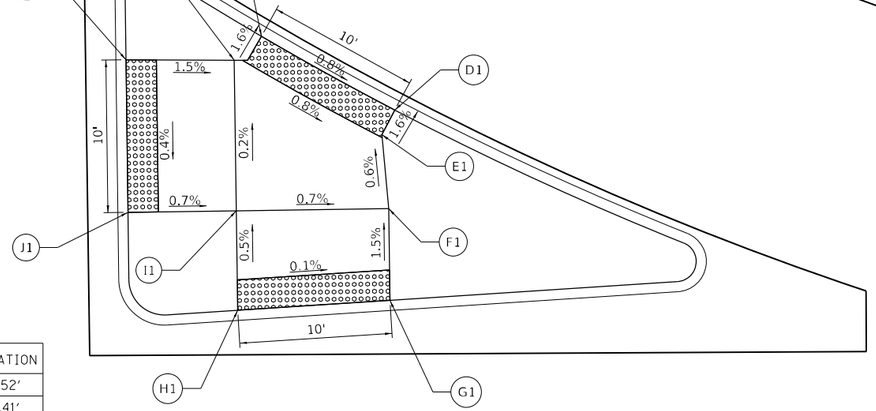
IL ROUTE 50





	STATION	OFFSET	ELEVATION
A	76+15.0	81.50′ RT	713.42′
B	76+06.1	90.26′ RT	712.54′
C	76+02.6	93.78′ RT	712.49′
D	75+91.9	104.33′ RT	713.44′
E	75+88.4	100.78′ RT	713.37′
F	75+99.1	90.23′ RT	712.42′
G	75+92.8	83.87′ RT	712.27′
H	75+84.1	78.97′ RT	712.12′
I	75+86.5	74.61′ RT	712.18′
J	75+95.8	76.85′ RT	712.34′
K	76+02.6	86.71′ RT	712.47′
L	76+12.9	76.50′ RT	713.33′
M	75+73.0	116.04′ RT	712.94′
N	75+78.0	118.15′ RT	713.04′

STATION AND OFFSETS REFERENCED TO
IL ROUTE 50 CENTERLINE



	STATION	OFFSET	ELEVATION
A1	75+68.1	51.67′ RT	712.52′
B1	75+68.0	58.81′ RT	712.41′
C1	75+69.5	60.63′ RT	712.38′
D1	75+64.5	69.37′ RT	712.30′
E1	75+62.9	68.49′ RT	712.33′
F1	75+58.0	68.87′ RT	712.36′
G1	75+52.0	68.87′ RT	712.45′
H1	75+51.5	58.81′ RT	712.46′
I1	75+58.0	58.81′ RT	712.43′
J1	75+58.0	51.67′ RT	712.48′

STATION AND OFFSETS REFERENCED TO
IL ROUTE 50 CENTERLINE

US ROUTE 30

ADA LEGEND

SHADED REGION PAID FOR AS PCC 5″ SIDEWALK

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Peralte-Clark LLC

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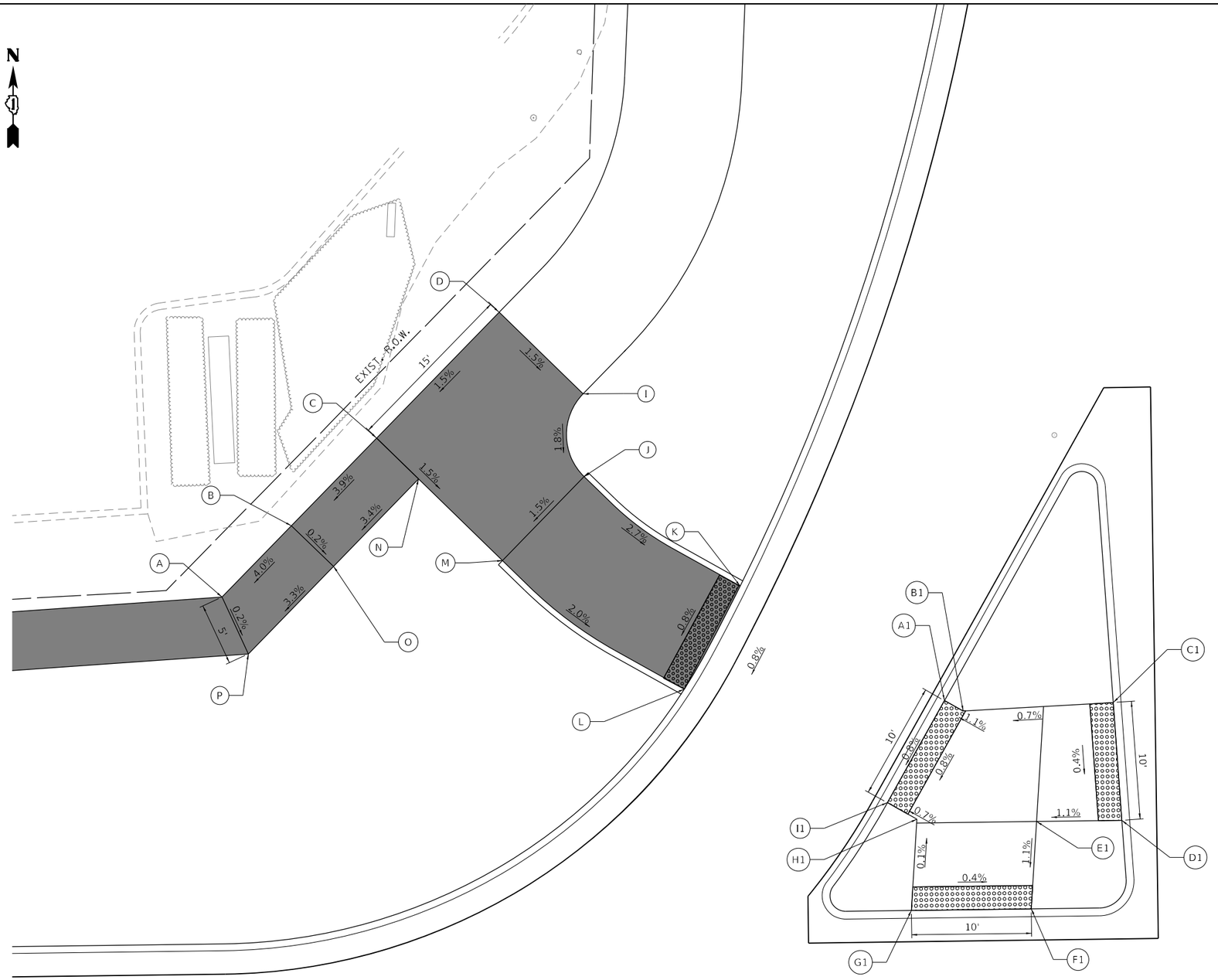
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -

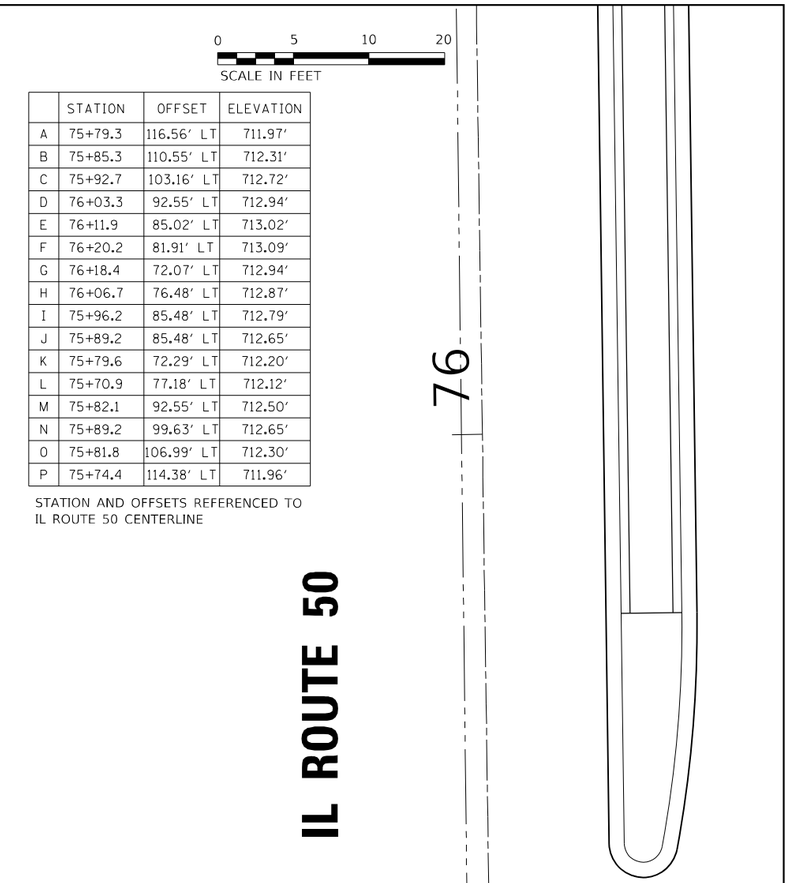
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAILS
US ROUTE 30 AT IL 50 NE CORNER

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	107
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			





	STATION	OFFSET	ELEVATION
A	75+79.3	116.56' LT	711.97'
B	75+85.3	110.55' LT	712.31'
C	75+92.7	103.16' LT	712.72'
D	76+03.3	92.55' LT	712.94'
E	76+11.9	85.02' LT	713.02'
F	76+20.2	81.91' LT	713.09'
G	76+18.4	72.07' LT	712.94'
H	76+06.7	76.48' LT	712.87'
I	75+96.2	85.48' LT	712.79'
J	75+89.2	85.48' LT	712.65'
K	75+79.6	72.29' LT	712.20'
L	75+70.9	77.18' LT	712.12'
M	75+82.1	92.55' LT	712.50'
N	75+89.2	99.63' LT	712.65'
O	75+81.8	106.99' LT	712.30'
P	75+74.4	114.38' LT	711.96'

STATION AND OFFSETS REFERENCED TO
IL ROUTE 50 CENTERLINE

	STATION	OFFSET	ELEVATION
A1	75+69.6	54.97' LT	712.61'
B1	75+68.7	53.39' LT	712.63'
C1	75+69.2	40.57' LT	712.72'
D1	75+59.2	39.97' LT	712.68'
E1	75+59.2	47.25' LT	712.60'
F1	75+51.7	47.81' LT	712.52'
G1	75+51.7	58.05' LT	712.56'
H1	75+59.5	57.47' LT	712.55'
I1	75+60.9	59.98' LT	712.53'

STATION AND OFFSETS REFERENCED TO
IL ROUTE 50 CENTERLINE

IL ROUTE 50

US ROUTE 30

ADA LEGEND

SHADED REGION PAID FOR AS PCC 5'' SIDEWALK

MODEL: Default
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Peralte-Clark LLC

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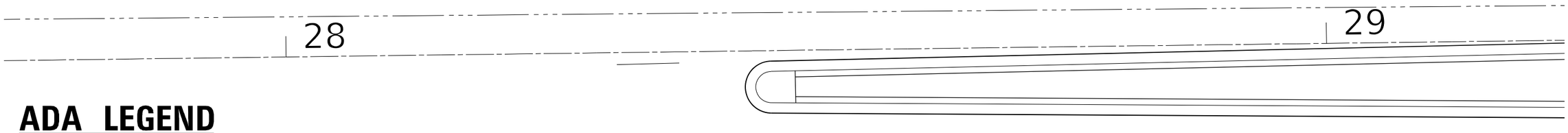
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAILS
US ROUTE 30 AT IL 50 NW CORNER

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	108
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		



ADA LEGEND

SHADED REGION PAID FOR AS PCC 5" SIDEWALK



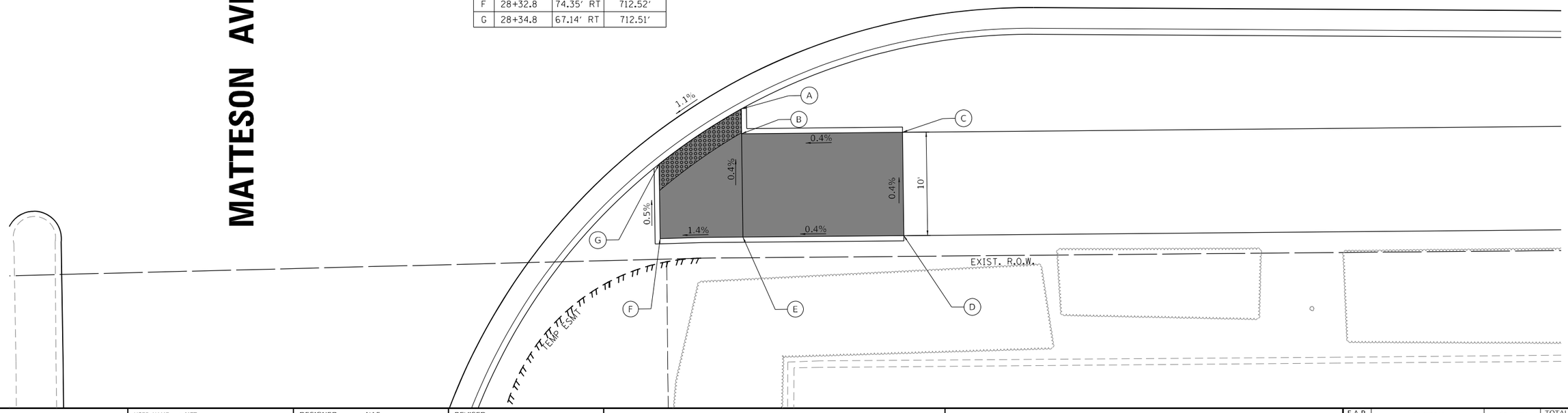
0 5 10 20

SCALE IN FEET

US ROUTE 30

STATION AND OFFSETS REFERENCED TO
US ROUTE 30 CENTERLINE

	STATION	OFFSET	ELEVATION
A	28+42.8	61.93' RT	712.62'
B	28+42.8	64.32' RT	712.63'
C	28+58.4	64.38' RT	712.69'
D	28+58.4	74.38' RT	712.75'
E	28+42.8	74.32' RT	712.67'
F	28+32.8	74.35' RT	712.52'
G	28+34.8	67.14' RT	712.51'



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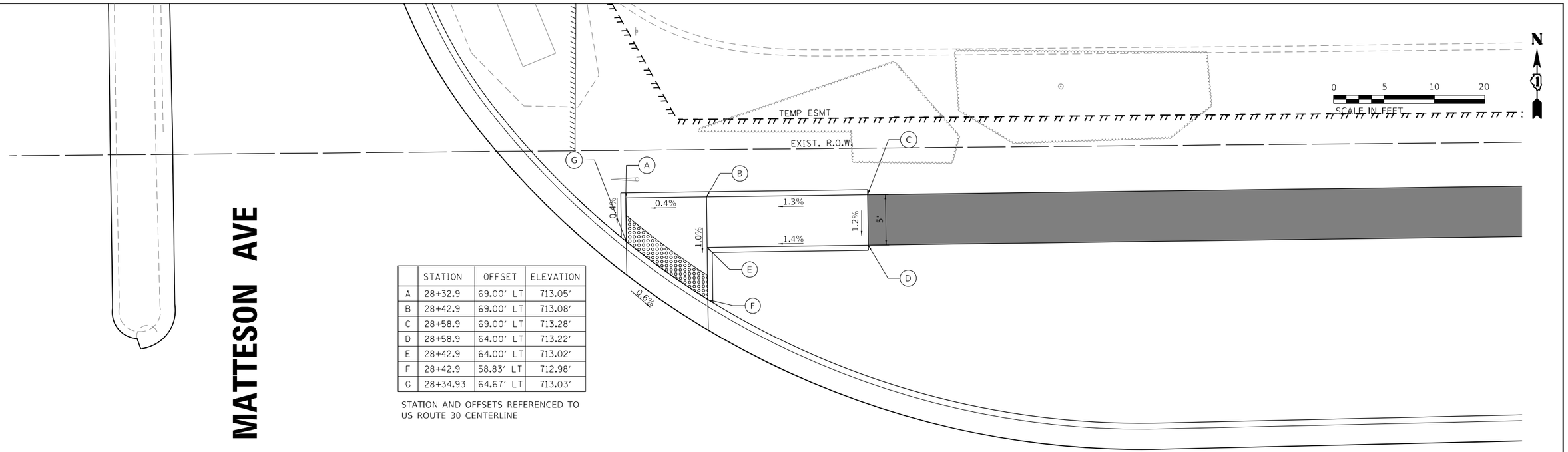
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAILS
US ROUTE 30 AT MATTESON AVENUE SE CORNER

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	109
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		



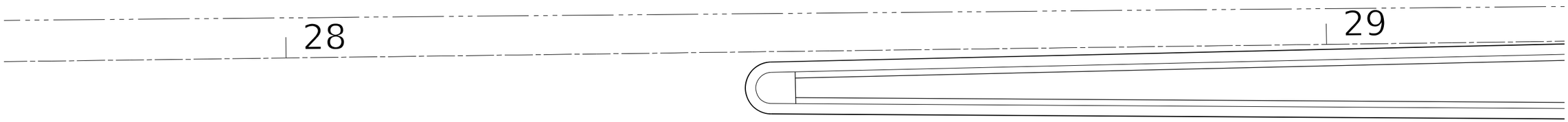
	STATION	OFFSET	ELEVATION
A	28+32.9	69.00' LT	713.05'
B	28+42.9	69.00' LT	713.08'
C	28+58.9	69.00' LT	713.28'
D	28+58.9	64.00' LT	713.22'
E	28+42.9	64.00' LT	713.02'
F	28+42.9	58.83' LT	712.98'
G	28+34.93	64.67' LT	713.03'

STATION AND OFFSETS REFERENCED TO
US ROUTE 30 CENTERLINE

US ROUTE 30

ADA LEGEND

SHADED REGION PAID FOR AS PCC 5'' SIDEWALK



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Peralte-Clark LLC

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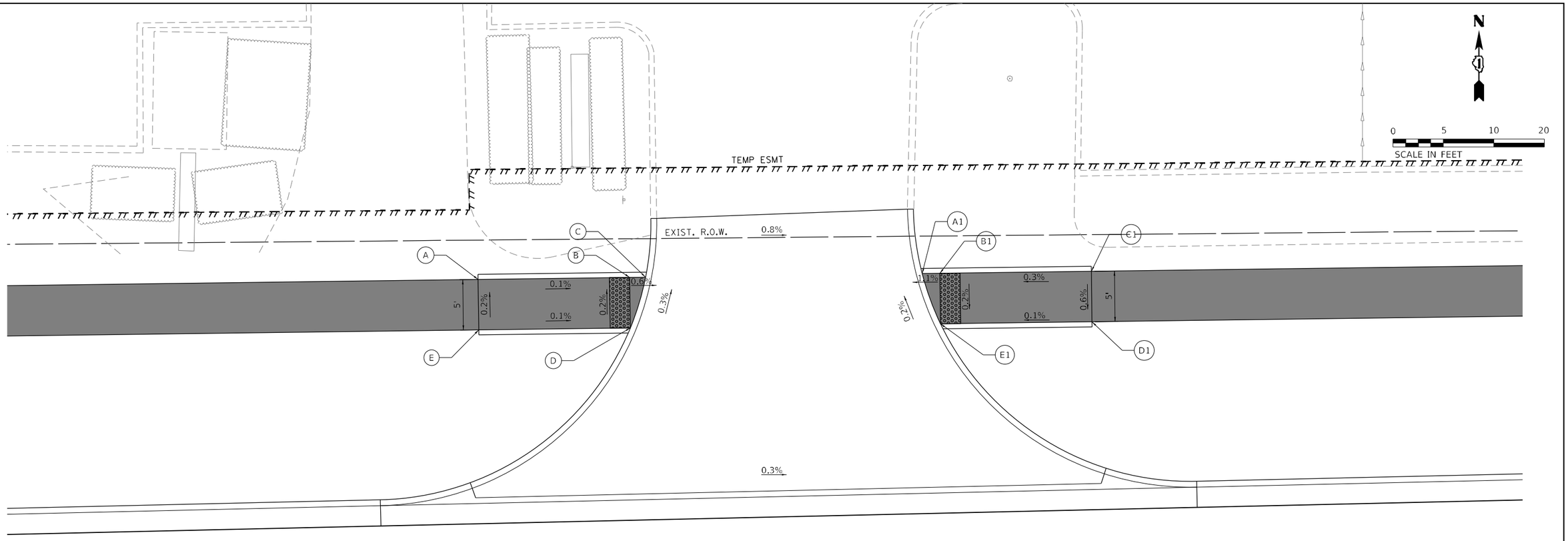
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAILS
US ROUTE 30 AT MATTESON AVENUE NE CORNER

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	110
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		



	STATION	OFFSET	ELEVATION
A	30+34.1	69.00′ LT	712.39′
B	30+49.1	69.00′ LT	712.37′
C	30+50.6	69.00′ LT	712.36′
D	30+49.1	64.00′ LT	712.38′
E	30+34.1	64.00′ LT	712.40′

STATION AND OFFSETS REFERENCED TO US ROUTE 30 CENTERLINE

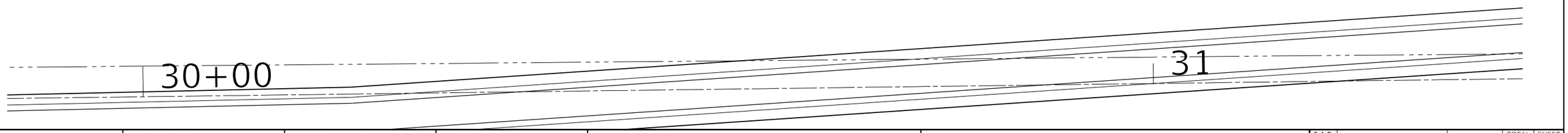
	STATION	OFFSET	ELEVATION
A1	30+78.0	69.00′ LT	712.16′
B1	30+79.8	69.00′ LT	712.18′
C1	30+94.8	69.00′ LT	712.22′
D1	30+94.8	64.00′ LT	712.19′
E1	30+79.8	64.00′ LT	712.17′

STATION AND OFFSETS REFERENCED TO US ROUTE 30 CENTERLINE

ADA LEGEND

SHADED REGION PAID FOR AS PCC 5'' SIDEWALK

US ROUTE 30
DRIVEWAY STA 30+62



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Peralte-Clark LLC

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAILS
US ROUTE 30

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	111
		CONTRACT NO. 62G38		
		ILLINOIS	FED. AID PROJECT	

32

ADA LEGEND

SHADED REGION PAID FOR AS PCC 5'' SIDEWALK

US ROUTE 30
DRIVEWAY STA 32+04

N

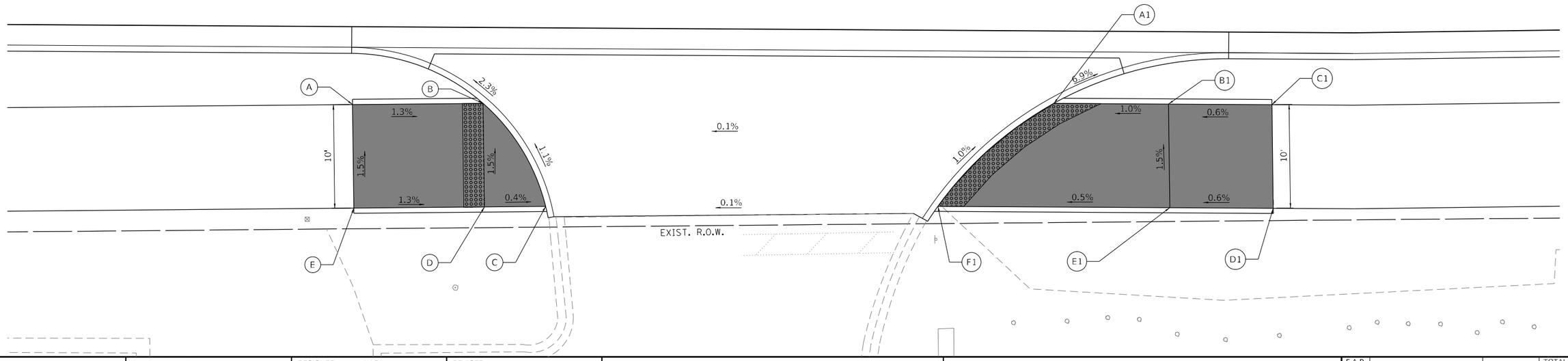
0 5 10 20
SCALE IN FEET

	STATION	OFFSET	ELEVATION
A	31+65.9	65.67' RT	712.68'
B	31+79.7	65.72' RT	712.50'
C	31+84.7	75.74' RT	712.64'
D	31+79.7	75.72' RT	712.65'
E	31+65.9	75.67' RT	712.83'

STATION AND OFFSETS REFERENCED TO
US ROUTE 30 CENTERLINE

	STATION	OFFSET	ELEVATION
A1	32+33.7	66.44' RT	712.53'
B1	32+44.7	66.66' RT	712.64'
C1	32+54.7	66.85' RT	712.70
D1	32+54.7	76.85' RT	712.85
E1	32+44.7	76.66' RT	712.79'
F1	32+22.3	76.23' RT	712.68'

STATION AND OFFSETS REFERENCED TO
US ROUTE 30 CENTERLINE



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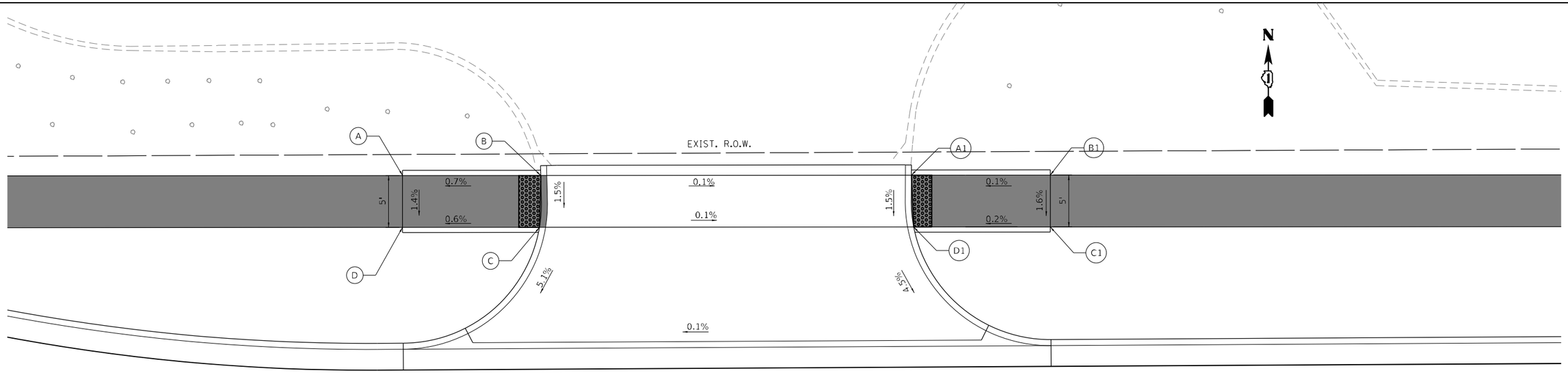
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAILS
US ROUTE 30

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	112
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		



0 5 10 20
SCALE IN FEET

	STATION	OFFSET	ELEVATION
A	36+69.2	78.75' LT	712.64'
B	36+82.5	78.69' LT	712.73'
C	36+82.3	73.69' LT	712.65'
D	36+69.1	73.75' LT	712.57'

STATION AND OFFSETS REFERENCED TO
US ROUTE 30 CENTERLINE

	STATION	OFFSET	ELEVATION
A1	37+18.3	78.51' LT	712.70'
B1	37+31.7	78.45' LT	712.72'
C1	37+31.7	73.45' LT	712.64'
D1	37+18.5	73.51' LT	712.62'

STATION AND OFFSETS REFERENCED TO
US ROUTE 30 CENTERLINE

US ROUTE 30
DRIVEWAY STA 37+02

ADA LEGEND

SHADED REGION PAID FOR AS PCC 5" SIDEWALK

37

MODEL: Default
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Peralte-Clark LLC

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

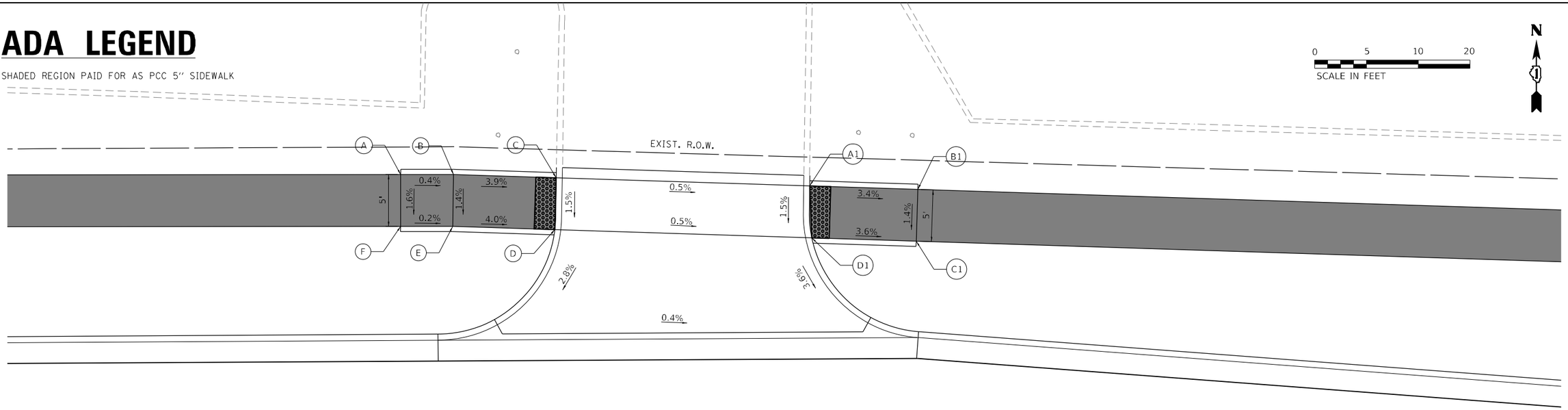
SIDEWALK DETAILS
US ROUTE 30

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	113
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

ADA LEGEND

SHADED REGION PAID FOR AS PCC 5" SIDEWALK



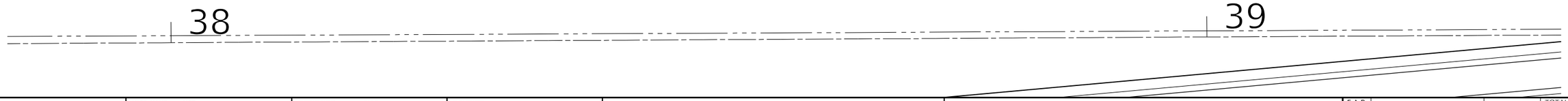
	STATION	OFFSET	ELEVATION
A	38+22.6	78.00' LT	712.78'
B	38+27.7	77.97' LT	712.76'
C	38+37.6	77.60' LT	712.37'
D	38+37.4	72.60' LT	712.30'
E	38+27.6	72.97' LT	712.69'
F	38+22.6	73.00' LT	712.70'

STATION AND OFFSETS REFERENCED TO
US ROUTE 30 CENTERLINE

	STATION	OFFSET	ELEVATION
A1	38+62.1	76.68' LT	712.26'
B1	38+72.5	76.29' LT	711.90'
C1	38+72.3	71.30' LT	711.83'
D1	38+62.3	71.67' LT	712.19'

STATION AND OFFSETS REFERENCED TO
US ROUTE 30 CENTERLINE

US ROUTE 30
DRIVEWAY STA 38+50



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Peralte-Clark LLC

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PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

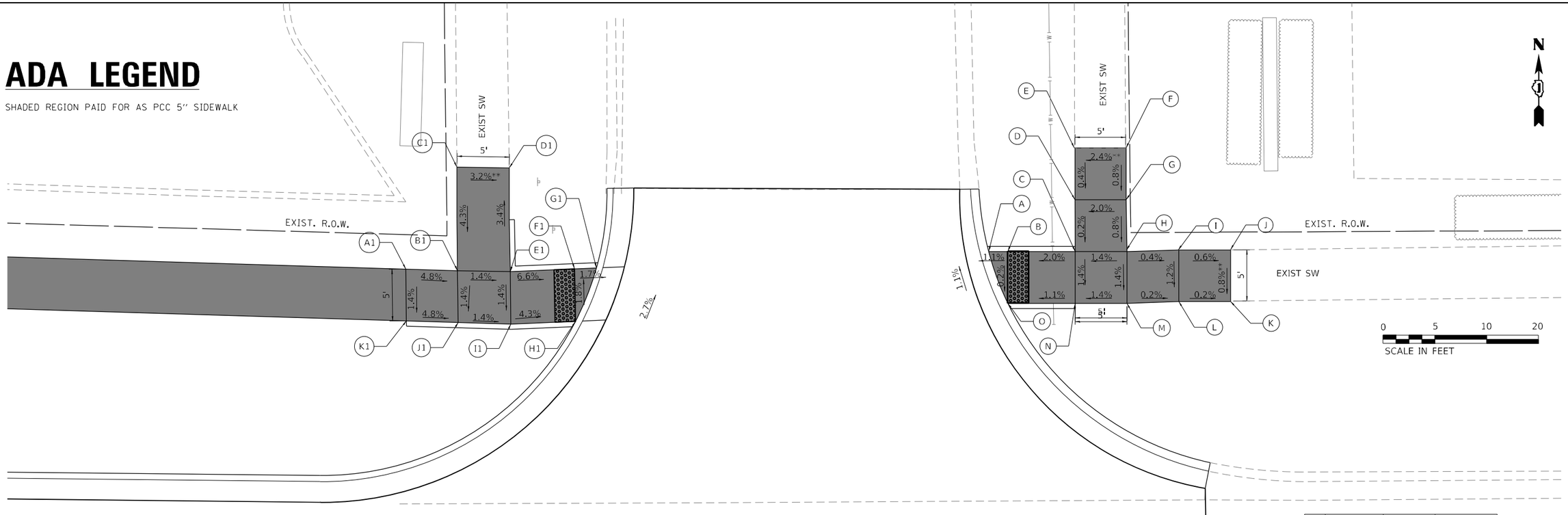
SIDEWALK DETAILS
US ROUTE 30

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	114
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

ADA LEGEND

SHADED REGION PAID FOR AS PCC 5" SIDEWALK



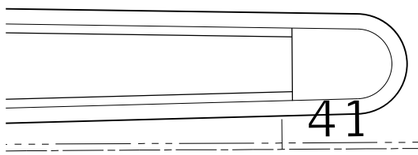
	STATION	OFFSET	ELEVATION
A1	41+20.6	67.21' LT	709.16'
B1	41+25.6	67.03' LT	708.92'
C1	41+25.6	77.03' LT	709.35' *
D1	41+30.6	76.92' LT	709.19' *
E1	41+30.7	66.92' LT	708.85'
F1	41+36.9	67.14' LT	708.44'
G1	41+39.0	67.22' LT	708.40'
H1	41+37.0	62.07' LT	708.53'
I1	41+30.8	61.84' LT	708.78'
J1	41+25.6	62.03' LT	708.85'
K1	41+20.6	62.21' LT	709.09'

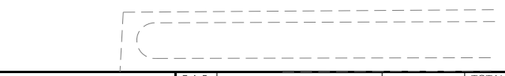
STATION AND OFFSETS REFERENCED TO US ROUTE 30 CENTERLINE
* EXISTING ELEVATION
** TIE BACK TO EXISITNG SIDEWALK

	STATION	OFFSET	ELEVATION
A	41+76.9	68.59' LT	708.24'
B	41+78.7	68.58' LT	708.26'
C	41+85.2	68.55' LT	708.39'
D	41+85.2	73.55' LT	708.40'
E	41+85.3	78.55' LT	708.42' *
F	41+90.2	78.52' LT	708.54' *
G	41+90.2	73.52' LT	708.50' *
H	41+90.2	68.52' LT	708.46' *
I	41+95.2	68.64' LT	708.44' *
J	42+00.2	68.64' LT	708.41' *
K	42+00.2	63.64' LT	708.37' *
L	41+95.2	63.67' LT	708.38'
M	41+90.2	63.52' LT	708.39'
N	41+85.2	63.55' LT	708.32'
O	41+78.7	63.58' LT	708.25'

STATION AND OFFSETS REFERENCED TO US ROUTE 30 CENTERLINE
* EXISTING ELEVATION
** TIE BACK TO EXISITNG SIDEWALK

US ROUTE 30
DRIVEWAY STA 41+57





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Peralte-Clark LLC

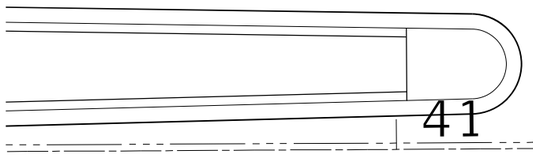
USER NAME = MET		DESIGNED - NAE	REVISED -	
		DRAWN - NAE	REVISED -	
PLOT SCALE = 10.0000 ' / in.		CHECKED - MET	REVISED -	
PLOT DATE = 3/22/2023		DATE - 02-28-2023	REVISED -	

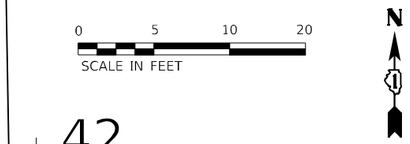
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAILS
US ROUTE 30

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	115
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		





ADA LEGEND

SHADED REGION PAID FOR AS PCC 5" SIDEWALK

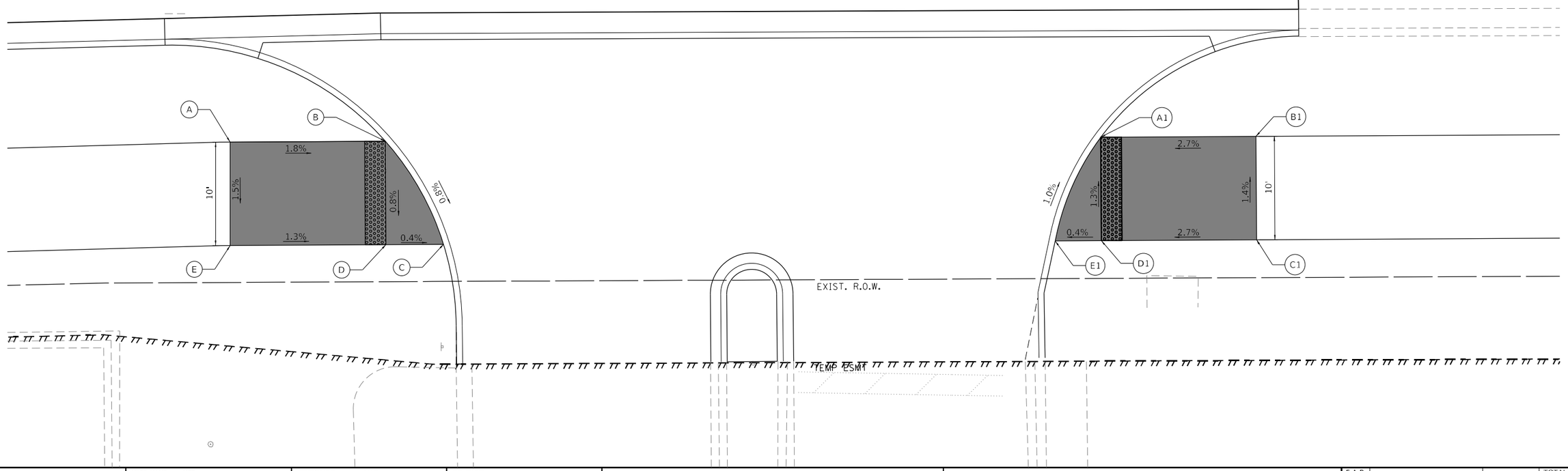
US ROUTE 30
DRIVEWAY STA 41+46

	STATION	OFFSET	ELEVATION
A	40+95.4	56.00' RT	709.74'
B	41+10.4	56.00' RT	709.47'
C	41+16.0	66.00' RT	709.37'
E	41+10.4	65.99' RT	709.39'
F	40+95.4	66.00' RT	709.59'

STATION AND OFFSETS REFERENCED TO
US ROUTE 30 CENTERLINE

	STATION	OFFSET	ELEVATION
A	41+79.5	56.00' RT	708.47'
B	41+94.5	56.00' RT	708.87'
C	41+94.5	66.00' RT	709.01'
D	41+79.5	66.00' RT	708.60'
E	41+75.1	66.00' RT	708.58'

STATION AND OFFSETS REFERENCED TO
US ROUTE 30 CENTERLINE



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Peralte-Clark LLC

USER NAME = MET	DESIGNED - NAE	REVISED -
	DRAWN - NAE	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - MET	REVISED -
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAILS
US ROUTE 30

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	116
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

ADA LEGEND

SHADED REGION PAID FOR AS PCC 5" SIDEWALK

	STATION	OFFSET	ELEVATION
B1	47+34.2	53.63' RT	700.77'
C1	47+52.5	52.20' RT	700.44'
D1	47+55.5	51.94' RT	700.43'
E1	47+55.6	47.35' RT	700.40'
F1	47+64.9	61.16' RT	700.05'
G1	47+53.2	62.18' RT	700.26'
H1	47+34.9	63.62' RT	700.59'

STATION AND OFFSETS REFERENCED TO
US ROUTE 30 CENTERLINE

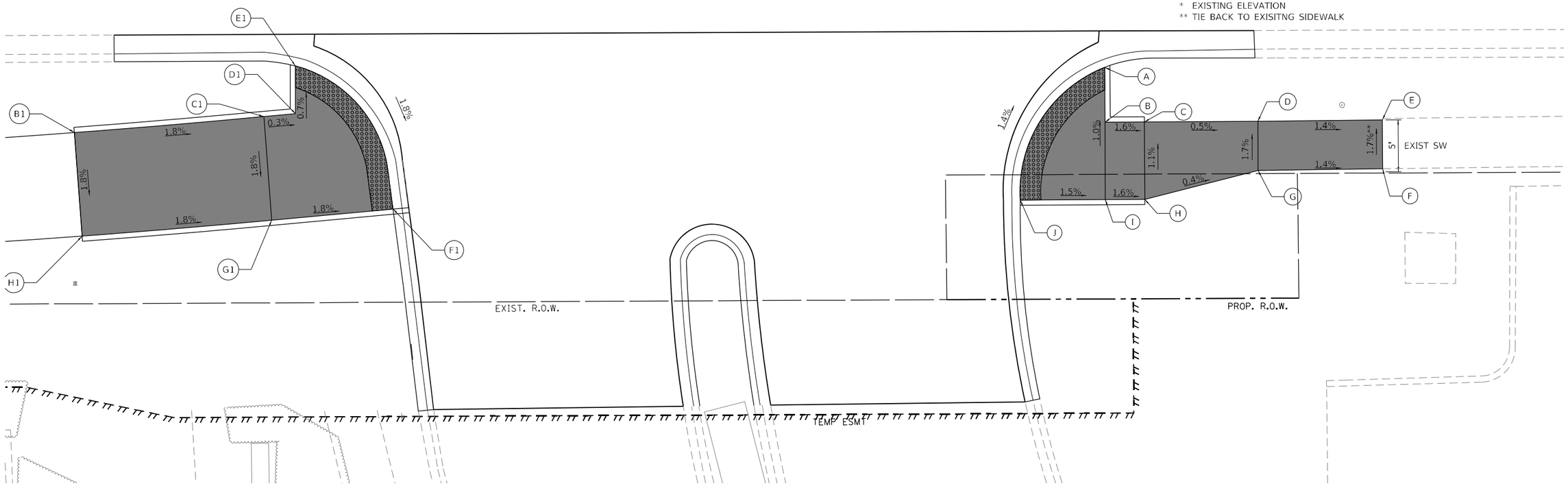
US ROUTE 30
STA 48+00

	STATION	OFFSET	ELEVATION
A	48+33.5	47.90' RT	699.36'
B	48+33.5	53.20' RT	699.41'
C	48+37.3	53.20' RT	699.35'
D	48+48.2	53.20' RT	699.30'
E	48+60.2	53.12' RT	699.13' *
F	48+60.2	57.83' RT	699.21' *
G	48+48.2	57.92' RT	699.38' *
H	48+37.3	60.64' RT	699.43'
I	48+33.5	60.64' RT	699.49'
J	48+25.3	60.64' RT	699.61'

STATION AND OFFSETS REFERENCED TO
US ROUTE 30 CENTERLINE
* EXISTING ELEVATION
** TIE BACK TO EXISITNG SIDEWALK

N

0 5 10 20
SCALE IN FEET



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PLOT SCALE = 10.0000 ' / in.	CHECKED - MET	REVISED -	
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -	

Peralte-Clark LLC

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAILS
US ROUTE 30

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	117
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			

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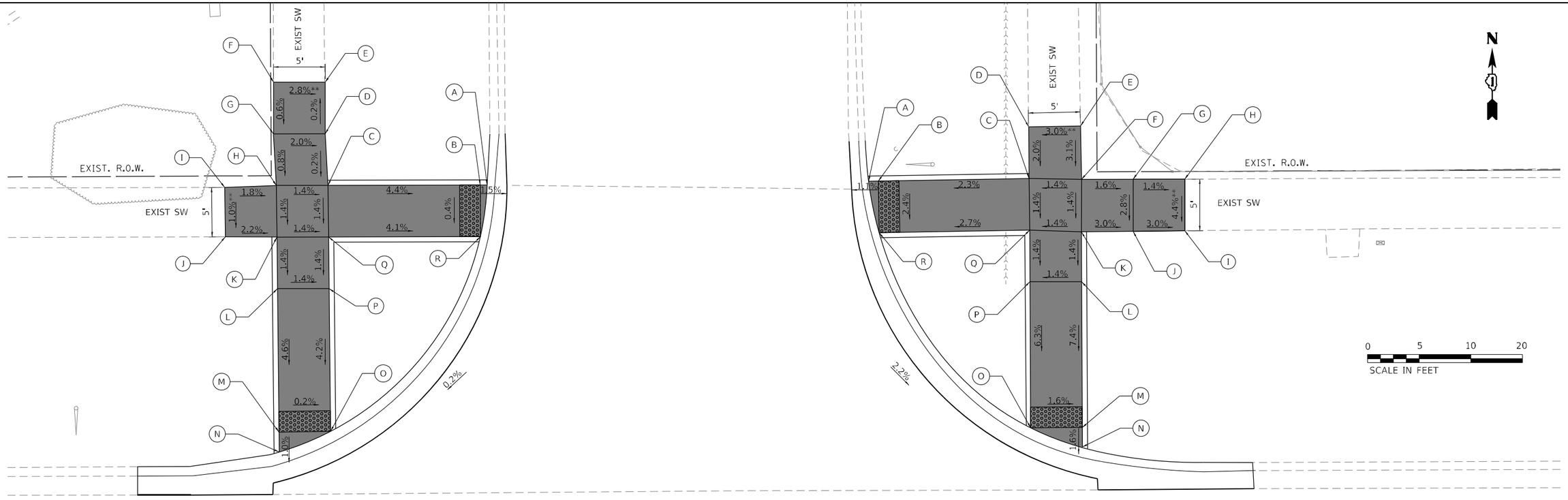

	STATION	OFFSET	ELEVATION
A	47+75.8	73.84' LT	700.41'
B	47+75.2	73.85' LT	700.42'
C	47+60.4	73.89' LT	701.07'
D	47+60.1	78.90' LT	701.08'
E	47+60.2	83.89' LT	701.07' ^
F	47+55.2	83.92' LT	701.21' ^
G	47+55.1	78.91' LT	701.18' ^
H	47+55.4	73.91' LT	701.14' *
I	47+50.4	73.75' LT	701.23' ^
J	47+50.4	68.98' LT	701.18' ^
K	47+55.4	68.91' LT	701.07'
L	47+55.4	63.91' LT	701.00'
M	47+55.5	50.02' LT	700.36'
N	47+55.5	48.08' LT	700.34'
O	47+60.5	50.06' LT	700.35'
P	47+60.4	63.88' LT	700.93'
Q	47+60.4	68.89' LT	701.00'
R	47+75.1	68.85' LT	700.40'

STATION AND OFFSETS REFERENCED TO US ROUTE 30 CENTERLINE
* EXISTING ELEVATION
** TIE BACK TO EXISITNG SIDEWALK

	STATION	OFFSET	ELEVATION
A	48+12.8	74.00' LT	700.31'
B	48+13.7	74.01' LT	700.32'
C	48+28.3	74.18' LT	700.66'
D	48+28.3	79.18' LT	700.74' *
E	48+33.3	79.25' LT	700.89' *
F	48+33.4	74.03' LT	700.73' *
G	48+38.4	74.07' LT	700.65' *
H	48+43.4	74.04' LT	700.58' *
I	48+43.4	69.04' LT	700.36' *
J	48+38.4	68.99' LT	700.51'
K	48+33.3	68.99' LT	700.66'
L	48+33.3	64.15' LT	700.59'
M	48+33.3	50.03' LT	699.55'
N	48+33.3	48.13' LT	699.52'
O	48+28.3	50.03' LT	699.63'
P	48+28.3	64.18' LT	700.52'
Q	48+28.3	69.18' LT	700.59'
R	48+13.8	69.01' LT	700.20'

STATION AND OFFSETS REFERENCED TO US ROUTE 30 CENTERLINE
* EXISTING ELEVATION
** TIE BACK TO EXISITNG SIDEWALK

US ROUTE 30
STA 48+00

ADA LEGEND

SHADED REGION PAID FOR AS PCC 5'' SIDEWALK

MODEL: Default
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Peralte-Clark LLC

USER NAME = MET	DESIGNED - NAE	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIDEWALK DETAILS US ROUTE 30	
	DRAWN - NAE	REVISED -			
PLOT SCALE = 10.0000 ' / in.	CHECKED - MET	REVISED -			
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -		SCALE: 1" = 5' SHEET OF SHEETS STA. TO STA.	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	118
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

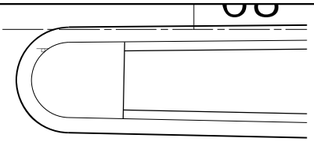
ADA LEGEND

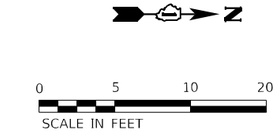
SHADED REGION PAID FOR AS PCC 5" SIDEWALK

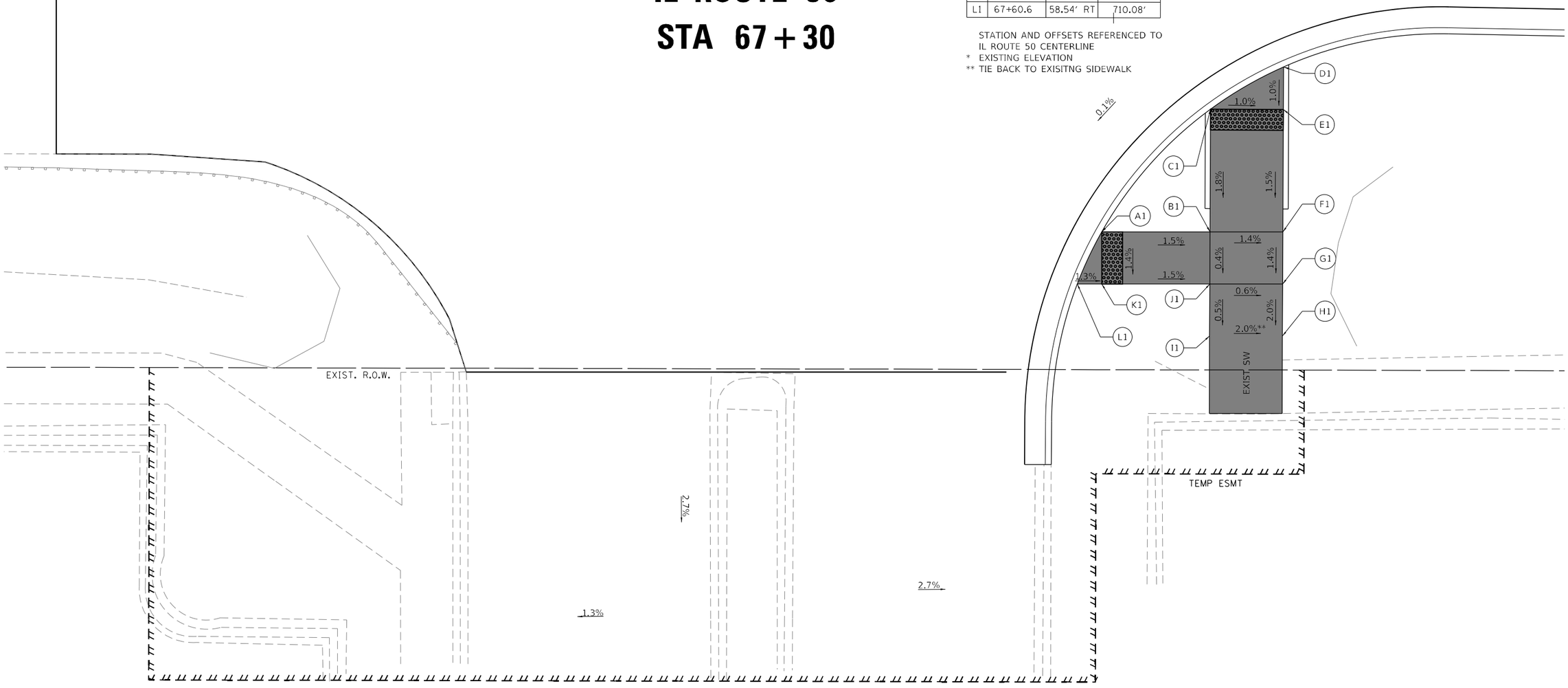
IL ROUTE 50
STA 67 + 30

	STATION	OFFSET	ELEVATION
A1	67+63.0	53.54' RT	710.07'
B1	67+73.4	53.54' RT	709.91'
C1	67+73.5	41.75' RT	710.12'
D1	67+80.5	37.70' RT	710.23'
E1	67+80.5	41.78' RT	710.19'
F1	67+80.4	53.54' RT	710.01'
G1	67+80.4	58.54' RT	709.94'
H1	67+80.4	63.54' RT	709.69' *
I1	67+73.4	63.54' RT	709.83 *
J1	67+73.4	58.54' RT	709.89'
K1	67+63.0	58.54' RT	710.05'
L1	67+60.6	58.54' RT	710.08'

STATION AND OFFSETS REFERENCED TO IL ROUTE 50 CENTERLINE
* EXISTING ELEVATION
** TIE BACK TO EXISITNG SIDEWALK







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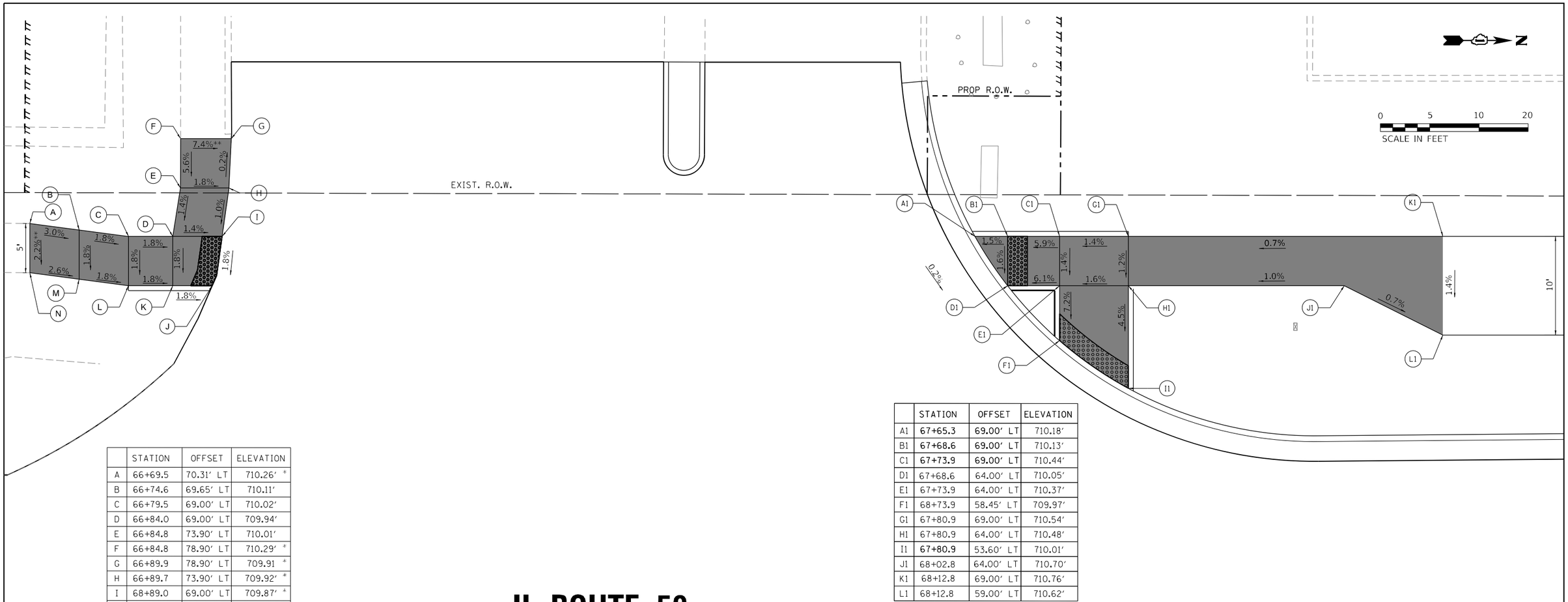
	PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAILS
IL ROUTE 50 AT TOWN CENTER DRIVE SE & NE CORNERS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	119
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			



	STATION	OFFSET	ELEVATION
A	66+69.5	70.31' LT	710.26' *
B	66+74.6	69.65' LT	710.11'
C	66+79.5	69.00' LT	710.02'
D	66+84.0	69.00' LT	709.94'
E	66+84.8	73.90' LT	710.01'
F	66+84.8	78.90' LT	710.29' *
G	66+89.9	78.90' LT	709.91 *
H	66+89.7	73.90' LT	709.92' *
I	68+89.0	69.00' LT	709.87' *
J	66+88.0	64.01' LT	709.78' *
K	66+84.0	64.01' LT	709.85'
L	66+79.5	64.01' LT	709.93'
M	66+74.5	64.66' LT	710.02'
N	66+69.5	65.31' LT	710.15' *

STATION AND OFFSETS REFERENCED TO IL ROUTE 50 CENTERLINE
* EXISTING ELEVATION
** TIE BACK TO EXISITNG SIDEWALK

	STATION	OFFSET	ELEVATION
A1	67+65.3	69.00' LT	710.18'
B1	67+68.6	69.00' LT	710.13'
C1	67+73.9	69.00' LT	710.44'
D1	67+68.6	64.00' LT	710.05'
E1	67+73.9	64.00' LT	710.37'
F1	68+73.9	58.45' LT	709.97'
G1	67+80.9	69.00' LT	710.54'
H1	67+80.9	64.00' LT	710.48'
I1	67+80.9	53.60' LT	710.01'
J1	68+02.8	64.00' LT	710.70'
K1	68+12.8	69.00' LT	710.76'
L1	68+12.8	59.00' LT	710.62'

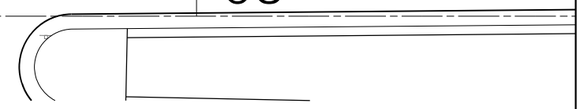
IL ROUTE 50
STA 67 + 25

ADA LEGEND

SHADED REGION PAID FOR AS PCC 5" SIDEWALK

67

68



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Peralte-Clark LLC

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	DRAWN - NAE	REVISED -
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PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

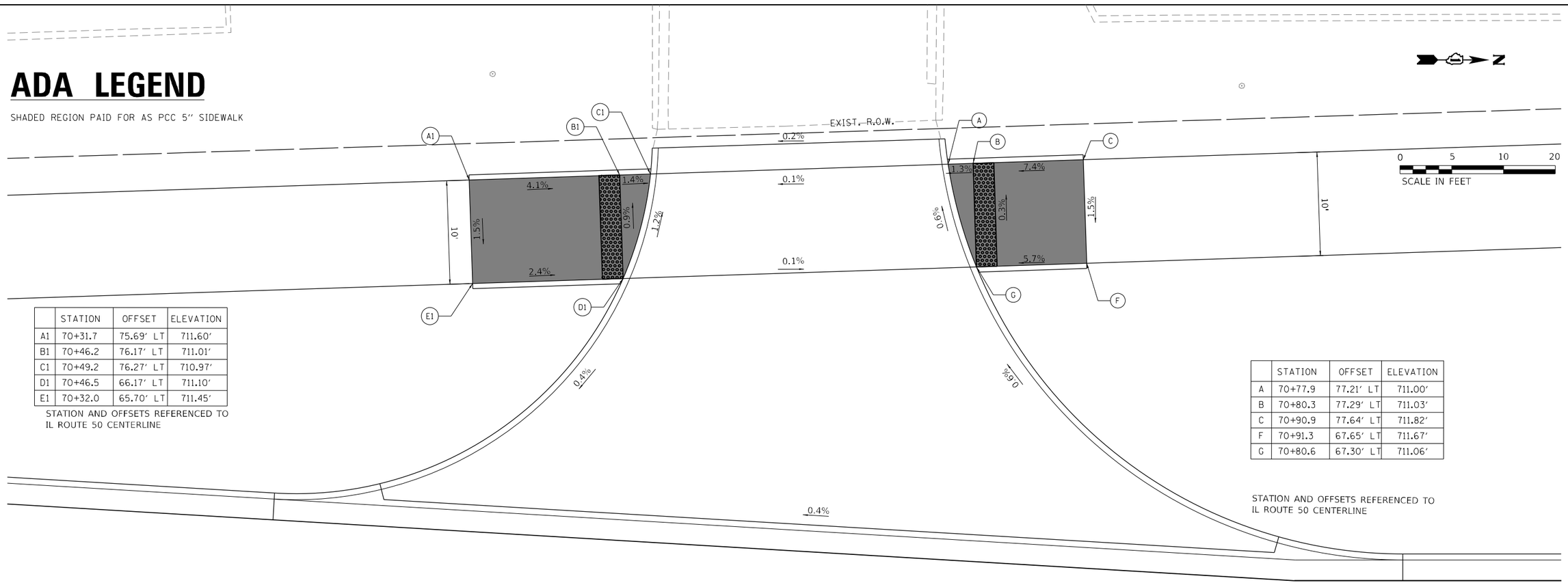
SIDEWALK DETAILS
IL ROUTE 50 AT TOWN CENTER DRIVE SW & NW CORNERS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	120
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

ADA LEGEND

SHADED REGION PAID FOR AS PCC 5" SIDEWALK



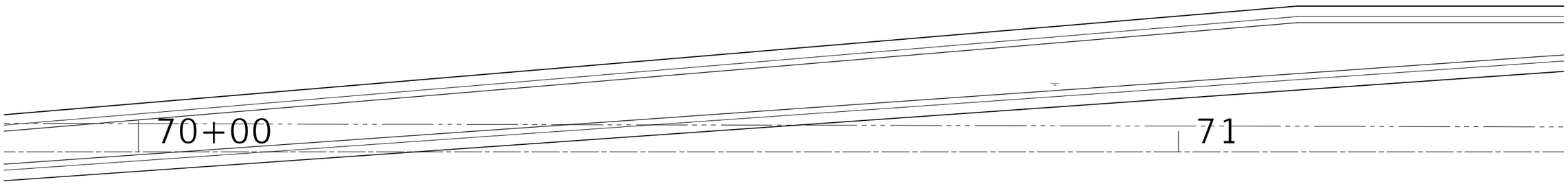
	STATION	OFFSET	ELEVATION
A1	70+31.7	75.69' LT	711.60'
B1	70+46.2	76.17' LT	711.01'
C1	70+49.2	76.27' LT	710.97'
D1	70+46.5	66.17' LT	711.10'
E1	70+32.0	65.70' LT	711.45'

STATION AND OFFSETS REFERENCED TO IL ROUTE 50 CENTERLINE

	STATION	OFFSET	ELEVATION
A	70+77.9	77.21' LT	711.00'
B	70+80.3	77.29' LT	711.03'
C	70+90.9	77.64' LT	711.82'
F	70+91.3	67.65' LT	711.67'
G	70+80.6	67.30' LT	711.06'

STATION AND OFFSETS REFERENCED TO IL ROUTE 50 CENTERLINE

IL ROUTE 50
DRIVEWAY STA 70+63



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Peralte-Clark LLC

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	DRAWN - NAE	REVISED -	
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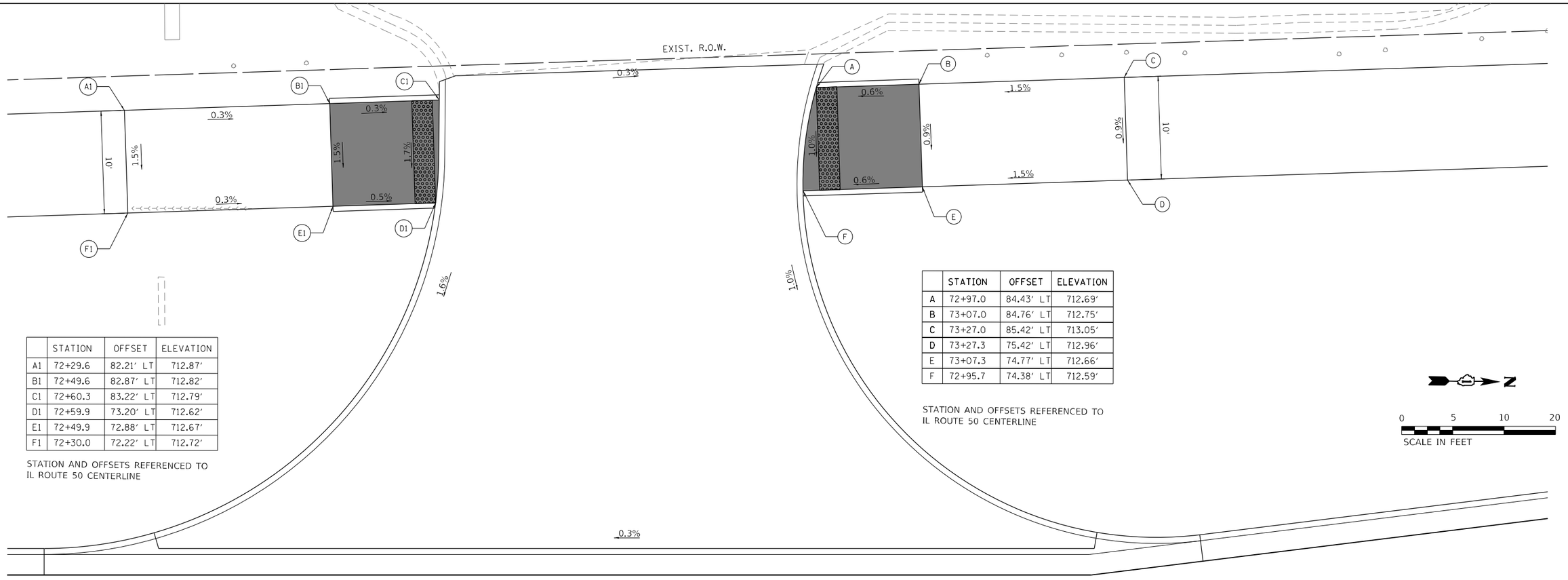
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAILS
IL ROUTE 50

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	121
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		



	STATION	OFFSET	ELEVATION
A1	72+29.6	82.21' LT	712.87'
B1	72+49.6	82.87' LT	712.82'
C1	72+60.3	83.22' LT	712.79'
D1	72+59.9	73.20' LT	712.62'
E1	72+49.9	72.88' LT	712.67'
F1	72+30.0	72.22' LT	712.72'

STATION AND OFFSETS REFERENCED TO
IL ROUTE 50 CENTERLINE

	STATION	OFFSET	ELEVATION
A	72+97.0	84.43' LT	712.69'
B	73+07.0	84.76' LT	712.75'
C	73+27.0	85.42' LT	713.05'
D	73+27.3	75.42' LT	712.96'
E	73+07.3	74.77' LT	712.66'
F	72+95.7	74.38' LT	712.59'

STATION AND OFFSETS REFERENCED TO
IL ROUTE 50 CENTERLINE

N

0 5 10 20
SCALE IN FEET

ADA LEGEND

SHADED REGION PAID FOR AS PCC 5'' SIDEWALK

IL ROUTE 50
DRIVEWAY STA 72+78

MODEL: Default
FILE NAME: Z:\18-0012-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Plan Production\Sheet\D162G38-sht-ADA-18.dgn

Peralte-Clark LLC

USER NAME = MET	DESIGNED - NAE	REVISED -
	DRAWN - NAE	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - MET	REVISED -
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

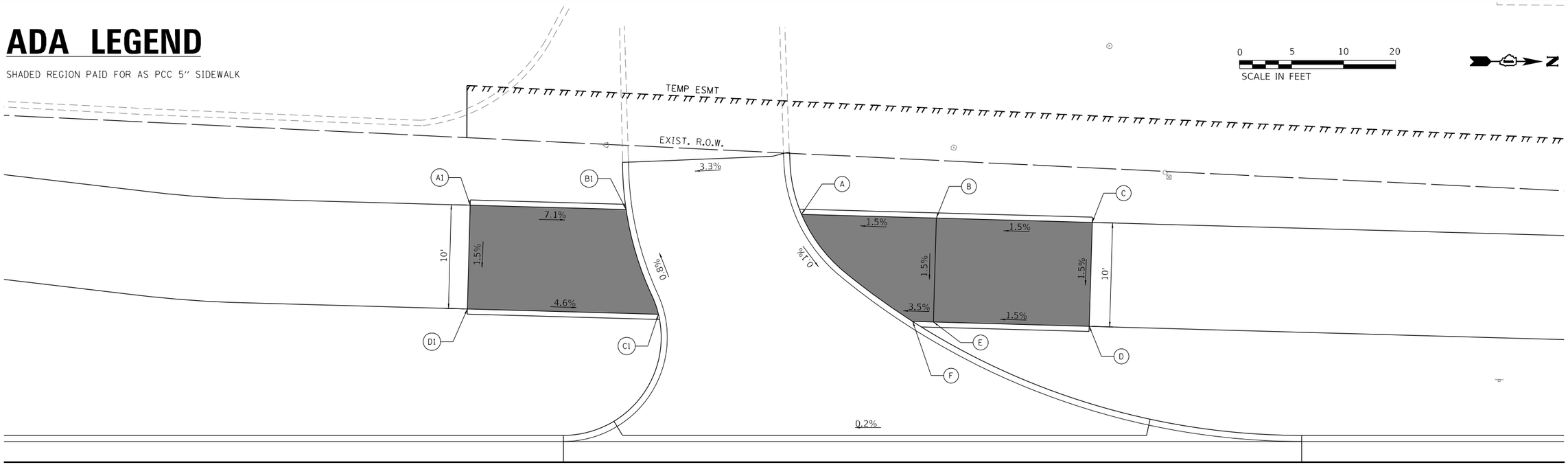
SIDEWALK DETAILS
IL ROUTE 50

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	122
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

ADA LEGEND

SHADED REGION PAID FOR AS PCC 5" SIDEWALK



	STATION	OFFSET	ELEVATION
A1	77+29.5	72.71' LT	714.03'
B1	77+44.5	72.29' LT	712.96'
C1	77+47.6	62.21' LT	713.04'
D1	77+29.3	62.72' LT	713.88'

STATION AND OFFSETS REFERENCED TO
IL ROUTE 50 CENTERLINE

	STATION	OFFSET	ELEVATION
A	77+61.4	71.82' LT	713.42'
B	77+74.4	71.46' LT	713.62'
C	77+89.4	71.05' LT	713.85'
D	77+89.1	61.06' LT	713.70'
E	77+74.1	61.48' LT	713.47'
F	77+72.1	61.53' LT	713.40'

STATION AND OFFSETS REFERENCED TO
IL ROUTE 50 CENTERLINE

IL ROUTE 50
DRIVEWAY STA 77+68

77 78

MODEL: Default
FILE NAME: Z:\18-00124-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Plan Production\Sheet\D162G38-sht-ADA-20.dgn

Peralte-Clark LLC

USER NAME = MET	DESIGNED - NAE	REVISED -	
	DRAWN - NAE	REVISED -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - MET	REVISED -	
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

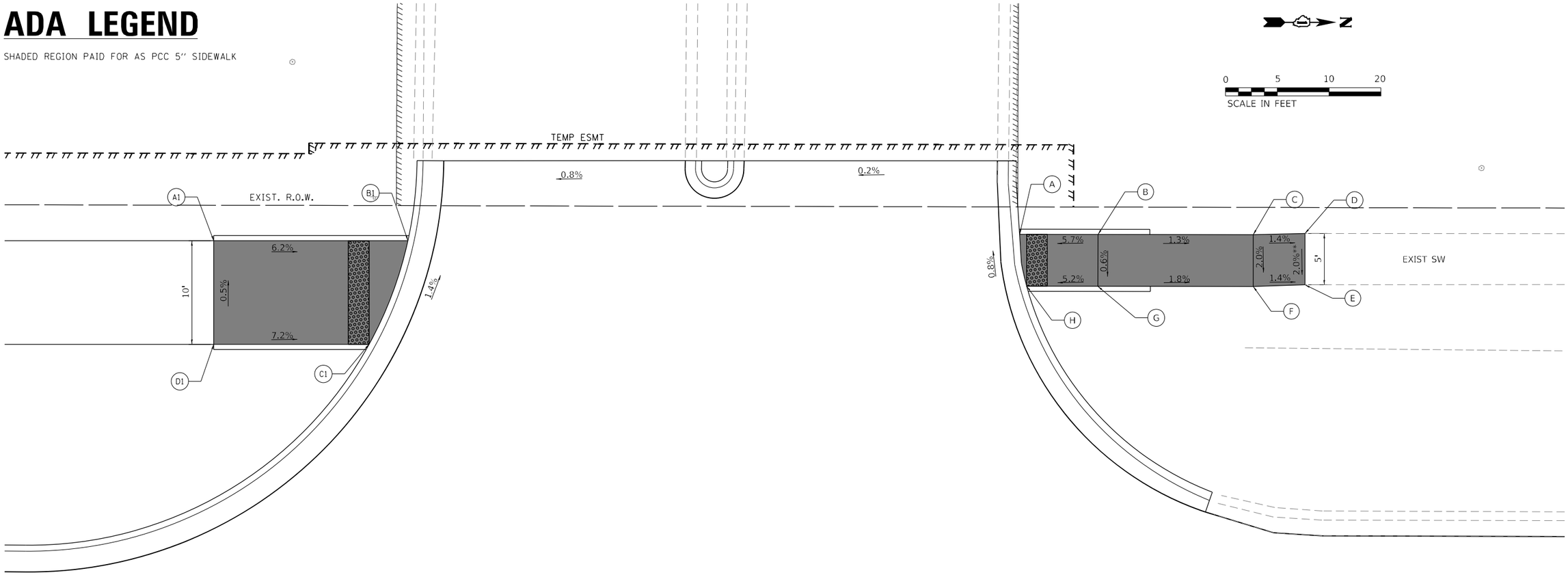
SIDEWALK DETAILS
IL ROUTE 50

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	123
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			

ADA LEGEND

SHADED REGION PAID FOR AS PCC 5'' SIDEWALK



	STATION	OFFSET	ELEVATION
A1	80+51.4	67.00' LT	714.98'
B1	80+70.2	67.00' LT	713.81'
C1	80+66.4	57.00' LT	713.95'
D1	80+51.4	57.00' LT	715.03'

STATION AND OFFSETS REFERENCED TO
IL ROUTE 50 CENTERLINE

	STATION	OFFSET	ELEVATION
A	81+29.2	67.61' LT	714.14'
B	81+36.8	67.61' LT	714.57' *
C	81+51.8	67.59' LT	714.37' *
D	81+56.8	67.70' LT	714.30' *
E	81+56.8	62.74' LT	714.20' *
F	81+51.8	62.59' LT	714.27'
G	81+36.8	62.61' LT	714.54'
H	81+29.9	62.62' LT	714.18'

STATION AND OFFSETS REFERENCED TO
IL ROUTE 50 CENTERLINE
* EXISTING ELEVATION
** TIE BACK TO EXISITNG SIDEWALK

IL ROUTE 50
DRIVEWAY STA 81+00

MODEL: Default
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Peralte-Clark LLC

USER NAME = MET	DESIGNED - NAE	REVISED -
	DRAWN - NAE	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - MET	REVISED -
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAILS
IL ROUTE 50

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	124
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

80+00

81

0 5 10 20
SCALE IN FEET

ADA LEGEND

SHADED REGION PAID FOR AS PCC 5" SIDEWALK

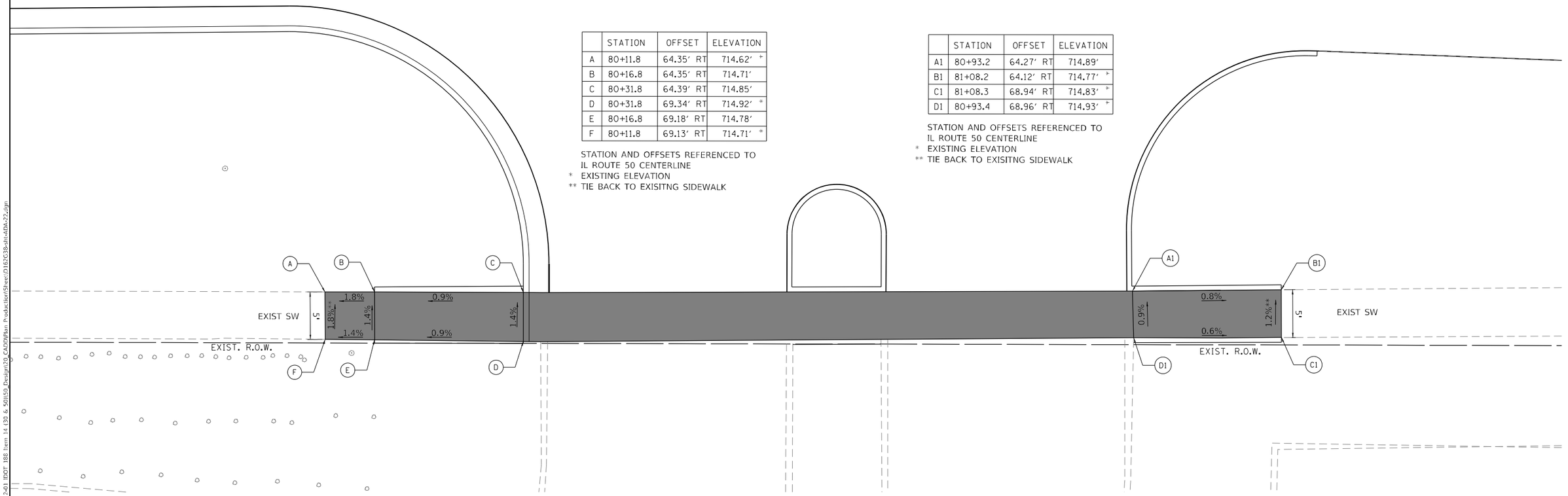
IL ROUTE 50
DRIVEWAY STA 81+50

	STATION	OFFSET	ELEVATION
A	80+11.8	64.35' RT	714.62' *
B	80+16.8	64.35' RT	714.71'
C	80+31.8	64.39' RT	714.85'
D	80+31.8	69.34' RT	714.92' *
E	80+16.8	69.18' RT	714.78'
F	80+11.8	69.13' RT	714.71' *

STATION AND OFFSETS REFERENCED TO
IL ROUTE 50 CENTERLINE
* EXISTING ELEVATION
** TIE BACK TO EXISITNG SIDEWALK

	STATION	OFFSET	ELEVATION
A1	80+93.2	64.27' RT	714.89'
B1	81+08.2	64.12' RT	714.77' *
C1	81+08.3	68.94' RT	714.83' *
D1	80+93.4	68.96' RT	714.93' *

STATION AND OFFSETS REFERENCED TO
IL ROUTE 50 CENTERLINE
* EXISTING ELEVATION
** TIE BACK TO EXISITNG SIDEWALK



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Peralte-Clark LLC	USER NAME = MET	DESIGNED - NAE	REVISED -
		DRAWN - NAE	REVISED -
	PLOT SCALE = 10.0000 ' / in.	CHECKED - MET	REVISED -
	PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAILS
IL ROUTE 50

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	125
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

PAVEMENT MARKING LEGEND

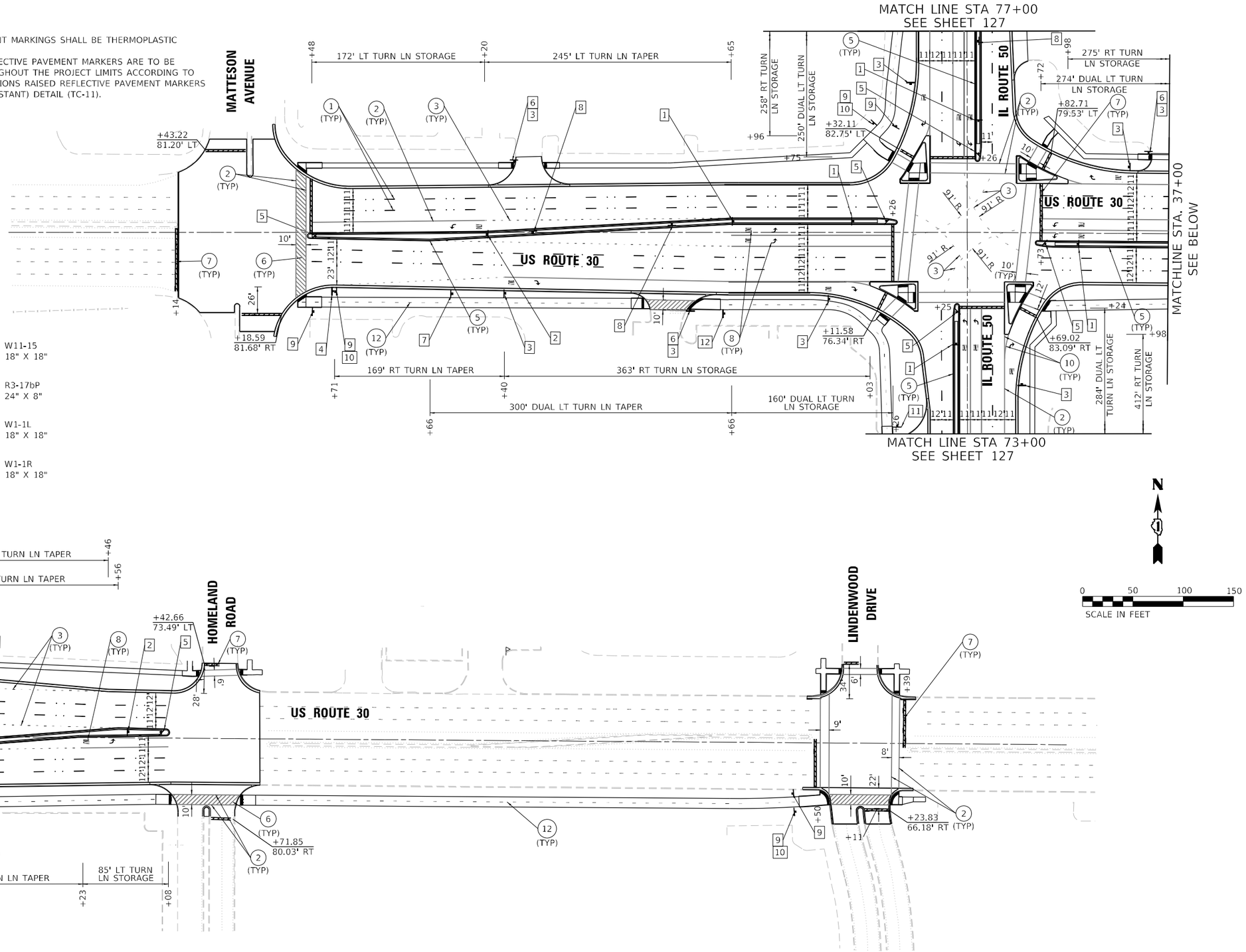
1. LINE 4" (WHITE) - 10' DASH, 30' SKIP
2. LINE 6" (WHITE)
3. LINE 6" (WHITE) - 2' DASH, 6' SKIP
4. LINE 4" (WHITE)
5. LINE 4" (YELLOW)
6. LINE 12" (WHITE) DIAGONAL - 45° (SPACED @ 2')
7. LINE 24" (WHITE) - STOP BAR
8. LETTERS AND SYMBOLS
9. LINE 6" (WHITE) CHEVRONS (5 MINIMUM EQUALLY SPACED)
10. LINE 8" (WHITE)
11. LINE 12" (WHITE)
12. LINE 4" (YELLOW) - 3' DASH, 9' SKIP

NOTE:
1. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC MATERIAL.
2. RAISED REFLECTIVE PAVEMENT MARKERS ARE TO BE INSTALLED THROUGHOUT THE PROJECT LIMITS ACCORDING TO "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT) DETAIL (TC-11).

SIGN LEGEND

1	ONLY ONLY	30" X 30"	5		R4-7 24" X 30"	9	W11-15 18" X 18"
2	ONLY	R3-5L 30" X 36"	6	STOP	R1-1 30" X 30"	10	ENDS R3-17bP 24" X 8"
3	ONLY	R3-5R 30" X 36"	7	RIGHT LANE MUST TURN RIGHT	R3-7R 30" X 30"	11	W1-1L 18" X 18"
4	BEGIN RIGHT TURN LANE	R3-20R 24" X 36"	8	ONE WAY	R6-2R 24" X 30"	12	W1-1R 18" X 18"

NOTE: SIGN R4-7 SHALL BE ROTATED AT A 45° ANGLE, TOWARDS LEFT TURNING TRAFFIC



USER NAME = MET	DESIGNED - ASH	REVISED -	**STATE OF ILLINOIS**	**PAVEMENT MARKING AND SIGNAGE PLAN**
	DRAWN - ASH	REVISED -	**DEPARTMENT OF TRANSPORTATION**	**US ROUTE 30 (LINCOLN HIGHWAY)**
PLOT SCALE = 100.0000 ' / in.	CHECKED - MET	REVISED -		SCALE: 1" = 50' | SHEET 1 OF 2 SHEETS | STA. 27+00 TO STA.50+00
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353&350	(22&23) TS-1	COOK	277	126
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

Peralte-Clark LLC

MODEL: Default
FILE NAME: 22-18-0012-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Plan Production\Sheets\D162G38-sht-PMK-1.dgn

PAVEMENT MARKING LEGEND

1. LINE 4" (WHITE) - 10' DASH, 30' SKIP
2. LINE 6" (WHITE)
3. LINE 6" (WHITE) - 2' DASH, 6' SKIP
4. LINE 4" (WHITE)
5. LINE 4" (YELLOW)
6. LINE 12" (WHITE) DIAGONAL - 45° (SPACED @ 2')
7. LINE 24" (WHITE) - STOP BAR
8. LETTERS AND SYMBOLS
9. LINE 6" (WHITE) CHEVRONS (5 MINIMUM EQUALLY SPACED)
10. LINE 8" (WHITE)
11. LINE 12" (WHITE)
12. LINE 4" (YELLOW) - 3' DASH, 9' SKIP

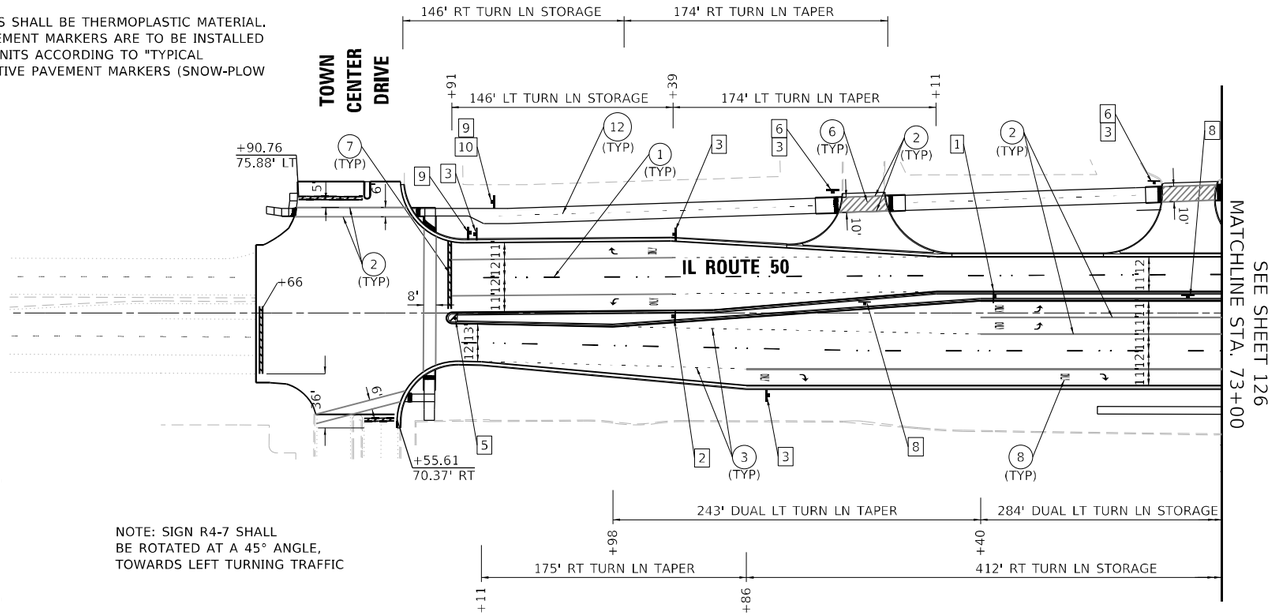
NOTE: ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC MATERIAL.

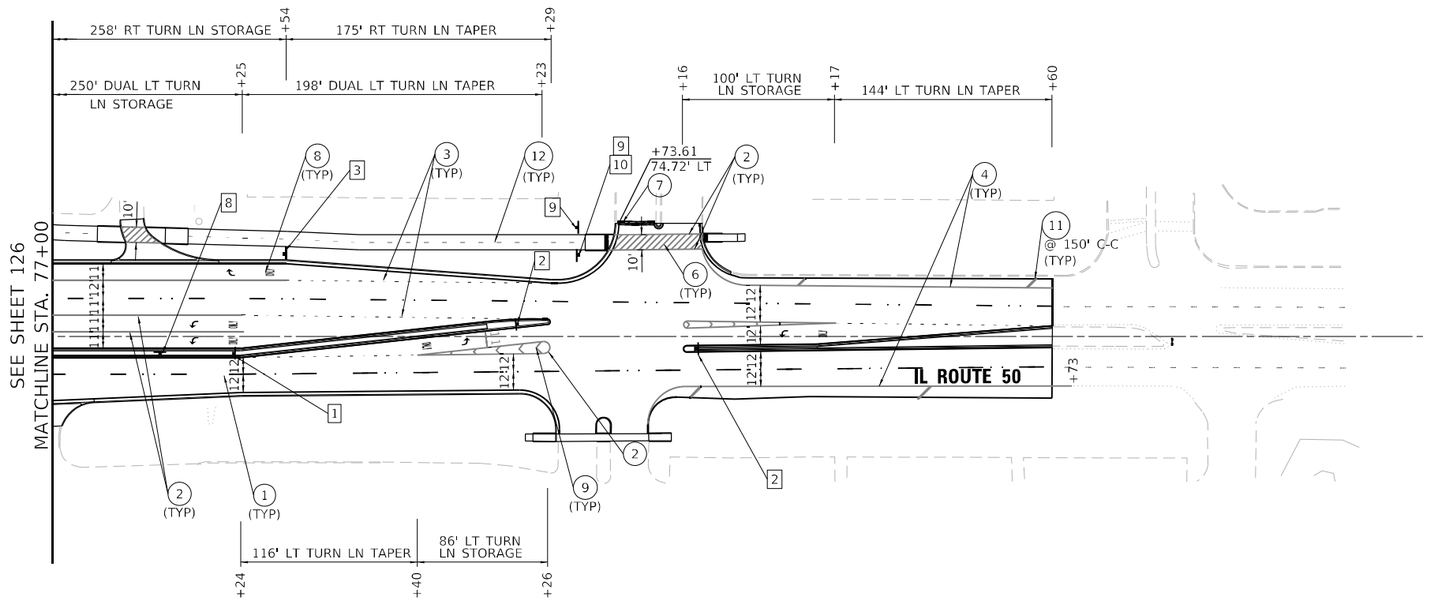
NOTE:

1. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC MATERIAL.
2. RAISED REFLECTIVE PAVEMENT MARKERS ARE TO BE INSTALLED THROUGHOUT THE PROJECT LINITS ACCORDING TO "TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT) DETAIL (TC-11).

SIGN LEGEND

1	ONLY ONLY	30" X 30"	5		R4-7 24" X 30"	9	W11-15 18" X 18"
2	ONLY	R3-5L 30" X 36"	6	STOP	R1-1 30" X 30"	10	ENDS R3-17bP 24" X 8"
3	ONLY	R3-5R 30" X 36"	7	RIGHT LANE MUST TURN RIGHT	R3-7R 30" X 30"	11	W1-1L 18" X 18"
4	BEGIN RIGHT TURN LANE	R3-20R 24" X 36"	8	ONE WAY	R6-2R 24" X 30"	12	W1-1R 18" X 18"





0 50 100 150
SCALE IN FEET

MODEL: Default
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Peralte-Clark LLC

USER NAME = MET	DESIGNED - ASH	REVISED -
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PLOT SCALE = 100.0000 ' / in.	CHECKED - MET	REVISED -
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND SIGNAGE PLAN
IL ROUTE 50 (CICERO AVENUE)

SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	127
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

EXISTING SIGN SCHEDULE

SIGN NUMBER	DIRECTION OF TRAVEL SIGN CORRESPONDS WITH	SIGN DESCRIPTION	SIGN CODE	STATION	OFFSET	ACTION	SIGN SUPPORT	WIDTH (IN)	DEPTH (IN)	AREA * (SQ FT)	72400100 REMOVE SIGN PANEL ASSEMBLY TYPE A	72400200 REMOVE SIGN PANEL ASSEMBLY TYPE B	73700100 REMOVE GROUND MOUNTED SIGN SUPPORT	72300100 INSTALL EXISTING SIGN PANEL	REMARKS
											EACH	EACH	EACH	SQ FT	
E30-1	EB	KEEP RIGHT	R4-7	28+40.90	2.95	REMOVE	POST MOUNTED	24	30	5.0	1		1		
E30-2	EB	SPEED LIMIT ("40")	R2-1	28+55.97	55.99	REMOVE	MOUNTED ON LIGHT POLE	24	30	5.0	1				
E30-3	WB	JUNCTION AUXILIARY	M2-1	28+75.47	-58.88	REMOVE & SALVAGE	MOUNTED TO LIGHT POLE	30	15	3.1	1			3.1	Sign shall be salvaged and re-installed on the nearest proposed or existing to remain light pole to the original location
		INTERSTATE ROUTE ("57")	M1-1			REMOVE & SALVAGE		36	36	9.0				9.0	
E30-4	EB	JUNCTION AUXILIARY	M2-1	29+66.70	59.67	REMOVE & SALVAGE	MOUNTED TO LIGHT POLE	30	15	3.1	1			3.1	Sign shall be salvaged and re-installed on the nearest proposed or existing to remain light pole to the original location
		STATE ROUTE MARKER ("50")	M1-I100			REMOVE & SALVAGE		36	36	9.0				9.0	
		DESTINATION ("CICERO AV")	N/A			REMOVE & SALVAGE		24	8	1.3				1.3	
E30-5	WB	MANDATORY MOVEMENT LANE CONTROL	R3-5R	29+91.95	2.73	REMOVE	POST MOUNTED	30	36	7.5	1		1		
E30-6	WB	U.S. ROUTE MARKER ("30")	M1-4	31+29.58	-58.42	REMOVE & SALVAGE	MOUNTED ON LIGHT POLE	36	36	9.0	1			9.0	Sign shall be salvaged and re-installed on the nearest proposed or existing to remain light pole to the original location
		CARDINAL DIRECTION AUXILIARY (WEST)	M3-1			REMOVE & SALVAGE		24	12	2.0				2.0	
E30-7	EB	MANDATORY MOVEMENT LANE CONTROL ("RIGHT	R3-7R	31+31.02	59.88	REMOVE	MOUNTED ON LIGHT POLE	30	30	6.3	1				
E30-8	EB	MANDATORY MOVEMENT LANE CONTROL	R3-5L	32+05.84	-6.39	REMOVE	POST MOUNTED	30	36	7.5	1		1		
E30-9	WB	SPEED LIMIT ("40")	R2-1	32+54.57	-58.00	REMOVE	MOUNTED ON LIGHT POLE	24	30	5.0	1				
E30-10	NB	ONE WAY	R6-2R	32+57.91	-6.73	REMOVE	POST MOUNTED	24	30	5.0	1		1		
E30-11	EB	MANDATORY MOVEMENT LANE CONTROL	R3-5R	32+82.53	60.26	REMOVE	MOUNTED ON LIGHT POLE	36	42	10.5		1			Sign shall be salvaged and re-installed on the nearest proposed or existing to remain light pole to the original location
		LOGO SIGN (WHITE CASTLE)	N/A			REMOVE & SALVAGE		30	18	3.8				3.8	
		LOGO SIGN (CULVER'S)	N/A			REMOVE & SALVAGE		30	18	3.8				3.8	
		DIRECTIONAL ARROW AUXILIARY (LEFT)	M6-1			REMOVE & SALVAGE		21	15	2.2				2.2	
E30-12	WB	HISTORIC LINCOLN HIGHWAY	XM-31	33+31.22	-53.92	REMOVE & SALVAGE	MOUNTED ON LIGHT POLE	24	30	5.0	1			5.0	Sign shall be salvaged and re-installed on the nearest proposed or existing to remain light pole to the original location
E30-13	EB	DESTINATION ("College")	N/A	33+58.52	62.19	REMOVE & SALVAGE	POST MOUNTED	42	18	5.3		1	1	5.3	Sign shall be salvaged and re-installed on the nearest proposed or existing to remain light pole to the original location
		LOGO SIGN (FUDDRUCKERS)	N/A			REMOVE & SALVAGE		30	18	3.8				3.8	
		LOGO SIGN (COMFORT INN)	N/A			REMOVE & SALVAGE		30	18	3.8				3.8	
		DIRECTIONAL ARROW AUXILIARY (RIGHT ARROW)	M6-1			REMOVE & SALVAGE		21	15	2.2				2.2	
E30-14	WB	KEEP RIGHT	R4-7	34+18.75	-6.42	REMOVE	POST MOUNTED	24	30	5.0	1		1		
E30-15	EB	STATE ROUTE MARKER ("50")	M1-I100	34+47.14	58.23	REMOVE & SALVAGE	MOUNTED ON MAST ARM POLE	36	36	9.0		1		9.0	Sign shall be salvaged and re-installed on the nearest proposed or existing to remain light pole to the original location
		U.S. ROUTE MARKER ("30")	M1-4			REMOVE & SALVAGE		36	36	9.0				9.0	
		DIRECTIONAL ARROW AUXILIARY (DOUBLE-HEADED	M6-4			REMOVE & SALVAGE		15	21	2.2				2.2	
		DIRECTIONAL ARROW (UP ARROW)	M6-3			REMOVE & SALVAGE		15	21	2.2				2.2	
E30-16	EB	KEEP RIGHT	R4-7	35+63.49	-4.65	REMOVE	POST MOUNTED	24	30	5.0	1		1		
E30-17	EB	ADOPT-A-HIGHWAY (LAND OF LINCOLN)	I1-I107a	35+98.08	55.44	REMOVE & SALVAGE	MOUNTED ON MAST ARM POLE	30	36	7.5		1		7.5	Sign shall be salvaged and re-installed on the nearest proposed or existing to remain light pole to the original location
		ADOPT-A-HIGHWAY (GROUP NAME)	I1-I107b			REMOVE & SALVAGE		30	18	3.8				3.8	
E30-18	WB	MANDATORY MOVEMENT LANE CONTROL	R3-5L	35+99.52	-4.90	REMOVE	POST MOUNTED	30	36	7.5	1		1		
E30-19	EB	U.S. ROUTE MARKER ("30")	M1-4	37+46.17	48.97	REMOVE & SALVAGE	MOUNTED ON LIGHT POLE	36	36	9.0	1			9.0	Sign shall be salvaged and re-installed on the nearest proposed or existing to remain light pole to the original location
		CARDINAL DIRECTION AUXILIARY (EAST)	M3-2			REMOVE & SALVAGE		24	12	2.0				2.0	
E30-20	WB	STATE ROUTE MARKER ("50")	M1-I100	37+50.17	-53.40	REMOVE & SALVAGE	MOUNTED ON LIGHT POLE	36	36	9.0		1		9.0	Sign shall be salvaged and re-installed on the nearest proposed or existing to remain light pole to the original location
		U.S. ROUTE MARKER ("30")	M1-4			REMOVE & SALVAGE		36	36	9.0				9.0	
		DIRECTIONAL ARROW AUXILIARY (DOUBLE-HEADED	M6-4			REMOVE & SALVAGE		15	21	2.2				2.2	
		DIRECTIONAL ARROW AUXILIARY (UP ARROW)	M6-3			REMOVE & SALVAGE		15	21	2.2				2.2	
		RED LIGHT PHOTO ENFORCED	R10-I104			REMOVE		30	30	6.3					
E30-21	EB	SPEED LIMIT ("40")	R2-1	39+02.59	48.83	REMOVE	MOUNTED ON LIGHT POLE	24	30	5.0	1				
E30-22	EB	HISTORIC LINCOLN HIGHWAY	XM-31	40+55.91	48.93	REMOVE & SALVAGE	MOUNTED ON LIGHT POLE	24	30	5.0	1			5.0	Sign shall be salvaged and re-installed on the nearest proposed or existing to remain light pole to the original location
E30-23	EB	"TREE CITY USA"	N/A	42+17.83	49.19	REMOVE & SALVAGE	MOUNTED ON LIGHT POLE	24	30	5.0	1			5.0	Sign shall be salvaged and re-installed on the nearest proposed or existing to remain light pole to the original location
E30-24	WB	JUNCTION AUXILIARY	M2-1	42+27.99	-52.48	REMOVE & SALVAGE	MOUNTED ON LIGHT POLE	30	15	3.1	1			3.1	Sign shall be salvaged and re-installed on the nearest proposed or existing to remain light pole to the original location
		STATE ROUTE MARKER ("50")	M1-I100			REMOVE & SALVAGE		36	36	9.0				9.0	
		DESTINATION ("CICERO AV")	N/A			REMOVE & SALVAGE		24	8	1.3				1.3	
E30-25	WB	SPEED LIMIT ("40")	R2-1	46+83.36	-52.10	REMOVE	MOUNTED ON LIGHT POLE	24	30	5.0	1				
E30-26	EB	SPEED LIMIT ("40")	R2-1	49+79.39	50.08	REMOVE	MOUNTED ON LIGHT POLE	24	30	5.0	1				
E30-27	WB	STOP SIGN	R1-1	30+51.8	-74.80	REMOVE	POST MOUNTED	36	36	9.0	1		1		
E30-28	EB	STOP SIGN	R1-1	31+85.6	72.20	REMOVE	POST MOUNTED	36	36	9.0	1		1		
E30-29	WB	STOP SIGN	R1-1	38+38.2	-78.80	REMOVE	POST MOUNTED	36	36	9.0	1		1		
E30-30	WB	STOP SIGN	R1-1	41+41.5	-74.90	REMOVE	POST MOUNTED	36	36	9.0	1		1		
E30-31	EB	STOP SIGN	R1-1	41+72.1	77.40	REMOVE	POST MOUNTED	36	36	9.0	1		1		
E50-1	NB	MANDATORY MOVEMENT LANE CONTROL	R3-5L	65+63.19	-8.52	REMOVE	POST MOUNTED	30	36	7.5	1		1		
E50-2	NB	MANDATORY MOVEMENT LANE CONTROL	R3-5R	66+14.88	49.92	REMOVE	MOUNTED ON LIGHT POLE	30	36	7.5	1				
E50-3	SB	KEEP RIGHT	R4-7	66+58.74	-8.46	REMOVE	POST MOUNTED	24	30	5.0	1		1		
E50-4	SB	MANDATORY MOVEMENT LANE CONTROL	R3-5R	67+79.81	-60.28	REMOVE	MOUNTED ON MAST ARM POLE	30	36	7.5	1				
E50-5	NB	JUNCTION AUXILIARY	M2-1	67+80.67	48.57	REMOVE & SALVAGE	MOUNTED ON MAST ARM POLE	30	15	3.1	1			3.1	Sign shall be salvaged and re-installed on the nearest proposed or existing to remain light pole to the original location
		U.S. ROUTE MARKER ("30")	M1-4			REMOVE & SALVAGE		36	36	9.0				9.0	
		DESTINATION ("LINCOLN HWY")	N/A			REMOVE & SALVAGE		24	8	1.3				1.3	
E50-6	NB	KEEP RIGHT	R4-7	67+90.06	1.39	REMOVE	POST MOUNTED	24	30	5.0	1		1		
E50-7	NB	DESTINATION ("<-- Joliet Chicago Hts -->")	D1-2	70+50.07	48.06	REMOVE	POST MOUNTED (WOODEN POST)	64	30	13.3		1	1	13.3	
E50-8	SB	ADOPT-A-HIGHWAY (LOVE THE LAND OF LINCOLN)	I1-I107a	70+15	-49.96	REMOVE & SALVAGE	MOUNTED ON LIGHT POLE	30	36	7.5		1		7.5	Sign shall be salvaged and re-installed on the nearest proposed or existing to remain light pole to the original location
		ADOPT-A-HIGHWAY (GROUP NAME)	I1-I107b			REMOVE & SALVAGE		30	18	3.8				3.8	
E50-9	SB	MANDATORY MOVEMENT LANE CONTROL	R3-5L	70+88.11	-6.48	REMOVE	POST MOUNTED	30	36	7.5	1		1		
E50-10	NB	TO AUXILIARY	M4-5	71+77.80	42.72	REMOVE & SALVAGE	MOUNTED ON LIGHT POLE	24	12	2.0	1			2.0	Sign shall be salvaged and re-installed on the nearest proposed or existing to remain light pole to the original location
		INTERSTATE ROUTE ("57")	M1-1			REMOVE & SALVAGE		36	36	9.0				9.0	
		DIRECTIONAL ARROW AUXILIARY	M6-1			REMOVE & SALVAGE		21	15	2.2				2.2	
E50-11	SB	KEEP RIGHT	R4-7	74+27.52	-7.45	REMOVE	POST MOUNTED	24	30	5.0	1		1		
E50-12	NB	KEEP RIGHT	R4-7	75+62.13	3.69	REMOVE	POST MOUNTED	24	30	5.0	1		1		
E50-13	SB	U.S. ROUTE MARKER ("30")	M1-4	76+31.91	-53.83	REMOVE & SALVAGE	POST MOUNTED	36	36	9.0		1		9.0	Sign shall be salvaged and re-installed on the nearest proposed or existing to remain light pole to the original location
		DIRECTIONAL ARROW AUXILIARY (UP ARROW)	M6-3			REMOVE & SALVAGE		15	21	2.2				2.2	
		STATE ROUTE MARKER ("50")	M1-I100			REMOVE & SALVAGE		36	36	9.0				9.0	
		DIRECTIONAL ARROW AUXILIARY (DOUBLE HEADED	M6-4			REMOVE & SALVAGE		15	21	2.2				2.2	
E50-14	NB	CARDINAL DIRECTION AUXILIARY (NORTH)	M3-1	76+55.79	49.76	REMOVE & SALVAGE	MOUNTED ON LIGHT POLE	24	12	2.0	1			2.0	Sign shall be salvaged and re-installed on the nearest proposed or existing to remain light pole to the original location
		STATE ROUTE MARKER ("50")	M1-I100			REMOVE & SALVAGE		36	36	9.0				9.0	
E50-15	NB	ADOPT-A-HIGHWAY (LOVE THE LAND OF LINCOLN)	I1-I107a	78+08.52	49.02	REMOVE & SALVAGE	MOUNTED ON LIGHT POLE	30	36	7.5		1		7.5	Sign shall be salvaged and re-installed on the nearest proposed or existing to remain light pole to the original location
		ADOPT-A-HIGHWAY (GROUP NAME)	I1-I107b			REMOVE & SALVAGE		30	18	3.8				3.8	
E50-16	NB	MANDATORY MOVEMENT LANE CONTROL	R3-5L	78+10.36	-0.67	REMOVE	POST MOUNTED	30	36	7.5	1		1		
E50-17	SB	RED LIGHT PHOTO ENFORCED	R10-I104	78+16.09	-57.72	REMOVE	MOUNTED ON LIGHT POLE	30	30	6.3	1				
E50-18	SB	TO AUXILIARY	M4-5	78+28.51	-55.84	REMOVE & SALVAGE	POST MOUNTED	24	12	2.0	1		1	2.0	Sign shall be salvaged and re-installed on the nearest proposed or existing to remain light pole to the original location
		INTERSTATE ROUTE ("57")	M1-1			REMOVE & SALVAGE		36	36	9.0				9.0	
		DIRECTIONAL ARROW AUXILIARY (RIGHT ARROW)	M6-1			REMOVE & SALVAGE		21	15	2.2				2.2	
E50-19	SB	RIGHT TURN LANE	R3-I100a	79+08.80	-59.99	REMOVE	POST MOUNTED	24	24	4.0	1		1		
E50-20	NB	SPEED LIMIT ("40")	R2-1	79+67.00	45.12	REMOVE	MOUNTED ON LIGHT POLE	24	30	5.0	1				
E50-21	SB	JUNCTION AUXILIARY	M2-1	79+69.95	-57.86	REMOVE & SALVAGE	MOUNTED ON LIGHT POLE	30	15	3.1	1			3.1	Sign shall be salvaged and re-installed on the nearest proposed or existing to remain light pole to the original location
		U.S. ROUTE MARKER ("30")	M1-4			REMOVE & SALVAGE		36	36	9.0				9.0	
		DESTINATION ("LINCOLN HWY")	N/A			REMOVE & SALVAGE		24	9	1.5				1.5	
E50-22	SB	MANDATORY MOVEMENT LANE CONTROL	R3-5L	82+54.08	3.67	REMOVE	POST MOUNTED	30	36	7.5	1		1		
E50-23	SB	KEEP RIGHT	R4-7	84+30.15	4.39	REMOVE	POST MOUNTED	24	30	5.0	1		1		
E50-24	NB	KEEP RIGHT	R4-7	84+75.58	4.58	REMOVE	POST MOUNTED	24	30	5.0	1		1		
E50-25	SB	STOP SIGN	R1-1	64+61.7	80.60	REMOVE	POST MOUNTED	36	36	9.0	1		1		
E50-26	SB	STOP SIGN	R1-1	72+61.7	-85.60	REMOVE	POST MOUNTED	36	36	9.0	1		1		
		MANDATORY MOVEMENT LANE CONTROL	R3-5			REMOVE	POST MOUNTED	30	36	7.5	1		1		
E50-27	SB	STOP SIGN	R1-1	80+72.5	-74.70	REMOVE	POST MOUNTED	36	36	9.0	1		1		
TOTALS											**50**	**9**	**30**	**279.6**	

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Peralte-Clark LLC

USER NAME = MET	DESIGNED - ASH	REVISED -
	DRAWN - ASH	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - JAP	REVISED -
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING SIGNAGE SCHEDULE

SCALE: N/A | SHEET OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	128
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

PROPOSED SIGN SCHEDULE

SIGN NUMBER	SIGN DESCRIPTION	SIGN CODE	STATION	OFFSET	SIGN WIDTH (W)	SIGN DEPTH (D)	SIGN PANEL AREA*	SUPPORT HEIGHT (H)	LENGTH OF POST NEEDED ABOVE GROUND* (H+D)	72000100 SIGN PANEL TYPE 1	72900100 METAL POST TYPE A*	72900200 METAL POST TYPE B*	72800100 TELESCOPING STEEL SIGN SUPPORT	REMARKS
					IN	IN	SQ FT	FT	FT	SQ FT	FT	FT	FT	
P1-1	KEEP RIGHT	R4-7	28+52	3.46	24	30	5	7	9.5	5			13	Median mounted sign
P3-1	BEGIN RIGHT TURN LANE	R3-20R	28+70	58.55	24	36	6	7	10	6		14		One sign post (4' bury depth)
P4-1	RIGHT LANE MUST TURN RIGHT	R3-7R	29+89	61.15	30	30	6.25	7	9.5	6.25				Mounted on proposed light post
P5-1	MANDATORY MOVEMENT LANE CONTROL	R3-5L	30+23	2.02	30	36	7.5	7	10	7.5			13	Median mounted sign
P6-1	MANDATORY MOVEMENT LANE CONTROL	R3-5R	30+41	60.79	30	36	7.5	7	10	7.5	27			Two sign posts of 13.5' each (3.5' bury depth)
P7-1	STOP	R1-1	30+50	-70.81	30	30	5.18	7	9.5	5.18		13.5		One sign post (4' bury depth)
P8-1	MANDATORY MOVEMENT LANE CONTROL	R3-5R	30+50	-70.81	30	36	7.5	7	10	7.5				Mounted on same post with P7-1
P9-1	ONE WAY	R6-2R	30+68	-0.04	24	30	5	7	9.5	5		13.5		One sign post (4' bury depth)
P10-1	ONE WAY	R6-2R	32+06	-7.83	24	30	5	7	9.5	5		13.5		One sign post (4' bury depth)
P11-1	STOP	R1-1	32+21	81.88	30	30	5.18	7	9.5	5.18		13.5		One sign post (4' bury depth)
P12-1	MANDATORY MOVEMENT LANE CONTROL	R3-5R	32+21	81.88	30	36	7.5	7	10	7.5				Mounted on same post with P11-1
P13-1	DOUBLE MANDATORY MOVEMENT LANE		32+67	-10.92	30	30	6.25	7	9.5	6.25			13	Median mounted sign
P14-1	MANDATORY MOVEMENT LANE CONTROL	R3-5R	33+63	66.39	30	36	7.5	7	10	7.5				Mounted on proposed lightpost
P16-1	DOUBLE MANDATORY MOVEMENT LANE		33+86	-11.24	30	30	6.25	7	9.5	6.25			13	Median mounted sign
P17-1	KEEP RIGHT	R4-7	34+18	-10.91	24	30	5	7	9.5	5			13	Median mounted sign
P18-1	KEEP RIGHT	R4-7	35+79	10.74	24	30	5	7	9.5	5			13	Median mounted sign
P19-1	DOUBLE MANDATORY MOVEMENT LANE		36+10	10.96	30	30	6.25	7	9.5	6.25			13	Median mounted sign
P21-1	MANDATORY MOVEMENT LANE CONTROL	R3-5R	36+60	-66.06	30	36	7.5	7	10	7.5				Mounted on proposed lightpost
P22-1	STOP	R1-1	36+80	-80.64	30	30	5.18	7	9.5	5.18		13.5		One sign post (4' bury depth)
P23-1	MANDATORY MOVEMENT LANE CONTROL	R3-5R	36+80	-80.64	30	36	7.5	7	10	7.5				Mounted on same post with P22-1
P24-1	ONE WAY	R6-2R	37+05	10.96	24	30	5	7	9.5	5			13	Median mounted sign
P25-1	STOP	R1-1	38+35	-80.41	30	30	5.18	7	9.5	5.18		13.5		One sign post (4' bury depth)
P26-1	MANDATORY MOVEMENT LANE CONTROL	R3-5R	38+35	-80.41	30	36	7.5	7	10	7.5				Mounted on same post with P25-1
P27-1	ONE WAY	R6-2R	38+44	10.92	24	30	5	7	9.5	5			13	Median mounted sign
P28-1	DOUBLE MANDATORY MOVEMENT LANE		38+49	10.88	30	30	6.25	7	9.5	6.25			13	Median mounted sign
P29-1	MANDATORY MOVEMENT LANE CONTROL	R3-5R	39+17	-61.25	30	36	7.5	7	10	7.5				Mounted on proposed lightpost
P30-1	MANDATORY MOVEMENT LANE CONTROL	R3-5L	40+99	-5.71	30	36	7.5	7	10	7.5			13	Median mounted sign
P31-1	KEEP RIGHT	R4-7	40+99	-5.71	24	30	5	7	9.5	5				Mounted on backside of P30-1 post
R2-2	KEEP RIGHT	R4-7	67+96	3.34	24	30	5	7	9.5	5			13	Median mounted sign
R3-2	MANDATORY MOVEMENT LANE CONTROL	R3-5R	68+02	-51.86	30	36	7.5	7	10	7.5	27			Two sign posts of 13.5' each (3.5' bury depth)
R4-2	MANDATORY MOVEMENT LANE CONTROL	R3-5R	69+38	-51.86	30	36	7.5	7	10	7.5	27			Two sign posts of 13.5' each (3.5' bury depth)
R5-2	MANDATORY MOVEMENT LANE CONTROL	R3-5L	69+38	2.36	30	36	7.5	7	10	7.5			13	Median mounted sign
R6-2	MANDATORY MOVEMENT LANE CONTROL	R3-5R	70+00	54.58	30	36	7.5	7	10	7.5				Mounted on proposed lightpost
R7-2	STOP	R1-1	70+43	-80.03	30	30	5.18	7	9.5	5.18		13.5		One sign post (4' bury depth)
R8-2	MANDATORY MOVEMENT LANE CONTROL	R3-5R	70+43	-80.03	30	36	7.5	7	10	7.5				Mounted on same post with R7-2
R9-2	ONE WAY	R6-2R	70+64	-6.18	24	30	5	7	9.5	5			13	Median mounted sign
R10-2	DOUBLE MANDATORY MOVEMENT LANE		71+50	-10.74	30	30	6.25	7	9.5	6.25			13	Median mounted sign
R11-2	STOP	R1-1	72+55	-85.93	30	30	5.18	7	9.5	5.18	26			Two sign posts of 13' each (3.5' bury depth)
R12-2	MANDATORY MOVEMENT LANE CONTROL	R3-5R	72+55	-85.93	30	36	7.5	7	10	7.5				Mounted on same post R11-2
R13-2	ONE WAY	R6-2R	72+78	-10.85	24	30	5	7	9.5	5			13	Median mounted sign
R14-2	MANDATORY MOVEMENT LANE CONTROL	R3-5R	73+49	54.18	30	36	7.5	7	10	7.5				Mounted on proposed lightpost
R16-2	DOUBLE MANDATORY MOVEMENT LANE		73+89	-11.21	30	30	6.25	7	9.5	6.25			13	Median mounted sign
R17-2	KEEP RIGHT	R4-7	74+20	-10.71	24	30	5	7	9.5	5			13	Median mounted sign
R18-2	DOUBLE MANDATORY MOVEMENT LANE		76+11	11.29	30	30	6.25	7	9.5	6.25			13	Median mounted sign
R19-2	KEEP RIGHT	R4-7	75+80	10.91	24	30	5	7	9.5	5			13	Median mounted sign
R21-2	MANDATORY MOVEMENT LANE CONTROL	R3-5R	76+48	-55.96	30	36	7.5	7	10	7.5				Mounted on proposed lightpost
R22-2	ONE WAY	R6-2R	76+90	10.82	24	30	5	7	9.5	5			13	Median mounted sign
R23-2	ONE WAY	R6-2R	77+71	11.46	24	30	5	7	9.5	5			13	Median mounted sign
R24-2	DOUBLE MANDATORY MOVEMENT LANE		78+19	11.17	30	30	6.25	7	9.5	6.25			13	Median mounted sign
R25-2	MANDATORY MOVEMENT LANE CONTROL	R3-5R	78+53	-54.65	30	36	7.5	7	10	7.5	27			Two sign posts of 13.5' each (3.5' bury depth)
W11-15	COMBINATION BIKE AND PEDESTRIAN CROSSING	W11-15	28+50	79.99	18	18	2.25	7	8.5	2.25	12			SW S.U.P. signage (3.5' bury depth)
W11-15	COMBINATION BIKE AND PEDESTRIAN CROSSING	W11-15	28+70	58.42	18	18	2.25	7	8.5	2.25				SW S.U.P signage - shared post - Diamond shape sign
R3-17bP	ENDS - BIKE LANE PLAQUE	R3-17bP	28+70	58.42	24	8	1.33	7	7.7	1.33		13.8		SW S.U.P signage - shared post (4' bury depth)
W1-1R	CURVE WARNING	W1-1R	81+25	8.32	18	18	2.25	7	8.5	2.25	12.6			SW S.U.P signage. - Diamond shape sign (3.5' bury depth)
W11-15	COMBINATION BIKE AND PEDESTRIAN CROSSING	W11-15	68+03	-52.89	18	18	2.25	7	8.5	2.25	12.6			SW S.U.P signage - Diamond shape sign (3.5' bury depth)
R3-17bP	ENDS - BIKE LANE PLAQUE	R3-17bP	68+20	-73.27	24	8	1.33	7	7.7	1.33				SW S.U.P signage - shared post
W11-15	COMBINATION BIKE AND PEDESTRIAN CROSSING	W11-15	68+20	-73.27	18	18	2.25	7	8.5	2.25		13.8		SW S.U.P signage - shared post - Diamond shape sign (4' bury depth)
W1-1L	CURVE WARNING	W1-1L	73+06	-69.68	18	18	2.25	7	8.5	2.25	12.6			SW S.U.P signage - Diamond shape sign (3.5' bury depth)
W11-15	COMBINATION BIKE AND PEDESTRIAN CROSSING	W11-15	76+05	-69.66	18	18	2.25	7	8.5	2.25	12.6			NW S.U.P signage - Diamond shape sign (3.5' bury depth)
W11-15	COMBINATION BIKE AND PEDESTRIAN CROSSING	W11-15	76+09	-94.01	18	18	2.25	7	8.5	2.25		13.8		NW S.U.P signage - shared post - Diamond shape sign (4' bury depth)
R3-17bP	ENDS - BIKE LANE PLAQUE	R3-17bP	76+09	-94.01	24	8	1.33	7	7.7	1.33				NW S.U.P signage - shared post
W11-15	COMBINATION BIKE AND PEDESTRIAN CROSSING	W11-15	80+47	-71.97	18	18	2.25	7	8.5	2.25	12.6			NW S.U.P signage - Diamond shape sign (3.5' bury depth)
W11-15	COMBINATION BIKE AND PEDESTRIAN CROSSING	W11-15	80+47	-94.01	18	18	2.25	7	8.5	2.25		13.8		NW S.U.P signage - shared post - Diamond shape sign (4' bury depth)
R3-17bP	ENDS - BIKE LANE PLAQUE	R3-17bP	80+47	-94.01	24	8	1.33	7	7.7	1.33				NW S.U.P signage - shared post
W11-15	COMBINATION BIKE AND PEDESTRIAN CROSSING	W11-15	47+32	49.44	18	18	2.25	7	8.5	2.25	12.6			SE S.U.P signage - Diamond shape sign (3.5' bury depth)
W11-15	COMBINATION BIKE AND PEDESTRIAN CROSSING	W11-15	47+32	69.44	18	18	2.25	7	8.5	2.25		13.8		SE S.U.P signage - shared post - Diamond shape sign (4' bury depth)
R3-17bP	ENDS - BIKE LANE PLAQUE	R3-17bP	47+32	69.44	24	8	1.33	7	7.7	1.33				SE S.U.P signage - shared post
TOTALS										344	222	177	299	

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Peralte-Clark LLC

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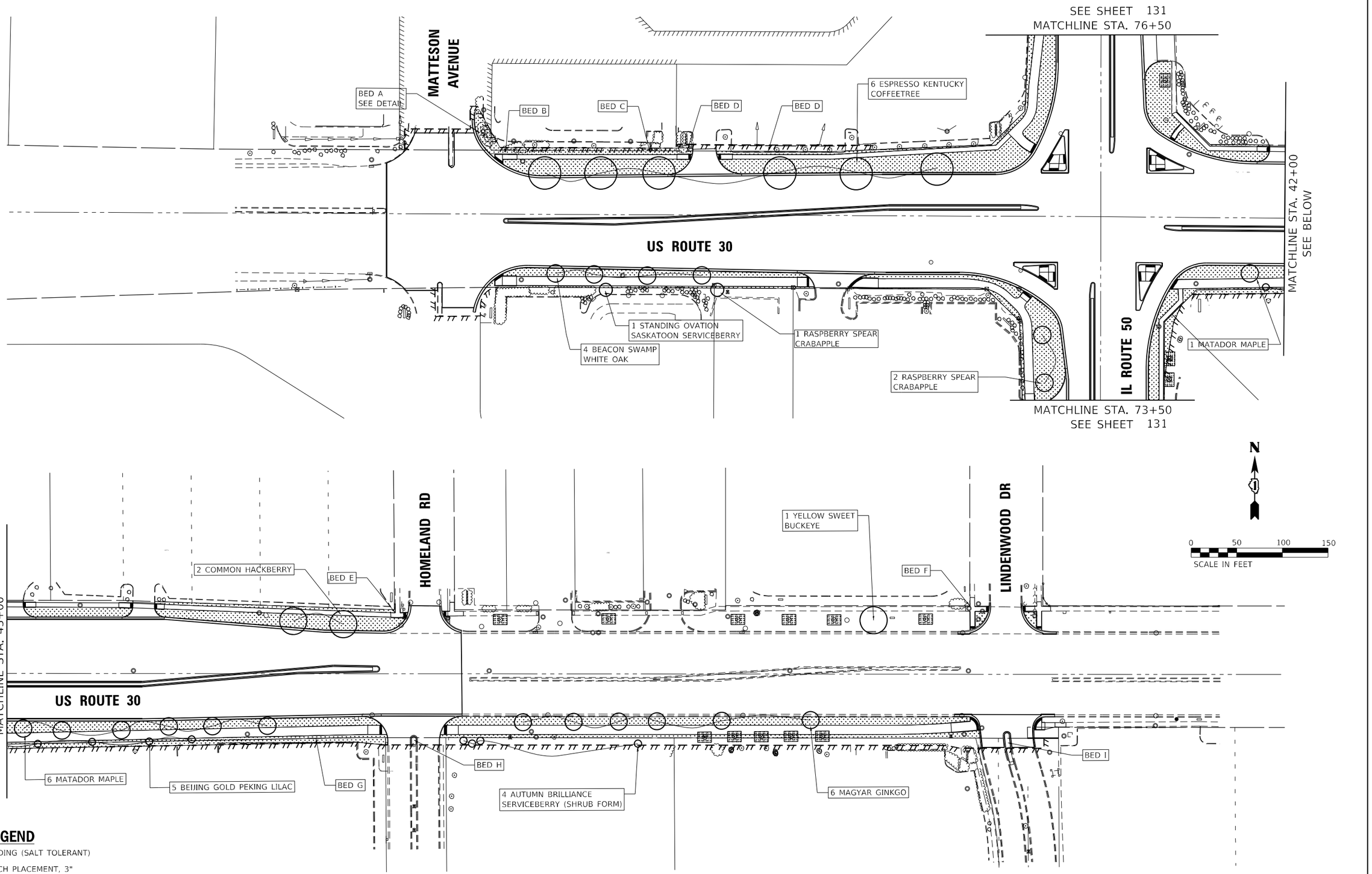
	DRAWN - ASH	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - JAP	REVISED -
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED SIGNAGE SCHEDULE

SCALE: N/A | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	129
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			



LEGEND

- SODDING (SALT TOLERANT)
- MULCH PLACEMENT, 3"
- PROPOSED TREE

MODEL: Default
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Peralte-Clark LLC

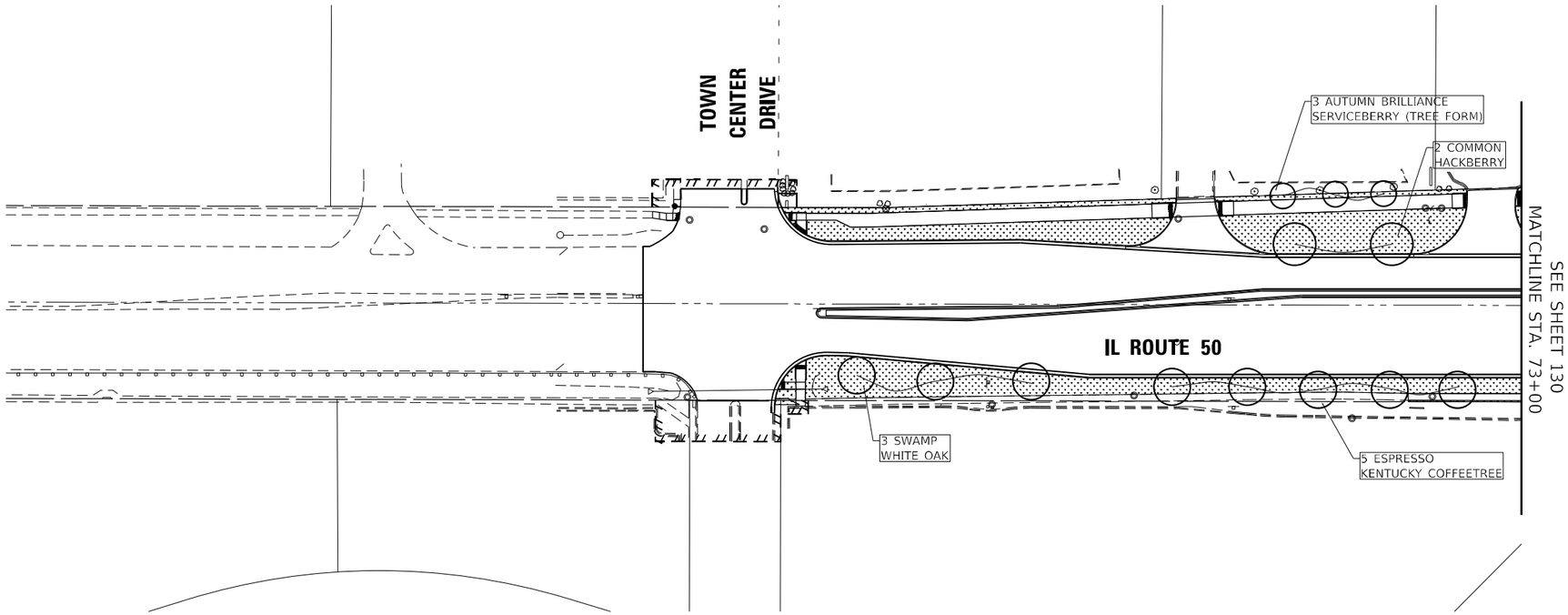
USER NAME = MET	DESIGNED - ASH	REVISED -	
	DRAWN - ASH	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - MET	REVISED -	
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -	

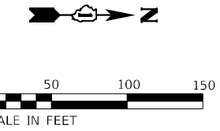
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

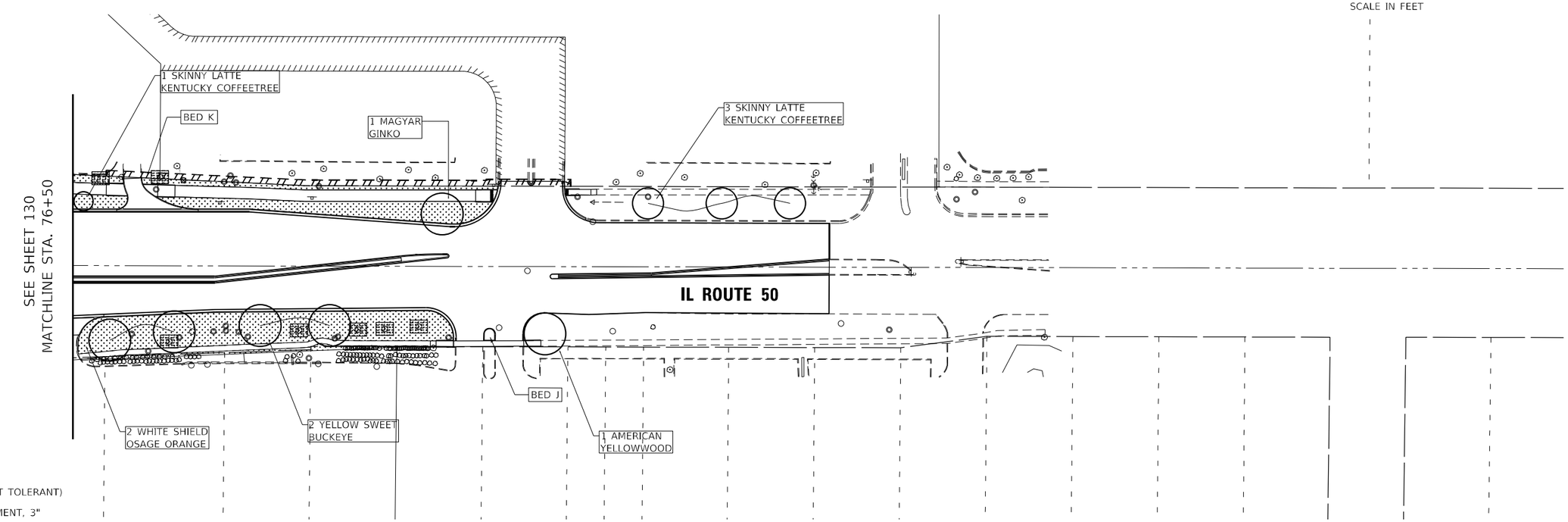
LANDSCAPING PLAN
US ROUTE 30 (LINCOLN HIGHWAY)

SCALE: 1" = 50' | SHEET 1 OF 2 SHEETS | STA. 27+00 TO STA.50+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353&350	(22&23) TS-1	COOK	277	130
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		







LEGEND

- SODDING (SALT TOLERANT)
- MULCH PLACEMENT, 3"
- PROPOSED TREE

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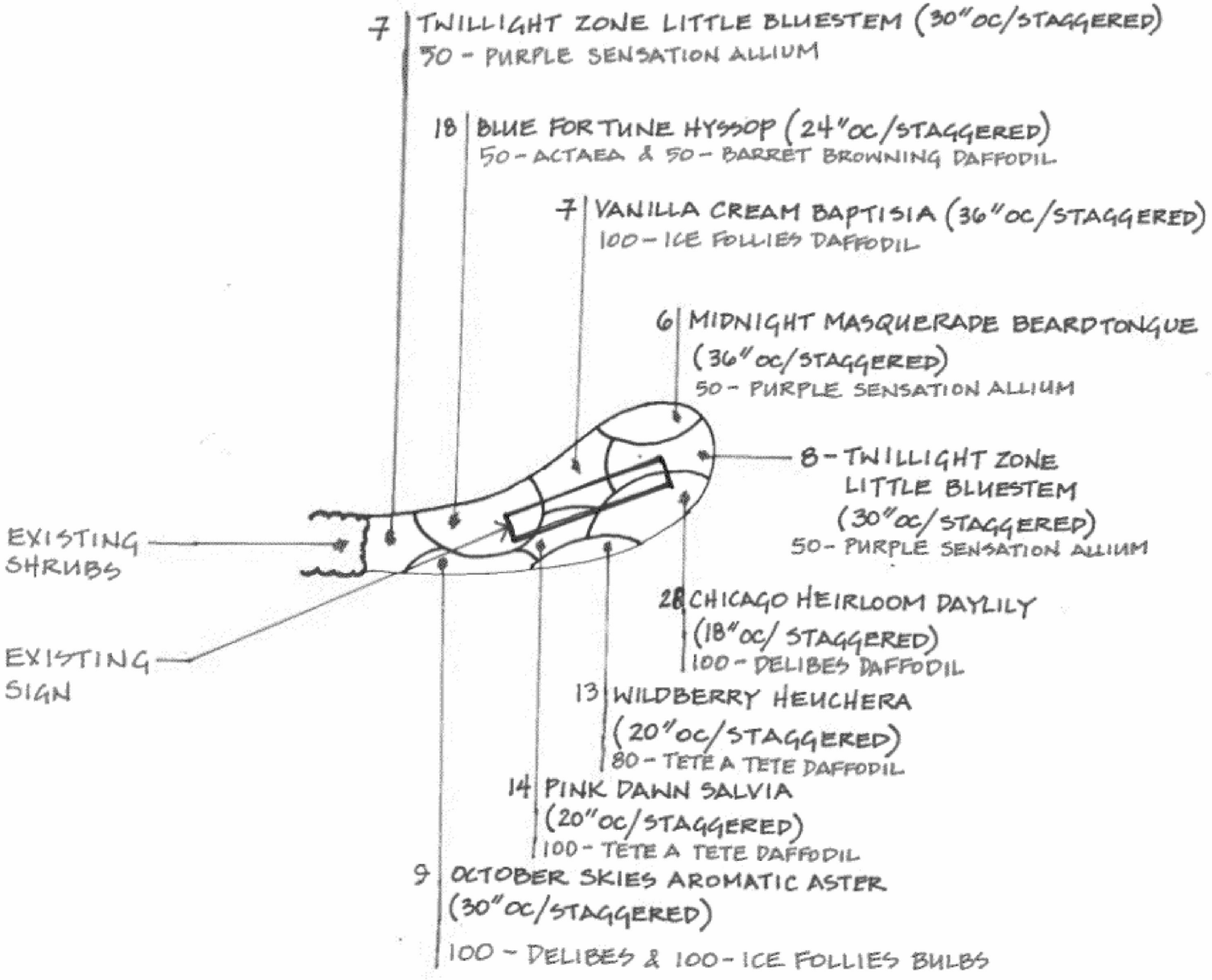
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING PLAN
IL ROUTE 50 (CICERO AVENUE)

SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	131
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		



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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BED A PLANTING DETAIL

SCALE: N/A | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	132
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

62G38 (SCHEDULE OF LANDSCAPE ITEMS - PERENNIAL PLANTING BEDS)

Perennial Plants, Ornamental Type, Gallon Pot	Botanical Name	Common Name	Bed A	Bed B	Bed C	Bed D	Bed E	Bed F	Bed G	Bed H	Bed I	Size	Spacing	Total
	Agastache 'Blue Fortune'	Blue Fortune Hyssop	18	11								1 gal.	24" o.c.	29
	Allium 'Summer Beauty'	Summer Beauty Onion						6				1 gal.	18" o.c.	6
	Baptisia australis	Blue Wild Indigo							52			1 gal.	36" o.c.	52
	Baptisia 'Vanilla Cream'	Vanilla Cream Baptisia	7									1 gal.	36" o.c.	7
	Calamintha nepeta ssp. Nepeta	Lesser Catmint				3						1 gal.	18" o.c.	3
	Hemerocallis 'Happy Returns'	Chicago Heirloom Daylily	28									1 gal.	18" o.c.	28
	Hemerocallis 'Chicago Heirloom'	Happy Returns Daylily			20		4			11	32	1 gal.	18" o.c.	67
	Heuchera 'Wildberry'	Wildberry Heuchera	13									1 gal.	20" o.c.	13
	Penstemon digitalis 'Midnight Masquerade'	Midnight Masquerade Beardtongue	6									1 gal.	36" o.c.	6
	Salvia 'Pink Dawn'	Pink Dawn Salvia	14									1 gal.	20" o.c.	14
	Schizachyrium scoparium 'Standing Ovation'	Standing Ovation Little Bluestem				3						1 gal.	24" o.c.	3
	Schizachyrium scoparium 'Twillight Zone'	Twillight Zone Little Bluestem	15									1 gal.	30" o.c.	15
	Symphyotrichum oblongifloium 'October Skies'	October Skies Aromatic Aster	9									1 gal.	36" o.c.	9
													Total Units	**2.52**

Perennial Plants, Bulb Type	Botanical Name	Common Name	Bed A	Bed B	Bed C	Bed D	Bed E	Bed F	Bed G	Bed H	Bed I	Size	Spacing	Total
	Allium 'Purple Sensation'	Purple Sensation Onion	150									top size	in between perennials	150
	Narcissus 'Actaea'	Actaea Daffodil	50	50					100			top size	2 - 3 bulbs per hole in between perennials	200
	Narcissus 'Barret Browning'	Barret Browning Daffodil	50	50					100			top size		200
	Narcissus 'Carlton'	Carlton Daffodil							100		100	top size		200
	Narcissus 'Delibes'	Delibes Daffodil	200						100			top size		300
	Narcissus 'Ice Follies'	Ice Follies Daffodil	100						100			top size		200
	Narcissus 'Pipit'	Pipit Daffodil					20	20		60		top size		100
	Narcissus 'Tete a Tete'	Tete a Tete Daffodil	180		50	20						top size		250
													Total Units	**16.00**

62G38 (SCHEDULE OF LANDSCAPE ITEMS - TREE & SHRUB PLANTINGS)

TYPE	BOTANICAL NAME	COMMON NAME	SIZE	SHEET 131	SHEET 132	TOTAL
Shade Trees	*Acer x freemanii 'Bailston'*	Matador Maple	2" B&B	7		7
	Aesculus flavea	Yellow Sweet Buckeye	2" B&B	1	2	3
	Celtis occidentalis	Common Hackberry	2" B&B	2	2	4
	Ginkgo biloba 'Princeton Sentry'	Princeton Sentry Ginkgo	2" B&B	6	1	7
	Gymnocladus dioicus 'Espresso - JFS'	Espresso Kentucky Coffeetree	2-1/2" B&B	6	5	11
	Gymnocladus dioicus 'Morton'	Skinny Latte Kentucky Coffeetree	2" B&B		4	4
	Maclura pomifera 'White Shield'	White Shield Osage Orange	2" B&B		2	2
	Quercus bicolor	Swamp White Oak	2" B&B		3	3
	Quercus bicolor 'Bonnie and Mike'	Beacon Swamp White Oak	2" B&B	4		4
						45
Ornamental Trees	*Amelanchier x grandiflora 'Autumn Brilliance'*	Autumn Brilliance Servicebery	6' B&B	4	3	7
	Amelanchier alnifolia 'Obelisk'	Standing Ovation Saskatoon Serviceberry	5 - Gallon Container	1		1
	Cladrastis kentuckea	American Yellowwood	2" B&B		1	1
	Malus JFS KW213MX	Raspberry Spear Crabapple	2" B&B	3		3
	Syringa pekinensis 'Zhing Zhiming'	Beijing Gold Peking Lilac	2" B&B	5		5
						17
Shrubs	*Aronia melanocarpa 'Morton'*	Iroquois Beauty Black Chokeberry	24" HT - Container		20	20
	Hypericum kalmaianum 'Ames'	Ames St. Johnswort	5 - Gallon Container	4	3	7

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING PLANTING SCHEDULE

SCALE: N/A | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	133
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

TRAFFIC SIGNAL LEGEND

(NOT TO SCALE)

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

TS SHT NO. 1

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: N/A | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	134
	TS-05	CONTRACT NO. 62G38		
	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.

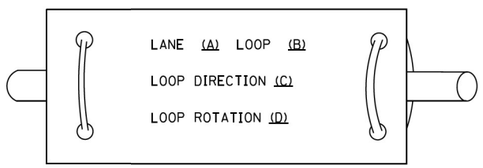
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.

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.

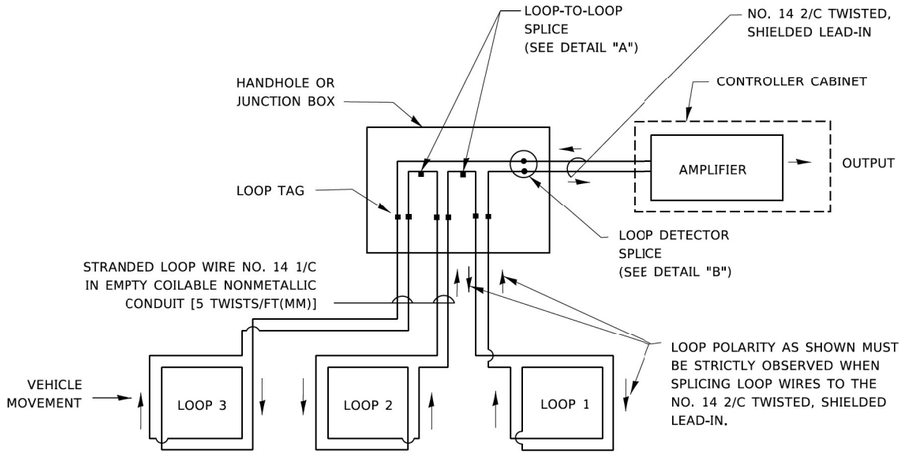
6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.

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

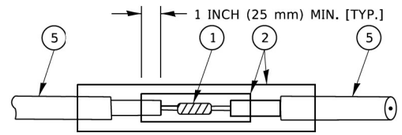


A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

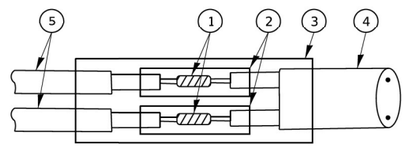


DETECTOR LOOP WIRING SCHEMATIC

- 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.

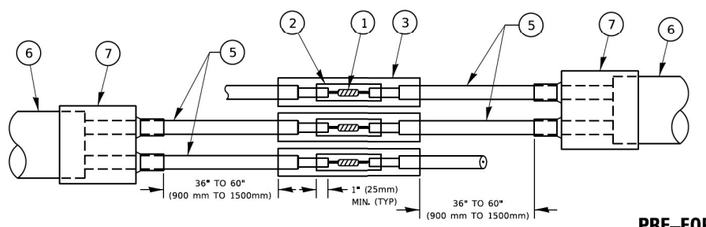


DETAIL "A"
LOOP-TO-LOOP SPLICE



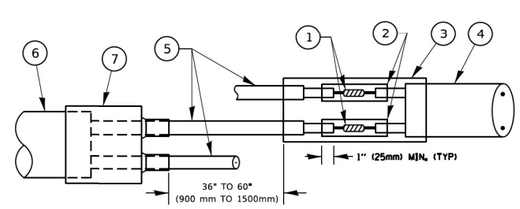
DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

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

TS SHT NO. 2

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DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

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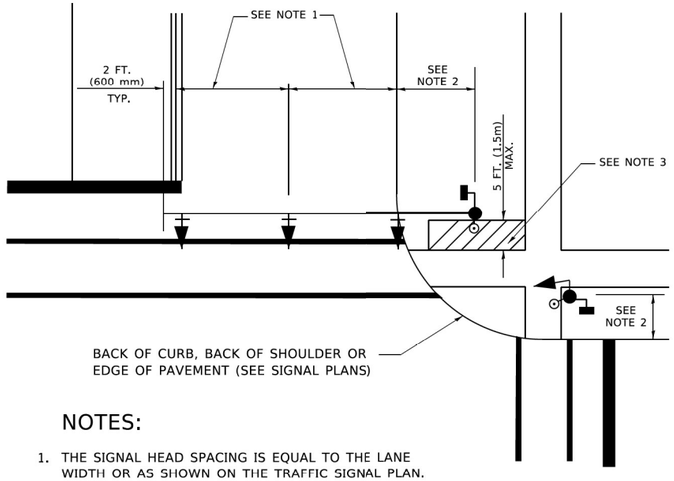
	ILLINOIS FED. AID PROJECT			

TRAFFIC SIGNAL MAST ARM AND SIGNAL POST

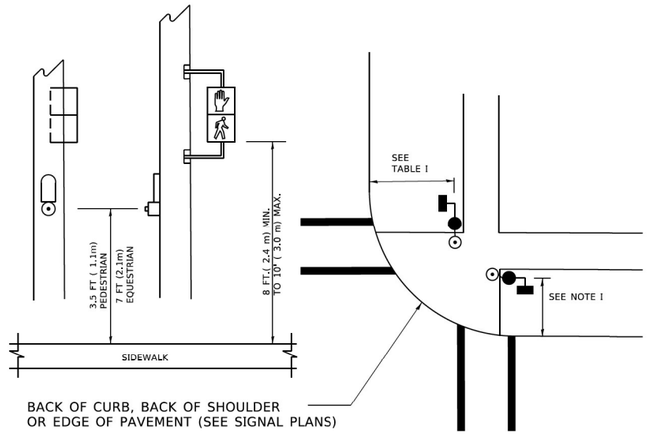
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.



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."

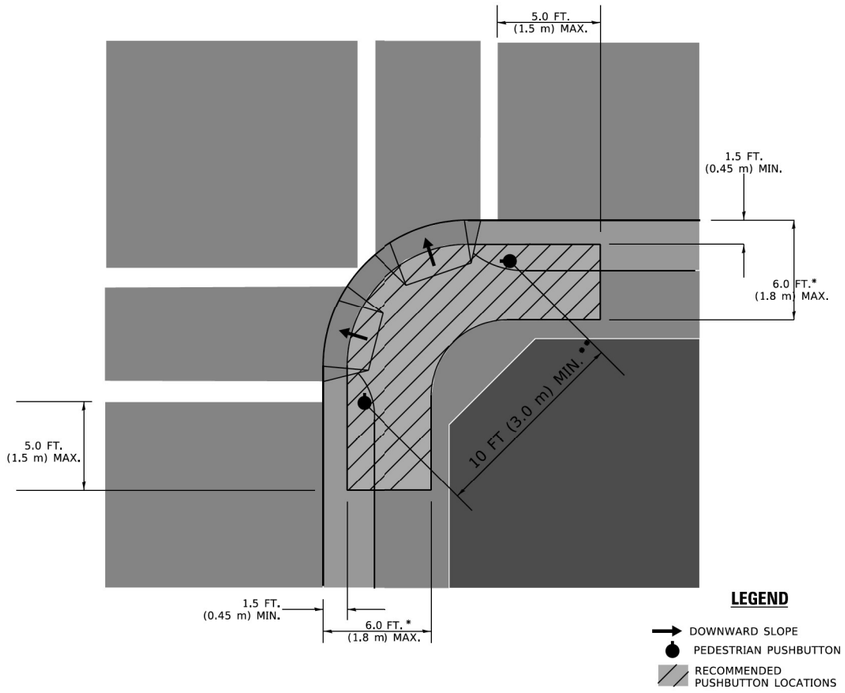
PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST



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.

TS SHT NO. 3

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	DRAWN - ASH	REVISED -
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PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: N/A | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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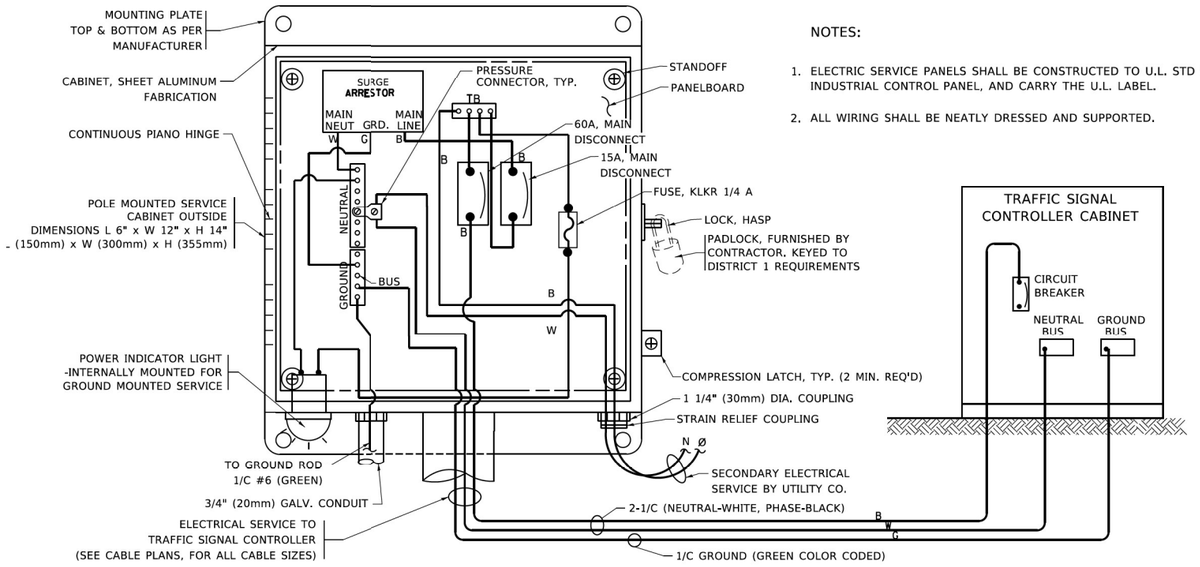
	TS-05	CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		



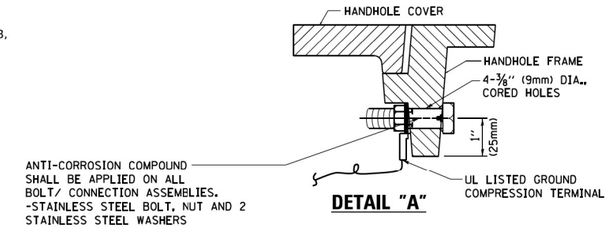
NOTES:

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

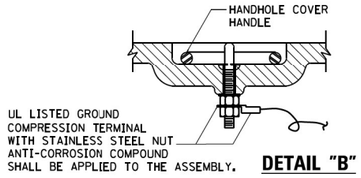
ELECTRICAL SERVICE – PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)

SERVICE INSTALLATION POLE MOUNT (SHOWN)

(NOT TO SCALE)



DETAIL "A"

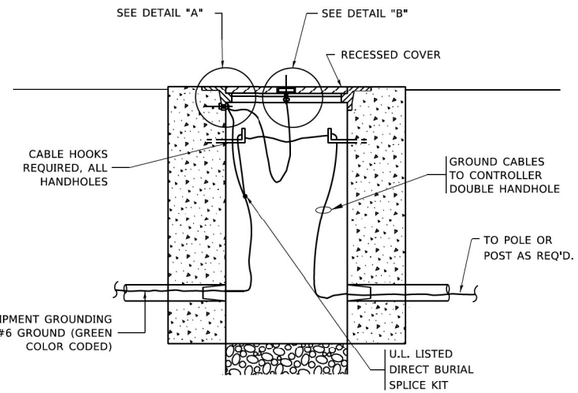


DETAIL "B"

NOTES:

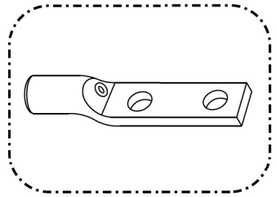
GROUNDING SYSTEM

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

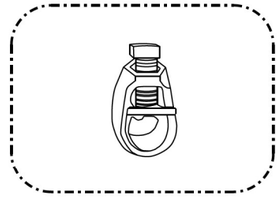


HANDHOLE COVER & FRAME – GROUNDING DETAIL

(NOT TO SCALE)



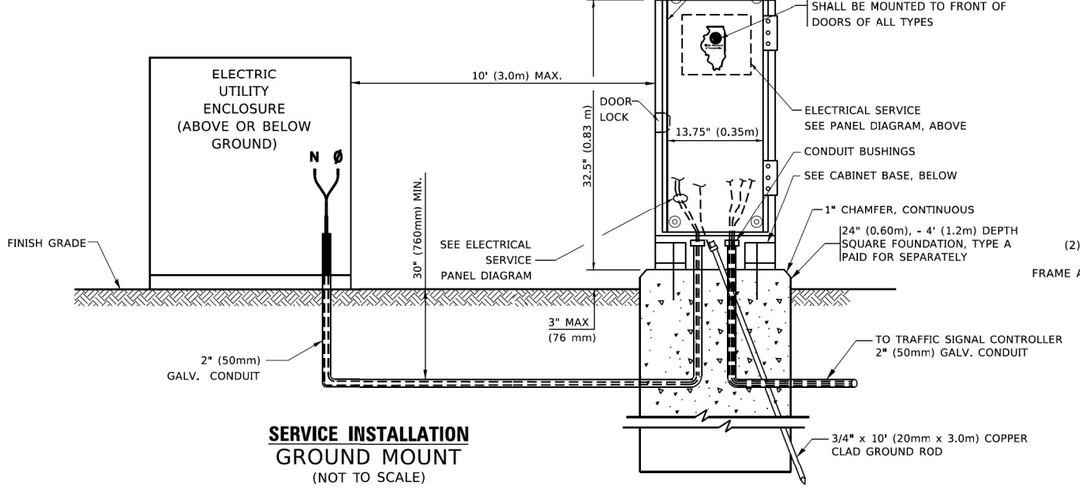
HEAVY-DUTY COMPRESSION TERMINAL (BURNDY TYPE YGHA OR APPROVED EQUAL)



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

NOTES:

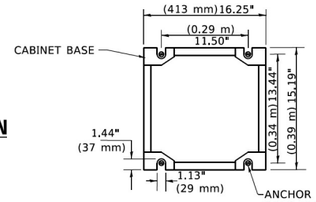
- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
- GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES 6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES 13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES. 5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.



SERVICE INSTALLATION

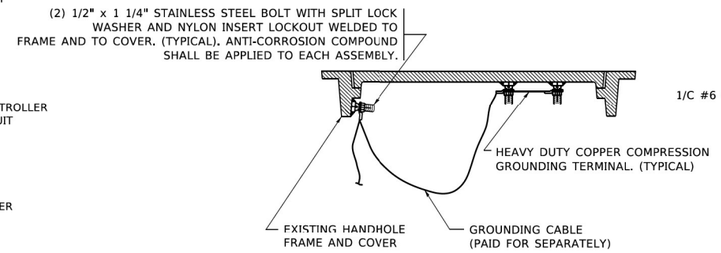
GROUND MOUNT

(NOT TO SCALE)



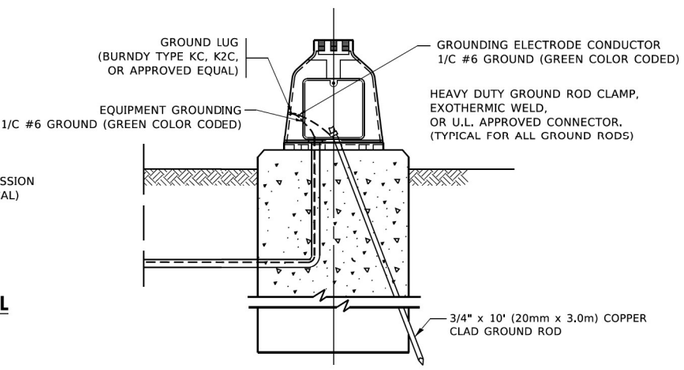
CABINET – BASE BOLT PATTERN

(NOT TO SCALE)



EXISTING HANDHOLE COVER & FRAME – GROUNDING DETAIL

(NOT TO SCALE)



MAST ARM POLE /POST–GROUNDING DETAIL

(NOT TO SCALE)

TS SHT NO. 4

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: N/A | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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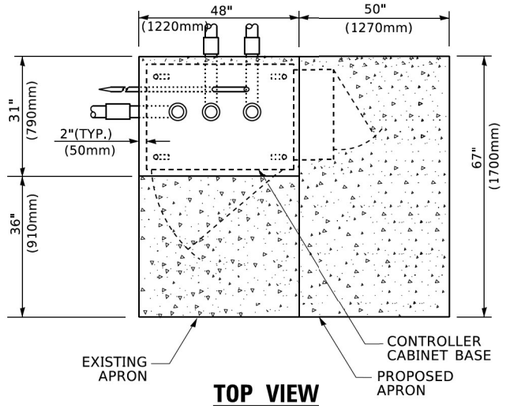
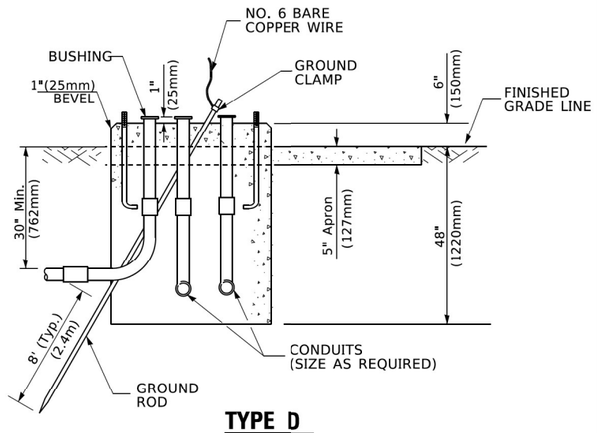
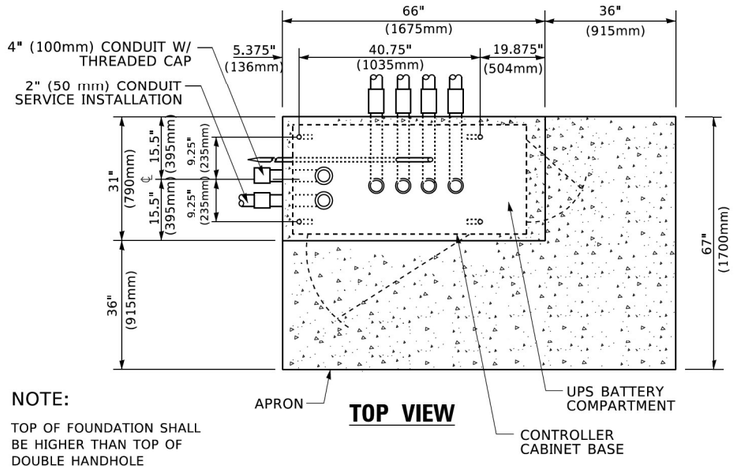
	TS-05	CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			



TOP VIEW



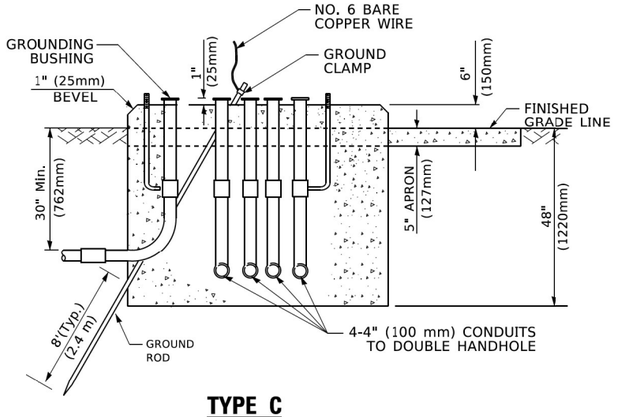
TYPE D
FOR GROUND MOUNTED
CONTROLLER CABINET
AND UPS BATTERY CABINET



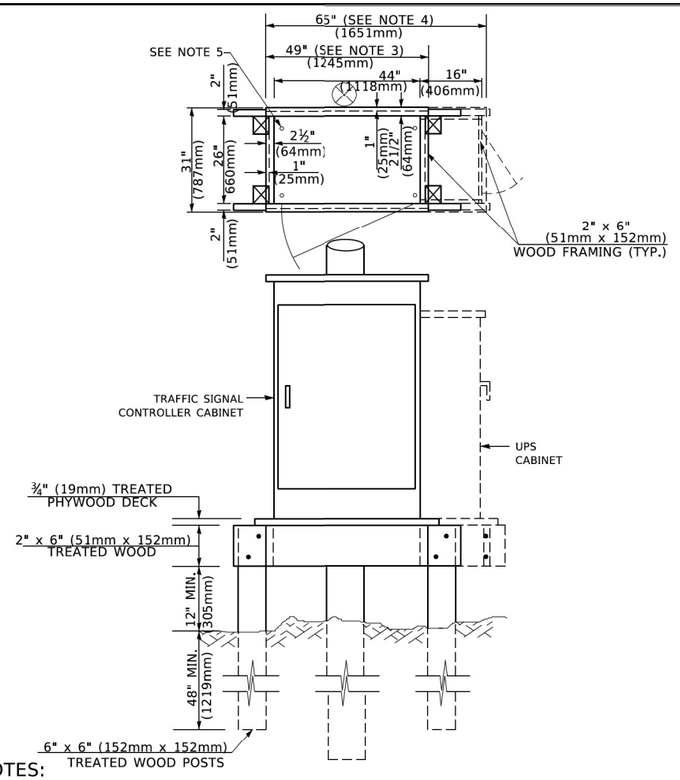
NOTE:

TOP OF FOUNDATION SHALL BE HIGHER THAN TOP OF DOUBLE HANDHOLE

TOP VIEW



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



NOTES:

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

TEMPORARY SIGNAL CONTROLLER
WOOD SUPPORT PLATFORM

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

CABLE SLACK

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

VERTICAL CABLE LENGTH

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

DEPTH OF FOUNDATION

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

NOTES:

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

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

TS SHT NO. 5

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: N/A | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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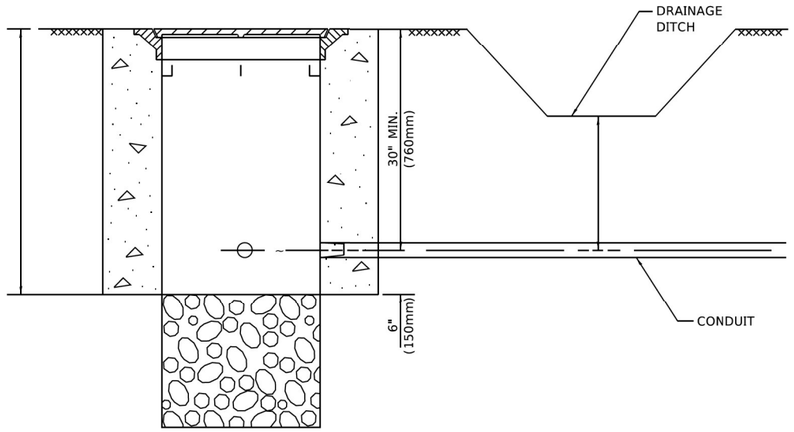
	TS-05	CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			

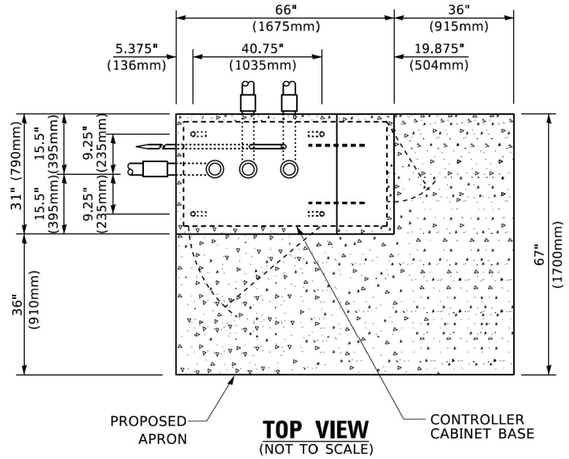


NOTES:

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

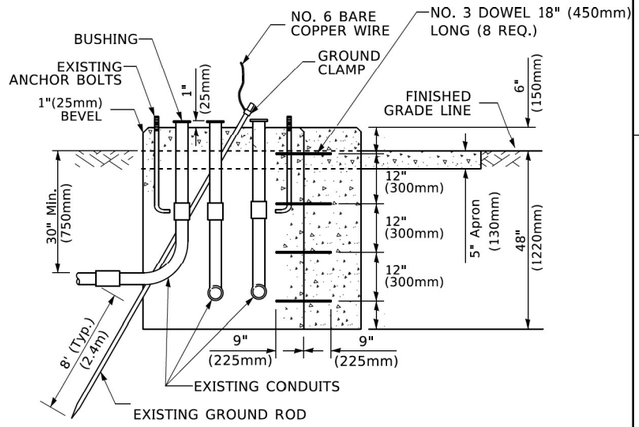
HANDHOLE WITH MINIMUM CONDUIT DEPTH

(NOT TO SCALE)



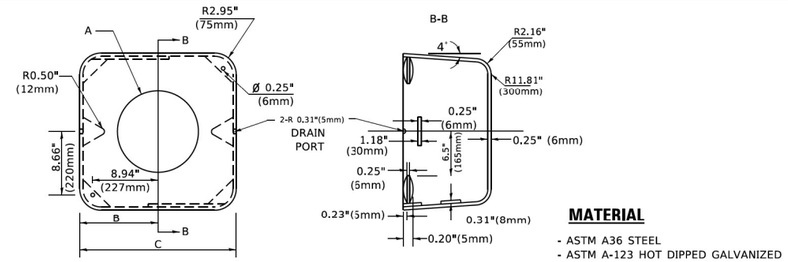
TOP VIEW

(NOT TO SCALE)



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

(NOT TO SCALE)



MATERIAL

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

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

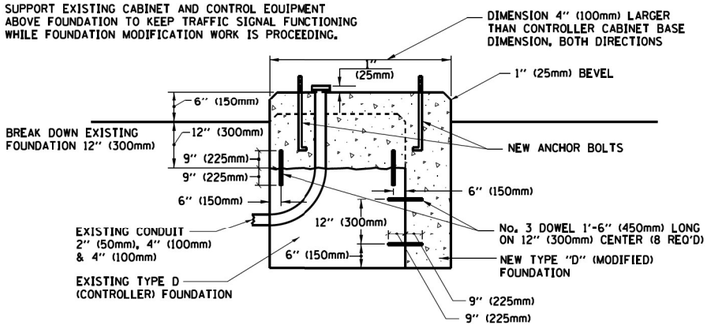
SHROUD

NOTES:

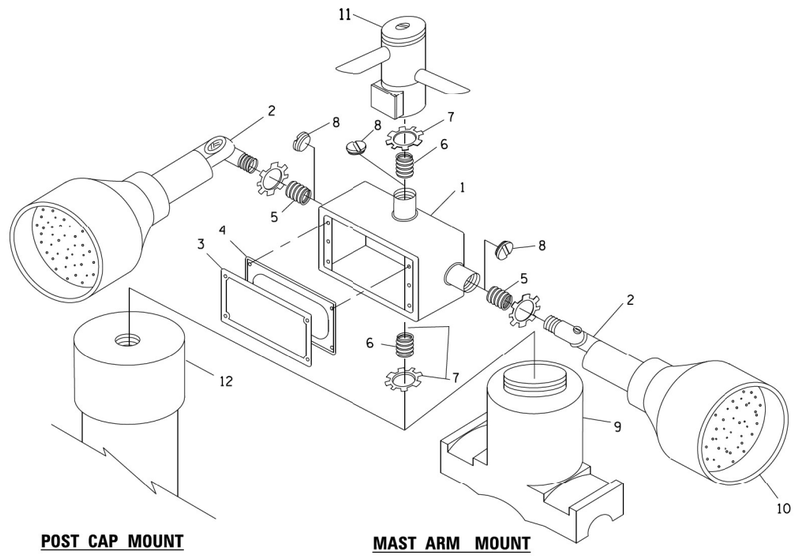
1. DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
2. THE SUPPLIER SHALL VERIFIED THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE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

NOTE:

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



MODIFY EXISTING TYPE "D" FOUNDATION



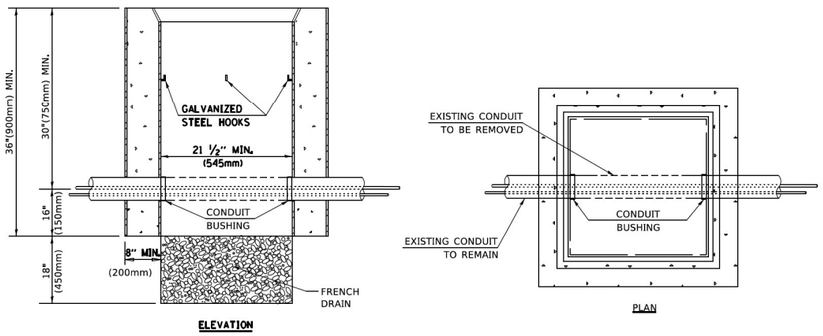
POST CAP MOUNT **MAST ARM MOUNT**

EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL

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

NOTES:

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



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

TS SHT NO. 6

MODEL: Default
FILE NAME: Z:\18-00172-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Plan Production\Sheet\D162G38-sht-TS Design Details-6.dgn

Peralte-Clark LLC

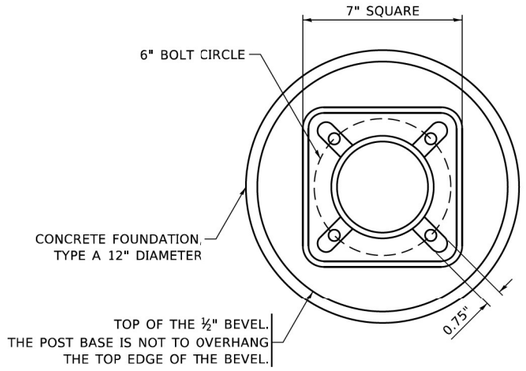
USER NAME = MET	DESIGNED - ASH	REVISED -	
	DRAWN - ASH	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - MET	REVISED -	
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: N/A | SHEET OF SHEETS | STA. TO STA.

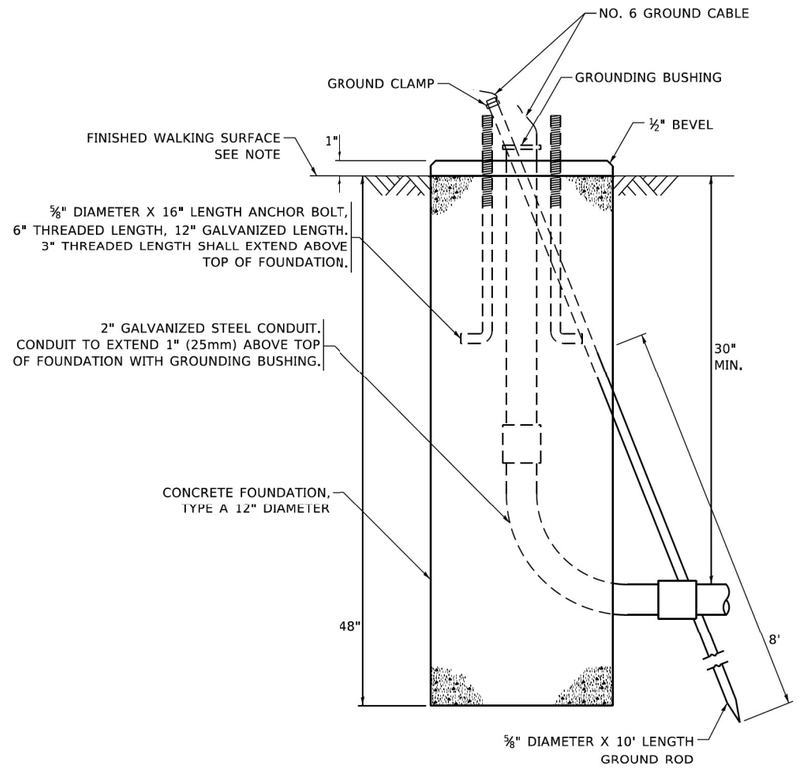
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	139
	TS-05	CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			



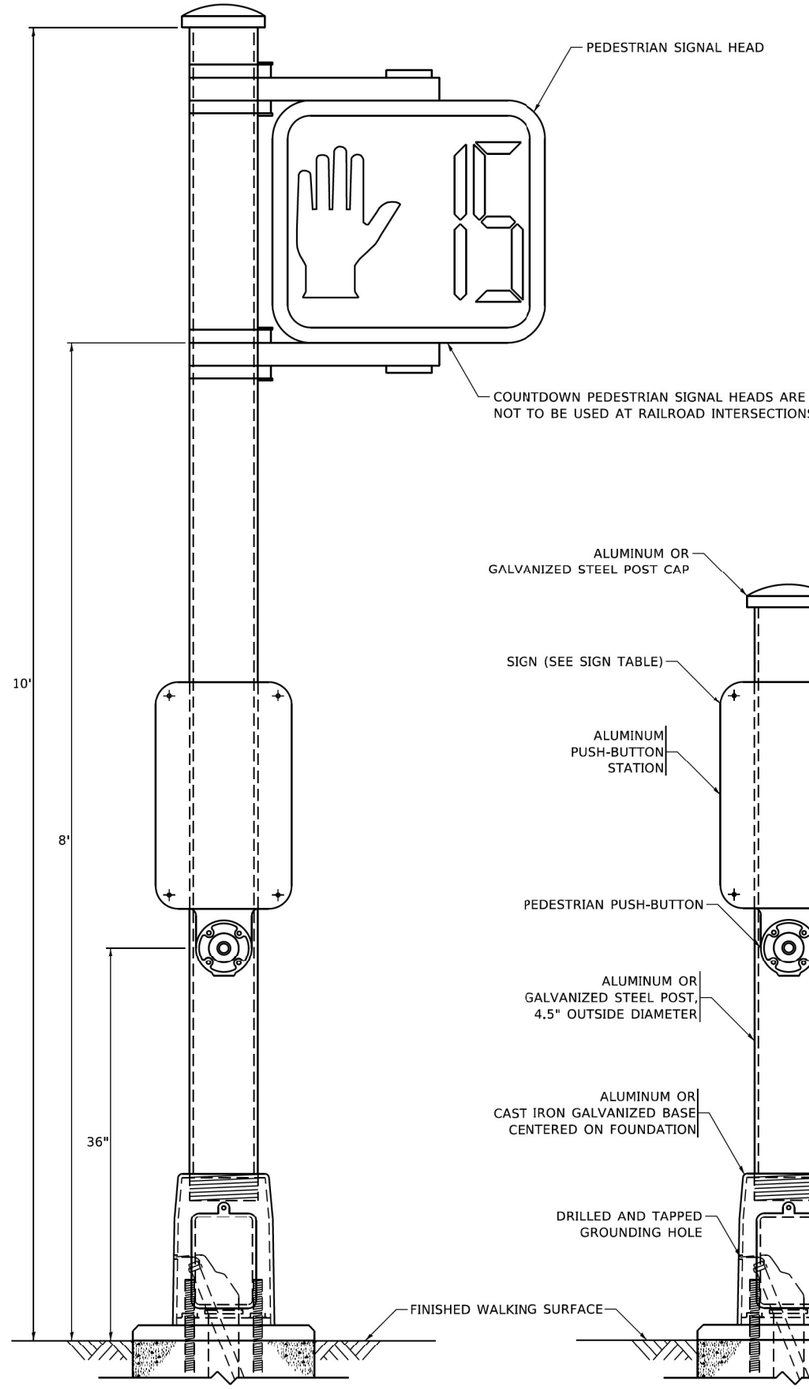
BOLT PATTERN

NOTE:

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

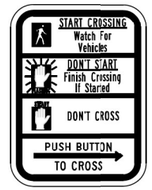


CONCRETE FOUNDATION, TYPE A 12–INCH DIAMETER



PEDESTRIAN SIGNAL POST, 10 FT.

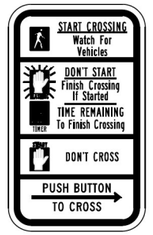
PEDESTRIAN SIGNAL POST, 5 FT.



R10–3b



R10–3d



R10–3e

SIGN TABLE

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

NOTES:

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

TS SHT NO. 7

MODEL: Default
FILE NAME: 22|18-0012-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Plan Production\Sheets\D162G38-sht-TS Design Details-9.dgn

Peralte-Clark LLC

USER NAME = MET	DESIGNED - ASH	REVISED -	
	DRAWN - ASH	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - MET	REVISED -	
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -	

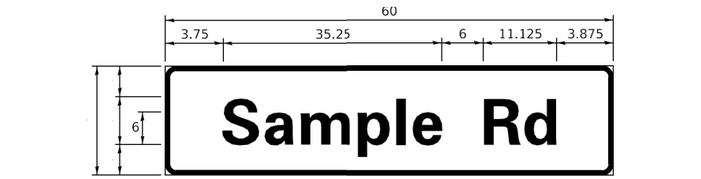
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

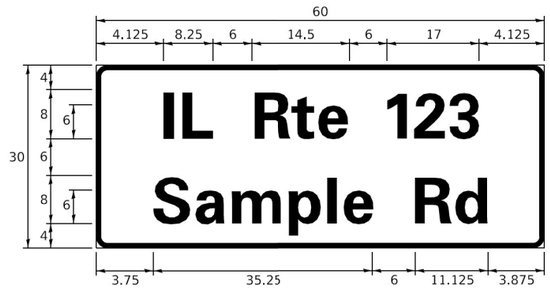
DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN SHEETS

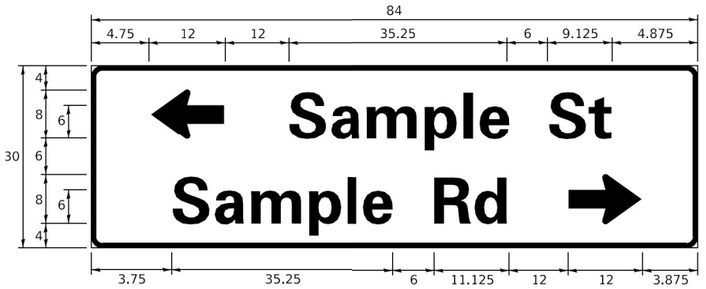
SCALE: N/A | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	140
	TS-05	CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

SIGN PANEL – TYPE 1 OR TYPE 2







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

COMMON STREET NAME ABBREVIATIONS AND WIDTHS

NAME	ABBREVATION	WIDTH (INCH)	
		SERIES "C"	SERIES "D"
AVENUE	Ave	15.000	18.250
BOULEVARD	Blvd	17.125	20.000
CIRCLE	Cir	11.125	13.000
COURT	Ct	8.250	9.625
DRIVE	Dr	8.625	10.125
HIGHWAY	Hwy	18.375	22.000
ILLINOIS	IL	7.000	8.250
LANE	Ln	9.125	10.750
PARKWAY	Pkwy	23.375	27.375
PLACE	Pl	7.125	7.750
ROAD	Rd	9.625	11.125
ROUTE	Rte	12.625	14.500
STREET	St	8.000	9.125
TERRACE	Ter	12.625	14.625
TRAIL	Tr	7.750	9.125
UNITED STATES	US	10.375	12.250

GENERAL NOTES

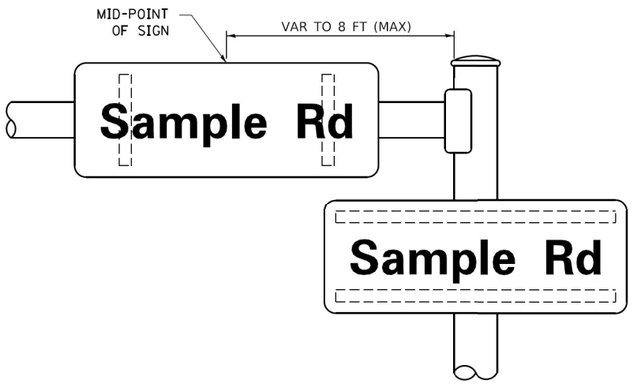
1. WHERE MAST ARM MOUNTED STREET NAME SIGNS ARE SPECIFIED, THE MAST ARM ASSEMBLY AND POLES SHALL BE DESIGNED TO SUPPORT THE LOADINGS CALLED FOR ON STANDARDS 877001, 877002, 877006, 877011 AND 877012, AS APPLICABLE, PLUS TWO (2) SIGN PANELS 2'-6" x 8'-0" MOUNTED AS SHOWN. THE DESIGN SHALL BE IN ACCORDANCE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

LOCAL SUPPLIERS:	PARTS LISTING:	
- J.O. HERBERT COMPANY, INC MIDLOTHIAN, VA	SIGN CHANNEL	PART #HPN053 (MED. CHANNEL)
	SIGN SCREWS	1/4" x 14 x 1" H.W.H. #3 SELF TAPPING WITH NEOPRENE WASHER
- WESTERN REMAC, INC. WOODRIDGE, IL	BRACKETS	PART #HPN034 (UNIVERSAL) CHANNEL CLAMPS WITH STAINLESS STEEL STRAPPING

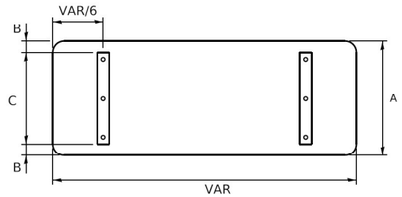
OTHER BRANDS OF MOUNTING HARDWARE ARE ACCEPTABLE, BASED UPON THE DEPARTMENT'S APPROVAL AND COMPATIBILITY WITH THE CHANNEL/BRACKET OF THE ABOVE PRODUCT.

MOUNTING LOCATION

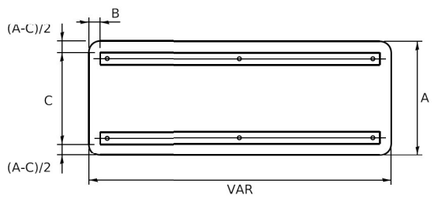
ARM OR POLE MOUNTED



SUPPORTING CHANNELS



A	B	C
18"	2"	14"
30"	2"	24"



A	B	C
18"	2"	12"
30"	2"	22"

STANDARD ALPHABETS SPACING CHART

(8") UPPER CASE AND (6") LOWER CASE

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

TS SHT NO. 8

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Peralte-Clark LLC

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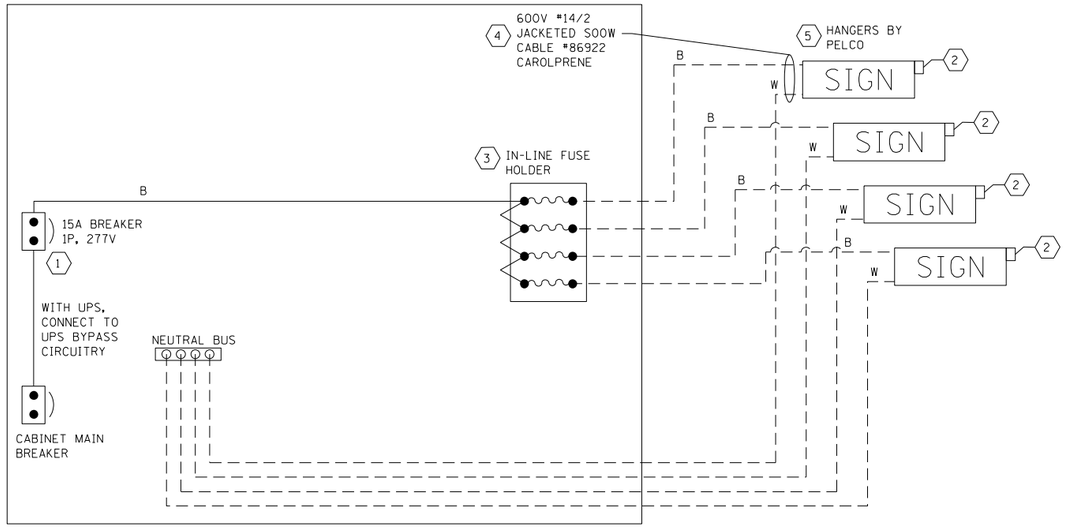
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
MAST ARM MOUNTED STREET NAME SIGNS

SCALE: N/A | SHEET OF SHEETS | STA. | TO STA.

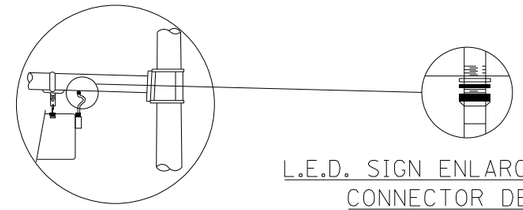
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	141
	TS-02	CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			



LED SIGN WIRING DETAIL

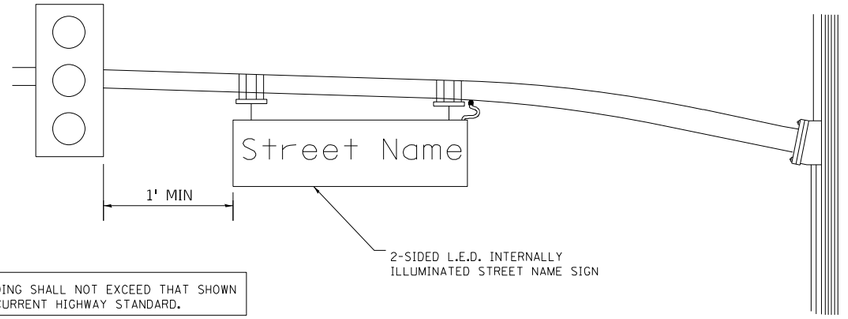
DESCRIPTION	MANUFACTURER	MODEL	NOTES
1 CIRCUIT BREAKER		15 AMPERE	MOLDED CASE, THERMAL MAG. MIN. R.I. OF 14K R.M.S. SYMMETRICAL AMPERE AT 277V.
2 PHOTOCELL			ONE MOUNTED ON EACH SIGN
3 INLINE FUSE HOLDER WITH 5 AMP FUSE	BUSSMAN	S-8000 BK/S-8-3-4-R	
4 ELECTRIC CABLE, NO. 14, 2/C (BLACK, WHITE)	SOOW CAROLPRENE	86922	
5 SIGN MOUNTING HARDWARE	PELCO	PENDANT (SE-5015) DIRECT MOUNT (AB-0104-L-SP) ADDITIONAL SIGN STIFFENERS MAY BE REQUIRED FOR DIRECT MOUNTED SIGNS.	S.S. HARDWARE

BILL OF MATERIALS



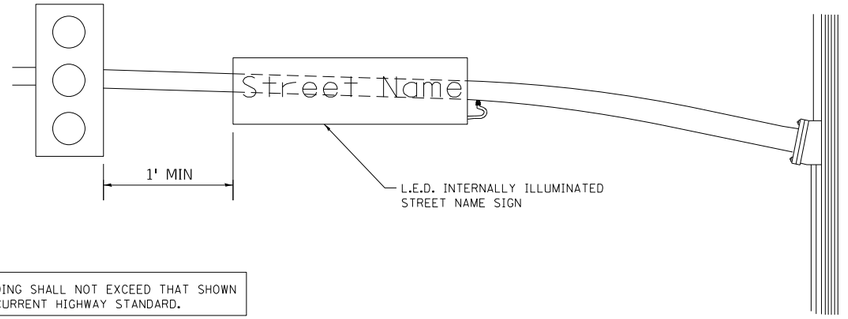
L.E.D. SIGN ENLARGED CABLE CONNECTOR DETAIL

L.E.D. SIGN ENLARGED CABLE CONNECTOR DETAIL FOR PENDANT MOUNT



LOADING SHALL NOT EXCEED THAT SHOWN ON CURRENT HIGHWAY STANDARD.

STEEL MAST ARM ASSEMBLY AND POLE PENDANT MOUNT



LOADING SHALL NOT EXCEED THAT SHOWN ON CURRENT HIGHWAY STANDARD.

STEEL MAST ARM ASSEMBLY AND POLE PENDANT MOUNT

NOTES:

1. SIGN SHALL BE DOUBLE SIDED FOR PENDANT MOUNT.
2. CERTAIN ADDITIONAL INFORMATION MAY BE ALLOWED ON THE SIGN. VERIFY WITH ENGINEER.
3. SIGNS SHALL NOT BE ENERGIZED WHEN TRAFFIC SIGNALS ARE POWERED BY THE UPS. THE SIGNS SHALL BE CONNECTED TO THE UPS BYPASS CIRCUITRY.
4. ALL WIRING WITHIN THE CABINET SHALL BE COLOR CODED AS INDICATED:
   R = RED BL = BLUE W = WHITE
   B = BLACK Y = YELLOW G = GREEN
5. ALL 120 VOLT SYSTEM AND ALL CONTROL WIRING SHALL BE #12AWG STRANDED UNLESS OTHERWISE INDICATED.
6. EACH INTERNALLY ILLUMINATED SIGN SHALL INCLUDE ITS OWN PHOTOCELL IN ACCORDANCE WITH THE SPECIAL PROVISION.
7. ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.

TS SHT NO. 9

MODEL: Default
FILE NAME: Z:\18-0012-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Traffic Signal\Sheets\SHT_LED Illuminated Signs.dgn

Peralte-Clark LLC

USER NAME = MET	DESIGNED - ASH	REVISED -
	DRAWN - ASH	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - JAC	REVISED -
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -

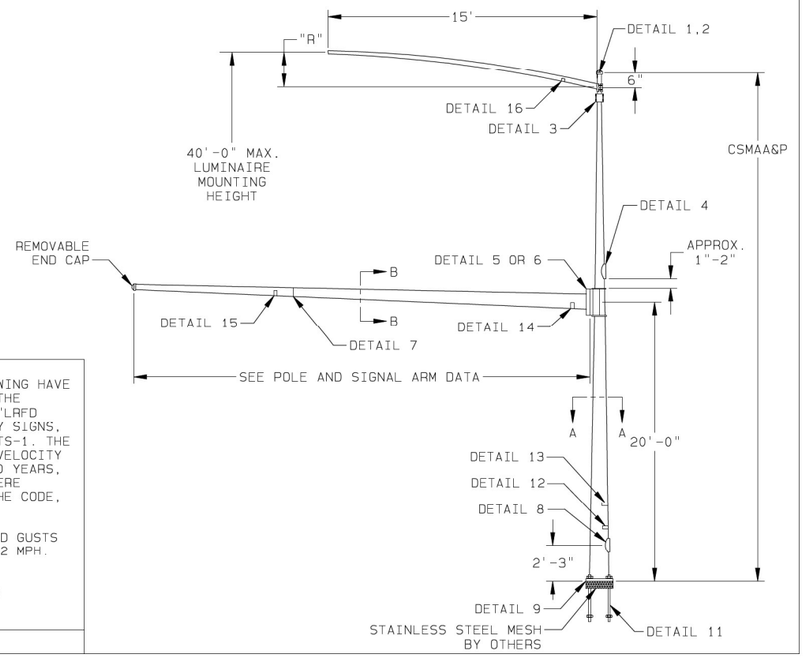
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLUMINATED STREET NAME SIGN DETAIL

SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	278	142
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

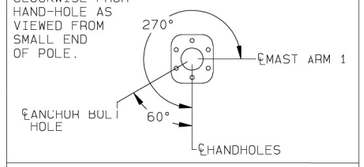
*** DOUBLE LUMINAIRE ARMS ARE STACKED ONE BELOW THE OTHER, ORIENTED 90° APART.**



THE MAST ARM TRAFFIC STRUCTURES SHOWN ON THIS DRAWING HAVE BEEN DESIGNED IN ACCORDANCE WITH THE LOADING AND THE NOMINAL STRENGTH REQUIREMENTS OF THE 2015 AASHTO "LRFD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, FIRST EDITION" SLTS-1. THE WIND LOADS WERE CALCULATED FROM AN ULTIMATE WIND VELOCITY OF 120 MPH WITH A MEAN RECURRENCE INTERVAL OF 1700 YEARS, AND A FATIGUE CATEGORY OF 1. THE FATIGUE LOADS WERE CALCULATED ON THE REQUIREMENTS OF SECTION 11 OF THE CODE, AND THE FOLLOWING DESIGN CONDITIONS:

- STRUCTURES ARE DESIGNED TO RESIST NATURAL WIND GUSTS BASED ON THE YEARLY MEAN WIND VELOCITY OF 11.2 MPH.
- STRUCTURES ARE NOT DESIGNED TO RESIST GALLOPING-INDUCED CYCLIC LOADS
- TRUCK-INDUCED GUST LOADS ARE EXCLUDED PER THE REQUIREMENTS OF THE CODE.

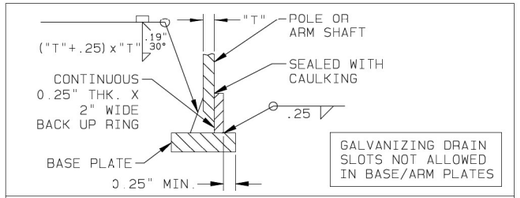
AASHTO 2015 SPECIFICATIONS



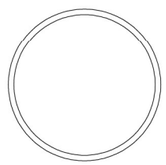
RADIAL INDEX

FINISH DATA

SYSTEM:	V-PR054 (VP54)
BASE COAT:	HOT-DIP GALVANIZED TO ASTM A123
PRIME COAT:	HIGH BUILD EPOXY POWDER
FINISH COAT:	SUPER DURABLE POWDER
COLOR:	SEMI-GLOSS BLACK
VALMONT SPEC:	F-573A

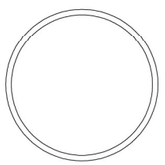


BASE AND ARM PLATE WELD



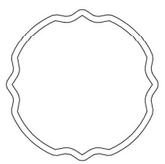
ROUND SMOOTH

SECTION A-A



ROUND SMOOTH

SECTION B-B

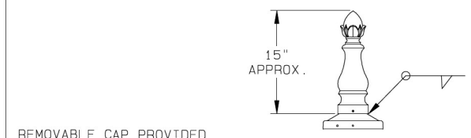


4-W FLUTE

SECTION A-A - SEE NOTE 2

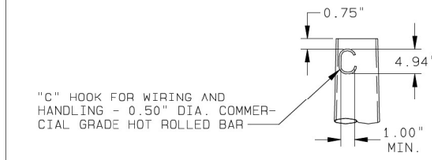
NOTES:

1. STRUCTURES SHOWN HERE HAVE BEEN SIZED PER IL DOT STANDARD DESIGN MAXIMUM LOADING WITH ROUND POLE AND ARM CROSS SECTIONS. SIZING CONFORMS TO VALMONT STANDARD SIGNAL STRUCTURE DRAWING DB01117 REV.D, CURRENTLY APPROVED BY IL DOT.
2. USE OF VALMONT 4W FLUTED POLE CROSS SECTION REQUIRES ENGINEERING EVALUATION/SIZING OF STRUCTURES SHOWN WITH ACTUAL/PLAN LOADS. PLEASE PROVIDE/SPECIFY ACTUAL LOADING FOR EACH STRUCTURE FOR EVALUATION/SIZING WITH VALMONT 4W FLUTED CROSS SECTION.
3. USE OF VALMONT ENDURO DECORATIVE BASE REQUIRES ENGINEERING EVALUATION/SIZING OF STRUCTURES SHOWN WITH ACTUAL/PLAN LOADS. THIS IS DUE TO AT LEAST (1) CURRENT SIZED BASEPLATES NOT FITTING WITHIN THE DECO BASE SHOWN. PLEASE PROVIDE/SPECIFY ACTUAL LOADING FOR EACH STRUCTURE FOR EVALUATION/SIZING WITH SOME ALTERNATE BASEPLATE SIZING.

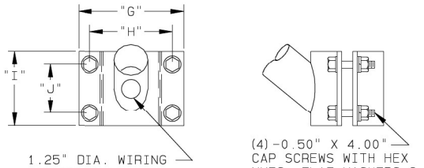


REMOVABLE CAP PROVIDED WITH MINMUM (3) SET SCREWS

DETAIL 1 | ALHAMBRA DECORATIVE FINIAL CAP



DETAIL 2 | POLE TOP



DETAIL 3 | LUMINAIRE ARM ATTACHMENT

LUMINAIRE ARM DATA

ARM SPAN (FT)	FIXED END DIA. (IN)	FREE END DIA. (IN)	GAUGE OR THK. (IN)	RISE HEIGHT "R" (FT)
15	4.58	2.38	11	3.50

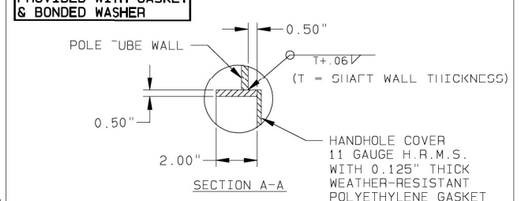
*TAPER RATE FOR 15' LMA IS 0.14"/FT.

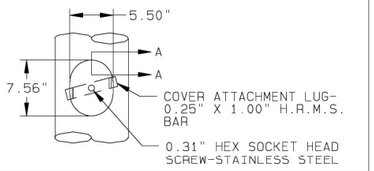
LUMINAIRE ARM ATTACHMENT DATA

CLAMP RANGE (IN)	"G" (IN)	"H" (IN)	CLAMP RANGE (IN)	"G" (IN)	"H" (IN)
6.69 - 8.00	11.84	10.34	11.69 - 13.00	17.08	15.58
7.69 - 9.00	12.91	11.41	12.69 - 14.00	18.11	16.61
8.69 - 10.00	13.96	12.46	13.69 - 15.00	19.13	17.63
9.69 - 11.00	15.00	13.51	14.69 - 16.00	20.15	18.65
10.69 - 12.00	16.04	14.55	15.69 - 17.00	21.17	19.67

ARM SPAN (FT)	"I" (IN)	"J" (IN)
15	7.00	5.00

PROVIDED WITH GASKET & BONDED WASHER





DETAIL 4 | 4"x6.5" HANDHOLE - COMBO POLES

1. POLE AND ARM SHAFTS SHALL CONFORM TO ASTM: A595 GR.A WITH 55,000 P.S.I. MINIMUM YIELD STRENGTH OR A572 GR.55 WITH 55,000 P.S.I. MINIMUM YIELD STRENGTH. ALL SHAFTS HAVE A LINEAR TAPER OF 0.14"/FT.
2. BASE PLATE AND SIMPLEX PLATES CONFORM TO ASTM: A572 GR.50.
3. BACK UP RING CONFORMS TO ASTM: A36.
4. GUSSETS CONFORM TO ASTM: A36.
5. ANCHOR BOLTS-ALL STRUCTURES: ASTM F1554 GR.105 105,000 P.S.I. MINIMUM YIELD STRENGTH.
6. CAST POLE TOP CAP AND TRAFFIC SIGNAL ARM END CAP- SECURED IN PLACE WITH 3 STAINLESS STEEL SET SCREWS. (TRAFFIC SIGNAL ARM END CAP PROVIDED WITH (2) ADDITIONAL STAINLESS STEEL HEX BOLTS).
7. ALL NON-STAINLESS THREADED FASTENERS TO BE HOT DIP GALVANIZED TO ASTM DESIGNATION: A153 (AASHTO M232).
8. SIMPLEX CONNECTING BOLTS-ASTM DESIGNATION: A325 GALVANIZED TO ASTM DESIGNATION: A153 LUBRICATE THREADS IN FIELD IF NECESSARY BEFORE INSTALLATION.
9. CAST ANCHOR BOLT COVERS-STAINLESS STEEL FASTENERS PROVIDED TO SECURE COVERS IN PLACE.
10. ALL VEHICULAR AND/OR PEDESTRIAN SIGNAL LIGHTS AND NECESSARY HARDWARE FOR ATTACHMENT TO BE FIELD LOCATED AND FURNISHED BY OTHERS.
11. POLE AND ARM ASSEMBLIES TO BE GALVANIZED TO ASTM DESIGNATION: A123 (AASHTO M111). ACCESSORIES TO BE HOT DIP GALVANIZED TO ASTM DESIGNATION: A153 (AASHTO M232).
12. ACCESS HOLES IN ARMS AT SIGNALS TO BE FIELD DRILLED BY CONTRACTOR-LOCATED AS SHOWN IN PLANS.
13. LUMINAIRE ARM SHAFT (STYLE 1) CONFORMS TO ASTM: A500 GRADE B WITH 42,000 P.S.I. MINIMUM YIELD STRENGTH. SHAFT STYLE 1 (<15') CONFORMS TO 2.00" SCHED. 40 PIPE. SHAFT STYLE 1 (15') CONFORMS TO 2.50" SCHED. 40 PIPE. LUMINAIRE ARM SHAFT (STYLE 2) CONFORMS TO ASTM: A595 GRADE A WITH 55,000 P.S.I. MINIMUM YIELD STRENGTH, LINEAR TAPER-0.14"/FT.
14. LUMINAIRE ARM STRUTS (STYLE 1) CONFORM TO: ASTM A36. 2.00" WIDE X 0.38" THICK, LENGTH AS REQUIRED.
15. SHAFT GAUGE OR THICKNESS ARE AS FOLLOWS: 11 GA.= 0.1196", 7 GA.= 0.1793", 5 GA.= 0.2092", 3 GA.=0.2391", 2" SCHED.40 PIPE = 0.154" AND 2" SCHED.80 PIPE = 0.218".

GENERAL NOTES

STATE OF ILLINOIS

JOB: VILLAGE OF MATTESON DECORATIVE SIGNAL STRUCTURES

TITLE: TRAFFIC SIGNAL STRUCTURES

VALMONT INDUSTRIES, INC. RESERVES THE RIGHT TO INSTALL VARIOUS, ENGINEER APPROVED, MATERIAL HANGING ACCOMMODATIONS TO FACILITATE THE MANUFACTURING PROCESS.

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ORDER NUMBER: 530116-P1
PAGE NUMBER: 2 OF 4
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REV: B

TS SHT NO. 10

MODEL: Default
FILE NAME: Z:\18-0012-01 IDOT 188 Item 14 (30 & 50)\50 Design\20_CAD\Traffic Signal\Sheets\D163G38-sht-Steel Combination Mast Arm Assembly and Pole Details-1.dgn

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PLOT SCALE = 40.0000 ' / in.	CHECKED - MET	REVISED -	
PLOT DATE = 4/12/2023	DATE - 2-28-2023	REVISED -	

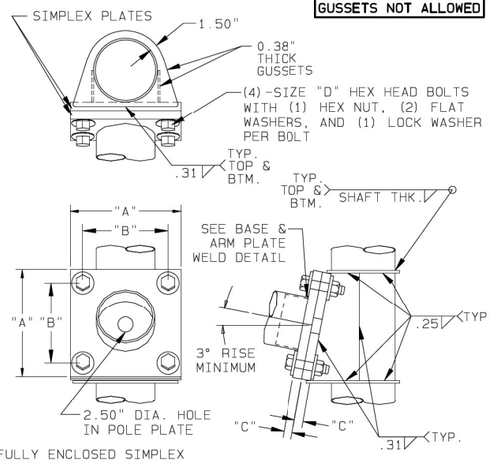
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE DETAILS

SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	143
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

NOTE: ALL CONNECTING BOLT HOLES ARE THRU HOLES WITH VENT HOLES PROVIDED.

2-PIECE TOP/BOTTOM GUSSETS NOT ALLOWED



FULLY ENCLOSED SIMPLEX

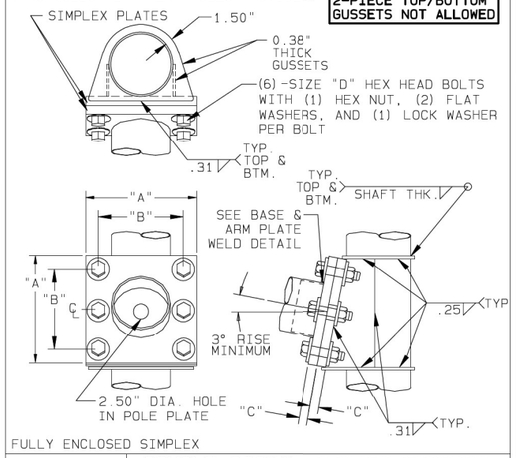
DETAIL 5 | SINGLE SIGNAL ARM ATTACHMENT 4-BOLT 15' THRU 55' SPAN

SIGNAL ARM ATTACHMENT DATA - 4-BOLT

ARM SPAN (FT)	"A" (IN)	"B" (IN)	"C" (IN)	SINGLE "D" (IN)	TWIN "E" (IN)
16-30	18.75	15.50	2.00	1.25 X 6.25	1.25 X 4.25
32-35	19.25	16.00	2.00	1.25 X 6.25	1.25 X 4.25
38	20.25	17.00	2.00	1.25 X 6.25	1.25 X 4.25
40-46	20.25	17.00	2.25	1.25 X 6.75	1.25 X 4.75
48-52	22.00	18.00	2.25	1.50 X 7.25	1.50 X 4.75
54-55	23.00	19.00	2.25	1.50 X 7.25	1.50 X 4.75

NOTE: ALL CONNECTING BOLT HOLES ARE THRU HOLES WITH VENT HOLES PROVIDED.

2-PIECE TOP/BOTTOM GUSSETS NOT ALLOWED

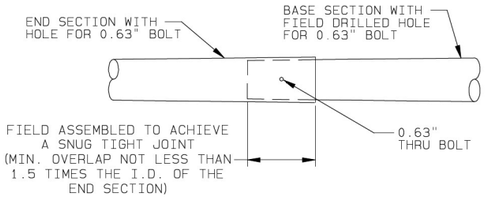


FULLY ENCLOSED SIMPLEX

DETAIL 6 | SINGLE SIGNAL ARM ATTACHMENT 6-BOLT 56' THRU 75' SPAN

SIGNAL ARM ATTACHMENT DATA - 6-BOLT

ARM SPAN (FT)	"A" (IN)	"B" (IN)	"C" (IN)	"D" (IN)
56-58	23.50	19.50	2.50	1.50 X 7.75

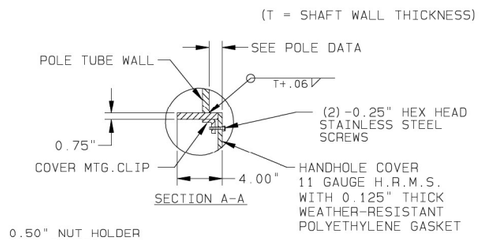


DETAIL 7 | SIGNAL ARM SLIP JOINT

ARM SECTION DATA

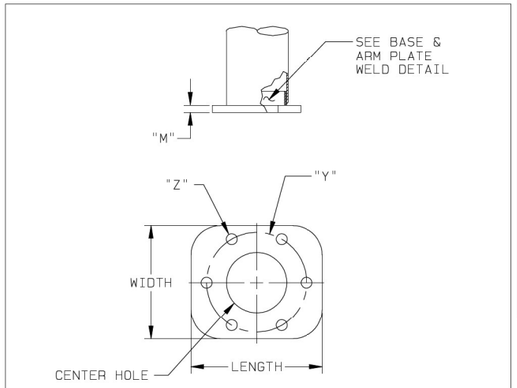
SPAN (FT)	BASE SECTION		END SECTION		
	LENGTH (FT)	GAUGE/THK	DIA. (IN)	LENGTH (FT)	GAUGE/THK
54.00	30.00	0.250	11.00	26.51	7
58.00	19.54	0.313	13.00	41.23	7

(T = SHAFT WALL THICKNESS)



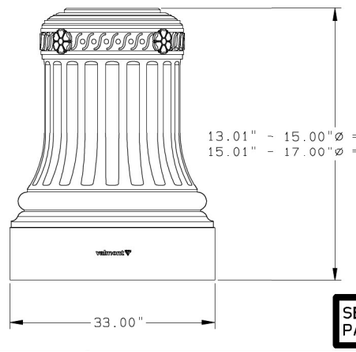
PROVIDED WITH GASKET & BONDED WASHERS

DETAIL 8 | HANDHOLE



DETAIL 9 | POLE BASE

TWO PIECE CLAMSHELL COVER
MADE WITH ELASTOMERIC URETHANE

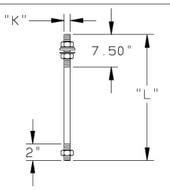


SEE NOTE 3 PAGE 2 OF 4

DETAIL 10 | 3L03EC DECORATIVE BASE

EACH ANCHOR BOLT GALVANIZED OVER THE FULL LENGTH.

EACH BOLT FURNISHED WITH (3)-HEX NUTS, (2)-FLAT WASHERS AND (1)-LOCKWASHER.



DETAIL 11 | ANCHOR BOLT

ALL HANDHOLES OR FESTOON OUTLETS SHOWN ON THIS DRAWING, WITH A COVER, GASKET AND BONDED WASHERS SUPPLIED BY VALMONT, HAVE BEEN APPROVED IN ACCORDANCE WITH NFPA 70 2014 NEC HANDBOOK SECTION 110.28, SPECIFICALLY ENCLOSURE TYPE 3R (RAINPROOF). THIS ENCLOSURE TYPE PROVIDES A DEGREE OF PROTECTION AGAINST INCIDENTAL CONTACT WITH THE ENCLOSED EQUIPMENT, RAIN, SNOW AND SLEET.

CONFORMANCE TO APPLICABLE NEC REQUIREMENTS OF COMPONENTS NOT PROVIDED BY VALMONT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

NATIONAL ELECTRIC CODE (NEC) REQUIREMENTS

LUMINAIRE POLE
WITH RESPECT TO ELECTRICAL HAZARDS ONLY. NOT FOR MECHANICAL STRENGTH OR WIND LOADING
30UM
SUITABLE FOR WET LOCATIONS
valmont STRUCTURES

"CLASSIFIED LABEL": UL1598, CATEGORY IEUR (LUMINAIRE POLES) POLES AT LEAST 12FT TALL BUT LESS THAN 100FT.

LABEL IS AFFIXED 3" ABOVE THE LOWEST HANDHOLE RIM.

DETAIL 12 | UL1598 CATEGORY LABELS

XXMAA&P-XX
VALMONT
MM-YY

1.50" X 3.25" ALUMINUM IDENTIFICATION TAG SECURED TO POLE SHAFT WITH (2) 0.19" RIVETS LOCATED 3'-3" ABOVE BASEPLATE, INLINE WITH HANDHOLE. 0.38" LETTERING.

DETAIL 13 | POLE ID TAG

XXMAA&P-XX
VALMONT
MM-YY

1.50" X 3.25" ALUMINUM IDENTIFICATION TAG SECURED TO ARM SHAFT WITH (2) 0.19" RIVETS. LOCATED 6" FROM BASE END BOTTOM SIDE OF ARM. 0.38" LETTERING.

DETAIL 14 | ARM BASE SECTION ID TAG

XXMAA&P-XX
VALMONT
MM-YY

1.50" X 3.25" ALUMINUM IDENTIFICATION TAG SECURED TO ARM SHAFT WITH (2) 0.19" RIVETS. LOCATED 3'-0" FROM LARGE END. 0.25" LETTERING.

DETAIL 15 | ARM END SECTION ID TAG

XX' LUM
CLAMP RANGE
X.XX"-X.XX"
VALMONT
MM-YY

1.50" X 3.25" ALUMINUM IDENTIFICATION TAG SECURED TO ARM SHAFT WITH (2) 0.19" RIVETS. LOCATED 6" FROM BASE END ON BOTTOM SIDE OF LOWER MEMBER. 0.25" LETTERING.

DETAIL 16 | LUMINAIRE ARM ID TAG

JOB VILLAGE OF MATTESON
DECORATIVE SIGNAL STRUCTURES

TITLE TRAFFIC SIGNAL STRUCTURES

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PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STEEL COMBINATION MAST ARM ASSEMBLY AND POLE DETAILS

SCALE: N/A | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	278	144
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

POLE & SIGNAL ARM DATA (CSMAA&P)

POLE TUBE				POLE BASE					NUT COVER DETAIL NO.	ANCHOR BOLT			HAND HOLE PROJECTION (IN)	POLE DIA. AT CENTER OF HAND HOLE (IN)	SIGNAL ARM TUBE			
BASE DIA. (IN)	TOP DIA. (IN)	LENGTH (FT)	GAUGE OR THK. (IN)	LG. X WD. OR SQUARE (IN)	BOLT CIRCLE "Y" (IN)	THK. "M" (IN)	CENTER HOLE DIA. (IN)	HOLE "Z" (IN)		QTY. OF BOLTS	DIA. "K" (IN)	LENGTH "L" (IN)			FIXED END DIA. (IN)	GAUGE OR THICK (IN)	CENTER HOLE DIA. (ARM PLATE) (IN)	SPAN (FT)
14.00	8.82	37.00	0.250	23.00 X 21.00	18.00	2.00	12.50	2.00	10	6	1.75	84.00	1.00	13.71	10.00	7	8.25	24.00
14.00	8.82	37.00	0.250	23.00 X 21.00	18.00	2.00	12.50	2.00	10	6	1.75	84.00	1.00	13.71	10.00	7	8.25	28.00
14.00	8.82	37.00	0.313	23.00 X 21.00	18.00	2.00	10.75	2.00	10	6	1.75	84.00	1.00	13.71	11.50	7	9.00	34.00
14.00	8.82	37.00	0.313	26.00 X 24.00	21.00	2.00	8.00	2.00	11	6	1.75	84.00	1.25	13.71	12.50	5	8.25	38.00
14.00	8.82	37.00	0.313	26.00 X 24.00	21.00	2.00	8.00	2.00	11	6	1.75	84.00	1.25	13.71	12.50	3	8.75	40.00
15.50	10.32	37.00	0.250	26.00 X 24.00	21.00	2.00	10.25	2.00	10	6	1.75	84.00	1.00	15.21	13.00	3	9.00	44.00
15.50	10.32	37.00	0.250	26.00 X 24.00	21.00	2.00	11.75	2.00	10	6	1.75	84.00	1.00	15.21	13.50	0.250	8.50	48.00
16.00	10.82	37.00	0.250	26.00 X 24.00	21.00	2.00	12.50	2.00	10	6	1.75	84.00	1.00	15.71	14.00	0.250	8.75	50.00
16.50	11.32	37.00	0.250	26.00 X 24.00	21.00	2.00	13.50	2.00	10	6	1.75	84.00	1.00	16.21	14.50	DETAIL 7	8.75	54.00
16.50	11.32	37.00	0.313	29.00 X 27.00	24.00	2.25	9.75	2.00	11	6	1.75	84.00	1.00	16.21	15.00	DETAIL 7	8.00	58.00

POLE REQUIREMENTS (CSMAA&P)

QUANTITY	MAST ARM SPAN (FT)	LUMINAIRE ARM SPAN (FT)	MOUNTING HEIGHT (FT)
1	24	1 @ 15'	40.00
1	28	1 @ 15'	40.00
1	34	1 @ 15'	40.00
1	38	1 @ 15'	40.00
1	40	1 @ 15'	40.00
4	44	1 @ 15'	40.00
1	44	2 @ 15'	40.00
1	48	1 @ 15'	40.00
2	56	2 @ 15'	40.00
1	54	1 @ 15'	40.00
1	58	2 @ 15'	40.00
1	54	2 @ 15'	40.00'
1*	44		

* MAST ARM IN THE SOUTHWEST QUADRANT OF IL RTE 50 @ TOWN CENTER DRIVE WILL NOT HAVE A COMBINATION LUMINAIRE ARM

NOTES:

1. STRUCTURES SHOWN HERE HAVE BEEN SIZED PER IL DOT STANDARD DESIGN MAXIMUM LOADING WITH ROUND POLE AND ARM CROSS SECTIONS. SIZING CONFORMS TO VALMONT STANDARD SIGNAL STRUCTURE DRAWING DB01117 REV.D, CURRENTLY APPROVED BY IL DOT.

2. USE OF VALMONT 4W FLUTED POLE CROSS SECTION REQUIRES ENGINEERING EVALUATION/SIZING OF STRUCTURES SHOWN WITH ACTUAL/PLAN LOADS. PLEASE PROVIDE/SPECIFY ACTUAL LOADING FOR EACH STRUCTURE FOR EVALUATION/SIZING WITH VALMONT 4W FLUTED CROSS SECTION.

3. USE OF VALMONT ENDURO DECORATIVE BASE REQUIRES ENGINEERING EVALUATION/SIZING OF STRUCTURES SHOWN WITH ACTUAL/PLAN LOADS. THIS IS DUE TO AT LEAST (1) CURRENT SIZED BASEPLATES NOT FITTING WITHIN THE DECO BASE SHOWN. PLEASE PROVIDE/SPECIFY ACTUAL LOADING FOR EACH STRUCTURE FOR EVALUATION/SIZING WITH SOME ALTERNATE BASEPLATE SIZING.

JOB VILLAGE OF MATTESON
DECORATIVE SIGNAL STRUCTURES

TITLE TRAFFIC SIGNAL STRUCTURES

VALMONT INDUSTRIES, INC. RESERVES THE RIGHT TO INSTALL VARIOUS, ENGINEER APPROVED, MATERIAL HANGING ACCOMMODATIONS TO FACILITATE THE MANUFACTURING PROCESS.

valmont
Valley,NE 68064
(402) 359-2201

ORDER NUMBER: 530116-P1
PAGE NUMBER: 4 OF 4
DRAWING NUMBER: IL530116P1
REV: B

TS SHT NO. 12

MODEL: Default
FILE NAME: Z:\18-0012-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Traffic Signal\Sheets\D162G38-sht-Steel Combination Mast Arm Assembly and Pole Details-3.dgn

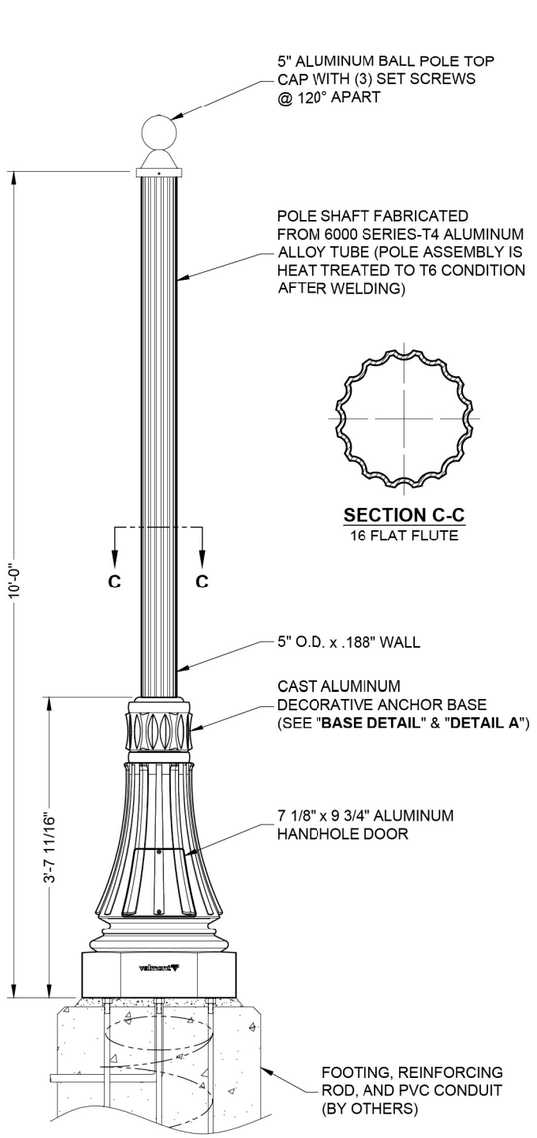
USER NAME = MET	DESIGNED - ASH	REVISED -	
	DRAWN - ASH	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - MET	REVISED -	
PLOT DATE = 4/27/2023	DATE - 2-28-2023	REVISED -	

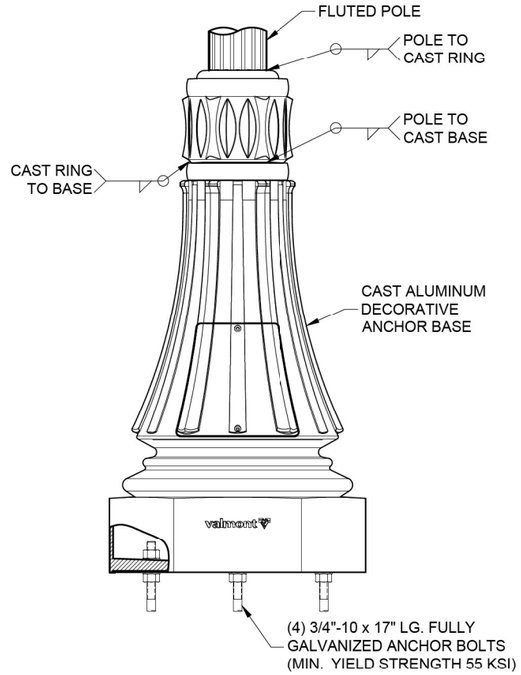
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STEEL COMBINATION MAST ARM ASSEMBLY AND POLE DETAILS

SCALE: N/A | SHEET OF SHEETS | STA. | TO STA.

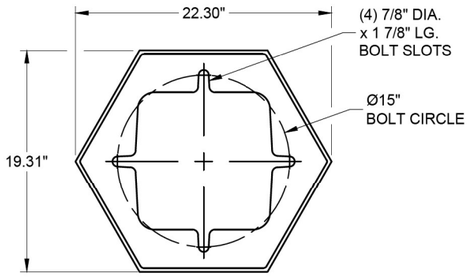
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	145
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		





BASE DETAIL

SECTION C-C
16 FLAT FLUTE



DETAIL A
(BOTTOM VIEW)

DO NOT SCALE

valmont

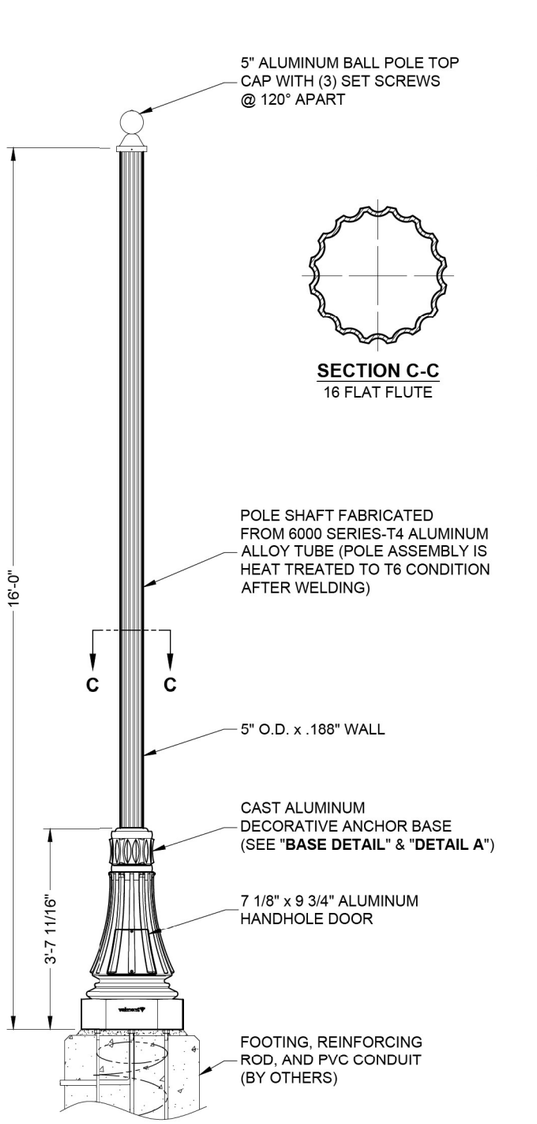
Valmont Industries, Inc. Structures Division
20805 Eaton Ave Farmington, Minnesota 55024-7932
Phone: (651) 463-8990 (800) 899-7577
Fax: (651) 463-3349

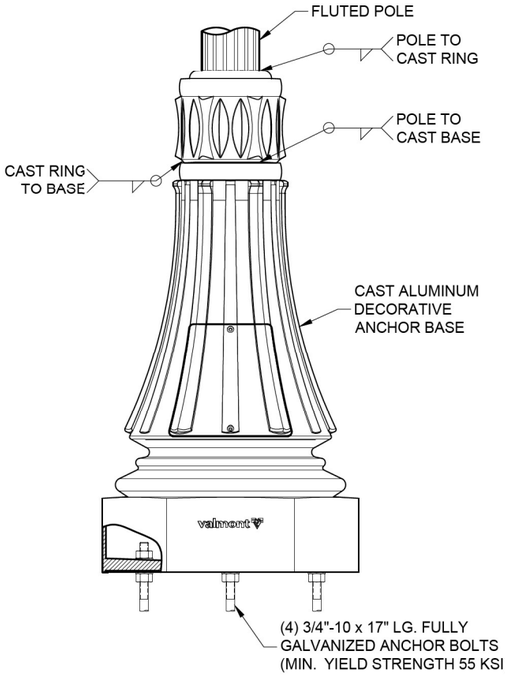
****CONFIDENTIAL****
The information contained in this drawing is privileged and confidential, and may be protected from disclosure. Please be aware that any use or dissemination of this drawing may be subject to legal restriction or sanction.

TITLE:	S 10' x 5" x .188" STR FLUTE LAKE COUNTY
MODEL NO.:	100050506ULC
MATERIAL:	ALUMINUM ALLOY
FINISH:	POWDER PAINT - BLACK DBL
PROJECT:	RE: 530116-P1 - VILLAGE OF MATTESON - DECORATIVE
SOLD TO:	
SHIP TO:	
P.O. NO:	
REP:	LIGHTING SOLUTIONS

QTY:	DWN BY:	CHK'D BY:	APPR BY:	DATE:	DWG NO:	PAGE:
4	PTP		JRB	03-23-23	A41907	1 / 2

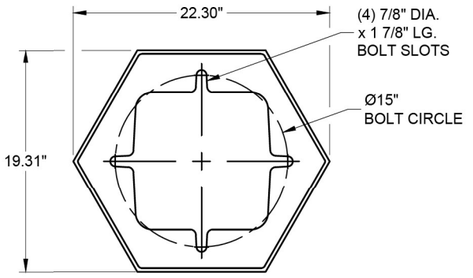
REV	DATE	REVISION DESCRIPTION	BY





BASE DETAIL

SECTION C-C
16 FLAT FLUTE



DETAIL A
(BOTTOM VIEW)

DO NOT SCALE

valmont

Valmont Industries, Inc. Structures Division
20805 Eaton Ave Farmington, Minnesota 55024-7932
Phone: (651) 463-8990 (800) 899-7577
Fax: (651) 463-3349

****CONFIDENTIAL****
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TITLE:	S 16' x 5" x .188" STR FLUTE LAKE COUNTY
MODEL NO.:	160050506ULC
MATERIAL:	ALUMINUM ALLOY
FINISH:	POWDER PAINT - BLACK DBL
PROJECT:	RE: 530116-P1 - VILLAGE OF MATTESON - DECORATIVE
SOLD TO:	
SHIP TO:	
P.O. NO:	
REP:	LIGHTING SOLUTIONS

QTY:	DWN BY:	CHK'D BY:	APPR BY:	DATE:	DWG NO:	PAGE:
8	PTP		JRB	03-23-23	A41907	2 / 2

REV	DATE	REVISION DESCRIPTION	BY

TS SHT NO. 12A

MODEL: Default
FILE NAME: Z:\18-0012-01 IDOT 188 Item 14 430 & 430\50_Design\20_CADD\Traffic Signal\Sheets\D162G38-sht-Signal Post Details.dgn

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	DRAWN - ASH	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - MET	REVISED -	
PLOT DATE = 4/12/2023	DATE - 2-28-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL POST (SPECIAL) DETAILS

SCALE: N/A | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	145A
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

REMOVAL AND RELOCATION NOTES:

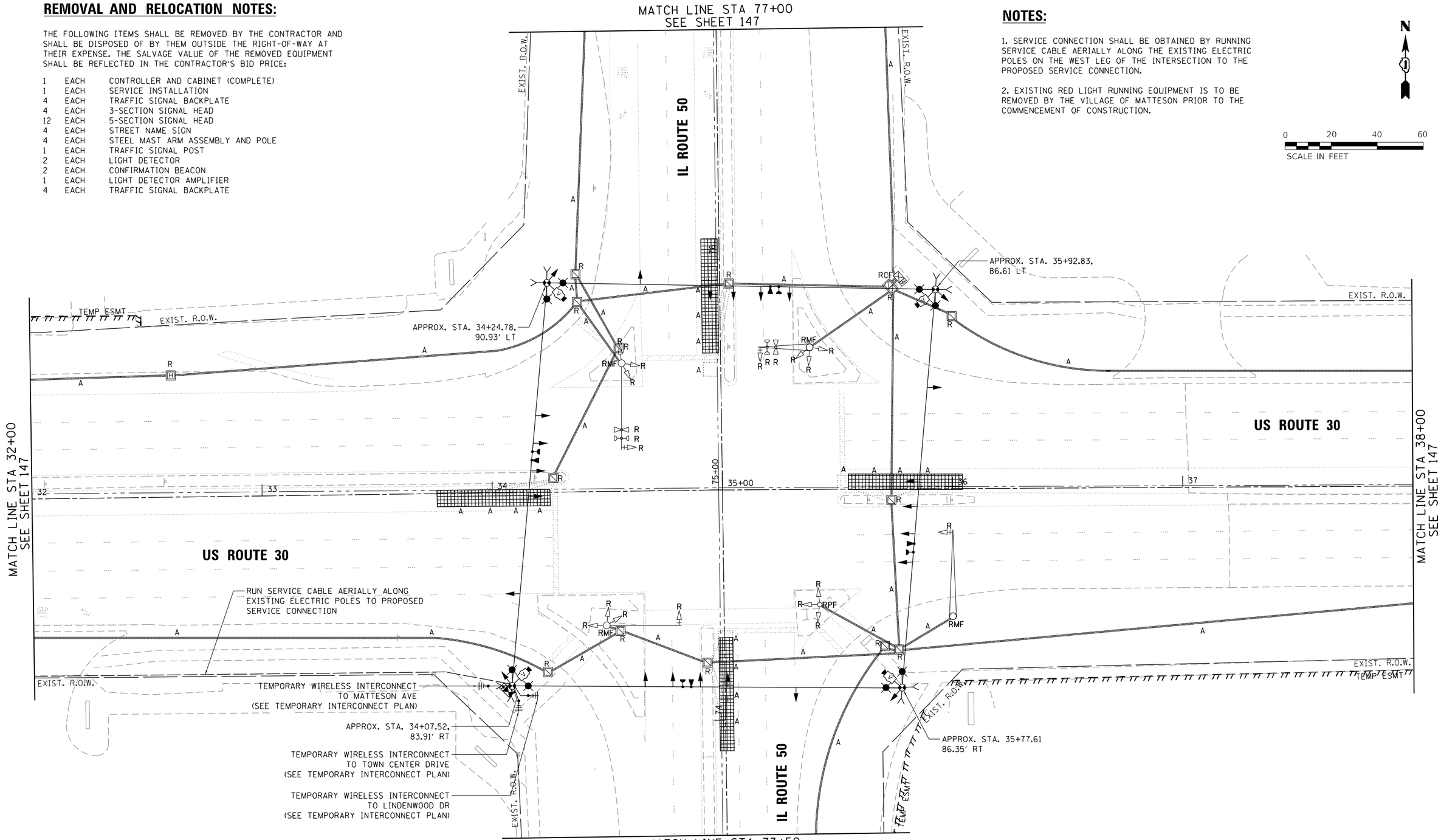
THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACTOR'S BID PRICE:

1	EACH	CONTROLLER AND CABINET (COMPLETE)
1	EACH	SERVICE INSTALLATION
4	EACH	TRAFFIC SIGNAL BACKPLATE
4	EACH	3-SECTION SIGNAL HEAD
12	EACH	5-SECTION SIGNAL HEAD
4	EACH	STREET NAME SIGN
4	EACH	STEEL MAST ARM ASSEMBLY AND POLE
1	EACH	TRAFFIC SIGNAL POST
2	EACH	LIGHT DETECTOR
2	EACH	CONFIRMATION BEACON
1	EACH	LIGHT DETECTOR AMPLIFIER
4	EACH	TRAFFIC SIGNAL BACKPLATE

NOTES:

1. SERVICE CONNECTION SHALL BE OBTAINED BY RUNNING SERVICE CABLE AERIALLY ALONG THE EXISTING ELECTRIC POLES ON THE WEST LEG OF THE INTERSECTION TO THE PROPOSED SERVICE CONNECTION.

2. EXISTING RED LIGHT RUNNING EQUIPMENT IS TO BE REMOVED BY THE VILLAGE OF MATTESON PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.



PRE–STAGE

TS 1355
ECON 54

TS SHT NO. 13

MODEL: Default
FILE NAME: Z:\18-00124-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CAD\Traffic Signal\Sheets\SHT_US30IL50_Temporary Traffic Signal - Installation.dgn

Peralte-Clark LLC

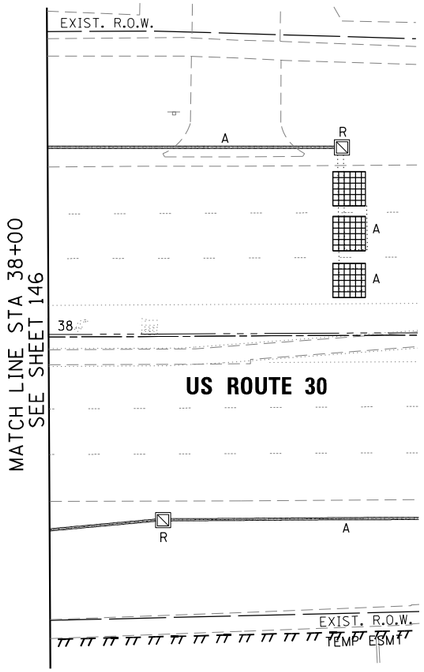
USER NAME = MET	DESIGNED - ASH	REVISED -	
	DRAWN - ASH	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - JAC	REVISED -	
PLOT DATE = 4/27/2023	DATE - 2-28-2023	REVISED -	

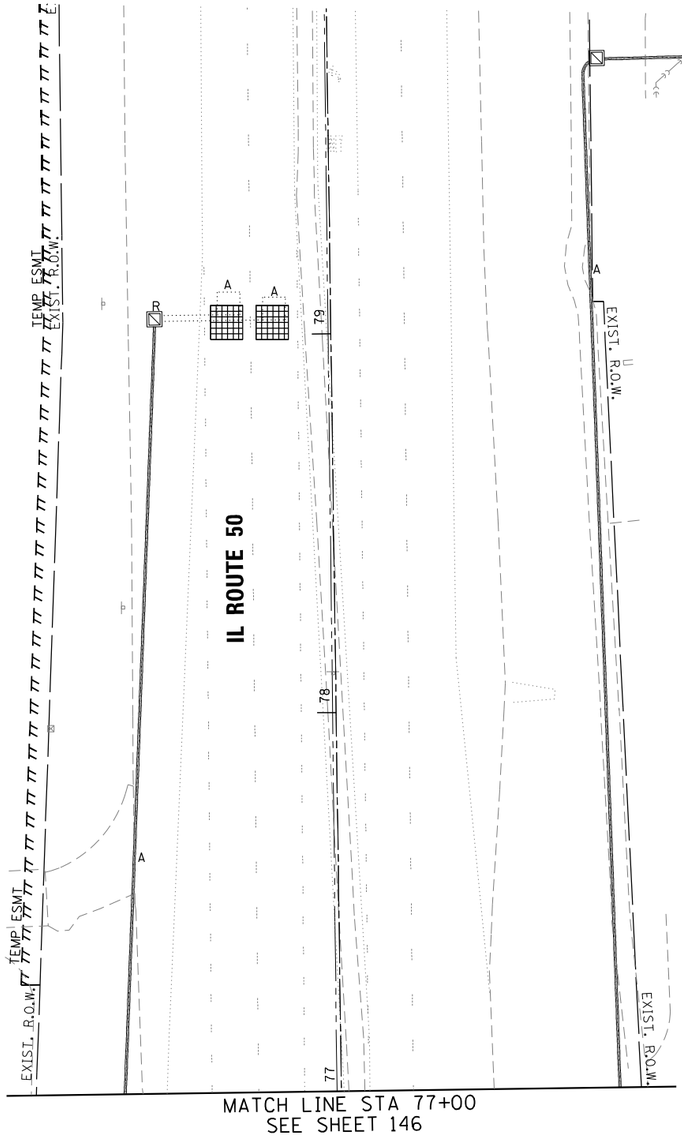
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

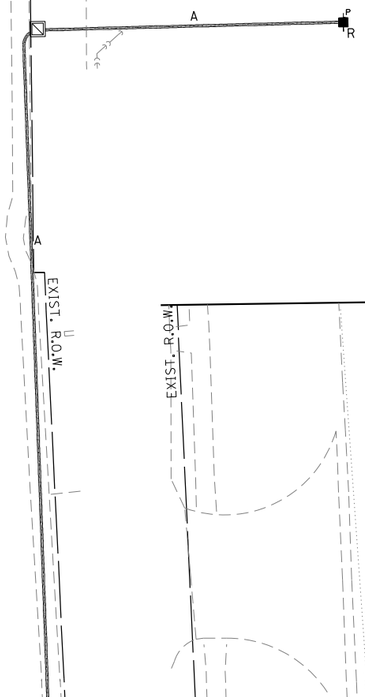
TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN
US ROUTE 30 (LINCOLN HWY) AT IL ROUTE 50 (CICERO AVE)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	146
		CONTRACT NO. 62G38		
		ILLINOIS	FED. AID PROJECT	







PRE–STAGE

TS 1355
ECON 54

TS SHT NO. 14

MODEL: Default
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Peralte-Clark LLC

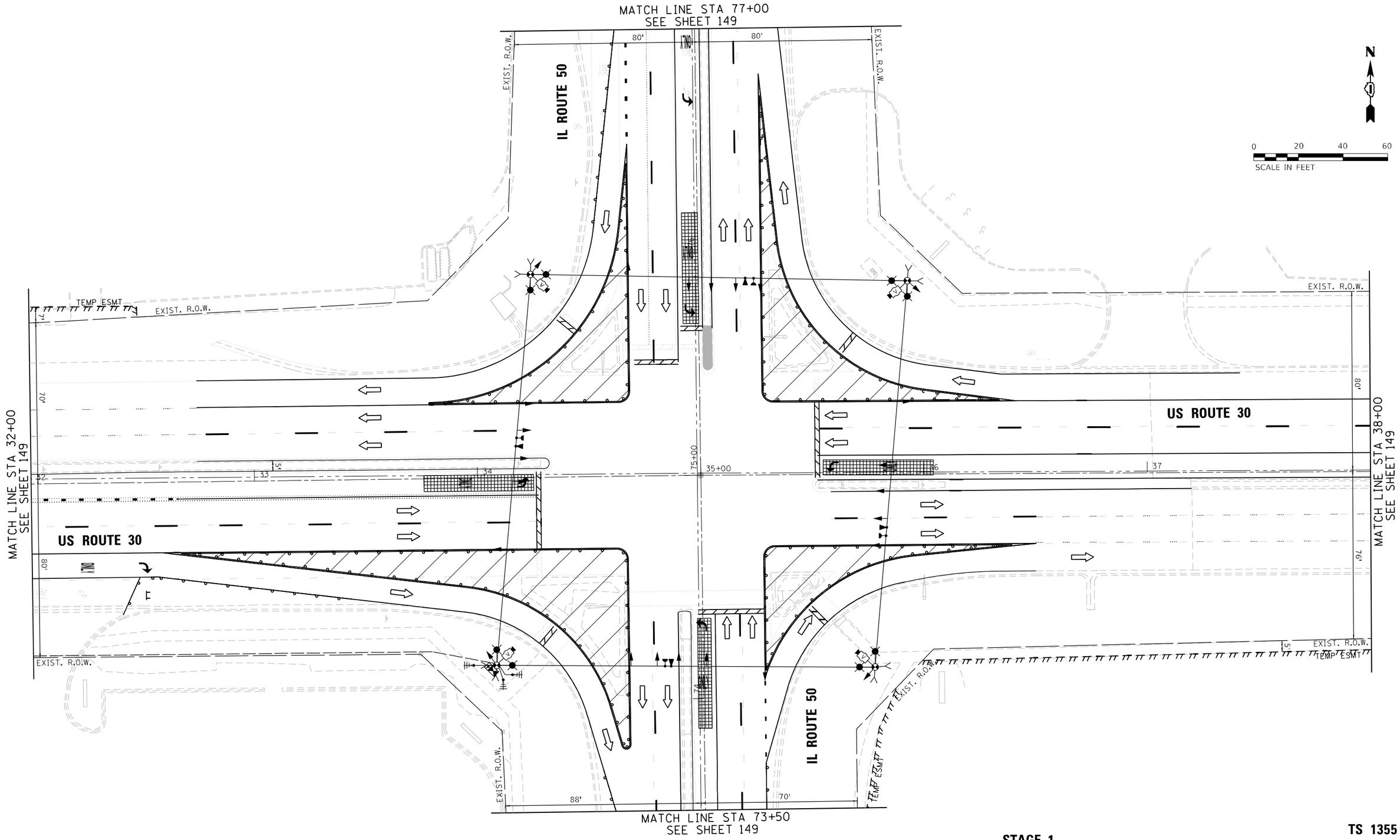
USER NAME = MET	DESIGNED - ASH	REVISED -
	DRAWN - ASH	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - JAC	REVISED -
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN
US ROUTE 30 (LINCOLN HWY) AT IL ROUTE 50 (CICERO AVE)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	147
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			



STAGE 1

TS 1355
ECON 54

TS SHT NO. 15

MODEL: Default
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Peralte-Clark LLC

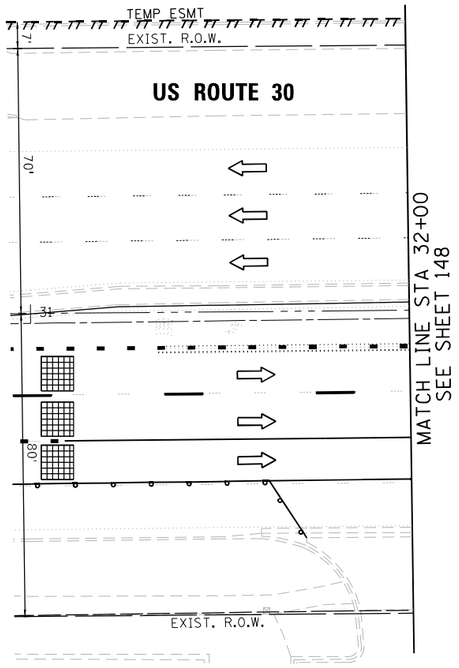
USER NAME = MET	DESIGNED - ASH	REVISED -
	DRAWN - ASH	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - JAC	REVISED -
PLOT DATE = 4/27/2023	DATE - 2-28-2023	REVISED -

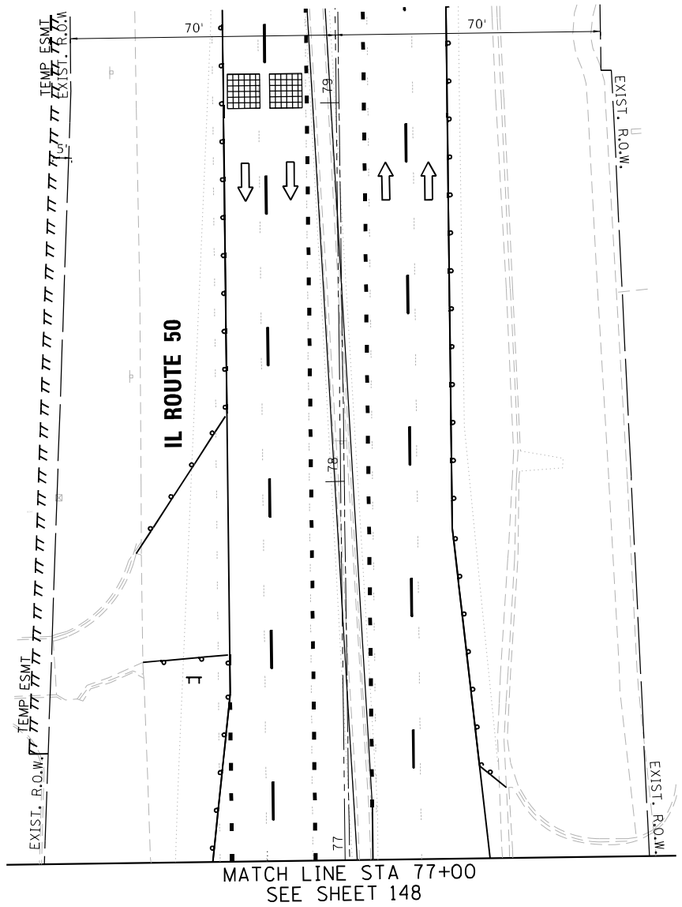
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

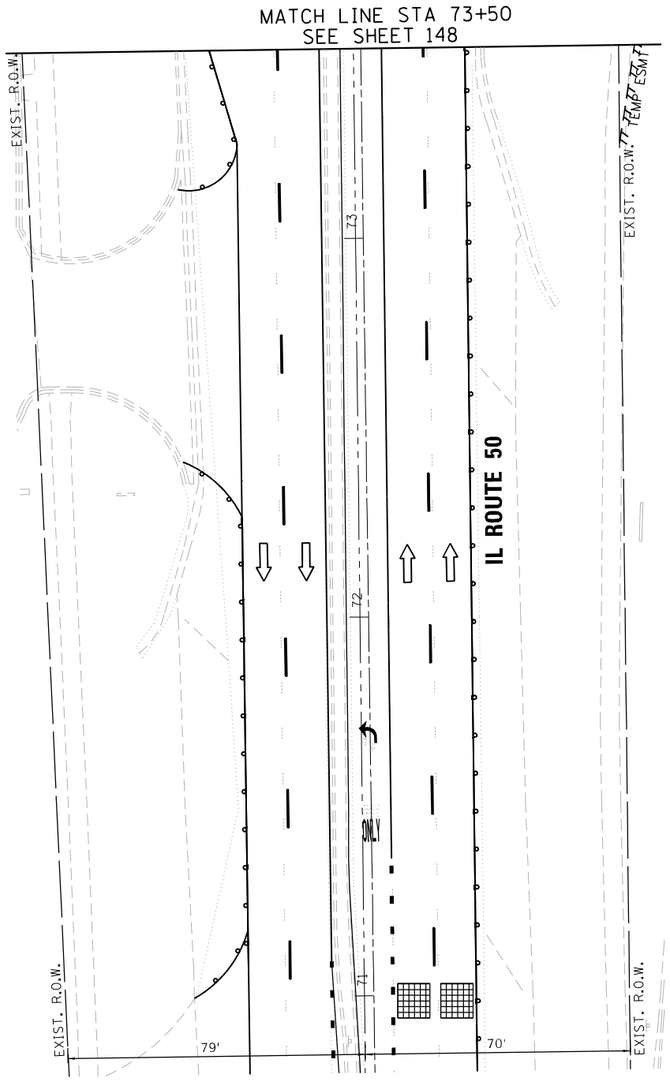
TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN STAGE 1
US ROUTE 30 (LINCOLN HWY) AT IL ROUTE 50 (CICERO AVE)

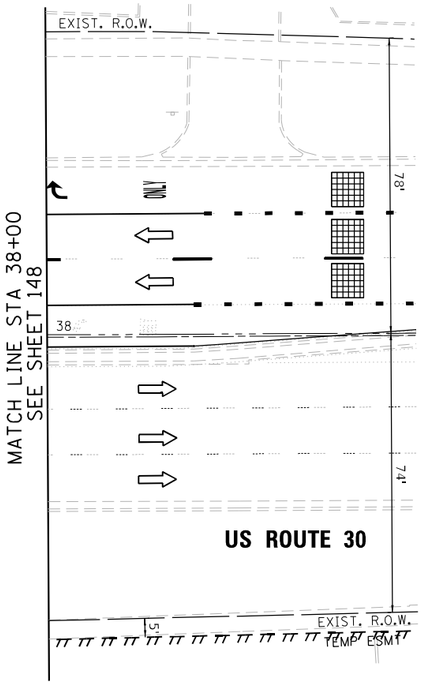
SCALE: 1" = 20' | SHEET OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	148
		CONTRACT NO. 62G38		
		ILLINOIS	FED. AID PROJECT	











STAGE 1

TS 1355
ECON 54

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Peralte-Clark LLC

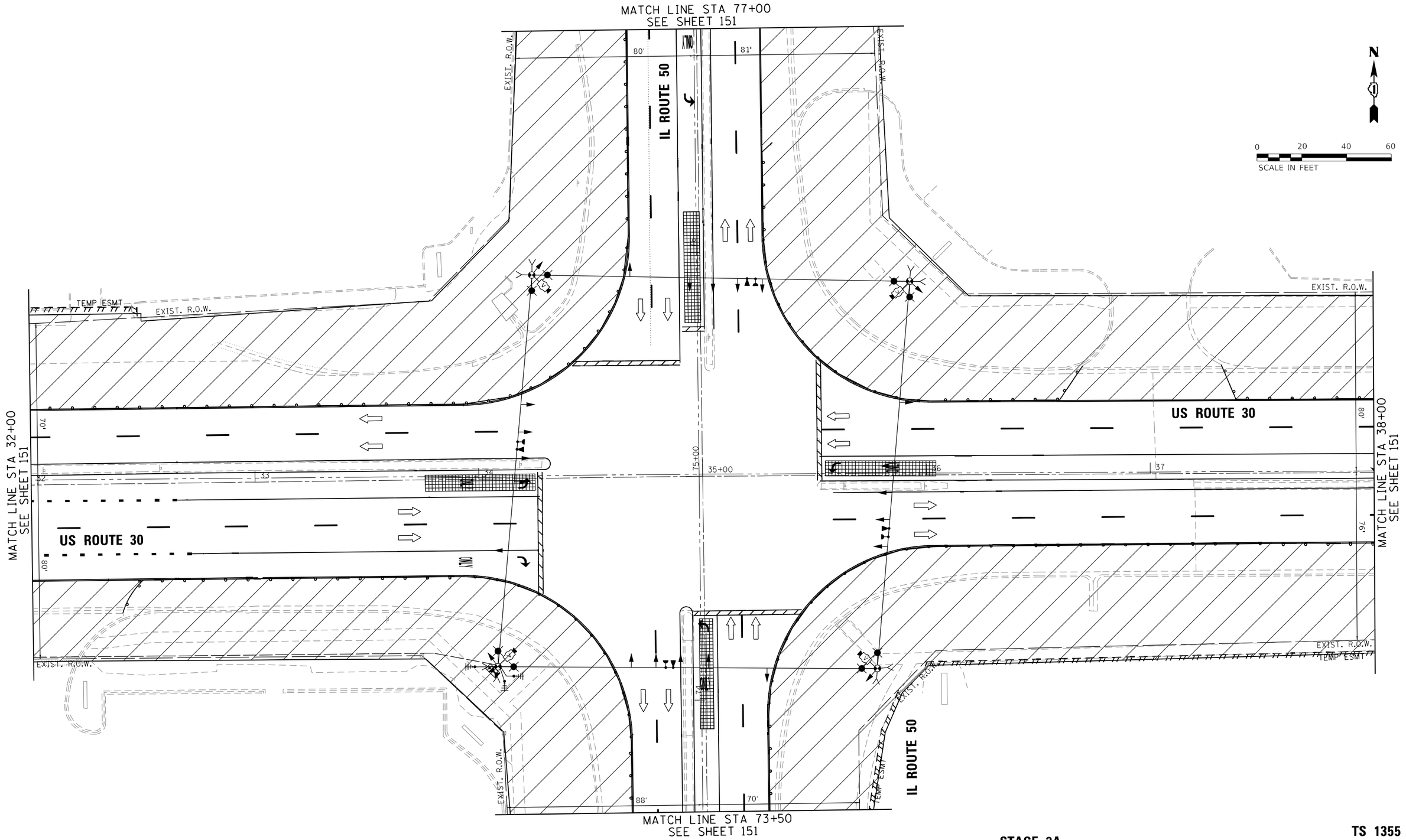
USER NAME = MET	DESIGNED - ASH	REVISED -
	DRAWN - ASH	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - JAC	REVISED -
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN STAGE 1
US ROUTE 30 (LINCOLN HWY) AT IL ROUTE 50 (CICERO AVE)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	149
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			



STAGE 2A

TS 1355
ECON 54

TS SHT NO. 17

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Peralte-Clark LLC

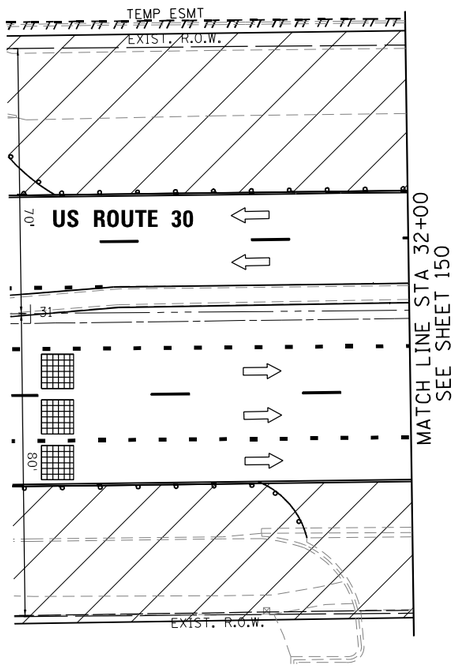
USER NAME = MET	DESIGNED - ASH	REVISED -
	DRAWN - ASH	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - JAC	REVISED -
PLOT DATE = 4/27/2023	DATE - 2-28-2023	REVISED -

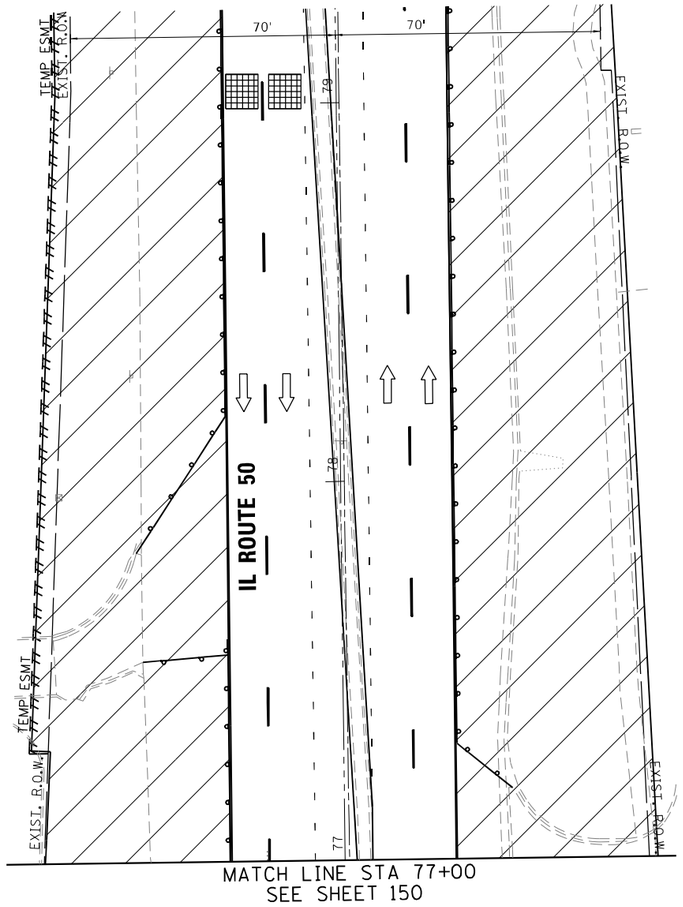
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

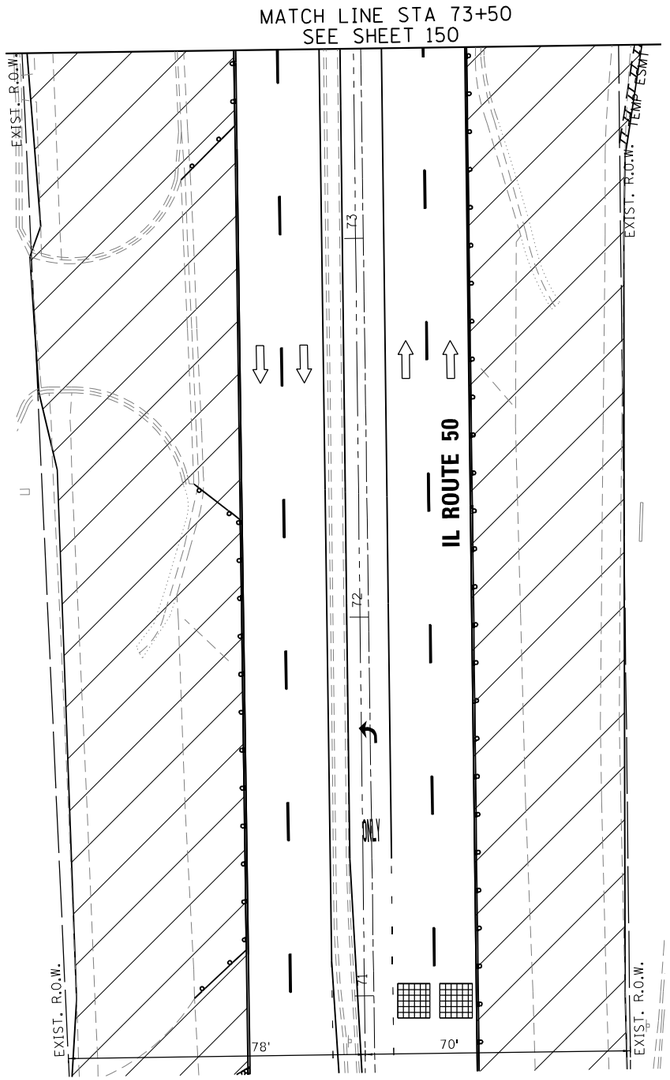
TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN STAGE 2A
US ROUTE 30 (LINCOLN HWY) AT IL ROUTE 50 (CICERO AVE)

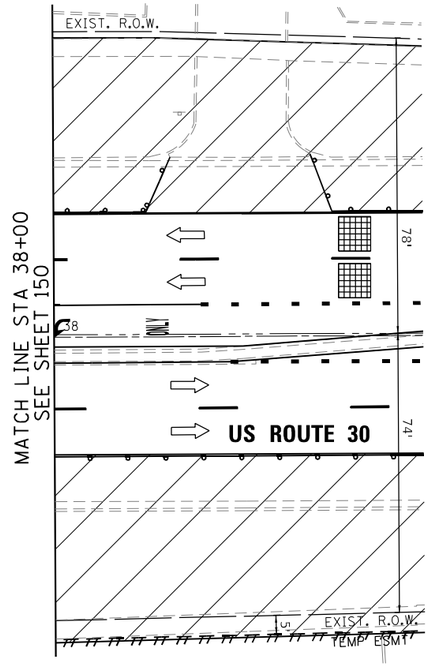
SCALE: 1" = 20' | SHEET OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	150
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		









N

0 20 40 60
SCALE IN FEET

STAGE 2A

TS 1355
ECON 54

TS SHT NO. 18

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Peralte-Clark LLC

USER NAME = MET	DESIGNED - ASH	REVISED -	
	DRAWN - ASH	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - JAC	REVISED -	
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN STAGE 2A
US ROUTE 30 (LINCOLN HWY) AT IL ROUTE 50 (CICERO AVE)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	151
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

MATCH LINE STA 77+00
SEE SHEET 153

EXIST. R.O.W.

80'

ONLY

81'

EXIST. R.O.W.

IL ROUTE 50

N

0 20 40 60
SCALE IN FEET

TEMP ESMT

EXIST. R.O.W.

US ROUTE 30

EXIST. R.O.W.

70'

MATCH LINE STA 32+00
SEE SHEET 153

32

33

34

75+00

35+00

36

37

80'

MATCH LINE STA 38+00
SEE SHEET 153

US ROUTE 30

EXIST. R.O.W.

TEMP ESMT

EXIST. R.O.W.

EXIST. R.O.W.

IL ROUTE 50

88'

70'

TEMP ESMT

EXIST. R.O.W.

MATCH LINE STA 73+50
SEE SHEET 153

STAGE 2B

TS 1355
ECON 54

TS SHT NO. 19

MODEL: Default
FILE NAME: Z:\18-00124-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Traffic Signal\Sheets\SHT_US30IL50_Temporary Traffic Signal - Stage 2b.dgn

Peralte-Clark LLC

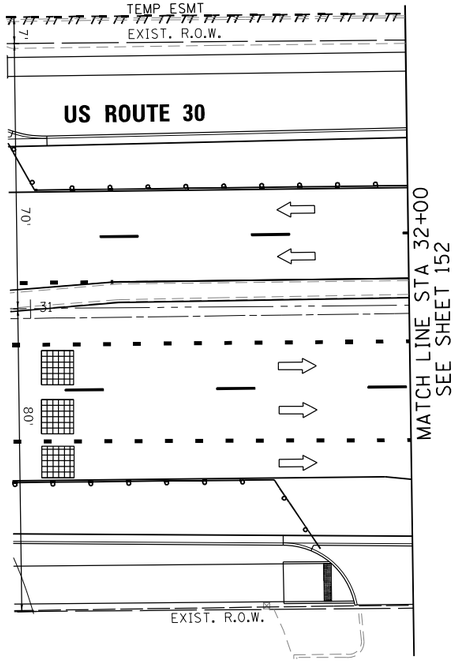
USER NAME = MET	DESIGNED - ASH	REVISED -
	DRAWN - ASH	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - JAC	REVISED -
PLOT DATE = 4/27/2023	DATE - 2-28-2023	REVISED -

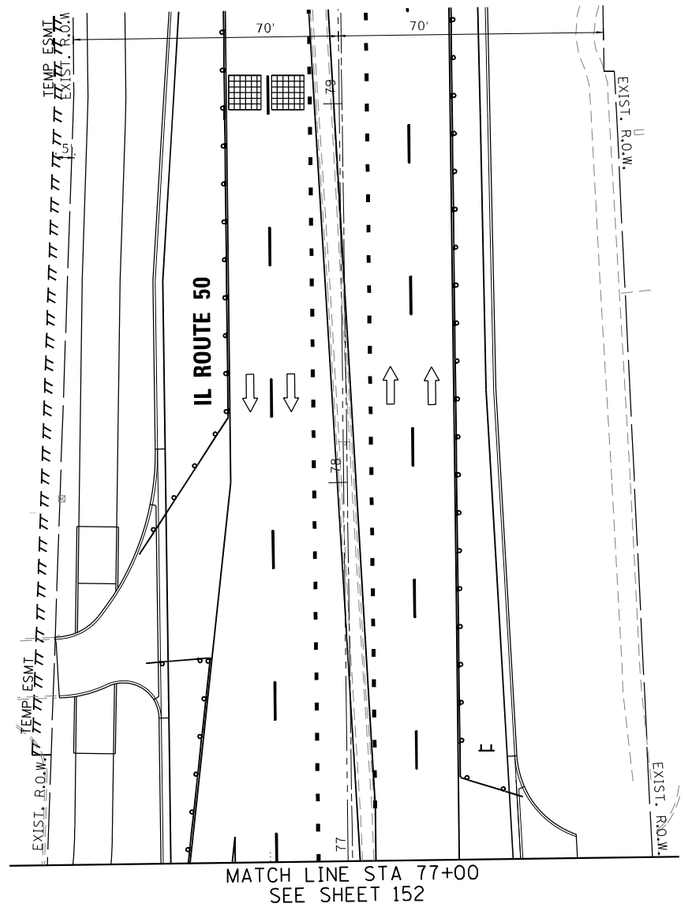
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

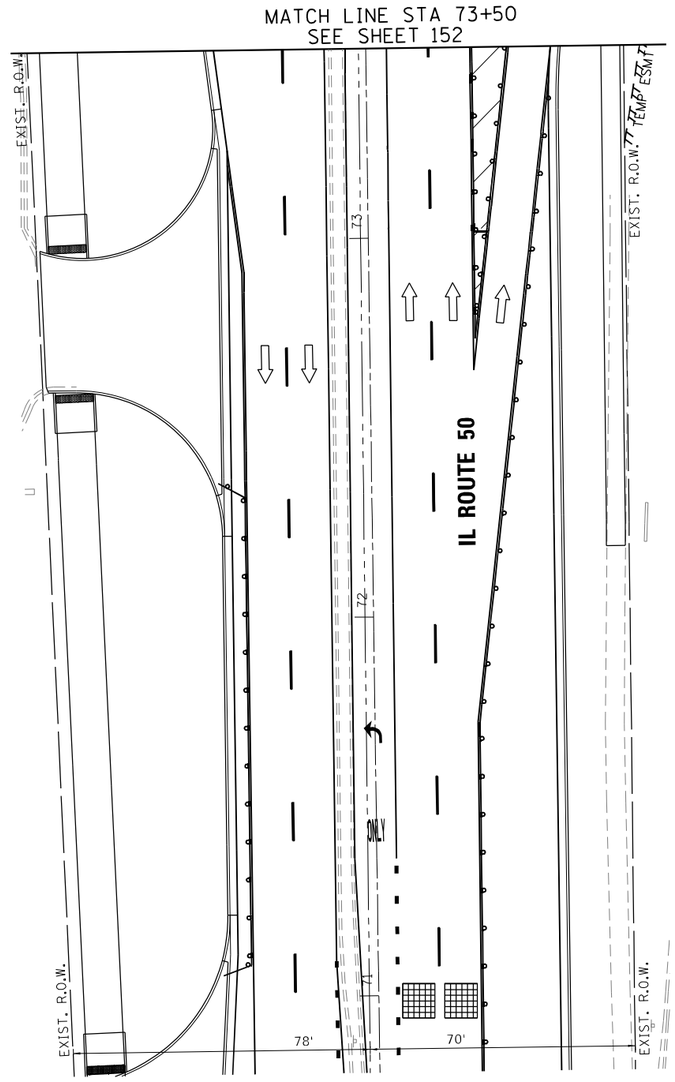
TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN STAGE 2B
US ROUTE 30 (LINCOLN HWY) AT IL ROUTE 50 (CICERO AVE)

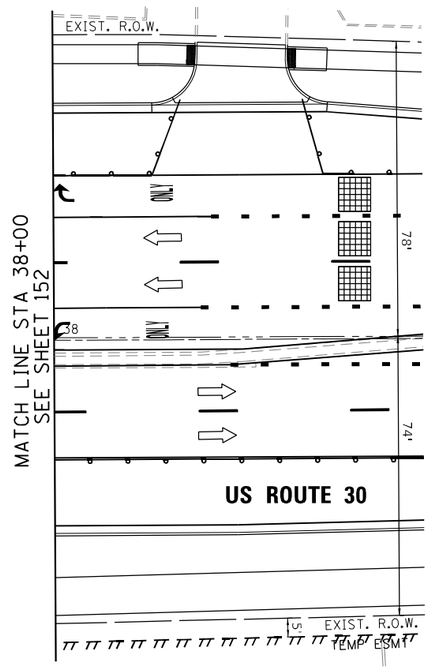
SCALE: 1" = 20' | SHEET OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	152
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			











0 20 40 60
SCALE IN FEET

STAGE 2B

TS 1355
ECON 54

TS SHT NO. 20

MODEL: Default
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Peralte-Clark LLC

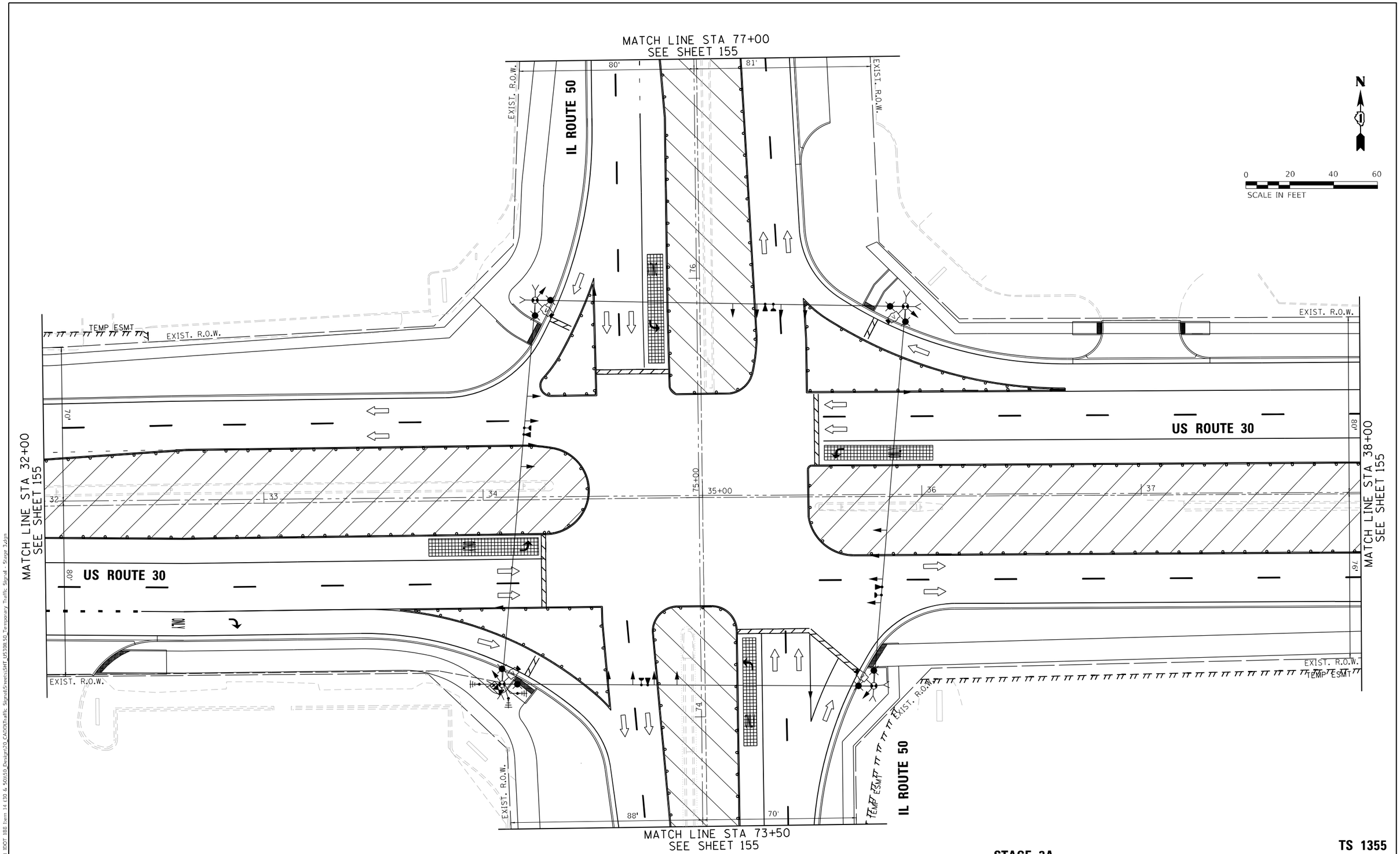
USER NAME = MET	DESIGNED - ASH	REVISED -	
	DRAWN - ASH	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - JAC	REVISED -	
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN STAGE 2B
US ROUTE 30 (LINCOLN HWY) AT IL ROUTE 50 (CICERO AVE)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	153
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		



STAGE 3A

TS 1355
ECON 54

TS SHT NO. 21

MODEL: Default
FILE NAME: Z:\18-0012-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Traffic Signal\Sheets\SHT_US30IL50_Temporary Traffic Signal - Stage 3.dgn

Peralte-Clark LLC

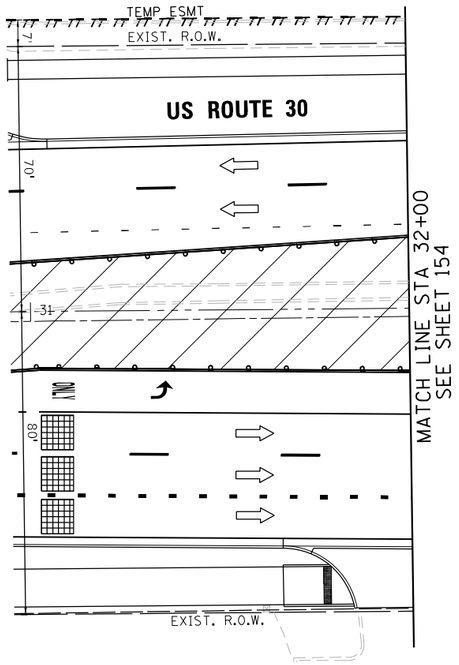
USER NAME = MET	DESIGNED - ASH	REVISED -	
	DRAWN - ASH	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - JAC	REVISED -	
PLOT DATE = 4/27/2023	DATE - 2-28-2023	REVISED -	

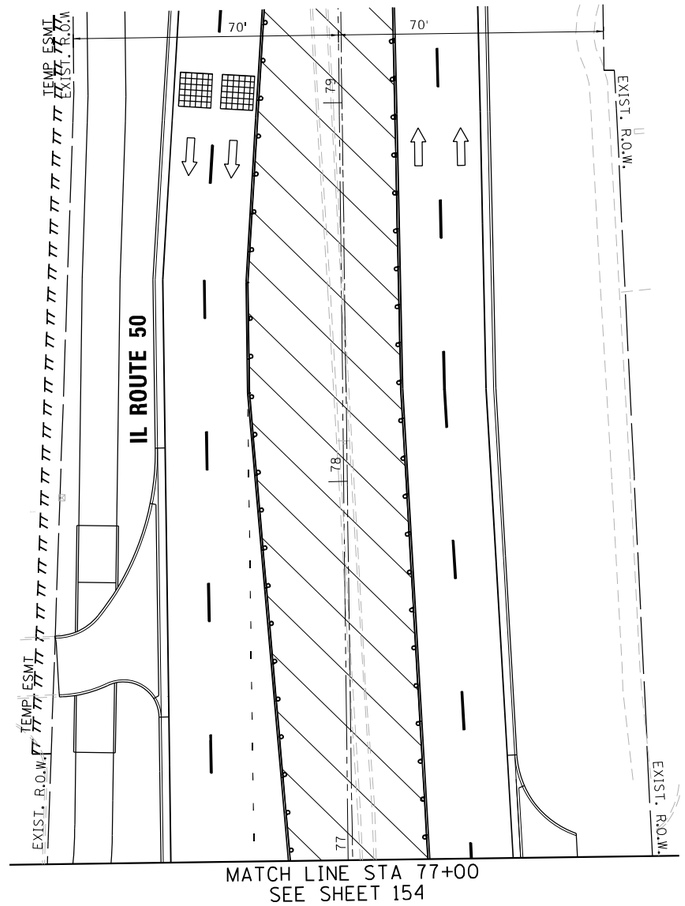
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

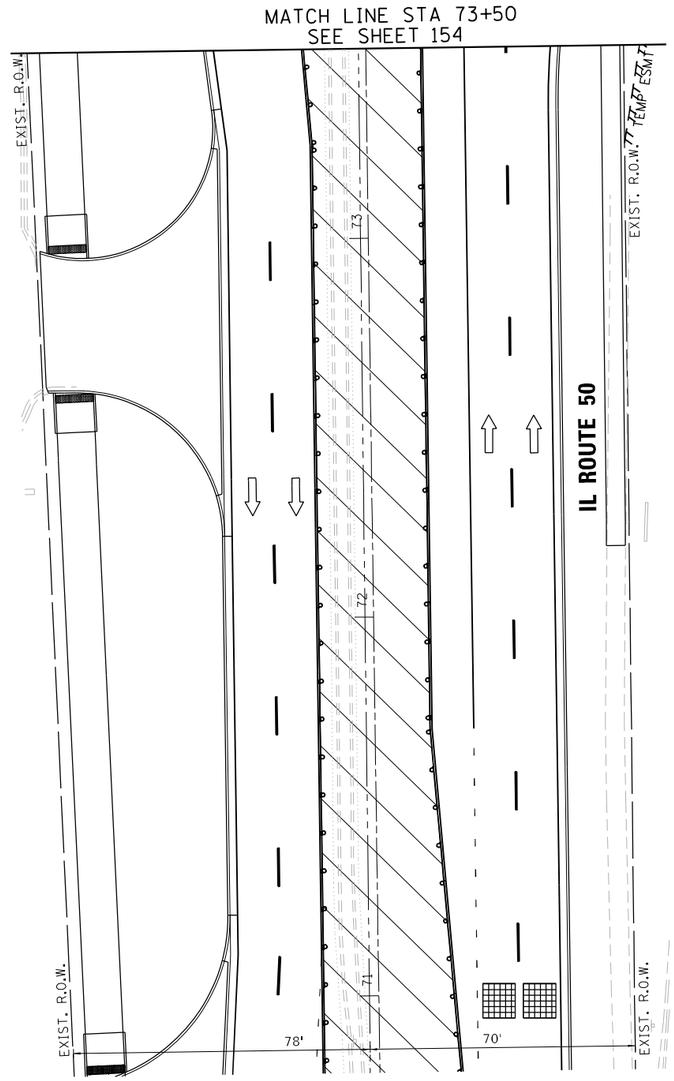
TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN STAGE 3A
US ROUTE 30 (LINCOLN HWY) AT IL ROUTE 50 (CICERO AVE)

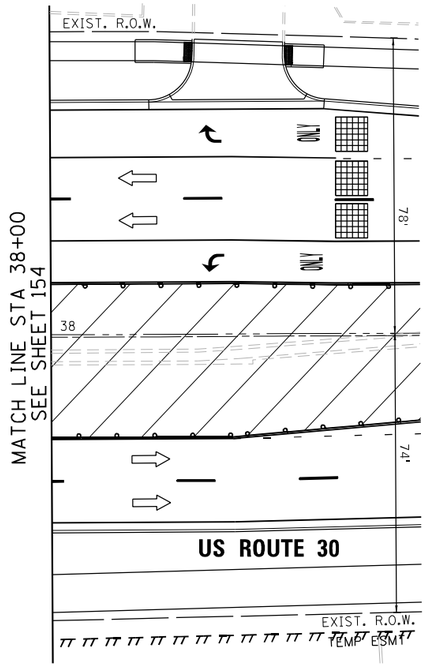
SCALE: 1" = 20' | SHEET OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	154
		CONTRACT NO. 62G38		
		ILLINOIS	FED. AID PROJECT	









N

0 20 40 60
SCALE IN FEET

STAGE 3A

TS 1355
ECON 54

TS SHT NO. 22

MODEL: Default
FILE NAME: Z:\18-00124-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Traffic Signal\Sheets\SHT_US30IL50_Temporary Traffic Signal - Siegel 3_2.dgn

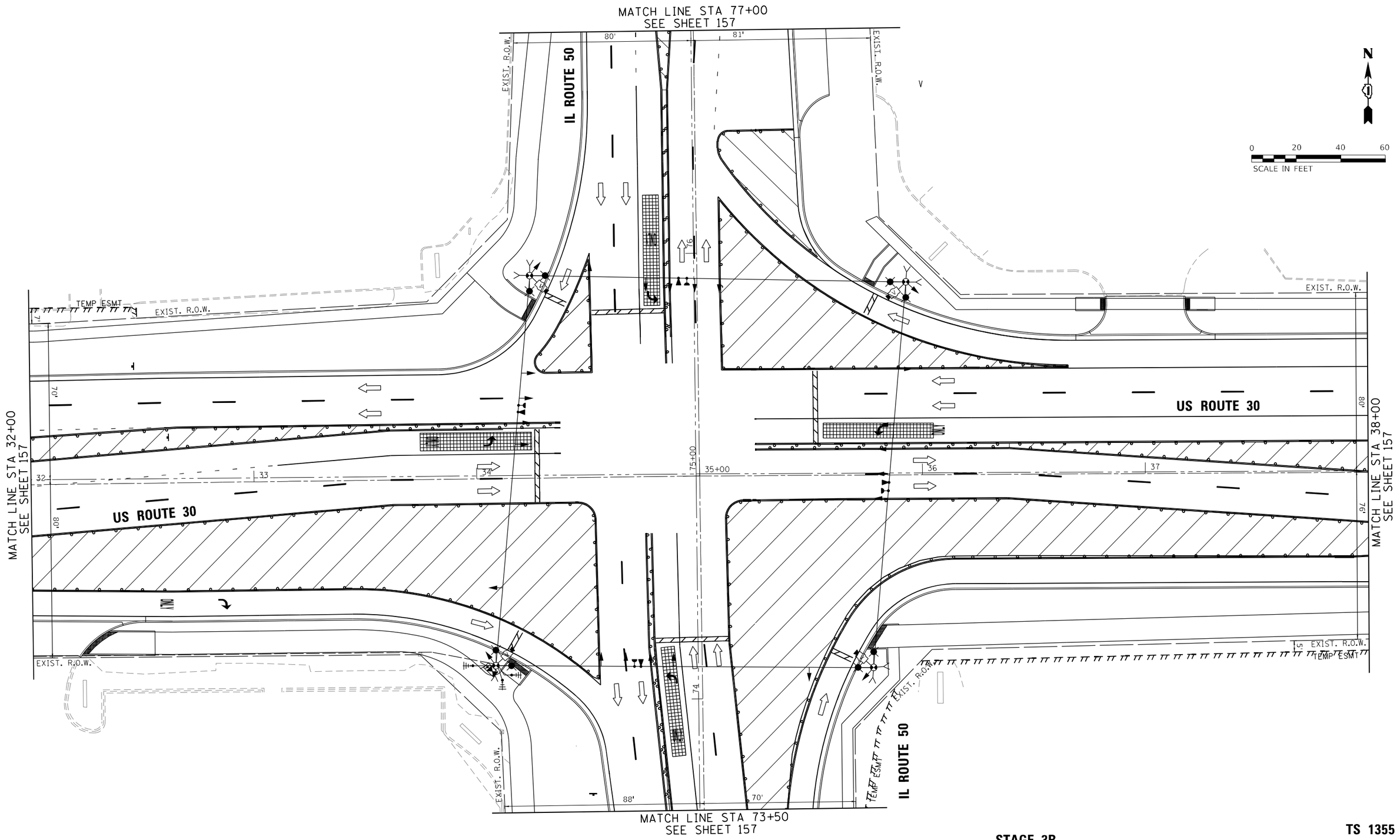
Peralte-Clark LLC	USER NAME = MET	DESIGNED - ASH	REVISED -
		DRAWN - ASH	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED - JAC	REVISED -
	PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN STAGE 3A
US ROUTE 30 (LINCOLN HWY) AT IL ROUTE 50 (CICERO AVE)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	155
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		



STAGE 3B

TS 1355
ECON 54

TS SHT NO. 23

MODEL: Default
FILE NAME: P:\18-0012-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Traffic Signal\Sheets\SHT_US30IL50_Temporary Traffic Signal - Stage 3b.dgn

Peralte-Clark LLC

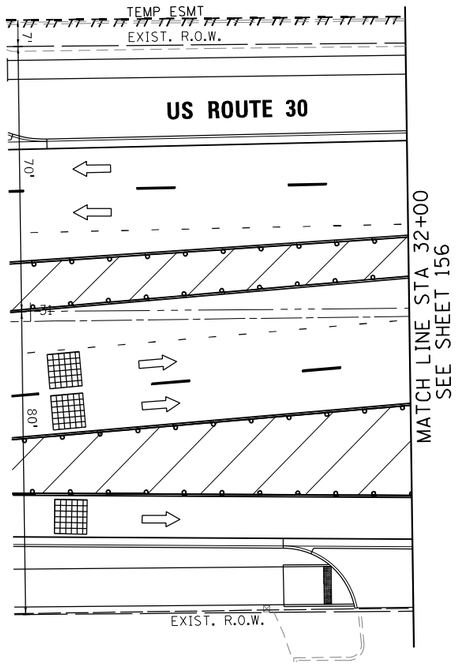
USER NAME = MET	DESIGNED - ASH	REVISED -
	DRAWN - ASH	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - JAC	REVISED -
PLOT DATE = 4/27/2023	DATE - 2-28-2023	REVISED -

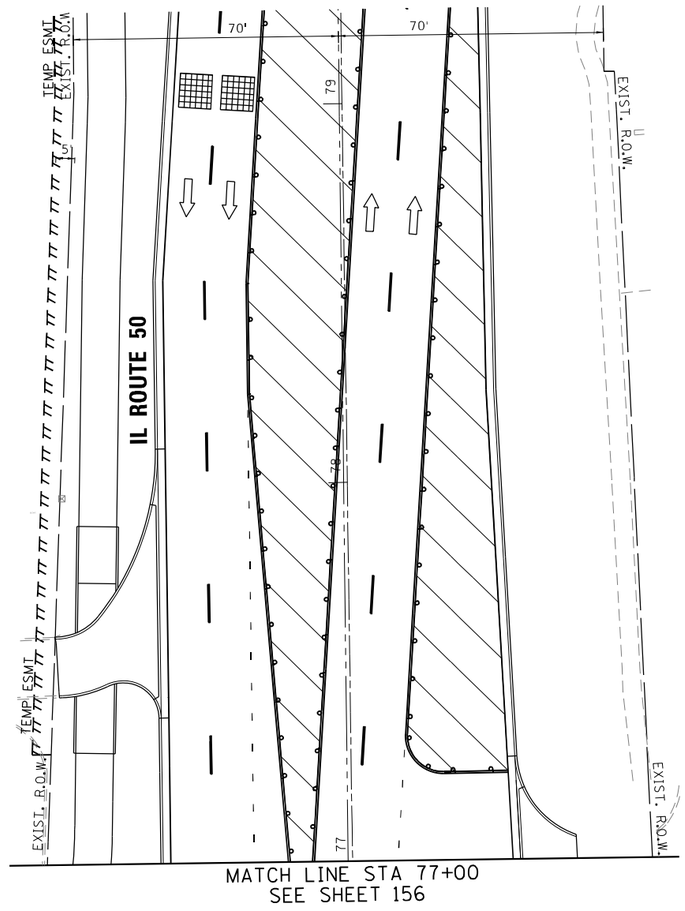
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

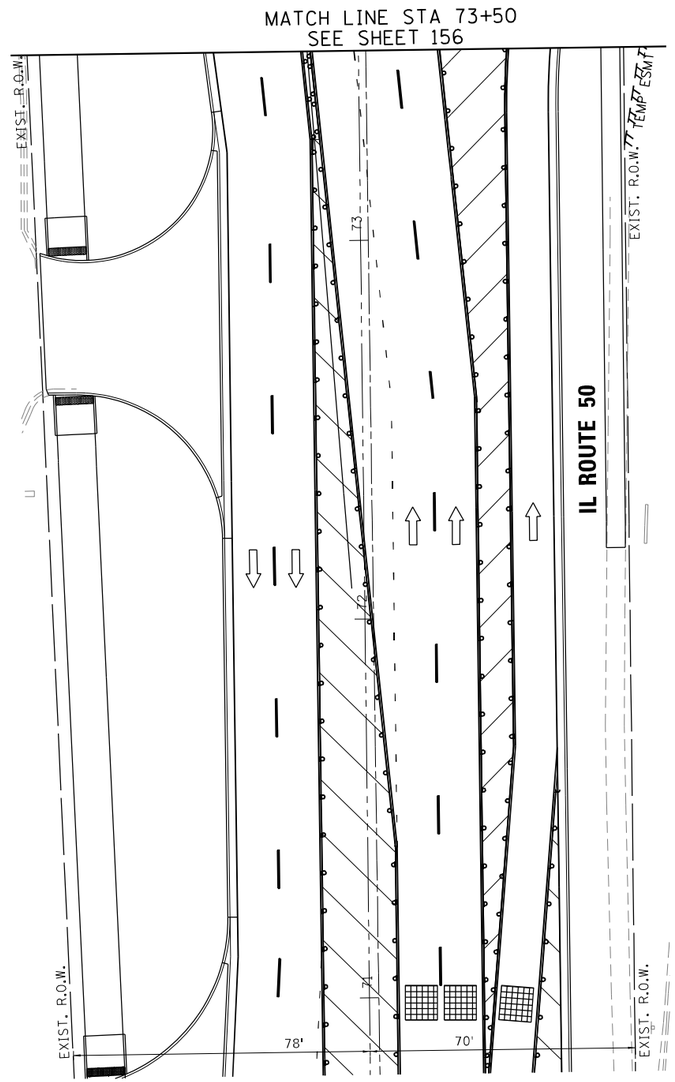
TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN STAGE 3B
US ROUTE 30 (LINCOLN HWY) AT IL ROUTE 50 (CICERO AVE)

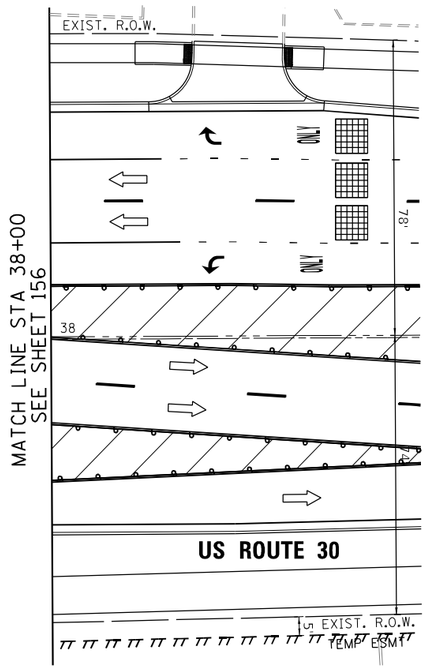
SCALE: 1" = 20' | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	156
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			











STAGE 3B

TS 1355
ECON 54

TS SHT NO. 24

MODEL: Default
FILE NAME: Z:\18-0012-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Traffic Signal\Sheets\SHT_US30ML50_Temporary Traffic Signal - Stage 3b_2.dgn

Peralte-Clark LLC

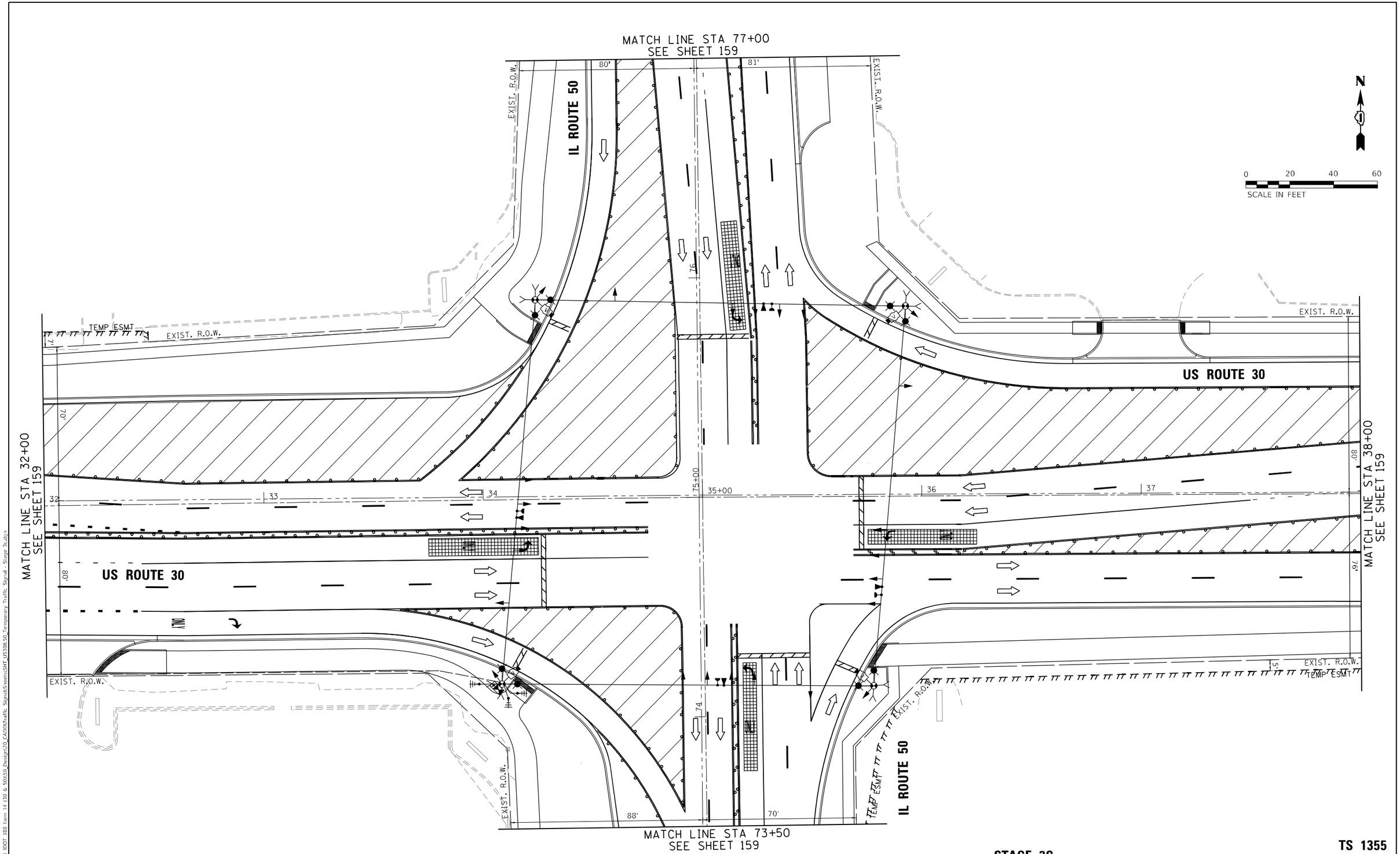
USER NAME = MET	DESIGNED - ASH	REVISED -
	DRAWN - ASH	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - JAC	REVISED -
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN STAGE 3B
US ROUTE 30 (LINCOLN HWY) AT IL ROUTE 50 (CICERO AVE)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	157
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			



STAGE 3C

TS 1355
ECON 54

TS SHT NO. 25

MODEL: Default
FILE NAME: Z:\18-0012-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Traffic Signal\Sheets\SHT_US30IL50_Temporary Traffic Signal - Stage 3c.dgn

Peralte-Clark LLC

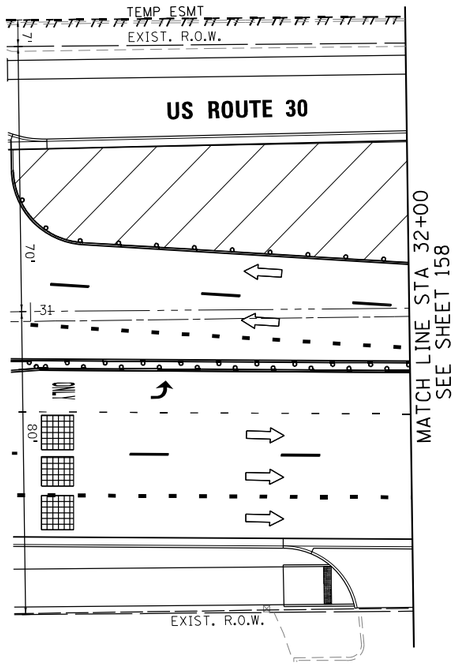
USER NAME = MET	DESIGNED - ASH	REVISED -	
	DRAWN - ASH	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - JAC	REVISED -	
PLOT DATE = 4/27/2023	DATE - 2-28-2023	REVISED -	

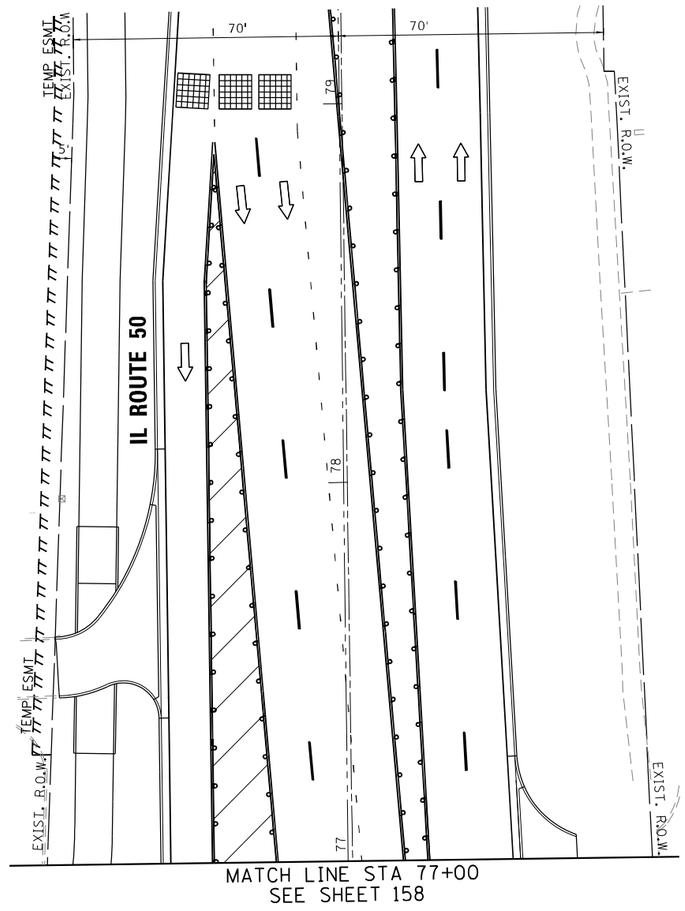
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

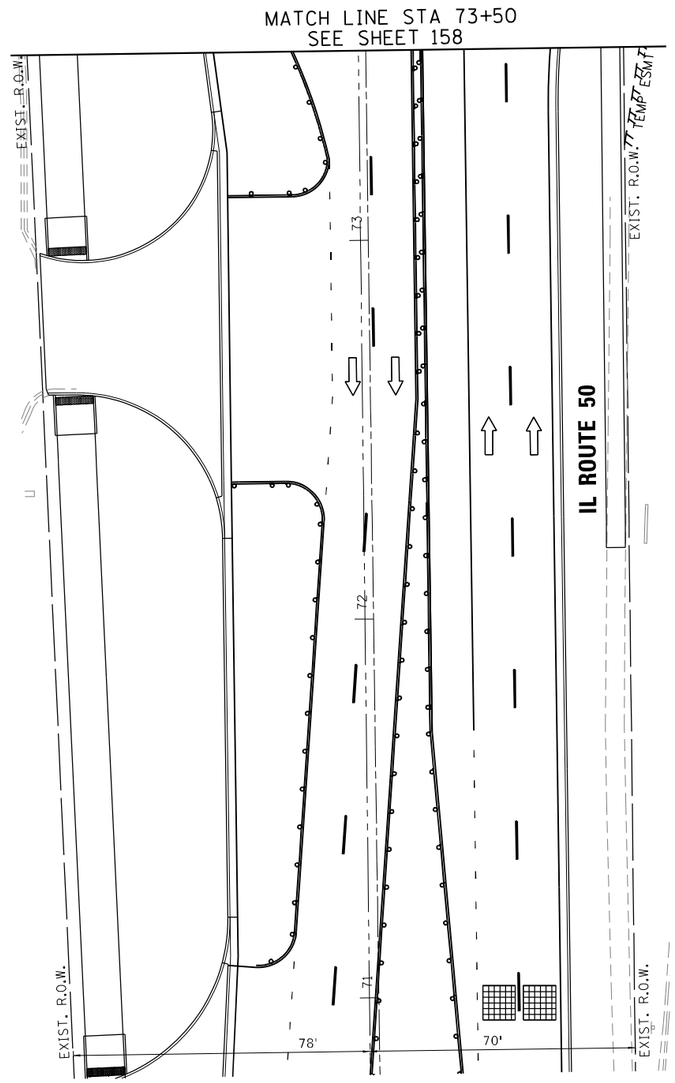
TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN STAGE 3C
US ROUTE 30 (LINCOLN HWY) AT IL ROUTE 50 (CICERO AVE)

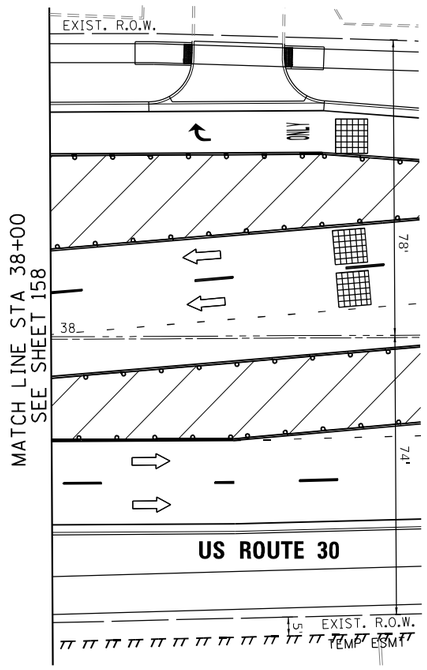
SCALE: 1" = 20' | SHEET OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	158
		CONTRACT NO. 62G38		
		ILLINOIS	FED. AID PROJECT	









N

0 20 40 60
SCALE IN FEET

STAGE 3C

TS 1355
ECON 54

TS SHT NO. 26

MODEL: Default
FILE NAME: Z:\18-00124-01 IDOT 188 Item 14 130 & 50\150_Design\20_CADD\Traffic Signal\Sheets\SHT_US30ML50_Temporary Traffic Signal - Stage 3c_2.dgn

Peralte-Clark LLC

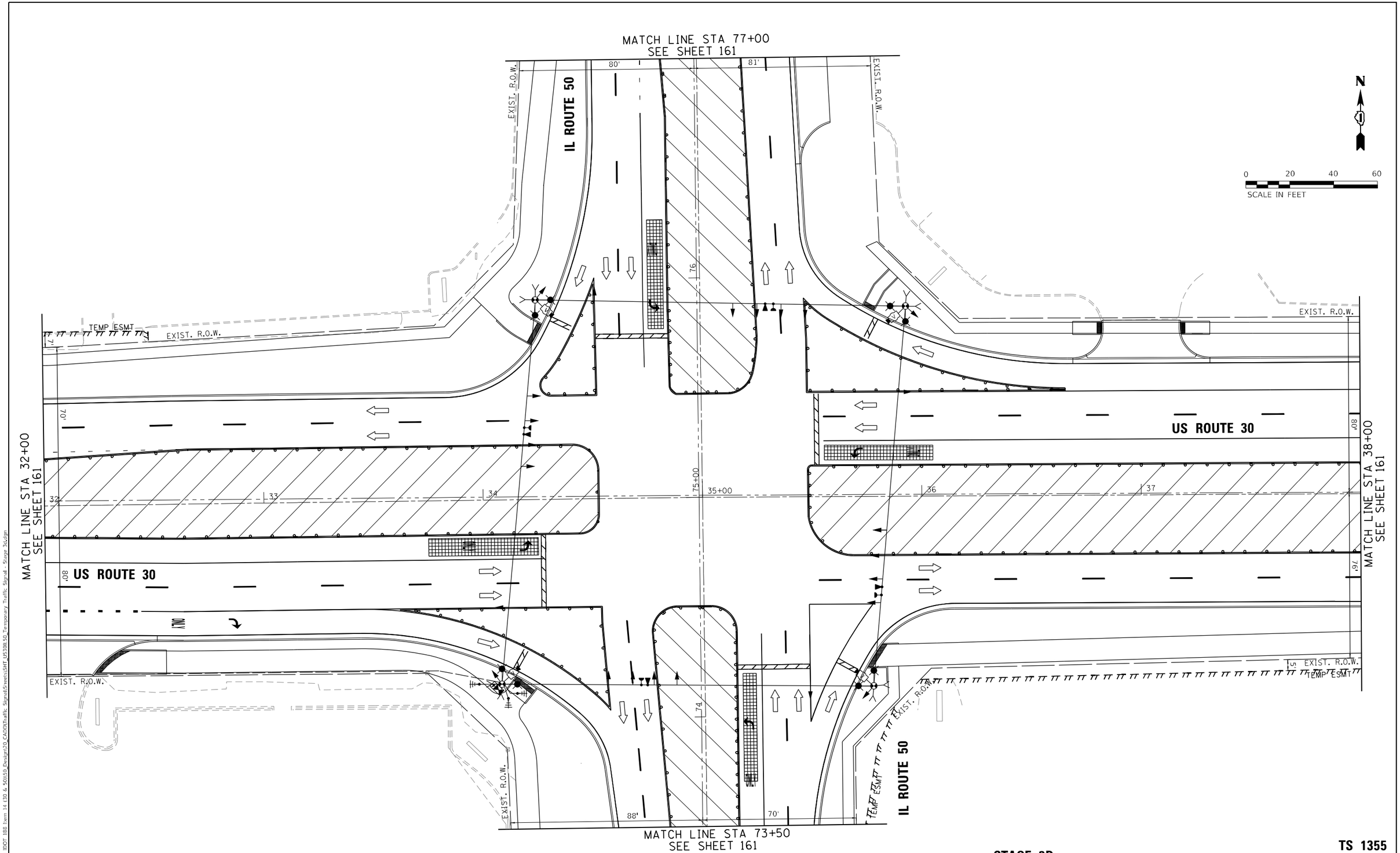
USER NAME = MET	DESIGNED - ASH	REVISED -
	DRAWN - ASH	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - JAC	REVISED -
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN STAGE 3C
US ROUTE 30 (LINCOLN HWY) AT IL ROUTE 50 (CICERO AVE)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	159
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			



STAGE 3D

TS 1355
ECON 54

TS SHT NO. 27

MODEL: Default
FILE NAME: Z:\18-0012-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Traffic Signal\Sheets\SHT_US30IL50_Temporary Traffic Signal - Stage 3d.dgn

Peralte-Clark LLC

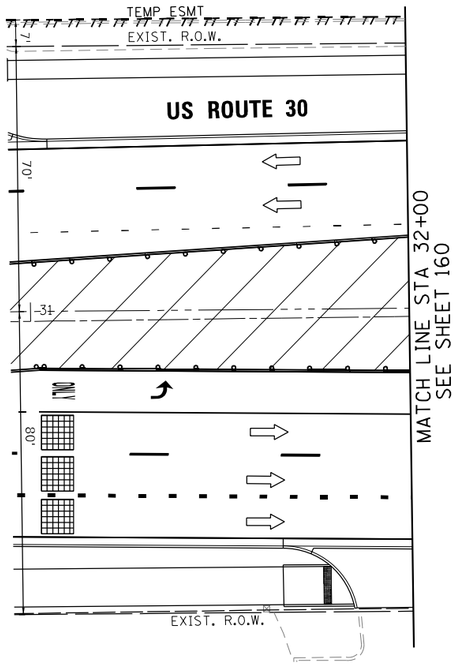
USER NAME = MET	DESIGNED - ASH	REVISED -	
	DRAWN - ASH	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - JAC	REVISED -	
PLOT DATE = 4/27/2023	DATE - 2-28-2023	REVISED -	

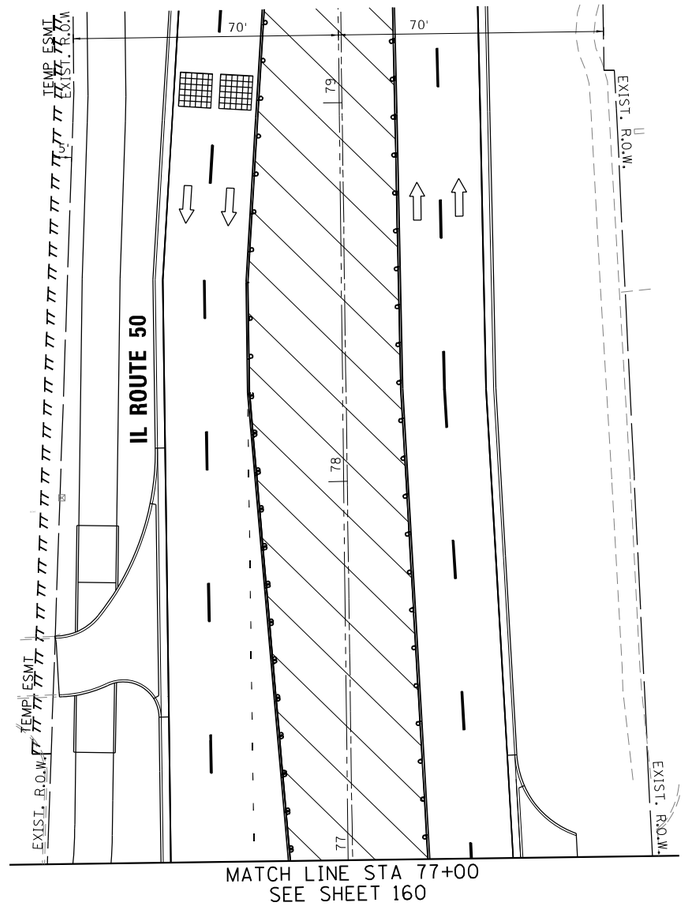
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

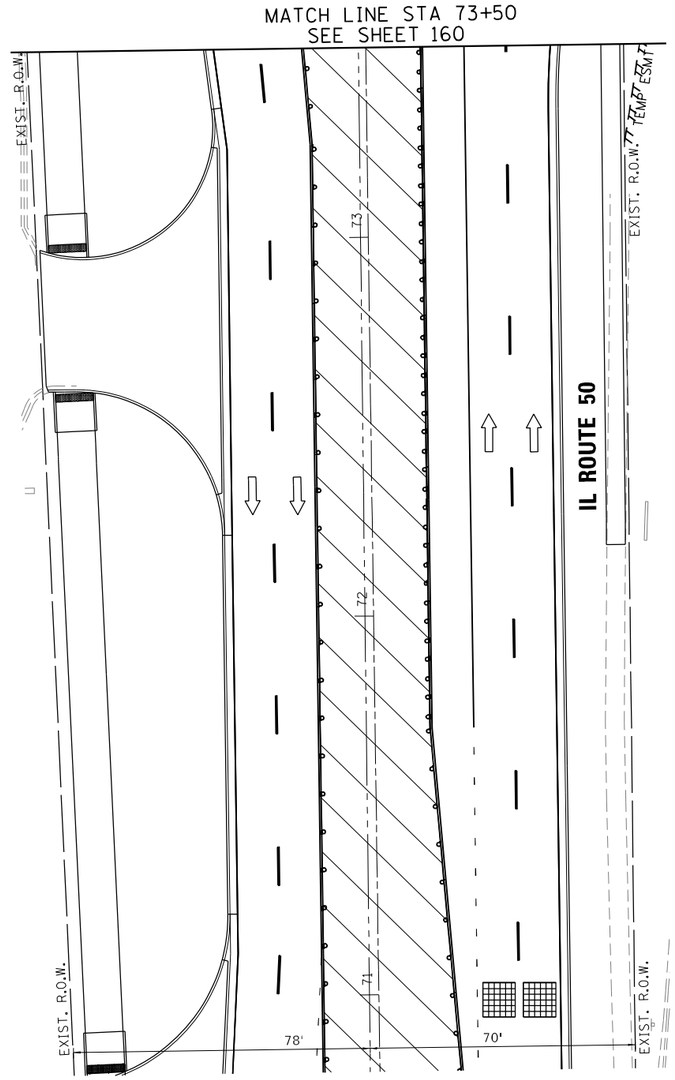
TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN STAGE 3D
US ROUTE 30 (LINCOLN HWY) AT IL ROUTE 50 (CICERO AVE)

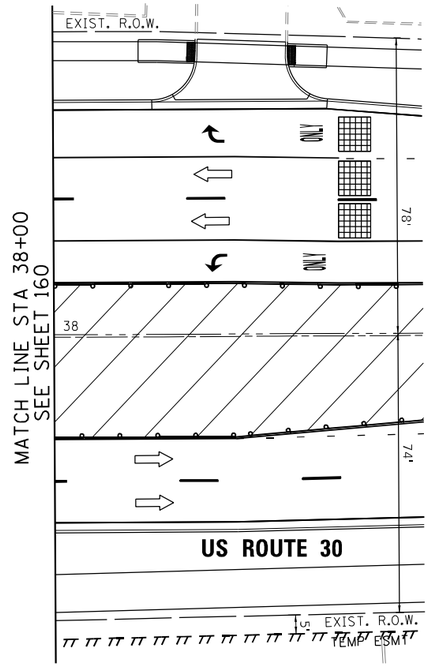
SCALE: 1" = 20' | SHEET OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	160
		CONTRACT NO. 62G38		
		ILLINOIS	FED. AID PROJECT	











STAGE 3D

TS 1355
ECON 54

TS SHT NO. 28

MODEL: Default
FILE NAME: Z:\18-00124-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Traffic Signal\Sheets\SHT_US30ILSQ_Temporary Traffic Signal - Siegel 3d_2.dgn

Peralte-Clark LLC

USER NAME = MET	DESIGNED - ASH	REVISED -
	DRAWN - ASH	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - JAC	REVISED -
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN STAGE 3D
US ROUTE 30 (LINCOLN HWY) AT IL ROUTE 50 (CICERO AVE)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	161
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

MATCH LINE STA 77+00
SEE SHEET 163

IL ROUTE 50

EXIST. R.O.W.

82'

ONLY

N

0 20 40 60
SCALE IN FEET

TEMP ESMT

EXIST. R.O.W.

US ROUTE 30

MATCH LINE STA 32+00
SEE SHEET 163

MATCH LINE STA 38+00
SEE SHEET 163

75+00

35+00

EXIST. R.O.W.

TEMP ESMT

IL ROUTE 50

88'

70'

MATCH LINE STA 73+50
SEE SHEET 163

STAGE 4

TS 1355
ECON 54

TS SHT NO. 29

MODEL: Default
FILE NAME: Z:\18-00124-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Traffic Signal\Sheets\SHT_US30IL50_Temporary Traffic Signal - Stage 4.dgn

Peralte-Clark LLC

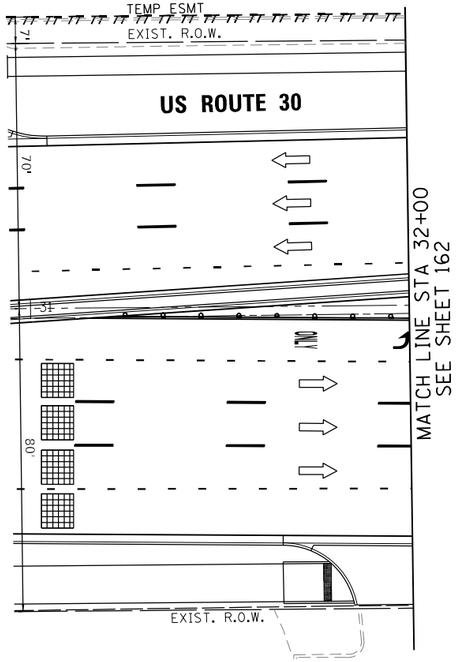
USER NAME = MET	DESIGNED - ASH	REVISED -
	DRAWN - ASH	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - JAC	REVISED -
PLOT DATE = 4/27/2023	DATE - 2-28-2023	REVISED -

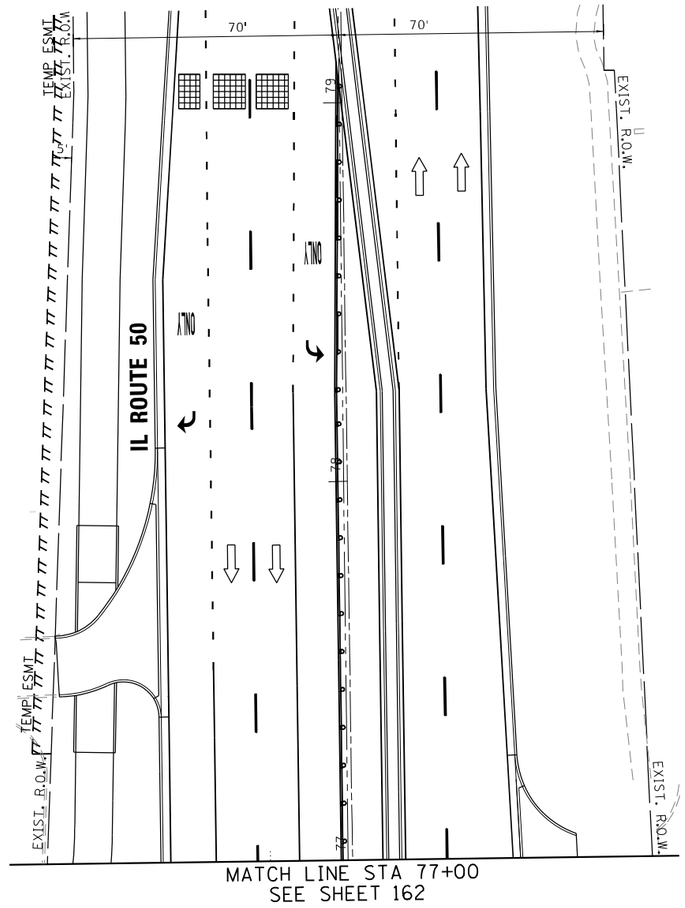
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

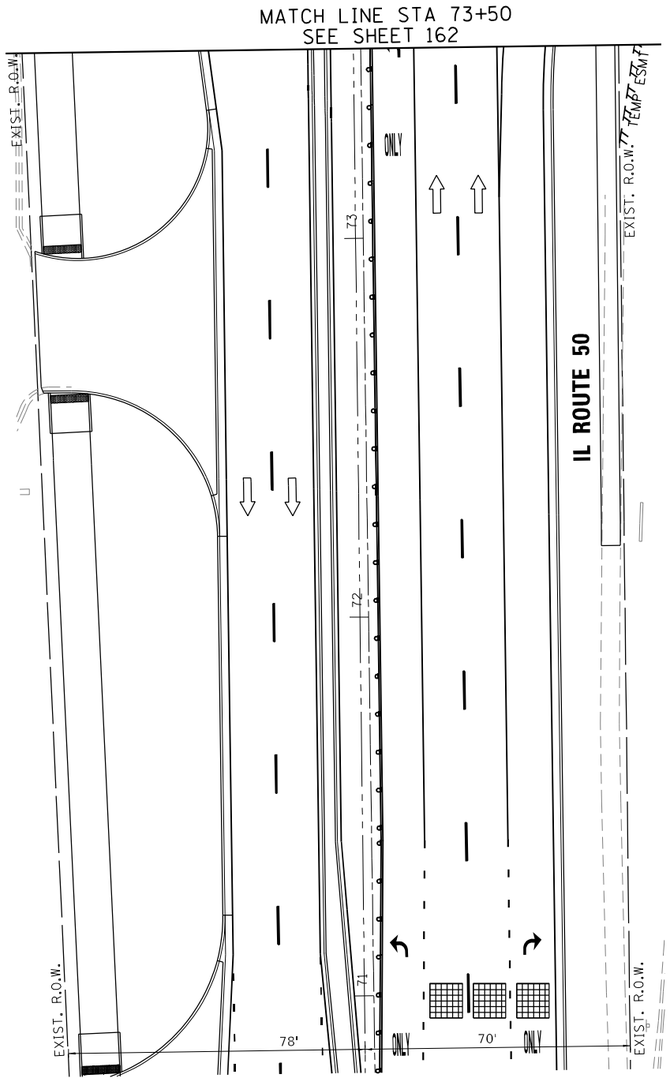
TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN STAGE 4
US ROUTE 30 (LINCOLN HWY) AT IL ROUTE 50 (CICERO AVE)

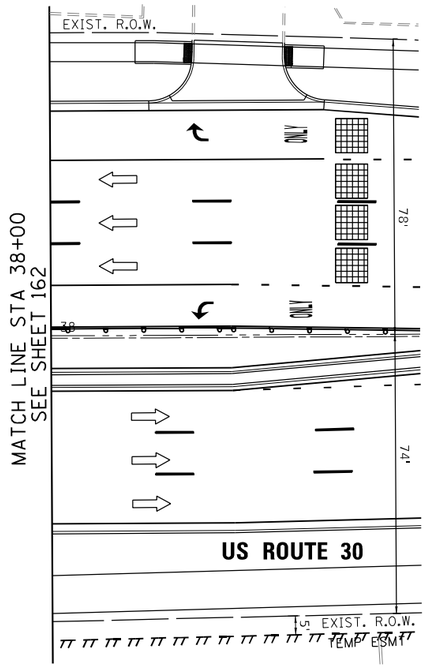
SCALE: 1" = 20' | SHEET OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	162
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			













STAGE 4

TS 1355
ECON 54

TS SHT NO. 30

MODEL: Default
FILE NAME: Z:\18-0012-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CAD\Traffic Signal\Sheets\SHT_US30IL50_Temporary Traffic Signal - Stage 4_2.dgn

Peralte-Clark LLC

USER NAME = MET	DESIGNED - ASH	REVISED -	
	DRAWN - ASH	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - JAC	REVISED -	
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -	

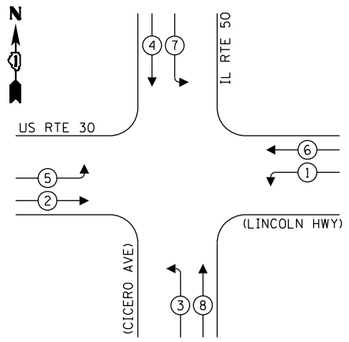
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN STAGE 4
US ROUTE 30 (LINCOLN HWY) AT IL ROUTE 50 (CICERO AVE)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	163
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

TEMPORARY CONTROLLER SEQUENCE

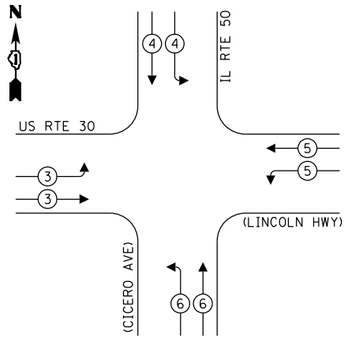


LEGEND:

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

NOTE: IN MOT STAGES 3A, 3B, 3C & 3D, LEFT TURN PHASES 1 AND 5, AND LEFT TURN PHASES 3 AND 7 SHALL BE PROGRAMMED TO OPERATE IN A LEAD/LAG CONFIGURATION TO ALLOW FOR ONLY ONE PROTECTED LEFT TURN MOVEMENT TO OCCUR AT ANY ONE TIME. THIS IS DUE TO THE GEOMETRIC CONSTRAINTS ASSOCIATED WITH OPPOSING LEFT TURN MOVEMENTS DURING THIS PHASE.

TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	24	11	50	132.0
(YELLOW)	24	20	5	24.0
(GREEN)	24	12	45	129.6
PED. SIGNAL	-	20	100	-
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	-	-	-
			TOTAL =	560.6

ENERGY COSTS TO:

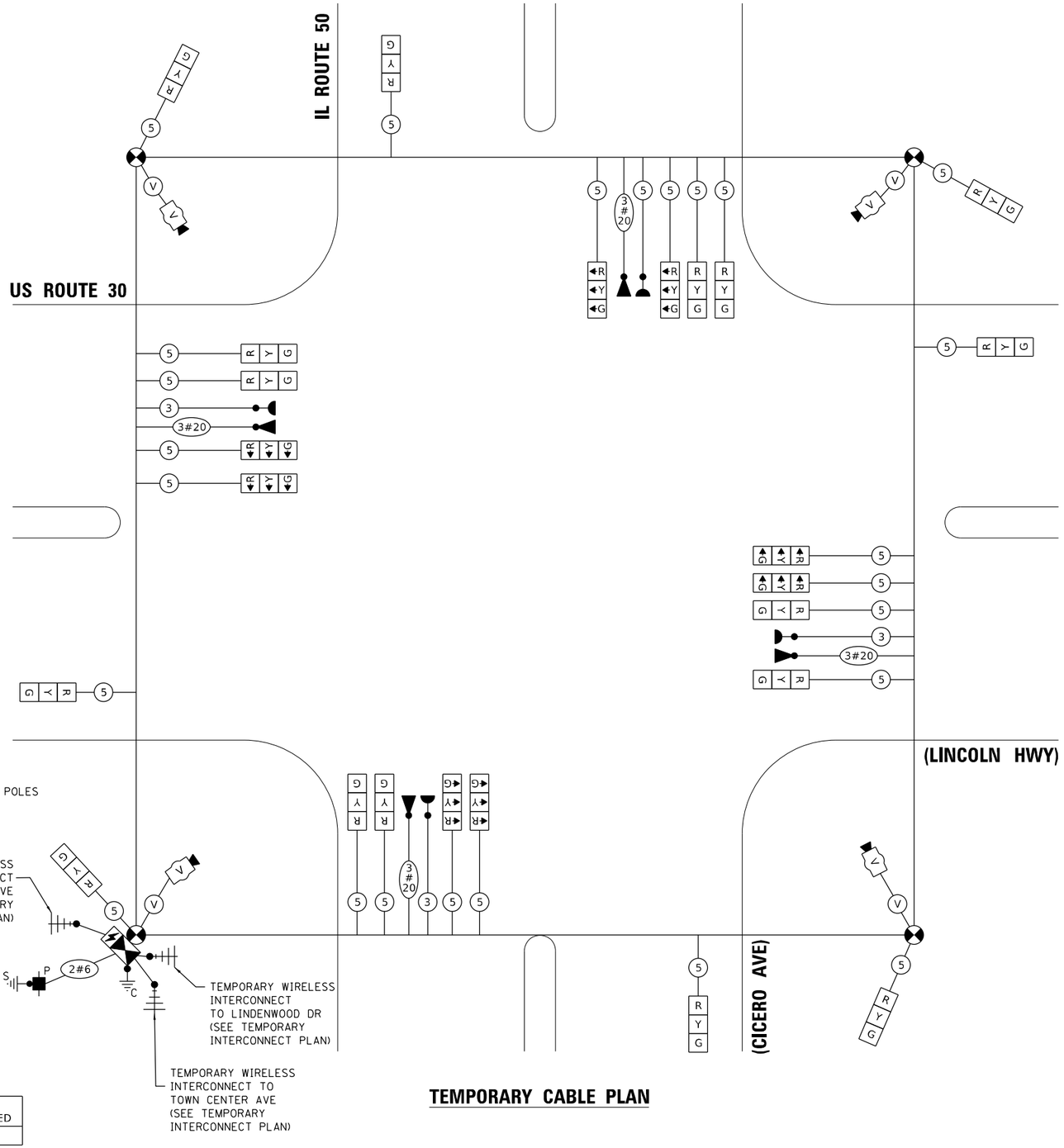
ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS / DISTRICT 1
201 WEST CENTER COURT / SCHAUMBURG, IL 60196-1096
ENERGY SUPPLY: CONTACT: ILYAS MOHIUDDIN
PHONE: (708) 235-2632
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: 59611-64004

NOTE: SERVICE CONNECTION SHALL BE OBTAINED BY RUNNING SERVICE CABLE AERIALLY ALONG THE EXISTING ELECTRIC POLES TO THE PROPOSED SERVICE CONNECTION.

LEFT ON GREEN ARROW ONLY

* NEEDED IN-BETWEEN 3-SECTION LEFT TURN HEADS AT EACH LEG

SIGN NUMBER	DIMENSIONS (IN X IN)	AREA (SQ FT)	SIGN PANEL TYPE	QTY REQUIRED
R10-5	24 X 30	5	1	4



TEMPORARY CABLE PLAN

TS 1355
ECON 54

TS SHT NO. 31

MODEL: Default
FILE NAME: Z:\18-00124-01 IDOT I88 Item 14 I30 & I50\I50_Design\20_CADD\Traffic Signal\Sheets\SHT_US30ML50_Temporary Traffic Signal Schematic.dgn

Peralte-Clark LLC

USER NAME = MET	DESIGNED - ASH	REVISED -	
	DRAWN - ASH	REVISED -	
PLOT SCALE = 40.2189 ' / in.	CHECKED - JAC	REVISED -	
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

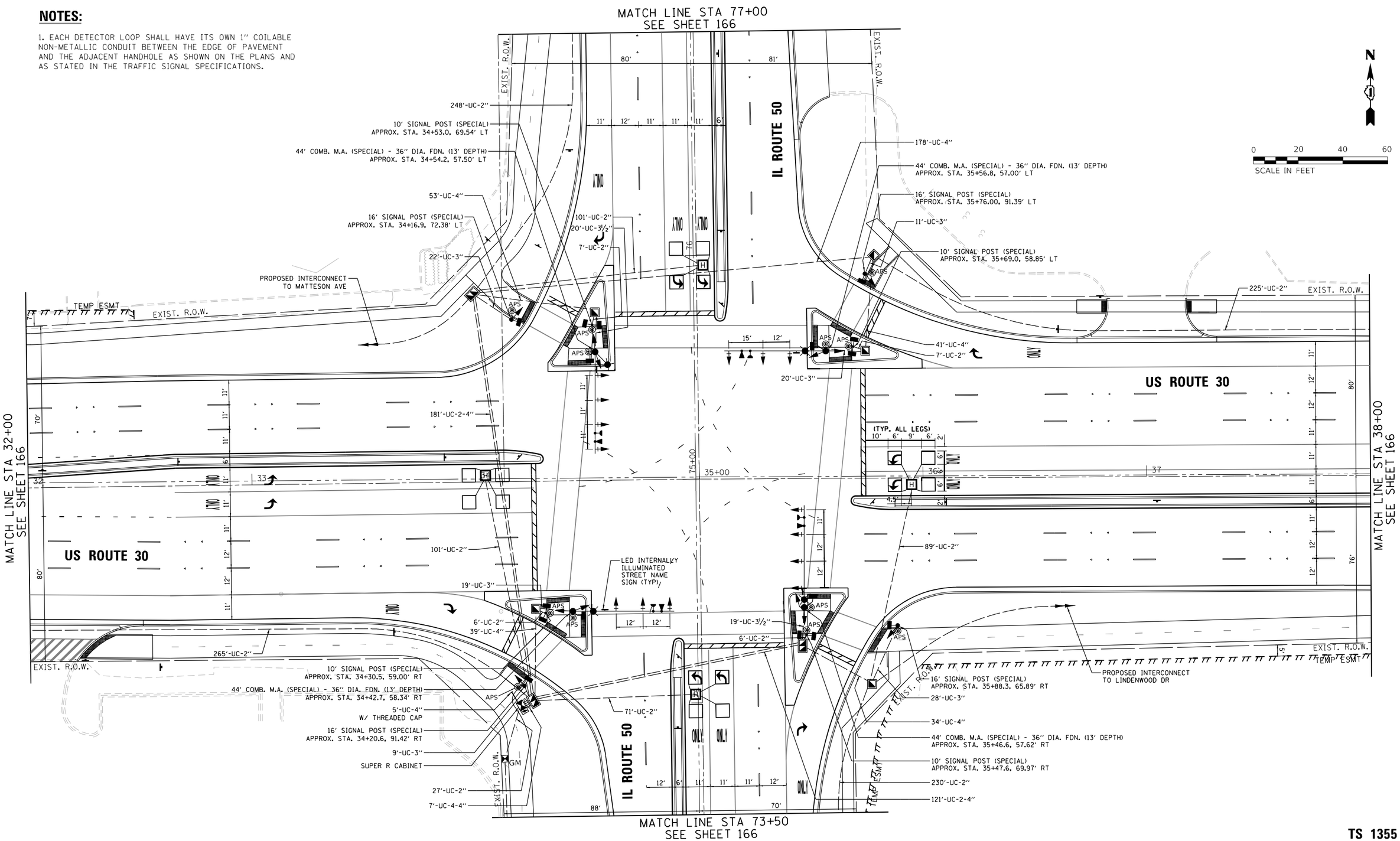
TEMPORARY CABLE PLAN, PHASE DESIGNATION DIAGRAM AND EMERGENCY VEHICLE PREEMPTION SEQUENCE

SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	164
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			

NOTES:

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



TS 1355
ECON 54

TS SHT NO. 32

MODEL: Default
FILE NAME: Z:\18-0012-01 IDOT 188 Item 14 130 & 50\150_Design\20_CADD\Traffic Signal\Sheets\SHT_US30IL50_Traffic Signal Modernization Plan.dgn

Peralte-Clark LLC

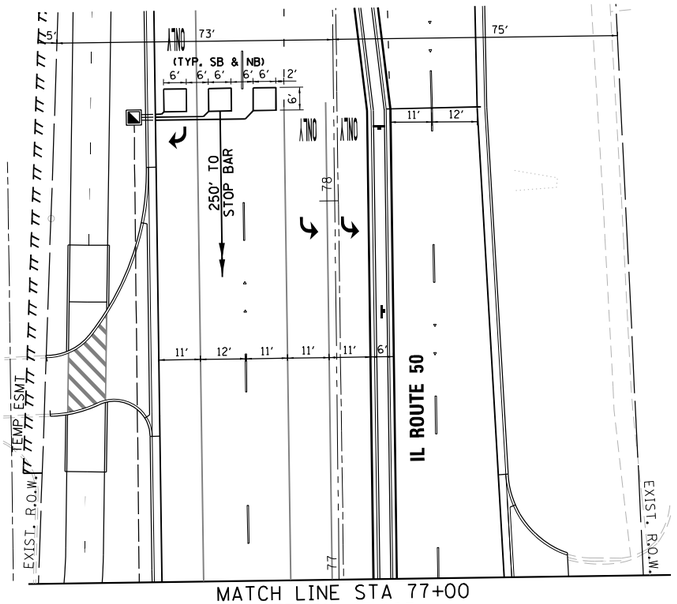
USER NAME = MET	DESIGNED - ASH	REVISED -	
	DRAWN - ASH	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - JAC	REVISED -	
PLOT DATE = 4/27/2023	DATE - 2-28-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

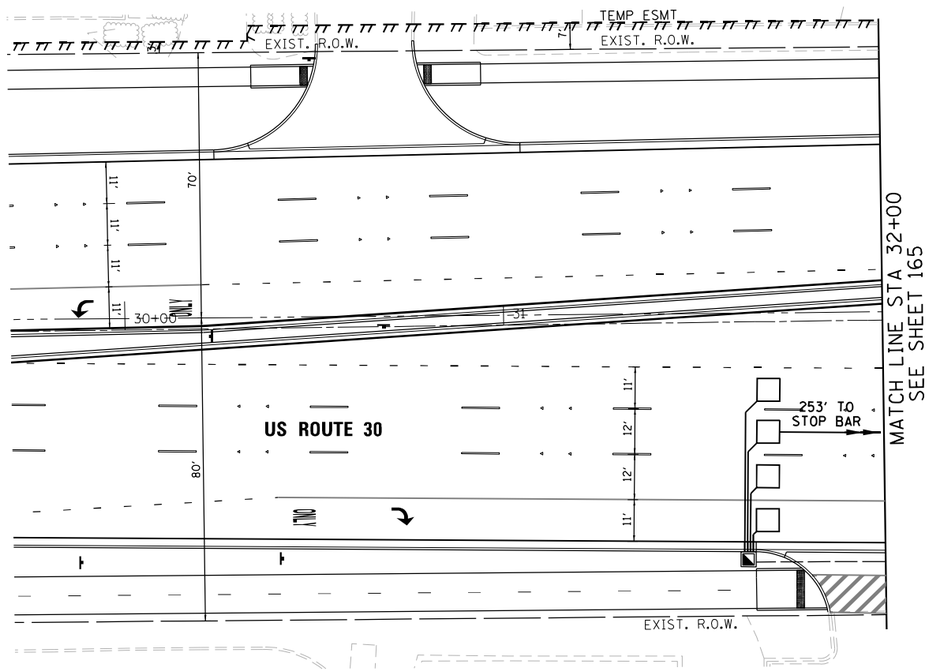
TRAFFIC SIGNAL MODERNIZATION PLAN
US ROUTE 30 (LINCOLN HWY) AT IL ROUTE 50 (CICERO AVE)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	165
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

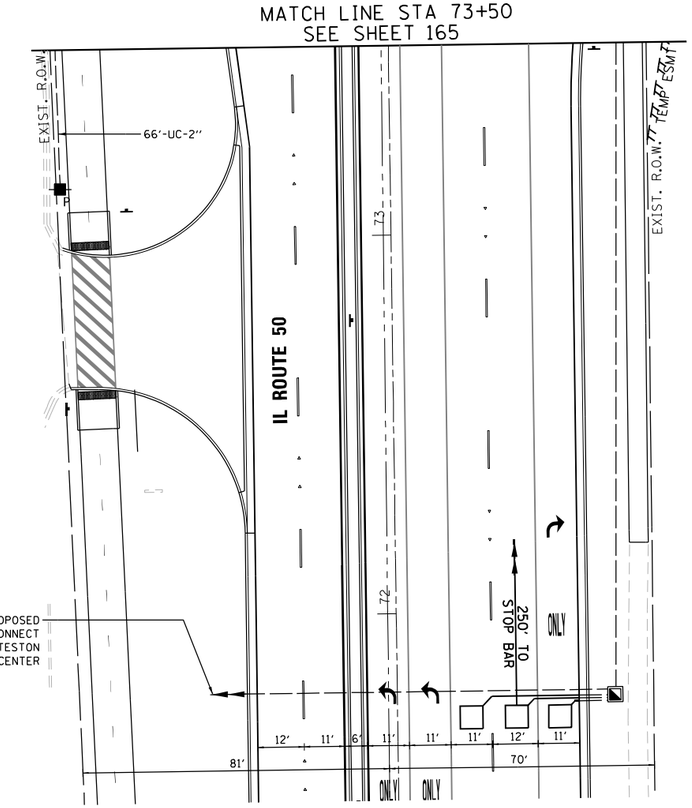


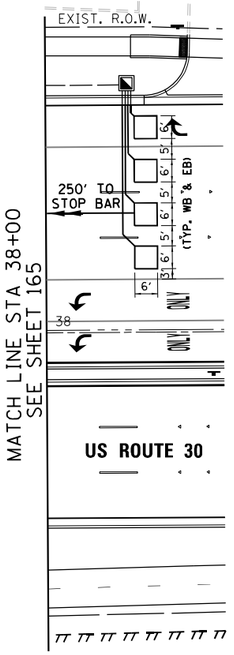
MATCH LINE STA 77+00
SEE SHEET 165



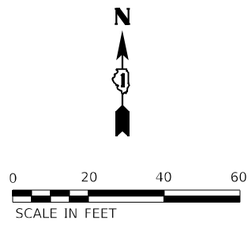
MATCH LINE STA 32+00
SEE SHEET 165

MATCH LINE STA 73+50
SEE SHEET 165





MATCH LINE STA 38+00
SEE SHEET 165



TS SHT NO. 33

MODEL: Default
FILE NAME: Z:\18-0012-01 IDOT 188 Item 14 130 & 50\50_Design\20_CADD\Traffic Signal\Sheets\SHT_US30IL50_Traffic Signal Modernization Plan_2.dgn

Peralte-Clark LLC

USER NAME = MET	DESIGNED - ASH	REVISED -
	DRAWN - ASH	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - JAC	REVISED -
PLOT DATE = 4/4/2023	DATE - 02-28-2023	REVISED -

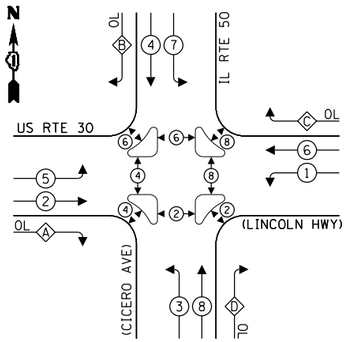
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODERNIZATION PLAN
US ROUTE 30 (LINCOLN HWY) AT IL ROUTE 50 (CICERO AVE)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	166
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

PROPOSED CONTROLLER SEQUENCE

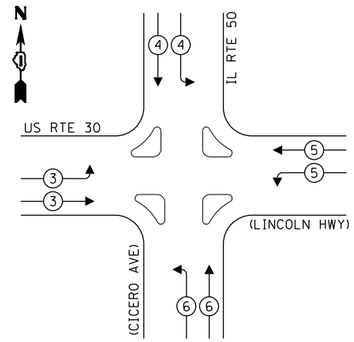


LEGEND:

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

OVERLAP LETTER		PERMISSIVE PHASE		PROTECTED PHASE
A	=	2	+	3
B	=	4	+	5
C	=	6	+	7
D	=	8	+	1

PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



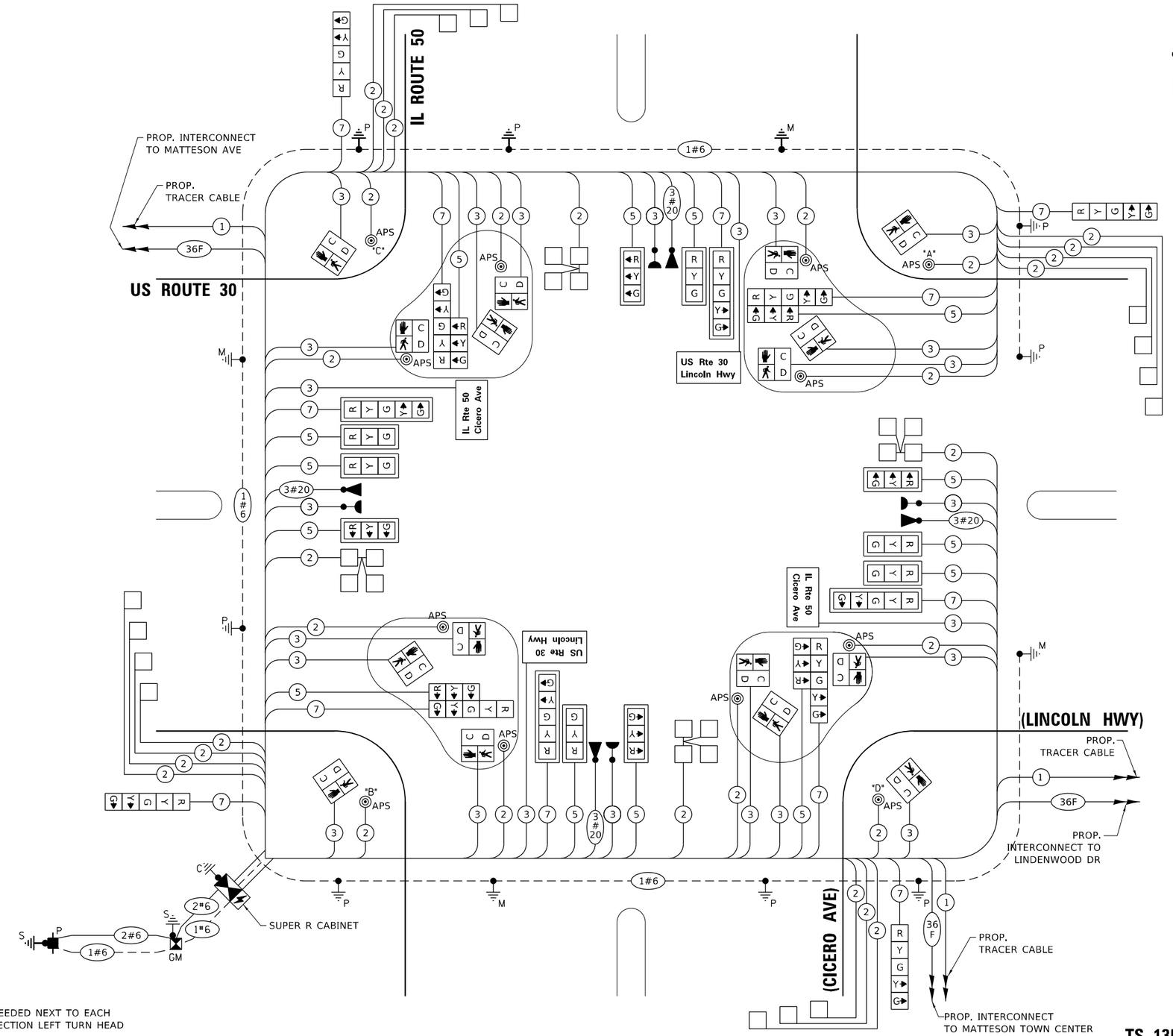
TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	26	11	50	143.0
(YELLOW)	26	20	5	26.0
(GREEN)	26	12	45	140.4
PERMISSIVE ARROW	24	10	10	24.0
PED. SIGNAL	16	20	100	320.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	150	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	4	120	50	240.0
LUMINAIRE	-	-	-	-
			TOTAL =	1018.4

ENERGY COSTS TO:

ILLINOIS DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS / DISTRICT 1
201 WEST CENTER COURT / SCHAUMBURG, IL 60196-1096

ENERGY SUPPLY: CONTACT: ILYAS MAKIUDDIN
PHONE: (708) 235-2632
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: 02210-45049



LEFT ON GREEN ARROW ONLY

* NEEDED NEXT TO EACH 3-SECTION LEFT TURN HEAD

SIGN NUMBER	DIMENSIONS (IN X IN)	AREA (SQ FT)	SIGN PANEL TYPE	QTY REQUIRED
R10-5	24 X 30	5	1	8

TS 1355
ECON 54

TS SHT NO. 34

MODEL: Default
FILE NAME: Z:\18-00124-01 IDOT 188 Item 14 430 & 450\50_Design\20_CADD\Traffic Signal\Sheets\SHT_US30IL50_Traffic Signal Schematic.dgn

Peralte-Clark LLC

USER NAME = MET	DESIGNED - ASH	REVISED -	
	DRAWN - ASH	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - JAC	REVISED -	
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

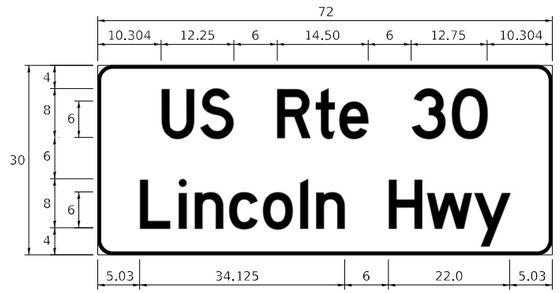
CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
US ROUTE 30 AND IL ROUTE 50

SHEET OF SHEETS STA. TO STA.

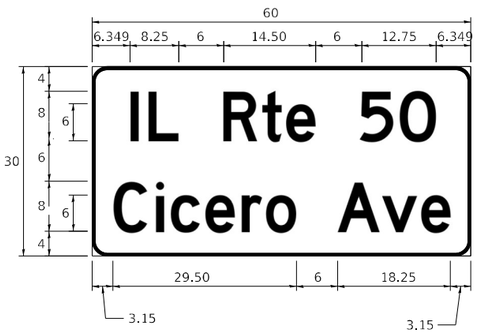
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	167
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			

LED SIGN PANEL – TYPE 2

ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY REQUIRED
D	15	LED	ZZ	2



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY REQUIRED
D	12.5	LED	ZZ	2

NOTE:
1. FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION PLEASE SEE DISTRICT ONE MAST ARM MOUNTED STREET NAME SIGNS DETAIL.
2. LED SIGNS ARE TO BE DOUBLE SIDED.

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY
SIGN PANEL - TYPE 1	SQ FT	40
REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	4
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	1449
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	111
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3 1/2" DIA.	FOOT	39
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	981
HANDHOLE	EACH	9
HEAVY-DUTY HANDHOLE	EACH	4
DOUBLE HANDHOLE	EACH	3
TRANSCEIVER - FIBER OPTIC	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	3174
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	5544
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	4260
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	3301
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	7539
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	110
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1061
CONCRETE FOUNDATION, TYPE A	FOOT	16
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	52
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	10
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	8
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	4
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	16
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	14
INDUCTIVE LOOP DETECTOR	EACH	18
DETECTOR LOOP, TYPE I	FOOT	1053
LIGHT DETECTOR	EACH	4
LIGHT DETECTOR AMPLIFIER	EACH	1
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	20
REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	6
EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	1303
LED INTERNALLY ILLUMINATED STREET NAME SIGN	EACH	4
FULL-ACTUATED CONTROLLER AND TYPE SUPER R CABINET (SPECIAL)	EACH	1
SERVICE INSTALLATION - GROUND MOUNTED, METERED	EACH	1
TRAFFIC SIGNAL POST, 10 FOOT, (SPECIAL)	EACH	4
TRAFFIC SIGNAL POST, 16 FOOT, (SPECIAL)	EACH	4
ELECTRIC CABLE IN CONDUIT, STREET NAME SIGN, NO. 14 3C, TYPE SOOW	FOOT	1181
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	12
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE, 44 FT. (SPECIAL)	EACH	4
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	16
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1

TS SHT NO. 35

MODEL: Default
FILE NAME: 23-18-0012-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Traffic Signal\Streets\SHT_US30IL50_Street Name Signs & Schedule of Quantities.dgn

TS 1355
ECON 54

Peralte-Clark LLC

USER NAME = MET	DESIGNED - ASH	REVISED -
	DRAWN - ASH	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - JAC	REVISED -
PLOT DATE = 4/4/2023	DATE - 02-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAST ARM MOUNTED STREET NAME SIGNS AND SCHEDULE OF QUANTITIES
US ROUTE 30 AND IL ROUTE 50

SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	168
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

REMOVAL AND RELOCATION NOTES:

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

1	EACH	CONTROLLER AND CABINET (COMPLETE)
1	EACH	SERVICE INSTALLATION
4	EACH	STEEL MAST ARM ASSEMBLY AND POLE
2	EACH	TRAFFIC SIGNAL POST
4	EACH	3-SECTION SIGNAL HEAD
12	EACH	5-SECTION SIGNAL HEAD
12	EACH	TRAFFIC SIGNAL BACKPLATE

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND RETURNED TO THE VILLAGE OF MATTESON:

2	EACH	LIGHT DETECTOR
1	EACH	LIGHT DETECTOR AMPLIFIER

N

0 20 40 60
SCALE IN FEET

US ROUTE 30

MATCH LINE STA 25+50
SEE BELOW

MATTESON AVE

TEMPORARY WIRELESS INTERCONNECT
TO IL ROUTE 50
(SEE TEMPORARY INTERCONNECT PLAN)

TEMP ESMT

EXISTING INTERCONNECT
TO IL ROUTE 50

EXIST. R.O.W.

RMF

RPF

RCF

25+00 26 28 29 30+00 31

US ROUTE 30

MATCH LINE STA 25+50
SEE ABOVE

MATTESON AVE

US ROUTE 30

EXIST. R.O.W.

EXIST.

TEMP ESMT

PRE-STAGE

TS 11345
ECON 54

TS SHT NO. 36

MODEL: Default
FILE NAME: Z:\18-00132-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Traffic Signal\Sheets\SHT_MattesonAve_RemovalA.dgn

Peralte-Clark LLC

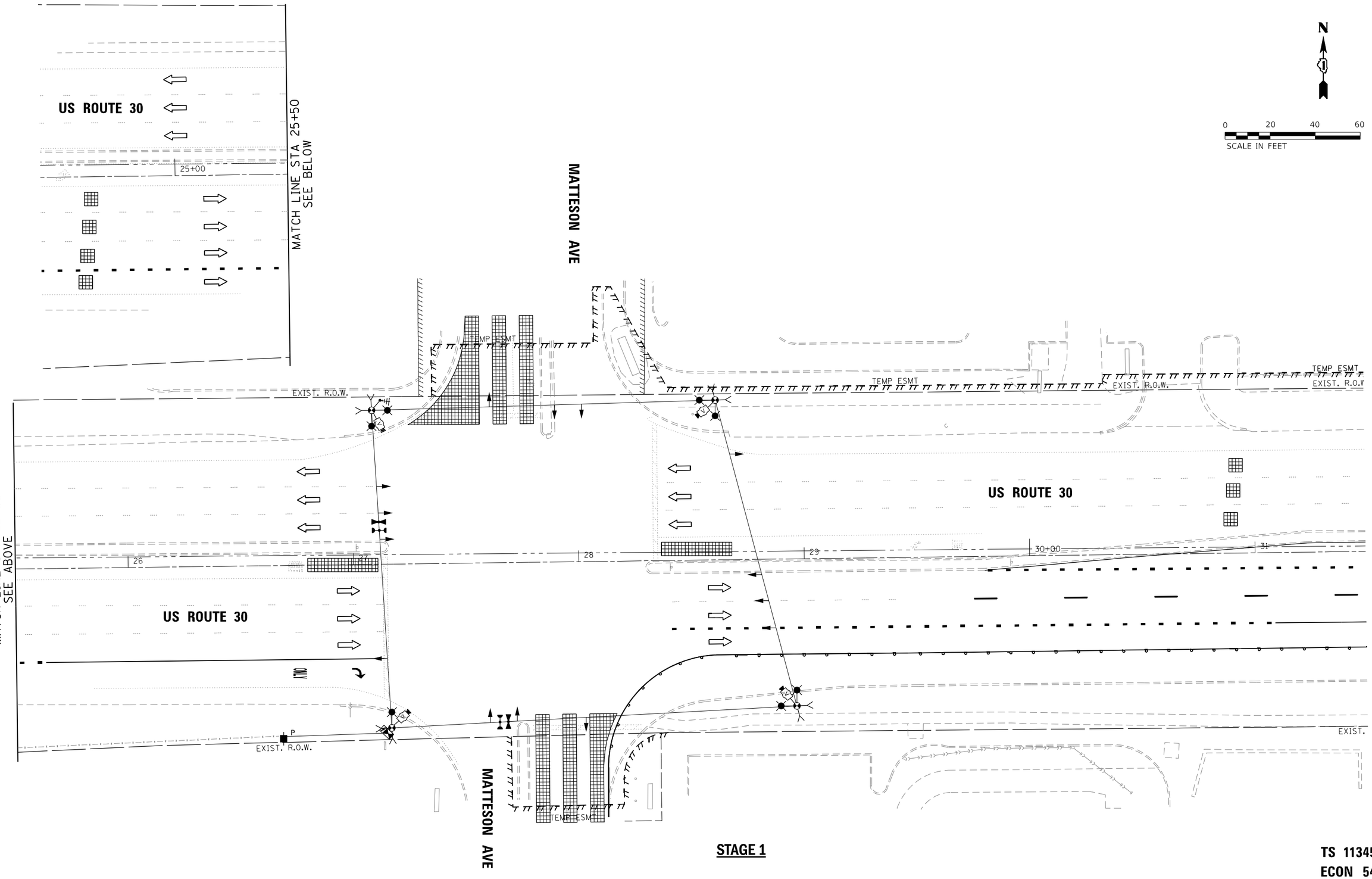
USER NAME = MET		DESIGNED - ASH		REVISED -	
		DRAWN - ASH		REVISED -	
PLOT SCALE = 40.0000 ' / in.		CHECKED - JAC		REVISED -	
PLOT DATE = 4/27/2023		DATE - 2-28-2023		REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN
US ROUTE 30 AND MATTESON AVE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	169
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		



STAGE 1

TS 11345
ECON 54

TS SHT NO. 37

MODEL: Default
FILE NAME: Z:\18-00127-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Traffic Signal\Sheets\SHT_MattesonAve_Stage 1.dgn

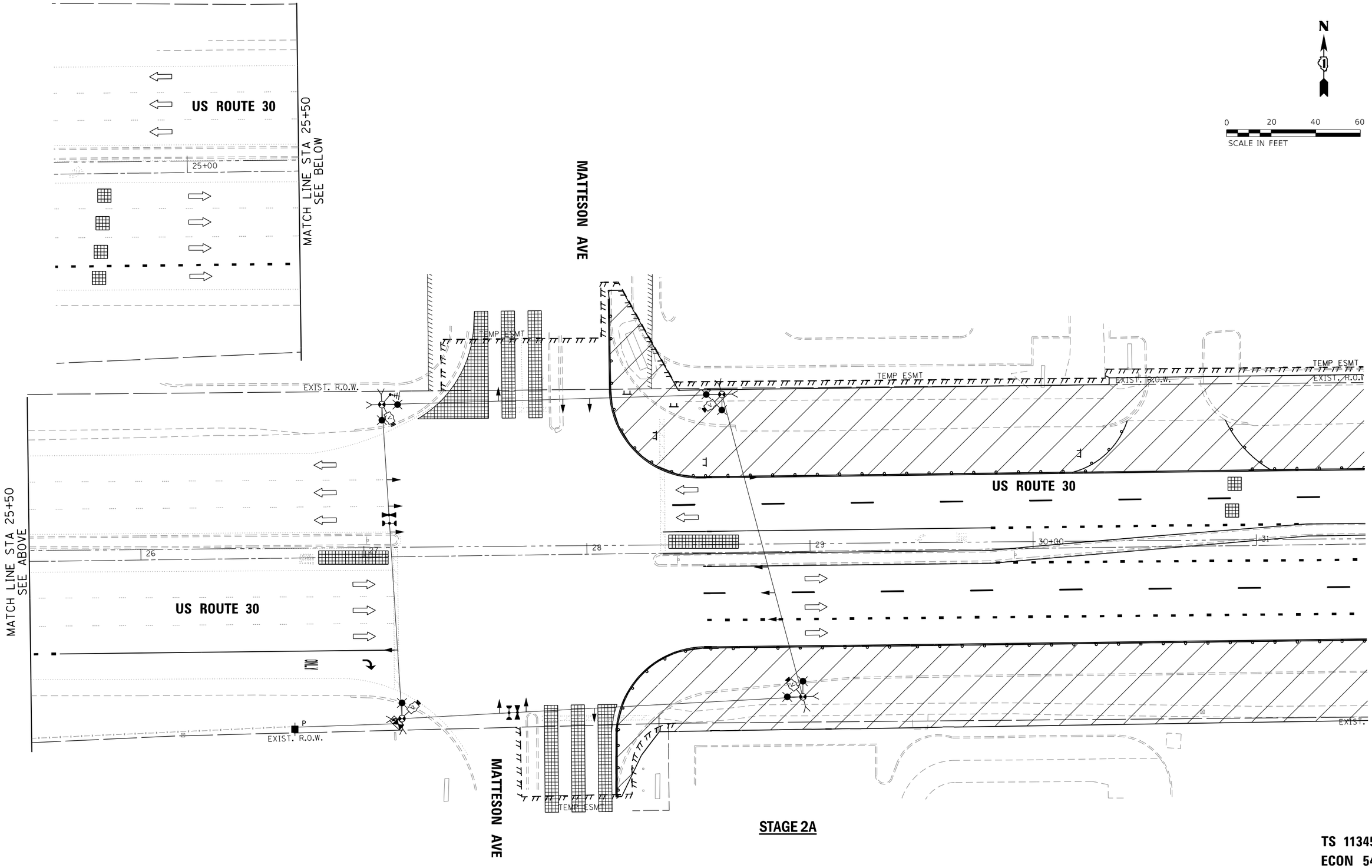
Peralte-Clark LLC	USER NAME = MET	DESIGNED - ASH	REVISED -
		DRAWN - ASH	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED - JAC	REVISED -
	PLOT DATE = 4/27/2023	DATE - 2-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL PLAN STAGE 1
US ROUTE 30 AND MATTESON AVE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	170
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		



STAGE 2A

TS 11345
ECON 54

TS SHT NO. 38

MODEL: Default
FILE NAME: Z:\18-00124-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Traffic Signal\Sheets\SHT_MattesonAve_Sarge 2A.dgn

Peralte-Clark LLC

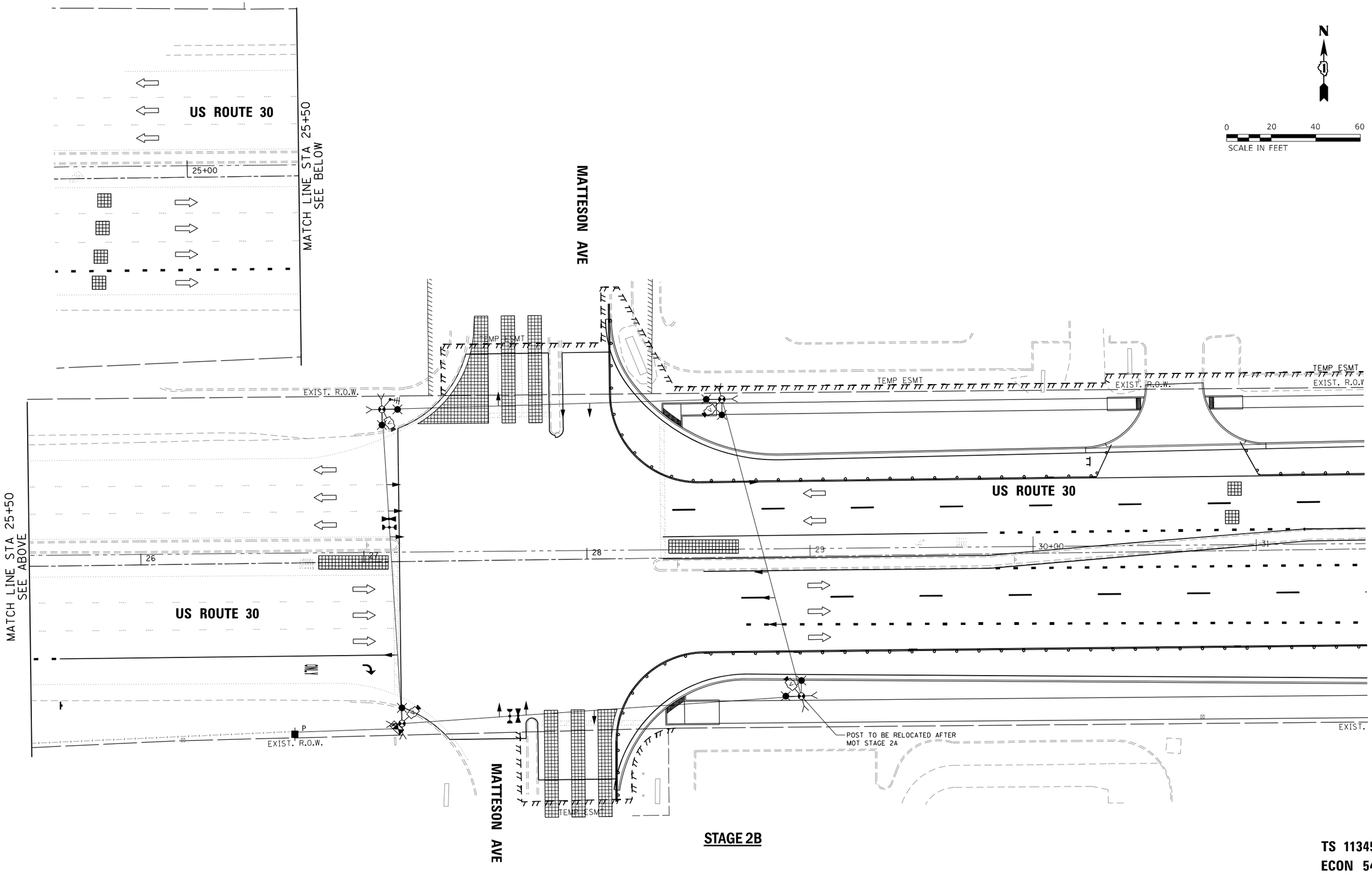
USER NAME = MET	DESIGNED - ASH	REVISED -	
	DRAWN - ASH	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - JAC	REVISED -	
PLOT DATE = 4/27/2023	DATE - 2-28-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL PLAN STAGE 2A
US ROUTE 30 AND MATTESON AVE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	171
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			



STAGE 2B

TS 11345
ECON 54

TS SHT NO. 39

MODEL: Default
FILE NAME: 22\18-00124-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Traffic Signal\Sheets\SHT_MattesonAve_Stage 2B.dgn

Peralte-Clark LLC

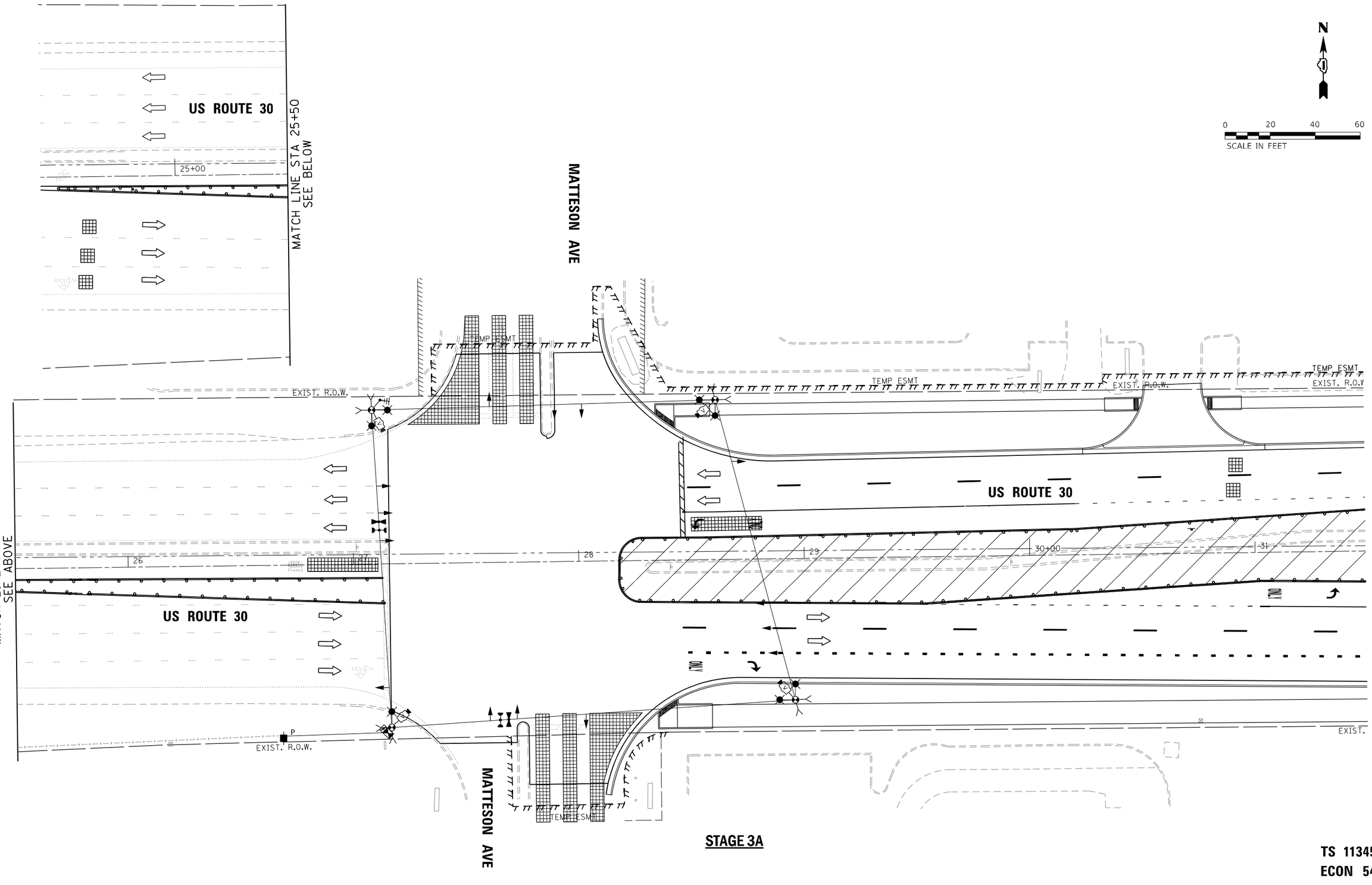
USER NAME = MET	DESIGNED - ASH	REVISED -
	DRAWN - ASH	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - JAC	REVISED -
PLOT DATE = 4/27/2023	DATE - 2-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL PLAN STAGE 2B
US ROUTE 30 AND MATTESON AVE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	172
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		



STAGE 3A

TS 11345
ECON 54

TS SHT NO. 40

MODEL: Default
FILE NAME: Z:\18-00124-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Traffic_Signal\Sheets\SHT_MattesonAve_Stage 3a.dgn

Peralte-Clark LLC

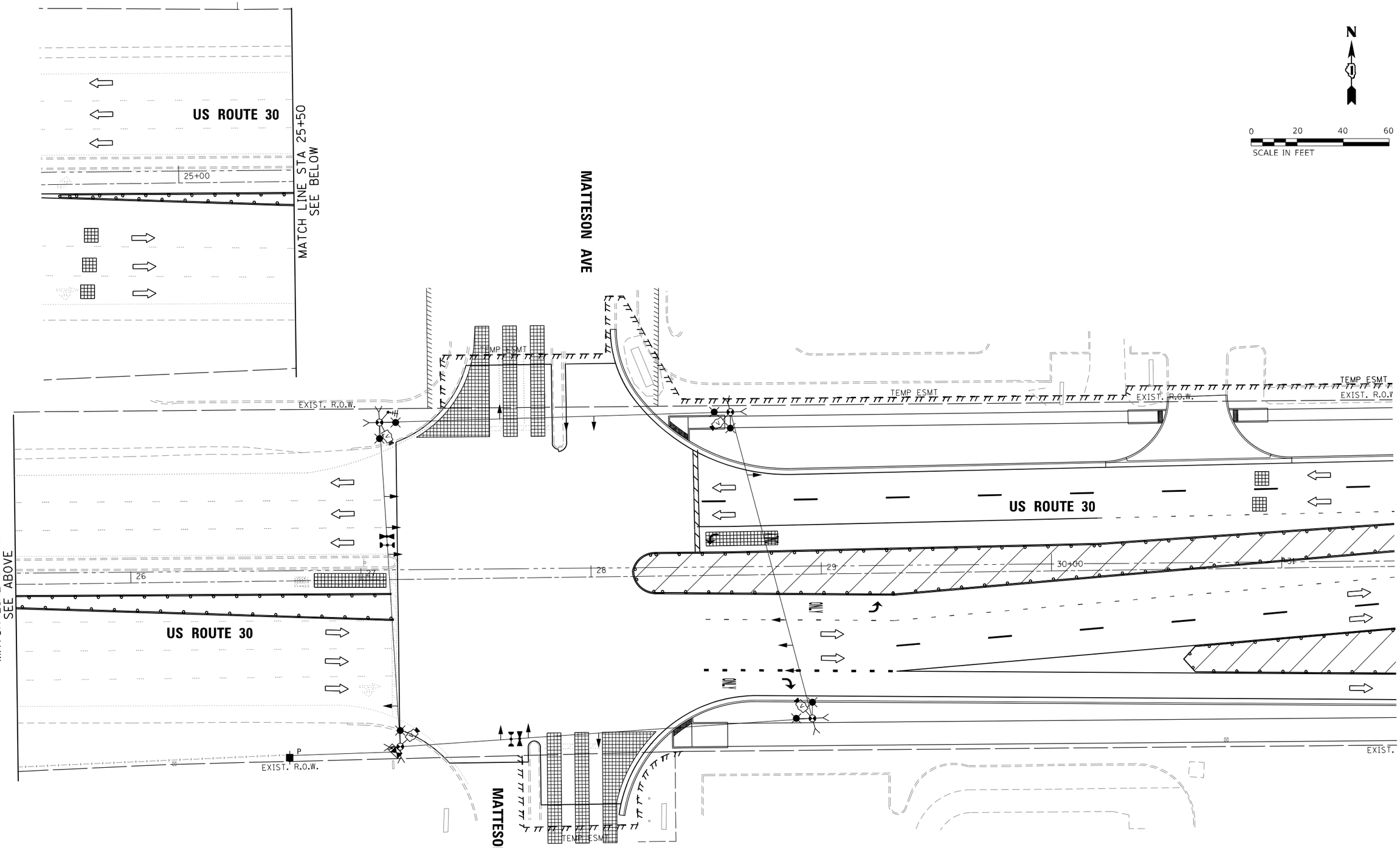
USER NAME = MET	DESIGNED - ASH	REVISED -
	DRAWN - ASH	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - JAC	REVISED -
PLOT DATE = 4/27/2023	DATE - 2-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL PLAN STAGE 3A
US ROUTE 30 AND MATTESON AVE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	173
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			



STAGE 3B

TS 11345
ECON 54

TS SHT NO. 41

MODEL: Default
FILE NAME: Z:\18-0012-01 IDOT 188 Item 14 130 & 501\50_Design\20_CADD\Traffic Signal\Sheets\SHT_MattesonAve_Stage 3b.dgn

Peralte-Clark LLC

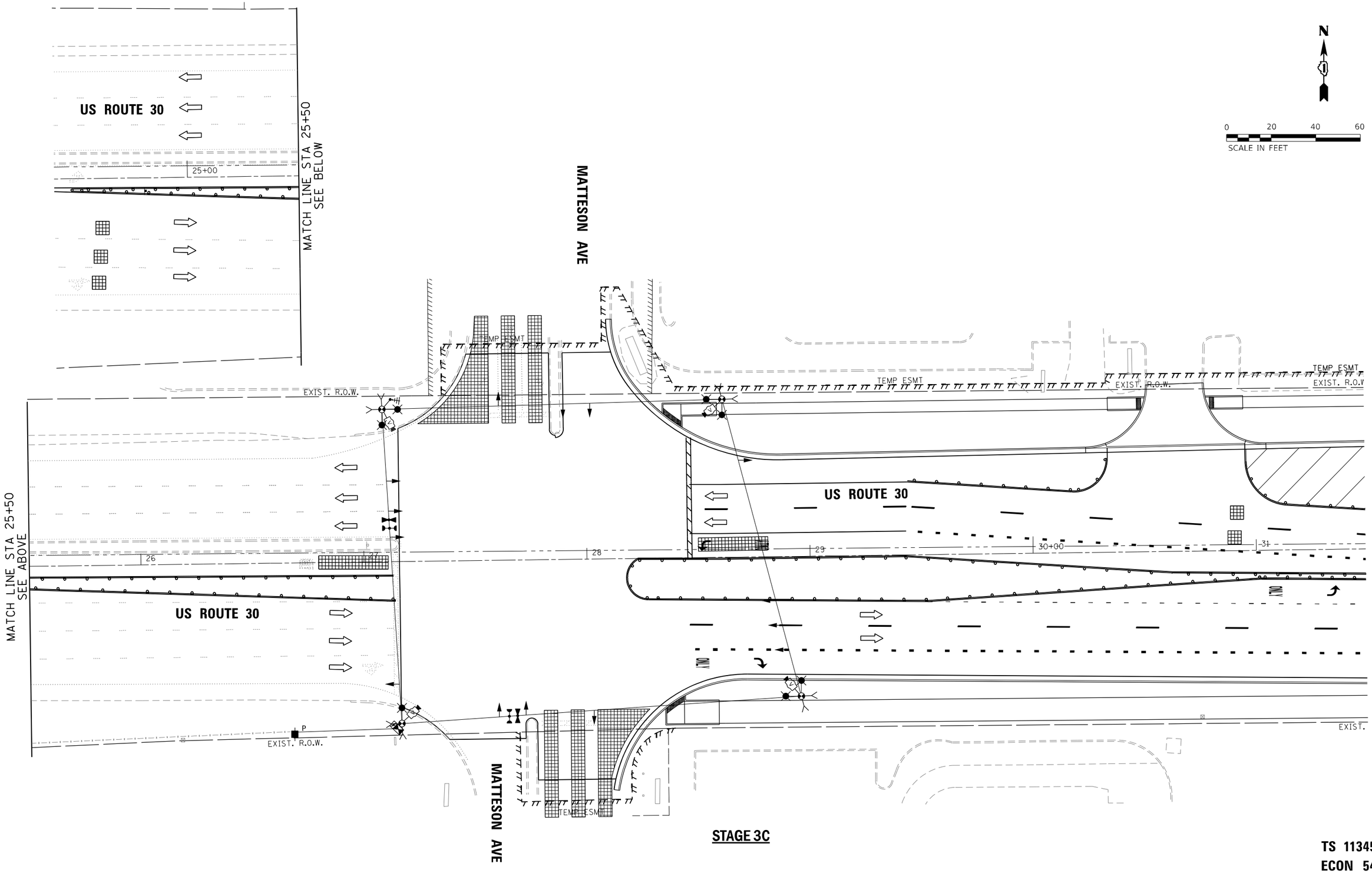
USER NAME = MET	DESIGNED - ASH	REVISED -
	DRAWN - ASH	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - JAC	REVISED -
PLOT DATE = 4/27/2023	DATE - 2-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL PLAN STAGE 3B
US ROUTE 30 AND MATTESON AVE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	174
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			



STAGE 3C

TS 11345
ECON 54

TS SHT NO. 42

MODEL: Default
FILE NAME: Z:\18-00124-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Traffic Signal\Sheets\SHT_MattesonAve_Stage 3c.dgn

Peralte-Clark LLC

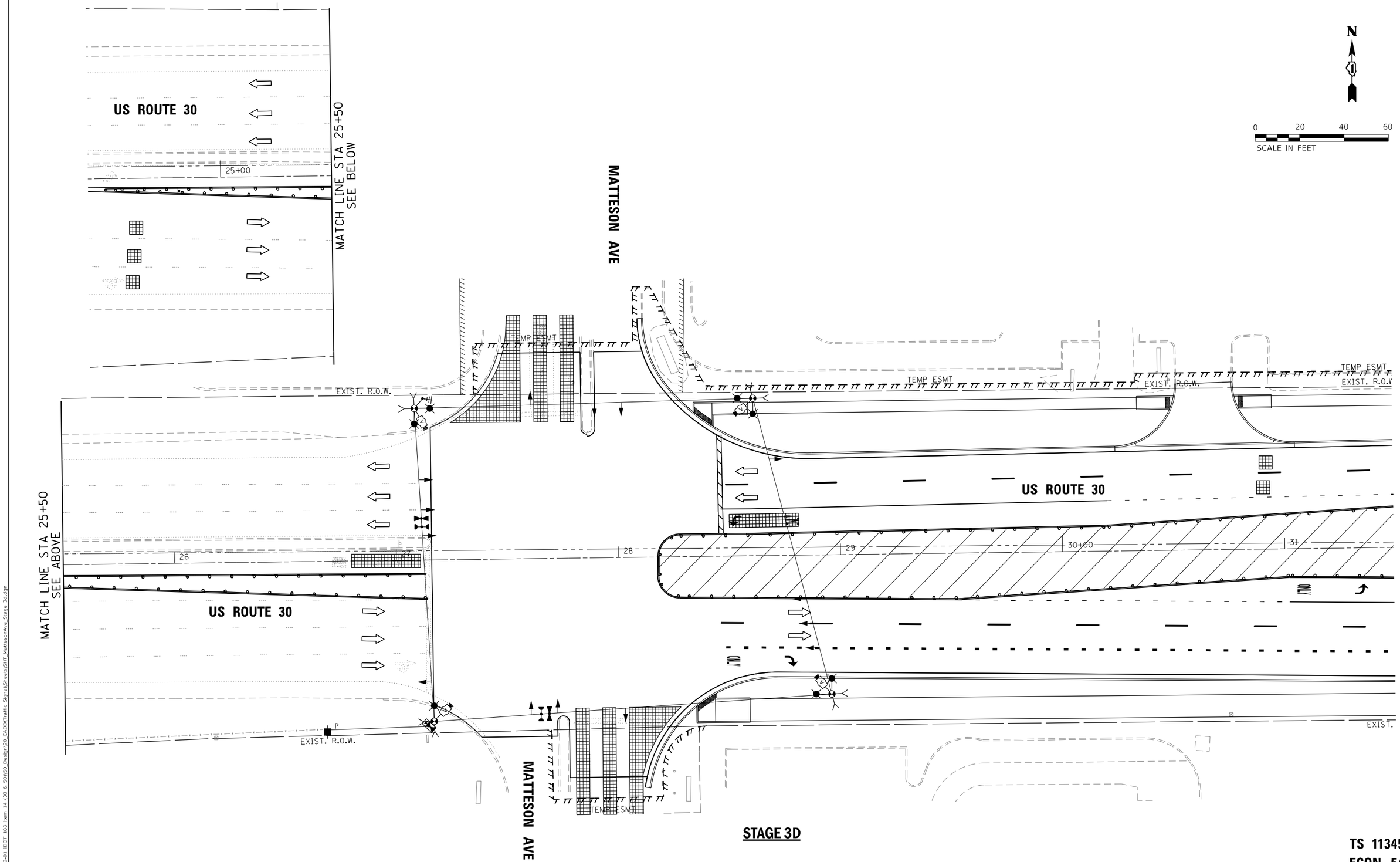
USER NAME = MET	DESIGNED - ASH	REVISED -
	DRAWN - ASH	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - JAC	REVISED -
PLOT DATE = 4/27/2023	DATE - 2-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL PLAN STAGE 3C
US ROUTE 30 AND MATTESON AVE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	175
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			



STAGE 3D

TS 11345
ECON 54

TS SHT NO. 43

MODEL: Default
FILE NAME: Z:\18-00124-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Traffic Signal\Sheets\SHT_MattesonAve_Stage 3d.dgn

Peralte-Clark LLC

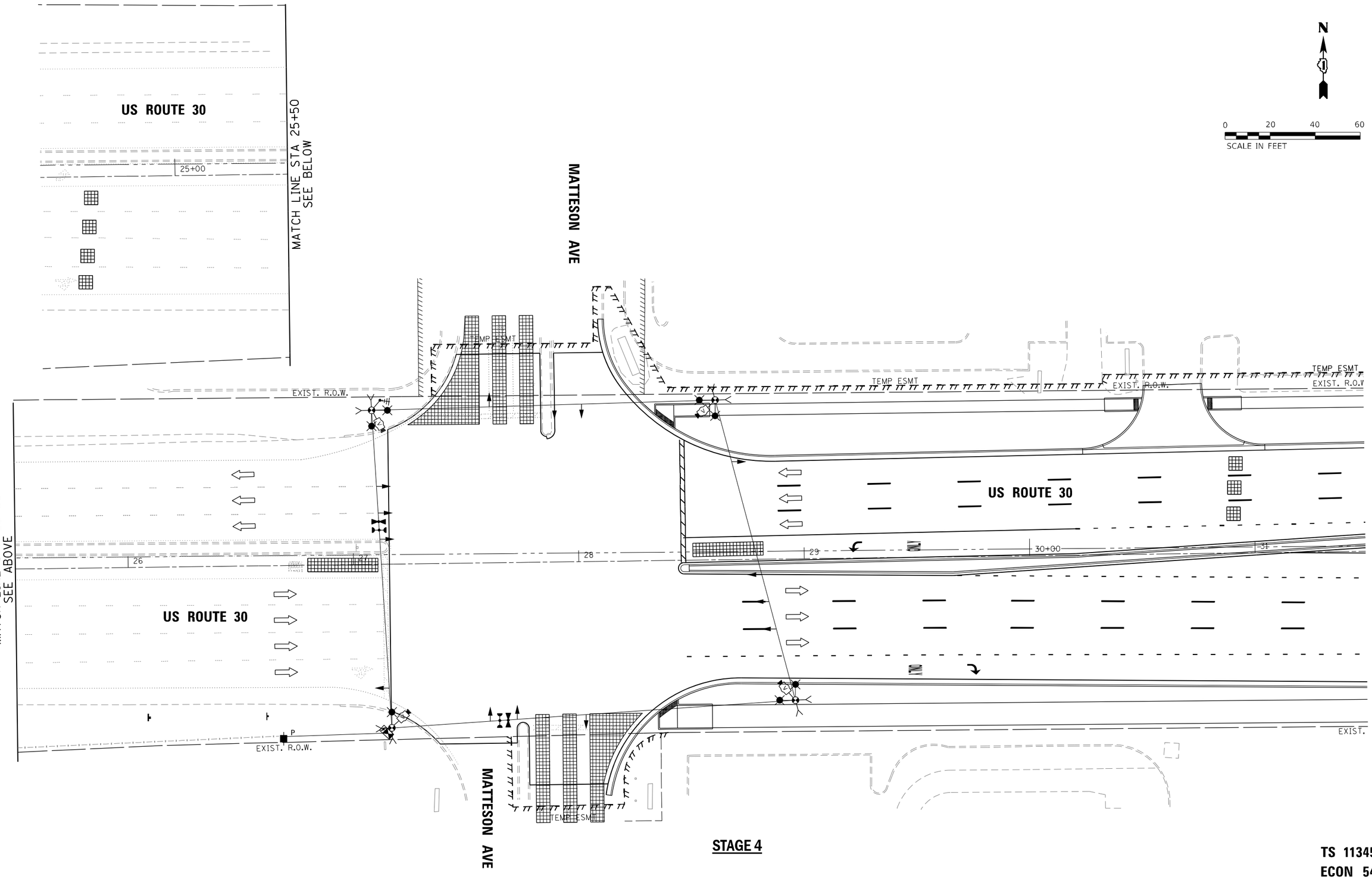
USER NAME = MET	DESIGNED - ASH	REVISED -
	DRAWN - ASH	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - JAC	REVISED -
PLOT DATE = 4/27/2023	DATE - 2-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL PLAN STAGE 3D
US ROUTE 30 AND MATTESON AVE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	176
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			



STAGE 4

TS 11345
ECON 54

TS SHT NO. 44

MODEL: Default
FILE NAME: Z:\18-00120-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Traffic Signal\Sheets\SHT_MattesonAve_Stage 1.dgn

Peralte-Clark LLC

USER NAME = MET	DESIGNED - ASH	REVISED -	
	DRAWN - ASH	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - JAC	REVISED -	
PLOT DATE = 4/27/2023	DATE - 2-28-2023	REVISED -	

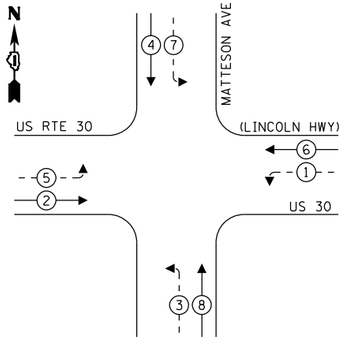
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL PLAN STAGE 4
US ROUTE 30 AND MATTESON AVE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	177
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			

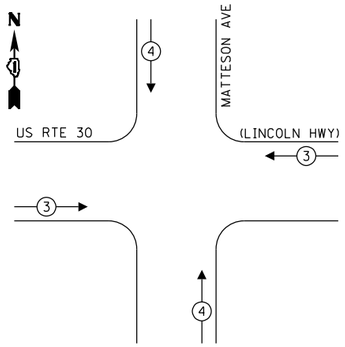
TEMPORARY CONTROLLER SEQUENCE



LEGEND:

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

TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE

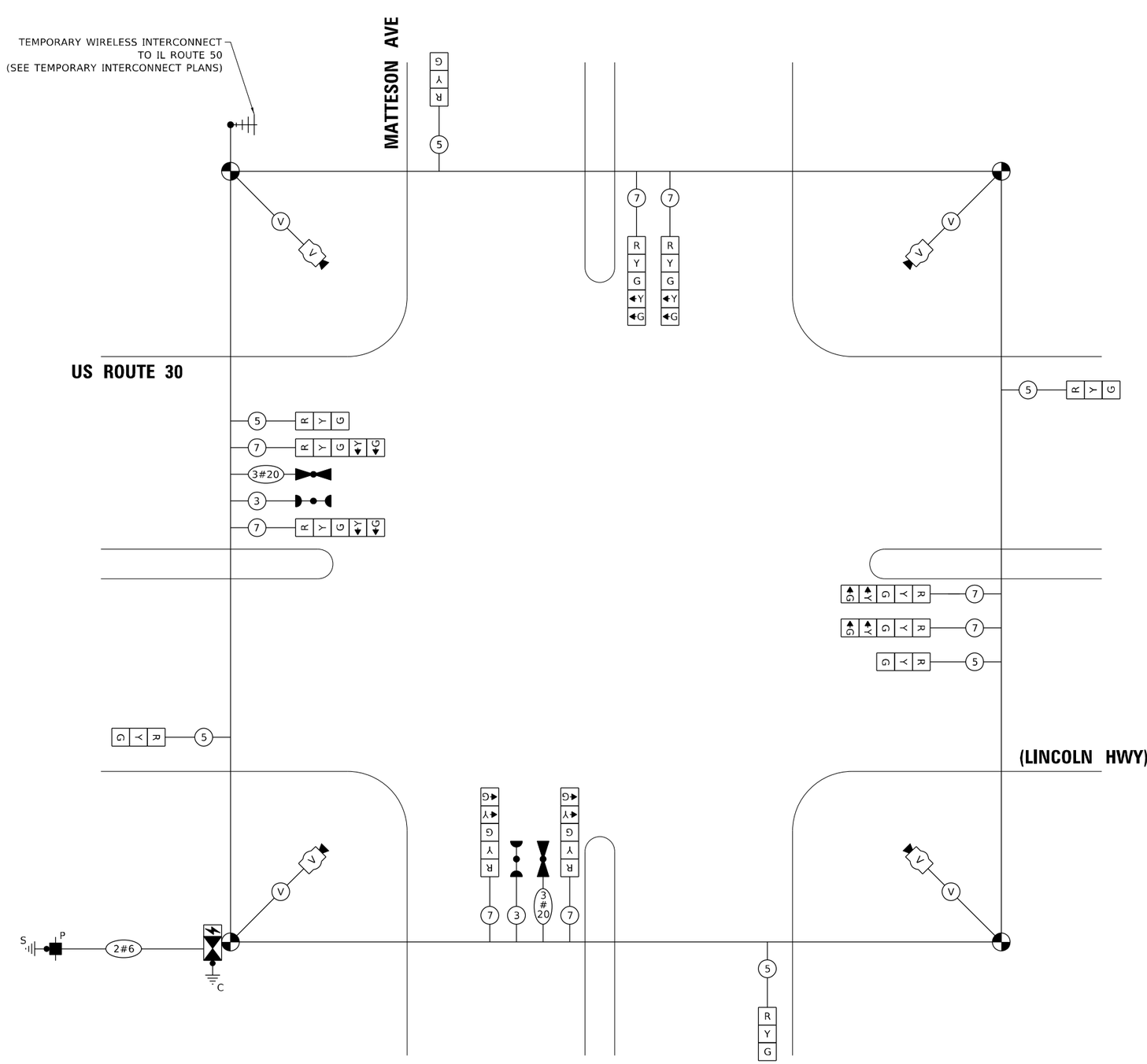


TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	14	11	50	77.0
(YELLOW)	14	20	5	14.0
(GREEN)	14	12	45	75.6
PERMISSIVE ARROW	16	10	10	16.0
PED. SIGNAL	-	20	100	0.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	-	-	-
ENERGY COSTS TO:			TOTAL =	457.6

MATTESON TOWN CENTER PLAZA
C/O BRIAN HOFFMAN, RECEIVER AND CBRE, INC.
20. MARTINGALE ROAD, SUITE 100
SCHAUMBURG, IL 60173

ENERGY SUPPLY: CONTACT: ILYAS MAKIUDDIN
PHONE: (708) 235-2632
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: 03710-74074



TEMPORARY CABLE PLAN

TS 11345
ECON 54

TS SHT NO. 45

MODEL: Default
FILE NAME: Z:\18-00124-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Traffic Signal\Streets\SHT_MattesonAve_Temporary Traffic Signal Schematic.dgn

Peralte-Clark LLC	USER NAME = MET	DESIGNED - ASH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE US ROUTE 30 AND MATTESON AVE
		DRAWN - ASH	REVISED -		
	PLOT SCALE = 40.2189 ' / in.	CHECKED - JAC	REVISED -		
	PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -		SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	178
		CONTRACT NO. 62G38		
		ILLINOIS	FED. AID PROJECT	

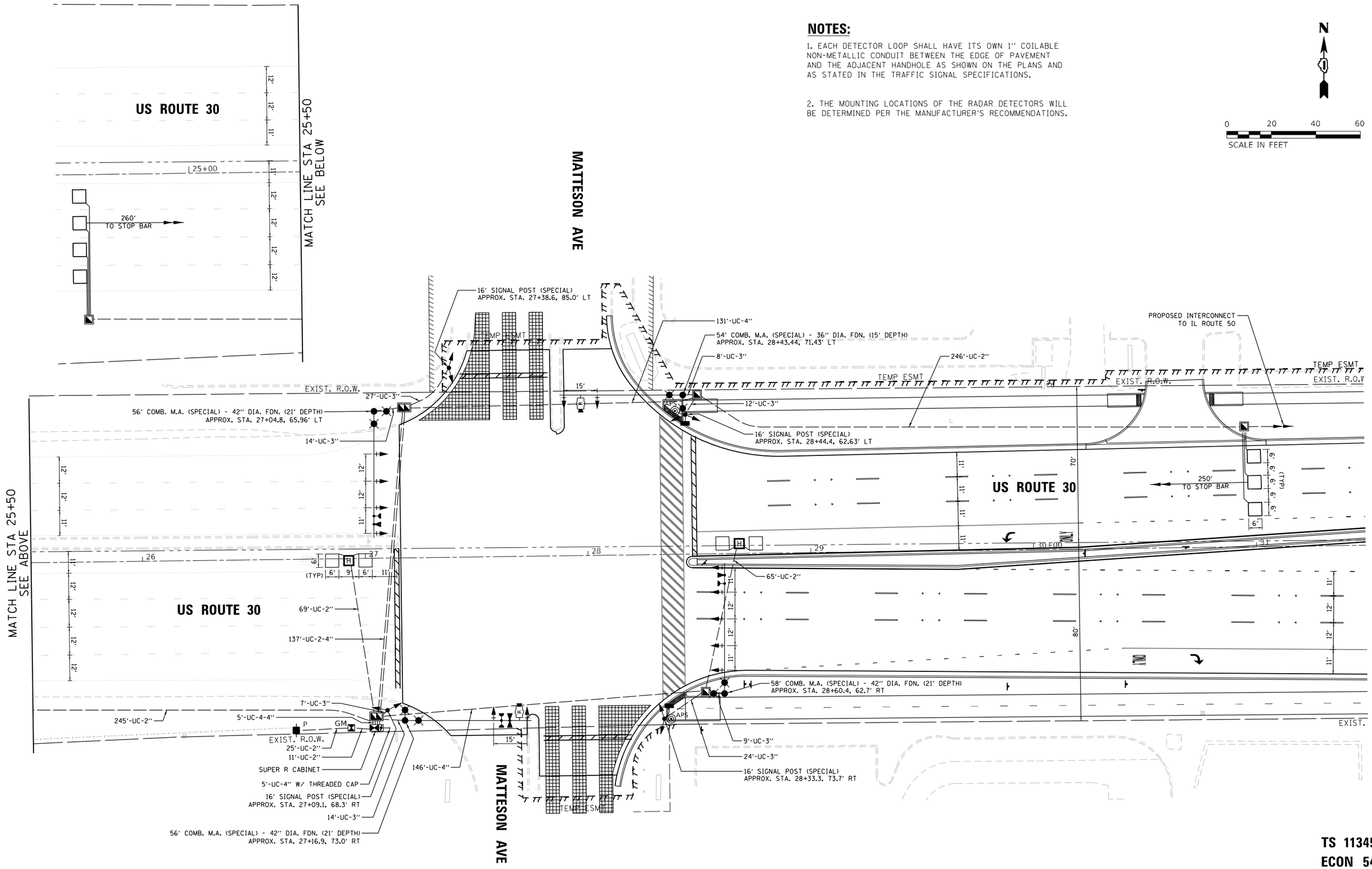
NOTES:

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

2. THE MOUNTING LOCATIONS OF THE RADAR DETECTORS WILL BE DETERMINED PER THE MANUFACTURER'S RECOMMENDATIONS.

N

0 20 40 60
SCALE IN FEET



TS 11345
ECON 54

TS SHT NO. 46

MODEL: Default
FILE NAME: 23-18-0012-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CAD\Traffic Signal\Streets\SHT_MattesonAve_Traffic Signal.dgn

Peralte-Clark LLC

USER NAME = MET	DESIGNED - ASH	REVISED -
	DRAWN - ASH	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - JAC	REVISED -
PLOT DATE = 4/27/2023	DATE - 2-28-2023	REVISED -

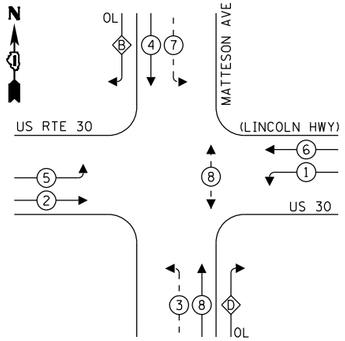
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODERNIZATION PLAN
US ROUTE 30 AND MATTESON AVE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	179
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			

PROPOSED CONTROLLER SEQUENCE

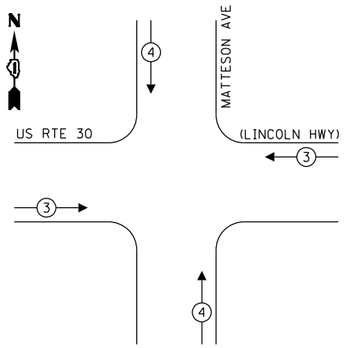


LEGEND:

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

OVERLAP LETTER		PERMISSIVE PHASE		PROTECTED PHASE
B	=	4	+	5
D	=	8	+	1

PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE

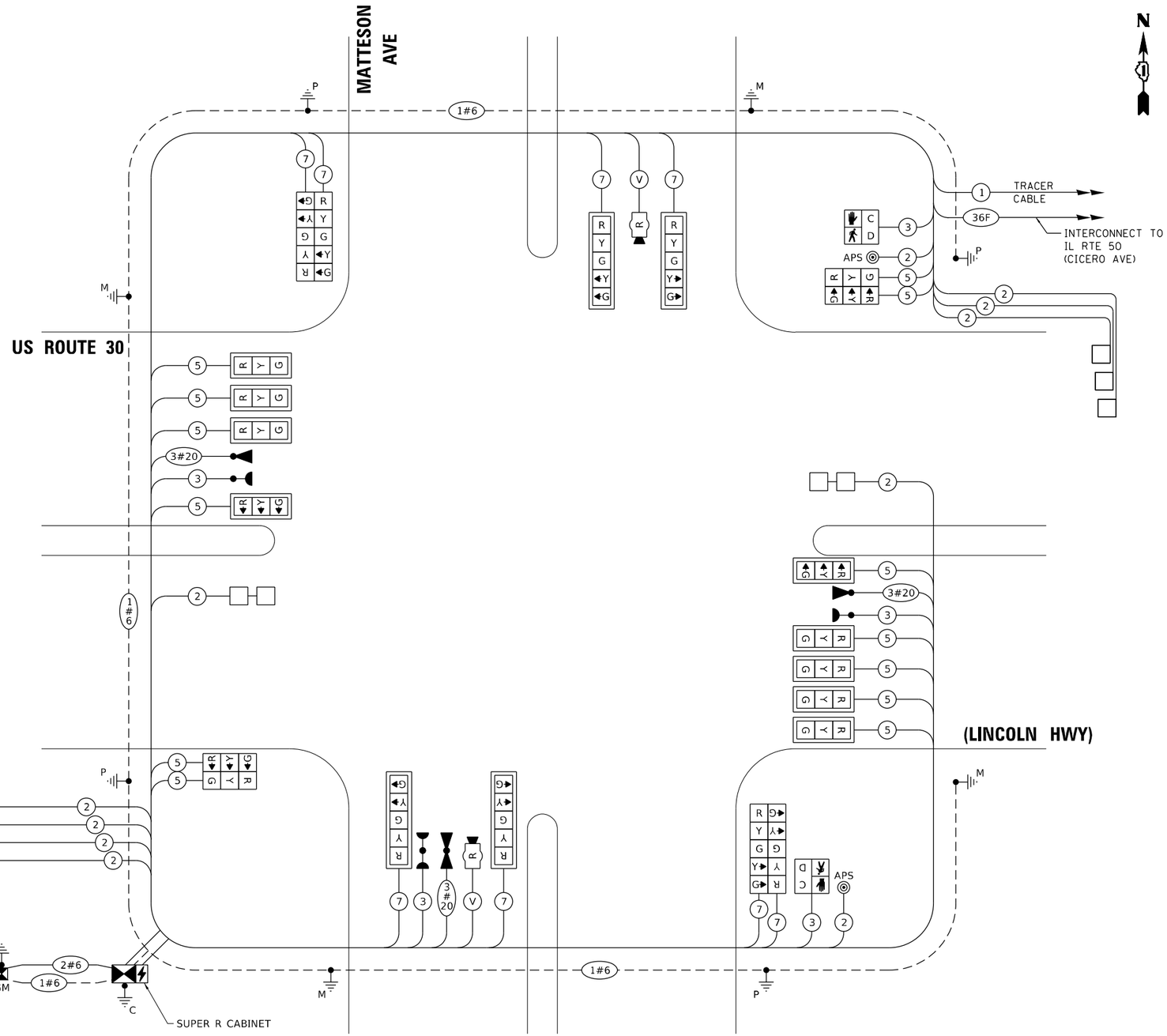


TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	21	11	50	115.5
(YELLOW)	21	20	5	21.0
(GREEN)	21	12	45	113.4
PERMISSIVE ARROW	16	10	10	16.0
PED. SIGNAL	2	20	100	40.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	150	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	-	-	-
ENERGY COSTS TO:			TOTAL =	430.9

MATTESON TOWN CENTER PLAZA
C/O BRIAN HOFFMAN, RECEIVER AND CBRE, INC.
20. MARTINGALE ROAD, SUITE 100
SCHAUMBURG, IL 60173

ENERGY SUPPLY: CONTACT: ILYAS MAKIUDDIN
PHONE: (708) 235-2632
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: 03710-74074



CABLE PLAN

LEFT ON GREEN ARROW ONLY

* NEEDED NEXT TO EACH 3-SECTION LEFT TURN HEAD

SIGN NUMBER	DIMENSIONS (IN X IN)	AREA (SQ FT)	SIGN PANEL TYPE	QTY REQUIRED
R10-5	24 X 30	5	1	4

TS 11345
ECON 54

TS SHT NO. 48

MODEL: Default
FILE NAME: Z:\18-0012-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Traffic Signal\Sheets\SHT_MattesonAve_Traffic Signal Schematic.dgn

Peralte-Clark LLC

USER NAME = MET	DESIGNED - ASH	REVISED -	
	DRAWN - ASH	REVISED -	
PLOT SCALE = 40.2189 ' / in.	CHECKED - JAC	REVISED -	
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

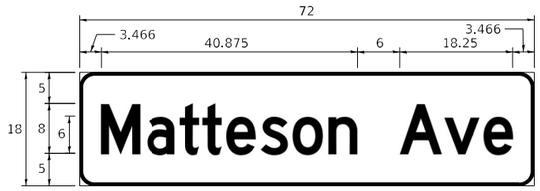
CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
US ROUTE 30 AND MATTESON AVE

SHEET OF SHEETS STA. TO STA.

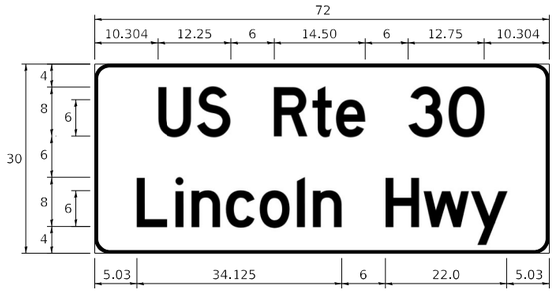
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	180
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

SIGN PANEL – TYPE 1 OR TYPE 2

ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY REQUIRED
D	9	1	ZZ	2



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY REQUIRED
D	15	2	ZZ	2

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

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY
SIGN PANEL - TYPE 1	SQ FT	38
SIGN PANEL - TYPE 2	SQ FT	30
REMOVE SIGN PANEL - TYPE 1	SQ FT	18
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	661
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	115
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	576
HANDHOLE	EACH	4
HEAVY-DUTY HANDHOLE	EACH	2
DOUBLE HANDHOLE	EACH	2
TRANSCEIVER - FIBER OPTIC	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	555
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1014
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2667
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1670
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	3187
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	44
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	660
CONCRETE FOUNDATION, TYPE A	FOOT	16
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	15
CONCRETE FOUNDATION, TYPE E 42-INCH DIAMETER	FOOT	63
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	9
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	4
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	2
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	13
INDUCTIVE LOOP DETECTOR	EACH	9
DETECTOR LOOP, TYPE I	FOOT	431
LIGHT DETECTOR	EACH	3
LIGHT DETECTOR AMPLIFIER	EACH	1
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	10
REMOVE EXISTING CONCRETE FOUNDATION	EACH	6
EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	459
FULL-ACTUATED CONTROLLER AND TYPE SUPER R CABINET (SPECIAL)	EACH	1
SERVICE INSTALLATION - GROUND MOUNTED, METERED	EACH	1
RADAR VEHICLE DETECTION SYSTEM, SINGLE APPROACH, STOP BAR	EACH	2
TRAFFIC SIGNAL POST, 16 FOOT, (SPECIAL)	EACH	4
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	2
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 54 FT. (SPECIAL)	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 56 FT. (SPECIAL)	EACH	2
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 58 FT. (SPECIAL)	EACH	1
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1

TS 11345
ECON 54

TS SHT NO. 49

MODEL: Default
FILE NAME: P:\18-0012-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Traffic Signal\Sheets\SHT_MattesonAve_Street Name Signs & Schedule of Quantities.dgn

Peralte-Clark LLC

USER NAME = MET	DESIGNED - ASH	REVISED -
	DRAWN - ASH	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - JAC	REVISED -
PLOT DATE = 4/27/2023	DATE - 2-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAST ARM MOUNTED STREET NAME SIGNS AND SCHEDULE OF QUANTITIES
US ROUTE 30 AND MATTESON AVE

SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	181
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

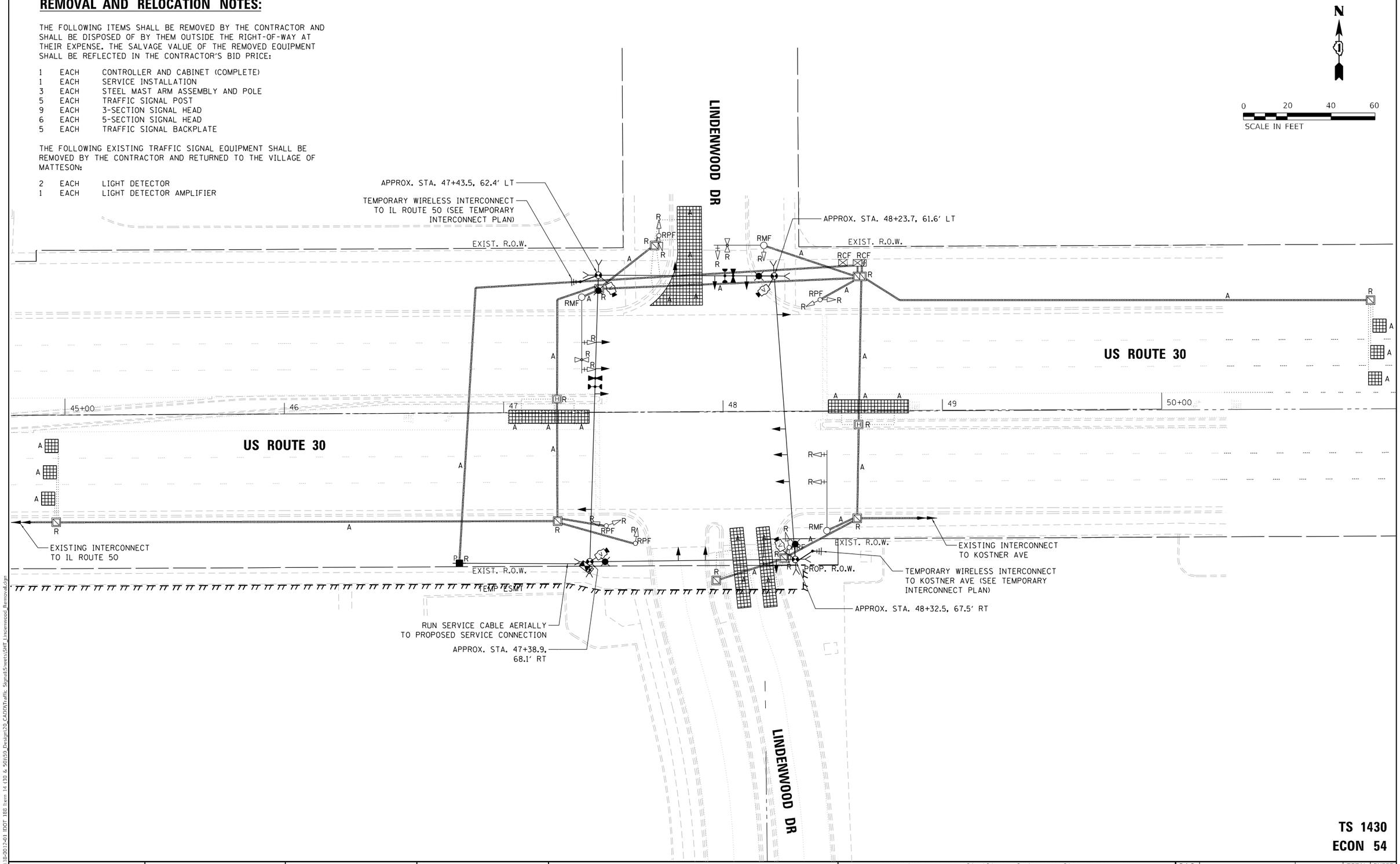
REMOVAL AND RELOCATION NOTES:

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

1	EACH	CONTROLLER AND CABINET (COMPLETE)
1	EACH	SERVICE INSTALLATION
3	EACH	STEEL MAST ARM ASSEMBLY AND POLE
5	EACH	TRAFFIC SIGNAL POST
9	EACH	3-SECTION SIGNAL HEAD
6	EACH	5-SECTION SIGNAL HEAD
5	EACH	TRAFFIC SIGNAL BACKPLATE

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND RETURNED TO THE VILLAGE OF MATTESON:

2	EACH	LIGHT DETECTOR
1	EACH	LIGHT DETECTOR AMPLIFIER



TS 1430
ECON 54

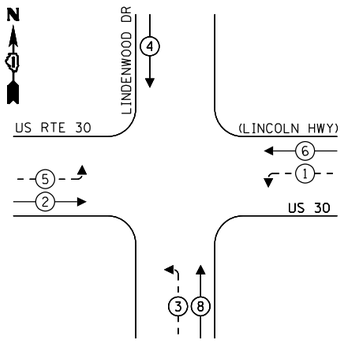
TS SHT NO. 49

MODEL: Default
FILE NAME: 23-18-00124-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Traffic Signal\Sheets\SHT_Lindenwood_Removal.dgn

Peralte-Clark LLC	USER NAME = MET	DESIGNED - ASH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN AND REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN US ROUTE 30 AND LINDENWOOD DR
		DRAWN - ASH	REVISED -		
	PLOT SCALE = 40.0000 ' / in.	CHECKED - JAC	REVISED -		SCALE: 1" = 20' SHEET OF SHEETS STA. TO STA.
	PLOT DATE = 4/27/2023	DATE - 2-28-2023	REVISED -		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	182
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

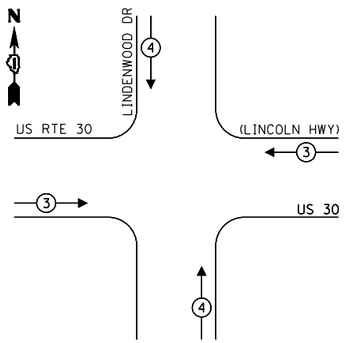
TEMPORARY CONTROLLER SEQUENCE



LEGEND:

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

TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE



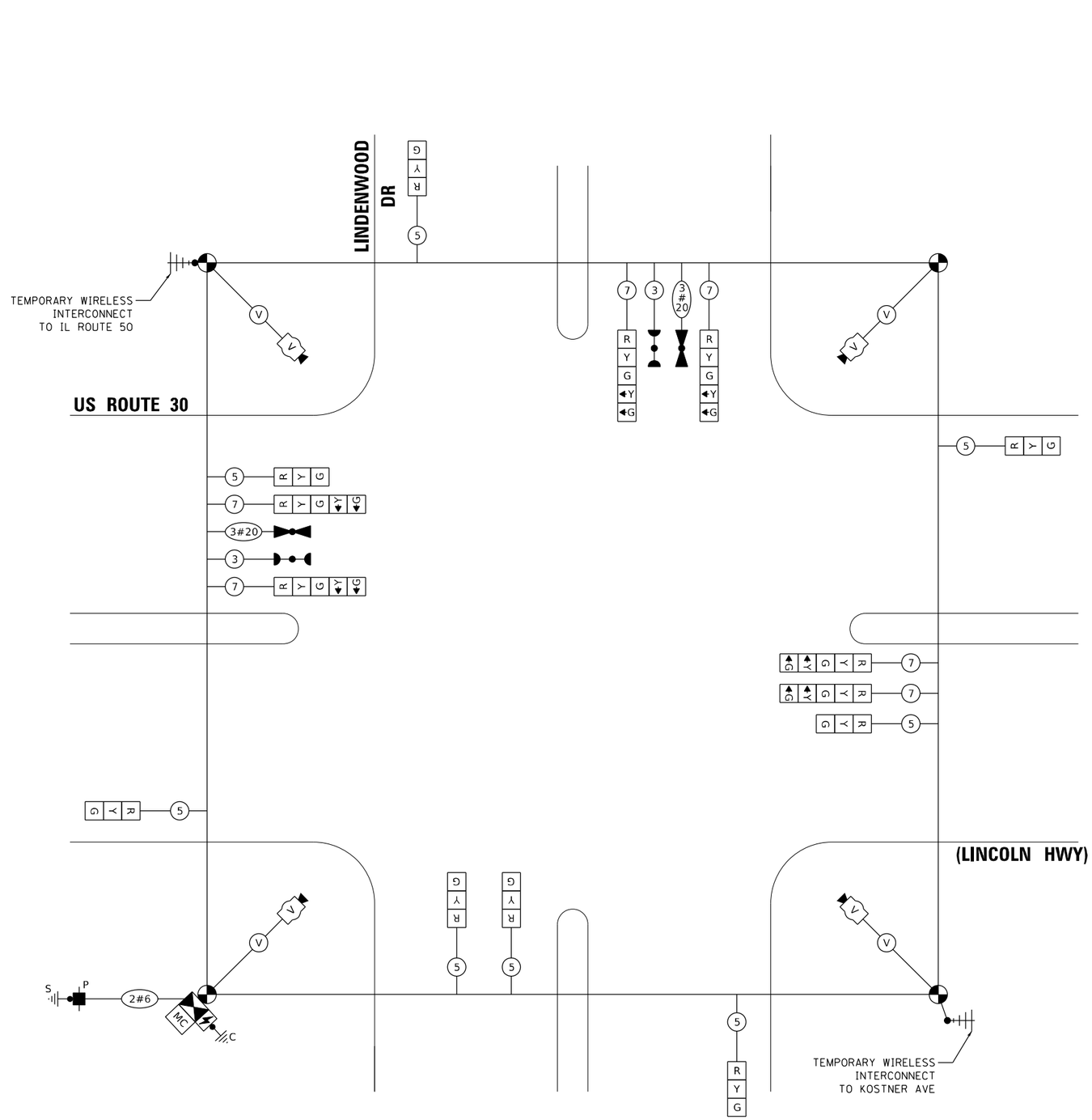
TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	14	11	50	77.0
(YELLOW)	14	20	5	14.0
(GREEN)	14	12	45	75.6
PERMISSIVE ARROW	12	10	10	12.0
PED. SIGNAL	0	20	100	0.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	473.4
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	-	-	-
			TOTAL =	453.6

ENERGY COSTS TO:

LINCOLN MALL
LINCOLN MALL HOLDING LLC
1033 W VAN BUREN - 7TH FL
CHICAGO, IL 60607

ENERGY SUPPLY: CONTACT: ILYAS MAKIUDDIN
PHONE: (708) 235-2632
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: 07865-07024



TEMPORARY CABLE PLAN

(NOT TO SCALE)

TS 1430
ECON 54

TS SHT NO. 50

MODEL: Default
FILE NAME: Z:\18-00124-01 IDOT 188 Item 14 430 & 501\50_Design\20_CADD\Traffic Signal\Sheets\SHT_Lindenwood_Temporary Traffic Signal Schematic.dgn

Peralte-Clark LLC

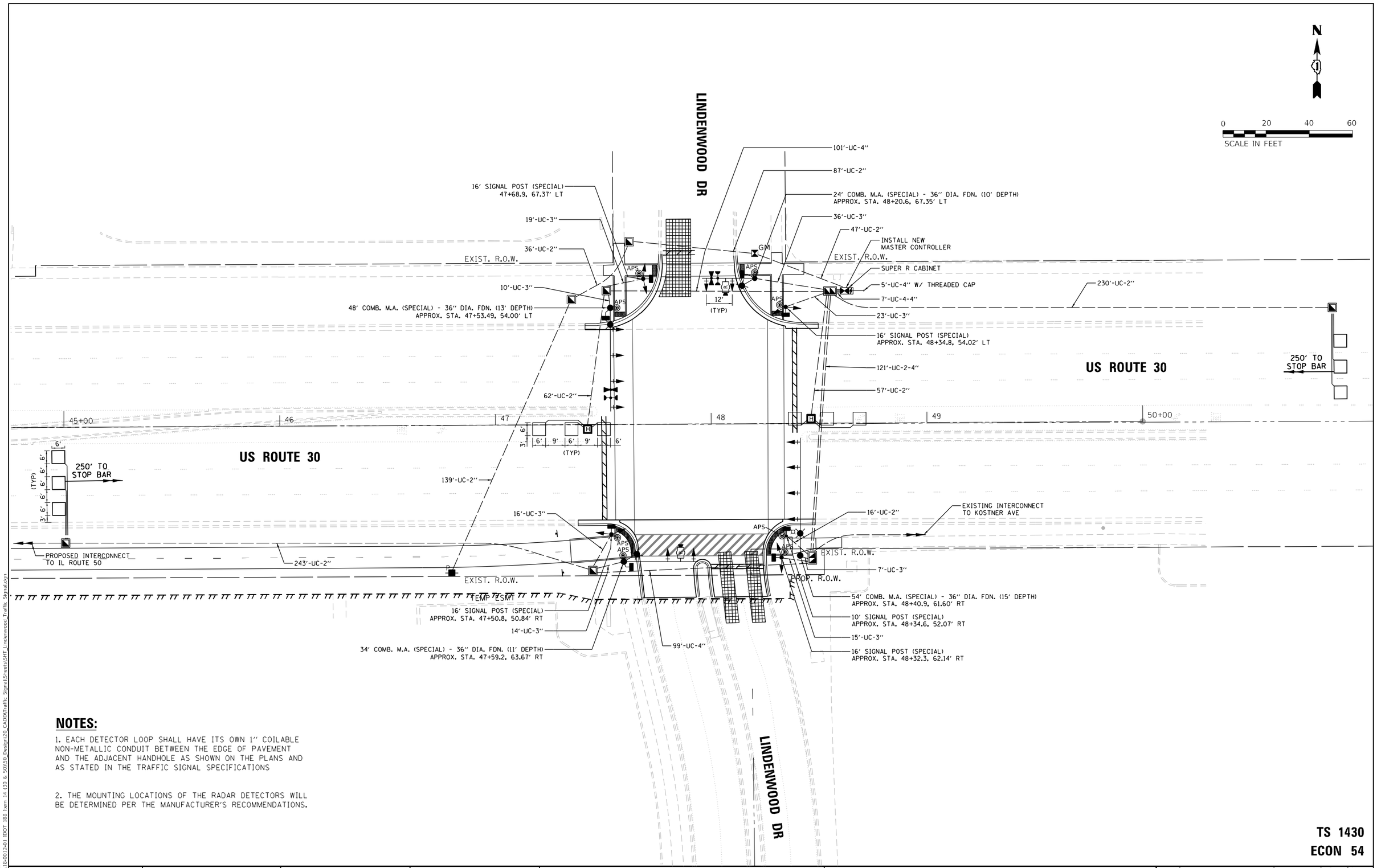
USER NAME = MET	DESIGNED - ASH	REVISED -	
	DRAWN - ASH	REVISED -	
PLOT SCALE = 40.2189 ' / in.	CHECKED - JAC	REVISED -	
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
US ROUTE 30 AND LINDENWOOD DR

SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	183
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		



NOTES:

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

2. THE MOUNTING LOCATIONS OF THE RADAR DETECTORS WILL BE DETERMINED PER THE MANUFACTURER'S RECOMMENDATIONS.

TS 1430
ECON 54

TS SHT NO. 51

MODEL: Default
FILE NAME: Z:\18-0012-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Traffic Signal\Sheets\SHT_Lindenwood_Traffic Signal.cgn

Peralte-Clark LLC

USER NAME = MET	DESIGNED - ASH	REVISED -
	DRAWN - ASH	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - JAC	REVISED -
PLOT DATE = 4/27/2023	DATE - 2-28-2023	REVISED -

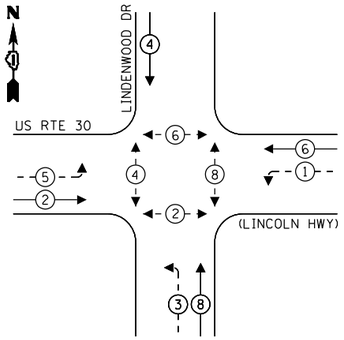
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODERNIZATION PLAN
US ROUTE 30 AND LINDENWOOD DR

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	184
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			

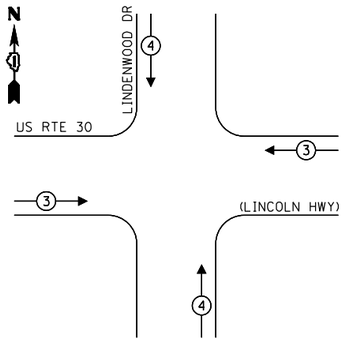
PROPOSED CONTROLLER SEQUENCE



LEGEND:

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

PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



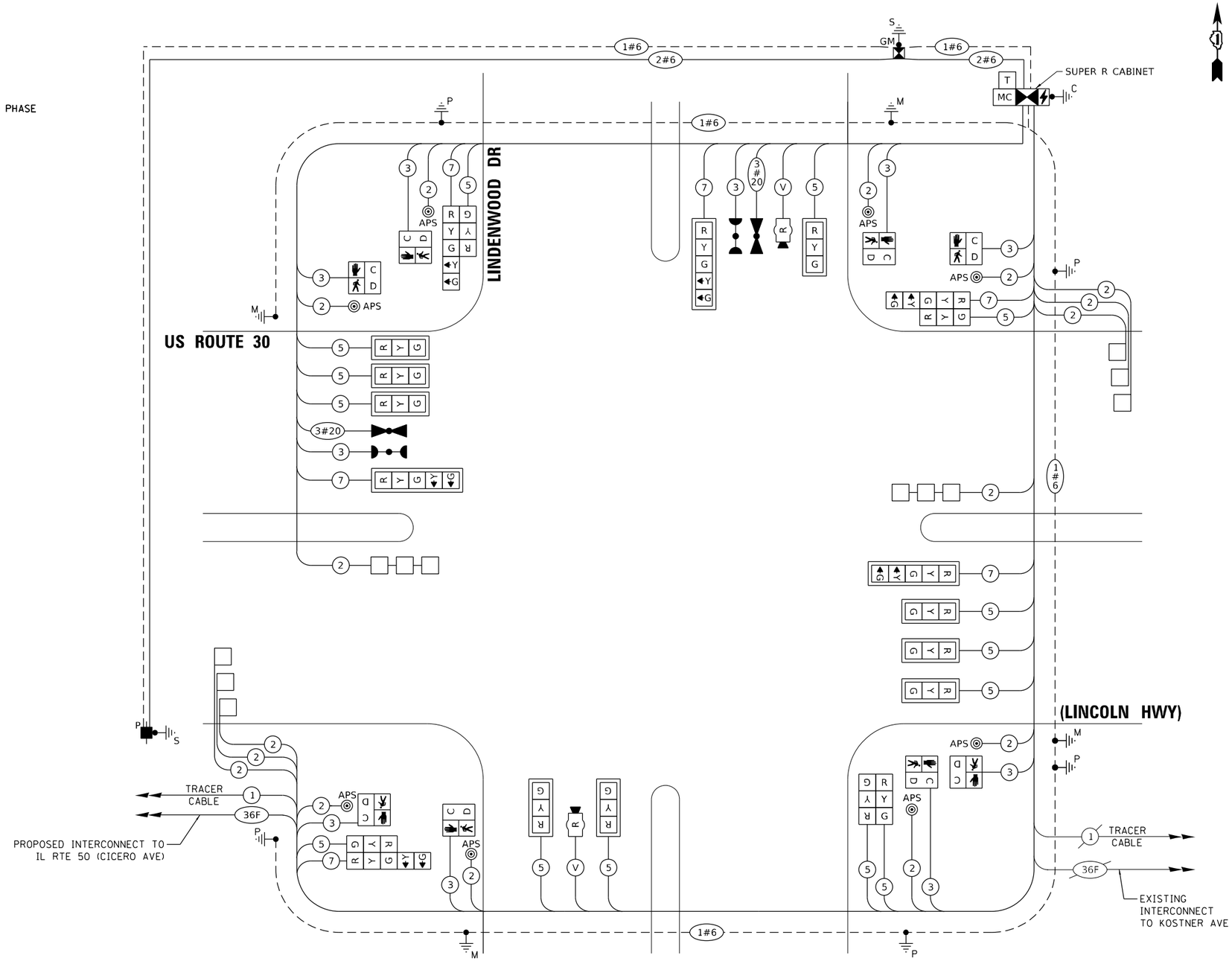
TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	18	11	50	99.0
(YELLOW)	18	20	5	18.0
(GREEN)	18	12	45	97.2
PERMISSIVE ARROW	12	10	10	12.0
PED. SIGNAL	8	20	100	160.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	150	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	-	-	-
			TOTAL =	511.2

ENERGY COSTS TO:

LINCOLN MALL
LINCOLN MALL HOLDING LLC
1033 W VAN BUREN - 7TH FL
CHICAGO, IL 60607

ENERGY SUPPLY: CONTACT: ILYAS MAKIUDDIN
PHONE: (708) 235-2632
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: 07865-07024



CABLE PLAN

(NOT TO SCALE)

TS 1430
ECON 54

TS SHT NO. 52

MODEL: Default
FILE NAME: Z:\18-00124-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Traffic Signals\Sheets\SHT_Lincwood_Traffic Signal Schematic.dgn

Peralte-Clark LLC

USER NAME = MET	DESIGNED - ASH	REVISED -	
	DRAWN - ASH	REVISED -	
PLOT SCALE = 40.2189 ' / in.	CHECKED - JAC	REVISED -	
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

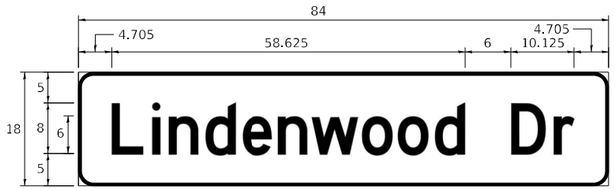
CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE
US ROUTE 30 AND LINDENWOOD DR

SHEET OF SHEETS | STA. | TO STA.

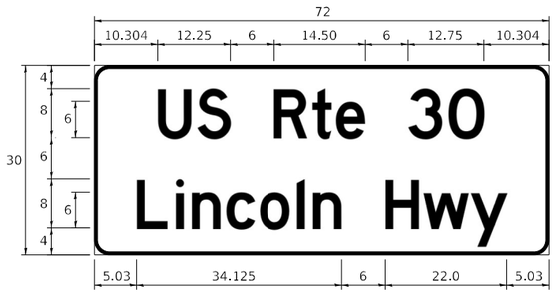
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	185
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

SIGN PANEL – TYPE 2

ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY REQUIRED
D	10.5	2	ZZ	2



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY REQUIRED
D	15	2	ZZ	2

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

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY
SIGN PANEL - TYPE 2	SQ FT	51
REMOVE SIGN PANEL - TYPE 1	SQ FT	21
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	917
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	140
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	475
HANDHOLE	EACH	6
HEAVY-DUTY HANDHOLE	EACH	2
DOUBLE HANDHOLE	EACH	2
MASTER CONTROLLER	EACH	1
TRANSCEIVER - FIBER OPTIC	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	1205
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1531
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2241
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	821
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	2664
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2C	FOOT	330
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	877
CONCRETE FOUNDATION, TYPE A	EACH	16
CONCRETE FOUNDATION, TYPE C	FOOT	4
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	EACH	49
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	9
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	5
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	3
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	3
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	12
INDUCTIVE LOOP DETECTOR	EACH	8
DETECTOR LOOP, TYPE I	FOOT	442
LIGHT DETECTOR	EACH	2
LIGHT DETECTOR AMPLIFIER	EACH	1
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	9
REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	10
EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	315
FULL-ACTUATED CONTROLLER AND TYPE SUPER R CABINET (SPECIAL)	EACH	1
SERVICE INSTALLATION - GROUND MOUNTED, METERED	EACH	1
RADAR VEHICLE DETECTION SYSTEM, SINGLE APPROACH, STOP BAR	EACH	2
TRAFFIC SIGNAL POST, 10 FOOT, (SPECIAL)	EACH	1
TRAFFIC SIGNAL POST, 16 FOOT, (SPECIAL)	EACH	4
TELEPHONE SERVICE INSTALLATION	EACH	1
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 24 FT. (SPECIAL)	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 34 FT. (SPECIAL)	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT. (SPECIAL)	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 54 FT. (SPECIAL)	EACH	1
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	EACH	4
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1

TS 1430
ECON 54

TS SHT NO. 53

MODEL: Default
FILE NAME: Z:\18-0012-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Traffic Signal\Sheets\SHT_Lindenwood_Street Name Signs & Schedule of Quantities.dgn

Peralte-Clark LLC

USER NAME = MET	DESIGNED - ASH	REVISED -	
	DRAWN - ASH	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - JAC	REVISED -	
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAST ARM MOUNTED STREET NAME SIGNS AND SCHEDULE OF QUANTITIES
US ROUTE 30 AND LINDENWOOD DR

SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	186
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

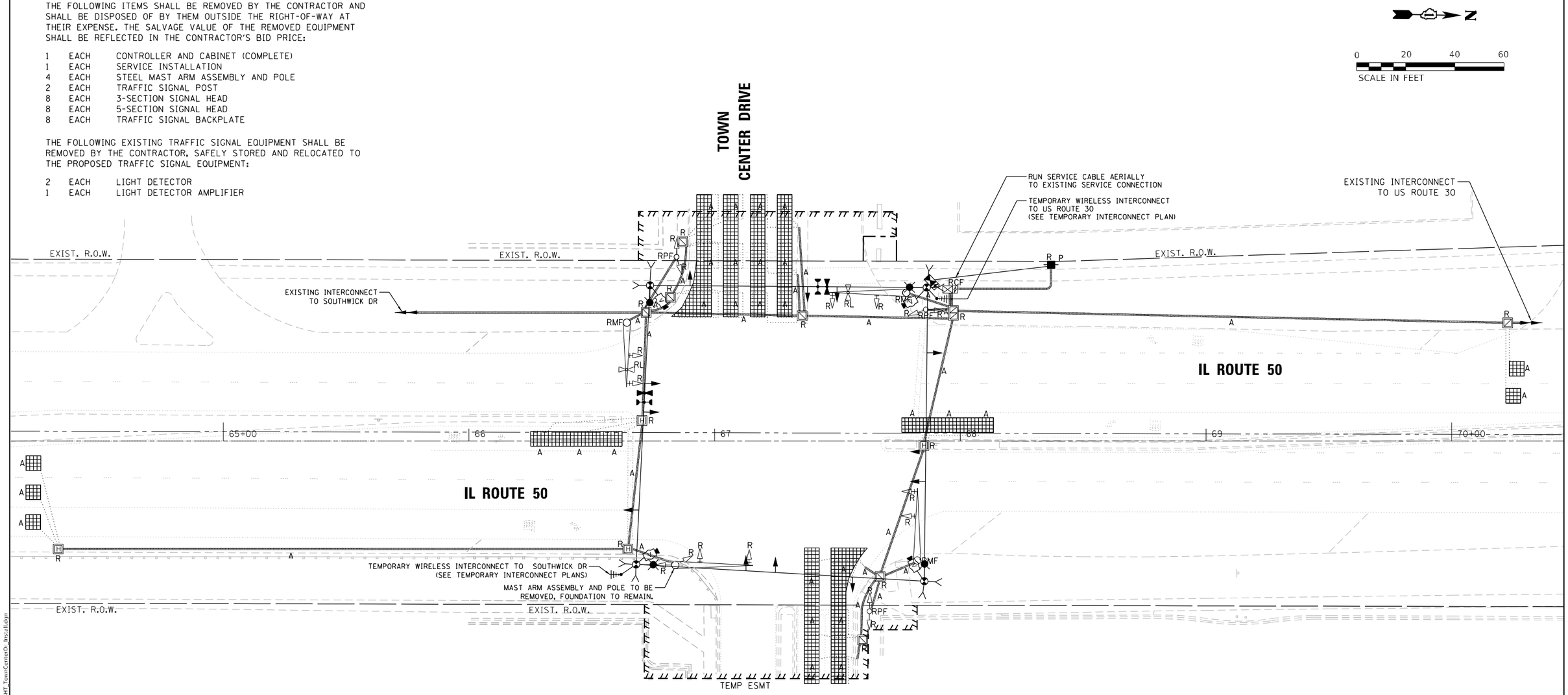
REMOVAL AND RELOCATION NOTES:

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

1	EACH	CONTROLLER AND CABINET (COMPLETE)
1	EACH	SERVICE INSTALLATION
4	EACH	STEEL MAST ARM ASSEMBLY AND POLE
2	EACH	TRAFFIC SIGNAL POST
8	EACH	3-SECTION SIGNAL HEAD
8	EACH	5-SECTION SIGNAL HEAD
8	EACH	TRAFFIC SIGNAL BACKPLATE

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

2	EACH	LIGHT DETECTOR
1	EACH	LIGHT DETECTOR AMPLIFIER



NOTES:

1. CARE TO BE TAKEN BY CONTRACTOR TO NOT DISTURB EXISTING GUARDRAIL IN SOUTHEAST QUADRANT OF INTERSECTION.

TS 2630
ECON 54

TS SHT NO. 54

MODEL: Default
FILE NAME: Z:\18-0012-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CAD\Traffic Signal\Sheets\SHT_TownCenterDr_InstallI.dgn

Peralte-Clark LLC

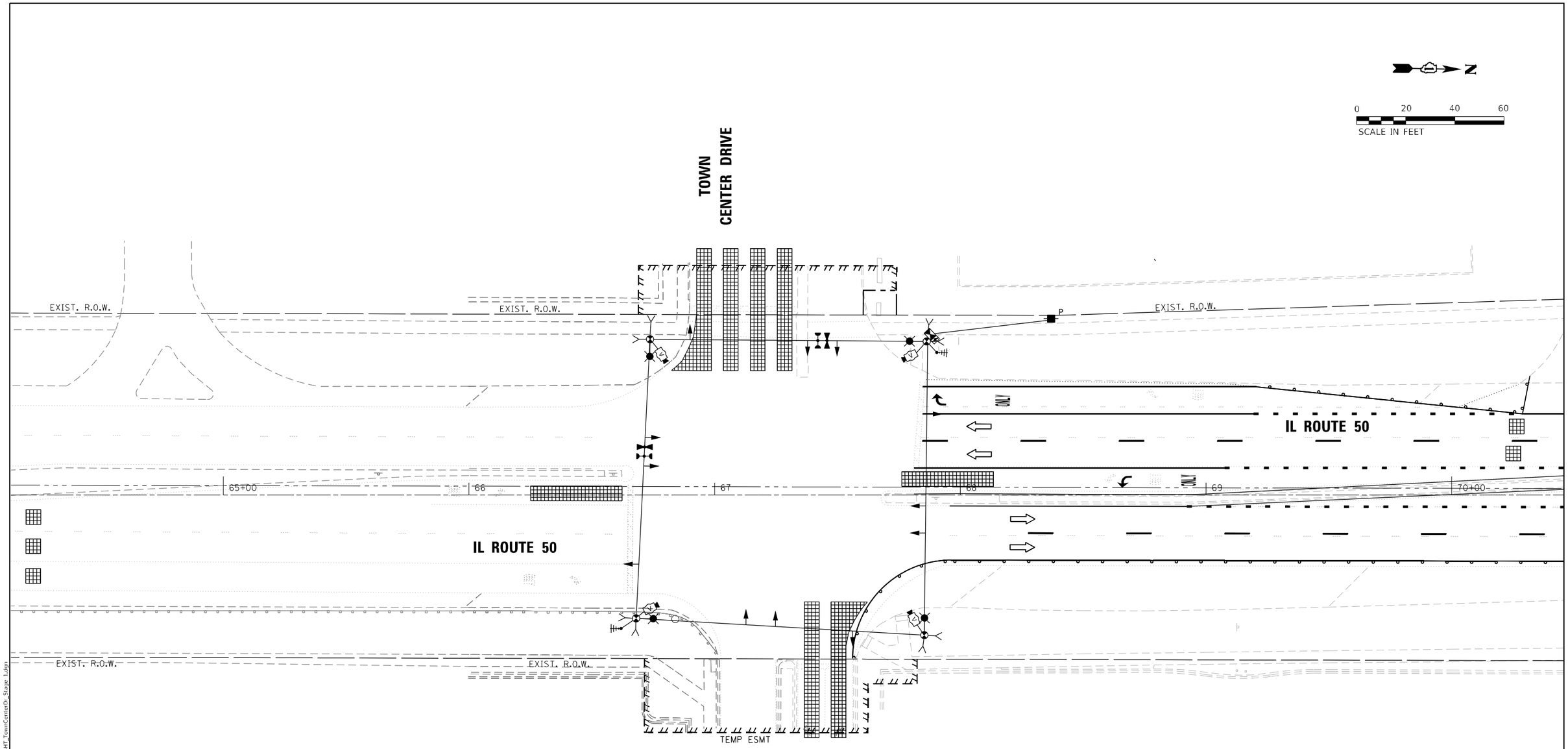
USER NAME = MET	DESIGNED - ASH	REVISED -	
	DRAWN - ASH	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - JAC	REVISED -	
PLOT DATE = 4/27/2023	DATE - 2-28-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVAL PLAN
IL ROUTE 50 AND TOWN CENTER DRIVE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	187
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		



STAGE 1

TS 2630
ECON 54

TS SHT NO. 55

MODEL: Default
FILE NAME: Z:\18-00124-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Traffic Signal\Sheets\SHT_TownCenterDr_Stage 1.dgn

Peralte-Clark LLC

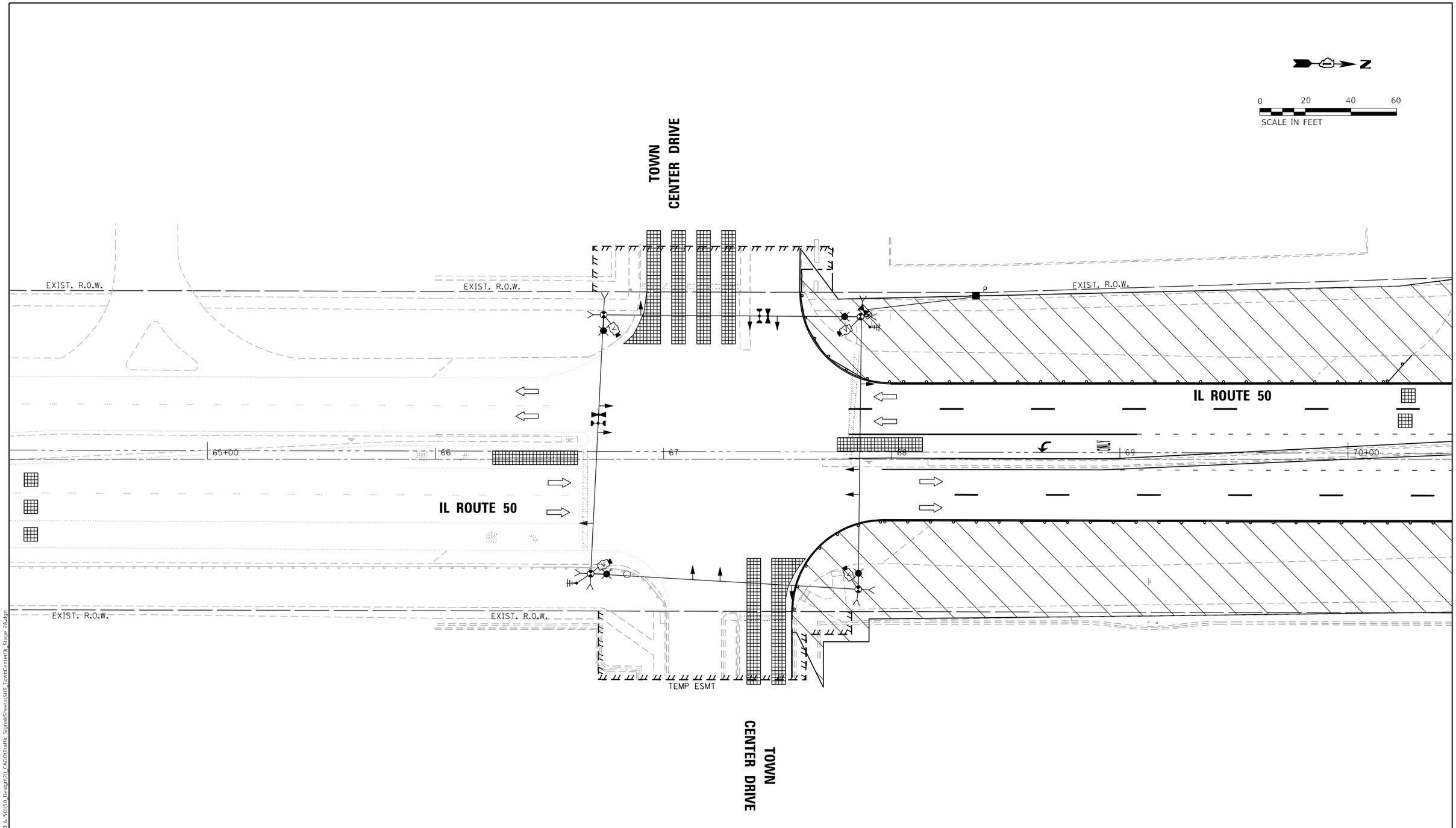
USER NAME = MET	DESIGNED - ASH	REVISED -
	DRAWN - ASH	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - JAC	REVISED -
PLOT DATE = 4/27/2023	DATE - 2-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN STAGE 1
IL ROUTE 50 AND TOWN CENTER DRIVE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	188
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		



STAGE 2A

TS 2630
ECON 54

TS SHT NO. 56

MODEL: Default
FILE NAME: Z:\18-00124-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Traffic Signal\Sheets\SHT_TownCenterDr_Stage 2Adjn

Peralte-Clark LLC

USER NAME = MET	DESIGNED - ASH	REVISED -
	DRAWN - ASH	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - JAC	REVISED -
PLOT DATE = 4/27/2023	DATE - 2-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN STAGE 2A
IL ROUTE 50 AND TOWN CENTER DRIVE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	189
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

N

0 20 40 60
SCALE IN FEET

TOWN CENTER DRIVE

EXIST. R.O.W.

EXIST. R.O.W.

EXIST. R.O.W.

IL ROUTE 50

65+00 66 67 68 69 70+00

IL ROUTE 50

EXIST. R.O.W.

EXIST. R.O.W.

TEMP ESMT

TOWN CENTER DRIVE

STAGE 2B

TS 2630
ECON 54

TS SHT NO. 57

MODEL: Default
FILE NAME: Z:\18-0012-01 IDOT IBB Item 14 (30 & 50)\50_Design\20_CADD\Traffic Signal\Sheets\SHT_TownCenterDr_Stage 2B.dgn

Peralte-Clark LLC

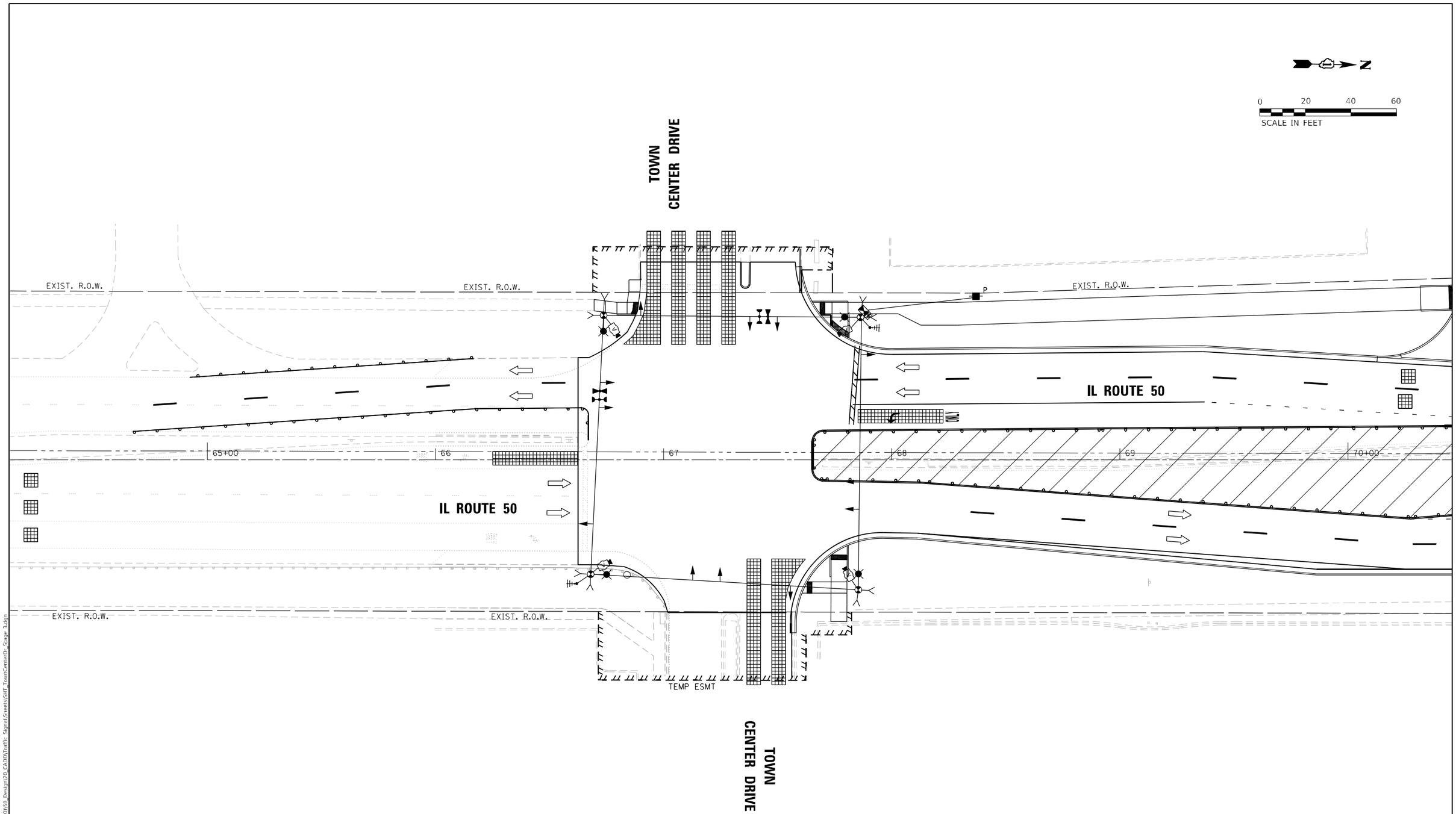
USER NAME = MET	DESIGNED - ASH	REVISED -
	DRAWN - ASH	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - JAC	REVISED -
PLOT DATE = 4/27/2023	DATE - 2-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN STAGE 2B
IL ROUTE 50 AND TOWN CENTER DRIVE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	190
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		



STAGE 3A

TS 2630
ECON 54

TS SHT NO. 58

MODEL: Default
FILE NAME: Z:\18-00124-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CAD\Traffic Signal\Sheets\SHT_TownCenterDr_Stage 3.dgn

Peralte-Clark LLC

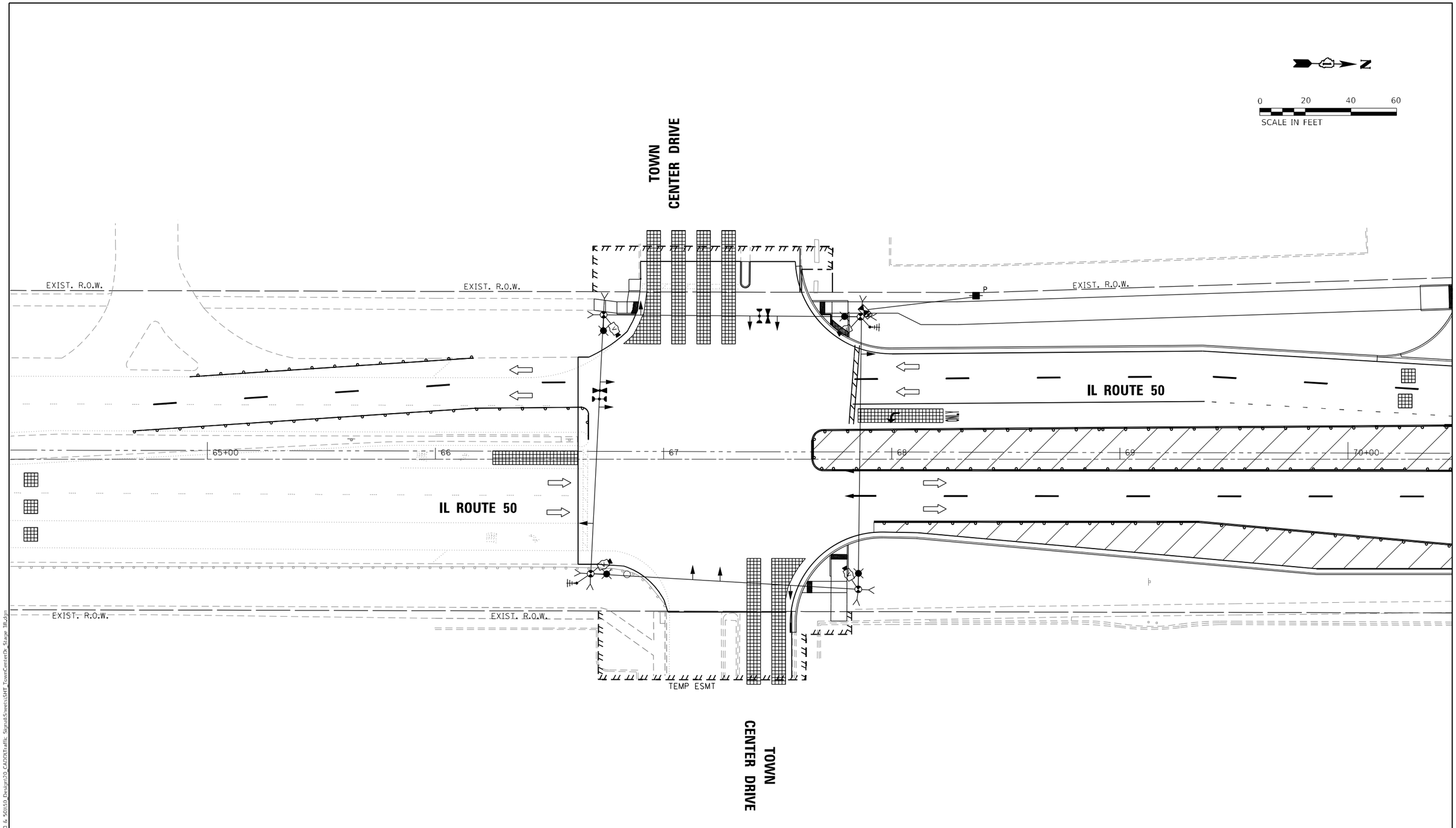
USER NAME = MET	DESIGNED - ASH	REVISED -
	DRAWN - ASH	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - JAC	REVISED -
PLOT DATE = 4/27/2023	DATE - 2-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN STAGE 3A
IL ROUTE 50 AND TOWN CENTER DRIVE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	191
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			



STAGE 3B

TS 2630
ECON 54

TS SHT NO. 59

MODEL: Default
FILE NAME: Z:\18-00124-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Traffic Signal\Sheets\SHT_TownCenterDr_Stage 3B.dgn

Peralte-Clark LLC

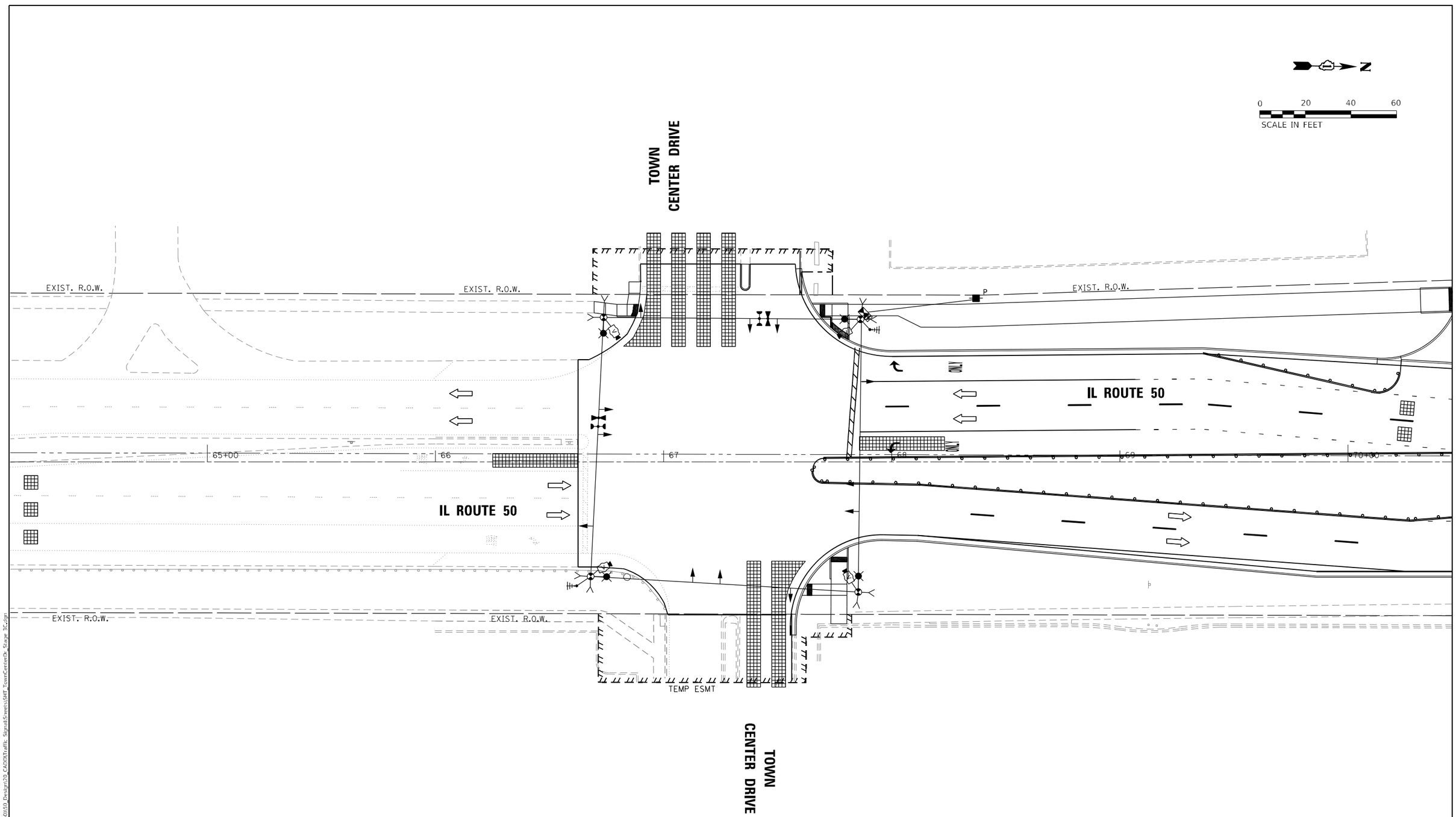
USER NAME = MET	DESIGNED - ASH	REVISED -
	DRAWN - ASH	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - JAC	REVISED -
PLOT DATE = 4/27/2023	DATE - 2-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN STAGE 3B
IL ROUTE 50 AND TOWN CENTER DRIVE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	192
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		



STAGE 3C

TS 2630
ECON 54

TS SHT NO. 60

MODEL: Default
FILE NAME: Z:\18-00112-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Traffic Signal\Sheets\SHT_TownCenterDr_Stage 3C.dgn

Peralte-Clark LLC

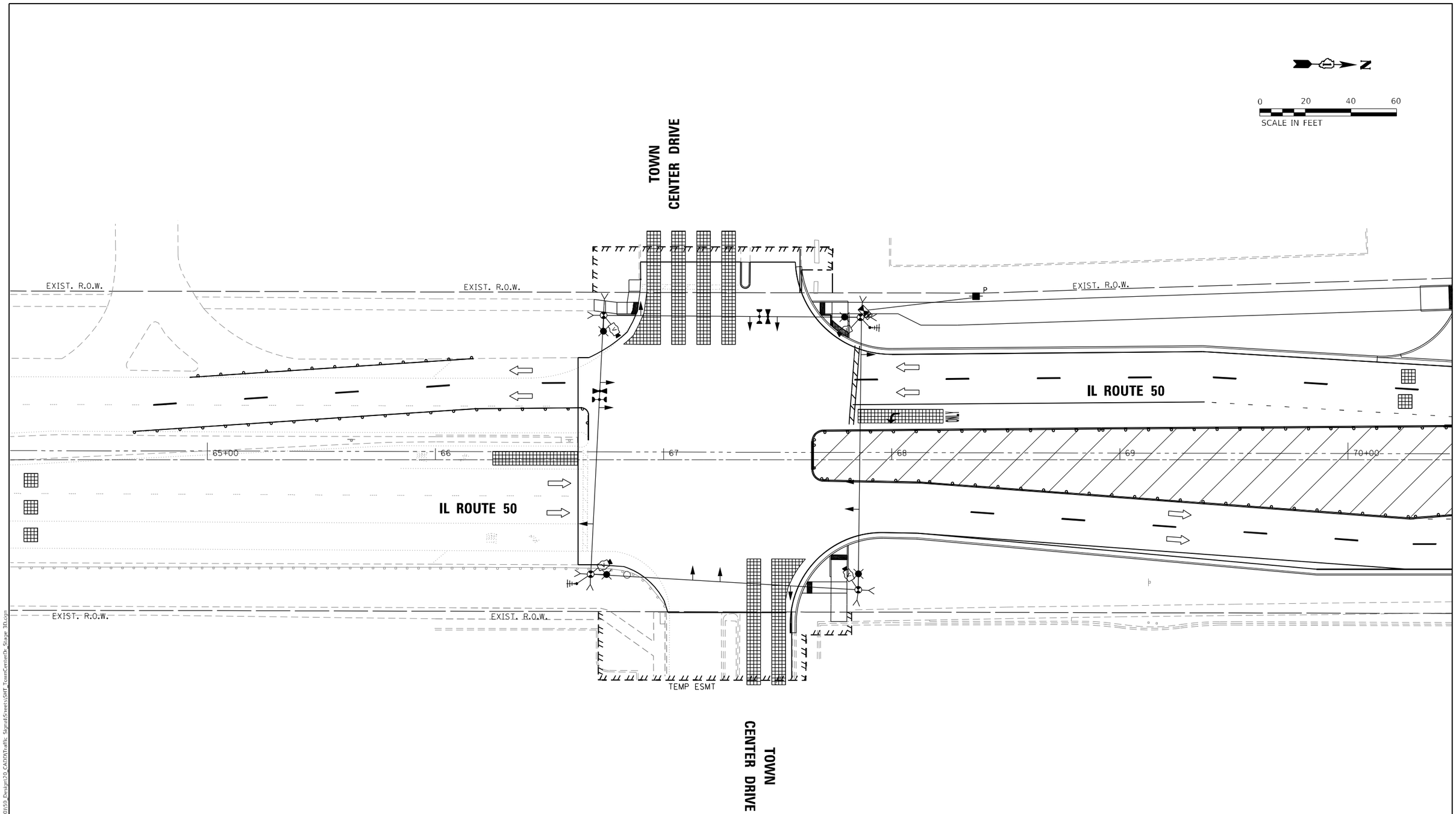
USER NAME = MET	DESIGNED - ASH	REVISED -
	DRAWN - ASH	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - JAC	REVISED -
PLOT DATE = 4/27/2023	DATE - 2-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN STAGE 3C
IL ROUTE 50 AND TOWN CENTER DRIVE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	193
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			



STAGE 3D

TS 2630
ECON 54

TS SHT NO. 61

MODEL: Default
FILE NAME: Z:\18-00124-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Traffic Signal\Sheets\SHT_TownCenterDr_Stage 3D.cgn

Peralte-Clark LLC

USER NAME = MET	DESIGNED - ASH	REVISED -
	DRAWN - ASH	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - JAC	REVISED -
PLOT DATE = 4/27/2023	DATE - 2-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN STAGE 3D
IL ROUTE 50 AND TOWN CENTER DRIVE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	194
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

N

0 20 40 60
SCALE IN FEET

TOWN CENTER DRIVE

EXIST. R.O.W.

EXIST. R.O.W.

EXIST. R.O.W.

IL ROUTE 50

65+00 66 67 68 69 70+00

IL ROUTE 50

EXIST. R.O.W.

EXIST. R.O.W.

TEMP ESMT

TOWN CENTER DRIVE

STAGE 4

TS 2630
ECON 54

TS SHT NO. 62

MODEL: Default
FILE NAME: Z:\18-00124-01 IDOT IBB Item 14 (30 & 50)\50_Design\20_CADD\Traffic Signal\Sheets\SHT_TownCenterDr_Stage 4.dgn

Peralte-Clark LLC

USER NAME = MET	DESIGNED - ASH	REVISED -
	DRAWN - ASH	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - JAC	REVISED -
PLOT DATE = 4/27/2023	DATE - 2-28-2023	REVISED -

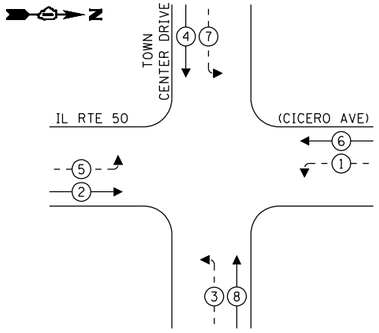
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION PLAN STAGE 4
IL ROUTE 50 AND TOWN CENTER DRIVE

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	195
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

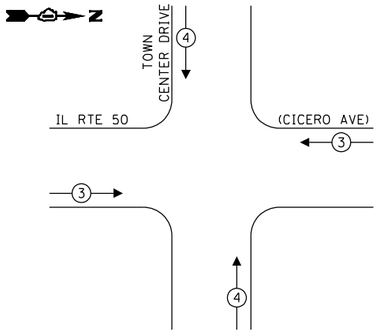
TEMPORARY CONTROLLER SEQUENCE



LEGEND:

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

TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE



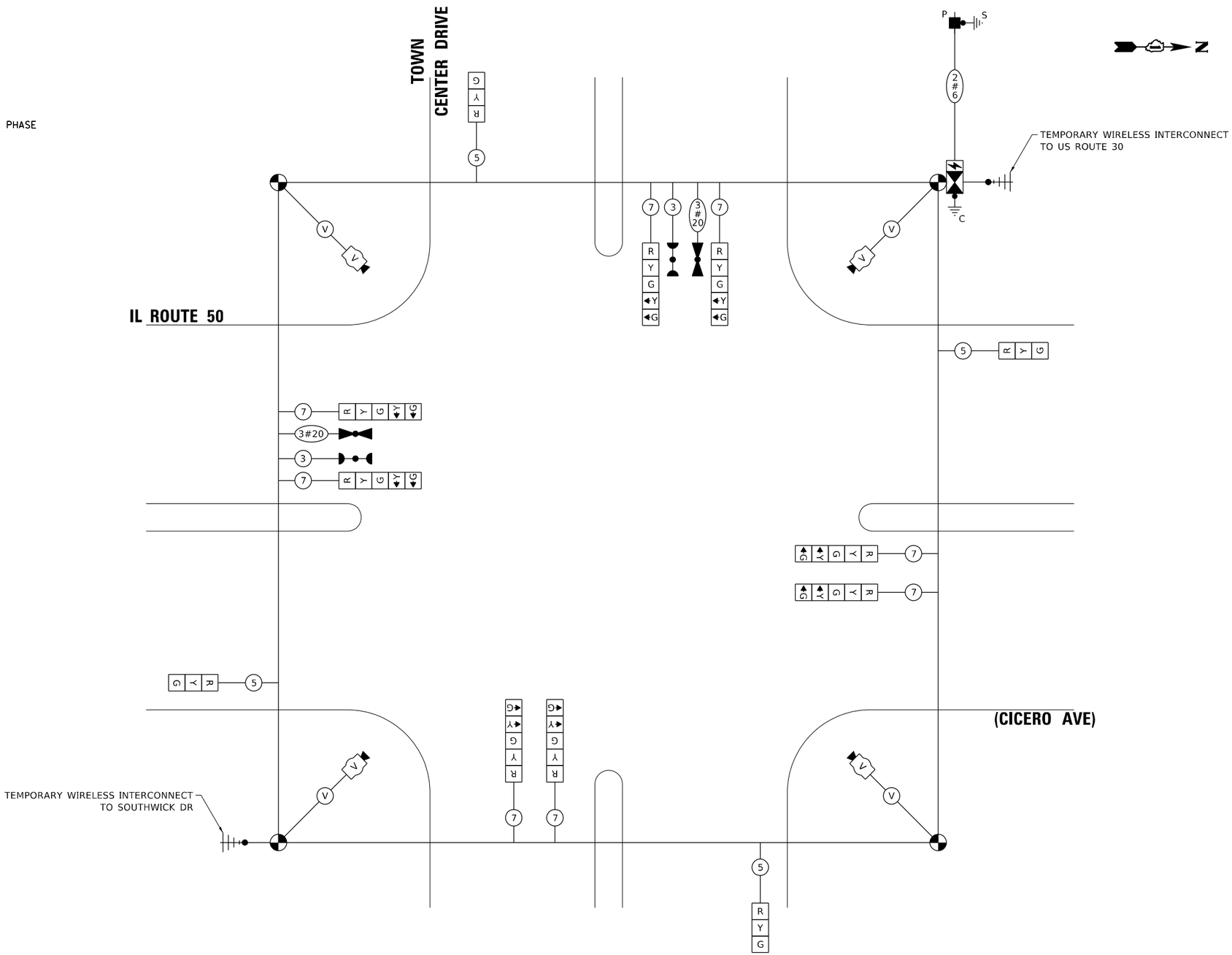
TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	12	11	50	66.0
(YELLOW)	12	20	5	12.0
(GREEN)	12	12	45	64.8
PERMISSIVE ARROW	16	10	10	16.0
PED. SIGNAL	0	20	100	0.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	-	-	-
			TOTAL =	433.8

ENERGY COSTS TO:

VILLAGE OF MATTESON
4900 VILLAGE COMMONS
MATTESON, IL 60443

ENERGY SUPPLY: CONTACT: ILYAS MAKIUDDIN
PHONE: (708) 235-2632
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: 10020-55095



TEMPORARY CABLE PLAN

(NOT TO SCALE)

TS 2630
ECON 54

TS SHT NO. 63

MODEL: Default
FILE NAME: Z:\18-0012-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Traffic Signal\Sheets\SHT_TownCenterDr_Temporary Cable Plan.dgn

Peralte-Clark LLC

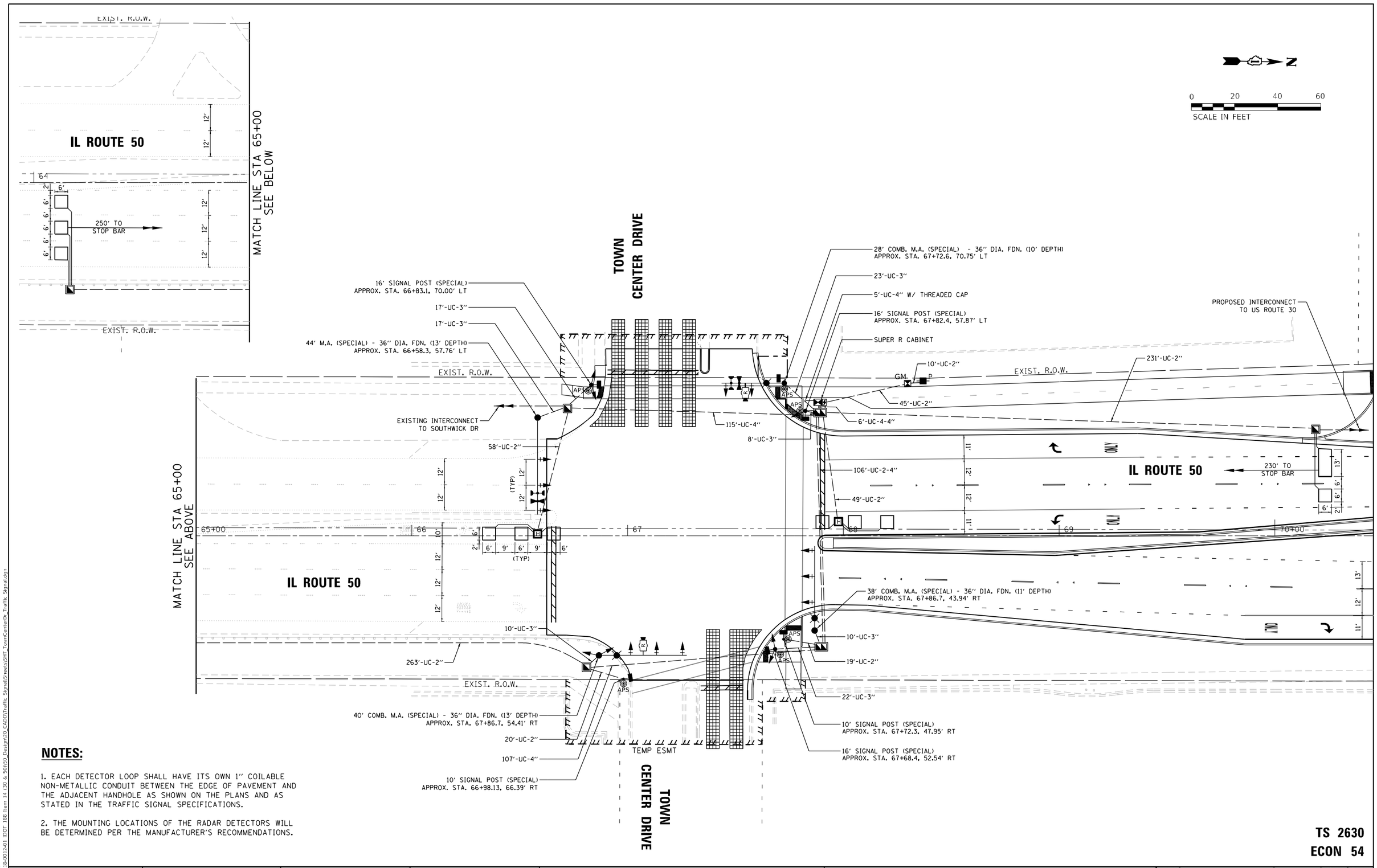
USER NAME = MET	DESIGNED - ASH	REVISED -
	DRAWN - ASH	REVISED -
PLOT SCALE = 40.2189 ' / in.	CHECKED - JAC	REVISED -
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE
IL ROUTE 50 AND TOWN CENTER DRIVE

SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	196
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		



NOTES:

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

2. THE MOUNTING LOCATIONS OF THE RADAR DETECTORS WILL BE DETERMINED PER THE MANUFACTURER'S RECOMMENDATIONS.

TS 2630
ECON 54

TS SHT NO. 64

MODEL: Default
FILE NAME: Z:\18-00124-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CAD\Traffic Signal\Sheets\SHT_TownCenterDr_Traffic Signal.dgn

Peralte-Clark LLC

USER NAME = MET	DESIGNED - ASH	REVISED -	
	DRAWN - ASH	REVISED -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - JAC	REVISED -	
PLOT DATE = 4/28/2023	DATE - 2-28-2023	REVISED -	

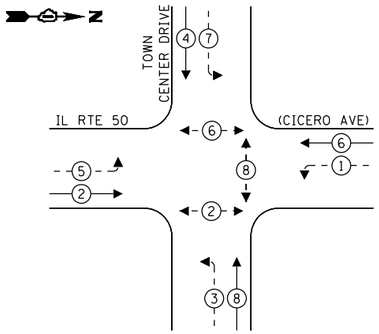
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODERNIZATION PLAN
IL ROUTE 50 AND TOWN CENTER DRIVE

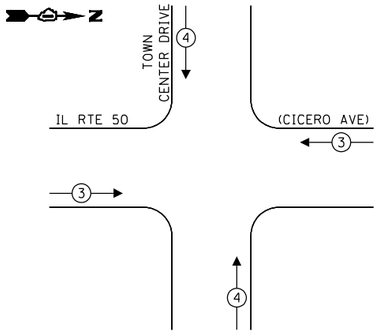
SCALE: 1" = 20' | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	197
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			

PROPOSED CONTROLLER SEQUENCE



PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE



LEGEND:

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

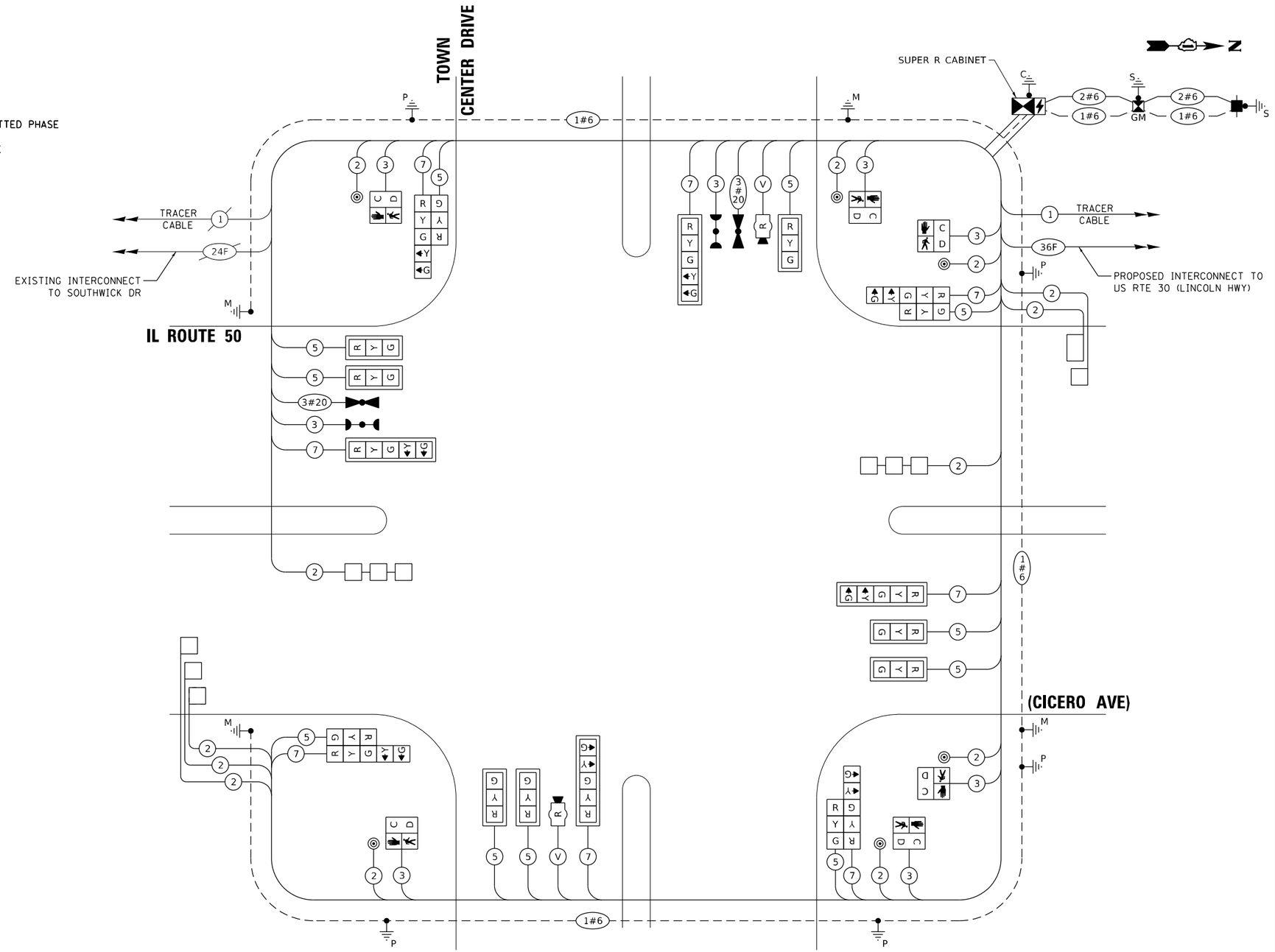
TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	19	11	50	99.0
(YELLOW)	19	20	5	18.0
(GREEN)	19	12	45	97.2
PERMISSIVE ARROW	16	10	10	16.0
PED. SIGNAL	6	20	100	120.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	150	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	-	-	-
			TOTAL =	475.2

ENERGY COSTS TO:

VILLAGE OF MATTESON
4900 VILLAGE COMMONS
MATTESON, IL 60443

ENERGY SUPPLY: CONTACT: ILYAS MAKIUDDIN
PHONE: (708) 235-2632
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: 10020-55095



CABLE PLAN

(NOT TO SCALE)

TS 2630
ECON 54

TS SHT NO. 65

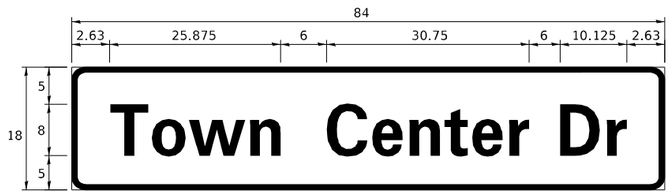
MODEL: Default
FILE NAME: Z:\18-0012-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Traffic_Signal\Sheets\SHT_TownCenterDr_Traffic_Signal_Schematic.dgn

Peralte-Clark LLC	USER NAME = MET	DESIGNED - ASH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
		DRAWN - ASH	REVISED -	CABLE PLAN, PHASE DESIGNATION DIAGRAM, AND EMERGENCY VEHICLE PREEMPTION SEQUENCE IL ROUTE 50 AND TOWN CENTER DRIVE
	PLOT SCALE = 40.2189 ' / in.	CHECKED - JAC	REVISED -	SHEET OF SHEETS STA. TO STA.
	PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -	

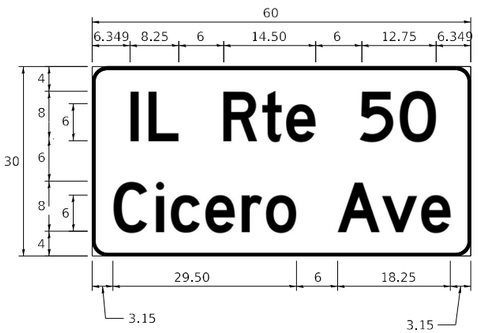
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	198
		CONTRACT NO. 62G38		
		ILLINOIS	FED. AID PROJECT	

SIGN PANEL – TYPE 1 OR TYPE 2

ALL DIMENSIONS ARE IN INCHES UNLESS NOTED OTHERWISE



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY REQUIRED
D	10.5	1	ZZ	2



DESIGN SERIES	AREA (SQ FT)	SIGN PANEL TYPE	SHEETING TYPE	QTY REQUIRED
D	12.5	2	ZZ	2

NOTE: 1. FOR ADDITIONAL DESIGN AND INSTALLATION INFORMATION PLEASE SEE DISTRICT ONE MAST ARM MOUNTED STREET NAME SIGNS DETAIL.

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY
SIGN PANEL - TYPE 2	SQ FT	46
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	695
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	107
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	463
HANDHOLE	EACH	5
HEAVY-DUTY HANDHOLE	EACH	2
DOUBLE HANDHOLE	EACH	2
TRANSCEIVER - FIBER OPTIC	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	944
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	944
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2205
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1557
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	1752
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	63
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	625
CONCRETE FOUNDATION, TYPE A	FOOT	12
CONCRETE FOUNDATION, TYPE C	EACH	4
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	47
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	7
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	4
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	4
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	6
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	11
INDUCTIVE LOOP DETECTOR	EACH	7
DETECTOR LOOP, TYPE I	FOOT	510
LIGHT DETECTOR	EACH	2
LIGHT DETECTOR AMPLIFIER	EACH	1
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	11
REMOVE EXISTING DOUBLE HANDHOLE	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	7
EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	321
FULL-ACTUATED CONTROLLER AND TYPE SUPER R CABINET (SPECIAL)	EACH	1
SERVICE INSTALLATION - GROUND MOUNTED, METERED	EACH	1
RADAR VEHICLE DETECTION SYSTEM, SINGLE APPROACH, STOP BAR	EACH	2
TRAFFIC SIGNAL POST, 10 FOOT, (SPECIAL)	EACH	2
TRAFFIC SIGNAL POST, 16 FOOT, (SPECIAL)	EACH	3
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	1
ACCESSIBLE PEDESTRIAN SIGNAL	EACH	6
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 28 FT. (SPECIAL)	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 38 FT. (SPECIAL)	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT. (SPECIAL)	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 40 FT. (SPECIAL)	EACH	1
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	8
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1

TS 2630
ECON 54

TS SHT NO. 66

MODEL: Default
FILE NAME: 23-18-0012-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Traffic Signal\Streets\SHT_TownCenterDr_Street Name Signs & Schedule of Quantities.dgn

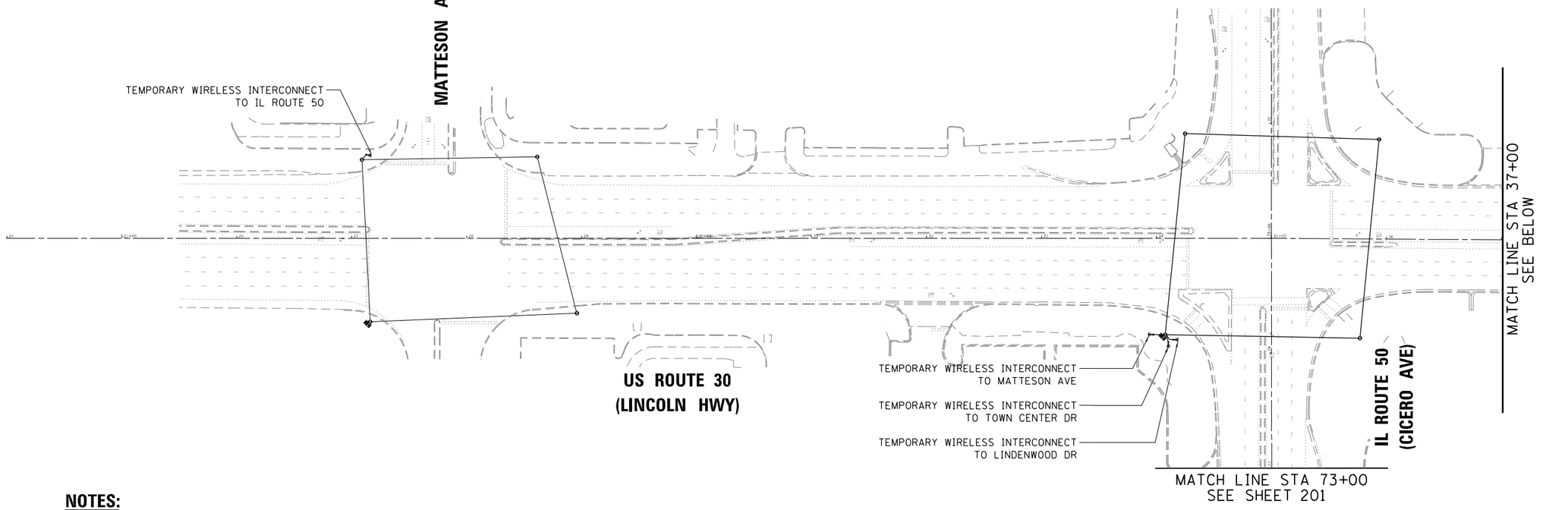
Peralte-Clark LLC

USER NAME = MET	DESIGNED - ASH	REVISED -
	DRAWN - ASH	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - JAC	REVISED -
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

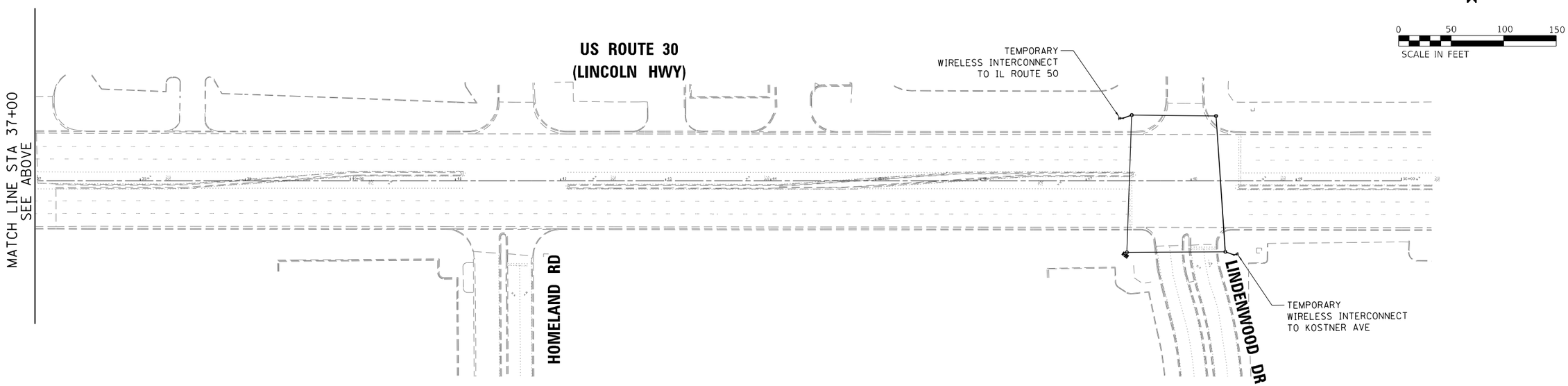
MAST ARM MOUNTED STREET NAME SIGNS AND SCHEDULE OF QUANTITIES
IL ROUTE 50 AND TOWN CENTER DRIVE
SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	199
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		



NOTES:

1. TEMPORARY WIRELESS INTERCONNECT TO BE INSTALLED AT KOSTNER AVE TO MAINTAIN INTERCONNECT FUNCTIONALITY



ECON 54

TS SHT NO. 67

MODEL: Default
FILE NAME: 23:18-00123-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Traffic Signal\Sheets\SHT_US30IL50_Temporary Interconnect.dgn

Peralte-Clark LLC

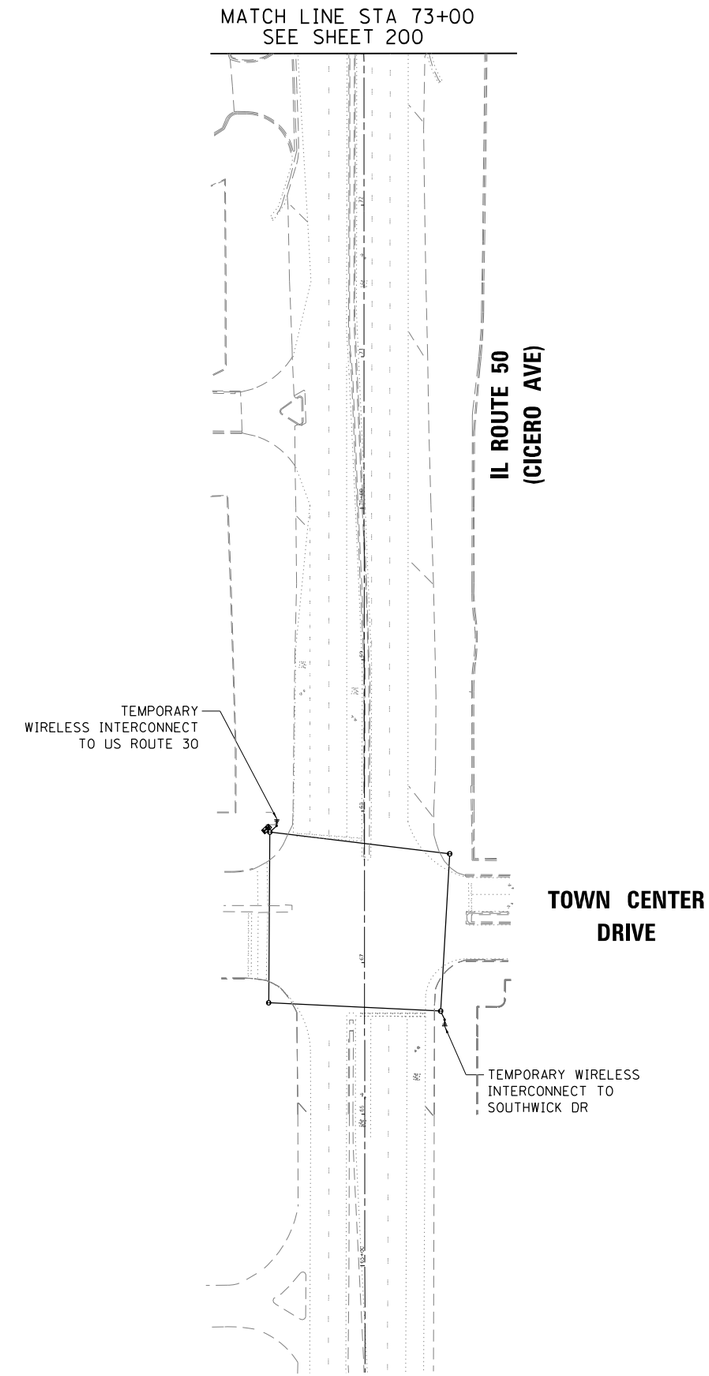
USER NAME = MET	DESIGNED - ASH	REVISED -	
	DRAWN - ASH	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED - JAC	REVISED -	
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -	

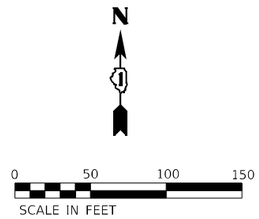
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY INTERCONNECT PLAN
US ROUTE 30 (LINCOLN HIGHWAY)

SCALE: 1" = 50' | SHEET OF SHEETS | STA. 27+00 | TO STA.50+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	200
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		





NOTES:

1. TEMPORARY WIRELESS INTERCONNECT TO BE INSTALLED AT SOUTHWICK DRIVE TO MAINTAIN INTERCONNECT FUNCTIONALITY.

2. DISCONNECT EXISTING INTERCONNECT CABLE TO SOUTHWICK DRIVE AT THE TOWN CENTER DRIVE CONTROLLER AND PULL BACK AND STORE IN THE DOUBLE HANDHOLE AT THE NORTHWEST QUADRANT OF SOUTHWICK DRIVE.

ECON 54

TS SHT NO. 68

MODEL: Default
FILE NAME: Z:\18-00132-01 IDOT 188 Item 14 130 & 50\150_Design\20_CADD\Traffic Signal\Sheets\SHT_US30ILS0_Temporary Interconnect_2.dgn

Peralte-Clark LLC

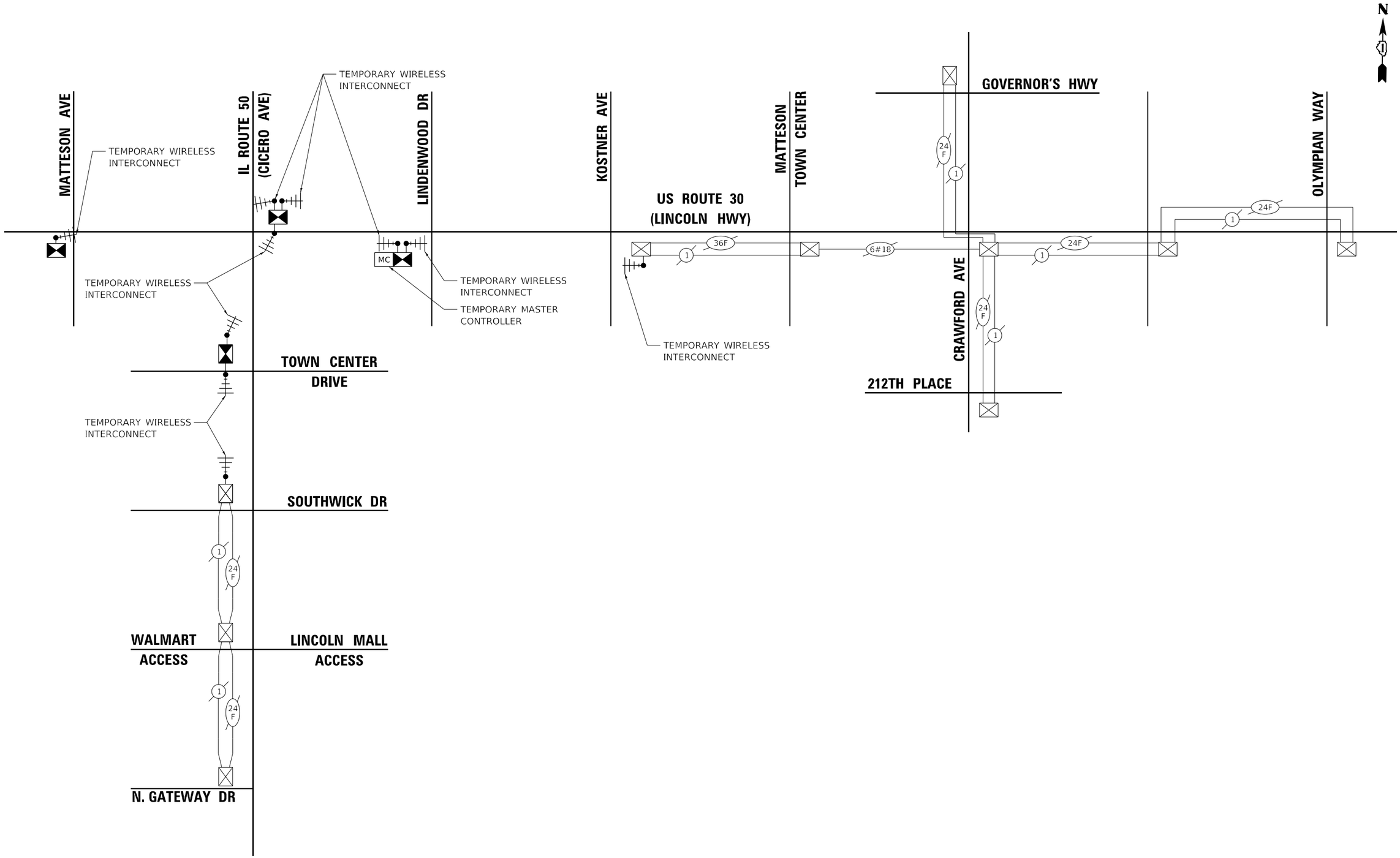
USER NAME = MET	DESIGNED - ASH	REVISED -
	DRAWN - ASH	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - JAC	REVISED -
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY INTERCONNECT PLAN
IL ROUTE 50 (CICERO AVENUE)

SCALE: 1" = 50' | SHEET OF SHEETS | STA. 27+00 TO STA.50+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	201
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		



ECON 54

TS SHT NO. 69

MODEL: Default
FILE NAME: P:\18-0012-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Traffic Signals\Sheets\SHT_US30IL50_Temporary Interconnect Schematic.dgn

Peralte-Clark LLC

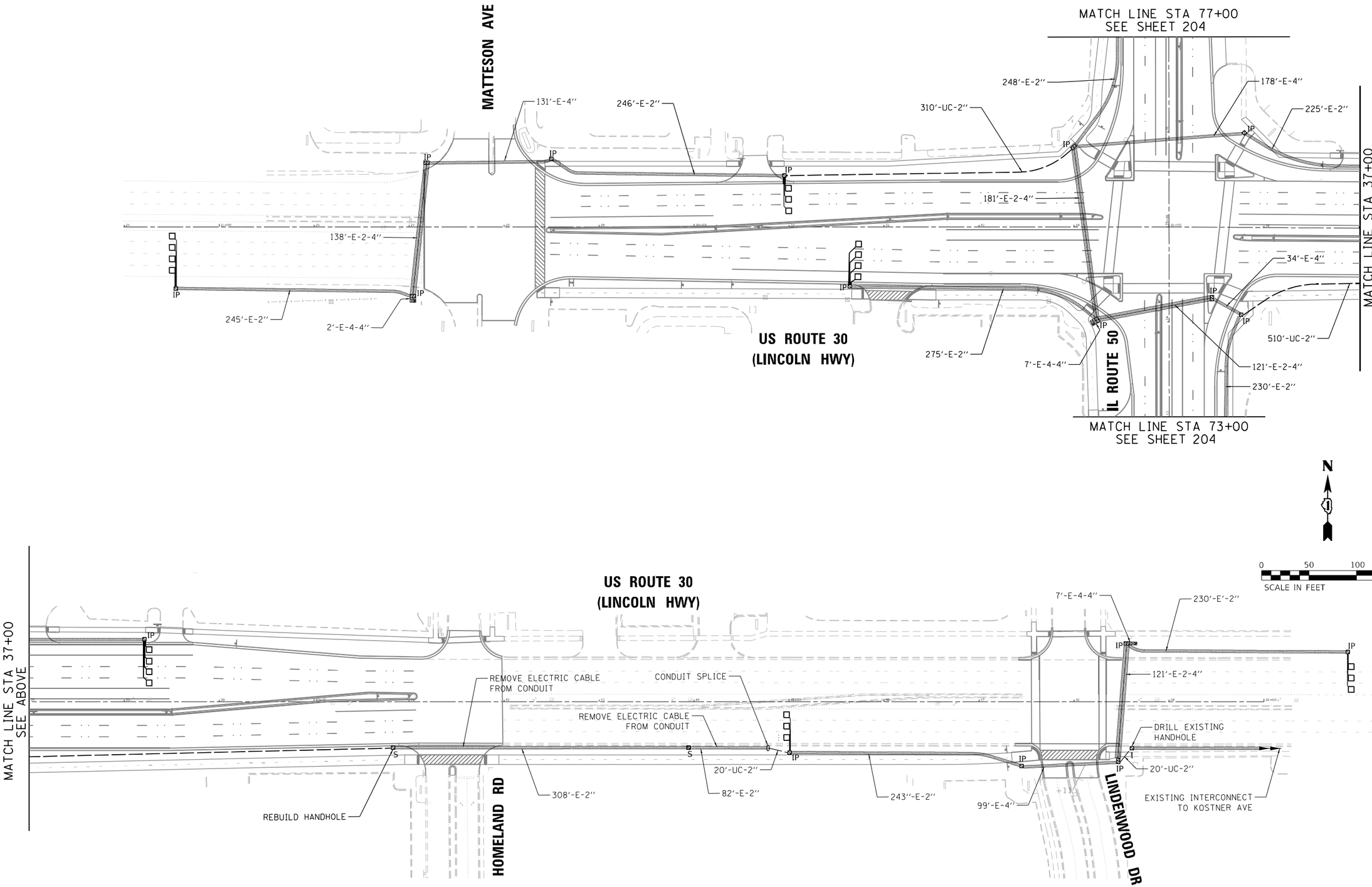
USER NAME = MET	DESIGNED - ASH	REVISED -
	DRAWN - ASH	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - JAC	REVISED -
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY INTERCONNECT SCHEMATIC
US ROUTE 30 (LINCOLN HIGHWAY) & IL ROUTE 50 (CICERO AVENUE)

SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	202
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		



ECON 54

TS SHT NO. 70

MODEL: Default
FILE NAME: Z:\18-00127-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Traffic Signal\Sheets\SHT_US30ILS0_Proposed Interconnect.dgn

Peralte-Clark LLC

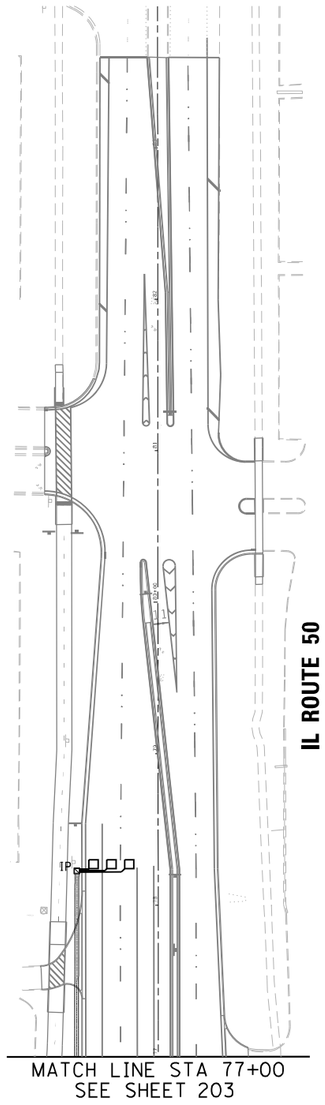
USER NAME = MET		DESIGNED - ASH		REVISED -	
		DRAWN - ASH		REVISED -	
PLOT SCALE = 100.0000 ' / in.		CHECKED - JAC		REVISED -	
PLOT DATE = 4/27/2023		DATE - 2-28-2023		REVISED -	

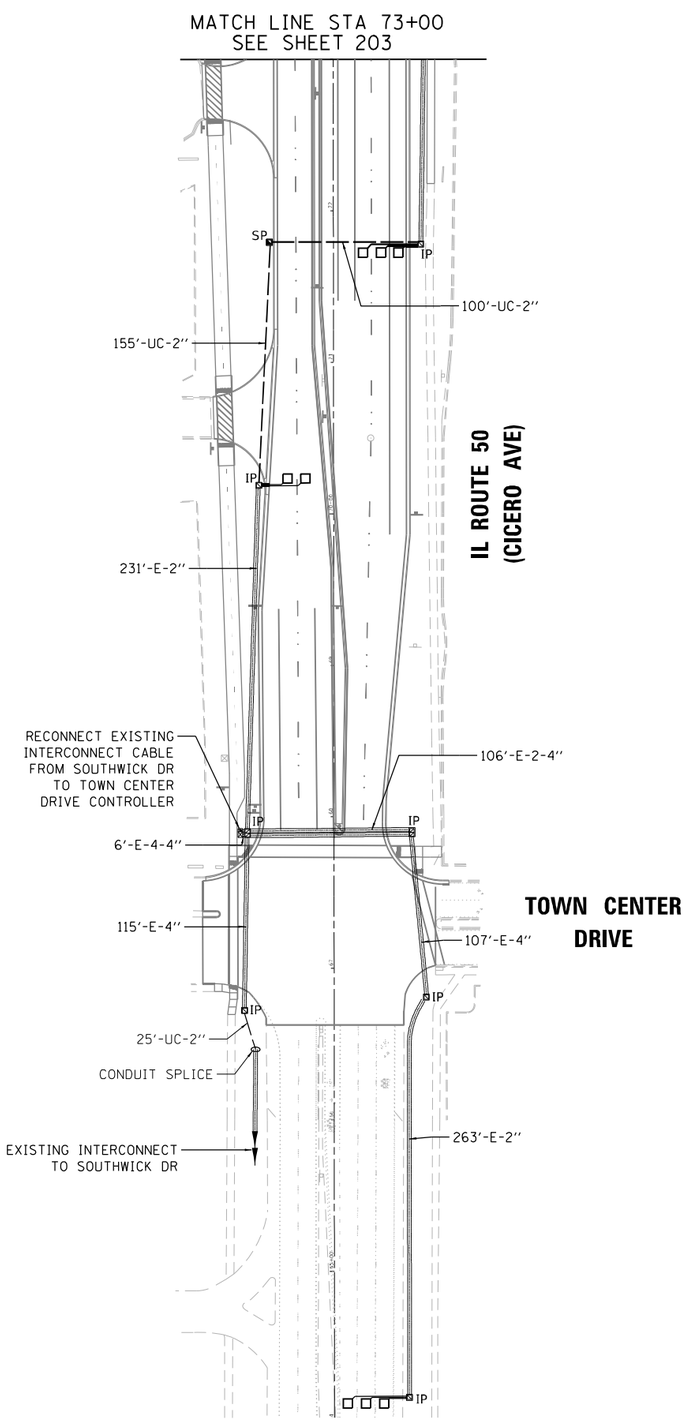
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED INTERCONNECT PLAN
US ROUTE 30 (LINCOLN HIGHWAY)

SCALE: 1" = 50' | SHEET OF SHEETS | STA. 27+00 | TO STA.50+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	203
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		





ECON 54

TS SHT NO. 71

MODEL: Default
FILE NAME: P:\18-00127-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Traffic Signal\Sheets\SHT_US30IL50_Proposed Interconnect 2.dgn

Peralte-Clark LLC

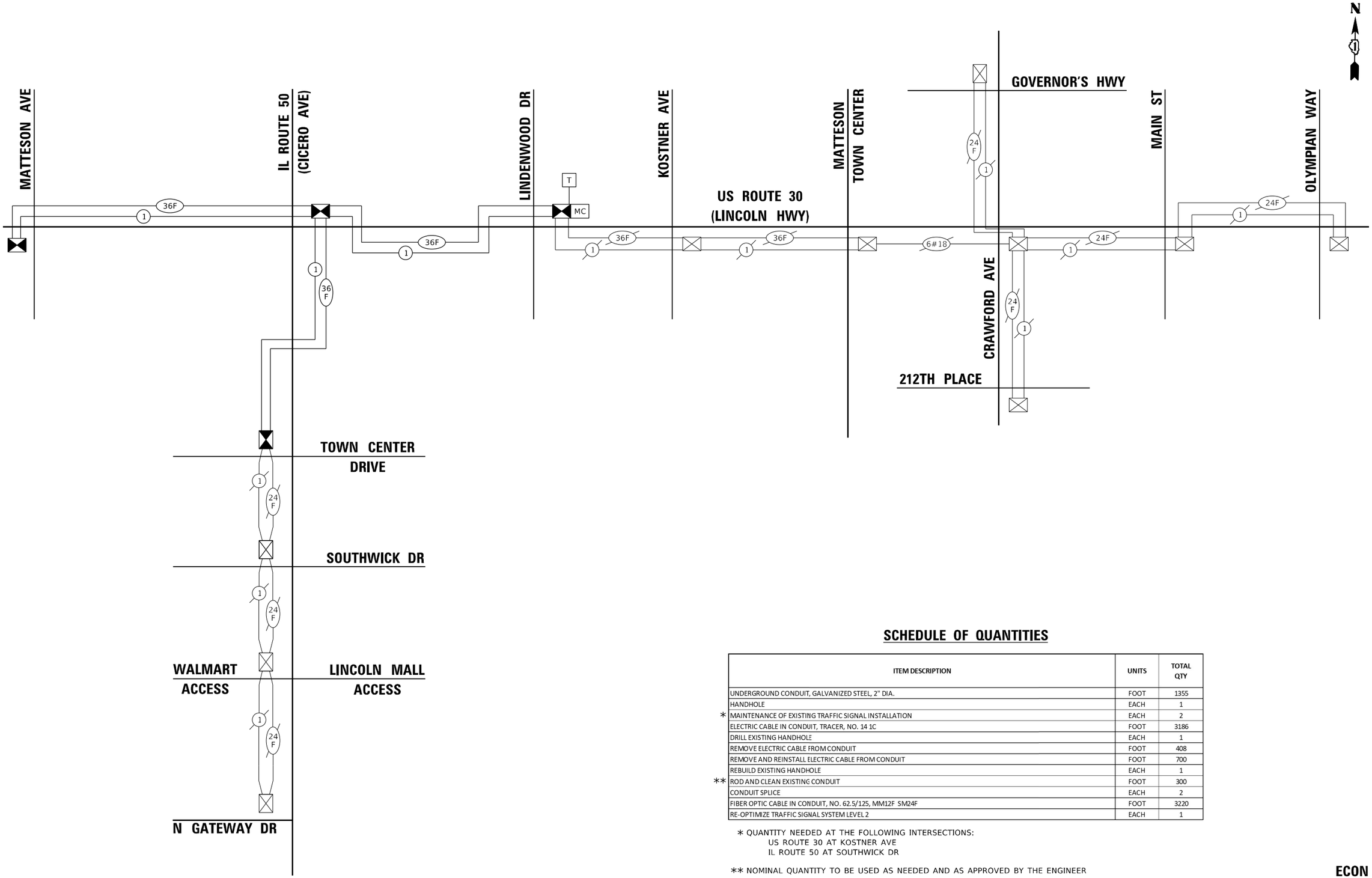
USER NAME = MET	DESIGNED - ASH	REVISED -
	DRAWN - ASH	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - JAC	REVISED -
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED INTERCONNECT PLAN
IL ROUTE 50 (CICERO AVENUE)

SCALE: 1" = 50' | SHEET OF SHEETS | STA. 27+00 | TO STA.50+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	204
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		



SCHEDULE OF QUANTITIES

	ITEM DESCRIPTION	UNITS	TOTAL QTY
	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	1355
	HANDHOLE	EACH	1
*	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2
	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	3186
	DRILL EXISTING HANDHOLE	EACH	1
	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	408
	REMOVE AND REINSTALL ELECTRIC CABLE FROM CONDUIT	FOOT	700
	REBUILD EXISTING HANDHOLE	EACH	1
**	ROD AND CLEAN EXISTING CONDUIT	FOOT	300
	CONDUIT SPLICE	EACH	2
	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	3220
	RE-OPTIMIZE TRAFFIC SIGNAL SYSTEM LEVEL 2	EACH	1

* QUANTITY NEEDED AT THE FOLLOWING INTERSECTIONS:
US ROUTE 30 AT KOSTNER AVE
IL ROUTE 50 AT SOUTHWICK DR

** NOMINAL QUANTITY TO BE USED AS NEEDED AND AS APPROVED BY THE ENGINEER

ECON 54

TS SHT NO. 72

MODEL: Default
FILE NAME: Z:\18-00124-01 IDOT 188 Item 14 I30 & I50\I50_Design\20_CADD\Traffic Signal\Sheets\SHT_US30ML50_Proposed Interconnect Schematic.dgn

Peralte-Clark LLC

USER NAME = MET	DESIGNED - ASH	REVISED -
	DRAWN - ASH	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED - JAC	REVISED -
PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED INTERCONNECT SCHEMATIC
US ROUTE 30 (LINCOLN HIGHWAY) & IL ROUTE 50 (CICERO AVENUE)

SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	205
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

LIGHTING GENERAL NOTES

1. THE ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST CODES, STANDARDS AND THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS, LATEST EDITIONS.
2. THE AERIAL CABLE INSTALLATION FOR TEMPORARY LIGHTING SHALL COMPLY WITH NATIONAL ELECTRIC CODE (NEC) AND COMED STANDARDS FOR MINIMUM VERTICAL AND HORIZONTAL CLEARANCES.
3. THE CONTRACTOR SHALL CONTACT THE VILLAGE OF MATTESON AND THE IDOT DISTRICT ONE ELECTRICAL MAINTENANCE CONTRACTOR TO LOCATE ELECTRICAL EQUIPMENT AND UNDERGROUND CABLES.
4. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
5. PAY ITEMS IN THE SUMMARY OF QUANTITIES HAVE BEEN ESTIMATED. IF, IN THE ENGINEER'S OPINION, ANY WORK IS NOT REQUIRED, THAT ITEM WILL BE DEDUCTED FROM THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
6. EXISTING LIGHTING WILL REMAIN OPERATIONAL UNTIL TEMPORARY LIGHTING IS INSTALLED AND OPERATIONAL. TEMPORARY LIGHTING WILL REMAIN OPERATIONAL UNTIL PROPOSED LIGHTING SYSTEMS ARE INSTALLED AND OPERATIONAL.
7. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MARK THE PROPOSED LOCATIONS OF ALL LIGHT POLES AND LIGHTING CONTROLLERS AND FOR EXAMINATION AND CONFIRMATION WITH THE RESIDENT ENGINEER.
8. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO AUGURING FOR LIGHT POLE FOUNDATIONS. THE EXACT LOCATIONS FOR ALL ITEMS SHALL BE CONFIRMED WITH THE RESIDENT ENGINEER PRIOR TO STARTING WORK.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT OF FINISHED GRADE. THE RESIDENT ENGINEER MAY ASSIST THE CONTRACTOR, AS APPLICABLE. BUT THE RESPONSIBILITY FOR COORDINATING THE FINISHED GRADE ELEVATION WITH THE TOP OF FOUNDATION HEIGHTS AND THE LIGHT SHALL REMAIN WITH THE CONTRACTOR.
10. NO POLES SHALL BE ERECTED UNTIL THE RESPECTIVE FOUNDATIONS HAVE CURED, AS APPROVED BY THE ENGINEER.
11. CONDUIT AND UNIT DUCT MUST BE POSITIONED IN THE FIELD TO AVOID CONFLICT WITH TREES, BUSHES, DRAINS, OTHER UTILITIES AND LANDSCAPING.
12. THE CABLE TRENCH SHALL BE BACKFILLED AND FIRMLY COMPACTED BEFORE ANY LIGHT STANDARD IS ERECTED.
13. ANY DAMAGE TO PAVEMENT, SIDEWALK, CURB OR ANY OTHER SURFACES NOT SPECIFICALLY TO BE REMOVED AND REPLACED SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST AND REPLACEMENT SHALL MEET THE APPROVAL OF THE ENGINEER.
14. COORDINATE WITH TRAFFIC SIGNAL PLANS FOR EXACT LOCATIONS OF MAST ARM, SIGNAL POLES, AND WIRING.
15. OFFSET CALL OFF FOR TEMPORARY LIGHT POLES ARE FROM THE CONSTRUCTION CENTERLINE/BASELINE TO THE CENTER OF THE POLE. OFFSET CALL OFF FOR PROPOSED LIGHT POLES ARE FROM THE EDGE OF PAVEMENT (EOP) OR FACE OF CURB (FOC) AS NOTED ON THE PLANS.
16. REMOVAL OF LIGHTING UNIT, SALVAGE SHALL BE DELIVERED TO THE VILLAGE OF MATTESON PUBLIC WORKS, 21146 TOWER AVENUE, MATTESON, IL BETWEEN THE HOURS OF 7:00 AM AND 3:30 PM. CONTRACTOR SHALL CONTACT EDGAR DEISCH AT (708) 417-0105 A MINIMUM OF TWO WORKING DAYS BEFORE DELIVERING THE LIGHTING UNITS TO THE PUBLIC WORKS YARD.

STANDARD DETAILS

BE-240	COMBINATION LIGHTING, TRAFFIC SIGNAL SCHEMATIC
BE-301	LIGHT POLE FOUNDATION 40' TO 47 1/2' M.H. 15" BOLT CIRCLE
BE-702	MISCELLANEOUS ELECTRICAL DETAILS, SHEET A - (CABLE SPLICE, POLE WIRING, TRENCH DETAIL)
BE-800	TEMPORARY LIGHT POLE
BE-801	TEMPORARY AERIAL CABLE

LEGEND

—A—	AERIAL CABLE
E	EXISTING LIGHTING UNIT
T	TEMPORARY WOOD POLE AND LUMINAIRE SIZE, CLASS AND MAST ARM AS SPECIFIED
	NEW DECORATIVE LIGHT POLE 40.0' MOUNTING HEIGHT, 15' MAST ARM, 240V MODEL NO. K803-P4RAD-111-220(SSL)8084 (UNLESS NOTED OTHERWISE)
R	REMOVE AND RELOCATE EXISTING LIGHTING UNIT
	COMBINATION TRAFFIC SIGNAL POLE
	COMBINATION TRAFFIC SIGNAL POLE, ANGLED
	EXISTING LIGHTING CONTROLLER, 240/120 VOLT, 1 PHASE, 3 WIRE
	PROPOSED UNIT DUCT IN UNDERGROUND CONDUIT, SIZE AND TYPE AS NOTED
	PROPOSED UNIT DUCT, SIZE AND TYPE AS NOTED
+XX.XX / XX.X' RT	PROPOSED STATION, PROPOSED OFFSET FROM F.O.C.

K - 1

CIRCUIT DESIGNATION
CIRCUIT NUMBER

ABBREVIATIONS

ABBREVIATION	DESCRIPTION
AC	AERIAL CABLE
ATC	ATTACHED TO STRUCTURE
BOC	BACK OF CURB
CKT	CIRCUIT
DIA	DIAMETER
EIS	EMBEDDED IN STRUCTURE
EOP	EDGE OF PAVEMENT
FOC	FACE OF CURB
GND	GROUND
GSC	GALVANIZED STEEL CONDUIT
JB	JUNCTION BOX
LED	LIGHT EMITTING DIODE
MA	MAST ARM
MH	MOUNTING HEIGHT
NO. #	NUMBER
P	PROPOSED
PVC	POLYVINYL CHLORIDE
PVCC RGC	PVC COATED RIGID GALVANIZED CONDUIT
R	EXISTING UNIT TO BE REMOVED
RR	EXISTING UNIT TO BE REMOVED AND RELOCATED
RGC	RIGID GALVANIZED CONDUIT
SS	STAINLESS STEEL
STA	STATION
TEMP	TEMPORARY
T/F	TOP OF FOUNDATION
UD	UNIT DUCT
UNO	UNLESS NOTED OTHERWISE
UGC, GS	UNDERGROUND CONDUIT, GALVANIZED STEEL
WP	WOOD POLE

BILL OF MATERIALS

UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	925
UNDERGROUND CONDUIT, GALVANIZED STEEL, 5" DIA.	FOOT	795
UNIT DUCT, 600V, 3-1C NO.4, 1/C NO.4 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	7,838
AERIAL CABLE, 3-1/C NO. 4 WITH MESSENGER WIRE	FOOT	4,142
LIGHT POLE FOUNDATION, 30" DIAMETER	FOOT	520
REMOVAL OF TEMPORARY LIGHTING UNIT	EACH	17
REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	5
REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	43
REMOVAL OF POLE FOUNDATION	EACH	48
RELOCATE EXISTING LIGHTING UNIT	EACH	1
TEMPORARY WOOD POLE, 60 FT., CLASS 4, 15 FT. MAST ARM	EACH	17
TEMPORARY WOOD POLE, 60 FT., CLASS 4	EACH	1
TEMPORARY LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION G	EACH	17
LIGHTING UNIT COMPLETE, SPECIAL	EACH	39
MODIFY EXISTING LIGHTING CONTROLLER	EACH	1
MAINTENANCE OF LIGHTING SYSTEM	CAL MO	18

4/28/2023 STIMES
SFILES

EPSTEIN

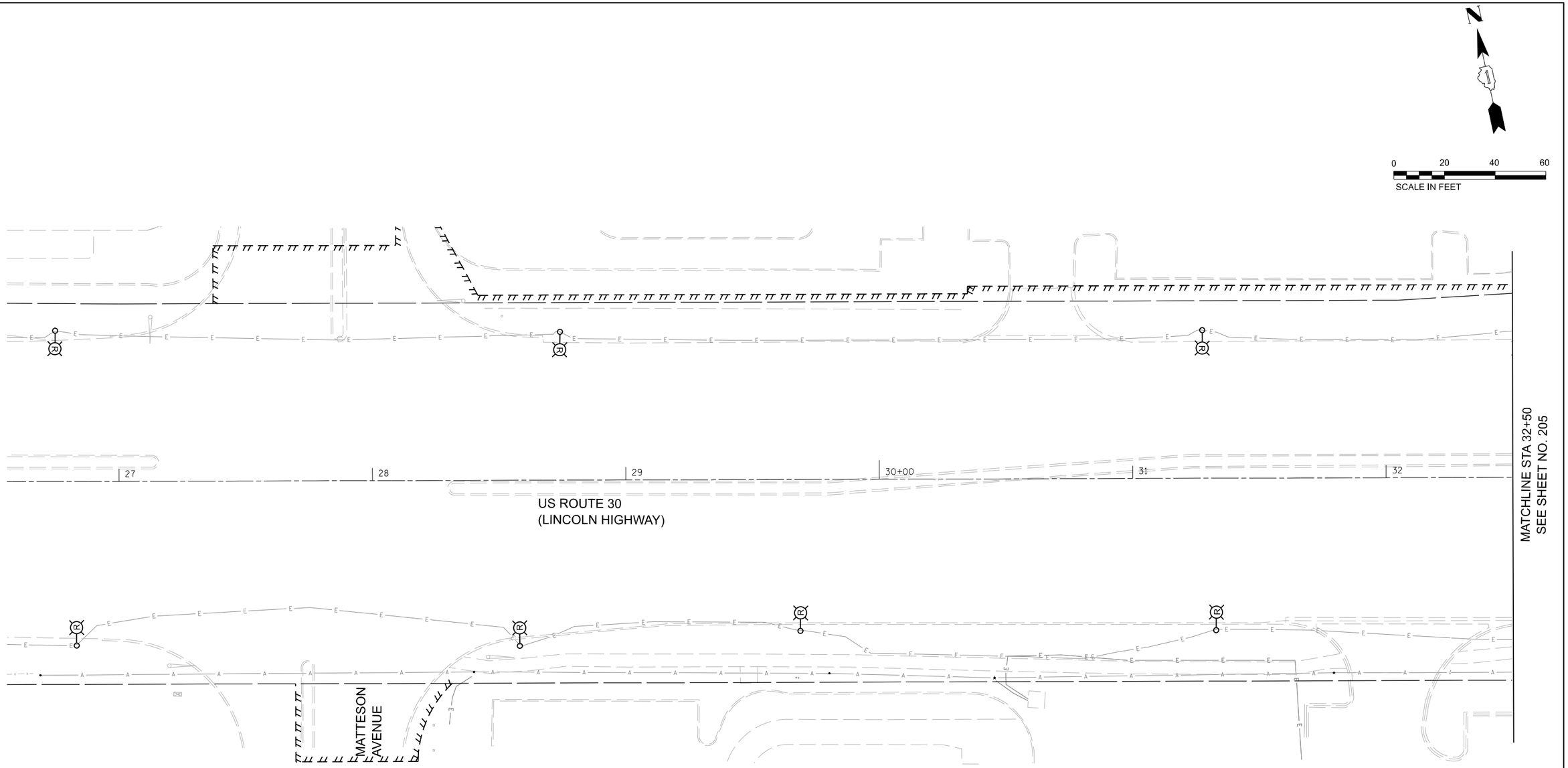
USER NAME = MET	DESIGNED - CG	REVISED -	
	DRAWN - MG	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - JRK	REVISED -	
PLOT DATE = 4/28/2023	DATE - 4/28/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 (LINCOLN HWY) AT IL. ROUTE 50 (S. CICERO AVE.)
LIGHTING GENERAL NOTES AND DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8HB-2	COOK	277	206
		CONTRACT NO. 62C38		
	ILLINOIS	FED. AID PROJECT		



NOTES

1. EXISTING ROADWAY LIGHTING TO REMAIN SHALL REMAIN OPERATIONAL DURING CONSTRUCTION.
2. TEMPOARY LIGHTING SHALL BE INSTALLED AND OPERATIONAL BEFORE ANY EXISTING LIGHT POLES CAN BE DISCONNECTED AND REMOVED.
3. CONTRACTOR SHALL MAINTAIN THE EXISITNG ROADWAY LIGHTING SYSTEM THROUGHOUT CONSTRUCTION AND SHALL BE INCLUDED IN PAY ITEM, "MAINTENANCE OF LIGHTING SYSTEM".
4. ONCE TEMPORARY LIGHTING IS OPERATIONAL, IT SHALL REMAIN UNTIL THE PRPOSED LIGHTING IS OPERATIONAL.
5. EXISTING LIGHT POLES SHALL BE REMOVED FROM EXISTING FOUNDATION, SALVAGED AND BE PROTECTED BY THE CONTRACTOR DURING CONSTRUCTION. CONTRACTOR SHALL SALAVGE THE EXISTING LIGHT POLE AND LUMINAIRE. EXISTING POLE FOUNDATION SHALL BE REMOVED.
6. EXISTING UNDERGROUND CABLES TO EXISTING LIGHT POLES SHALL BE REMOVED AND THE CONDUIT ABANDONED IN PLACE.

LEGEND

- REMOVE LIGHT POLE AND LUMINAIRE
- EXISTING LIGHTING CONTROLLER

EPSTEIN

USER NAME = MET	DESIGNED - CG	REVISED -	
	DRAWN - MG	REVISED -	
PLOT SCALE = 40.0010 ' / in.	CHECKED - JRK	REVISED -	
PLOT DATE = 4/28/2023	DATE - 4/28/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 (LINCOLN HWY) AT IL. ROUTE 50 (S. CICERO AVE.)
REMOVAL LIGHTING PLANS

SCALE: 1"=20' | SHEET 1 OF 7 SHEETS | STA. 28+75 | TO STA. 32+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8HB-2	COOK	277	207
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			

4/28/2023 $TIMES
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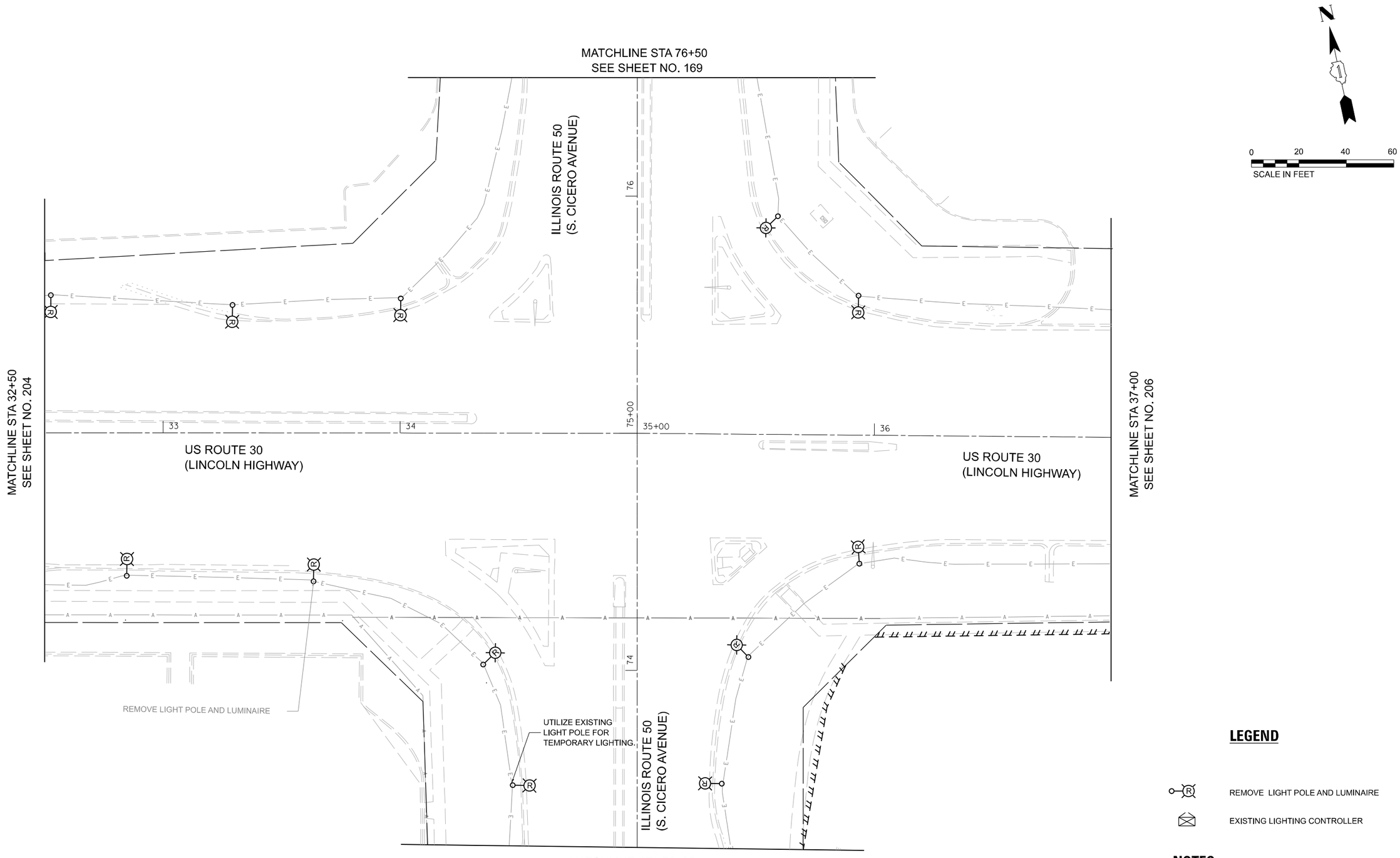

LEGEND

- REMOVE LIGHT POLE AND LUMINAIRE
- EXISTING LIGHTING CONTROLLER

NOTES

SEE SHEET 1 OF LIGHTING REMOVAL PLANS

EPSTEIN	USER NAME = MET	DESIGNED - CG	REVISED -
		DRAWN - MG	REVISED -
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	PLOT DATE = 4/28/2023	DATE - 4/28/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 (LINCOLN HWY) AT IL. ROUTE 50 (S. CICERO AVE.)
LIGHTING REMOVAL PLANS

SCALE: 1"=20' | SHEET 2 OF 7 SHEETS | STA. 32+50 | TO STA. 37+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8HB-2	COOK	277	208
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			

4/28/2023 STIMES
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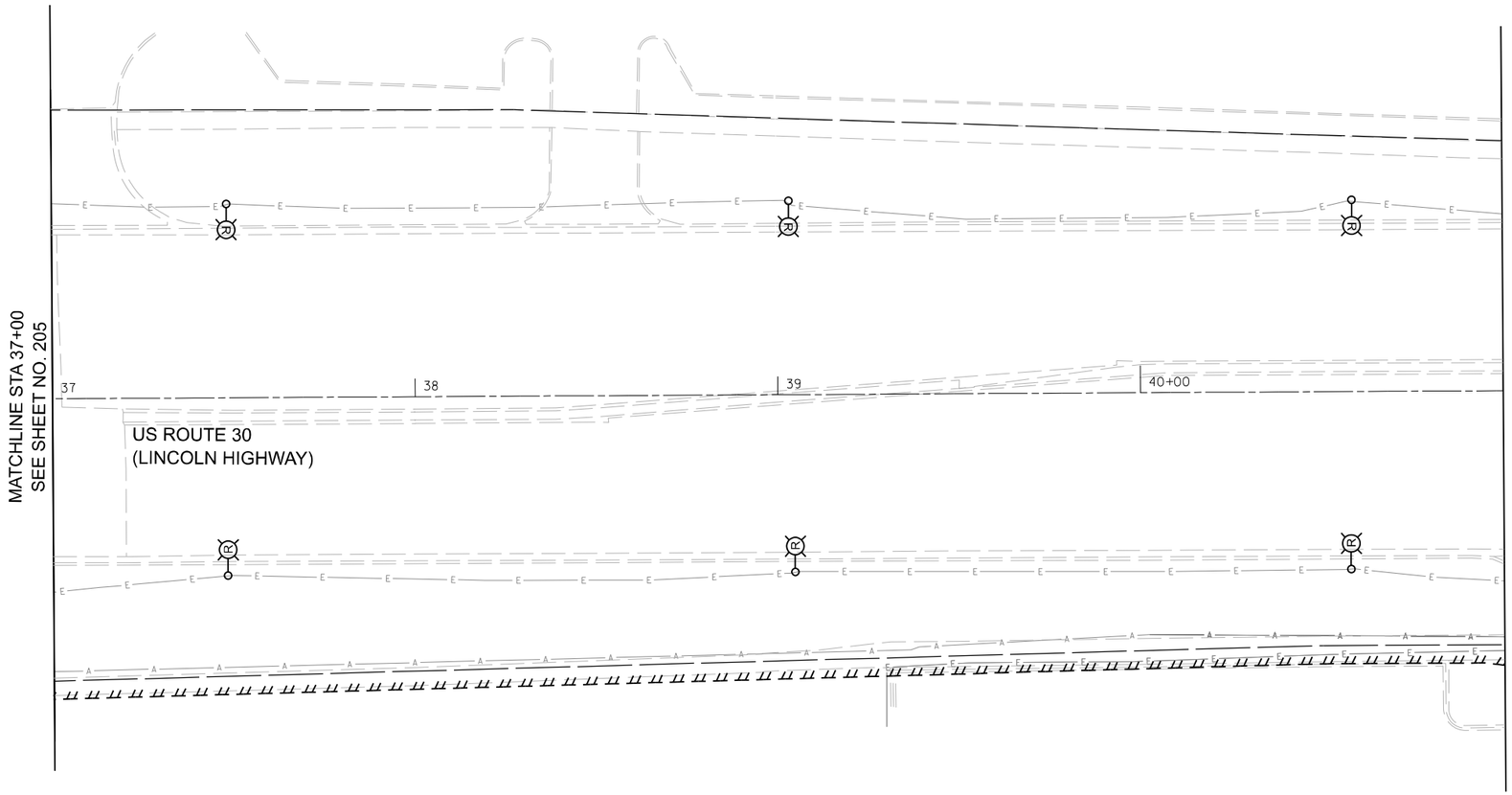


LEGEND

REMOVE LIGHT POLE AND LUMINAIRE

EXISTING LIGHTING CONTROLLER

NOTES

SEE SHEET 1 OF LIGHTING REMOVAL PLANS

4/28/2023 STIMES
SFILES

EPSTEIN

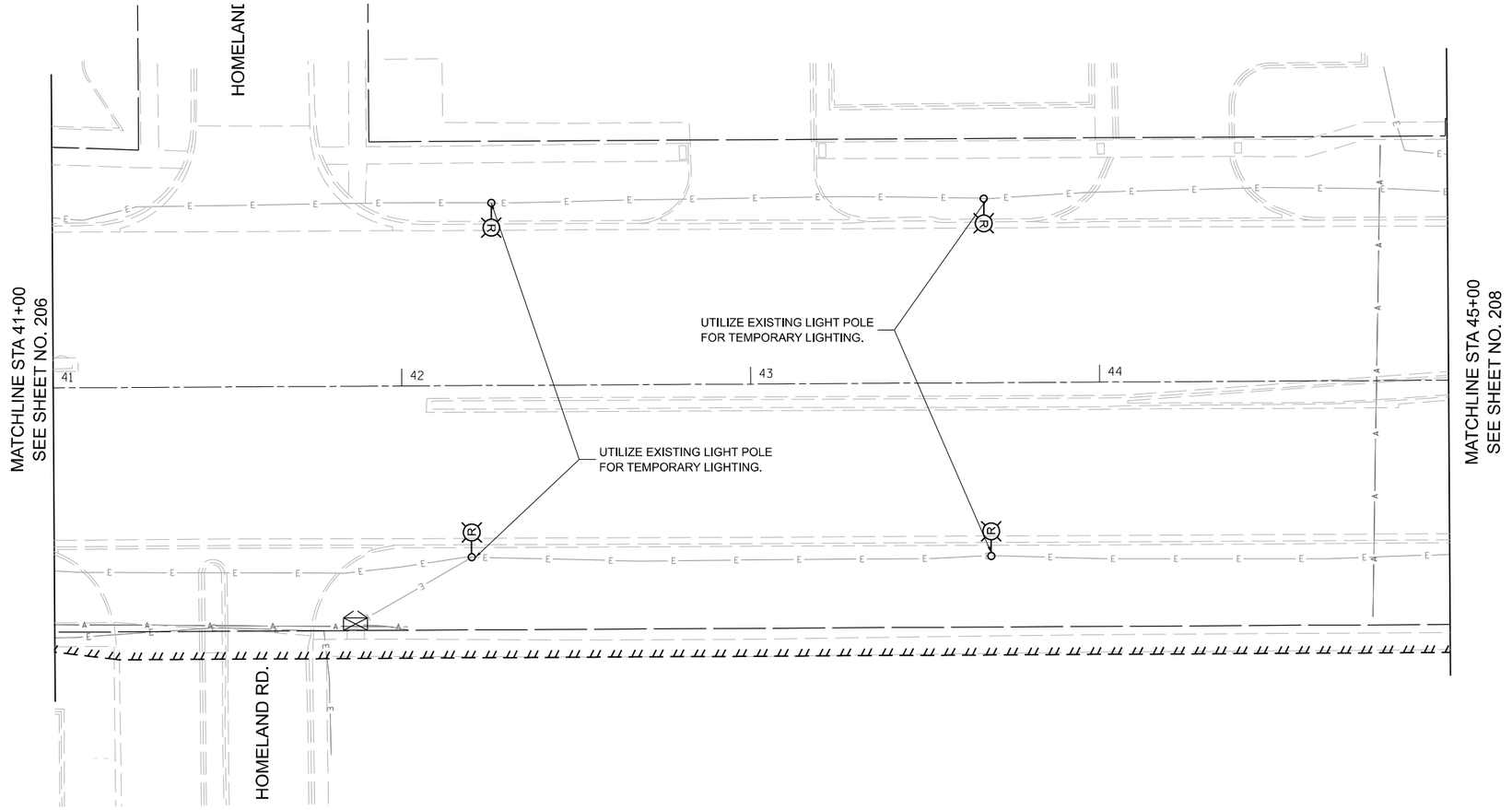
USER NAME = MET	DESIGNED - CG	REVISED -
	DRAWN - MG	REVISED -
PLOT SCALE = 40.0010 ' / in.	CHECKED - JRK	REVISED -
PLOT DATE = 4/28/2023	DATE - 4/28/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 (LINCOLN HWY) AT IL. ROUTE 50 (S. CICERO AVE.)
LIGHTING REMOVAL PLANS

SCALE: 1"=20' | SHEET 3 OF 7 SHEETS | STA. 37+00 | TO STA. 41+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8HB-2	COOK	277	209
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			



LEGEND

REMOVE LIGHT POLE AND LUMINAIRE

EXISTING LIGHTING CONTROLLER

NOTES

SEE SHEET 1 OF LIGHTING REMOVAL PLANS

EPSTEIN	USER NAME = MET	DESIGNED - CG	REVISED -
		DRAWN - MG	REVISED -
	PLOT SCALE = 40.0010 ' / in.	CHECKED - JRK	REVISED -
	PLOT DATE = 4/28/2023	DATE - 4/28/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 (LINCOLN HWY) AT IL. ROUTE 50 (S. CICERO AVE.)
LIGHTING REMOVAL PLANS

SCALE: 1"=20' | SHEET 4 OF 7 SHEETS | STA. 41+00 | TO STA. 45+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8HB-2	COOK	277	210
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			

4/28/2023 $TIME$
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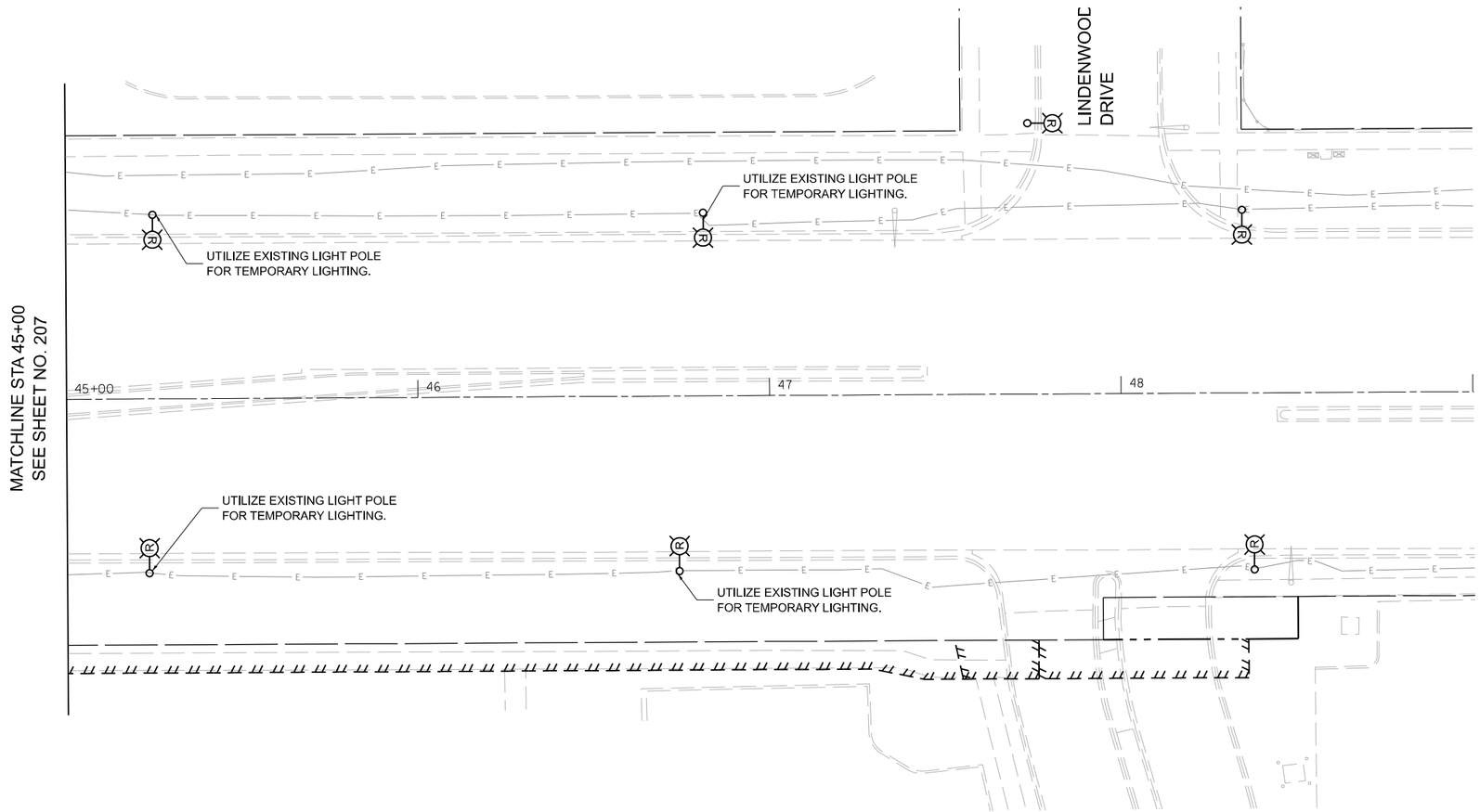


LEGEND

REMOVE LIGHT POLE AND LUMINAIRE

EXISTING LIGHTING CONTROLLER

NOTES

SEE SHEET 1 OF LIGHTING REMOVAL PLANS

4/28/2023 STIMES
SFILES

EPSTEIN

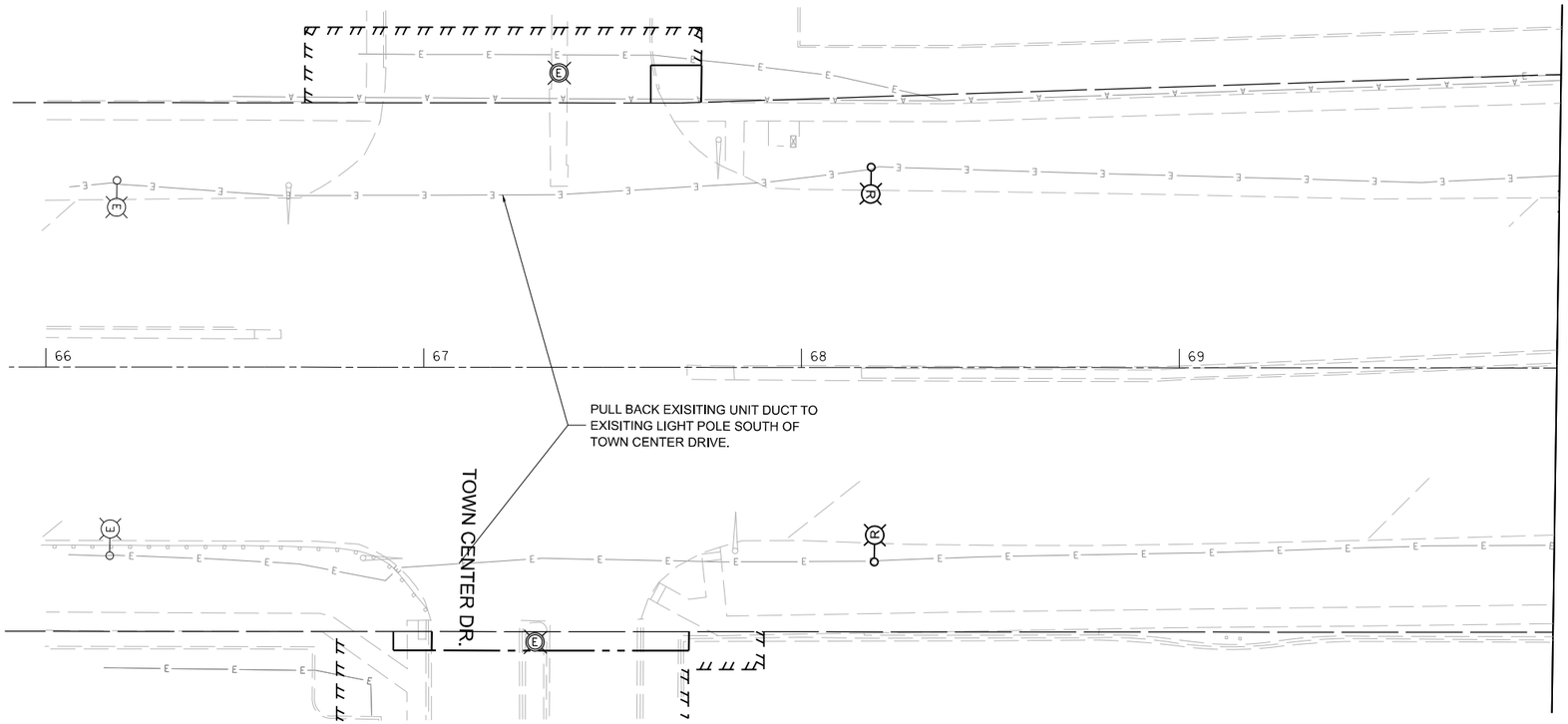
USER NAME = MET	DESIGNED - CG	REVISED -
	DRAWN - MG	REVISED -
PLOT SCALE = 40.0010 ' / in.	CHECKED - JRK	REVISED -
PLOT DATE = 4/28/2023	DATE - 4/28/2023	REVISED -

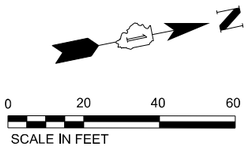
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

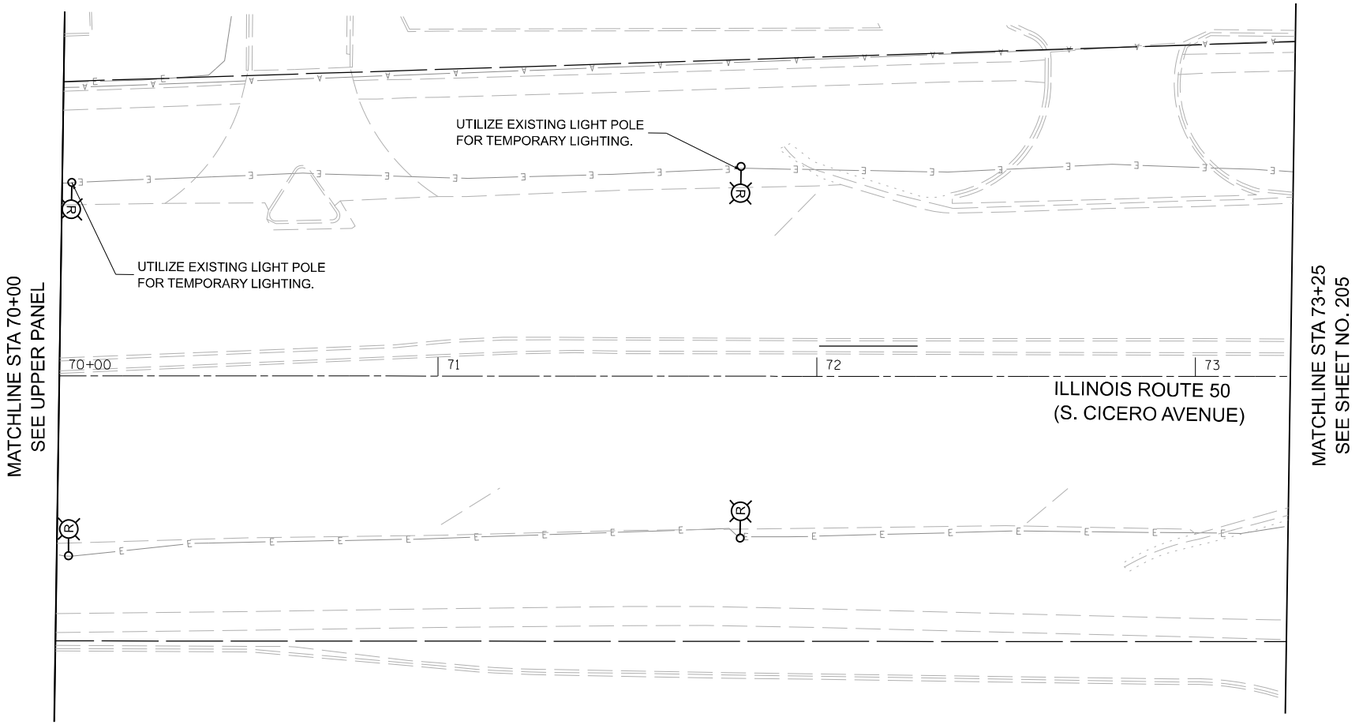
U.S. ROUTE 30 (LINCOLN HWY) AT IL. ROUTE 50 (S. CICERO AVE.)
LIGHTING REMOVAL PLANS

SCALE: 1"=20' | SHEET 5 OF 7 SHEETS | STA. 45+00 TO STA. 49+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8HB-2	COOK	277	211
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		









LEGEND

REMOVE LIGHT POLE AND LUMINAIRE

EXISTING LIGHTING CONTROLLER

NOTES

SEE SHEET 1 OF LIGHTING REMOVAL PLANS

MODEL: Default
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EPSTEIN	USER NAME = MET	DESIGNED - CG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	U.S. ROUTE 30 (LINCOLN HWY) AT IL. ROUTE 50 (S. CICERO AVE.) LIGHTING REMOVAL PLANS
		DRAWN - MG	REVISED -		
	PLOT SCALE = 40.0000 ' / in.	CHECKED - JRK	REVISED -		
	PLOT DATE = 4/28/2023	DATE - 4/28/2023	REVISED -		SCALE: 1"=20' SHEET 6 OF 7 SHEETS STA. 66+50 TO STA. 73+25

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8HB-2	COOK	277	212
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

N

0 20 40 60
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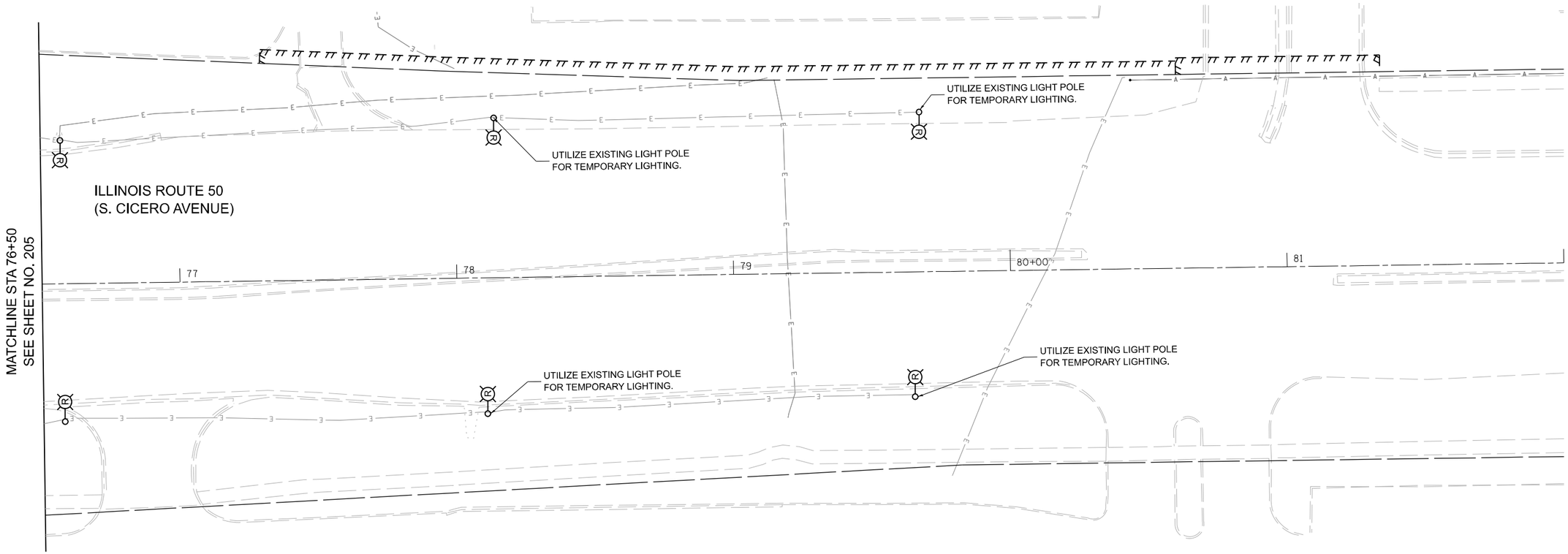


LEGEND

REMOVE LIGHT POLE AND LUMINAIRE

EXISTING LIGHTING CONTROLLER

NOTES

SEE SHEET 1 OF LIGHTING REMOVAL PLANS

4/28/2023 STM$
$FILE$

EPSTEIN

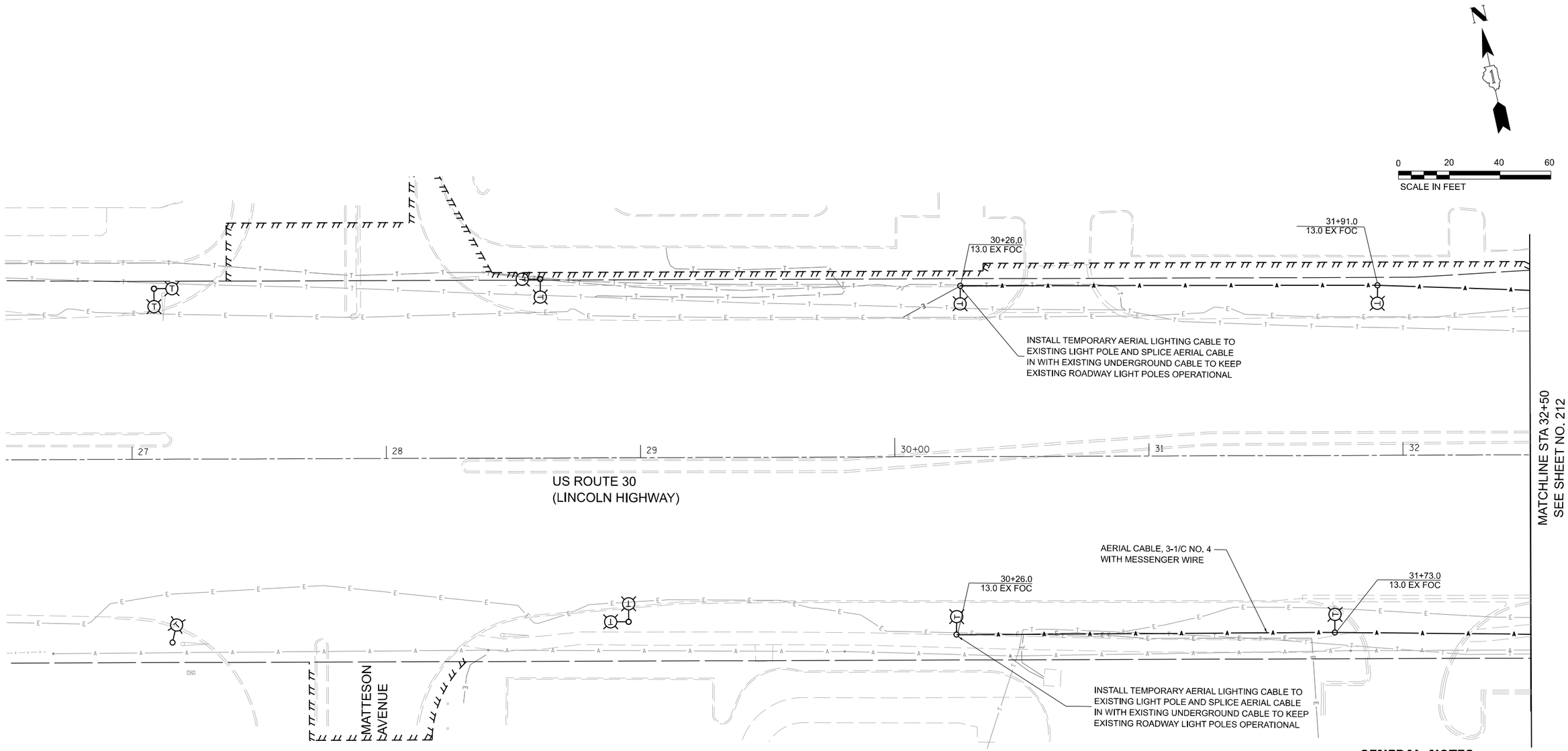
USER NAME = MET	DESIGNED - CG	REVISED -	
	DRAWN - MG	REVISED -	
PLOT SCALE = 40.0062 ' / In.	CHECKED - JRK	REVISED -	
PLOT DATE = 4/28/2023	DATE - 4/28/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 (LINCOLN HWY) AT IL. ROUTE 50 (S. CICERO AVE.)
LIGHTING REMOVAL PLANS

SCALE: 1"=20' | SHEET 7 OF 7 SHEETS | STA. 76+50 TO STA. 82+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8HB-2	COOK	277	213
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			



NOTES

1. EXISTING ROADWAY LIGHTING TO REMAIN SHALL REMAIN OPERATIONAL DURING CONSTRUCTION.
2. TEMPOARY LIGHTING SHALL BE INSTALLED AND OPERATIONAL BEFORE ANY EXISTING LIGHT POLES CAN BE DISCONNECTED AND REMOVED.
3. CONTRACTOR SHALL MAINTAIN THE EXISITNG ROADWAY LIGHTING SYSTEM THROUGHOUT CONSTRUCTION AND SHALL BE INCLUDED IN PAY ITEM, "MAINTENANCE OF LIGHTING SYSTEM".
4. ONCE TEMPORARY LIGHTING IS OPERATIONAL, IT SHALL REMAIN UNTIL THE PRPOSED LIGHTING IS OPERATIONAL.

GENERAL NOTES

A. ALL FIXTURES SHALL HAVE A MOUNTING HEIGHT OF 50

B. SEE SHEET 1 OF TEMPORARY LIGHTING PLANS FOR ADDITIONAL NOTES

LEGEND

- —— A —— AERIAL CABLE
- (E) EXISTING LIGHT POLE AND LUMINAIRE TO REMAIN
- (T) TEMPORARY WOOD POLE AND LUMINAIRE 60 FT, CLASS 4, 15' MAST ARM
- EXISTING LIGHTING CONTROLLER
- +XX.XX / XX.X' RT PROPOSED STATION, PROPOSED OFFSET FROM F.O.C.
- TEMPORARY WOOD POLE, 60 FT, CLASS 4

EPSTEIN

USER NAME = MET	DESIGNED - CG	REVISED -
	DRAWN - MG	REVISED -
PLOT SCALE = 40.0010 ' / in.	CHECKED - JRK	REVISED -
PLOT DATE = 4/28/2023	DATE - 4/28/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

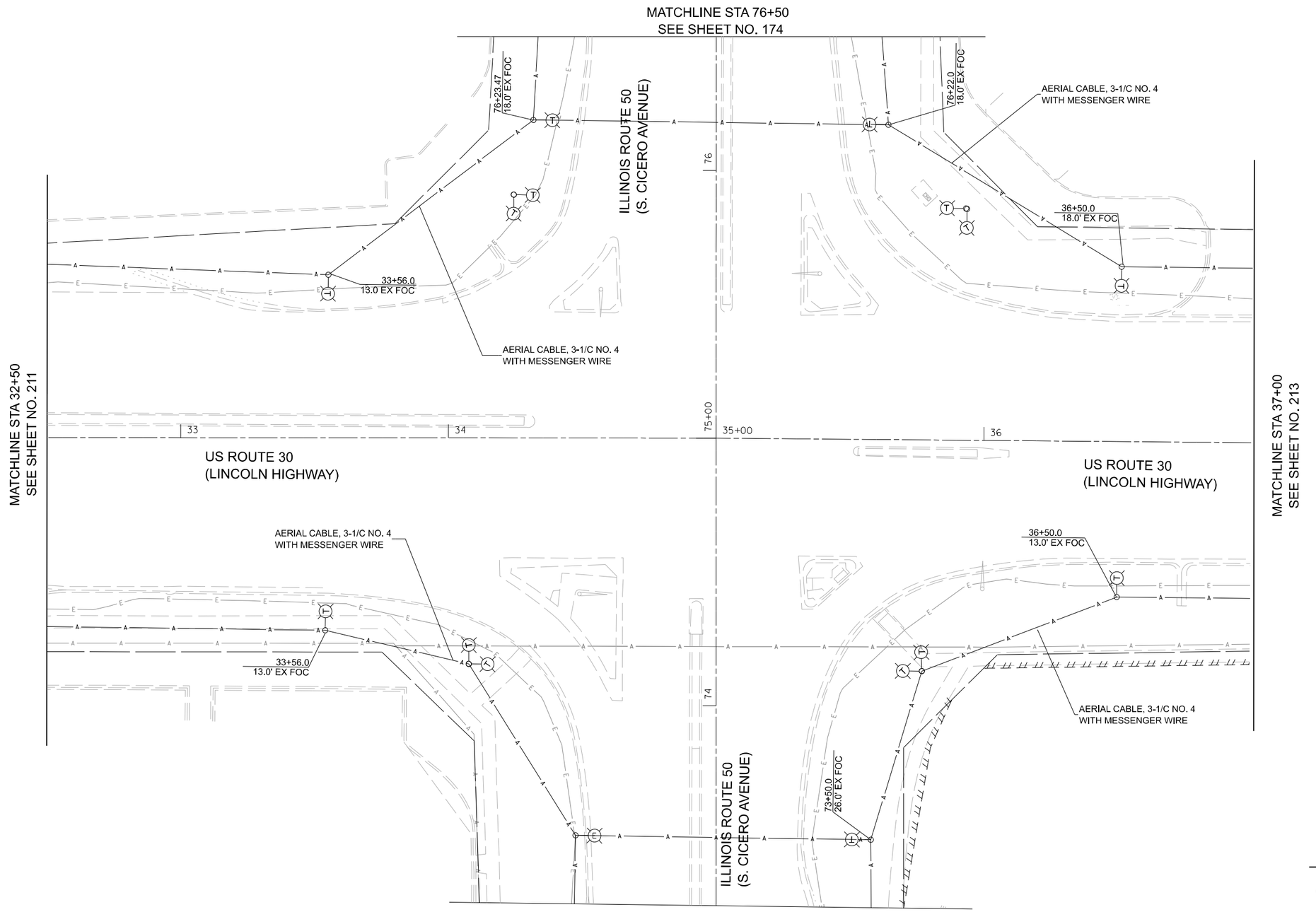
U.S. ROUTE 30 (LINCOLN HWY) AT IL. ROUTE 50 (S. CICERO AVE.)
TEMPORARY LIGHTING PLANS

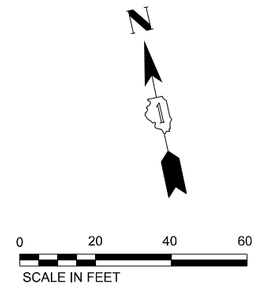
SCALE: 1"=20' | SHEET 1 OF 7 SHEETS | STA. 26+50 TO STA. 32+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8HB-2	COOK	277	214

CONTRACT NO. 62G38
ILLINOIS FED. AID PROJECT

4/28/2023 $TIMES
$FILES





GENERAL NOTES

A. ALL FIXTURES SHALL HAVE A MOUNTING HEIGHT OF 50

B. SEE SHEET 1 OF TEMPORARY LIGHTING PLANS FOR ADDITIONAL NOTES

LEGEND

—A—	AERIAL CABLE
(E)	EXISTING LIGHT POLE AND LUMINAIRE TO REMAIN
(T)	TEMPORARY WOOD POLE AND LUMINAIRE 60 FT, CLASS 4, 15' MAST ARM
	EXISTING LIGHTING CONTROLLER
+XX.XX / XX.X' RT	PROPOSED STATION, PROPOSED OFFSET FROM F.O.C.
	TEMPORARY WOOD POLE, 60 FT, CLASS 4

EPSTEIN

USER NAME = MET	DESIGNED - CG	REVISED -	
	DRAWN - MG	REVISED -	
PLOT SCALE = 40.0062 ' / In.	CHECKED - JRK	REVISED -	
PLOT DATE = 4/28/2023	DATE - 4/28/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 (LINCOLN HWY) AT IL. ROUTE 50 (S. CICERO AVE.)
TEMPORARY LIGHTING PLANS

SCALE: 1"=20' | SHEET 2 OF 7 SHEETS | STA. 32+50 TO STA. 37+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8HB-2	COOK	277	215
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			

4/28/2023 STIMES
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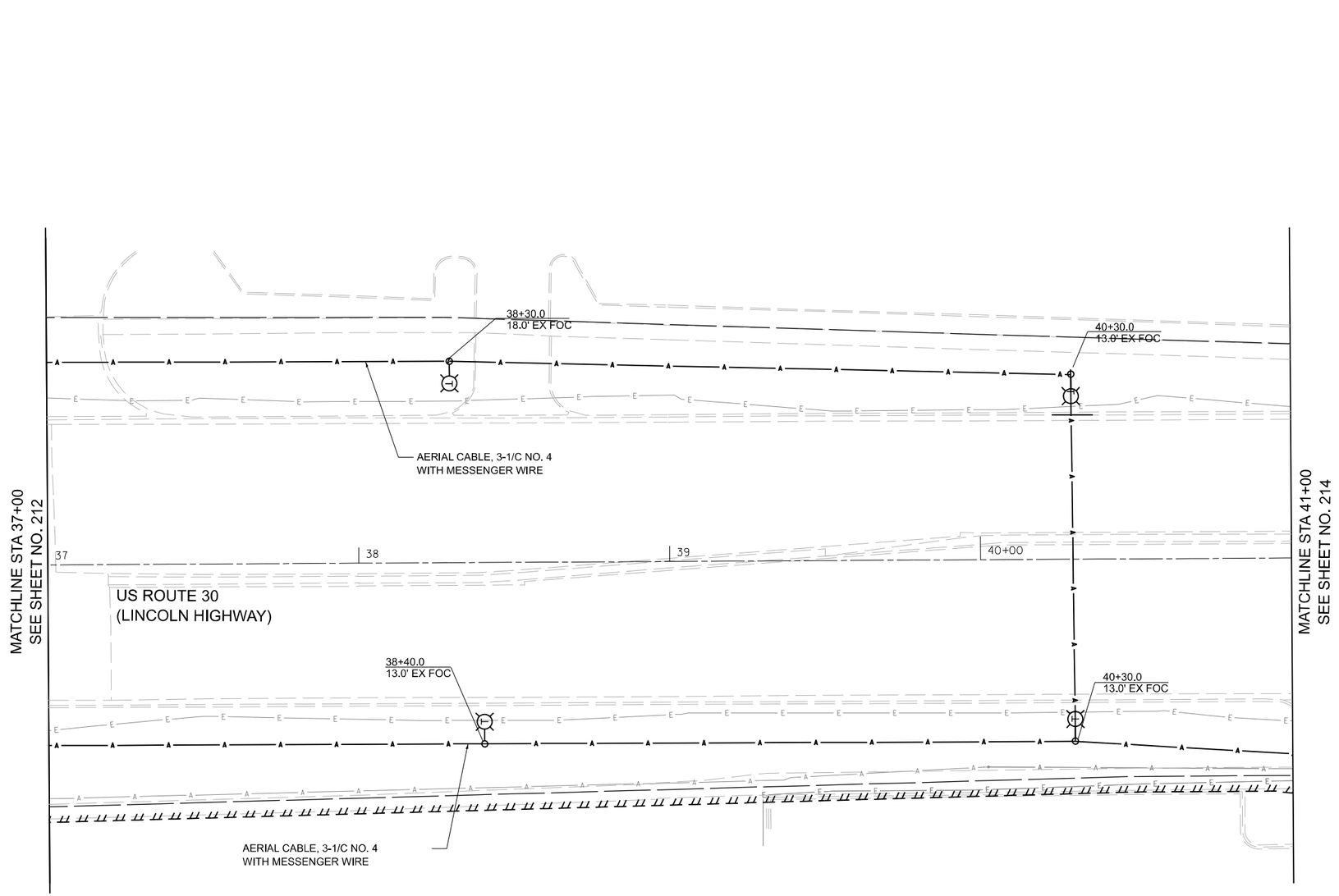


GENERAL NOTES

A. ALL FIXTURES SHALL HAVE A MOUNTING HEIGHT OF 50

B. SEE SHEET 1 OF TEMPORARY LIGHTING PLANS FOR ADDITIONAL NOTES

LEGEND

—A—	AERIAL CABLE
(E)	EXISTING LIGHT POLE AND LUMINAIRE TO REMAIN
(T)	TEMPORARY WOOD POLE AND LUMINAIRE 60 FT, CLASS 4, 15' MAST ARM
	EXISTING LIGHTING CONTROLLER
+XX.XX XX.X' RT	PROPOSED STATION, PROPOSED OFFSET FROM F.O.C.
	TEMPORARY WOOD POLE, 60 FT, CLASS 4

4/28/2023 STIMES
SFILES

EPSTEIN

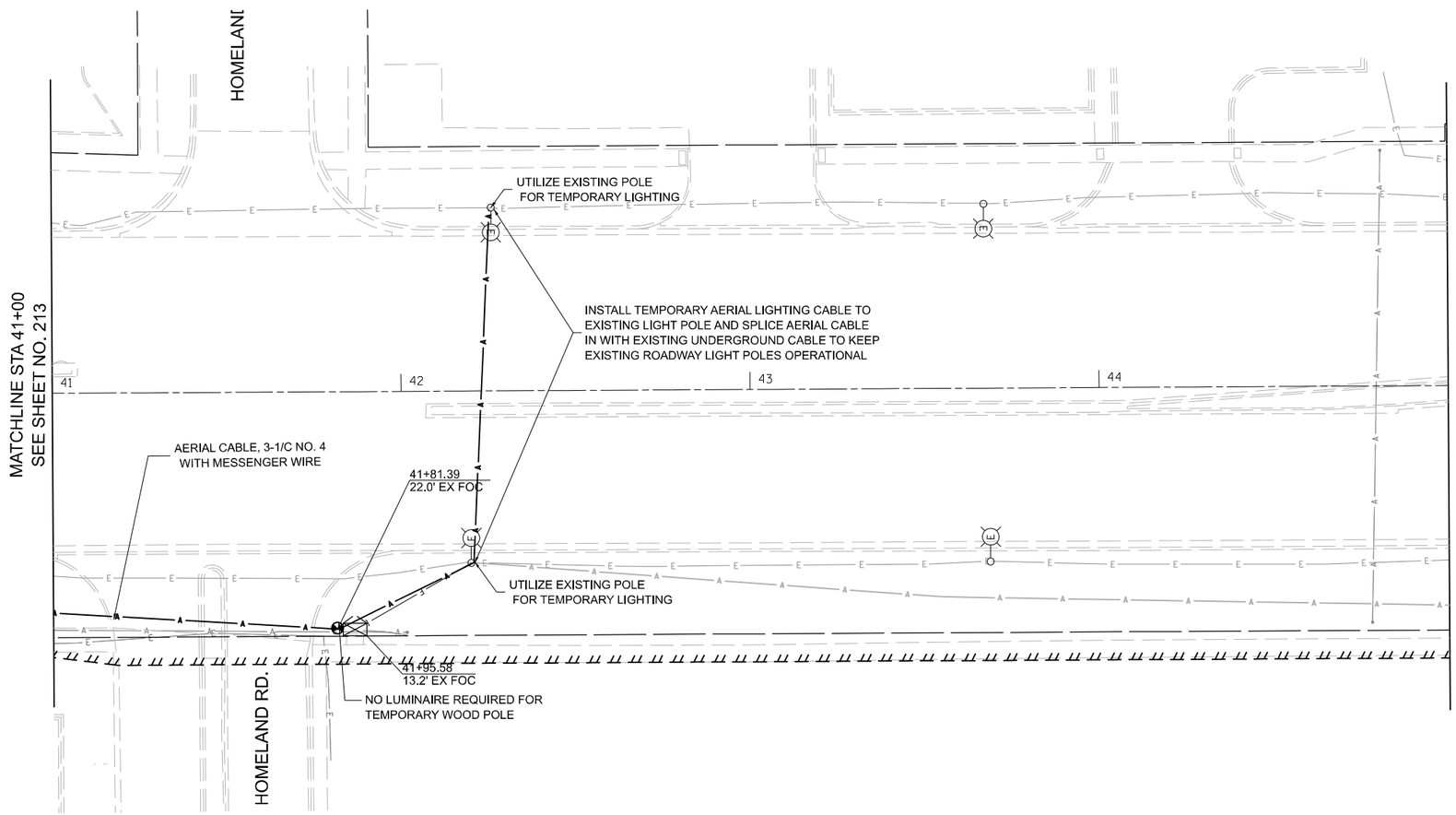
USER NAME = MET	DESIGNED - CG	REVISED -
	DRAWN - MG	REVISED -
PLOT SCALE = 40.0010 ' / in.	CHECKED - JRK	REVISED -
PLOT DATE = 4/28/2023	DATE - 4/28/2023	REVISED -

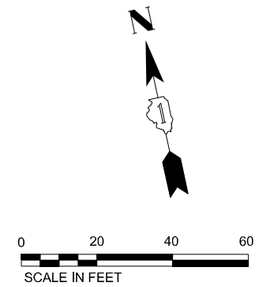
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 (LINCOLN HWY) AT IL. ROUTE 50 (S. CICERO AVE.)
TEMPORARY LIGHTING PLANS

SCALE: 1"=20' | SHEET 3 OF 7 SHEETS | STA. 37+00 TO STA. 41+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8HB-2	COOK	277	216
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			





GENERAL NOTES

A. ALL FIXTURES SHALL HAVE A MOUNTING HEIGHT OF 50

B. SEE SHEET 1 OF TEMPORARY LIGHTING PLANS FOR ADDITIONAL NOTES

LEGEND

—A—	AERIAL CABLE
E	EXISTING LIGHT POLE AND LUMINAIRE TO REMAIN
T	TEMPORARY WOOD POLE AND LUMINAIRE 60 FT, CLASS 4, 15' MAST ARM
	EXISTING LIGHTING CONTROLLER
+XX.XX / XX.X' RT	PROPOSED STATION, PROPOSED OFFSET FROM F.O.C.
	TEMPORARY WOOD POLE, 60 FT, CLASS 4

EPSTEIN

USER NAME = MET	DESIGNED - CG	REVISED -
	DRAWN - MG	REVISED -
PLOT SCALE = 40.0010 ' / in.	CHECKED - JRK	REVISED -
PLOT DATE = 4/28/2023	DATE - 4/28/2023	REVISED -

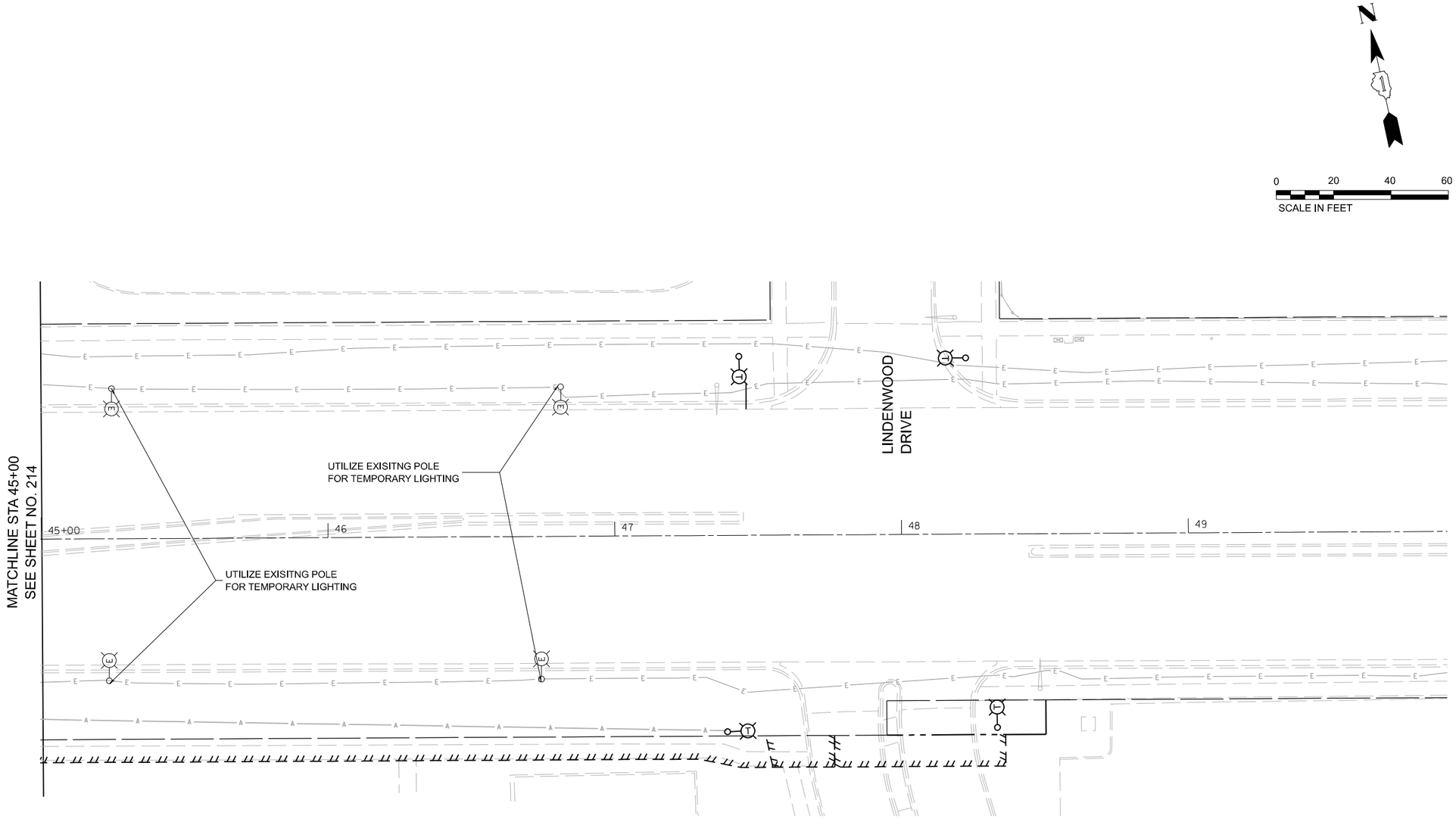
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 (LINCOLN HWY) AT IL. ROUTE 50 (S. CICERO AVE.)
TEMPORARY LIGHTING PLANS

SCALE: 1"=20' | SHEET 4 OF 7 SHEETS | STA. 41+00 | TO STA. 45+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8HB-2	COOK	277	217
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			

4/28/2023 $TIME$
$FILE$



GENERAL NOTES

A. ALL FIXTURES SHALL HAVE A MOUNTING HEIGHT OF 50

B. SEE SHEET 1 OF TEMPORARY LIGHTING PLANS FOR ADDITIONAL NOTES

LEGEND

—A—	AERIAL CABLE
(E)	EXISTING LIGHT POLE AND LUMINAIRE TO REMAIN
(T)	TEMPORARY WOOD POLE AND LUMINAIRE 60 FT, CLASS 4, 15' MAST ARM
	EXISTING LIGHTING CONTROLLER
+XX.XX / XX.X' RT	PROPOSED STATION, PROPOSED OFFSET FROM F.O.C.
	TEMPORARY WOOD POLE, 60 FT, CLASS 4

EPSTEIN

USER NAME = MET	DESIGNED - CG	REVISED -	
	DRAWN - MG	REVISED -	
PLOT SCALE = 40.0010 ' / in.	CHECKED - JRK	REVISED -	
PLOT DATE = 4/28/2023	DATE - 4/28/2023	REVISED -	

MG

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 (LINCOLN HWY) AT IL. ROUTE 50 (S. CICERO AVE.)
TEMPORARY LIGHTING PLANS

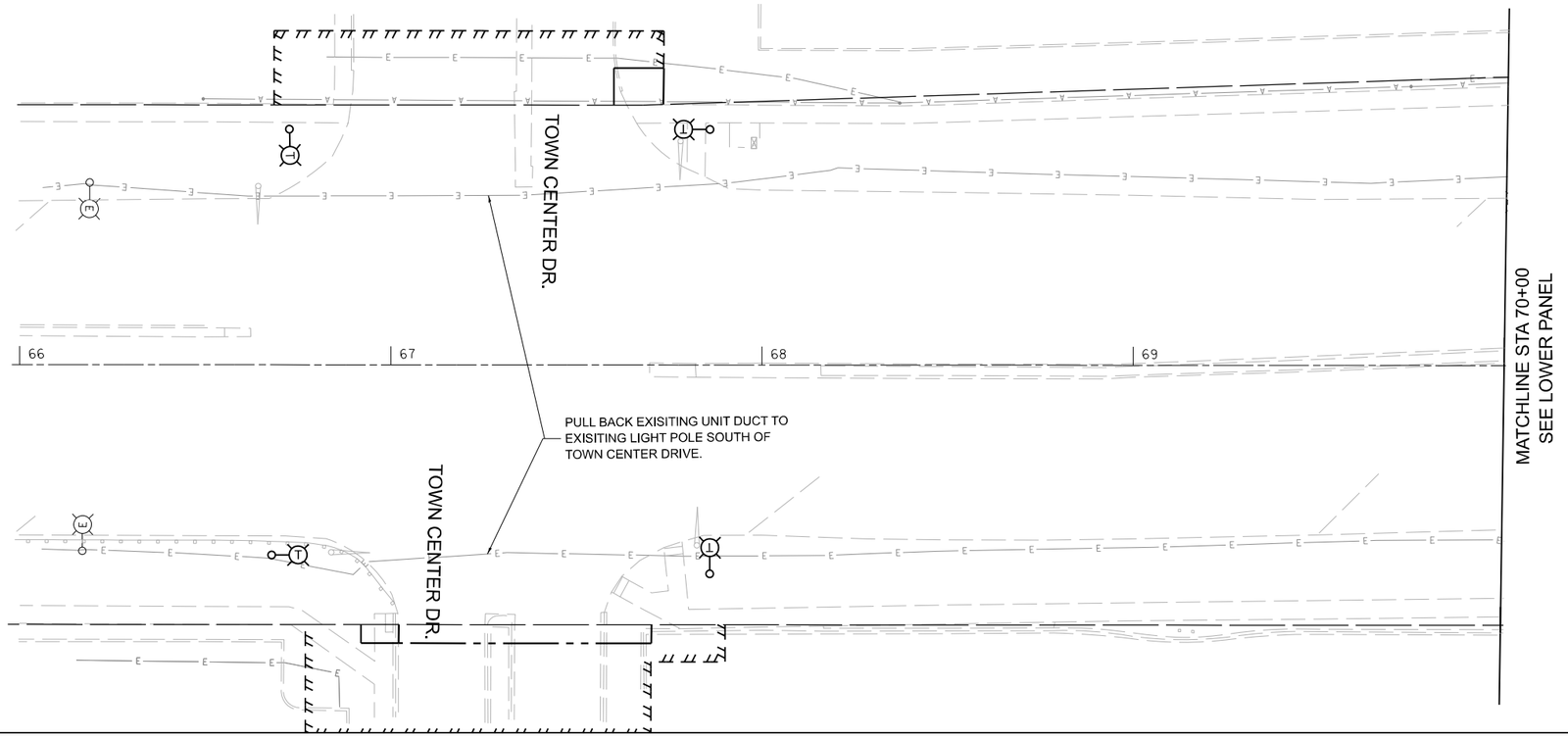
SCALE: 1"=20' | SHEET 5 OF 7 SHEETS | STA. 45+00 TO STA. 50+00

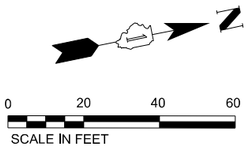
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8HB-2	COOK	277	218

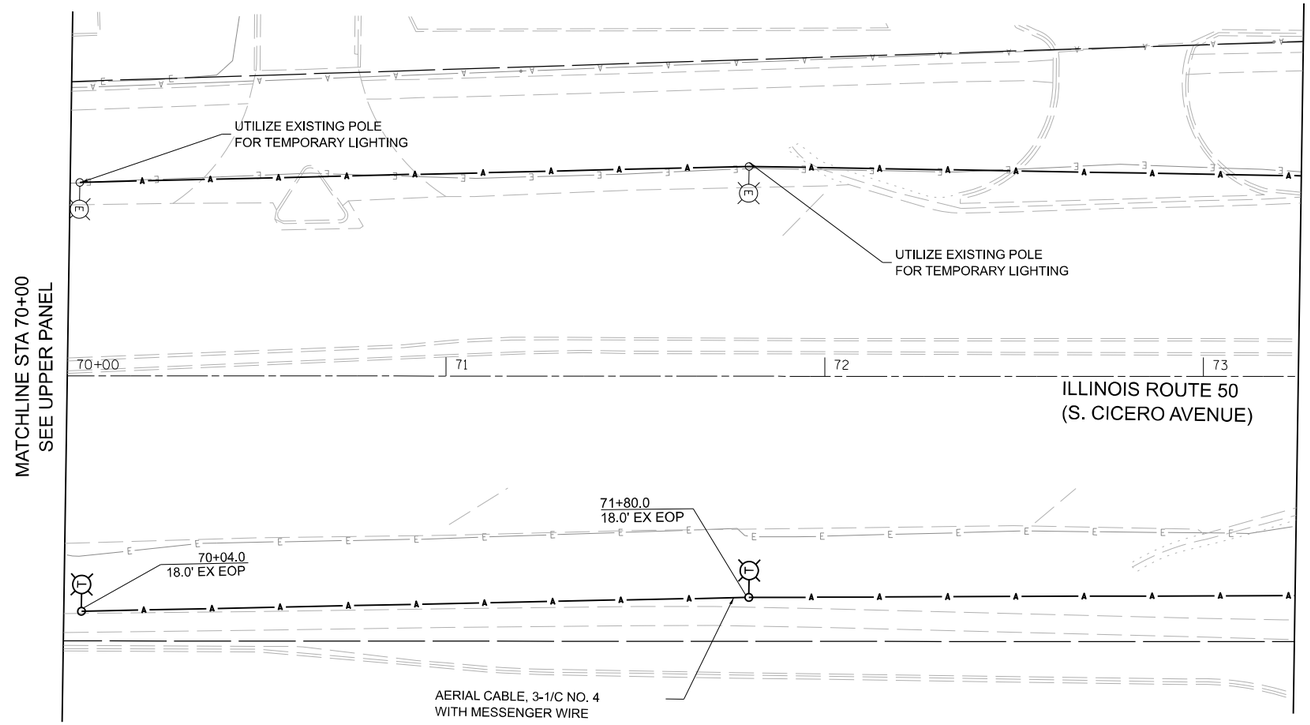
CONTRACT NO. 62G38

ILLINOIS FED. AID PROJECT

4/28/2023 $TIMES
$FILES









GENERAL NOTES

A. ALL FIXTURES SHALL HAVE A MOUNTING HEIGHT OF 50

B. SEE SHEET 1 OF TEMPORARY LIGHTING PLANS FOR ADDITIONAL NOTES

LEGEND

- A — AERIAL CABLE
- EXISTING LIGHT POLE AND LUMINAIRE TO REMAIN
- TEMPORARY WOOD POLE AND LUMINAIRE 60 FT, CLASS 4, 15' MAST ARM
- EXISTING LIGHTING CONTROLLER
- +XX.XX / XX.X' RT — PROPOSED STATION, PROPOSED OFFSET FROM F.O.C.
- TEMPORARY WOOD POLE, 60 FT, CLASS 4

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EPSTEIN

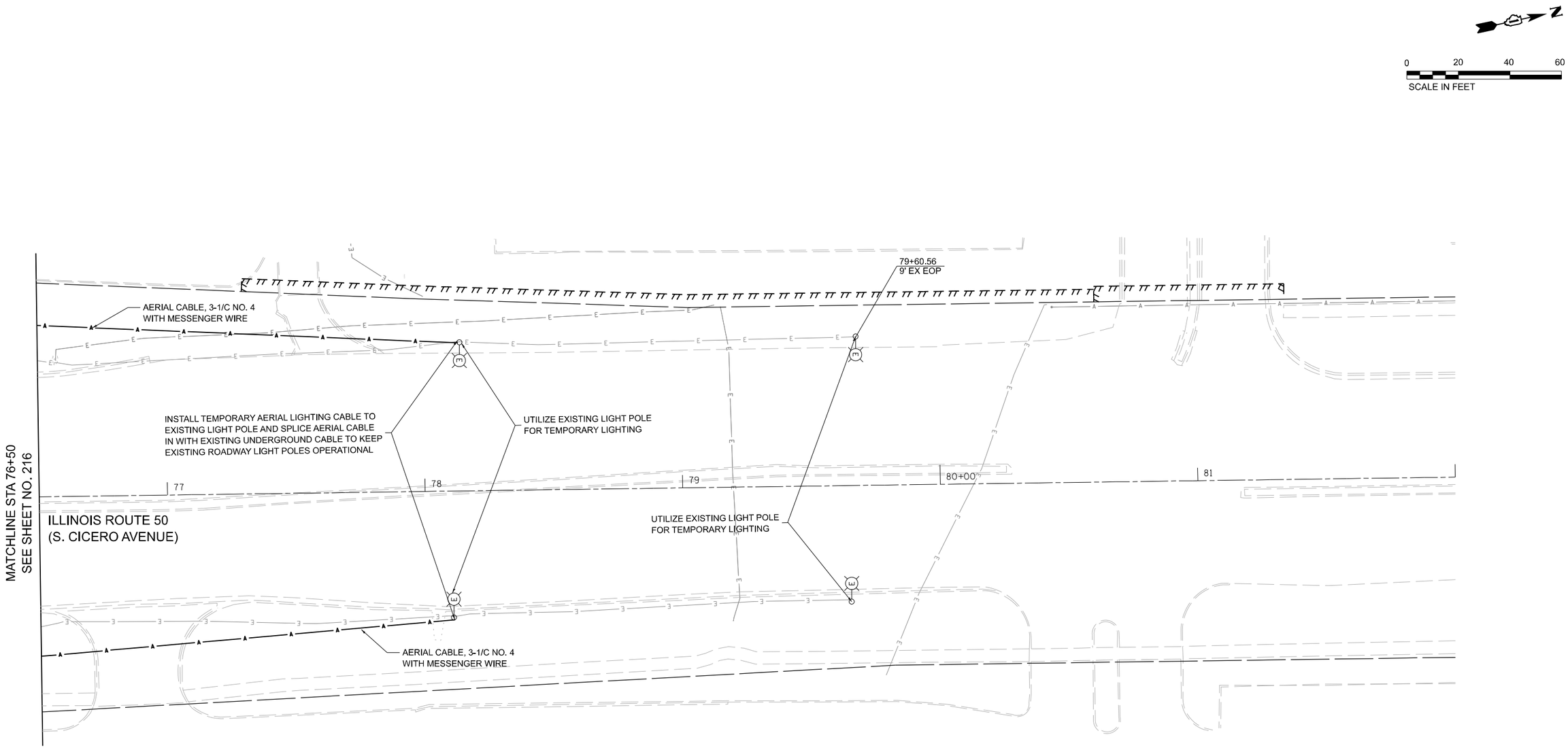
USER NAME = MET	DESIGNED - CG	REVISED -
	DRAWN - MG	REVISED -
PLOT SCALE = 40.0000 ' / In.	CHECKED - JRK	REVISED -
PLOT DATE = 4/28/2023	DATE - 4/28/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 (LINCOLN HWY) AT IL. ROUTE 50 (S. CICERO AVE.)
TEMPORARY LIGHTING PLANS

SCALE: 1"=20' | SHEET 6 OF 7 SHEETS | STA. 7 | TO STA. 73+25

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8HB-2	COOK	277	219
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		



GENERAL NOTES

A. ALL FIXTURES SHALL HAVE A MOUNTING HEIGHT OF 50

B. SEE SHEET 1 OF TEMPORARY LIGHTING PLANS FOR ADDITIONAL NOTES

LEGEND

—A—	AERIAL CABLE
E	EXISTING LIGHT POLE AND LUMINAIRE TO REMAIN
T	TEMPORARY WOOD POLE AND LUMINAIRE 60 FT, CLASS 4, 15' MAST ARM
	EXISTING LIGHTING CONTROLLER
+XX.XX / XX.X' RT	PROPOSED STATION, PROPOSED OFFSET FROM F.O.C.
	TEMPORARY WOOD POLE, 60 FT, CLASS 4

4/28/2023 $FILES STIMES

EPSTEIN

USER NAME = MET	DESIGNED - CG	REVISED -	
	DRAWN - MG	REVISED -	
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PLOT DATE = 4/28/2023	DATE - 4/28/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 (LINCOLN HWY) AT IL. ROUTE 50 (S. CICERO AVE.)
TEMPORARY LIGHTING PLANS

SCALE: 1"=20' | SHEET 7 OF 7 SHEETS | STA. 76+50 TO STA. 82+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8HB-2	COOK	277	220

CONTRACT NO. 62G38

ILLINOIS FED. AID PROJECT

NOTE:
ALL FIXTURES ON COMBINATION POLES AT US 30/MATTESON AVENUE SHALL BE KING K803-P4RAD-IV-220(SSL)-8084

N

0 20 40 60
SCALE IN FEET

C1-L2
29+90
7.0' PR FOC

50' GSC, GS, 2 1/2" DIA.

C1-K2
31+50
7.0' PR FOC

135' GSC, 2½" DIA

INSTALL UNIT DUCT TO EXISTING LIGHT POLE. SPLICE NEW CONDUCTORS WITH THE EXISTING CONDUCTORS AT EXISTING LIGHT POLE AT STA. 25±00 TO ENERGIZE EXISTING LIGHT POLES

UNIT DUCT, 600V, 3-1C NO.4, 1/C NO.4 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE

27 | 28 | 29 | 30+00 | 31 | 32

CIRCUITRY EXTENDS TOWARD I-57 RAMPS

INSTALL UNIT DUCT TO EXISTING LIGHT POLE. SPLICE NEW CONDUCTORS WITH THE EXISTING CONDUCTORS AT EXISTING LIGHT POLE AT STA. 25±10 TO ENERGIZE EXISTING LIGHT POLES

140' GSC, 2½" DIA

MATTESON AVENUE

C1-J2
29+90
7.0' PR FOC

US ROUTE 30
(LINCOLN HIGHWAY)

75' GSC, 2 1/2" DIA.

UNIT DUCT, 600V, 3-1C NO.4, 1/C NO.4 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE

C1-I2
31+50
7.0' PR FOC

MATCHLINE STA 32+50
SEE SHEET NO. 21

LEGEND

- EXISTING LIGHT POLE AND LUMINAIRE TO REMAIN
- NEW LIGHT COMBINATION POLE
- NEW LIGHT POLE AND LUMINAIRE
- EXISTING LIGHTING CONTROLLER
- PROPOSED UNIT DUCT IN UNDERGROUND CONDUIT, SIZE AND TYPE AS NOTED
- PROPOSED UNIT DUCT, SIZE AND TYPE AS NOTED
- +XX.XX / XX' PR. FOC — PROPOSED STATION, PROPOSED OFFSET FROM F.O.C.

GENERAL NOTES

A. ALL FIXTURES SHALL HAVE A MOUNTING HEIGHT OF 40.0'
B. FOR EXACT LOCATION OF COMBINATION POLES SEE TRAFFIC SIGNAL PLANS. COMBINATION POLE AND LIGHTING MAST ARM ARE PART OF THE TRAFFIC SIGNAL PAY ITEM.

4/28/2023 STM\E$
$FILE$

EPSTEIN

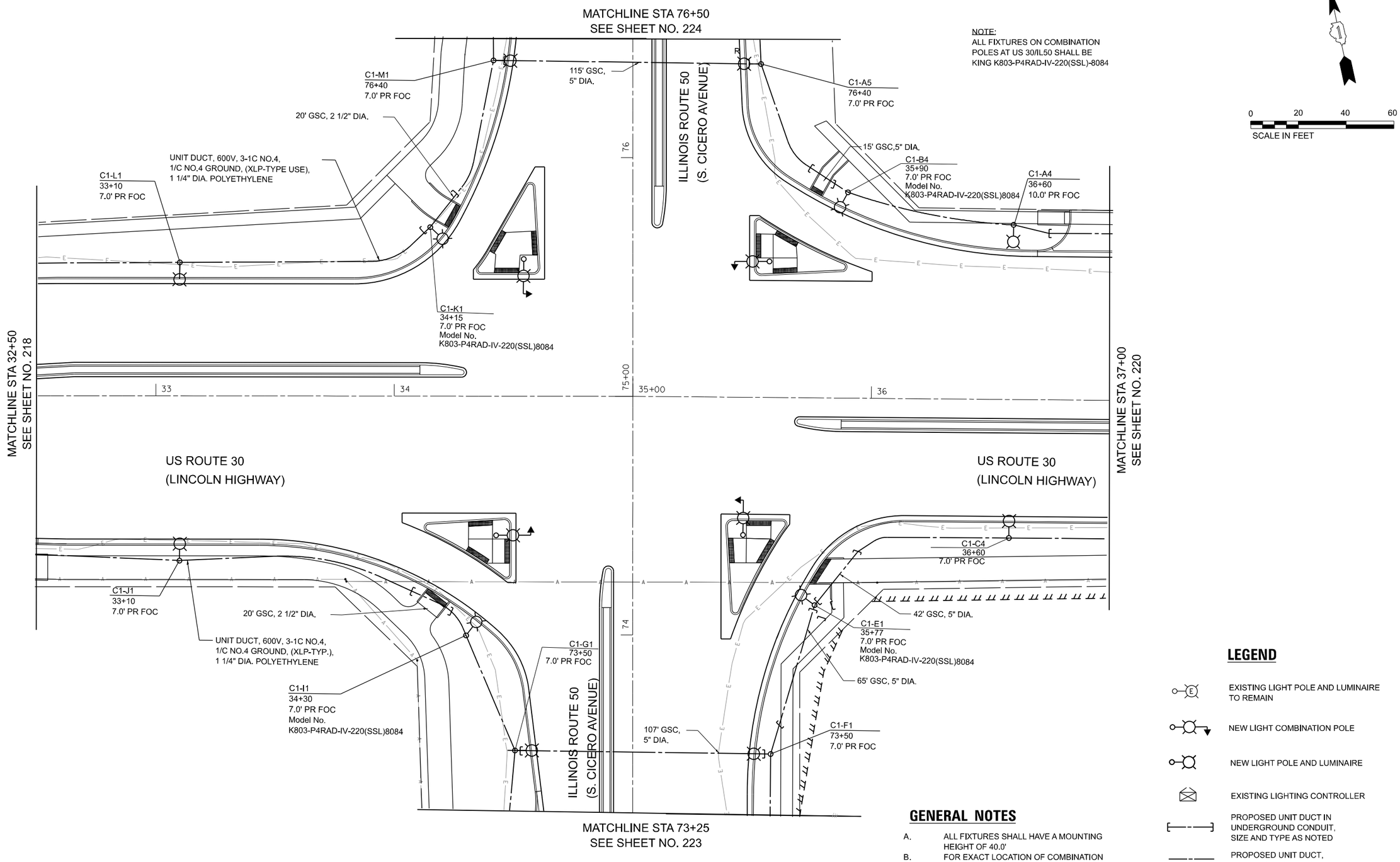
USER NAME = MET	DESIGNED - CG	REVISED -
	DRAWN - MG	REVISED -
PLOT SCALE = 40.0004 ' / In.	CHECKED - JRK	REVISED -
PLOT DATE = 4/28/2023	DATE - 4/28/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 (LINCOLN HWY) AT IL. ROUTE 50 (S. CICERO AVE.)
PROPOSED LIGHTING PLANS

SCALE: 1"=20' | SHEET 1 OF 7 SHEETS | STA. 26+50 TO STA. 32+50

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8HB-2	COOK	277	221
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			



LEGEND

- EXISTING LIGHT POLE AND LUMINAIRE TO REMAIN
- NEW LIGHT COMBINATION POLE
- NEW LIGHT POLE AND LUMINAIRE
- EXISTING LIGHTING CONTROLLER
- PROPOSED UNIT DUCT IN UNDERGROUND CONDUIT, SIZE AND TYPE AS NOTED
- PROPOSED UNIT DUCT, SIZE AND TYPE AS NOTED
- +XX.XX / XX' PR. FOC — PROPOSED STATION, PROPOSED OFFSET FROM F.O.C.

GENERAL NOTES

A. ALL FIXTURES SHALL HAVE A MOUNTING HEIGHT OF 40.0'

B. FOR EXACT LOCATION OF COMBINATION POLES SEE TRAFFIC SIGNAL PLANS. COMBINATION POLE AND LIGHTING MAST ARM ARE PART OF THE TRAFFIC SIGNAL PAY ITEM.

EPSTEIN

USER NAME = MET	DESIGNED - CG	REVISED -
	DRAWN - MG	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - JRK	REVISED -
PLOT DATE = 4/28/2023	DATE - 4/28/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 (LINCOLN HWY) AT IL. ROUTE 50 (S. CICERO AVE.)
PROPOSED LIGHTING PLANS

SCALE: 1"=20' | SHEET 2 OF 7 SHEETS | STA. 32+50 TO STA. 37+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8HB-2	COOK	277	222

CONTRACT NO. 62G38

ILLINOIS | FED. AID PROJECT

4/28/2023 STIMES
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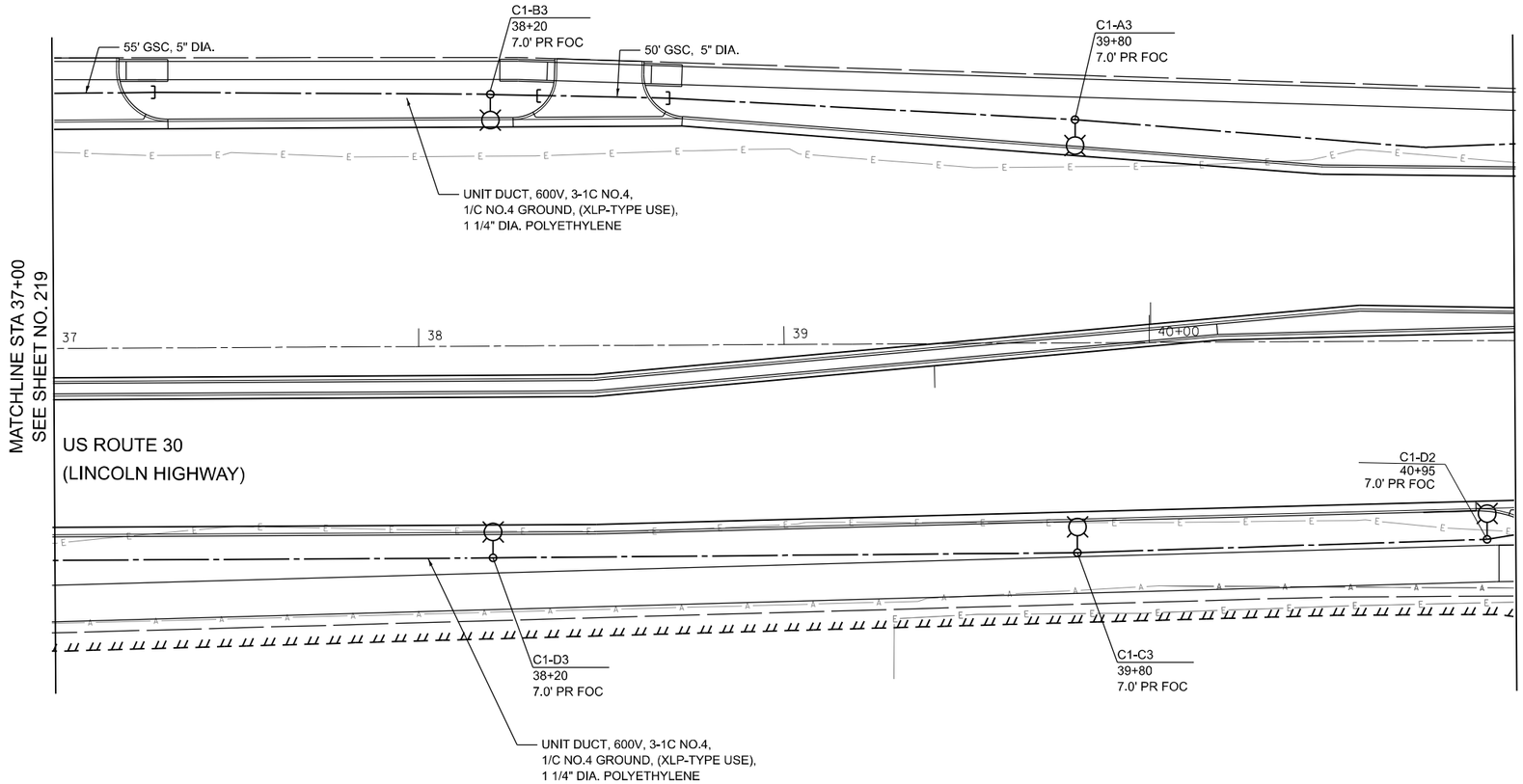
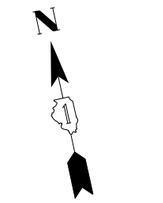




0 20 40 60

SCALE IN FEET

LEGEND

- EXISTING LIGHT POLE AND LUMINAIRE TO REMAIN
- NEW LIGHT COMBINATION POLE
- NEW LIGHT POLE AND LUMINAIRE
- EXISTING LIGHTING CONTROLLER
- PROPOSED UNIT DUCT IN UNDERGROUND CONDUIT, SIZE AND TYPE AS NOTED
- PROPOSED UNIT DUCT, SIZE AND TYPE AS NOTED
- +XX.XX / XX' PR. FOC — PROPOSED STATION, PROPOSED OFFSET FROM F.O.C.

GENERAL NOTES

A. ALL FIXTURES SHALL HAVE A MOUNTING HEIGHT OF 40.0'

B. FOR EXACT LOCATION OF COMBINATION POLES SEE TRAFFIC SIGNAL PLANS. COMBINATION POLE AND LIGHTING MAST ARM ARE PART OF THE TRAFFIC SIGNAL PAY ITEM.

EPSTEIN

USER NAME = MET	DESIGNED - CG	REVISED -
	DRAWN - MG	REVISED -
PLOT SCALE = 40.0010 ' / in.	CHECKED - JRK	REVISED -
PLOT DATE = 4/28/2023	DATE - 4/28/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 (LINCOLN HWY) AT IL. ROUTE 50 (S. CICERO AVE.)
PROPOSED LIGHTING PLANS

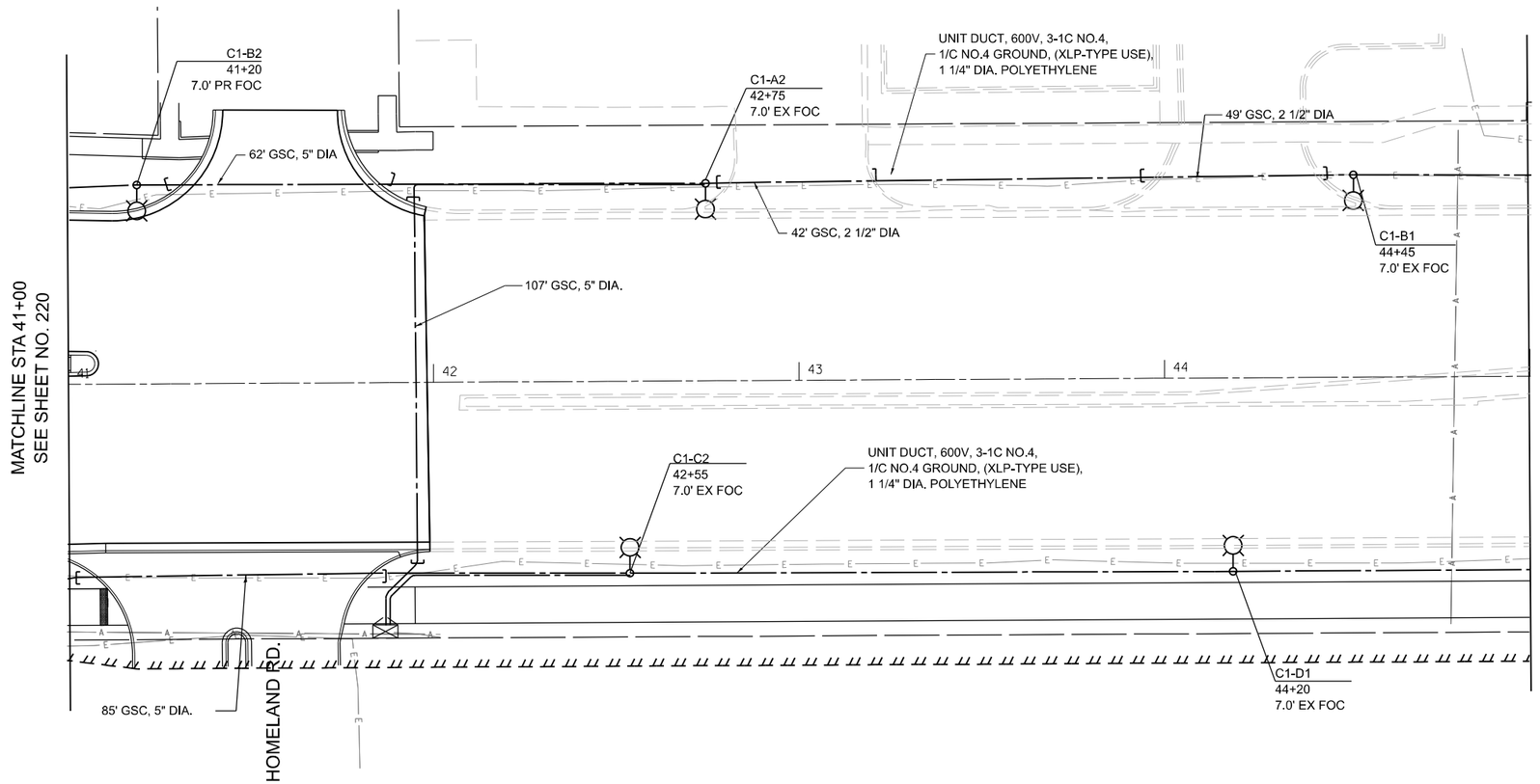
SCALE: 1"=20' | SHEET 3 OF 7 SHEETS | STA. 37+00 | TO STA. 41+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8HB-2	COOK	277	223

CONTRACT NO. 62C38

ILLINOIS | FED. AID PROJECT

4/28/2023 $TIMES
$FILES



N

0 20 40 60

SCALE IN FEET

LEGEND

- EXISTING LIGHT POLE AND LUMINAIRE TO REMAIN
- NEW LIGHT COMBINATION POLE
- NEW LIGHT POLE AND LUMINAIRE
- EXISTING LIGHTING CONTROLLER
- PROPOSED UNIT DUCT IN UNDERGROUND CONDUIT, SIZE AND TYPE AS NOTED
- PROPOSED UNIT DUCT, SIZE AND TYPE AS NOTED
- +XX.XX / XX' PR. FOC — PROPOSED STATION, PROPOSED OFFSET FROM F.O.C.

GENERAL NOTES

A. ALL FIXTURES SHALL HAVE A MOUNTING HEIGHT OF 40.0'

B. FOR EXACT LOCATION OF COMBINATION POLES SEE TRAFFIC SIGNAL PLANS. COMBINATION POLE AND LIGHTING MAST ARM ARE PART OF THE TRAFFIC SIGNAL PAY ITEM.

4/28/2023 $TIME$
$FILE$

EPSTEIN

USER NAME = MET	DESIGNED - CG	REVISED -
	DRAWN - MG	REVISED -
PLOT SCALE = 40.0010 ' / In.	CHECKED - JRK	REVISED -
PLOT DATE = 4/28/2023	DATE - 4/28/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 (LINCOLN HWY) AT IL. ROUTE 50 (S. CICERO AVE.)
PROPOSED LIGHTING PLANS

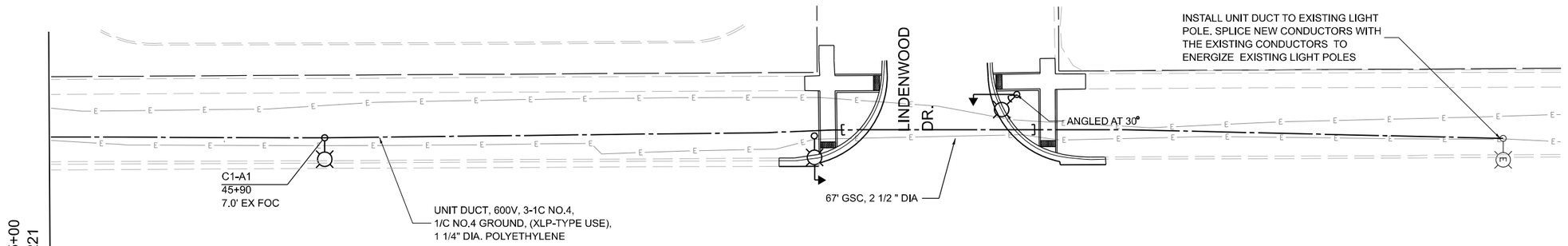
SCALE: 1"=20' | SHEET 4 OF 7 SHEETS | STA. 41+00 | TO STA. 45+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8HB-2	COOK	277	224
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			

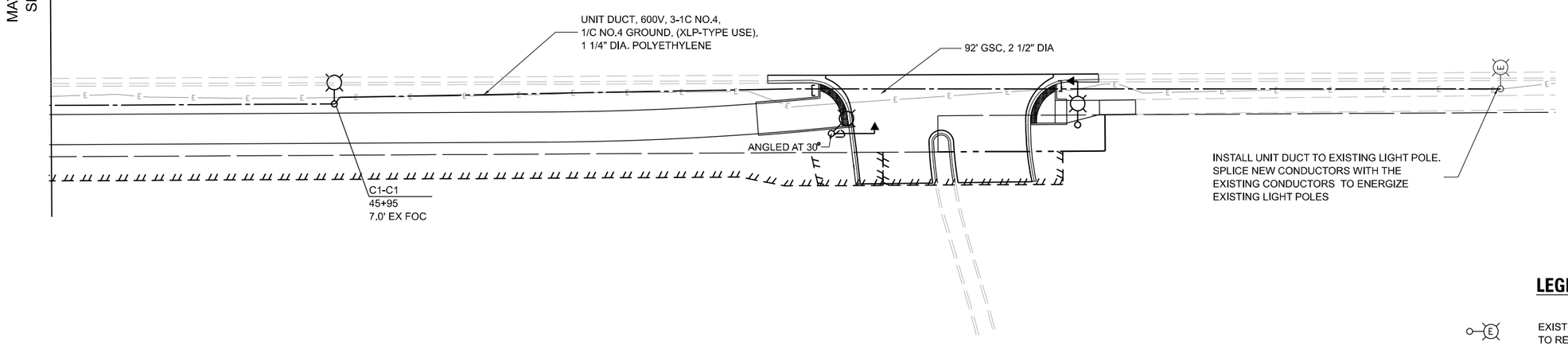
NOTE:
ALL FIXTURES ON COMBINATION POLES AT US 30/LINDENWOOD DRIVE SHALL BE KING K803-P4RAD-III-220(SSL)-8084

N

0 20 40 60
SCALE IN FEET



MATCHLINE STA 45+00
SEE SHEET NO. 221



LEGEND

- EXISTING LIGHT POLE AND LUMINAIRE TO REMAIN
- NEW LIGHT COMBINATION POLE
- NEW LIGHT POLE AND LUMINAIRE
- EXISTING LIGHTING CONTROLLER
- PROPOSED UNIT DUCT IN UNDERGROUND CONDUIT, SIZE AND TYPE AS NOTED
- PROPOSED UNIT DUCT, SIZE AND TYPE AS NOTED
- +XX.XX / XX' PR. FOC — PROPOSED STATION, PROPOSED OFFSET FROM F.O.C.

GENERAL NOTES

A. ALL FIXTURES SHALL HAVE A MOUNTING HEIGHT OF 40.0'
B. FOR EXACT LOCATION OF COMBINATION POLES SEE TRAFFIC SIGNAL PLANS. COMBINATION POLE AND LIGHTING MAST ARM ARE PART OF THE TRAFFIC SIGNAL PAY ITEM.

EPSTEIN

USER NAME = MET	DESIGNED - CG	REVISED -
	DRAWN - MG	REVISED -
PLOT SCALE = 40.0010 ' / in.	CHECKED - JRK	REVISED -
PLOT DATE = 4/28/2023	DATE - 4/28/2023	REVISED -

4/28/2023 $TIME$
$FILE$

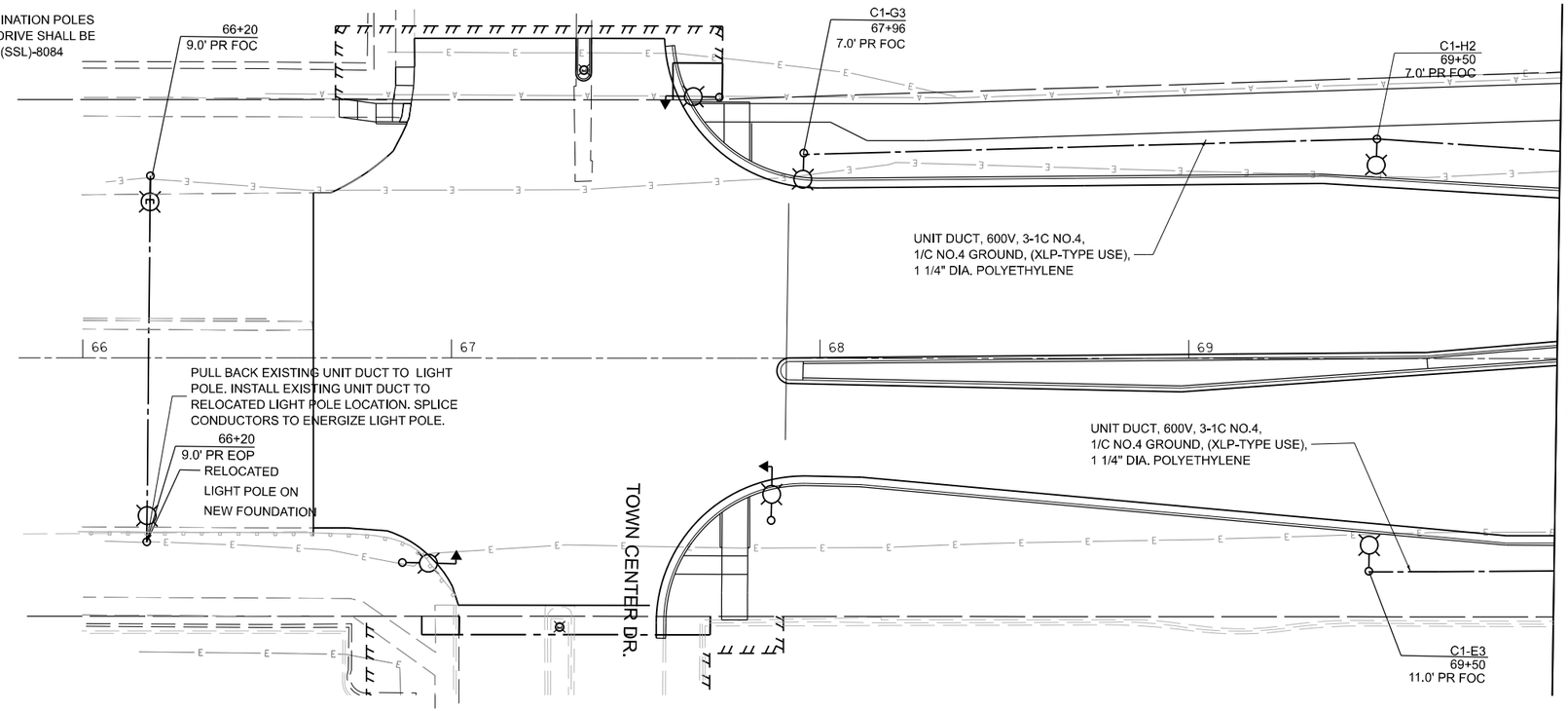
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

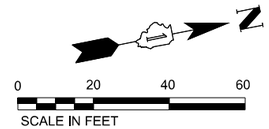
U.S. ROUTE 30 (LINCOLN HWY) AT IL. ROUTE 50 (S. CICERO AVE.)
PROPOSED LIGHTING PLANS

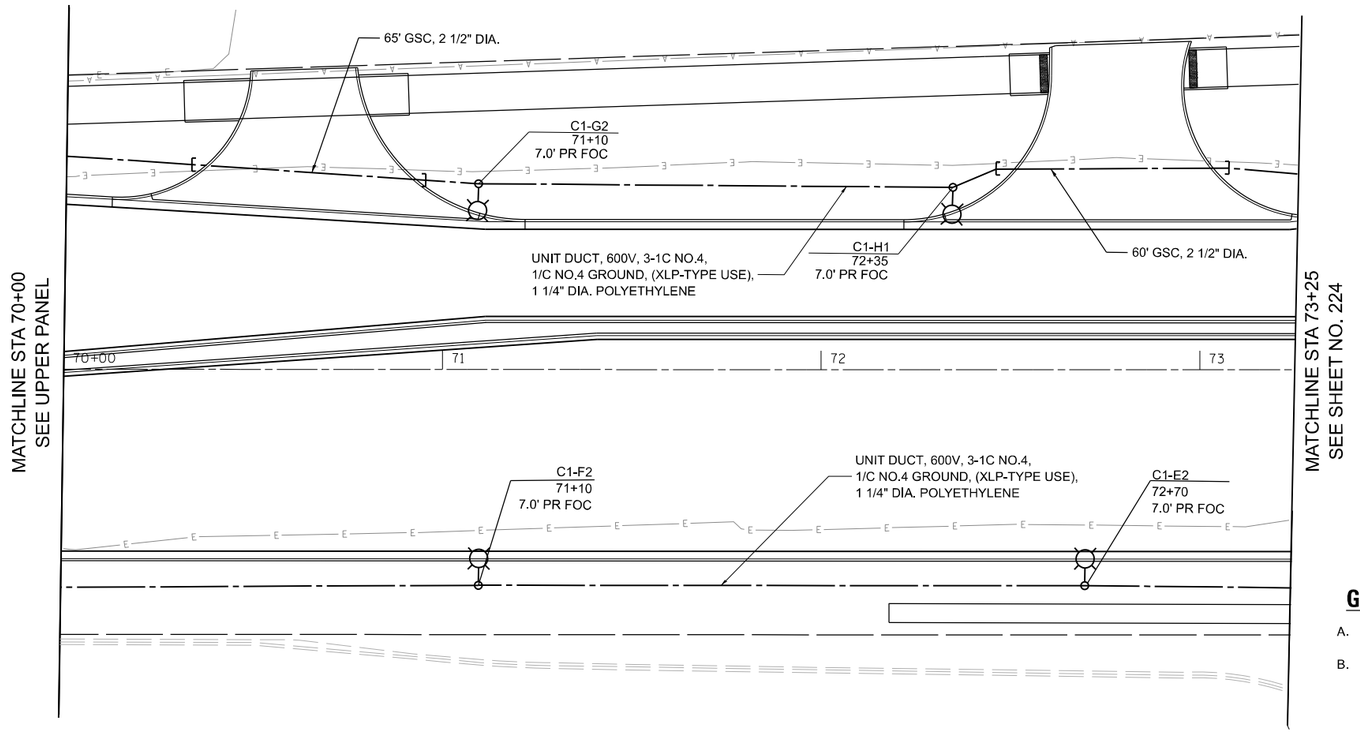
SCALE: 1"=20' | SHEET 5 OF 7 SHEETS | STA. 45+00 TO STA. 50+00

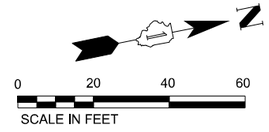
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8HB-2	COOK	277	225
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			

NOTE:
ALL FIXTURES ON COMBINATION POLES AT IL 50/TOWN CENTER DRIVE SHALL BE KING K803-P4RAD-IV-220(SSL)-8084









LEGEND

- EXISTING LIGHT POLE AND LUMINAIRE TO REMAIN
- NEW LIGHT COMBINATION POLE
- NEW LIGHT POLE AND LUMINAIRE
- EXISTING LIGHTING CONTROLLER
- PROPOSED UNIT DUCT IN UNDERGROUND CONDUIT, SIZE AND TYPE AS NOTED
- PROPOSED UNIT DUCT, SIZE AND TYPE AS NOTED
- +XX.XX / XX' PR. FOC — PROPOSED STATION, PROPOSED OFFSET FROM F.O.C.

GENERAL NOTES

A. ALL FIXTURES SHALL HAVE A MOUNTING HEIGHT OF 40.0'
B. FOR EXACT LOCATION OF COMBINATION POLES SEE TRAFFIC SIGNAL PLANS. COMBINATION POLE AND LIGHTING MAST ARM ARE PART OF THE TRAFFIC SIGNAL PAY ITEM.

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EPSTEIN

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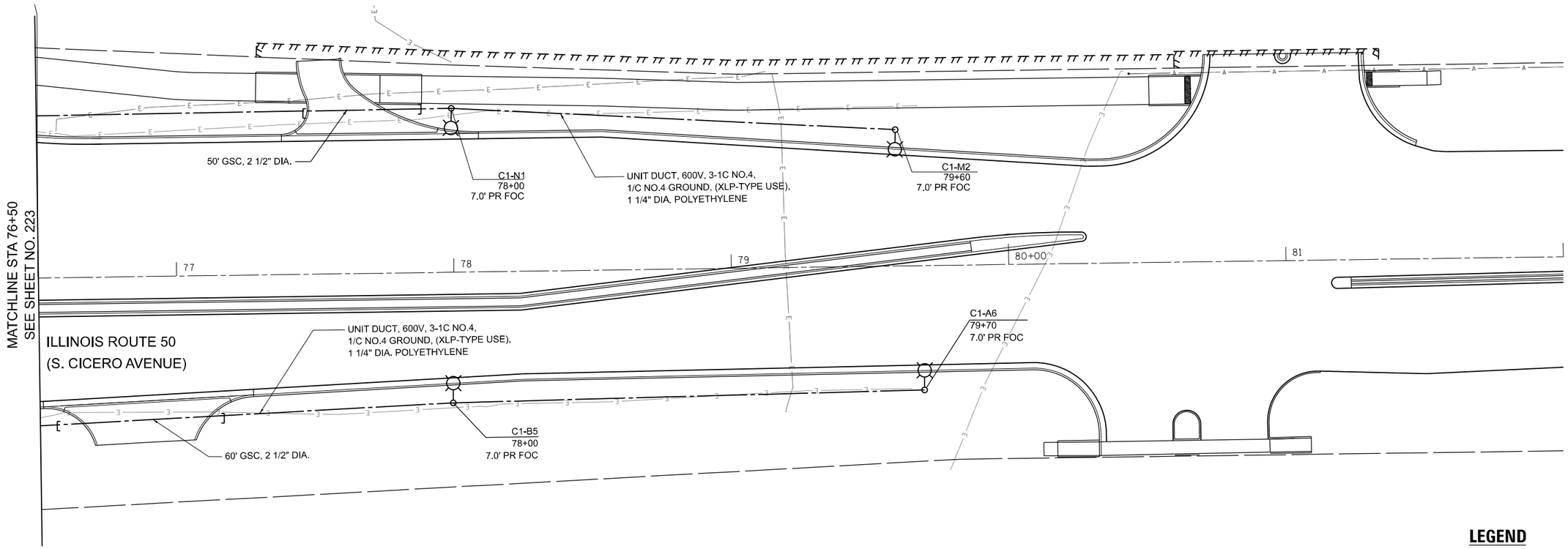
		DRAWN - MG	REVISED -	
PLOT SCALE = 40.0000 ' / in.		CHECKED - JRK	REVISED -	
PLOT DATE = 4/28/2023		DATE - 4/28/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 (LINCOLN HWY) AT IL. ROUTE 50 (S. CICERO AVE.)
PROPOSED LIGHTING PLANS

SCALE: 1"=20' | SHEET 6 OF 7 SHEETS | STA. 65+75 | TO STA. 73+25

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8HB-2	COOK	277	226
		CONTRACT NO.		
	ILLINOIS FED. AID PROJECT			



LEGEND

- EXISTING LIGHT POLE AND LUMINAIRE TO REMAIN
- NEW LIGHT COMBINATION POLE
- NEW LIGHT POLE AND LUMINAIRE
- EXISTING LIGHTING CONTROLLER
- PROPOSED UNIT DUCT IN UNDERGROUND CONDUIT, SIZE AND TYPE AS NOTED
- PROPOSED UNIT DUCT, SIZE AND TYPE AS NOTED
- +XX.XX / XX' PR. FOC — PROPOSED STATION, PROPOSED OFFSET FROM F.O.C.

GENERAL NOTES

A. ALL FIXTURES SHALL HAVE A MOUNTING HEIGHT OF 40.0'

B. FOR EXACT LOCATION OF COMBINATION POLES SEE TRAFFIC SIGNAL PLANS. COMBINATION POLE AND LIGHTING MAST ARM ARE PART OF THE TRAFFIC SIGNAL PAY ITEM.

EPSTEIN

USER NAME = MET	DESIGNED - CG	REVISED -
	DRAWN - MG	REVISED -
PLOT SCALE = 40.0000 ' / In.	CHECKED - JRK	REVISED -
PLOT DATE = 4/28/2023	DATE - 4/28/2023	REVISED -

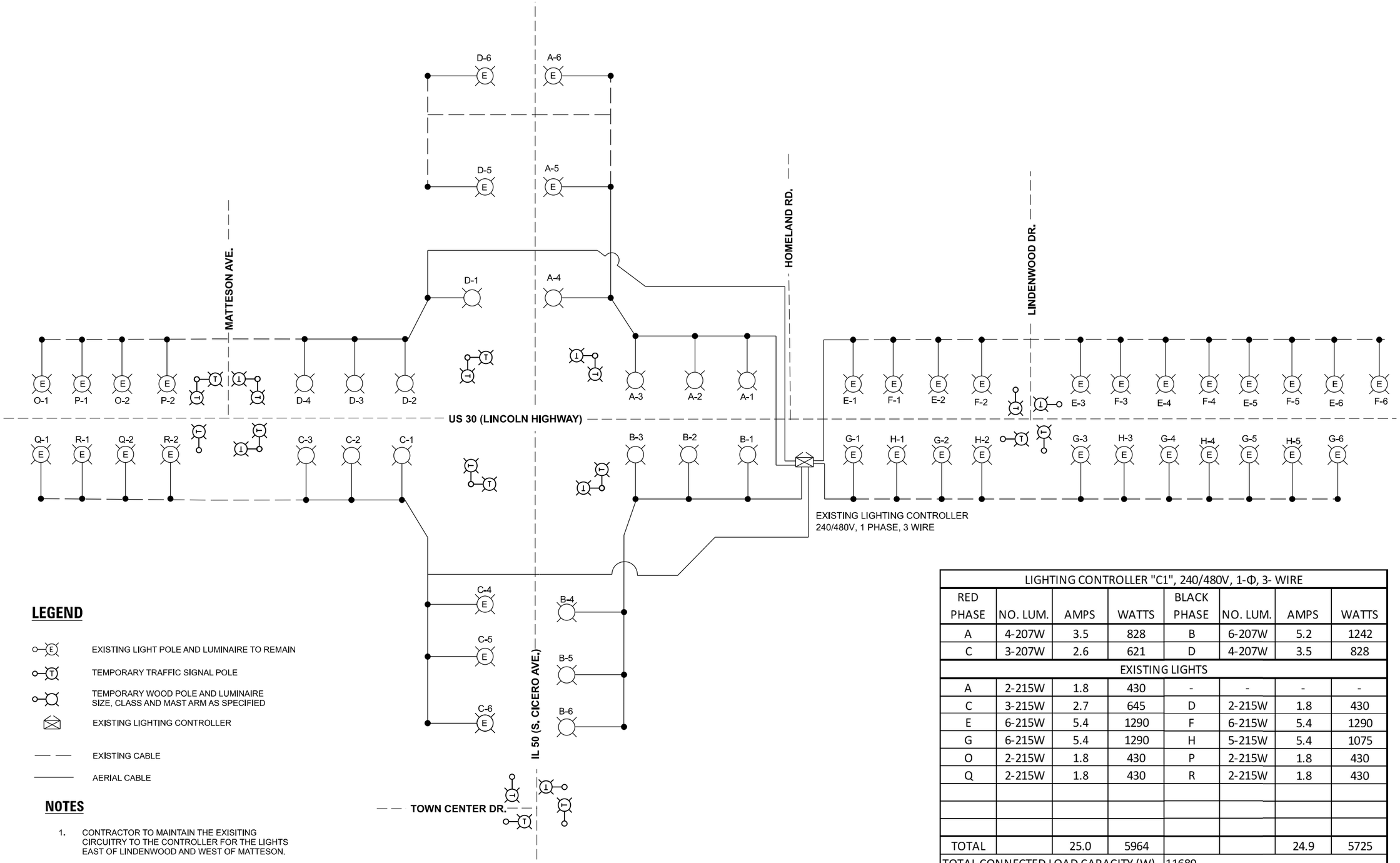
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 (LINCOLN HWY) AT IL. ROUTE 50 (S. CICERO AVE.)
PROPOSED LIGHTING PLANS

SCALE: 1"=20' | SHEET 7 OF 7 SHEETS | STA. 76+50 TO STA. 82+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8HB-2	COOK	277	227
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			

4/28/2023 STIMES
$FILE$



LEGEND

- EXISTING LIGHT POLE AND LUMINAIRE TO REMAIN
- TEMPORARY TRAFFIC SIGNAL POLE
- TEMPORARY WOOD POLE AND LUMINAIRE SIZE, CLASS AND MAST ARM AS SPECIFIED
- EXISTING LIGHTING CONTROLLER
- EXISTING CABLE
- AERIAL CABLE

NOTES

1. CONTRACTOR TO MAINTAIN THE EXISITING CIRCUITRY TO THE CONTROLLER FOR THE LIGHTS EAST OF LINDENWOOD AND WEST OF MATTESON.

LIGHTING CONTROLLER "C1", 240/480V, 1-Φ, 3- WIRE							
RED PHASE	NO. LUM.	AMPS	WATTS	BLACK PHASE	NO. LUM.	AMPS	WATTS
A	4-207W	3.5	828	B	6-207W	5.2	1242
C	3-207W	2.6	621	D	4-207W	3.5	828
EXISTING LIGHTS							
A	2-215W	1.8	430	-	-	-	-
C	3-215W	2.7	645	D	2-215W	1.8	430
E	6-215W	5.4	1290	F	6-215W	5.4	1290
G	6-215W	5.4	1290	H	5-215W	5.4	1075
O	2-215W	1.8	430	P	2-215W	1.8	430
Q	2-215W	1.8	430	R	2-215W	1.8	430
TOTAL		25.0	5964			24.9	5725
TOTAL CONNECTED LOAD CAPACITY (W)				11689			
EXT. LT = 215W, LED F1 = 207 W							

4/28/2023 STIVES
SFILES

EPSTEIN

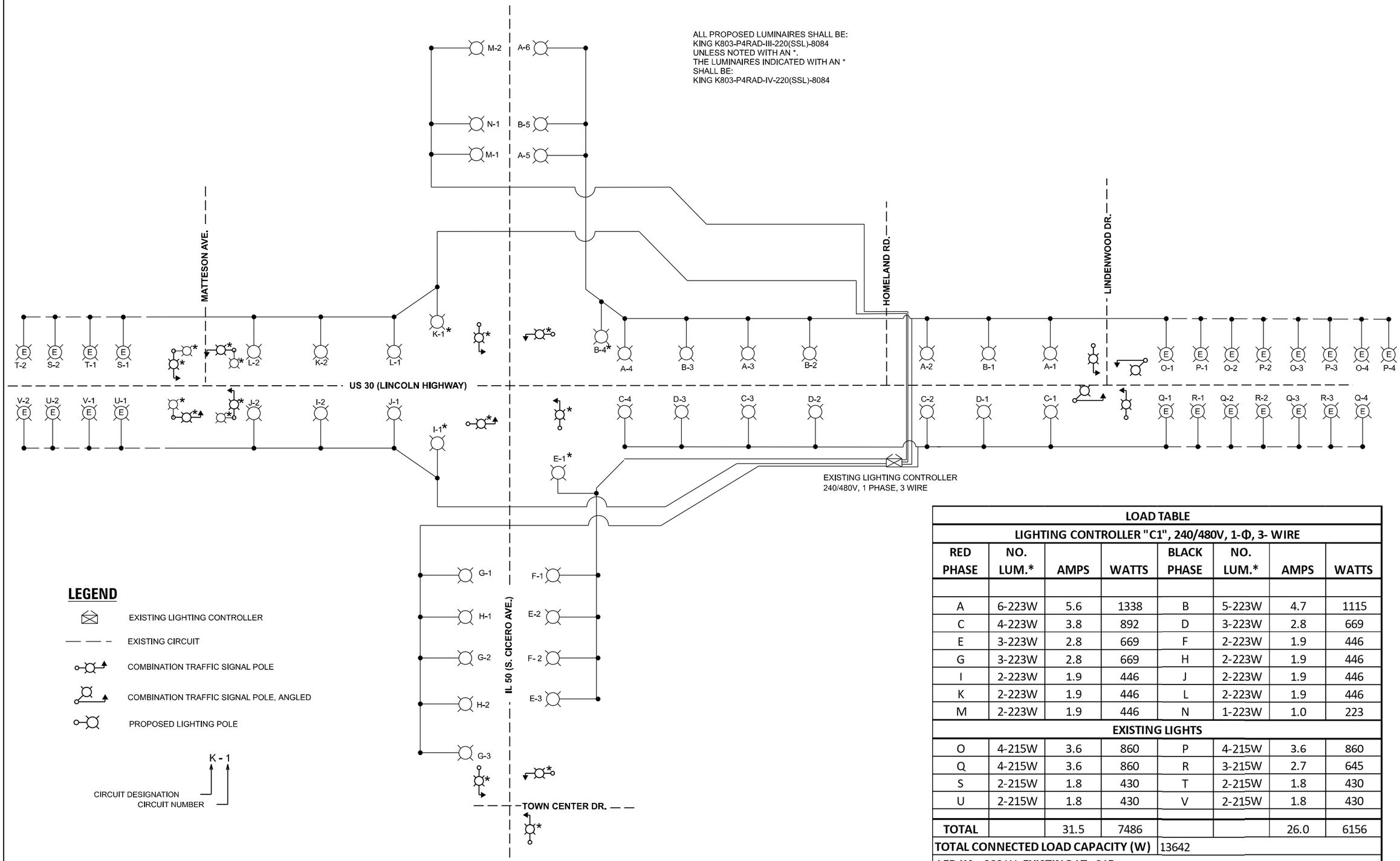
USER NAME = MET	DESIGNED - CG	REVISED -	
	DRAWN - MG	REVISED -	
PLOT SCALE = 1.9995 ' / In.	CHECKED - JRK	REVISED -	
PLOT DATE = 4/28/2023	DATE - 4/28/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 (LINCOLN HWY) AT IL. ROUTE 50 (S. CICERO AVE.)
TEMPORARY SINGLE LINE DIAGRAM LIGHTING SCHEMATIC

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8HB-2	COOK	277	228
		CONTRACT NO. 62G38		
		ILLINOIS FED. AID PROJECT		



LOAD TABLE							
LIGHTING CONTROLLER "C1", 240/480V, 1-Φ, 3- WIRE							
RED PHASE	NO. LUM.*	AMPS	WATTS	BLACK PHASE	NO. LUM.*	AMPS	WATTS
A	6-223W	5.6	1338	B	5-223W	4.7	1115
C	4-223W	3.8	892	D	3-223W	2.8	669
E	3-223W	2.8	669	F	2-223W	1.9	446
G	3-223W	2.8	669	H	2-223W	1.9	446
I	2-223W	1.9	446	J	2-223W	1.9	446
K	2-223W	1.9	446	L	2-223W	1.9	446
M	2-223W	1.9	446	N	1-223W	1.0	223
EXISTING LIGHTS							
O	4-215W	3.6	860	P	4-215W	3.6	860
Q	4-215W	3.6	860	R	3-215W	2.7	645
S	2-215W	1.8	430	T	2-215W	1.8	430
U	2-215W	1.8	430	V	2-215W	1.8	430
TOTAL		31.5	7486			26.0	6156
TOTAL CONNECTED LOAD CAPACITY (W)				13642			
LED K4 = 223 W, EXISTING LT= 215							

EPSTEIN	USER NAME = MET	DESIGNED - CG	REVISED -
		DRAWN - MG	REVISED -
	PLOT SCALE = 2.0000 ' / in.	CHECKED - JRK	REVISED -
	PLOT DATE = 4/28/2023	DATE - 4/28/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 (LINCOLN HWY) AT IL. ROUTE 50 (S. CICERO AVE.)
PROPOSED SINGLE LINE DIAGRAM LIGHTING SCHEMATIC

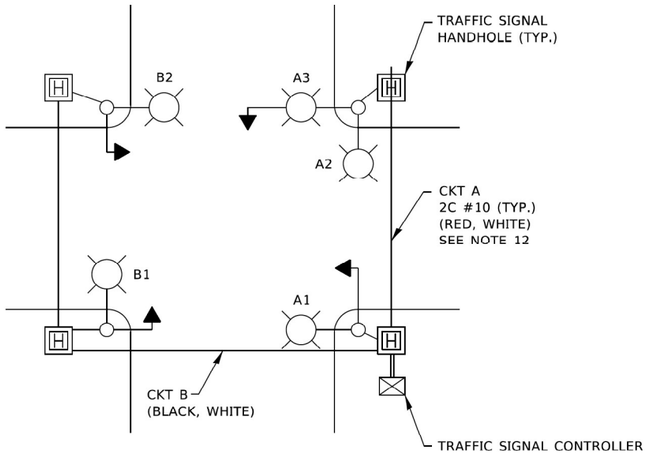
SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. NA TO STA. NA

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8HB-2	COOK	277	229

CONTRACT NO. 62G38

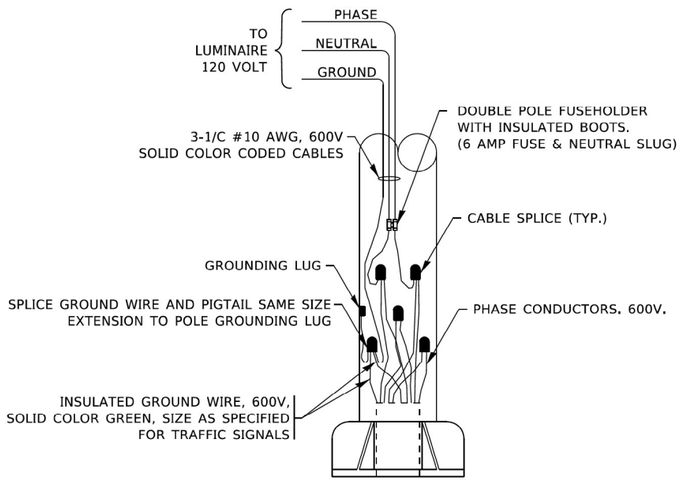
ILLINOIS FED. AID PROJECT

4/28/2023 $TIME$
$FILE$



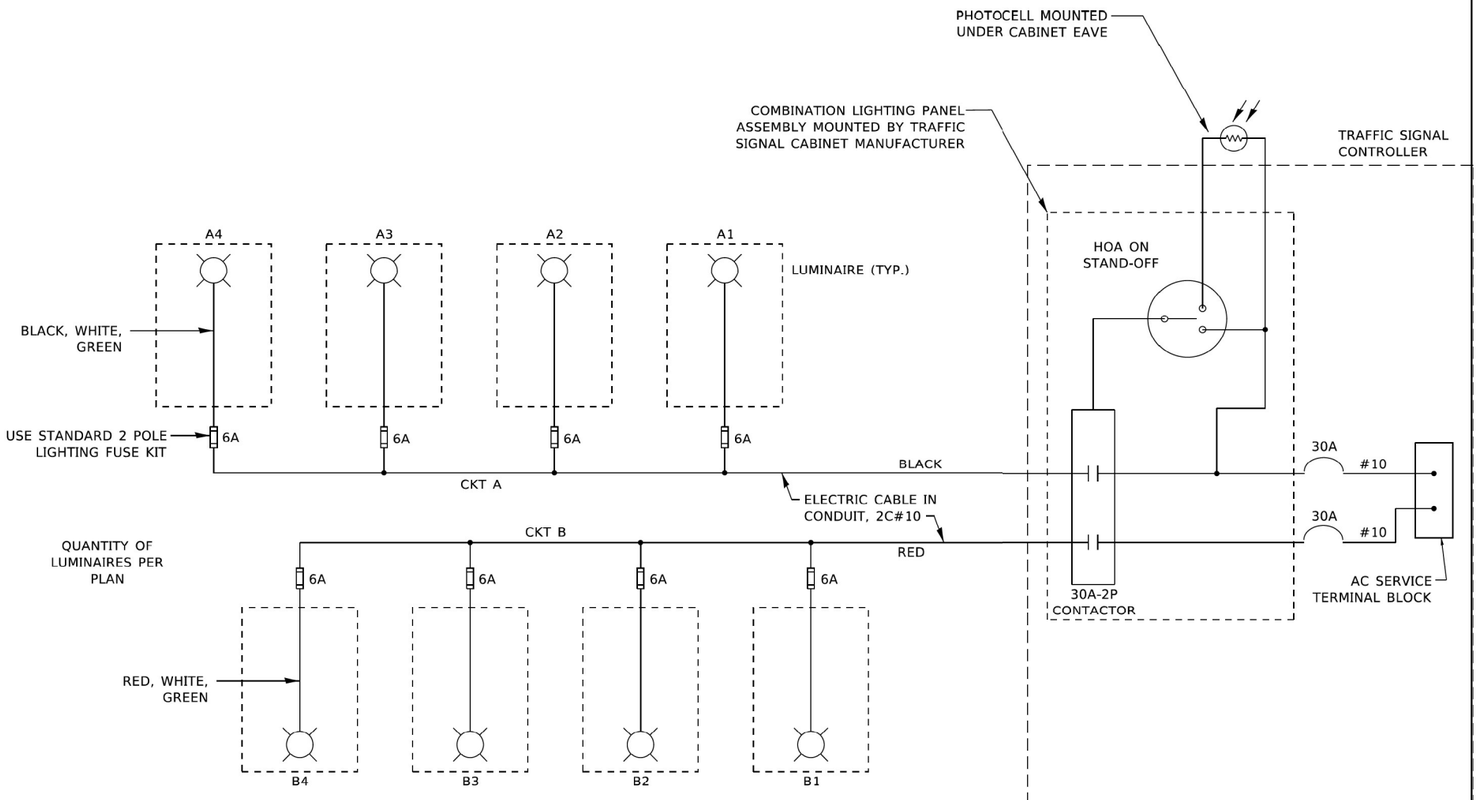
TYPICAL LIGHTING CIRCUIT

(NOT TO SCALE)



COMBINATION POLE WIRING DETAIL

(NOT TO SCALE)



NOTES

1. 4 LUMINAIRES PER CIRCUIT, MAXIMUM.
2. TWO #10 (XLP-TYPE USE) CABLES TO BE USED FOR LIGHTING CIRCUITS.
3. ROUTE LIGHTING CIRCUITS IN TRAFFIC SIGNAL CONDUIT SYSTEM.
4. ALL SPLICES AND CONNECTIONS FOR ROADWAY LIGHTING SHALL BE AT POLE BASE ONLY.
5. FOR LIGHTING CIRCUITS, CONNECT TWO CIRCUIT BREAKERS TO AC SERVICE TERMINAL BLOCK.
6. ALL WIRING SHALL BE NEATLY DRESSED, IDENTIFIED BY TAGS, AND SUPPORTED. (UNDERGROUND SPLICING OF LIGHTING CONDUCTORS IS NOT PERMITTED).
7. THE H.O.A. SWITCH SHALL BE LABELED AS "LIGHTING CONTROL" WITH THE POSITIONS "AUTO", "OFF" AND "TEST" WITH ENGRAVED NAME PLATES.
8. LIGHTING CONNECTED TO UPS BYPASS CIRCUIT.
9. COMBINATION LIGHTING MUST BE INSTALLED PRIOR TO SIGNAL TURN ON.
10. LUMINAIRE VOLTAGE SHALL BE 120V
11. POLE WIRING & FUSE KITS ARE INCLUDED IN THE LUMINAIRE PAY ITEM.
12. THE UNDERGROUND EQUIPMENT GROUND WIRE IS SHOWN IN THE TRAFFIC SIGNAL PLANS AND IS INCLUDED IN THE SIGNAL PLANS. IT IS SHARED GROUND BETWEEN SIGNALS AND LIGHTING.

IDOT STANDARD BE-240

STIMES
4/28/2023
SFILES

EPSTEIN

USER NAME = MET	DESIGNED - CG	REVISED -	
	DRAWN - MG	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - JRK	REVISED -	
PLOT DATE = 4/28/2023	DATE - 4/28/2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 (LINCOLN HWY) AT IL. ROUTE 50 (S. CICERO AVE.)
LIGHTING STANDARD DETAILS

SCALE: NONE-20' | SHEET OF 7 SHEETS | STA. | TO STA.

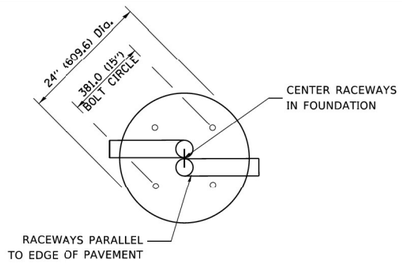
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8HB-2	COOK	277	230

CONTRACT NO. 62C38

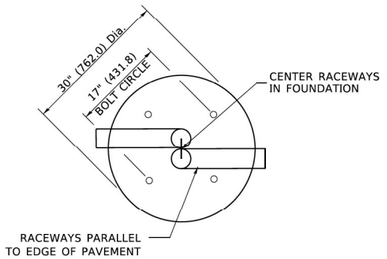
ILLINOIS | FED. AID PROJECT

LIGHT POLE FOUNDATION DEPTH TABLE
40 FT. (12.192 m) TO 47.5 FT. (14.478 m) MOUNTING HEIGHT

SOIL CONDITIONS	DESIGN DEPTH "D" OF FOUNDATION	
	SINGLE ARM POLE	TWIN ARM POLE
SOFT CLAY Qu = 0.375 TON/SQ. FT.	13'-0" (3.96 m)	15'-0" (4.57 m)
MEDIUM CLAY Qu = 0.75 TON/SQ.FT	9'-6" (2.09 m)	10'-9" (3.23 m)
STIFF CLAY Qu = 1.50 TON/SQ. FT.	7'-0" (2.13 m)	8'-0" (2.44 m)
LOOSE SAND ∅ = 34°	9'-0" (2.74 m)	10'-0" (3.05 m)
MEDIUM SAND ∅ = 37.5°	8'-3" (2.52 m)	9'-0" (2.74 m)
DENSE SAND ∅ = 40°	7'-9" (2.36 m)	9'-0" (2.74 m)

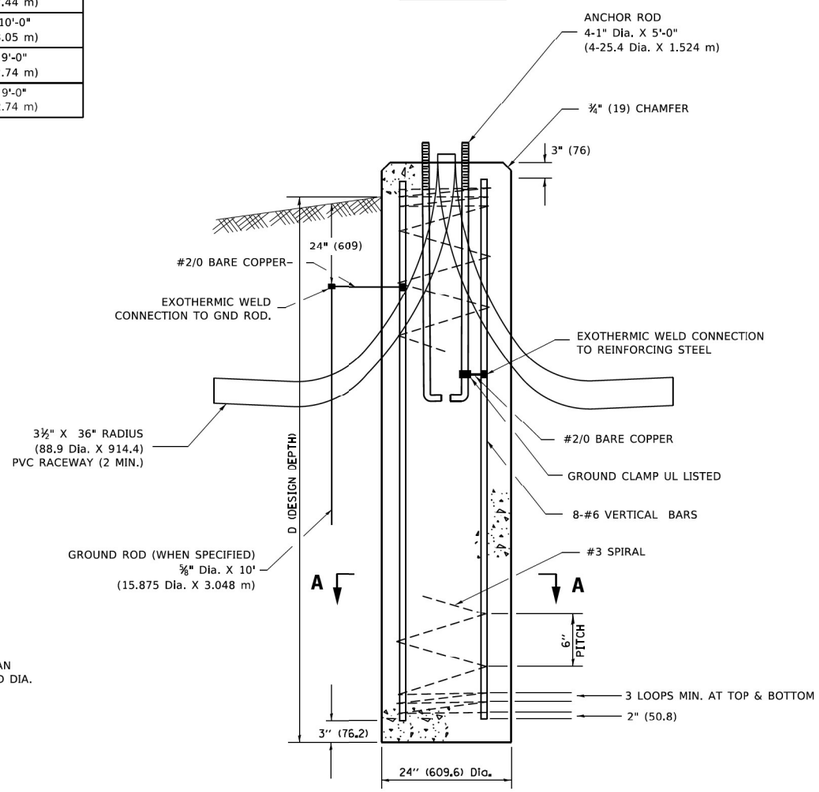


TOP VIEW



TOP VIEW

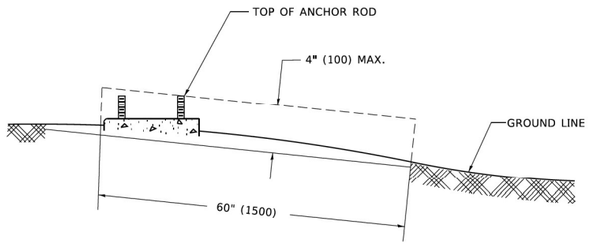
ANCHOR ROD DETAIL



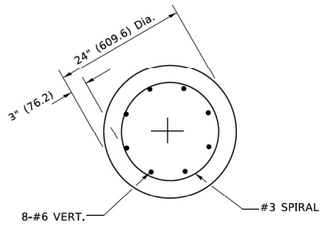
FOUNDATION DETAIL

NOTES

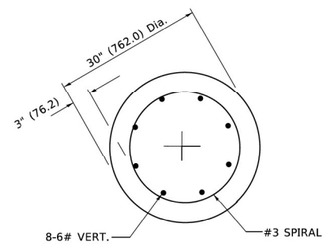
1. ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.
2. THE ANCHOR RODS AND RACEWAYS SHALL BE PROPERLY SECURED IN PLACE BEFORE THE CONCRETE IN PLACED.
3. THE FOUNDATION SHALL NOT PROTRUDE MORE THAN 100MM (4 IN.) ABOVE THE FINISHED GRADE WITHIN A 60 IN. (1.5 m) CHORD ACROSS THE FOUNDATION, WITH ANCHOR RODS INCLUDED, IN ACCORDANCE WITH AASHTO GUIDELINES. IF THE FOUNDATION HEIGHT, INCLUDING ANCHOR RODS, EXTENDS BEYOND THESE SPECIFIED LIMITS, THE FOUNDATION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. SEE FOUNDATION EXTENSION DETAIL.
4. THE HOLE FOR THE FOUNDATION SHALL BE MADE BY DRILLING WITH AN AUGER, OF THE SAME DIAMETER AS THE FOUNDATION. IF SOIL CONDITIONS REQUIRE THE USE OF A LINER TO FORM THE HOLE, THE LINER SHALL BE WITHDRAWN AS THE CONCRETE IS DEPOSITED.
5. THE TOP OF THE FOUNDATION SHALL BE CONSTRUCTED LEVEL. A LINER OR FORM SHALL BE USED TO PRODUCE A UNIFORM SMOOTH SIDE TO THE TOP OF THE FOUNDATION. FOUNDATION TOP SHALL BE CHAMFERED 3#4-IN. (20 mm).
6. THE CONCRETE SHALL BE CLASS SI. CONCRETE SHALL CURE ACCORDING TO ARTICLE 1020.13 BEFORE LIGHT POLES ARE INSTALLED.
7. THE ANCHOR ROD SHALL BE A HOOK ROD TYPE. COLD BENDING OF THE ANCHOR ROD WILL NOT BE ALLOWED. THE RADIUS OF THE HOOK BEND SHALL NOT BE LESS THAN 4 TIMES THE NOMINAL DIAMETER OF THE ANCHOR ROD. A TACK WELDED ANCHOR ROD MAY BE SUBSTITUTED WITH THE APPROVAL OF THE ENGINEER.
8. THE ANCHOR RODS SHALL BE ACCORDING TO ASTM F1554 GRADE 725 (GRADE 105). NUTS SHALL BE HEXAGON NUTS ACCORDING TO ASTM A 194 2H OR ASTM A 563 DH, AND WASHERS SHALL BE ACCORDING TO ASTM F 436.
9. ANCHOR RODS, NUTS AND WASHERS SHALL BE COMPLETELY GALVANIZED BY EITHER THE HOT-DIPPED PROCESS CONFORMING WITH AASHTO M 232, THE MECHANICAL PLATING METHOD CONFORMING TO AASHTO M 298, CLASS 50 WITH A MAXIMUM COATING THICKNESS OF 150 UM(6 MILS) OR THE ELECTROLYTIC PROCESS ACCORDING TO ASTM F 1135.
10. THE ANCHOR RODS SHALL BE THREADED A MINIMUM OF 6 INCHES (150 mm) WITH A MINIMUM OF 3 INCHES (75 mm) OF THREADED ANCHOR ROD EMBEDDED IN THE FOUNDATION.
11. ANCHOR RODS SHALL PROJECT 23#4" (69.9 mm) ABOVE THE TOP OF THE FOUNDATION. IF BREAKAWAY COUPLINGS ARE SPECIFIED, THE CONTRACTOR SHALL CAREFULLY COORDINATE THE ANCHOR ROD PROJECTION WITH THE INSTALLATION REQUIREMENTS OF THE BREAKAWAY COUPLINGS.
12. THE CONTRACTOR SHALL USE A #3 SPIRAL AT 6" (152.4 mm) PITCH OR MAY SUBSTITUTE #3 TIES AT 12" (304.8 mm) O.C. WITH THE APPROVAL OF THE ENGINEER.
13. THE CABLE TRENCHES AND FOUNDATION SHALL BE BACK FILLED AND COMPACTED AS SPECIFIED BEFORE THE LIGHT POLE IS ERECTED.
14 THE RACEWAYS SHALL PROJECT 1" (25.4 mm) ABOVE THE TOP OF THE FOUNDATION.



FOUNDATION EXTENSION DETAIL



SECTION A–A



SECTION A–A

IDOT STANDARD BE-301

USER NAME = MET	DESIGNED - CG	REVISED -	
	DRAWN - MG	REVISED -	
PLOT SCALE = 2.0000 ' / in.	CHECKED - JRK	REVISED -	
PLOT DATE = 4/28/2023	DATE - 4/28/2023	REVISED -	

EPSTEIN

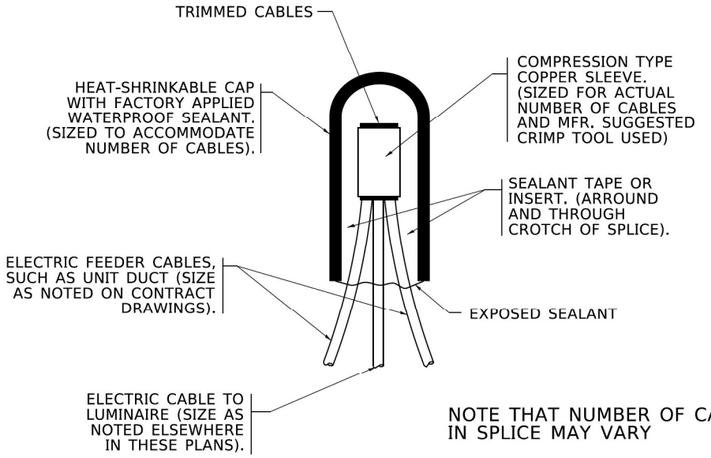
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 (LINCOLN HWY) AT IL. ROUTE 50 (S. CICERO AVE.)
LIGHTING STANDARD DETAILS

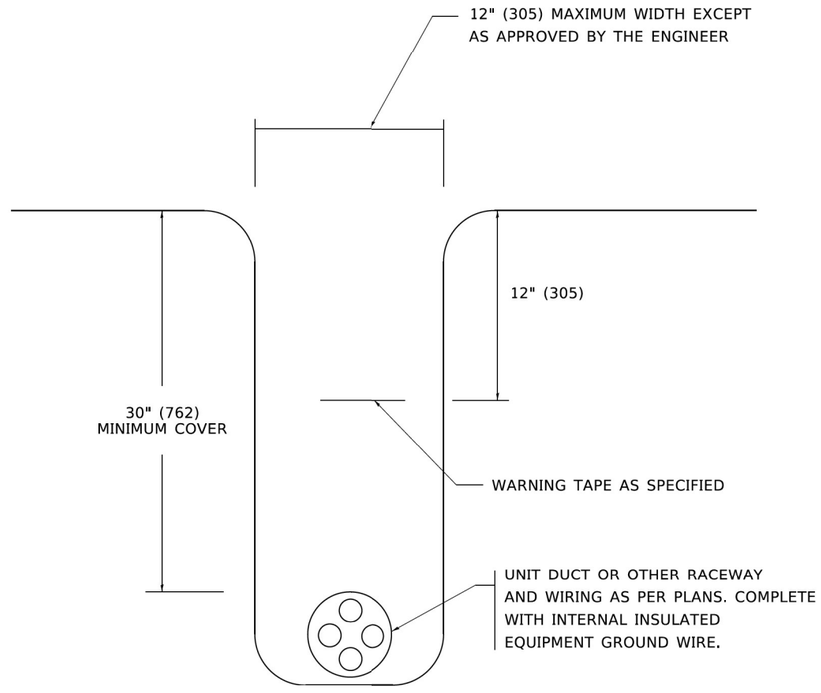
SCALE: NONE=20' | SHEET OF 7 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8HB-2	COOK	277	231
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			

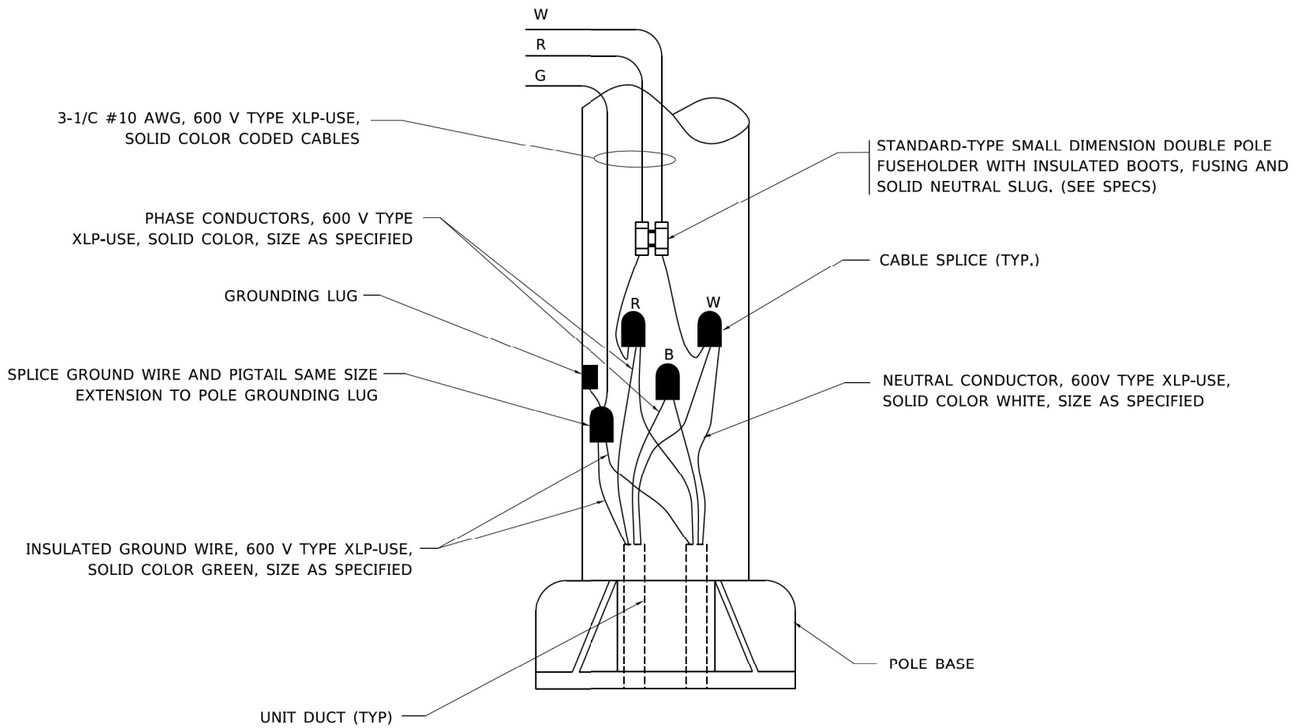
4/28/2023 STIMES
$FILE$



TYPICAL SPLICE DETAIL
N.T.S.



TYPICAL WIRING IN TRENCH DETAIL
N.T.S.



POLE WIRING DETAIL
N.T.S.

IDOT STANDARD BE-702

EPSTEIN	USER NAME = MET	DESIGNED - CG	REVISED -
		DRAWN - MG	REVISED -
	PLOT SCALE = 2.0000 ' / in.	CHECKED - JRK	REVISED -
	PLOT DATE = 4/28/2023	DATE - 4/28/2023	REVISED -

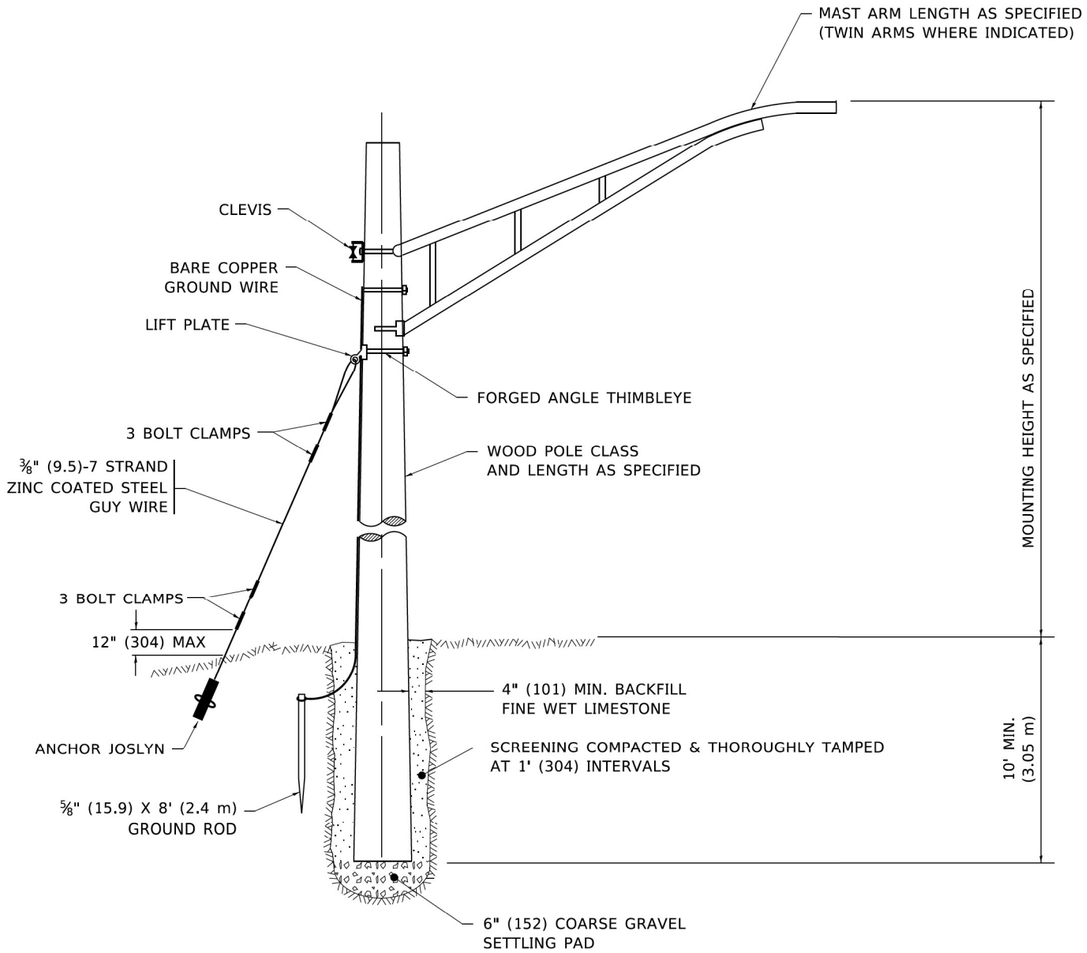
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 (LINCOLN HWY) AT IL. ROUTE 50 (S. CICERO AVE.)
LIGHTING STANDARD DETAILS

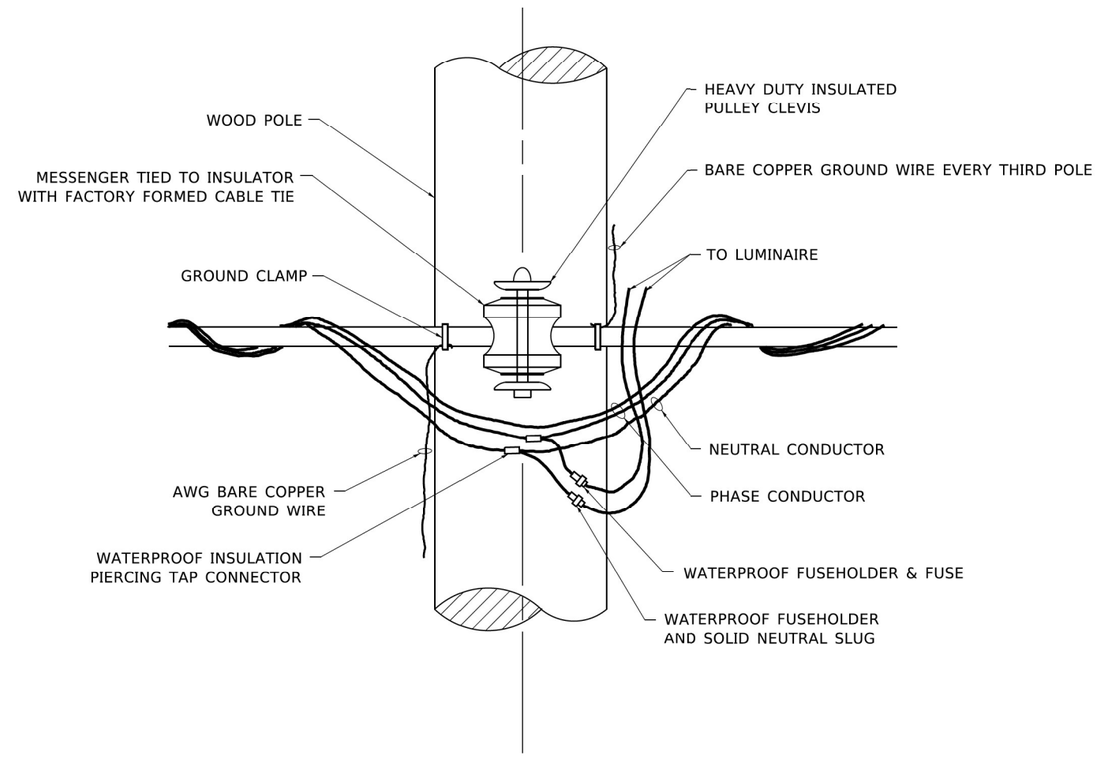
SCALE: NONE=20' | SHEET OF 7 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8HB-2	COOK	277	232
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			

4/28/2023 STIMES
$FILE$



TEMPORARY LIGHT POLE DETAIL



TEMPORARY LIGHT POLE ATTACHMENT DETAIL

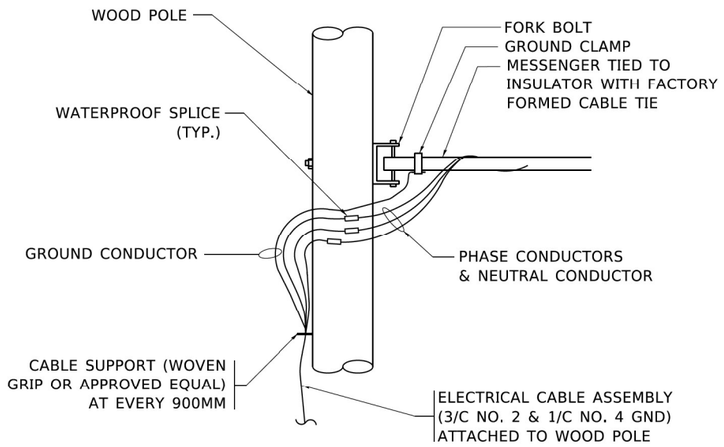
NOTE:

1. ALL DIMENSIONS IN INCHES (MILLIMETERS) UNLESS OTHERWISE INDICATED.
2. MAST ARM SHALL BE RATED FOR THE SPECIFIED MOUNTING HEIGHT.

IDOT STANDARD BE-800

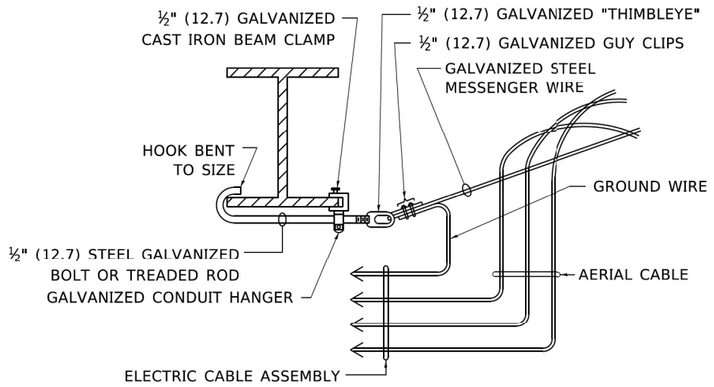
EPSTEIN	USER NAME = MET	DESIGNED - CG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	U.S. ROUTE 30 (LINCOLN HWY) AT IL. ROUTE 50 (S. CICERO AVE.) LIGHTING STANDARD DETAILS	F.A.P. RTE. 345	SECTION 8HB-2	COUNTY COOK	TOTAL SHEETS 277	SHEET NO. 233
		DRAWN - MG	REVISED -					CONTRACT NO. 62G38		
	PLOT SCALE = 2.0000 ' / in.	CHECKED - JRK	REVISED -							
	PLOT DATE = 4/28/2023	DATE - 4/28/2023	REVISED -		SCALE: NONE=20' SHEET OF 7 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT		

4/28/2023 $TIME$
$FILE$



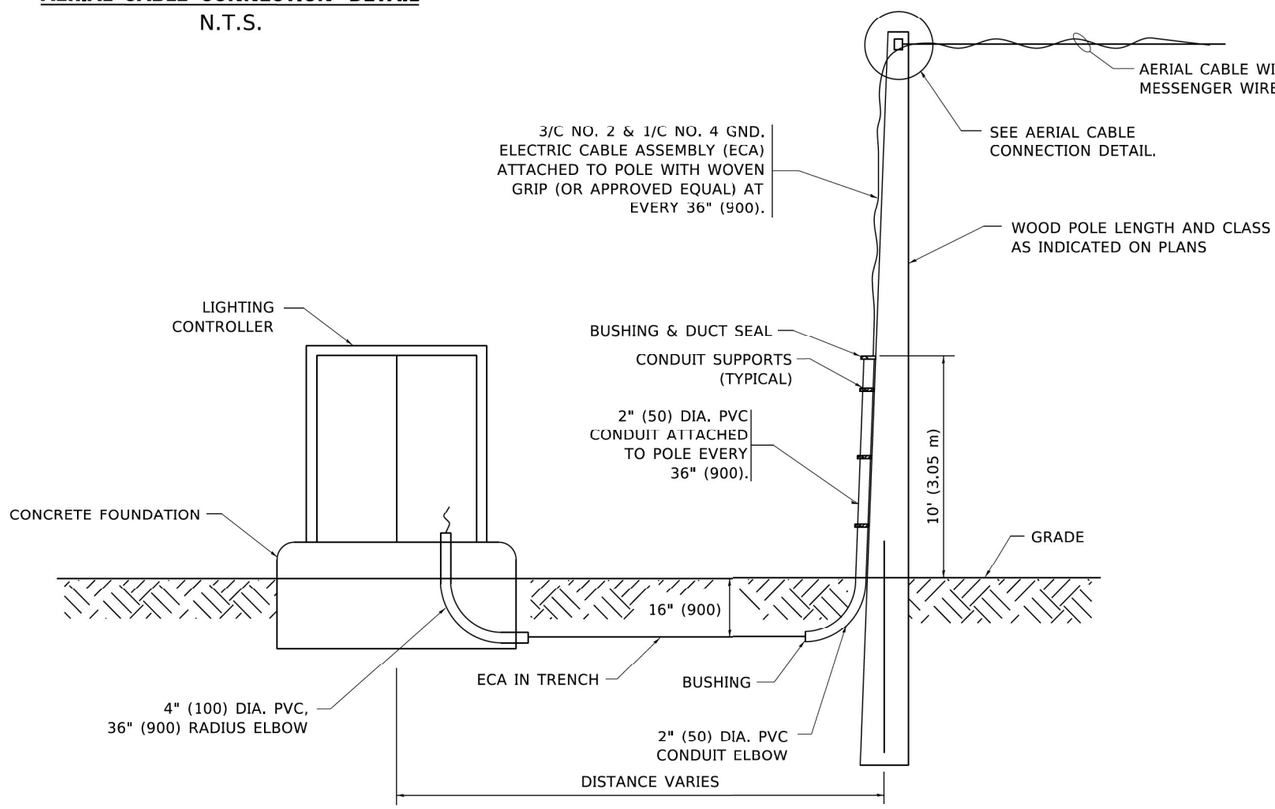
AERIAL CABLE CONNECTION DETAIL

N.T.S.



AERIAL CABLE ATTACHED TO STRUCTURE

NOT TO SCALE



WOOD POLE TO LIGHTING CONTROLLER WIRING CONNECTION DETAIL

N.T.S.

NOTES:

1. ALL DIMENSIONS IN INCHES (MILLIMETERS) UNLESS OTHERWISE INDICATED.
2. SEE PROPOSED LIGHTING PLAN FOR CONDUIT, CABLE AND ROUTING.
3. THE CONTRACTOR SHALL PROVIDE INTERMEDIATE SUPPORTS TO MAINTAIN MINIMUM CLEARANCES. REFER TO AERIAL AERIAL CABLE ATTACHED TO STRUCTURE DETAIL.
4. COST OF SPLICES AND MOUNTING HARDWARE SHALL BE INCLUDED IN THE UNIT PRICE FOR AERIAL CABLE.

IDOT STANDARD BE-801

4/28/2023 STIMES
SPLICES

EPSTEIN

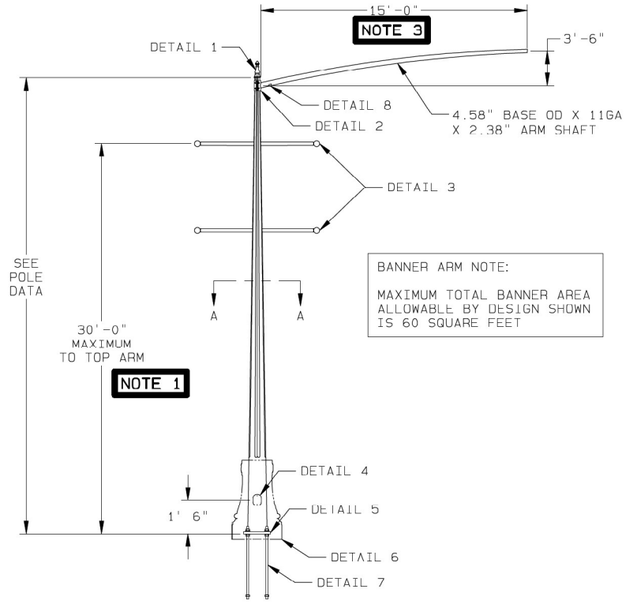
USER NAME = MET	DESIGNED - CG	REVISED -
	DRAWN - MG	REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED - JRK	REVISED -
PLOT DATE = 4/28/2023	DATE - 4/28/2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 (LINCOLN HWY) AT IL. ROUTE 50 (S. CICERO AVE.)
LIGHTING STANDARD DETAILS

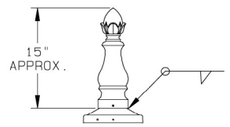
SCALE: NONE-20' | SHEET OF 7 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8HB-2	COOK	277	234
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		



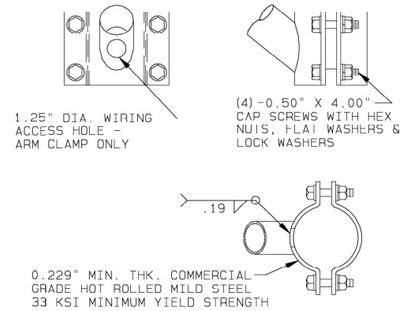
BANNER ARM NOTE:

MAXIMUM TOTAL BANNER AREA ALLOWABLE BY DESIGN SHOWN IS 60 SQUARE FEET

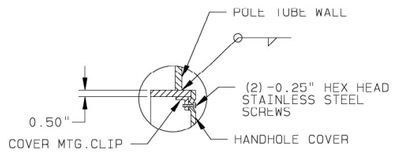


REMOVABLE CAP PROVIDED
WITH MINMUM (3) SET SCREWS

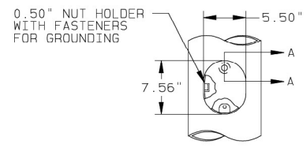
DETAIL 1 | ALHAMBRA DECORATIVE FINIAL CAP



DETAIL 2 | LUMINAIRE ARM ATTACHMENT



SECTION A-A

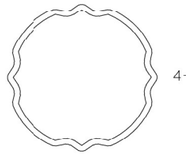


DETAIL 4 | HANDHOLE

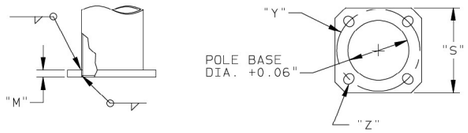
XX' LUM
CLAMP RANGE
X.XX"-X.XX"
VALMONT
MM-YY

1.50" X 3.25" ALUMINUM IDENTIFICATION TAG SECURED TO ARM SHAFT WITH (2) 0.19" RIVETS, LOCATED 6" FROM BASE END ON BOTTOM SIDE OF LOWER MEMBER. 0.25" LETTERING.

DETAIL 8 | LUMINAIRE ARM ID TAG



SECTION A-A



DETAIL 5 | POLE BASE

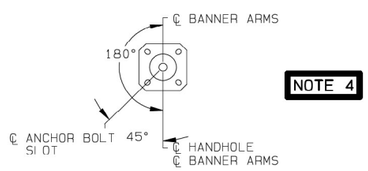
ALTHOUGH RARE, VIBRATIONS SEVERE ENOUGH TO CAUSE DAMAGE CAN OCCASIONALLY OCCUR IN STRUCTURES OF ALL TYPES. BECAUSE THEY ARE INFLUENCED BY MANY INTERACTING VARIABLES, VIBRATIONS ARE GENERALLY UNPREDICTABLE. THE USER'S MAINTENANCE PROGRAM SHOULD INCLUDE OBSERVATION FOR EXCESSIVE VIBRATION AND EXAMINATION FOR ANY STRUCTURAL DAMAGE OR BOLT LOOSENING. THE VALMONT WARRANTY SPECIFICALLY EXCLUDES FATIGUE FAILURE OR SIMILAR PHENOMENA RESULTING FROM INDUCED VIBRATION, HARMONIC OSCILLATION OR RESONANCE ASSOCIATED WITH MOVEMENT OF AIR CURRENTS AROUND THE PRODUCT.

VIBRATION DISCLAIMER

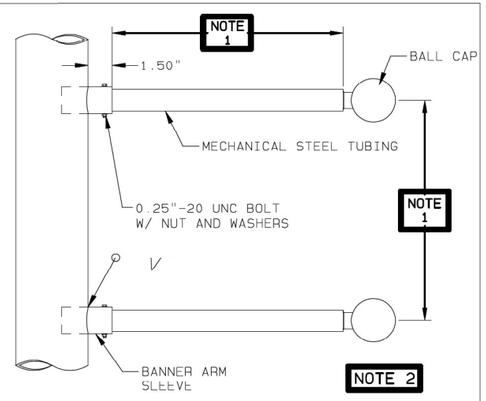
MATERIAL DATA		
COMPONENT	ASTM DESIGNATION	MIN. YIELD (KSI)
POLE TUBE	A595 GR.A	55
POLE BASE	A572 GR.50	50
ANCHOR BOLTS	F1554 GR.105	55
GALVANIZING-HARDWARE	HOT DIP ZINC	--

FINISH DATA	
SYSTEM:	V-PR054 (VP54)
BASE COAT:	HOT-DIP GALVANIZED TO ASTM A123
PRIME COAT:	HIGH BUILD EPOXY POWDER
FINISH COAT:	SUPER DURABLE POWDER
COLOR:	SEMI-GLOSS BLACK
VALMONT SPEC:	F-573A

ALL ANGLES MEASURED CLOCKWISE FROM HAND-HOLE AS VIEWED FROM SMALL END OF POLE

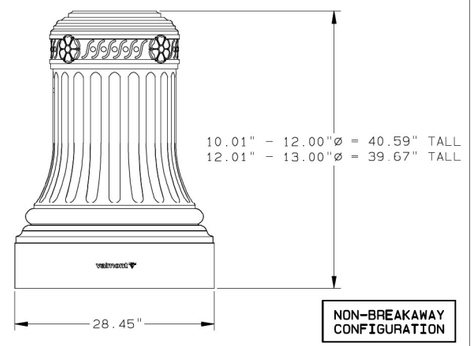


RADIAL INDEX



DETAIL 3 | FIXED BANNER ARM ATTACHMENT

TWO PIECE CLAMSHELL COVER
MADE WITH ELASTOMERIC URETHANE



DETAIL 6 | 3L02EC DECORATIVE BASE

THE LIGHTING STRUCTURES SHOWN ON THIS DRAWING HAVE BEEN DESIGNED IN ACCORDANCE WITH THE LOADING AND THE NOMINAL STRENGTH REQUIREMENTS OF THE 2015 AASHTO "LRFD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS, FIRST EDITION", SITE. THE WIND LOADS WERE CALCULATED FROM AN ULTIMATE WIND VELOCITY OF 120 MPH WITH A MEAN RECURRENCE INTERVAL OF1700 YEARS.

AASHTO 2015 SPECIFICATIONS

NOTES:

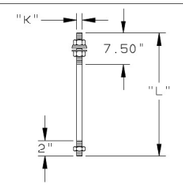
1. PLEASE SPECIFY THE FOLLOWING BANNER INFORMATION WITH RELEASE FOR MANUFACTURING:
   - -BANNER QUANTITY
   - -BANNER WIDTH/LENGTH (MAX 60 S.F. TOTAL)
   - -TOP BANNER ARM LOCATION ON POLE
   - -BANNER WEIGHT (IF BANNER IS ELECTRONIC/DIGITAL/CHANGABLE MESSAGE)
2. BANNER ARMS WILL BE SIZED AND POLE DESIGN WILL BE CONFIRMED BASED ON BANNER INFORMATION FROM NOTE 1.
3. STRUCTURE SHOWN DESIGNED FOR USE WITH A SINGLE LUMINAIRE ARM.
4. VERIFY ALL ORIENTATIONS WITH RELEASE FOR MANUFACTURING. ORIENT LUMINAIRE ARM ON POLE AS NEEDED.

POLE DATA

ITEM	QTY.	POLE TUBE				POLE BASE				ANCHOR BOLT			
		BASE DIA. (IN)	TOP DIA. (IN)	LENGTH (FT)	GAUGE OR THK. (IN)	SQUARE "S" (IN)	BOLT CIRCLE "Y" (IN)	THK. "M" (IN)	SLOT "Z" (IN)	DIA. "K" (IN)	LENGTH "J" (IN)	HOOK "H" (IN)	THREAD LENGTH "U" (IN)
1	4	12.50	7.32	37.00	3	18.00	17.00	2.00	1.88 X 2.44	1.75	84.00	4.00	6.00

EACH ANCHOR BOLT GALVANIZED OVER THE FULL LENGTH.

EACH BOLT FURNISHED WITH (3)-HEX NUTS, (2)-FLAT WASHERS AND (1) LOCKWASHER.



DETAIL 7 | ANCHOR BOLT

REV	DRAWN BY-DATE	CHECK BY-DATE	DESCRIPTION
B	JDF1 03/16/23	JDF1 03/16/23	REVISED PER CUSTOMER REQUEST
A	JDF1 10/24/22	JDF1 10/24/22	REVISED FOR 15' SLIP-IN MOUNT LUM ARM
—	JDF1 10/01/21	JDF1 10/01/21	— — — — — — — — — — — — — — — — — — — —

SOLD TO:
SHIP TO:
P.O. #: SALES PROPOSAL
AGENT: LIGHTING SOLUTIONS OF ILLINOIS

JOB: VILLAGE OF MATTESON DECORATIVE STREET LIGHT POLE
TITLE: LIGHTING STRUCTURES

VALMONT INDUSTRIES, INC. RESERVES THE RIGHT TO INSTALL VARIOUS, ENGINEER APPROVED, MATERIAL HANGING ACCOMMODATIONS TO FACILITATE THE MANUFACTURING PROCESS.

valmont
Valley,NE 68064
(402) 359-2201

ORDER NUMBER: 530116-P1
PAGE NUMBER: 1 OF 4
DRAWING NUMBER: IL530116P1
REV: B

4/28/2023 STIMES
SFILES

EPSTEIN

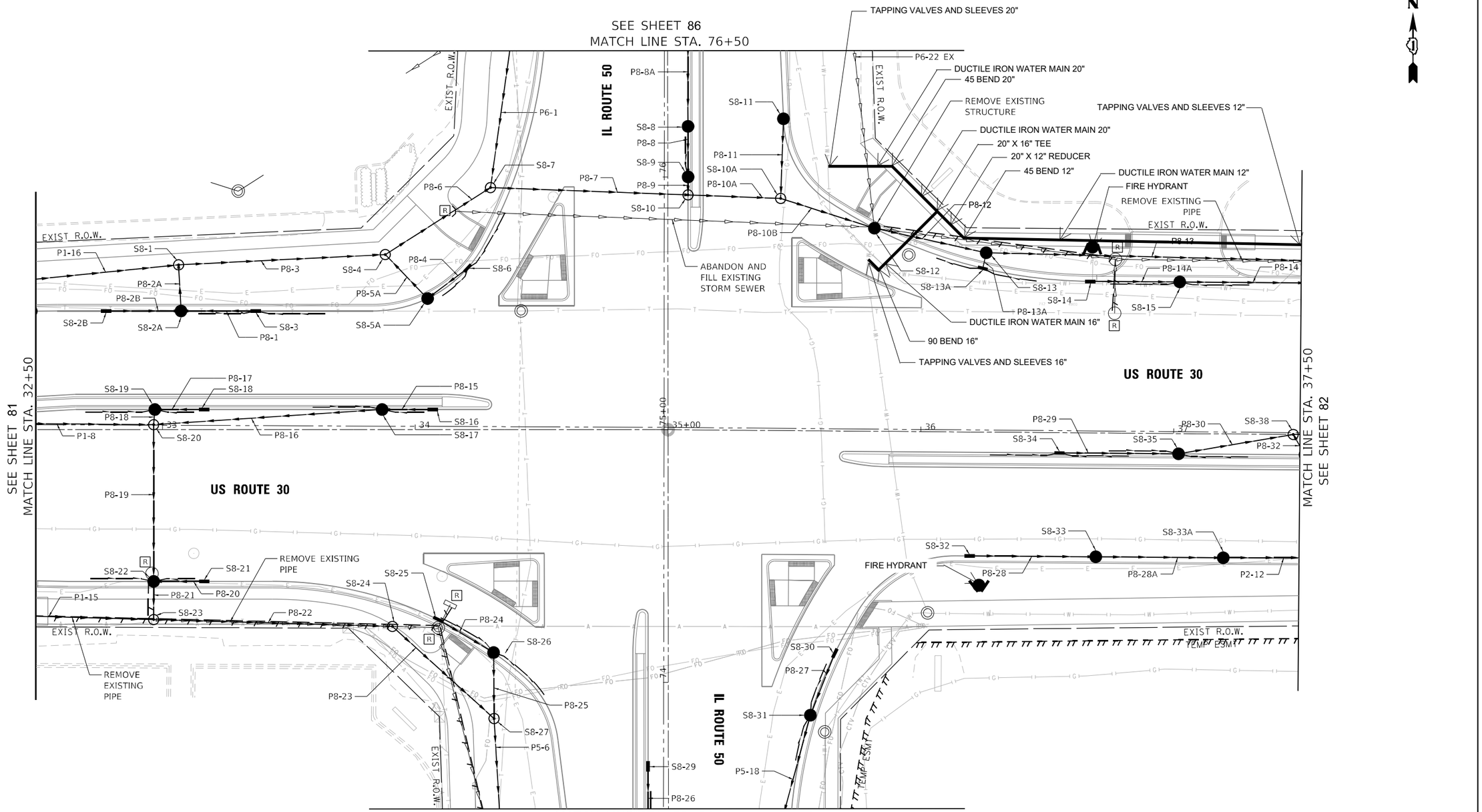
USER NAME = MET	DESIGNED - CG		REVISED -
	DRAWN - MG		REVISED -
PLOT SCALE = 2.0000 ' / in.	CHECKED - JRK		REVISED -
PLOT DATE = 4/28/2023	DATE - 4/28/2023		REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 (LINCOLN HWY) AT IL. ROUTE 50 (S. CICERO AVE.)
LIGHTING STANDARD DETAILS

SCALE: NONE=20' | SHEET OF 7 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	8HB-2	COOK	277	234A
		CONTRACT NO. 62C38		
		ILLINOIS	FED. AID PROJECT	



LEGEND

- PROPOSED STORM SEWER
- PROPOSED CATCH BASIN
- PROPOSED INLET
- PROPOSED FLARED END SECTION
- STORM SEWER / PIPE CULVERT REMOVAL
- PROPOSED MANHOLE
- ADJ STRUCTURE TO BE ADJUSTED
- R STRUCTURE TO BE REMOVED
- PROPOSED PIPE UNDERDRAIN

0 20 40 60
SCALE IN FEET

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Robinson ENGINEERING

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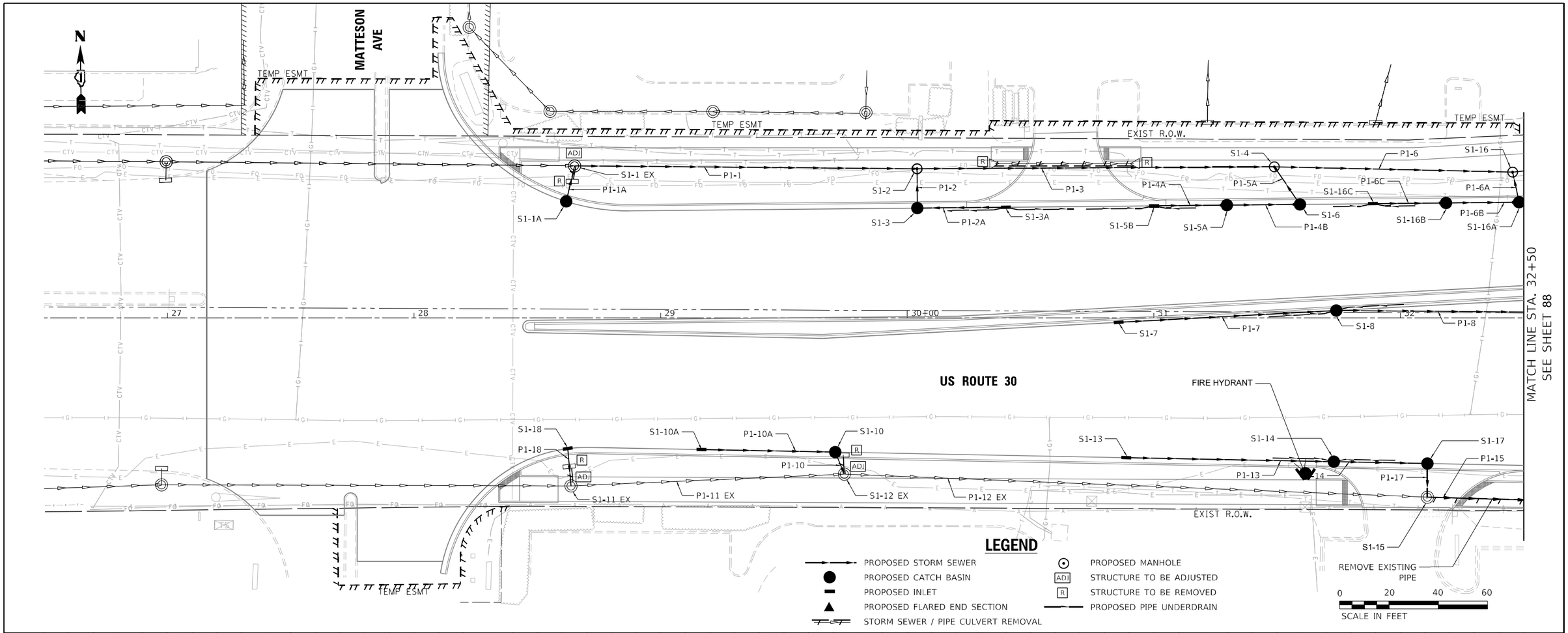
PLOT DATE = 2/28/2023	DATE - 02-28-2023	REVISED -

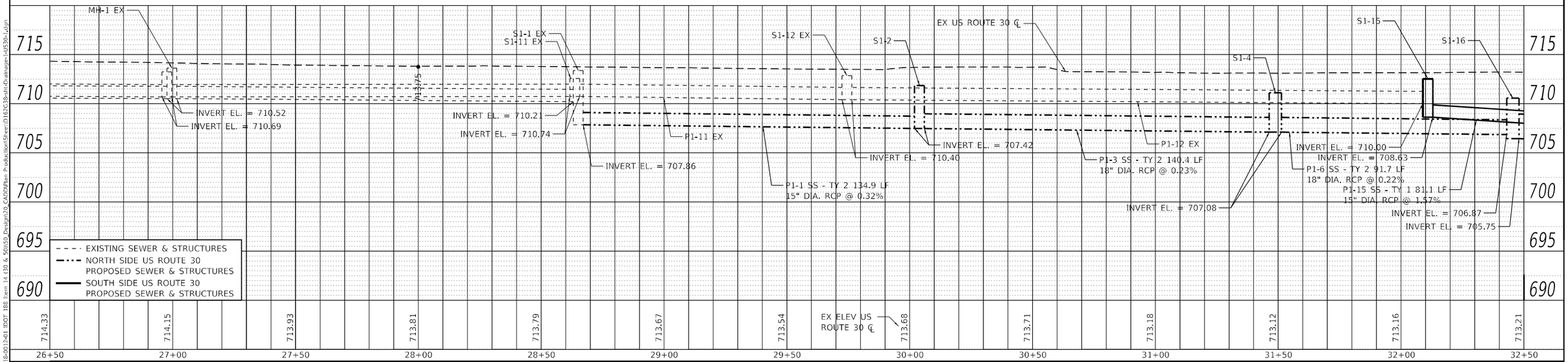
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WATER MAIN ADJUSTMENT PLAN
INTERSECTION DETAIL

SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	235
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		





PLAN
SURVEYED
PLOTTED
ALIGNMENT CHECKED
R.O. WAY CHECKED
CADD FILE NAME
NOTE BOOK
NO.
BY
DATE

PROFILE
SURVEYED
PLOTTED
GRADES CHECKED
I&M. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
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Robinson ENGINEERING

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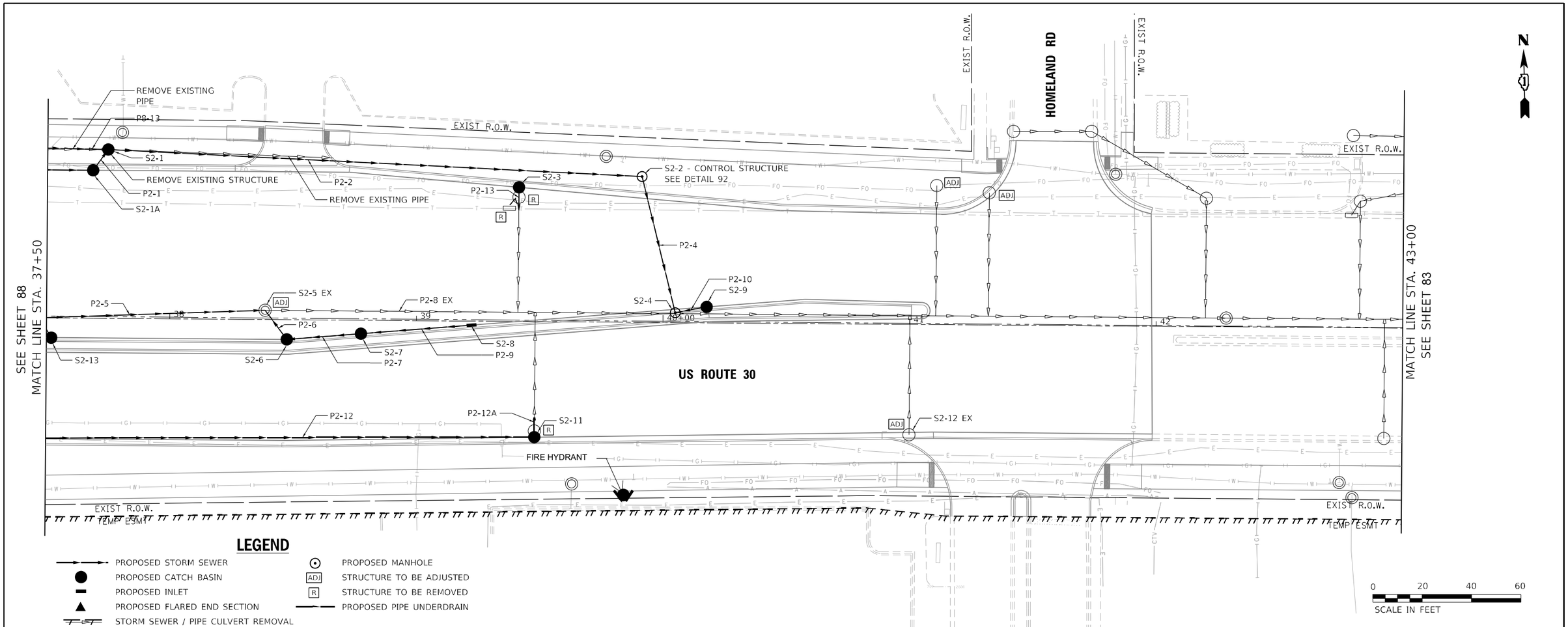
PLOT DATE = 2/28/2023	DATE - 02-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WATER MAIN ADJUSTMENT PLAN
US ROUTE 30 (LINCOLN HIGHWAY)

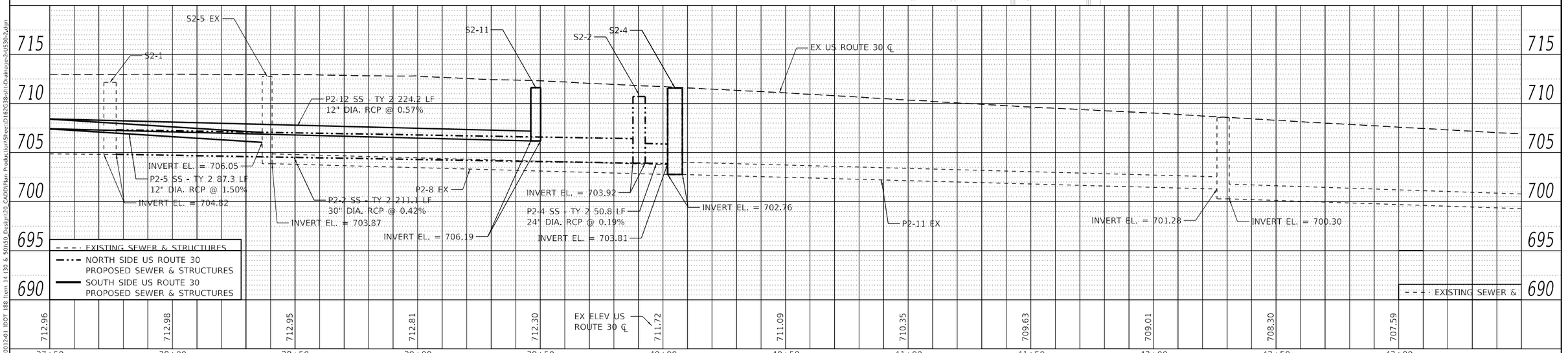
SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	235A
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			



LEGEND

- PROPOSED STORM SEWER
- PROPOSED CATCH BASIN
- PROPOSED INLET
- PROPOSED FLARED END SECTION
- STORM SEWER / PIPE CULVERT REMOVAL
- PROPOSED MANHOLE
- ADJ STRUCTURE TO BE ADJUSTED
- R STRUCTURE TO BE REMOVED
- PROPOSED PIPE UNDERDRAIN



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PLOT DATE = 2/28/2023	DATE - 02-28-2023	REVISED -	

Robinson ENGINEERING

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WATER MAIN ADJUSTMENT PLAN
US ROUTE 30 (LINCOLN HIGHWAY)

SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	235B
		CONTRACT NO. 62G38		
		ILLINOIS	FED. AID PROJECT	

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PROFILE: SURVEYED / PLOTTED / GRADES CHECKED / B.M. NOTED / STRUCTURE NOTATNS CHKD / NOTE BOOK NO. / BY / DATE

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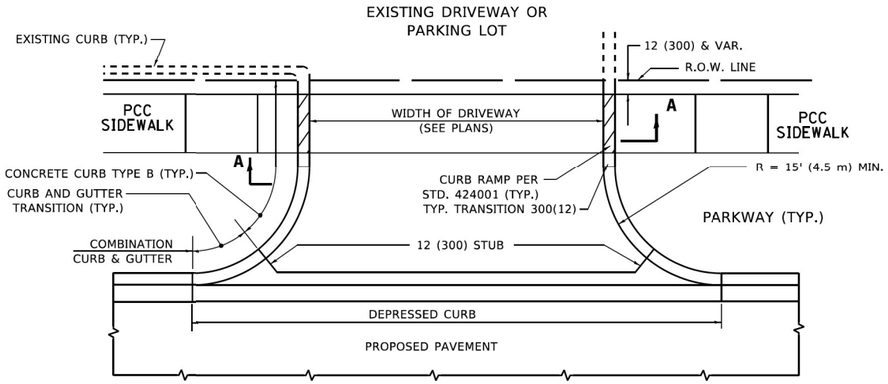
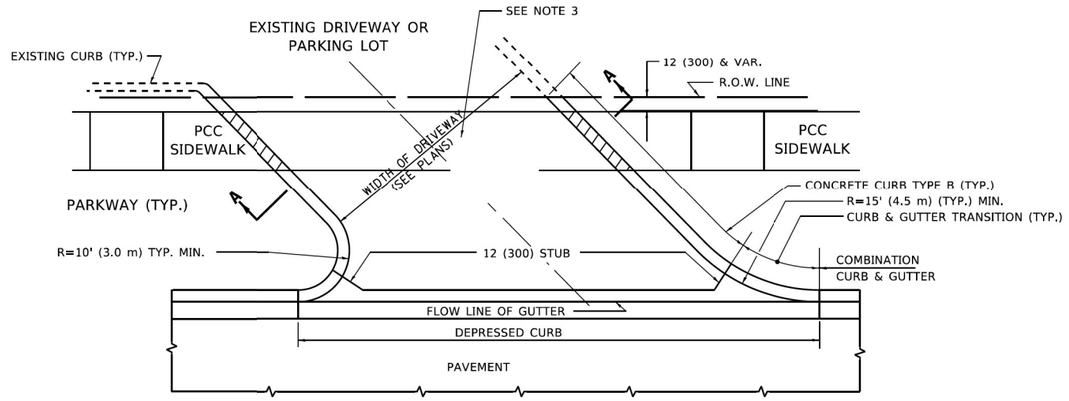
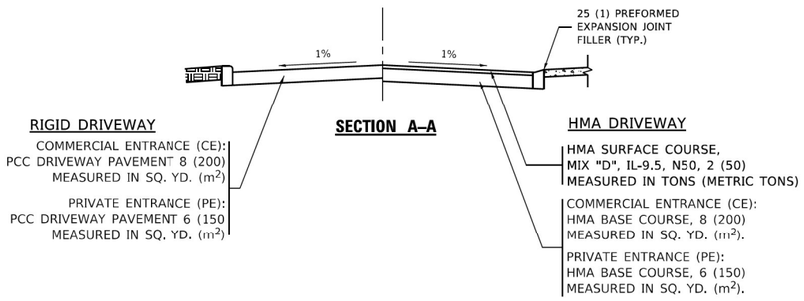
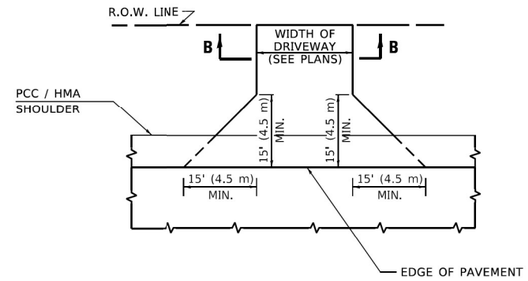


WITH CONCRETE CURB, TYPE B

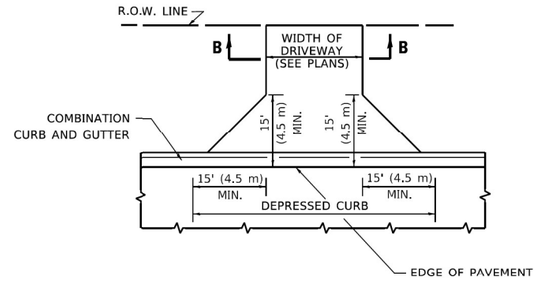


WITH CONCRETE CURB, TYPE B

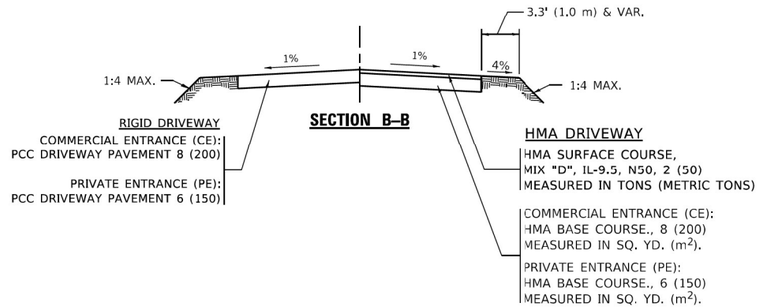




ADJACENT TO PCC /HMA SHOULDER



ADJACENT TO CURB AND GUTTER



GENERAL NOTES

1. DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.

2. COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

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

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Peralte-Clark LLC

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	DRAWN - ASH	REVISED -
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PLOT DATE = 3/22/2023	DATE - 02-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD DESIGN DETAILS

SCALE: N/A | SHEET OF SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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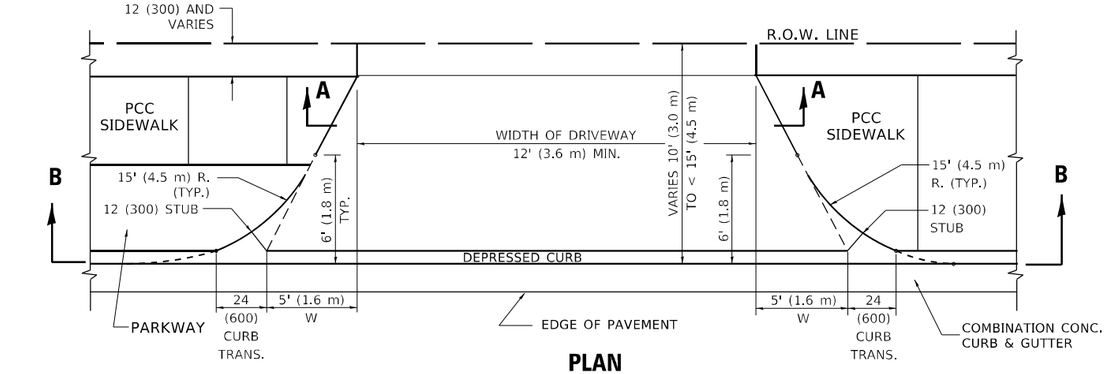
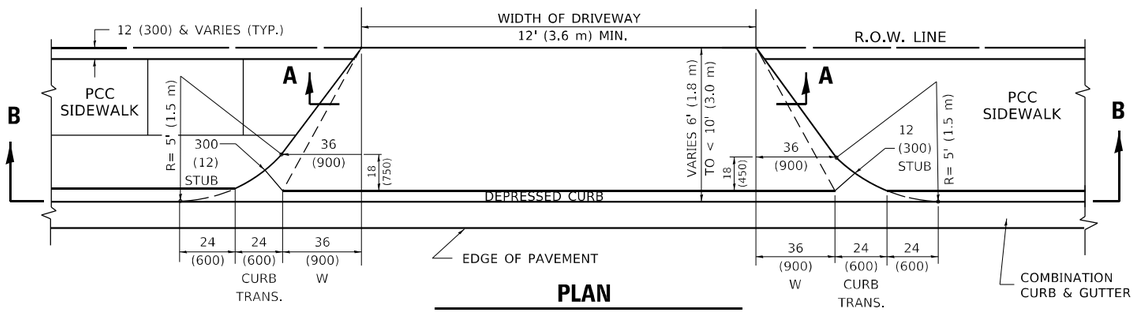
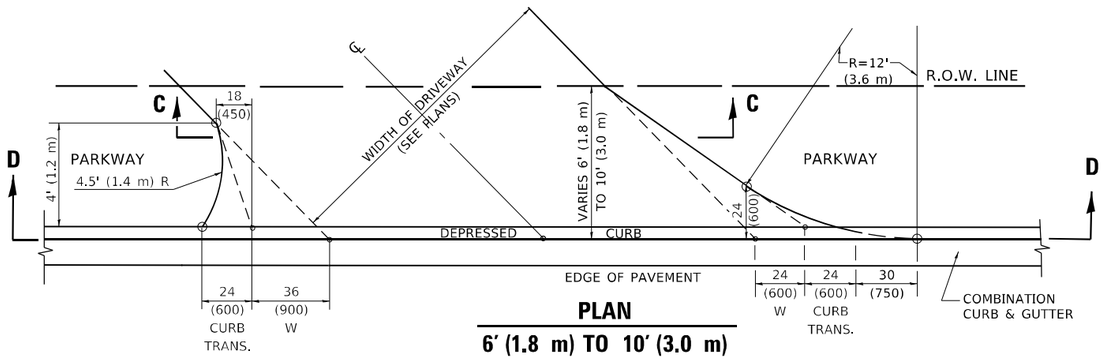
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		



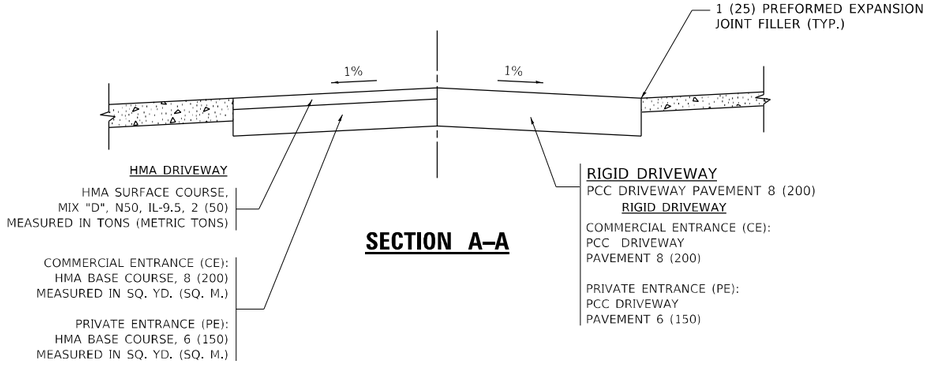
PLAN
10' (3.0 m) TO < 15' (4.5 m)



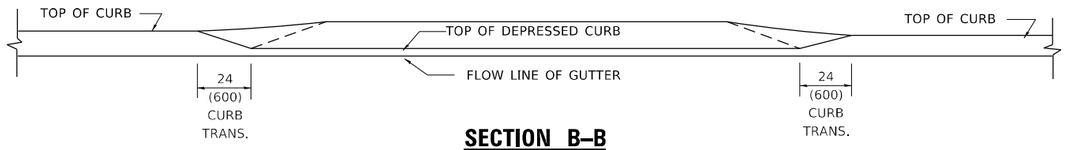
PLAN
6' (1.8 m) TO < 10' (3.0 m)



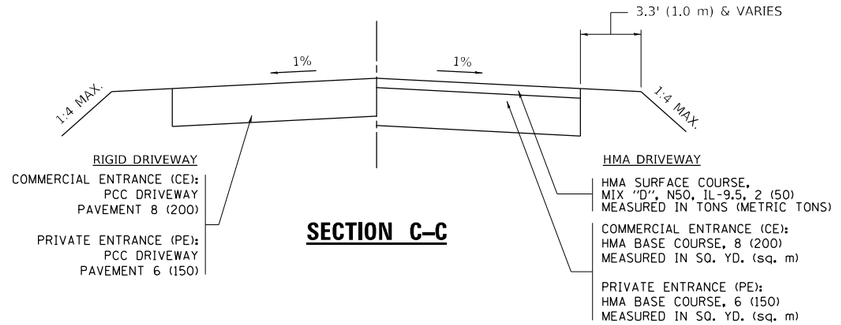
PLAN
6' (1.8 m) TO 10' (3.0 m)



SECTION A–A



SECTION B–B



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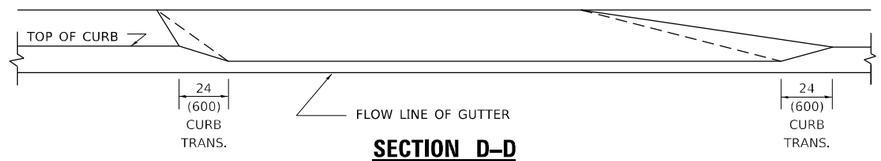

SECTION D–D

GENERAL NOTES

1. DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATION 10 IN THE PERMIT HANDBOOK. WHERE SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED WITH RIGID PAVEMENT. WHERE NO SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED IN KIND. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.
2. WHEN THE DISTANCE BETWEEN R.O.W. AND THE BACK OF CURB IS EQUAL TO OR LESS THAN 8' (2.4 m), THE PCC SIDEWALK SHALL EXTEND TO THE BACK OF CURB.
3. "W" VARIES FROM 36 (900) TO 5' (1.5 m) PROPORTIONAL TO THE LENGTH (L), FROM 6' (1.8 m) TO 10' (3 m).

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

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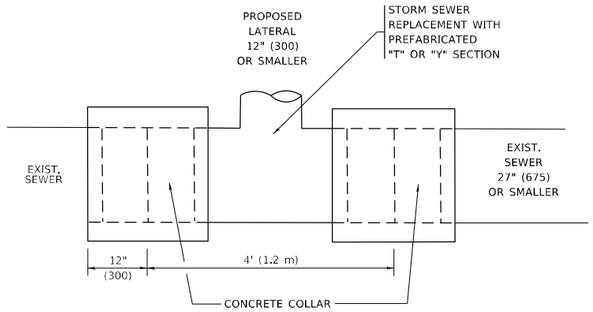
	DRAWN -	REVISED - R. BORO 09-06-11	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - K. SMITH 08-27-19	
PLOT DATE = 2/2/2022	DATE - 11-06-95	REVISED - K. SMITH 02-01-22	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRIVEWAY DETAILS
DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5m)

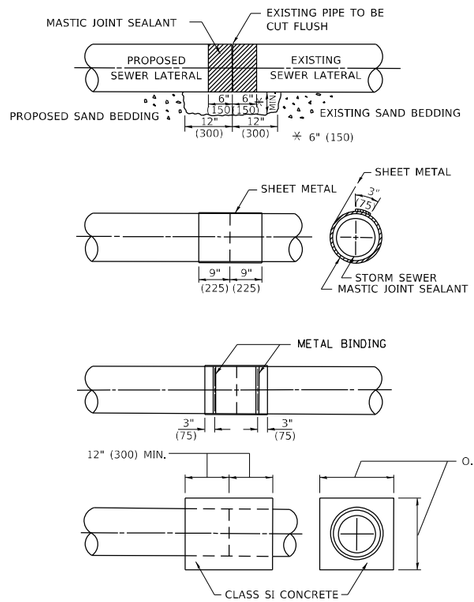
SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	237
	BD400–02 (BD–02)	CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			



DETAIL "A"

LATERAL CONNECTION TO EXISTING SEWER
OF 27" (675) OR SMALLER

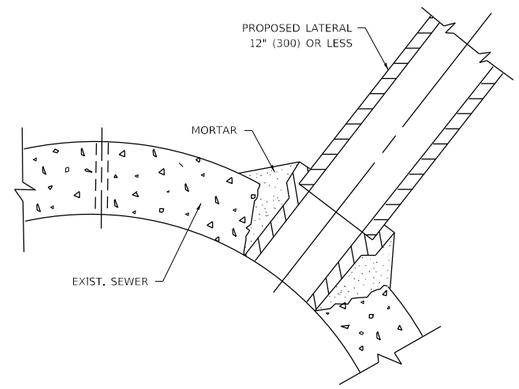


DETAIL "B"

CLASS SI CONCRETE COLLAR

CONSTRUCTION SEQUENCE

1. CUT THE EXISTING END OF THE PIPE SO AS TO PRESENT A FLUSH BUTT JOINT. BRUSH AND CLEAN ALL PIPES.
2. APPLY THE MASTIC JOINT SEALANT TO THE FIRST 6" (150) OF EACH PIPE.
3. BUTT THE PIPES TOGETHER LEAVING A MINIMUM OF 12' x 6' (300 x 150) DEEP EXCAVATION UNDER AND AROUND EACH PIPE END.
4. CUT A PIECE OF SHEET METAL GAGE NO. 19 1.1 (0.0418) 18" (450) WIDE BY THE OUTSIDE CIRCUMFERANCE OF THE PIPE PLUS 3" (75) LONG.
5. WRAP THE SHEET METAL AROUND THE PIPES, 9" (225) ON EACH SIDE OF THE JOINT, STARTING AT THE TOP OF THE PIPE.
6. LAP THE SHEET METAL AT LEAST 3" (75) AT THE TOP OF THE PIPE AND PLACE THE MASTIC JOINT SEALANT BETWEEN THE LAP.
7. PLACE TWO METAL BANDS AROUND THE SHEET METAL AND TIGHTEN.
8. WIPE OFF ANY EXCESS MASTIC JOINT SEALANT THAT OOZES OUT FROM BETWEEN THE SHEET METAL AND THE PIPES.
9. PLACE CLASS SI CONCRETE AROUND THE JOINT.



DETAIL "C"

PROPOSED LATERAL
CONNECTION TO EXISTING SEWER
OF 30" (750) OR LARGER

NOTES:

MATERIAL

MATERIAL USED FOR THE TEE OR WYE SECTION SHALL BE COMPATIBLE WITH THE EXISTING STORM SEWER OR THE PROPOSED STORM SEWER.

CONSTRUCTION METHODS

I. THIS WORK SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE APPLICABLE PORTIONS OF SECTION 550 OF THE STANDARD SPECIFICATIONS.

II. CONNECTION TO AN EXISTING STORM SEWER SHALL BE BY EITHER OF THE FOLLOWING METHODS:
- A) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 27" (675) OR SMALLER SEE DETAIL "A" AND "B".
- B) PROPOSED STORM SEWER CONNECTION TO EXISTING SEWER OF 30" (750) OR LARGER SEE DETAIL "C".

IF THE EXISTING SEWER PIPE IS CRACKED, BROKEN OR OTHERWISE DAMAGED BY THE CONTRACTOR IN MAKING THE CIRCULAR OPENING, THE CONTRACTOR SHALL REPLACE THAT SECTION OF PIPE WITH PIPE EQUAL AND SIMILAR IN ALL RESPECTS TO THE PIPE IN THE EXISTING SEWER, IN A CAREFUL WORKMANLIKE MANNER, WITHOUT EXTRA COMPENSATION.

GENERAL

1. CARE MUST BE TAKEN TO PREVENT DEBRIS FROM ENTERING THE SEWER. ALL DEBRIS WHICH ENTERS THE SEWER MUST BE REMOVED. THE SEWER MUST BE LEFT CLEAN AND UNOBSTRUCTED UPON COMPLETION OF THE CONTRACT.

2. CARE MUST BE TAKEN TO PREVENT ANY PART OF THE NEW PIPE CONNECTION FROM PROJECTING INTO THE EXISTING SEWER.

BASIS OF PAYMENT

1. TEE OR WYE CONNECTIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR STORM SEWER TEE OR WYE OF THE TYPE AND SIZE SPECIFIED IN THE PLANS. THIS PRICE SHALL INCLUDE ALL EXCAVATION OF THE TRENCH, REMOVAL OF THE EXISTING STORM SEWER, FURNISHING AND INSTALLING THE SPECIFIED TEE OR WYE SECTION, FURNISHING AND INSTALLING THE REQUIRED CONCRETE COLLAR, AND ALL OTHER MATERIAL NECESSARY TO COMPLETE THIS WORK AS SHOWN AND SPECIFIED.

2. REMOVAL AND REINSTALLATION OF EXISTING STORM SEWER ADJACENT TO THE PROPOSED TEE OR WYE SECTION, FOR THE PURPOSE OF FACILITATING THE INSTALLATION OF THE TEE OR WYE SECTION, WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE WORK.

3. TRENCH BACKFILL, EXCAVATION IN ROCK AND REMOVAL AND REPLACEMENT OF UNSUITABLE MATERIAL BELOW PLAN BEDDING GRADE WILL BE PAID FOR SEPARATELY.

4. CONCRETE COLLAR FOR CONNECTING A PROPOSED STORM SEWER TO AN EXISTING STORM SEWER WILL NOT BE PAID PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE PROPOSED STORM SEWER.

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

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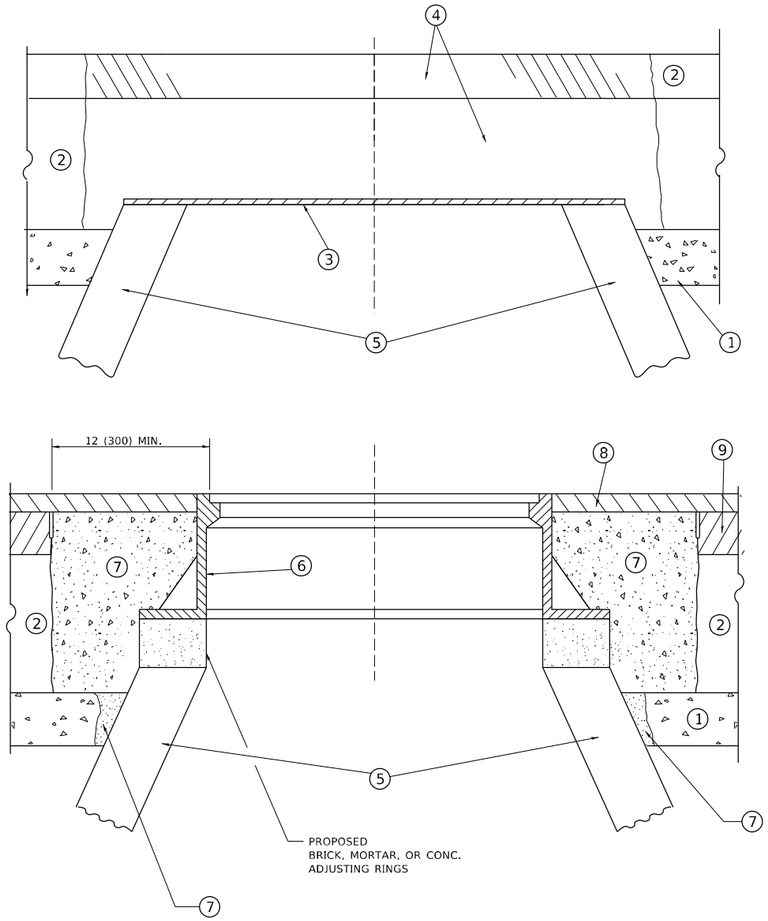
	DRAWN -	REVISED - R. SHAH 10-25-94	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - R. SHAH 06-12-96	
PLOT DATE = 2/2/2022	DATE - 07-25-90	REVISED - K. SMITH 02-01-22	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAIL OF STORM SEWER CONNECTION TO EXISTING SEWER

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	238
	BD500–01 (BD–07)	CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			



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.

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. 1 1/2 (40) 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-1 CONCRETE TO THE ELEVATION OF THE SURFACE OF THE EXISTING BASE COURSE OR THE BINDER COURSE.

*UNLESS OTHERWISE SPECIFIED IN THE PLANS.

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

LEGEND

1. SUB-BASE GRANULAR MATERIAL
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-1 CONCRETE
8. PROPOSED HMA SURFACE COURSE
9. PROPOSED HMA BINDER COURSE

LOCATION OF STRUCTURES

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

BASIS OF PAYMENT

1. REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR "FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)."

2. THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.

3. NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

4. WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

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	DRAWN -	REVISED - R. BORO 03-09-11
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - R. BORO 12-06-11
PLOT DATE = 2/2/2022	DATE - 10-25-94	REVISED - K. SMITH 02-01-22

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

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

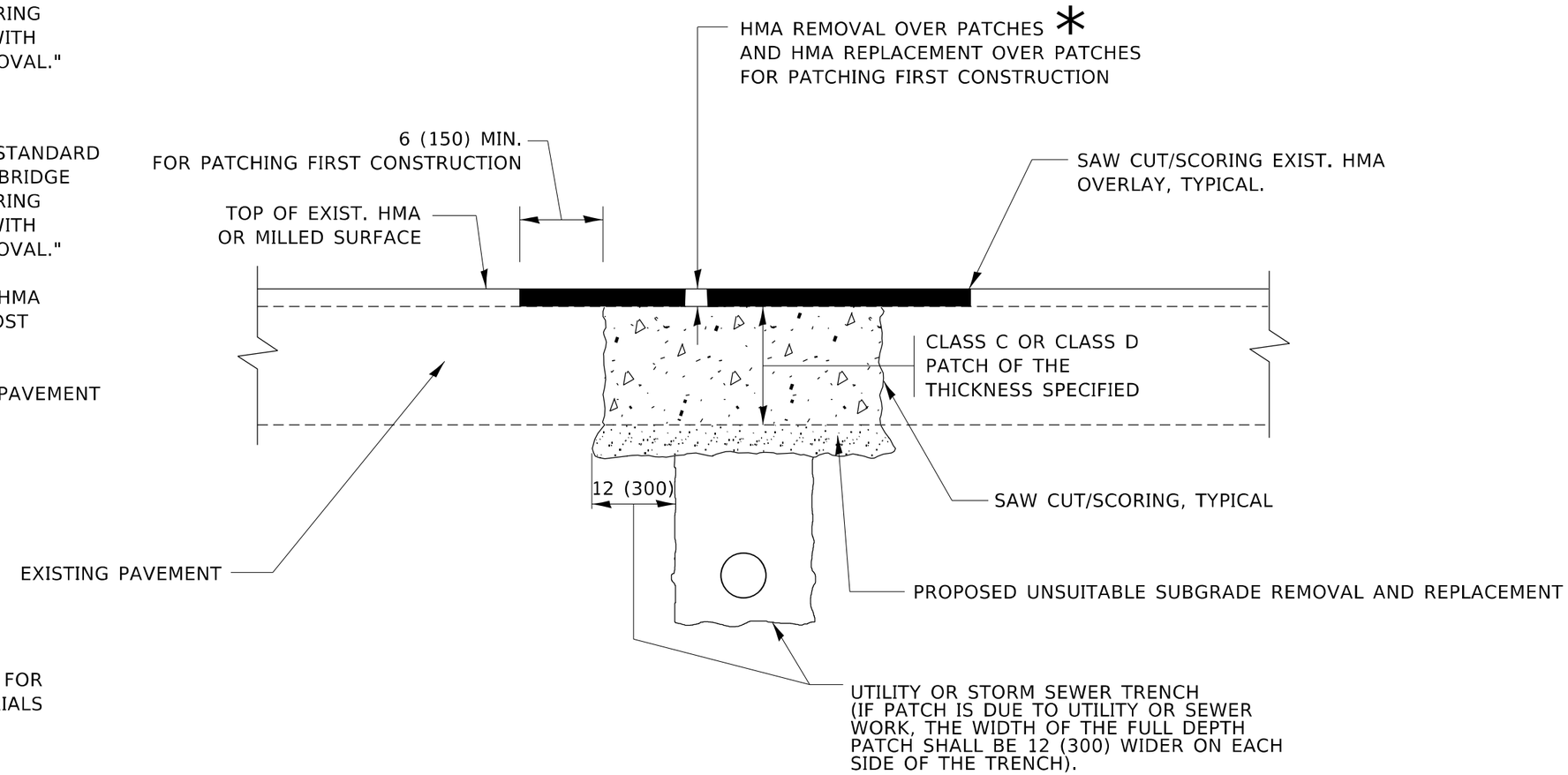
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	239
	BD600–03 (BD–08)	CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

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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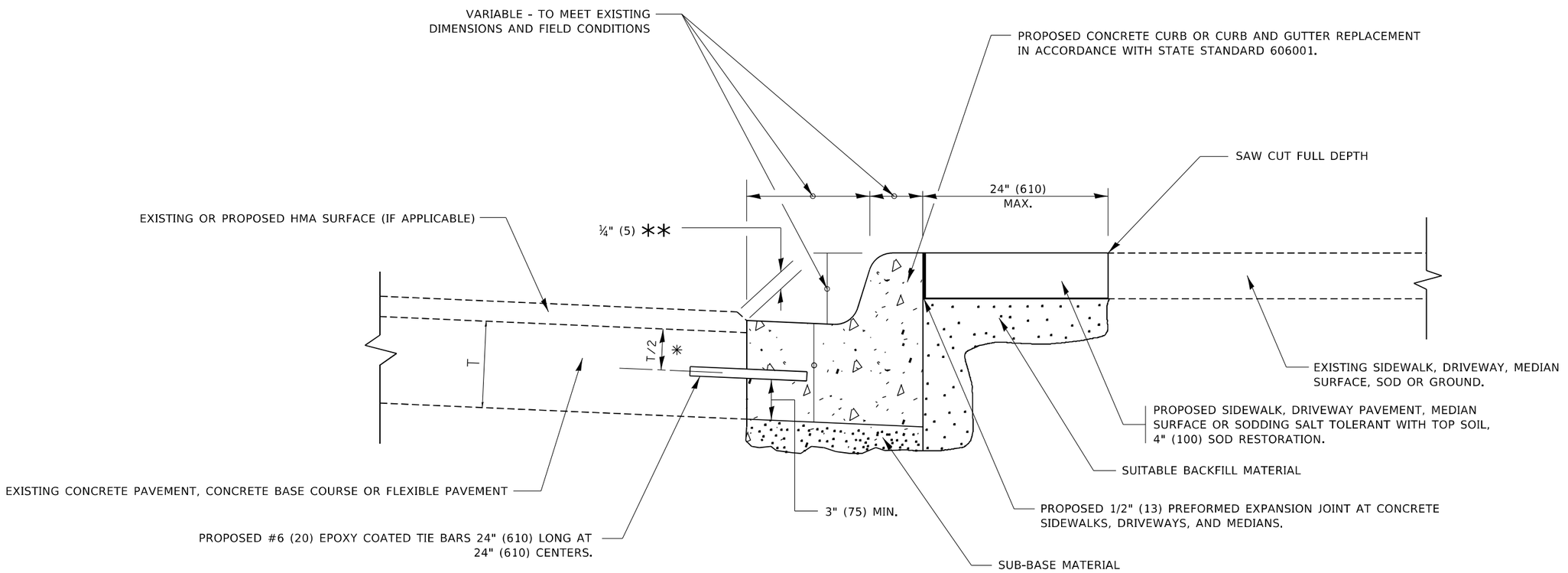
	DRAWN -	REVISED - R. BORO 09-04-07	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - K. ENG 10-27-08	
PLOT DATE = 2/2/2022	DATE - 10-25-94	REVISED - K. SMITH 02-01-22	

PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	240
BD400–04 (BD–22)		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		



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

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

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

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	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	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	241
	BD600–06 (BD–24)	CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			

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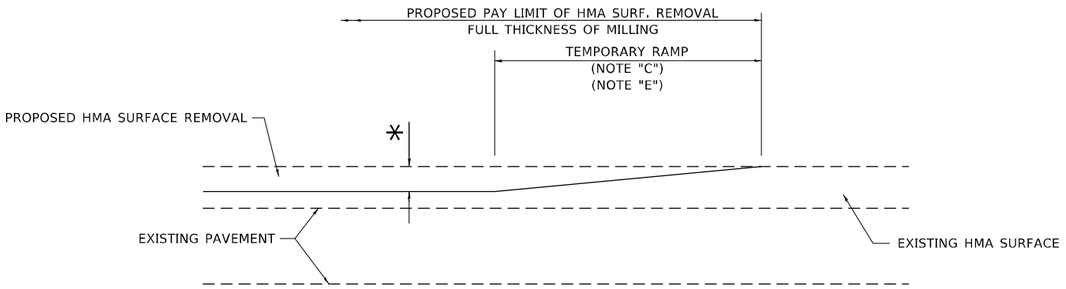
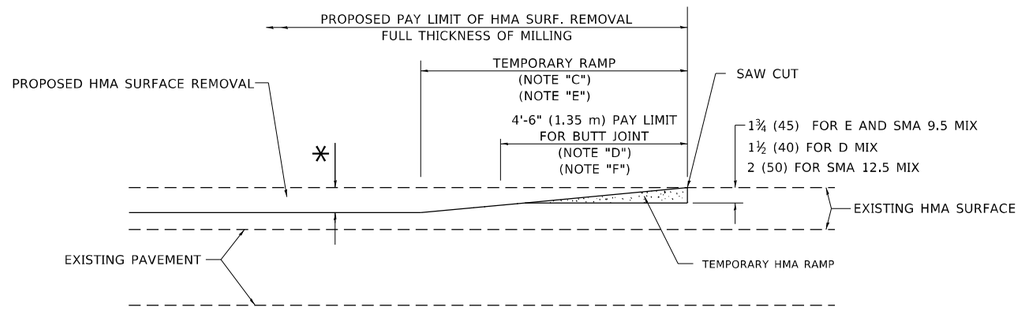


MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

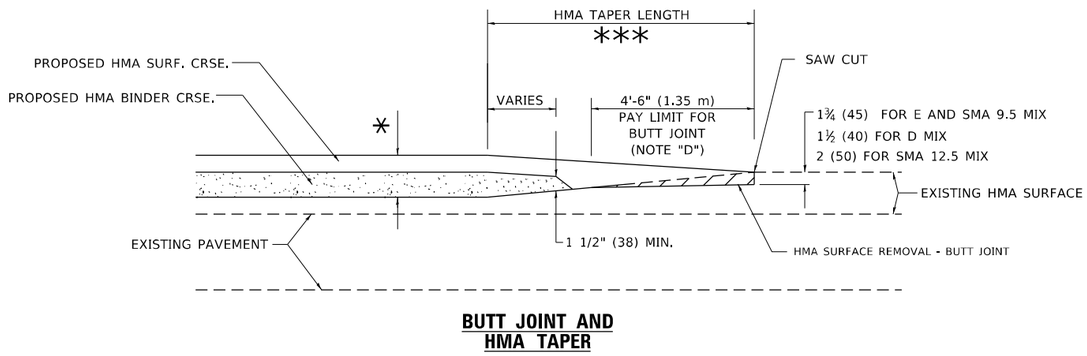


HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

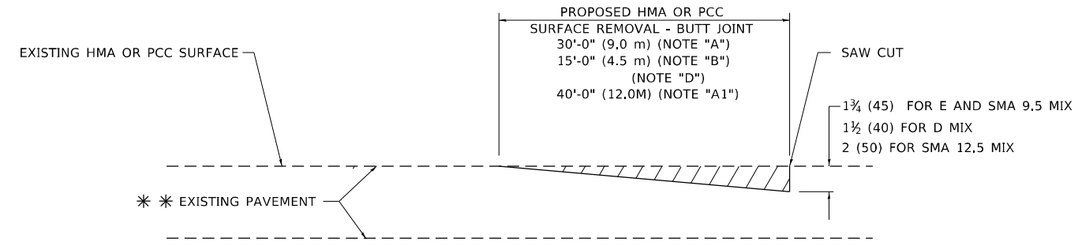
OPTION 2

TYPICAL TEMPORARY RAMP

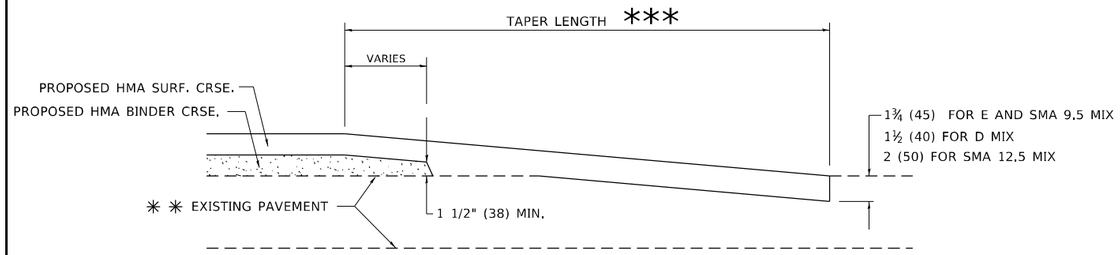


BUTT JOINT AND HMA TAPER

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.

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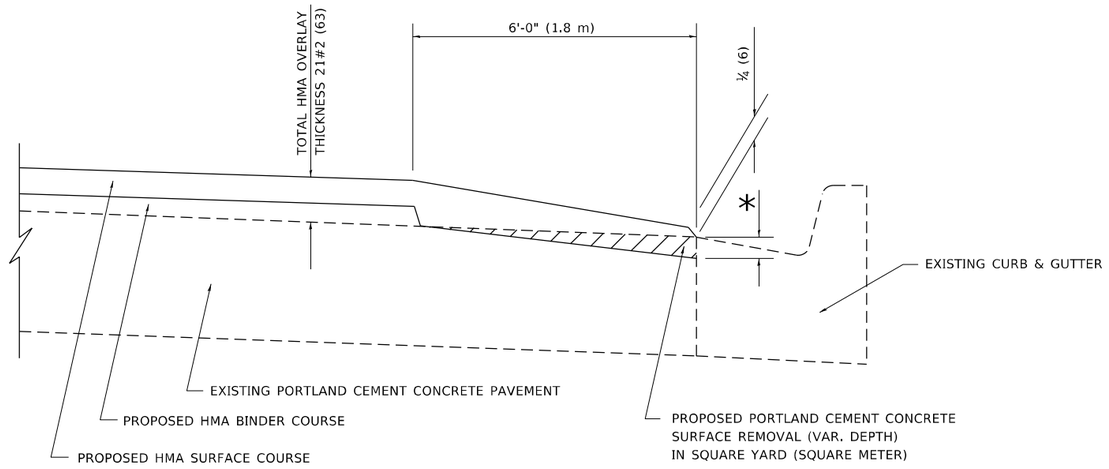
	DRAWN -	REVISED - M. GOMEZ 04-06-01
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - R. BORO 01-01-07
PLOT DATE = 2/2/2022	DATE - 06-13-90	REVISED - K. SMITH 02-01-22

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND HMA TAPER DETAILS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	242
	BD400–05 BD–32	CONTRACT NO. 62G38		
	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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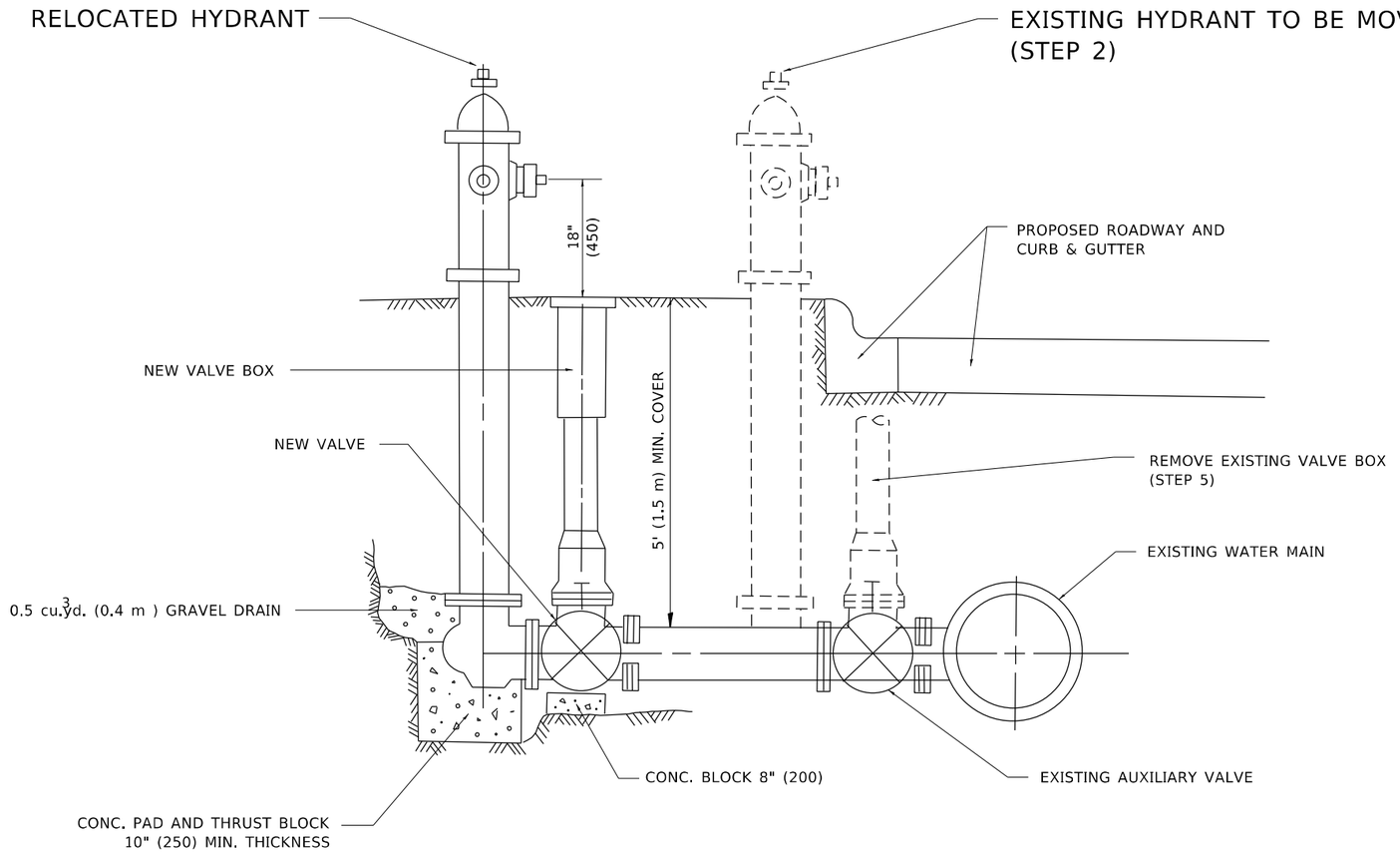
	DRAWN - JIS	REVISED - R. BORO 01-01-07
PLOT SCALE = 100.0000 ' / in.	CHECKED - A. ABBAS	REVISED - JP CHANG 07-08-16
PLOT DATE = 2/2/2022	DATE - 09-10-94	REVISED - K. SMITH 02-01-22

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. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	243
	BD400–06 BD–33	CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			



SEQUENCE OF CONSTRUCTION:

1. CLOSE EXISTING VALVE.
2. REMOVE EXISTING HYDRANT.
3. INSTALL HYDRANT EXTENSION AND NEW VALVE.
4. RELOCATE EXISTING HYDRANT.
5. OPEN EXISTING VALVE, REMOVE BOX.
6. BACKFILL.
7. FLUSH AND TEST FOR CHLORIDE RESIDUAL AND PROVIDE TEST.

NOTE:

ALL WORK TO BE DONE IN ACCORDANCE WITH SECTION 564 OF THE STANDARD SPECIFICATIONS. NEW VALVE AND BOX SHALL BE SAME MAKE AND MODEL AS EXISTING.

FIRE HYDRANT TO BE MOVED

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

MODEL: Default
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	DRAWN -	REVISED -	R. SHAH 10-25-94
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	K. SMITH 02-01-22
PLOT DATE = 2/2/2022	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIRE HYDRANT TO BE MOVED

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	244
	BD-36	CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			

FRAME EXTENSION INTO PAVEMENT	INNER HOOP REINFORCEMENT DIAMETER	SEMI CIRCULAR FORM DIAMETER	OUTER HOOP REINFORCEMENT DIAMETER
UP TO 8" (200)	3'-6" (1.1 m)	4'-0" (1.2 m)	5'-0" (1.5 m)
> 8" (200) TO 14" (360)	4'-0" (1.2 m)	4'-6" (1.4 m)	5'-0" (1.5 m)

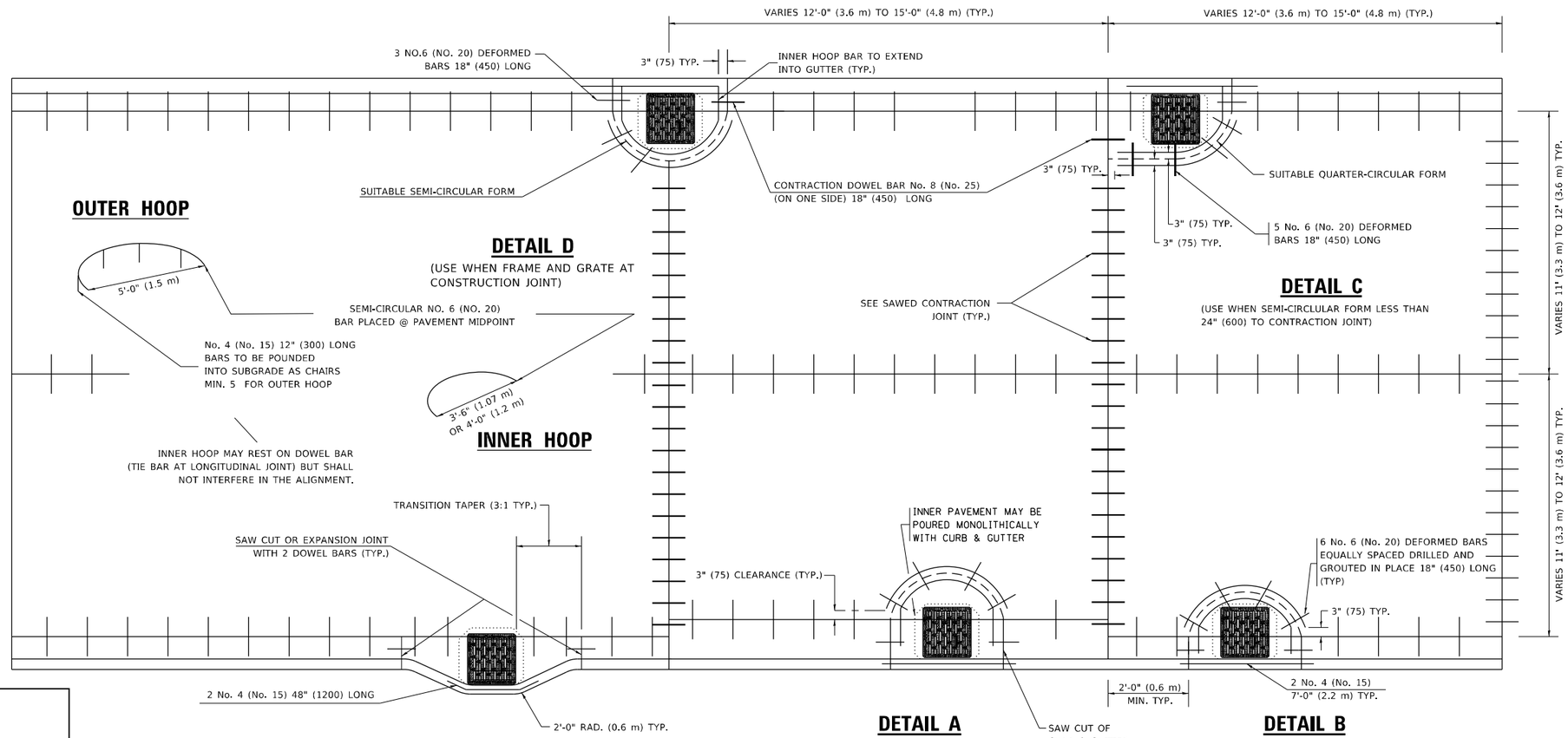
GENERAL NOTES

1. TRANSVERSE JOINTS MAY BE MOVED TO ACCOMMODATE ROUNDOUT, EDGE OF CIRCULAR JOINT SHALL BE MINIMUM 12" (300) FROM TRANSVERSE JOINT. RELOCATED TRANSVERSE JOINT SHALL BE CONTINUOUS FROM EDGE OF PAVEMENT TO EDGE OF PAVEMENT.
2. SEMI-CIRCULAR FORM SHALL BE REMOVED PRIOR TO DRILL AND GROUT OF TIE BARS.
3. ALL REINFORCED BARS SHALL BE EPOXY COATED.
4. DRILL AND GROUT IS PREFERRED, HOWEVER TIE BARS CAN BE POURED IN PLACE IF CLEARANCE IS PROVIDED TO OUTER EDGE OF FRAME. MINIMUM 2" (50) CLEARANCE.
5. WOOD SHIMS SHALL BE USED TO ADJUST ALL FRAMES. AFTER ADJUSTING MORTAR HAS CURED, THE WOOD SHIMS SHALL BE REMOVED AND THE VOIDS UNDER THE FRAMES FILLED WITH NON SHRINK GROUT.
6. HOOP REINFORCEMENT SHALL BE ONE PIECE CONSTRUCTION.
7. CIRCULAR FRAMES AND GRATES MAY BE SUBSTITUTED.
8. CURB DOWELS MUST BE PLACED LEVEL & TRUE TO ALLOW CONTRACTION MOVEMENT.

BASIS OF PAYMENT

1. THE ROUNDOUT AND ADDED REINFORCEMENT WILL NOT BE PAID SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE PAVEMENT.

DESIGNER NOTE
THIS DETAIL IS TO BE USED WHEN THE GUTTER FLAG IS LESS THAN 24"



LEGEND

..... CASTING

– – – – – – SUITABLE SEMI-CIRCULAR FORM

TRANSITION CURB & AND GUTTER INTO PARKWAY (PREFERRED BECAUSE PAVING OF MAINLINE NOT AFFECTED.)

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED

MODEL: Default
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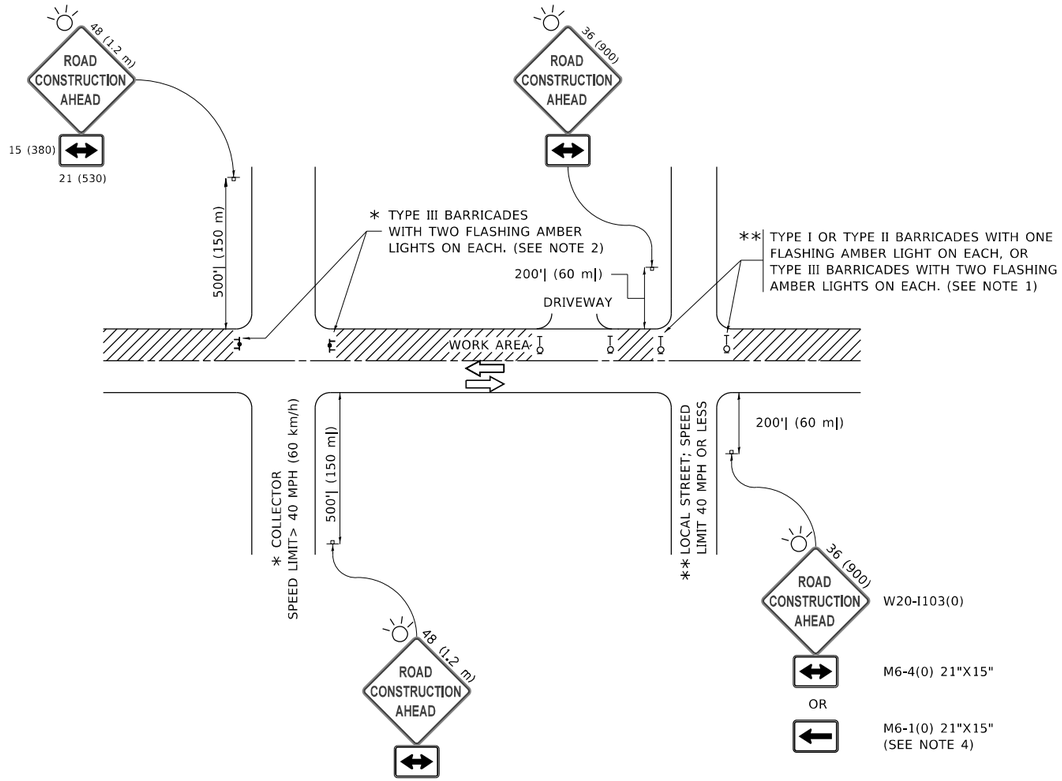
USER NAME = demanchelt	DESIGNED - A. ABBAS	REVISED - T. MATOUSEK 10-02-00
	DRAWN - TOM MATOUSEK	REVISED - T. MATOUSEK 04-25-02
PLOT SCALE = 100.0000 ' / in.	CHECKED - A. ABBAS	REVISED - P. LAFLEUR 08-27-02
PLOT DATE = 2/2/2022	DATE - 01-04-99	REVISED - K. SMITH 02-01-22

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PCC PAVEMENT ROUNDOUTS AT CURB AND GUTTER

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	245
	BD-48	CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		



NOTES:

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

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

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

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

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

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

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

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

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

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

7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

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	DRAWN -	REVISED - T. RAMMACHER 01-06-00	
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13	
PLOT DATE = 3/4/2019	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16	

TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	246
	TC-10	CONTRACT NO. 62G38		
		ILLINOIS FED. AID PROJECT		

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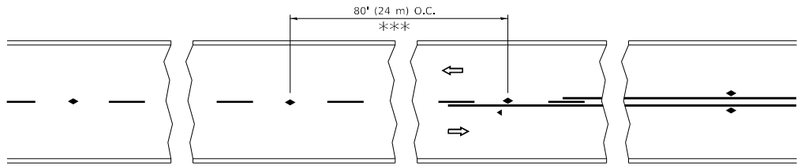
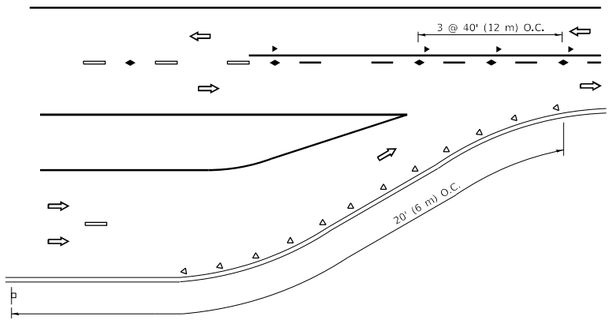


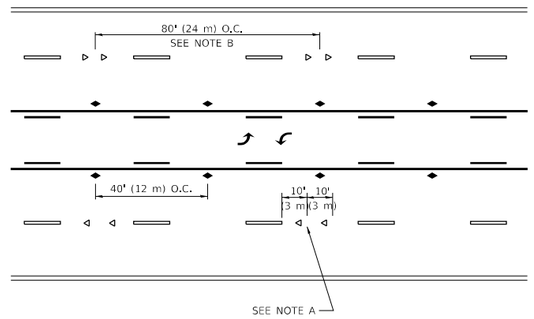
*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

TWO–LANE/TWO–WAY

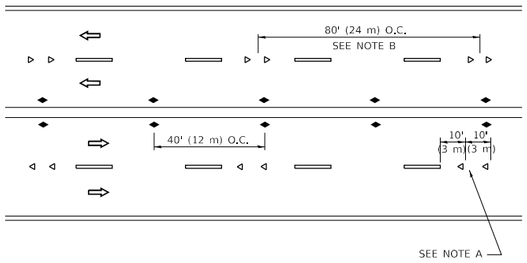
SEE FIGURE 3B-14 MUTCD



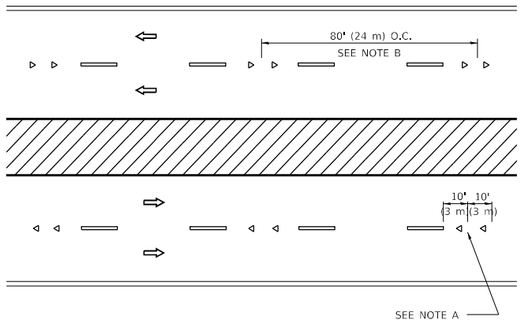
LANE REDUCTION TRANSITION



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

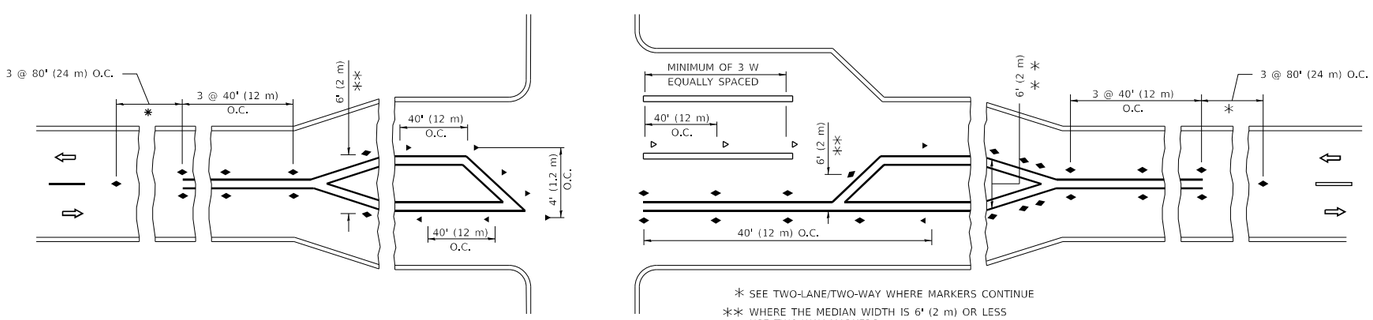
LANE MARKER NOTES

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.

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.



* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE

** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

TURN LANES

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

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PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 07-01-13	

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

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	247
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		ILLINOIS FED. AID PROJECT		

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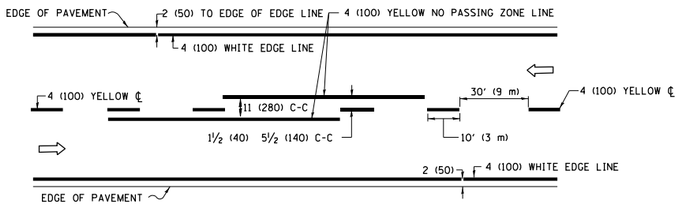
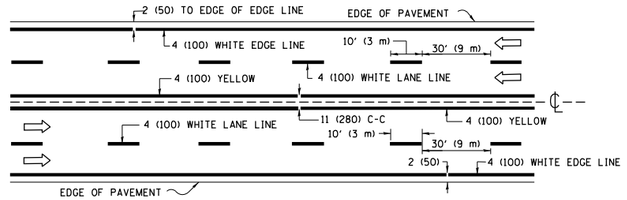
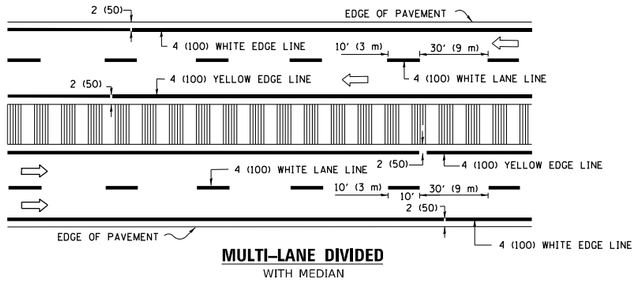


2–LANE ROADWAY

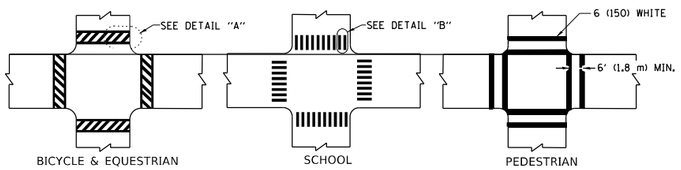


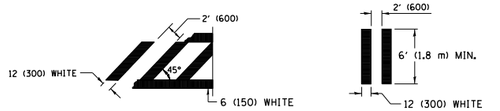
MULTI–LANE UNDIVIDED



MULTI–LANE DIVIDED
WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

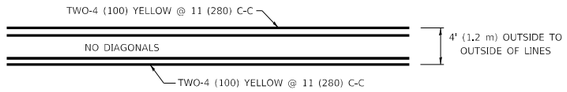




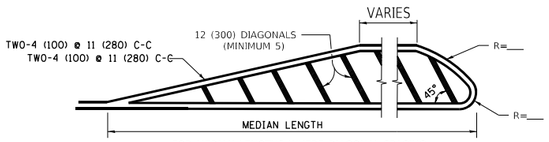
DETAIL "A" **DETAIL "B"**

TYPICAL CROSSWALK MARKING

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



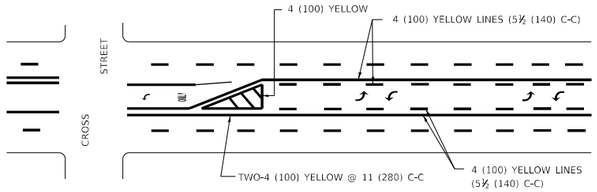
4' (1.2 m) WIDE MEDIANS ONLY



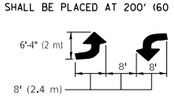
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

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

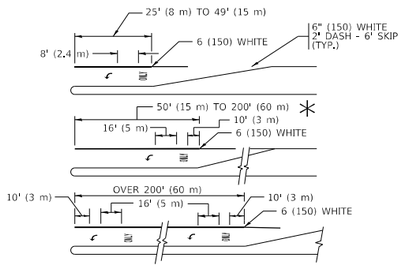


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO–WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

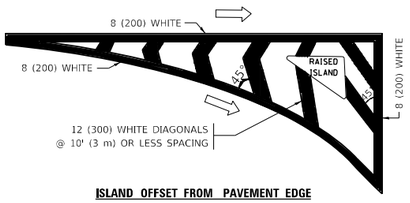


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) **ONLY** AREA = 20.8 SQ. FT. (1.9 m ²

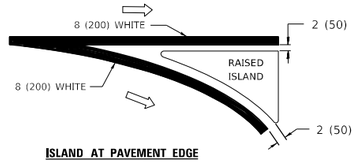
✳ TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

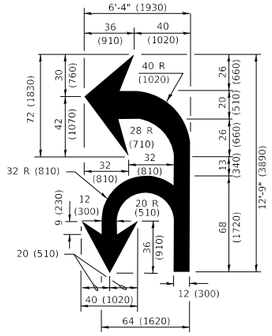


ISLAND OFFSET FROM PAVEMENT EDGE

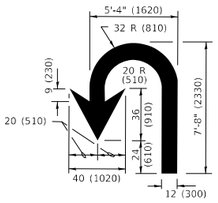


ISLAND AT PAVEMENT EDGE

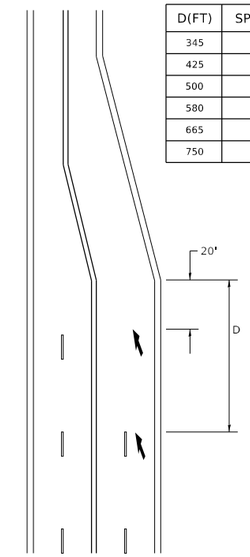
TYPICAL ISLAND MARKING



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 m ² EACH "X"=54.0 SQ. FT. (5.0 m ²
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

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

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

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PLOT DATE = 3/4/2019	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

SCALE: NONE | SHEET 1 OF 2 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	248
	TC-13	CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			

tc13.dgn 3/4/2019 10:34:37 AM User=footemj

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

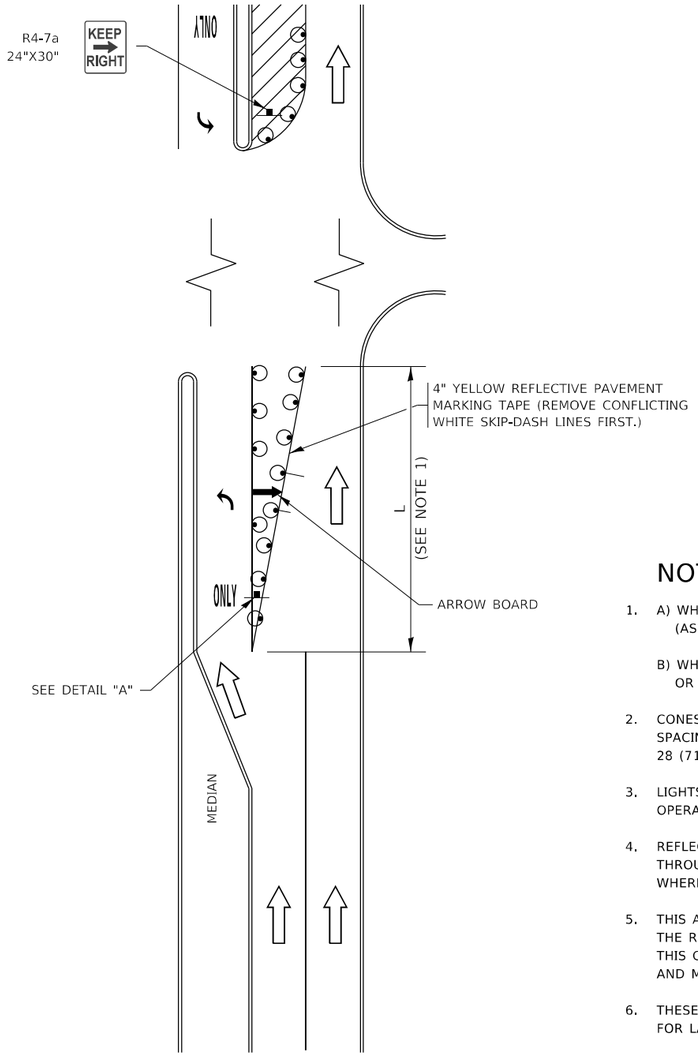


FIGURE 1

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

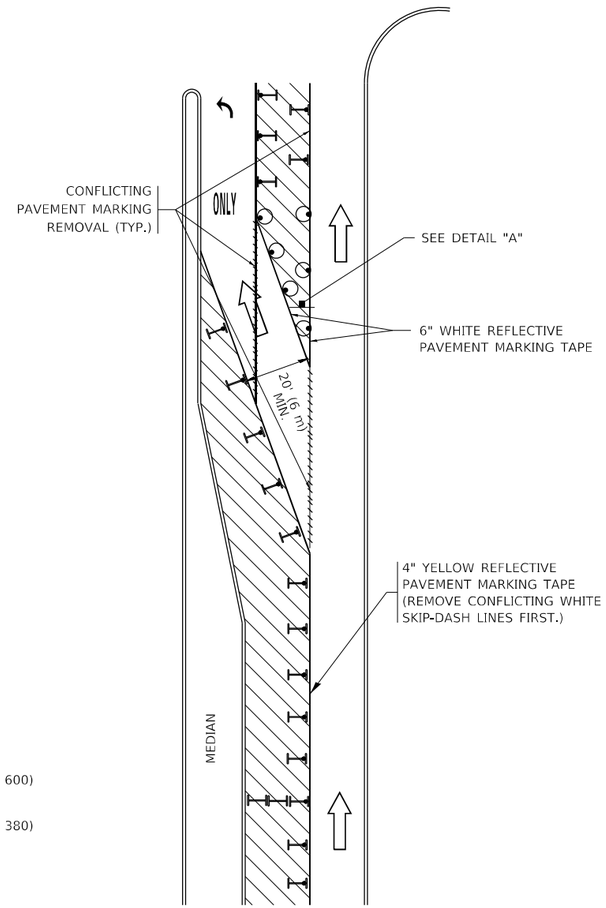
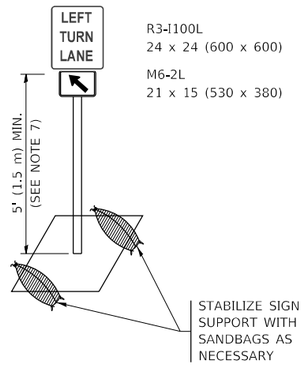


FIGURE 2



DETAIL A

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

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	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 -	

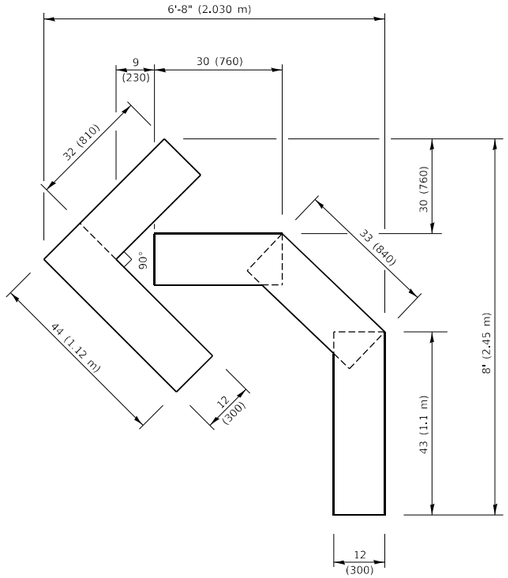
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

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

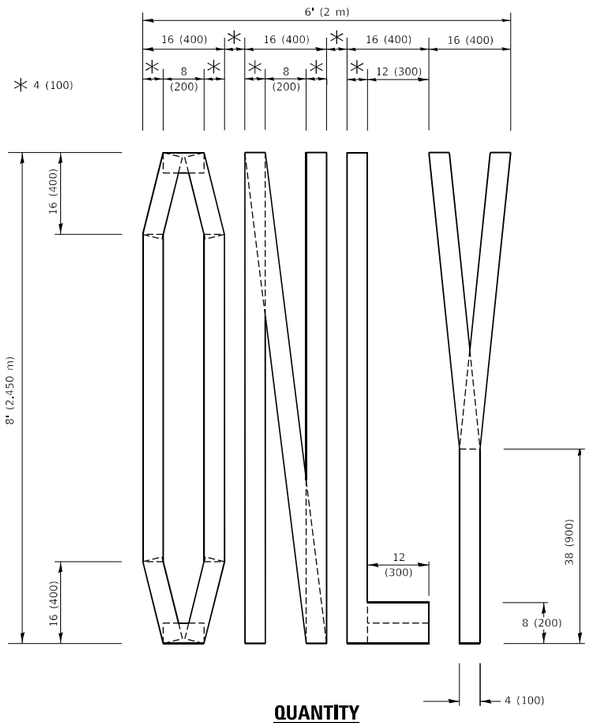
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	249
	TC-14	CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		

tc14.dgn 3/4/2019 10:36:01 AM User=footemj



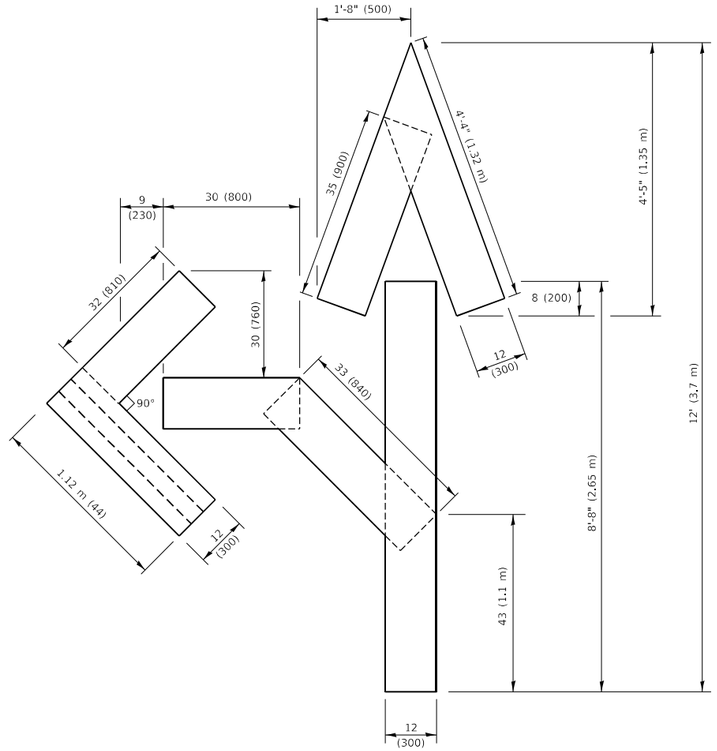
QUANTITY

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)

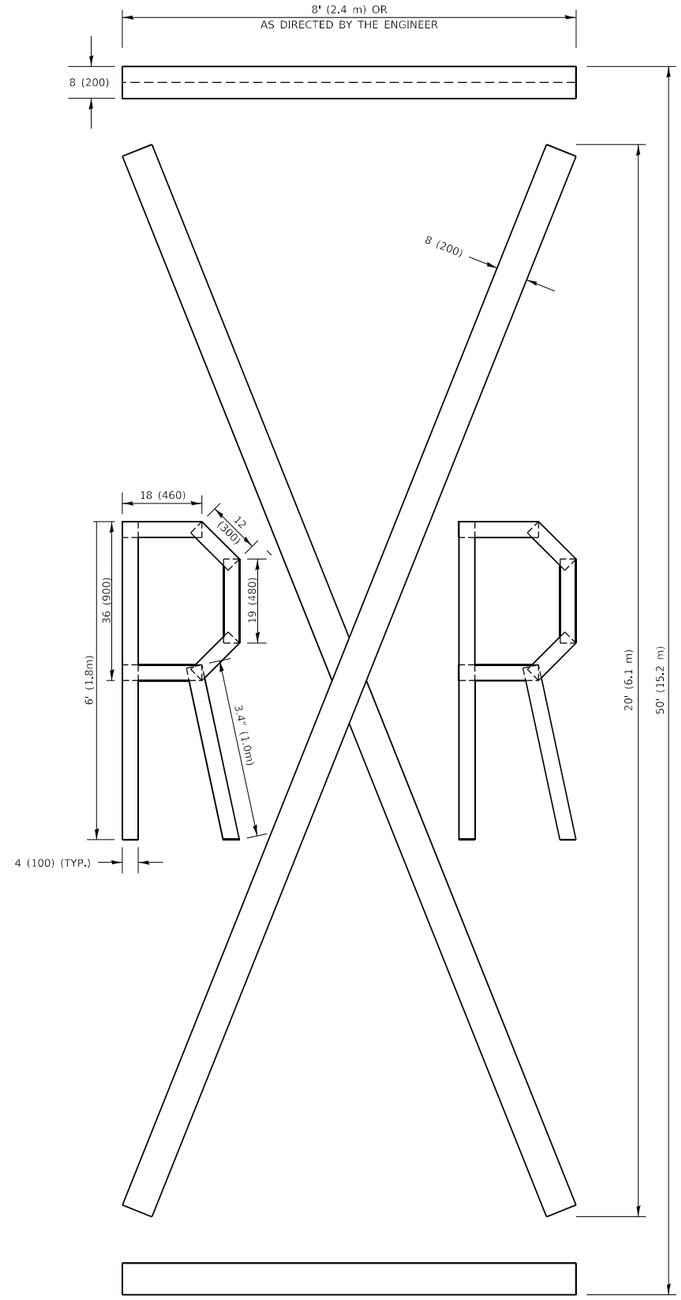


QUANTITY

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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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. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	250
	TC-16	CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			

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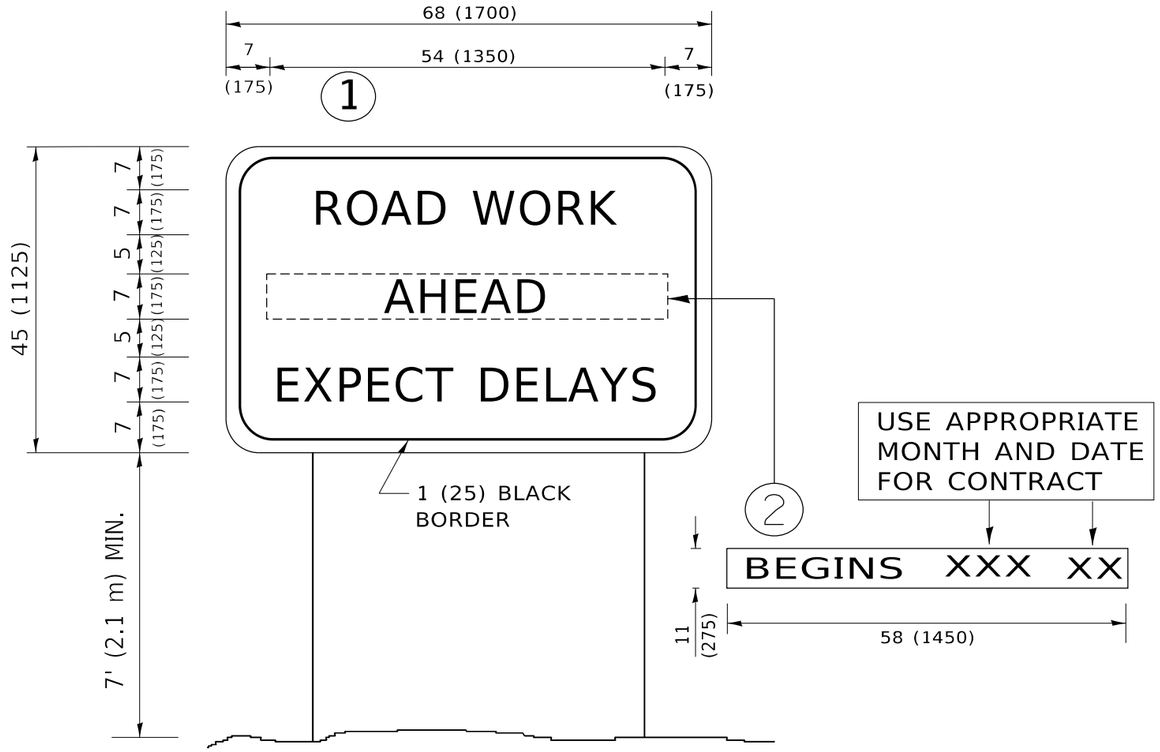
tc16.dgn 3/4/2019 10:37:35 AM User=footemj



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.

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	DRAWN -	REVISED - R. MIRS 12-11-97	
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PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 01-31-07	

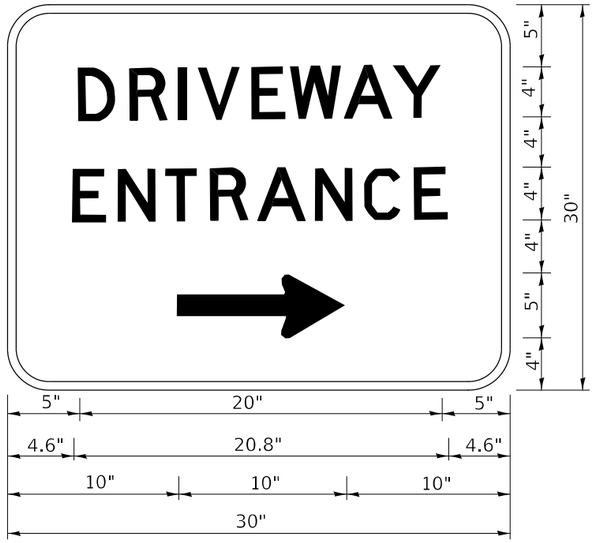
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ARTERIAL ROAD INFORMATION SIGN

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	251
	TC-22	CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			

tc22.dgn 3/4/2019 10:48:10 AM User=footemj



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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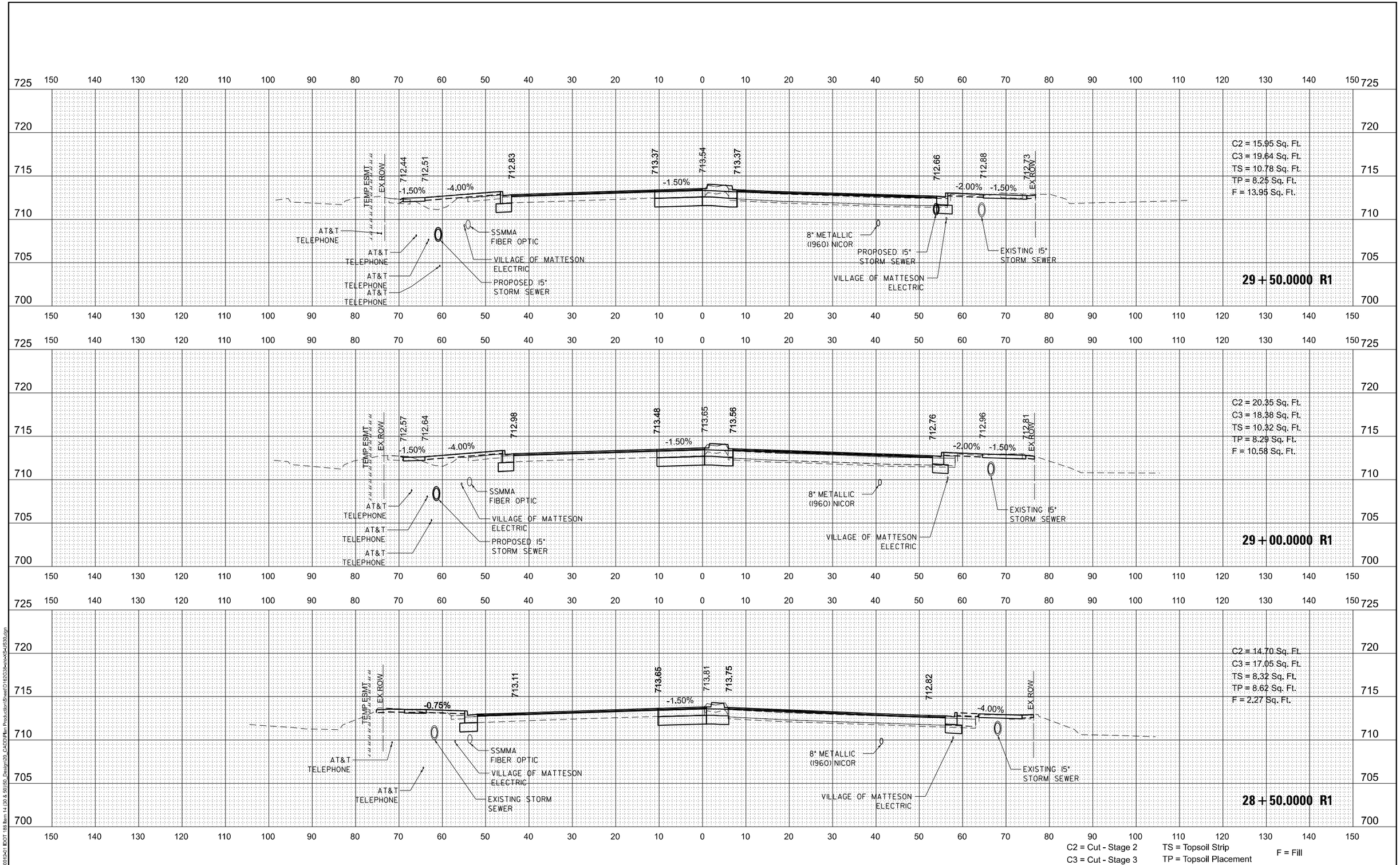
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 8/6/2021	DATE -	REVISED -	

DRIVEWAY ENTRANCE SIGNING

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	252
	TC-26	CONTRACT NO. 62G38		
		ILLINOIS FED. AID PROJECT		

tc26.dgn 8/6/2021 8:37:02 AM User=leysa



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C3 = Cut - Stage 3
TS = Topsoil Strip
TP = Topsoil Placement
F = Fill

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Peralte-Clark LLC

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 (LINCOLN HWY) AT IL ROUTE 50 (S. CICERO AVE)
CROSS SECTIONS

SHEET OF SHEETS STA. 28+50.00 TO STA. 29+50.00

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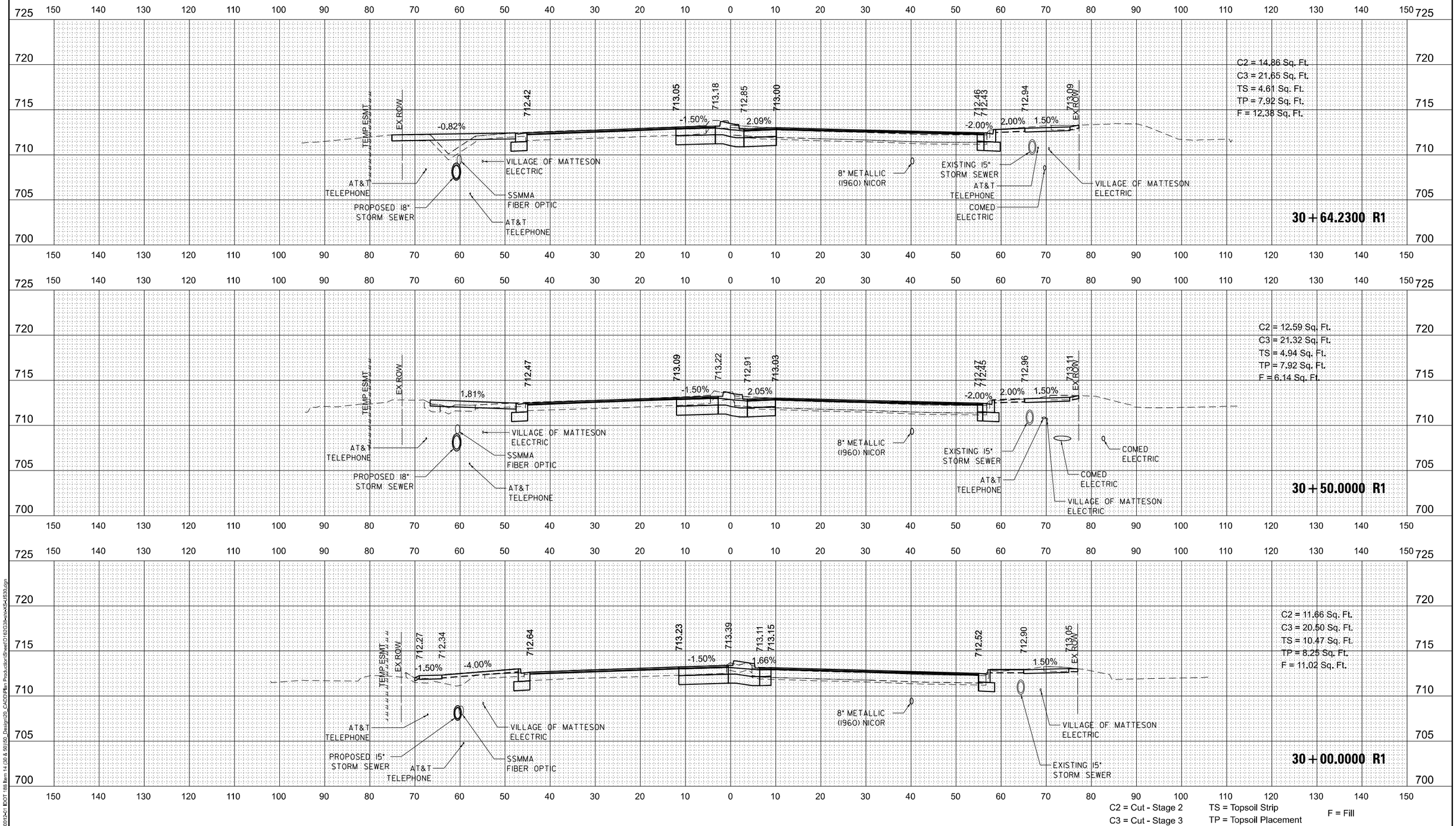
		ILLINOIS	FED. AID PROJECT	



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TP = Topsoil Placement
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Peralte-Clark LLC

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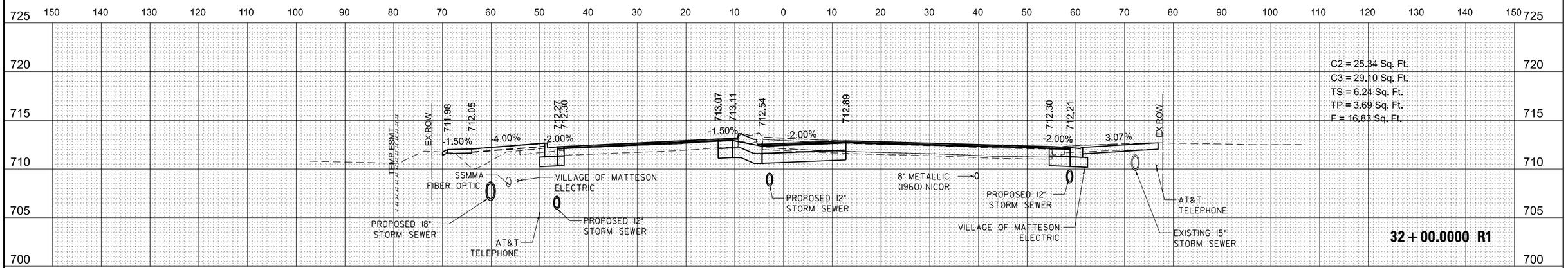
PLOT DATE = 5/1/2023	DATE - 2-28-2023	REVISED -	

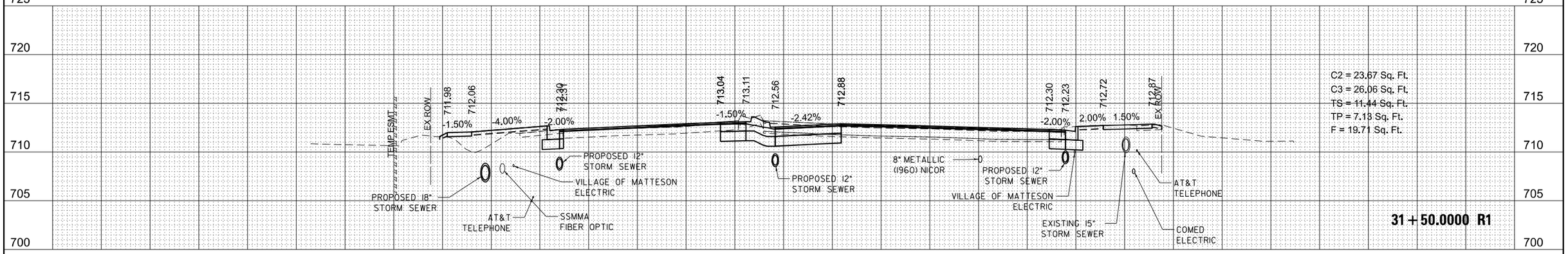
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

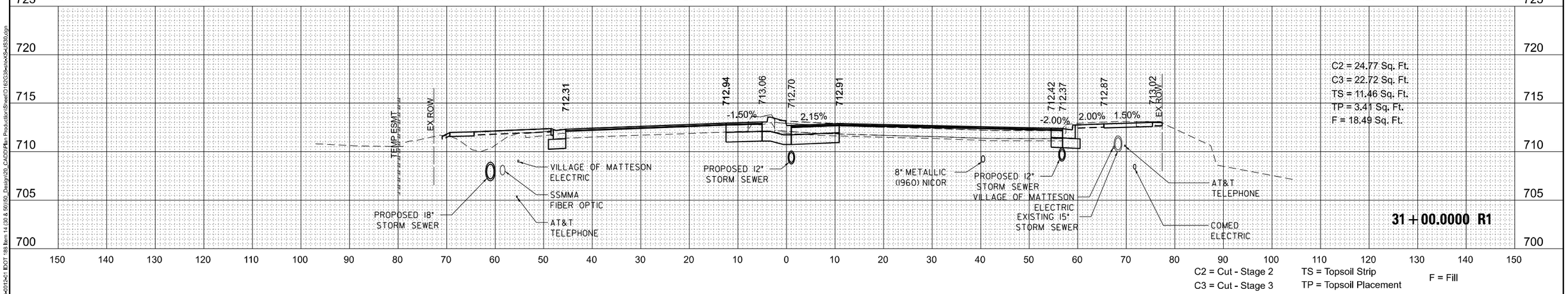
U.S. ROUTE 30 (LINCOLN HWY) AT IL ROUTE 50 (S. CICERO AVE)
CROSS SECTIONS

SHEET OF SHEETS STA. 30+00.00 TO STA. 30+64.23

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	254
		CONTRACT NO. 62G38		
		ILLINOIS	FED. AID PROJECT	







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Peralte-Clark LLC

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 (LINCOLN HWY) AT IL ROUTE 50 (S. CICERO AVE)
CROSS SECTIONS

SHEET OF SHEETS STA. 31+00.00 TO STA. 32+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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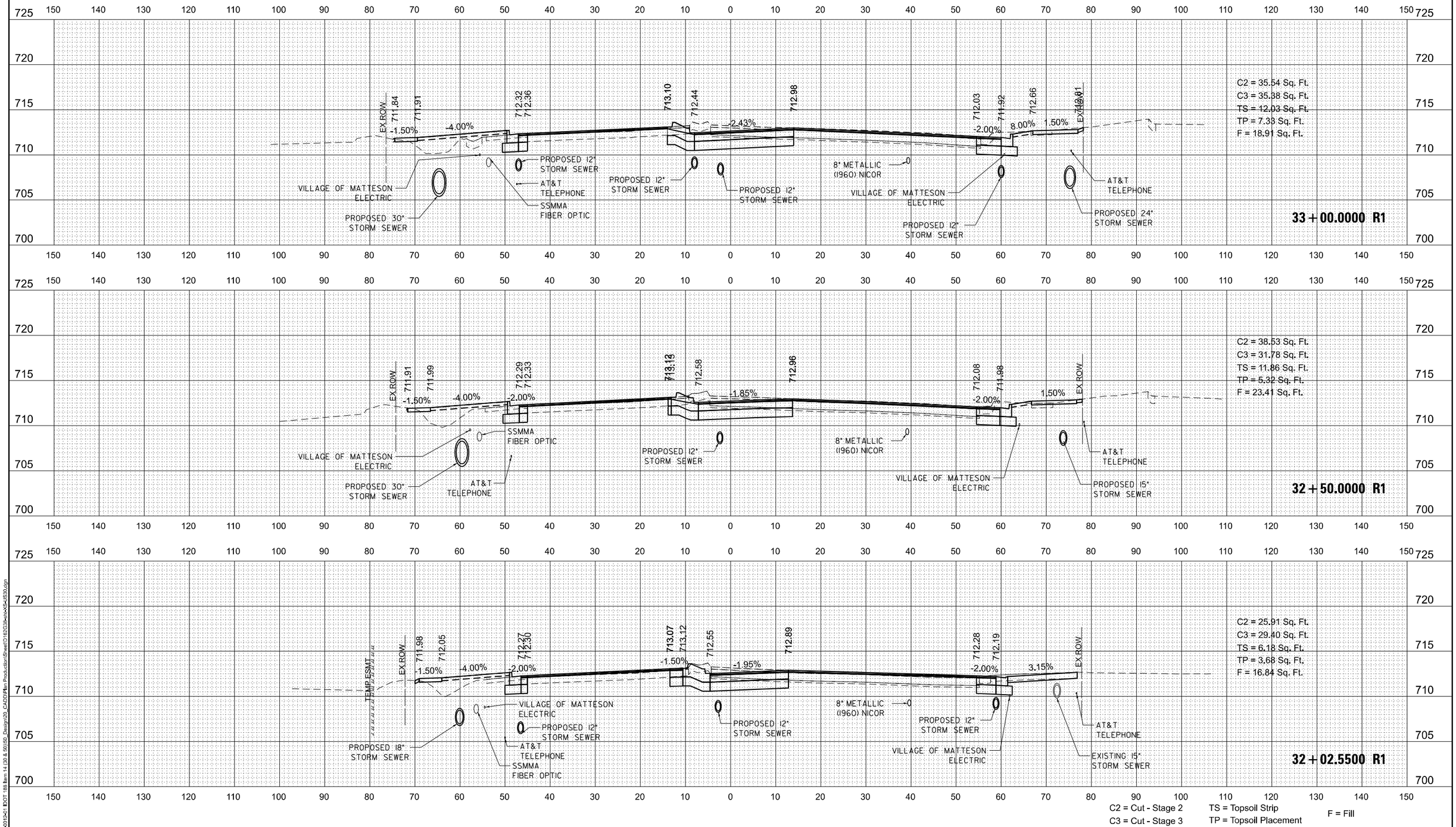
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			



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TP = Topsoil Placement
F = Fill

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Peralte-Clark LLC

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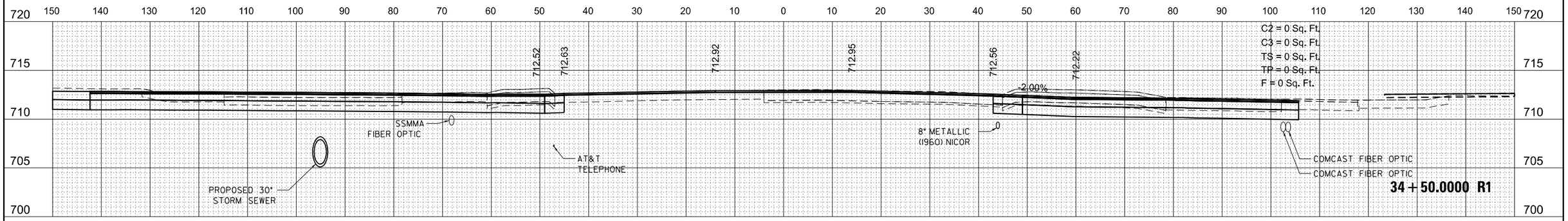
PLOT DATE = 5/1/2023	DATE - 2-28-2023	REVISED -	

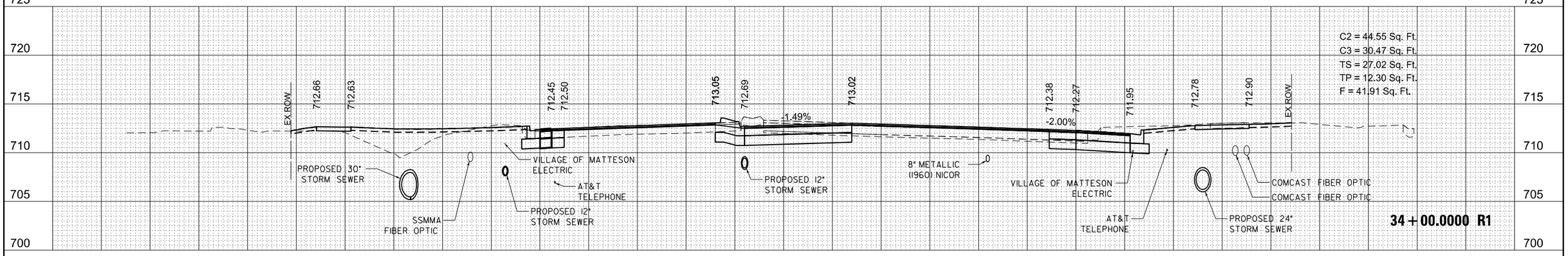
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

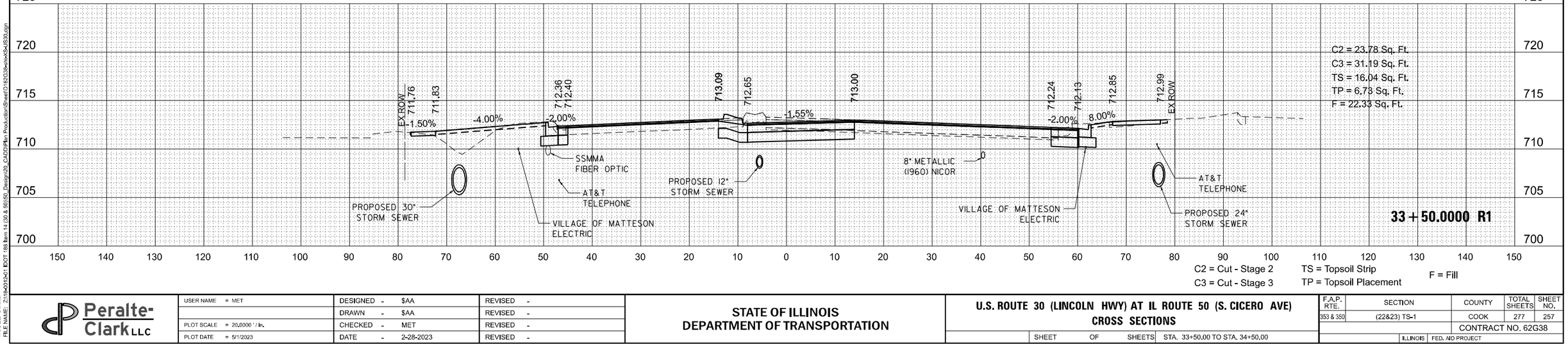
U.S. ROUTE 30 (LINCOLN HWY) AT IL ROUTE 50 (S. CICERO AVE)
CROSS SECTIONS

SHEET OF SHEETS STA. 32+02.55 TO STA. 33+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	256
		CONTRACT NO. 62G38		
		ILLINOIS	FED. AID PROJECT	







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C3 = Cut - Stage 3
TS = Topsoil Strip
TP = Topsoil Placement
F = Fill

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Peralte-Clark LLC

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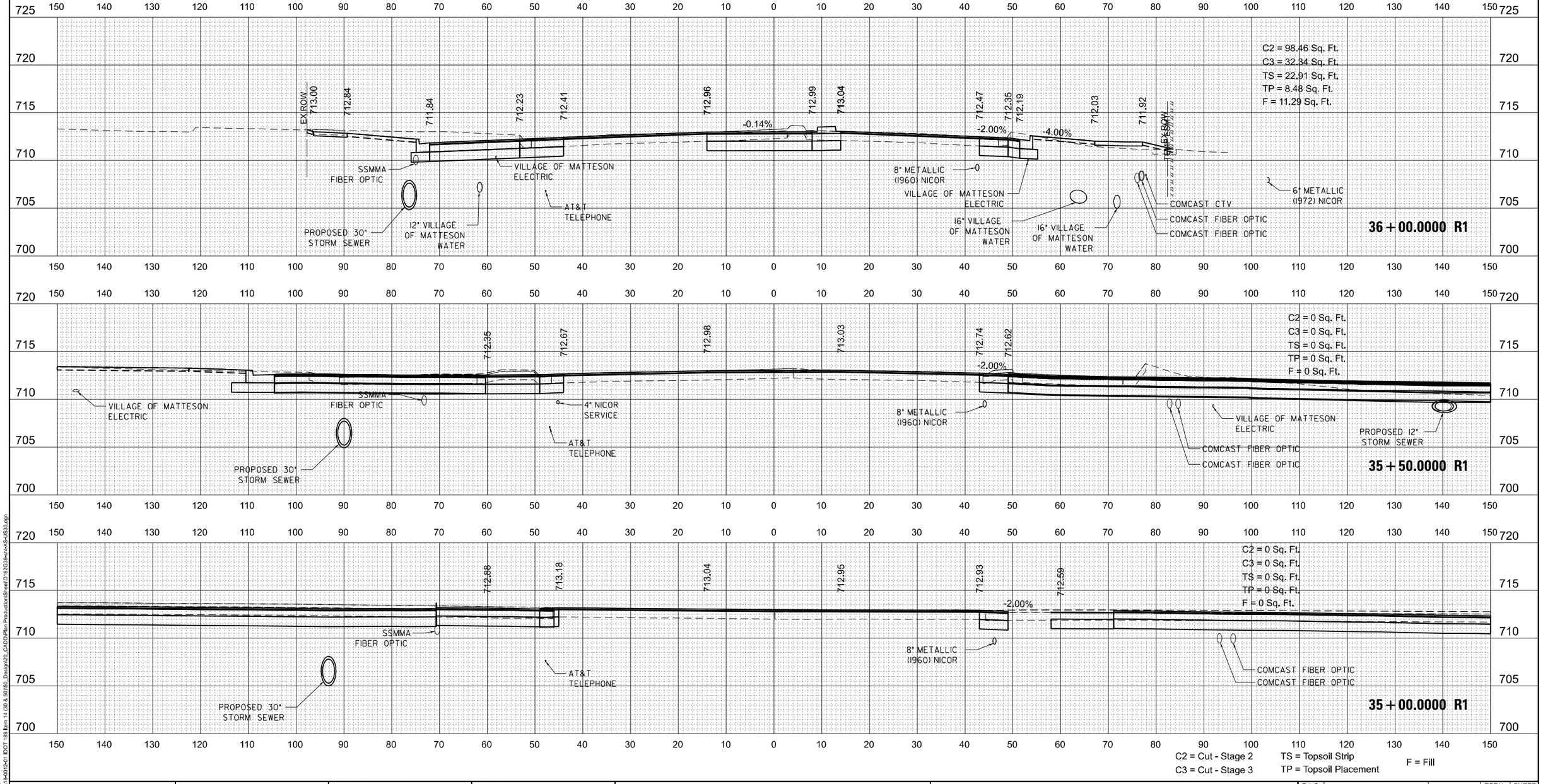
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 (LINCOLN HWY) AT IL ROUTE 50 (S. CICERO AVE)
CROSS SECTIONS

SHEET OF SHEETS STA. 33+50.00 TO STA. 34+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	257
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		



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TP = Topsoil Placement
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Peralte-Clark LLC

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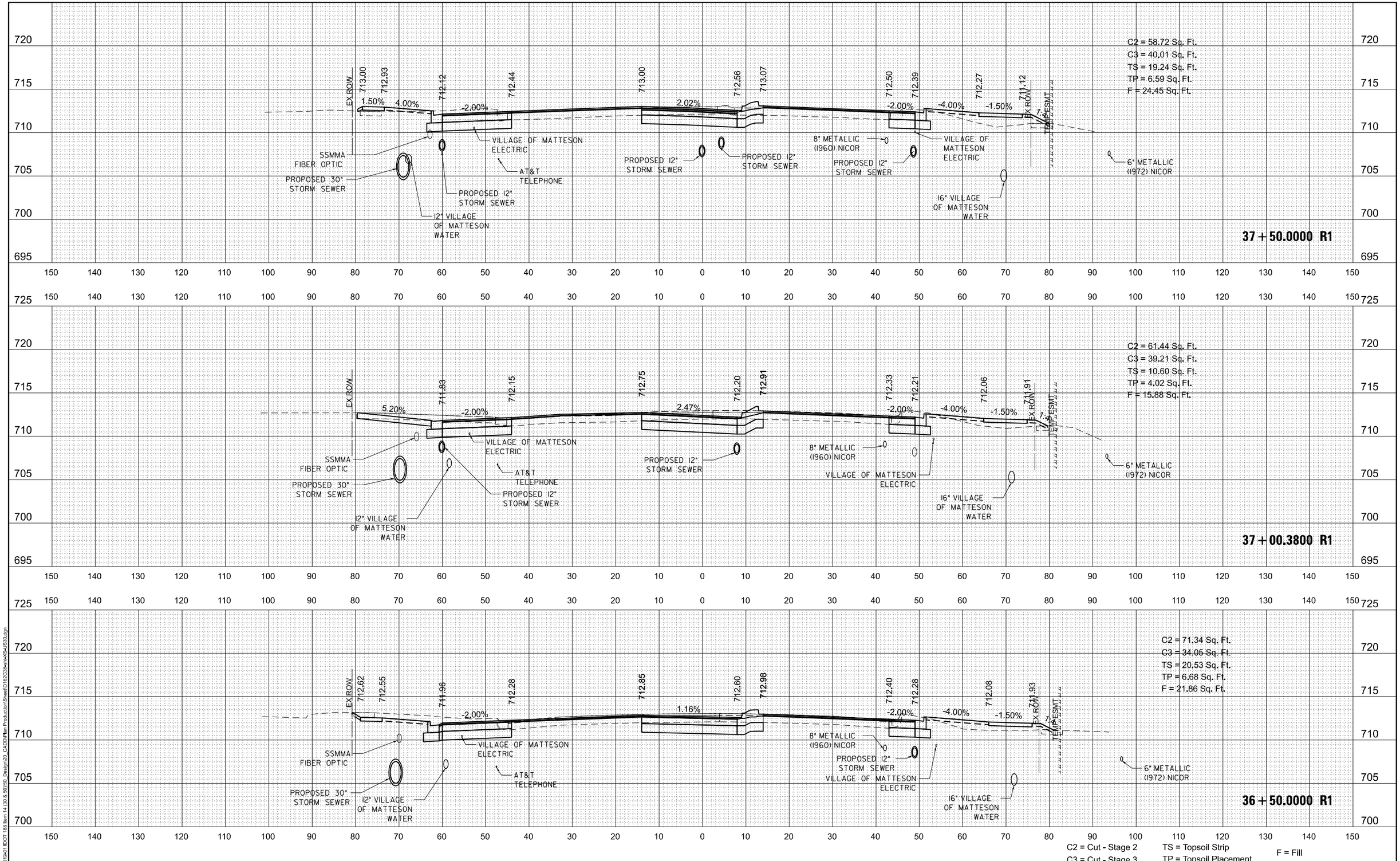
PLOT SCALE = 20.0000 ' / in.	CHECKED - MET	REVISED -	
PLOT DATE = 5/1/2023	DATE - 2-28-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 (LINCOLN HWY) AT IL ROUTE 50 (S. CICERO AVE)
CROSS SECTIONS

SHEET OF SHEETS STA. 35+00.00 TO STA. 36+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	258
		CONTRACT NO. 62G38		
		ILLINOIS	FED. AID PROJECT	



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Peralte-Clark LLC

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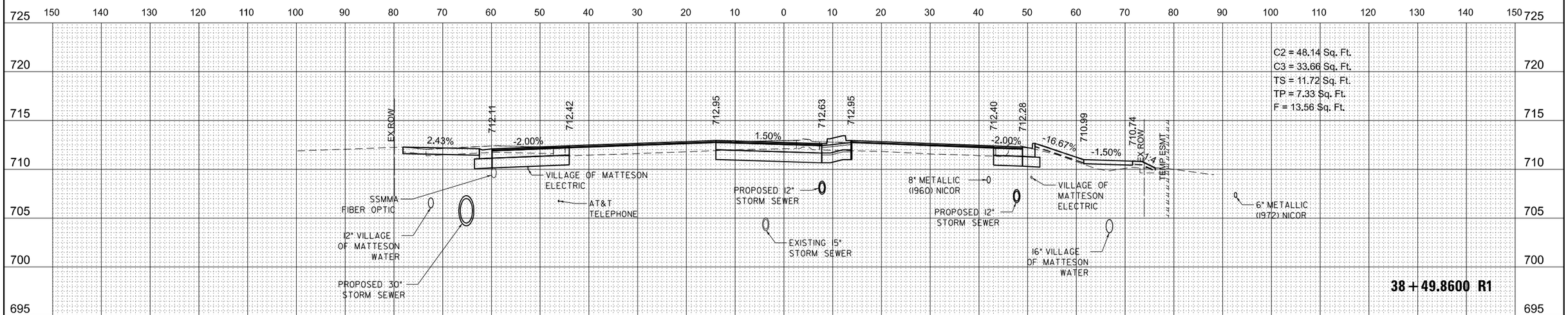
PLOT DATE = 5/1/2023	DATE - 2-28-2023	REVISED -	

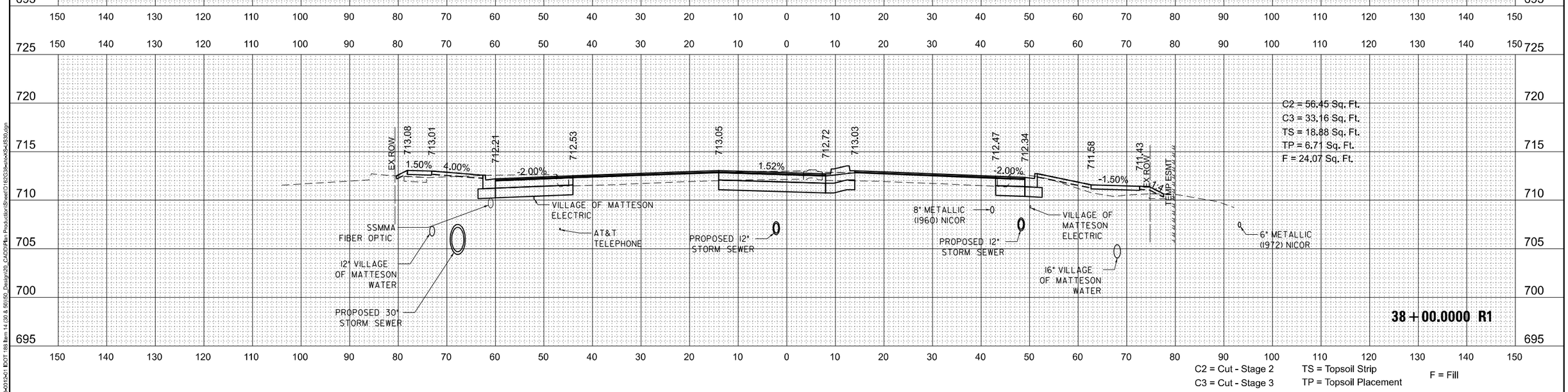
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 (LINCOLN HWY) AT IL ROUTE 50 (S. CICERO AVE)
CROSS SECTIONS

SHEET OF SHEETS STA. 36+50.00 TO STA. 37+00.38

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	259
		CONTRACT NO. 62G38		
		ILLINOIS	FED. AID PROJECT	





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TP = Topsoil Placement
F = Fill

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Peralte-Clark LLC

USER NAME = MET	DESIGNED - $AA	REVISED -	
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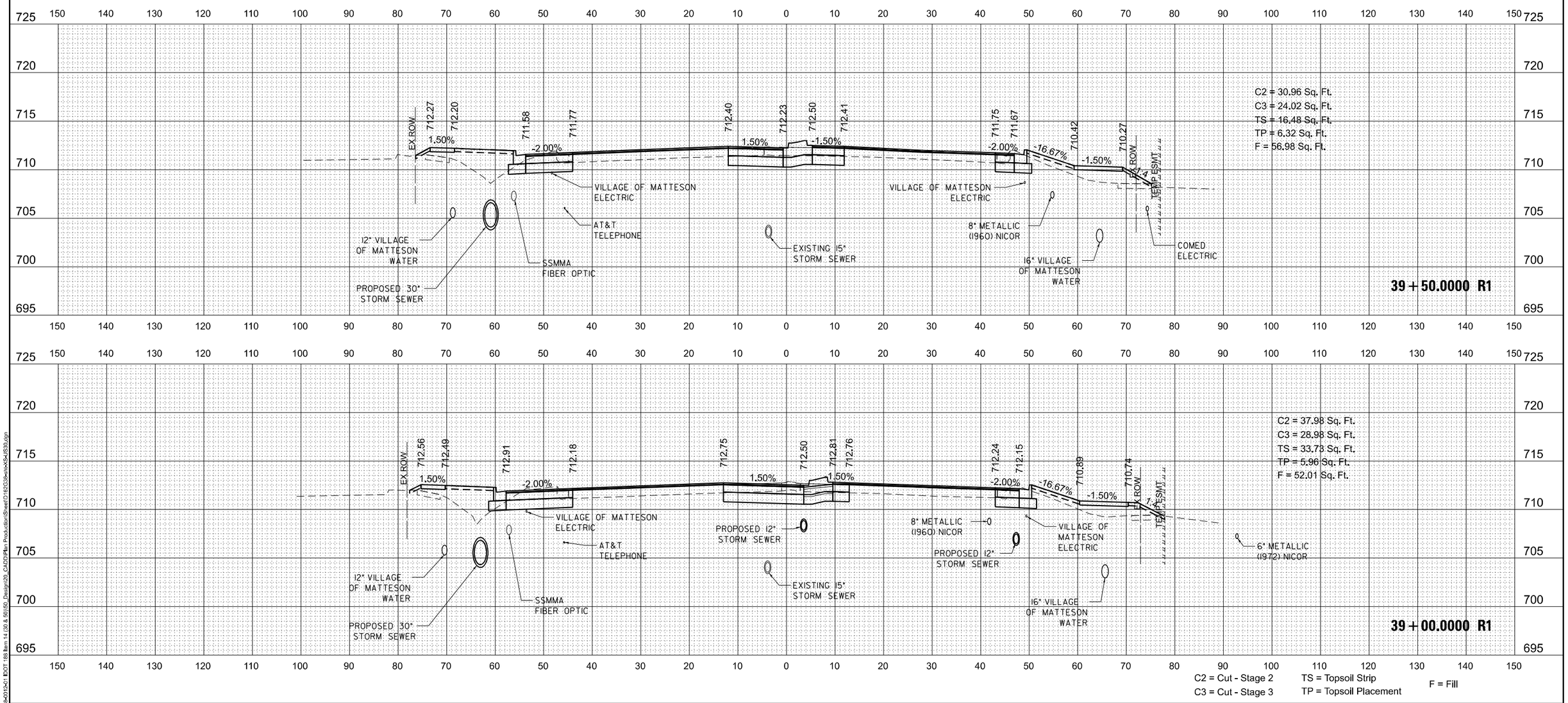
PLOT DATE = 5/1/2023	DATE - 2-28-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 (LINCOLN HWY) AT IL ROUTE 50 (S. CICERO AVE)
CROSS SECTIONS

SHEET OF SHEETS STA. 37+50.00 TO STA. 38+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	260
		CONTRACT NO. 62G38		
		ILLINOIS	FED. AID PROJECT	



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Peralte-Clark LLC

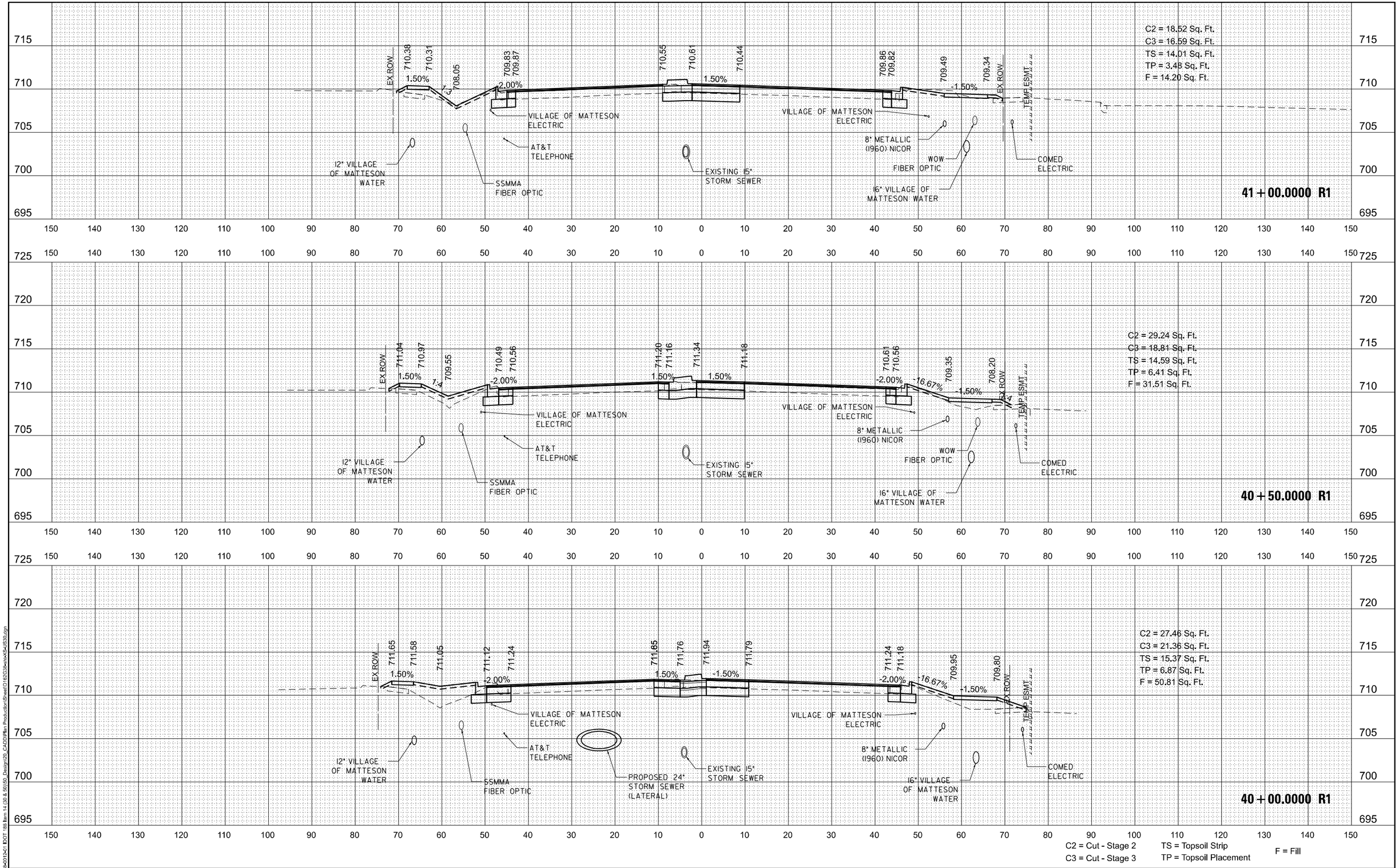
USER NAME = MET		DESIGNED - $AA		REVISED -	
		DRAWN - $AA		REVISED -	
PLOT SCALE = 20.0000 ' / In.		CHECKED - MET		REVISED -	
PLOT DATE = 5/1/2023		DATE - 2-28-2023		REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 (LINCOLN HWY) AT IL ROUTE 50 (S. CICERO AVE)
CROSS SECTIONS

SHEET OF SHEETS STA. 38+49.86 TO STA. 39+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	261
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		



C2 = Cut - Stage 2
C3 = Cut - Stage 3
TS = Topsoil Strip
TP = Topsoil Placement
F = Fill

MODEL: Default
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Peralte-Clark LLC

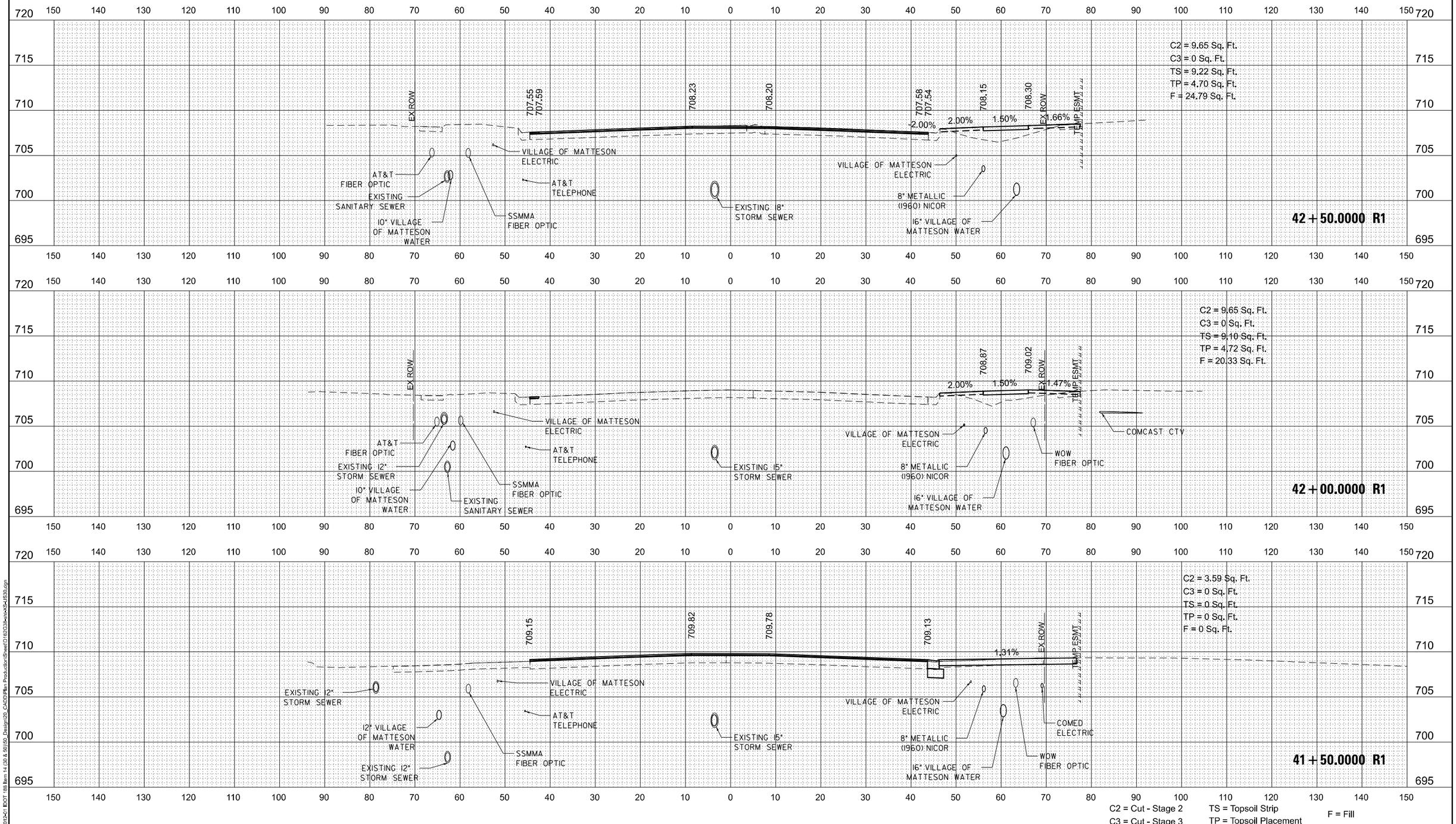
USER NAME = MET	DESIGNED - $AA	REVISED -
	DRAWN - $AA	REVISED -
PLOT SCALE = 20.0000 ' / In.	CHECKED - MET	REVISED -
PLOT DATE = 5/1/2023	DATE - 2-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 (LINCOLN HWY) AT IL ROUTE 50 (S. CICERO AVE)
CROSS SECTIONS

SHEET OF SHEETS STA. 39+50.00 TO STA. 40+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	262
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		



C2 = Cut - Stage 2
C3 = Cut - Stage 3
TS = Topsoil Strip
TP = Topsoil Placement
F = Fill

MODEL: Default
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Peralte-Clark LLC

USER NAME = MET	DESIGNED - $AA	REVISED -	
	DRAWN - $AA	REVISED -	
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PLOT DATE = 5/1/2023	DATE - 2-28-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 (LINCOLN HWY) AT IL ROUTE 50 (S. CICERO AVE)
CROSS SECTIONS

SHEET OF SHEETS STA. 40+50.00 TO STA. 41+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	263
		CONTRACT NO. 62G38		
		ILLINOIS	FED. AID PROJECT	

MODEL: Default
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Peralte-Clark LLC

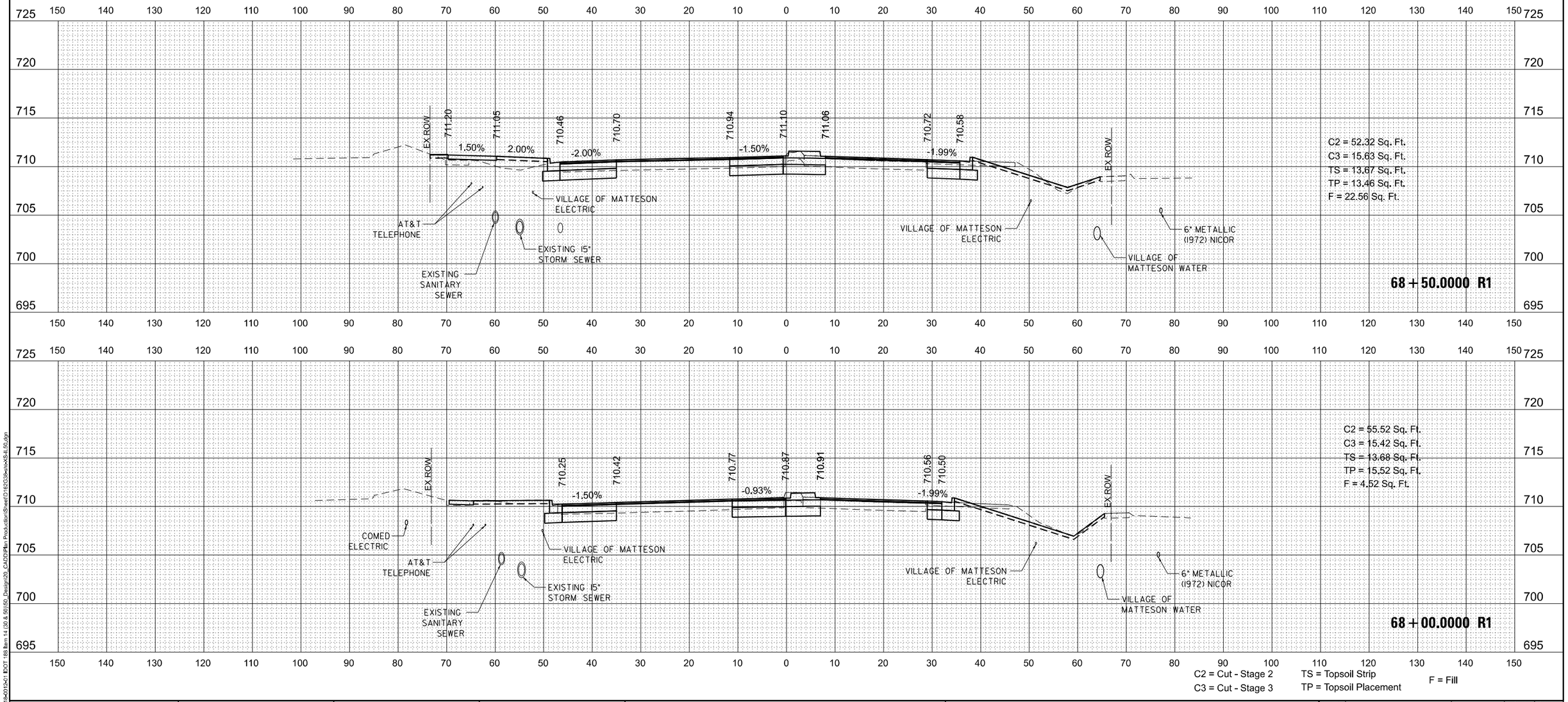
USER NAME = MET		DESIGNED - $AA		REVISED -	
		DRAWN - $AA		REVISED -	
PLOT SCALE = 20.0000 ' / In.		CHECKED - MET		REVISED -	
PLOT DATE = 5/1/2023		DATE - 2-28-2023		REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 (LINCOLN HWY) AT IL ROUTE 50 (S. CICERO AVE)
CROSS SECTIONS

SHEET OF SHEETS STA. 41+50.00 TO STA. 42+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	264
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			



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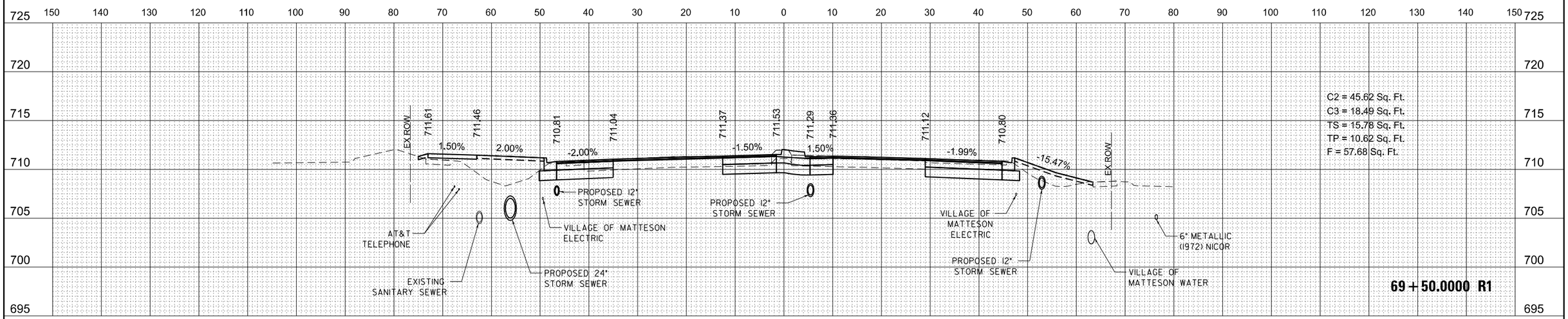
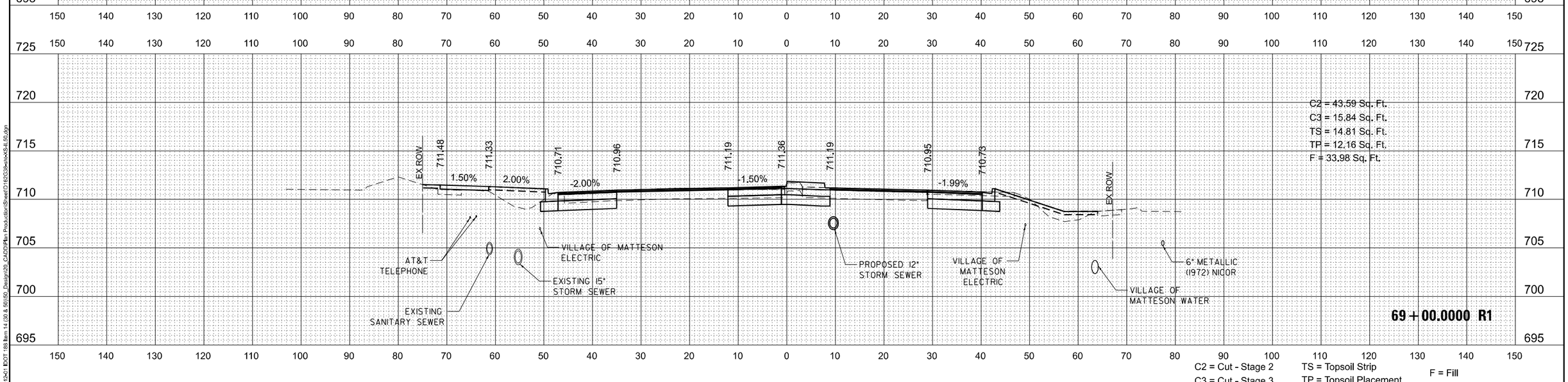
FILE NAME: Z:\18x20\12x01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Plan Production\Sheet\D116XG38x24x11x5-IL50.dgn

Peralte-Clark LLC	USER NAME = MET	DESIGNED - ASH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	U.S. ROUTE 30 (LINCOLN HWY) AT IL ROUTE 50 (S. CICERO AVE) CROSS SECTIONS
		DRAWN - ASH	REVISED -		
	PLOT SCALE = 20.0000 ' / In.	CHECKED - MET	REVISED -		SHEET OF SHEETS STA. 68+00.00 TO STA. 68+50.00
	PLOT DATE = 5/1/2023	DATE - 2-28-2023	REVISED -		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	265
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		





C2 = Cut - Stage 2
C3 = Cut - Stage 3
TS = Topsoil Strip
TP = Topsoil Placement
F = Fill

MODEL: Default
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Peralte-Clark LLC

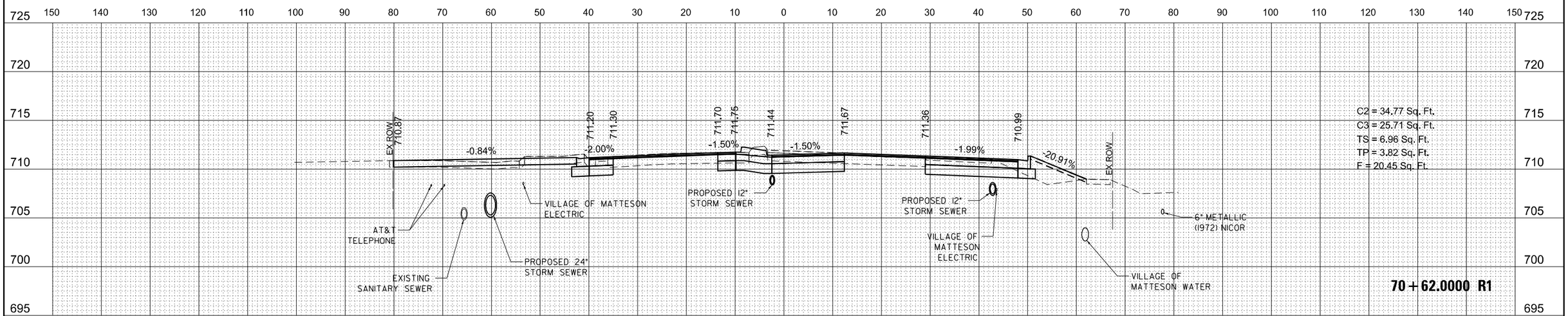
USER NAME = MET	DESIGNED - ASH	REVISED -	
	DRAWN - ASH	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - MET	REVISED -	
PLOT DATE = 5/1/2023	DATE - 2-28-2023	REVISED -	

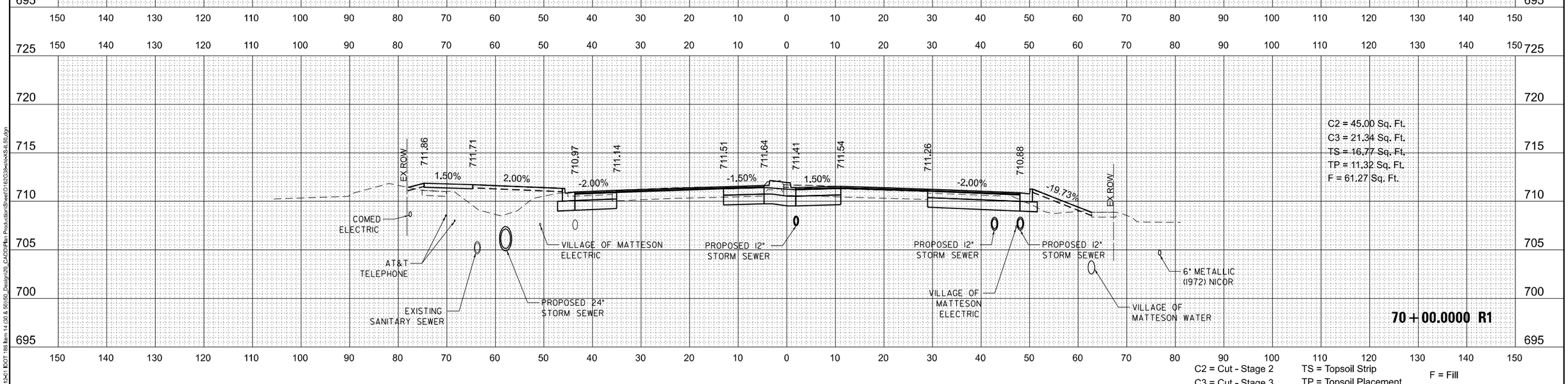
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 (LINCOLN HWY) AT IL ROUTE 50 (S. CICERO AVE)
CROSS SECTIONS

SHEET OF SHEETS STA. 69+00.00 TO STA. 69+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	266
		CONTRACT NO. 62G38		
		ILLINOIS	FED. AID PROJECT	





C2 = Cut - Stage 2
C3 = Cut - Stage 3
TS = Topsoil Strip
TP = Topsoil Placement
F = Fill

MODEL: Default
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Peralte-Clark LLC

USER NAME = MET	DESIGNED - ASH	REVISED -	
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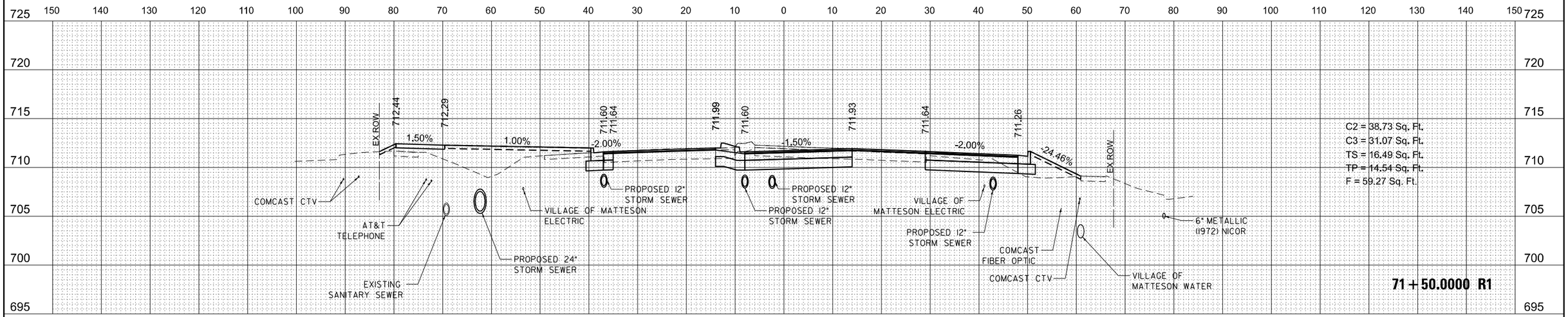
PLOT SCALE = 20.0000 ' / in.	CHECKED - MET	REVISED -	
PLOT DATE = 5/1/2023	DATE - 2-28-2023	REVISED -	

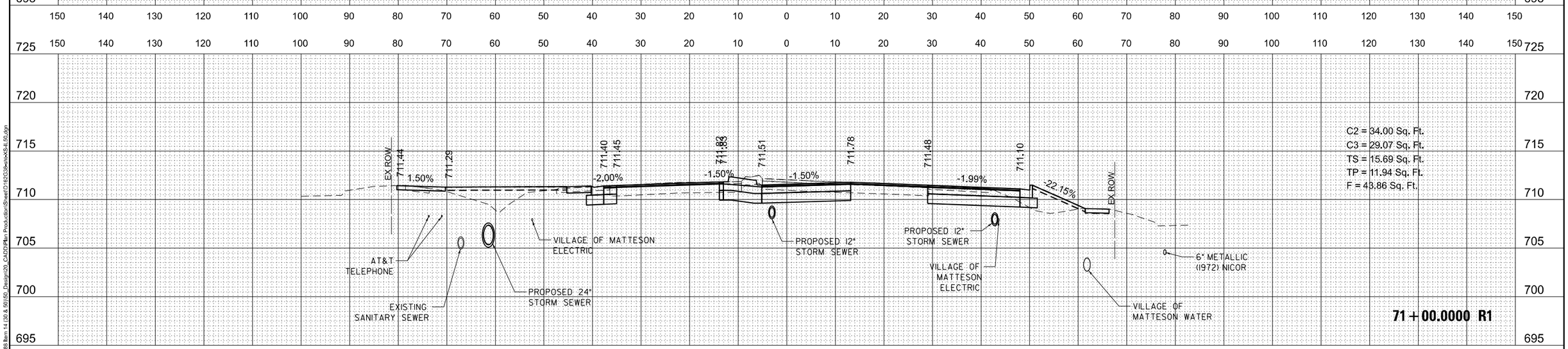
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 (LINCOLN HWY) AT IL ROUTE 50 (S. CICERO AVE)
CROSS SECTIONS

SHEET OF SHEETS STA. 70+00.00 TO STA. 70+65.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	267
		CONTRACT NO. 62G38		
		ILLINOIS	FED. AID PROJECT	





C2 = Cut - Stage 2
C3 = Cut - Stage 3
TS = Topsoil Strip
TP = Topsoil Placement
F = Fill

MODEL: Default
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Peralte-Clark LLC

USER NAME = MET	DESIGNED - ASH	REVISED -	
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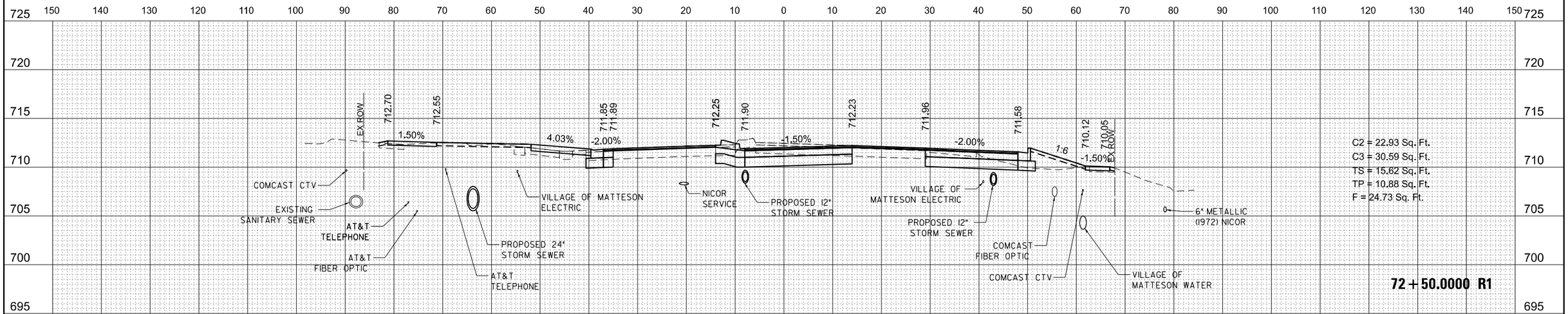
PLOT SCALE = 20.0000 ' / in.	CHECKED - MET	REVISED -	
PLOT DATE = 5/1/2023	DATE - 2-28-2023	REVISED -	

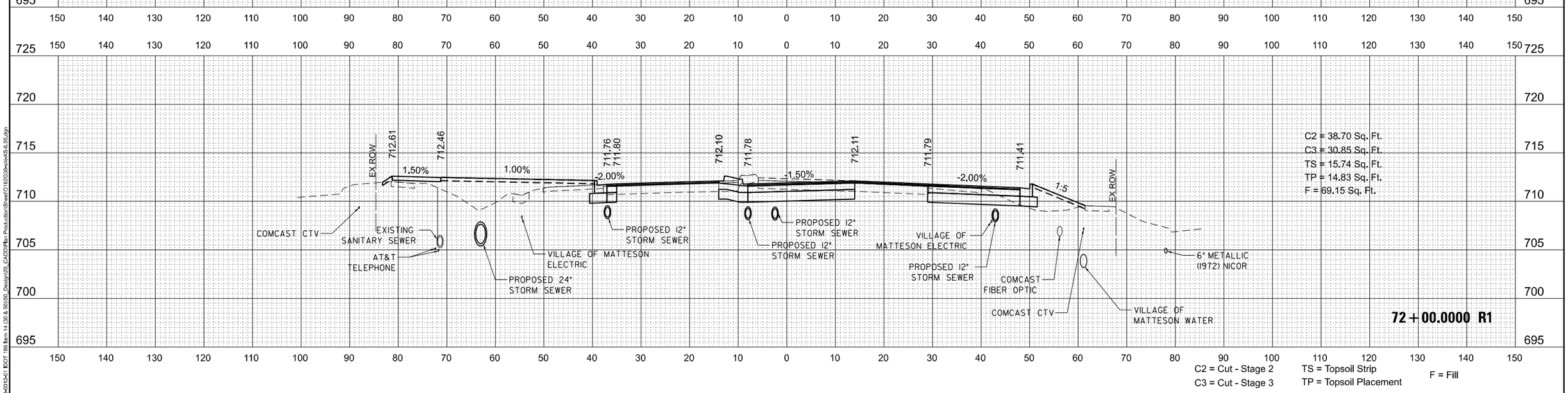
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 (LINCOLN HWY) AT IL ROUTE 50 (S. CICERO AVE)
CROSS SECTIONS

SHEET OF SHEETS STA. 71+00.00 TO STA. 71+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	268
		CONTRACT NO. 62G38		
		ILLINOIS	FED. AID PROJECT	





C2 = Cut - Stage 2
C3 = Cut - Stage 3
TS = Topsoil Strip
TP = Topsoil Placement
F = Fill

MODEL: Default
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Peralte-Clark LLC

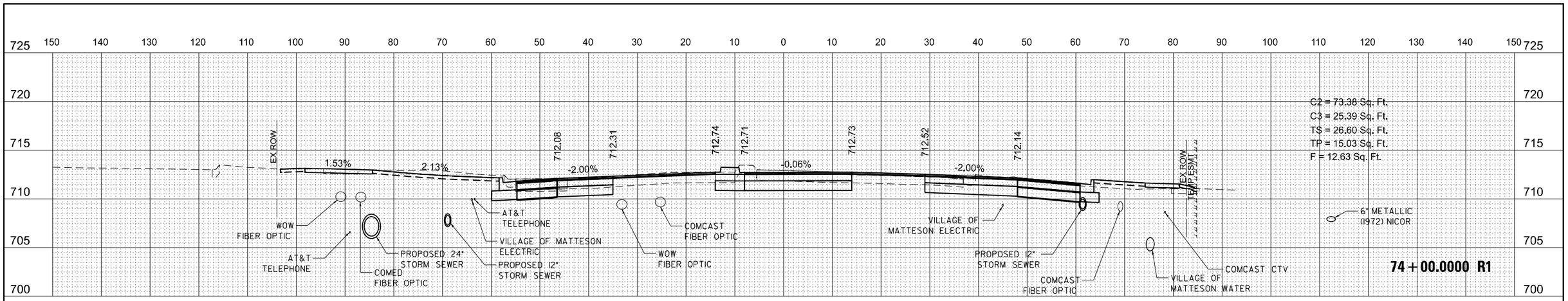
USER NAME = MET	DESIGNED - ASH	REVISED -	
	DRAWN - ASH	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - MET	REVISED -	
PLOT DATE = 5/1/2023	DATE - 2-28-2023	REVISED -	

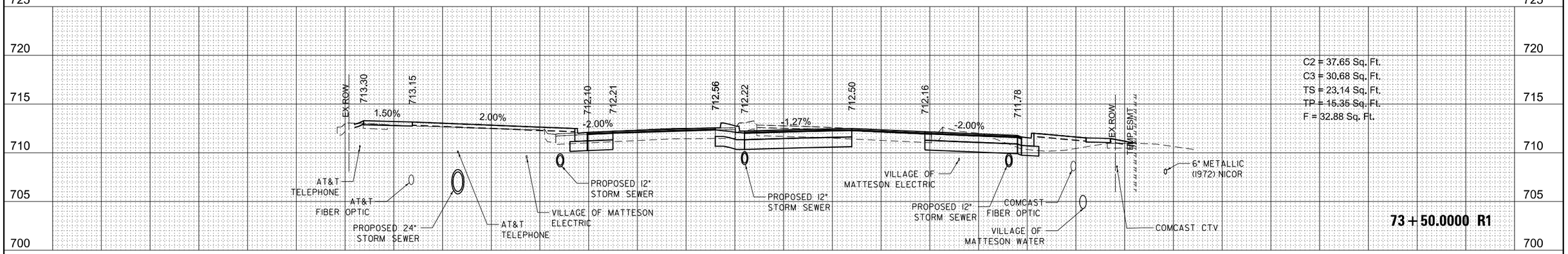
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

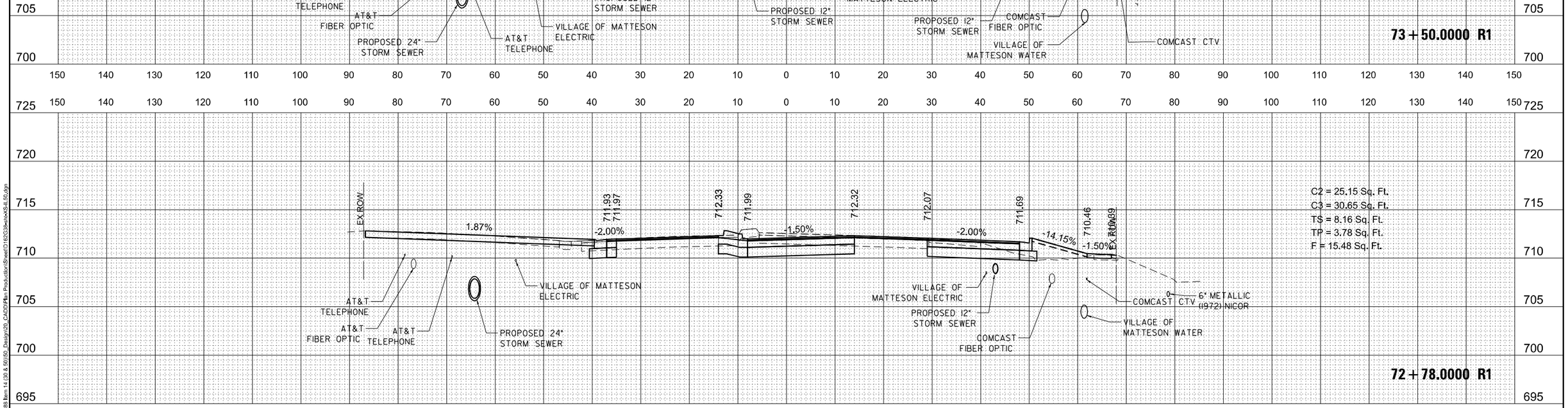
U.S. ROUTE 30 (LINCOLN HWY) AT IL ROUTE 50 (S. CICERO AVE)
CROSS SECTIONS

SHEET OF SHEETS STA. 72+00.00 TO STA. 72+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	269
		CONTRACT NO. 62G38		
		ILLINOIS	FED. AID PROJECT	







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Peralte-Clark LLC

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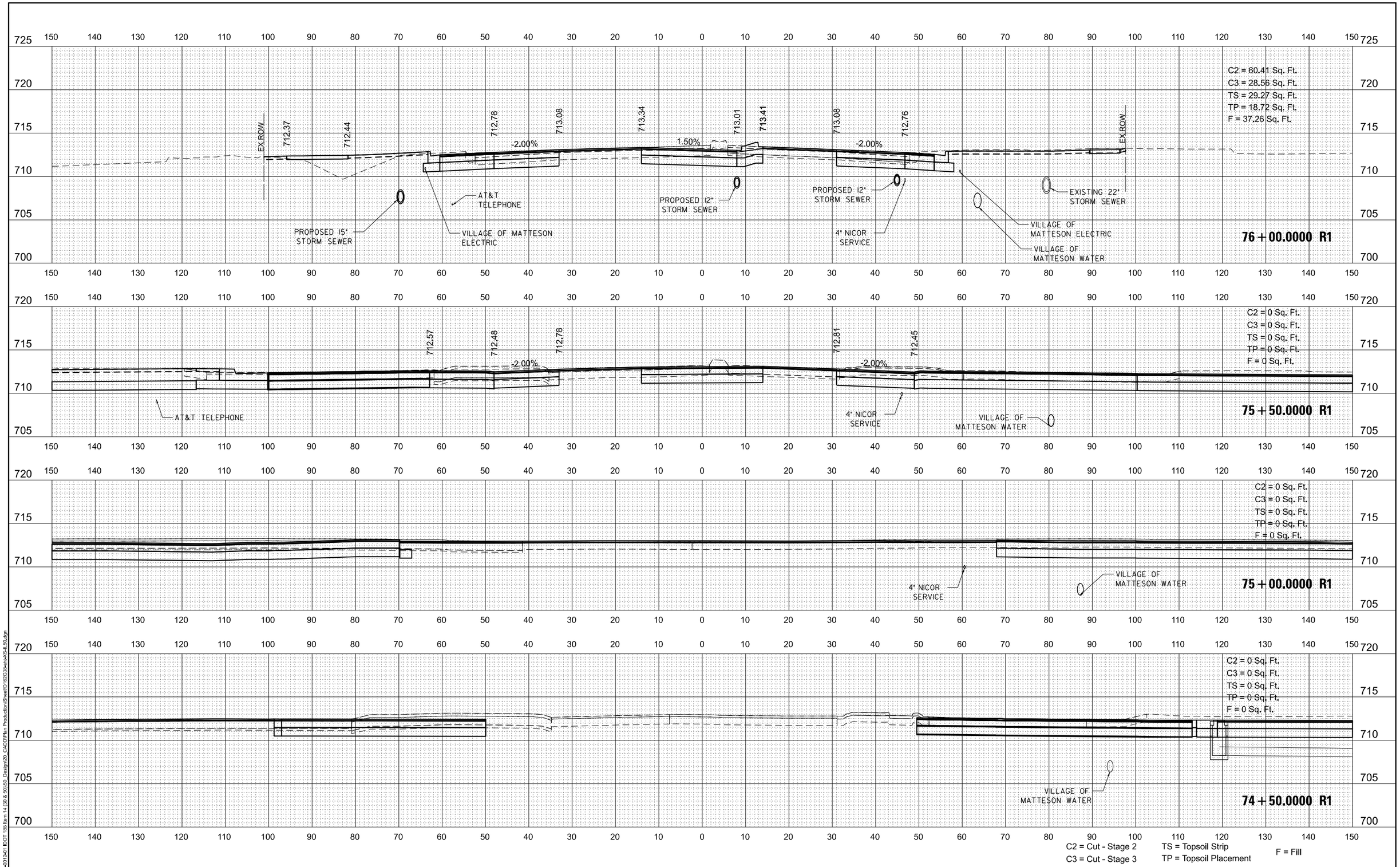
PLOT DATE = 5/1/2023	DATE - 2-28-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 (LINCOLN HWY) AT IL ROUTE 50 (S. CICERO AVE)
CROSS SECTIONS

SHEET OF SHEETS STA. 72+85.00 TO STA. 73+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	270
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		



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Peralte-Clark LLC

USER NAME = MET	DESIGNED - ASH	REVISED -	
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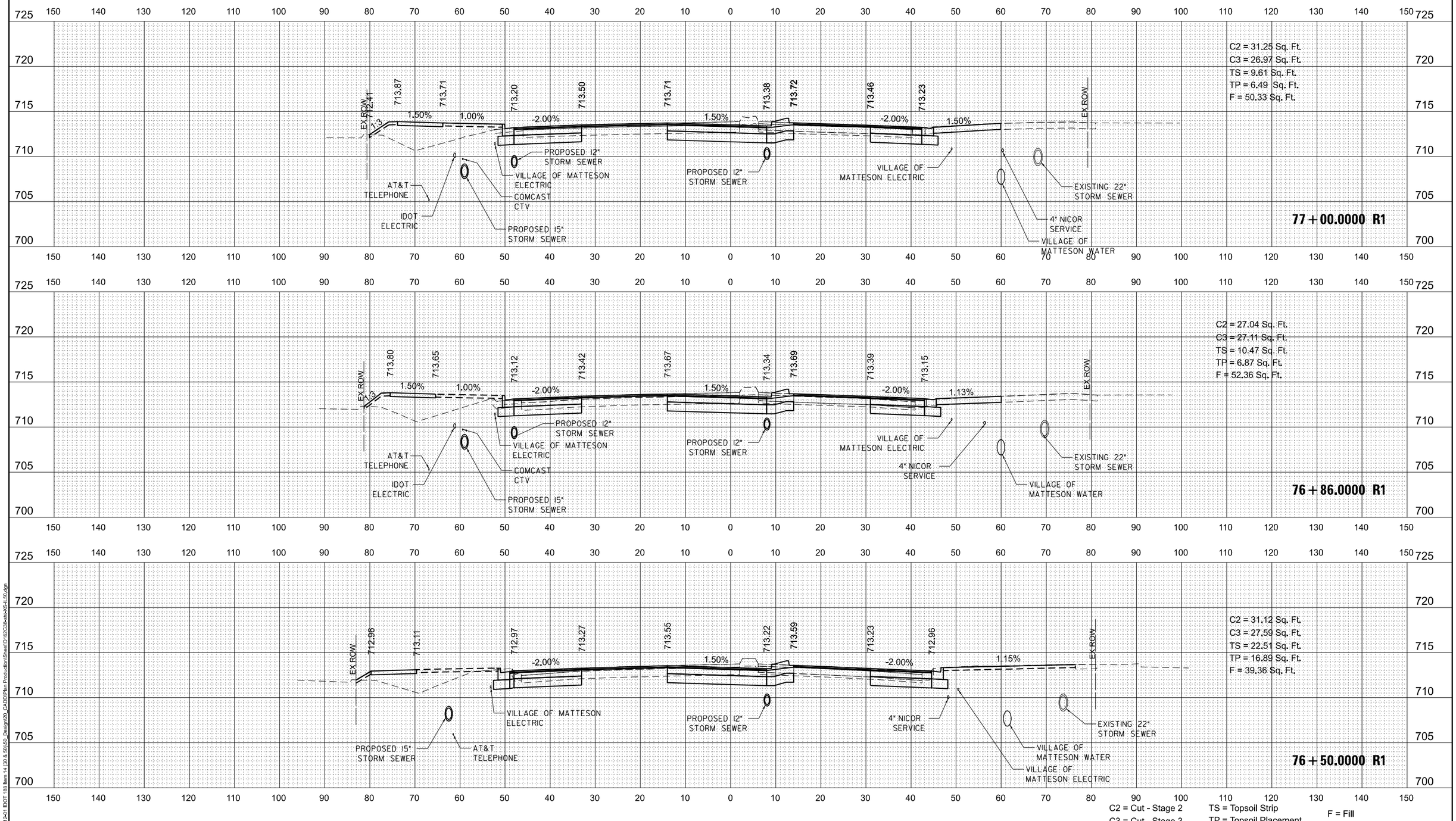
PLOT SCALE = 20.0000 ' / in.	CHECKED - MET	REVISED -	
PLOT DATE = 5/1/2023	DATE - 2-28-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 (LINCOLN HWY) AT IL ROUTE 50 (S. CICERO AVE)
CROSS SECTIONS

SHEET OF SHEETS STA. 74+00.00 TO STA. 74+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	271
		CONTRACT NO. 62G38		
		ILLINOIS	FED. AID PROJECT	



C2 = Cut - Stage 2
C3 = Cut - Stage 3
TS = Topsoil Strip
TP = Topsoil Placement
F = Fill

MODEL: Default
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Peralte-Clark LLC

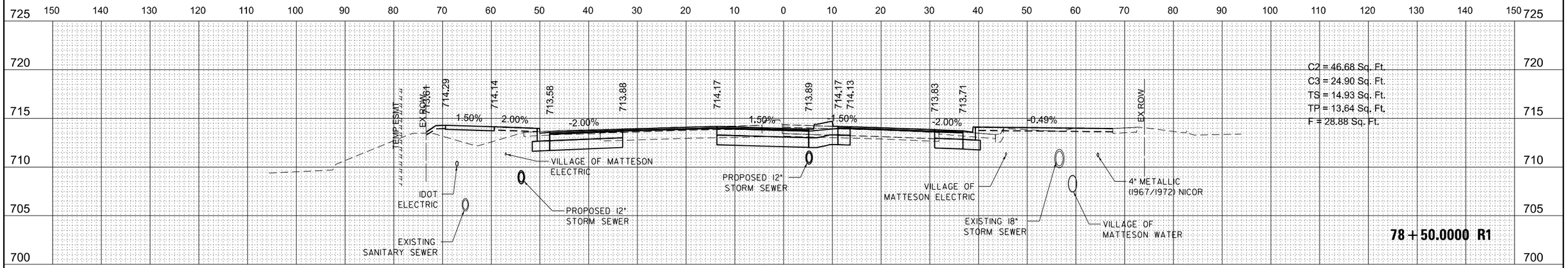
USER NAME = MET	DESIGNED - ASH	REVISED -	
	DRAWN - ASH	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - MET	REVISED -	
PLOT DATE = 5/1/2023	DATE - 2-28-2023	REVISED -	

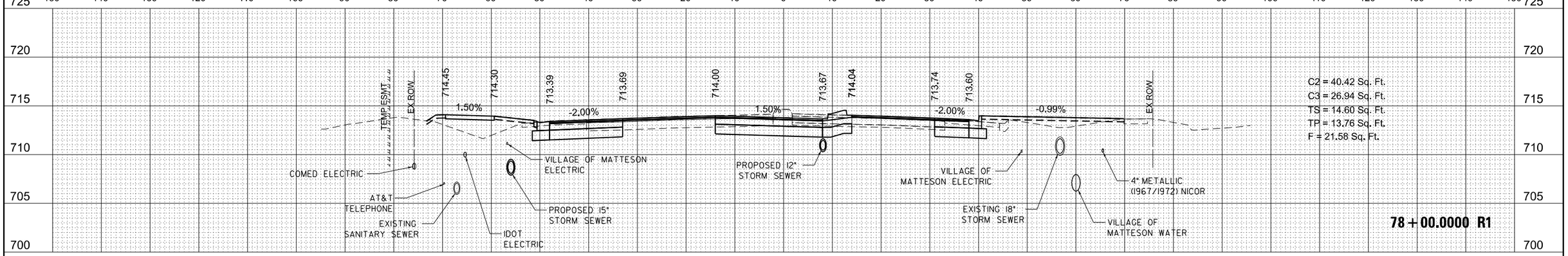
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

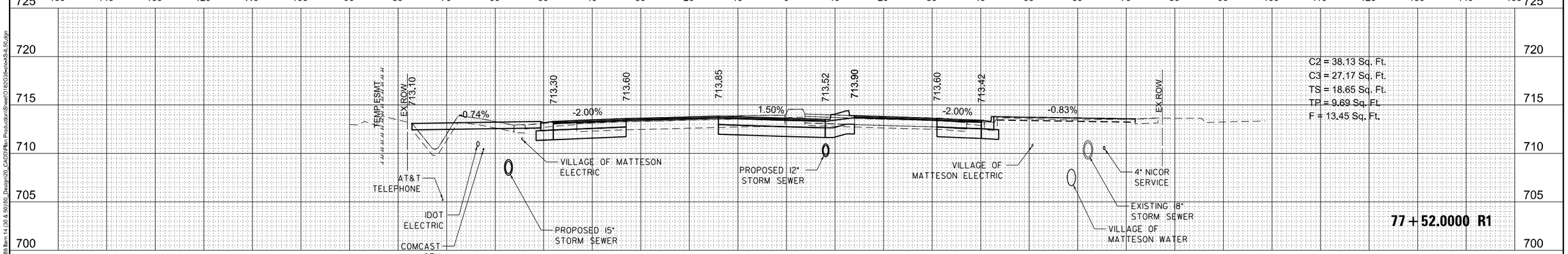
U.S. ROUTE 30 (LINCOLN HWY) AT IL ROUTE 50 (S. CICERO AVE)
CROSS SECTIONS

SHEET OF SHEETS STA. 75+00.00 TO STA. 75+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	272
		CONTRACT NO. 62G38		
		ILLINOIS	FED. AID PROJECT	







C2 = Cut - Stage 2
C3 = Cut - Stage 3
TS = Topsoil Strip
TP = Topsoil Placement
F = Fill

MODEL: Default
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Peralte-Clark LLC

USER NAME = MET		DESIGNED - ASH		REVISED -	
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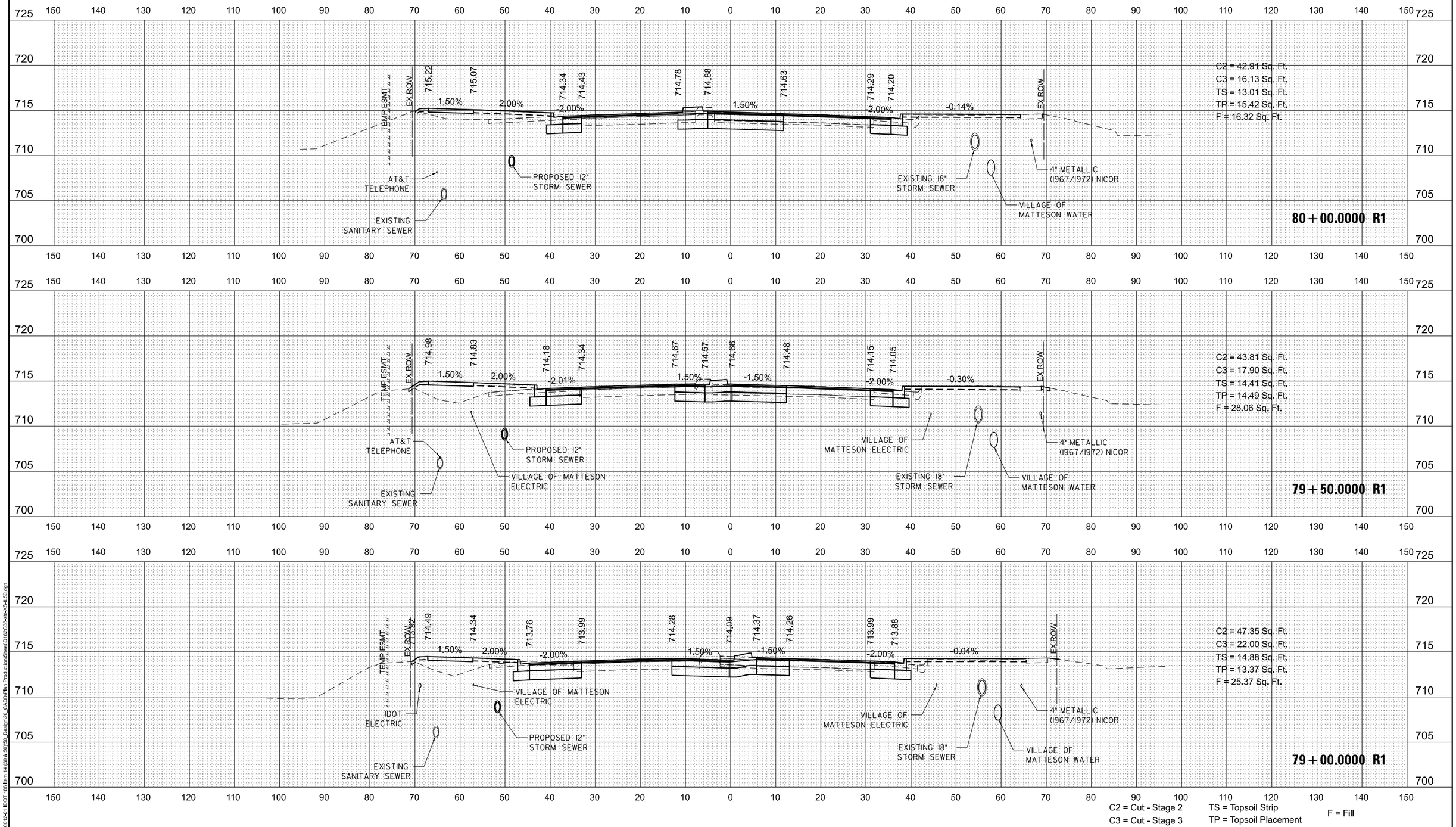
PLOT SCALE = 20.0000 ' / In.		CHECKED - MET		REVISED -	
PLOT DATE = 5/1/2023		DATE - 2-28-2023		REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 (LINCOLN HWY) AT IL ROUTE 50 (S. CICERO AVE)
CROSS SECTIONS

SHEET OF SHEETS STA. 76+00.00 TO STA. 76+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	273
		CONTRACT NO. 62G38		
	ILLINOIS FED. AID PROJECT			



C2 = Cut - Stage 2
C3 = Cut - Stage 3
TS = Topsoil Strip
TP = Topsoil Placement
F = Fill

MODEL: Default
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Peralte-Clark LLC

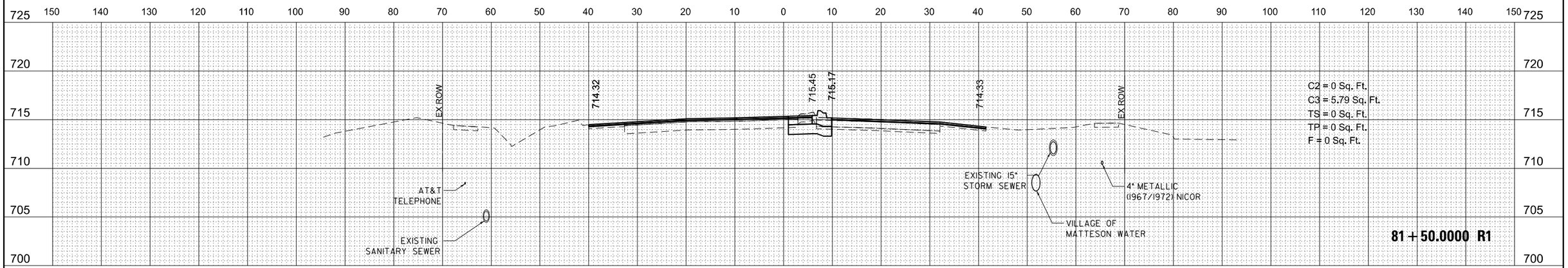
USER NAME = MET	DESIGNED - ASH	REVISED -	
	DRAWN - ASH	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - MET	REVISED -	
PLOT DATE = 5/1/2023	DATE - 2-28-2023	REVISED -	

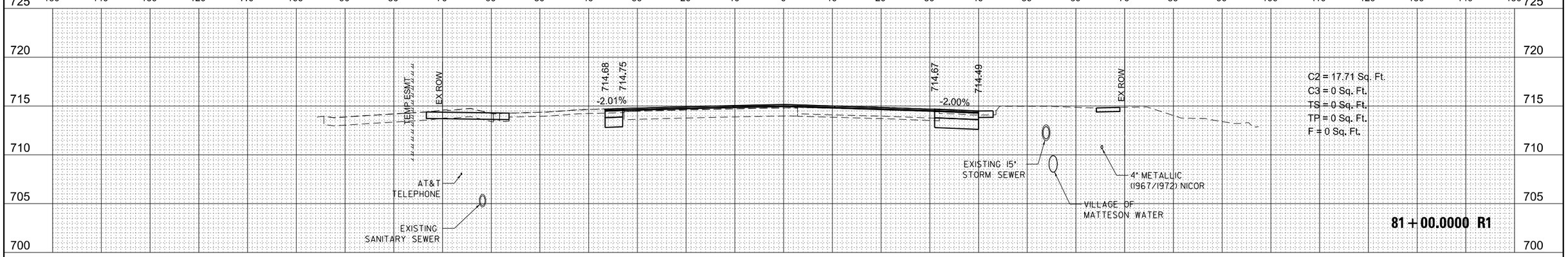
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

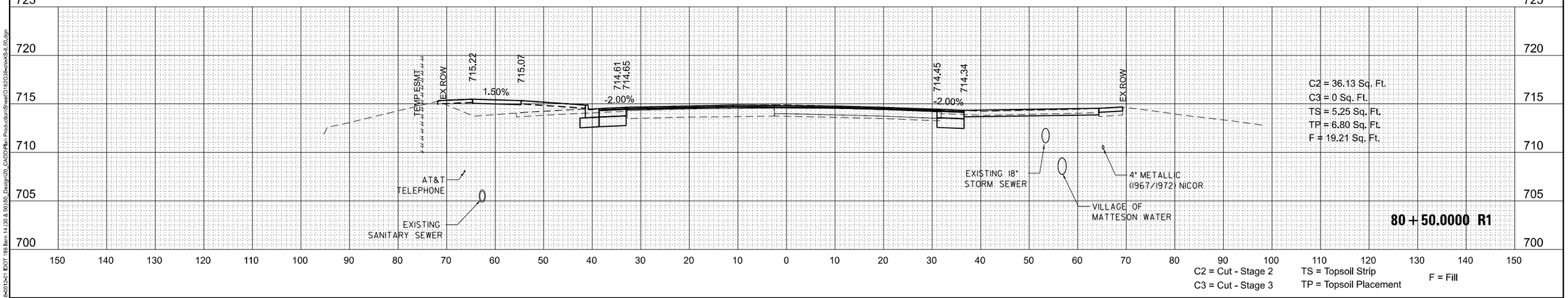
U.S. ROUTE 30 (LINCOLN HWY) AT IL ROUTE 50 (S. CICERO AVE)
CROSS SECTIONS

SHEET OF SHEETS STA. 76+95.00 TO STA. 77+55.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	274
		CONTRACT NO. 62G38		
		ILLINOIS	FED. AID PROJECT	







C2 = Cut - Stage 2
C3 = Cut - Stage 3
TS = Topsoil Strip
TP = Topsoil Placement
F = Fill

MODEL: Default
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Peralte-Clark LLC

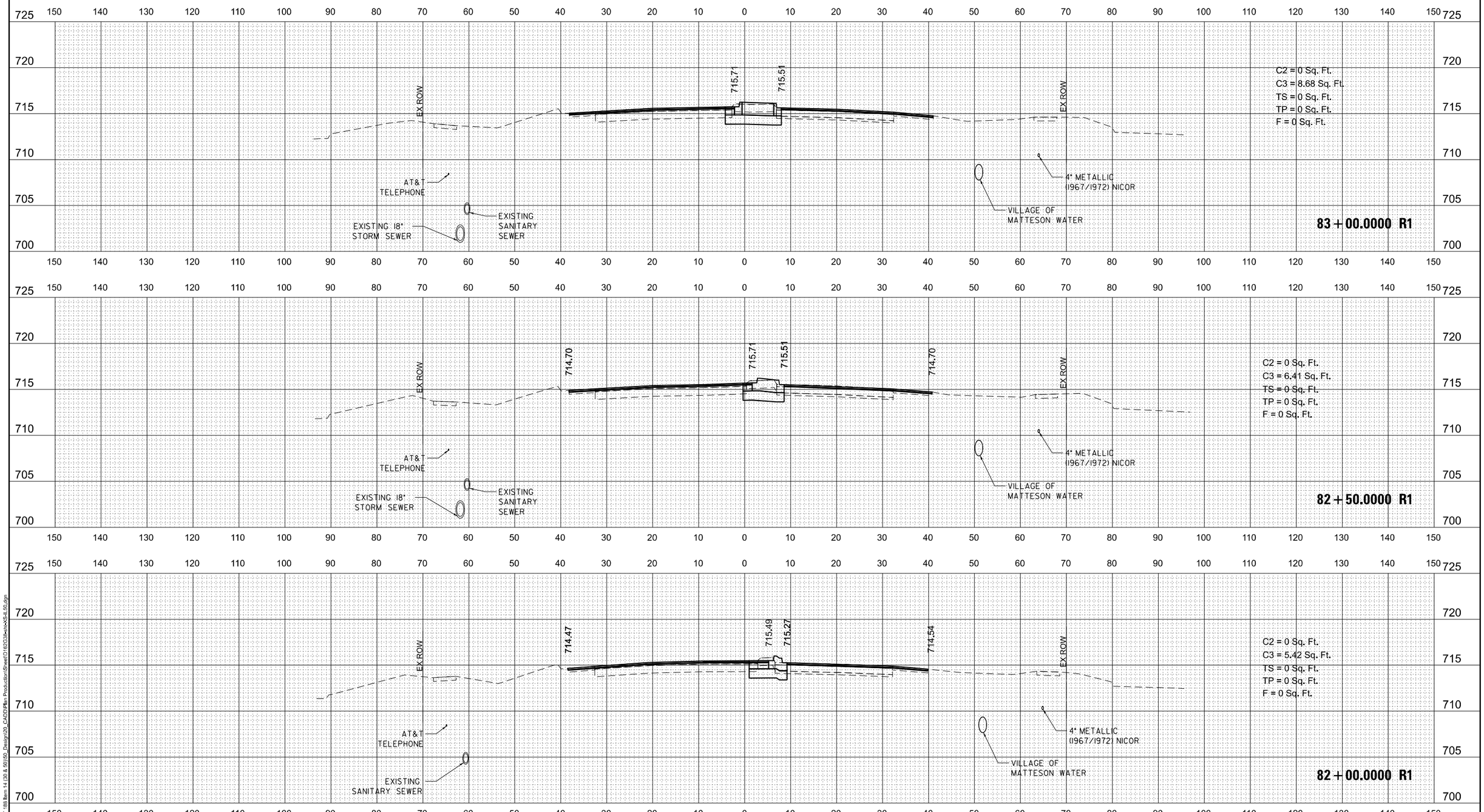
USER NAME = MET	DESIGNED - ASH	REVISED -
	DRAWN - ASH	REVISED -
PLOT SCALE = 20.0000 ' / In.	CHECKED - MET	REVISED -
PLOT DATE = 5/1/2023	DATE - 2-28-2023	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 (LINCOLN HWY) AT IL ROUTE 50 (S. CICERO AVE)
CROSS SECTIONS

SHEET OF SHEETS STA. 78+00.00 TO STA. 78+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	275
		CONTRACT NO. 62G38		
	ILLINOIS	FED. AID PROJECT		



C2 = Cut - Stage 2
C3 = Cut - Stage 3
TS = Topsoil Strip
TP = Topsoil Placement
F = Fill

MODEL: Default
FILE NAME: Z:\18-0012-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Plan Production\Sheet\D162G38-sht-XS-IL50.dgn

Peralte-Clark LLC

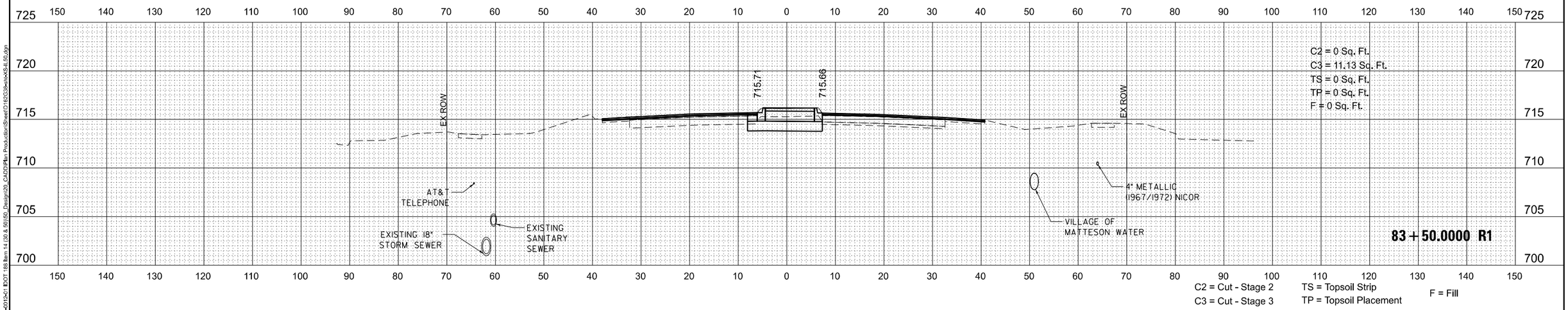
USER NAME = MET	DESIGNED - ASH	REVISED -	
	DRAWN - ASH	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - MET	REVISED -	
PLOT DATE = 5/1/2023	DATE - 2-28-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 (LINCOLN HWY) AT IL ROUTE 50 (S. CICERO AVE)
CROSS SECTIONS

SHEET OF SHEETS STA. 79+00.00 TO STA. 79+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	276
		CONTRACT NO. 62G38		
		ILLINOIS	FED. AID PROJECT	



C2 = Cut - Stage 2
C3 = Cut - Stage 3
TS = Topsoil Strip
TP = Topsoil Placement
F = Fill

MODEL: Default
FILE NAME: Z:\18-0012-01 IDOT 188 Item 14 (30 & 50)\50_Design\20_CADD\Plan Production\Sheet\D162G38-sht-XS-IL50.dgn

Peralte-Clark LLC

USER NAME = MET	DESIGNED - ASH	REVISED -	
	DRAWN - ASH	REVISED -	
PLOT SCALE = 20.0000 ' / in.	CHECKED - MET	REVISED -	
PLOT DATE = 5/1/2023	DATE - 2-28-2023	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

U.S. ROUTE 30 (LINCOLN HWY) AT IL ROUTE 50 (S. CICERO AVE)
CROSS SECTIONS

SHEET OF SHEETS STA. 80+00.00 TO STA. 80+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353 & 350	(22&23) TS-1	COOK	277	277
		CONTRACT NO. 62G38		
		ILLINOIS	FED. AID PROJECT	