

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4480	22-00112-00-RS	COOK	80	1
		ILLINOIS CONTRACT NO. 61K08		

01-19-2024 LETTING ITEM 086
FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR LIST OF HIGHWAY STANDARDS, SEE SHEET NO. 2

TRAFFIC DATA

EXISTING ILLINOIS AVENUE ADT = 2,482 (2019)
FUTURE ILLINOIS AVENUE ADT = 2,800 (2050)

SPEED LIMIT:

30 MPH (POSTED)
35 MPH (DESIGN)

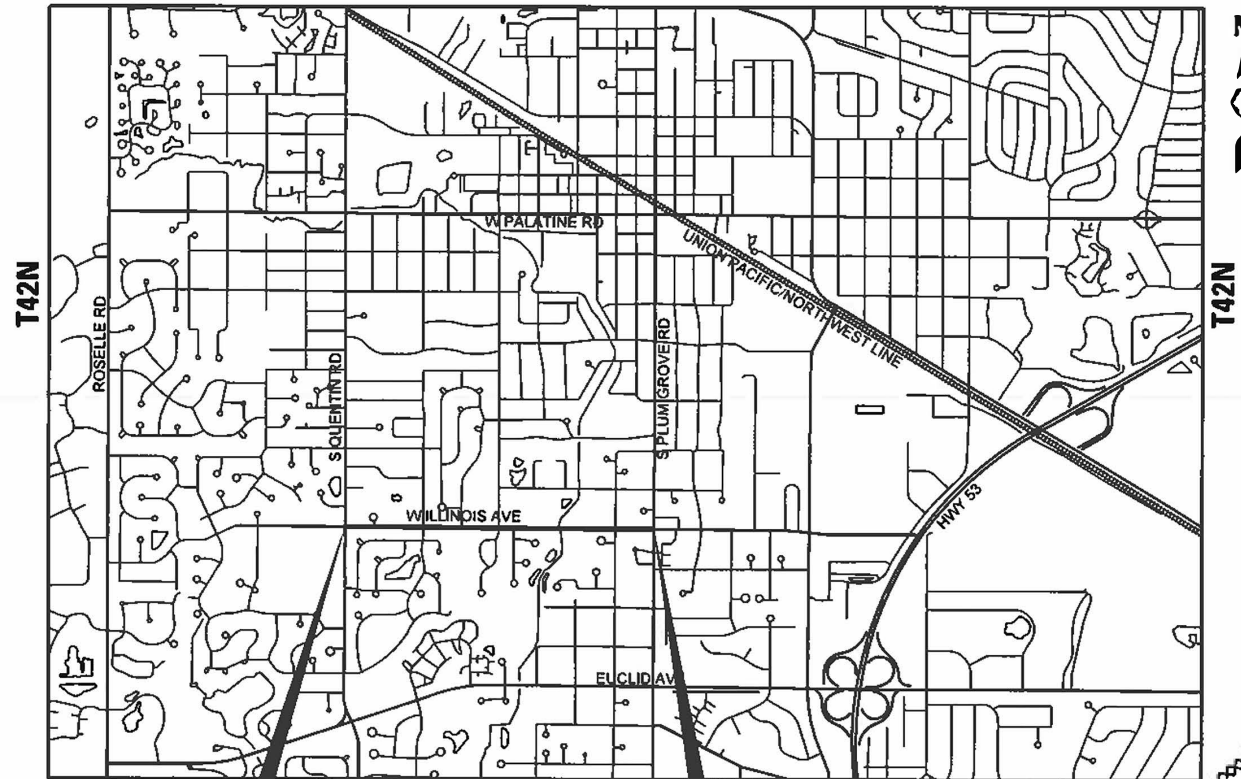
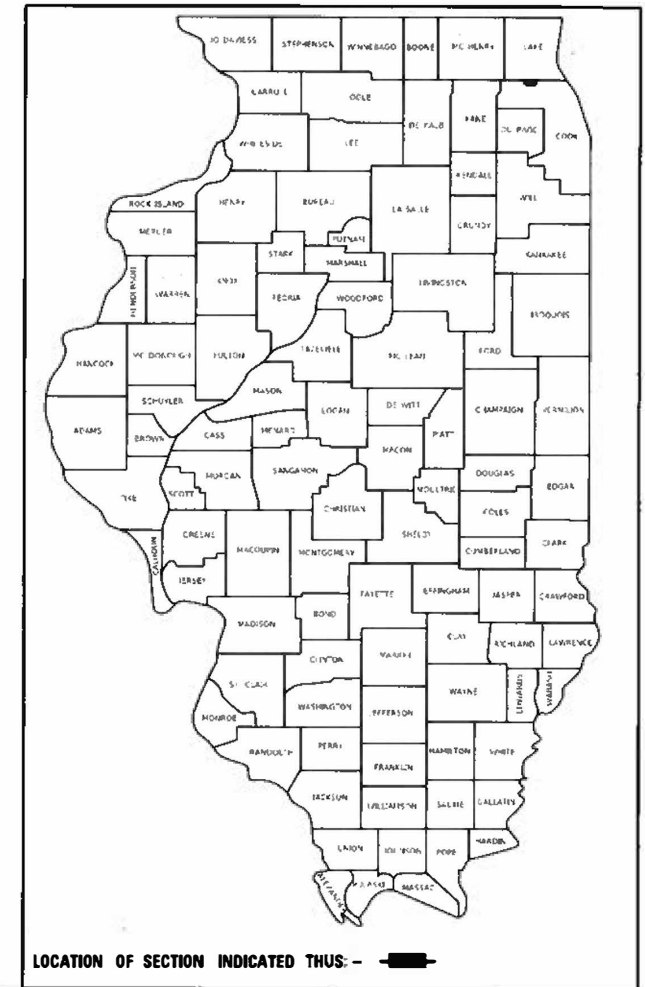
DESIGN DESIGNATION:

ILLINOIS AVENUE - MINOR COLLECTOR

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION PLANS FOR PROPOSED FEDERAL AID HIGHWAY

ILLINOIS AVENUE RESURFACING AND
PEDESTRIAN IMPROVEMENTS FROM
QUENTIN ROAD TO PLUM GROVE ROAD
VILLAGE OF PALATINE
COOK COUNTY

PROJECT NO. FNQ7(511)
SECTION NO. 22-00112-00-RS
C-91-098-24



BEGIN IMPROVEMENT
STA 9 + 46.97
STA 100 + 63.08

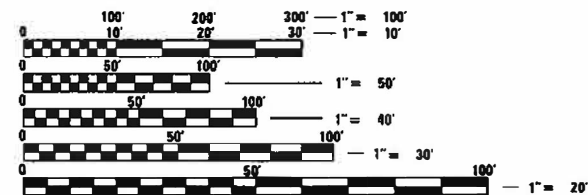
END IMPROVEMENT
STA 60 + 73.78
STA 146 + 47.39

ROAD	STATION	STATION	LENGTH (FT)	LENGTH (MI)
ILLINOIS AVENUE	9 + 46.97	60 + 73.78	5090	0.96
MULTI-USE PATH	100 + 63.08	146 + 47.39	4565	0.87
NET AND GROSS LENGTH OF IMPROVEMENT			9655	1.83

LOCATION MAP
NOT TO SCALE



JACOB THEDE
ILLINOIS REGISTERED PROFESSIONAL ENGINEER NO. 062-069335
MY LICENSE EXPIRES ON 11-30-2023
DATE 10/02/2023



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

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

CONSULTING ENGINEERS **BLA, Inc.**
333 PIERCE ROAD SUITE 200 ITASCA, IL 60143
P:(630) 438 6400 F:(630) 438 6444 www.bla-inc.com

FEDERAL AID ENGINEER: CARMEN E. RAMOS, P.E. SCHAUMBURG, IL

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

APPROVED *[Signature]* 2023
MATTHEW BARRY
VILLAGE OF PALATINE, VILLAGE MANAGER

PASSED *[Signature]* 2023
DISTRICT ONE ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID
BASED ON LIMITED REVIEW *[Signature]* 2023
REGIONAL ENGINEER

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

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886006-01	TYPICAL LAYOUTS FOR DETECTION LOOPS

GENERAL NOTES

- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2022 (HEREIN AFTER REFERRED TO AS THE STANDARD SPECIFICATIONS; THE SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS ADOPTED JANUARY 1, 2024; THE LATEST EDITION OF THE ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS; THE STANDARD SPECIFICATIONS FOR WATER & SEWER MAIN CONSTRUCTION IN ILLINOIS, LATEST EDITION; THE DETAILS IN THE PLANS; AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS.
- ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED AS THE LATEST STANDARD OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS.
- 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 HOURS NOTIFICATION IS REQUIRED.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH LOCAL EMERGENCY SERVICES AND THE VILLAGE OF PALATINE USING THE FOLLOWING TELEPHONE NUMBERS:

PALATINE POLICE DEPARTMENT: (847) 359-9000

PALATINE FIRE DEPARTMENT: (847) 202-6340
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL UTILITIES PRIOR TO CONSTRUCTION TO DETERMINE THE LOCATION OF ALL EXISTING AND PROPOSED UTILITY EQUIPMENT. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS, IF UTILITY RELOCATION, ADJUSTMENT, OR PROTECTION IS NECESSARY.
- THE LOCATION OF EXISTING DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, AND ANY OTHER PUBLIC OR PRIVATE UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE, AND THEIR EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE OR VILLAGE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT OR THE VILLAGE.
- THE CONTRACTOR SHALL MAINTAIN EXISTING SIDE STREET ACCESS, EXISTING DRIVEWAY ACCESS AND PEDESTRIAN ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING CONSTRUCTION OF THE PROJECT UNLESS OTHERWISE NOTED IN THE PLANS OR AS DIRECTED BY THE ENGINEER.
- NITROGEN FERTILIZER & POTASSIUM FERTILIZER SHALL BE PLACED OVER SODDING AT THE RATE OF 60 POUNDS PER ACRE.
- THE THICKNESS OF HOT-MIX ASPHALT MIXTURES SHOWN IN THE PLANS IS NOMINAL. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE SURFACES OR BASES ON WHICH THE HOT-MIX ASPHALT MIXTURES ARE TO BE PLACED.
- PROTECTIVE COAT SHALL BE APPLIED TO ALL GUTTER FLAGS, FACE AND TOP OF CURB, SIDEWALKS, AND AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING FRESH CONCRETE FROM DAMAGE AND VANDALISM. ANY DAMAGED OR VANDALIZED CONCRETE SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR.
- WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MATCHING SHALL NOT EXCEED 1-1/2" WHERE THE SPEED LIMIT IS 45 MPH OR LESS AND 1" WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH, WITH WRITTEN APPROVAL FROM THE ENGINEER. A MAXIMUM GRADE DIFFERENTIAL OF 3" MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H).
- BUTT JOINT WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE DISTRICT DETAIL "BUTT JOINT AND HMA TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- FOR CLASS D PATCHING, CONTRACTOR SHALL MILL BEFORE PATCHING AS DIRECTED BY THE ENGINEER.
- ALL ELEVATIONS ARE ON THE U.S.G.S. DATUM NAVD 88.
- ALL OFFSET LOCATIONS GIVEN ON THE DETAILED PLANS FOR ADA RAMPS, PAVEMENT MARKINGS, ETC. ARE FROM THE CENTERLINE AS SHOWN ON THE PLANS.
- DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- THE CONTRACTOR WILL BE REQUIRED TO COMPLY WITH ALL STATE REGULATIONS REGARDING AIR, WATER, AND NOISE POLLUTION. THE CONTRACTOR IS PROHIBITED FROM BURNING ANY MATERIAL WITHIN OR ADJACENT TO THE IMPROVEMENT.
- SUPPLEMENTAL WATERING SHALL BE APPLIED WITHIN 2 HOURS AFTER SOD HAS BEEN PLACED AT A RATE OF 5 GAL PER SQ YD. ADDITIONAL WATER SHALL BE APPLIED EVERY OTHER DAY AT A RATE OF 3 GAL PER SQ YD FOR A TOTAL OF 15 ADDITIONAL WATERING.
- TEMPORARY INFORMATION SIGNING AND CHANGEABLE MESSAGE SIGNS SHALL BE PLACED AT PROJECT LIMITS AND INTERSECTIONS, OR AS DIRECTED BY THE ENGINEER, PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES.
- ACTUAL LOCATION AND SIZE OF BASE PATCHES WILL BE DETERMINED IN THE FIELD. NO COMPENSATION WILL BE ALLOWED FOR UNUSED PATCHING QUANTITIES.
- TREE ROOT PRUNING AND TREE PRUNING SHALL BE USED WHERE NECESSARY IN AREAS OF PROPOSED SIDEWALK AND CURB AS DIRECTED BY THE ENGINEER.
- CONTRACTOR SHALL USE CAUTION WHEN WORKING NEAR AND UNDER OVERHEAD UTILITY FACILITIES.
- REFER TO ADA RAMP ELEVATION PLAN SHEETS FOR PROPOSED SIDEWALK ELEVATIONS.
- LOCATION AND TYPE OF CLASS PAVEMENT PATCHING SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER. PAVEMENT PATCHING SHALL BE UTILIZED AS EXISTING FIELD CONDITIONS NECESSITATE.
- REMOVING EXISTING CURB AND GUTTER AND REPLACING WITH COMBINATION CURB AND GUTTER TYPE B-6.12 SHALL BE DETERMINED IN THE FIELD BY THE ENGINEER. THESE ITEMS SHALL BE UTILIZED AS EXISTING FIELD CONDITIONS NECESSITATE.
- SODDING, SALT TOLERANT AND TOPSOIL FURNISH AND PLACE. 4" IS ESTIMATED TO BE WITHIN 2' OF THE REMOVAL OR PLACEMENT OF CURB AND SIDEWALK UNLESS OTHERWISE INDICATED.
- INLET FILTERS SHALL BE PLACED IN ALL OPEN FRAME STRUCTURES WITHIN THE PAVEMENT AND CURB.
- CONTRACTOR SHALL TAKE PRECAUTION BY PRESERVING EXISTING TREES WITHIN THE RIGHT OF WAY. IF ANY DAMAGE OCCURS, TREES SHALL BE REPLACED IN KIND PER ARTICLE 201.07. REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL REQUIREMENTS STATED HEREIN.

FILE NAME = F:\AG36-108 Illinois Ave Resurfacing and MUP Phase I & II\CADD Sheets\02_General Notes (Phase II)\AG36-108_SHT_GEN NOTES.dgn

	USER NAME = jthede	DESIGNED - MRQ	REVISED -	<h3>VILLAGE OF PALATINE</h3>	ILLINOIS AVENUE PHASE II				F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000' / in.	CHECKED - JLT	REVISED -		REVISED -	INDEX OF SHEETS, HIGHWAY STANDARDS, GEN. NOTES & COMMITMENTS				4480	22-00112-00-RS	COOK	80
PLOT DATE = 11/21/2023	DATE - 10/02/2023	REVISED -	REVISED -	SCALE: SHEET 1 OF 1 SHEETS STA. N/A TO STA. N/A				CONTRACT NO. 61K08					
													ILLINOIS

FILE NAME = F:\AG35-108 Illinois Ave Resurfacing and MJP Phase I & II\CADD Sheets\03_500\636-108_SHT_500.dgn

SUMMARY OF QUANTITIES				CONSTRUCTION CODE	
				STU 80% FED 20% LOCAL	STU 80% FED 20% LOCAL
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0005	TRAINEES 0042
20101000	TEMPORARY FENCE	FOOT	1,758	1,758	
# 20101200	TREE ROOT PRUNING	EACH	8	8	
# 20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	8	8	
20101700	SUPPLEMENTAL WATERING	UNIT	349	349	
20200100	EARTH EXCAVATION	CU YD	792	792	
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	669	669	
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	6,976	6,976	
# 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	86	86	
# 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	86	86	
# 25200110	SODDING, SALT TOLERANT	SQ YD	6,976	6,976	
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	86	86	
28000305	TEMPORARY DITCH CHECKS	FOOT	50	50	
28000400	PERIMETER EROSION BARRIER	FOOT	4,542	4,542	
28000510	INLET FILTERS	EACH	63	63	
28001100	TEMPORARY EROSION CONTROL BLANKET	SQ YD	6,976	6,976	
35101600	AGGREGATE BASE COURSE, TYPE B 4"	SQ YD	652	652	
35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	4,717	4,717	
35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	103	103	
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	136	136	
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	12,735	12,735	

SPECIALTY ITEM



USER NAME = jthede	DESIGNED - MRQ	REVISED -
	DRAWN - YC	REVISED -
PLOT SCALE = 100.0000 / in.	CHECKED - JLT	REVISED -
PLOT DATE = 11/21/2023	DATE - 10/02/2023	REVISED -

VILLAGE OF PALATINE

ILLINOIS AVENUE PHASE II
SUMMARY OF QUANTITIES

SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4480	22-00112-00-RS	COOK	80	3
			CONTRACT NO. 61K08	
ILLINOIS				

FILE NAME = F:\AG36-108 Illinois Ave Resurfacing and MUP Phase I & II\CADD Sheets\03-500\636-108-SHT_500.dgn

SUMMARY OF QUANTITIES				CONSTRUCTION CODE	
				STU 80% FED 20% LOCAL	STU 80% FED 20% LOCAL
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY 0005	TRAINEES 0042
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	14,192	14,192	
40602985	HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70	TON	1,766	1,766	
40600370	LONGITUDINAL JOINT SEALANT	FOOT	5,902	5,902	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	69	69	
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	33	33	
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	819	819	
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	1,766	1,766	
42300100	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 5 INCH	SQ YD	289	289	
42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	SQ YD	117	117	
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	5,872	5,872	
42400800	DETECTABLE WARNINGS	SQ FT	464	464	
44000100	PAVEMENT REMOVAL	SQ YD	1,039	1,039	
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	20,956	20,956	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	402	402	
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	3,000	3,000	
44000600	SIDEWALK REMOVAL	SQ FT	27,467	27,467	
44201725	CLASS D PATCHES, TYPE I, 7 INCH	SQ YD	524	524	
44201729	CLASS D PATCHES, TYPE II, 7 INCH	SQ YD	524	524	
44201733	CLASS D PATCHES, TYPE III, 7 INCH	SQ YD	524	524	
44201735	CLASS D PATCHES, TYPE IV, 7 INCH	SQ YD	524	524	

SPECIALTY ITEM



USER NAME = jthede	DESIGNED - MRQ	REVISED -
	DRAWN - YC	REVISED -
PLOT SCALE = 100.0000 1/in.	CHECKED - JLT	REVISED -
PLOT DATE = 11/21/2023	DATE - 10/02/2023	REVISED -

VILLAGE OF PALATINE

ILLINOIS AVENUE PHASE II
SUMMARY OF QUANTITIES

SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4480	22-00112-00-RS	COOK	80	4
			CONTRACT NO. 61K08	
ILLINOIS				

FILE NAME = F:\AG35-108 Illinois Ave Resurfacing and MJP Phase I & II\CADD Sheets\03_500\636-108_SHT_500.dgn

SUMMARY OF QUANTITIES				CONSTRUCTION CODE	
				STU 80% FED 20% LOCAL	STU 80% FED 20% LOCAL
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	TRAINEES
				0005	0042
48301000	PROTECTIVE COAT	SQ YD	1,822	1,822	
56400300	FIRE HYDRANTS TO BE ADJUSTED	EACH	2	2	
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	3,000	3,000	
67100100	MOBILIZATION	L SUM	1	1	
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1	
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1	
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1	
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1	
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1	
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1	
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	240	240	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	15,000	15,000	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	7,500	7,500	
# 72000100	SIGN PANEL - TYPE 1	SQ FT	3	3	
# 72900100	METAL POST - TYPE A	FOOT	25	25	
# 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	399	399	
# 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	6,517	6,517	
# 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	8,359	8,359	
# 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	72	72	
# 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	302	302	

SPECIALTY ITEM



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	DRAWN - YC	REVISED -
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VILLAGE OF PALATINE

ILLINOIS AVENUE PHASE II
SUMMARY OF QUANTITIES

SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4480	22-00112-00-RS	COOK	80	5
			CONTRACT NO. 61K08	
ILLINOIS				

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SUMMARY OF QUANTITIES				CONSTRUCTION CODE	
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	STU 80% FED 20% LOCAL	STU 80% FED 20% LOCAL
				ROADWAY 0005	TRAINEES 0042
# 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	79	79	
# 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	35	35	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	35	35	
78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	7,500	7,500	
# 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2	2	
# 88600100	DETECTOR LOOP, TYPE I	FOOT	180	180	
# X8860105	DETECTOR LOOP REPLACEMENT	FOOT	300	300	
# K0026850	PERENNIAL PLANT CARE	SQ YD	12	12	
# K0036120	MULCH PLACEMENT 4"	SQ YD	50	50	
X0326806	WASHOUT BASIN	L SUM	1	1	
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	57	57	
X6026050	SANITARY MANHOLES TO BE ADJUSTED	EACH	6	6	
Z0013796	SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE	SQ YD	28	28	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	51	51	
Z0051500	REMOVING AND RESETTING STREET SIGNS	EACH	5	5	
Z0076600	TRAINEES	HOUR	500		500
Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500		500
XX009224	CLASS D PATCHES, SPECIAL	SQ YD	85	85	

SPECIALTY ITEM



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VILLAGE OF PALATINE

ILLINOIS AVENUE PHASE II
SUMMARY OF QUANTITIES

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4480	22-00112-00-RS	COOK	80	6
			CONTRACT NO. 61K08	
ILLINOIS				

STATION	STATION	HOT-MIX ASPHALT SURFACE REMOVAL, 3" (SQ YD)	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT (SQ YD)	DRIVEWAY PAVEMENT REMOVAL (SQ YD)	COMBINATION CURB AND GUTTER REMOVAL (FOOT)	PAVEMENT REMOVAL (SQ YD)	SIDEWALK REMOVAL (SQ FT)
8+50	14+50	1,997	43	0	319	290	3254
14+50	20+50	2,245	0	0	265	569	2665
20+50	26+50	2,444	0	0	241	180	2743
26+50	32+50	2,421	0	0	95	0	3074
32+50	38+50	2,420	0	0	159	0	3123
38+50	44+50	2314	0	81	66	0	2820
44+50	50+50	2368	0	39	161	0	4625
50+50	56+50	2603	0	0	156	0	4457
56+50	62+50	2143	26	0	0	0	0
ADDITIONAL QUANTITY TO BE USED AT ENGINEERS DISCRETION		0	0	282	1538	0	706
TOTAL		20,955	69	402	3,000	1,039	27,467

SANITARY MANHOLE TO BE ADJUSTED		
STATION	OFFSET	QUANTITY (EACH)
32+19.79	38.48' RT	1
38+94.78	40.89' RT	1
41+44.51	41.27' RT	1
46+07.77	24.14' RT	1
47+64.31	41.21' RT	1
55+25.16	33.31' RT	1
TOTAL		6

STATION	STATION	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5 MIX "D", N70, 1-1/2" (TON)	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5 MIX "D", N50, 3" (TON)	HOT-MIX ASPHALT BINDER COURSE, IL-9.5, 70 (TON)	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12 (FOOT)	BITUMINOUS MATERIALS (TRACK COAT) (POUND)	BITUMINOUS MATERIALS (PRIME COAT) (POUND)	PROTECTIVE COAT (SQ YD)	LONGITUDINAL JOINT SEALANT (FOOT)	AGGREGATE BASE COURSE, TYPE B, 4 INCH (SQ YD)	AGGREGATE BASE COURSE, TYPE B, 6 INCH (SQ YD)	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH (SQ FT)
8+50	14+50	171	91	171	319	1377	1461	123	670	54	541	482
14+50	20+50	189	112	189	265	1515	1,807	60	600	0	669	0
20+50	26+50	205	102	205	241	1650	1,633	104	600	50	605	450
26+50	32+50	203	103	203	95	1634	1660	99	600	96	615	699
32+50	38+50	203	86	203	159	1,633	1,378	193	600	171	511	1,435
38+50	44+50	194	102	194	66	1562	1642	119	600	24	608	215
44+50	50+50	200	145	200	161	1599	1907	40	600	24	706	38
50+50	56+50	219	78	219	153	1757	1247	188	600	181	462	1377
56+50	62+50	182	0	182	0	1465	0	0	1032	0	0	0
ADDITIONAL QUANTITY TO BE USED AT ENGINEERS DISCRETION		0	0	0	1541	0	0	896	0	52	0	1176
TOTAL		1766	819	1766	3000	14192	12735	1822	5902	652	4717	5872

FIRE HYDRANT TO BE ADJUSTED		
STATION	OFFSET	QUANTITY (EACH)
27+69.77	38.77' RT	1
38+67.62	34.56' RT	1
TOTAL		2

FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)		
STATION	OFFSET	QUANTITY (EACH)
9+77.83	42.26' RT	1
11+23.54	41.89' RT	1
11+46	17.58' LT	1
13+85	15.00' RT	1
13+46.83	17.51' RT	1
14+16	15.44' LT	1
15+16.81	17.86' RT	1
16+74	13.67' LT	1
18+21.98	42.00' RT	1
19+42	13.73' LT	1
21+91.68	17.63' RT	1
22+03.97	24.95' RT	1
22+40	14.76' LT	1
22+60	14.60' LT	1
22+64.18	27.09' RT	1
22+64	14.5' RT	1
22+79	38.30' RT	1
25+25	14.40' LT	1
28+26.62	40.76' RT	1
26+90.84	41.11' RT	1
28+13	13.9' LT	1
28+48	2.06' RT	1
28+81.18	40.04' LT	1
29+01	25.32' LT	1
31+01.50	14.30' LT	1
31+38	13.6' RT	1
35+06	10.00' RT	1
35+86.56	16.75' RT	1
37+15.88	9.64' RT	1

FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)		
STATION	OFFSET	QUANTITY (EACH)
39+14	15.14' RT	1
41+24	12.00' RT	1
42+36.06	32.84' RT	1
42+34	30.32' RT	1
45+09	6.90' LT	1
46+19.50	17.50' RT	1
47+76	12.70' RT	1
48+72.14	29.27' RT	1
48+95.74	28.25' RT	1
50+15	12.42' RT	1
53+18	12.82' RT	1
54+44.24	34.93' RT	1
54+67.85	55.73' RT	1
54+79.55	37.63' RT	1
55+13.89	37.75' RT	1
55+21.34	25.05' LT	1
56+44	13.98' RT	1
56+51.88	18.18' RT	1
57+51.5	13.51' RT	1
58+01.36	13.40' RT	1
58+01.73	27.32' RT	1
58+02.29	18.22' LT	1
58+83	24.30' RT	1
58+88	29.39' RT	1
59+60.39	12.93' LT	1
59+62.82	11.05' RT	1
59+71.53	20.10' LT	1
59+71.78	29.06' RT	1
TOTAL		57

FILE NAME = F:\G36-108 Illinois Ave Resurfacing and MUP Phase I & II\CAD Sheets\04_Schedules\G36-108_SHT_Schedules_01.dgn

	USER NAME = jthede	DESIGNED = MRQ	REVISED =	VILLAGE OF PALATINE	ILLINOIS AVENUE PHASE II SCHEDULE OF QUANTITIES	F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 100.0000' / in.	CHECKED = JLT	REVISED =			4480	22-00112-00-RS	COOK	80	7	
PLOT DATE = 11/21/2023	DATE = 10/02/2023	REVISED =		SCALE:	SHEET 1 OF 6 SHEETS	STA.	TO STA.	CONTRACT NO. 61K08			
						ILLINOIS					

FILE NAME = F:\G36-108 Illinois Ave Resurfacing and MJP Phase I & II\CAD Sheets\04_Schedules\04_Schedules\04_SHT_Schedules_02.dgn

INLET FILTERS		
STATION	OFFSET	QUANTITY (EACH)
11+35	30.7 RT	1
11+40	34.2 RT	1
11+66	17.7 LT	1
11+66	17.4 RT	1
11+75	17.7 LT	1
11+75	17.4 RT	1
13+46	16.6 LT	1
13+46	17.3 RT	1
15+17	16.3 LT	1
16+56	16.5 LT	1
16+56	17.2 RT	1
17+96	16.5 LT	1
17+96	17.2 RT	1
18+02	16.5 LT	1
18+02	17.2 RT	1
18+22	42.0 RT	1
19+54	17.1 RT	1
19+56	16.5 LT	1
21+92	16.8 LT	1
24+31	17.7 RT	1
24+33	17.2 LT	1
25+82	17.6 LT	1
25+82	17.2 RT	1
27+31	16.9 RT	1
27+31	17.6 LT	1
28+27	40.76 RT	1
28+79	27.8 LT	1
28+83	16.9 RT	1
30+29	17.0 LT	1
30+39	16.8 RT	1
31+73	16.7 RT	1
31+73	17.1 LT	1
31+83	16.7 RT	1
31+83	17.1 LT	1
33+32	16.8 RT	1
33+34	17.3 LT	1
37+22	17.4 LT	1
37+65	29.9 RT	1
38+90	16.5 RT	1
38+90	17.6 LT	1
40+35	16.6 RT	1
40+35	17.9 LT	1
41+86	16.6 RT	1
41+86	18.2 LT	1
42+71	18.3 LT	1
43+34	16.8 RT	1
44+59	16.9 RT	1
44+59	18.5 LT	1
46+19	17.0 RT	1
46+19	18.4 LT	1
47+83	17.1 RT	1
47+83	18.4 LT	1
47+93	17.1 RT	1
47+93	18.5 LT	1
48+73	17.1 RT	1
50+22	17.2 RT	1
50+22	18.3 LT	1
51+73	17.2 RT	1
51+73	17.4 LT	1
53+25	17.3 RT	1
53+25	16.9 LT	1
54+52	17.40 LT	1
56+52	17.4 LT	1
TOTAL		63

THERMOPLASTIC PAVEMENT MARKING - LINE 4"			
STATION	STATION	TYPE	LENGTH (FOOT)
8+50	14+50	DOUBLE YELLOW	1288
14+50	20+50	DOUBLE YELLOW	1200
20+50	26+50	DOUBLE YELLOW	296
20+50	26+50	SKIP DASH YELLOW	92
26+50	32+50	SKIP DASH YELLOW	150
32+50	38+50	SKIP DASH YELLOW	126
38+50	44+50	SKIP DASH YELLOW	150
44+50	50+50	SKIP DASH YELLOW	150
44+50	50+50	CROSSHATCH WHITE	1104
50+50	56+50	SKIP DASH YELLOW	102
50+50	56+50	DOUBLE YELLOW	366
56+50	62+50	DOUBLE YELLOW	1494
TOTAL			6518

THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS		
STATION	STATION	AREA (SQ FT)
8+50	14+50	36.6
14+50	20+50	23
20+50	26+50	46
26+50	32+50	23
32+50	38+50	57.5
38+50	44+50	11.5
44+50	50+50	57.5
50+50	56+50	11.5
56+50	62+50	132.8
TOTAL		399.4

THERMOPLASTIC PAVEMENT MARKING - LINE 6"			
STATION	STATION	TYPE	LENGTH (FOOT)
8+50	14+50	CROSSWALK	117
8+50	14+50	SOLID	152
8+50	14+50	2/6" DASH	19
14+50	20+50	SOLID	1200
20+50	26+50	SOLID	1,029
20+50	26+50	CROSSWALK	73
26+50	32+50	SOLID	1032
26+50	32+50	CROSSWALK	51
32+50	38+50	SOLID	901
32+50	38+50	CROSSWALK	54
38+50	44+50	SOLID	1200
44+50	50+50	SOLID	912
50+50	56+50	SOLID	938
56+50	62+50	SOLID	607
56+50	62+50	2/6" DASH	74
TOTAL			8359

DETECTABLE WARNINGS		
STATION	STATION	QUANTITY (SQ FT)
8+50	14+50	40
20+50	26+50	62
26+50	32+50	81
32+50	38+50	123
38+50	44+50	40
50+50	56+50	118
TOTAL		464

THERMOPLASTIC PAVEMENT MARKING - LINE 12"			
STATION	STATION	TYPE	LENGTH (FOOT)
8+50	14+50	SOLID YELLOW	58
26+50	32+50	CROSSWALK	72
50+50	56+50	SOLID YELLOW	10
56+50	62+50	SOLID YELLOW	162
TOTAL			302

THERMOPLASTIC PAVEMENT MARKING - LINE 8"			
STATION	STATION	TYPE	LENGTH (FOOT)
44+50	50+50	PARALLEL	72
TOTAL			72

THERMOPLASTIC PAVEMENT MARKING - LINE 24"			
STATION	STATION	TYPE	LENGTH (FOOT)
8+50	14+50	STOP BAR	29
26+50	32+50	STOP BAR	12
32+50	38+50	STOP BAR	12
50+50	56+50	STOP BAR	26
TOTAL			79

STATION	STATION	CLASS D PATCHES, TYPE I, 7 INCH (SQ YD)	CLASS D PATCHES, TYPE II, 7 INCH (SQ YD)	CLASS D PATCHES, TYPE III, 7 INCH (SQ YD)	CLASS D PATCHES, TYPE IV, 7 INCH (SQ YD)	CLASS D PATCHES, SPECIAL, 7 INCH (SQ YD)
8+50	14+50		0	0	0	16
14+50	20+50	0	0	0	0	0
20+50	26+50	0	14	0	0	0
26+50	32+50	14	0	0	0	8
32+50	38+50	0	10	0	0	30
38+50	44+50	0	0	0	0	0
44+50	50+50	0	0	0	0	0
50+50	56+50	0	42	0	0	0
56+50	62+50	0	0	0	0	0
ADDITIONAL QUANTITY TO BE USED AT ENGINEERS DISCRETION		510	458	524	524	31
TOTAL		524.0	524.0	524.0	524.0	85.0

FILE NAME = F:\636108 Illinois Ave Resurfacing and MUP Phase I & II\CADD Sheets\04_Schedules\036-108_SHT_Schedules_03.dgn

ILLINOIS AVENUE MULTI-USE PATH EARTHWORK QUANTITIES					
CUT					
STATION	CUT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
100+00	0.0	0.00	50.00	0.00	0.00
100+50	0.0	1.64	50.00	81.76	3.03
101+00	3.3	3.59	50.00	179.66	6.65
101+50	3.9	4.23	50.00	211.38	7.83
102+00	4.5	3.78	50.00	189.22	7.01
102+50	3.0	3.13	50.00	156.67	5.80
103+00	3.2	3.06	50.00	153.22	5.67
103+50	2.9	2.75	50.00	137.27	5.08
104+00	2.6	2.97	50.00	148.67	5.51
104+50	3.3	3.80	50.00	190.18	7.04
105+00	4.3	4.16	50.00	207.89	7.70
105+50	4.1	4.42	50.00	220.85	8.18
106+00	4.8	3.90	50.00	194.99	7.22
106+50	3.0	3.40	50.00	169.97	6.30
107+00	3.8	2.99	50.00	149.30	5.53
107+50	2.2	2.43	50.00	121.27	4.49
108+00	2.7	3.00	50.00	149.98	5.55
108+50	3.3	3.21	50.00	160.57	5.95
109+00	3.1	3.29	50.00	164.37	6.09
109+50	3.5	4.80	50.00	239.89	8.88
110+00	6.1	6.55	50.00	327.35	12.12
110+50	7.0	6.59	50.00	329.29	12.20
111+00	6.2	5.81	50.00	290.40	10.76
111+50	5.4	6.38	50.00	319.04	11.82
112+00	7.3	6.49	50.00	324.63	12.02
112+50	5.7	4.89	50.00	244.33	9.05
113+00	4.1	2.06	50.00	102.78	3.81
113+50	0.0	2.36	50.00	117.79	4.36
114+00	4.7	4.59	50.00	229.48	8.50
114+50	4.5	4.17	50.00	208.48	7.72

ILLINOIS AVENUE MULTI-USE PATH EARTHWORK QUANTITIES					
FILL					
STATION	FILL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
100+00	0.0	0.00	50.00	0.00	0.00
100+50	0.0	0.00	50.00	0.00	0.00
101+00	0.0	0.00	50.00	0.00	0.00
101+50	0.0	0.00	50.00	0.00	0.00
102+00	0.0	0.01	50.00	0.60	0.02
102+50	0.0	0.01	50.00	0.60	0.02
103+00	0.0	0.00	50.00	0.00	0.00
103+50	0.0	0.00	50.00	0.00	0.00
104+00	0.0	0.00	50.00	0.00	0.00
104+50	0.0	0.00	50.00	0.00	0.00
105+00	0.0	0.00	50.00	0.00	0.00
105+50	0.0	0.00	50.00	0.00	0.00
106+00	0.0	0.00	50.00	0.00	0.00
106+50	0.0	0.00	50.00	0.00	0.00
107+00	0.0	0.00	50.00	0.00	0.00
107+50	0.0	0.08	50.00	4.00	0.15
108+00	0.2	0.08	50.00	4.00	0.15
108+50	0.0	0.08	50.00	4.24	0.16
109+00	0.2	0.27	50.00	13.74	0.51
109+50	0.4	0.23	50.00	11.54	0.43
110+00	0.1	0.04	50.00	2.05	0.08
110+50	0.0	0.00	50.00	0.00	0.00
111+00	0.0	0.00	50.00	0.00	0.00
111+50	0.0	0.00	50.00	0.00	0.00
112+00	0.0	0.00	50.00	0.00	0.00
112+50	0.0	0.00	50.00	0.00	0.00
113+00	0.0	0.00	50.00	0.00	0.00
113+50	0.0	0.00	50.00	0.00	0.00
114+00	0.0	0.00	50.00	0.00	0.00
114+50	0.0	0.00	50.00	0.00	0.00

ILLINOIS AVENUE MULTI-USE PATH EARTHWORK QUANTITIES					
UNSUITABLES					
STATION	UNSUIT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
100+00	0.0	0.00	50.00	0.00	0.00
100+50	0.0	0.83	50.00	41.66	1.54
101+00	1.7	1.87	50.00	93.32	3.46
101+50	2.1	2.09	50.00	104.39	3.87
102+00	2.1	2.10	50.00	105.20	3.90
102+50	2.1	2.63	50.00	131.30	4.86
103+00	3.2	4.80	50.00	239.93	8.89
103+50	6.4	6.71	50.00	335.49	12.43
104+00	7.0	6.20	50.00	309.80	11.47
104+50	5.4	4.21	50.00	210.41	7.79
105+00	3.0	5.60	50.00	280.13	10.38
105+50	8.2	6.06	50.00	302.89	11.22
106+00	3.9	8.24	50.00	411.77	15.25
106+50	12.6	7.50	50.00	375.19	13.90
107+00	2.4	6.24	50.00	312.10	11.56
107+50	10.0	6.69	50.00	334.74	12.40
108+00	3.4	3.33	50.00	166.51	6.17
108+50	3.3	2.82	50.00	140.92	5.22
109+00	2.3	2.69	50.00	134.43	4.98
109+50	3.0	3.17	50.00	158.51	5.87
110+00	3.3	3.48	50.00	174.23	6.45
110+50	3.7	3.90	50.00	194.99	7.22
111+00	4.1	3.99	50.00	199.41	7.39
111+50	3.9	4.10	50.00	204.83	7.59
112+00	4.3	4.25	50.00	212.52	7.87
112+50	4.2	4.22	50.00	210.89	7.81
113+00	4.3	2.14	50.00	106.86	3.96
113+50	0.0	2.25	50.00	112.53	4.17
114+00	4.5	3.77	50.00	188.30	6.97
114+50	3.0	2.85	50.00	142.29	5.27



USER NAME = jthede	DESIGNED - MRQ	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - YC	REVISED -
PLOT DATE = 11/21/2023	CHECKED - JLT	REVISED -
	DATE - 10/02/2023	REVISED -

VILLAGE OF PALATINE

ILLINOIS AVENUE PHASE II
SCHEDULE OF QUANTITIES

SCALE: SHEET 3 OF 6 SHEETS STA. TO STA.

F.A.U. RTE. 4480	SECTION 22-00112-00-RS	COUNTY COOK	TOTAL SHEETS 80	SHEET NO. 9
CONTRACT NO. 61K08				

FILE NAME = F:\636108 Illinois Ave Resurfacing and MUP Phase I & II\CADD Sheets\04_Schedules\036-108_SHT_Schedules_04.dgn

ILLINOIS AVENUE MULTI-USE PATH EARTHWORK QUANTITIES					
CUT					
STATION	CUT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
115+00	3.9				
		3.71	50.00	185.50	6.87
115+50	3.5				
		4.52	50.00	226.06	8.37
116+00	5.5				
		5.60	50.00	280.17	10.38
116+50	5.7				
		5.61	50.00	280.71	10.40
117+00	5.5				
		4.22	50.00	211.02	7.82
117+50	2.9				
		1.71	50.00	85.33	3.16
118+00	0.5				
		0.83	50.00	41.75	1.55
118+50	1.2				
		1.38	50.00	69.07	2.56
119+00	1.6				
		1.91	50.00	95.36	3.53
119+50	2.2				
		1.81	50.00	90.45	3.35
120+00	1.4				
		2.44	50.00	121.98	4.52
120+50	3.5				
		1.75	50.00	87.38	3.24
121+00	0.0				
		1.68	50.00	84.02	3.11
121+50	3.4				
		3.10	50.00	155.16	5.75
122+00	2.8				
		4.25	50.00	212.62	7.87
122+50	5.7				
		4.59	50.00	229.28	8.49
123+00	3.5				
		3.14	50.00	156.75	5.81
123+50	2.8				
		5.55	50.00	277.40	10.27
124+00	8.3				
		8.59	50.00	429.29	15.90
124+50	8.8				
		9.34	50.00	466.80	17.29
125+00	9.8				
		7.88	50.00	394.20	14.60
125+50	5.9				
		3.70	50.00	184.94	6.85
126+00	1.5				
		0.73	50.00	36.69	1.36
126+50	0.0				
		0.82	50.00	40.84	1.51
127+00	1.6				
		3.27	50.00	163.61	6.06
127+50	4.9				
		5.91	50.00	295.52	10.95
128+00	6.9				
		5.51	50.00	275.29	10.20
128+50	4.1				
		2.05	50.00	102.54	3.80
129+00	0.0				
		2.59	50.00	129.31	4.79

ILLINOIS AVENUE MULTI-USE PATH EARTHWORK QUANTITIES					
FILL					
STATION	FILL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
115+00	0.0				
		0.00	50.00	0.00	0.00
115+50	0.0				
		0.00	50.00	0.00	0.00
116+00	0.0				
		0.00	50.00	0.00	0.00
116+50	0.0				
		0.00	50.00	0.00	0.00
117+00	0.0				
		0.00	50.00	0.00	0.00
117+50	0.0				
		3.89	50.00	194.46	7.20
118+00	7.8				
		8.74	50.00	437.03	16.19
118+50	9.7				
		11.22	50.00	561.09	20.78
119+00	12.7				
		8.99	50.00	449.51	16.65
119+50	5.2				
		3.17	50.00	158.55	5.87
120+00	1.1				
		0.55	50.00	27.55	1.02
120+50	0.0				
		0.00	50.00	0.00	0.00
121+00	0.0				
		0.00	50.00	0.00	0.00
121+50	0.0				
		0.07	50.00	3.37	0.12
122+00	0.1				
		0.07	50.00	3.37	0.12
122+50	0.0				
		0.00	50.00	0.00	0.00
123+00	0.0				
		0.00	50.00	0.00	0.00
123+50	0.0				
		0.00	50.00	0.00	0.00
124+00	0.0				
		0.00	50.00	0.00	0.00
124+50	0.0				
		0.15	50.00	7.74	0.29
125+00	0.3				
		0.16	50.00	8.11	0.30
125+50	0.0				
		0.01	50.00	0.61	0.02
126+00	0.0				
		0.00	50.00	0.24	0.01
126+50	0.0				
		0.00	50.00	0.00	0.00
127+00	0.0				
		0.00	50.00	0.00	0.00
127+50	0.0				
		0.00	50.00	0.00	0.00
128+00	0.0				
		0.00	50.00	0.00	0.00
128+50	0.0				
		0.00	50.00	0.00	0.00
129+00	0.0				
		0.00	50.00	0.00	0.00

ILLINOIS AVENUE MULTI-USE PATH EARTHWORK QUANTITIES					
UNSUITABLES					
STATION	UNSUIT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
115+00	2.7				
		2.69	50.00	134.25	4.97
115+50	2.7				
		2.98	50.00	149.14	5.52
116+00	3.3				
		3.19	50.00	159.46	5.91
116+50	3.1				
		3.10	50.00	155.05	5.74
117+00	3.1				
		3.68	50.00	184.23	6.82
117+50	4.3				
		6.11	50.00	305.43	11.31
118+00	7.9				
		8.40	50.00	419.91	15.55
118+50	8.9				
		8.83	50.00	441.51	16.35
119+00	8.8				
		8.73	50.00	436.44	16.16
119+50	8.7				
		6.70	50.00	334.81	12.40
120+00	4.7				
		3.96	50.00	197.98	7.33
120+50	3.2				
		1.60	50.00	79.81	2.96
121+00	0.0				
		1.55	50.00	77.68	2.88
121+50	3.1				
		3.07	50.00	153.26	5.68
122+00	3.0				
		3.55	50.00	177.25	6.56
122+50	4.1				
		3.56	50.00	178.18	6.60
123+00	3.1				
		3.08	50.00	153.93	5.70
123+50	3.1				
		3.66	50.00	183.18	6.78
124+00	4.2				
		5.39	50.00	269.48	9.98
124+50	6.5				
		7.01	50.00	350.45	12.98
125+00	7.5				
		6.31	50.00	315.73	11.69
125+50	5.2				
		3.81	50.00	190.28	7.05
126+00	2.5				
		1.23	50.00	61.28	2.27
126+50	0.0				
		1.14	50.00	57.22	2.12
127+00	2.3				
		2.70	50.00	134.82	4.99
127+50	3.1				
		7.92	50.00	396.13	14.67
128+00	12.7				
		7.66	50.00	382.96	14.18
128+50	2.6				
		1.29	50.00	64.45	2.39
129+00	0.0				
		2.00	50.00	99.80	3.70



USER NAME = jthede	DESIGNED - MRQ	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - YC	REVISED -
PLOT DATE = 11/21/2023	CHECKED - JLT	REVISED -
	DATE - 10/02/2023	REVISED -

VILLAGE OF PALATINE

ILLINOIS AVENUE PHASE II
SCHEDULE OF QUANTITIES

SCALE: SHEET 4 OF 6 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4480	22-00112-00-RS	COOK	80	10
CONTRACT NO. 61K08				
ILLINOIS				

ILLINOIS AVENUE MULTI-USE PATH EARTHWORK QUANTITIES					
CUT					
STATION	CUT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
129+50	5.2				
		4.70	50.00	234.81	8.70
130+00	4.2				
		4.39	50.00	219.35	8.12
130+50	4.6				
		4.26	50.00	213.03	7.89
131+00	4.0				
		4.01	50.00	200.40	7.42
131+50	4.0				
		4.64	50.00	232.03	8.59
132+00	5.2				
		5.03	50.00	251.25	9.31
132+50	4.8				
		3.98	50.00	198.89	7.37
133+00	3.1				
		4.60	50.00	230.16	8.52
133+50	6.1				
		3.47	50.00	173.27	6.42
134+00	0.9				
		1.67	50.00	83.70	3.10
134+50	2.5				
		3.77	50.00	188.49	6.98
135+00	5.1				
		2.53	50.00	126.35	4.68
135+50	0.0				
		2.12	50.00	106.25	3.94
136+00	4.2				
		4.75	50.00	237.58	8.80
136+50	5.3				
		4.85	50.00	242.66	8.99
137+00	4.5				
		5.45	50.00	272.42	10.09
137+50	6.4				
		6.71	50.00	335.49	12.43
138+00	7.0				
		6.20	50.00	309.80	11.47
138+50	5.4				
		5.05	50.00	252.37	9.35
139+00	4.7				
		6.44	50.00	322.08	11.93
139+50	8.2				
		10.73	50.00	536.41	19.87
140+00	13.3				
		12.91	50.00	645.30	23.90
140+50	12.6				
		10.71	50.00	535.50	19.83
141+00	8.9				
		9.45	50.00	472.40	17.50
141+50	10.0				
		9.18	50.00	459.14	17.01
142+00	8.3				
		8.85	50.00	442.57	16.39
142+50	9.4				
		10.64	50.00	532.17	19.71
143+00	11.9				
		13.12	50.00	656.19	24.30
143+50	14.3				
		11.88	50.00	593.88	22.00

ILLINOIS AVENUE MULTI-USE PATH EARTHWORK QUANTITIES					
FILL					
STATION	FILL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
129+50	0.0				
		0.00	50.00	0.00	0.00
130+00	0.0				
		0.00	50.00	0.00	0.00
130+50	0.0				
		0.00	50.00	0.00	0.00
131+00	0.0				
		0.00	50.00	0.00	0.00
131+50	0.0				
		0.00	50.00	0.00	0.00
132+00	0.0				
		0.00	50.00	0.00	0.00
132+50	0.0				
		0.00	50.00	0.00	0.00
133+00	0.0				
		0.00	50.00	0.00	0.00
133+50	0.0				
		0.44	50.00	22.03	0.82
134+00	0.9				
		0.77	50.00	38.37	1.42
134+50	0.7				
		0.33	50.00	16.35	0.61
135+00	0.0				
		0.00	50.00	0.00	0.00
135+50	0.0				
		0.00	50.00	0.00	0.00
136+00	0.0				
		0.00	50.00	0.00	0.00
136+50	0.0				
		0.60	50.00	30.15	1.12
137+00	1.2				
		0.60	50.00	30.15	1.12
137+50	0.0				
		0.00	50.00	0.00	0.00
138+00	0.0				
		0.00	50.00	0.00	0.00
138+50	0.0				
		0.00	50.00	0.00	0.00
139+00	0.0				
		0.00	50.00	0.00	0.00
139+50	0.0				
		0.00	50.00	0.00	0.00
140+00	0.0				
		0.00	50.00	0.00	0.00
140+50	0.0				
		0.00	50.00	0.00	0.00
141+00	0.0				
		0.00	50.00	0.00	0.00
141+50	0.0				
		0.00	50.00	0.00	0.00
142+00	0.0				
		0.00	50.00	0.00	0.00
142+50	0.0				
		0.00	50.00	0.00	0.00
143+00	0.0				
		0.00	50.00	0.00	0.00
143+50	0.0				
		0.00	50.00	0.00	0.00

ILLINOIS AVENUE MULTI-USE PATH EARTHWORK QUANTITIES					
UNSUITABLES					
STATION	UNSUIT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
129+50	4.0				
		3.28	50.00	163.89	6.07
130+00	2.6				
		2.55	50.00	127.75	4.73
130+50	2.5				
		2.51	50.00	125.40	4.64
131+00	2.5				
		2.59	50.00	129.54	4.80
131+50	2.7				
		2.85	50.00	142.61	5.28
132+00	3.0				
		2.88	50.00	144.23	5.34
132+50	2.8				
		3.02	50.00	151.03	5.59
133+00	3.3				
		4.28	50.00	213.98	7.93
133+50	5.3				
		5.26	50.00	263.09	9.74
134+00	5.2				
		5.20	50.00	260.11	9.63
134+50	5.2				
		4.49	50.00	224.73	8.32
135+00	3.8				
		1.91	50.00	95.35	3.53
135+50	0.0				
		1.74	50.00	87.08	3.23
136+00	3.5				
		1.74	50.00	87.08	3.23
136+50	0.0				
		1.28	50.00	63.93	2.37
137+00	2.6				
		2.08	50.00	103.76	3.84
137+50	1.6				
		0.80	50.00	39.84	1.48
138+00	0.0				
		1.62	50.00	80.77	2.99
138+50	3.2				
		2.75	50.00	137.64	5.10
139+00	2.3				
		3.57	50.00	178.45	6.61
139+50	4.9				
		5.64	50.00	282.25	10.45
140+00	6.4				
		6.48	50.00	323.89	12.00
140+50	6.5				
		6.36	50.00	318.11	11.78
141+00	6.2				
		6.21	50.00	310.48	11.50
141+50	6.2				
		5.35	50.00	267.64	9.91
142+00	4.5				
		4.55	50.00	227.49	8.43
142+50	4.6				
		4.84	50.00	242.02	8.96
143+00	5.1				
		5.56	50.00	278.21	10.30
143+50	6.1				
		5.22	50.00	261.11	9.67

FILE NAME = F:\AG36108 Illinois Ave Resurfacing and MUP Phase I & II\CAD Sheets\04_Schedules\036-108_SHT_Schedules_05.dgn

	USER NAME = jthede	DESIGNED - MRQ	REVISED -	<p style="text-align: center;">VILLAGE OF PALATINE</p>	<p style="text-align: center;">ILLINOIS AVENUE PHASE II SCHEDULE OF QUANTITIES</p>	F.A.U. RTE. = 4480	SECTION = 22-00112-00-RS	COUNTY = COOK	TOTAL SHEETS = 80	SHEET NO. = 11
	PLOT SCALE = 100.0000' / in.	CHECKED - JLT	REVISED -			SCALE:	SHEET 5 OF 6 SHEETS	STA.	TO STA.	CONTRACT NO. 61K08
	PLOT DATE = 11/21/2023	DATE = 10/02/2023	REVISED -							ILLINOIS

ILLINOIS AVENUE MULTI-USE PATH EARTHWORK QUANTITIES					
CUT					
STATION	CUT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
144+00	9.4				
		5.97	50.00	298.39	11.05
144+50	2.5				
		4.19	50.00	209.43	7.76
145+00	5.9				
		5.80	50.00	290.05	10.74
145+50	5.7				
		2.87	50.00	143.47	5.31
146+00	0.0				
				TOTAL	791.87

ILLINOIS AVENUE MULTI-USE PATH EARTHWORK QUANTITIES					
FILL					
STATION	FILL (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
144+00	0.0				
		0.00	50.00	0.00	0.00
144+50	0.0				
		0.00	50.00	0.00	0.00
145+00	0.0				
		0.00	50.00	0.00	0.00
145+50	0.0				
		0.00	50.00	0.00	0.00
146+00	0.0				
				TOTAL	75.16

ILLINOIS AVENUE MULTI-USE PATH EARTHWORK QUANTITIES					
UNSUITABLES					
STATION	UNSUIT (SF)	AVERAGE	LENGTH	TOTAL	TOTAL (CY)
144+00	4.4				
		2.94	50.00	147.24	5.45
144+50	1.5				
		2.88	50.00	143.89	5.33
145+00	4.2				
		3.80	50.00	190.10	7.04
145+50	3.4				
		1.68	50.00	83.96	3.11
146+00	0.0				
				TOTAL	664.94

EARTHWORK QUANTITIES SUMMARY TABLE					
LOCATION	EARTH EXCAVATION (CU YD)	ADJUSTED EARTH EXCAVATION (15%) (CU YD)	EMBANKMENT (CU YD)	BALANCE WASTE (+) OR SHORTAGE (-)	UNSUITABLE MATERIAL (CU YD)
ILLINOIS AVENUE MULTI-USE PATH	792	673	75	598	669
UNDERCUTS TO BE USED BY THE ENGINEER					
PROJECT TOTAL	792	673	75	598	669

FILE NAME = F:\636-108 Illinois Ave Resurfacing and MUP Phase I & II\CAD Sheets\04_Schedules\636-108_SHT_Schedules_06.dgn



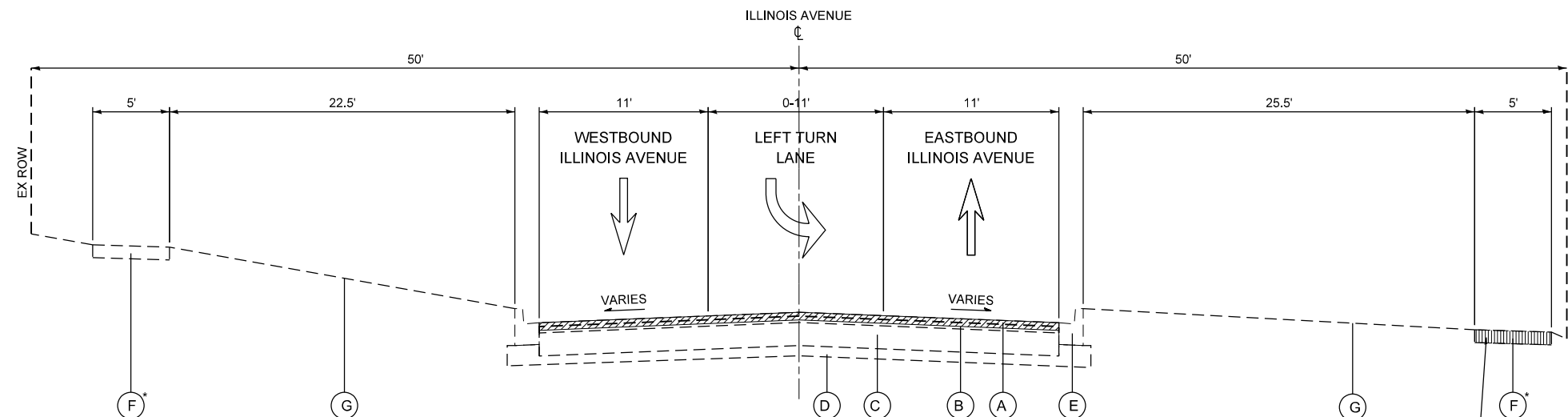
USER NAME = jthede	DESIGNED - MRQ	REVISED -
	DRAWN - YC	REVISED -
PLOT SCALE = 100.0000 / 1 in.	CHECKED - JLT	REVISED -
PLOT DATE = 11/21/2023	DATE - 10/02/2023	REVISED -

VILLAGE OF PALATINE

ILLINOIS AVENUE PHASE II
SCHEDULE OF QUANTITIES

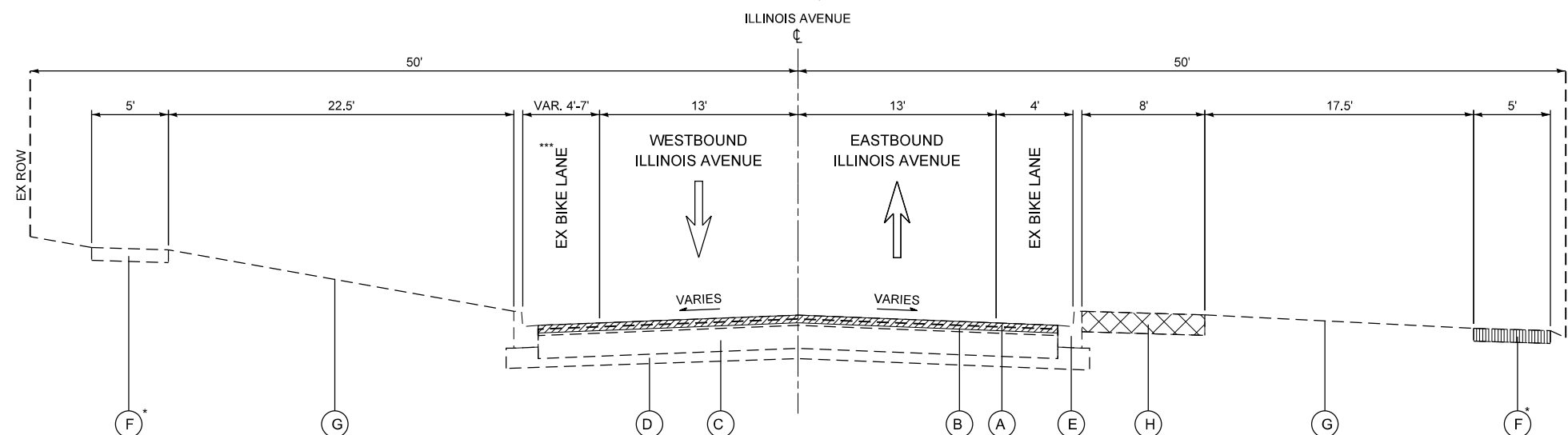
SCALE: SHEET 6 OF 6 SHEETS STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4480	22-00112-00-RS	COOK	80	12
			CONTRACT NO. 61K08	
ILLINOIS				



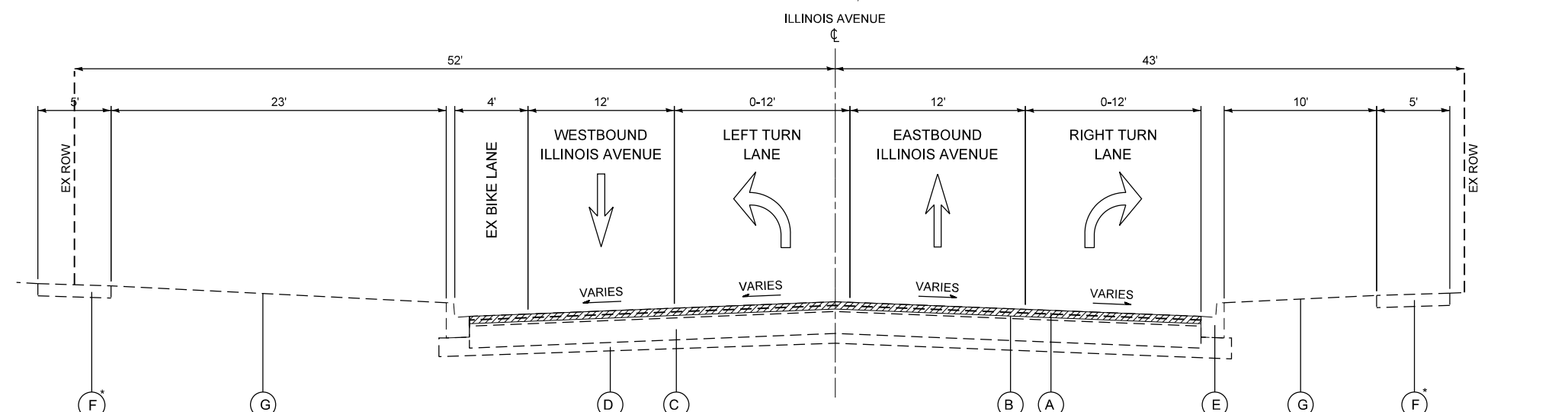
EXISTING TYPICAL SECTION
(QUENTIN ROAD TO GREENLEAF COURT)
 STA 9+46.97 TO 14+00.00, ILLINOIS AVENUE

SIDEWALK REMOVAL FOR PROPOSED 10' MULTI-PATH USE



EXISTING TYPICAL SECTION
(GREENLEAF COURT TO BROCKWAY STREET)
 STA 14+00.00 TO 55+00.00, ILLINOIS AVENUE

*** STA 47+31.27 TO 54+50.85
 ON-STREET PARKING



EXISTING TYPICAL SECTION
(BROCKWAY STREET TO PLUM GROVE ROAD)
 STA 55+00.00 TO 60+73.78, ILLINOIS AVENUE

EXISTING LEGEND

- (A) EX. HOT-MIX ASPHALT SURFACE COURSE (R)
- (B) EX. HOT-MIX ASPHALT BINDER COURSE (R)
- (C) EX. HOT-MIX ASPHALT AGGREGATE MIXTURE BASE COURSE
- (D) EX. AGGREGATE SUBGRADE
- (E) EX. COMB. CONCRETE CURB AND GUTTER, TYPE B-6.12
- (F) EX. PCC SIDEWALK (R)
- (G) EX. TOPSOIL
- (H) EX. 8' PATH, HMA OR PCC, (VARIES), (R)

ITEM WITH (R) ARE TO BE REMOVED AND REPLACED AS SHOWN ON THE TYPICAL SECTIONS AND/OR ON THE PLANS

- HOT-MIX ASPHALT SURFACE REMOVAL, 3"
- PAVEMENT REMOVAL
- SIDEWALK REMOVAL**

* SIDEWALKS WILL BE IDENTIFIED BY THE PLANS OR THE ENGINEER FOR REMOVAL AND REPLACEMENT. EACH PROPOSED SIDEWALK SHALL CONSIST OF AGGREGATE BASE COURSE, TYPE B, 4" AND PCC SIDEWALK, 5".

DRIVEWAYS WILL BE IDENTIFIED BY THE PLANS OR THE ENGINEER AND THE VILLAGE FOR REMOVAL AND REPLACEMENT. EACH PROPOSED DRIVEWAY SHALL CONSIST OF HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 AND HOT-MIX ASPHALT BASE COURSE.

FILE NAME = F:\AG36-108 Illinois Ave Resurfacing and MUP Phase I & II\CAD Sheets\05_Typical Sections\05_Typical Sections.dwg



USER NAME = jthede	DESIGNED - MRQ	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - YC	REVISED -
PLOT DATE = 11/21/2023	CHECKED - JLT	REVISED -
	DATE - 10/02/2023	REVISED -

VILLAGE OF PALATINE

ILLINOIS AVENUE PHASE II
EXISTING TYPICAL SECTIONS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4480	22-00112-00-RS	COOK	80	13
CONTRACT NO. 61K08				

EXISTING LEGEND

- (A) EX. HOT-MIX ASPHALT SURFACE COURSE (R)
- (B) EX. HOT-MIX ASPHALT BINDER COURSE (R)
- (C) EX. HOT-MIX ASPHALT AGGREGATE MIXTURE BASE COURSE
- (D) EX. AGGREGATE SUBGRADE
- (E) EX. COMB. CONCRETE CURB AND GUTTER, TYPE B-6.12
- (F) EX. PCC SIDEWALK (R)
- (G) EX. TOPSOIL
- (H) EX. 8' PATH, BITUMINOUS OR PCC, (VARIES), (R)

PROPOSED LEGEND

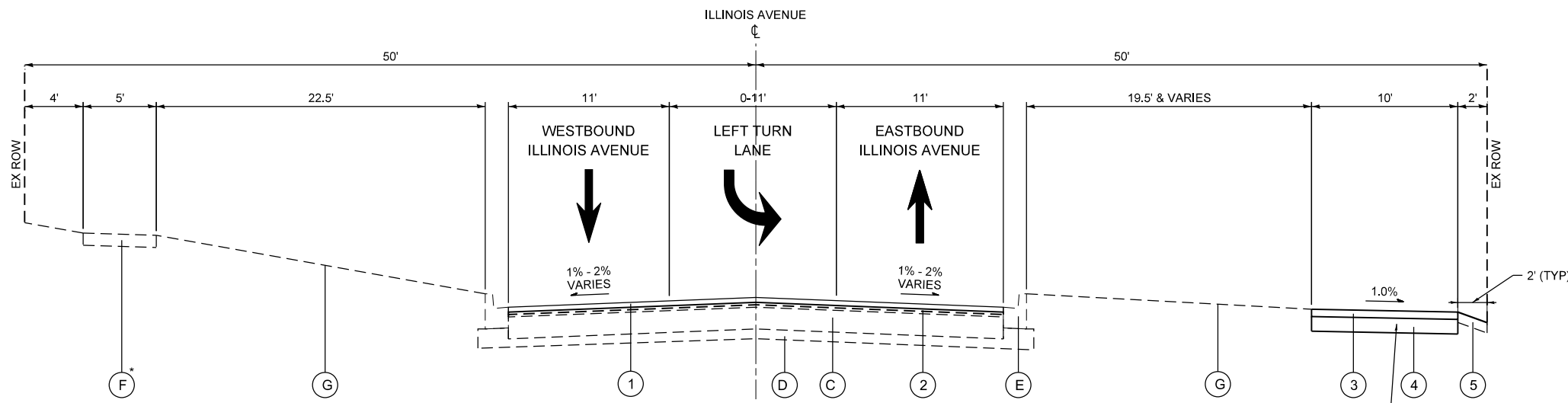
- (1) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N70, 1.5"
- (2) HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70, 1.5"
- (3) HOT-MIX ASPHALT SURFACE COURSE, MIX "D", IL-9.5, N50, 3"
- (4) AGGREGATE BASE COURSE, TYPE B, 6"
- (5) TOPSOIL FURNISH AND PLACE, 4" SODDING, SALT TOLERANT NITROGEN AND POTASSIUM FERTILIZER NUTRIENTS.

* SIDEWALKS WILL BE IDENTIFIED BY THE PLANS OR THE ENGINEER FOR REMOVAL AND REPLACEMENT. EACH PROPOSED SIDEWALK SHALL CONSIST OF AGGREGATE BASE COURSE, TYPE B, 4" AND PCC SIDEWALK, 5".

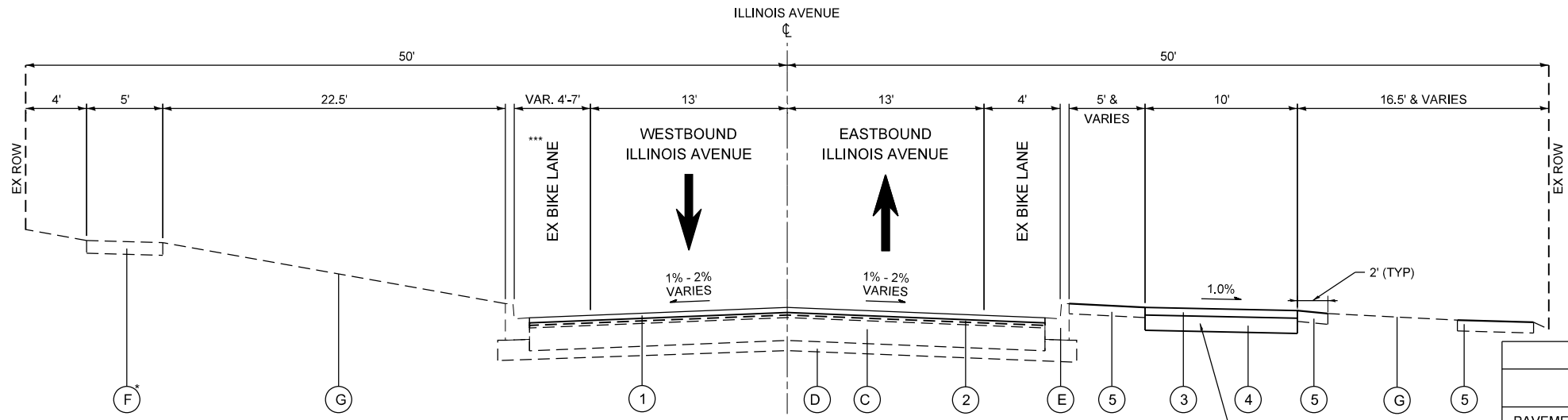
DRIVEWAYS WILL BE IDENTIFIED BY THE PLANS OR THE ENGINEER AND THE VILLAGE FOR REMOVAL AND REPLACEMENT. EACH PROPOSED DRIVEWAY SHALL CONSIST OF HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 AND HOT-MIX ASPHALT BASE COURSE.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS			
MIXTURE TYPE	AIR VOIDS @ Ndes	THICKNESS	QMP
PAVEMENT RESURFACING-EXISTING HMA SECTION			
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 MM)	4% @ 70 GYR	1.5"	LR 1030-2
HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70	4% @ 70 GYR	1.5"	LR 1030-2
PAVEMENT PROPOSED MULTI-PATH HMA SECTION			
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 MM) (2 LIFTS)	4% @ 50 GYR	3.0"	LR 1030-2
PAVEMENT PATCHING			
CLASS D PATCHES, HOT-MIX ASPHALT BINDER (IL 19MM)	4% @ 70 GYR	7.0"	LR 1030-2
CLASS D PATCHES (SPECIAL)	HMA SC, MIX "D", N70 (IL 9.5 MM)	4% @ 70 GYR	2.0"
	HOT-MIX ASPHALT BINDER (IL 19 MM)	4% @ 70 GYR	5.0"
DRIVEWAY RECONSTRUCTION			
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5 MM)	4% @ 50 GYR	2.0"	LR 1030-2
HOT-MIX ASPHALT BASE COURSE, (HMA BINDER IL-19.0)	4% @ 50 GYR	PE: 6" CE: 8"	LR 1030-2
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA) PER LR 1030-2			

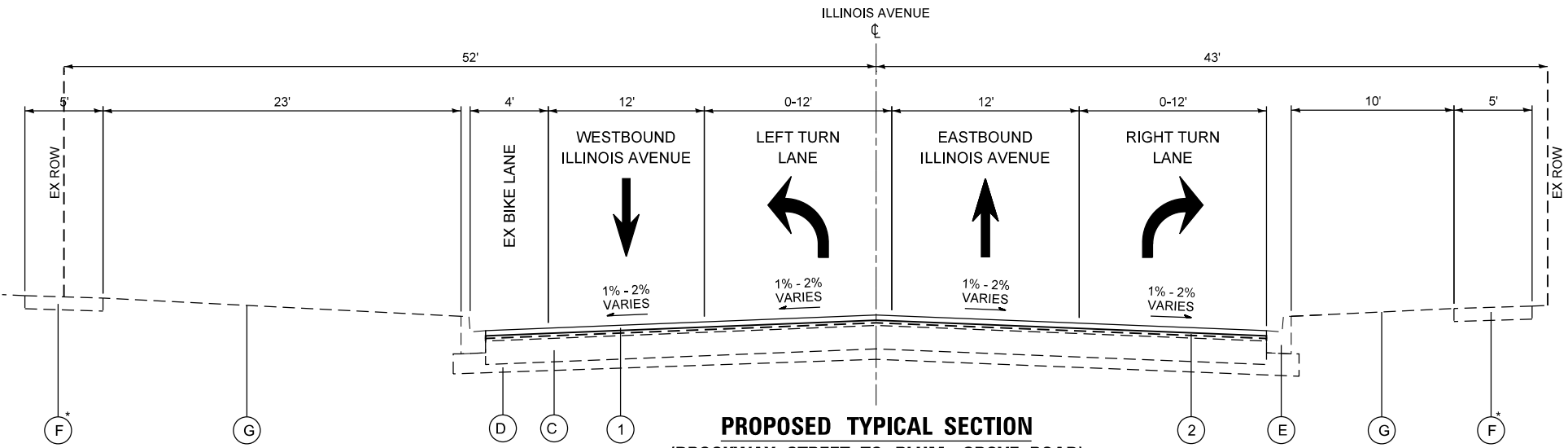
NOTES:
 THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURES IS 112 LBS/SQ YD/IN.
 THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.
 CONTRACTOR SHALL MILL BEFORE PATCHING.
 THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED ON THE HMA BC IL-9.5, N70.



**PROPOSED TYPICAL SECTION
 (QUENTIN ROAD TO GREENLEAF COURT)**
 STA 9+46.97 TO 14+00.00, ILLINOIS AVENUE

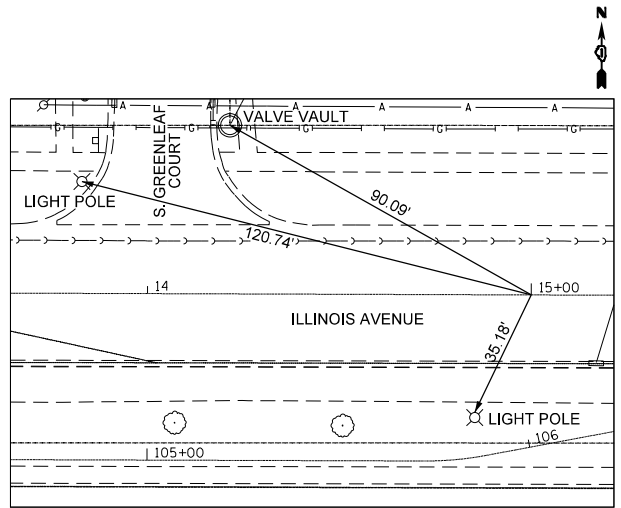
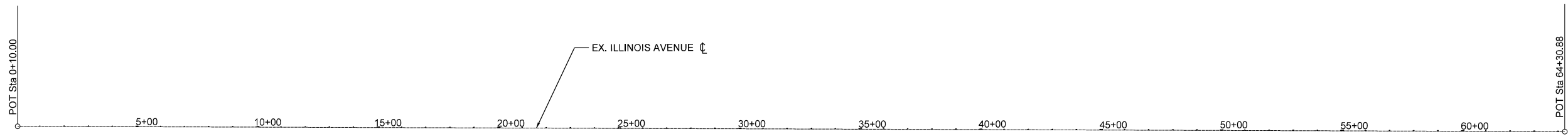


**PROPOSED TYPICAL SECTION
 (GREENLEAF COURT TO BROCKWAY STREET)**
 STA 14+00.00 TO 55+00.00, ILLINOIS AVENUE

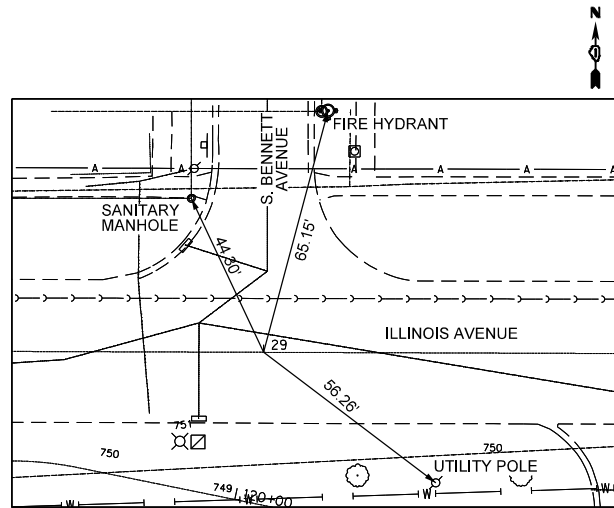


**PROPOSED TYPICAL SECTION
 (BROCKWAY STREET TO PLUM GROVE ROAD)**
 STA 55+00.00 TO 60+73.78, ILLINOIS AVENUE

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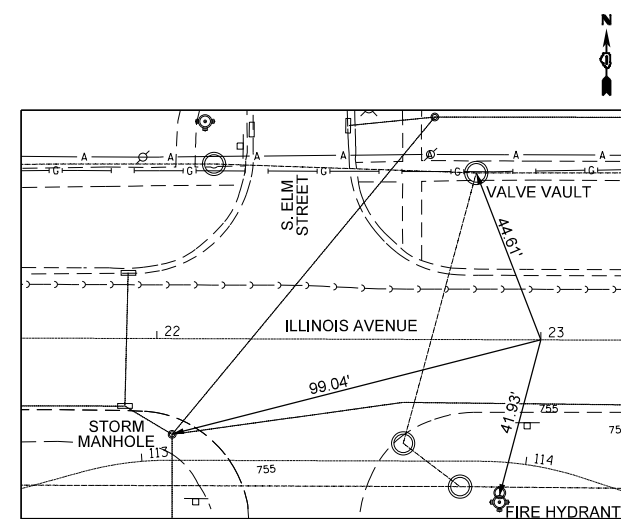


ALIGNMENT TIE (1)
 STA: 15+00
 ILLINOIS AVENUE
 N: 1977656.7352
 E: 1058179.6227

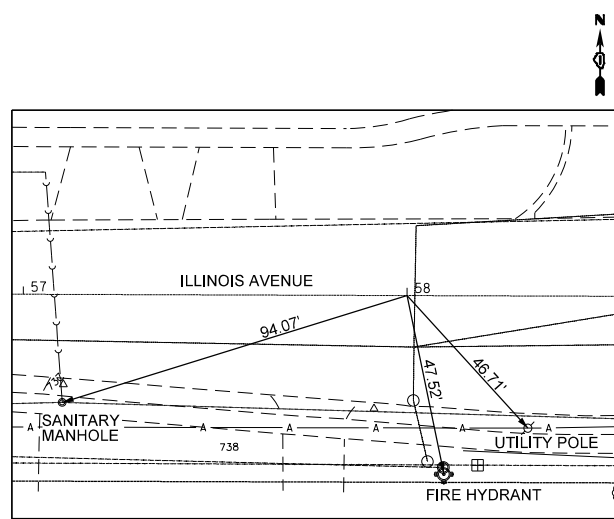


ALIGNMENT TIE (3)
 STA: 29+00
 ILLINOIS AVENUE
 N: 1977651.9157
 E: 1059579.6144

COORDINATE DATA TABLE ILLINOIS AVENUE			
STATION	ELEMENT TYPE	NORTHING	EASTING
0+10.00	POT	1977661.8645	1056689.6316
64+30.88	POT	1977639.7607	1063110.4687



ALIGNMENT TIE (2)
 STA: 23+00
 ILLINOIS AVENUE
 N: 1977653.9812
 E: 1058979.6180



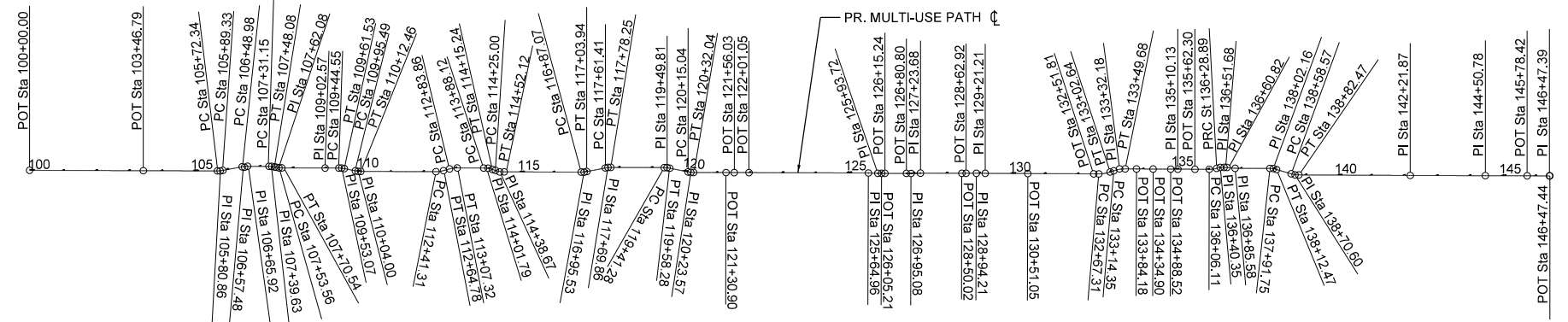
ALIGNMENT TIE (4)
 STA: 58+00
 ILLINOIS AVENUE
 N: 1977641.9325
 E: 1062479.5973

BENCHMARK COORDINATE DATA TABLE						
ROAD	STATION	OFFSET	ELEMENT TYPE	NORTHING	EASTING	ELEVATION
MULTI-USE PATH	100+58.15	2.74' LT	CUT-CROSS IN SIDEWALK	1977617.8789	1057637.6480	761.88
ILLINOIS AVE.	14+74.42	36.60' LT	CUT-CROSS IN SIDEWALK	1977693.4220	1058154.1660	762.45
ILLINOIS AVE.	23+04.80	41.89' LT	CUT-CROSS IN SIDEWALK	1977695.8500	1058984.5580	756.41
ILLINOIS AVE.	29+72.11	41.31' LT	CUT-CROSS IN SIDEWALK	1977692.9790	1059651.8640	751.47
ILLINOIS AVE.	44+06.46	36.68' LT	CUT-CROSS IN SIDEWALK	1977683.4100	1061086.1960	729.47
MULTI-USE PATH	139+16.20	0.39' LT	CUT-CROSS IN SIDEWALK	1977601.5870	1061482.8050	725.80
ILLINOIS AVE.	58+04.52	34.14' RT	CUT-CROSS IN SIDEWALK	1977607.7730	1062483.9990	737.54

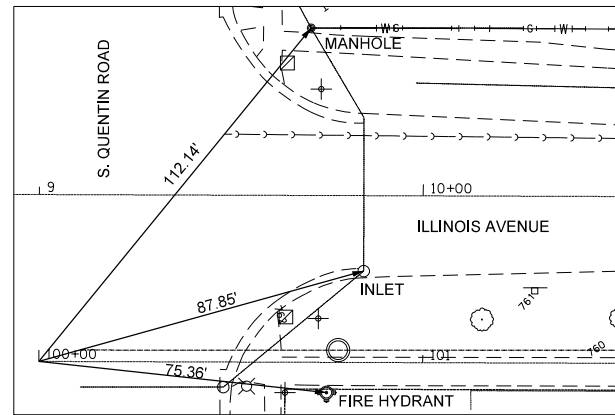
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	USER NAME = jthede	DESIGNED - MRQ	REVISED -	VILLAGE OF PALATINE	ILLINOIS AVENUE PHASE II ALIGNMENT, TIES, AND BENCHMARKS	F.A.U. RTE. = 4480	SECTION = 22-00112-00-RS	COUNTY = COOK	TOTAL SHEETS = 80	SHEET NO. = 15
	PLOT SCALE = 100.0000 1/In.	CHECKED - JLT	REVISIED -			SCALE: SHEET 1 OF 2 SHEETS	STATIONING: STA. N/A TO STA. N/A	CONTRACT NO. 61K08		
	PLOT DATE = 11/21/2023	DATE = 10/02/2023	REVISED -			ILLINOIS				

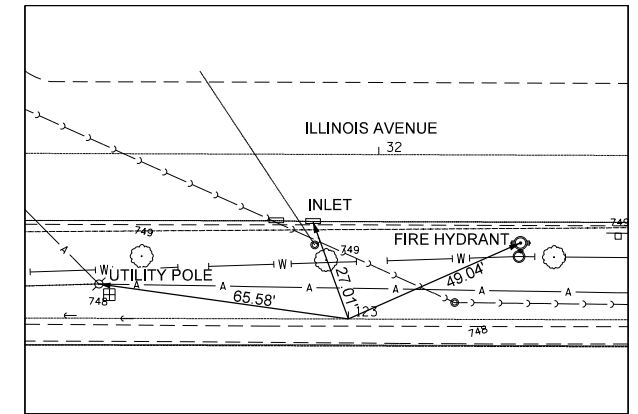
COORDINATE DATA TABLE MULTI-USE PATH			
STATION	ELEMENT TYPE	NORTHING	EASTING
100+00.00	POT	1977615.3282	1057579.4857
103+46.79	POT	1977614.2071	1057926.2704
105+72.34	PC	1977613.4779	1058151.8229
105+80.86	PI	1977613.4503	1058160.3438
105+89.33	PC	1977615.0954	1058168.7045
106+48.98	PC	1977626.0702	1058227.3402
106+57.48	PI	1977627.7044	1058235.6789
106+65.92	PI	1977627.6752	1058244.1763
107+31.15	PC	1977627.4506	1058309.4056
107+39.63	PI	1977627.4214	1058317.8887
107+48.08	PT	1977625.7354	1058326.2025
107+53.56	PC	1977624.6419	1058331.5946
107+62.08	PI	1977622.9228	1058339.9352
107+70.54	PT	1977622.8729	1058348.4510
109+02.57	PI	1977622.4153	1058480.4839
109+44.55	PC	1977622.2796	1058522.4632
109+53.07	PT	1977622.2521	1058530.9791
109+61.53	PT	1977620.5550	1058539.3242
109+95.49	PC	1977613.7876	1058572.6001
110+04.00	PI	1977612.0905	1058580.9451
110+12.46	PT	1977612.0630	1058589.4610
112+41.31	PC	1977611.3231	1058818.3045
112+64.78	PT	1977614.4303	1058841.4922
112+83.86	PC	1977619.5135	1058859.8843
113+07.32	PT	1977622.6206	1058883.0720
113+88.12	PC	1977622.3594	1058963.8649
114+01.79	PI	1977622.3152	1058977.5373
114+15.24	PT	1977618.0330	1058990.5219
114+25.00	PC	1977614.9756	1058999.7928
114+38.67	PI	1977610.6933	1059012.7776
114+52.12	PT	1977610.6492	1059026.4502
116+87.07	PC	1977609.8906	1059261.4060
116+95.53	PI	1977609.8632	1059269.8860
117+03.94	PT	1977611.4850	1059278.1691
117+61.41	PC	1977622.5012	1059334.5721
117+68.86	PI	1977624.1209	1059342.8648
117+78.25	PT	1977624.0957	1059351.3141
119+41.28	PC	1977623.6094	1059514.3428
119+49.81	PI	1977623.5840	1059522.8697
119+58.28	PT	1977621.8846	1059531.2255
120+15.04	PC	1977610.5722	1059586.8497
120+23.57	PI	1977608.8727	1059595.2060
120+32.04	PT	1977608.8474	1059603.7333
121+30.90	POT	1977608.5536	1059702.5917
121+56.03	POT	1977608.4790	1059727.7158
122+01.05	POT	1977608.3452	1059772.7409
125+64.96	PI	1977607.2938	1060136.6493
125+93.72	PI	1977606.1784	1060165.3891
126+05.21	POT	1977606.1443	1060176.8808
126+15.24	POT	1977606.1145	1060186.9060
126+80.80	POT	1977605.9197	1060252.4717
126+95.08	PI	1977605.8772	1060266.7441
127+23.68	PI	1977606.7923	1060295.3344
128+50.02	POT	1977606.4169	1060421.6695
128+62.92	POT	1977606.3785	1060434.5757
128+94.21	PI	1977606.2856	1060465.8585
129+21.21	PI	1977606.2073	1060492.8629



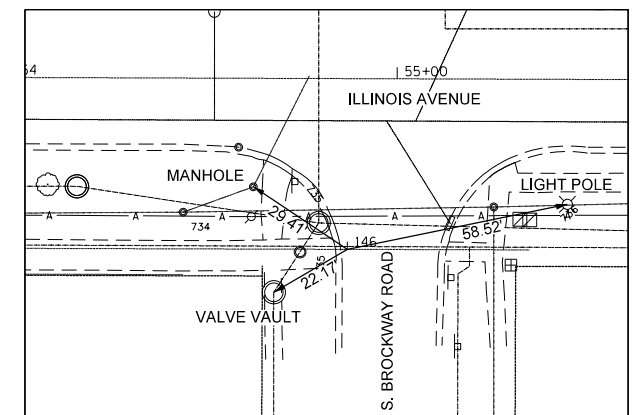
COORDINATE DATA TABLE MULTI-USE PATH			
STATION	ELEMENT TYPE	NORTHING	EASTING
130+51.05	POT	1977605.5507	1060622.7033
132+51.81	POT	1977604.5355	1060823.4620
132+67.31	PC	1977604.4571	1060838.9623
133+02.64	PT	1977610.1674	1060873.6522
133+14.35	PC	1977613.9792	1060884.7318
133+32.18	PI	1977619.7797	1060901.5919
133+49.68	PT	1977619.6896	1060919.4217
133+84.18	POT	1977619.5151	1060953.9250
134+34.90	POT	1977619.2586	1061004.6467
134+88.52	POT	1977618.9878	1061058.2594
135+10.13	PI	1977618.8782	1061079.8682
135+62.30	POT	1977618.6203	1061132.0439
136+06.11	PC	1977618.4037	1061175.8524
136+28.89	PRC	1977621.2924	1061198.3836
136+40.35	PI	1977624.2377	1061209.4568
136+51.68	PI	1977624.1810	1061220.9149
136+60.82	PI	1677624.1358	1061230.0629
136+85.58	PI	1977621.4974	1061254.6754
137+91.75	PC	1977621.1319	1061360.8500
138+02.16	PI	1977620.5954	1061371.2400
138+12.47	PT	1977617.6653	1061381.2228
138+58.57	PC	1977604.7912	1061425.4949
138+70.60	PI	1977601.4325	1061437.0451
138+82.47	PT	1977601.3717	1061449.0735
142+21.87	PI	1977599.6554	1061788.4678
144+50.78	PI	1977598.9752	1062017.3703
145+78.42	POT	1977598.5959	1062145.0109
146+47.39	PI	1977598.3910	1062213.9797
146+47.44	POT	1977598.3908	1062214.0292



ALIGNMENT TIE
STA: 100+00
MULTI-USE PATH
N: 1977615.3282
E: 1057579.4857



ALIGNMENT TIE
STA: 123+00
MULTI-USE PATH
N: 1977608.0512
E: 1059871.6896



ALIGNMENT TIE
STA: 146+00
MULTI-USE PATH
N: 1977598.5318
E: 1062166.5935

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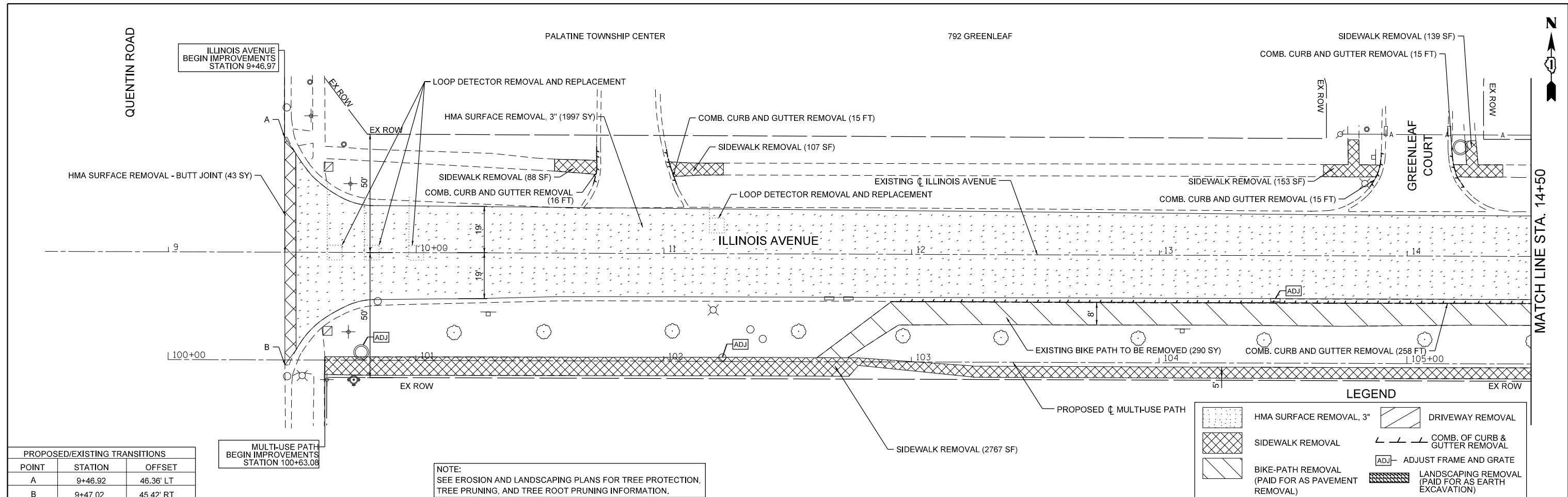
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PLOT DATE = 11/21/2023	CHECKED - JLT	REVISED -
	DATE - 10/02/2023	REVISED -

VILLAGE OF PALATINE

ILLINOIS AVENUE PHASE II
ALIGNMENT, TIES, AND BENCHMARKS

SCALE: SHEET 2 OF 2 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4480	22-00112-00-RS	COOK	80	16
CONTRACT NO. 61K08				



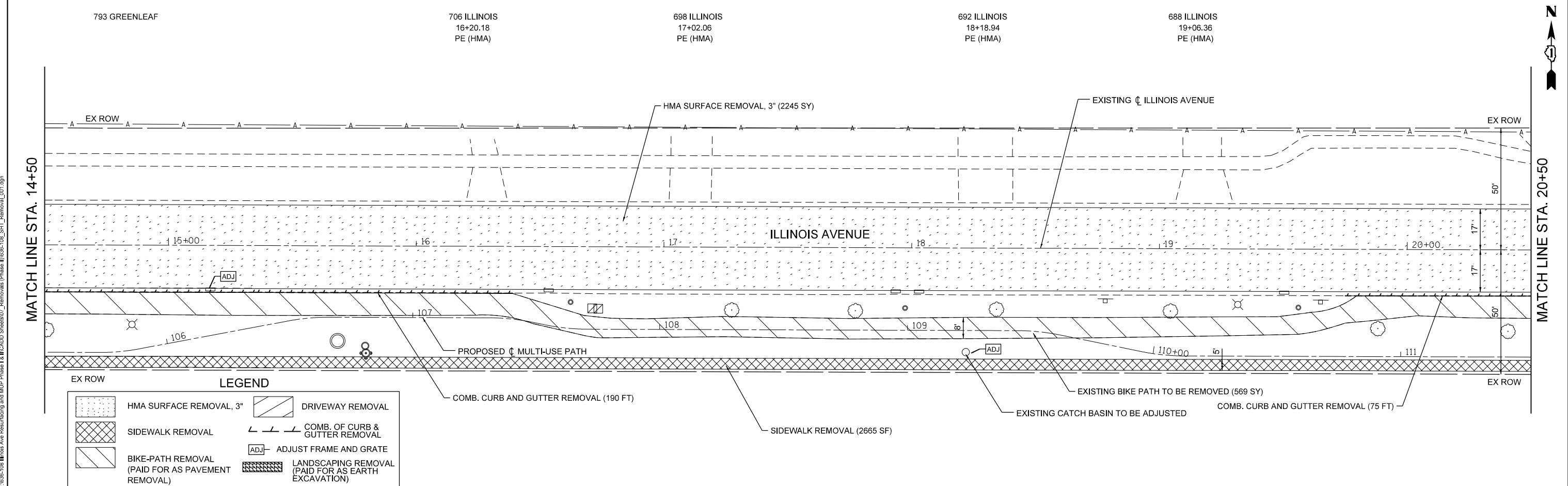
PROPOSED/EXISTING TRANSITIONS		
POINT	STATION	OFFSET
A	9+46.92	46.36' LT
B	9+47.02	45.42' RT

MULTI-USE PATH
BEGIN IMPROVEMENTS
STATION 100+63.08

NOTE:
SEE EROSION AND LANDSCAPING PLANS FOR TREE PROTECTION,
TREE PRUNING, AND TREE ROOT PRUNING INFORMATION.

LEGEND

	HMA SURFACE REMOVAL, 3"		DRIVEWAY REMOVAL
	SIDEWALK REMOVAL		COMB. OF CURB & GUTTER REMOVAL
	BIKE-PATH REMOVAL (PAID FOR AS PAVEMENT REMOVAL)		ADJUST FRAME AND GRATE
	LANDSCAPING REMOVAL (PAID FOR AS EARTH EXCAVATION)		



LEGEND

	HMA SURFACE REMOVAL, 3"		DRIVEWAY REMOVAL
	SIDEWALK REMOVAL		COMB. OF CURB & GUTTER REMOVAL
	BIKE-PATH REMOVAL (PAID FOR AS PAVEMENT REMOVAL)		ADJUST FRAME AND GRATE
	LANDSCAPING REMOVAL (PAID FOR AS EARTH EXCAVATION)		



USER NAME	- jthede	DESIGNED	- JT	REVISED	-
DRAWN	- YC	DRAWN	- YC	REVISED	-
PLOT SCALE	= 40,000' / in.	CHECKED	- JT	REVISED	-
PLOT DATE	= 11/21/2023	DATE	= 10/02/2023	REVISED	-

VILLAGE OF PALATINE

**ILLINOIS AVENUE PHASE II
REMOVAL PLAN**

SCALE: 1"=20" SHEET 1 OF 5 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4480	22-00112-00-RS	COOK	80	17
			CONTRACT NO. 61K08	
ILLINOIS				

FILE NAME = F:\936-108 Illinois Ave Resurfacing and MUP Phase II\CAD\Sheets\7_Removals (Phase II)\936-108_SHT_Removal_001.dgn

626 ILLINOIS
20+52.87
PE (PCC)

750 ELM

755 ELM

530 ILLINOIS
24+36.35
PE (HMA)

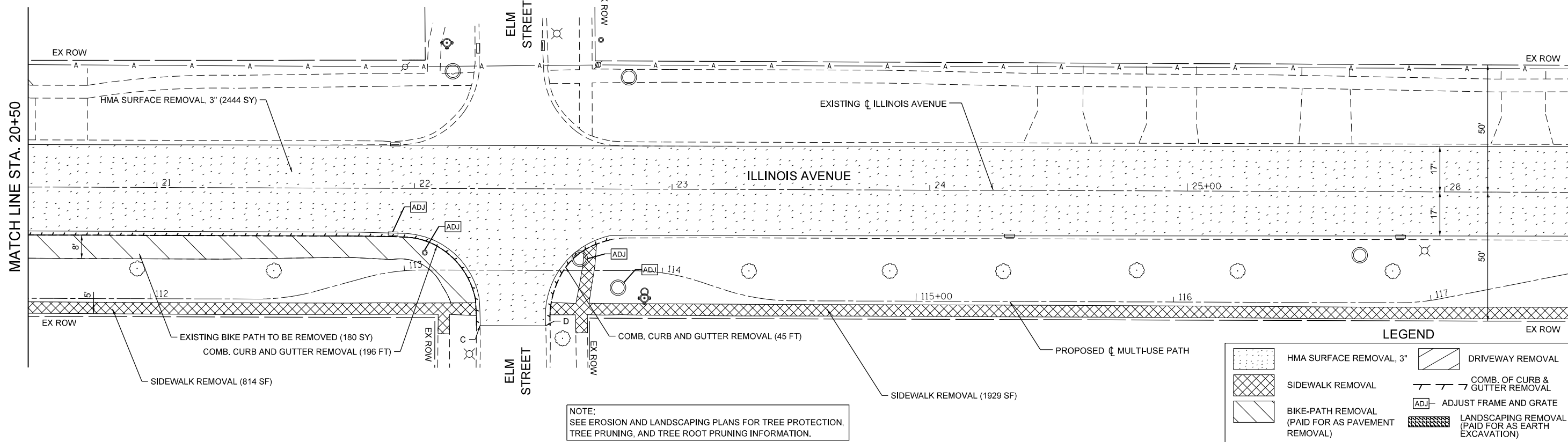
524 ILLINOIS
24+81.21
PE (HMA)

516 ILLINOIS
25+43.41
PE (HMA)

508 ILLINOIS
26+17.50
PE (HMA)

MATCH LINE STA. 20+50

MATCH LINE STA. 26+50



PROPOSED/EXISTING TRANSITIONS		
POINT	STATION	OFFSET
C	22+25.46	53.28' RT
D	22+50.93	53.37' RT
E	28+88.21	55.04' LT
F	29+11.59	55.31' LT

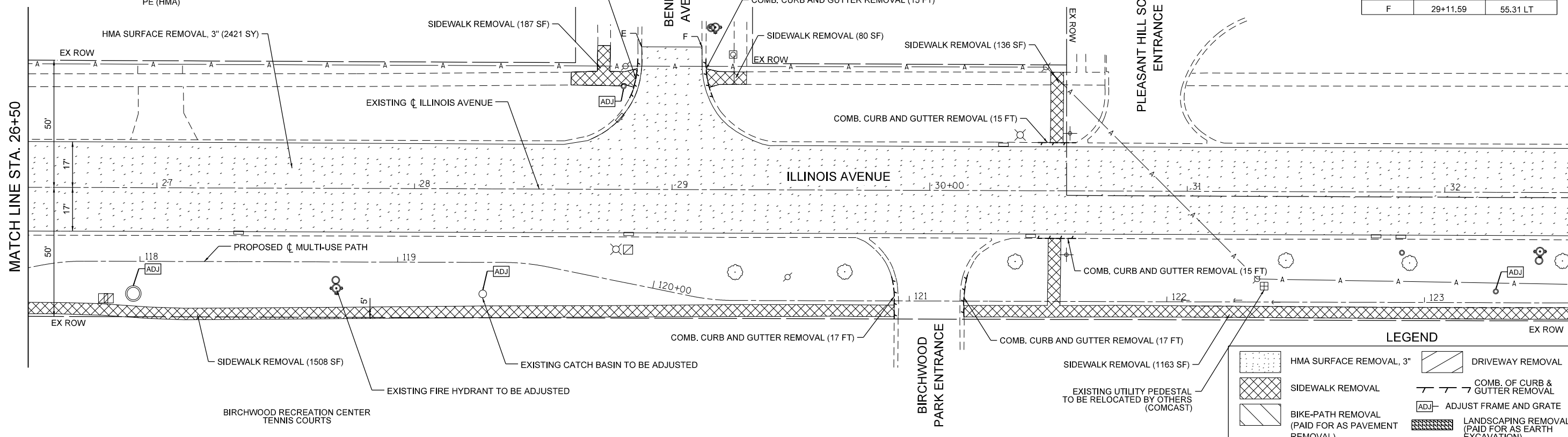
502 ILLINOIS
26+89.82
PE (HMA)

756 BENNETT

756 BENNETT

MATCH LINE STA. 26+50

MATCH LINE STA. 32+50



PROPOSED/EXISTING TRANSITIONS		
POINT	STATION	OFFSET
C	22+25.46	53.28' RT
D	22+50.93	53.37' RT
E	28+88.21	55.04' LT
F	29+11.59	55.31' LT

FILE NAME = F:\936-108 Illinois Ave Resurfacing and MUP Phase II\CADD\Sheets\07_Removals (Phase II)\936-108_SHT_Removal_002.dgn



USER NAME	jthede		
DESIGNED	JT	REVISED	-
DRAWN	YC	REVISED	-
CHECKED	JT	REVISED	-
DATE	10/02/2023	REVISED	-

VILLAGE OF PALATINE

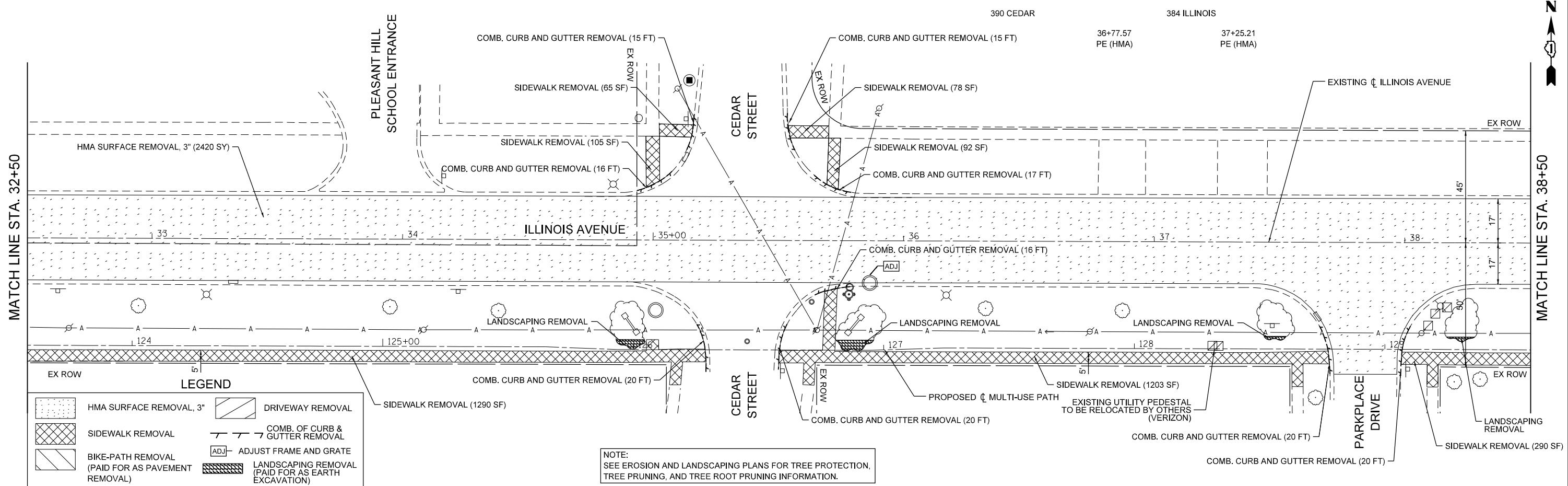
ILLINOIS AVENUE PHASE II
REMOVAL PLAN

SCALE: 1"=20' SHEET 2 OF 5 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4480	22-00112-00-RS	COOK	80	18
CONTRACT NO. 61K08				

MATCH LINE STA. 32+50

MATCH LINE STA. 38+50



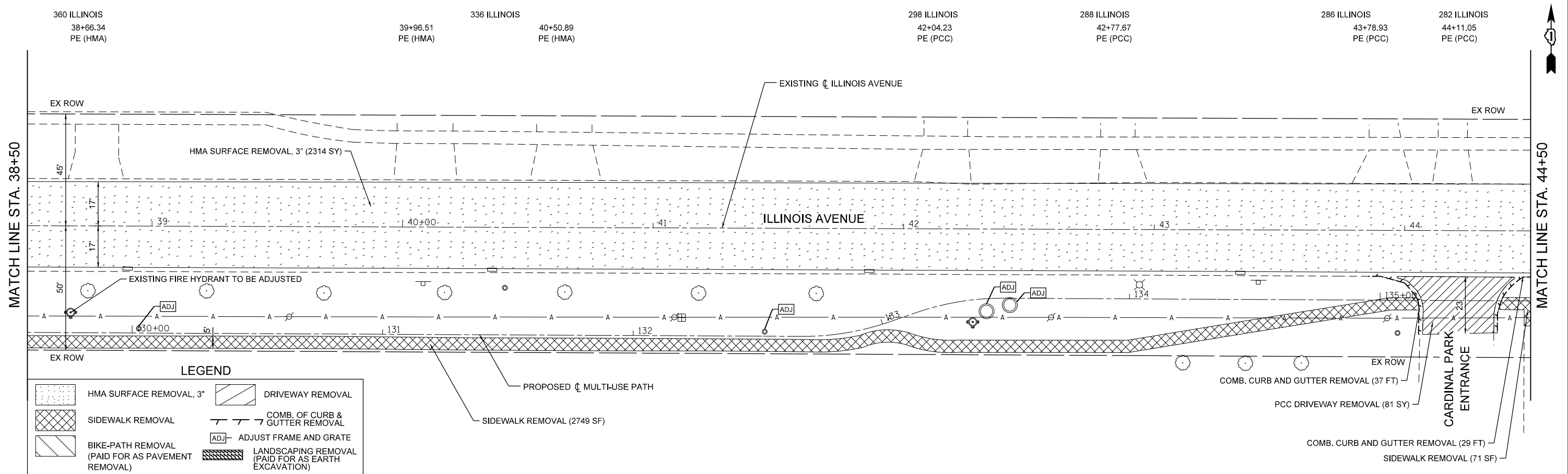
LEGEND

- HMA SURFACE REMOVAL, 3"
- SIDEWALK REMOVAL
- BIKE-PATH REMOVAL (PAID FOR AS PAVEMENT REMOVAL)
- DRIVEWAY REMOVAL
- COMB. OF CURB & GUTTER REMOVAL
- ADJUST FRAME AND GRATE
- LANDSCAPING REMOVAL (PAID FOR AS EARTH EXCAVATION)

NOTE: SEE EROSION AND LANDSCAPING PLANS FOR TREE PROTECTION, TREE PRUNING, AND TREE ROOT PRUNING INFORMATION.

MATCH LINE STA. 38+50

MATCH LINE STA. 44+50



LEGEND

- HMA SURFACE REMOVAL, 3"
- SIDEWALK REMOVAL
- BIKE-PATH REMOVAL (PAID FOR AS PAVEMENT REMOVAL)
- DRIVEWAY REMOVAL
- COMB. OF CURB & GUTTER REMOVAL
- ADJUST FRAME AND GRATE
- LANDSCAPING REMOVAL (PAID FOR AS EARTH EXCAVATION)

FILE NAME = F:\936-108 Illinois Ave Resurfacing and MUP Phase I & II\CADD\Sheets\07_Removals (Phase II)\936-108_SHT_Removal_003.dgn



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DRAWN - YC	REVISED -	
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PLOT DATE = 11/21/2023	DATE - 10/02/2023	REVISED -

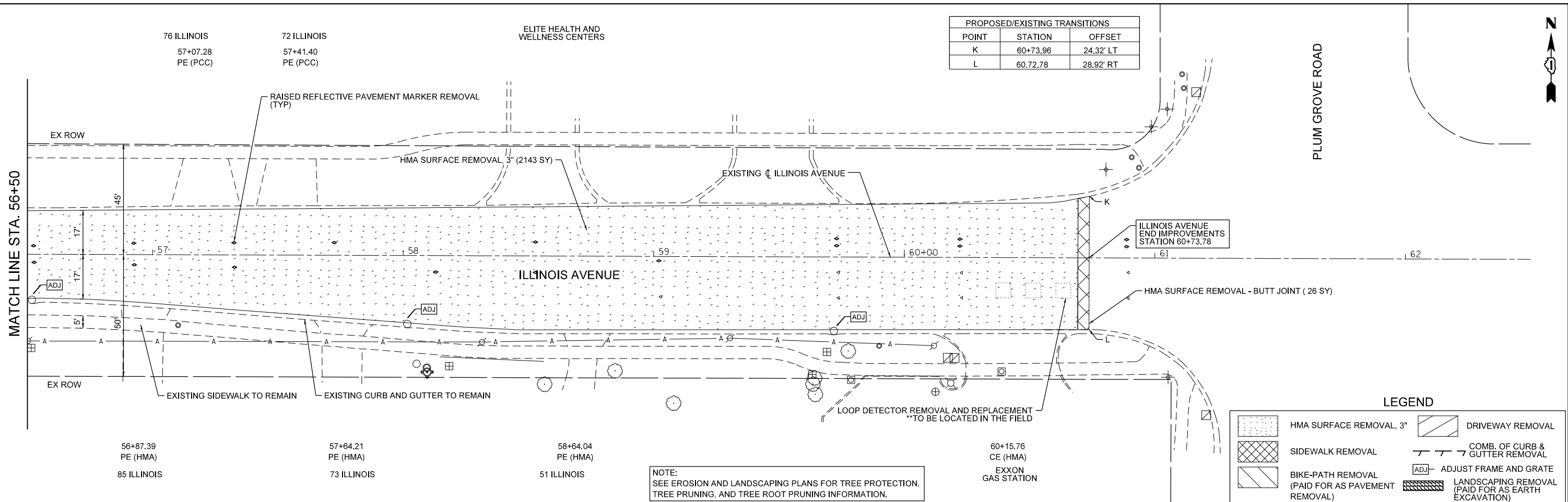
VILLAGE OF PALATINE

ILLINOIS AVENUE PHASE II
REMOVAL PLAN

SCALE: 1"=20' SHEET 3 OF 5 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4480	22-00112-00-RS	COOK	80	19
CONTRACT NO. 61K08				

PROPOSED/EXISTING TRANSITIONS		
POINT	STATION	OFFSET
K	60+73.96	24.32' LT
L	60+72.78	28.92' RT



NOTE:
SEE EROSION AND LANDSCAPING PLANS FOR TREE PROTECTION,
TREE PRUNING, AND TREE ROOT PRUNING INFORMATION.

LEGEND

	HMA SURFACE REMOVAL, 3"		DRIVEWAY REMOVAL
	SIDEWALK REMOVAL		COMB. OF CURB & GUTTER REMOVAL
	BIKE-PATH REMOVAL (PAID FOR AS PAVEMENT REMOVAL)		ADJUST FRAME AND GRATE
	LANDSCAPING REMOVAL (PAID FOR AS EARTH EXCAVATION)		

FILE NAME = F:\935-108 Illinois Ave Resurfacing and MUP Phase II\CADD\Sheets\07_Removals (Phase II)\935-108_SHT_Removl_005.dgn



USER NAME = jthede	DESIGNED - JT	REVISED -
DRAWN - YC	REVISED -	
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PLOT DATE = 11/21/2023	DATE - 10/02/2023	REVISED -

VILLAGE OF PALATINE

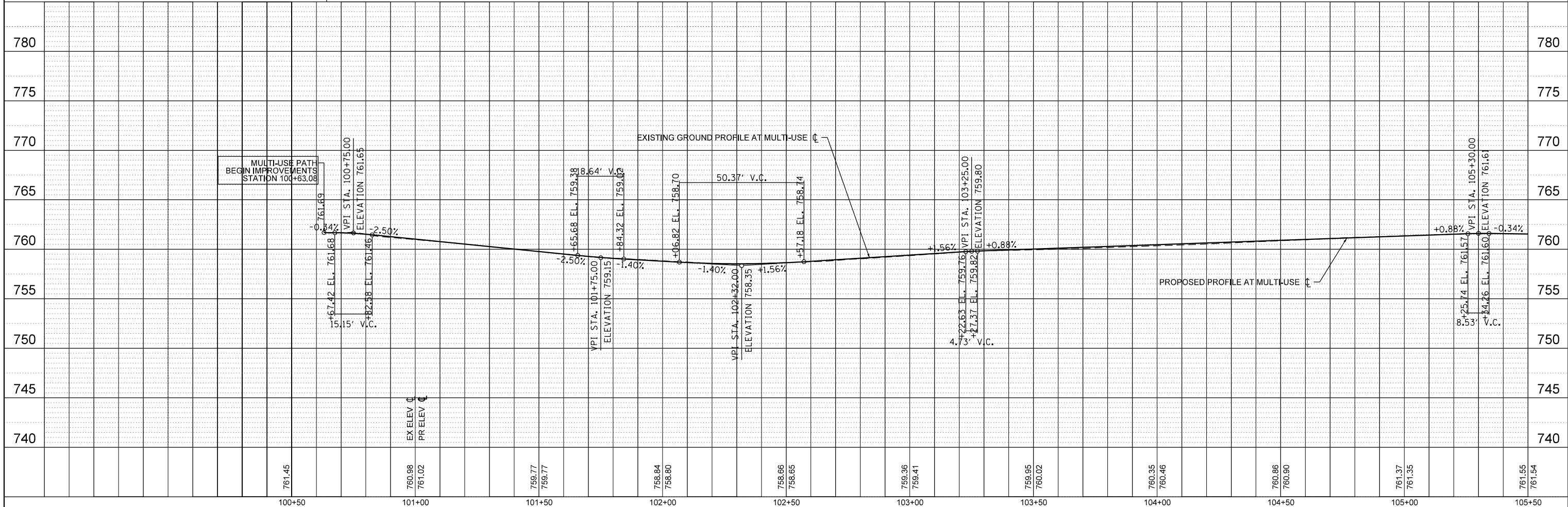
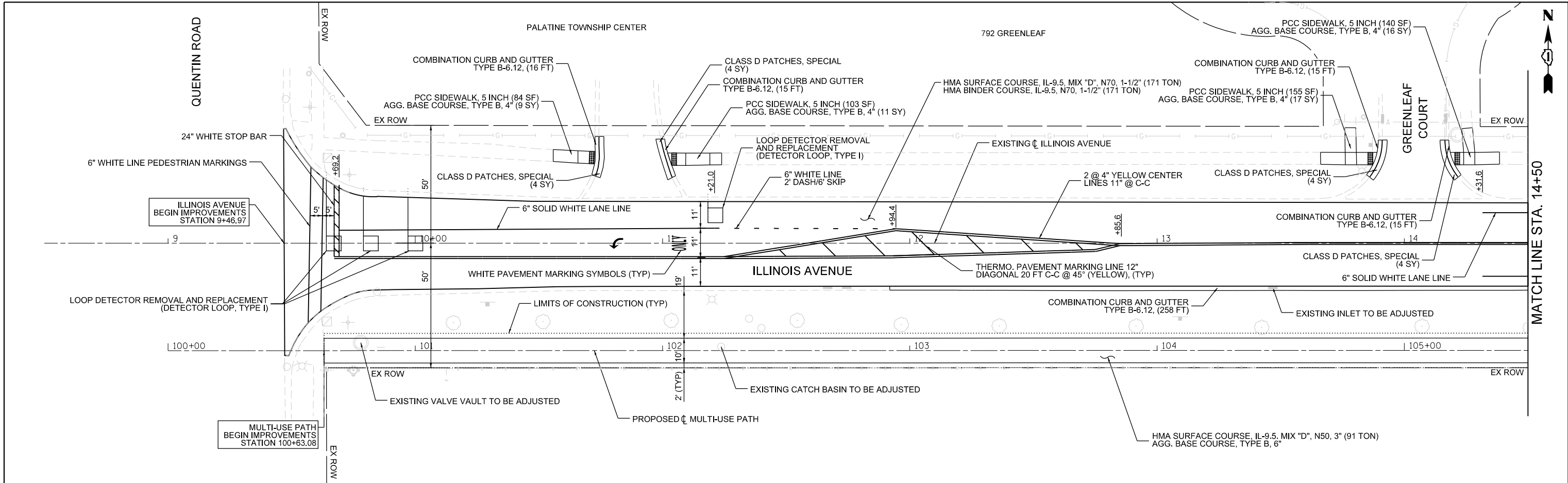
**ILLINOIS AVENUE PHASE II
REMOVAL PLAN**

SCALE: 1"=20' SHEET 5 OF 5 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4480	22-00112-00-RS	COOK	80	21
CONTRACT NO. 61K08			ILLINOIS	

DATE	
BY	
REVIEWED	
PLANNED	
NOTED	
NO.	

DATE	
BY	
REVIEWED	
PLANNED	
NOTED	
NO.	



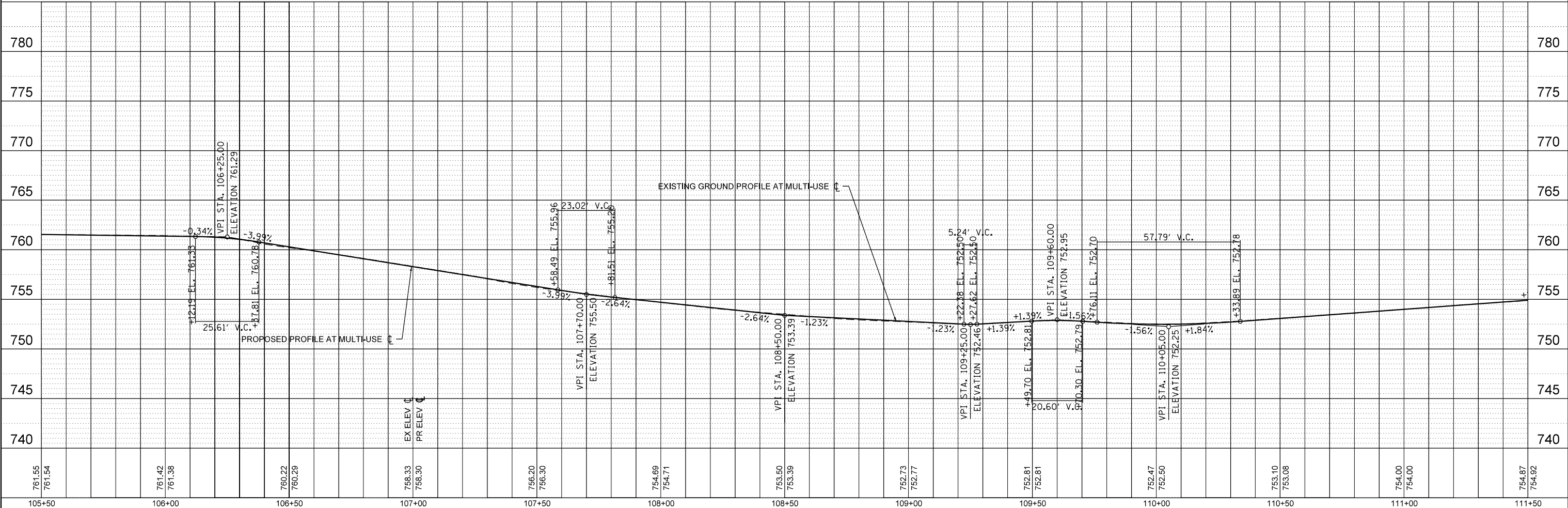
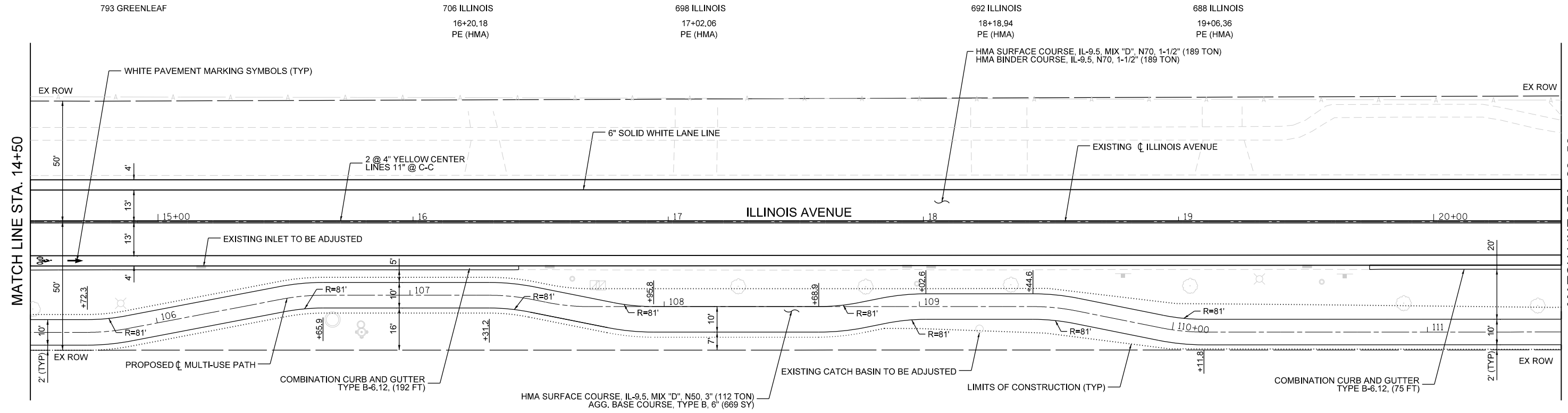
FILE NAME	USER NAME	DESIGNED	REVISED	VILLAGE OF PALATINE		ILLINOIS AVENUE RESURFACING AND BIKE PATH IMPROVEMENTS		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F:\636-108 Illinois Ave Resurfacing and MUP Phase I & II\CAD\Drawings\14+50.dgn	jthede	MQ	-	VILLAGE OF PALATINE		ILLINOIS AVENUE RESURFACING AND BIKE PATH IMPROVEMENTS		4480	22-00112-00-RS	COOK	80	22
PLOT SCALE = 40,0000' / in.	CHECKED	JLT	REVISED	VILLAGE OF PALATINE		ILLINOIS AVENUE RESURFACING AND BIKE PATH IMPROVEMENTS		CONTRACT NO. 61K08				
PLOT DATE = 11/21/2023	DATE	10/02/2023	REVISED	VILLAGE OF PALATINE		ILLINOIS AVENUE RESURFACING AND BIKE PATH IMPROVEMENTS		ILLINOIS FED. AID PROJECT				

SCALE: 1" = 20' SHEET 1 OF 9 SHEETS STA. 8+50 TO STA. 14+50



PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	DESIGNED		
	NOTED		
	NO. _____		
	FILE NAME		

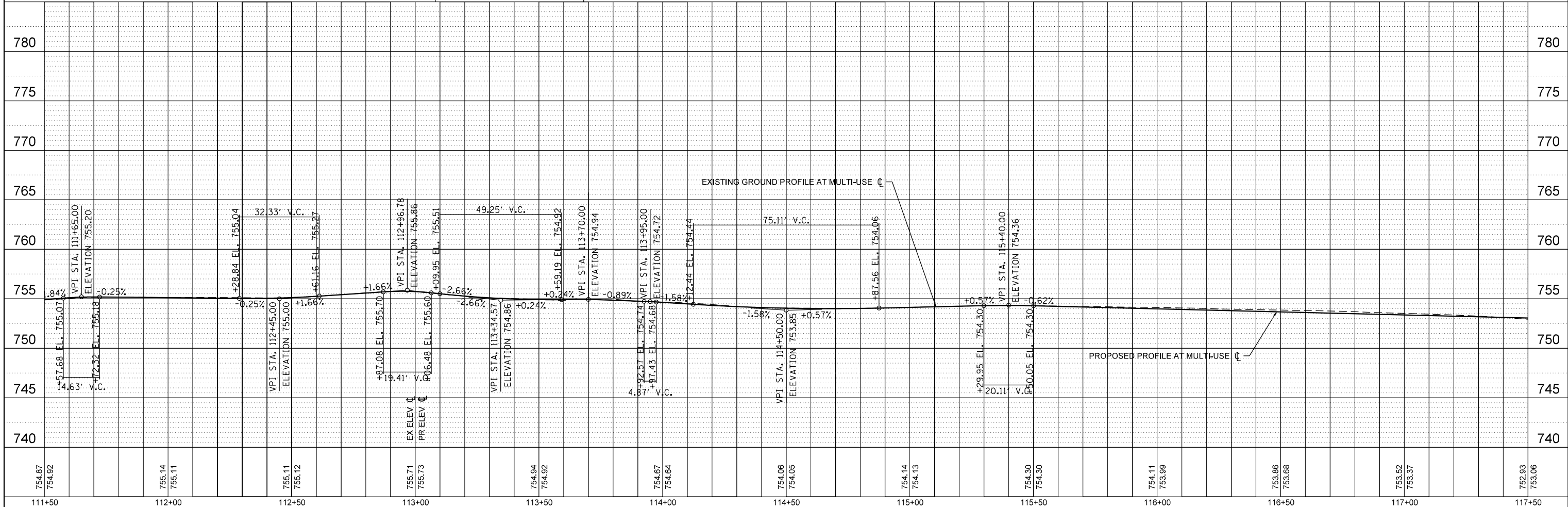
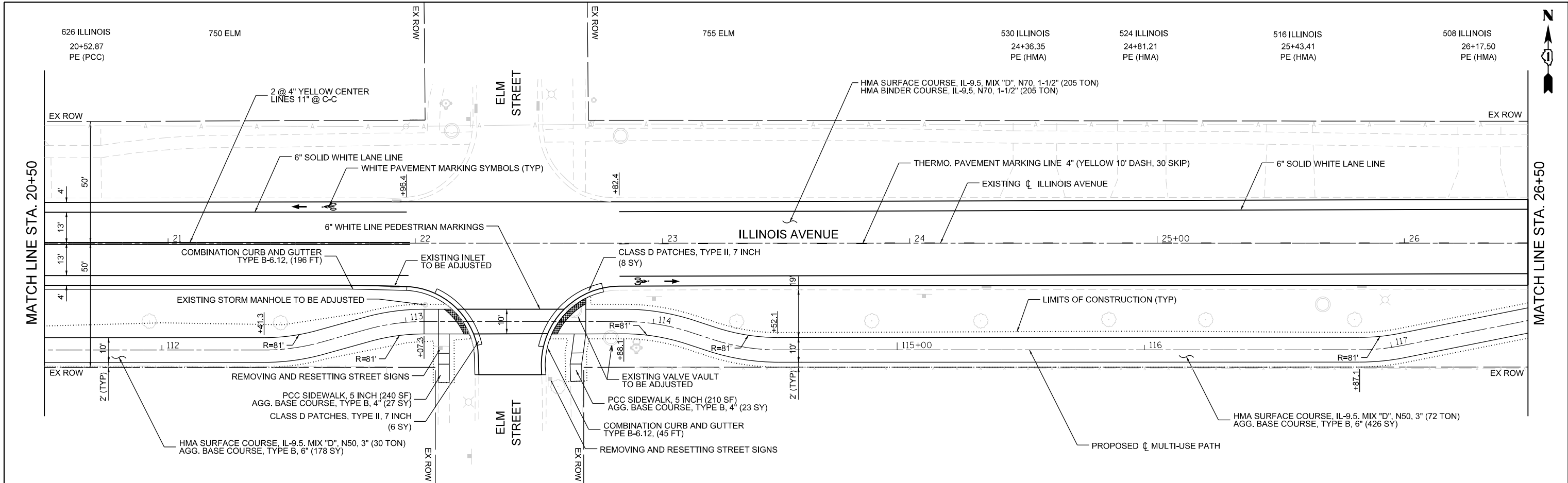
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	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHKD		
	NO. _____		
	FILE NAME		



FILE NAME	USER NAME	DESIGNED	REVISED	ILLINOIS AVENUE RESURFACING AND BIKE PATH IMPROVEMENTS				F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F:\636-108 Illinois Ave Resurfacing and MUP Phase I & II\CAD\Drawings\20+50.dgn	jthede	MQ	-	VILLAGE OF PALATINE				4480	22-00112-00-RS	COOK	80	23
PLOT SCALE = 40,000' / in.	CHECKED	JLT	REVISED	SCALE: 1" = 20'				CONTRACT NO. 61K08		ILLINOIS FED. AID PROJECT		
PLOT DATE = 11/21/2023	DATE	10/02/2023	REVISED	SHEET 2 OF 9 SHEETS				STA. 14+50 TO STA. 20+50				

PLAN	DATE
BY	
REVIEWED	
PLOTTED	
ALIGNMENT CHECKED	
CONTRACT NO.	
NO.	
FILE NAME	

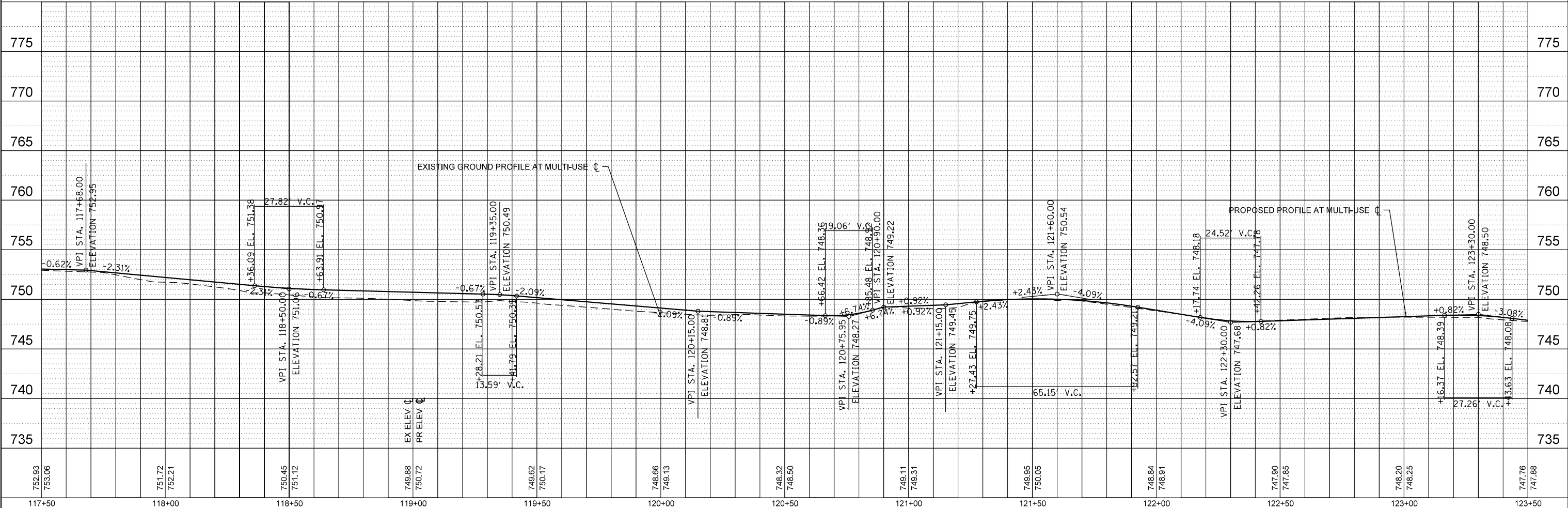
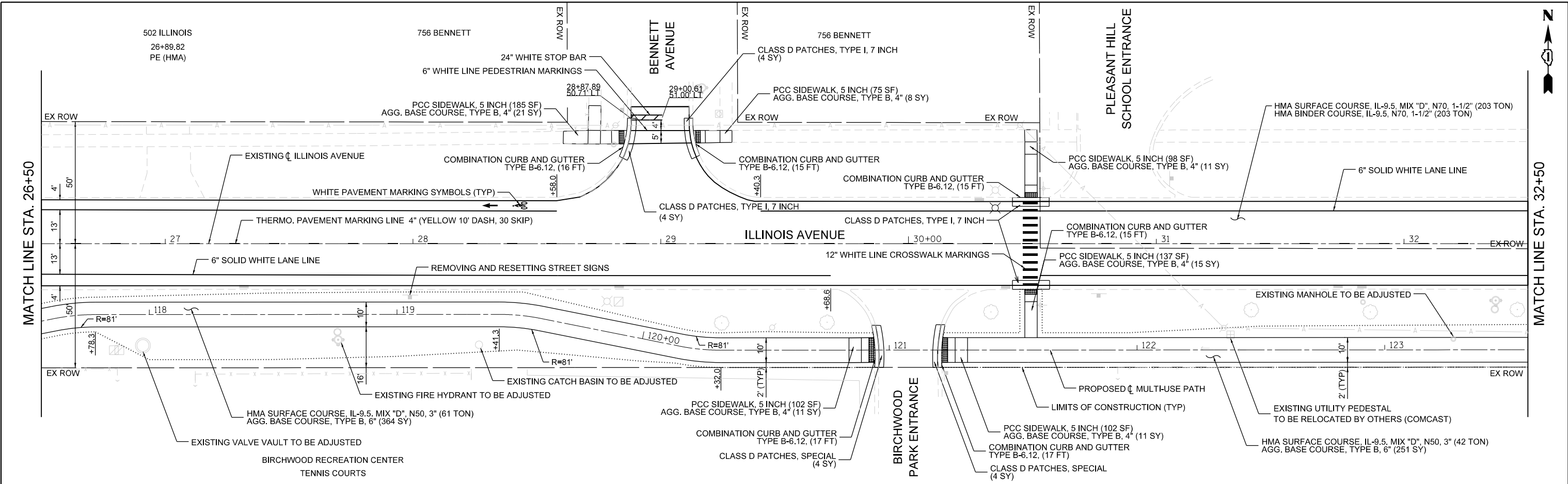
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BY	
REVIEWED	
PLOTTED	
GRADES CHECKED	
STRUCTURE NOTATIONS CHKD	
NO.	



FILE NAME	USER NAME	DESIGNED	REVISIONS	VILLAGE OF PALATINE		ILLINOIS AVENUE RESURFACING AND BIKE PATH IMPROVEMENTS		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	jthede	MQ	-	-		-		4480	22-00112-00-RS	COOK	80	24
		YC	-	-		-		CONTRACT NO. 61K08				
		JLT	-	-		-		SCALE: 1" = 20'				
			-	-		-		SHEET 3 OF 9 SHEETS STA. 20+50 TO STA. 26+50				
			-	-		-		ILLINOIS FED. AID PROJECT				

DATE	
BY	
REVIEWED	
PLANNED	
NOTED	
NO.	

DATE	
BY	
REVIEWED	
PLANNED	
NOTED	
NO.	



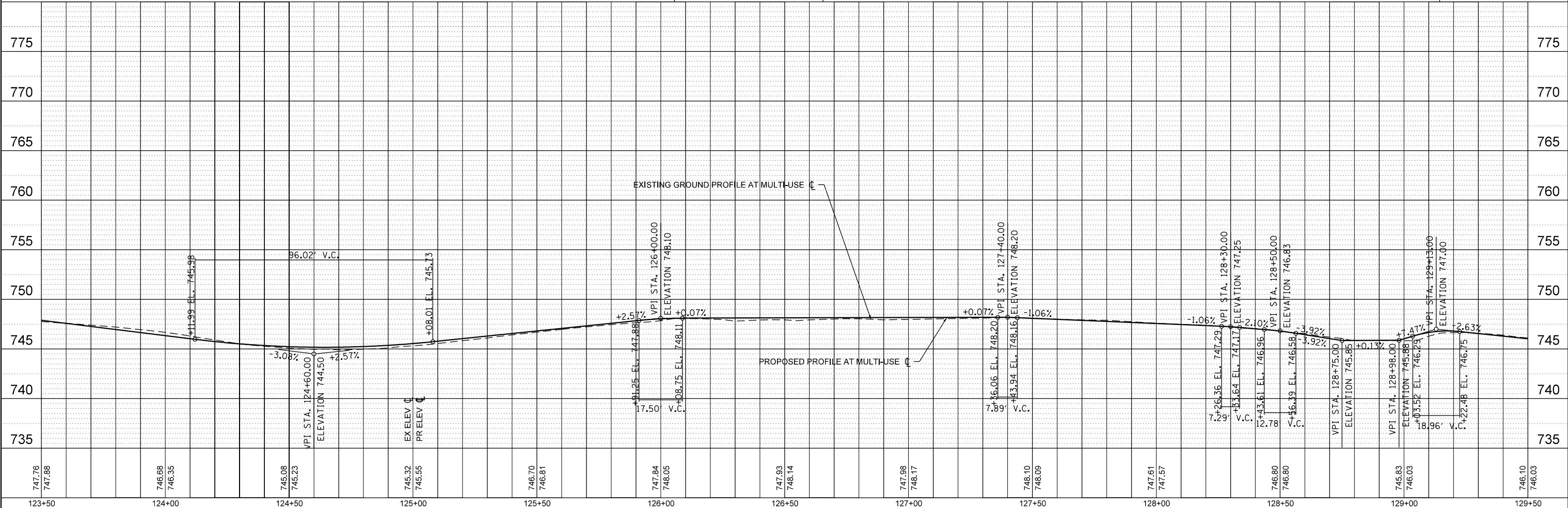
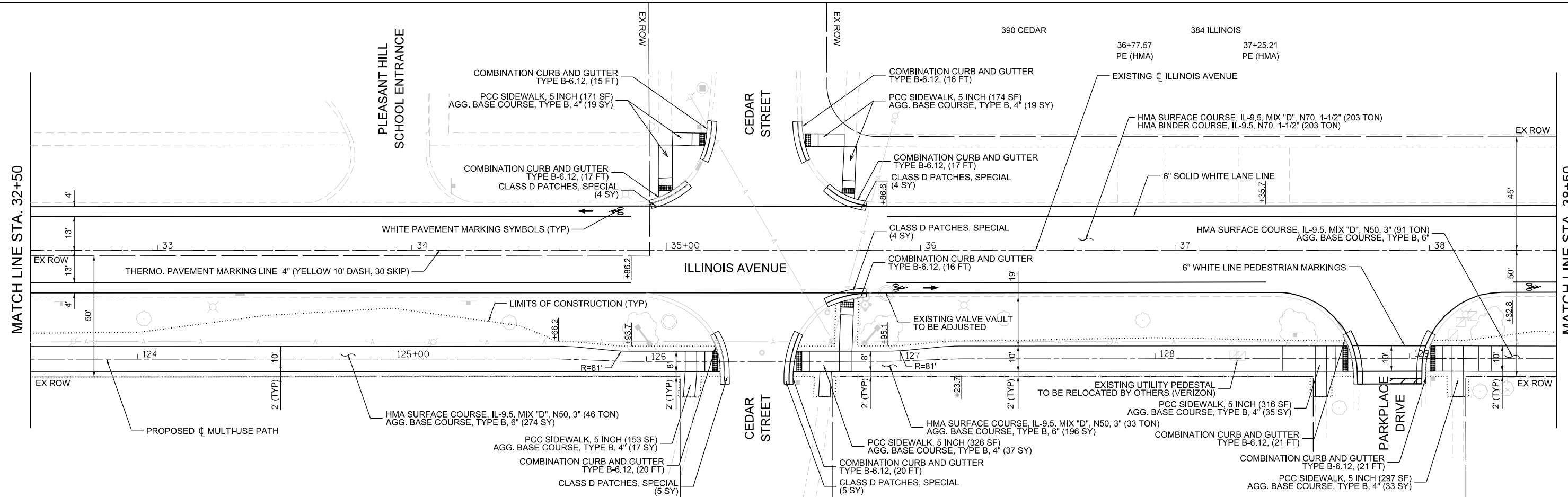
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F:\636-108 Illinois Ave Resurfacing and MUP Phase I & II\CAD\Sheets\08_Plan and Profile (Phase II)\636-108_SHT_P&P_4.dgn	jthede	MQ	YC	VILLAGE OF PALATINE		4480	22-00112-00-RS	COOK	80	25
Default		JLT		SCALE: 1" = 20'		SHEET 4 OF 9 SHEETS		CONTRACT NO. 61K08		
	11/21/2023	10/02/2023		SCALE: 1" = 20'		SHEET 4 OF 9 SHEETS		ILLINOIS		FED. AID PROJECT

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNMENT CHECKED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHKD		
	NOTE BOOK NO.		
	CADD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHKD		
	NOTE BOOK NO.		
	CADD FILE NAME		

MATCH LINE STA. 32+50

MATCH LINE STA. 38+50

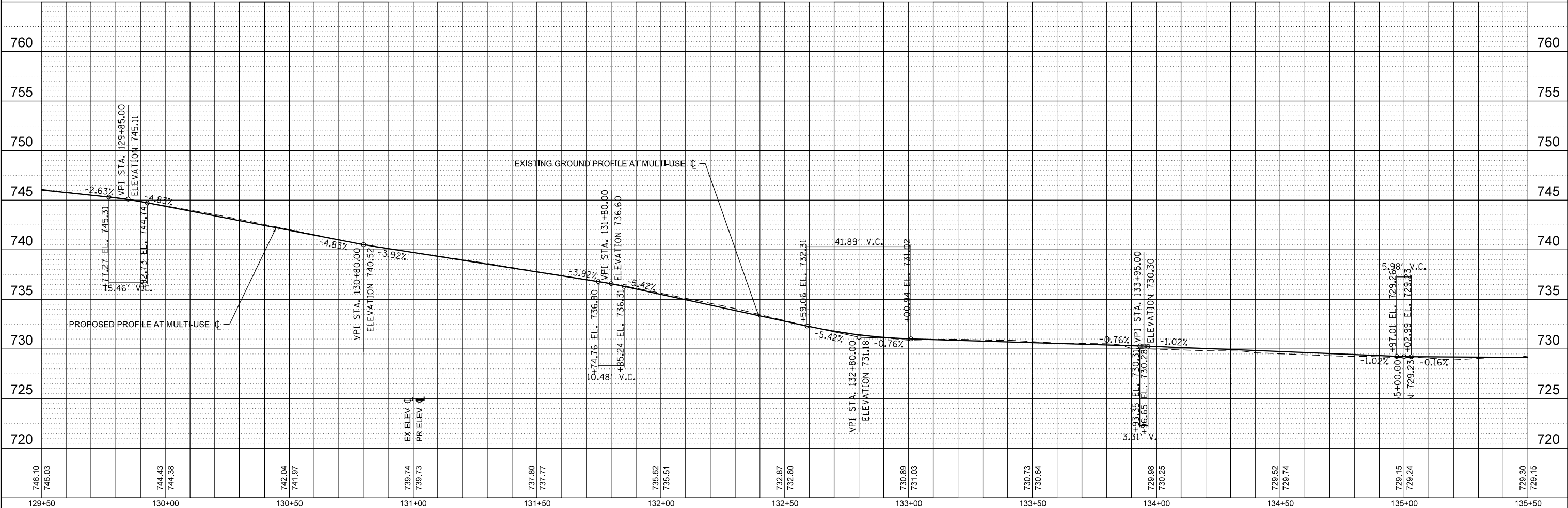
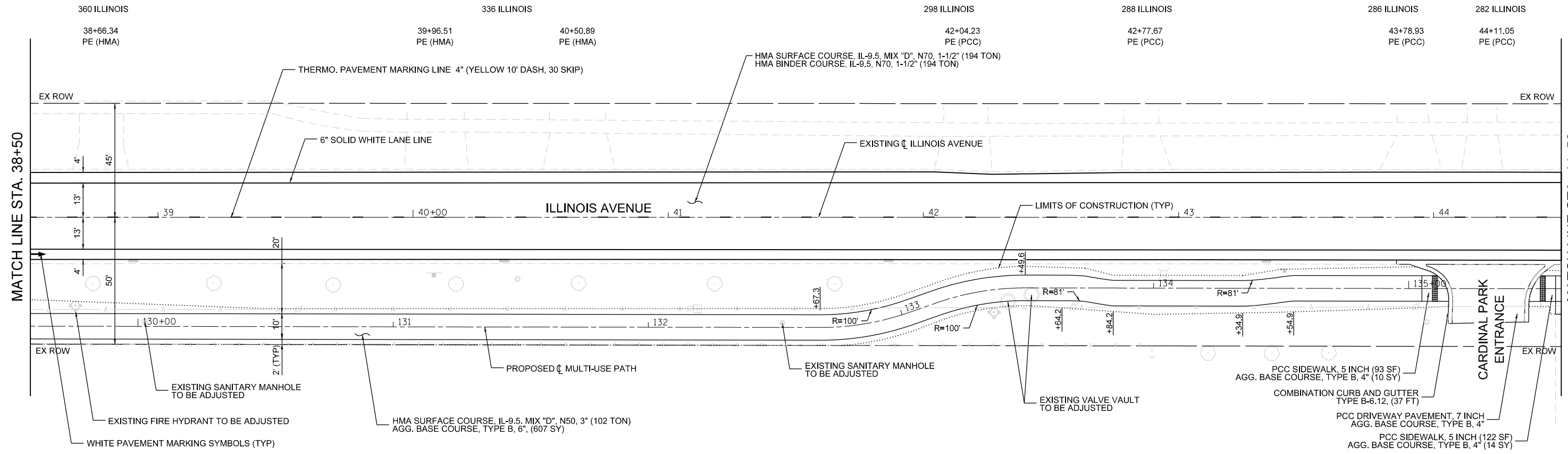


FILE NAME	USER NAME	DESIGNED	REVISED	VILLAGE OF PALATINE ILLINOIS AVENUE RESURFACING AND BIKE PATH IMPROVEMENTS PLAN AND PROFILE	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	jthede	MQ	-		4480	22-00112-00-RS	COOK	80	26
		YC	-		CONTRACT NO. 61K08				
		JLT	-		ILLINOIS FED. AID PROJECT				
		DATE	10/02/2023	REVISED	SCALE: 1" = 20'	SHEET 5 OF 9 SHEETS	STA. 32+50 TO STA. 38+50		



PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNMENT CHECKED	
	NOTE BOOK NO.	
	ADD FILE NAME	

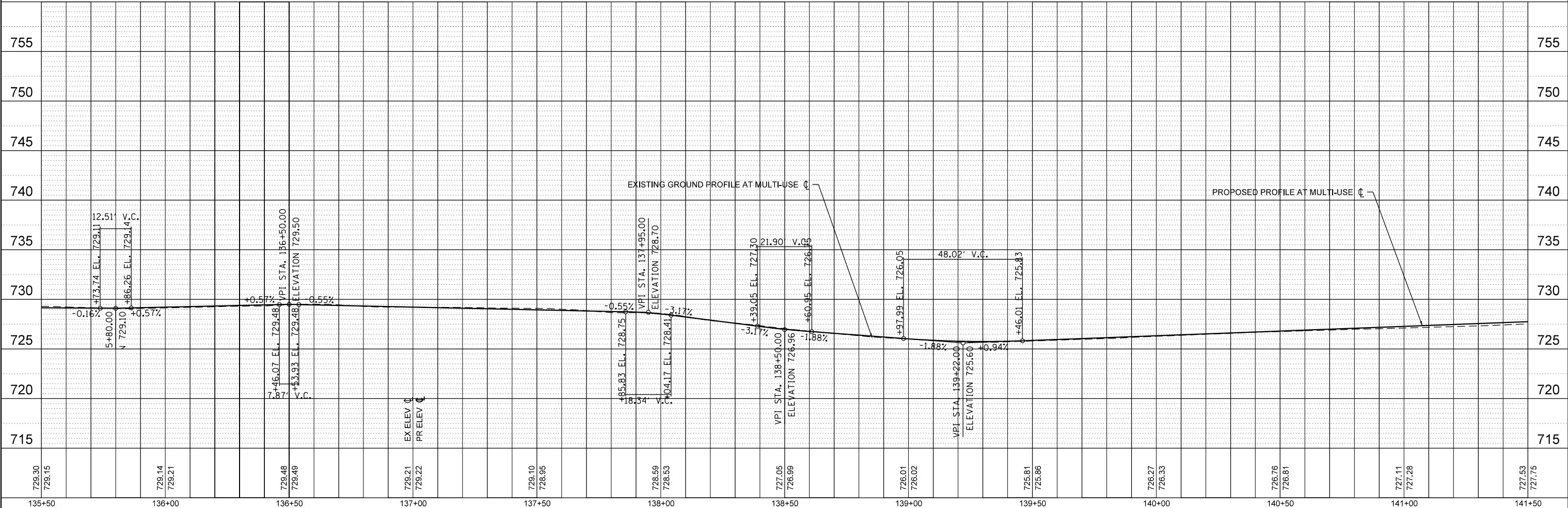
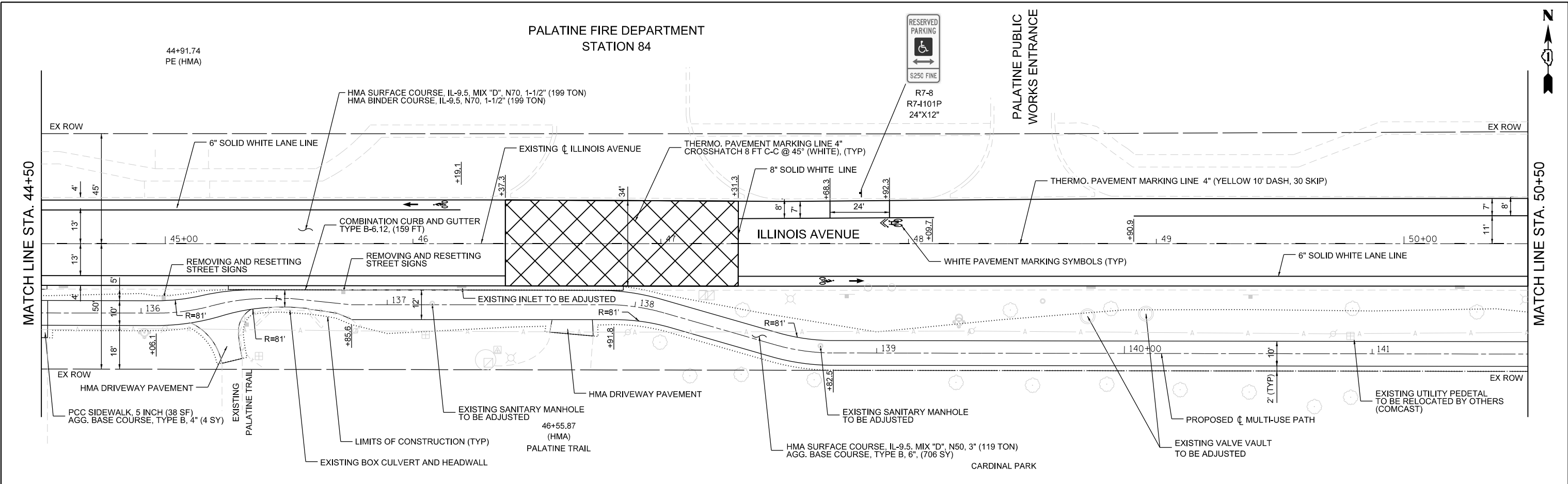
PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	NOTE BOOK NO.	
	STRUCTURE NOTATIONS CHKD	



FILE NAME	USER NAME	DESIGNED	REVISED	ILLINOIS AVENUE RESURFACING AND BIKE PATH IMPROVEMENTS			
F:\636-108 Illinois Ave Resurfacing and MUP Phase II\ICAD\Drawings\44+50.dgn	jthede	MQ	-	PLAN AND PROFILE			
DRIVER	DATE	CHECKED	REVISED	SCALE	SHEET	OF	SHEETS
YC	10/02/2023	JLT	-	1" = 20'	6	9	
				STA.	38+50	TO STA.	44+50
				VILLAGE OF PALATINE		CONTRACT NO. 61K08	
				ILLINOIS		FED. AID PROJECT	

DATE	
BY	
REVIEWED	
PLANNED	
NOTED	
NO.	

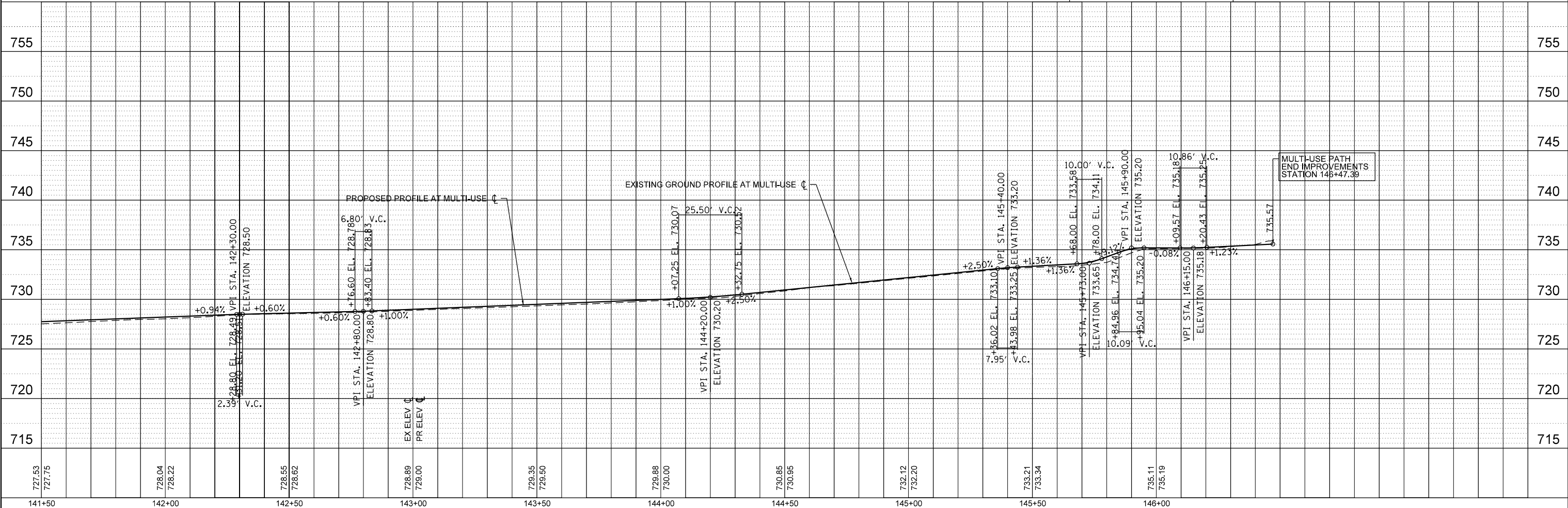
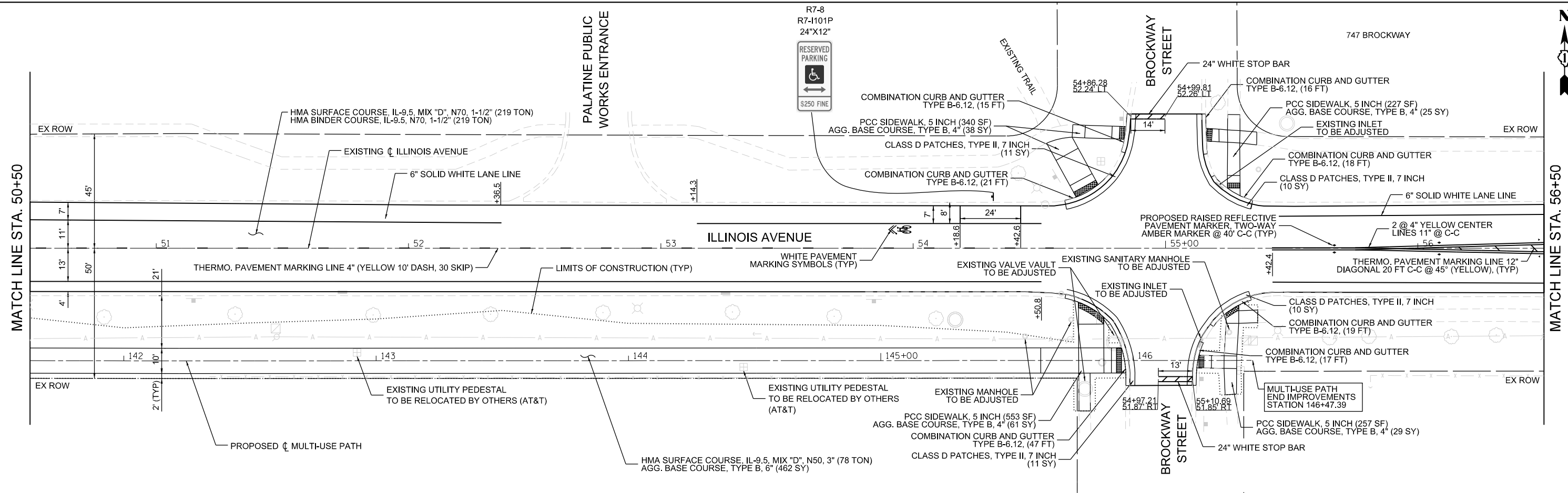
DATE	
BY	
REVIEWED	
PLANNED	
NOTED	
NO.	



FILE NAME	USER NAME	DESIGNED	REVISED	ILLINOIS AVENUE RESURFACING AND BIKE PATH IMPROVEMENTS		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F:\636-108 Illinois Ave Resurfacing and MUP Phase I & II\CAD\Drawings\50+50.dgn	jthede	MQ	-	VILLAGE OF PALATINE		4480	22-00112-00-RS	COOK	80	28
Default	PLOT SCALE = 40,000' / in.	CHECKED	REVISED	SCALE: 1" = 20'		SHEET 7 OF 9 SHEETS		CONTRACT NO. 61K08		ILLINOIS FED. AID PROJECT
	PLOT DATE = 11/21/2023	DATE	REVISED	STA. 44+50 TO STA. 50+50						

PLAN	REVIEWED	DATE
	BY	
	NO.	
	NO.	
	NO.	
	NO.	

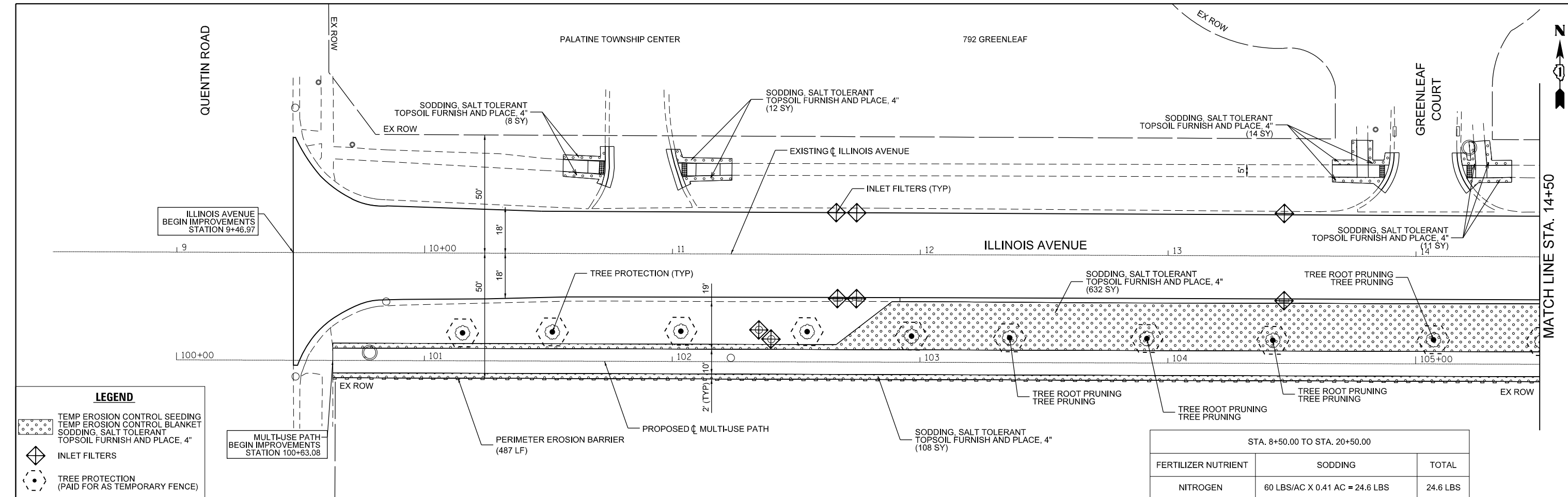
PROFILE	REVIEWED	DATE
	BY	
	NO.	
	NO.	
	NO.	
	NO.	



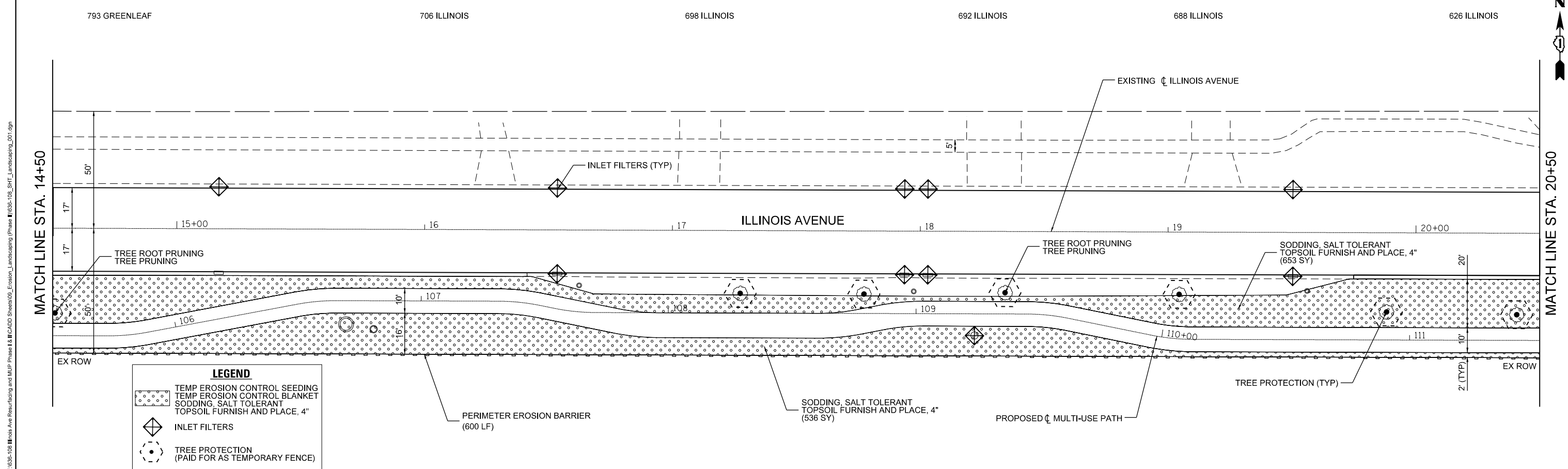
FILE NAME	USER NAME	DESIGNED	REVISED	ILLINOIS AVENUE RESURFACING AND BIKE PATH IMPROVEMENTS		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F:\636-108 Illinois Ave Resurfacing and MUP Phase I & II\CAD\Drawings\636-108_SHT_P&P_8_Sht.dgn	jthede	MQ	-	VILLAGE OF PALATINE		4480	22-00112-00-RS	COOK	80	29
PLOT SCALE = 40,000' / in.	CHECKED	JLT	REVISED	PLAN AND PROFILE		CONTRACT NO. 61K08				
PLOT DATE = 11/21/2023	DATE	10/02/2023	REVISED	SCALE: 1" = 20'		SHEET 8 OF 9 SHEETS		STA. 50+50 TO STA. 56+50		



FILE NAME = F:\935-108 Illinois Ave Resurfacing and MUP Phase I & II\CADD\Sheets\02_Erosion_Landscaping (Phase I)\935-108_SHT_Landscaping_001.dgn



STA. 8+50.00 TO STA. 20+50.00		
FERTILIZER NUTRIENT	SODDING	TOTAL
NITROGEN	60 LBS/AC X 0.41 AC = 24.6 LBS	24.6 LBS
POTASSIUM	60 LBS/AC X 0.41 AC = 24.6 LBS	24.6 LBS



LEGEND

- TEMP EROSION CONTROL SEEDING
- TEMP EROSION CONTROL BLANKET
- SODDING, SALT TOLERANT TOPSOIL FURNISH AND PLACE, 4"
- INLET FILTERS
- TREE PROTECTION (PAID FOR AS TEMPORARY FENCE)

USER NAME = jthede	DESIGNED - JT	REVISED -
	DRAWN - YC	REVISED -
PLOT SCALE = 40,000' / in.	CHECKED - JT	REVISED -
PLOT DATE = 11/21/2023	DATE - 10/02/2023	REVISED -

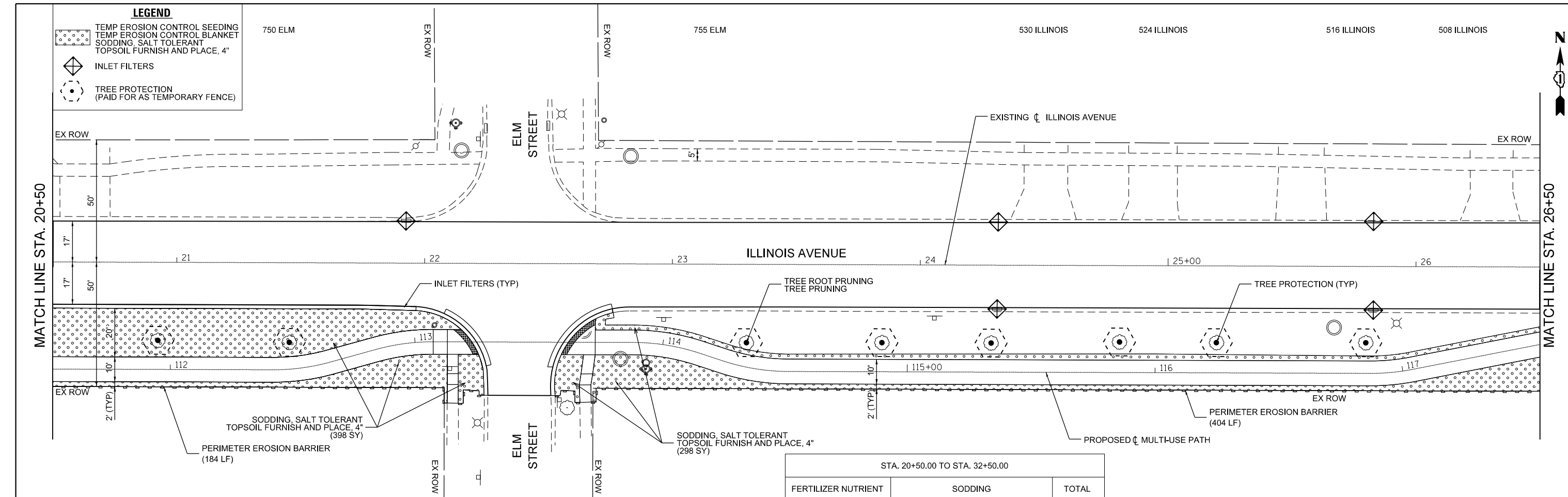
VILLAGE OF PALATINE

**ILLINOIS AVENUE PHASE II
EROSION AND LANDSCAPING PLAN**

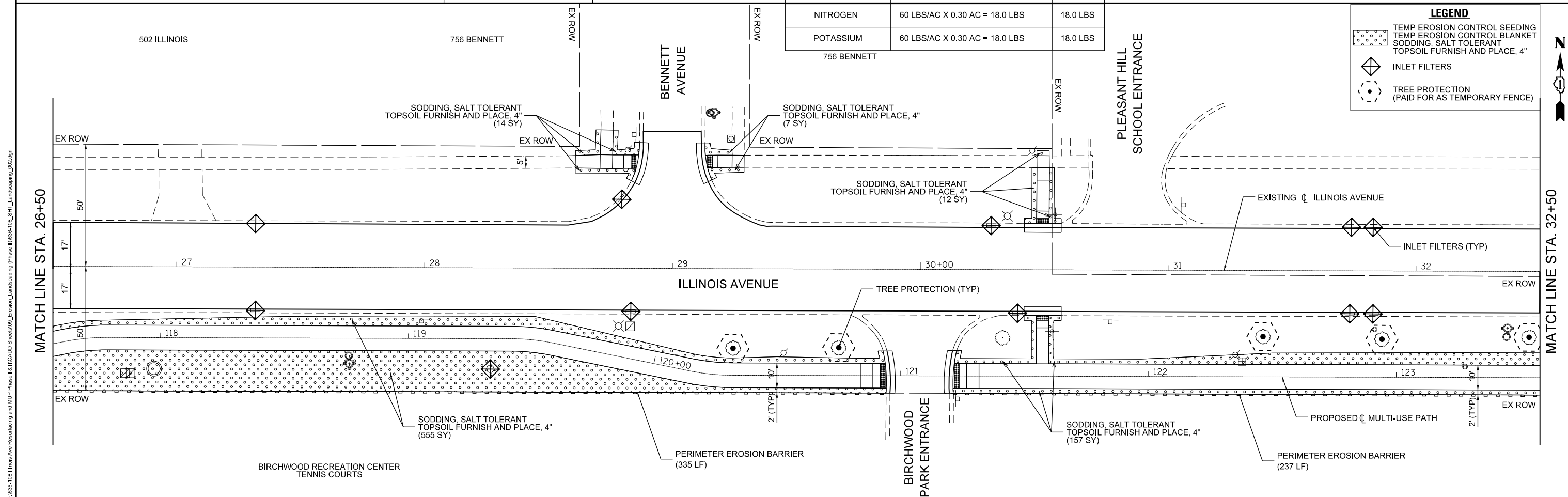
SCALE: 1"=20' SHEET 1 OF 4 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4480	22-00112-00-RS	COOK	80	31
CONTRACT NO. 61K08				





STA. 20+50.00 TO STA. 32+50.00		
FERTILIZER NUTRIENT	SODDING	TOTAL
NITROGEN	60 LBS/AC X 0.30 AC = 18.0 LBS	18.0 LBS
POTASSIUM	60 LBS/AC X 0.30 AC = 18.0 LBS	18.0 LBS



FILE NAME = F:\036-108\036-108\036-108_SHT_Landscaping_002.dgn



USER NAME	jthede		
DESIGNED	JT	REVISED	-
DRAWN	YC	REVISED	-
CHECKED	JT	REVISED	-
DATE	10/02/2023	REVISED	-

VILLAGE OF PALATINE

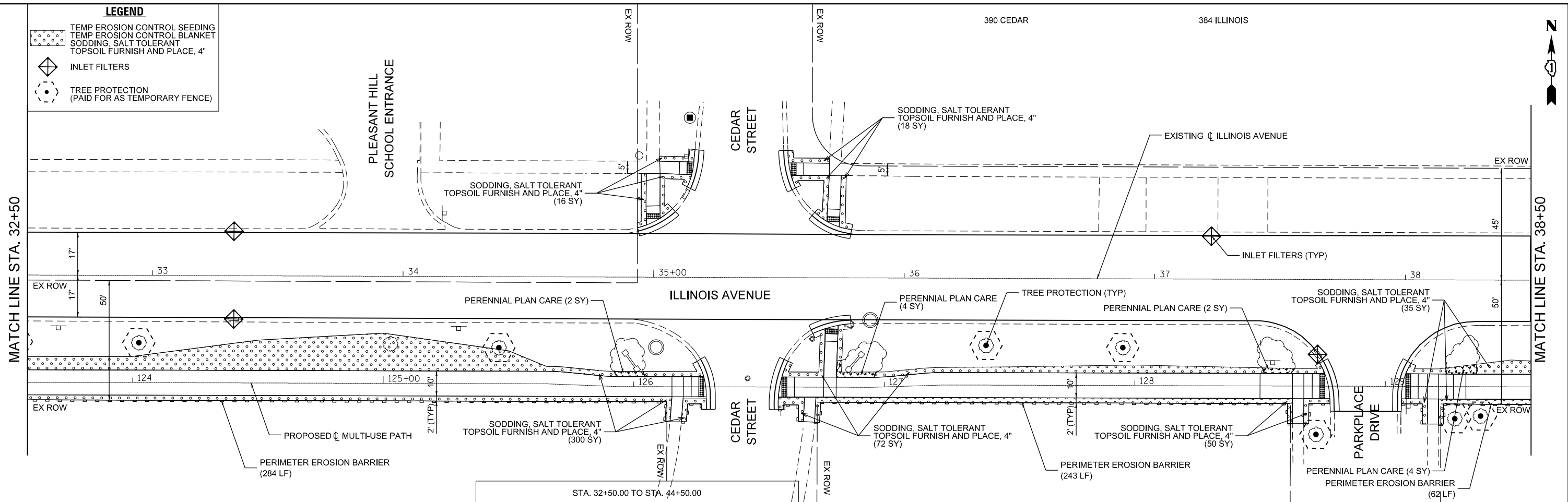
**ILLINOIS AVENUE PHASE II
EROSION AND LANDSCAPING PLAN**

SCALE: 1"=20" SHEET 2 OF 4 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4480	22-00112-00-RS	COOK	80	32
CONTRACT NO. 61K08				

LEGEND

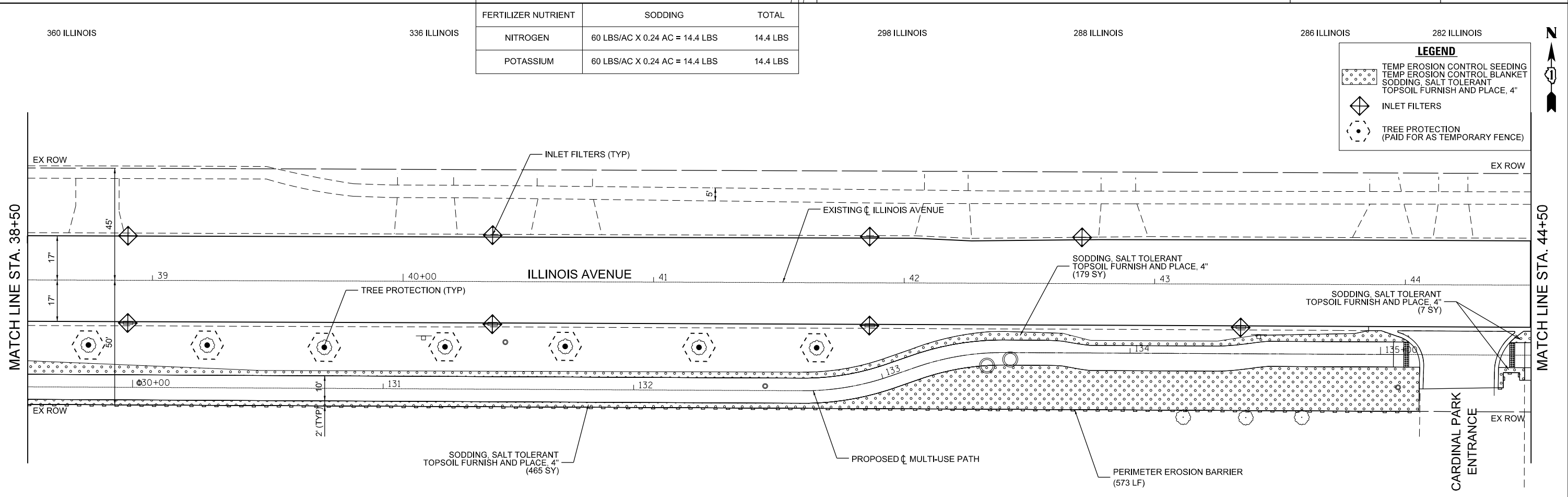
- TEMP EROSION CONTROL SEEDING
- TEMP EROSION CONTROL BLANKET
- SODDING, SALT TOLERANT TOPSOIL FURNISH AND PLACE, 4"
- INLET FILTERS
- TREE PROTECTION (PAID FOR AS TEMPORARY FENCE)



STA. 32+50.00 TO STA. 44+50.00		
FERTILIZER NUTRIENT	SODDING	TOTAL
NITROGEN	60 LBS/AC X 0.24 AC = 14.4 LBS	14.4 LBS
POTASSIUM	60 LBS/AC X 0.24 AC = 14.4 LBS	14.4 LBS

LEGEND

- TEMP EROSION CONTROL SEEDING
- TEMP EROSION CONTROL BLANKET
- SODDING, SALT TOLERANT TOPSOIL FURNISH AND PLACE, 4"
- INLET FILTERS
- TREE PROTECTION (PAID FOR AS TEMPORARY FENCE)



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USER NAME - jthede	DESIGNED - JT	REVISED -
PLOT SCALE = 40,000' / in.	DRAWN - YC	REVISED -
PLOT DATE = 11/21/2023	CHECKED - JT	REVISED -
	DATE - 10/02/2023	REVISED -

VILLAGE OF PALATINE

**ILLINOIS AVENUE PHASE II
EROSION AND LANDSCAPING PLAN**

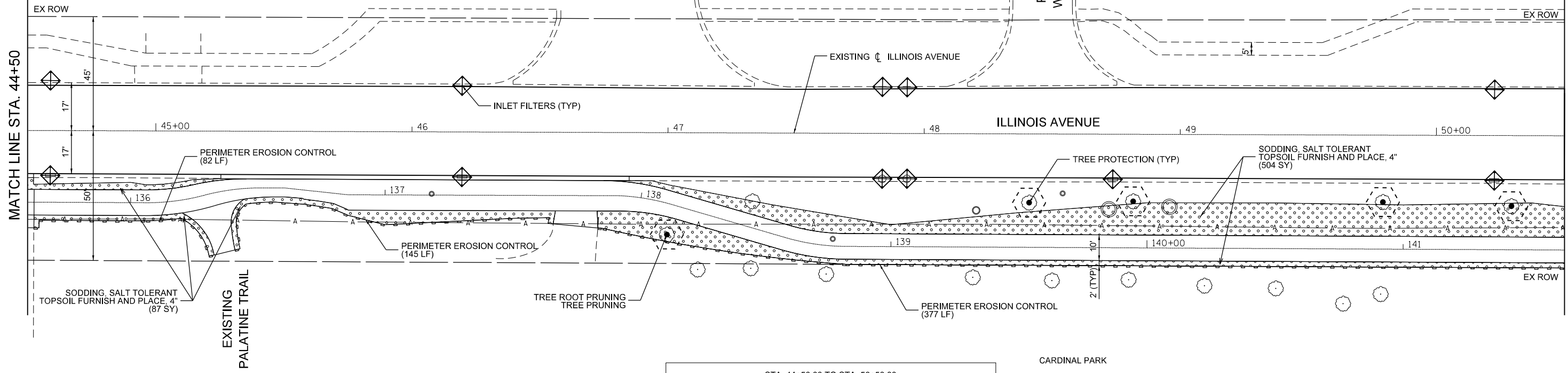
SCALE: 1"=20' SHEET 3 OF 4 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4480	22-00112-00-RS	COOK	80	33
CONTRACT NO. 61K08				

LEGEND

- TEMP EROSION CONTROL SEEDING
- TEMP EROSION CONTROL BLANKET
- SODDING, SALT TOLERANT
- TOPSOIL FURNISH AND PLACE, 4"
- INLET FILTERS
- TREE PROTECTION (PAID FOR AS TEMPORARY FENCE)

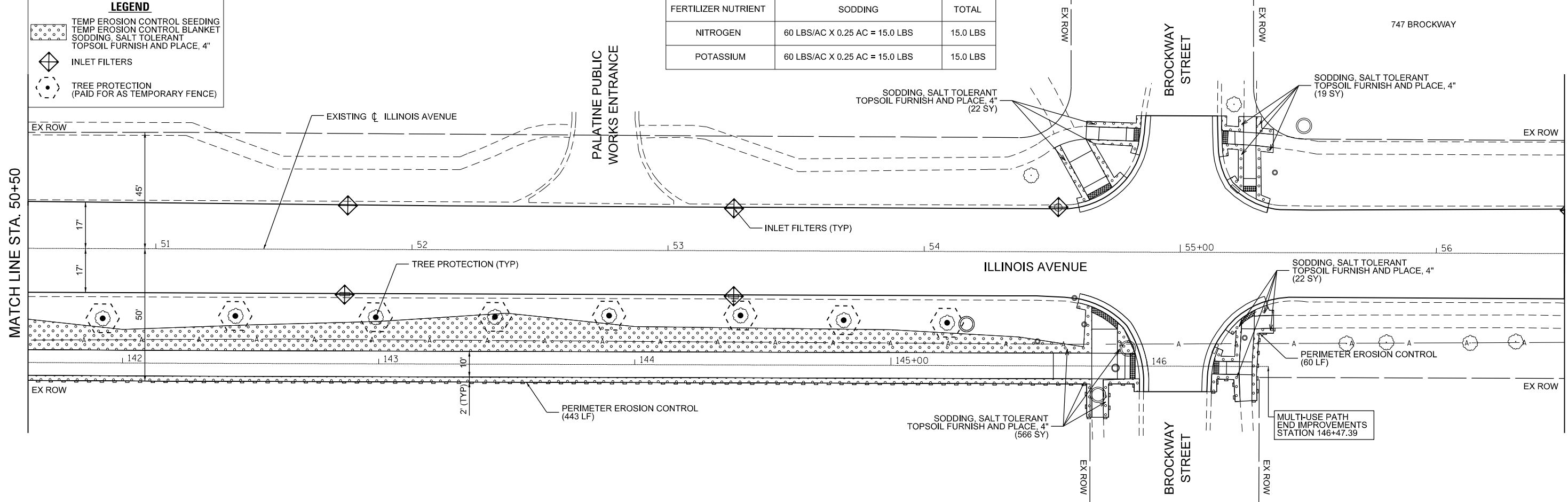
**PALATINE FIRE DEPARTMENT
STATION 84**



STA. 44+50.00 TO STA. 56+50.00		
FERTILIZER NUTRIENT	SODDING	TOTAL
NITROGEN	60 LBS/AC X 0.25 AC = 15.0 LBS	15.0 LBS
POTASSIUM	60 LBS/AC X 0.25 AC = 15.0 LBS	15.0 LBS

LEGEND

- TEMP EROSION CONTROL SEEDING
- TEMP EROSION CONTROL BLANKET
- SODDING, SALT TOLERANT
- TOPSOIL FURNISH AND PLACE, 4"
- INLET FILTERS
- TREE PROTECTION (PAID FOR AS TEMPORARY FENCE)



FILE NAME = F:\935-108 Illinois Ave Resurfacing and MUP Phase I & II\CADD\Sheets\02_Erosion_Landscaping\Phase II\935-108_SHT_Landscaping_004.dgn



USER NAME = jthede	DESIGNED - JT	REVISED -
PLOT SCALE = 40,000' / in.	DRAWN - YC	REVISED -
PLOT DATE = 11/21/2023	CHECKED - JT	REVISED -
	DATE - 10/02/2023	REVISED -

VILLAGE OF PALATINE

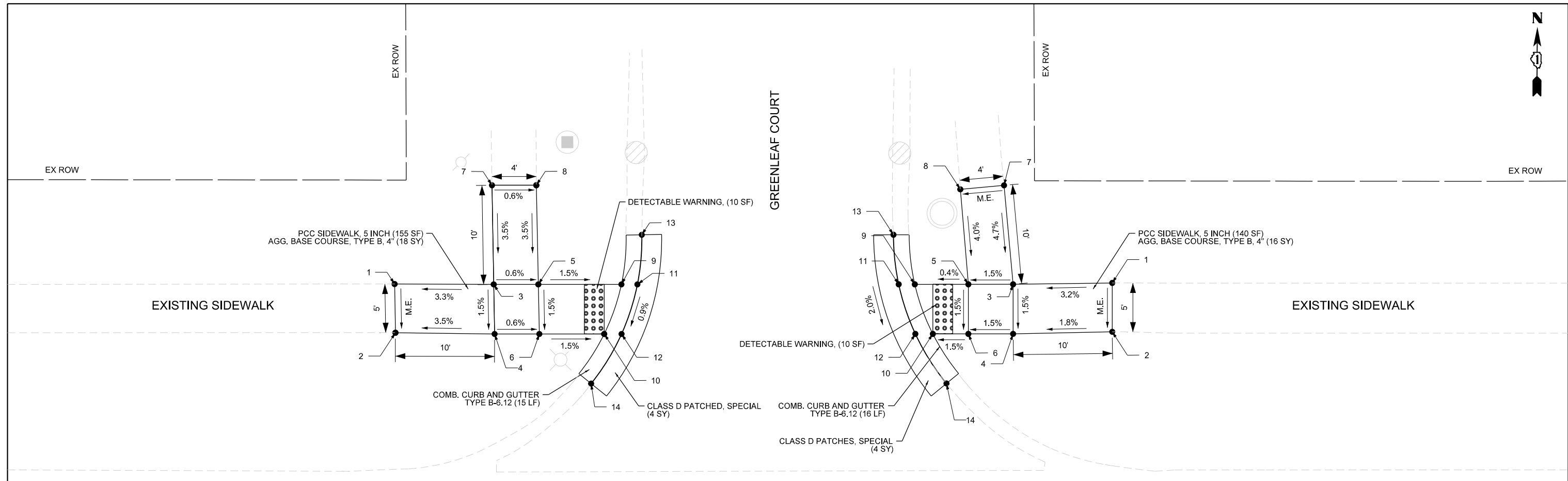
**ILLINOIS AVENUE PHASE II
EROSION AND LANDSCAPING PLAN**

SCALE: 1"=20' SHEET 4 OF 4 SHEETS STA. N/A TO STA. N/A

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4480	22-00112-00-RS	COOK	80	34
CONTRACT NO. 61K08				



GREENLEAF COURT



ILLINOIS AVENUE

EX. ILLINOIS AVENUE CL

14

ADA RAMP ILLINOIS AVE. @ GREENLEAF CT. NW CORNER			
POINT NO.	STATION	OFFSET	ELEVATION
1	13+66.09	36.81' LT	762.39 (M.E.)
2	13+66.17	31.90' LT	762.27 (M.E.)
3	13+76.09	36.77' LT	762.72
4	13+76.17	31.77' LT	762.64
5	13+80.59	36.77' LT	762.69
6	13+80.69	31.77' LT	762.62
7	13+75.91	46.77' LT	763.07 (M.E.)
8	13+80.38	46.77' LT	763.04 (M.E.)
9	13+88.97	36.77' LT	762.57
10	13+87.24	31.77' LT	762.52
11	13+90.59	36.77' LT	762.58
12	13+88.99	31.77' LT	762.53
13	13+91.03	41.77' LT	762.90
14	13+85.92	26.77' LT	762.14

ADA RAMP ILLINOIS AVE. @ GREENLEAF CT. NE CORNER			
POINT NO.	STATION	OFFSET	ELEVATION
1	14+38.50	36.92' LT	763.13 (M.E.)
2	14+38.50	31.99' LT	762.92 (M.E.)
3	14+28.50	36.78' LT	762.81
4	14+28.50	31.78' LT	762.74
5	14+23.98	36.78' LT	762.74
6	14+23.98	31.78' LT	762.67
7	14+27.58	46.76' LT	763.28 (M.E.)
8	14+23.17	46.36' LT	763.14 (M.E.)
9	14+18.58	36.78' LT	762.72
10	14+20.40	31.78' LT	762.62
11	14+16.96	36.78' LT	762.73
12	14+18.64	31.78' LT	762.63
13	14+16.42	41.78' LT	762.84
14	14+21.78	26.78' LT	762.50

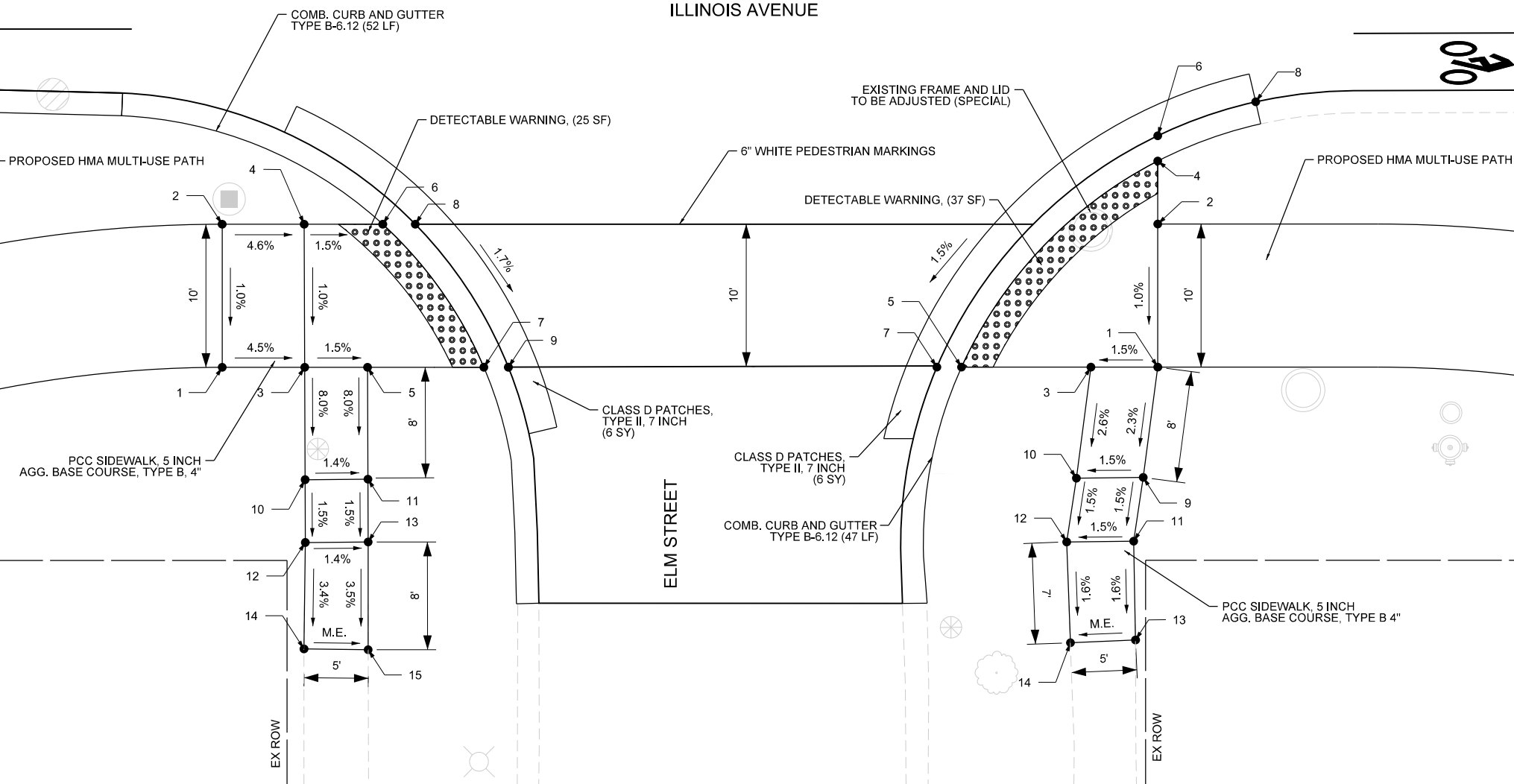
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	USER NAME - jthede	DESIGNED - MRQ	REVISED -	VILLAGE OF PALATINE	ILLINOIS AVENUE PHASE II ADA RAMP DETAILS	F.A.U. RTE. -	SECTION - 22-00112-00-RS	COUNTY - COOK	TOTAL SHEETS - 80	SHEET NO. - 35		
	PLOT SCALE = 10,000' / in.	CHECKED - JLT	REVISED -			SCALE: 1"=5'	SHEET 1 OF 12 SHEETS	STA. -	TO STA. -	CONTRACT NO. 61K08		
	PLOT DATE = 11/21/2023	DATE - 10/02/2023	REVISED -			ILLINOIS						



EX. ILLINOIS AVENUE

ILLINOIS AVENUE



ADA RAMP ILLINOIS AVE. @ ELM ST. SW CORNER			
POINT NO.	STATION	OFFSET	ELEVATION
1	22+03.56	36.69' RT	755.53
2	22+03.56	26.69' RT	755.63
3	22+09.33	36.69' RT	755.27
4	22+09.30	26.69' RT	755.37
5	22+13.72	36.69' RT	755.20
6	22+14.78	26.69' RT	755.29
7	22+21.85	36.69' RT	755.08
8	22+17.06	26.69' RT	755.30
9	22+23.57	36.69' RT	755.09
10	22+09.36	44.55' RT	754.64
11	22+13.75	44.51' RT	754.58
12	22+09.37	48.94' RT	754.57
13	22+13.76	49.90' RT	754.51
14	22+09.28	56.38' RT	754.32 (M.E.)
15	22+13.77	56.44' RT	754.25 (M.E.)

ADA RAMP ILLINOIS AVE. @ ELM ST. SE CORNER			
POINT NO.	STATION	OFFSET	ELEVATION
1	22+68.95	36.68' RT	754.87
2	22+68.95	26.68' RT	754.97
3	22+64.28	36.68' RT	754.80
4	22+68.95	22.27' RT	755.01
5	22+55.24	36.68' RT	754.66
6	22+68.95	20.51' RT	755.02
7	22+53.51	36.68' RT	754.67
8	22+75.80	18.13' RT	755.13
9	22+67.94	44.39' RT	754.69
10	22+63.26	44.45' RT	754.62
11	22+67.27	48.85' RT	754.62
12	22+62.59	48.90' RT	754.55
13	22+67.40	55.76' RT	754.51 (M.E.)
14	22+62.85	55.95' RT	754.44 (M.E.)

FILE NAME = F:\636-108 Illinois Ave Resurfacing and MUP Phase I & II\CAD Sheets\10_ADA Phase II\636-108_SHT_ADA_2_Elm Street_S.dgn



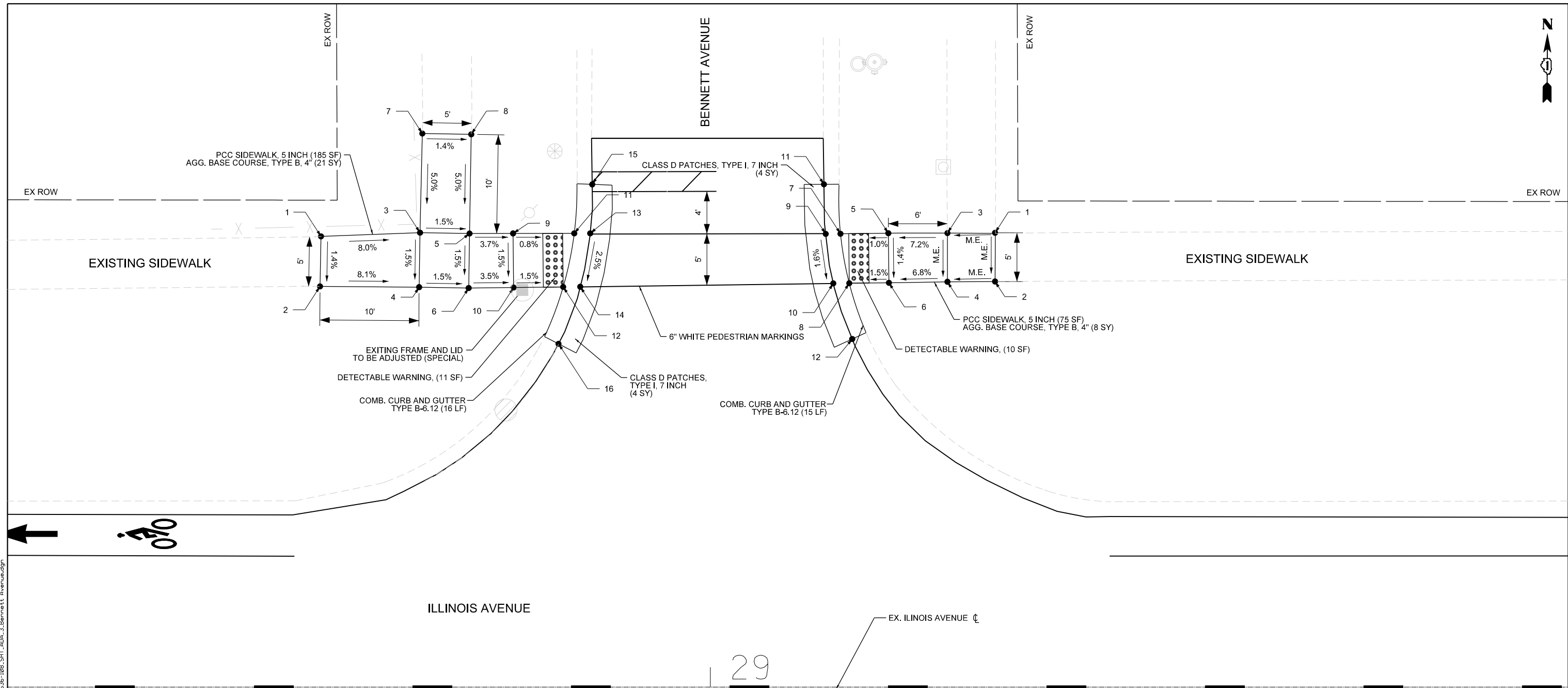
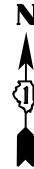
USER NAME = jthede	DESIGNED - MRQ	REVISED -
PLOT SCALE = 10,000' / in.	DRAWN - YC	REVISED -
PLOT DATE = 11/21/2023	CHECKED - JLT	REVISED -
	DATE - 10/02/2023	REVISED -

VILLAGE OF PALATINE

ILLINOIS AVENUE PHASE II
ADA DESIGN

SCALE: 1"=5' SHEET 2 OF 12 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4480	22-00112-00-RS	COOK	80	36
CONTRACT NO. 61K08				
ILLINOIS				



ADA RAMP ILLINOIS AVE. @ BENNETT AVE. NW CORNER			
POINT NO.	STATION	OFFSET	ELEVATION
1	28+60.72	45.46' LT	751.74 (M.E.)
2	28+60.62	40.41' LT	751.67 (M.E.)
3	28+70.71	45.83' LT	750.94
4	28+70.62	40.33' LT	750.86
5	28+75.71	45.75' LT	750.87
6	28+75.62	40.25' LT	750.79
7	28+70.94	55.83' LT	751.44 (M.E.)
8	28+75.88	55.75' LT	751.37 (M.E.)
9	28+80.10	45.75' LT	750.71
10	28+80.16	40.30' LT	750.63
11	28+86.27	45.76' LT	750.66
12	28+85.16	40.35' LT	750.55
13	28+87.88	45.76' LT	750.67
14	28+86.88	40.37' LT	750.56
15	28+88.09	50.70' LT	750.81
16	28+84.69	34.62' LT	750.39

ADA RAMP ILLINOIS AVE. @ BENNETT AVE. NE CORNER			
POINT NO.	STATION	OFFSET	ELEVATION
1	29+28.76	45.76' LT	751.37 (M.E.)
2	29+28.73	40.90' LT	751.29 (M.E.)
3	29+23.93	45.79' LT	751.28 (M.E.)
4	29+23.93	40.87' LT	751.18 (M.E.)
5	29+18.96	45.79' LT	750.85
6	29+19.02	40.79' LT	750.78
7	29+13.14	45.72' LT	750.80
8	29+14.02	40.73' LT	750.72
9	29+11.65	45.70' LT	750.81
10	29+12.41	40.71' LT	750.73
11	29+11.47	50.71' LT	750.90
12	29+14.32	35.11' LT	750.64

FILE NAME = F:\636108 Illinois Ave Resurfacing and MUP Phase I & II\CAD Sheets\10_ADA Phase II\636108-SHT_ADA_3_Bennett Avenue.dgn



USER NAME = jthede	DESIGNED - MRQ	REVISED -
PLOT SCALE = 10,000' / in.	DRAWN - YC	REVISED -
PLOT DATE = 11/21/2023	CHECKED - JLT	REVISED -
	DATE - 10/02/2023	REVISED -

VILLAGE OF PALATINE

ILLINOIS AVENUE PHASE II
ADA RAMP DETAILS

SCALE: 1"=5' SHEET 3 OF 12 SHEETS STA. TO STA.

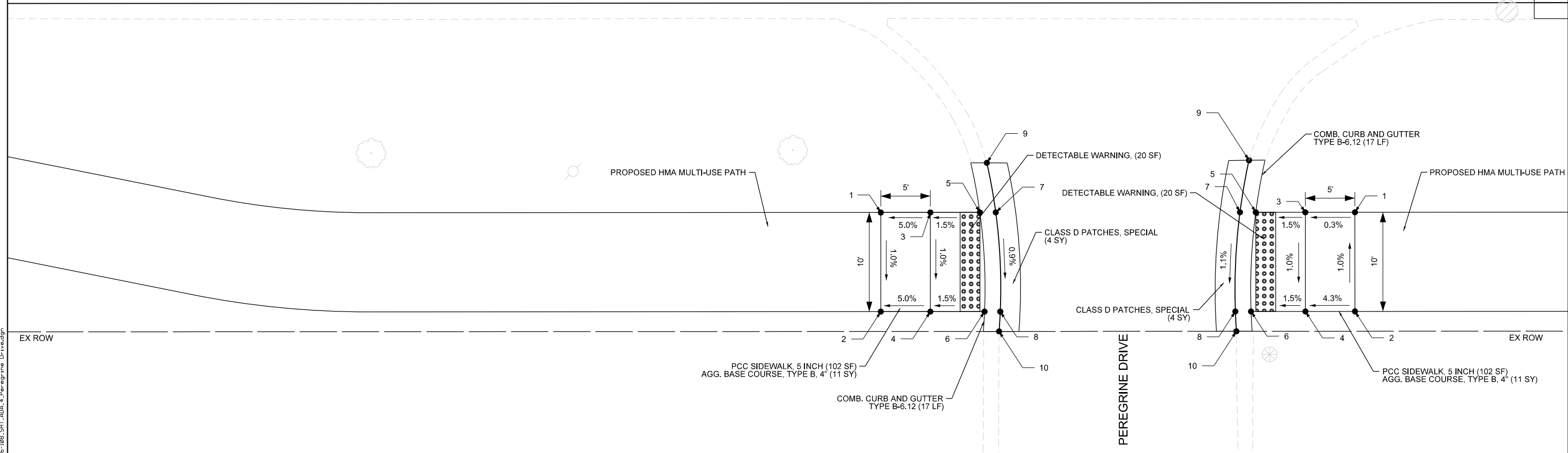
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4480	22-00112-00-RS	COOK	80	37
CONTRACT NO. 61K08			ILLINOIS	

29

30+00

EX. ILLINOIS AVENUE

ILLINOIS AVENUE



ADA RAMP ILLINOIS AVE. @ PEREGRINE DR. SW CORNER			
POINT NO.	STATION	OFFSET	ELEVATION
1	29+76.00	37.96' RT	748.94
2	29+76.00	47.96' RT	748.84
3	29+81.00	37.96' RT	749.19
4	29+81.00	47.96' RT	749.09
5	29+86.00	37.96' RT	749.26
6	29+86.46	47.96' RT	749.17
7	29+87.59	37.95' RT	749.27
8	29+88.05	47.96' RT	749.18
9	29+86.70	32.95' RT	749.32
10	29+87.93	49.96' RT	749.16

ADA RAMP ILLINOIS AVE. @ PEREGRINE DR. SE CORNER			
POINT NO.	STATION	OFFSET	ELEVATION
1	30+23.84	37.94' RT	749.79
2	30+23.84	47.94' RT	749.89
3	30+18.84	37.94' RT	749.78
4	30+18.84	47.94' RT	749.68
5	30+13.84	37.94' RT	749.71
6	30+13.36	47.94' RT	749.60
7	30+12.24	37.94' RT	749.72
8	30+11.77	47.94' RT	749.61
9	30+13.15	32.70' RT	749.77
10	30+11.88	49.94' RT	749.59

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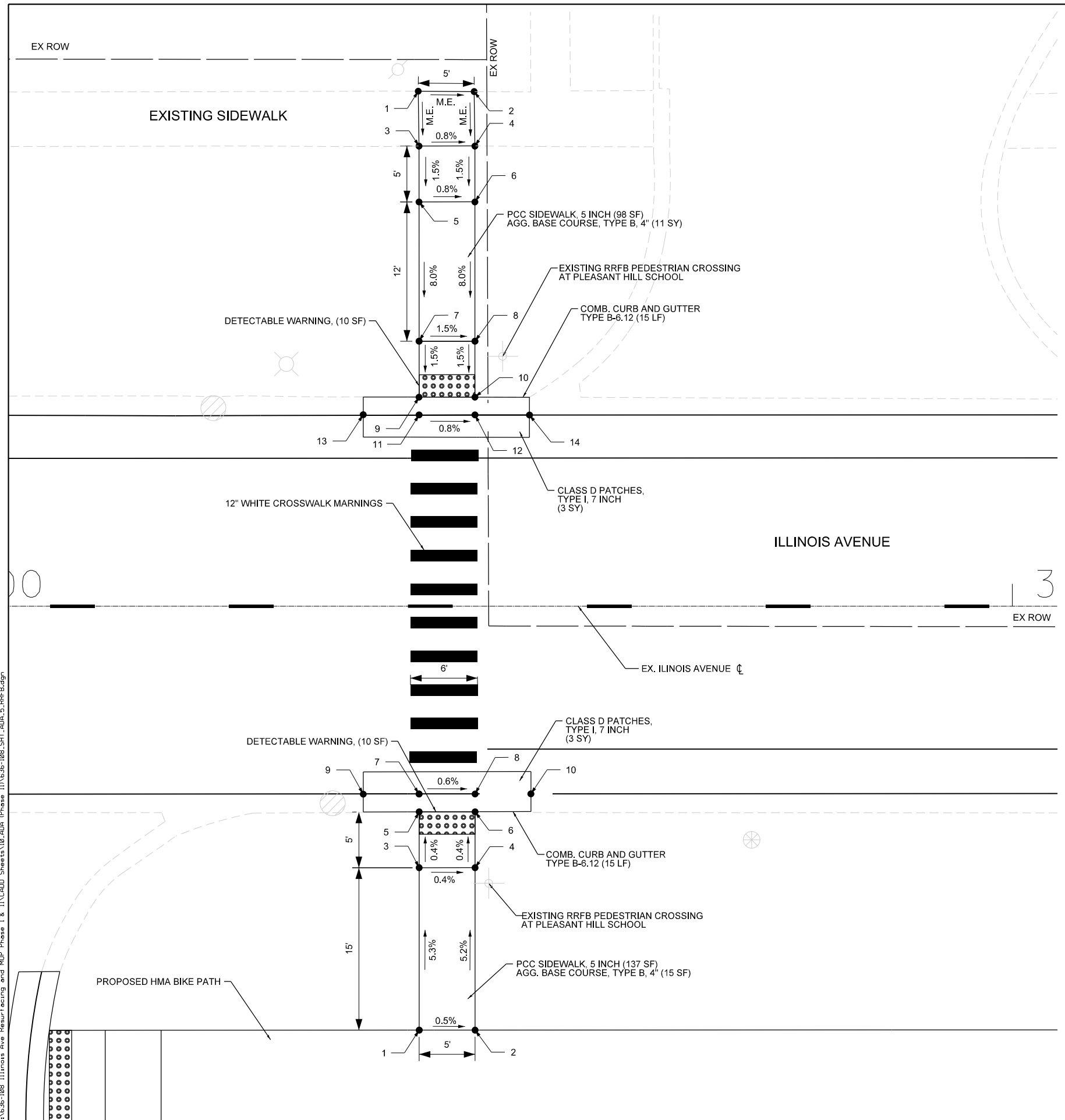
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	DATE - 10/02/2023	REVISED -

VILLAGE OF PALATINE

ILLINOIS AVENUE PHASE II
ADA RAMP DETAILS

SCALE: 1"=5' SHEET 4 OF 12 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4480	22-00112-00-RS	COOK	80	38
CONTRACT NO. 61K08			ILLINOIS	



ADA RAMP ILLINOIS AVE. @ RRFB N CORNER			
POINT NO.	STATION	OFFSET	ELEVATION
1	30+46.85	46.06' LT	751.17 (M.E.)
2	30+51.85	46.03' LT	750.68 (M.E.)
3	30+46.92	41.15' LT	750.43
4	30+51.92	41.17' LT	750.39
5	30+46.92	36.15' LT	750.35
6	30+51.92	36.17' LT	750.31
7	30+46.92	23.70' LT	749.35
8	30+51.93	23.69' LT	749.31
9	30+46.93	18.70' LT	749.28
10	30+51.93	18.69' LT	749.24
11	30+46.93	17.12' LT	749.29
12	30+51.93	17.11' LT	749.25
13	30+41.93	17.13' LT	749.33
14	30+56.80	17.10' LT	749.21

ADA RAMP ILLINOIS AVE. @ RRFB S CORNER			
POINT NO.	STATION	OFFSET	ELEVATION
1	30+46.94	37.93' RT	750.04
2	30+51.94	37.92' RT	750.01
3	30+46.935	23.40' RT	749.27
4	30+51.935	23.40' RT	749.26
5	30+46.93	18.40' RT	749.25
6	30+51.93	18.38' RT	749.24
7	30+46.93	16.81' RT	749.26
8	30+51.93	16.80' RT	749.25 (M.E.)
9	30+41.93	16.83' RT	749.30
10	30+56.93	16.79' RT	749.20 (M.E.)

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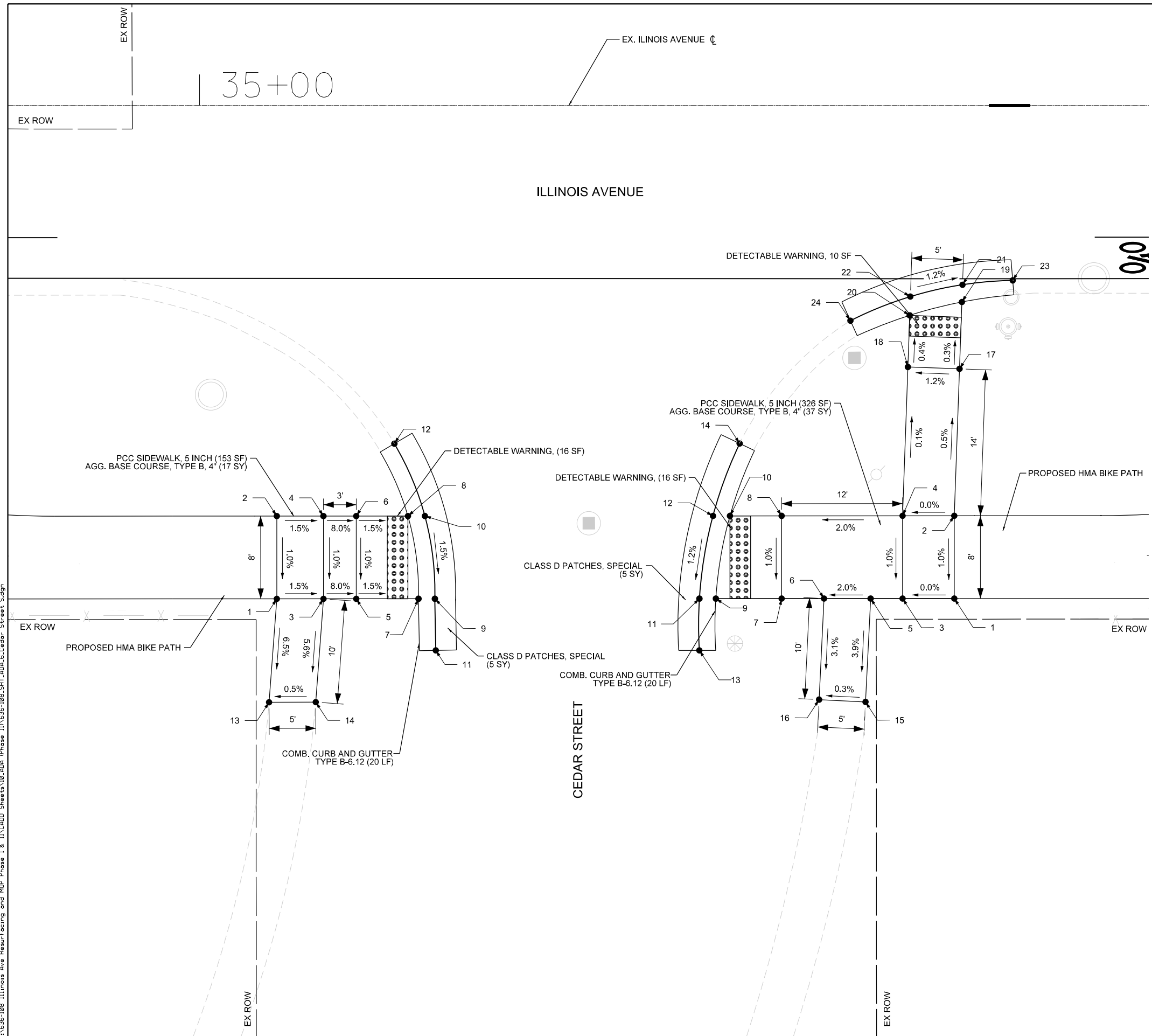
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PLOT DATE = 11/21/2023	CHECKED - JLT	REVISED -
	DATE - 10/02/2023	REVISED -

VILLAGE OF PALATINE

ILLINOIS AVENUE PHASE II
ADA RAMP DETAILS

SCALE: 1"=5' SHEET 5 OF 12 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4480	22-00112-00-RS	COOK	80	39
CONTRACT NO. 61K08			ILLINOIS	



ADA RAMP ILLINOIS AVE. @ CEDAR ST. SW CORNER			
POINT NO.	STATION	OFFSET	ELEVATION
1	35+07.48	47.71' RT	748.07
2	35+07.47	39.71' RT	748.15
3	35+11.99	47.71' RT	748.00
4	35+11.99	39.71' RT	748.08
5	35+15.16	47.71' RT	747.75
6	35+15.16	39.71' RT	747.83
7	35+21.18	47.70' RT	747.66
8	35+20.16	39.70' RT	747.78
9	35+22.77	47.70' RT	747.67
10	35+21.80	39.70' RT	747.79
11	35+22.85	52.70' RT	747.44
12	35+18.85	32.70' RT	748.10
13	35+06.73	57.71' RT	747.41 (M.E.)
14	35+11.24	57.70' RT	747.44 (M.E.)

ADA RAMP ILLINOIS AVE. @ CEDAR ST. SE CORNER			
POINT NO.	STATION	OFFSET	ELEVATION
1	35+73.01	47.68' RT	748.12
2	35+73.01	39.68' RT	748.20
3	35+68.01	47.68' RT	748.12
4	35+68.01	39.68' RT	748.20
5	35+64.92	47.68' RT	748.06
6	35+60.41	47.69' RT	747.97
7	35+56.31	47.69' RT	747.88
8	35+56.31	39.69' RT	747.96
9	35+49.94	47.69' RT	747.79
10	35+51.31	39.69' RT	747.89
11	35+48.36	47.69' RT	747.80
12	35+49.67	39.69' RT	747.90
13	35+48.35	52.70' RT	747.51
14	35+52.25	32.69' RT	748.08
15	35+64.43	57.68' RT	747.66 (M.E.)
16	35+59.93	57.46' RT	747.65 (M.E.)
17	35+73.52	25.47' RT	748.13
18	35+68.52	25.29' RT	748.19
19	35+73.75	19.00' RT	748.11
20	35+68.70	20.30' RT	748.17
21	35+73.81	17.33' RT	748.12
22	35+68.76	18.48' RT	748.18
23	35+78.66	16.92' RT	748.08
24	35+62.96	20.81' RT	748.27

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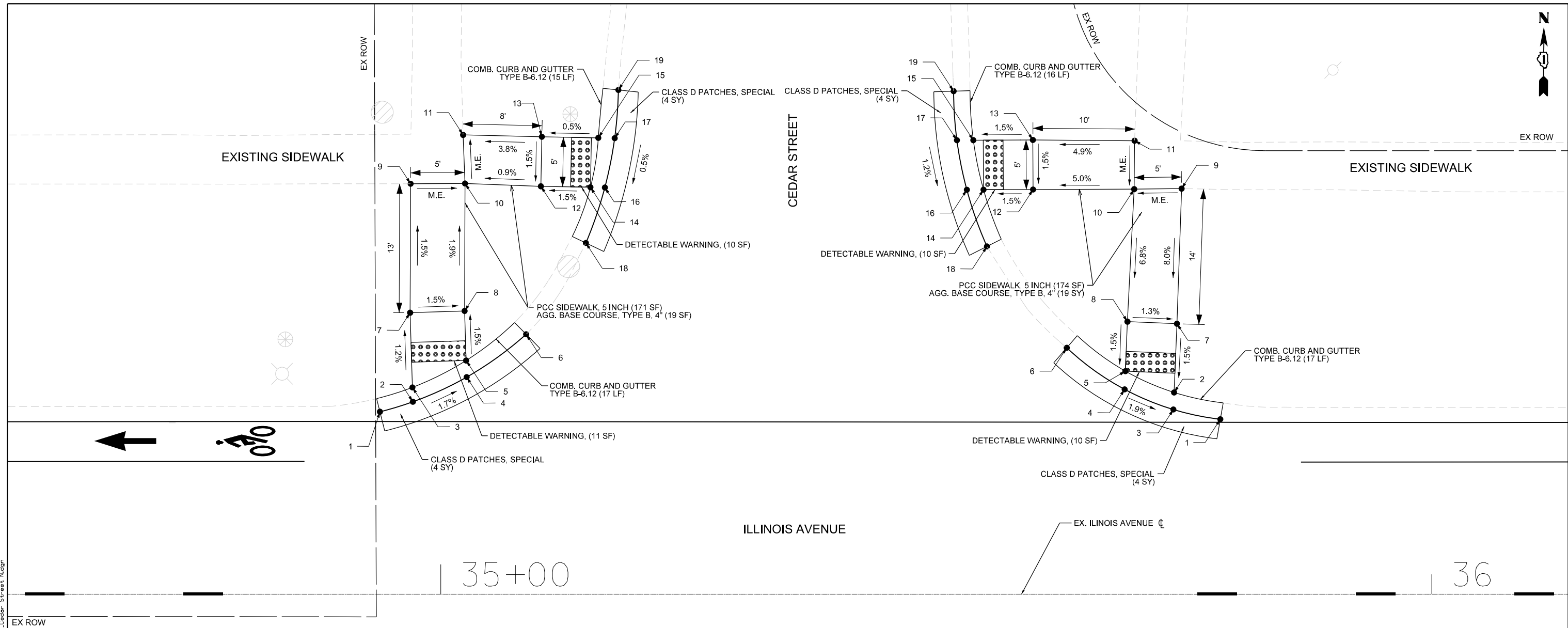
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	PLOT DATE = 11/21/2023	CHECKED - JLT	REVISED -
		DATE - 10/02/2023	REVISED -

VILLAGE OF PALATINE

**ILLINOIS AVENUE PHASE II
ADA RAMP DETAILS**

SCALE: 1"=5' SHEET 6 OF 12 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4480	22-00112-00-RS	COOK	80	40
CONTRACT NO. 61K08				
ILLINOIS				



36

ADA RAMP ILLINOIS AVE. @ CEDAR ST. NW CORNER			
POINT NO.	STATION	OFFSET	ELEVATION
1	34+93.85	18.40' LT	749.04
2	34+97.18	19.41' LT	748.98
3	34+97.14	20.86' LT	748.97
4	35+02.61	21.89' LT	748.88
5	35+02.56	23.57' LT	748.87
6	35+08.61	26.21' LT	748.76
7	34+96.90	28.39' LT	748.88
8	35+02.40	28.57' LT	748.80
9	34+96.95	41.40' LT	748.69 (M.E.)
10	35+02.44	41.43' LT	748.56 (M.E.)
11	35+02.25	46.33' LT	748.40 (M.E.)
12	35+10.10	41.14' LT	748.63
13	35+10.20	46.14' LT	748.70
14	35+15.10	41.05' LT	748.70
15	35+15.89	46.03' LT	748.73
16	35+16.56	41.02' LT	748.71
17	35+17.55	46.00' LT	748.74
18	35+14.64	35.43' LT	748.68
19	35+17.92	50.86' LT	748.76

ADA RAMP ILLINOIS AVE. @ CEDAR ST. NE CORNER			
POINT NO.	STATION	OFFSET	ELEVATION
1	35+78.66	17.65' LT	748.03
2	35+73.99	20.35' LT	748.11
3	35+73.92	18.63' LT	748.12
4	35+69.00	20.66' LT	748.23
5	35+69.08	22.49' LT	748.22
6	35+63.16	24.85' LT	748.37
7	35+74.28	27.28' LT	748.22
8	35+69.29	27.49' LT	748.29
9	35+74.75	40.91' LT	749.32 (M.E.)
10	35+69.97	40.85' LT	749.20 (M.E.)
11	35+70.01	45.74' LT	749.26 (M.E.)
12	35+59.76	40.82' LT	748.69
13	35+59.74	45.82' LT	748.76
14	35+54.76	40.80' LT	748.61
15	35+53.73	45.80' LT	748.67
16	35+53.08	40.80' LT	748.62
17	35+52.08	45.79' LT	748.68
18	35+55.11	35.08' LT	748.55
19	35+51.75	50.74' LT	748.74

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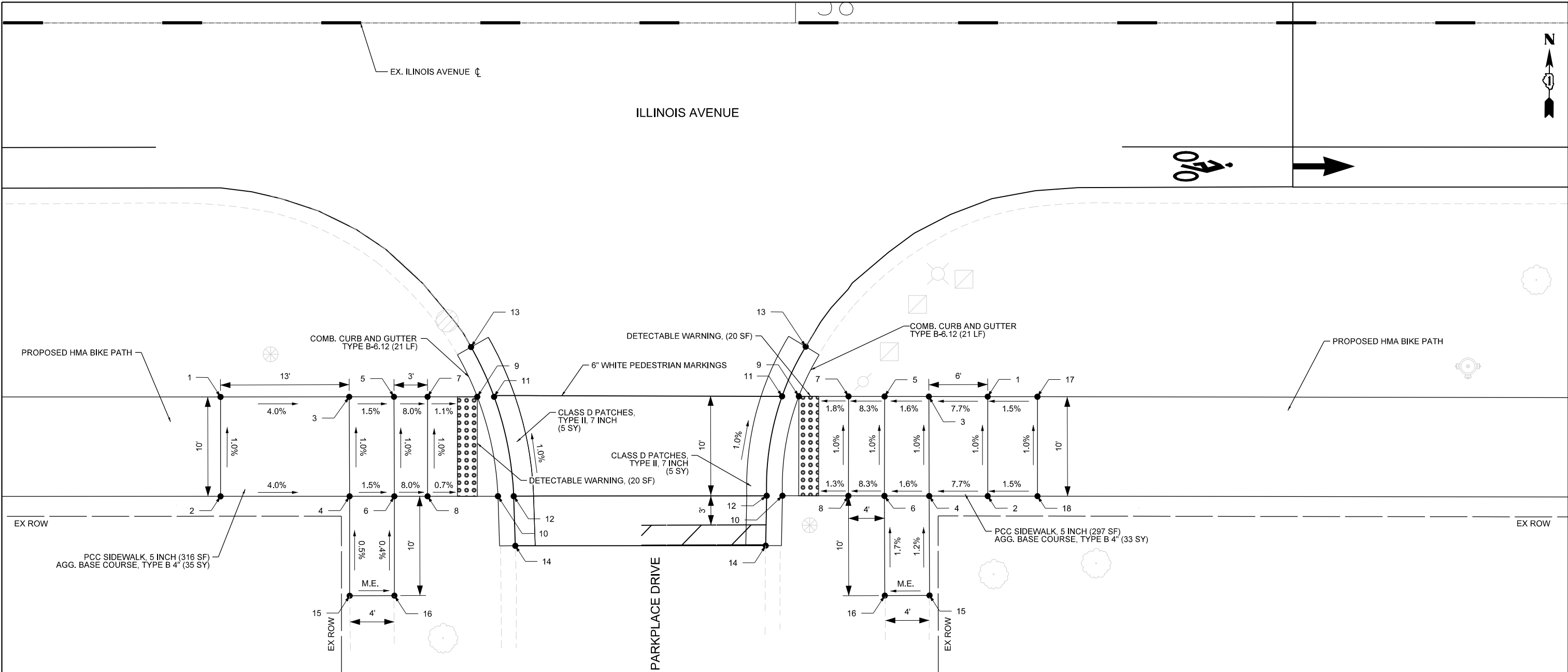
VILLAGE OF PALATINE

ILLINOIS AVENUE PHASE II
ADA RAMP DETAILS

SCALE: 1"=5' SHEET 7 OF 12 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4480	22-00112-00-RS	COOK	80	41
ILLINOIS			CONTRACT NO. 61K08	

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ADA RAMP ILLINOIS AVE. @ PARKPLACE DR. SW CORNER

POINT NO.	STATION	OFFSET	ELEVATION
1	37+42.19	37.60' RT	746.89
2	37+42.19	47.60' RT	746.99
3	37+55.13	37.59' RT	746.37
4	37+55.17	47.59' RT	746.47
5	37+59.63	37.59' RT	746.30
6	37+59.67	47.59' RT	746.40
7	37+63.00	37.59' RT	746.03
8	37+63.00	47.59' RT	746.13
9	37+68.00	37.59' RT	745.98
10	37+70.08	47.59' RT	746.08
11	37+69.69	37.59' RT	745.99
12	37+71.67	47.57' RT	746.09
13	37+67.38	32.59' RT	745.93
14	37+71.83	52.57' RT	746.14
15	37+55.17	57.59' RT	746.52 (M.E.)
16	37+59.67	57.58' RT	746.44 (M.E.)

ADA RAMP ILLINOIS AVE. @ PARKPLACE DR. SE CORNER

POINT NO.	STATION	OFFSET	ELEVATION
1	38+19.32	37.57' RT	746.32
2	38+19.33	47.57' RT	746.42
3	38+13.41	37.56' RT	746.31
4	38+14.44	47.56' RT	746.41
5	38+08.96	37.56' RT	746.24
6	38+08.94	47.56' RT	746.34
7	38+05.33	37.55' RT	745.94
8	38+05.32	47.55' RT	746.04
9	38+00.33	37.54' RT	745.85
10	37+98.69	47.54' RT	745.95
11	37+98.65	37.54' RT	745.86
12	37+97.01	52.55' RT	745.96
13	38+01.02	32.54' RT	745.80
14	37+97.10	47.54' RT	746.01
15	38+13.47	57.56' RT	746.53 (M.E.)
16	38+08.97	57.58' RT	746.51 (M.E.)
17	38+24.32	37.58' RT	746.39
18	38+24.33	47.58' RT	746.49



USER NAME - jthede	DESIGNED - MRQ	REVISED -
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PLOT DATE = 11/21/2023	CHECKED - JLT	REVISED -
	DATE - 10/02/2023	REVISED -

VILLAGE OF PALATINE

ILLINOIS AVENUE PHASE II
ADA RAMP DETAILS

SCALE: 1"=5' SHEET 8 OF 12 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4480	22-00112-00-RS	COOK	80	42
CONTRACT NO. 61K08			ILLINOIS	

44

45+00



ILLINOIS AVENUE

EX. ILLINOIS AVENUE

PROPOSED HMA BIKE PATH

PROPOSED HMA BIKE PATH

DETECTABLE WARNING, (20 SF)

DETECTABLE WARNING, (20 SF)

CARDINAL PARK
ENTRANCE

PCC SIDEWALK, 5 INCH (93 SF)
AGG. BASE COURSE, TYPE B, 4" (10 SY)

PCC SIDEWALK, 5 INCH (122 SF)
AGG. BASE COURSE, TYPE B, 4" (14 SY)

COMB. CURB AND GUTTER
TYPE B-6.12 (37 LF)

COMB. CURB AND GUTTER
TYPE B-6.12 (31 LF)

PCC DRIVEWAY PAVEMENT, 7 INCH
AGG. BASE COURSE, TYPE B, 4" (81 SY)

EX ROW

EX ROW

ADA RAMP ILLINOIS AVE. @ CARDINAL PARK SE CORNER			
POINT NO.	STATION	OFFSET	ELEVATION
1	44+52.54	22.95' RT	729.16
2	44+52.53	32.95' RT	729.06
3	44+47.79	22.94' RT	729.14
4	44+47.78	32.94' RT	729.04
5	44+41.79	22.43' RT	729.08
6	44+37.34	32.94' RT	728.88
7	44+39.72	22.93' RT	729.09
8	44+35.75	32.93' RT	728.89
9	44+35.63	40.97' RT	728.41
10	44+52.47	37.95' RT	728.95 (M.E.)
11	44+47.75	37.93' RT	728.97 (M.E.)

ADA RAMP ILLINOIS AVE. @ CARDINAL PARK SW CORNER			
POINT NO.	STATION	OFFSET	ELEVATION
1	43+95.37	22.86' RT	729.27
2	43+95.37	32.86' RT	729.17
3	44+01.48	22.87' RT	729.18
4	44+05.86	32.88' RT	729.10
5	44+03.87	22.88' RT	729.19
6	44+07.44	32.88' RT	729.11
7	44+07.23	41.53' RT	728.28

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	DATE - 10/02/2023	REVISED -

VILLAGE OF PALATINE

ILLINOIS AVENUE PHASE II
ADA RAMP DETAILS

SCALE: 1"=5' SHEET 9 OF 12 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4480	22-00112-00-RS	COOK	80	43
CONTRACT NO. 61K08			ILLINOIS	

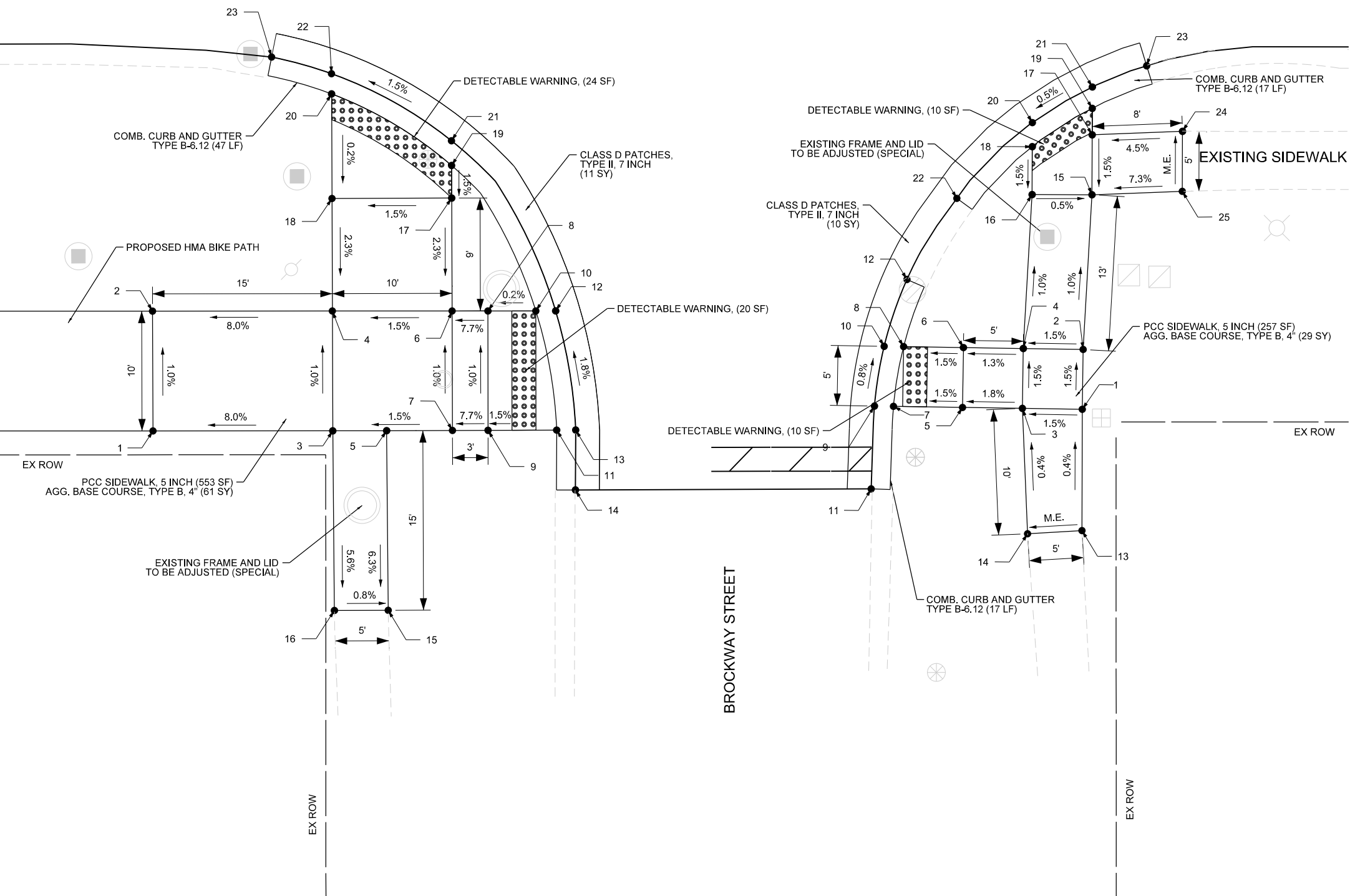


55+00

EX. ILLINOIS AVENUE

ILLINOIS AVENUE

BROCKWAY STREET



ADA RAMP ILLINOIS AVE. @ BROCKWAY ST. SE CORNER

POINT NO.	STATION	OFFSET	ELEVATION
1	55+28.19	47.70' RT	735.38
2	55+28.25	42.70' RT	735.30
3	55+23.19	47.62' RT	735.30
4	55+23.27	42.62' RT	735.23
5	55+18.19	47.54' RT	735.41
6	55+18.27	42.54' RT	735.36
7	55+12.42	47.45' RT	735.32
8	55+13.27	42.46' RT	735.28
9	55+10.84	47.42' RT	735.33
10	55+11.65	42.44' RT	735.29
11	55+10.56	54.34' RT	735.36
12	55+13.55	36.85' RT	735.10
13	55+28.16	57.82' RT	735.62 (M.E.)
14	55+23.62	58.09' RT	735.54 (M.E.)
15	55+29.00	29.78' RT	735.18
16	55+24.00	29.77' RT	735.20
17	55+29.01	24.78' RT	735.25
18	55+24.02	25.77' RT	735.26
19	55+29.03	22.57' RT	735.29
20	55+24.02	23.76' RT	735.27
21	55+29.03	20.78' RT	735.30
22	55+17.72	30.08' RT	735.23
23	55+33.57	19.02' RT	735.32
24	55+36.56	24.49' RT	735.59 (M.E.)
25	55+36.54	29.49' RT	735.73 (M.E.)

ADA RAMP ILLINOIS AVE. @ BROCKWAY ST. SW CORNER

POINT NO.	STATION	OFFSET	ELEVATION
1	54+50.58	49.50' RT	733.46
2	54+50.55	39.50' RT	733.36
3	54+65.60	49.49' RT	734.66
4	54+65.56	39.49' RT	734.56
5	54+70.10	49.48' RT	734.73
6	54+75.56	39.48' RT	734.71
7	54+75.60	49.46' RT	734.81
8	54+78.56	39.48' RT	734.95
9	54.78.56	49.45' RT	735.05
10	54+82.60	39.48' RT	734.95
11	54+84.30	49.43' RT	735.13
12	54+84.21	39.48' RT	734.96
13	54+85.88	49.43' RT	735.14
14	54+85.86	54.43' RT	735.23
15	54+70.23	64.48' RT	733.79 (M.E.)
16	54+65.73	64.50' RT	733.82 (M.E.)
17	54+75.53	30.06' RT	734.93
18	54+65.53	30.09' RT	734.78
19	54+75.52	27.34' RT	734.97
20	54+65.50	21.36' RT	734.80
21	54+75.51	25.27' RT	734.98
22	54+65.49	19.67' RT	734.81
23	54+60.49	18.28' RT	734.73

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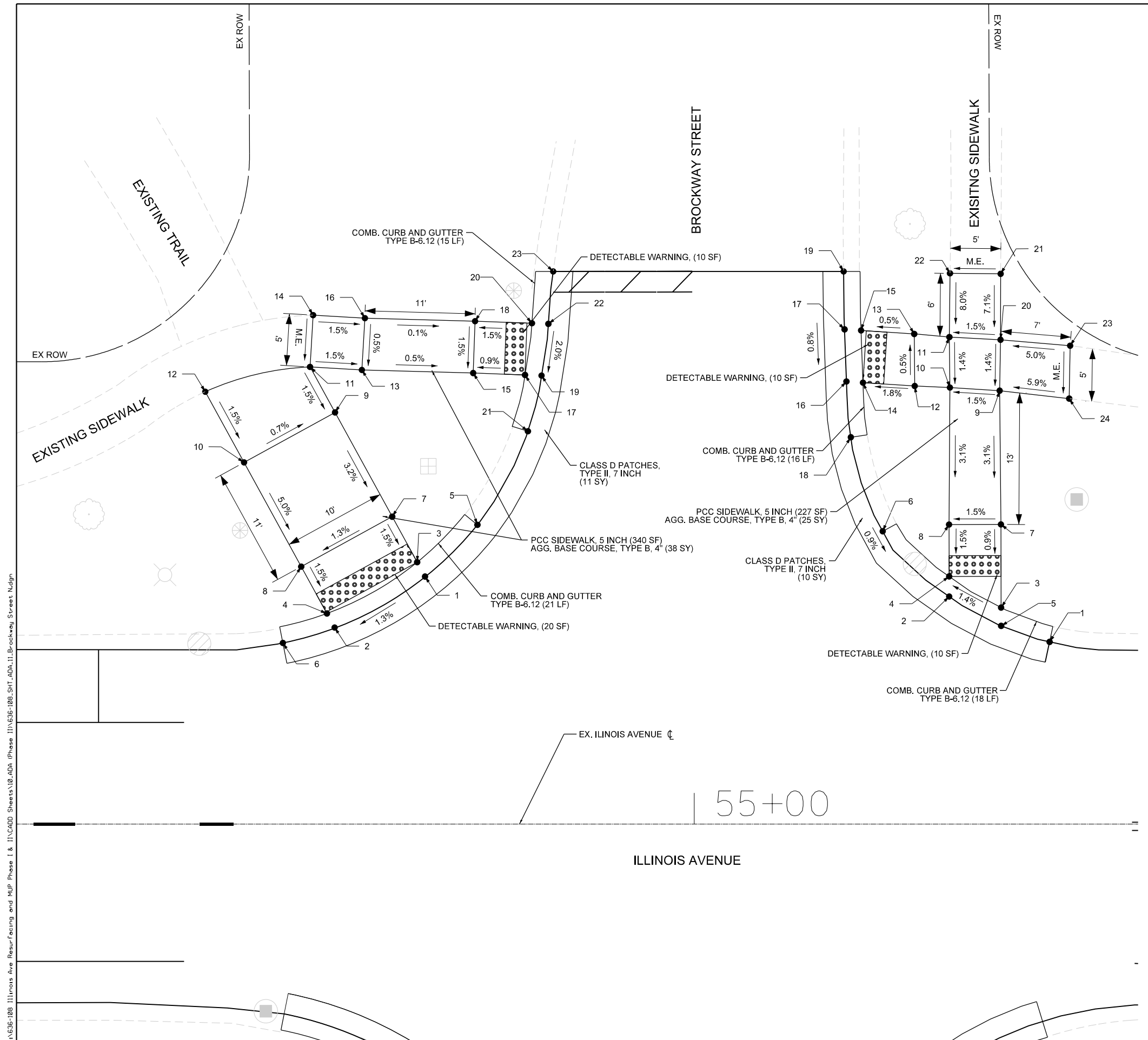
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DRAWN - YC	REVISED -	
CHECKED - JLT	REVISED -	
DATE - 10/02/2023	REVISED -	

VILLAGE OF PALATINE

ILLINOIS AVENUE PHASE II
ADA RAMP DETAILS

SCALE: 1"=5' SHEET 10 OF 12 SHEETS STA. TO STA.

F.A.U. RTE. 4480	SECTION 22-00112-00-RS	COUNTY COOK	TOTAL SHEETS 80	SHEET NO. 44
CONTRACT NO. 61K08			ILLINOIS	



ADA RAMP ILLINOIS AVE. @ BROCKWAY ST. NW CORNER

POINT NO.	STATION	OFFSET	ELEVATION
1	54+74.06	23.83' LT	734.81
2	54+65.35	18.88' LT	734.68
3	54+73.30	25.23' LT	734.80
4	54+64.61	20.29' LT	734.67
5	54+79.11	28.83' LT	734.91
6	54+60.37	17.45' LT	734.61
7	54+70.90	29.61' LT	734.88
8	54+62.13	24.80' LT	734.75
9	54+64.06	42.08' LT	735.24
10	54+56.62	34.85' LT	735.31
11	54+65.39	39.66' LT	735.31 (M.E.)
12	54+52.89	41.65' LT	735.43 (M.E.)
13	54+67.97	43.75' LT	735.24
14	54+63.27	49.03' LT	735.34 (M.E.)
15	54+78.70	43.45' LT	735.18
16	54+68.27	48.74' LT	735.27
17	54+83.69	43.27' LT	735.22
18	54+78.88	48.45' LT	735.28
19	54+85.29	43.21' LT	735.23
20	54+84.36	48.25' LT	735.36
21	54+83.97	37.84' LT	735.12
22	54+85.94	48.19' LT	735.37
23	54+86.41	53.24' LT	735.47

ADA RAMP ILLINOIS AVE. @ BROCKWAY ST. NE CORNER

POINT NO.	STATION	OFFSET	ELEVATION
1	55+34.24	17.56' LT	735.24
2	55+24.56	21.92' LT	735.16
3	55+29.57	20.86' LT	735.23
4	55+24.56	23.86' LT	735.15
5	55+29.57	19.10' LT	735.24
6	55+18.16	28.21' LT	735.15
7	55+29.55	28.87' LT	735.30
8	55+24.55	28.86' LT	735.23
9	55+29.43	41.76' LT	735.71
10	55+24.63	42.05' LT	735.64
11	55+24.58	46.92' LT	735.71
12	55+21.24	42.20' LT	735.46
13	55+21.55	47.16' LT	735.44
14	55+16.25	42.53' LT	735.37
15	55+16.07	47.55' LT	735.41
16	55+14.66	42.64' LT	735.38
17	55+14.48	47.66' LT	735.42
18	55+15.09	37.27' LT	735.23
19	55+14.39	53.24' LT	735.46
20	55+29.51	46.66' LT	735.78
21	55+29.52	53.01' LT	736.21 (M.E.)
22	55+23.64	53.06' LT	736.19 (M.E.)
23	55+36.21	46.08' LT	736.14 (M.E.)
24	55+36.13	40.99' LT	736.12 (M.E.)

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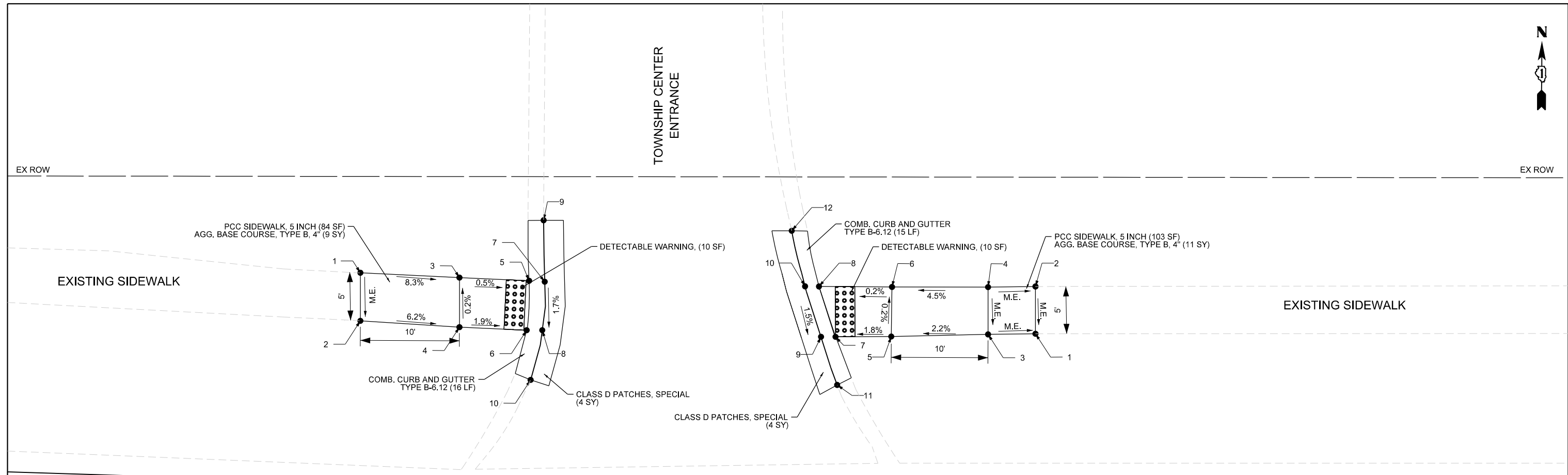
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		DATE = 10/02/2023	REVISED =

VILLAGE OF PALATINE

**ILLINOIS AVENUE PHASE II
ADA RAMP DETAILS**

SCALE: 1"=5' SHEET 11 OF 12 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4480	22-00112-00-RS	COOK	80	45
CONTRACT NO. 61K08				
ILLINOIS				



ILLINOIS AVENUE

EX. ILLINOIS AVENUE CL

ONLY

ADA RAMP ILLINOIS AVE. @TOWNSHIP CENTER ENTRANCE. NW CORNER

POINT NO.	STATION	OFFSET	ELEVATION
1	10+55.76	37.93' LT	760.96 (M.E.)
2	10+55.75	33.08' LT	760.76 (M.E.)
3	10+65.76	37.44' LT	760.13
4	10+65.93	32.43' LT	760.14
5	10+72.80	37.12' LT	760.09
6	10+72.54	32.13' LT	760.01
7	10+73.37	37.12' LT	760.10
8	10+74.12	32.13' LT	760.02
9	10+74.26	43.22' LT	760.50 (M.E.)
10	10+72.94	27.12' LT	759.82 (M.E.)

ADA RAMP ILLINOIS AVE. @TOWNSHIP CENTER ENTRANCE. NE CORNER

POINT NO.	STATION	OFFSET	ELEVATION
1	11+23.89	31.77' LT	759.86 (M.E.)
2	11+2388	36.54' LT	760.11 (M.E.)
3	11+19.10	31.71' LT	759.92 (M.E.)
4	11+19.09	36.48' LT	760.15 (M.E.)
5	11+09.33	31.50' LT	759.70
6	11+09.41	36.50' LT	759.69
7	11+03.71	31.47' LT	759.60
8	11+02.04	36.55' LT	759.68
9	11+02.24	31.74' LT	759.61
10	11+00.64	36.55' LT	759.69
11	11+03.88	26.61' LT	759.18 (M.E.)
12	10+99.29	42.16' LT	760.17 (M.E.)

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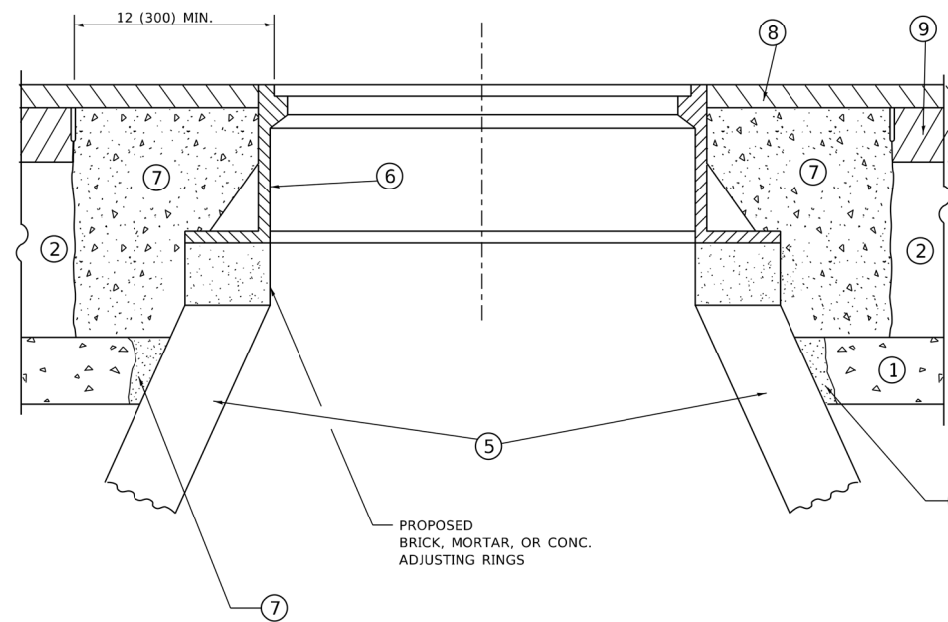
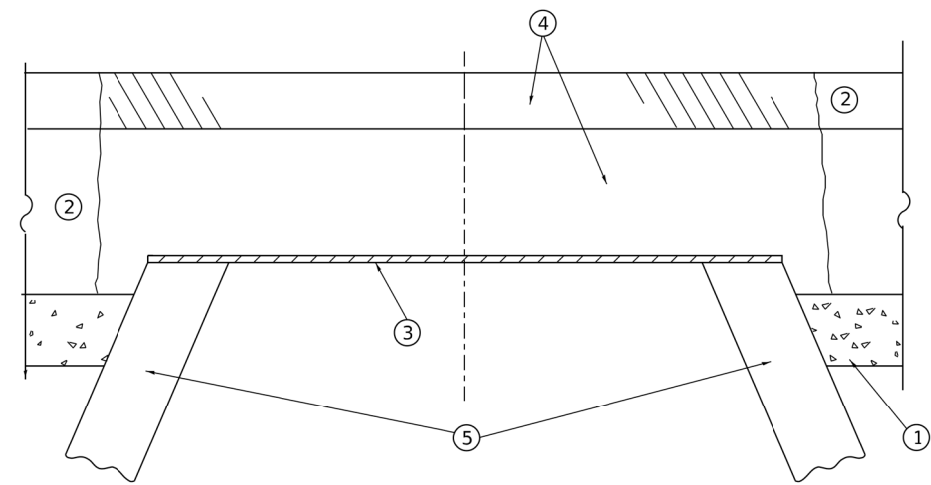
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	DATE - 10/02/2023	REVISED -

VILLAGE OF PALATINE

ILLINOIS AVENUE PHASE II
ADA RAMP DETAILS

SCALE: 1"=5' SHEET 12 OF 12 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4480	22-00112-00-RS	COOK	80	46
CONTRACT NO. 61K08				
ILLINOIS				



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

NOTES

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

CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

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

STAGE 2 (AFTER PAVEMENT MILLING)

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

* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

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

LEGEND

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

LOCATION OF STRUCTURES

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

BASIS OF PAYMENT

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

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

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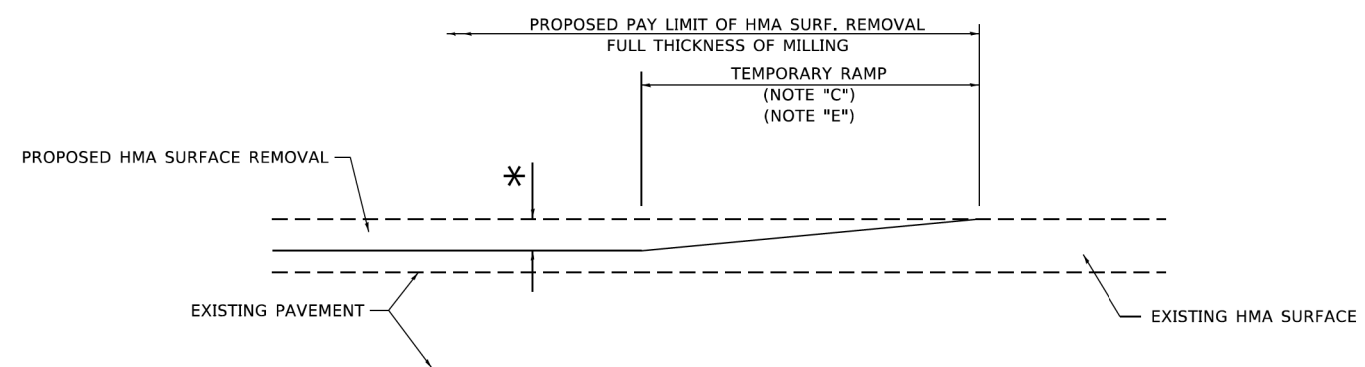
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PLOT DATE = 9/15/2023	DATE - 10-25-94	REVISED - K. SMITH 09-15-23

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

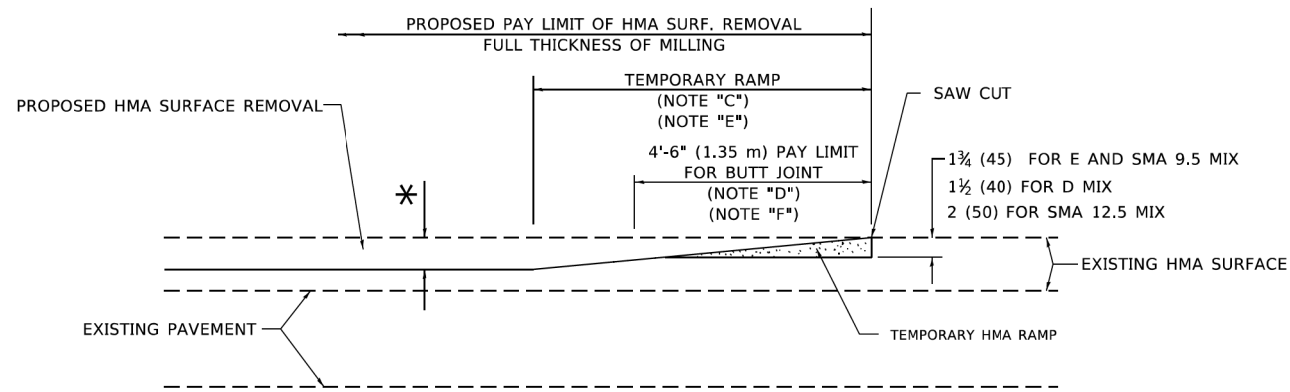
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4480	22-00112-00-RS	COOK	80	47
BD600-03 (BD-08)			CONTRACT NO. 61K08	
ILLINOIS FED. AID PROJECT				



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

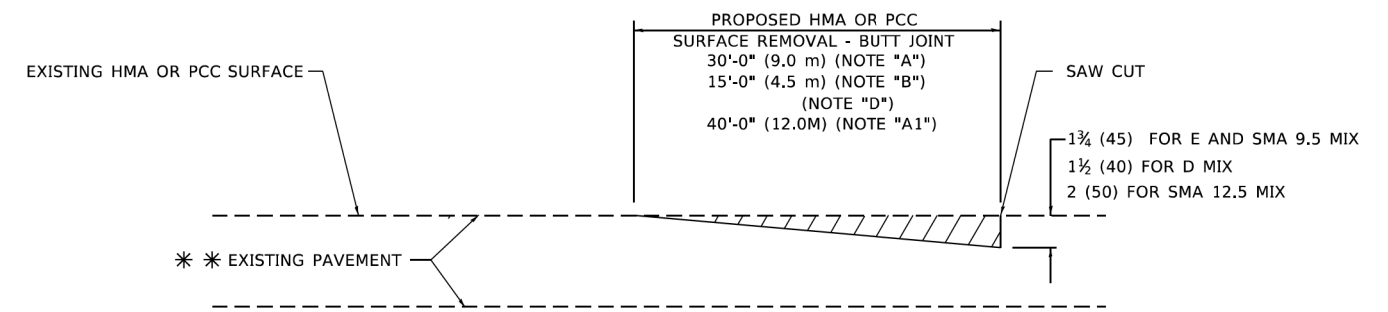


HMA CONSTRUCTED TEMPORARY RAMP

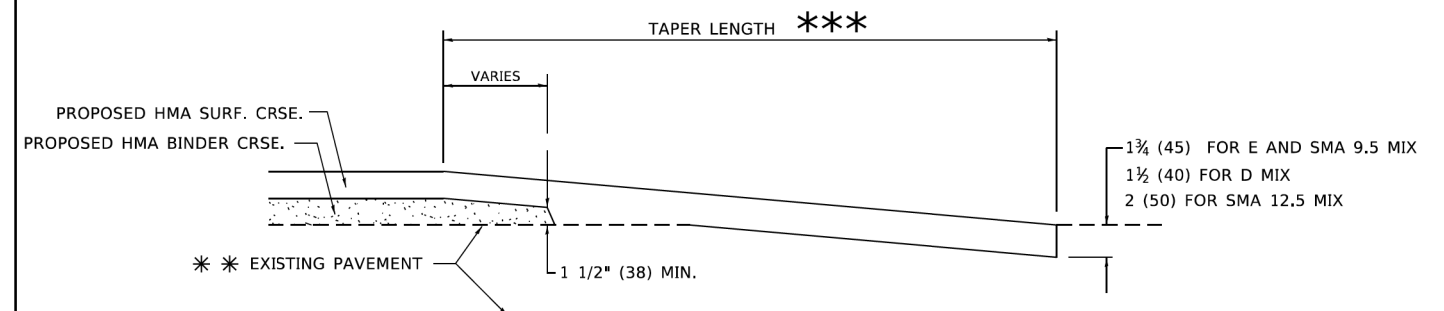
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2

TYPICAL TEMPORARY RAMP



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

*** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

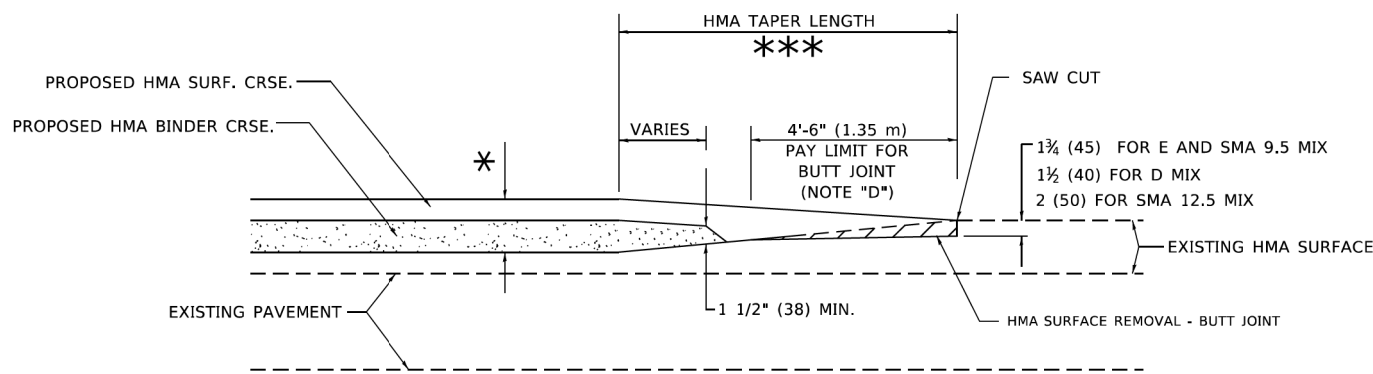
GENERAL NOTES

- 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.



BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

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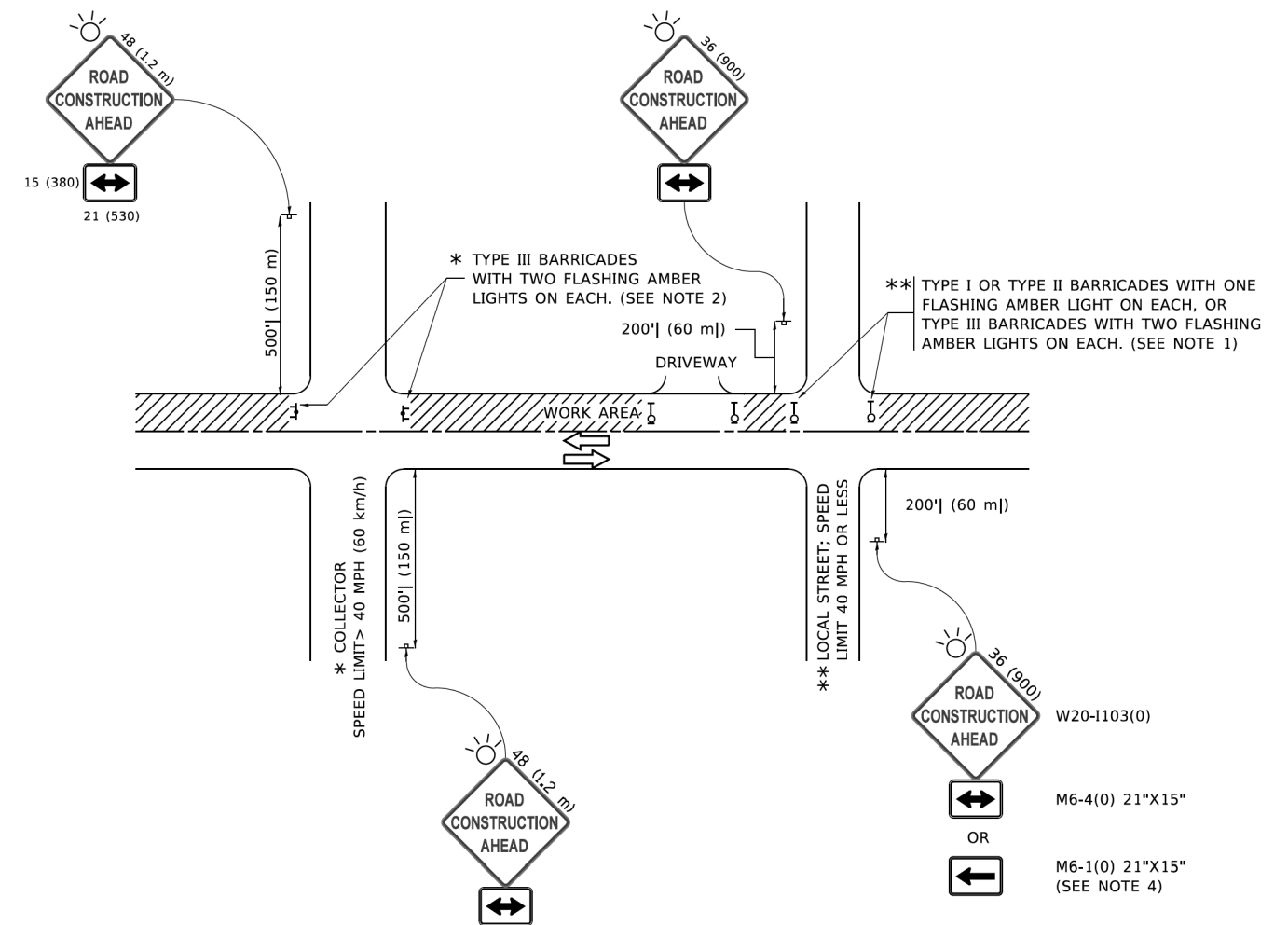
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PLOT DATE = 11/18/2022	DATE - 06-13-90	REVISED - K. SMITH 11-18-22

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND
HMA TAPER DETAILS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4480	22-00112-00-RS	COOK	80	49
BD400-05 BD-32		CONTRACT NO. 61K08		
ILLINOIS FED. AID PROJECT				



NOTES:

- SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
- SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
- CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
- WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
- ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
- THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

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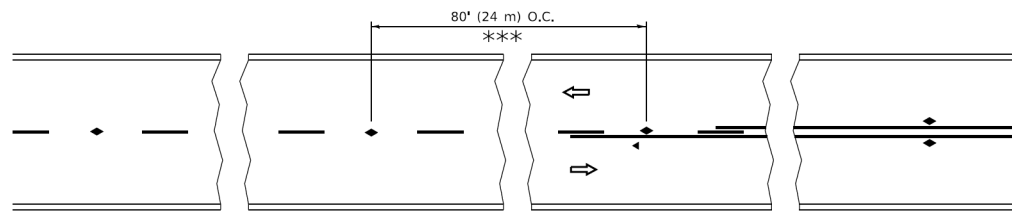
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PLOT DATE = 3/4/2019	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

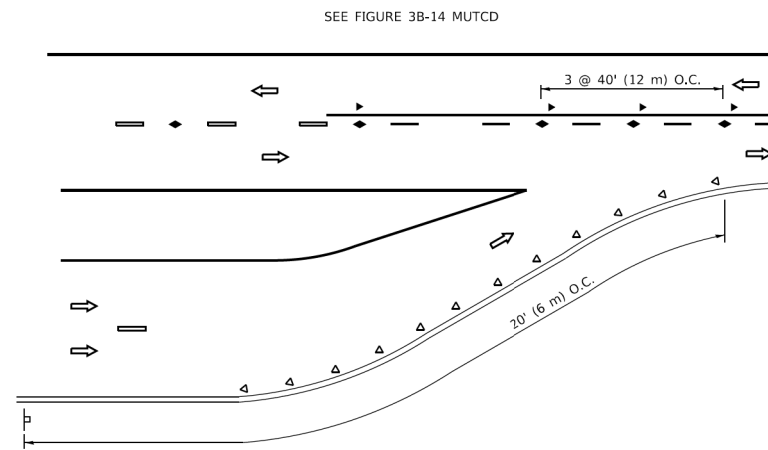
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TC-10		CONTRACT NO. 61K08		
ILLINOIS FED. AID PROJECT				

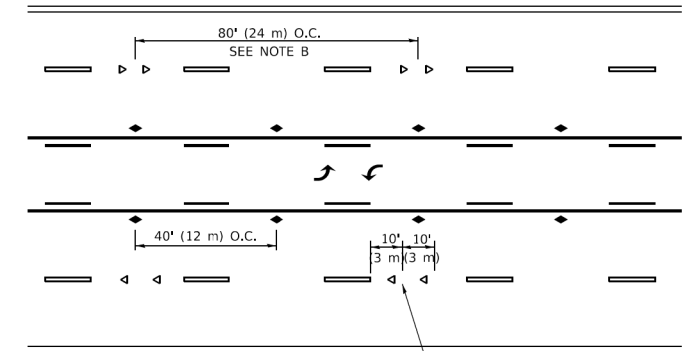


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

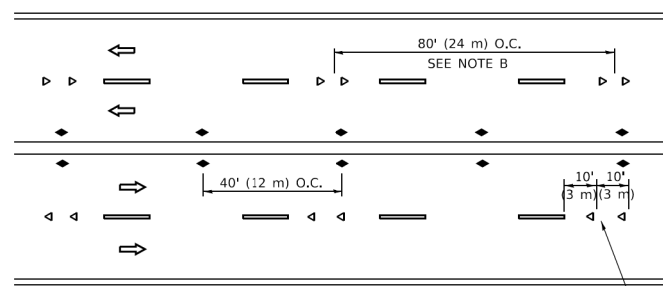
TWO-LANE/TWO-WAY



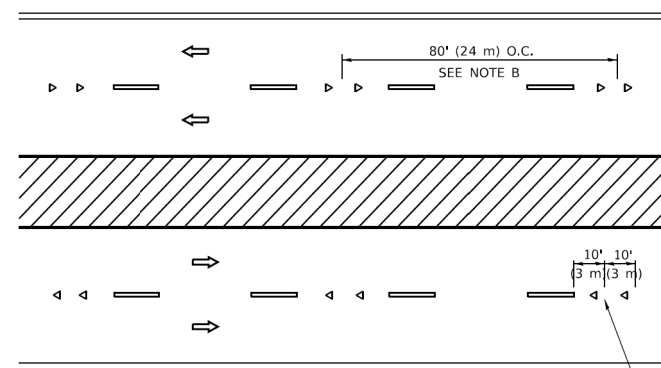
LANE REDUCTION TRANSITION



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

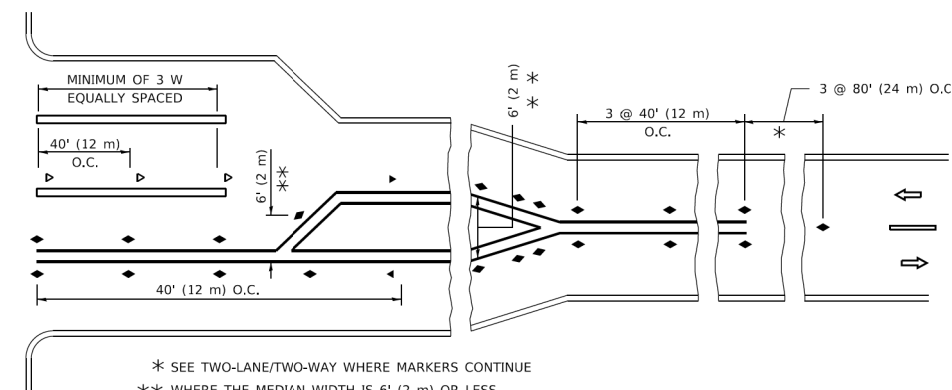
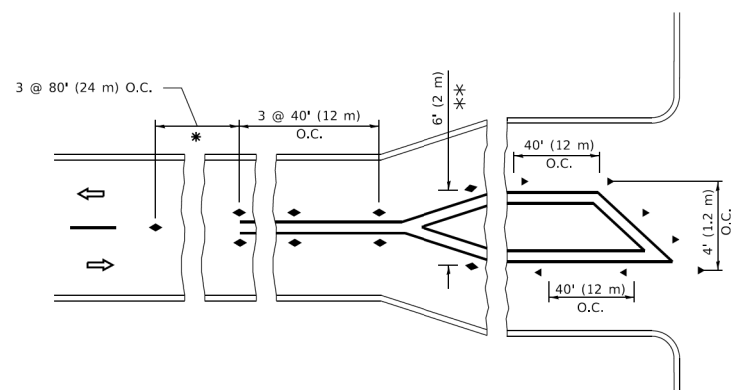
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◀ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

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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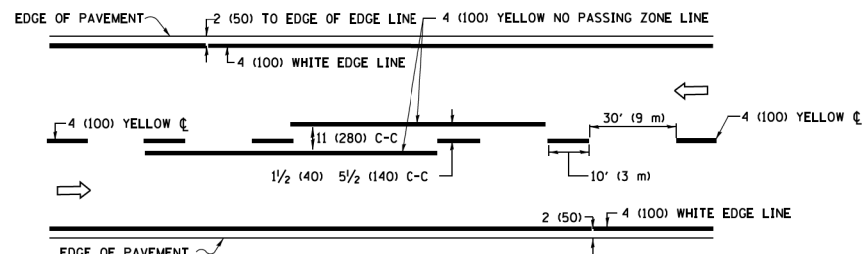
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

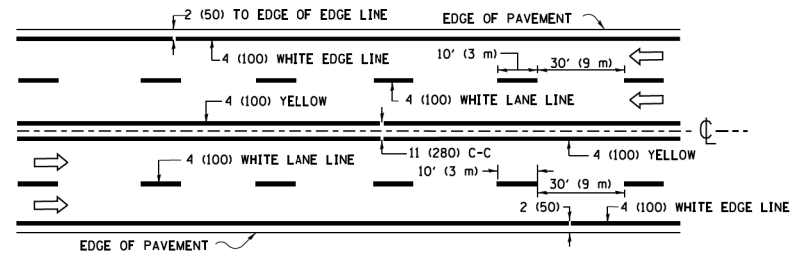
**TYPICAL APPLICATIONS
 RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)**

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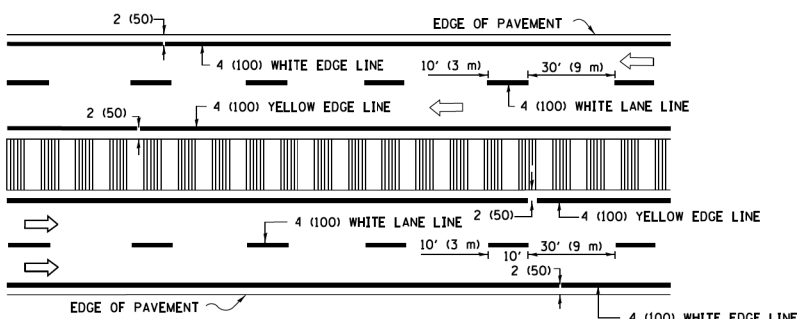
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4480	22-00112-00-RS	COOK	80	51
TC-11		CONTRACT NO. 61K08		
ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

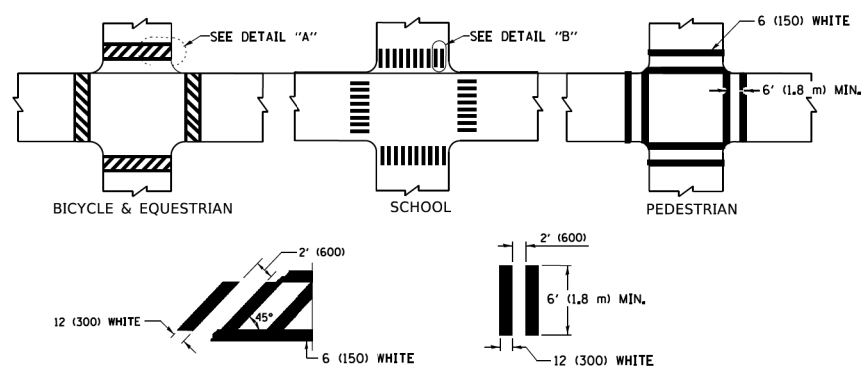


MULTI-LANE UNDIVIDED



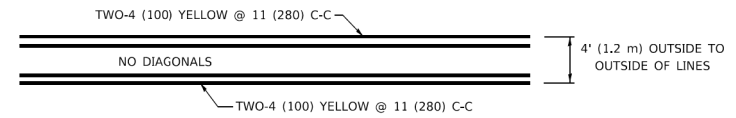
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

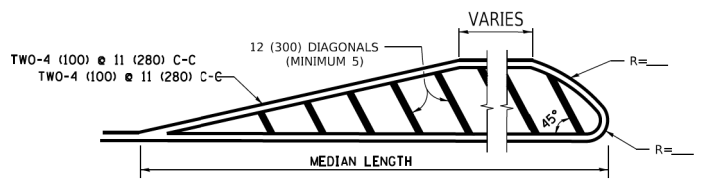


TYPICAL CROSSWALK MARKING

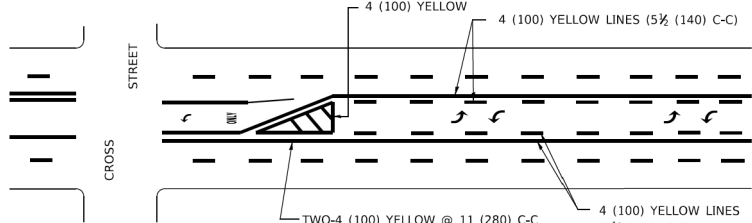
* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



4' (1.2 m) WIDE MEDIANS ONLY

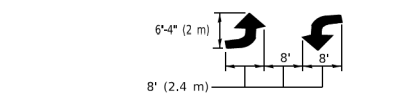


MEDIANS OVER 4' (1.2 m) WIDE



MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING

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.

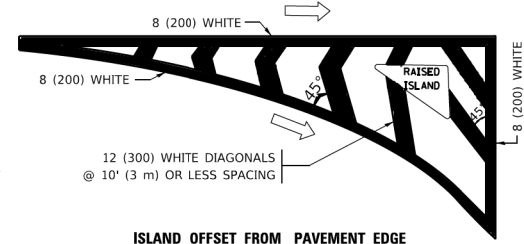


TYPICAL LEFT (OR RIGHT) TURN LANE

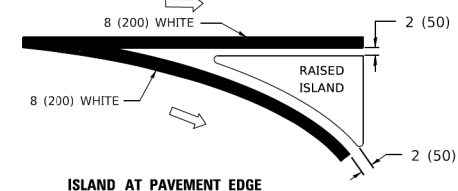
TYPICAL TURN LANE MARKING

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

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

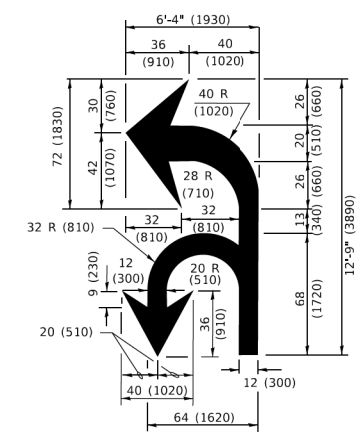


ISLAND OFFSET FROM PAVEMENT EDGE

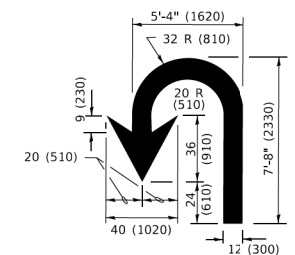


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

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

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

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 2' (600) @ 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" 15' 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.

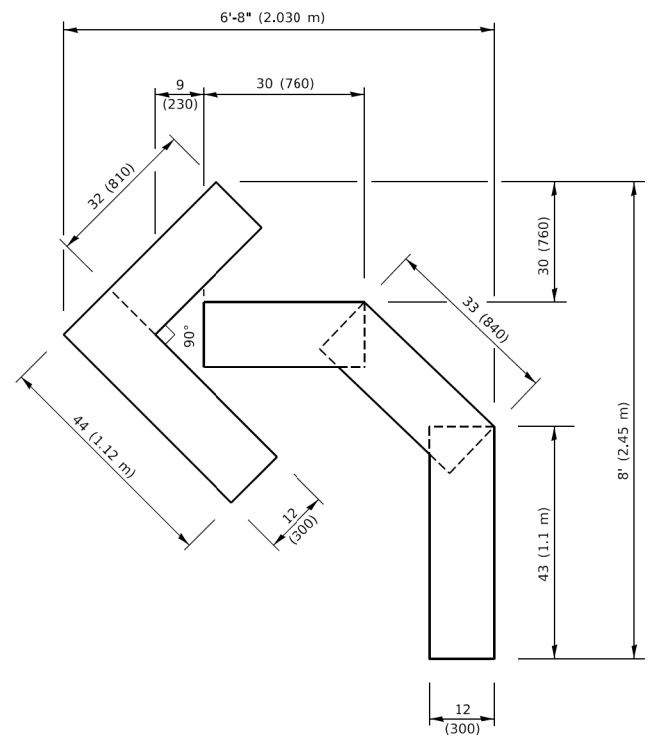
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	DRAWN -	REVISED - C. JUCIUS 07-01-13
PLOT SCALE = 50.00000 ' / in.	CHECKED -	REVISED - C. JUCIUS 12-21-15
PLOT DATE = 3/4/2019	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

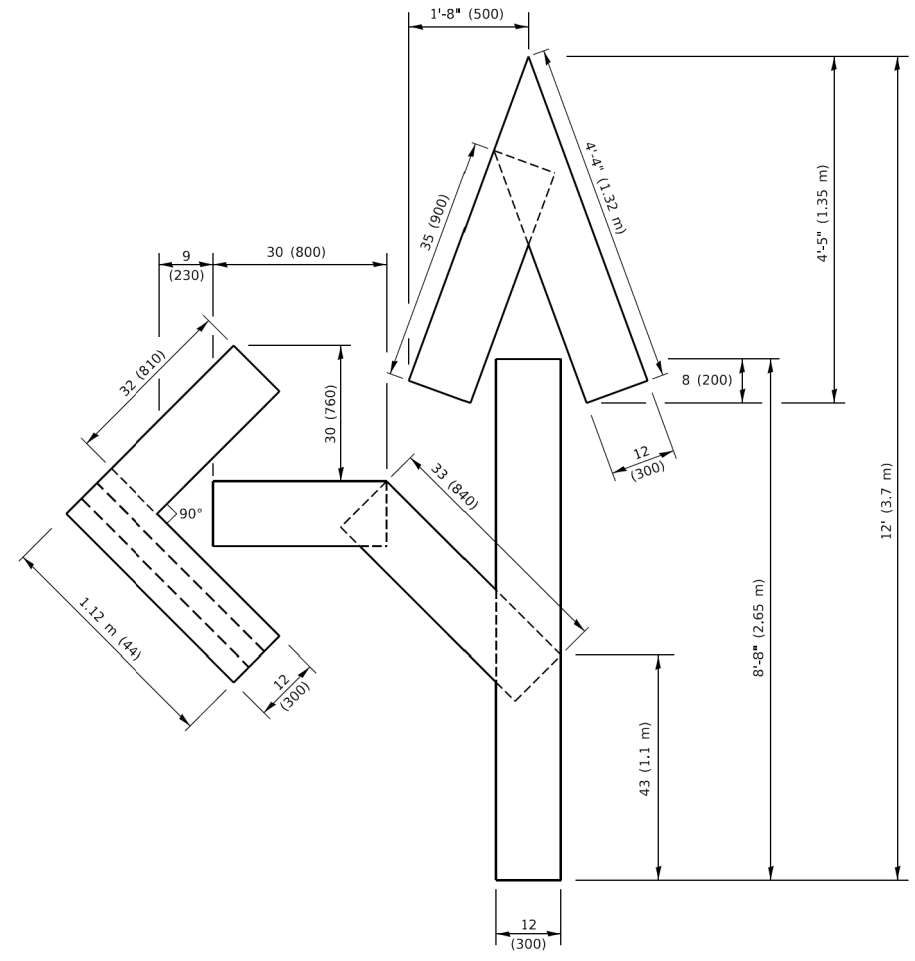
DISTRICT ONE		TYPICAL PAVEMENT MARKINGS	
SCALE: NONE	SHEET 1 OF 2 SHEETS	STA.	TO STA.

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4480	22-00112-00-RS	COOK	80	52
TC-13		CONTRACT NO. 61K08		
ILLINOIS		FED. AID PROJECT		



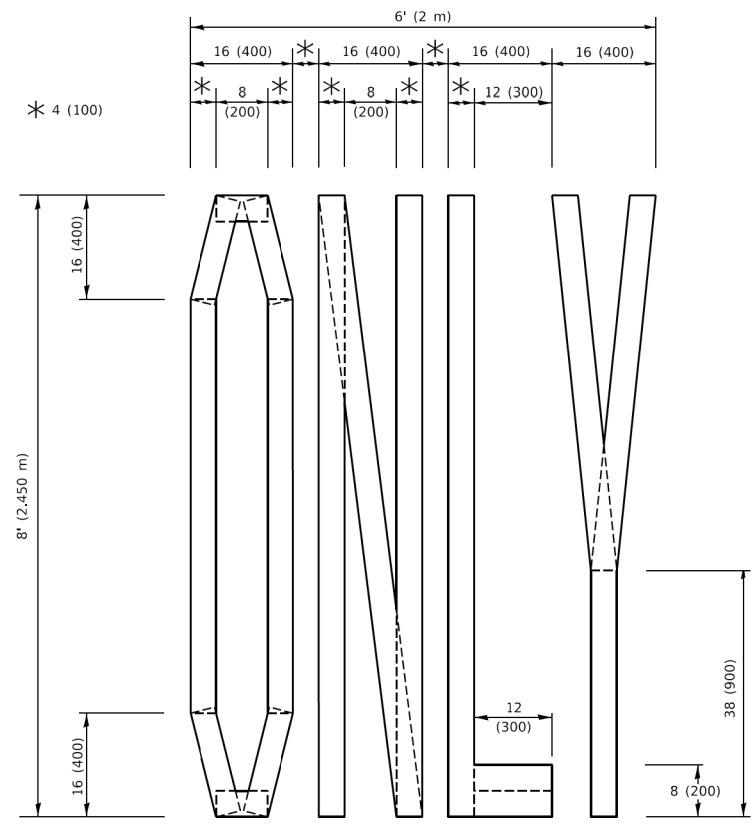
QUANTITY

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



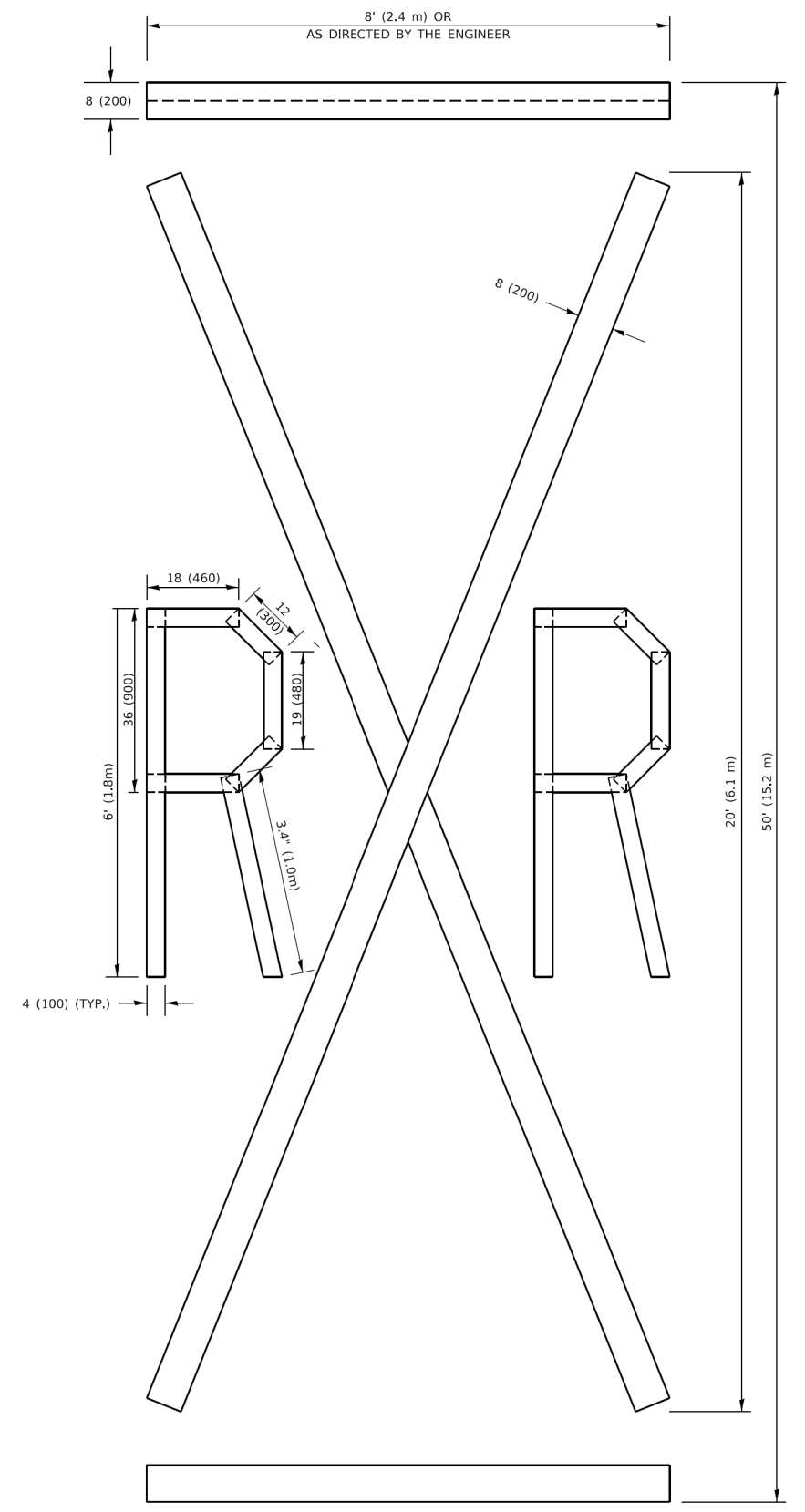
QUANTITY

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



QUANTITY

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



QUANTITY

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

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

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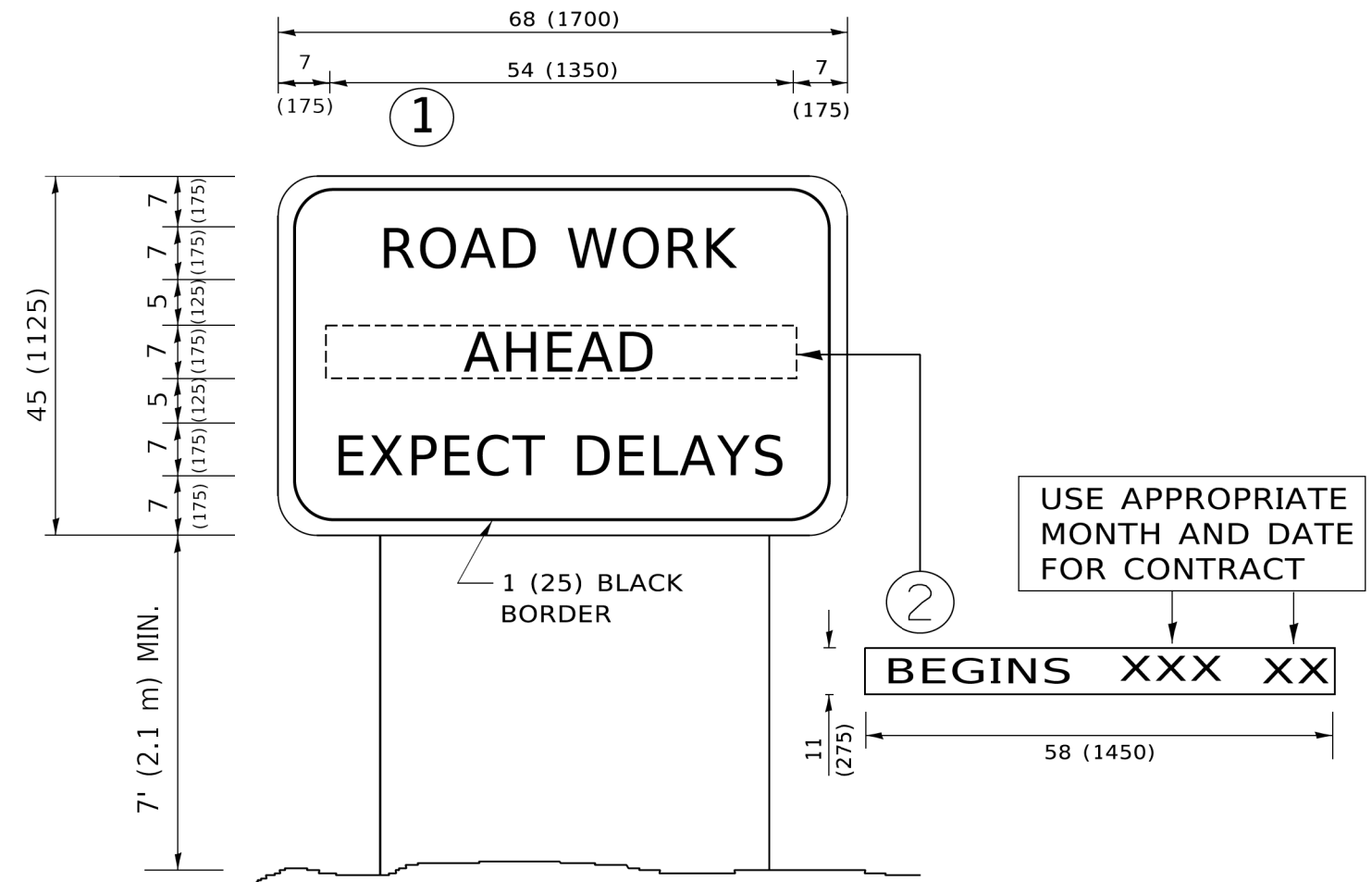
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	DRAWN -	REVISED - E. GOMEZ 08-28-00
PLOT SCALE = 50.0068" / ft.	CHECKED -	REVISED - E. GOMEZ 08-28-00
PLOT DATE = 3/4/2019	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

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

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4480	22-00112-00-RS	COOK	80	53
TC-16		CONTRACT NO. 61K08		
ILLINOIS FED. AID PROJECT				



NOTES:

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

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

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USER NAME = footemj	DESIGNED -	REVISED - R. MIRS 09-15-97
	DRAWN -	REVISED - R. MIRS 12-11-97
PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

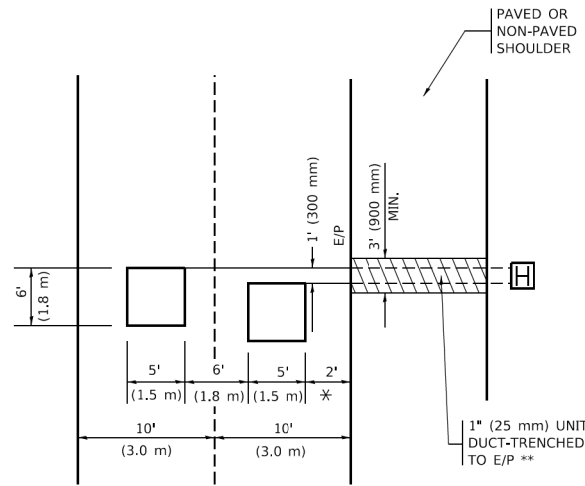
**ARTERIAL ROAD
INFORMATION SIGN**

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

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4480	22-00112-00-RS	COOK	80	54
TC-22			CONTRACT NO. 61K08	
ILLINOIS FED. AID PROJECT				

LOOPS NEXT TO SHOULDERS

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

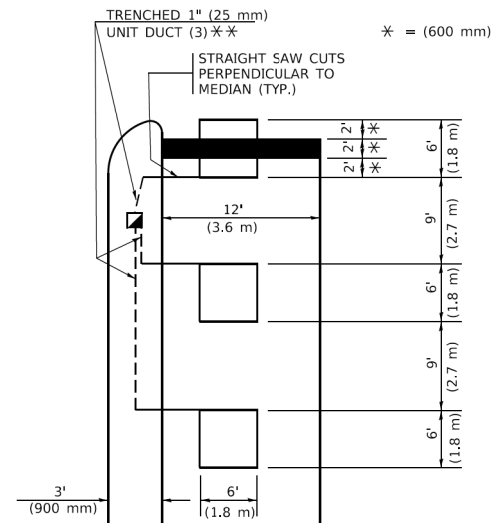


* = (600 mm)

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

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

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

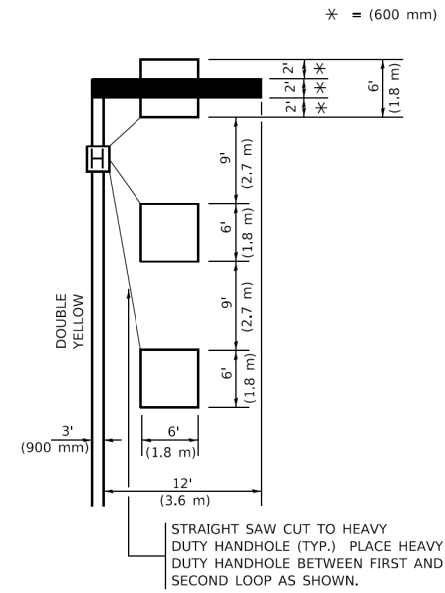


* = (600 mm)

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

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

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



* = (600 mm)

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

NOTES:

VEHICLES LOOP DETECTORS

- * ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN SAW CUT FROM THE LOOP TO THE EDGE OF PAVEMENT OR TO A HANDHOLE IN THE PAVEMENT.
- * EACH DETECTOR LOOP SHALL HAVE ITS OWN ONE INCH (25 mm) UNIT DUCT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST HANDHOLE OR JUNCTION BOX. EACH UNIT DUCT RUN SHALL BE SHOWN ON THE PLANS BY THE DESIGNER, BUT SHALL NOT BE PAID FOR SEPARATLY. THIS ITEM IS INCIDENTAL TO THE PAY ITEM FOR DETECTOR LOOPS.
- * ONE DIMENSION OF ALL DETECTOR LOOPS SHALL BE SIX FEET (1.8 m)
- * EACH LANE OF NON-LOCKING, PRESENCE DETECTION AND EACH LANE OF A DOUBLE LEFT TURN LANE REQUIRES A SEPARATE INDUCTIVE LOOP DETECTOR AND LEAD IN CABLE.
- * WHEN NON-LOCKING, PRESENCE DETECTION IS USED, MORE THAN ONE LOOP PER LANE IS REQUIRED BEHIND THE STOP BAR (i.e. 1-1/2, 1-3/4, 2).
- * WHEN SYSTEM LOOPS ARE REQUIRED ON AN APPROACH OF AN INTERSECTION, THE LOOPS USED FOR VOLUME DENSITY AND INTERSECTION TIMING SHALL ALSO BE USED AS SYSTEM DETECTORS. EACH ONE OF THESE TYPE OF LOOPS REQUIRES A SEPARATE TWO CONDUCTOR NO. 14 TWISTED SHIELDED CABLE AND A SEPARATE INDUCTIVE LOOP DETECTOR WHEN NEW CONTROLLERS ARE UTILIZED. THE DESIGNER SHALL LABEL THESE TYPES OF LOOPS AS "INTERSECTION AND SAMPLING (SYSTEM) DETECTORS" ON THE SIGNAL LAYOUT, THE INTERCONNECT PLAN AND THE SYSTEM CABLE PLAN. WHEN AN EXISTING CONTROLLER IS UTILIZED FOR THIS TYPE OF DETECTION, THE PAY ITEM "INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT" SHOULD BE USED.

PLACEMENT OF DETECTORS

THE FOLLOWING FIGURES REPRESENT THE MOST COMMON DETECTOR LOOP LOCATIONS AND SIZES. ADJUSTMENTS WILL BE NECESSARY FOR SPECIFIC GEOMETRIC CONSIDERATIONS.

LOCATIONS AND DEMENSIONS OF DETECTOR LOOPS ARE REQUIRED ON ALL SIGNAL LAYOUT PLAN SHEETS.

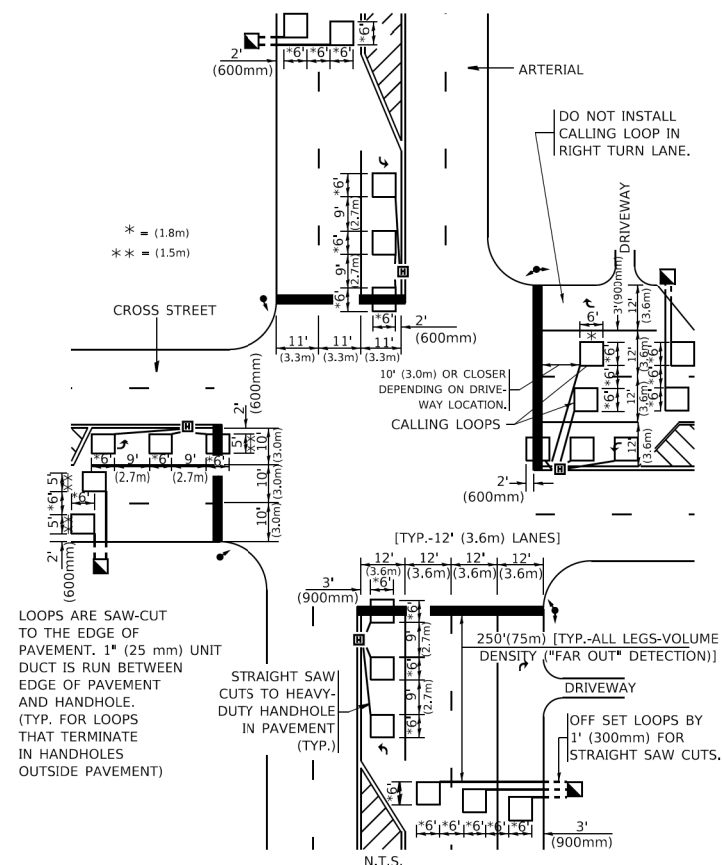
"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0 m-4.5 m) BEHIND THE CROSSING STREET'S EDGE OF PAVEMENT EXTENDED.

NOTE:

ALL DETAILS AND NOTES SHOWN ARE FROM THE I.D.O.T. DISTRICT 1 TRAFFIC SIGNAL DESIGN GUIDELINES DATED JANUARY 1995

THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.

ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-NON VOLUME DENSITY ("FAR OUT" DETECTION)



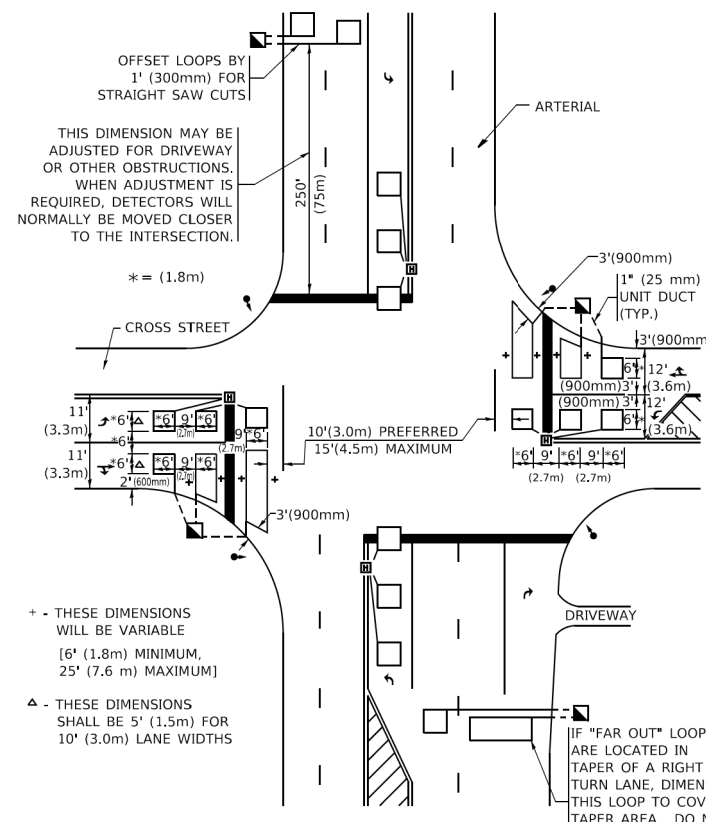
* = (1.8m)
 ** = (1.5m)

LOOPS ARE SAW-CUT TO THE EDGE OF PAVEMENT. 1" (25 mm) UNIT DUCT IS RUN BETWEEN EDGE OF PAVEMENT AND HANDHOLE. (TYP. FOR LOOPS THAT TERMINATE IN HANDHOLES OUTSIDE PAVEMENT)

STRAIGHT SAW CUTS TO HEAVY-DUTY HANDHOLE IN PAVEMENT (TYP.)

DETAIL 1
 N.T.S.

ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-NON VOLUME DENSITY ("UPTIGHT" PRESENCE DETECTION)



OFFSET LOOPS BY 1' (300mm) FOR STRAIGHT SAW CUTS

THIS DIMENSION MAY BE ADJUSTED FOR DRIVEWAY OR OTHER OBSTRUCTIONS. WHEN ADJUSTMENT IS REQUIRED, DETECTORS WILL NORMALLY BE MOVED CLOSER TO THE INTERSECTION.

+ - THESE DIMENSIONS WILL BE VARIABLE [6' (1.8m) MINIMUM, 25' (7.6 m) MAXIMUM]

Δ - THESE DIMENSIONS SHALL BE 5' (1.5m) FOR 10' (3.0m) LANE WIDTHS

IF "FAR OUT" LOOPS ARE LOCATED IN TAPER OF A RIGHT TURN LANE, DIMENSION THIS LOOP TO COVER TAPER AREA. DO NOT COVER THE LEFT TURN LANE OR LEFT TURN LANE TAPER.

DETAIL 2
 N.T.S.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

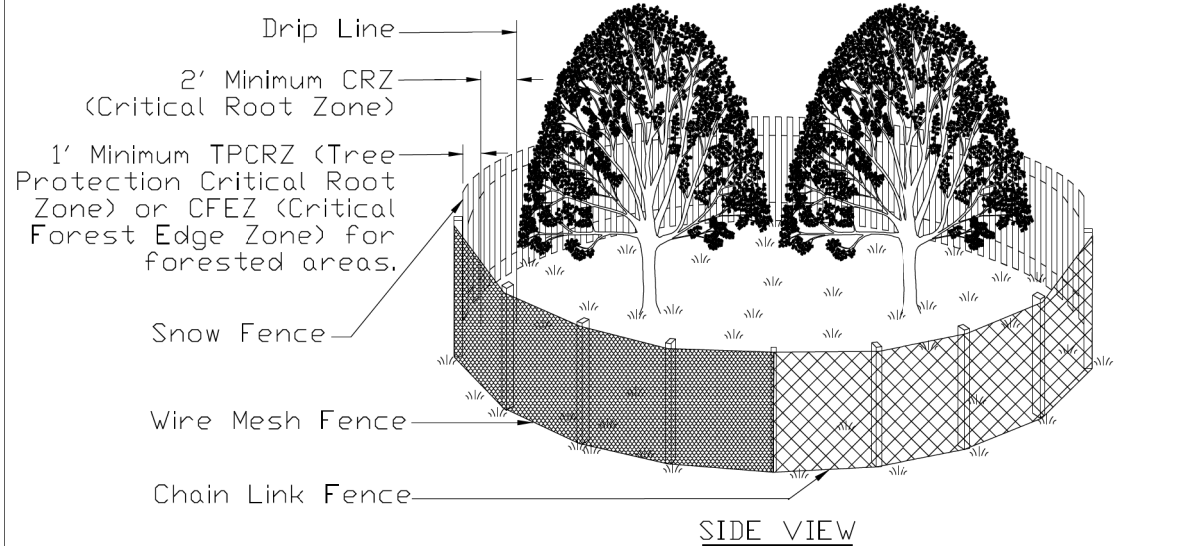
DISTRICT 1 - DETECTOR LOOP INSTALLATION
DETAILS FOR ROADWAY RESURFACING

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PLOT SCALE = 50.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 3/4/2019	CHECKED - R.K.F.	REVISED -
	DATE -	REVISED -

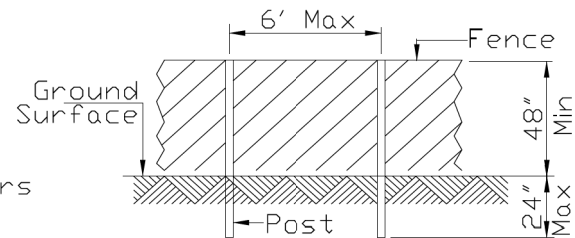
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

RTE. 4480	SECTION 22-00112-00-RS	COUNTY COOK	TOTAL SHEETS 80	SHEET NO. 56
TS-07		CONTRACT NO. 61K08		
ILLINOIS FED. AID PROJECT				

TREE PROTECTION - FENCING
(Moderately Urbanized to Open Space Areas)



SIDE VIEW

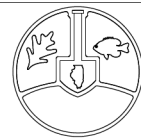


POST AND FENCE DETAIL

NOTES:

1. Call J.U.L.I.E. (800-892-0123) for the location of existing utilities 48 hours prior to commencement of work.
2. The CRZ is located 2' from the farthest outreaching branch (drip edge) or the distance as determined by the ISA trunk diameter method or whichever is greater.
3. The fence shall be located 1' from the Critical Root Zone (CRZ) of the protected tree, thus creating the Tree Protection Critical Root Zone (TPCRZ) and the Critical Forest Edge Zone (CFEZ) for forested areas.
4. Fence Posts shall be either 6' steel posts @ 1.33lbs./Ft. or 2" x 2" nominal wood posts.
5. For projects without highly significant or historical trees and that will last for less than 6 months duration, a non-treated wood lath snow fence or wire mesh fencing shall be used with appropriate posts that are securely anchored into the ground. For projects over 6 months in duration or trees considered significant or historical, a chain link fence with Construction Specification Chain Link Fence IUM 91 or better (as approved by the local Forester per local ordinances singularly or in tandem with the project Engineer) shall be used. Fencing shall be a minimum height of 4'. For chain link fencing, metal posts shall be placed 6' on center (OC) and the fencing securely anchored to the post.
6. Outside the TPCRZ or CFEZ, erosion and sediment control measures shall be installed to prevent sediment reaching the TPCRZ or the CFEZ. These measures shall extend out from the fence 10' and shall be continuous around the perimeter of the fence. These measures include, but are not limited to vegetative filter strip, rolled excelsior blankets and mulch with a 3" to 5" depth. Other measures may be used if approved by the Professional Forester, Certified Arborist or Horticulturalist. Installation shall cause no disturbance to soils.

REFERENCE	
Project _____	
Designed _____ Date _____	
Checked _____ Date _____	
Approved _____ Date _____	



STANDARD DWG. NO.
IUM-690-A
SHEET 1 OF 1
DATE 09-14-2017

FILE NAME = F:\636-108 Illinois Ave Resurfacing and MUP Phase I & II\CAD Sheets\11_Details\636-108_SHT_Details.dgn



USER NAME - jthede	DESIGNED - MRQ	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - YC	REVISED -
PLOT DATE = 11/21/2023	CHECKED - JLT	REVISED -
	DATE - 10/02/2023	REVISED -

VILLAGE OF PALATINE

ILLINOIS AVENUE PHASE II
CONSTRUCTION DETAILS

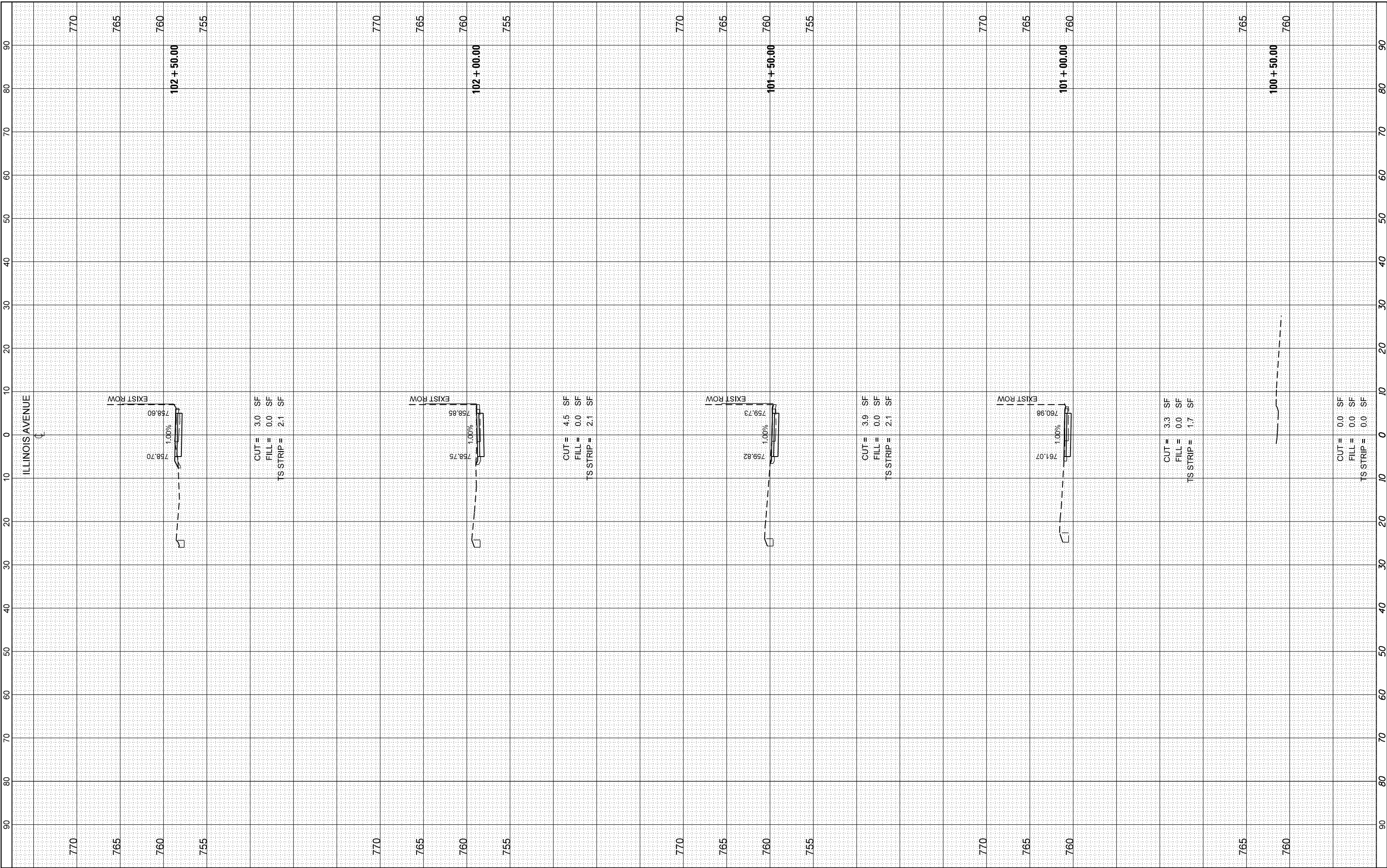
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4480	22-00112-00-RS	COOK	80	57
CONTRACT NO. 61K08			ILLINOIS	

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

FILE NAME = F:\335-108 Illinois Ave Resurfacing and MUP Phase 1 & MICADD Sheets\12_Cross Sections\Phase 1\335-108_SHT_Cross Sections.dgn



BLA, Inc.

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PLOT SCALE = 20,000' / in.	DRAWN - YC	REVISED -
PLOT DATE = 11/21/2023	CHECKED - JTL	REVISED -
	DATE - 10/02/2023	REVISED -

VILLAGE OF PALATINE

ILLINOIS AVENUE CROSS SECTIONS

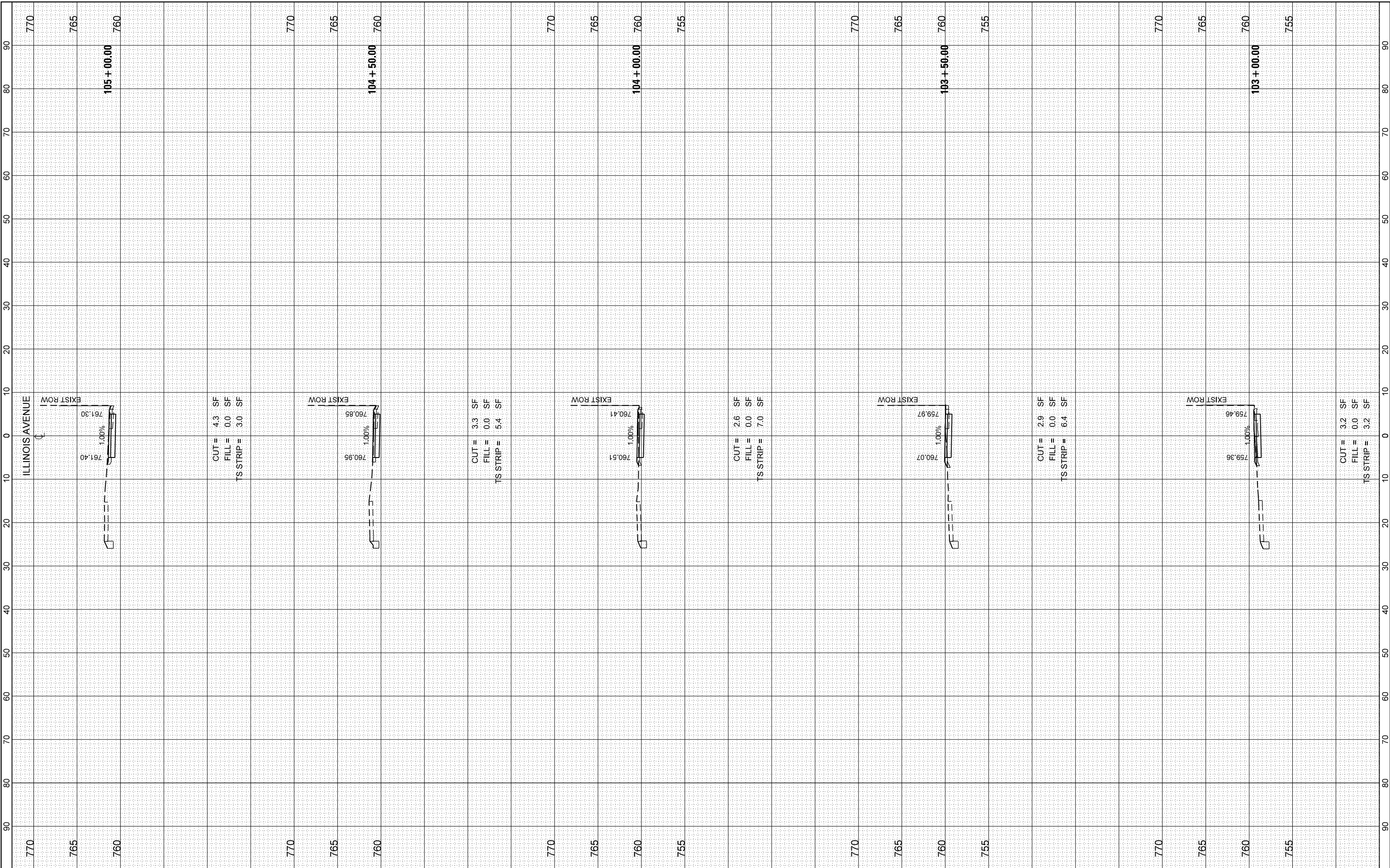
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F.A.U. RTE. 4480	SECTION 22-00112-00-RS	COUNTY COOK	TOTAL SHEETS 80	SHEET NO. 58
CONTRACT NO. 61K08				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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PLOT DATE = 11/21/2023	CHECKED - JTL	REVISED -
	DATE - 10/02/2023	REVISED -

VILLAGE OF PALATINE

**ILLINOIS AVENUE
CROSS SECTIONS**

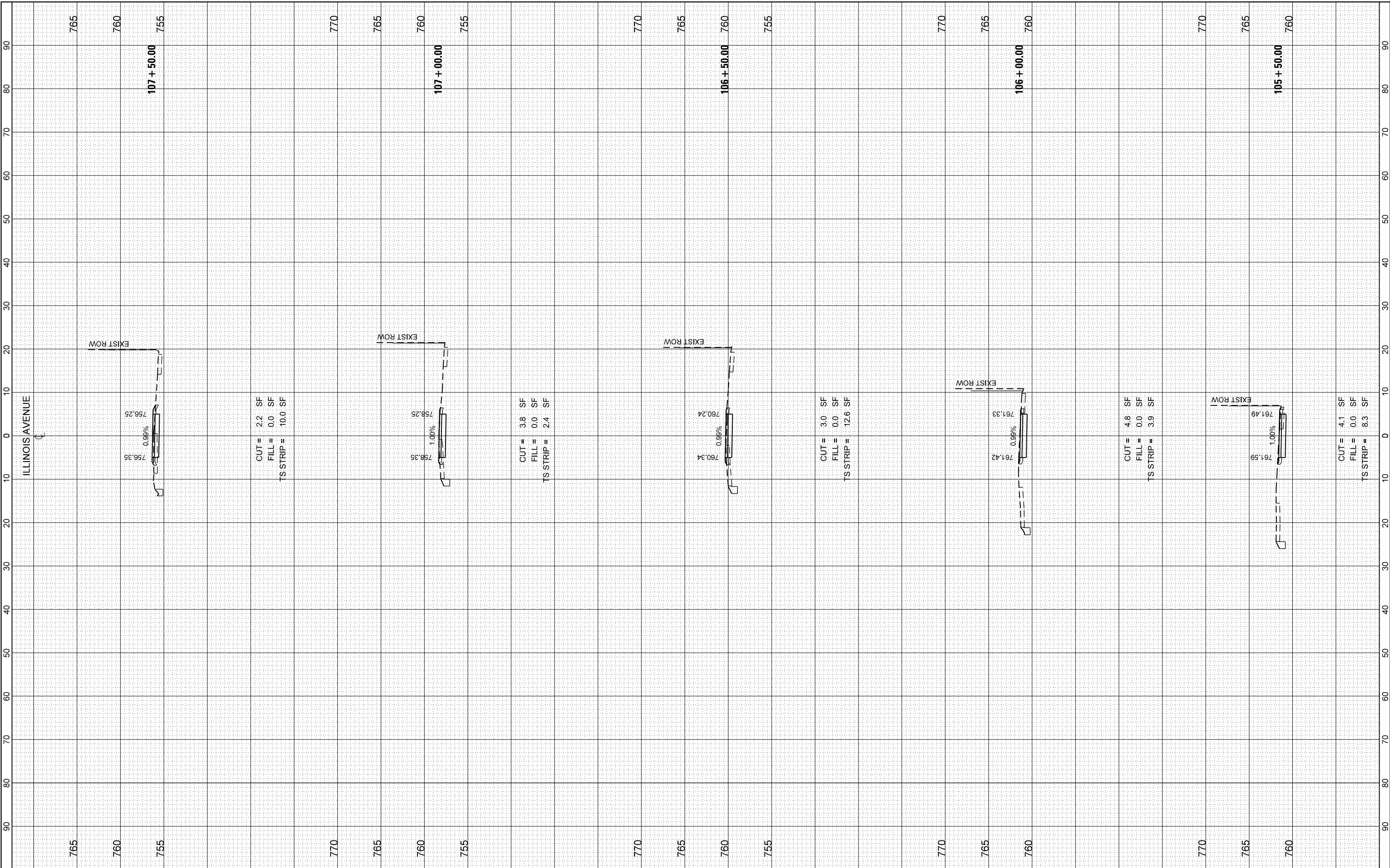
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F.A.U. RTE. 4480	SECTION 22-00112-00-RS	COUNTY COOK	TOTAL SHEETS 80	SHEET NO. 59
CONTRACT NO. 61K08				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
	NOTE BOOK TEMPLATE		

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
	NOTE BOOK TEMPLATE		

FILE NAME = F:\35-108\Illinois Ave Resurfacing and MUP Phase 1 & 2\CADD Sheets\12_Cross Sections\Phase 1\12_Cross Sections (Phase 1)\12_Cross Sections.dgn



BLA, Inc.

USER NAME = jthede	DESIGNED - MRQ	REVISED -
PLOT SCALE = 20,000' / in.	DRAWN - YC	REVISED -
PLOT DATE = 11/21/2023	CHECKED - JTL	REVISED -
	DATE - 10/02/2023	REVISED -

VILLAGE OF PALATINE

**ILLINOIS AVENUE
CROSS SECTIONS**

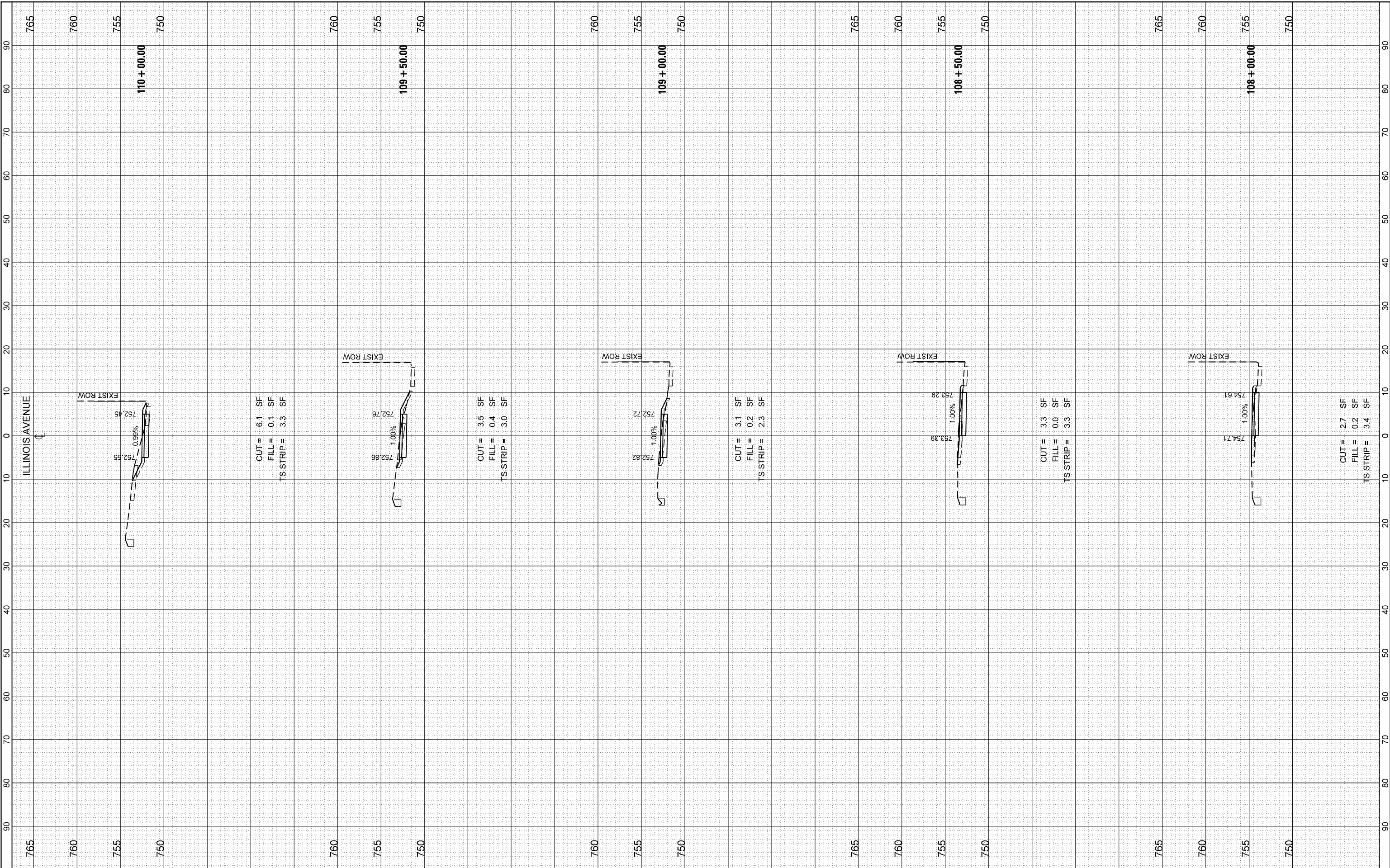
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F.A.U. RTE. 4480	SECTION 22-00112-00-RS	COUNTY COOK	TOTAL SHEETS 80	SHEET NO. 60
CONTRACT NO. 61K08				
ILLINOIS		FED. AID PROJECT		

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

FILE NAME = F:\335-108 Illinois Ave Resurfacing and MUP Phase 1 & MICADD Sheets\12_Cross Sections\Phase 1\335-108_SHT_Cross Sections.dgn



BLA, Inc.

USER NAME = jthede	DESIGNED - MRQ	REVISED -
PLOT SCALE = 20,000' / in.	DRAWN - YC	REVISED -
PLOT DATE = 11/21/2023	CHECKED - JTL	REVISED -
	DATE - 10/02/2023	REVISED -

VILLAGE OF PALATINE

**ILLINOIS AVENUE
CROSS SECTIONS**

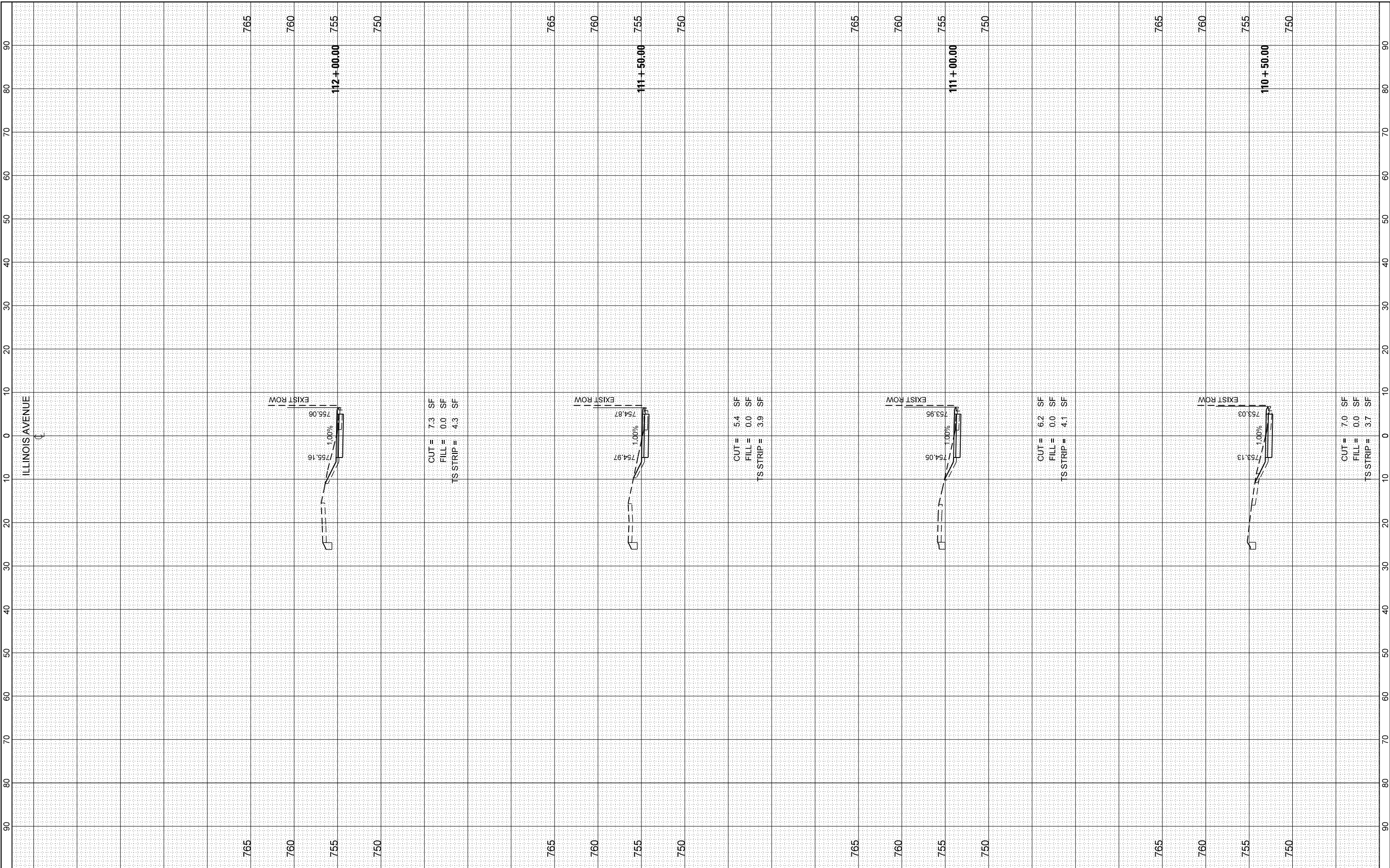
SCALE: 1"=5'V:1"=10'H SHEET 4 OF 21 SHEETS STA. 108+00.00 TO STA. 110+00.00

F.A.U. RTE. 4480	SECTION 22-00112-00-RS	COUNTY COOK	TOTAL SHEETS 80	SHEET NO. 61
CONTRACT NO. 61K08				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

FILE NAME = F:\335-108 Illinois Ave Resurfacing and MUP Phase 1 & I/CADD Sheets\12_Cross Sections\Phase 1\335-108_SHT_Cross Sections.dgn



BLA, Inc.

USER NAME = jthede	DESIGNED - MRQ	REVISED -
PLOT SCALE = 20,000' / in.	DRAWN - YC	REVISED -
PLOT DATE = 11/21/2023	CHECKED - JTL	REVISED -
	DATE - 10/02/2023	REVISED -

VILLAGE OF PALATINE

**ILLINOIS AVENUE
CROSS SECTIONS**

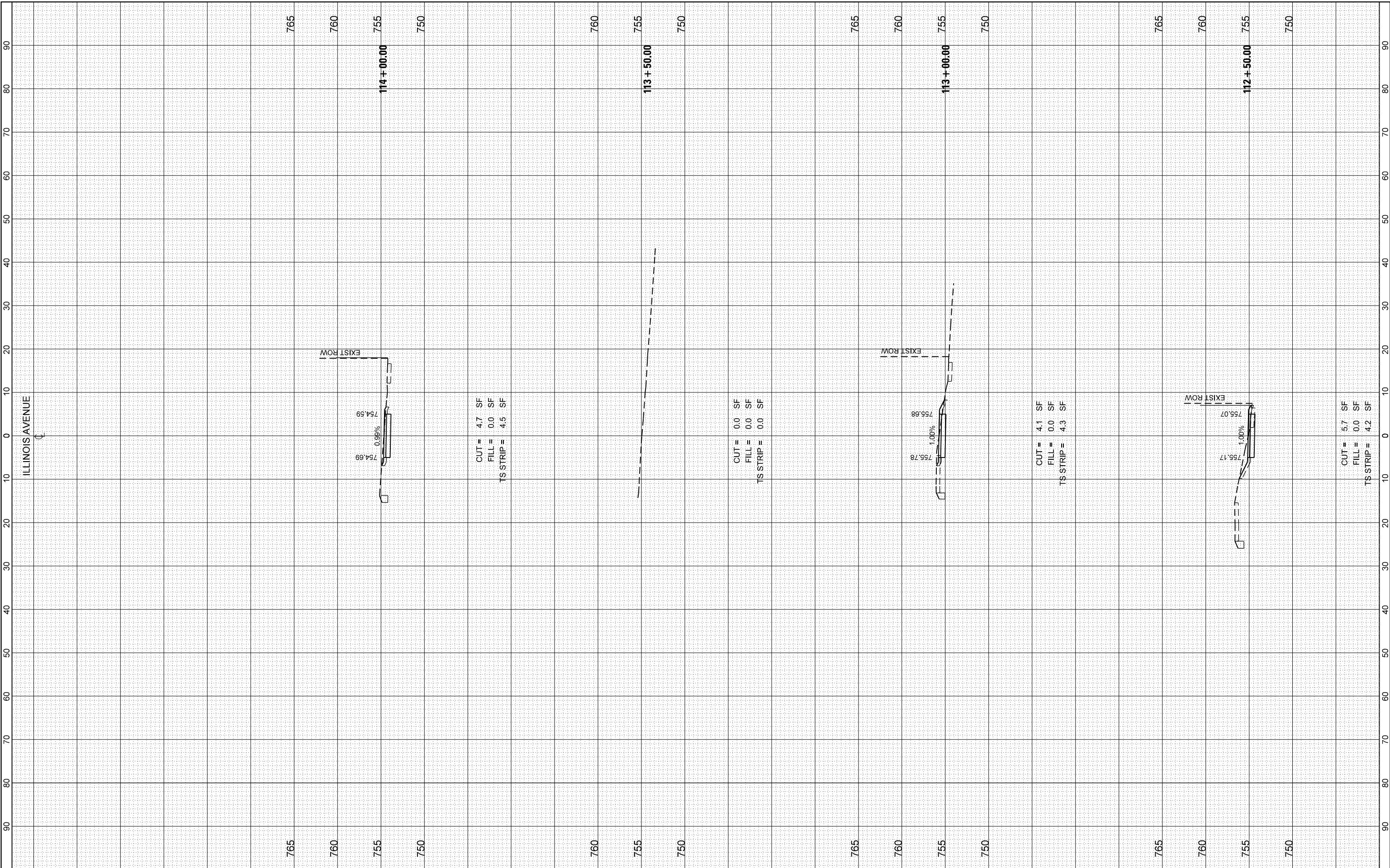
SCALE: 1"=5'V:1"=10'H SHEET 5 OF 21 SHEETS STA. 110+50.00 TO STA. 112+00.00

F.A.U. RTE. 4480	SECTION 22-00112-00-RS	COUNTY COOK	TOTAL SHEETS 80	SHEET NO. 62
CONTRACT NO. 61K08				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
NOTE BOOK	TEMPLATE		

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
NOTE BOOK	TEMPLATE		

FILE NAME = F:\35-108 Illinois Ave Resurfacing and MUP Phase 1 & MICADD Sheets\12_Cross Sections\Phase 1\12_Cross Sections.dgn



BLA, Inc.

USER NAME = jthede	DESIGNED - MRQ	REVISED -
PLOT SCALE = 20,000' / in.	DRAWN - YC	REVISED -
PLOT DATE = 11/21/2023	CHECKED - JTL	REVISED -
	DATE - 10/02/2023	REVISED -

VILLAGE OF PALATINE

**ILLINOIS AVENUE
CROSS SECTIONS**

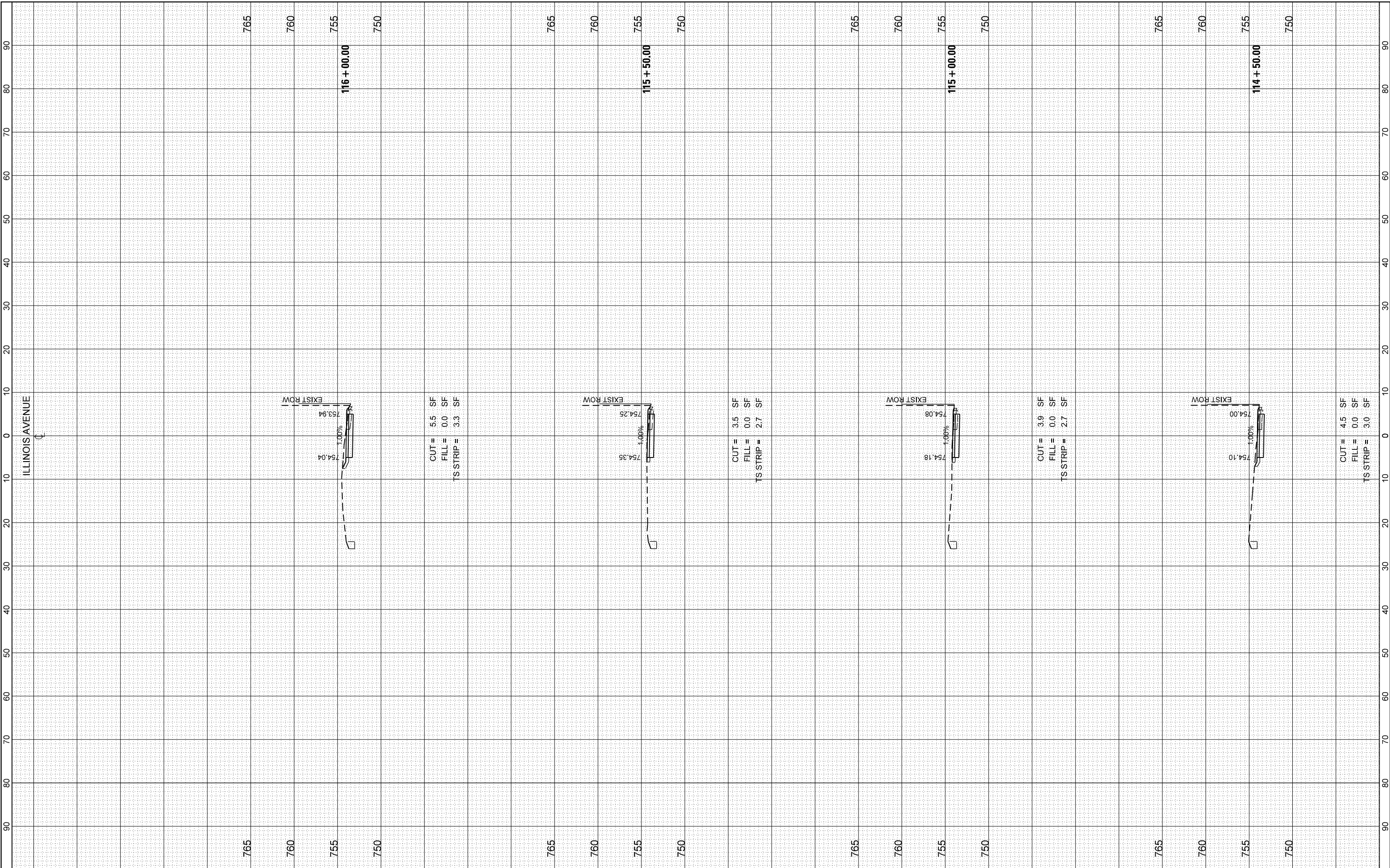
SCALE: 1"=5'V:1"=10'H SHEET 6 OF 21 SHEETS STA. 112+50.00 TO STA. 114+00.00

F.A.U. RTE. 4480	SECTION 22-00112-00-RS	COUNTY COOK	TOTAL SHEETS 80	SHEET NO. 63
CONTRACT NO. 61K08				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

FILE NAME = F:\35-108 Illinois Ave Resurfacing and MUP Phase 1 & I/CADD Sheets\12_Cross Sections\Phase 1\35-108_SHT_Cross Sections.dgn



BLA, Inc.

USER NAME = jthede	DESIGNED - MRQ	REVISED -
PLOT SCALE = 20,000' / in.	DRAWN - YC	REVISED -
PLOT DATE = 11/21/2023	CHECKED - JTL	REVISED -
	DATE - 10/02/2023	REVISED -

VILLAGE OF PALATINE

**ILLINOIS AVENUE
CROSS SECTIONS**

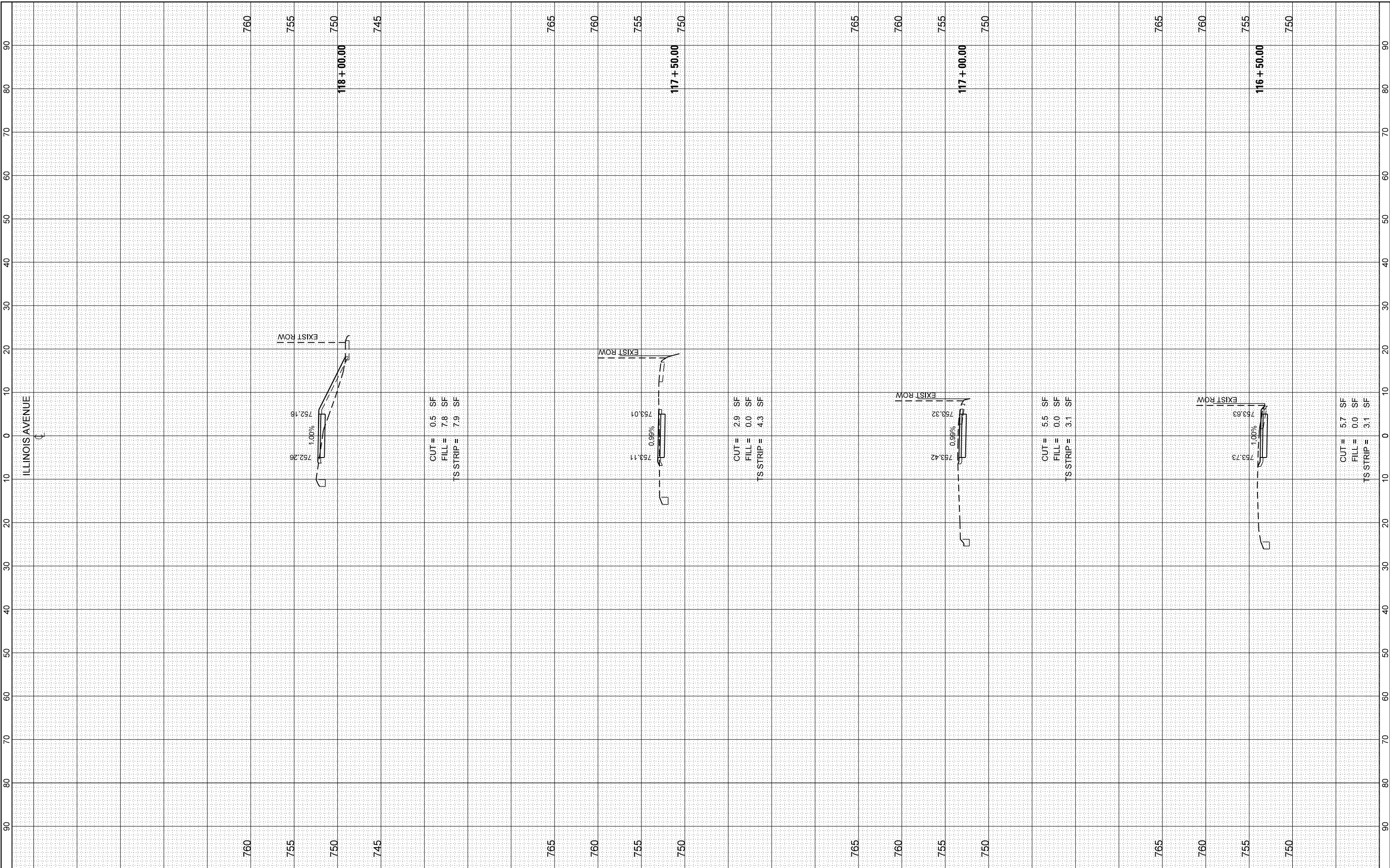
SCALE: 1"=5'V:1"=10'H SHEET 7 OF 21 SHEETS STA. 114+50.00 TO STA. 116+00.00

F.A.U. RTE. 4480	SECTION 22-00112-00-RS	COUNTY COOK	TOTAL SHEETS 80	SHEET NO. 64
CONTRACT NO. 61K08				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
NOTE BOOK	TEMPLATE		

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

FILE NAME = F:\35-108 Illinois Ave Resurfacing and MUP Phase 1 & MICADD Sheets\12_Cross Sections\Phase 1\35-108_SHT_Cross Sections.dgn



BLA, Inc.

USER NAME = jthede	DESIGNED - MRQ	REVISED -
PLOT SCALE = 20,000' / in.	DRAWN - YC	REVISED -
PLOT DATE = 11/21/2023	CHECKED - JTL	REVISED -
	DATE - 10/02/2023	REVISED -

VILLAGE OF PALATINE

**ILLINOIS AVENUE
CROSS SECTIONS**

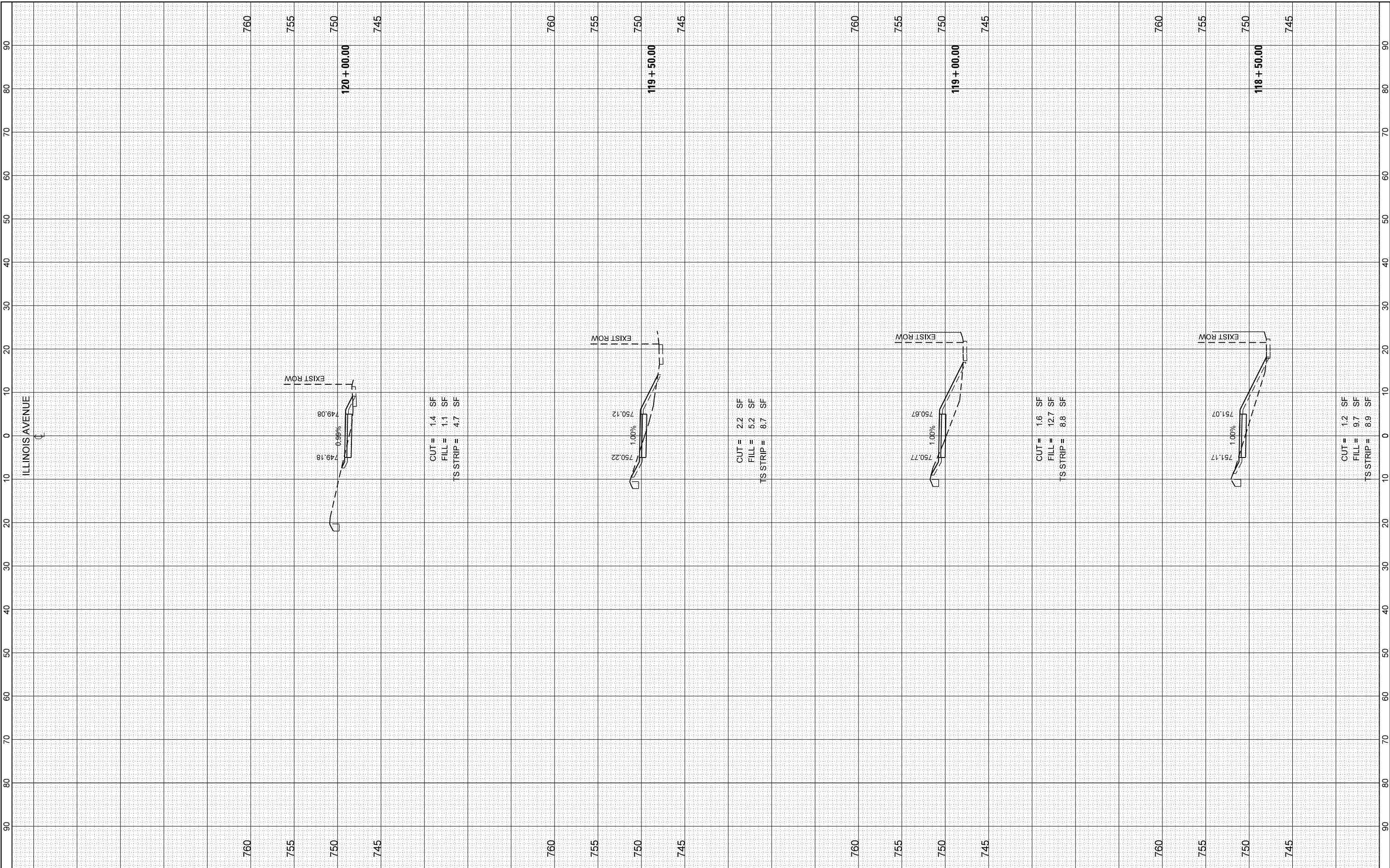
SCALE: 1"=5'V:1"=10'H SHEET 8 OF 21 SHEETS STA. 116+50.00 TO STA. 118+00.00

F.A.U. RTE. 4480	SECTION 22-00112-00-RS	COUNTY COOK	TOTAL SHEETS 80	SHEET NO. 65
CONTRACT NO. 61K08				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

FILE NAME = F:\35-108 Illinois Ave Resurfacing and MUP Phase 1 & MICADD Sheets\12_Cross Sections\Phase 1\35-108_SHT_Cross Sections.dgn



BLA, Inc.

USER NAME = jthede	DESIGNED - MRQ	REVISED -
PLOT SCALE = 20,000' / in.	DRAWN - YC	REVISED -
PLOT DATE = 11/21/2023	CHECKED - JTL	REVISED -
	DATE - 10/02/2023	REVISED -

DESIGNED - MRQ	REVISED -
DRAWN - YC	REVISED -
CHECKED - JTL	REVISED -
DATE - 10/02/2023	REVISED -

VILLAGE OF PALATINE

**ILLINOIS AVENUE
CROSS SECTIONS**

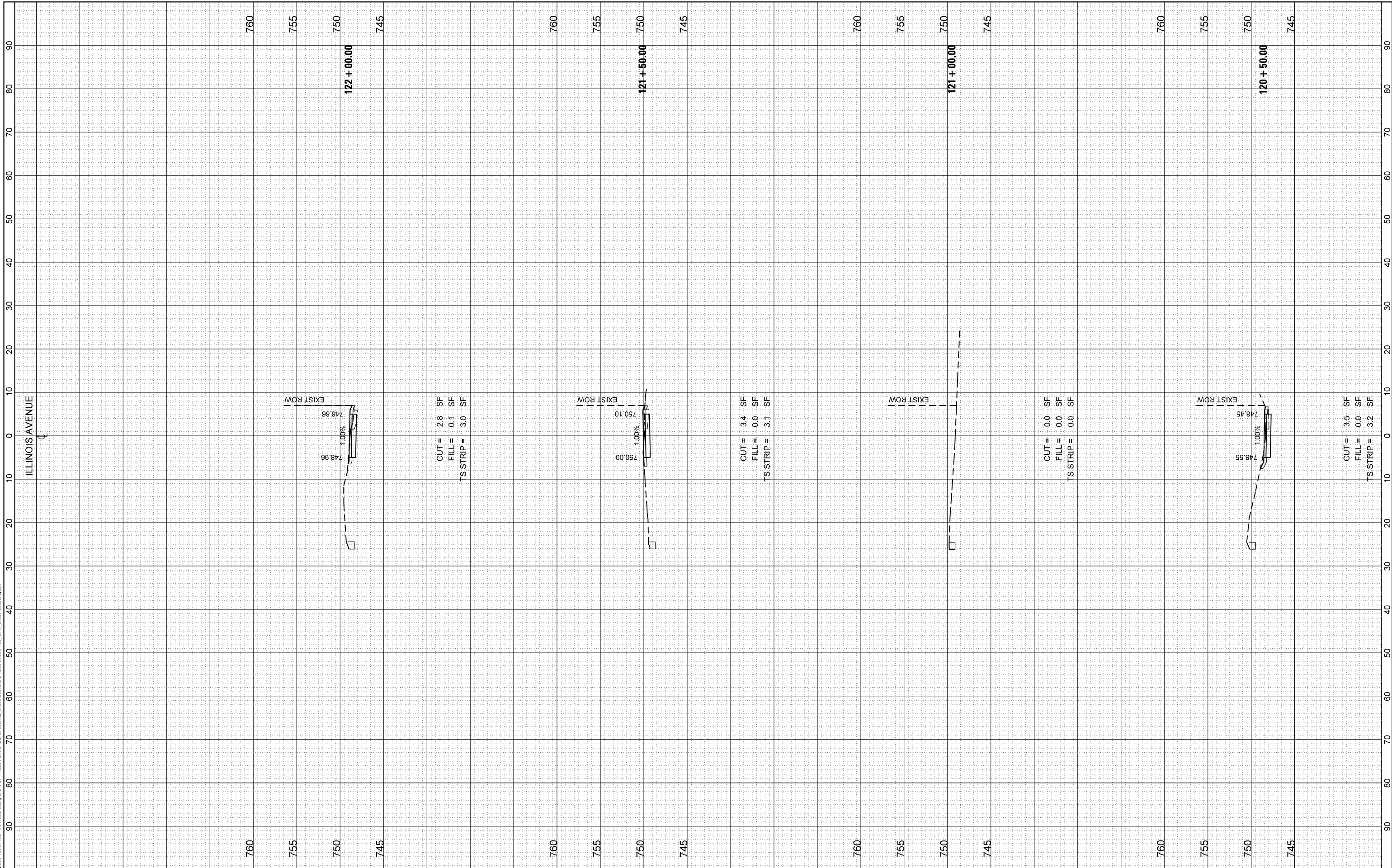
SCALE: 1"=5'V:1"=10'H SHEET 9 OF 21 SHEETS STA. 118+50.00 TO STA. 120+00.00

F.A.U. RTE. 4480	SECTION 22-00112-00-RS	COUNTY COOK	TOTAL SHEETS 80	SHEET NO. 66
CONTRACT NO. 61K08				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

FILE NAME = F:\35-108\Illinois Ave Resurfacing and MUP Phase 1 & 2\CADD Sheets\12_Cross Sections\Phase 1\12_Cross Sections.dgn



USER NAME = jthede	DESIGNED - MRQ	REVISED -
PLOT SCALE = 20,000' / in.	DRAWN - YC	REVISED -
PLOT DATE = 11/21/2023	CHECKED - JTL	REVISED -
	DATE - 10/02/2023	REVISED -

VILLAGE OF PALATINE

ILLINOIS AVENUE
CROSS SECTIONS

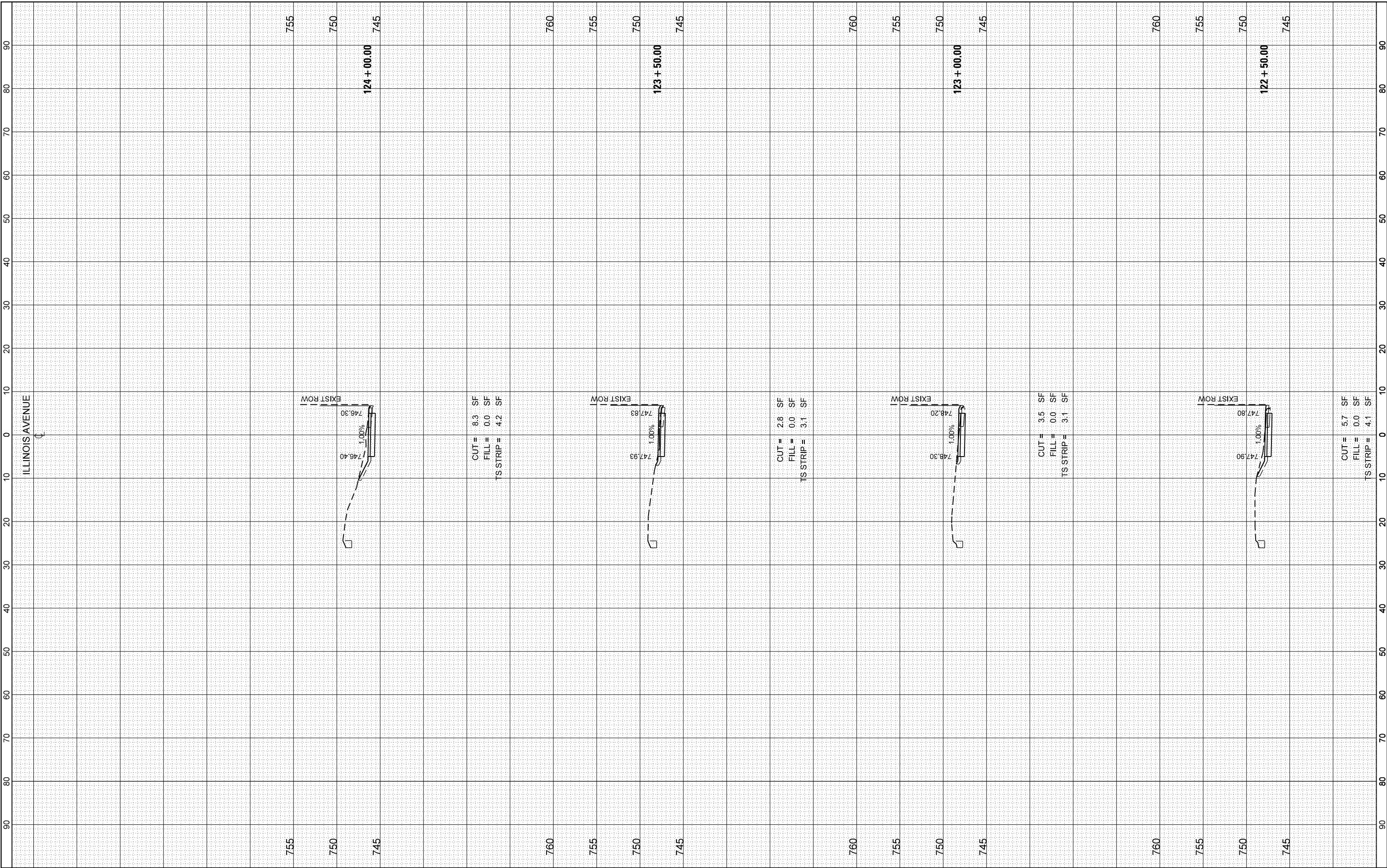
SCALE: 1"=5'V:1"=10'H SHEET 10 OF 21 SHEETS STA. 120+50.00 TO STA. 122+00.00

F.A.U. RTE. 4480	SECTION 22-00112-00-RS	COUNTY COOK	TOTAL SHEETS 80	SHEET NO. 67
CONTRACT NO. 61K08				
ILLINOIS		FED. AID PROJECT		

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

FILE NAME = F:\35-108 Illinois Ave Resurfacing and MUP Phase 1 & MICADD Sheets\12_Cross Sections\Phase 1\35-108_SHT_Cross Sections.dgn



BLA, Inc.

USER NAME = jthede	DESIGNED - MRQ	REVISED -
PLOT SCALE = 20,000' / in.	DRAWN - YC	REVISED -
PLOT DATE = 11/21/2023	CHECKED - JTL	REVISED -
	DATE - 10/02/2023	REVISED -

VILLAGE OF PALATINE

**ILLINOIS AVENUE
CROSS SECTIONS**

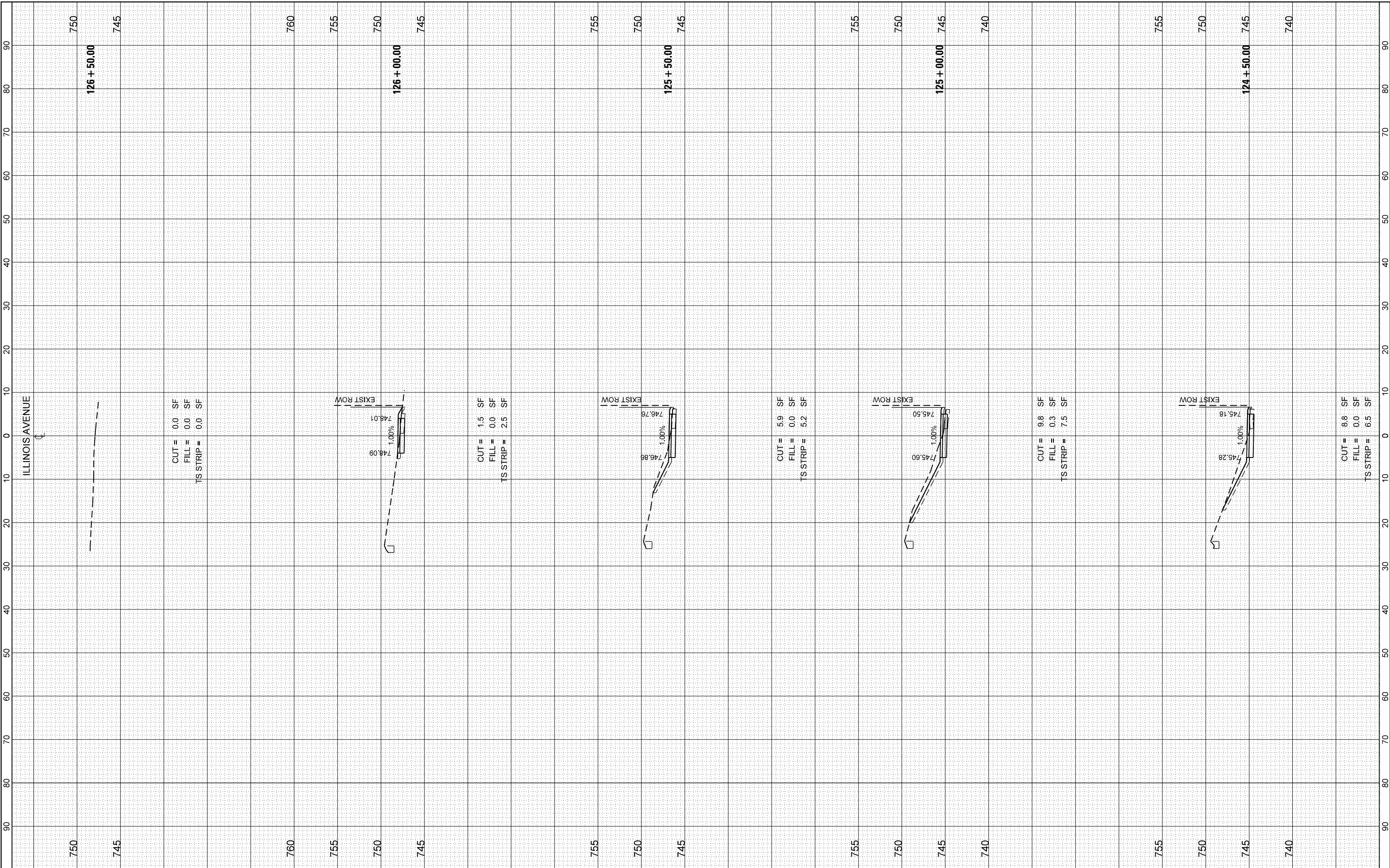
SCALE: 1"=5'V:1"=10'H SHEET 11 OF 21 SHEETS STA. 122+50.00 TO STA. 124+00.00

F.A.U. RTE. 4480	SECTION 22-00112-00-RS	COUNTY COOK	TOTAL SHEETS 80	SHEET NO. 68
CONTRACT NO. 61K08				
ILLINOIS FED. AID PROJECT				

FINL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE
NOTE BOOK	PLOTTED TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE

FILE NAME = F:\335-108 Illinois Ave Resurfacing and MUP Phase 1 & MICADD Sheets\12_Cross Sections\Phase 1\335-108_SHT_Cross Sections.dgn



BLA, Inc.

USER NAME = jthede	DESIGNED - MRQ	REVISED -
PLOT SCALE = 20,000' / in.	DRAWN - YC	REVISED -
PLOT DATE = 11/21/2023	CHECKED - JTL	REVISED -
	DATE - 10/02/2023	REVISED -

VILLAGE OF PALATINE

**ILLINOIS AVENUE
CROSS SECTIONS**

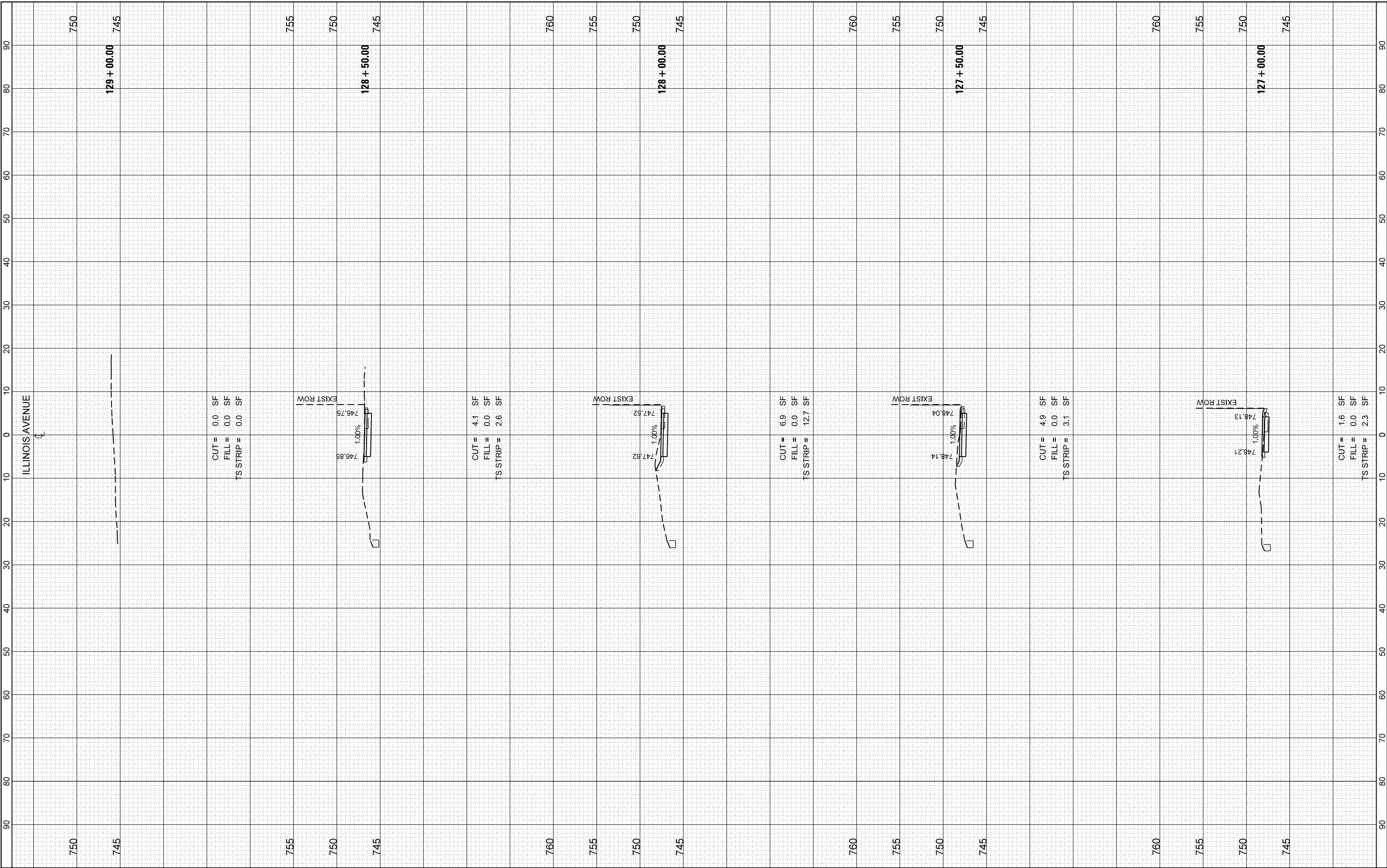
SCALE: 1"=5'V:1"=10'H SHEET 12 OF 21 SHEETS STA. 124+50.00 TO STA. 126+50.00

F.A.U. RTE. 4480	SECTION 22-00112-00-RS	COUNTY COOK	TOTAL SHEETS 80	SHEET NO. 69
CONTRACT NO. 61K08				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

FILE NAME = F:\35-108 Illinois Ave Resurfacing and MUP Phase 1 & 2\CADD Sheets\12_Cross Sections\Phase 1\35-108_SHT_Cross Sections.dgn



BLA, Inc.

USER NAME = jthede	DESIGNED - MRQ	REVISED -
PLOT SCALE = 20,000' / in.	DRAWN - YC	REVISED -
PLOT DATE = 11/21/2023	CHECKED - JTL	REVISED -
	DATE - 10/02/2023	REVISED -

VILLAGE OF PALATINE

ILLINOIS AVENUE CROSS SECTIONS

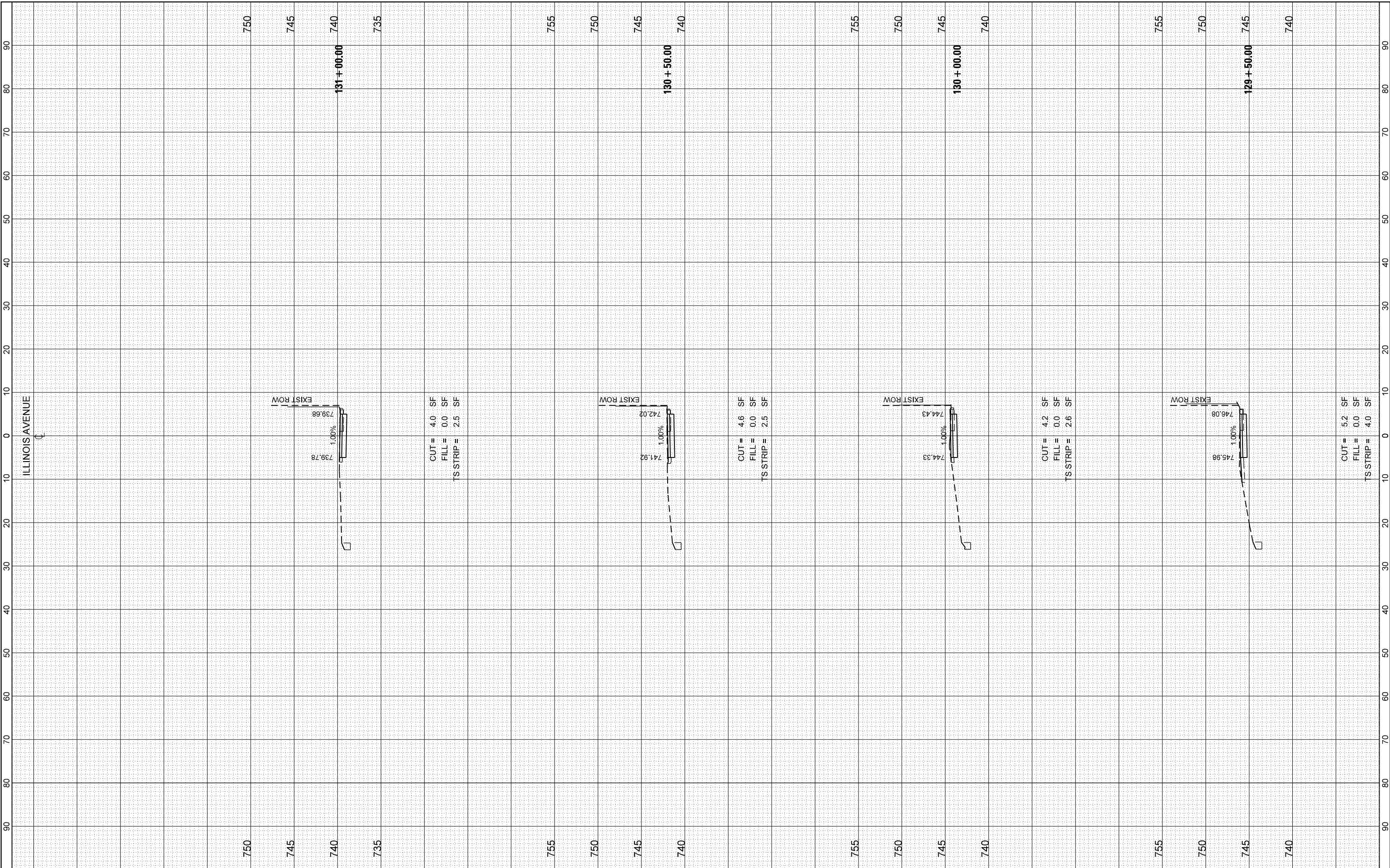
SCALE: 1"=5'V:1"=10'H SHEET 13 OF 21 SHEETS STA. 127+00.00 TO STA. 129+00.00

F.A.U. RTE. 4480	SECTION 22-00112-00-RS	COUNTY COOK	TOTAL SHEETS 80	SHEET NO. 70
CONTRACT NO. 61K08				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

FILE NAME = F:\635-108 Illinois Ave Resurfacing and MUP Phase 1 & 2\CADD Sheets\12_Cross Sections\Phase 1\12_Cross Sections.dgn



BLA, Inc.

USER NAME = jthede	DESIGNED - MRQ	REVISED -
PLOT SCALE = 20,000' / in.	DRAWN - YC	REVISED -
PLOT DATE = 11/21/2023	CHECKED - JTL	REVISED -
	DATE - 10/02/2023	REVISED -

VILLAGE OF PALATINE

**ILLINOIS AVENUE
CROSS SECTIONS**

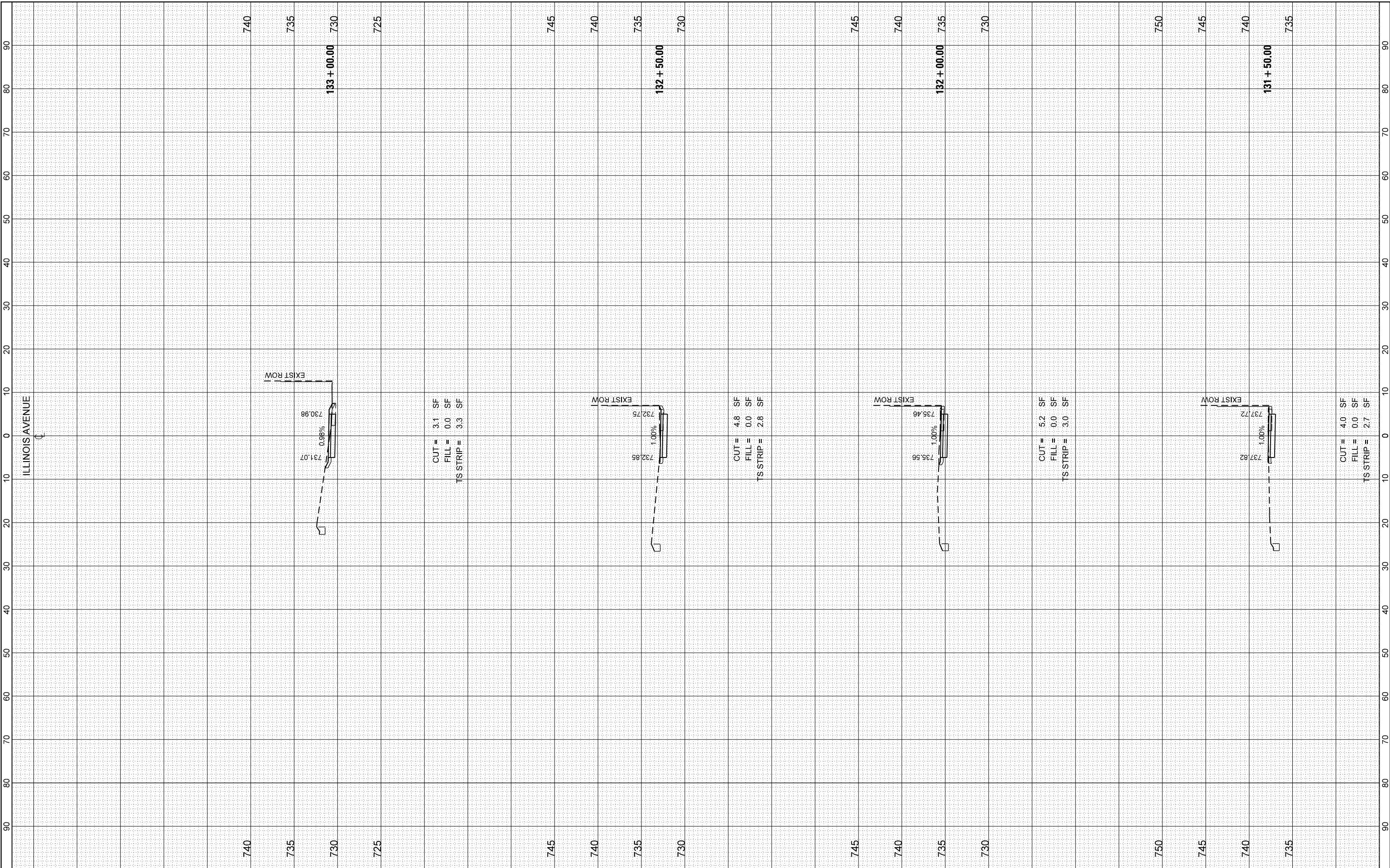
SCALE: 1"=5'V:1"=10'H SHEET 14 OF 21 SHEETS STA. 129+50.00 TO STA. 131+00.00

F.A.U. RTE. 4480	SECTION 22-00112-00-RS	COUNTY COOK	TOTAL SHEETS 80	SHEET NO. 71
CONTRACT NO. 61K08				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
NOTE BOOK NO.	TEMPLATE AREAS CHECKED		

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
NOTE BOOK NO.	TEMPLATE AREAS CHECKED		

FILE NAME = F:\335-108 Illinois Ave Resurfacing and MUP Phase 1 & MICADD Sheets\12_Cross Sections\Phase 1\12_Cross Sections.dgn



USER NAME = jthede	DESIGNED - MRQ	REVISED -
PLOT SCALE = 20,000' / in.	DRAWN - YC	REVISED -
PLOT DATE = 11/21/2023	CHECKED - JTL	REVISED -
	DATE - 10/02/2023	REVISED -

VILLAGE OF PALATINE

ILLINOIS AVENUE
CROSS SECTIONS

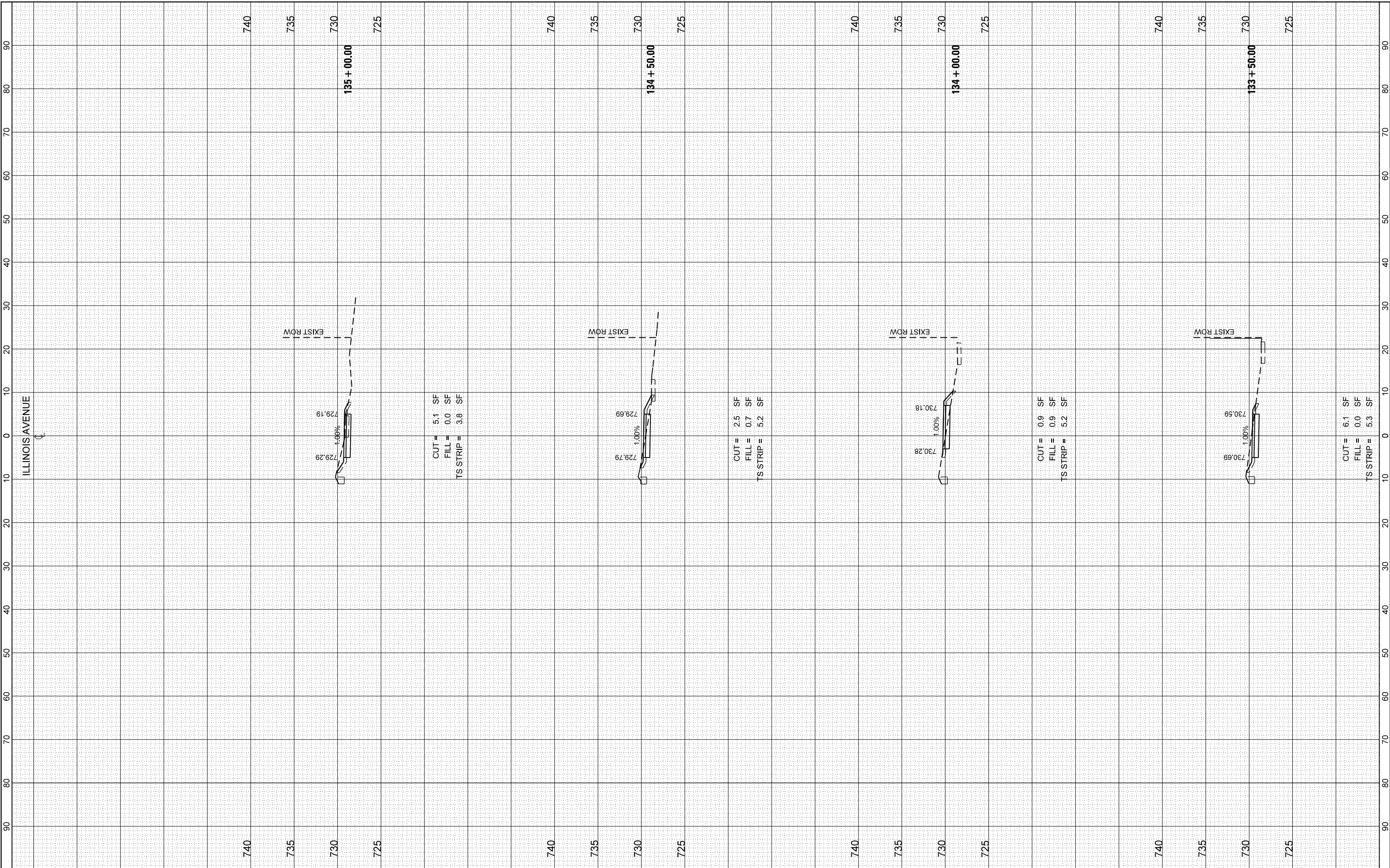
SCALE: 1"=5'V:1"=10'H SHEET 15 OF 21 SHEETS STA. 131+50.00 TO STA. 133+00.00

F.A.U. RTE. 4480	SECTION 22-00112-00-RS	COUNTY COOK	TOTAL SHEETS 80	SHEET NO. 72
CONTRACT NO. 61K08				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
NOTE BOOK	TEMPLATE		

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE
NOTE BOOK	TEMPLATE		

FILE NAME = F:\335-108 Illinois Ave Resurfacing and MUP Phase 1 & MICADD Sheets\12_Cross Sections\Phase 1\335-108_SHT_Cross Sections.dgn



BLA, Inc.

USER NAME = jthede	DESIGNED - MRQ	REVISED -
PLOT SCALE = 20,000' / in.	DRAWN - YC	REVISED -
PLOT DATE = 11/21/2023	CHECKED - JTL	REVISED -
	DATE - 10/02/2023	REVISED -

VILLAGE OF PALATINE

**ILLINOIS AVENUE
CROSS SECTIONS**

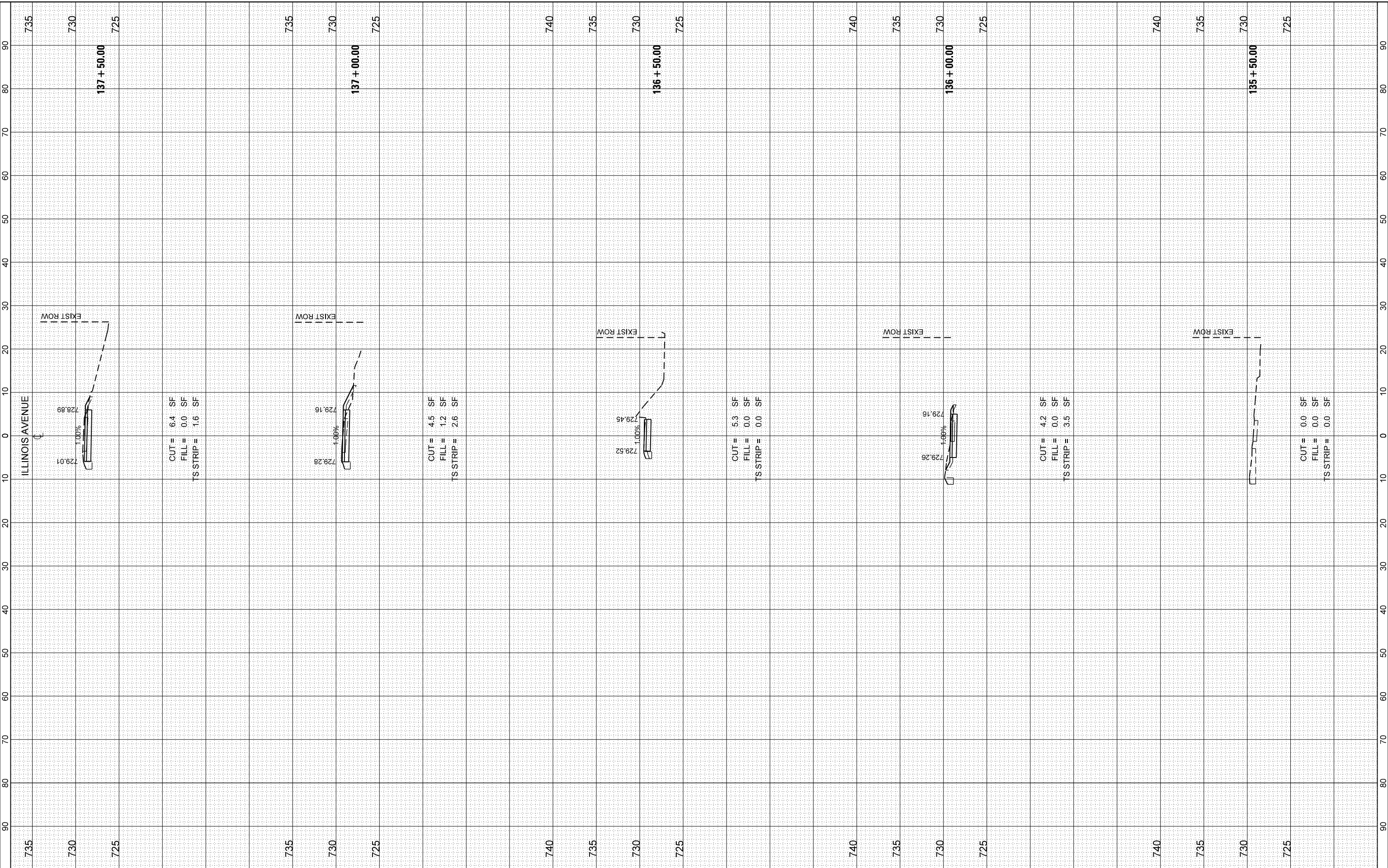
SCALE: 1"=5'V:1"=10'H SHEET 16 OF 21 SHEETS STA. 133+50.00 TO STA. 135+00.00

F.A.U. RTE. 4480	SECTION 22-00112-00-RS	COUNTY COOK	TOTAL SHEETS 80	SHEET NO. 73
CONTRACT NO. 61K08				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE
NOTE BOOK	PLOTTED TEMPLATE		

ORIGINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE
NOTE BOOK	PLOTTED TEMPLATE		

FILE NAME = F:\35-108 Illinois Ave Resurfacing and MUP Phase 1 & 2\CADD Sheets\12_Cross Sections\Phase 1\12_Cross Sections.dgn



USER NAME = jthede	DESIGNED - MRQ	REVISED -
PLOT SCALE = 20,000' / in.	DRAWN - YC	REVISED -
PLOT DATE = 11/21/2023	CHECKED - JTL	REVISED -
	DATE - 10/02/2023	REVISED -

BLA, Inc.

VILLAGE OF PALATINE

**ILLINOIS AVENUE
CROSS SECTIONS**

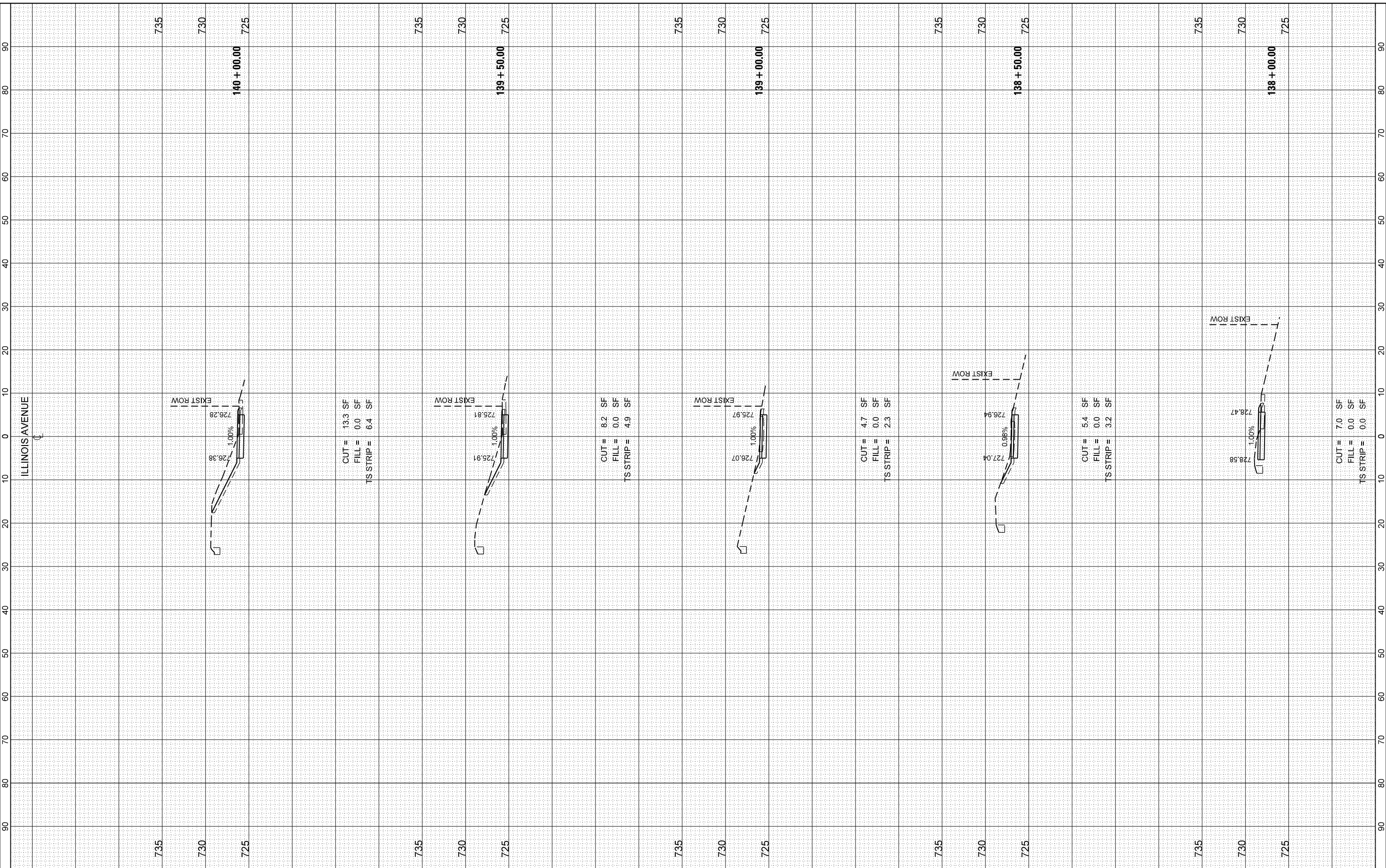
SCALE: 1"=5'V:1"=10'H SHEET 17 OF 21 SHEETS STA. 135+50.00 TO STA. 137+50.00

F.A.U. RTE. 4480	SECTION 22-00112-00-RS	COUNTY COOK	TOTAL SHEETS 80	SHEET NO. 74
CONTRACT NO. 61K08				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE

FILE NAME = F:\335-108 Illinois Ave Resurfacing and MUP Phase 1 & MICADD Sheets\12_Cross Sections\Phase 1\335-108_SHT_Cross Sections.dgn



BLA, Inc.

USER NAME = jthede	DESIGNED - MRQ	REVISED -
PLOT SCALE = 20,000' / in.	DRAWN - YC	REVISED -
PLOT DATE = 11/21/2023	CHECKED - JTL	REVISED -
	DATE - 10/02/2023	REVISED -

VILLAGE OF PALATINE

**ILLINOIS AVENUE
CROSS SECTIONS**

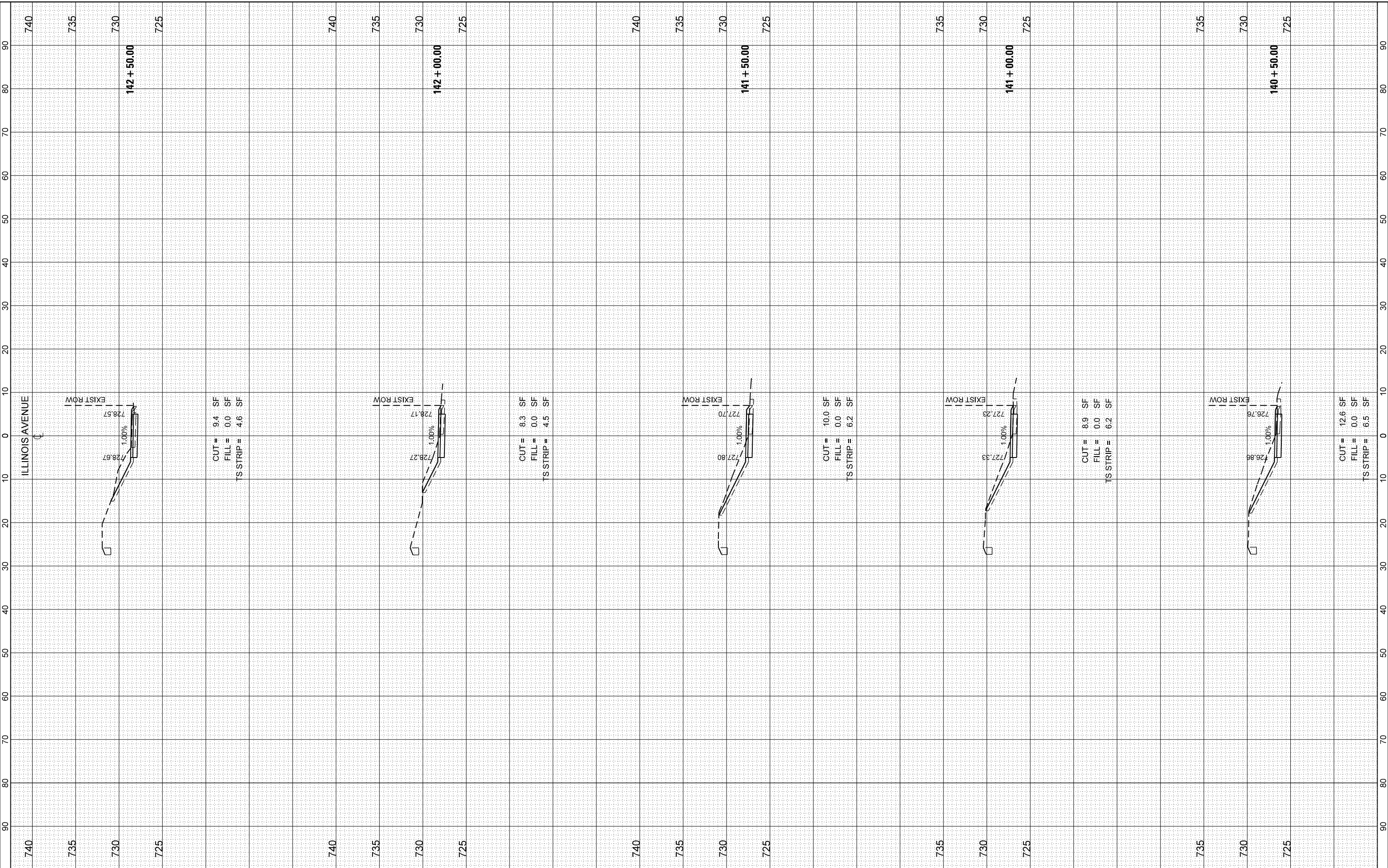
SCALE: 1"=5'V:1"=10'H SHEET 18 OF 21 SHEETS STA. 138+00.00 TO STA. 140+00.00

F.A.U. RTE. 4480	SECTION 22-00112-00-RS	COUNTY COOK	TOTAL SHEETS 80	SHEET NO. 75
ILLINOIS			FED. AID PROJECT	
CONTRACT NO. 61K08				

FINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED AREAS CHECKED	BY	DATE

FILE NAME = F:\335-108 Illinois Ave Resurfacing and MUP Phase 1 & MICADD Sheets\12_Cross Sections\Phase 1\335-108_SHT_Cross Sections.dgn



BLA, Inc.

USER NAME = jthede	DESIGNED - MRQ	REVISED -
PLOT SCALE = 20,000' / in.	DRAWN - YC	REVISED -
PLOT DATE = 11/21/2023	CHECKED - JTL	REVISED -
	DATE - 10/02/2023	REVISED -

DESIGNED - MRQ	REVISED -
DRAWN - YC	REVISED -
CHECKED - JTL	REVISED -
DATE - 10/02/2023	REVISED -

VILLAGE OF PALATINE

**ILLINOIS AVENUE
CROSS SECTIONS**

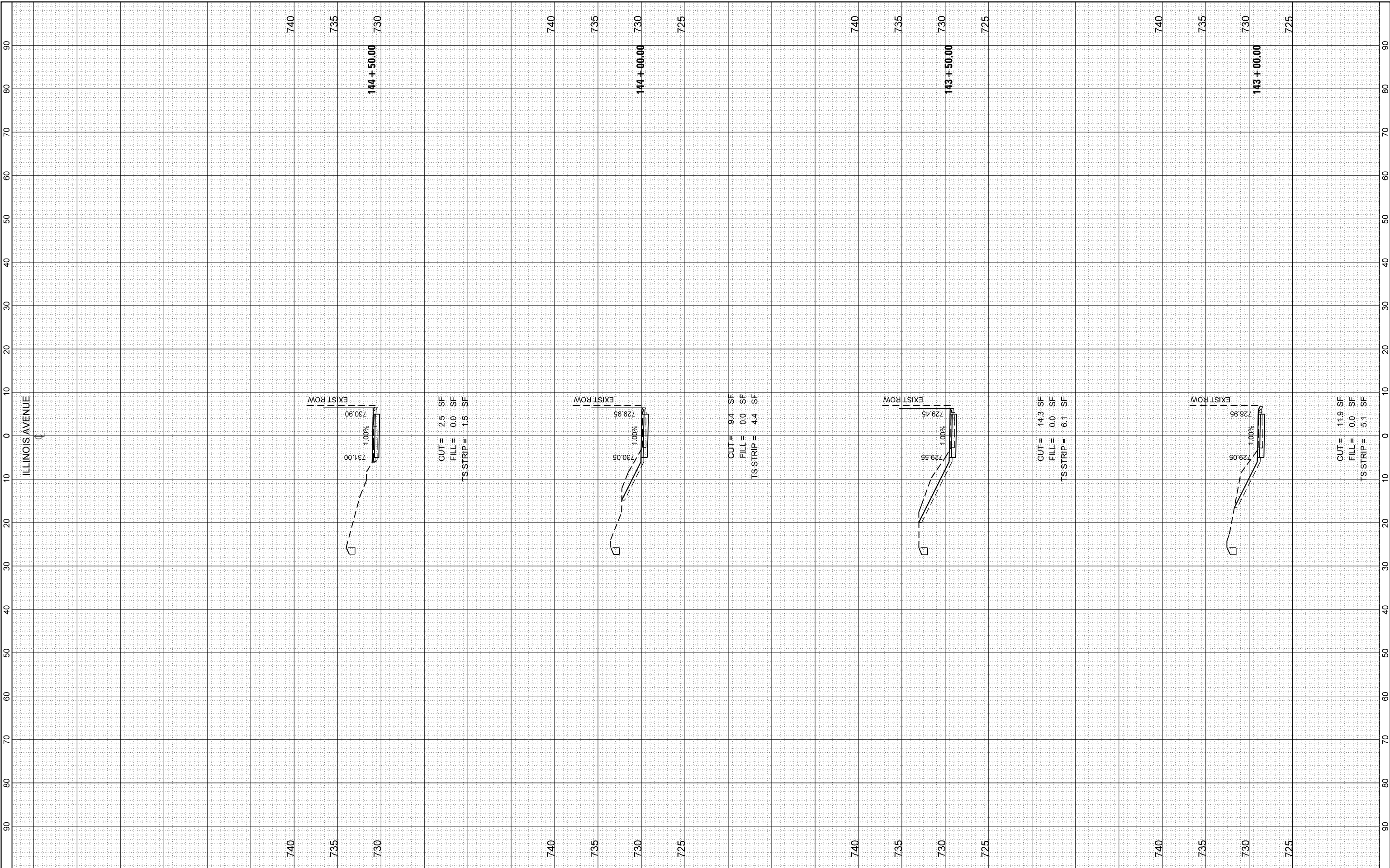
SCALE: 1"=5'V:1"=10'H SHEET 19 OF 21 SHEETS STA. 140+50.00 TO STA. 142+50.00

F.A.U. RTE. 4480	SECTION 22-00112-00-RS	COUNTY COOK	TOTAL SHEETS 80	SHEET NO. 76
ILLINOIS FED. AID PROJECT			CONTRACT NO. 61K08	

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

FILE NAME = F:\335-108 Illinois Ave Resurfacing and MUP Phase 1 & 2\CADD Sheets\12_Cross Sections\Phase 1\12_Cross Sections.dgn



BLA, Inc.

USER NAME = jthede	DESIGNED - MRQ	REVISED -
PLOT SCALE = 20,000' / in.	DRAWN - YC	REVISED -
PLOT DATE = 11/21/2023	CHECKED - JTL	REVISED -
	DATE - 10/02/2023	REVISED -

VILLAGE OF PALATINE

**ILLINOIS AVENUE
CROSS SECTIONS**

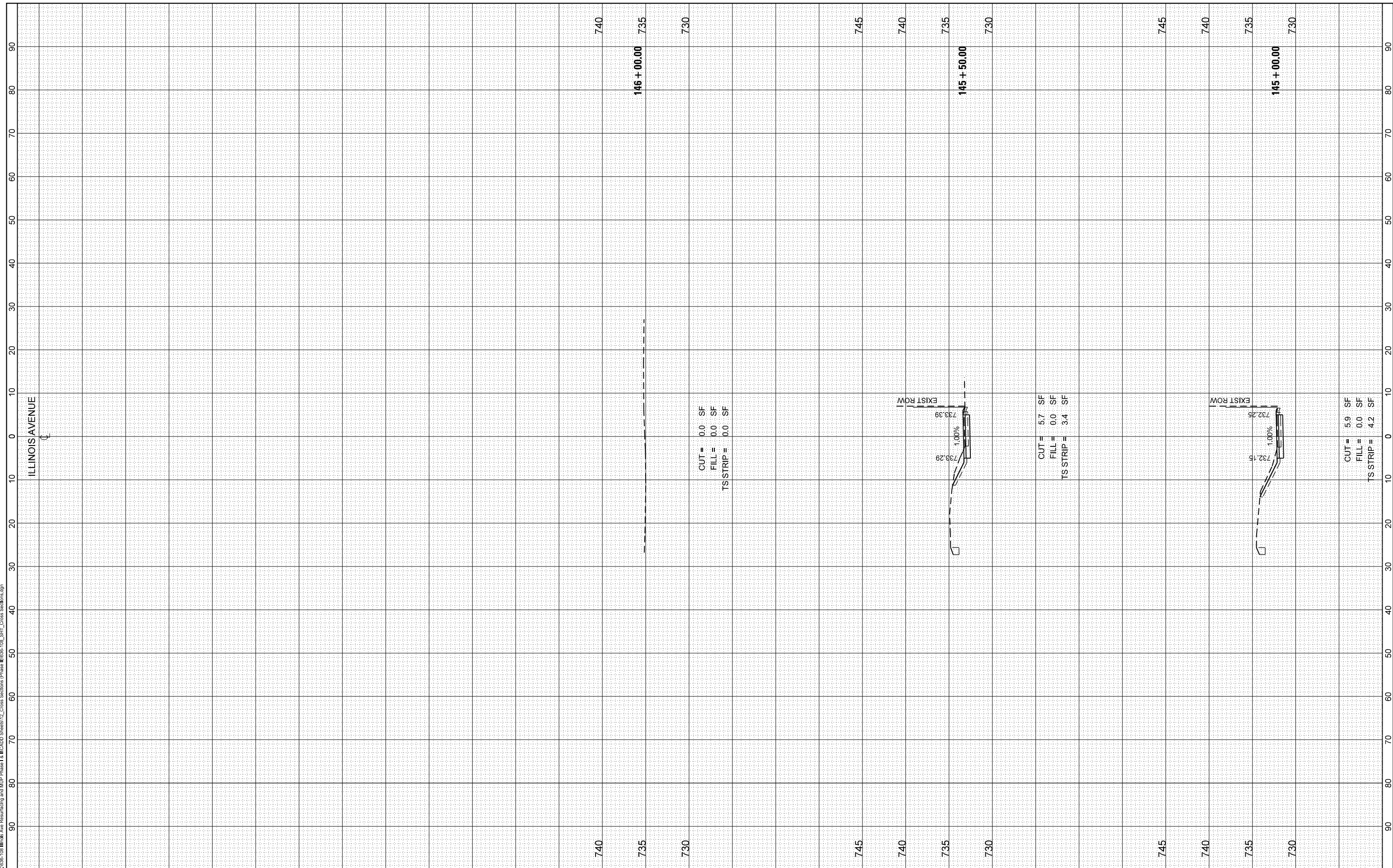
SCALE: 1"=5'V:1"=10'H SHEET 20 OF 21 SHEETS STA. 143+00.00 TO STA. 144+50.00

F.A.U. RTE. 4480	SECTION 22-00112-00-RS	COUNTY COOK	TOTAL SHEETS 80	SHEET NO. 77
CONTRACT NO. 61K08				
ILLINOIS FED. AID PROJECT				

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

FILE NAME = F:\335-108 Illinois Ave Resurfacing and MUP Phase 1 & I/CADD Sheets\12_Cross Sections\Phase 1\335-108_SHT_Cross Sections.dgn



USER NAME = jthede	DESIGNED - MRQ	REVISED -
PLOT SCALE = 20,000' / in.	DRAWN - YC	REVISED -
PLOT DATE = 11/21/2023	CHECKED - JTL	REVISED -
	DATE - 10/02/2023	REVISED -

VILLAGE OF PALATINE

ILLINOIS AVENUE
CROSS SECTIONS

SCALE: 1"=5'V:1"=10'H SHEET 21 OF 21 SHEETS STA. 145+00.00 TO STA. 146+00.00

F.A.U. RTE. 4480	SECTION 22-00112-00-RS	COUNTY COOK	TOTAL SHEETS 80	SHEET NO. 78
CONTRACT NO. 61K08				
ILLINOIS FED. AID PROJECT				

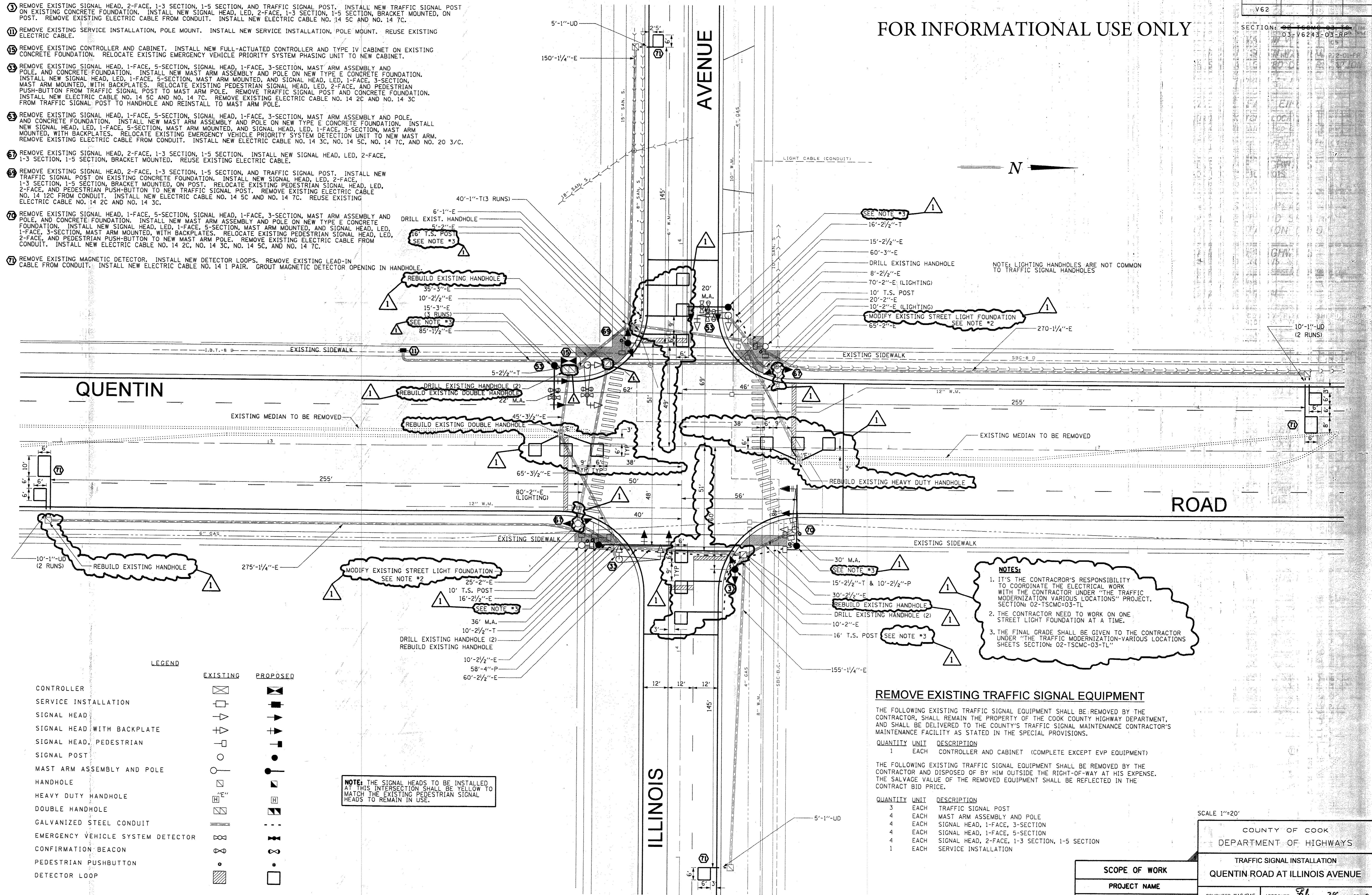
CONSTRUCTION NOTES

- 1) REMOVE EXISTING SIGNAL HEAD, 2-FACE, 1-3 SECTION, 1-5 SECTION, AND TRAFFIC SIGNAL POST. INSTALL NEW TRAFFIC SIGNAL POST ON EXISTING CONCRETE FOUNDATION. INSTALL NEW SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED, ON POST. REMOVE EXISTING ELECTRIC CABLE FROM CONDUIT. INSTALL NEW ELECTRIC CABLE NO. 14 5C AND NO. 14 7C.
- 11) REMOVE EXISTING SERVICE INSTALLATION, POLE MOUNT. INSTALL NEW SERVICE INSTALLATION, POLE MOUNT. REUSE EXISTING ELECTRIC CABLE.
- 15) REMOVE EXISTING CONTROLLER AND CABINET. INSTALL NEW FULL-ACTUATED CONTROLLER AND TYPE IV CABINET ON EXISTING CONCRETE FOUNDATION. RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM PHASING UNIT TO NEW CABINET.
- 16) REMOVE EXISTING SIGNAL HEAD, 1-FACE, 5-SECTION, SIGNAL HEAD, 1-FACE, 3-SECTION, MAST ARM ASSEMBLY AND POLE, AND CONCRETE FOUNDATION. INSTALL NEW MAST ARM ASSEMBLY AND POLE ON NEW TYPE E CONCRETE FOUNDATION. INSTALL NEW SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED, AND SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED, WITH BACKPLATES. RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, AND PEDESTRIAN PUSH-BUTTON FROM TRAFFIC SIGNAL POST TO MAST ARM POLE. REMOVE TRAFFIC SIGNAL POST AND CONCRETE FOUNDATION. INSTALL NEW ELECTRIC CABLE NO. 14 5C AND NO. 14 7C. REMOVE EXISTING ELECTRIC CABLE NO. 14 2C AND NO. 14 3C FROM TRAFFIC SIGNAL POST TO HANDHOLE AND REINSTALL TO MAST ARM POLE.
- 15) REMOVE EXISTING SIGNAL HEAD, 1-FACE, 5-SECTION, SIGNAL HEAD, 1-FACE, 3-SECTION, MAST ARM ASSEMBLY AND POLE, AND CONCRETE FOUNDATION. INSTALL NEW MAST ARM ASSEMBLY AND POLE ON NEW TYPE E CONCRETE FOUNDATION. INSTALL NEW SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED, AND SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED, WITH BACKPLATES. RELOCATE EXISTING EMERGENCY VEHICLE PRIORITY SYSTEM DETECTION UNIT TO NEW MAST ARM. REMOVE EXISTING ELECTRIC CABLE FROM CONDUIT. INSTALL NEW ELECTRIC CABLE NO. 14 3C, NO. 14 5C, NO. 14 7C, AND NO. 20 3/C.
- 17) REMOVE EXISTING SIGNAL HEAD, 2-FACE, 1-3 SECTION, 1-5 SECTION. INSTALL NEW SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED. REUSE EXISTING ELECTRIC CABLE.
- 15) REMOVE EXISTING SIGNAL HEAD, 2-FACE, 1-3 SECTION, 1-5 SECTION, AND TRAFFIC SIGNAL POST. INSTALL NEW TRAFFIC SIGNAL POST ON EXISTING CONCRETE FOUNDATION. INSTALL NEW SIGNAL HEAD, LED, 2-FACE, 1-3 SECTION, 1-5 SECTION, BRACKET MOUNTED, ON POST. RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, AND PEDESTRIAN PUSH-BUTTON TO NEW TRAFFIC SIGNAL POST. REMOVE EXISTING ELECTRIC CABLE NO. 14 12C FROM CONDUIT. INSTALL NEW ELECTRIC CABLE NO. 14 5C AND NO. 14 7C. REUSE EXISTING ELECTRIC CABLE NO. 14 2C AND NO. 14 3C.
- 17) REMOVE EXISTING SIGNAL HEAD, 1-FACE, 5-SECTION, SIGNAL HEAD, 1-FACE, 3-SECTION, MAST ARM ASSEMBLY AND POLE, AND CONCRETE FOUNDATION. INSTALL NEW SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED, AND SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED, WITH BACKPLATES. RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD, LED, 2-FACE, AND PEDESTRIAN PUSH-BUTTON TO NEW MAST ARM POLE. REMOVE EXISTING ELECTRIC CABLE FROM CONDUIT. INSTALL NEW ELECTRIC CABLE NO. 14 2C, NO. 14 3C, NO. 14 5C, AND NO. 14 7C.
- 17) REMOVE EXISTING MAGNETIC DETECTOR. INSTALL NEW DETECTOR LOOPS. REMOVE EXISTING LEAD-IN CABLE FROM CONDUIT. INSTALL NEW ELECTRIC CABLE NO. 14 1 PAIR. GROUT MAGNETIC DETECTOR OPENING IN HANDHOLE.

FOR INFORMATIONAL USE ONLY

COUNTY HIGHWAY	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
V62			

SECTION: 02-TSCMC-03-TL
03-V6243-03-RP



NOTE: LIGHTING HANDHOLES ARE NOT COMMON TO TRAFFIC SIGNAL HANDHOLES

NOTES:

1. IT'S THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE ELECTRICAL WORK WITH THE CONTRACTOR UNDER "THE TRAFFIC MODERNIZATION VARIOUS LOCATIONS" PROJECT. SECTION: 02-TSCMC-03-TL
2. THE CONTRACTOR NEED TO WORK ON ONE STREET LIGHT FOUNDATION AT A TIME.
3. THE FINAL GRADE SHALL BE GIVEN TO THE CONTRACTOR UNDER "THE TRAFFIC MODERNIZATION-VARIOUS LOCATIONS SHEETS SECTION: 02-TSCMC-03-TL"

LEGEND

	EXISTING	PROPOSED
CONTROLLER		
SERVICE INSTALLATION		
SIGNAL HEAD		
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD, PEDESTRIAN		
SIGNAL POST		
MAST ARM ASSEMBLY AND POLE		
HANDHOLE		
HEAVY DUTY HANDHOLE		
DOUBLE HANDHOLE		
GALVANIZED STEEL CONDUIT		
EMERGENCY VEHICLE SYSTEM DETECTOR		
CONFIRMATION BEACON		
PEDESTRIAN PUSHBUTTON		
DETECTOR LOOP		

NOTE: THE SIGNAL HEADS TO BE INSTALLED AT THIS INTERSECTION SHALL BE YELLOW TO MATCH THE EXISTING PEDESTRIAN SIGNAL HEADS TO REMAIN IN USE.

REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR, SHALL REMAIN THE PROPERTY OF THE COOK COUNTY HIGHWAY DEPARTMENT, AND SHALL BE DELIVERED TO THE COUNTY'S TRAFFIC SIGNAL MAINTENANCE CONTRACTOR'S MAINTENANCE FACILITY AS STATED IN THE SPECIAL PROVISIONS.

QUANTITY	UNIT	DESCRIPTION
1	EACH	CONTROLLER AND CABINET (COMPLETE EXCEPT EVP EQUIPMENT)

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

QUANTITY	UNIT	DESCRIPTION
3	EACH	TRAFFIC SIGNAL POST
4	EACH	MAST ARM ASSEMBLY AND POLE
4	EACH	SIGNAL HEAD, 1-FACE, 3-SECTION
4	EACH	SIGNAL HEAD, 1-FACE, 5-SECTION
4	EACH	SIGNAL HEAD, 2-FACE, 1-3 SECTION, 1-5 SECTION
1	EACH	SERVICE INSTALLATION

SCALE 1"=20'

COUNTY OF COOK
DEPARTMENT OF HIGHWAYS

TRAFFIC SIGNAL INSTALLATION
QUENTIN ROAD AT ILLINOIS AVENUE

SCOPE OF WORK
PROJECT NAME

QUENTIN ROAD-EUCLID AVENUE TO ILLINOIS AVENUE RESURFACING PROJECT.

COMPUTED WAC/RAS
DRAWN WAC/AS/RAS
CHECKED PLW/RJJ

APPROVED *[Signature]* 20 28
CHIEF ENGINEER

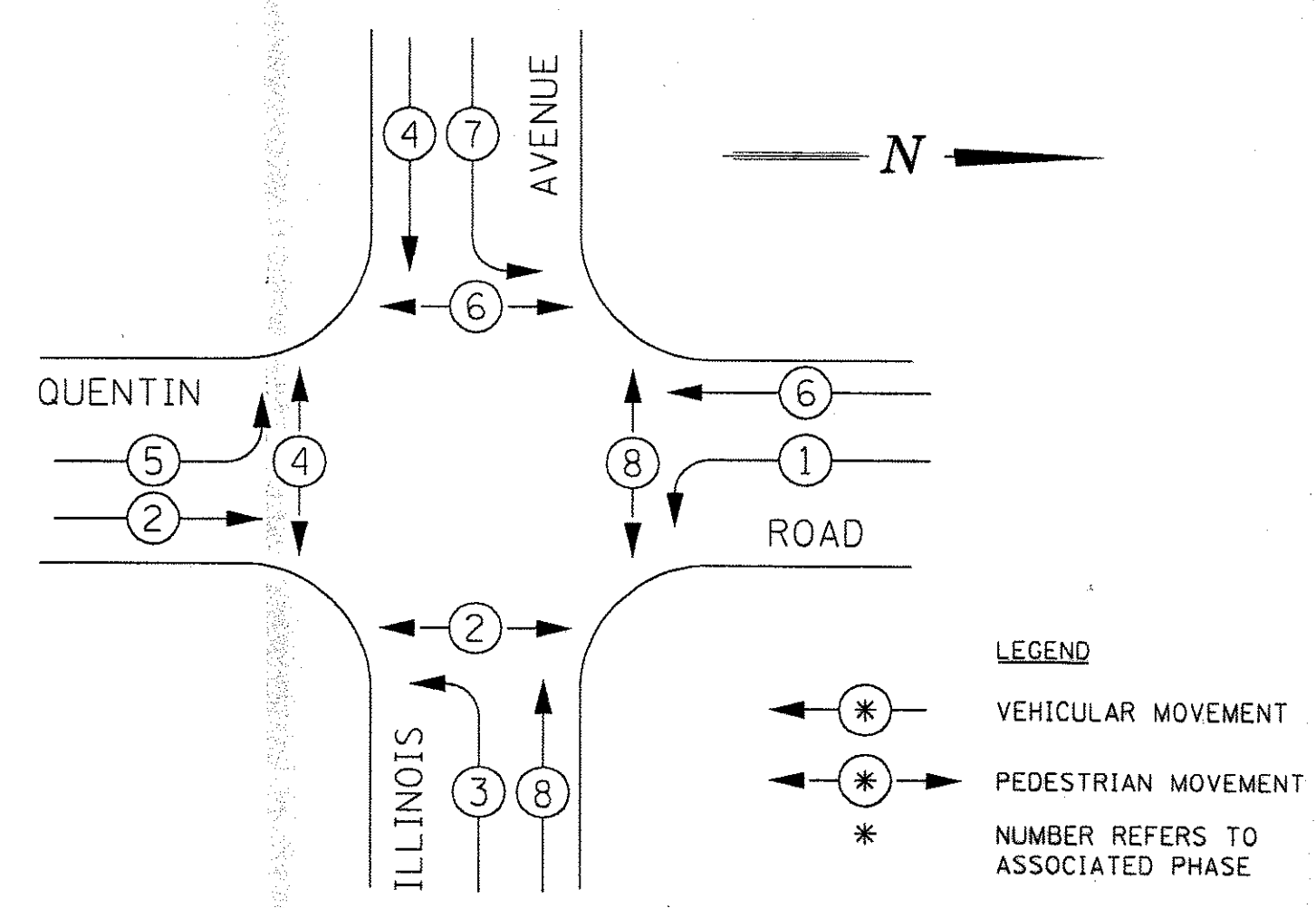
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SECTION: 02 TSGMC 03 TO 03-V6243-03-RP

CABLE PLAN LEGEND

	PROPOSED	EXISTING
CONTROLLER CABINET		
SERVICE INSTALLATION		
12" TRAFFIC SIGNAL SECTION		
DENOTES NUMBER OF CONDUCTORS ALL CABLE NO. 14 EXCEPT AS INDICATED. ALL LOOP DETECTOR CABLE TO BE TWISTED AND SHIELDED.		
VEHICLE DETECTOR, INDUCTION LOOP		
SHIELDED & TWISTED		
EMERGENCY VEHICLE LIGHT DETECTOR		
CONFIRMATION BEACON		
OPTICOM CABLE		
300mm PEDESTRIAN SIGNAL HEAD		
PUSHBUTTON DETECTOR		
GROUND ROD AT HANDHOLE (H), DOUBLE HANDHOLE (H), OR CONTROLLER (C).		
GROUND ROD AT POST (P), OR MAST ARM POLE (MA).		
GROUND ROD AT ELECTRIC SERVICE INSTALLATION		

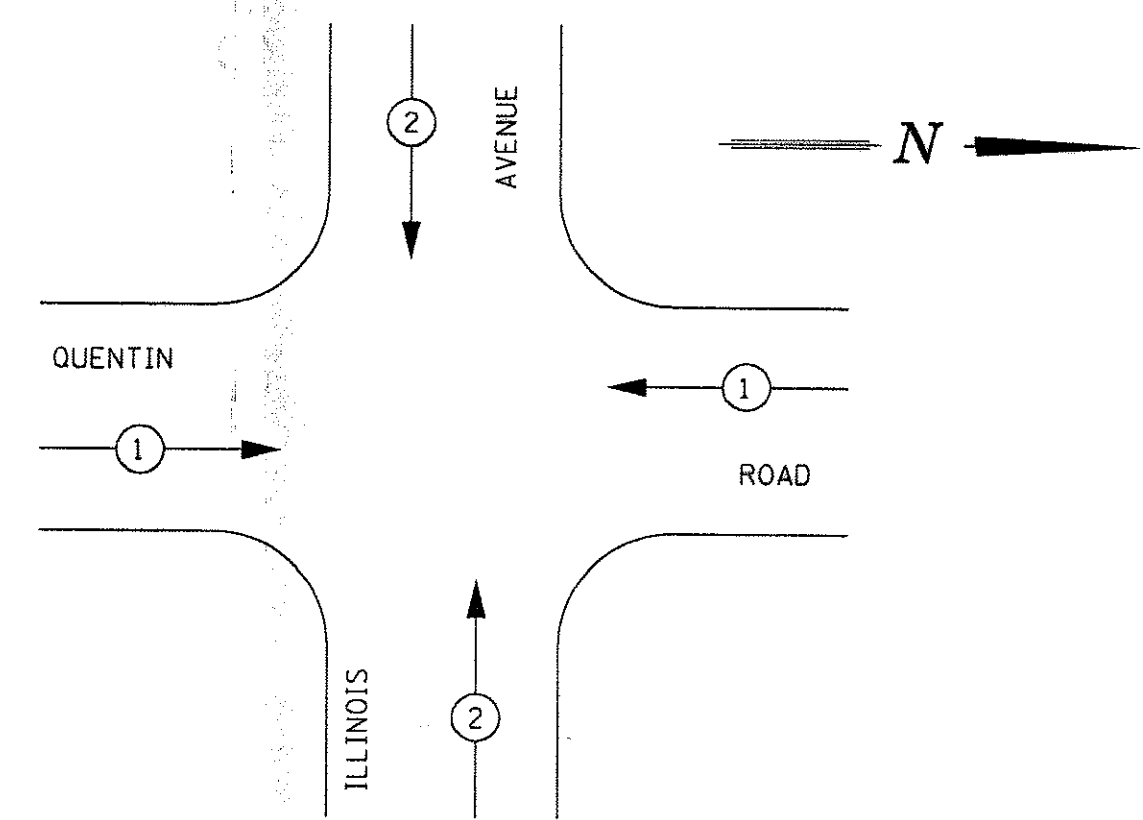
EXISTING/PROPOSED CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM

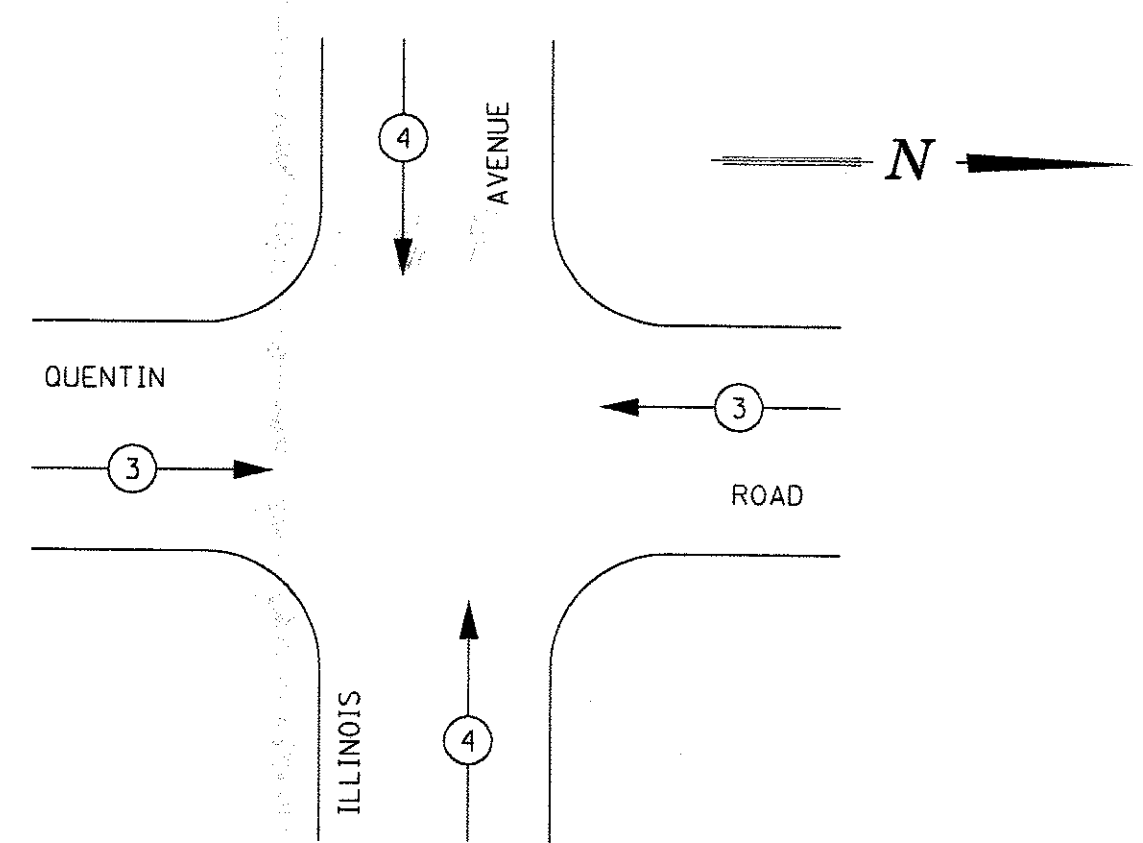
DUAL ENTRY - ALL LEGS PROTECTED / PERMITTED LEFT TURN PHASING

EXISTING EMERGENCY VEHICLE PREEMPTION SEQUENCE



EXISTING EMERGENCY VEHICLE PREEMPTOR		
EMERGENCY VEHICLE PREEMPTOR	1	2
MOVEMENT		

PROPOSED EMERGENCY VEHICLE PREEMPTION SEQUENCE

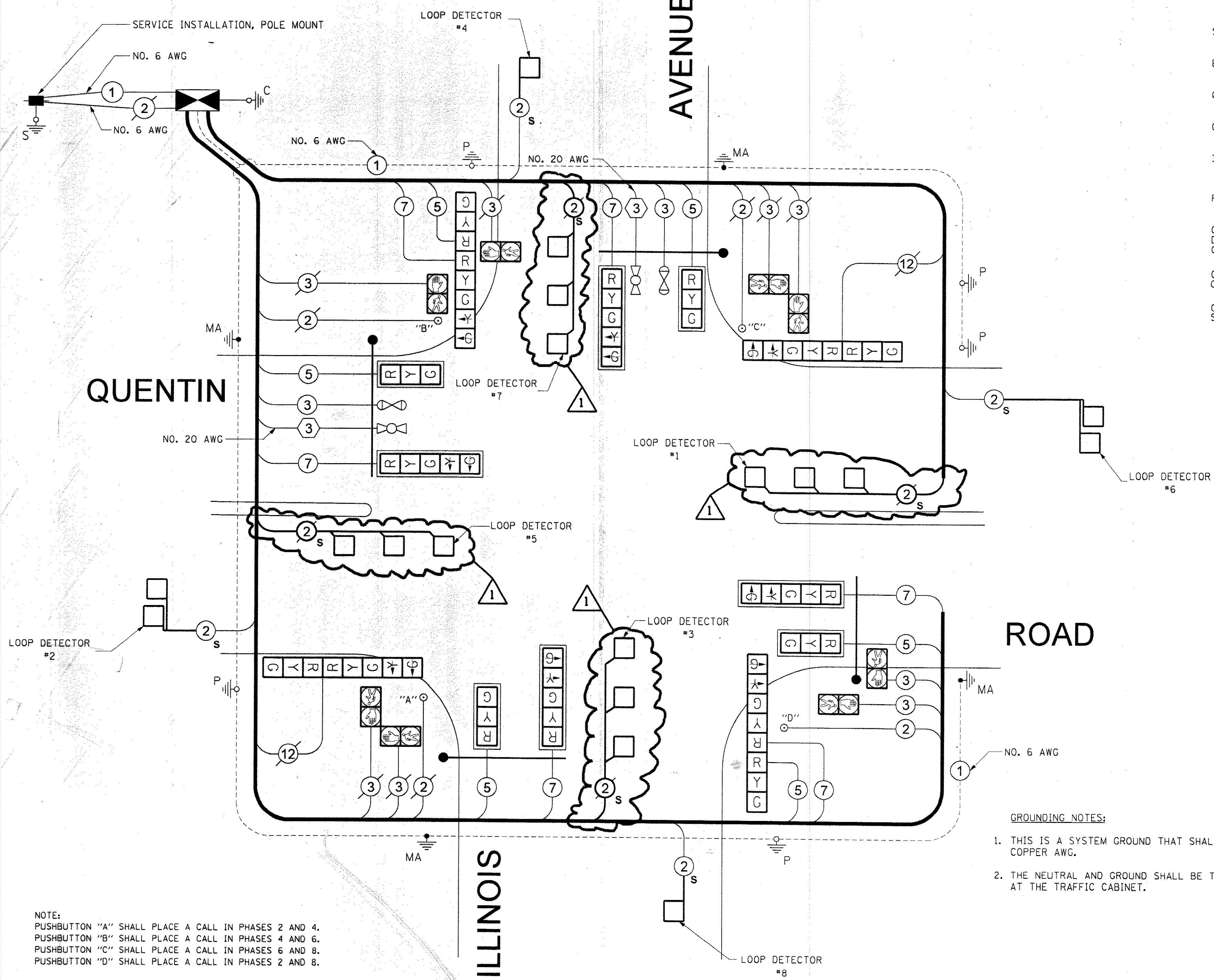
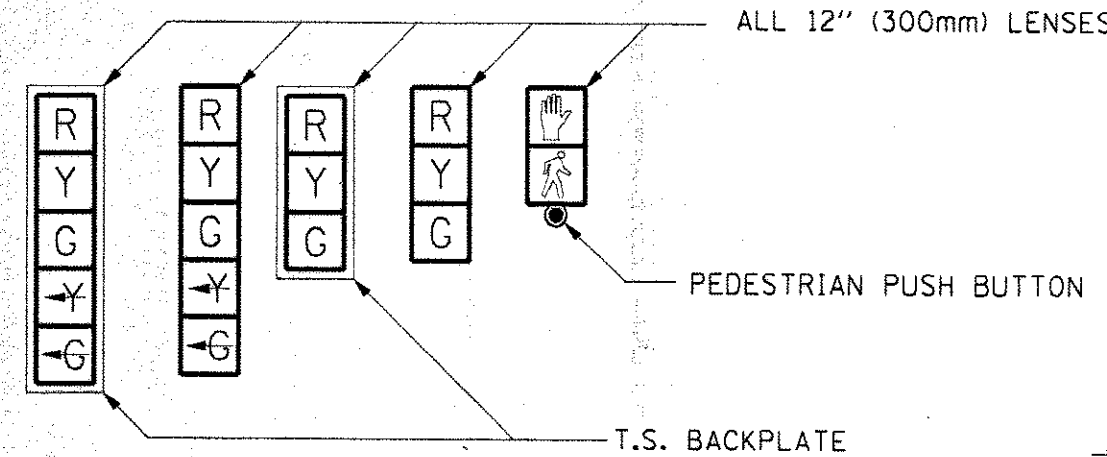


PROPOSED EMERGENCY VEHICLE PREEMPTOR		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT		

SIGNAL LENSES

- R RED
- Y YELLOW
- G GREEN
- Y YELLOW TURN INDICATOR
- G GREEN TURN INDICATOR

SIGNAL FACES



NOTE: PUSHBUTTON "A" SHALL PLACE A CALL IN PHASES 2 AND 4. PUSHBUTTON "B" SHALL PLACE A CALL IN PHASES 4 AND 6. PUSHBUTTON "C" SHALL PLACE A CALL IN PHASES 6 AND 8. PUSHBUTTON "D" SHALL PLACE A CALL IN PHASES 2 AND 8.

NOTE: THE SIGNAL HEADS TO BE INSTALLED AT THIS INTERSECTION SHALL BE YELLOW TO MATCH THE EXISTING PEDESTRIAN SIGNAL HEADS TO REMAIN IN USE.

GROUNDING NOTES:

- THIS IS A SYSTEM GROUND THAT SHALL INTERCONNECT ALL GROUND RODS WITH NO. 6 10 COPPER AWG.
- THE NEUTRAL AND GROUND SHALL BE TIED AT THE SERVICE INSTALLATION BUT SEPARATE AT THE TRAFFIC CABINET.

CABLE PLAN

NOT TO SCALE

COUNTY OF COOK
DEPARTMENT OF HIGHWAYS

TRAFFIC SIGNAL INSTALLATION
QUENTIN ROAD AT ILLINOIS AVENUE
CABLE PLAN

SCOPE OF WORK	COMPUTED WAC/RAS	APPROVED <i>February 28, 2008</i>
PROJECT NAME	DRAWN WAC/AS/RAS	CHECKED PLW/RJW
QUENTIN ROAD-EUCLID AVENUE TO ILLINOIS AVENUE RESURFACING PROJECT.		CHIEF ENGINEER