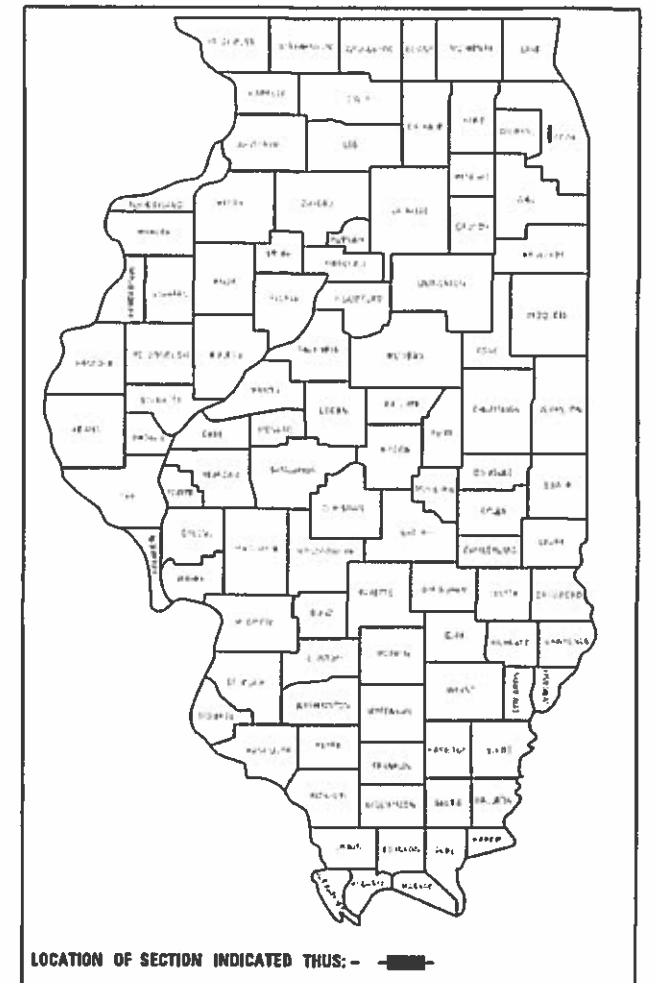


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. SITE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2018-016-RS&SW-1	COOK	142	1
CONTRACT NO. 62G47				

142 + 4 = 146 TOTAL SHEETS

D-91-307-18



FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROJECT LOCATED IN THE CITIES OF
River Grove, Melrose Park, Maywood,
Forest Park, North Riverside, Riverside,
Brookfield & Lyons
COOK COUNTY

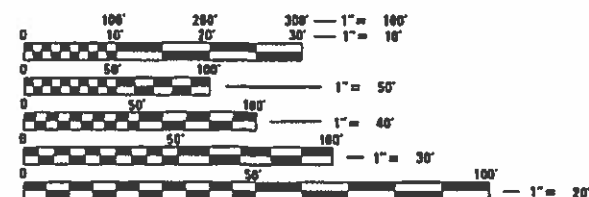
TRAFFIC DATA:

IL 171 (FIRST AVE.),
2017 - ADT = 20,800 - 38,600
SPEED LIMIT = 35 - 40 MPH

F.A.P. 372 /IL 171 (FIRST AVE.)
S/O 43RD ST. TO DES PLAINES RIVER RD.
SECTION: 2018-016-RS&SW-1
PROJECT NHPP-DXPY(816)
RESURFACING (3P) AND PEDESTRIAN RAMPS
COOK COUNTY

C-91-224-18

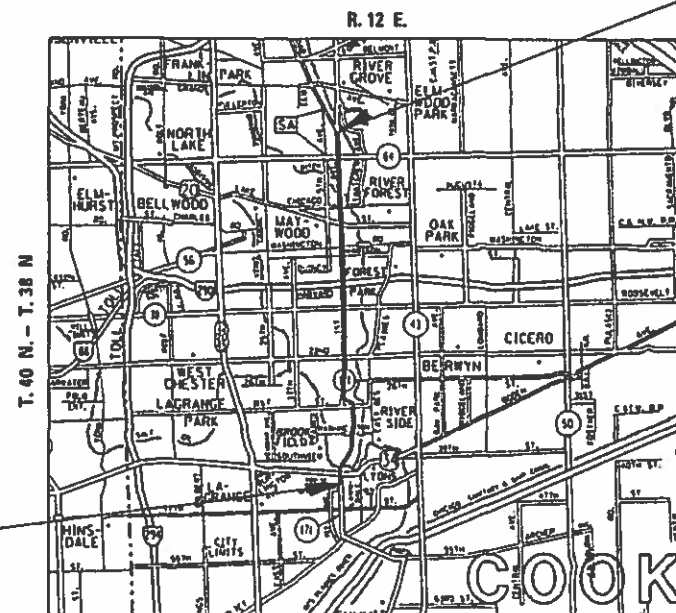
PROJECT ENDS
STA 392 + 42.7



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

PROJECT BEGINS
STA 05 + 45.2



LEYDEN, PROVISIO, RIVERSIDE, AND LYONS TOWNSHIP

OMISSION:

STA 024 + 61.8 TO STA 025 + 67.0
STA 194 + 48.6 TO STA 208 + 82.2
STA 226 + 41.7 TO STA 228 + 97.6
STA 286 + 97.6 TO STA 290 + 39.6
STA 324 + 47.2 TO STA 324 + 79.2
STA 381 + 61.8 TO STA 382 + 33.5

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED November 30, 2018

Anthony J. Quigley / P.E.
Regional Engineer

Feb 9, 2019
E.A. Etkin

ENGINEER OF DESIGN AND ENVIRONMENT

Feb 19, 2019
Paul J. Chif

DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PROJECT ENGINEER: DAN WILGREEN (847) 705-4240
PROJECT MANAGER: FAWAD AQUEEL (847) 705-4247

CONTRACT NO. 62G47

GROSS LENGTH = 38,697.5 FT. = 7.33 MILE
NET LENGTH = 36,457.1 FT. = 6.90 MILE

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

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INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES
3-6	SUMMARY OF QUANTITIES
7-21	EXISTING AND PROPOSED TYPICAL SECTIONS
22-35	ROADWAY AND PAVEMENT MARKING PLAN
36-49	LANDSCAPING PLAN
50-108	SIDEWALK DETAIL PLAN
109-128	DETECTOR LOOP REPLACEMENT PLAN
128A	DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER > = 15' (4.5m) (BD-01)
128B	DRIVEWAY DETAILS DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (BD-02)
129	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING (BD-8)
130	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT (BD-22)
131	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT (BD-24)
132	BUTT JOINT AND HMA TAPER DETAILS (BD-32)
133	HMA TAPER AT EDGE OF P.C.C. PAVEMENT (BD-33)
134	TRAFFIC CONTROL AND PROTECTION FOR SIDE READS, INTERSECTIONS, AND DRIVEWAYS (TC-10)
135	TYPICAL APPLICATIONS - RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT) (TC-11)
136	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)
137	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) (TC-14)
138	SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS (TC-16)
139	ARTERIAL ROAD INFORMATION SIGN (TC-22)
139A-139B	TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKING TREATMENT FOR RAILROAD CROSSINGS (TC-23)
140	DRIVEWAY ENTRANCE SIGNING (TC-26)
141	STANDARD TRAFFIC SIGNAL DESIGN DETAILS (TS-05, SHEET 2 OF 7)
142	DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING (TS-07)

STATE STANDARDS

STANDARD NO.	DESCRIPTION
000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-04	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-04	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424016-05	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-05	DEPRESSED CORNER FOR SIDEWALKS
424026-03	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
442201-03	CLASS C AND D PATCHES
604001-04	FRAME AND LIDS, TYPE 1
604091-03	FRAME AND GRATE, TYPE 24
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	PC CONCRETE ISLANDS AND MEDIANS
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' (4.5m) TO 24'' (600mm) FROM PAVEMENT EDGE
701427-05	LANE CLOSURE MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≤ 40 MPH
701601-09	URBAN LANE CLOSURE, MULTI LANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701602-10	URBAN LANE CLOSURE, MULTI LANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701611-01	URBAN HALF ROAD CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER, OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

GENERAL NOTES

- BEFORE STARTING ANY EXCAVATION THE CONTRACTOR SHALL CALL "JULIE" AT 800-892-0123 OR "CUAN" (CHICAGO UTILITY ALERT NETWORK) AT 312-744-7000 FOR FIELD LOCATIONS OF BURIED ELECTRIC.
- TEN (10) FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER TO EXISTING CURBS AND GUTTERS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITION SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, AND THE VILLAGES OF RIVER GROVE, MELROSE PARK, MAYWOOD, FOREST PARK, NORTH RIVER SIDE, RIVERSIDE, BROOKFIELD, AND LYONS.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION OF THE DEPARTMENT.
- ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS WILL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER. .
- ALL PAVEMENT PATCHING, CURB AND GUTTER REMOVAL AND REPLACEMENT, SIDEWALK REMOVAL, P.C.C. SIDEWALK 5'', AND DRAINAGE ADJUSTMENT LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- FRAMES AND GRATES ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE LIMITS OF THE IMPROVEMENTS SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT.
- THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING OF WORK.
- THE RESIDENT ENGINEER SHALL CONTACT CORY JUCIUS, ARTERIAL TRAFFIC FIELD ENGINEER, AT CORY.JUCIUS@ILLINOIS.GOV A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- 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.
- EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
- DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- DOUBLE LANE MARKERS ARE TO BE USED AS SHOWN ON THE DISTRICT ONE DETAIL "TYPICAL APPLICATIONS - RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" SHOWN IN THE PLANS.
- PAVEMENT MARKING TAPE, TYPE III SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.
- WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1½ INCHES WHERE THE SPEED LIMIT IS 40 MPH OR LESS. WITH WRITTEN APPROVAL OF THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES (75 mm) MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM OF 1:3 (V:H).
- BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT), IN ACCORDANCE WITH THE "BUTT JOINT AND HMA TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- OVERNIGHT LANE CLOSURES SHALL NOT BE ALLOWED FOR REHABILITATION PROJECTS INVOLVING DAYTIME MILLING AND RESURFACING OPERATIONS AND CLASS D PATCHING UNLESS OTHER CONDITIONS WARRANT EXTENDED LANE CLOSURES AS DETERMINED AND APPROVED IN WRITING BY THE ENGINEER OR AS PROVIDED FOR IN THE CONTRACT SPECIFICATIONS.
- PROPOSED SIDEWALK RAMPS SHALL CONFORM TO CURRENT ADA REQUIREMENTS AND APPLICABLE STATE HIGHWAY STANDARDS OR AS DETERMINED BY THE ENGINEER.
- THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION.
- CONTACT THE IDOT ROADSIDE DEVELOPMENT UNIT AT 847-705-4171 AT LEAST TWO WEEKS PRIOR TO BEGINNING WORK FOR LAYOUT OF PROPOSED TREE REMOVAL ITEMS.
- ALL PROPOSED PEDESTRIAN SIDEWALK RAMPS WITHIN THE VILLAGE OF RIVERSIDE ARE REQUIRED TO BE CONSTRUCTED USING AN EXPOSED AGGREGATE CONCRETE SURFACE.

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		DRAWN -	REVISED -					372	2018-016-R5&SW-1	COOK	142	2
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	PLOT DATE = 1/29/2019	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

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CODE NO	ITEM	UNIT	80% FED 20% STATE 0005								CODE NO	ITEM	UNIT	80% FED 20% STATE 0005								
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	10	10							40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT	SO YD	1362	1362							
												JOINT										
20200100	EARTH EXCAVATION	CU YD	204	204																		
											40600985	PORTLAND CEMENT CONCRETE SURFACE	SO YD	3255	3255							
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	2158	2158								REMOVAL - BUTT JOINT										
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	36	36							40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	143443	143443							
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	36	36							42001300	PROTECTIVE COAT	SO YD	4639	4639							
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	36	36							42300400	PORTLAND CEMENT CONCRETE DRIVEWAY	SO YD	190	190							
												PAVEMENT, 8 INCH										
25003115	INTERSEEDING, CLASS 1B	ACRE	335	335																		
											42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5	SO FT	17482	17482							
25003210	INTERSEEDING, CLASS 2A	ACRE	2.73	2.73								INCH										
25003310	INTERSEEDING, CLASS 4	ACRE	0.17	0.17						*	42400800	DETECTABLE WARNINGS	SO FT	1800	1800							
25100127	MULCH, METHOD 3A	ACRE	1.62	1.62							44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2	SO YD	165931	165931							
												1/2"										
25200110	SODDING, SALT TOLERANT	SO YD	2158	2158																		
											44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	192	192							
25200200	SUPPLEMENTAL WATERING	UNIT	66	66																		
31101180	SUBBASE GRANULAR MATERIAL TYPE B 2"	SQ YD	86	86							44000600	SIDEWALK REMOVAL	SO FT	18657	18657							
40600400	MIXTURE FOR CRACKS, JOINTS, AND	TON	353.7	353.7																		
	FLANGEWAYS										44003510	MEDIAN REMOVAL PARTIAL DEPTH	SO FT	6289	6289							
40600827	POLYMERIZED LEVELING BINDER (MACHINE	TON	8930	8930							44004250	PAVED SHOULDER REMOVAL	SO YD	10	10							
	METHOD), IL-4, 75, N50																					
											44201765	CLASS D PATCHES, TYPE II, 10 INCH	SO YD	1048	1048							
	* SPECIALTY ITEMS																					
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44201769	CLASS D PATCHES, TYPE III, 10 INCH	SO YD	524	524							60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	31	31											
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SO YD	524	524							60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	39	39											
44201789	CLASS D PATCHES, TYPE II, 12 INCH	SO YD	1867	1867							60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	31	31											
44201794	CLASS D PATCHES, TYPE III, 12 INCH	SO YD	933	933							60622320	CONCRETE MEDIAN, TYPE SM-4.24	SO FT	148	148											
44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SO YD	933	933						*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	204	204											
44201815	CLASS D PATCHES, TYPE II, 14 INCH	SO YD	622	622						*	66900530	SOIL DISPOSAL ANALYSIS	EACH	5	5											
44201819	CLASS D PATCHES, TYPE III, 14 INCH	SO YD	311	311						*	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION	LSUM	1	1											
											PLAN															
44201821	CLASS D PATCHES, TYPE IV, 14 INCH	SO YD	311	311						*	66901002	ON-SITE MONITORING OF REGULATED	CAL DA	15	15											
											SUBSTANCES															
60250400	CATCH BASINS TO BE ADJUSTED WITH NEW	EACH	6	6						*	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION	LSUM	1	1											
	TYPE 1 FRAME, OPEN LID										REPORT															
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	9	9							67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	18	18											
60255800	MANHOLES TO BE ADJUSTED WITH NEW TYPE 1	EACH	1	1							67100100	MOBILIZATION	L SUM	1	1											
	FRAME, CLOSED LID																									
											70102625	TRAFFIC CONTROL AND PROTECTION,	L SUM	1	1											
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	5	5							STANDARD 701606															
60266600	VALVE BOXES TO BE ADJUSTED	EACH	8	8							70102630	TRAFFIC CONTROL AND PROTECTION,	L SUM	1	1											
											STANDARD 701601															
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	11	11																						
	* SPECIALTY ITEMS																									
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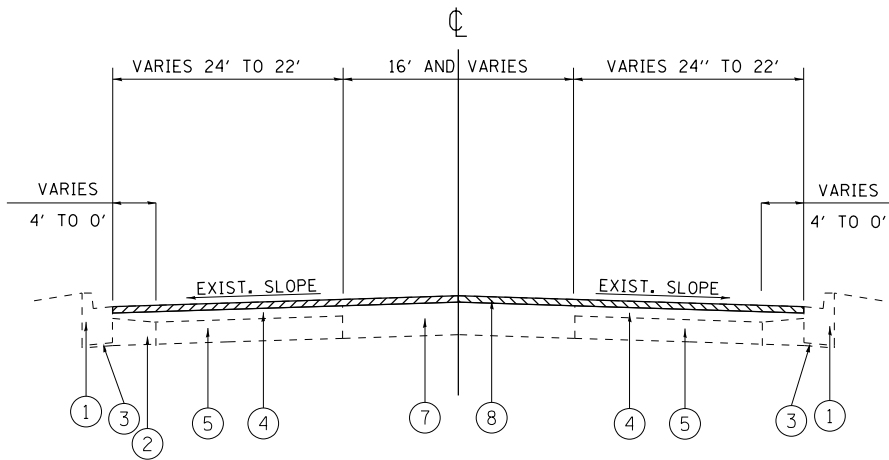
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70102632	TRAFFIC CONTROL AND PROTECTION,	L SUM	1	1						*	72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	1	1						
	STANDARD 701602																				
										*	72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	14	14						
70102634	TRAFFIC CONTROL AND PROTECTION,	L SUM	1	1																	
	STANDARD 701611									*	72400600	RELOCATE SIGN PANEL ASSEMBLY - TYPE B	EACH	1	1						
70102635	TRAFFIC CONTROL AND PROTECTION,	L SUM	1	1						*	72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	14	14						
	STANDARD 701701																				
										*	78000100	THERMOPLASTIC PAVEMENT MARKING -	SQ FT	3993	3993						
70102640	TRAFFIC CONTROL AND PROTECTION,	L SUM	1	1								LETTERS AND SYMBOLS									
	STANDARD 701801																				
										*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	107104	107104						
70300100	SHORT TERM PAVEMENT MARKING	FOOT	178628	178628																	
										*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	16175	16175						
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	100263	100263																	
										*	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	1081	1081						
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND	SQ FT	3993	3993																	
	SYMBOLS									*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	4346	4346						
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	107103	107103						*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	2934	2934						
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	16175	16175						*	78009004	MODIFIED URETHANE PAVEMENT MARKING -	FOOT	965	965						
											LINE 4"										
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	1081	1081																	
										*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	3661	3661						
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	4346	4346																	
											78300200	RAISED REFLECTIVE PAVEMENT MARKER	EACH	3661	3661						
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	2934	2934								REMOVAL									
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	48655	48655						*	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL	EACH	8	8						
	* SPECIALTY ITEMS											INSTALLATION									
FILE NAME =		USER NAME = kataru		DESIGNED =		REVISED =		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES IL. RTE. 171 DES PLAINES RIVER RD. TO S/O 43rd ST.				F.A.P. RTE.		SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
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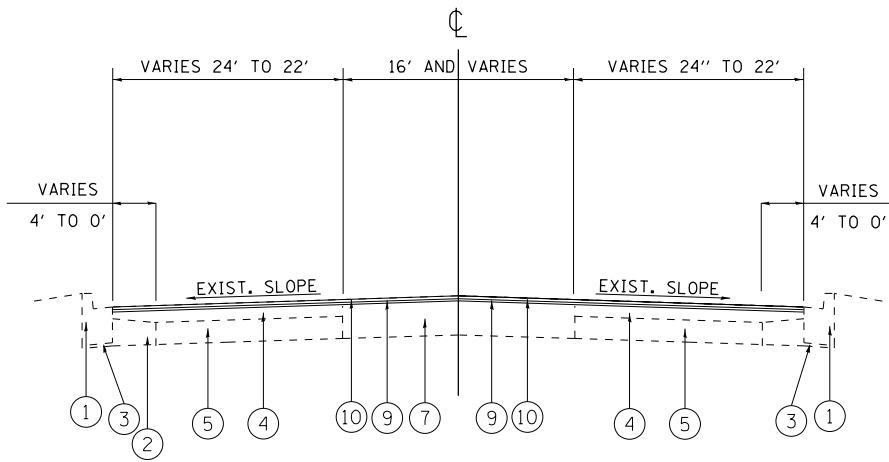
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SUMMARY OF QUANTITIES				TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					SUMMARY OF QUANTITIES				TOTAL QUANTITIES	CONSTRUCTION TYPE CODE											
CODE NO	ITEM	UNIT	80% FED 20% STATE 0005							CODE NO	ITEM	UNIT	80% FED 20% STATE 0005													
* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	10358	10358						* X2700003	GROOVING FOR RECESSED PAVEMENT MARKING	FOOT	204	204												
											8"															
* 89500400	RELOCATE EXISTING PEDESTRIAN	EACH	35	35																						
	PUSH-BUTTON									* X2700004	PREFORMED PLASTIC PAVEMENT MARKING,	FOOT	204	204												
											TYPE B - LINE 7"															
* 89502376	REBUILD EXISTING HANDHOLE	EACH	28	28																						
										X4060004	POLYMERIZED HOT-MIX ASPHALT SURFACE	TON	23514	23514												
K0029614	WEED CONTROL, AQUATIC	GALLON	7.5	7.5							COURSE, STONE MATRIX ASPHALT, 9.5, N80															
										X4240430	PORTLAND CEMENT CONCRETE SIDEWALK 5", SPECIAL	SQ FT	772	772												
K0029618	WEED CONTROL, BROADLEAF IN TURF	GALLON	25	25						X4400100	PORTLAND CEMENT CONCRETE SURFACE	SO YD	15625	15625												
											REMOVAL (VARIABLE DEPTH)															
X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1	1																						
										X6030310	FRAMES AND LIDS TO BE ADJUSTED	EACH	200	200												
X0325222	WEED CONTROL, BASAL TREATMENT	GALLON	25	25							(SPECIAL)															
X0327120	WEED CONTROL, NATIVE LANDSCAPE	ACRE	3.13	3.13						X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SO FT	58715	58715												
	ENHANCEMENT																									
										* X8950205	REBUILD EXISTING HANDHOLE, SPECIAL	EACH	3	3												
X0327611	REMOVE AND REINSTALL BRICK PAVER	SO FT	22	22																						
										Z0004562	COMBINATION CONCRETE CURB AND GUTTER	FOOT	8522	8522												
X0327980	PAVEMENT MARKING REMOVAL - WATER	SO FT	69505	69505							REMOVAL AND REPLACEMENT															
	BLASTING																									
										* Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	50	50												
X1900002	INTERSEEDING, CLASS 4 (MODIFIED)	ACRE	4.58	4.58																						
										Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	51.4	51.4												
X2503110	MOWING (SPECIAL)	ACRE	5.9	5.9						Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1												
										Z0064600	SELECTIVE CLEARING	ACRE	1.62	1.62												
X2503318	INTERSEEDING, CLASS 4B (MODIFIED)	ACRE	1.15	1.15																						
										Z0076600	TRAINEES	HOOR	1000	1000												
X2503323	INTERSEEDING, CLASS 5A (MODIFIED)	ACRE	4.58	4.58																						
	* SPECIALTY ITEMS									Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOOR	1000	1000												
FILE NAME: p:\06484EBID\ITEG\Illinois.gov\PWIDOT\Documents\1007-00000001\11to.		USER NAME: kaferm		DESIGNED: kaferm		REVISED: kaferm		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES IL. RTE. 171 DES PLAINES RIVER RD. TO S/O 43rd ST.				F.A.P. RTE.		SECTION		COUNTRY	TOTAL SHEETS	SHEET NO.					
p:\06484EBID\ITEG\Illinois.gov\PWIDOT\Documents\1007-00000001\11to.		OFFICE: District 1 Projects\030718\CADData\Design\030718\00000001\11to.		DRAWN: kaferm		CHECKED: kaferm									372		2018-016-R5&SW-1		COOK		142		6			
PLOT SCALE: 1000000/11to.		PLOT DATE: 12/12/2018		DATE: 12/12/2018		REVISED: kaferm									SCALE:		SHEET OF SHEETS		STA. TO STA.		FED. ROAD DIST. NO. 1		ILLINOIS		FED. AID PROJECT	



IL 171 (FIRST AVE.)
EXISTING TYPICAL SECTION

STA. 05+45.2 TO STA. 24+81
STA. 25+75 TO STA. 58+00
STA. 71+10 TO STA. 85+16
STA. 95+69 TO STA. 110+27
STA. 113+00 TO STA. 118+51
STA. 128+73 TO STA. 139+05



IL 171 (FIRST AVE.)
PROPOSED TYPICAL SECTION

STA. 05+45.2 TO STA. 24+81
STA. 25+75 TO STA. 58+00
STA. 71+10 TO STA. 85+16
STA. 95+69 TO STA. 110+27
STA. 113+00 TO STA. 118+51
STA. 128+73 TO STA. 139+05

LEGEND:

- 1 EXISTING COMB. CONC. CURB AND GUTTER, TYPE VARIES
- 2 EXISTING HMA BASE COURSE, ± 8"
- 3 EXISTING SUB-BASE GRANULAR MATERIAL
- 4 EXISTING HMA SURFACE COURSE, ± 6"
- 5 EXISTING PCC PAVEMENT, ± 8"
- 6 EXISTING HINGED JOINTED PCC PAVEMENT, 10"
- 7 EXISTING CONCRETE MEDIAN
- 8 PROPOSED HMA SURFACE REMOVAL, 2 1/2 "
- 9 PROPOSED POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"
- 10 PROPOSED POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80, 1 3/4"
- 11 PROPOSED PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VAR. DETPTH)
- 12 PROPOSED MEDIAN REMOVAL PARTIAL DEPTH

NOTES:

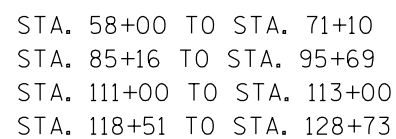
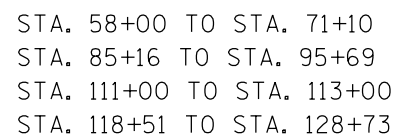
1. THE CONTRACTOR SHALL MILL FIRST BEFORE PATCHING BETWEEN STA. 05+45.2 TO STA. 24+81, STA. 25+75 TO STA. 58+00, STA. 71+10 TO STA. 85+16, STA. 95+69 TO STA 110+27, STA. 113+00 TO STA. 118+51, AND STA. 128+73 TO STA. 139+05

HOT-MIX ASPHALT MIXTURE REQUIREMENTS			
MIXTURE USES	MIXTURE TYPE	AIR VOIDS @ Ndes	QUALITY MANAGEMENT PROGRAM (QMP)
PAVEMENT RESURFACING	POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80, 1 3/4"	3.5% @ 80 GYR.	PFP
	POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50; 3/4"	3.5% @ 50 GYR.	QCP
PATCHING	CLASS D PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYR	QC/QA
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (QCP); PAY FOR PERFORMANCE (PFP)			

- NOTE 1: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
- NOTE 2: THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76 -22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64 -22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.

FOR USE OF RECYCLED MATERIALS SEE DISTRICT ONE SPECIAL PROVISIONS.

QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.



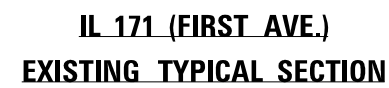
1. THE CONTRACTOR SHALL MILL FIRST BEFORE PATCHING BETWEEN STA. 58+00 TO STA. 71+10, STA. 85+16 TO STA. 95+69, STA. 111+00 TO STA. 113+00, AND STA. 118+51 TO STA. 128+73



1. THE CONTRACTOR SHALL MILL FIRST BEFORE PATCHING BETWEEN STA. 110+27 TO STA. 113+00



FILE NAME: DMS	USER NAME = kalorn	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED TYPICAL SECTIONS IL RTE. 171 DES PLAINES RIVER RD. TO S/O 43rd ST.				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						372	2018-016-R5&SW-1	COOK	142	9
	PLOT SCALE = 100,000.0' / in.	CHECKED -	REVISED -										
	PLOT DATE = 12/11/2018	DATE -	REVISED -										
					SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 62G47		
									ILLINOIS	FED. AID PROJECT			



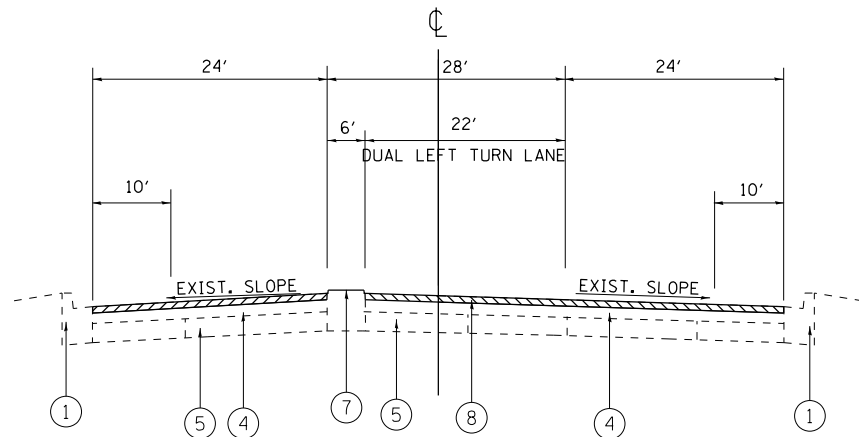
Plan view of the proposed road layout. The road is 28 feet wide, consisting of a 6-foot turn lane and two 11-foot travel lanes. The road is flanked by 10-foot shoulders. The road is labeled "EXIST. SLOPE" on both sides. The road is shown with stationing markers 1, 4, 5, 9, 10, 5, 4, and 1. The road is shown with a centerline and a dashed line indicating the proposed road layout. The road is shown with a centerline and a dashed line indicating the proposed road layout. The road is shown with a centerline and a dashed line indicating the proposed road layout.

IL 171 (FIRST AVE.)
PROPOSED TYPICAL SECTION

- ① EXISTING COMB. CONC. CURB AND GUTTER, TYPE VARIES
- ② EXISTING HMA BASE COURSE, $\pm 8"$
- ③ EXISTING SUB-BASE GRANULAR MATERIAL
- ④ EXISTING HMA SURFACE COURSE, $\pm 6"$
- ⑤ EXISTING PCC PAVEMENT, $\pm 8"$
- ⑥ EXISTING HINGED JOINTED PCC PAVEMENT, 10"
- ⑦ EXISTING CONCRETE MEDIAN
- ⑧ PROPOSED HMA SURFACE REMOVAL, 2 1/2 "
- ⑨ PROPOSED POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"
- ⑩ PROPOSED POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80, 1 3/4"
- ⑪ PROPOSED PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VAR. DETPTH)
- ⑫ PROPOSED MEDIAN REMOVAL PARTIAL DEPTH

1. THE CONTRACTOR SHALL MILL FIRST BEFORE PATCHING BETWEEN STA. 139+05 TO STA. 146+01

FILE NAME: DMS	USER NAME = kalorn	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED TYPICAL SECTIONS IL RTE. 171 DES PLAINES RIVER RD. TO S/O 43rd ST.					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -							372	2018-016-R5&SW-1	COOK	142	10
	PLOT SCALE = 100,000' / in.	CHECKED -	REVISED -											
	PLOT DATE = 12/11/2018	DATE -	REVISED -											
					SCALE:	SHEET	OF	SHEETS	STA.	TO STA.				
					CONTRACT NO. 62G47									
				ILLINOIS FED. AID PROJECT										



IL 171 (FIRST AVE.)
EXISTING TYPICAL SECTION

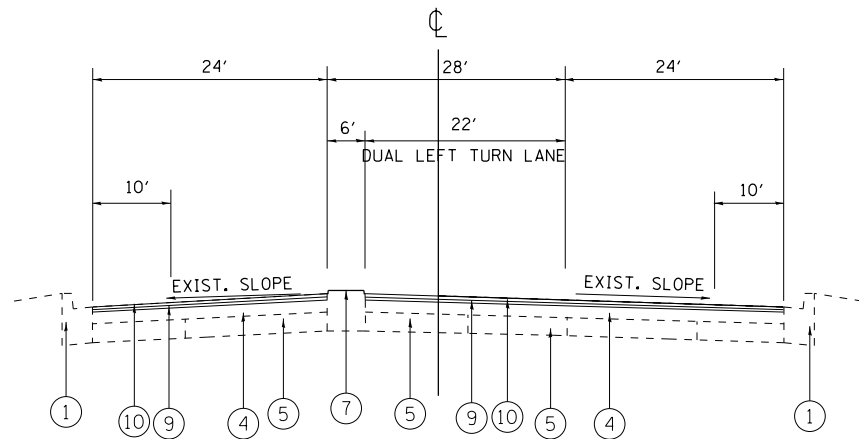
STA. 146+01 TO STA. 149+19

LEGEND:

- 1 EXISTING COMB. CONC. CURB AND GUTTER, TYPE VARIES
- 2 EXISTING HMA BASE COURSE, ± 8"
- 3 EXISTING SUB-BASE GRANULAR MATERIAL
- 4 EXISTING HMA SURFACE COURSE, ± 6"
- 5 EXISTING PCC PAVEMENT, ± 8"
- 6 EXISTING HINGED JOINTED PCC PAVEMENT, 10"
- 7 EXISTING CONCRETE MEDIAN
- 8 PROPOSED HMA SURFACE REMOVAL, 2 1/2 "
- 9 PROPOSED POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"
- 10 PROPOSED POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80, 1 3/4"
- 11 PROPOSED PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VAR. DETPTH)
- 12 PROPOSED MEDIAN REMOVAL PARTIAL DEPTH

NOTES:

- 1. THE CONTRACTOR SHALL MILL FIRST BEFORE PATCHING BETWEEN STA. 146+01 TO STA. 149+19

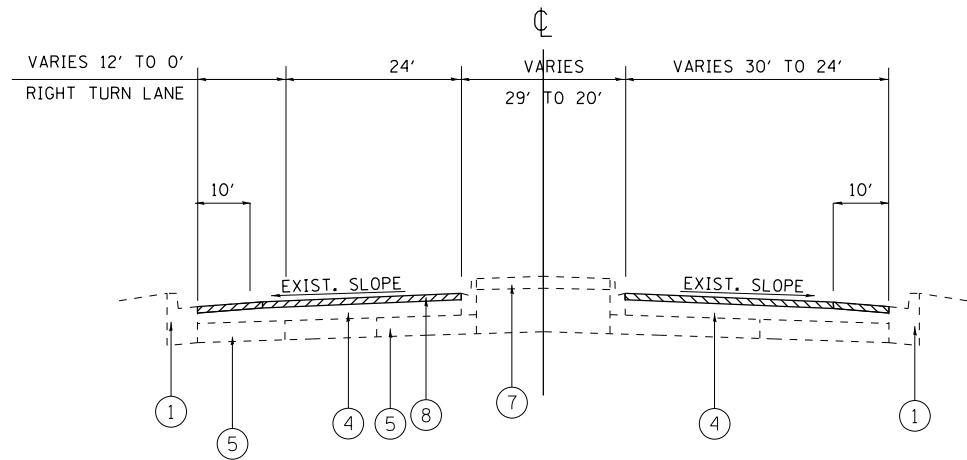


IL 171 (FIRST AVE.)
PROPOSED TYPICAL SECTION

STA. 146+01 TO STA. 149+19

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	USER NAME = kalorm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED TYPICAL SECTIONS IL. RTE. 171 DES PLAINES RIVER RD. TO S/O 43rd ST.		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000 ' / in.	DRAWN -	REVISED -				372	2018-016-R5&SW-1	COOK	142	11
	PLOT DATE = 12/11/2018	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.		CONTRACT NO. 62G47				
		DATE -	REVISED -				ILLINOIS FED. AID PROJECT				



IL 171 (FIRST AVE.)
EXISTING TYPICAL SECTION

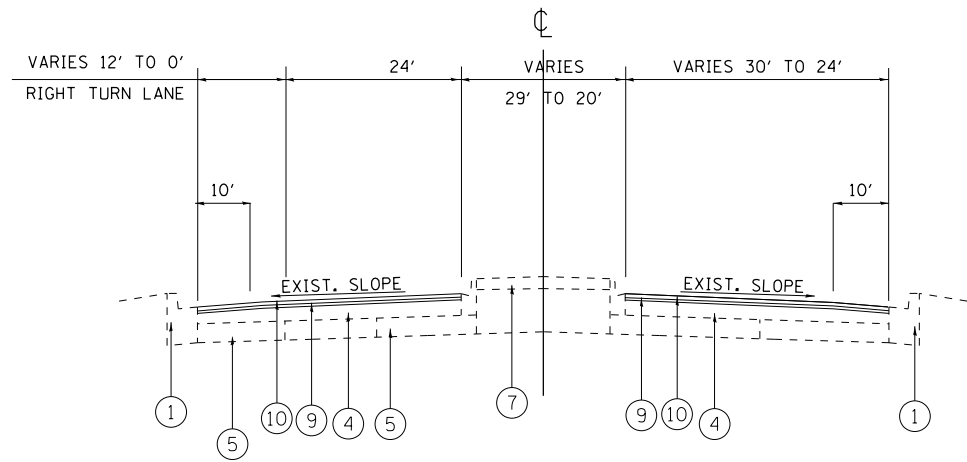
STA. 149+19 TO STA. 158+78

LEGEND:

- 1 EXISTING COMB. CONC. CURB AND GUTTER, TYPE VARIES
- 2 EXISTING HMA BASE COURSE, ± 8"
- 3 EXISTING SUB-BASE GRANULAR MATERIAL
- 4 EXISTING HMA SURFACE COURSE, ± 6"
- 5 EXISTING PCC PAVEMENT, ± 8"
- 6 EXISTING HINGED JOINTED PCC PAVEMENT, 10"
- 7 EXISTING CONCRETE MEDIAN
- 8 PROPOSED HMA SURFACE REMOVAL, 2 1/2 "
- 9 PROPOSED POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"
- 10 PROPOSED POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80, 1 3/4"
- 11 PROPOSED PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VAR. DETPTH)
- 12 PROPOSED MEDIAN REMOVAL PARTIAL DEPTH

NOTES:

- 1. THE CONTRACTOR SHALL MILL FIRST BEFORE PATCHING BETWEEN STA. 149+19 TO STA. 158+78

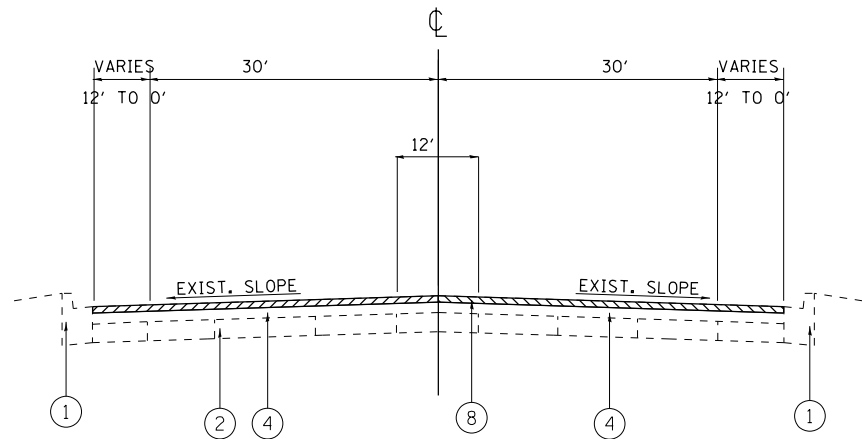


IL 171 (FIRST AVE.)
PROPOSED TYPICAL SECTION

STA. 149+19 TO STA. 158+78

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	USER NAME = kalorm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED TYPICAL SECTIONS IL. RTE. 171 DES PLAINES RIVER RD. TO S/O 43rd ST.		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000 ' / in.	DRAWN -	REVISED -				372	2018-016-R5&SW-1	COOK	142	12
	PLOT DATE = 12/11/2018	CHECKED -	REVISED -		CONTRACT NO. 62G47						
		DATE -	REVISED -		SCALE:	SHEET OF SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT	



**IL 171 (FIRST AVE.)
EXISTING TYPICAL SECTION**

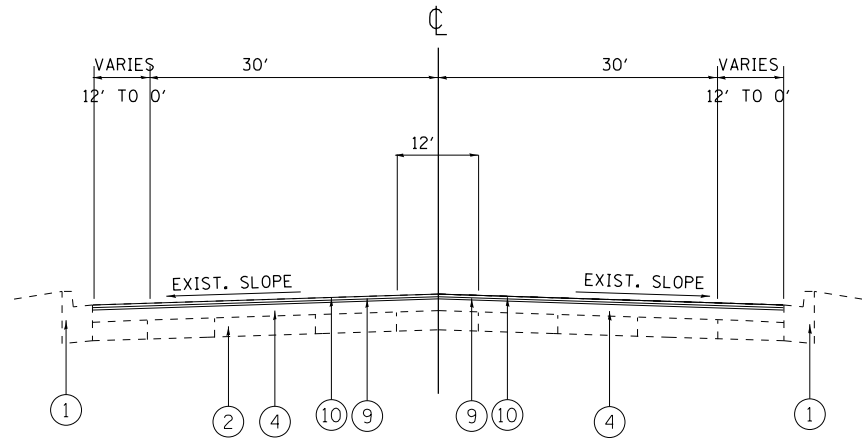
STA. 158+78 TO STA. 194+48.8

LEGEND:

- ① EXISTING COMB. CONC. CURB AND GUTTER, TYPE VARIES
- ② EXISTING HMA BASE COURSE, $\pm 8''$
- ③ EXISTING SUB-BASE GRANULAR MATERIAL
- ④ EXISTING HMA SURFACE COURSE, $\pm 6''$
- ⑤ EXISTING PCC PAVEMENT, $\pm 8''$
- ⑥ EXISTING HINGED JOINTED PCC PAVEMENT, 10"
- ⑦ EXISTING CONCRETE MEDIAN
- ⑧ PROPOSED HMA SURFACE REMOVAL, 2 1/2 "
- ⑨ PROPOSED POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"
- ⑩ PROPOSED POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80, 1 3/4"
- ⑪ PROPOSED PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VAR. DETPTH)
- ⑫ PROPOSED MEDIAN REMOVAL PARTIAL DEPTH

NOTES:

1. THE CONTRACTOR SHALL MILL FIRST BEFORE PATCHING BETWEEN STA. 158+78 TO STA. 194+48.8

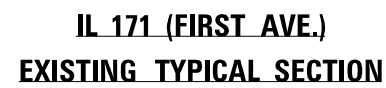


**IL 171 (FIRST AVE.)
PROPOSED TYPICAL SECTION**

STA. 158+78 TO STA. 194+48.8

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	USER NAME = kalorm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED TYPICAL SECTIONS IL. RTE. 171 DES PLAINES RIVER RD. TO S/O 43rd ST.		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -				372	2018-016-R5&SW-1	COOK	142	13
	PLOT DATE = 12/11/2018	DATE -	REVISED -		CONTRACT NO. 62G47						
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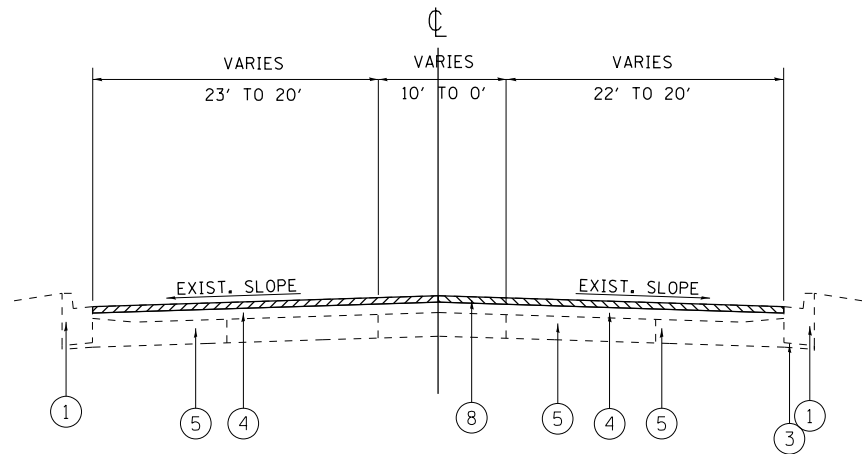


IL 171 (FIRST AVE.)
PROPOSED TYPICAL SECTION

- ① EXISTING COMB. CONC. CURB AND GUTTER, TYPE VARIES
- ② EXISTING HMA BASE COURSE, $\pm 8''$
- ③ EXISTING SUB-BASE GRANULAR MATERIAL
- ④ EXISTING HMA SURFACE COURSE, $\pm 6''$
- ⑤ EXISTING PCC PAVEMENT, $\pm 8''$
- ⑥ EXISTING HINGED JOINTED PCC PAVEMENT, 10"
- ⑦ EXISTING CONCRETE MEDIAN
- ⑧ PROPOSED HMA SURFACE REMOVAL, 2 1/2 "
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- ⑩ PROPOSED POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80, 1 3/4"
- ⑪ PROPOSED PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VAR. DETPTH)
- ⑫ PROPOSED MEDIAN REMOVAL PARTIAL DEPTH

1. THE CONTRACTOR SHALL MILL FIRST BEFORE PATCHING BETWEEN STA. 208+82.2 TO STA. 226+53

FILE NAME: DMS	USER NAME = kalorm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED TYPICAL SECTIONS IL. RTE. 171 DES PLAINES RIVER RD. TO S0 43rd ST.				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						372	2018-016-RS&SW-1	COOK	142	14
	PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -		CONTRACT NO. 62G47								
	PLOT DATE = 12/11/2018	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.			



IL 171 (FIRST AVE.)
EXISTING TYPICAL SECTION

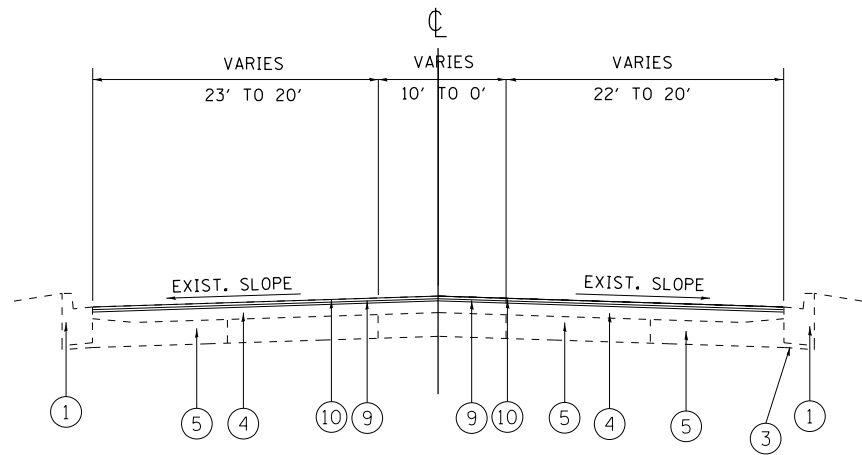
STA. 228+59 TO STA. 286+98

LEGEND:

- 1 EXISTING COMB. CONC. CURB AND GUTTER, TYPE VARIES
- 2 EXISTING HMA BASE COURSE, ± 8"
- 3 EXISTING SUB-BASE GRANULAR MATERIAL
- 4 EXISTING HMA SURFACE COURSE, ± 6"
- 5 EXISTING PCC PAVEMENT, ± 8"
- 6 EXISTING HINGED JOINTED PCC PAVEMENT, 10"
- 7 EXISTING CONCRETE MEDIAN
- 8 PROPOSED HMA SURFACE REMOVAL, 2 1/2 "
- 9 PROPOSED POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"
- 10 PROPOSED POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80, 1 3/4"
- 11 PROPOSED PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VAR. DETPTH)
- 12 PROPOSED MEDIAN REMOVAL PARTIAL DEPTH

NOTES:

- 1. THE CONTRACTOR SHALL MILL FIRST BEFORE PATCHING BETWEEN STA. 228+59 TO STA. 286+98

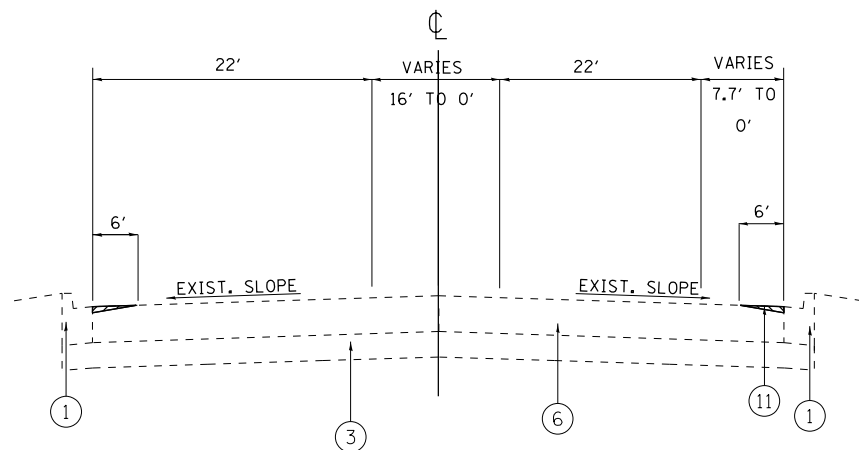


IL 171 (FIRST AVE.)
PROPOSED TYPICAL SECTION

STA. 228+59 TO STA. 286+98

MODEL Default
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	USER NAME = kalorm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED TYPICAL SECTIONS IL. RTE. 171 DES PLAINES RIVER RD. TO S/O 43rd ST.		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000 ' / in.	DRAWN -	REVISED -				372	2018-016-R5&SW-1	COOK	142	15
	PLOT DATE = 12/11/2018	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.		CONTRACT NO. 62G47				
		DATE -	REVISED -				ILLINOIS FED. AID PROJECT				

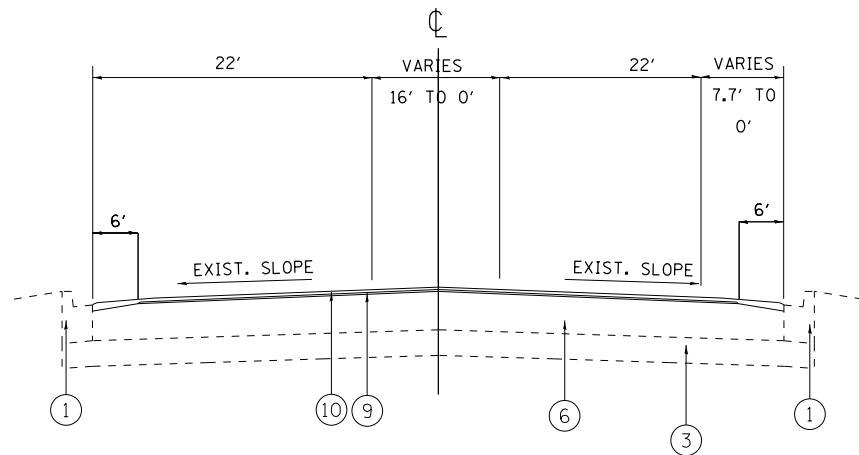


IL 171 (FIRST AVE.)
EXISTING TYPICAL SECTION

STA. 290+39 TO STA. 353+21
STA. 377+85 TO STA. 392+42.7

LEGEND:

- ① EXISTING COMB. CONC. CURB AND GUTTER, TYPE VARIES
- ② EXISTING HMA BASE COURSE, ± 8"
- ③ EXISTING SUB-BASE GRANULAR MATERIAL
- ④ EXISTING HMA SURFACE COURSE, ± 6"
- ⑤ EXISTING PCC PAVEMENT, ± 8"
- ⑥ EXISTING HINGED JOINTED PCC PAVEMENT, 10"
- ⑦ EXISTING CONCRETE MEDIAN
- ⑧ PROPOSED HMA SURFACE REMOVAL, 2 1/2 "
- ⑨ PROPOSED POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"
- ⑩ PROPOSED POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80, 1 3/4"
- ⑪ PROPOSED PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VAR. DETPTH)
- ⑫ PROPOSED MEDIAN REMOVAL PARTIAL DEPTH

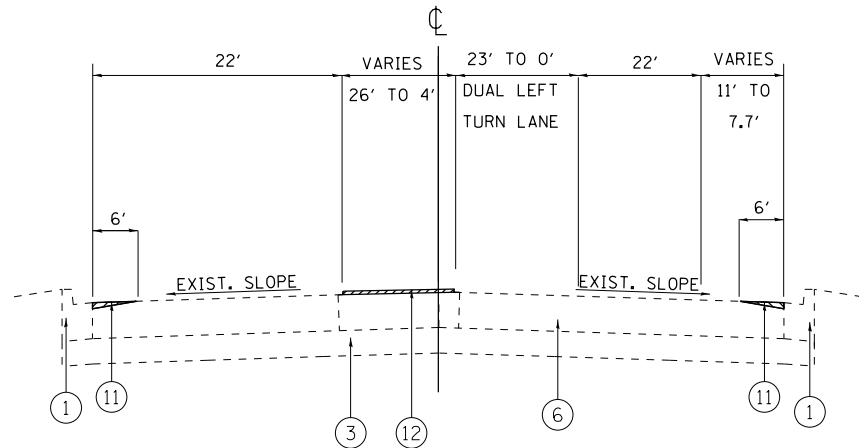


IL 171 (FIRST AVE.)
PROPOSED TYPICAL SECTION

STA. 290+39 TO STA. 353+21
STA. 377+85 TO STA. 392+42.7

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	USER NAME = kalorm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED TYPICAL SECTIONS IL. RTE. 171 DES PLAINES RIVER RD. TO S/O 43rd ST.		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	CHECKED -	REVISED -				372	2018-016-R5&SW-1	COOK	142	16
	PLOT SCALE = 100.0000 ' / in.	DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.		CONTRACT NO. 62G47				
	PLOT DATE = 12/11/2018						ILLINOIS FED. AID PROJECT				



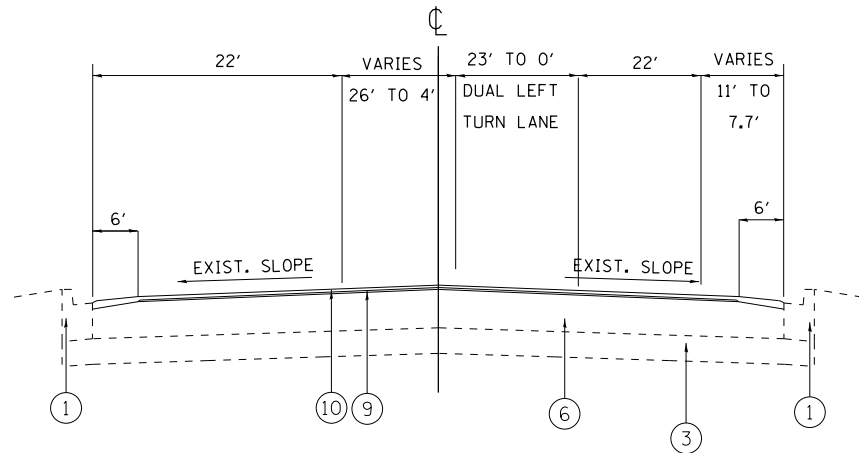
IL 171 (FIRST AVE.)
EXISTING TYPICAL SECTION

STA. 353+21 TO STA. 353+95
STA. 355+47 TO STA. 358+22

LEGEND:

- ① EXISTING COMB. CONC. CURB AND GUTTER, TYPE VARIES
- ② EXISTING HMA BASE COURSE, ± 8"
- ③ EXISTING SUB-BASE GRANULAR MATERIAL
- ④ EXISTING HMA SURFACE COURSE, ± 6"
- ⑤ EXISTING PCC PAVEMENT, ± 8"
- ⑥ EXISTING HINGED JOINTED PCC PAVEMENT, 10"
- ⑦ EXISTING CONCRETE MEDIAN
- ⑧ PROPOSED HMA SURFACE REMOVAL, 2 1/2 "
- ⑨ PROPOSED POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"
- ⑩ PROPOSED POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80, 1 3/4"
- ⑪ PROPOSED PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VAR. DETPTH)
- ⑫ PROPOSED MEDIAN REMOVAL PARTIAL DEPTH

NOTES:

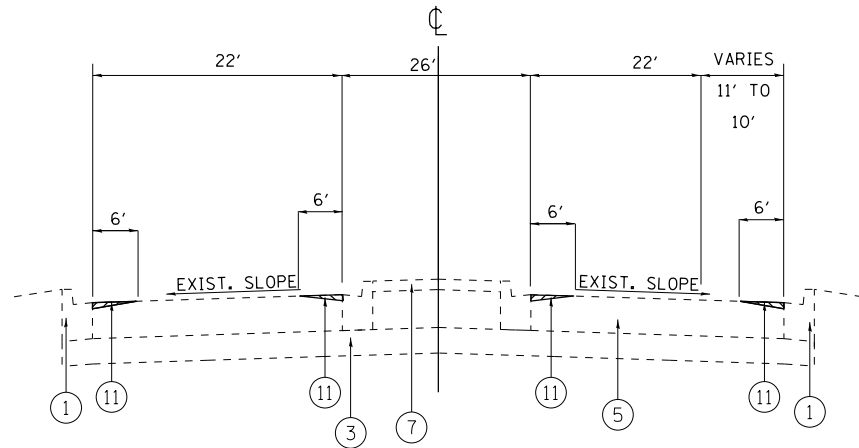


IL 171 (FIRST AVE.)
PROPOSED TYPICAL SECTION

STA. 353+21 TO STA. 353+95
STA. 355+47 TO STA. 358+22

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	USER NAME = kalorm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED TYPICAL SECTIONS IL. RTE. 171 DES PLAINES RIVER RD. TO S/O 43rd ST.		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000 ' / in.	DRAWN -	REVISED -				372	2018-016-R5&SW-1	COOK	142	17
	PLOT DATE = 12/11/2018	CHECKED -	REVISED -		CONTRACT NO. 62G47						
		DATE -	REVISED -		SCALE:	SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT			

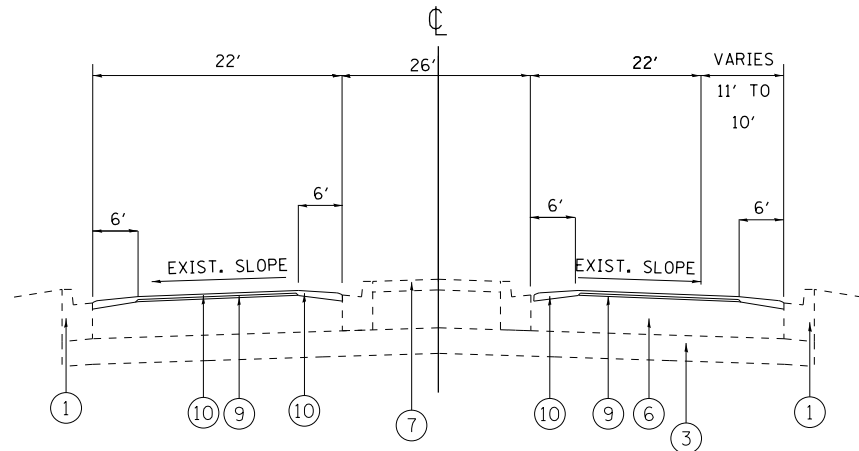


IL 171 (FIRST AVE.)
EXISTING TYPICAL SECTION

STA. 353+95 TO STA. 355+47

LEGEND:

- ① EXISTING COMB. CONC. CURB AND GUTTER, TYPE VARIES
- ② EXISTING HMA BASE COURSE, ± 8"
- ③ EXISTING SUB-BASE GRANULAR MATERIAL
- ④ EXISTING HMA SURFACE COURSE, ± 6"
- ⑤ EXISTING PCC PAVEMENT, ± 8"
- ⑥ EXISTING HINGED JOINTED PCC PAVEMENT, 10"
- ⑦ EXISTING CONCRETE MEDIAN
- ⑧ PROPOSED HMA SURFACE REMOVAL, 2 1/2 "
- ⑨ PROPOSED POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"
- ⑩ PROPOSED POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80, 1 3/4"
- ⑪ PROPOSED PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VAR. DETPTH)
- ⑫ PROPOSED MEDIAN REMOVAL PARTIAL DEPTH

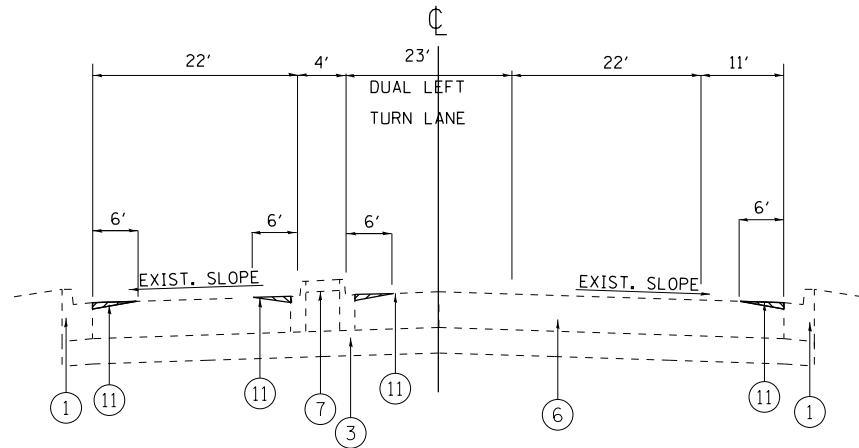


IL 171 (FIRST AVE.)
PROPOSED TYPICAL SECTION

STA. 353+95 TO STA. 355+47

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	USER NAME = kalorm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED TYPICAL SECTIONS IL RTE. 171 DES PLAINES RIVER RD. TO S/O 43rd ST.		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100,0000 ' / in.	DRAWN -	REVISED -				372	2018-016-R5&SW-1	COOK	142	18
	PLOT DATE = 12/11/2018	CHECKED -	REVISED -		CONTRACT NO. 62G47						
		DATE -	REVISED -		SCALE:	SHEET OF SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT	

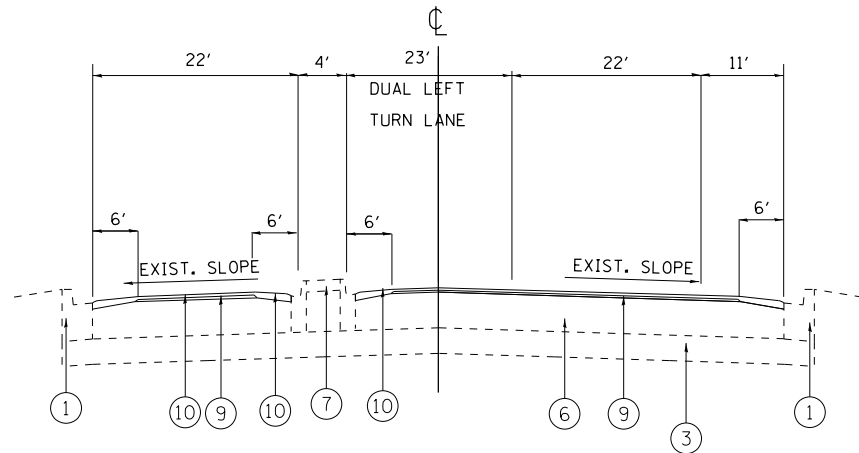


**IL 171 (FIRST AVE.)
EXISTING TYPICAL SECTION**

STA. 358+22 TO STA. 362+79

LEGEND:

- ① EXISTING COMB. CONC. CURB AND GUTTER, TYPE VARIES
- ② EXISTING HMA BASE COURSE, ± 8"
- ③ EXISTING SUB-BASE GRANULAR MATERIAL
- ④ EXISTING HMA SURFACE COURSE, ± 6"
- ⑤ EXISTING PCC PAVEMENT, ± 8"
- ⑥ EXISTING HINGED JOINTED PCC PAVEMENT, 10"
- ⑦ EXISTING CONCRETE MEDIAN
- ⑧ PROPOSED HMA SURFACE REMOVAL, 2 1/2 "
- ⑨ PROPOSED POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"
- ⑩ PROPOSED POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80, 1 3/4"
- ⑪ PROPOSED PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VAR. DETPTH)
- ⑫ PROPOSED MEDIAN REMOVAL PARTIAL DEPTH

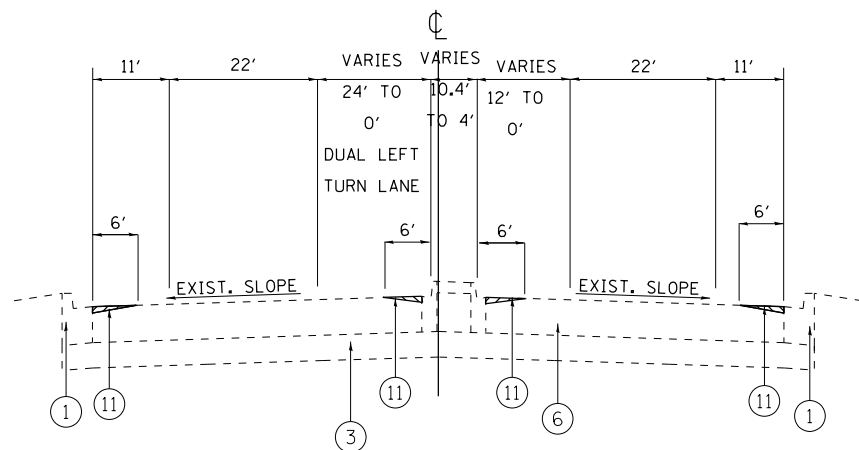


**IL 171 (FIRST AVE.)
PROPOSED TYPICAL SECTION**

STA. 358+22 TO STA. 362+79

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	USER NAME = kalorm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED TYPICAL SECTIONS IL. RTE. 171 DES PLAINES RIVER RD. TO S/O 43rd ST.				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						372	2018-016-R5&SW-1	COOK	142	19
	PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -		CONTRACT NO. 62G47								
	PLOT DATE = 12/11/2018	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.			
											ILLINOIS	FED. AID PROJECT	

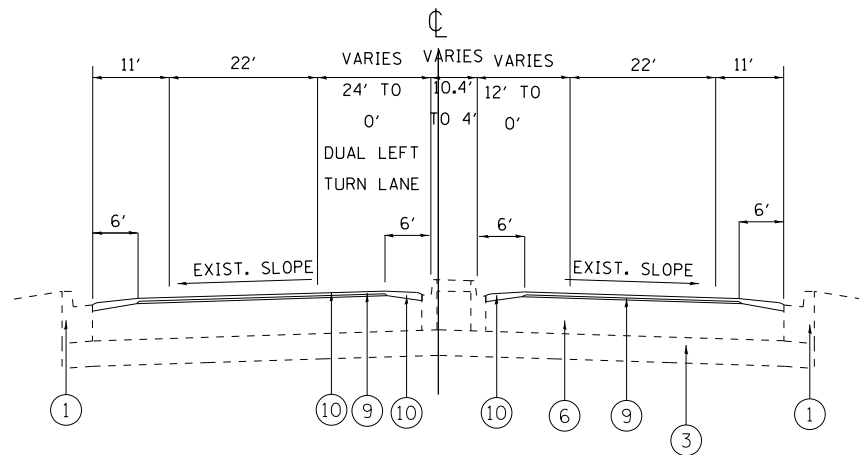


**IL 171 (FIRST AVE.)
EXISTING TYPICAL SECTION**

STA. 362+79 TO STA. 373+45

LEGEND:

- ① EXISTING COMB. CONC. CURB AND GUTTER, TYPE VARIES
- ② EXISTING HMA BASE COURSE, $\pm 8''$
- ③ EXISTING SUB-BASE GRANULAR MATERIAL
- ④ EXISTING HMA SURFACE COURSE, $\pm 6''$
- ⑤ EXISTING PCC PAVEMENT, $\pm 8''$
- ⑥ EXISTING HINGED JOINTED PCC PAVEMENT, 10"
- ⑦ EXISTING CONCRETE MEDIAN
- ⑧ PROPOSED HMA SURFACE REMOVAL, 2 1/2 "
- ⑨ PROPOSED POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"
- ⑩ PROPOSED POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80, 1 3/4"
- ⑪ PROPOSED PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VAR. DETPTH)
- ⑫ PROPOSED MEDIAN REMOVAL PARTIAL DEPTH

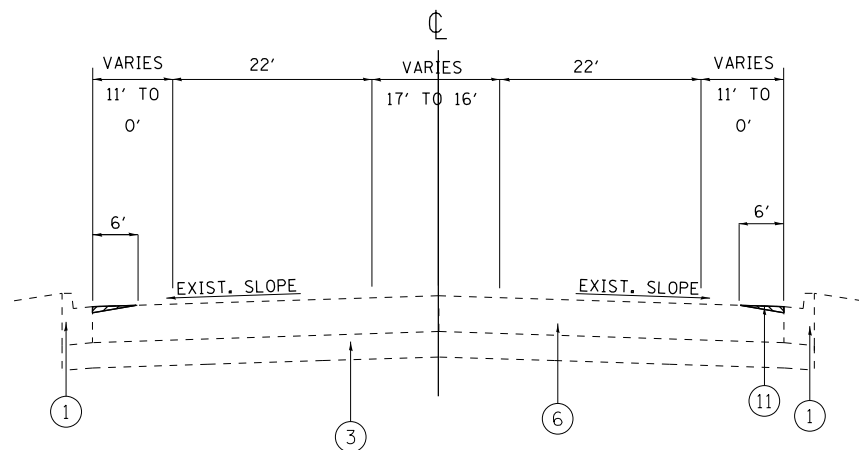


**IL 171 (FIRST AVE.)
PROPOSED TYPICAL SECTION**

STA. 362+79 TO STA. 373+45

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	USER NAME = kalorm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED TYPICAL SECTIONS IL. RTE. 171 DES PLAINES RIVER RD. TO S/O 43rd ST.		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000 ' / in.	DRAWN -	REVISED -				372	2018-016-R5&SW-1	COOK	142	20
	PLOT DATE = 12/11/2018	CHECKED -	REVISED -		CONTRACT NO. 62G47						
		DATE -	REVISED -		SCALE:	SHEET OF SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT	

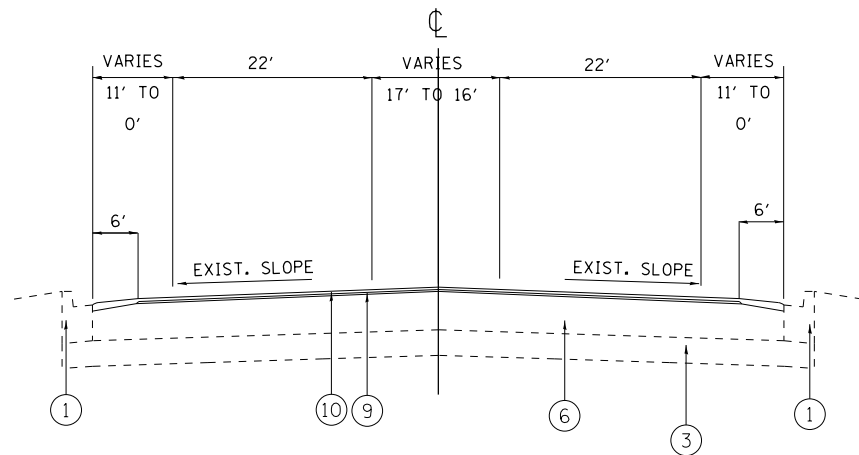


**IL 171 (FIRST AVE.)
EXISTING TYPICAL SECTION**

STA. 373+45 TO STA. 377+85

LEGEND:

- ① EXISTING COMB. CONC. CURB AND GUTTER, TYPE VARIES
- ② EXISTING HMA BASE COURSE, ± 8"
- ③ EXISTING SUB-BASE GRANULAR MATERIAL
- ④ EXISTING HMA SURFACE COURSE, ± 6"
- ⑤ EXISTING PCC PAVEMENT, ± 8"
- ⑥ EXISTING HINGED JOINTED PCC PAVEMENT, 10"
- ⑦ EXISTING CONCRETE MEDIAN
- ⑧ PROPOSED HMA SURFACE REMOVAL, 2 1/2 "
- ⑨ PROPOSED POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"
- ⑩ PROPOSED POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, N80, 1 3/4"
- ⑪ PROPOSED PORTLAND CEMENT CONCRETE SURFACE REMOVAL (VAR. DETPTH)
- ⑫ PROPOSED MEDIAN REMOVAL PARTIAL DEPTH



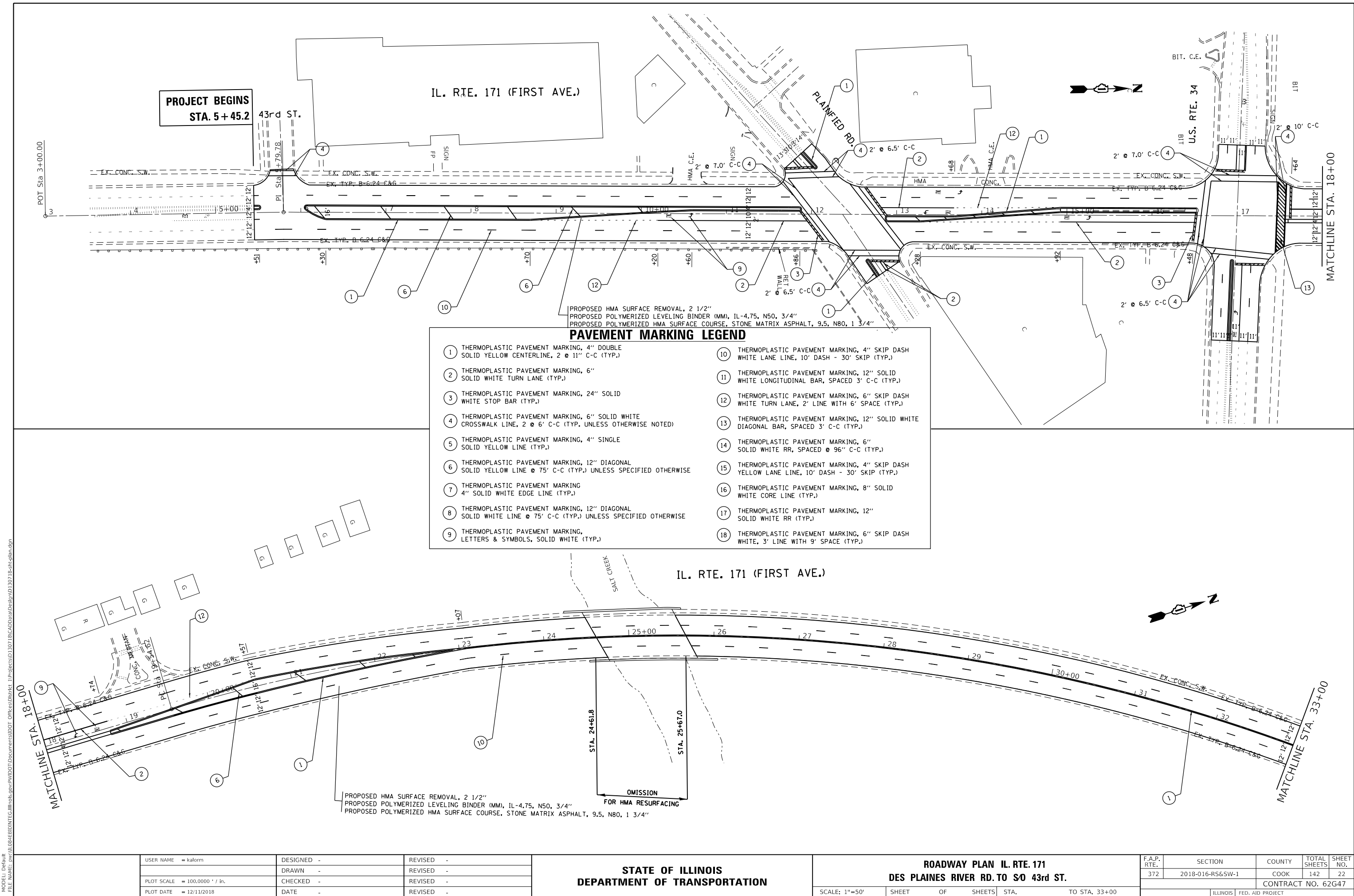
**IL 171 (FIRST AVE.)
PROPOSED TYPICAL SECTION**

STA. 373+45 TO STA. 377+85

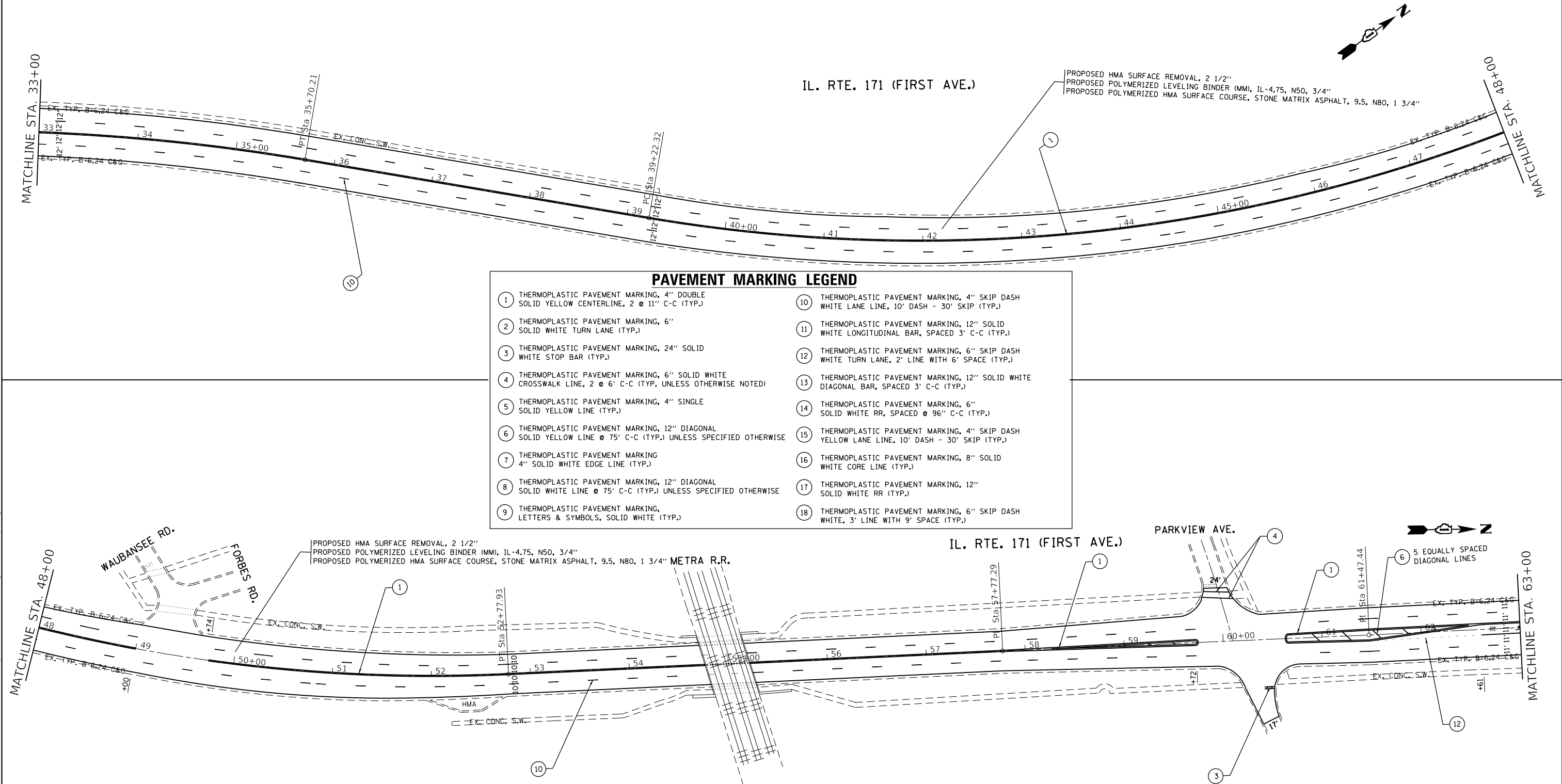
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	USER NAME = kalorm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED TYPICAL SECTIONS IL. RTE. 171 DES PLAINES RIVER RD. TO S/O 43rd ST.				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						372	2018-016-R5&SW-1	COOK	142	21
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -		CONTRACT NO. 62G47								
	PLOT DATE = 12/11/2018	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								
	SCALE:		SHEET OF SHEETS							STA. TO STA.			

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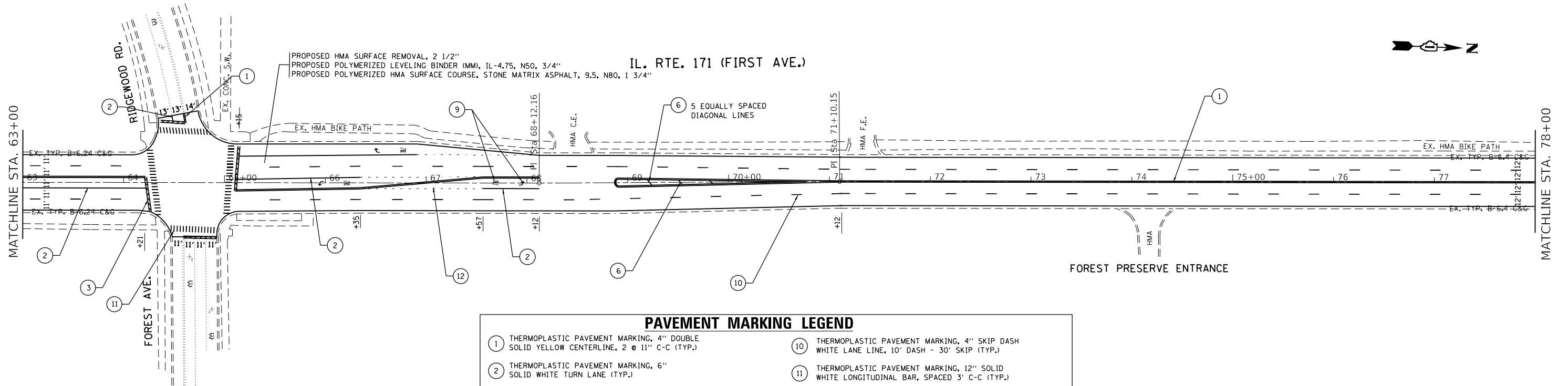


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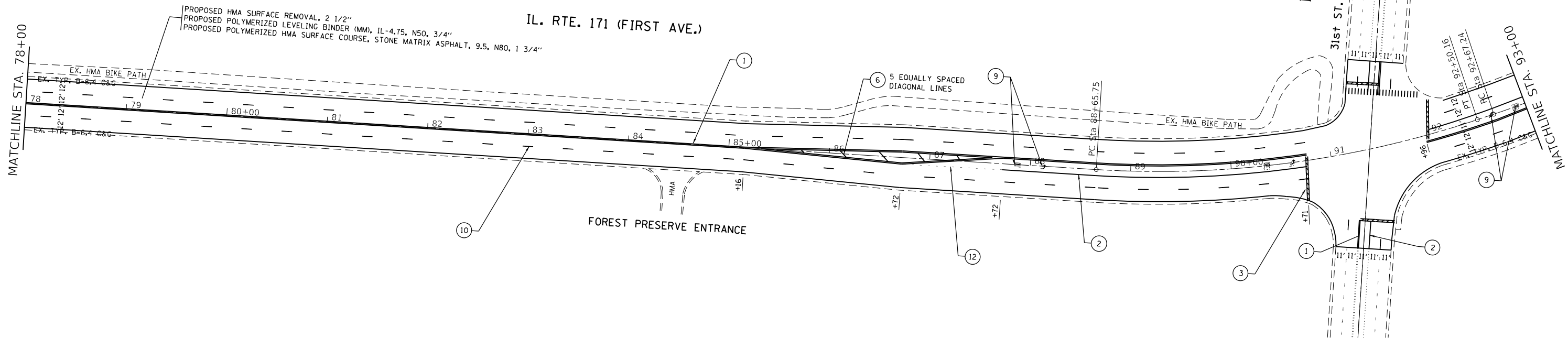
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		DRAWN -	REVISED -						372	2018-016-R5&SW-1	COOK	142	23
	PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -		CONTRACT NO. 62G47								
	PLOT DATE = 12/11/2018	DATE -	REVISED -										
						SCALE: 1"=50'	SHEET OF SHEETS	STA. 33+00	TO STA. 63+00				

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PAVEMENT MARKING LEGEND

- | | |
|--|---|
| 1 THERMOPLASTIC PAVEMENT MARKING, 4" DOUBLE SOLID YELLOW CENTERLINE, 2 @ 11" C-C (TYP.) | 10 THERMOPLASTIC PAVEMENT MARKING, 4" SKIP DASH WHITE LANE LINE, 10' DASH - 30' SKIP (TYP.) |
| 2 THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE TURN LANE (TYP.) | 11 THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE LONGITUDINAL BAR, SPACED 3' C-C (TYP.) |
| 3 THERMOPLASTIC PAVEMENT MARKING, 24" SOLID WHITE STOP BAR (TYP.) | 12 THERMOPLASTIC PAVEMENT MARKING, 6" SKIP DASH WHITE TURN LANE, 2' LINE WITH 6' SPACE (TYP.) |
| 4 THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE CROSSWALK LINE, 2 @ 6' C-C (TYP. UNLESS OTHERWISE NOTED) | 13 THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL BAR, SPACED 3' C-C (TYP.) |
| 5 THERMOPLASTIC PAVEMENT MARKING, 4" SINGLE SOLID YELLOW LINE (TYP.) | 14 THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE RR, SPACED @ 96" C-C (TYP.) |
| 6 THERMOPLASTIC PAVEMENT MARKING, 12" DIAGONAL SOLID YELLOW LINE @ 75' C-C (TYP.) UNLESS SPECIFIED OTHERWISE | 15 THERMOPLASTIC PAVEMENT MARKING, 4" SKIP DASH YELLOW LANE LINE, 10' DASH - 30' SKIP (TYP.) |
| 7 THERMOPLASTIC PAVEMENT MARKING 4" SOLID WHITE EDGE LINE (TYP.) | 16 THERMOPLASTIC PAVEMENT MARKING, 8" SOLID WHITE CORE LINE (TYP.) |
| 8 THERMOPLASTIC PAVEMENT MARKING, 12" DIAGONAL SOLID WHITE LINE @ 75' C-C (TYP.) UNLESS SPECIFIED OTHERWISE | 17 THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE RR (TYP.) |
| 9 THERMOPLASTIC PAVEMENT MARKING, LETTERS & SYMBOLS, SOLID WHITE (TYP.) | 18 THERMOPLASTIC PAVEMENT MARKING, 6" SKIP DASH WHITE, 3' LINE WITH 9' SPACE (TYP.) |



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

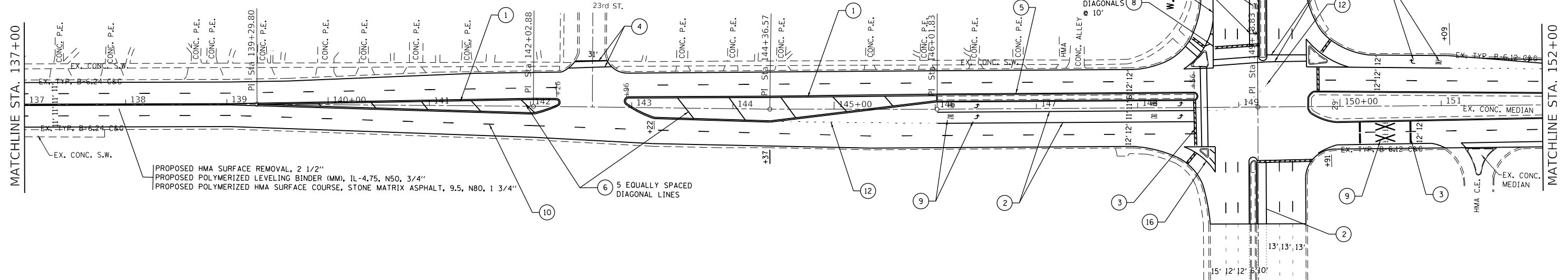
ROADWAY PLAN IL. RTE. 171
DES PLAINES RIVER RD. TO S0 43rd ST.

SCALE: 1"=50' SHEET OF SHEETS STA. 63+00 TO STA. 93+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2018-016-R5&SW-1	COOK	142	24
CONTRACT NO. 62G47				
ILLINOIS FED. AID PROJECT				



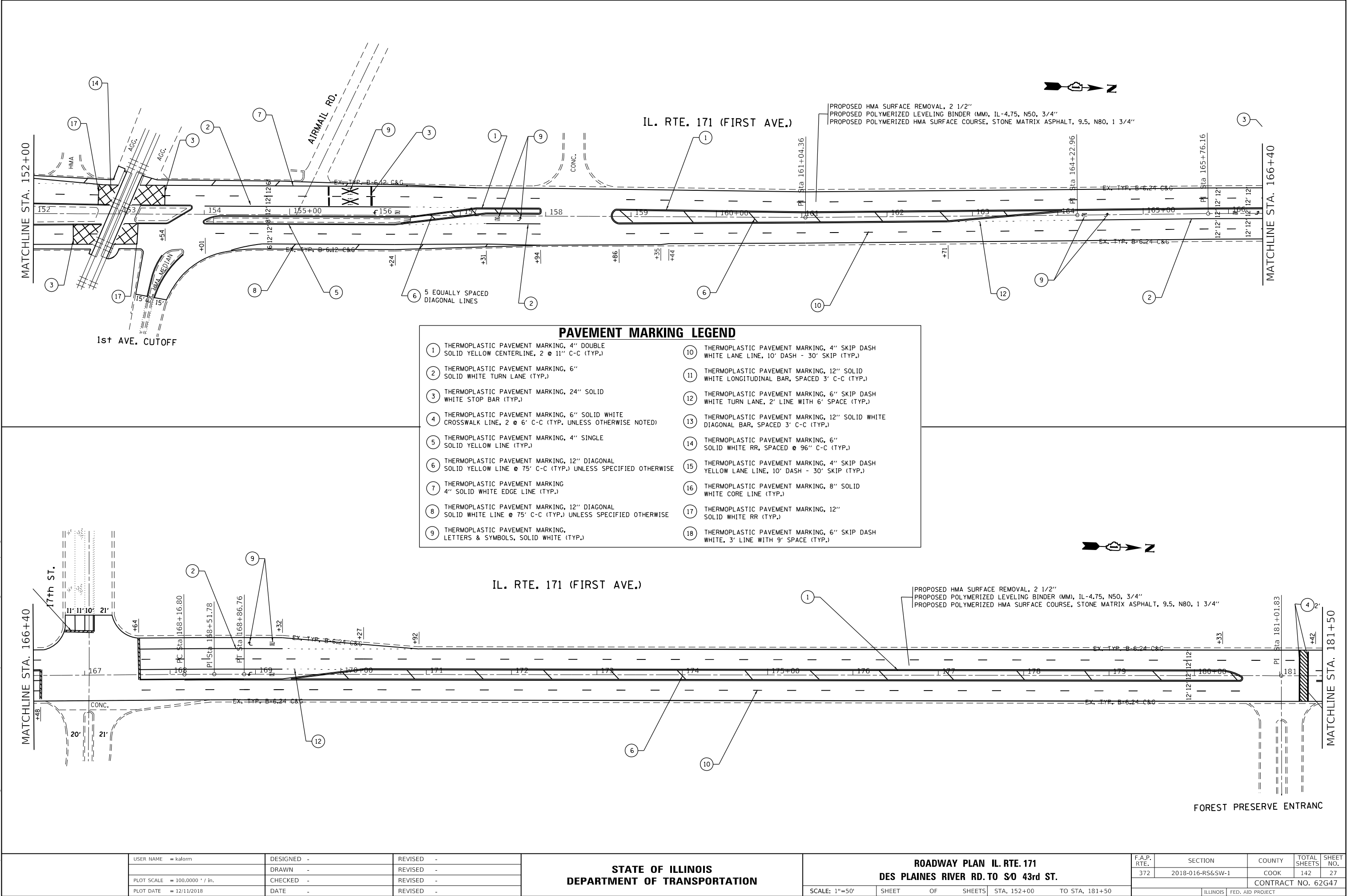
- IL. RTE. 171 (FIRST AVE.)

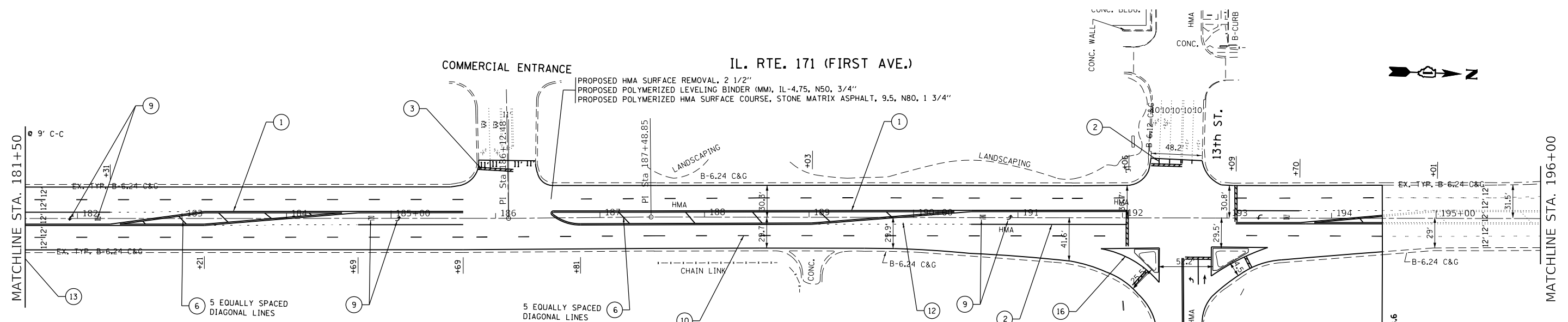


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2018-016-RS&SW-1	COOK	142	26
		CONTRACT NO. 62G47		
		ILLINOIS	FED. AID PROJECT	

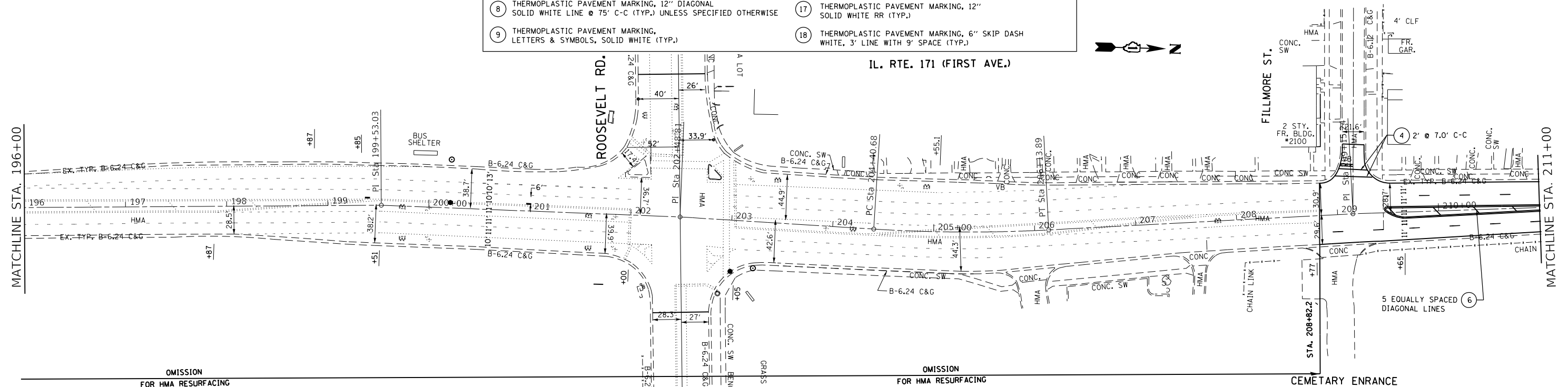
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PAVEMENT MARKING LEGEND

- | | | | |
|---|--|----|--|
| 1 | THERMOPLASTIC PAVEMENT MARKING, 4" DOUBLE SOLID YELLOW CENTERLINE, 2 @ 11' C-C (TYP.) | 10 | THERMOPLASTIC PAVEMENT MARKING, 4" SKIP DASH WHITE LANE LINE, 10' DASH - 30' SKIP (TYP.) |
| 2 | THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE TURN LANE (TYP.) | 11 | THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE LONGITUDINAL BAR, SPACED 3' C-C (TYP.) |
| 3 | THERMOPLASTIC PAVEMENT MARKING, 24" SOLID WHITE STOP BAR (TYP.) | 12 | THERMOPLASTIC PAVEMENT MARKING, 6" SKIP DASH WHITE TURN LANE, 2' LINE WITH 6' SPACE (TYP.) |
| 4 | THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE CROSSWALK LINE, 2 @ 6' C-C (TYP. UNLESS OTHERWISE NOTED) | 13 | THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL BAR, SPACED 3' C-C (TYP.) |
| 5 | THERMOPLASTIC PAVEMENT MARKING, 4" SINGLE SOLID YELLOW LINE (TYP.) | 14 | THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE RR, SPACED @ 96" C-C (TYP.) |
| 6 | THERMOPLASTIC PAVEMENT MARKING, 12" DIAGONAL SOLID YELLOW LINE @ 75' C-C (TYP.) UNLESS SPECIFIED OTHERWISE | 15 | THERMOPLASTIC PAVEMENT MARKING, 4" SKIP DASH YELLOW LANE LINE, 10' DASH - 30' SKIP (TYP.) |
| 7 | THERMOPLASTIC PAVEMENT MARKING 4" SOLID WHITE EDGE LINE (TYP.) | 16 | THERMOPLASTIC PAVEMENT MARKING, 8" SOLID WHITE CORE LINE (TYP.) |
| 8 | THERMOPLASTIC PAVEMENT MARKING, 12" DIAGONAL SOLID WHITE LINE @ 75' C-C (TYP.) UNLESS SPECIFIED OTHERWISE | 17 | THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE RR (TYP.) |
| 9 | THERMOPLASTIC PAVEMENT MARKING, LETTERS & SYMBOLS, SOLID WHITE (TYP.) | 18 | THERMOPLASTIC PAVEMENT MARKING, 6" SKIP DASH WHITE, 3' LINE WITH 9' SPACE (TYP.) |



USER NAME = kaform	DESIGNED -	REVISED -
	DRAWN -	REVISED -
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PLOT DATE = 12/11/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

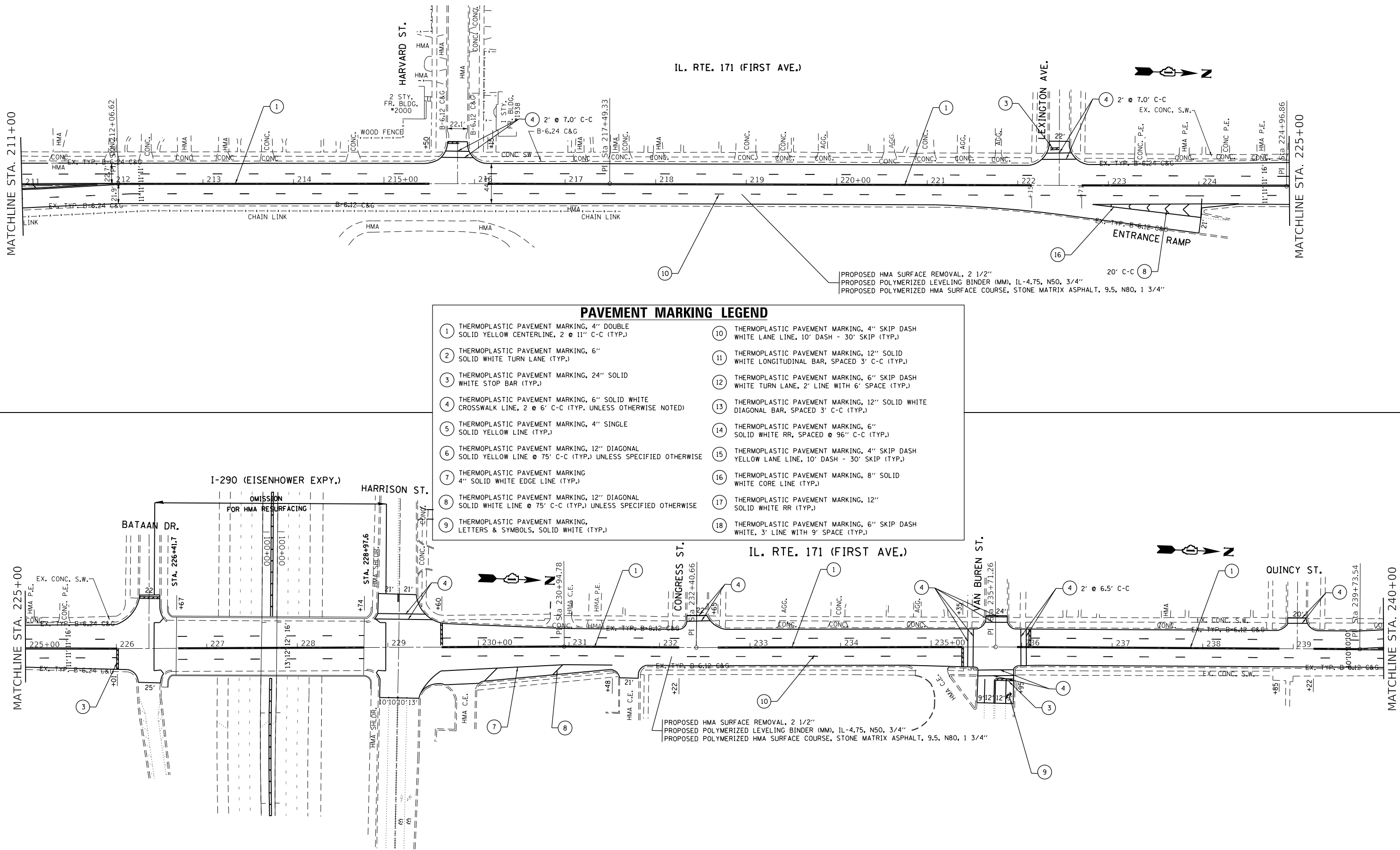
ROADWAY PLAN IL. RTE. 171
DES PLAINES RIVER RD. TO S/O 43rd ST.

SCALE: 1"=50'	SHEET	OF	SHEETS	STA. 181+50	TO STA. 211+00
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2018-016-RS&SW-1	COOK	142	28
		CONTRACT NO. 62G47		
ILLINOIS		FED. AID PROJECT		

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USER NAME = kalorm	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/11/2018	DATE -	REVISED -

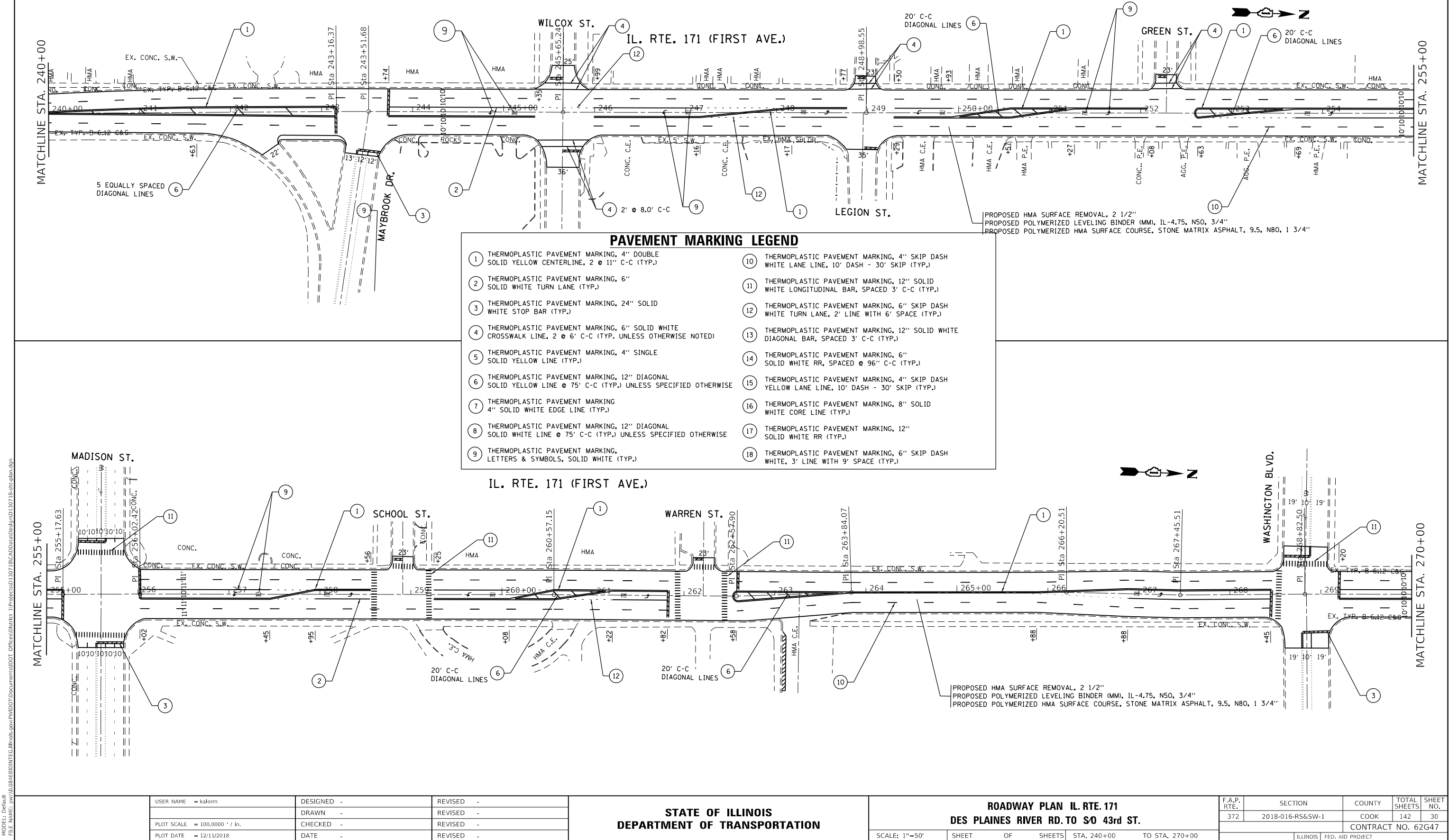
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN IL. RTE. 171
DES PLAINES RIVER RD. TO S0 43rd ST.

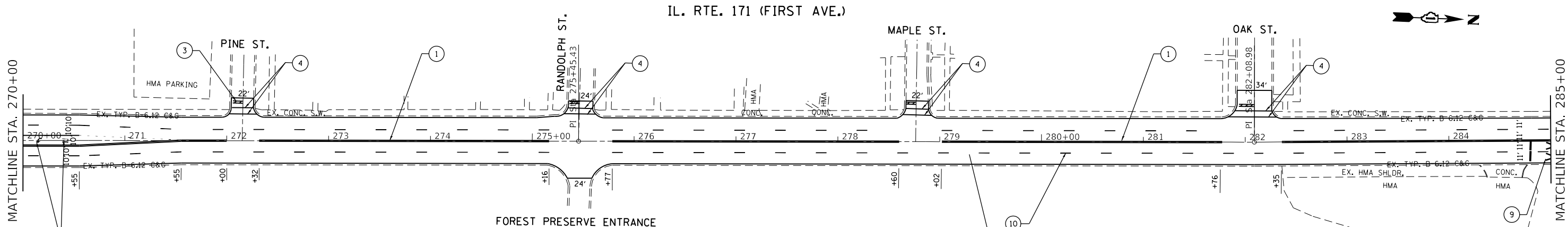
SCALE: 1"=50' SHEET OF SHEETS STA. 211+00 TO STA. 240+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 62G47				
ILLINOIS FED. AID PROJECT				

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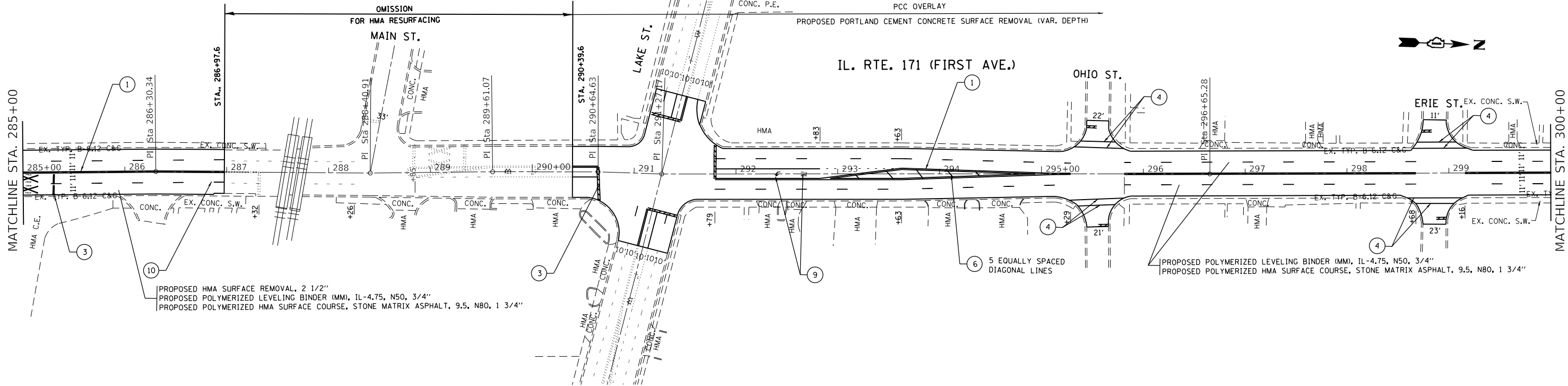
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FOREST PRESERVE ENTRANCE

PAVEMENT MARKING LEGEND

- | | |
|--|---|
| 1 THERMOPLASTIC PAVEMENT MARKING, 4" DOUBLE SOLID YELLOW CENTERLINE, 2 @ 11" C-C (TYP.) | 10 THERMOPLASTIC PAVEMENT MARKING, 4" SKIP DASH WHITE LANE LINE, 10' DASH - 30' SKIP (TYP.) |
| 2 THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE TURN LANE (TYP.) | 11 THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE LONGITUDINAL BAR, SPACED 3' C-C (TYP.) |
| 3 THERMOPLASTIC PAVEMENT MARKING, 24" SOLID WHITE STOP BAR (TYP.) | 12 THERMOPLASTIC PAVEMENT MARKING, 6" SKIP DASH WHITE TURN LANE, 2' LINE WITH 6' SPACE (TYP.) |
| 4 THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE CROSSWALK LINE, 2 @ 6' C-C (TYP. UNLESS OTHERWISE NOTED) | 13 THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL BAR, SPACED 3' C-C (TYP.) |
| 5 THERMOPLASTIC PAVEMENT MARKING, 4" SINGLE SOLID YELLOW LINE (TYP.) | 14 THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE RR, SPACED @ 96" C-C (TYP.) |
| 6 THERMOPLASTIC PAVEMENT MARKING, 12" DIAGONAL SOLID YELLOW LINE @ 75' C-C (TYP.) UNLESS SPECIFIED OTHERWISE | 15 THERMOPLASTIC PAVEMENT MARKING, 4" SKIP DASH YELLOW LANE LINE, 10' DASH - 30' SKIP (TYP.) |
| 7 THERMOPLASTIC PAVEMENT MARKING, 4" SOLID WHITE EDGE LINE (TYP.) | 16 THERMOPLASTIC PAVEMENT MARKING, 8" SOLID WHITE CORE LINE (TYP.) |
| 8 THERMOPLASTIC PAVEMENT MARKING, 12" DIAGONAL SOLID WHITE LINE @ 75' C-C (TYP.) UNLESS SPECIFIED OTHERWISE | 17 THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE RR (TYP.) |
| 9 THERMOPLASTIC PAVEMENT MARKING, LETTERS & SYMBOLS, SOLID WHITE (TYP.) | 18 THERMOPLASTIC PAVEMENT MARKING, 6" SKIP DASH WHITE, 3' LINE WITH 9' SPACE (TYP.) |



USER NAME = kalorm	DESIGNED -	REVISED -
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PLOT DATE = 12/11/2018	CHECKED -	REVISED -
	DATE -	REVISED -

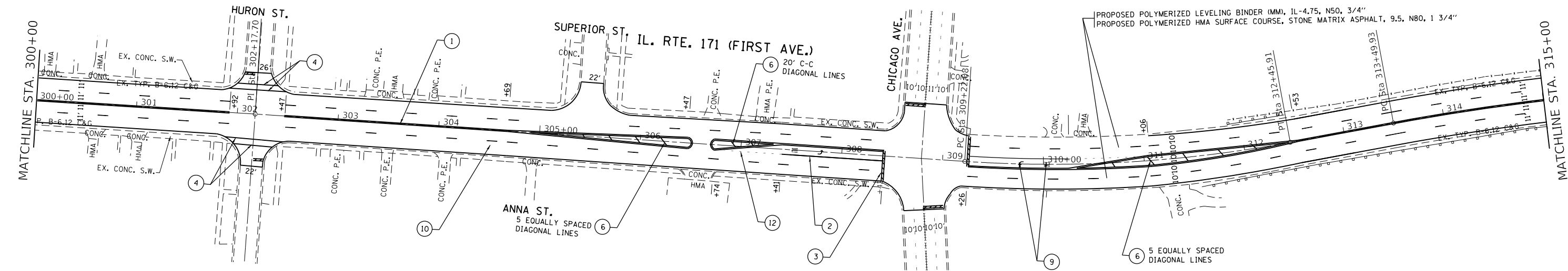
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN IL. RTE. 171
DES PLAINES RIVER RD. TO S/O 43rd ST.

SCALE: 1"=50' SHEET OF SHEETS STA. 270+00 TO STA. 300+00

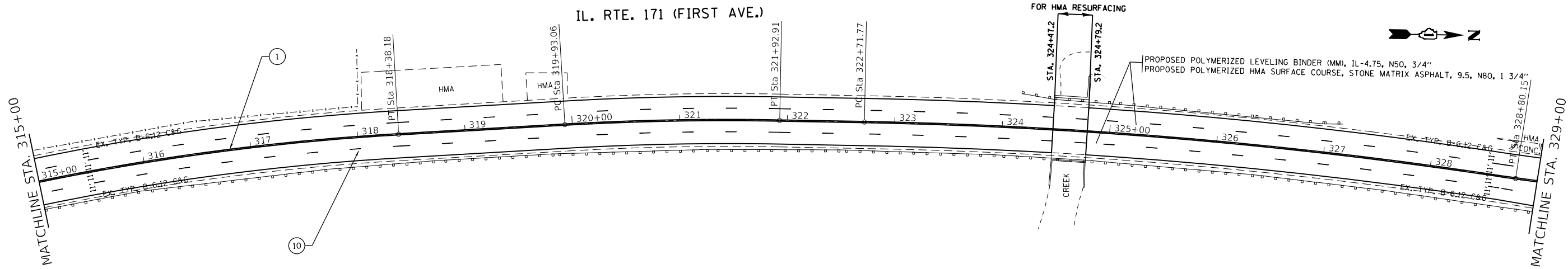
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2018-016-R5&SW-1	COOK	142	31
CONTRACT NO. 62G47				
ILLINOIS FED. AID PROJECT				

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PAVEMENT MARKING LEGEND

- | | |
|--|--|
| ① THERMOPLASTIC PAVEMENT MARKING, 4" DOUBLE SOLID YELLOW CENTERLINE, 2 @ 11" C-C (TYP.) | ⑩ THERMOPLASTIC PAVEMENT MARKING, 4" SKIP DASH WHITE LANE LINE, 10' DASH - 30' SKIP (TYP.) |
| ② THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE TURN LANE (TYP.) | ⑪ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE LONGITUDINAL BAR, SPACED 3' C-C (TYP.) |
| ③ THERMOPLASTIC PAVEMENT MARKING, 24" SOLID WHITE STOP BAR (TYP.) | ⑫ THERMOPLASTIC PAVEMENT MARKING, 6" SKIP DASH WHITE TURN LANE, 2' LINE WITH 6' SPACE (TYP.) |
| ④ THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE CROSSWALK LINE, 2 @ 6' C-C (TYP. UNLESS OTHERWISE NOTED) | ⑬ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL BAR, SPACED 3' C-C (TYP.) |
| ⑤ THERMOPLASTIC PAVEMENT MARKING, 4" SINGLE SOLID YELLOW LINE (TYP.) | ⑭ THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE RR, SPACED @ 96" C-C (TYP.) |
| ⑥ THERMOPLASTIC PAVEMENT MARKING, 12" DIAGONAL SOLID YELLOW LINE @ 75' C-C (TYP.) UNLESS SPECIFIED OTHERWISE | ⑮ THERMOPLASTIC PAVEMENT MARKING, 4" SKIP DASH YELLOW LANE LINE, 10' DASH - 30' SKIP (TYP.) |
| ⑦ THERMOPLASTIC PAVEMENT MARKING, 4" SOLID WHITE EDGE LINE (TYP.) | ⑯ THERMOPLASTIC PAVEMENT MARKING, 8" SOLID WHITE CORE LINE (TYP.) |
| ⑧ THERMOPLASTIC PAVEMENT MARKING, 12" DIAGONAL SOLID WHITE LINE @ 75' C-C (TYP.) UNLESS SPECIFIED OTHERWISE | ⑰ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE RR (TYP.) |
| ⑨ THERMOPLASTIC PAVEMENT MARKING, LETTERS & SYMBOLS, SOLID WHITE (TYP.) | ⑱ THERMOPLASTIC PAVEMENT MARKING, 6" SKIP DASH WHITE, 3' LINE WITH 9' SPACE (TYP.) |



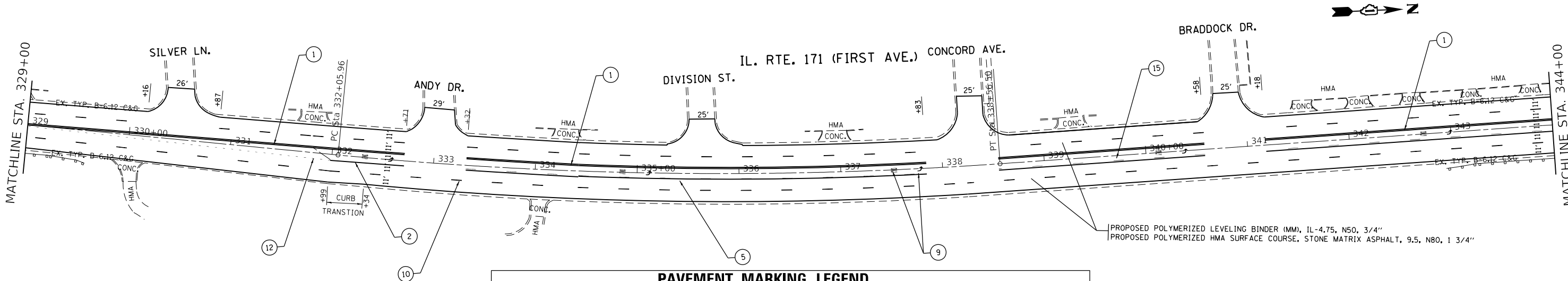
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PLOT DATE	= 12/11/2018	DATE	-	REVISION	-

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN IL. RTE. 171
DES PLAINES RIVER RD. TO S0 43rd ST.**

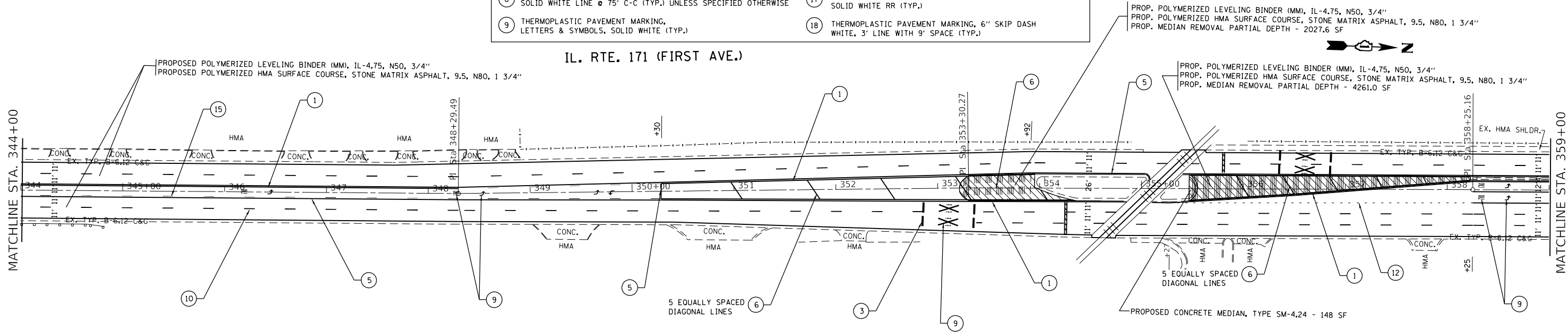
SCALE: 1"=50' SHEET OF SHEETS STA. 300+00 TO STA. 329+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2018-016-R5&SW-1	COOK	142	32
CONTRACT NO. 62G47				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

- | | |
|--|--|
| ① THERMOPLASTIC PAVEMENT MARKING, 4" DOUBLE SOLID YELLOW CENTERLINE, 2 @ 11" C-C (TYP.) | ⑩ THERMOPLASTIC PAVEMENT MARKING, 4" SKIP DASH WHITE LANE LINE, 10' DASH - 30' SKIP (TYP.) |
| ② THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE TURN LANE (TYP.) | ⑪ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE LONGITUDINAL BAR, SPACED 3' C-C (TYP.) |
| ③ THERMOPLASTIC PAVEMENT MARKING, 24" SOLID WHITE STOP BAR (TYP.) | ⑫ THERMOPLASTIC PAVEMENT MARKING, 6" SKIP DASH WHITE TURN LANE, 2' LINE WITH 6' SPACE (TYP.) |
| ④ THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE CROSSWALK LINE, 2 @ 6' C-C (TYP. UNLESS OTHERWISE NOTED) | ⑬ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL BAR, SPACED 3' C-C (TYP.) |
| ⑤ THERMOPLASTIC PAVEMENT MARKING, 4" SINGLE SOLID YELLOW LINE (TYP.) | ⑭ THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE RR, SPACED @ 96" C-C (TYP.) |
| ⑥ THERMOPLASTIC PAVEMENT MARKING, 12" DIAGONAL SOLID YELLOW LINE @ 75' C-C (TYP.) UNLESS SPECIFIED OTHERWISE | ⑮ THERMOPLASTIC PAVEMENT MARKING, 4" SKIP DASH YELLOW LANE LINE, 10' DASH - 30' SKIP (TYP.) |
| ⑦ THERMOPLASTIC PAVEMENT MARKING, 4" SOLID WHITE EDGE LINE (TYP.) | ⑯ THERMOPLASTIC PAVEMENT MARKING, 8" SOLID WHITE CORE LINE (TYP.) |
| ⑧ THERMOPLASTIC PAVEMENT MARKING, 12" DIAGONAL SOLID WHITE LINE @ 75' C-C (TYP.) UNLESS SPECIFIED OTHERWISE | ⑰ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE RR (TYP.) |
| ⑨ THERMOPLASTIC PAVEMENT MARKING, LETTERS & SYMBOLS, SOLID WHITE (TYP.) | ⑱ THERMOPLASTIC PAVEMENT MARKING, 6" SKIP DASH WHITE, 3' LINE WITH 9' SPACE (TYP.) |



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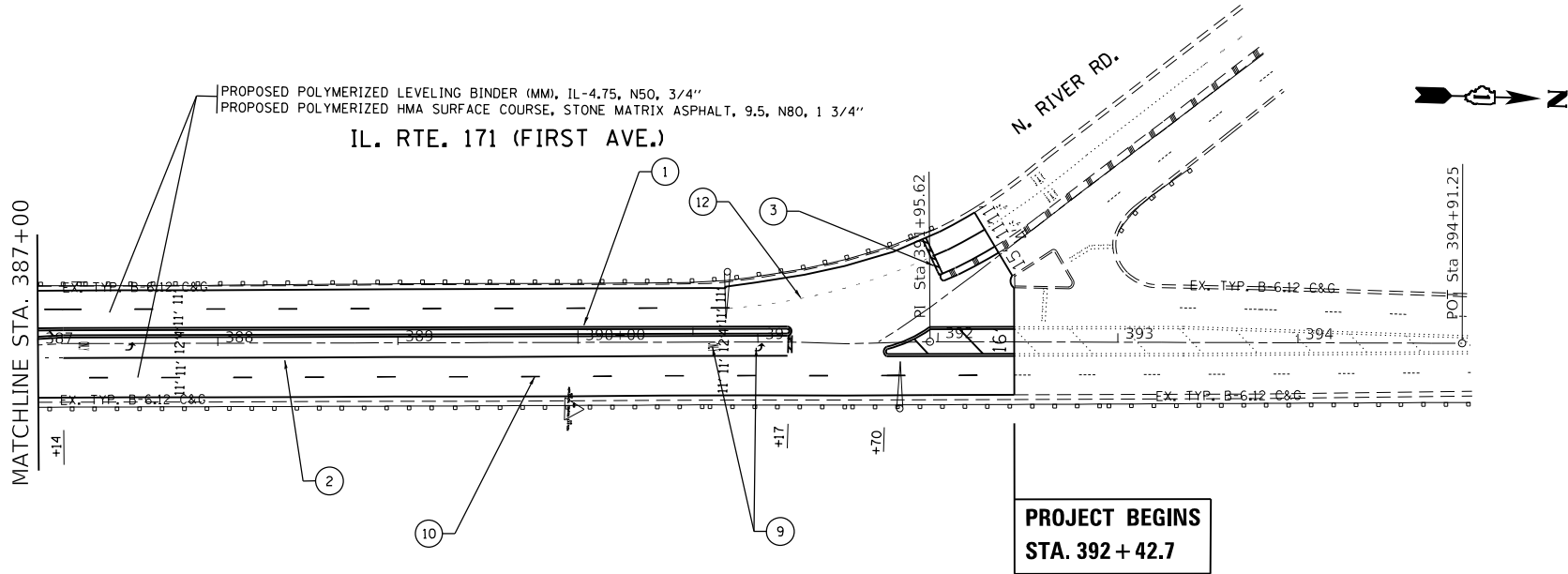
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN IL. RTE. 171
DES PLAINES RIVER RD. TO S0 43rd ST.

SCALE: 1"=50' SHEET OF SHEETS STA. 329+00 TO STA. 359+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2018-016-R5&SW-1	COOK	142	33
CONTRACT NO. 62G47				
ILLINOIS FED. AID PROJECT				

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PAVEMENT MARKING LEGEND

- | | |
|--|--|
| ① THERMOPLASTIC PAVEMENT MARKING, 4" DOUBLE SOLID YELLOW CENTERLINE, 2 @ 11" C-C (TYP.) | ⑩ THERMOPLASTIC PAVEMENT MARKING, 4" SKIP DASH WHITE LANE LINE, 10' DASH - 30' SKIP (TYP.) |
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| ⑥ THERMOPLASTIC PAVEMENT MARKING, 12" DIAGONAL SOLID YELLOW LINE @ 75' C-C (TYP.) UNLESS SPECIFIED OTHERWISE | ⑮ THERMOPLASTIC PAVEMENT MARKING, 4" SKIP DASH YELLOW LANE LINE, 10' DASH - 30' SKIP (TYP.) |
| ⑦ THERMOPLASTIC PAVEMENT MARKING, 4" SOLID WHITE EDGE LINE (TYP.) | ⑯ THERMOPLASTIC PAVEMENT MARKING, 8" SOLID WHITE CORE LINE (TYP.) |
| ⑧ THERMOPLASTIC PAVEMENT MARKING, 12" DIAGONAL SOLID WHITE LINE @ 75' C-C (TYP.) UNLESS SPECIFIED OTHERWISE | ⑰ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE RR (TYP.) |
| ⑨ THERMOPLASTIC PAVEMENT MARKING, LETTERS & SYMBOLS, SOLID WHITE (TYP.) | ⑱ THERMOPLASTIC PAVEMENT MARKING, 6" SKIP DASH WHITE, 3' LINE WITH 9' SPACE (TYP.) |

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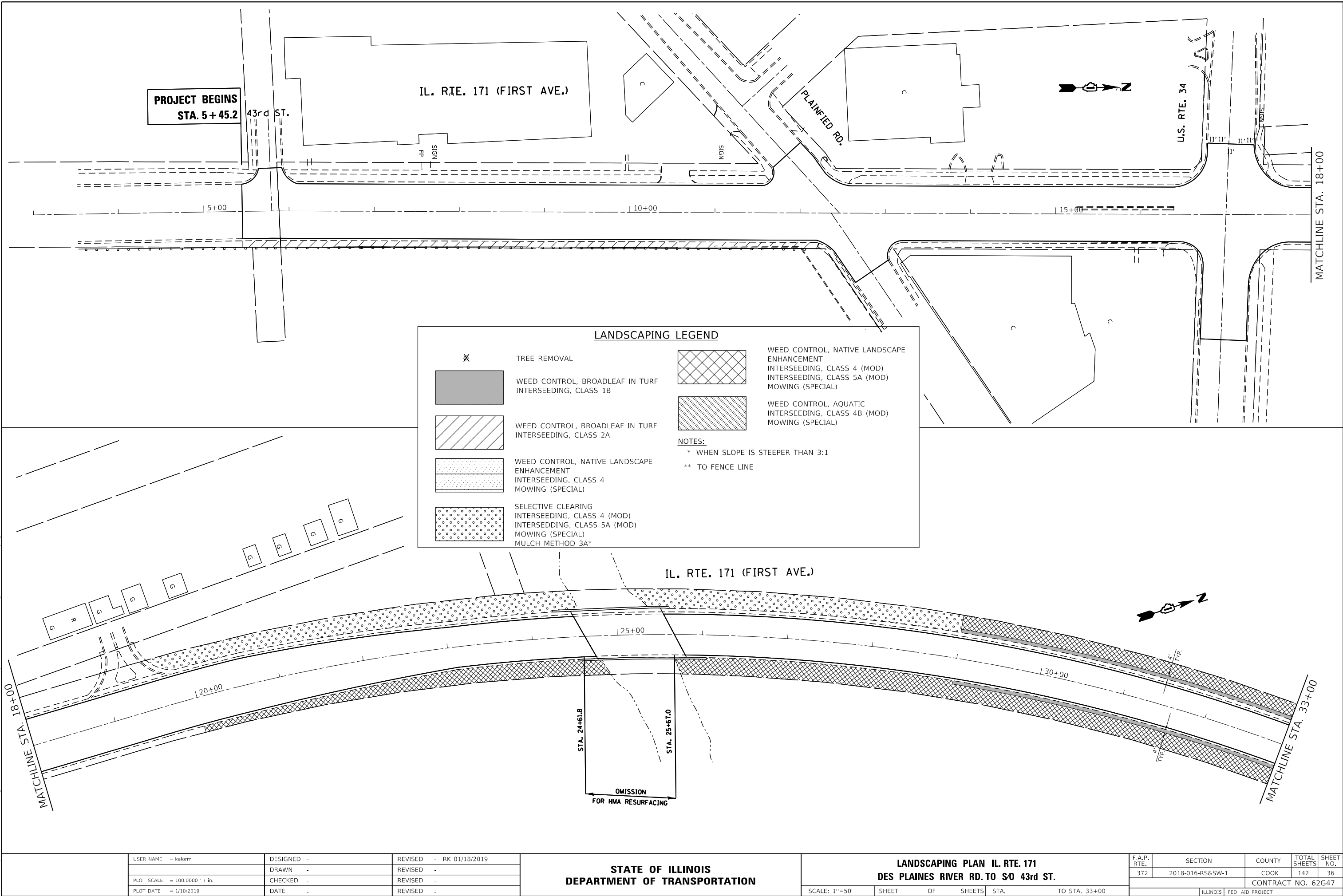
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN IL. RTE. 171
DES PLAINES RIVER RD. TO S0 43rd ST.

SCALE: 1"=50' SHEET OF SHEETS STA. 387+00 TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2018-016-R5&SW-1	COOK	142	35
CONTRACT NO. 62G47				
ILLINOIS FED. AID PROJECT				

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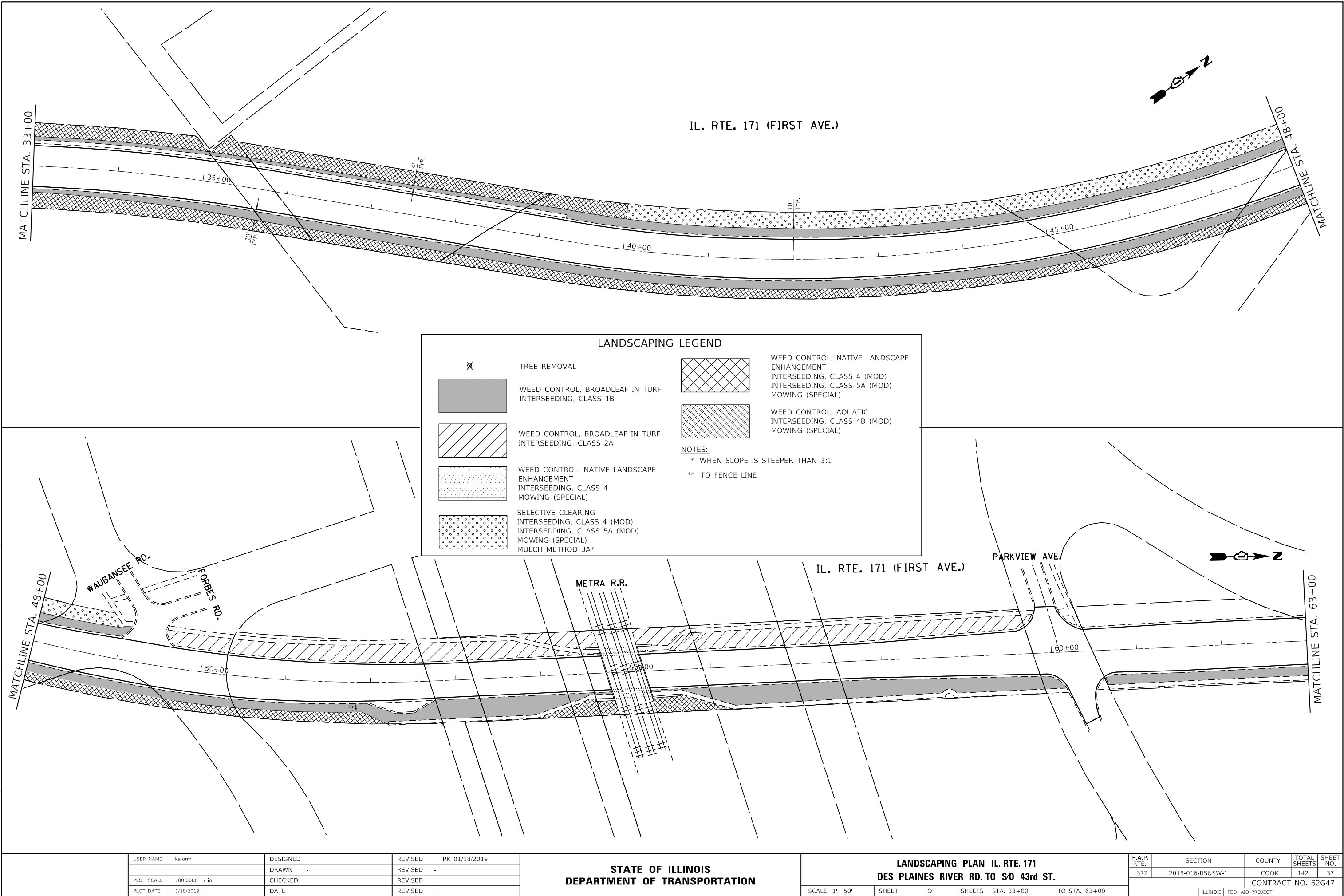
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING PLAN IL. RTE. 171
DES PLAINES RIVER RD. TO S/O 43rd ST.

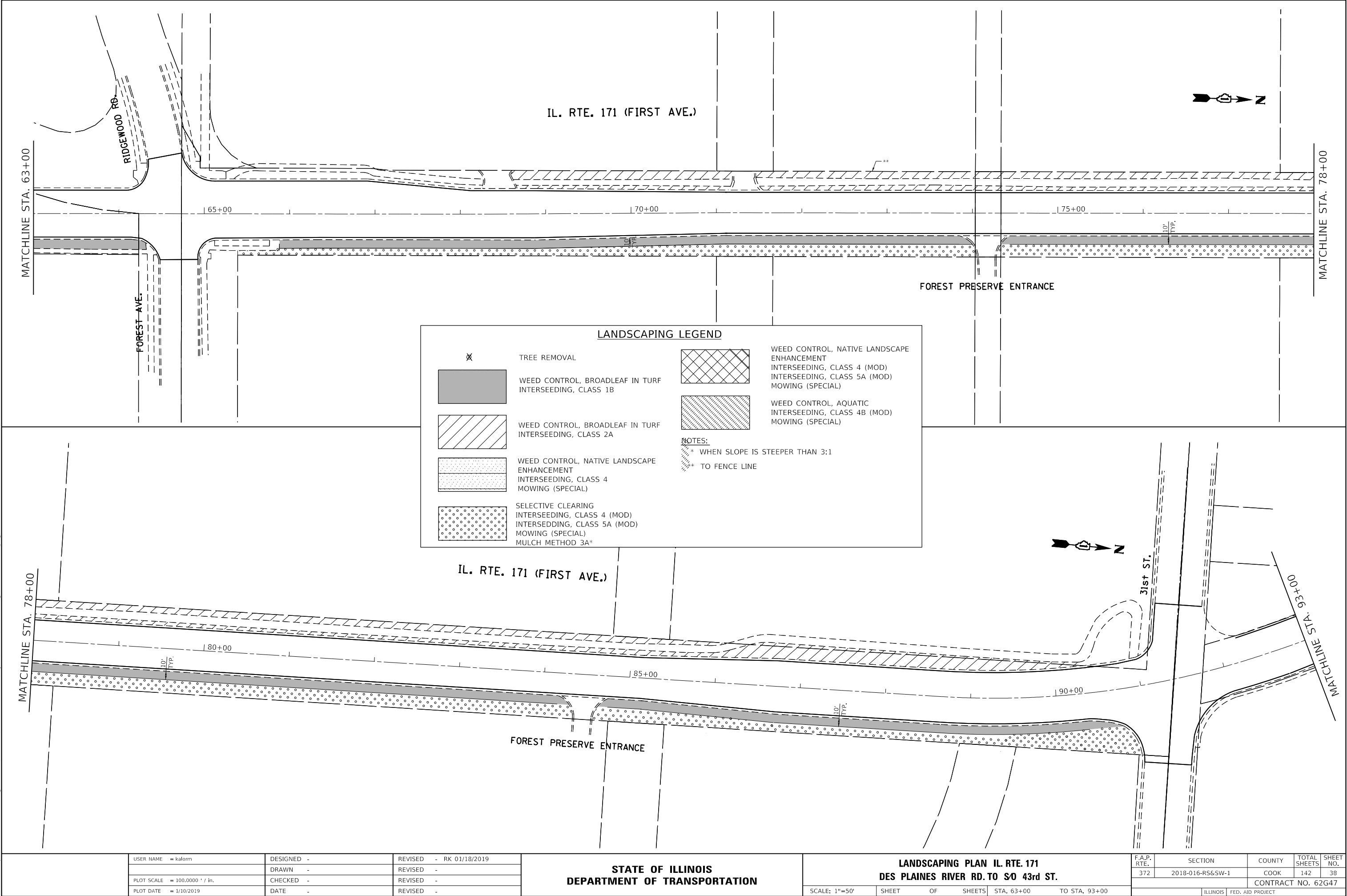
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2018-016-R5&SW-1	COOK	142	36
CONTRACT NO. 62G47				
ILLINOIS FED. AID PROJECT				

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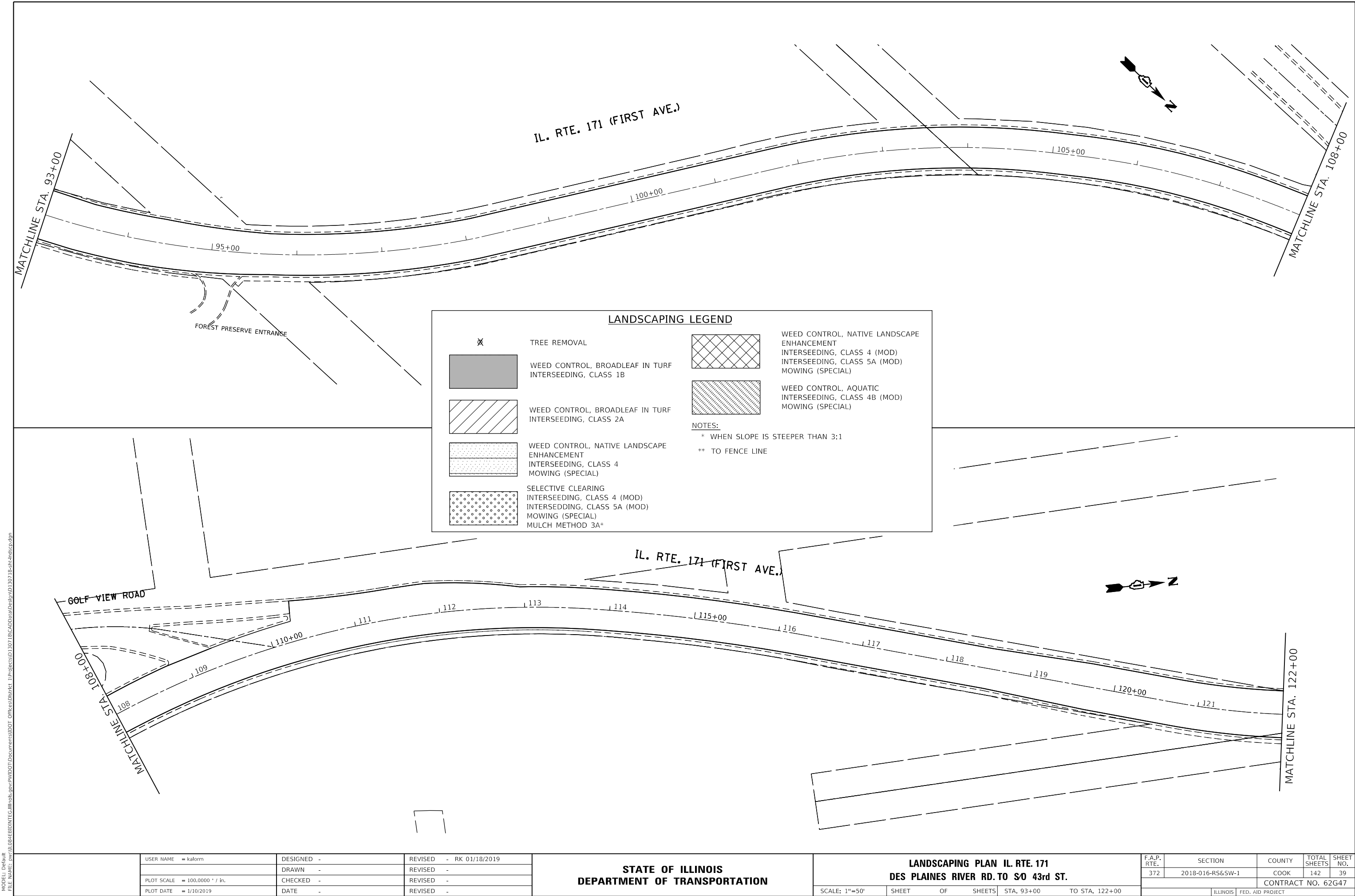
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING PLAN IL. RTE. 171
DES PLAINES RIVER RD. TO S0 43rd ST.

SCALE: 1"=50' SHEET OF SHEETS STA. 63+00 TO STA. 93+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2018-016-R5&SW-1	COOK	142	38
CONTRACT NO. 62G47				
ILLINOIS FED. AID PROJECT				

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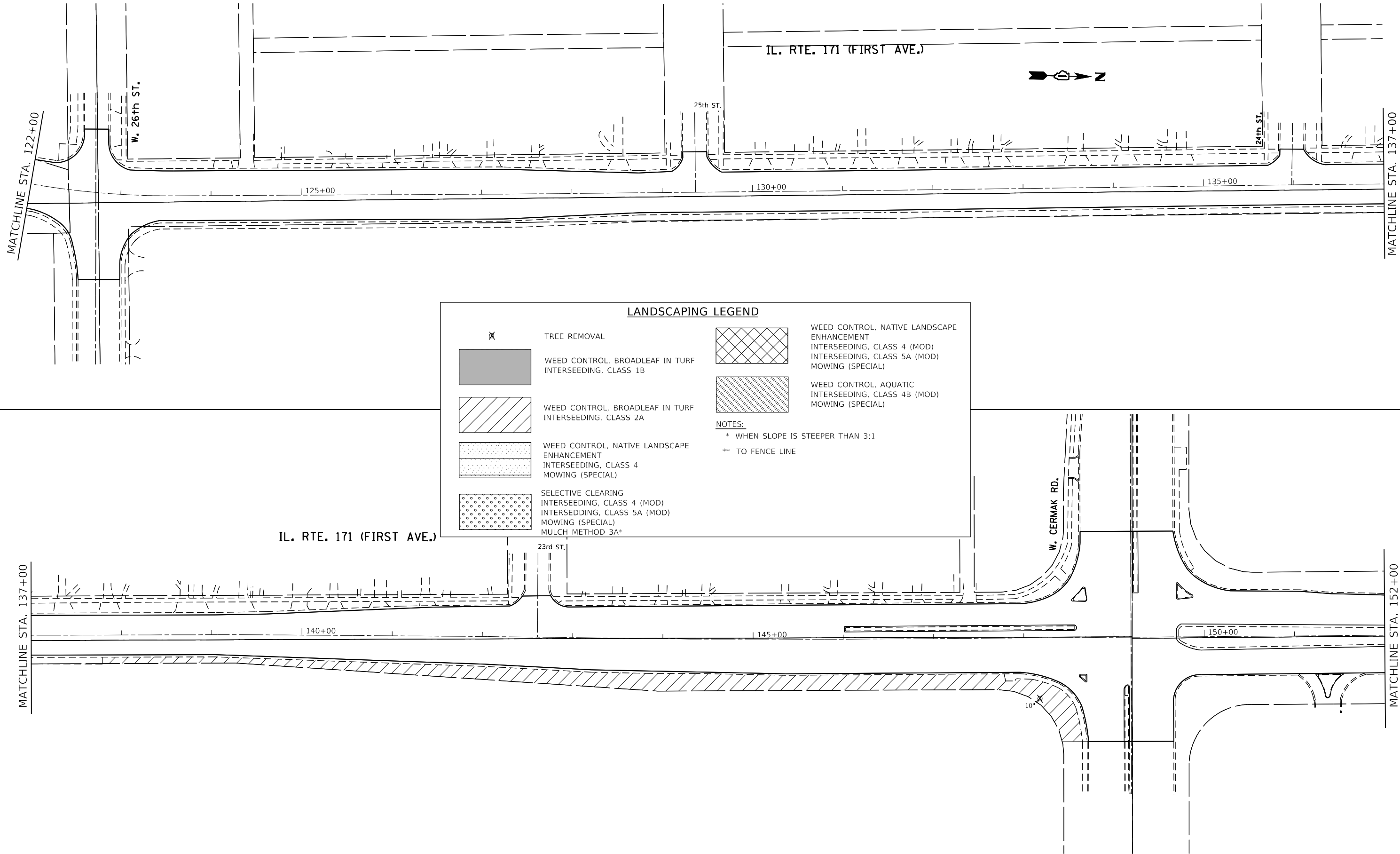
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING PLAN IL. RTE. 171
DES PLAINES RIVER RD. TO S0 43rd ST.

SCALE: 1"=50' SHEET OF SHEETS STA. 93+00 TO STA. 122+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2018-016-R5&SW-1	COOK	142	39
CONTRACT NO. 62G47				
ILLINOIS FED. AID PROJECT				

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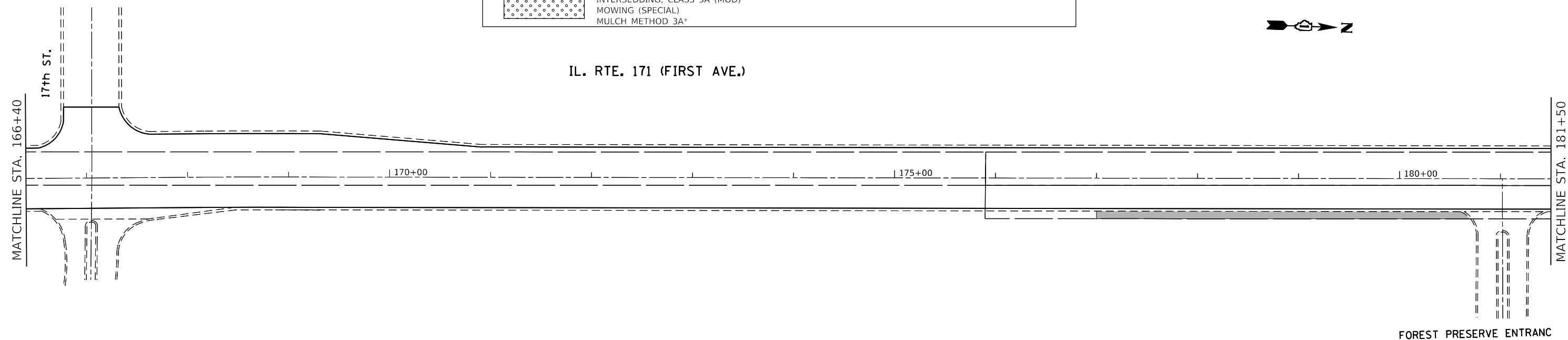
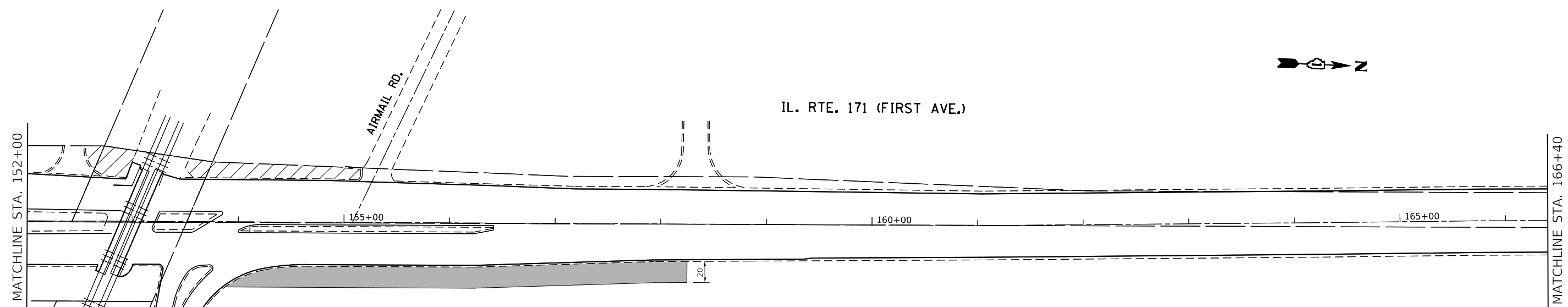


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PLOT DATE	= 1/10/2019	DATE	-	REVISED	-	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING PLAN IL. RTE. 171 DES PLAINES RIVER RD. TO S0 43rd ST.			
SCALE: 1"=50'	SHEET	OF	SHEETS
STA. 122+00		TO STA. 152+00	

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2018-016-R5&SW-1	COOK	142	40
CONTRACT NO. 62G47				
ILLINOIS		FED. AID PROJECT		



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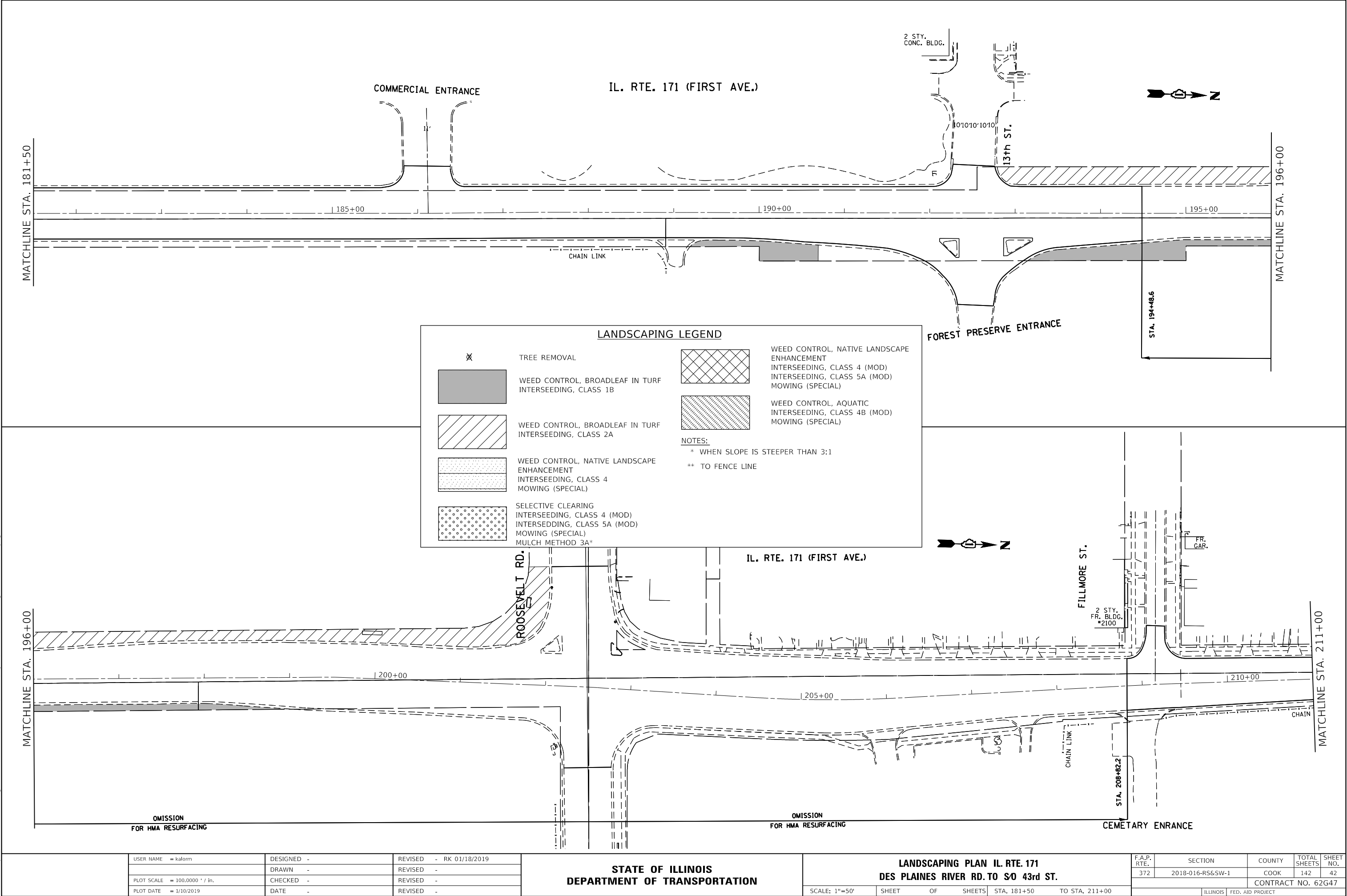
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LANDSCAPING PLAN IL. RTE. 171
DES PLAINES RIVER RD. TO S/O 43rd ST.

SCALE: 1"=50'	SHEET	OF	SHEETS	STA. 152+00	TO STA. 181+50
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2018-016-RS&SW-1	COOK	142	41
		CONTRACT NO. 62G47		
ILLINOIS		FED. AID PROJECT		

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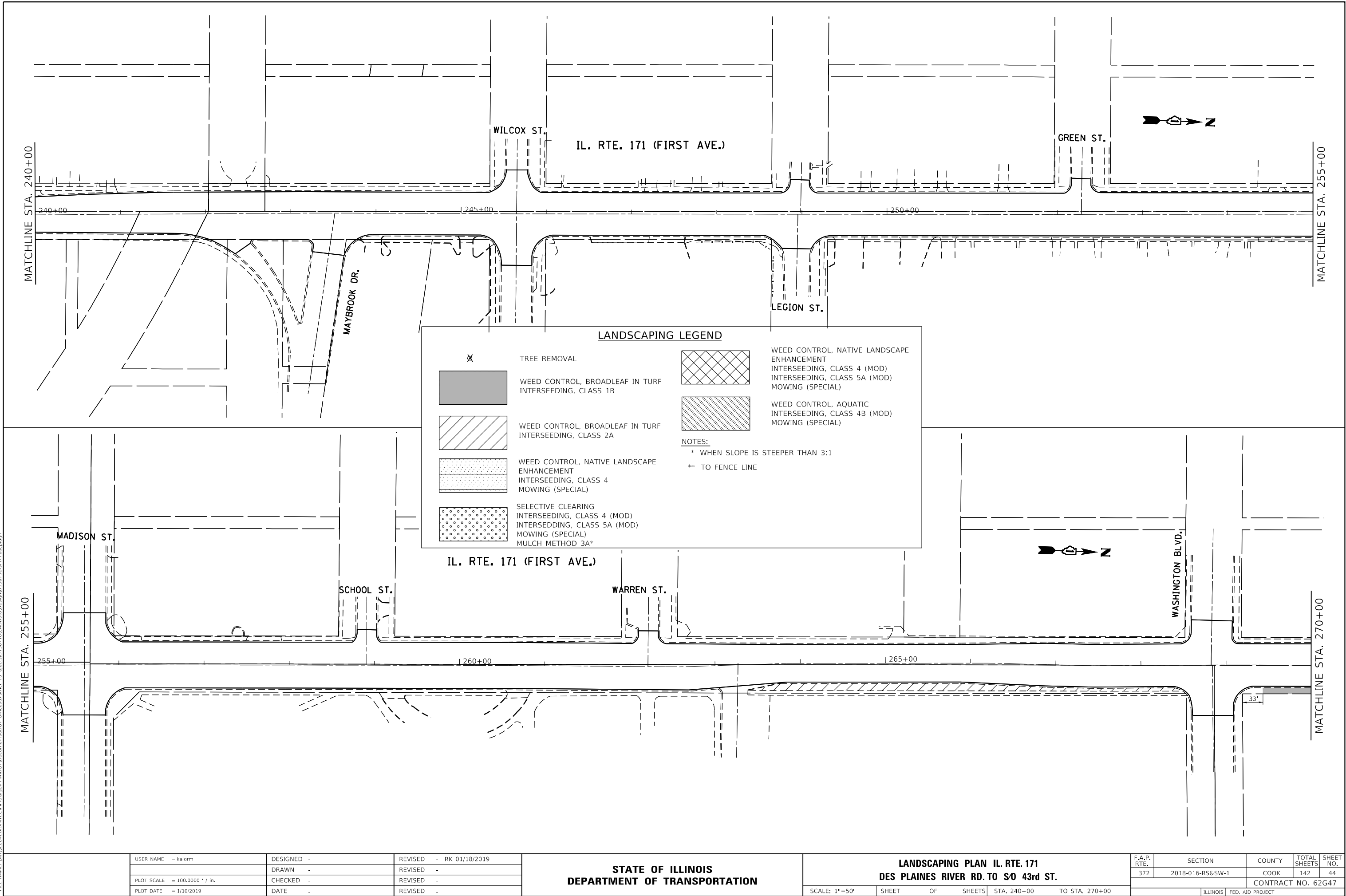
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING PLAN IL. RTE. 171
DES PLAINES RIVER RD. TO S0 43rd ST.

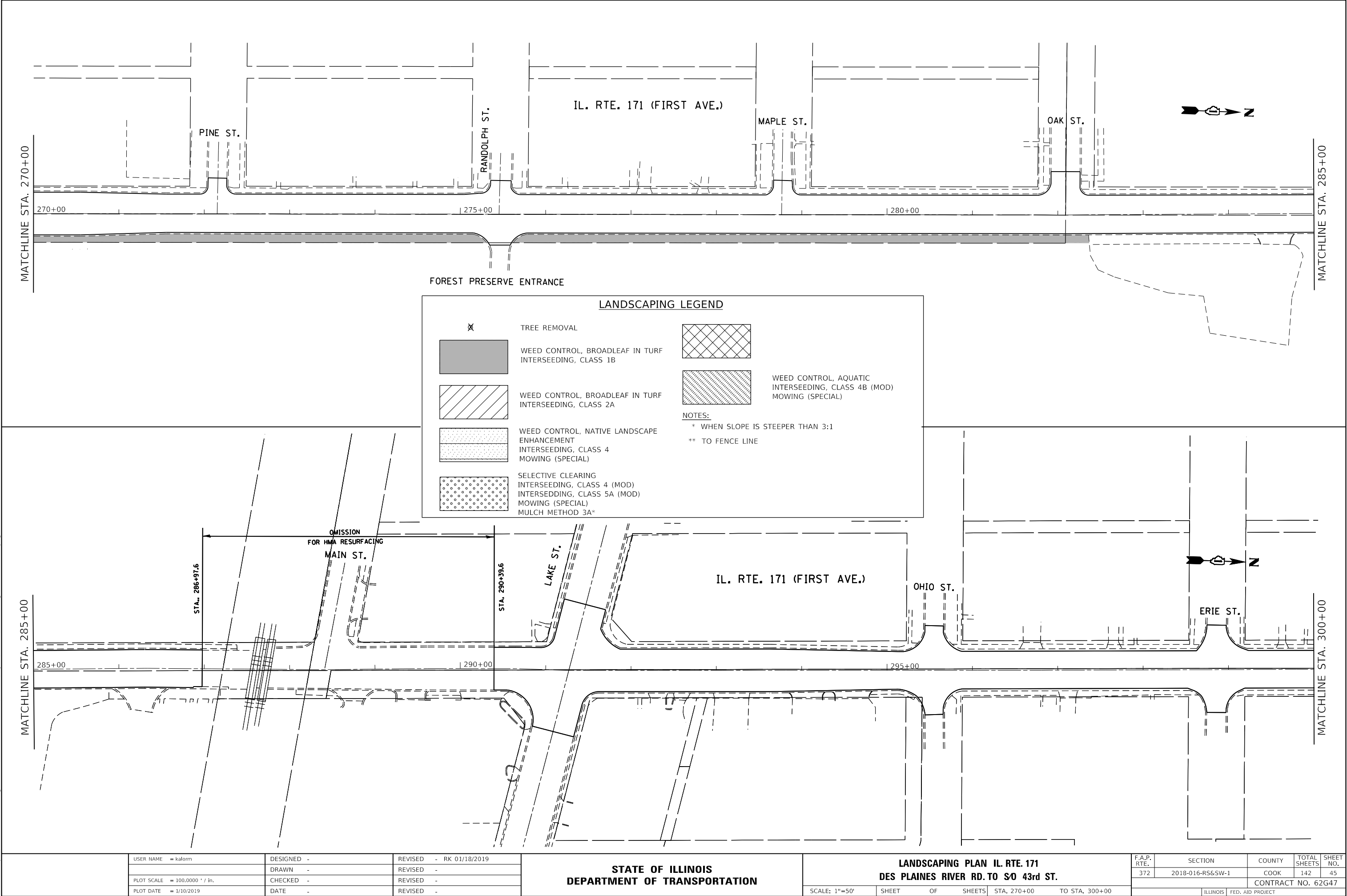
SCALE: 1"=50' SHEET OF SHEETS STA. 181+50 TO STA. 211+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2018-016-R5&SW-1	COOK	142	42
CONTRACT NO. 62G47				
ILLINOIS FED. AID PROJECT				

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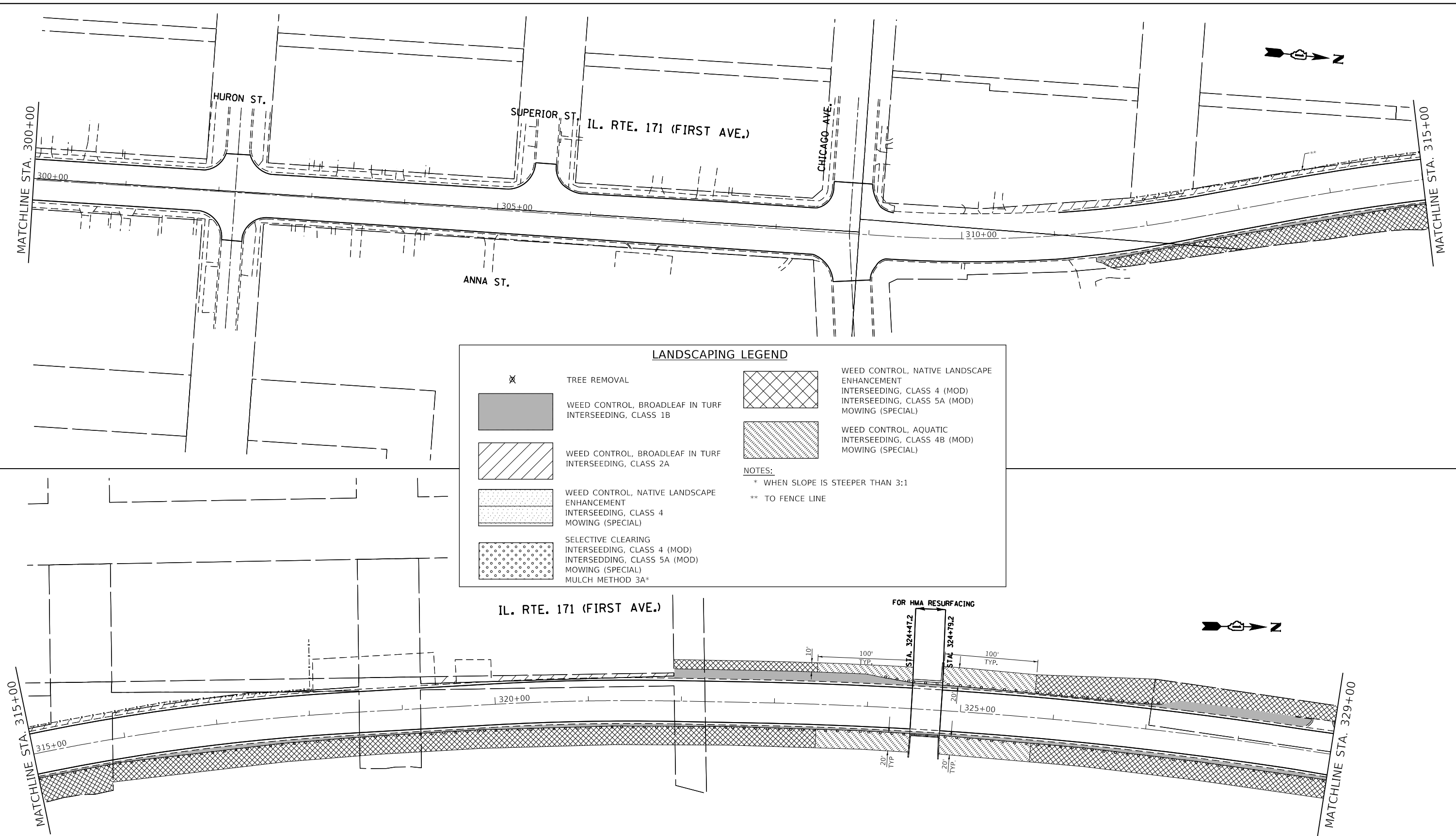
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PLOT DATE	= 1/10/2019				

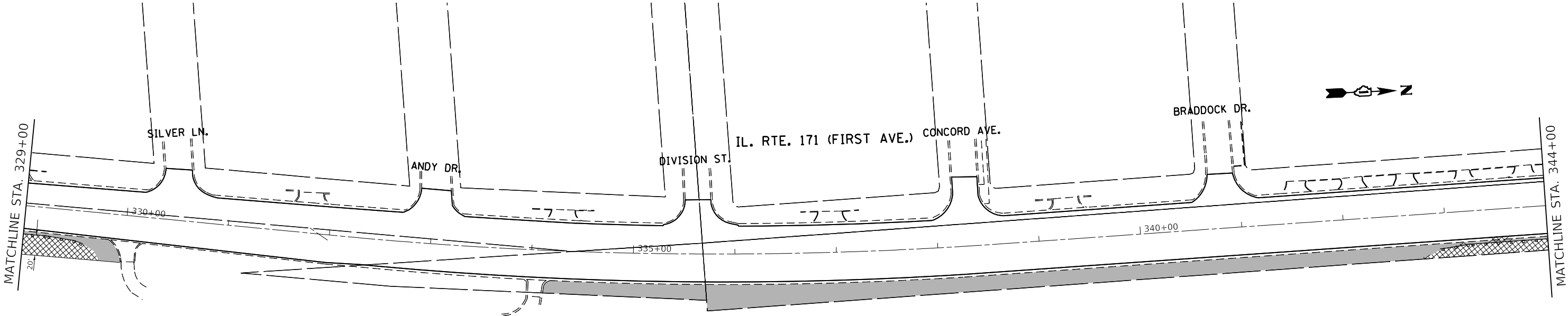
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING PLAN IL. RTE. 171
DES PLAINES RIVER RD. TO S0 43rd ST.

SCALE: 1"=50' SHEET OF SHEETS STA. 270+00 TO STA. 300+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2018-016-R5&SW-1	COOK	142	45
CONTRACT NO. 62G47				
ILLINOIS FED. AID PROJECT				





LANDSCAPING LEGEND

TREE REMOVAL

WEED CONTROL, BROADLEAF IN TURF
INTERSEEDING, CLASS 1B

WEED CONTROL, BROADLEAF IN TURF
INTERSEEDING, CLASS 2A

WEED CONTROL, NATIVE LANDSCAPE
ENHANCEMENT
INTERSEEDING, CLASS 4
MOWING (SPECIAL)

WEED CONTROL, NATIVE LANDSCAPE
ENHANCEMENT
INTERSEEDING, CLASS 4 (MOD)
INTERSEEDING, CLASS 5A (MOD)
MOWING (SPECIAL)
MULCH METHOD 3A*

SELECTIVE CLEARING
INTERSEEDING, CLASS 2A
MOWING (SPECIAL)

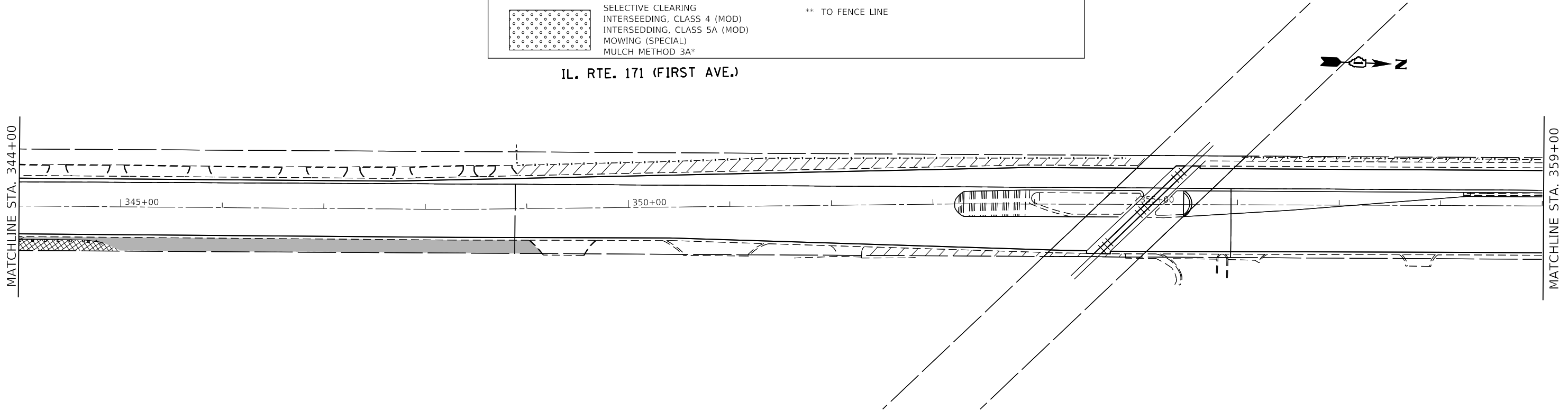
WEED CONTROL, AQUATIC
INTERSEEDING, CLASS 4B (MOD)
MOWING (SPECIAL)

NOTES:

* WHEN SLOPE IS STEEPER THAN 3:1

** TO FENCE LINE

IL. RTE. 171 (FIRST AVE.)



MODEL: Default
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		DRAWN	-	REVISED	-	
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PLOT DATE	= 1/10/2019	DATE	-	REVISED	-	

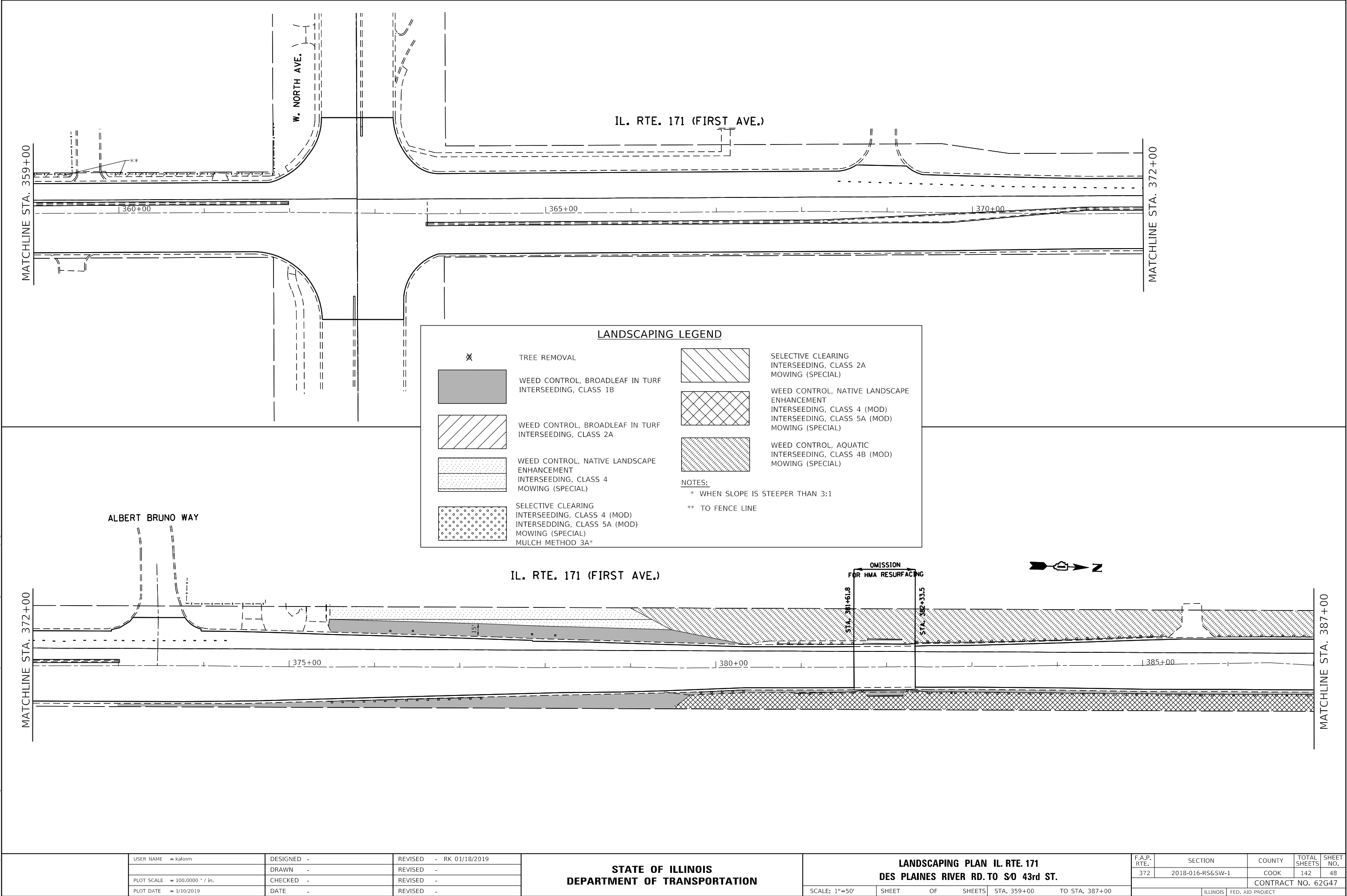
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPING PLAN IL. RTE. 171
DES PLAINES RIVER RD. TO S0 43rd ST.

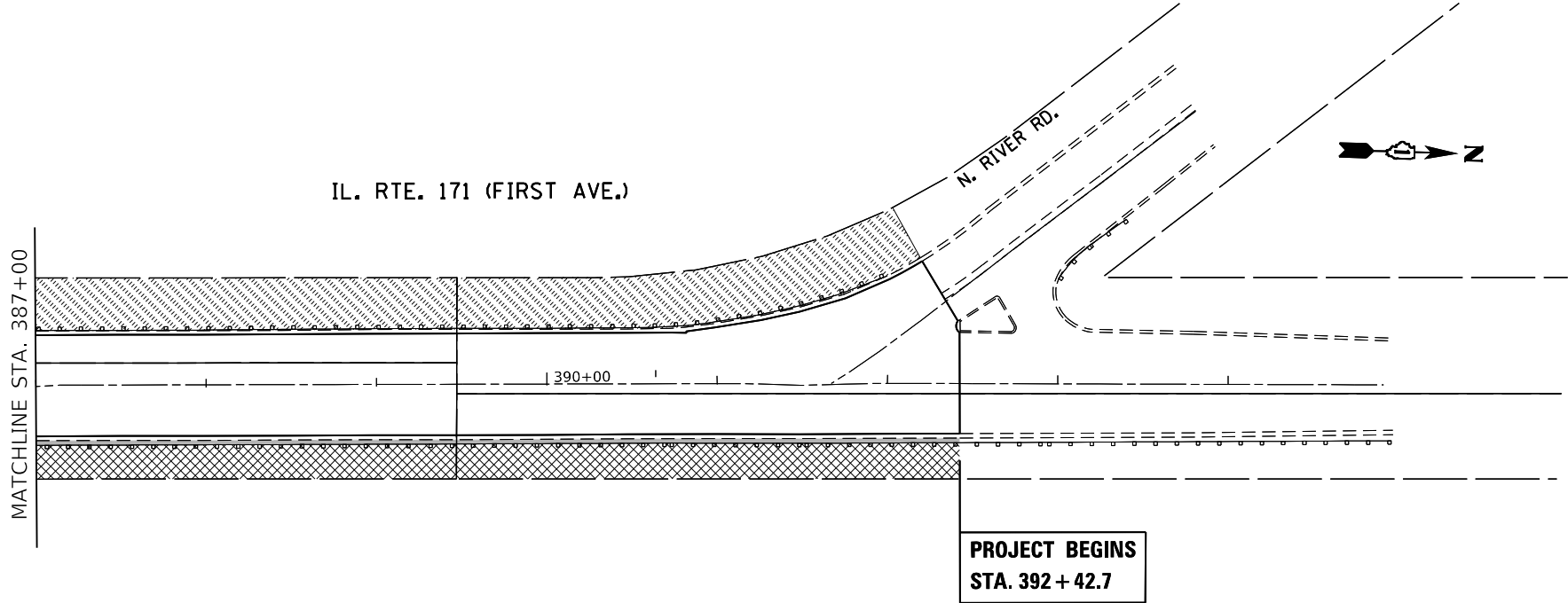
SCALE: 1"=50' SHEET OF SHEETS STA. 329+00 TO STA. 359+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2018-016-R5&SW-1	COOK	142	47
CONTRACT NO. 62G47				
ILLINOIS FED. AID PROJECT				

MODEL Default
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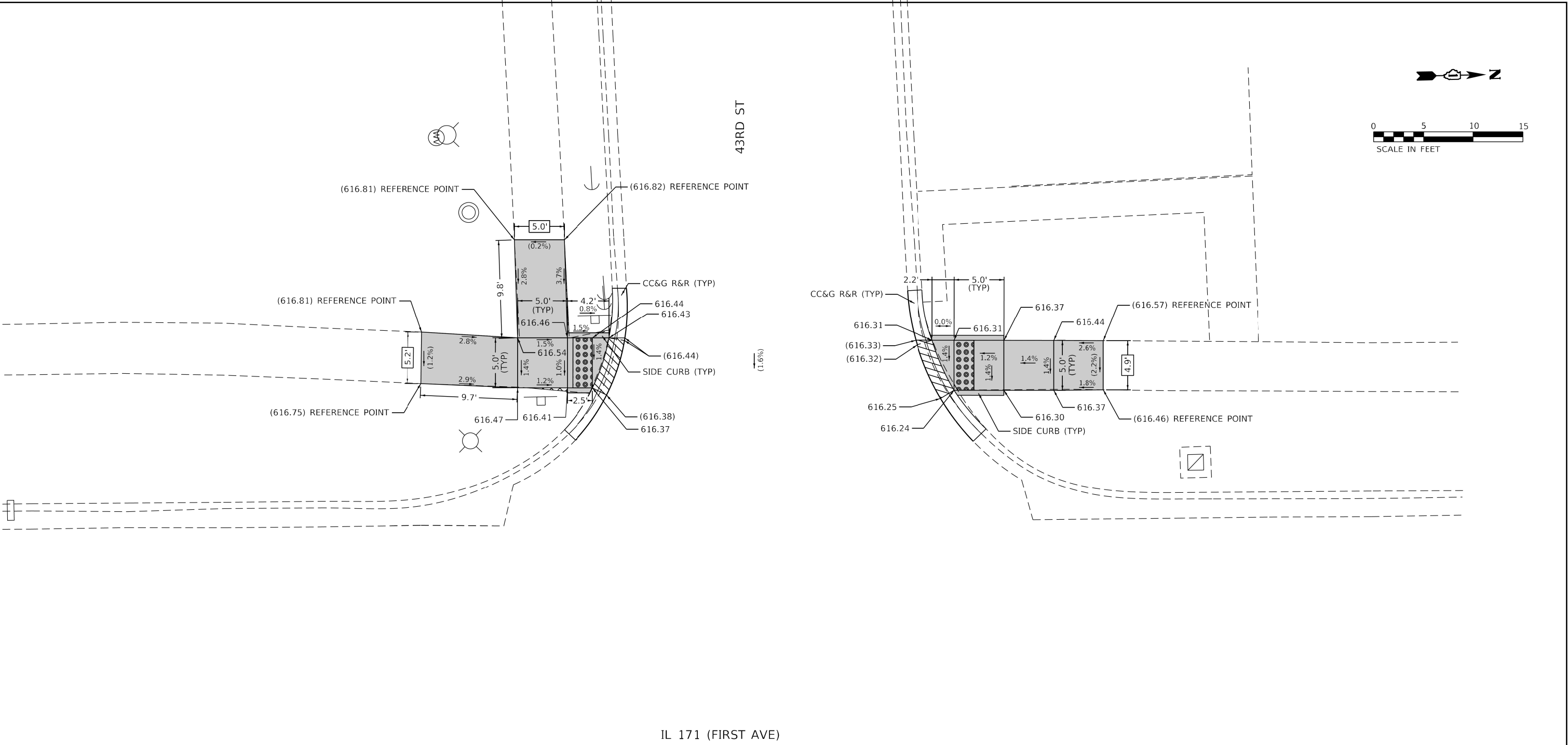
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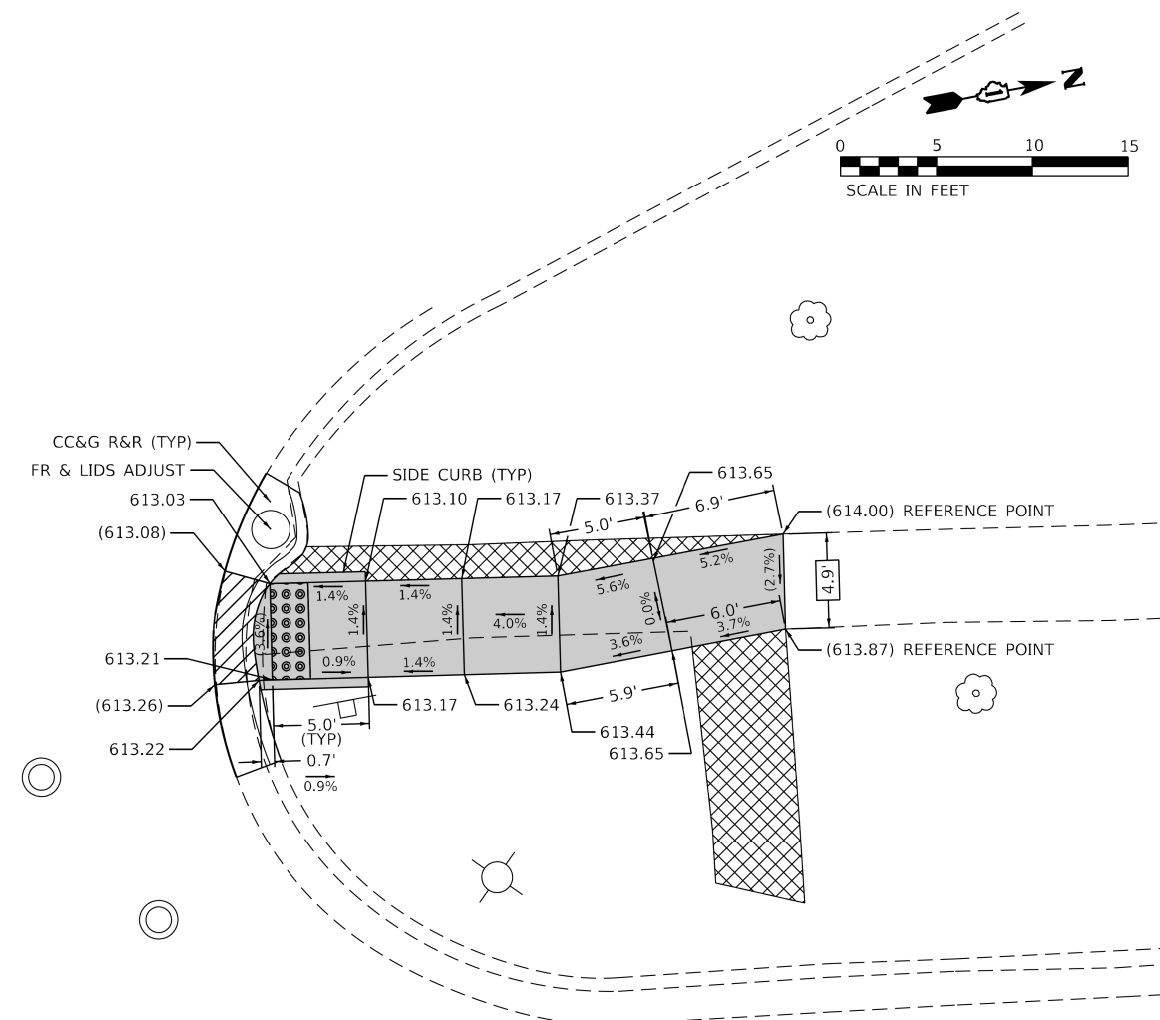
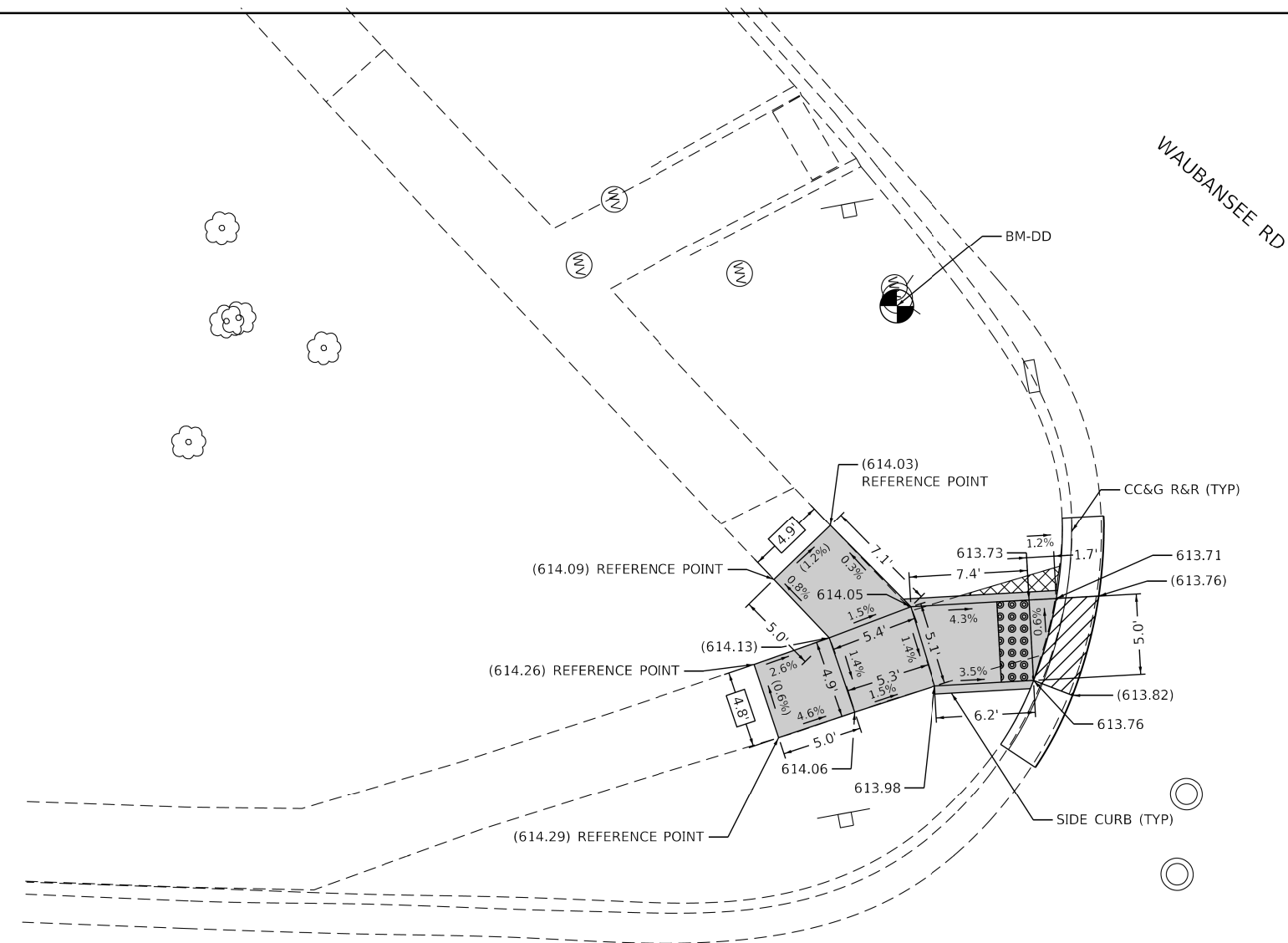
LANDSCAPING LEGEND			
	TREE REMOVAL		SELECTIVE CLEARING INTERSEEDING, CLASS 2A MOWING (SPECIAL)
	WEED CONTROL, BROADLEAF IN TURF INTERSEEDING, CLASS 1B		WEED CONTROL, NATIVE LANDSCAPE ENHANCEMENT INTERSEEDING, CLASS 4 (MOD) INTERSEEDING, CLASS 5A (MOD) MOWING (SPECIAL)
	WEED CONTROL, BROADLEAF IN TURF INTERSEEDING, CLASS 2A		WEED CONTROL, AQUATIC INTERSEEDING, CLASS 4B (MOD) MOWING (SPECIAL)
	WEED CONTROL, NATIVE LANDSCAPE ENHANCEMENT INTERSEEDING, CLASS 4 MOWING (SPECIAL)	NOTES: * WHEN SLOPE IS STEEPER THAN 3:1 ** TO FENCE LINE	
	SELECTIVE CLEARING INTERSEEDING, CLASS 4 (MOD) INTERSEEDING, CLASS 5A (MOD) MOWING (SPECIAL) MULCH METHOD 3A*		

	USER NAME = kalorm	DESIGNED -	REVISED - RK 01/18/2019	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LANDSCAPING PLAN IL. RTE. 171 DES PLAINES RIVER RD. TO S/O 43rd ST.		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -				372	2018-016-R5&SW-1	COOK	142	49
	PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -				CONTRACT NO. 62G47				
	PLOT DATE = 1/10/2019	DATE -	REVISED -				ILLINOIS FED. AID PROJECT				
SCALE: 1"=50'		SHEET	OF	SHEETS	STA. 387+00	TO STA.					

MODEL: Default
FILE NAME: Z:\18039.04 DOT D1 PFB 187.006 W04 IL171 ADA Ramp\DCN\Design\Realm\Details\0162G47-shc-detailsRamp-33.dgn



REFERENCE BENCHMARK EE EL 619.65 (NOT SHOWN)				XX.XX' ()			
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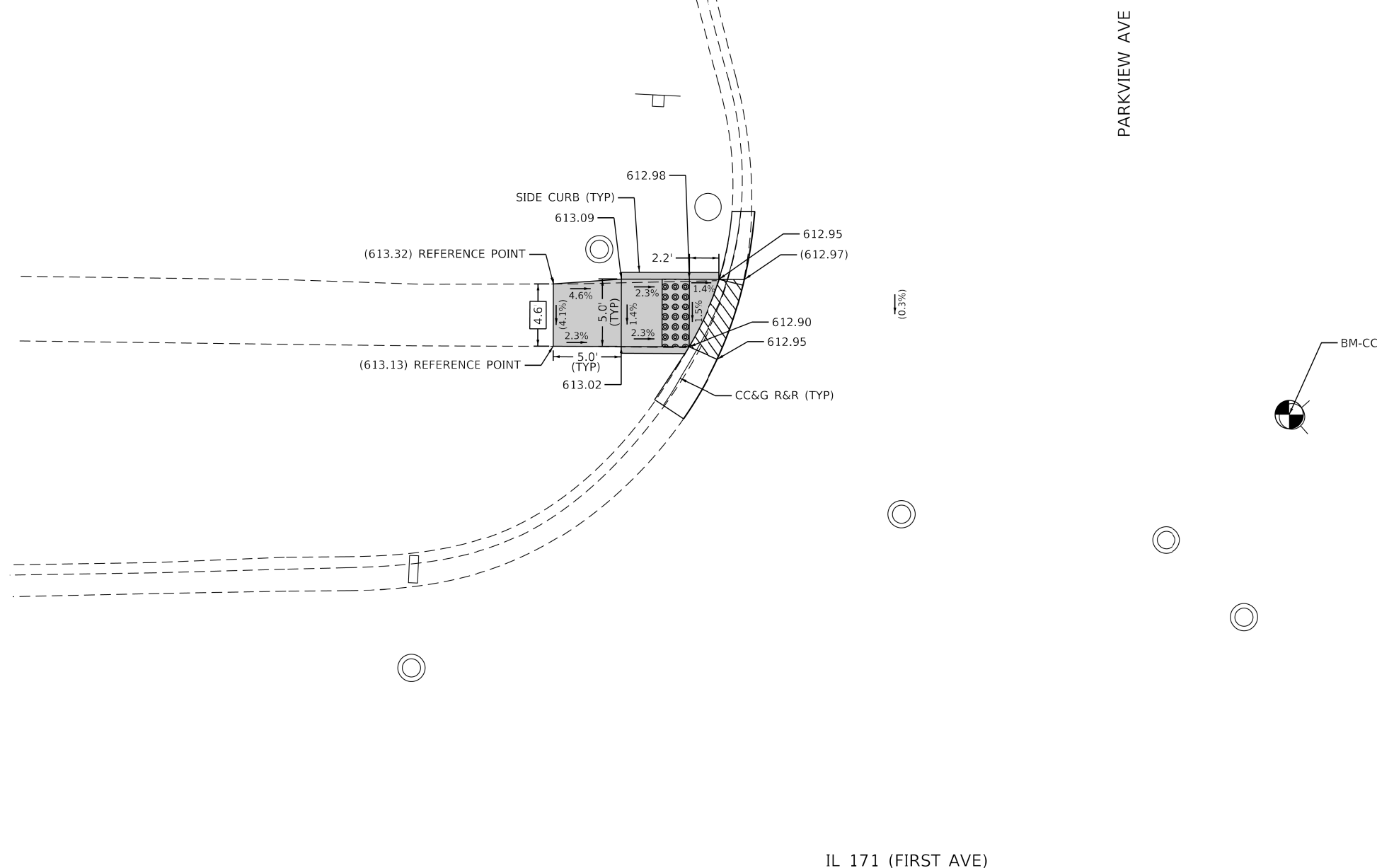
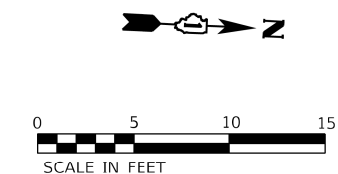
NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

LEGEND

NOTE: THESE RAMPS SHALL BE CONSTRUCTED
USING PCC SIDEWALK 5 INCH, SPECIAL (EXPOSED
AGGREGATE)
SEE SPECIAL PROVISIONS

USER NAME = RGal	DESIGNED = KB/CS/MS/AN	REVISED = RK - 01/23/2019
	DRAWN = KB/CS/MS/AN	REVISED =
PLOT SCALE = 10.0000" / ft.	CHECKED = RG	REVISED =
PLOT DATE = 11/21/2018	DATE = 9/7/2018	REVISED =

ADA RAMP DETAILS IL 171 (FIRST AVE) AT WAUBANSEE RD					F.A.P. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
					372	2018-016-R5&SW-1		COOK	142	51
					CONTRACT NO. 62G47					
SCALE:	SHEET	OF	SHEETS	STA.	TO STA.					



NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

NOTE: THESE RAMPS SHALL BE CONSTRUCTED
USING PCC SIDEWALK 5 INCH, SPECIAL (EXPOSED
AGGREGATE)
SEE SPECIAL PROVISIONS

LEGEND

- | | |
|--|--|
| | EXISTING LENGTH |
| | EXISTING ELEVATION / SLOPE |
| | PROPOSED SIDEWALK |
| | DETECTABLE WARNINGS |
| | SIDEWALK REMOVAL
REPLACE WITH TOPSOIL AND SOD |
| | DEPRESSED CURB AND GUTTER |

REFERENCE BENCHMARK CC EL 615.81

BENCHMARK: SET CROSS ON SW BANNET BOLT OF FH 12' W OF BACK OF CURB

LOCATION: NW COR IL 171 (FIRST AVE) AND PARKVIEW AVE

FILE NAME: Z:\	USER NAME = RGal	DESIGNED - KB/CS/MS/AN	REVISED - RK - 01/23/2019	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ADA RAMP DETAILS IL 171 (FIRST AVE) AT PARKVIEW AVE				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN - KB/CS/MS/AN	REVISED -						372	2018-016-R5&SW-1	COOK	142	52	
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	PLOT DATE = 11/21/2018	DATE - 9/7/2018	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.				
									ILLINOIS FED. AID PROJECT					

A north arrow pointing to the right, labeled 'N'. Below it is a scale bar marked from 0 to 15 feet, with major ticks every 5 feet and minor ticks every 1 foot.



LOCATION: NW COR IL 171 (FIRST AVE) AND PARKVIEW AVE

	EXISTING LENGTH
	EXISTING ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
	DEPRESSED CURB AND GUTTER

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PLOT SCALE = 10.0000" / ft.	CHECKED = RG	REVISED =
PLOT DATE = 11/21/2018	DATE = 9/7/2018	REVISED =

ADA RAMP DETAILS IL 171 (FIRST AVE) AT PARKVIEW AVE				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2018-016-R5&SW-1	COOK	142	53
		CONTRACT NO. 62G47		
ILLINOIS		FED. AID PROJECT		

MODEL: Default
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NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

NOTE: THESE RAMPS SHALL BE CONSTRUCTED
USING PCC SIDEWALK 5 INCH, SPECIAL (EXPOSED
AGGREGATE)
SEE SPECIAL PROVISIONS

LEGEND

XX.XX'

()

EXISTING LENGTH

EXISTING ELEVATION / SLOPE

PROPOSED SIDEWALK

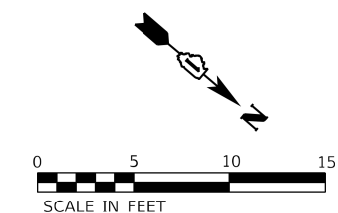
DETECTABLE WARNINGS

SIDEWALK REMOVAL
REPLACE WITH TOPSOIL AND SOD

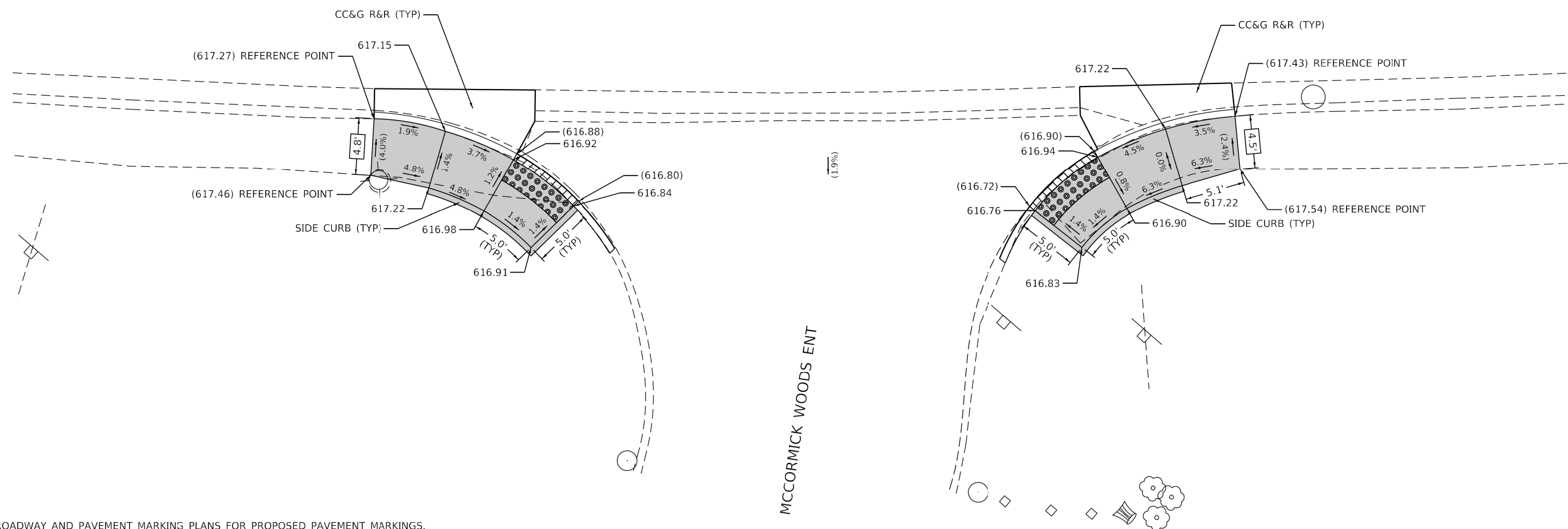
DEPRESSED CURB AND GUTTER

REFERENCE BENCHMARK BB EL 617.06 (NOT SHOWN)
BENCHMARK: CUT SQUARE ON E SIDE OF LP CONC BASE
LOCATION: 86' N OF NE COR IL 171 (FIRST AVE) AND 31ST ST

	USER NAME = RGalI	DESIGNED - KB/CS/MS/AN	REVISED - RK - 01/23/2019	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ADA RAMP DETAILS IL 171 (FIRST AVE) AT 31ST ST		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - KB/CS/MS/AN	REVISED -				372	2018-016-RS&SW-1	COOK	142	54
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	PLOT DATE = 11/21/2018	DATE - 9/7/2018	REVISED -				ILLINOIS FED. AID PROJECT				
SCALE:		SHEET	OF	SHEETS	STA.	TO STA.					



IL 171 (FIRST AVE)



NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

REFERENCE BENCHMARK BB EL 617.06 (NOT SHOWN)

BENCHMARK: CUT SQUARE ON E SIDE OF LP CONC BASE

LOCATION: 86' N OF NE COR IL 171 (FIRST AVE) AND 31ST ST

LEGEND

XX.XX'

EXISTING LENGTH

()

EXISTING ELEVATION / SLOPE

10

PROPOSED SIDEWALK

DETECTABLE WARNINGS



SIDEWALK REMOVAL
REPLACE WITH TOPSOIL AND SOD

REPLACE WITH TOPSOIL AND SO
DEPRESSED CURB AND GUTTER

USER NAME = RGal	DESIGNED - KB/CS/MS/AN	REVISED -
	DRAWN - KB/CS/MS/AN	REVISED -
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PLOT DATE = 11/21/2018	DATE - 9/7/2018	REVISED -

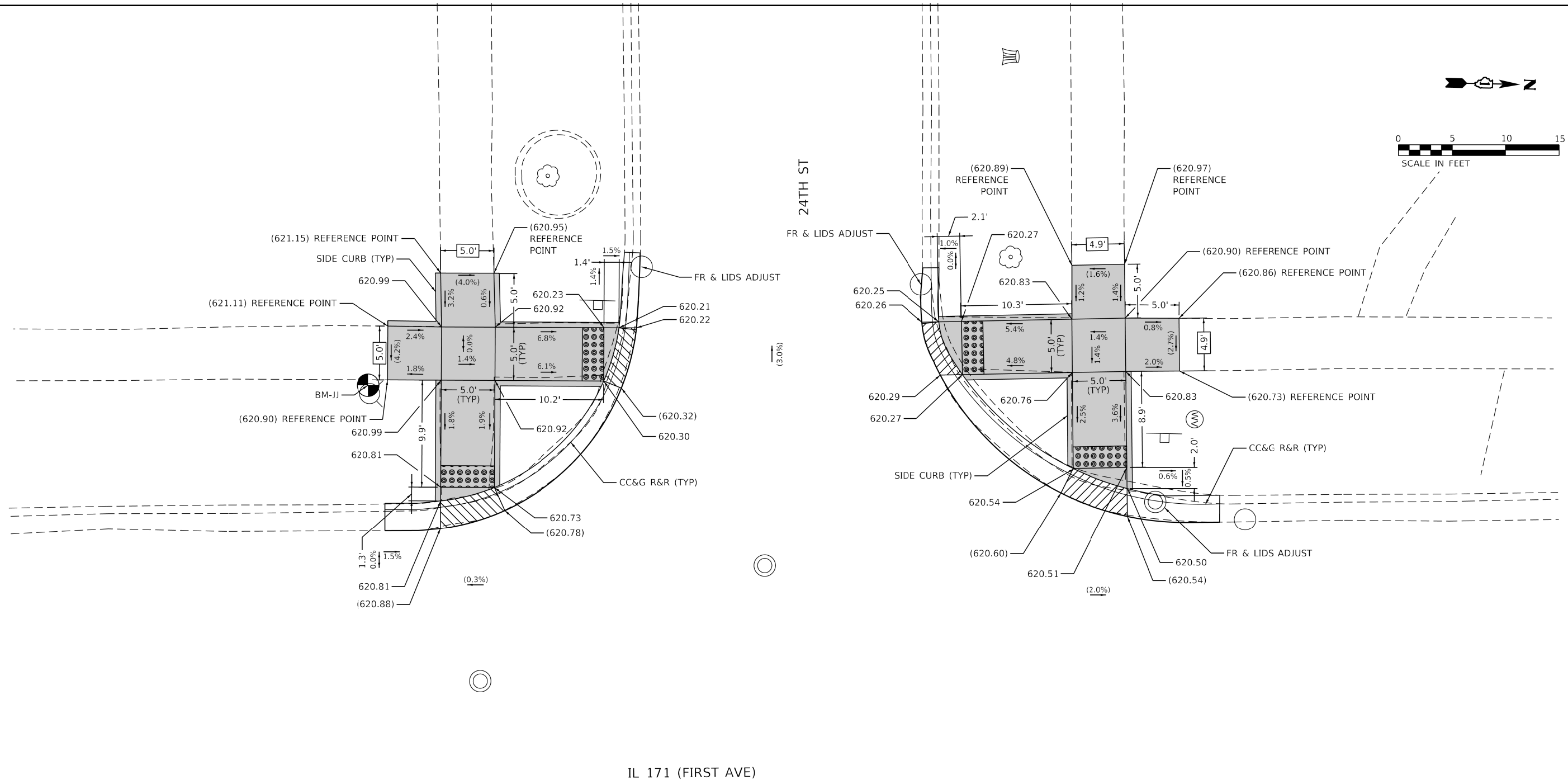
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ADA RAMP DETAILS
IL 171 (FIRST AVE) AT MCCORMICK WOODS ENT

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2018-016-RS&SW-1	COOK	142	55
		CONTRACT NO. 62G47		
ILLINOIS		FED. AID PROJECT		

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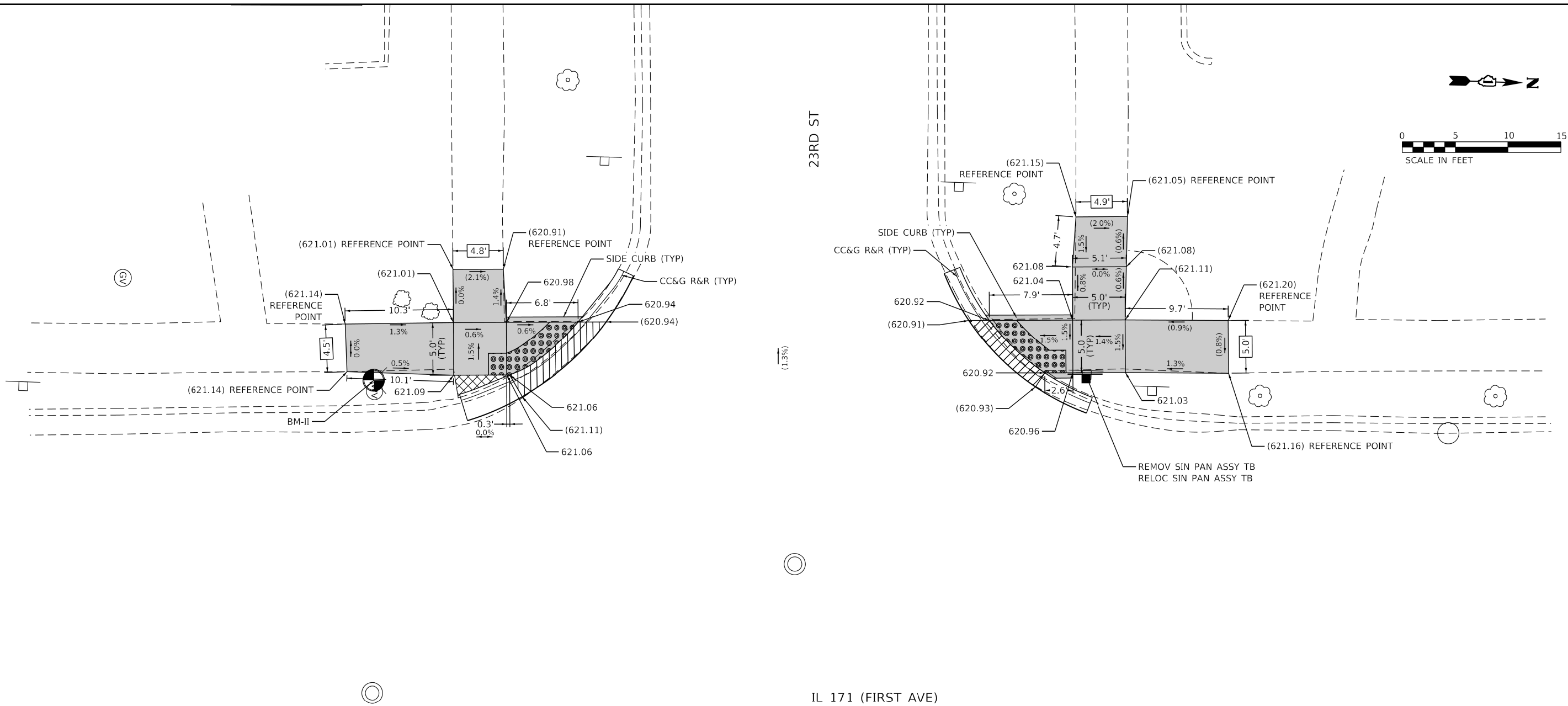


NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

REFERENCE BENCHMARK JJ EL 622.31				LEGEND XX.XX' EXISTING LENGTH () EXISTING ELEVATION / SLOPE PROPOSED SIDEWALK DETECTABLE WARNINGS SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD DEPRESSED CURB AND GUTTER							
BENCHMARK: SET CROSS ON NW BOLT OF FH											
LOCATION: SW COR OF IL 171 (FIRST AVE) AND 24TH ST											

	USER NAME	= RGal	DESIGNED	-	KB/CS/MS/AN	REVISED	-	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ADA RAMP DETAILS IL 171 (FIRST AVE) AT 24TH ST				F.A.P. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
			DRAWN	-	KB/CS/MS/AN	REVISED	-		372	2018-016-R5&SW-1		COOK	142	58				
	PLOT SCALE	= 10.0000 ' / in.	CHECKED	-	RG	REVISED	-		CONTRACT NO. 62G47									
	PLOT DATE	= 11/21/2018	DATE	-	9/7/2018	REVISED	-						ILLINOIS FED. AID PROJECT					
							SCALE:		SHEET	OF	SHEETS	STA.	TO	STA.				

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NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

REFERENCE BENCHMARK II EL 622.18
BENCHMARK: SET CROSS ON NW BOLT OF FH
LOCATION: SW COR OF IL 171 (FIRST AVE) AND 23RD ST

LEGEND

- XX.XX' EXISTING LENGTH
- () EXISTING ELEVATION / SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
REPLACE WITH TOPSOIL AND SOD
- DEPRESSED CURB AND GUTTER

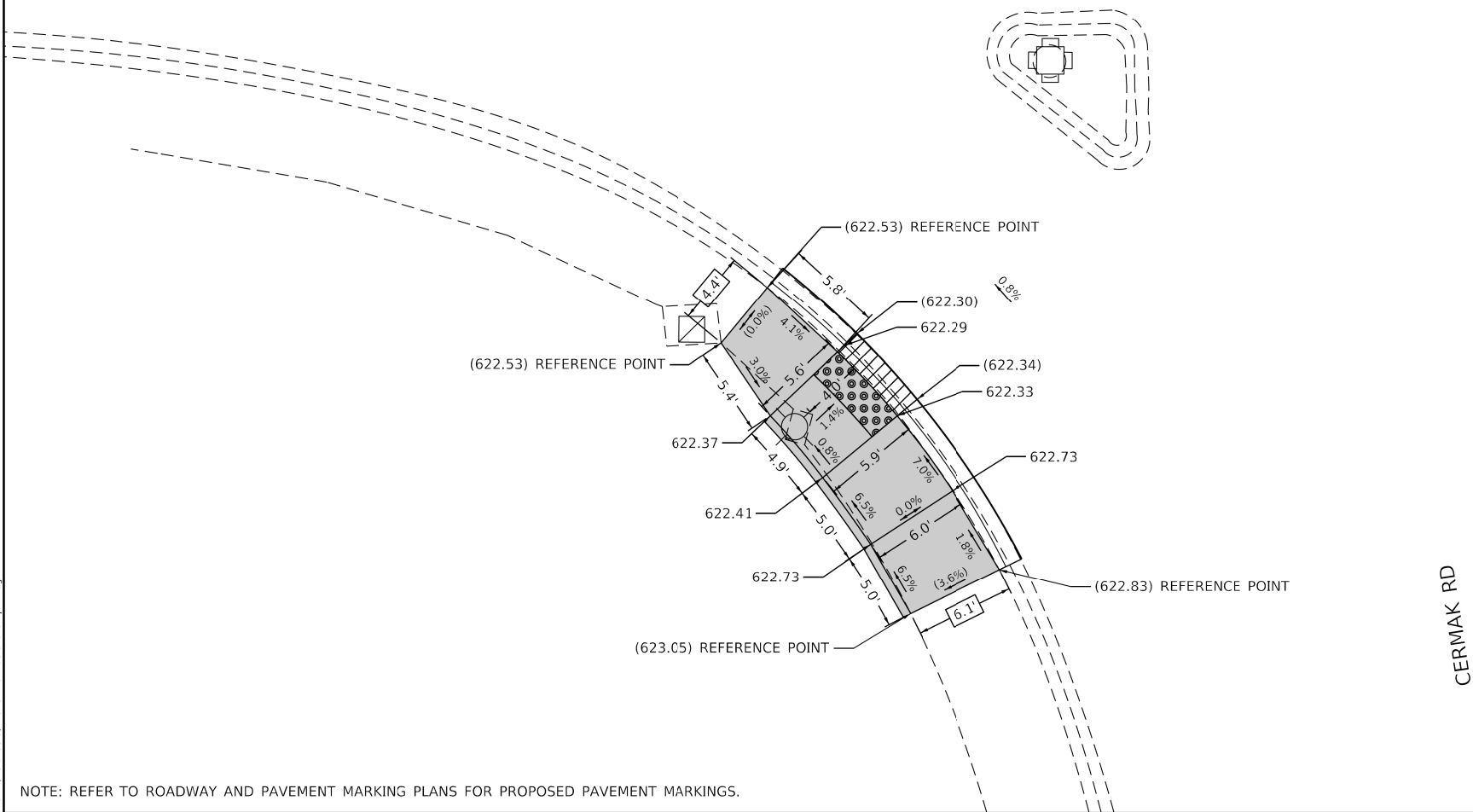
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
IL 171 (FIRST AVE) AT 23RD ST

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2018-016-RS&SW-1	COOK	142	59
CONTRACT NO. 62G47				
ILLINOIS FED. AID PROJECT				

IL 171 (FIRST AVE)



NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

REFERENCE BENCHMARK HH EL 622.95 (NOT SHOWN)
BENCHMARK: CUT SQUARE ON NE COR OF TRAFFIC CONTROL BOX
LOCATION: SE COR OF IL 171 (FIRST AVE) AND CERMAK RD

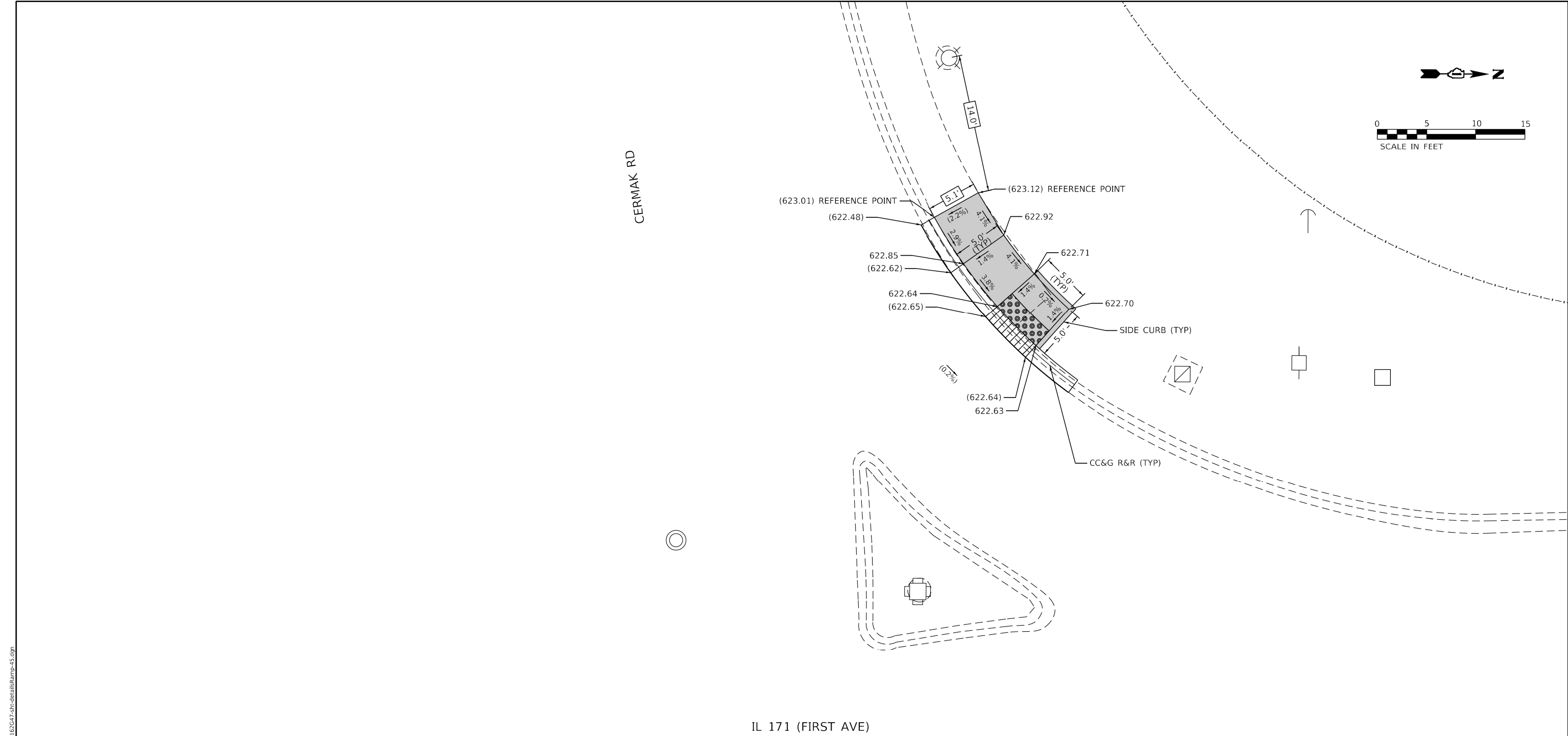
LEGEND

- XX.XX' EXISTING LENGTH
- () EXISTING ELEVATION / SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
REPLACE WITH TOPSOIL AND SOD
- DEPRESSED CURB AND GUTTER

MODEL: Default
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	USER NAME = RGalI	DESIGNED - KB/CS/MS/AN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ADA RAMP DETAILS IL 171 (FIRST AVE) AT CERMAK RD	SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - KB/CS/MS/AN	REVISED -									372	2018-016-RS&SW-1	COOK	142	61
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	PLOT DATE = 11/21/2018	DATE - 9/7/2018	REVISED -									ILLINOIS FED. AID PROJECT				

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NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

REFERENCE BENCHMARK HH EL 622.95 (NOT SHOWN)

BENCHMARK: CUT SQUARE ON NE COR OF TRAFFIC CONTROL BOX

LOCATION: SE COR OF IL 171 (FIRST AVE) AND CERMAK RD

LEGEND

XX.XX'

()

EXISTING LENGTH

EXISTING ELEVATION / SLOPE

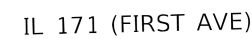
PROPOSED SIDEWALK

DETECTABLE WARNINGS

SIDEWALK REMOVAL
REPLACE WITH TOPSOIL AND SOD

DEPRESSED CURB AND GUTTER

	USER NAME = RGalI		DESIGNED - KB/CS/MS/AN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ADA RAMP DETAILS IL 171 (FIRST AVE) AT CERMAK RD			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			DRAWN - KB/CS/MS/AN	REVISED -					372	2018-016-RS&SW-1	COOK	142	62
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	PLOT DATE = 11/21/2018		DATE - 9/7/2018	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	



LOCATION: ENTRANCE TO M.M.L.H.

LEGEND

XX.XX'

EXISTING LENGTH

()

EXISTING ELEVATION / SLOPE

11

PROPOSED SIDEWALK

DETECTABLE WARNINGS

SIDEWALK REMOVAL
REPLACE WITH TOPSOIL AND SOD

REPLACE WITH TOPSOIL AND SO



DEPRESSED CURB AND GUTTER

USER NAME = RGal	DESIGNED - KB/CS/MS/AN	REVISED -
	DRAWN - KB/CS/MS/AN	REVISED -
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PLOT DATE = 11/21/2018	DATE - 9/7/2018	REVISED -

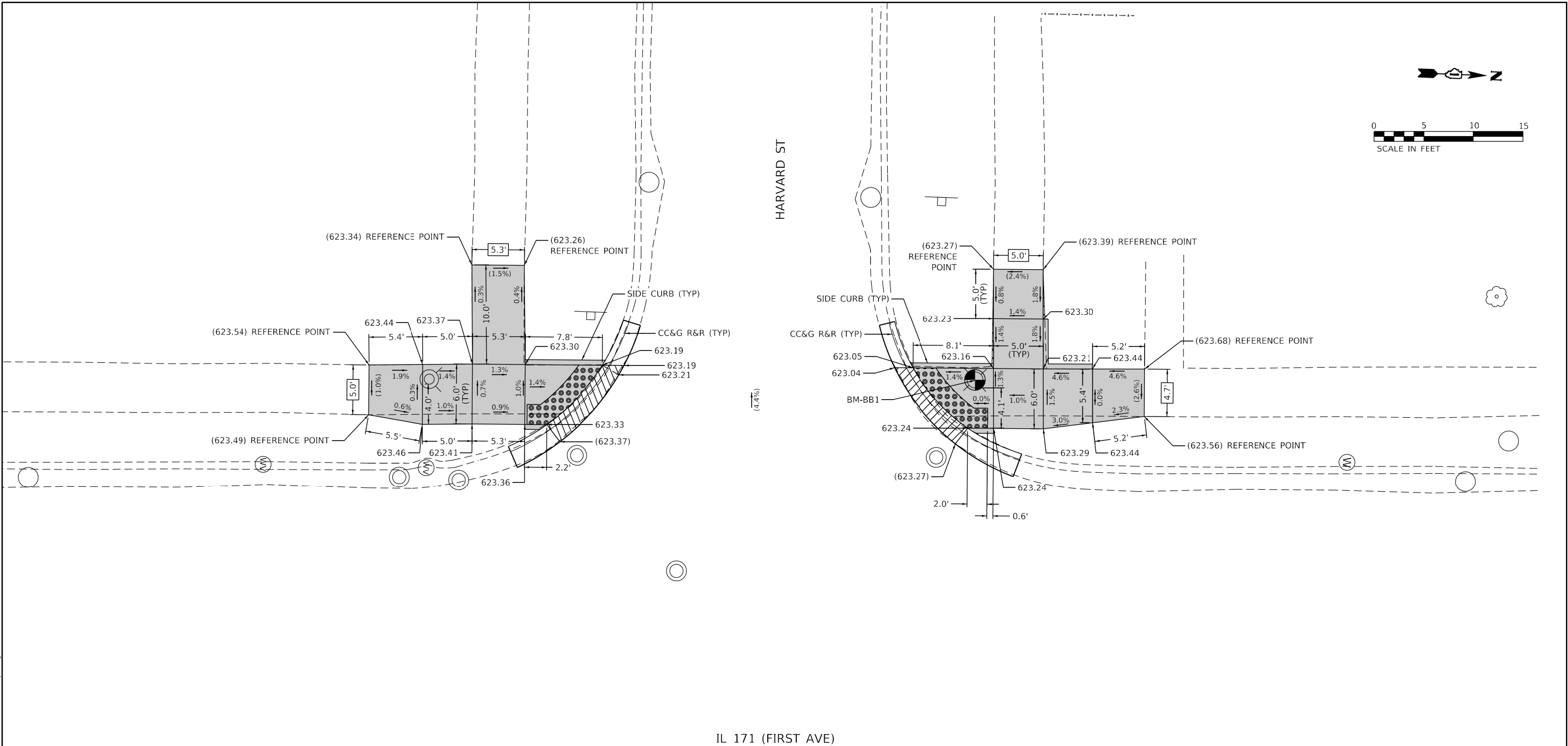
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ADA RAMP DETAILS
IL 171 (FIRST AVE) AT MILLER MEADOW BY LOYOLA HOSPITAL

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2018-016-R5&SW-1	COOK	142	63
		CONTRACT NO. 62G47		
ILLINOIS		FED. AID PROJECT		

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NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

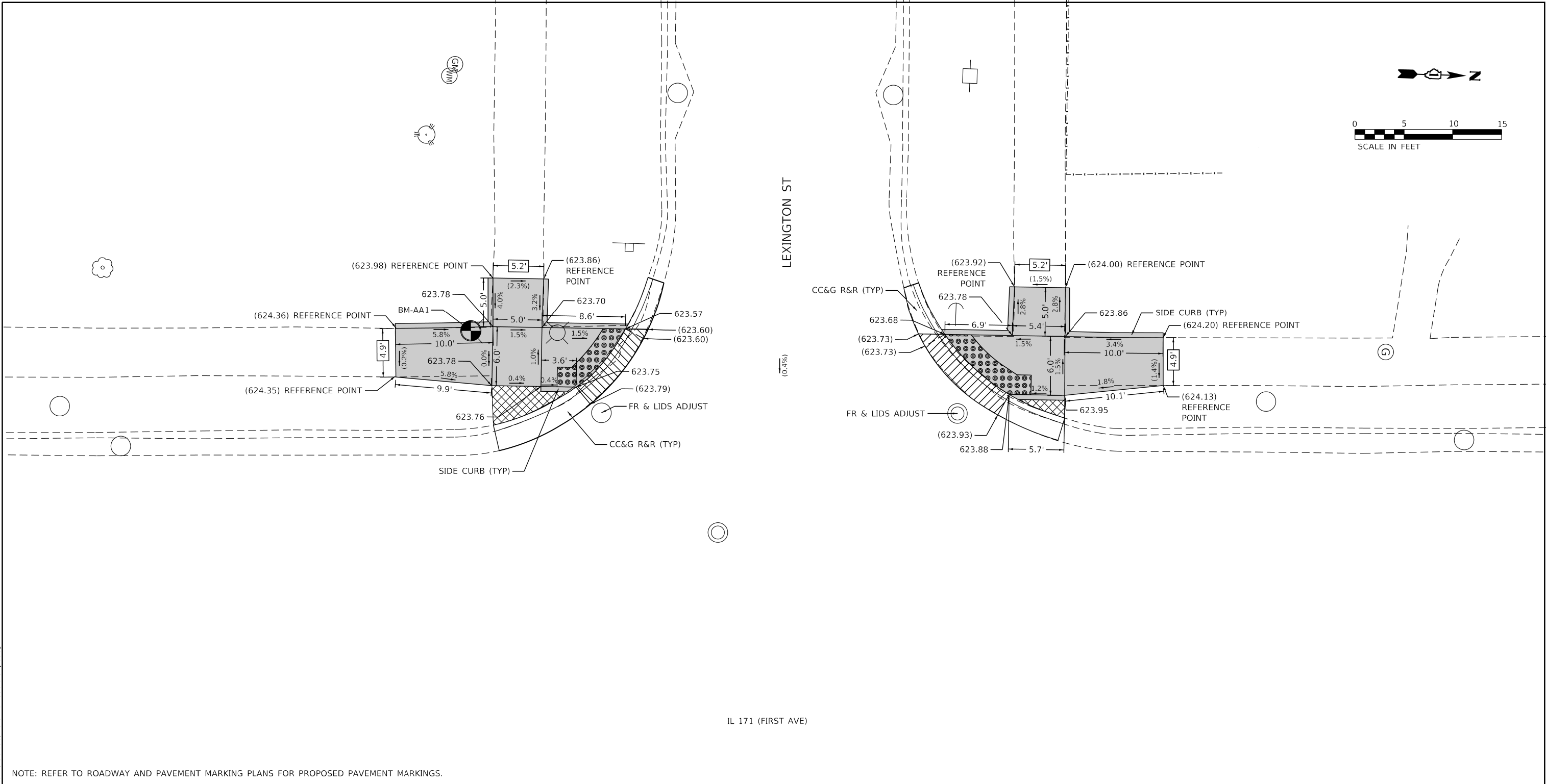
LEGEND

- XX.XX' EXISTING LENGTH
- () EXISTING ELEVATION / SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
REPLACE WITH TOPSOIL AND SOD
- DEPRESSED CURB AND GUTTER

REFERENCE BENCHMARK BB1 EL 623.38
BENCHMARK: CUT SQUARE ON E SIDE OF LP CONC BASE
LOCATION: NW COR OF IL 171 (FIRST AVE) AND HARVARD ST

	USER NAME = RGal	DESIGNED - KB/CS/MS/AN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ADA RAMP DETAILS IL 171 (FIRST AVE) AT HARVARD ST	SCALE:	SHEET OF SHEETS	STA. TO STA.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - KB/CS/MS/AN	REVISED -						372	2018-016-RS&SW-1	COOK	142	65
	PLOT SCALE = 10.0000 ' / in.	CHECKED - RG	REVISED -						CONTRACT NO. 62G47				
	PLOT DATE = 11/21/2018	DATE - 9/7/2018	REVISED -						ILLINOIS FED. AID PROJECT				

MODEL: Default
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NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

REFERENCE BENCHMARK AA1 EL 626.62
BENCHMARK: CUT CROSS ON FH NE BOLT
LOCATION: SW COR OF IL 171 (FIRST AVE) AND LEXINGTON ST

LEGEND

- XX.XX' EXISTING LENGTH
- () EXISTING ELEVATION / SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
REPLACE WITH TOPSOIL AND SOD
- DEPRESSED CURB AND GUTTER

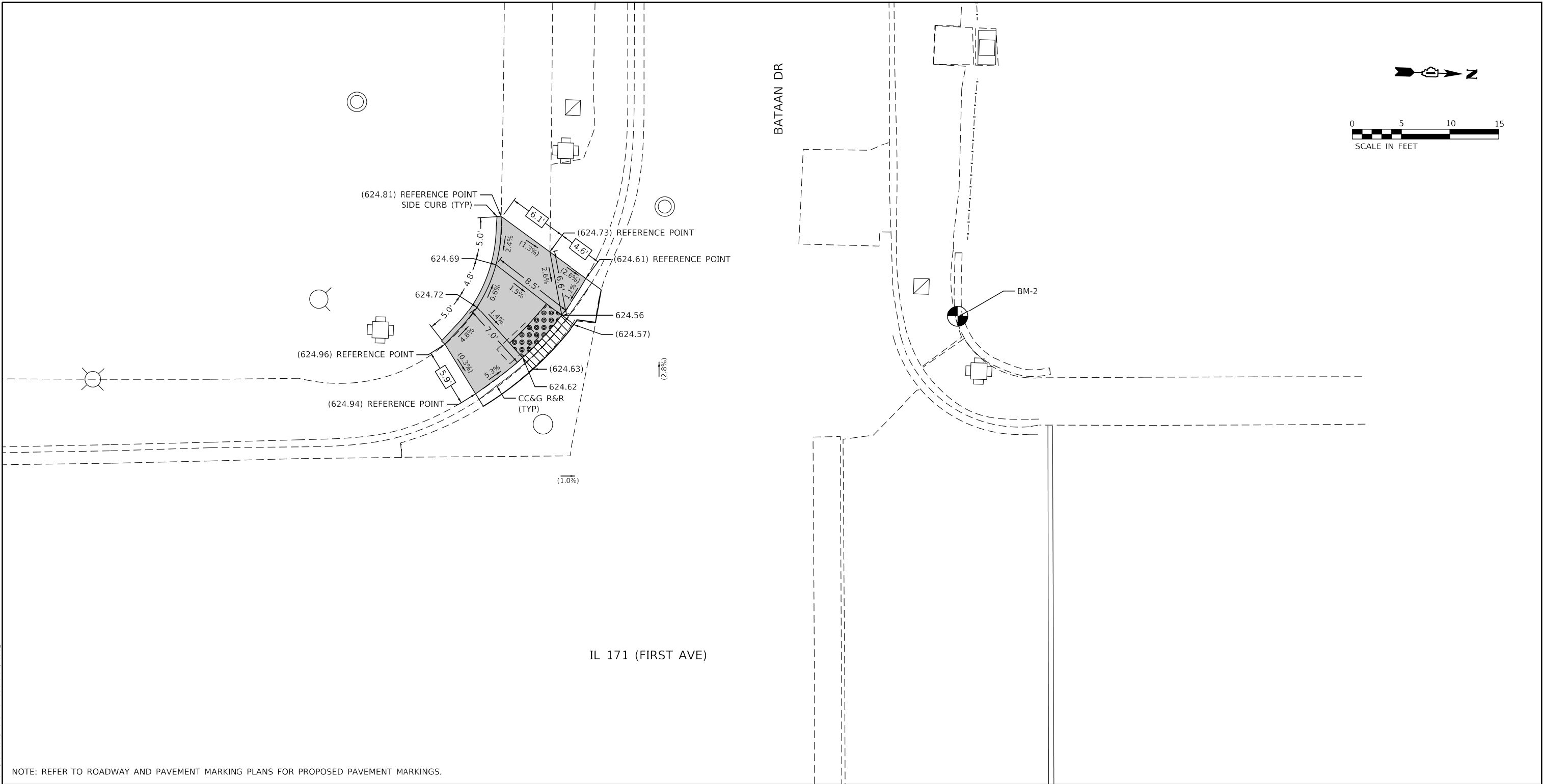
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
IL 171 (FIRST AVE) AT LEXINGTON ST

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2018-016-RS&SW-1	COOK	142	66
CONTRACT NO. 62G47				
ILLINOIS FED. AID PROJECT				

MODEL: Default
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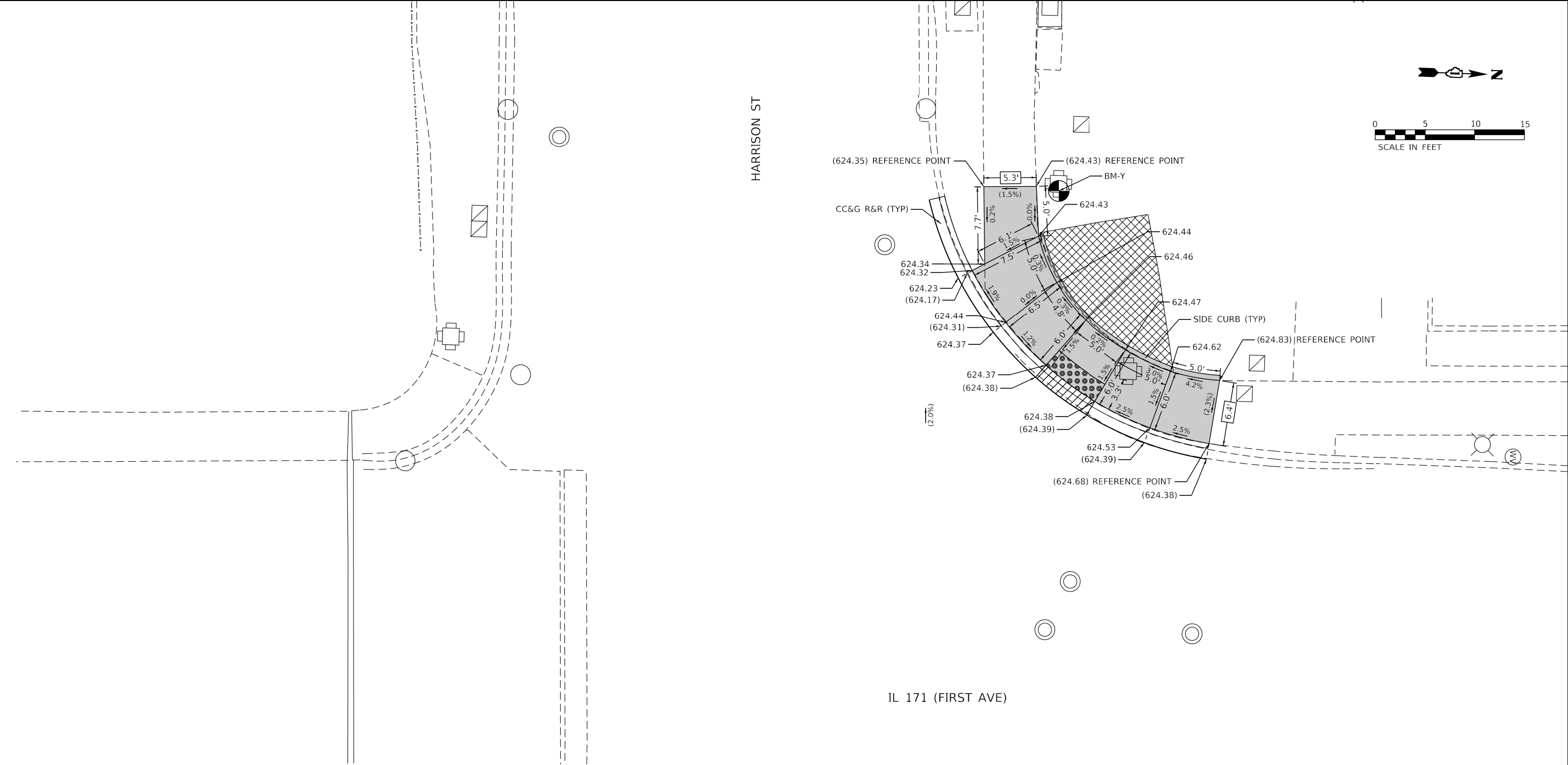
LEGEND

- XX.XX' EXISTING LENGTH
- () EXISTING ELEVATION / SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
REPLACE WITH TOPSOIL AND SOD
- DEPRESSED CURB AND GUTTER

REFERENCE BENCHMARK 2 EL 628.04
BENCHMARK: CUT SQUARE ON TOP OF WALL
LOCATION: NW COR OF IL 171 (FIRST AVE) AND BATAAN DR

	USER NAME = RGal	DESIGNED - KB/CS/MS/AN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ADA RAMP DETAILS IL 171 (FIRST AVE) AT BATAAN DR	SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 10.0000 ' / in.	DRAWN - KB/CS/MS/AN	REVISED -									372	2018-016-RS&SW-1	COOK	142	67
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		DATE - 9/7/2018	REVISED -									ILLINOIS FED. AID PROJECT				

MODEL: Default
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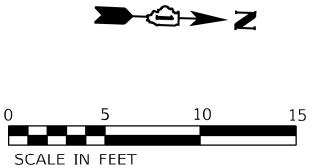
NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

LEGEND

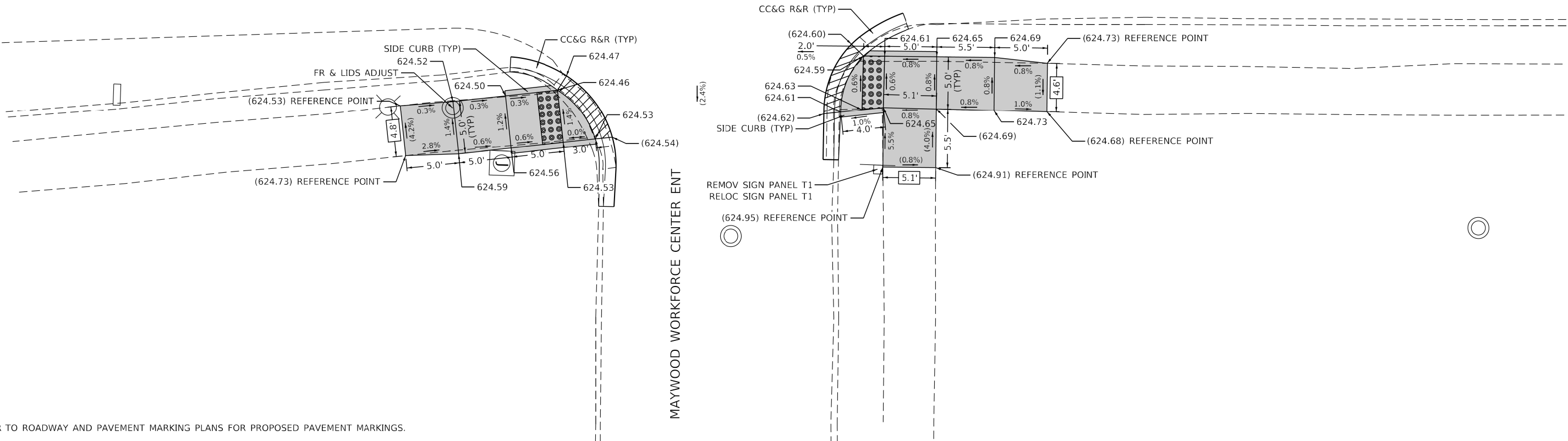
- XX.XX' EXISTING LENGTH
- () EXISTING ELEVATION / SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
REPLACE WITH TOPSOIL AND SOD
- DEPRESSED CURB AND GUTTER

REFERENCE BENCHMARK Y EL 624.82
BENCHMARK: CUT SQUARE ON SE COR OF LP CONC BASE
LOCATION: NW COR OF IL 171 (FIRS TAVE) AND HARRISON ST

	USER NAME = RGal	DESIGNED - KB/CS/MS/AN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ADA RAMP DETAILS IL 171 (FIRST AVE) AT HARRISON ST	SCALE:	SHEET OF SHEETS	STA. TO STA.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - KB/CS/MS/AN	REVISED -						372	2018-016-RS&SW-1	COOK	142	68
	PLOT SCALE = 10.0000 ' / in.	CHECKED - RG	REVISED -						CONTRACT NO. 62G47				
	PLOT DATE = 11/21/2018	DATE - 9/7/2018	REVISED -						ILLINOIS FED. AID PROJECT				



IL 171 (FIRST AVE)



NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

LEGEND

- XX.XX' EXISTING LENGTH
- () EXISTING ELEVATION / SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
REPLACE WITH TOPSOIL AND SOD
- DEPRESSED CURB AND GUTTER

REFERENCE BENCHMARK X EL 625.01 (NOT SHOWN)
BENCHMARK: SET CROSS ON NE SIDE OF LP
LOCATION: NW COR OF IL 171 (FIRST AVE) AND CONGRESS ST

MODEL: Default
FILE NAME: Z:\18039.04 DOT D1 FTE 187.006 W04 IL171 ADA Ramp\DCN\Design\Reform\Drawings\62G47-shc-detailsRamp-58.dgn

USER NAME = RGal	DESIGNED - KB/CS/MS/AN	REVISED -
	DRAWN - KB/CS/MS/AN	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - RG	REVISED -
PLOT DATE = 11/21/2018	DATE - 9/7/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

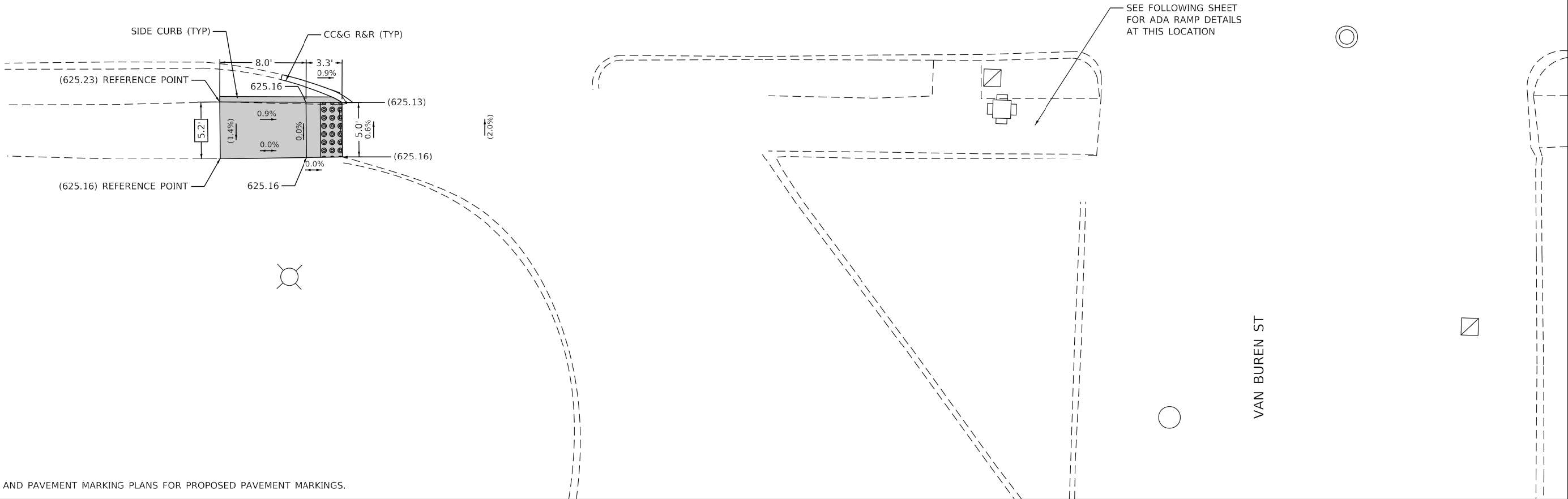
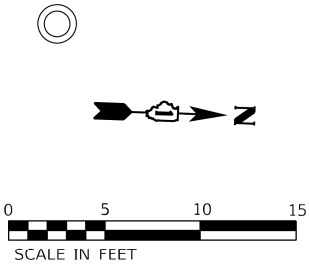
ADA RAMP DETAILS
IL 171 (FIRST AVE) AT MAYWOOD WORKFORCE CENTER ENT

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2018-016-RS&SW-1	COOK	142	69
CONTRACT NO. 62G47				
ILLINOIS FED. AID PROJECT				

MODEL: Default
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IL 171 (FIRST AVE)



LEGEND

- XX.XX' EXISTING LENGTH
- () EXISTING ELEVATION / SLOPE
- [Solid Gray Box] PROPOSED SIDEWALK
- [Grid Pattern Box] DETECTABLE WARNINGS
- [Cross-hatch Pattern Box] SIDEWALK REMOVAL
REPLACE WITH TOPSOIL AND SOD
- [Diagonal Line Pattern Box] DEPRESSED CURB AND GUTTER

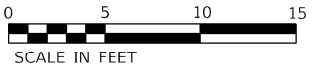
REFERENCE BENCHMARK W EL 625.44 (NOT SHOWN)
BENCHMARK: CUT CROSS ON SW SIDE OF TRAFFIC LIGHT POLE CONC BASE
LOCATION: NW COR OF IL 171 (FIRST AVE) AND VAN BUREN ST

USER NAME = RGal	DESIGNED - KB/CS/MS/AN	REVISED -
	DRAWN - KB/CS/MS/AN	REVISED -
PLOT SCALE = 10.0000 ' / in.	CHECKED - RG	REVISED -
PLOT DATE = 11/21/2018	DATE - 9/7/2018	REVISED -

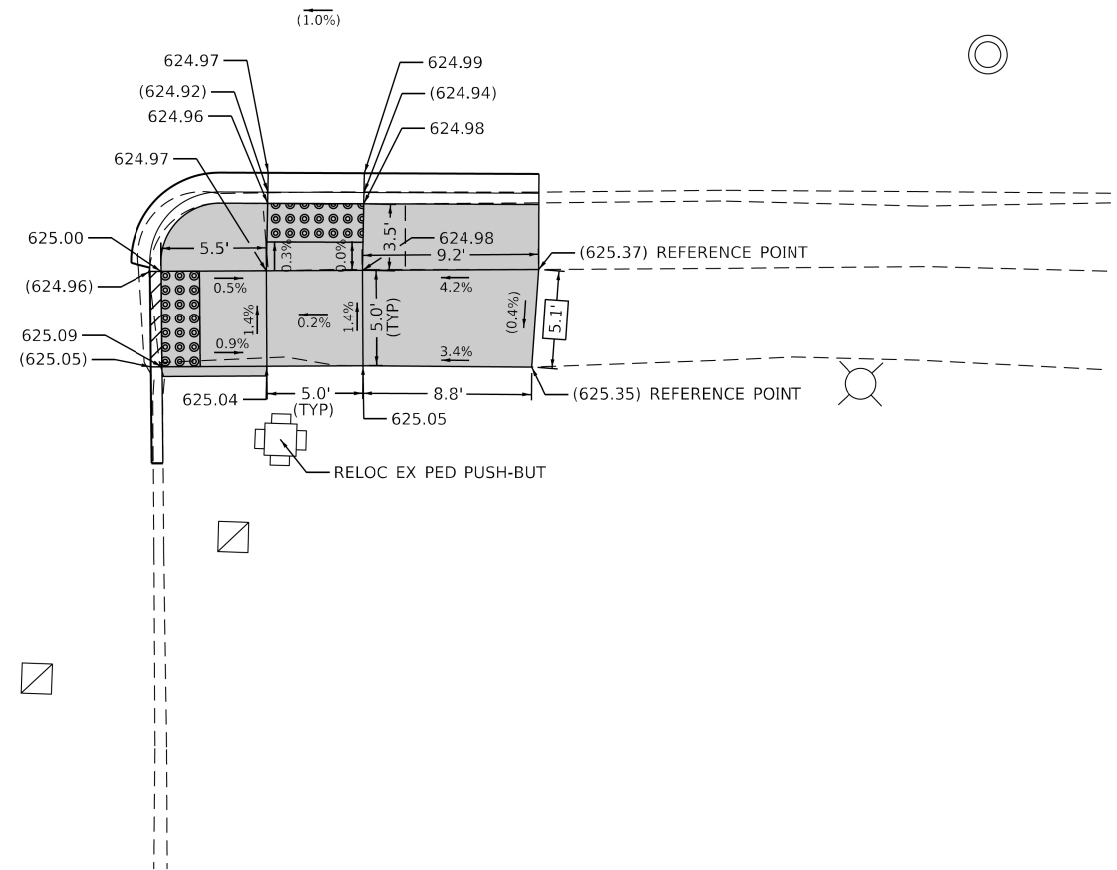
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS			
IL 171 (FIRST AVE) AT VAN BUREN ST			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2018-016-RS&SW-1	COOK	142	71
CONTRACT NO. 62G47				
ILLINOIS FED. AID PROJECT				

[illegible]

VAN BUREN ST



	EXISTING LENGTH
	EXISTING ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
	DEPRESSED CURB AND GUTTER

MODEL: Default
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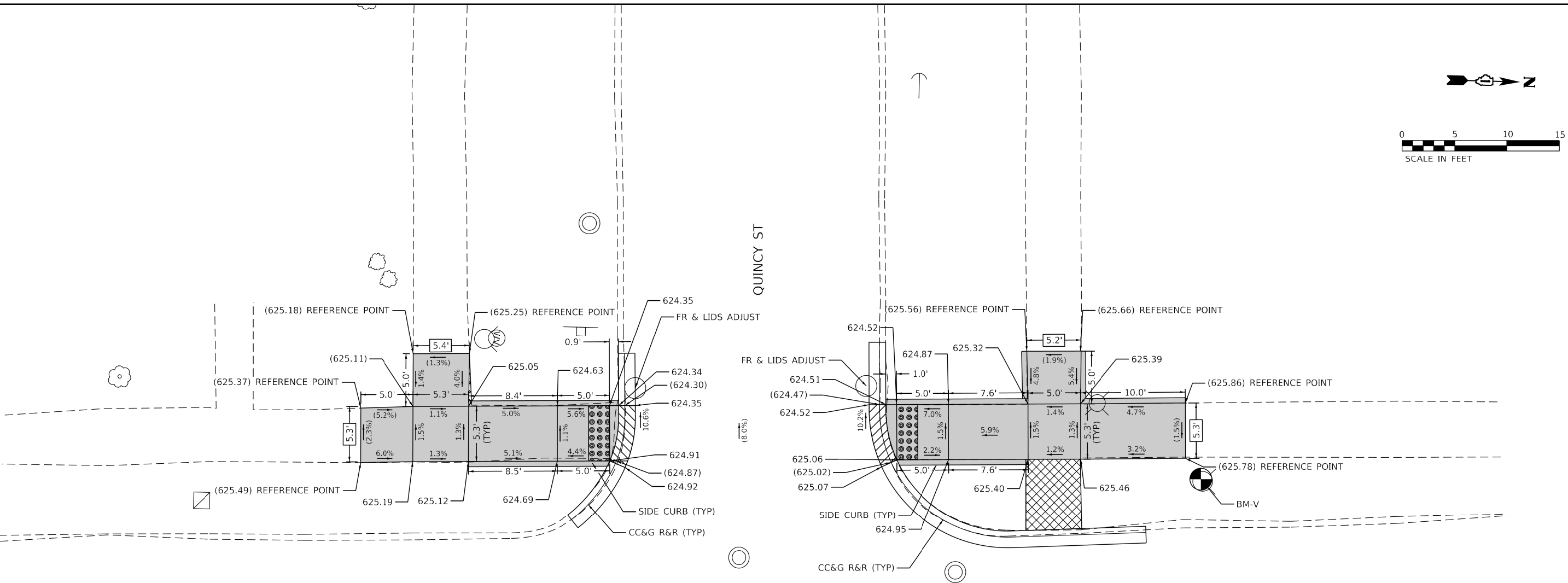
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PLOT DATE = 11/21/2018	DATE = 9/7/2018	REVISED =

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
IL 171 (FIRST AVE) AT VAN BUREN ST

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2018-016-R5&SW-1	COOK	142	72
		CONTRACT NO. 62G47		
ILLINOIS		FED. AID PROJECT		



NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

XX.XX'

()

EXISTING LENGTH

EXISTING ELEVATION / SLOPE

PROPOSED SIDEWALK

DETECTABLE WARNINGS

SIDEWALK REMOVAL
REPLACE WITH TOPSOIL AND SOD

DEPRESSED CURB AND GUTTER

REFERENCE BENCHMARK V EL 627.25

BENCHMARK: CUT CROSS ON SW BOLT OF FH

LOCATION: NW COR OF IL 171 (FIRST AVE) AND QUINCY ST

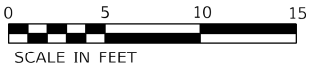
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PLOT DATE = 11/21/2018	DATE - 9/7/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS			
IL 171 (FIRST AVE) AT QUINCY ST			
SCALE:	SHEET	OF	SHEETS
STA.	TO	STA.	TO

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2018-016-RS&SW-1	COOK	142	74
CONTRACT NO. 62G47				
ILLINOIS FED. AID PROJECT				



	EXISTING LENGTH
	EXISTING ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
	DEPRESSED CURB AND GUTTER

REFERENCE BENCHMARK T EL 627.64 (NOT SHOWN)
BENCHMARK: CUT SQUARE ON E SIDE OF LP BOLT
LOCATION: NW COR IL 171 (FIRST AVE) AND WILCOX ST

DESIGNED	-	KB/CS/MS/AN
DRAWN	-	KB/CS/MS/AN
CHECKED	-	RG
DATE	-	9/7/2018

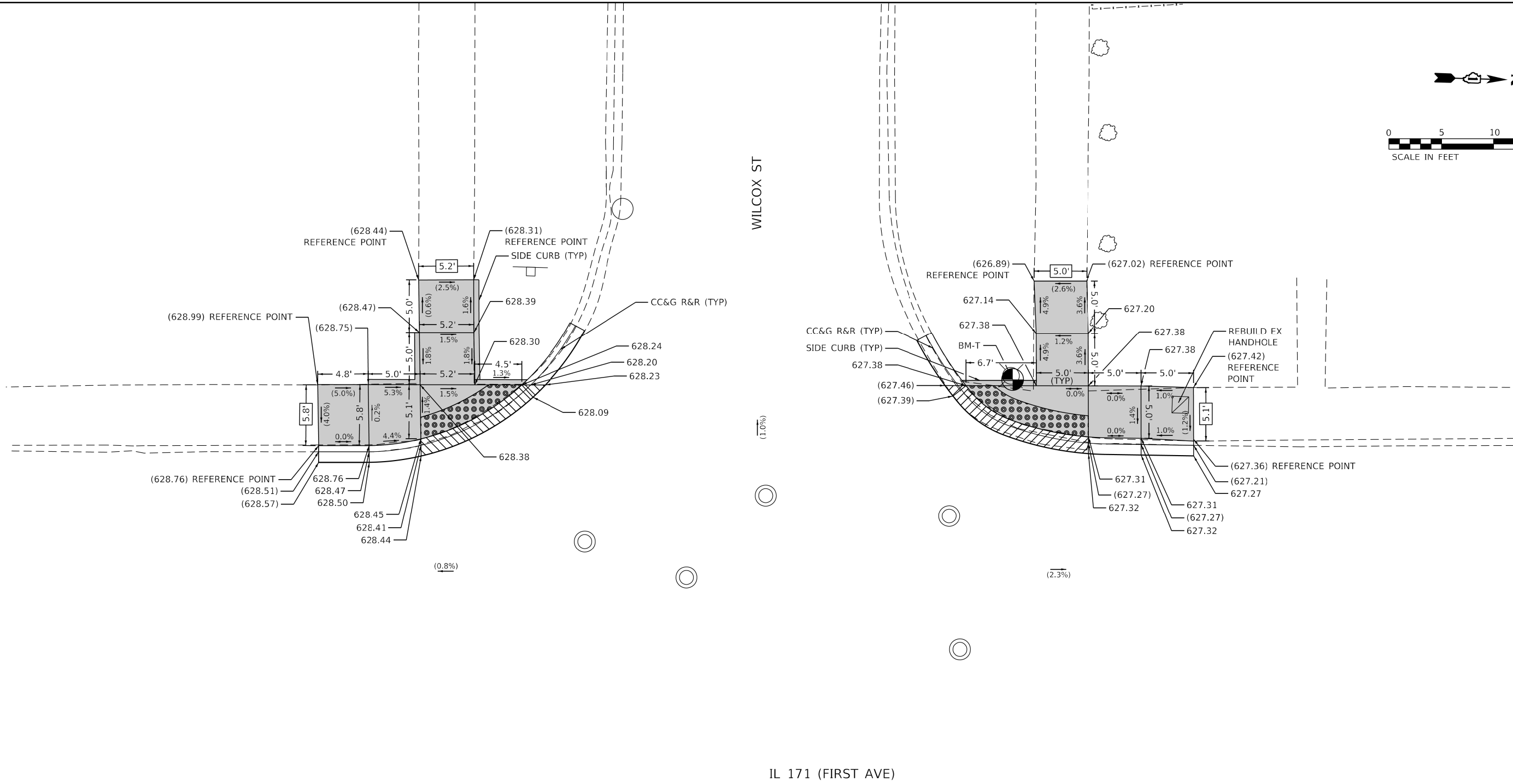
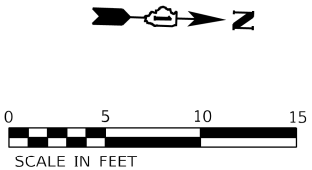
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ADA RAMP DETAILS
IL 171 (FIRST AVE) AT WILCOX ST

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2018-016-R5&SW-1	COOK	142	75
		CONTRACT NO. 62G47		
ILLINOIS		FED. AID PROJECT		

MODEL: Default
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NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

LEGEND

- XX.XX' EXISTING LENGTH
- () EXISTING ELEVATION / SLOPE
- [Solid Gray Box] PROPOSED SIDEWALK
- [Dotted Box] DETECTABLE WARNINGS
- [Cross-hatched Box] SIDEWALK REMOVAL
REPLACE WITH TOPSOIL AND SOD
- [Diagonal Lines Box] DEPRESSED CURB AND GUTTER

REFERENCE BENCHMARK T EL 627.64
BENCHMARK: CUT SQUARE ON E SIDE OF LP BOLT
LOCATION: NW COR IL 171 (FIRST AVE) AND WILCOX ST

MODEL: Default
FILE NAME: Z:\03039.04 DOT D1 PFB 187-006 W04 IL171 ADA Ramps\DCN\Design\Reform\Drawings\62G47-shc-detailRamp-66.dgn

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PLOT DATE = 11/21/2018	DATE - 9/7/2018	REVISED -

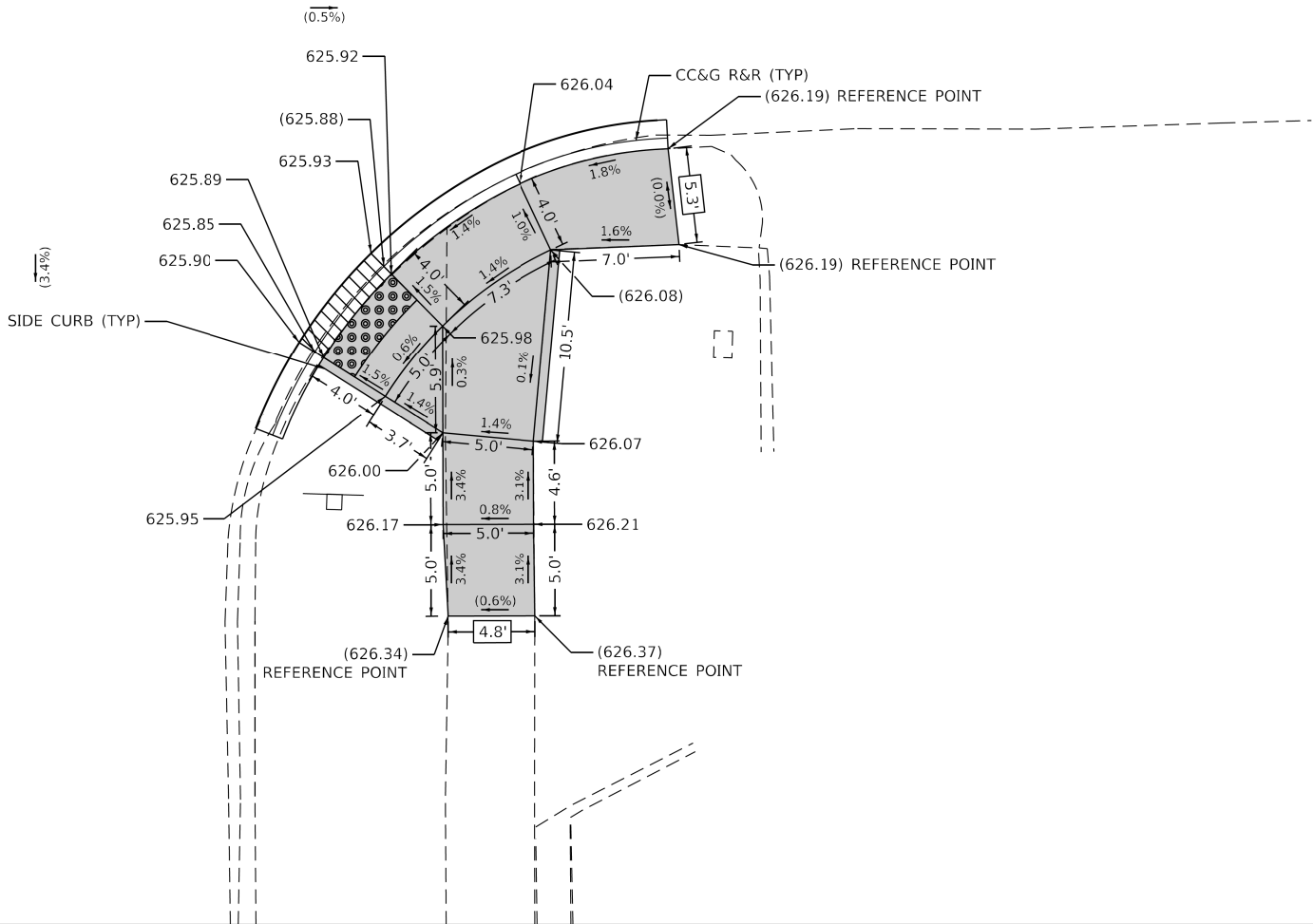
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
IL 171 (FIRST AVE) AT WILCOX ST

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2018-016-RS&SW-1	COOK	142	76
CONTRACT NO. 62G47				
ILLINOIS FED. AID PROJECT				

IL 171 (FIRST AVE)



LEGION ST

NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

REFERENCE BENCHMARK S EL 626.82 (NOT SHOWN)

BENCHMARK: SQUARE ON E SIDE OF LP BASE

LOCATION: S COR IL 171 (FIRST AVE) AND LEGION ST

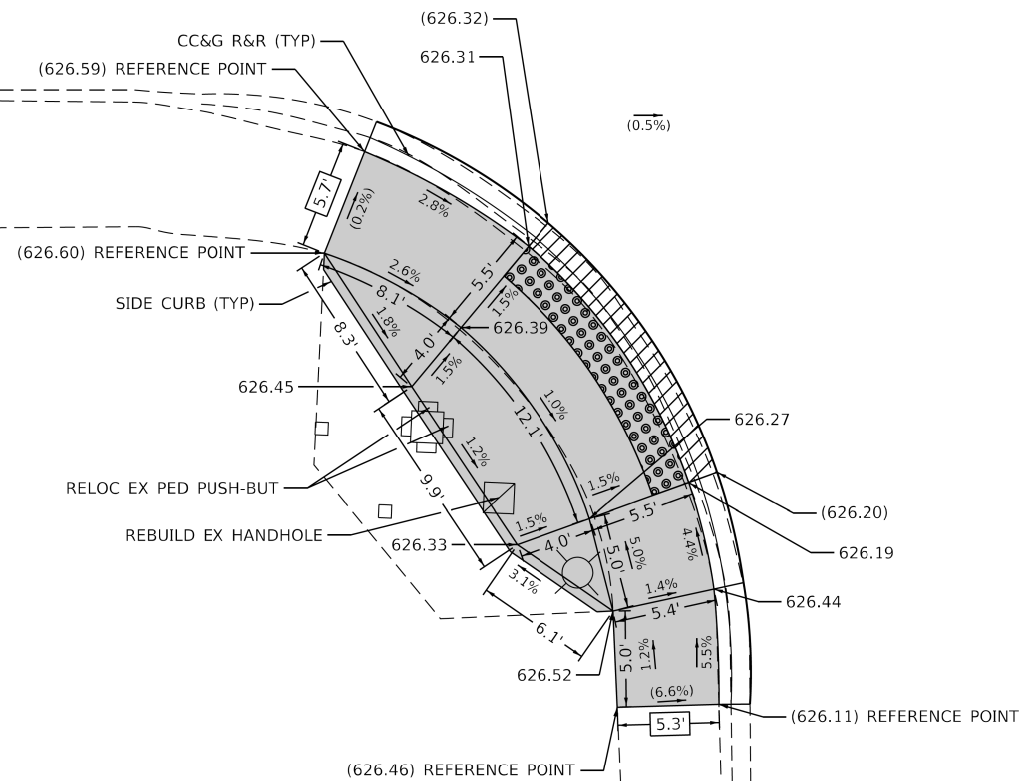
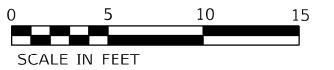
LEGEND

- XX.XX' EXISTING LENGTH
- () EXISTING ELEVATION / SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
REPLACE WITH TOPSOIL AND SOD
- DEPRESSED CURB AND GUTTER

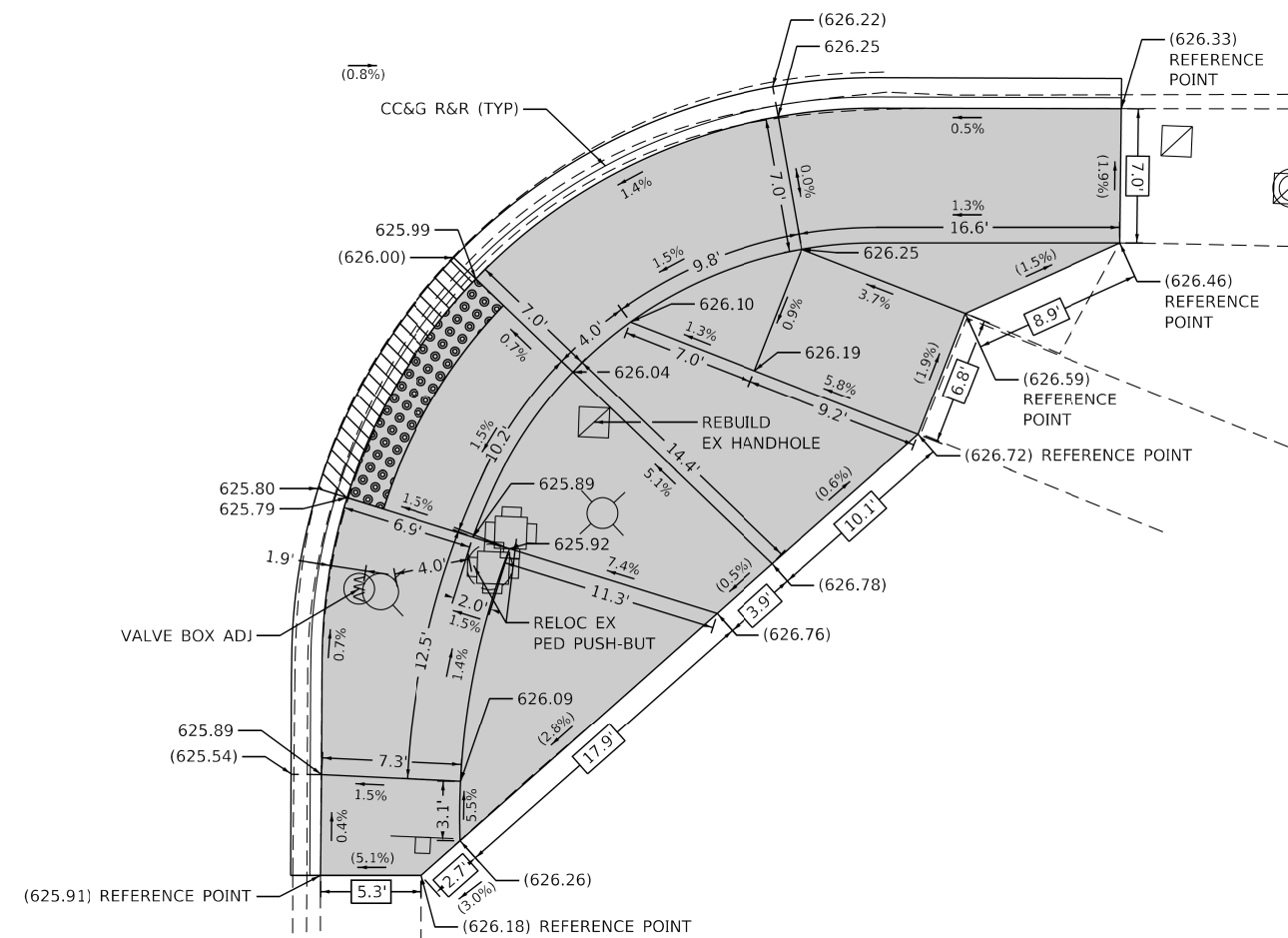
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	USER NAME = RGalI	DESIGNED - KB/CS/MS/AN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ADA RAMP DETAILS IL 171 (FIRST AVE) AT LEGION ST		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 10.0000 ' / in.	DRAWN - KB/CS/MS/AN	REVISED -				372	2018-016-RS&SW-1	COOK	142	77
	PLOT DATE = 11/21/2018	CHECKED - RG	REVISED -		CONTRACT NO. 62G47						
		DATE - 9/7/2018	REVISED -		SCALE:	SHEET OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

IL 171 (FIRST AVE)



MADISON ST



NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

LEGEND

	EXISTING LENGTH
	EXISTING ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
	DEPRESSED CURB AND GUTTER

REFERENCE BENCHMARK Q EL 628.83 (NOT SHOWN)

BENCHMARK: SET CUT SQUARE ON SE TOP OF CONC BALLARD

LOCATION: NW COR IL 171 (FIRST AVE) AND MADISON ST

USER NAME = RGal	DESIGNED - KB/CS/MS/AN	REVISED -
	DRAWN - KB/CS/MS/AN	REVISED -
PLOT SCALE = 10.0000 "/h.	CHECKED - RG	REVISED -
PLOT DATE = 11/21/2018	DATE - 9/7/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ADA RAMP DETAILS
IL 171 (FIRST AVE) AT MADISON ST

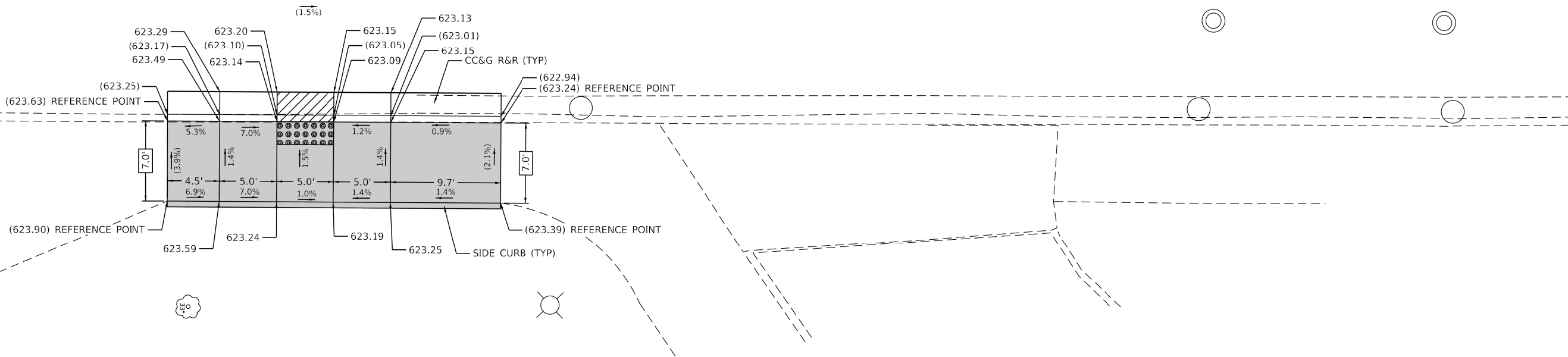
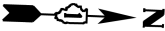
SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2018-016-R5&SW-1	COOK	142	80
		CONTRACT NO. 62G47		
ILLINOIS		FED. AID PROJECT		

MODEL: Default
FILE NAME: Z:\180309.04 IDOT D1 PTB 187-006 W04 IL171 ADA Ramps\DGNDesign\Prelim\Plotsheets\162G47-shr-detailsRamp-70.dgn



IL 171 (FIRST AVE)



NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

REFERENCE BENCHMARK P EL 624.45 (NOT SHOWN)

BENCHMAR<: SET CUT SQUARE ON E SIDE OF LP CONC BASE

LOCATION: SW COR IL 171 (FIRST AVE) AND SCHOOL ST

LEGEND

XX.XX'

EXISTING LENGTH

()

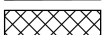
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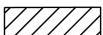
PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL
REPLACE WITH TOPSOIL AND SOD



DEPRESSED CURB AND GUTTER

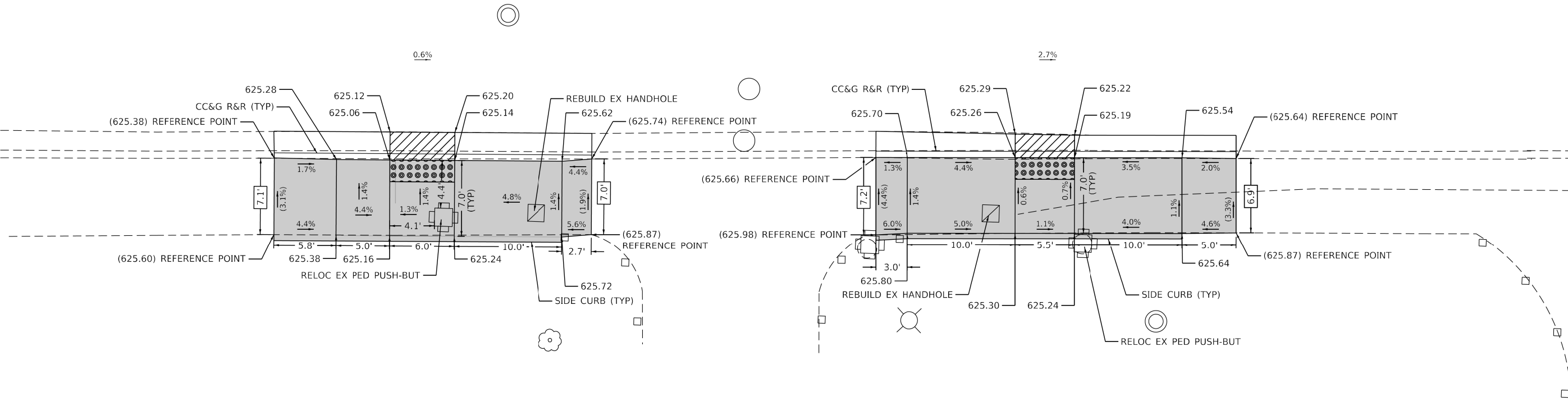
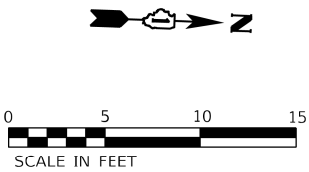
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
IL 171 (FIRST AVE) AT SCHOOL ST

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2018-016-R5&SW-1	COOK	142	82
CONTRACT NO. 62G47				
ILLINOIS FED. AID PROJECT				

IL 171 (FIRST AVE)



NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

LEGEND

- XX.XX' EXISTING LENGTH
- () EXISTING ELEVATION / SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
REPLACE WITH TOPSOIL AND SOD
- DEPRESSED CURB AND GUTTER

REFERENCE BENCHMARK O EL 626.57 (NOT SHOWN)
BENCHMARK: SET CUT SQUARE NE COR OF TSCB CONC PAD
LOCATION: NW COR IL 171 (FIRST AVE) AND WARREN ST

MODEL: Default
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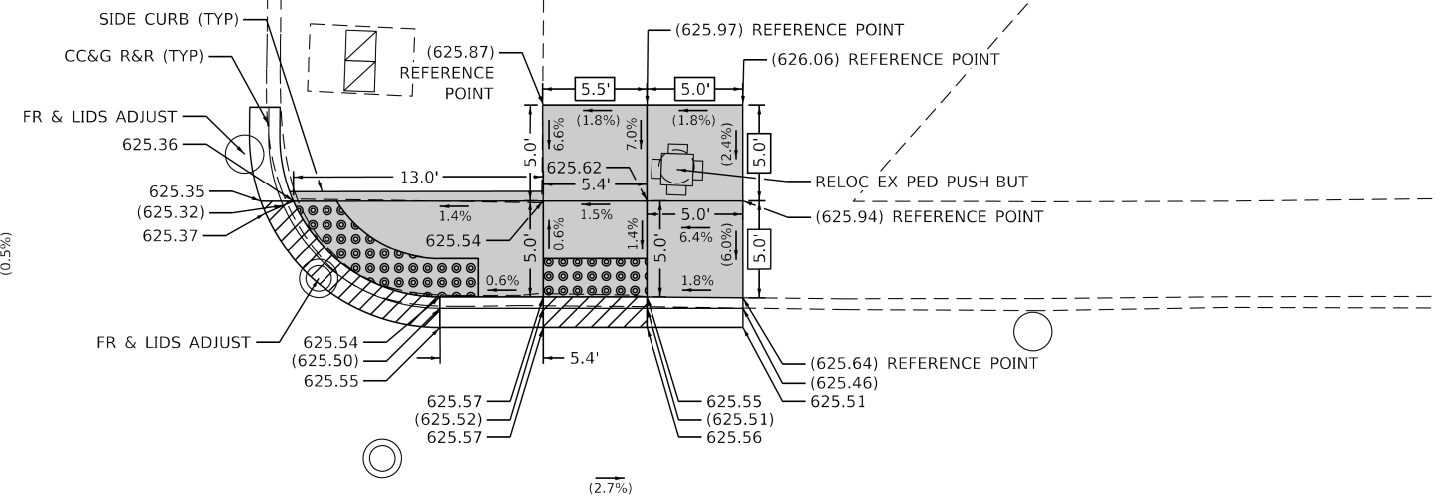
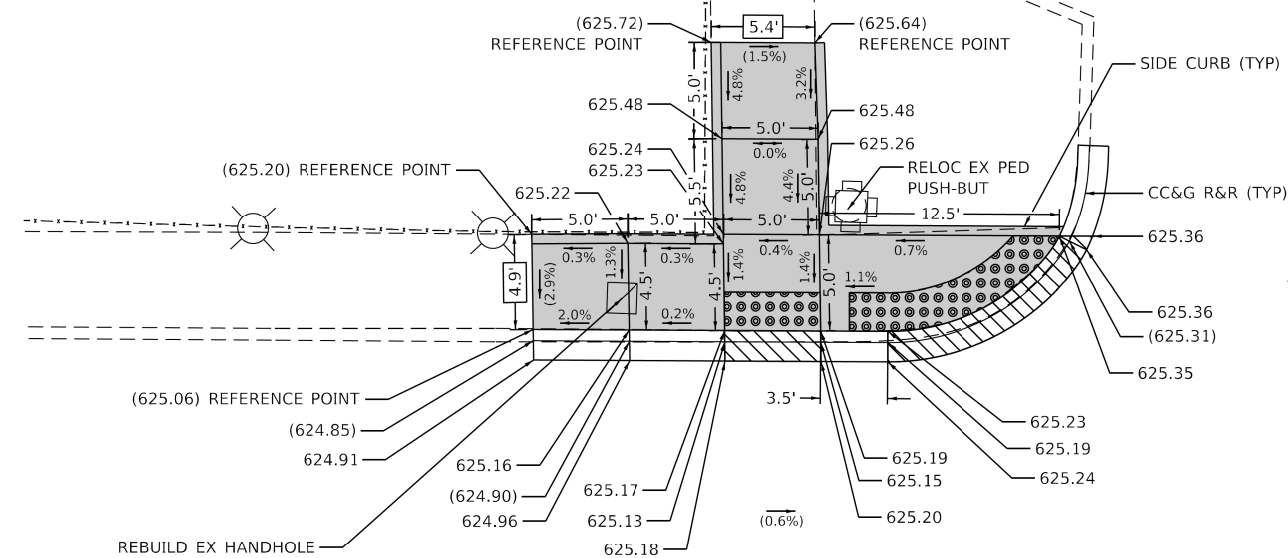
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PLOT DATE = 11/21/2018	DATE - 9/7/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
IL 171 (FIRST AVE) AT WARREN ST

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2018-016-RS&SW-1	COOK	142	84
CONTRACT NO. 62G47				
ILLINOIS FED. AID PROJECT				



IL 171 (FIRST AVE)

NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

LEGEND

	EXISTING LENGTH
	EXISTING ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
	DEPRESSED CURB AND GUTTER

REFERENCE BENCHMARK O EL 626.57

BENCHMARK: SET CUT SQUARE NE COR OF TSCB CONC PAD

LOCATION: NW COR IL 171 (FIRST AVE) AND WARREN ST

USER NAME = RGalI	DESIGNED - KB/CS/MS/AN
	DRAWN - KB/CS/MS/AN
PLOT SCALE = 10.0000' / in.	CHECKED - RG
PLOT DATE = 11/21/2018	DATE - 9/7/2018

DESIGNED -	KB/CS/MS/AN	REVISED -
DRAWN -	KB/CS/MS/AN	REVISED -
CHECKED -	RG	REVISED -
DATE -	9/7/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

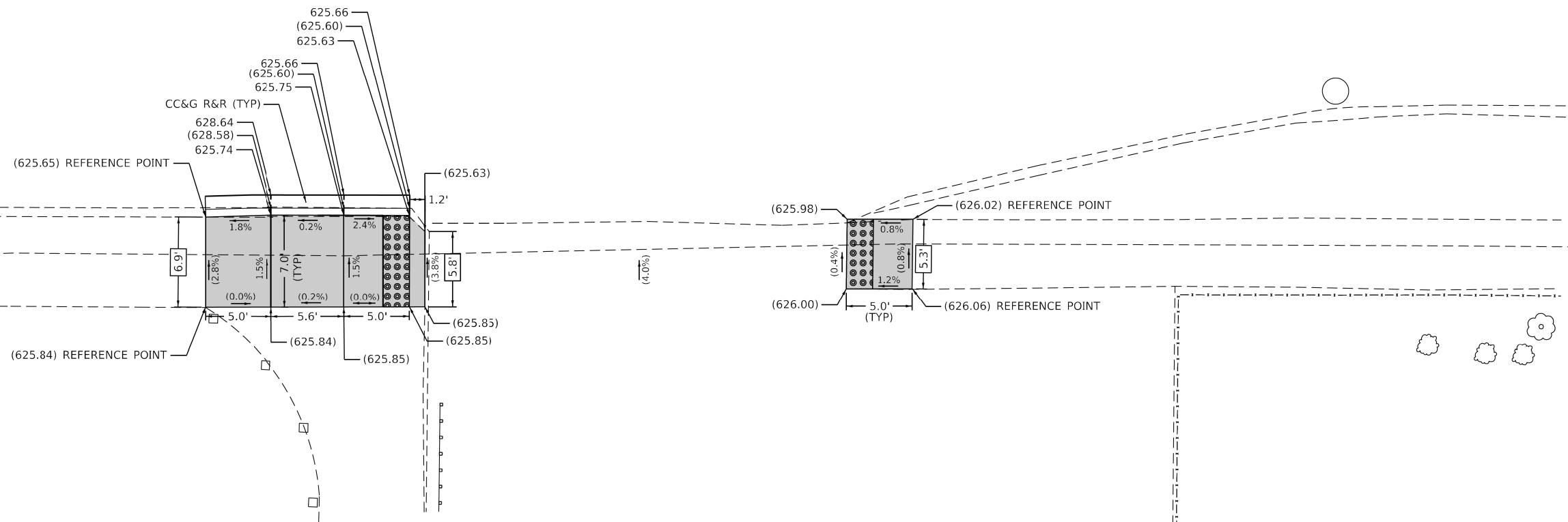
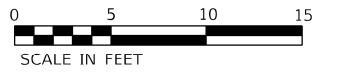
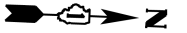
ADA RAMP DETAILS
IL 171 (FIRST AVE) AT WARREN ST

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2018-016-R5&SW-1	COOK	142	85
		CONTRACT NO. 62G47		
ILLINOIS		FED. AID PROJECT		

MODEL: Default
FILE NAME: Z:\18039.04 IDOT D1 PTB 187-006 W04 IL171 ADA Ramps\Design\Prelim\Plotsheets\ID162G47-sht-detailsRamp-75.dgn

IL 171 (FIRST AVE)



NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

REFERENCE BENCHMARK O EL 626.57 (NOT SHOWN)

BENCHMARK: CUT SQUARE ON NE COR OF TSCB CONC PAD

LOCATION: NW COR OF IL 171 (FIRST AVE) AND WARREN ST

LEGEND

XX.XX'

EXISTING LENGTH

()

EXISTING ELEVATION / SLOPE

PROPOSED SIDEWALK

DETECTABLE WARNINGS

SIDEWALK REMOVAL
REPLACE WITH TOPSOIL AND SOD

DEPRESSED CURB AND GUTTER

USER NAME = RCall	DESIGNED - KB/CS/MS/AN	REVISED -
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PLOT DATE = 11/21/2018	DATE - 9/7/2018	REVISED -

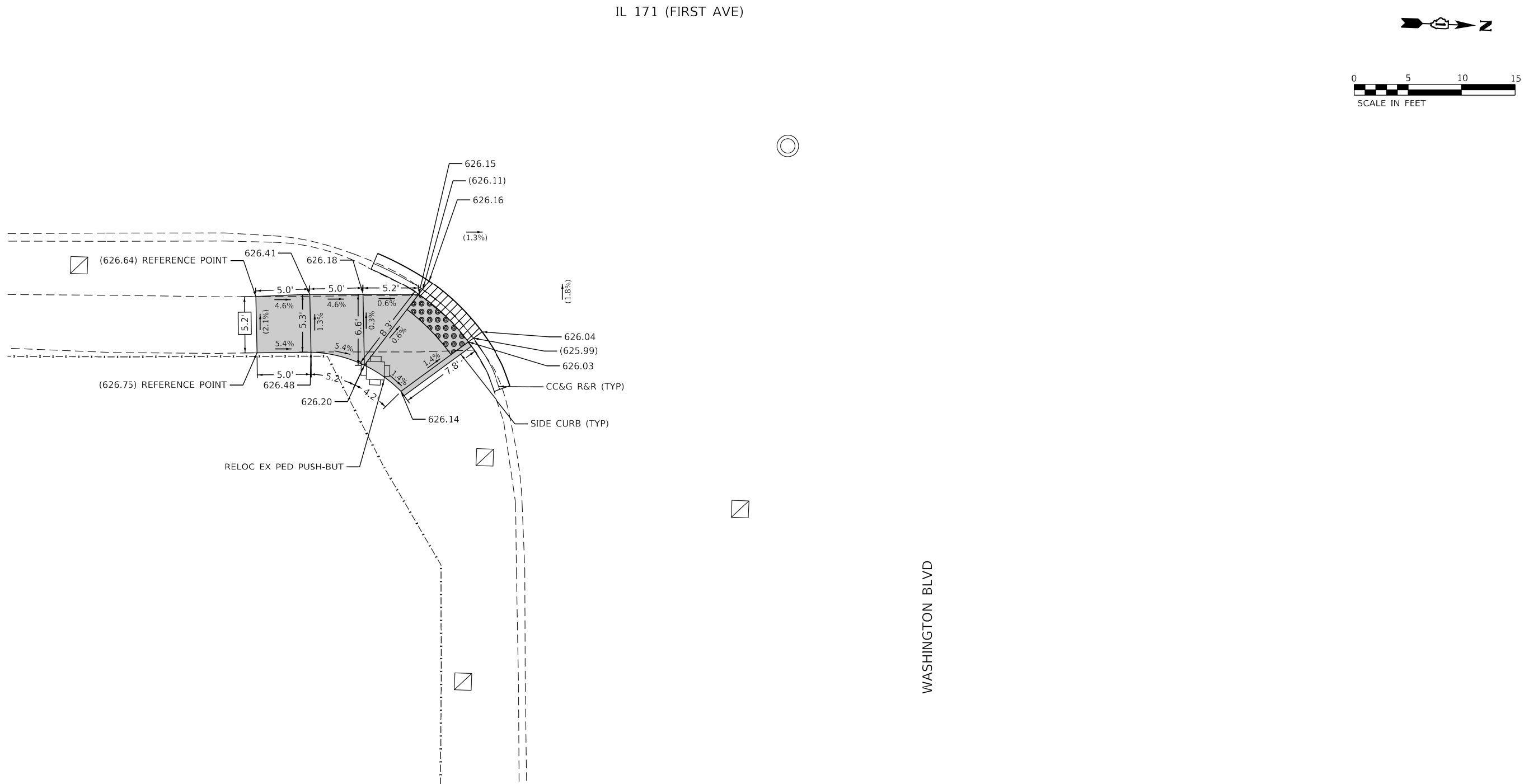
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
IL 171 (FIRST AVE) AT PROVISIO EAST HS ENTRANCE

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2018-016-R5&SW-1	COOK	142	86
		CONTRACT NO. 62G47		
ILLINOIS		FED. AID PROJECT		

MODEL: Default
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NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

REFERENCE BENCHMARK N EL 627.00 (NOT SHOWN)
BENCHMARK: CUT SQUARE ON SW COR OF TSCB CONC BASE
LOCATION: SW COR OF IL 171 (FIRST AVE) AND WASHINGTON BLVD

LEGEND

- XX.XX' EXISTING LENGTH
- () EXISTING ELEVATION / SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
REPLACE WITH TOPSOIL AND SOD
- DEPRESSED CURB AND GUTTER

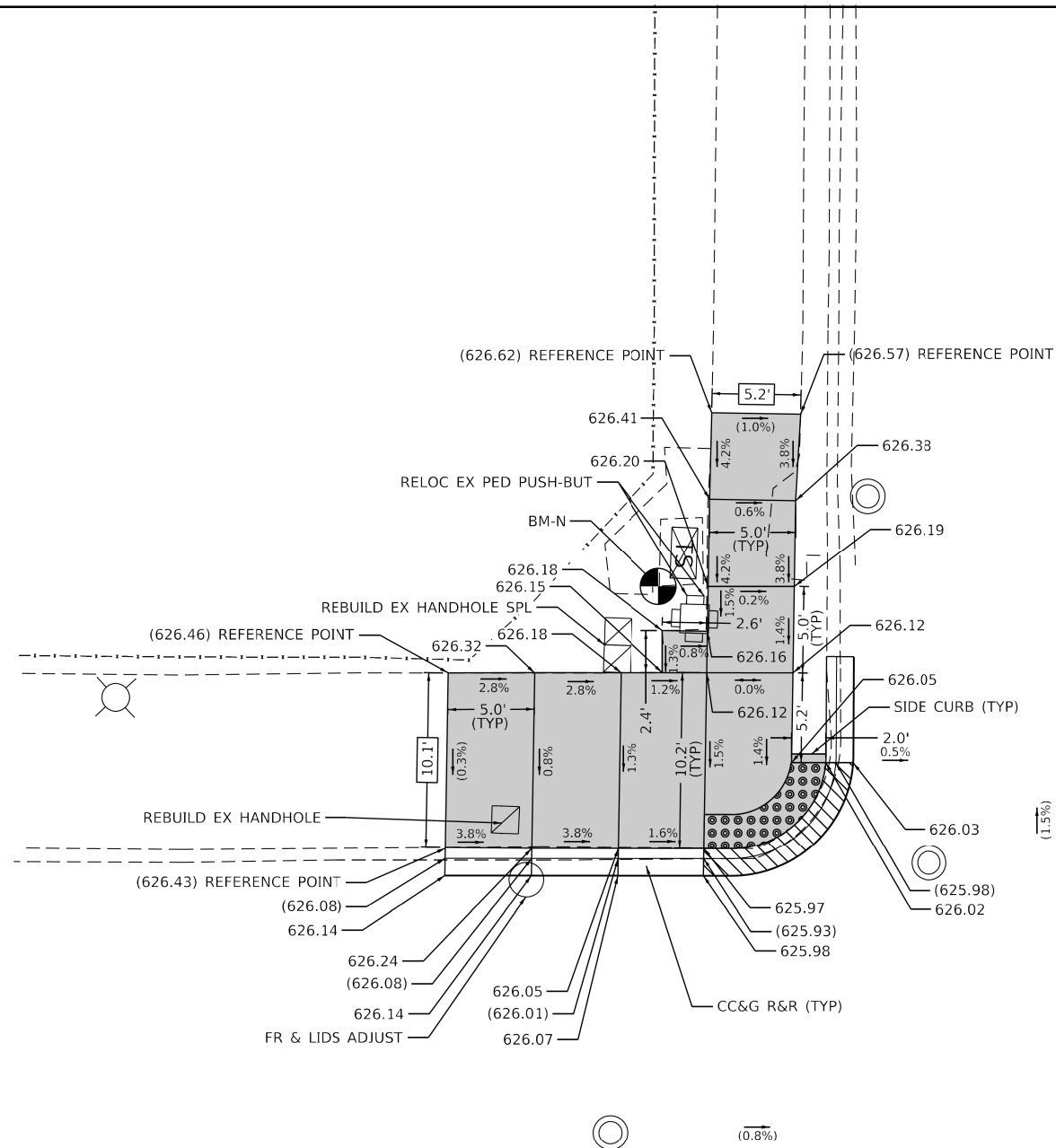
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	PLOT DATE = 11/21/2018	DATE - 9/7/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

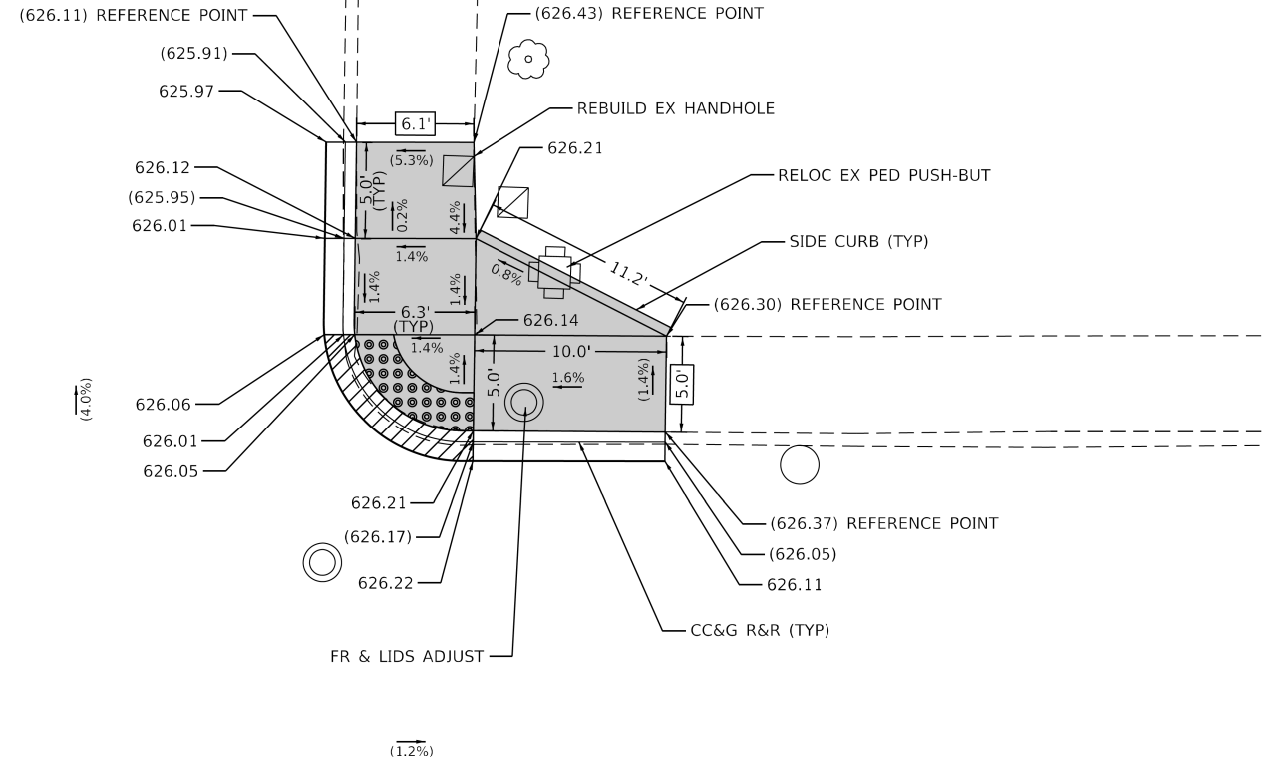
ADA RAMP DETAILS			
IL 171 (FIRST AVE) AT WASHINGTON BLVD			
SCALE:	SHEET	OF	SHEETS
		STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2018-016-RS&SW-1	COOK	142	87
CONTRACT NO. 62G47				
ILLINOIS FED. AID PROJECT				

MODEL: Default
FILE NAME: Z:\18039.04 DOT D1 FTE 187.006 W04 IL171 ADA Ramp\DCN\Design\Reim\Details\62G47-shc-detail\Bamp-78.dgn



WASHINGTON BLVD



IL 171 (FIRST AVE)

NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

REFERENCE BENCHMARK N EL 627.00

BENCHMARK: CUT SQUARE ON SW COR OF TSCB CONC BASE

LOCATION: SW COR OF IL 171 (FIRST AVE) AND WASHINGTON BLVD

LEGEND

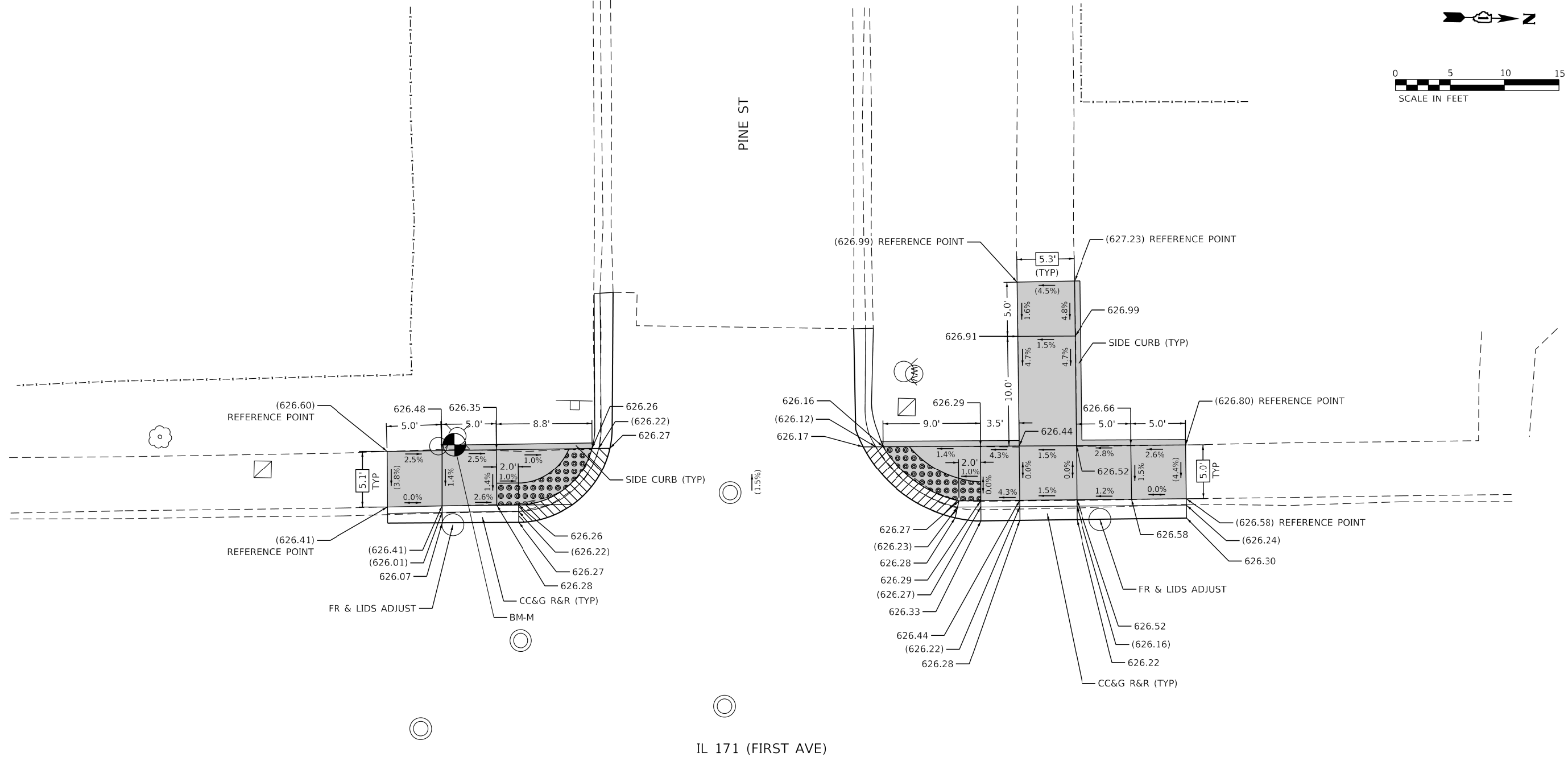
- XX.XX' EXISTING LENGTH
- () EXISTING ELEVATION / SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
REPLACE WITH TOPSOIL AND SOD
- DEPRESSED CURB AND GUTTER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
IL 171 (FIRST AVE) AT WASHINGTON BLVD

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2018-016-RS&SW-1	COOK	142	88
CONTRACT NO. 62G47				
ILLINOIS FED. AID PROJECT				



NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

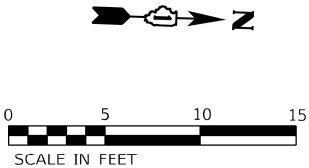
REFERENCE BENCHMARK M EL 626.67
BENCHMARK: SET SQUARE ON E SIDE OF LP CONC BASE
LOCATION: SW COR IL 171 (FIRST AVE) AND PINE ST

LEGEND

- XX.XX' EXISTING LENGTH
- () EXISTING ELEVATION / SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
REPLACE WITH TOPSOIL AND SOD
- DEPRESSED CURB AND GUTTER

MODEL: Default
FILE NAME: Z:\18039.04 DOT D1 PFE 187-006 W04 IL171 ADA Ramps\DCN\Design\ReDim\ReDimSheetD162G47-shc-detail@ramp-79.dgn

	USER NAME = RGalI	DESIGNED - KB/CS/MS/AN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ADA RAMP DETAILS IL 171 (FIRST AVE) AT PINE ST				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - KB/CS/MS/AN	REVISED -						372	2018-016-R5&SW-1	COOK	142	89
	PLOT SCALE = 10.0000 ' / in.	CHECKED - RG	REVISED -		CONTRACT NO. 62G47								
	PLOT DATE = 11/21/2018	DATE - 9/7/2018	REVISED -		ILLINOIS FED. AID PROJECT								
	SCALE:		SHEET OF SHEETS							STA. TO STA.			



RANDOLPH ST

IL 171 (FIRST AVE)

NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

REFERENCE BENCHMARK L EL 627.83
BENCHMARK: SET CROSS ON NE BOLT OF LP
LOCATION: 10 FT SELY OF STOP SIGN AND 5 FT BACK OF CURB AT IL 171 (FIRST AVE) AND RANDOLPH ST

LEGEND

XX.XX'

()

EXISTING LENGTH

EXISTING ELEVATION / SLOPE

PROPOSED SIDEWALK

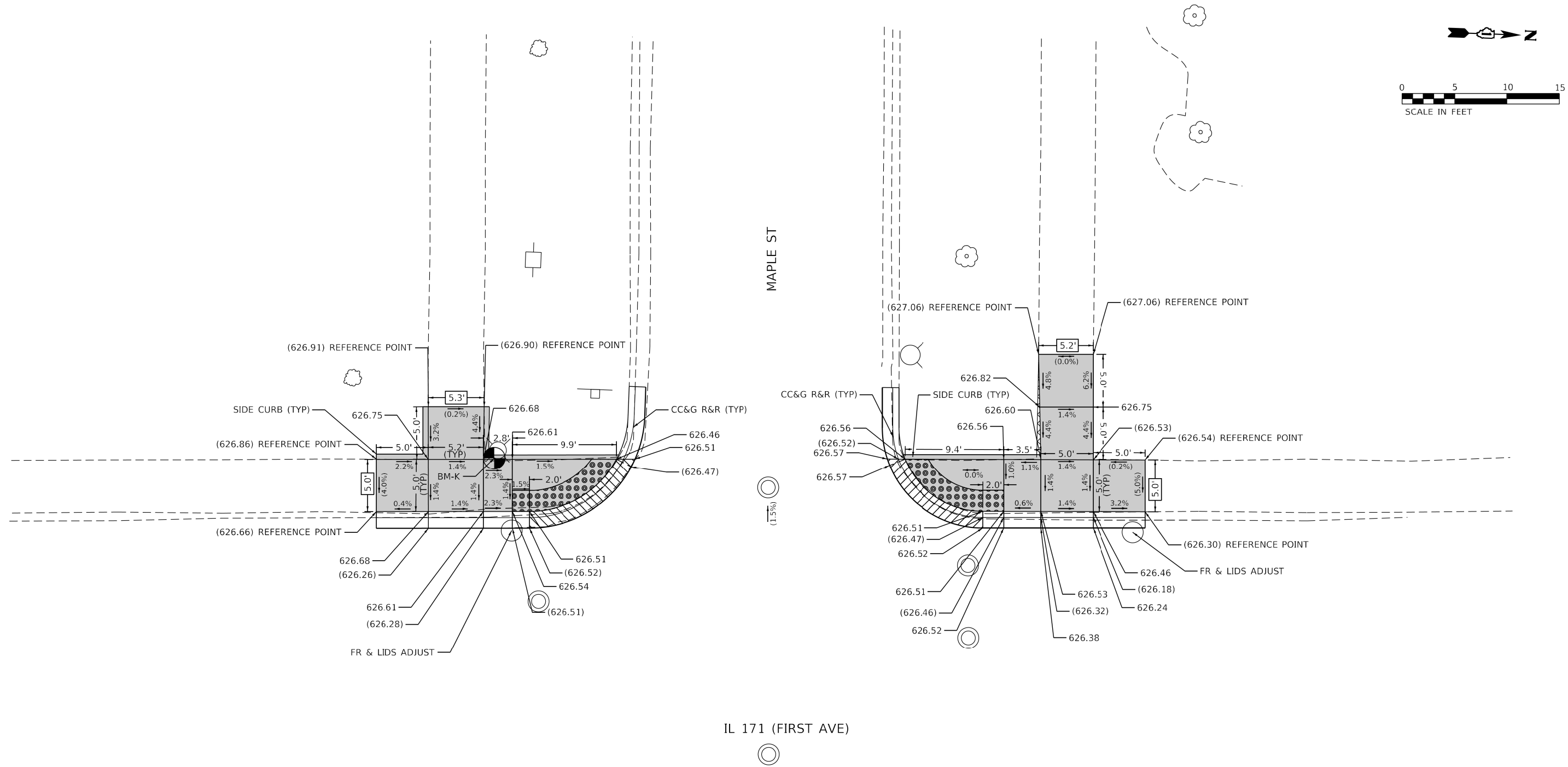
DETECTABLE WARNINGS

SIDEWALK REMOVAL
REPLACE WITH TOPSOIL AND SOD

DEPRESSED CURB AND GUTTER

MODEL: Default
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				DRAWN - KB/CS/MS/AN	REVISED -					372	2018-016-RS&SW-1	COOK	142	90
	PLOT SCALE = 10.0000 ' / in.			CHECKED - RG	REVISED -					CONTRACT NO. 62G47				
	PLOT DATE = 11/21/2018			DATE - 9/7/2018	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT



NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

REFERENCE BENCHMARK K EL 627.28
BENCHMARK: CUT SQUARE ON LP CONC BASE
LOCATION: 25 FT SE'LY OF STOP SIGN ON SW COR IL 171 (FIRST AVE) AND MAPLE ST

LEGEND

XX.XX'

()

EXISTING LENGTH

EXISTING ELEVATION / SLOPE

PROPOSED SIDEWALK

DETECTABLE WARNINGS

SIDEWALK REMOVAL
REPLACE WITH TOPSOIL AND SOD

DEPRESSED CURB AND GUTTER

MODEL: Default
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			DRAWN - KB/CS/MS/AN	REVISED -					372	2018-016-RS&SW-1	COOK	142	91
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	PLOT DATE = 11/21/2018		DATE - 9/7/2018	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT



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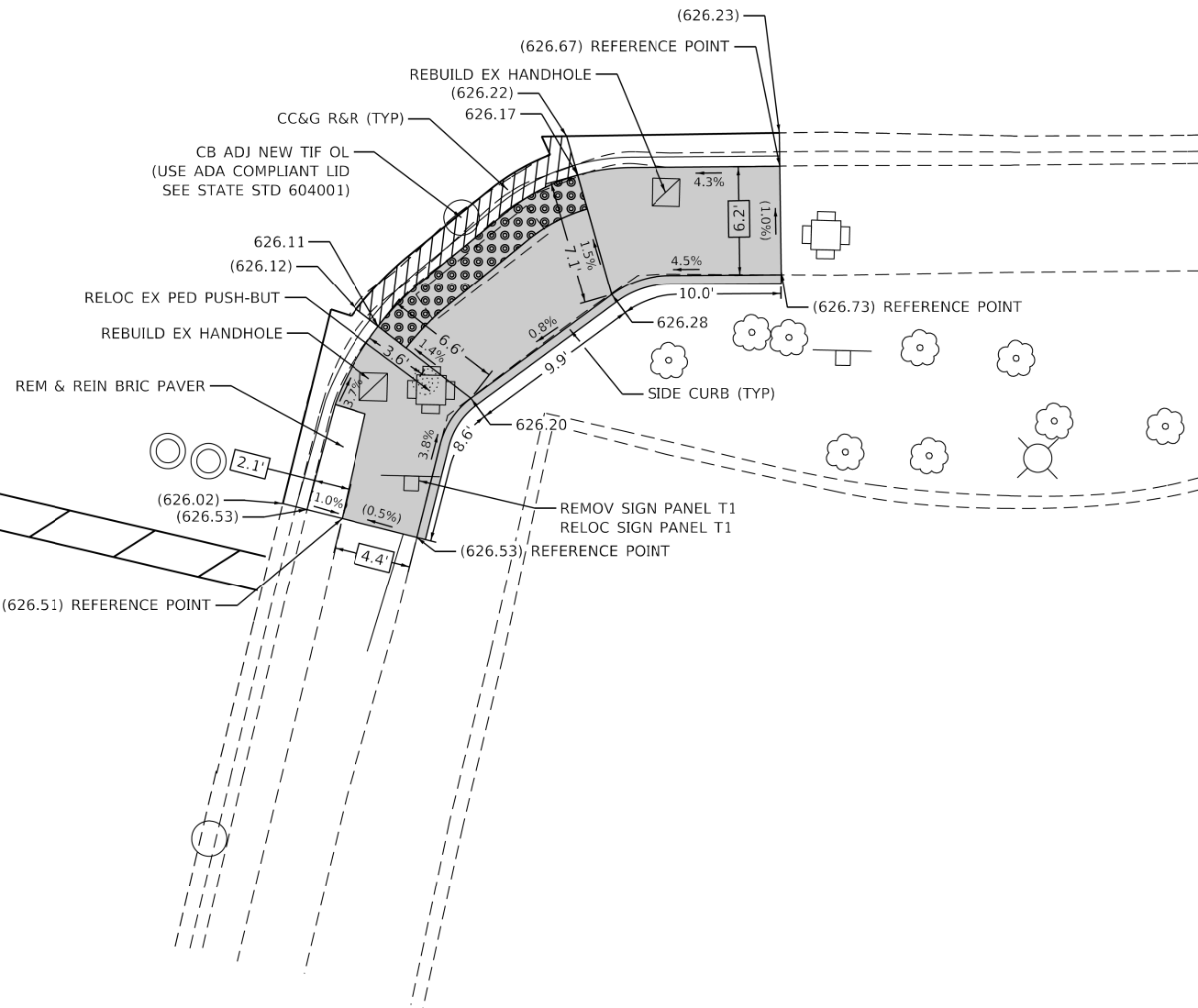
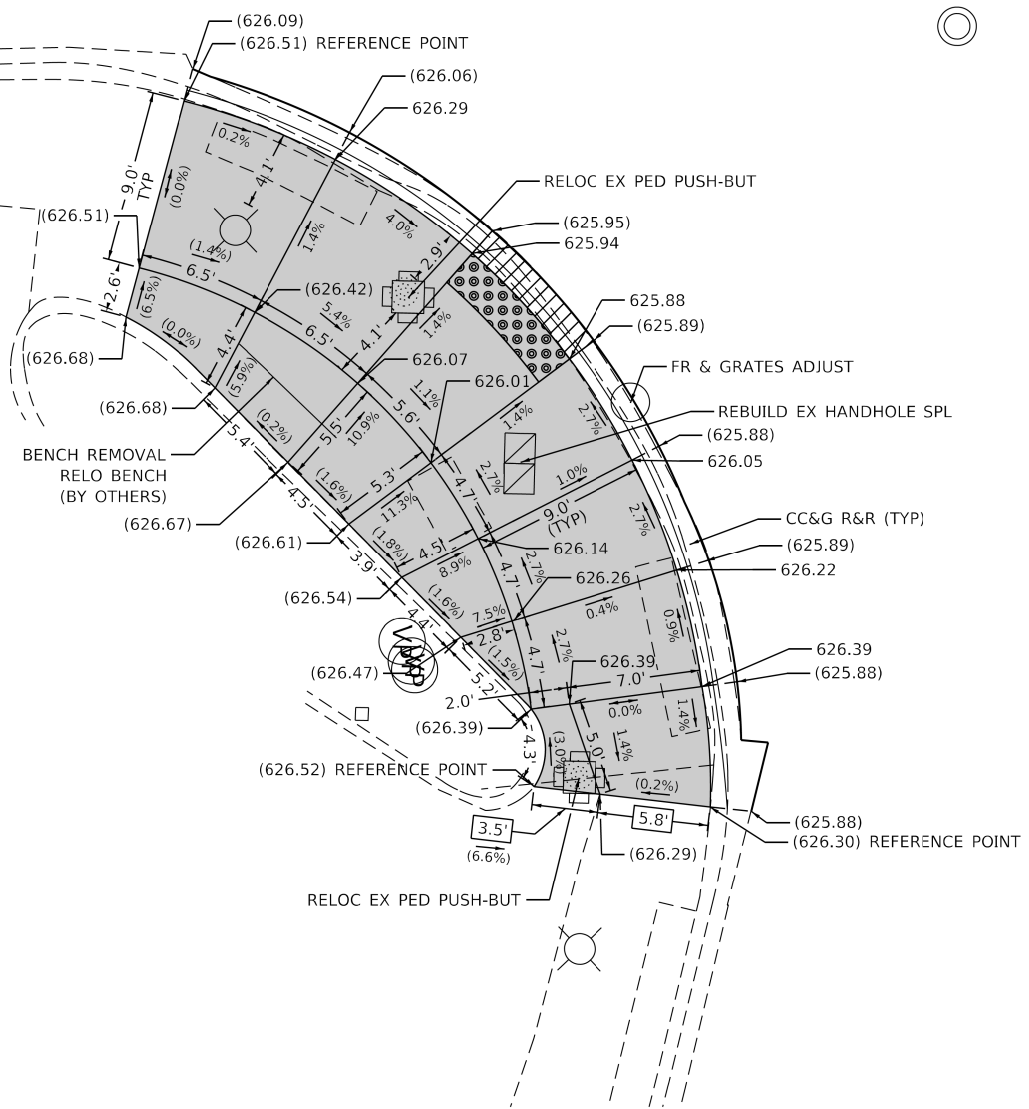
(1.0%)

LAKE ST

©

○

(0.8%)



NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

REFERENCE BENCHMARK I EL 627.69 (NOT SHOWN)

BENCHMARK: CUT SQUARE ON NE COR OF CONC BASE TO WALGREENS SIGN

LOCATION: SW COR OF IL 171 (FIRST AVE) AND LAKE ST

LEGEND

	EXISTING LENGTH
	EXISTING ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL
	REPLACE WITH TOPSOIL AND SOD
	DEPRESSED CURB AND GUTTER

USER NAME = RGal	DESIGNED - KB/CS/MS/AN	REVISED -
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PLOT DATE = 11/21/2018	DATE - 9/7/2018	REVISED -

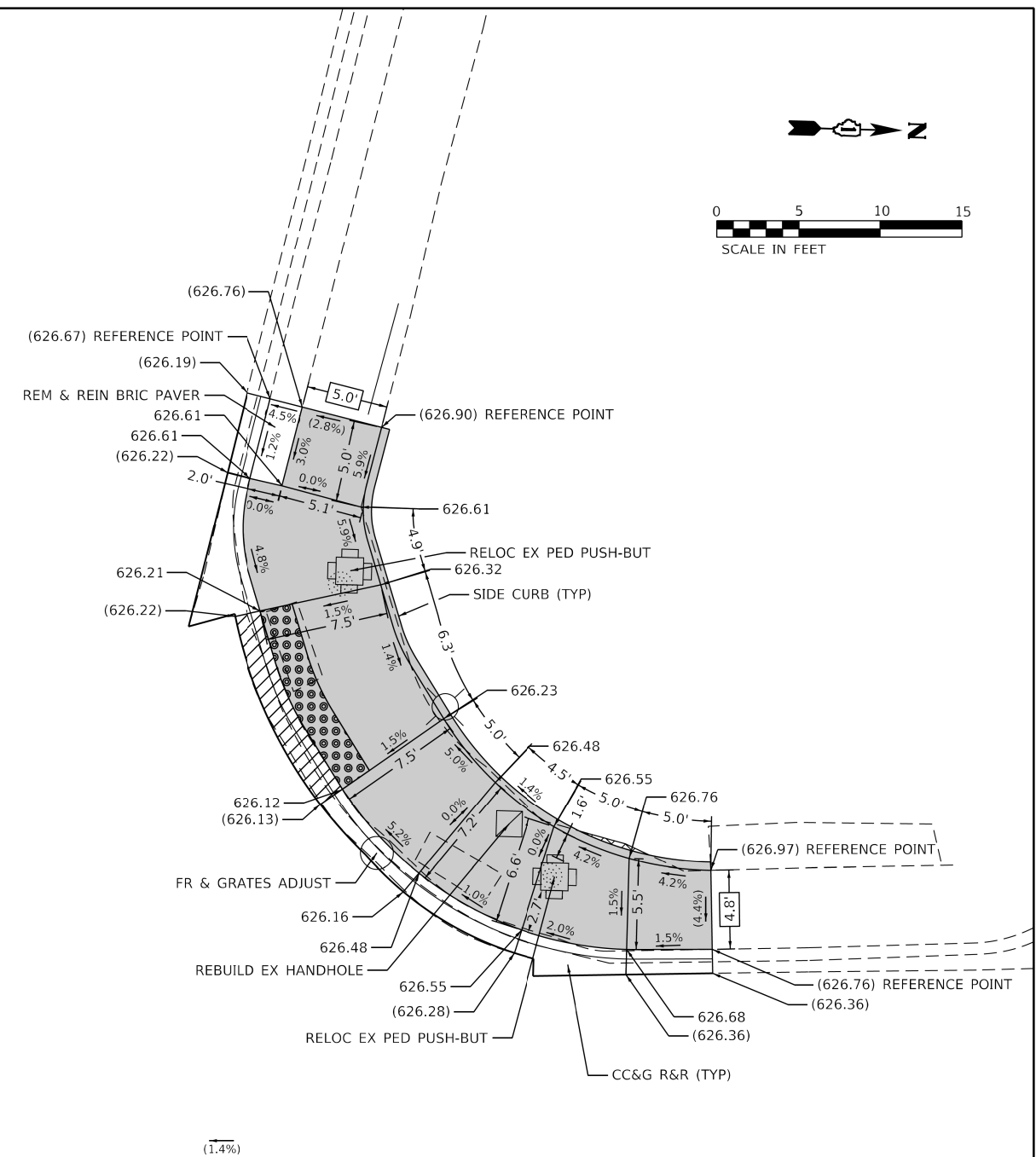
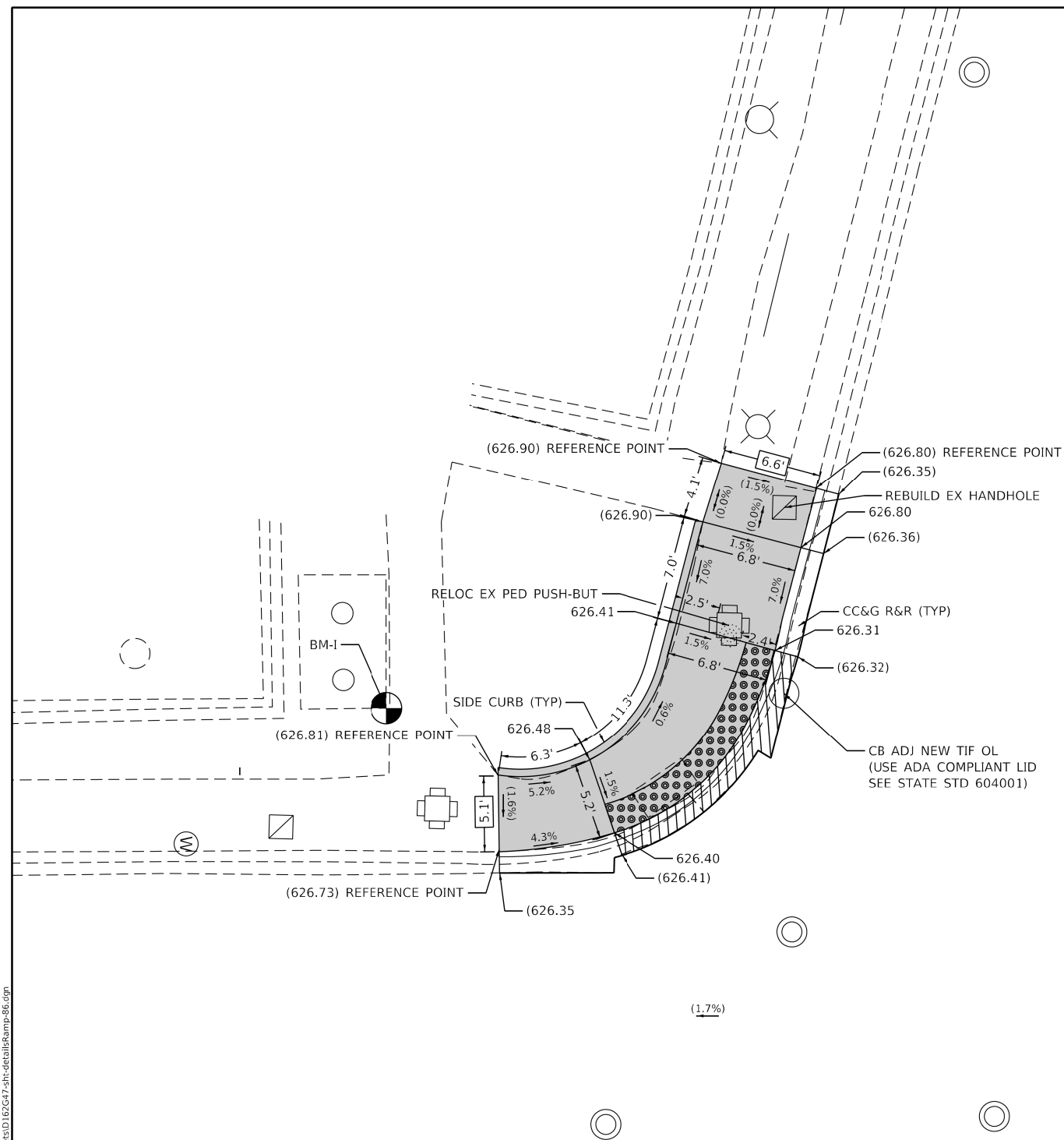
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ADA RAMP DETAILS
IL 171 (FIRST AVE) AT LAKE ST

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2018-016-RS&SW-1	COOK	142	93
		CONTRACT NO. 62G47		
ILLINOIS		FED. AID PROJECT		

MODEL: Default
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LAKE ST

IL 171 (FIRST AVENUE)

NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

REFERENCE BENCHMARK I EL 627.69

BENCHMARK: CUT SQUARE ON NE COR OF CONC BASE TO WALGREENS SIGN

LOCATION: SW COR OF IL 171 (FIRST AVE) AND LAKE ST

LEGEND

XX.XX'

EXISTING LENGTH

()

EXISTING ELEVATION / SLOPE

PROPOSED SIDEWALK

DETECTABLE WARNINGS

SIDEWALK REMOVAL
REPLACE WITH TOPSOIL AND SOD

DEPRESSED CURB AND GUTTER

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ADA RAMP DETAILS
IL 171 (FIRST AVE) AT LAKE ST

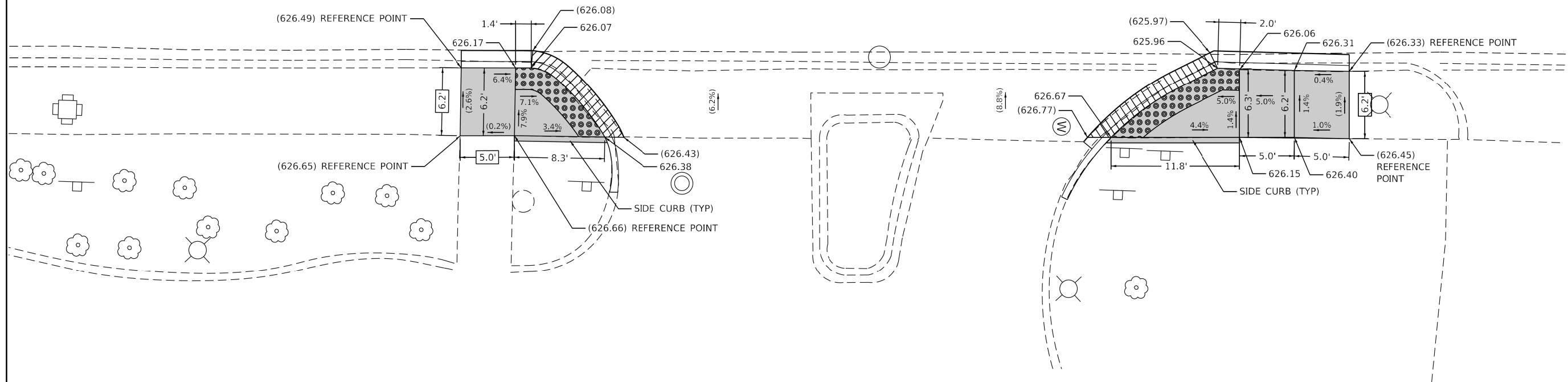
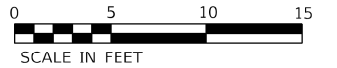
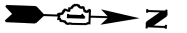
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PLOT DATE = 11/21/2018	DATE - 9/7/2018

REVISED	-
REVISED	-
REVISED	-
REVISED	-

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2018-016-R5&SW-1	COOK	142	94
		CONTRACT NO. 62G47		
		ILLINOIS	FED. AID PROJECT	

IL 171 (FIRST AVE)



NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

LEGEND

	EXISTING LENGTH
	EXISTING ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
	DEPRESSED CURB AND GUTTER

REFERENCE BENCHMARK H EL 626.69 (NOT SHOWN)

BENCHMARK: CUT SQUARE ON E SIDE OF OVERHEAD SIGN "FIRST DISCOUNT" CONC BASE

LOCATION: BETWEEN LAKE ST AND OHIO ST ON IL 181 (FIRST AVE)

USER NAME = RGal	DESIGNED - KB/CS/MS/AN	REVISED -
	DRAWN - KB/CS/MS/AN	REVISED -
PLOT SCALE = 10.0000 " / ft.	CHECKED - RG	REVISED -
PLOT DATE = 11/21/2018	DATE - 9/7/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

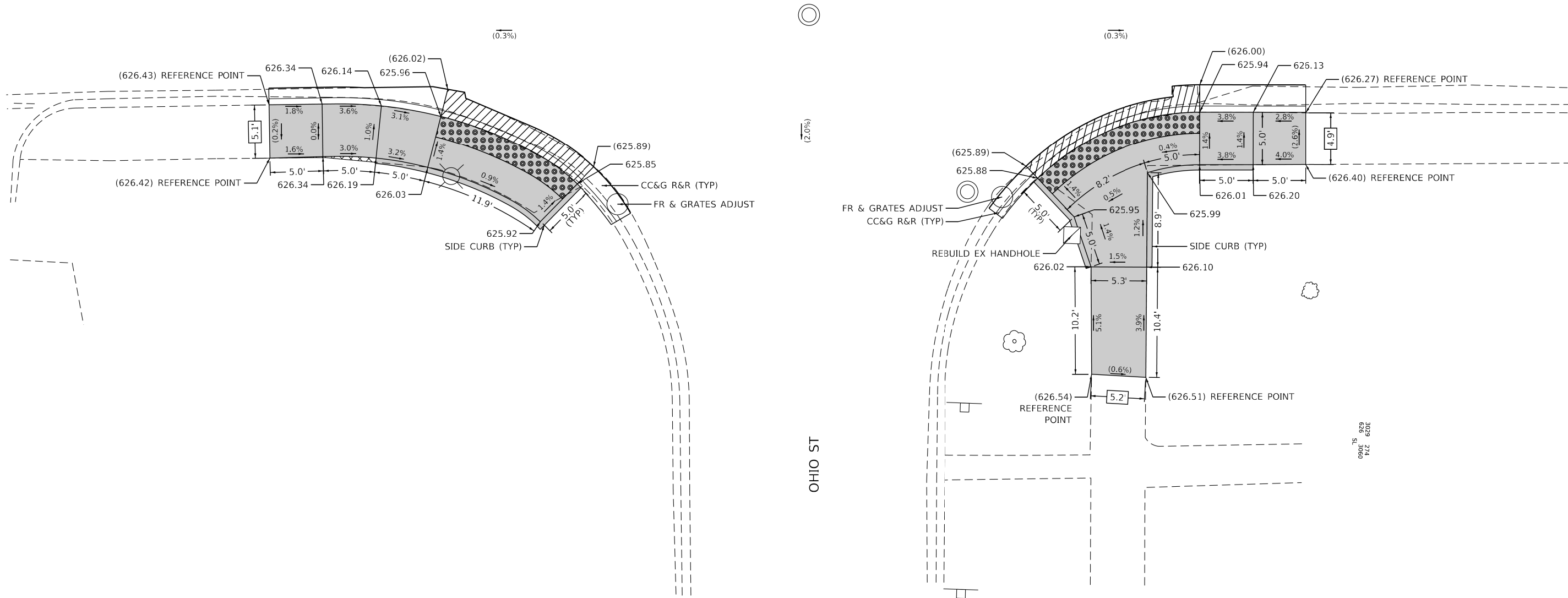
ADA RAMP DETAILS
IL 171 (FIRST AVE) AT BURGER KING ENTRANCE

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2018-016-R5&SW-1	COOK	142	95
		CONTRACT NO. 62G47		
ILLINOIS		FED. AID PROJECT		

MODEL: Default
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IL 171 (FIRST AVE)



NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

REFERENCE BENCHMARK H EL 626.69 (NOT SHOWN)

BENCHMARK: CUT SQUARE ON E SIDE OF OVERHEAD SIGN "FIRST DISCOUNT" CONC BASE

LOCATION: BETWEEN LAKE ST AND OHIO ST ON IL 171 (FIRST AVE)

LEGEND

- XX.XX' EXISTING LENGTH
- () EXISTING ELEVATION / SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
REPLACE WITH TOPSOIL AND SOD
- DEPRESSED CURB AND GUTTER

MODEL: Default
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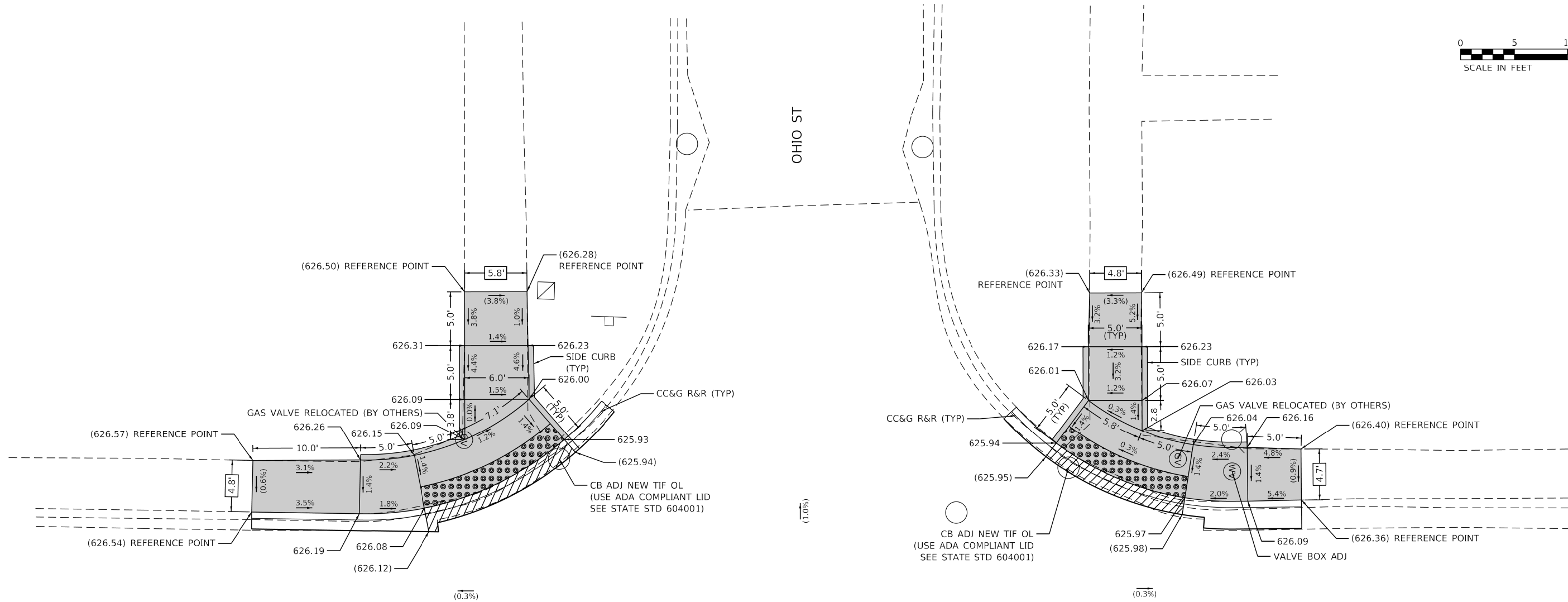
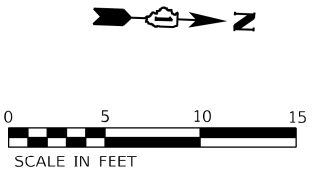
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PLOT DATE = 11/21/2018	DATE - 9/7/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
IL 171 (FIRST AVE) AT OHIO ST

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2018-016-RS&SW-1	COOK	142	96
CONTRACT NO. 62G47				
ILLINOIS FED. AID PROJECT				



IL 171 (FIRST AVE)

NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

REFERENCE BENCHMARK H EL 626.69 (NOT SHOWN)

BENCHMARK: CUT SQUARE ON E SIDE OF OVERHEAD SIGN "FIRST DISCOUNT" CONC BASE

LOCATION: BETWEEN LAKE ST AND OHIO ST ON IL 171 (FIRST AVE)

LEGEND

XX.XX'

()

EXISTING LENGTH

EXISTING ELEVATION / SLOPE

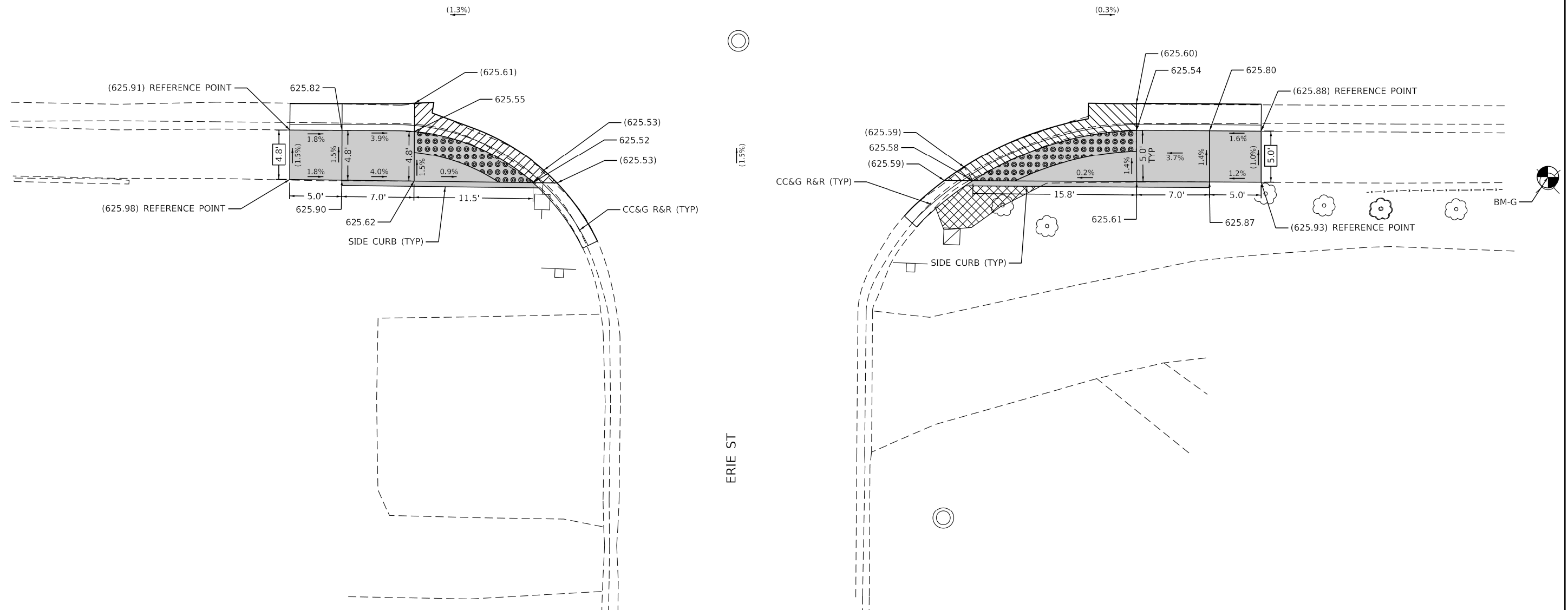
PROPOSED SIDEWALK

DETECTABLE WARNINGS

SIDEWALK REMOVAL
REPLACE WITH TOPSOIL AND SOD

DEPRESSED CURB AND GUTTER

MODEL: Default FILE NAME: Z:\18039.04 DOT D1 PFB 187.006 W04 IL171 ADA Ramp\DCN\Design\Reim\Drawings\62G47-shc-details\amp-89.dgn	USER NAME = RGalI	DESIGNED - KB/CS/MS/AN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ADA RAMP DETAILS IL 171 (FIRST AVE) AT OHIO ST					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - KB/CS/MS/AN	REVISED -							372	2018-016-R5&SW-1	COOK	142	97
	PLOT SCALE = 10.0000 ' / in.	CHECKED - RG	REVISED -							CONTRACT NO. 62G47				
	PLOT DATE = 11/21/2018	DATE - 9/7/2018	REVISED -							ILLINOIS FED. AID PROJECT				
						SCALE:	SHEET	OF	SHEETS	STA.	TO STA.			



LEGEND

	EXISTING LENGTH
	EXISTING ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
	DEPRESSED CURB AND GUTTER

MODEL: Default
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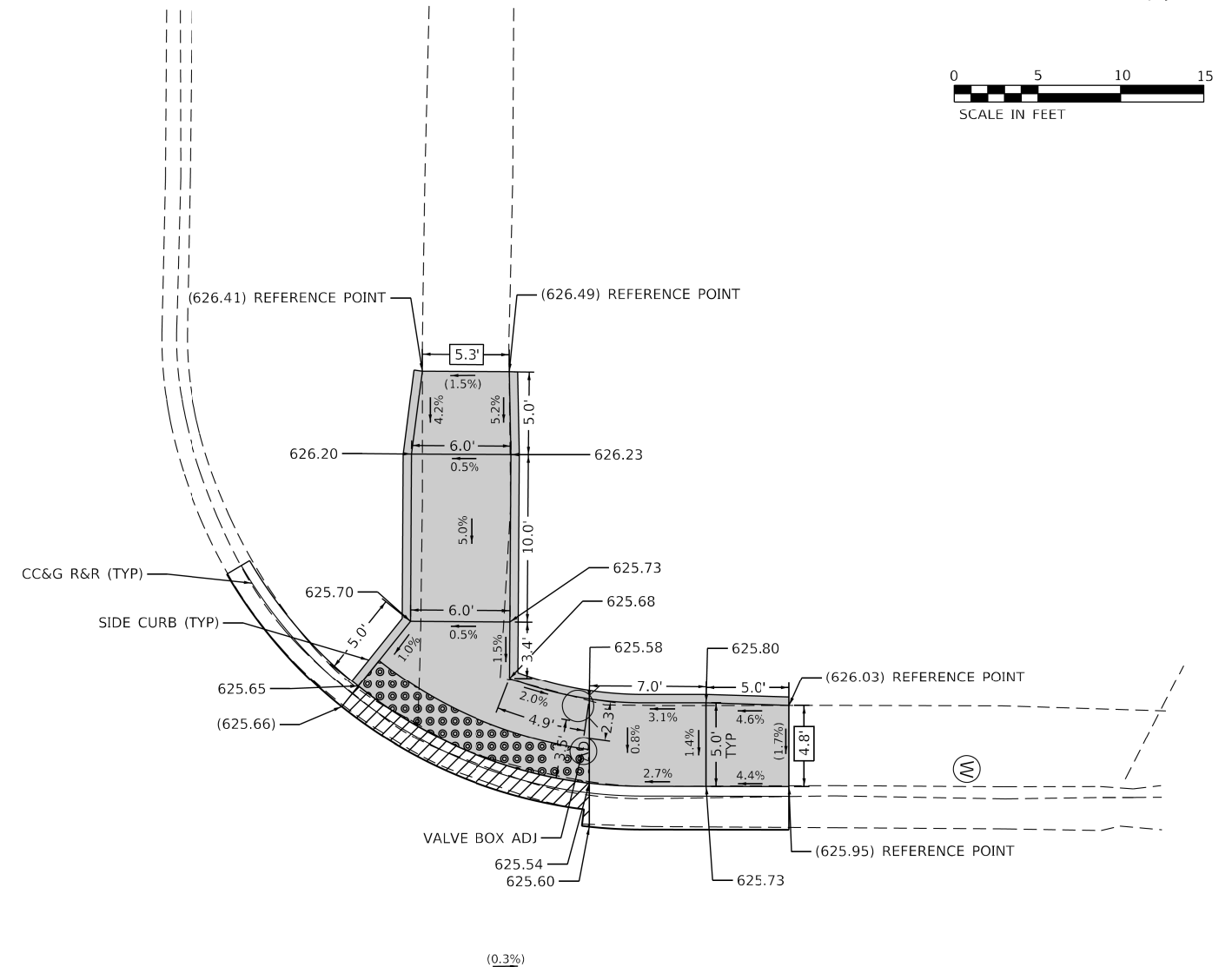
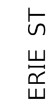
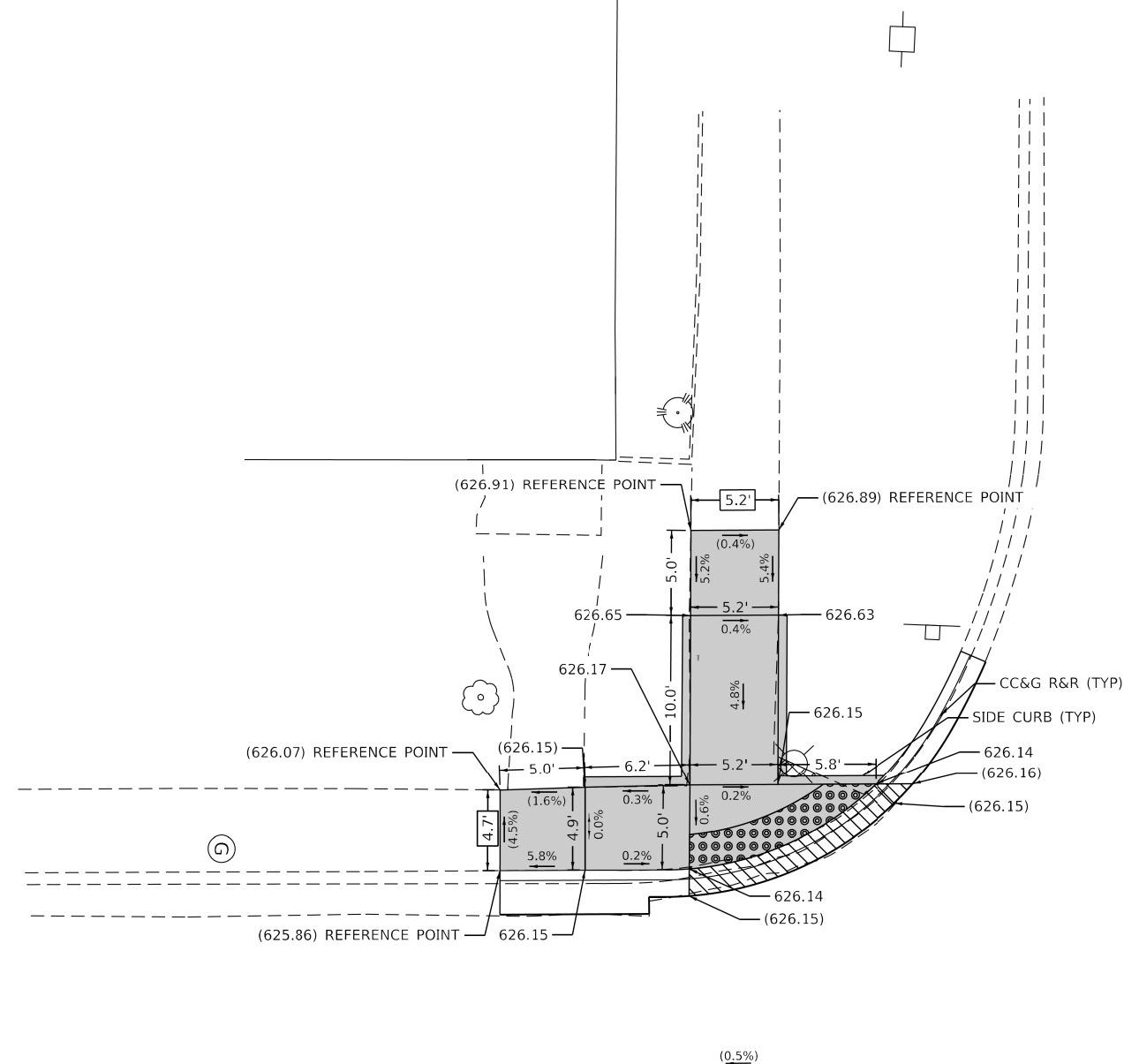
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PLOT DATE = 11/21/2018	DATE - 9/7/2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ADA RAMP DETAILS
IL 171 (FIRST AVE) AT ERIE ST

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2018-016-R5&SW-1	COOK	142	98
		CONTRACT NO. 62G47		
ILLINOIS		FED. AID PROJECT		



IL 171 (FIRST AVE)

NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

REFERENCE BENCHMARK G EL 626.90 (NOT SHOWN)

BENCHMARK: CUT SQUARE ON W SIDE OF LP CONC BASE

LOCATION: 60 FT N OF NE COR IL 171 (FIRST AVE) AND ERIE ST

LEGEND

XX.XX'

EXISTING LENGTH

()

EXISTING ELEVATION / SLOPE

10

PROPOSED SIDEWALK

DETECTABLE WARNINGS

SIDEWALK REMOVAL
REPLACE WITH TOPSOIL AND SOD



DEPRESSED CURB AND GUTTER

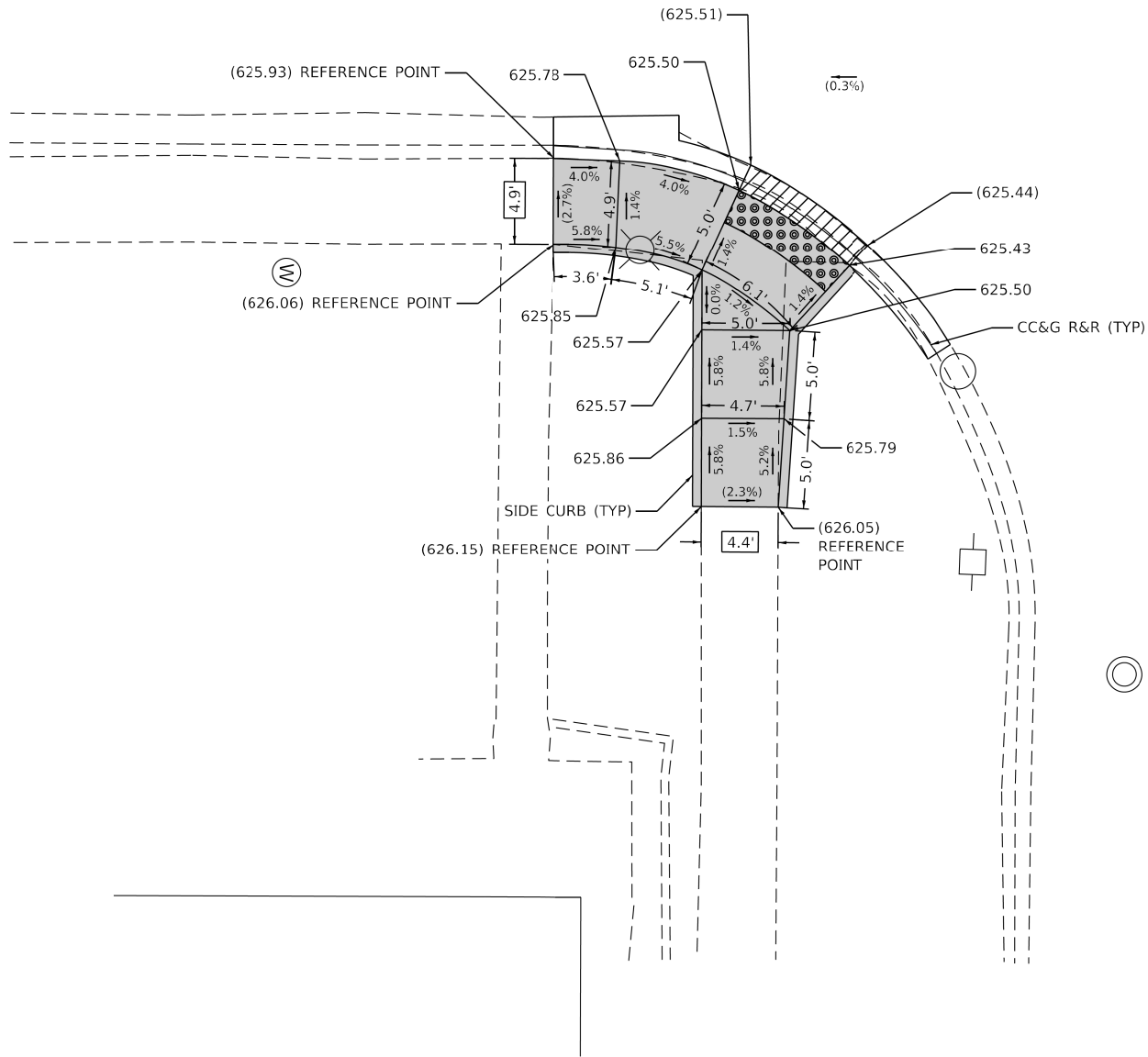
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ADA RAMP DETAILS
IL 171 (FIRST AVE) AT ERIE ST

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2018-016-R5&SW-1	COOK	142	99
		CONTRACT NO. 62G47		
		ILLINOIS FED. AID PROJECT		

IL 171 (FIRST AVE)



NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

REFERENCE BENCHMARK F EL 626.27 (NOT SHOWN)
BENCHMARK: CUT SQUARE ON E SIDE OF LP CONC BASE
LOCATION: 85' N OF NW COR IL 171 (FIRST AVE) AND HURON STREET

LEGEND

- XX.XX' EXISTING LENGTH
- () EXISTING ELEVATION / SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
REPLACE WITH TOPSOIL AND SOD
- DEPRESSED CURB AND GUTTER

MODEL: Default
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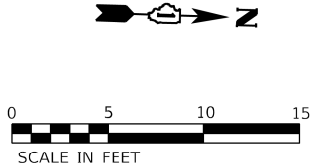
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PLOT DATE = 11/21/2018	DATE - 9/7/2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
IL 171 (FIRST AVE) AT HURON ST

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2018-016-RS&SW-1	COOK	142	100
CONTRACT NO. 62G47				
ILLINOIS FED. AID PROJECT				



NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

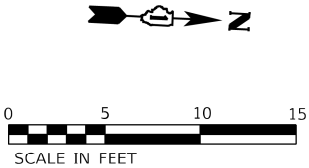
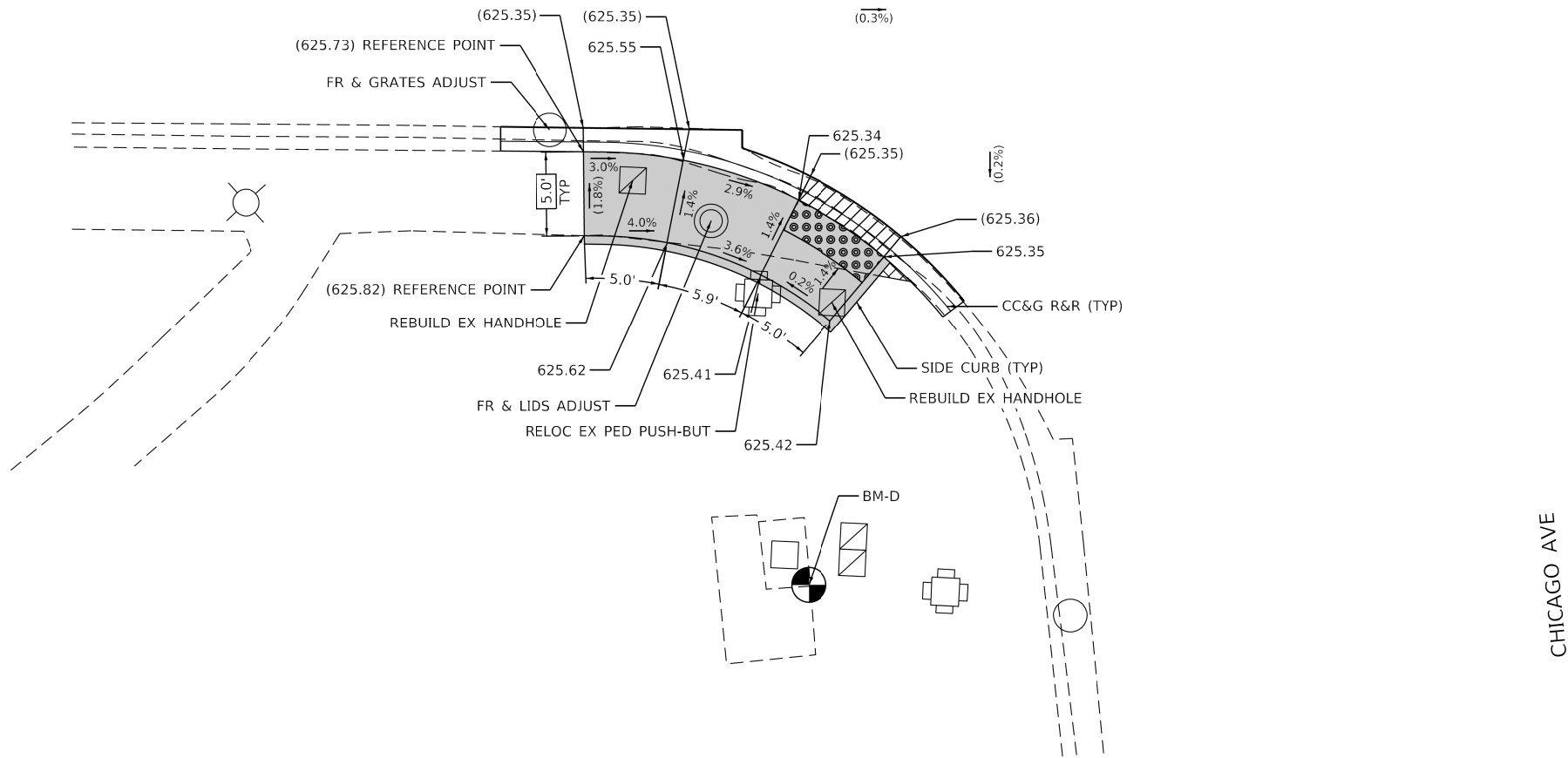
LOCATION: SW COR IL 171 (FIRST AVE) AND SUPERIOR STREET

	EXISTING LENGTH
	EXISTING ELEVATION / SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD
	DEPRESSED CURB AND GUTTER

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2018-016-RS&SW-1	COOK	142	102
		CONTRACT NO. 62G47		
ILLINOIS		FED. AID PROJECT		

MODEL: Default
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NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

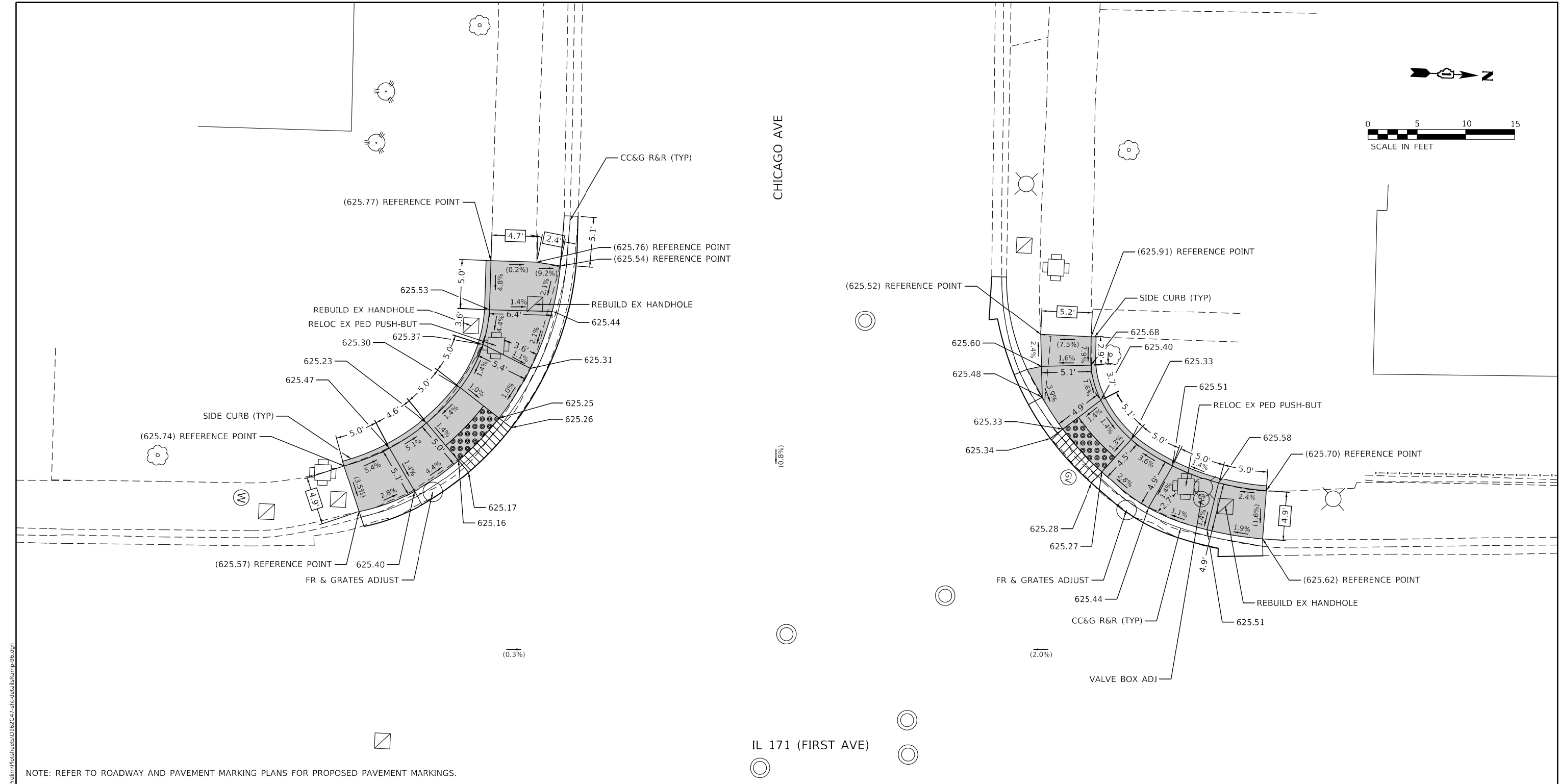
REFERENCE BENCHMARK D EL 626.53
BENCHMARK: CUT SQUARE ON NE COR OF TS BOX
LOCATION: SE COR IL 171 (FIRST AVE) AND CHICAGO AVE

LEGEND

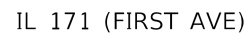
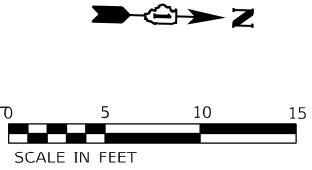
- XX.XX' EXISTING LENGTH
- () EXISTING ELEVATION / SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
REPLACE WITH TOPSOIL AND SOD
- DEPRESSED CURB AND GUTTER

	USER NAME = RGalI	DESIGNED - KB/CS/MS/AN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ADA RAMP DETAILS IL 171 (FIRST AVE) AT CHICAGO AVE	F.A.P. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.			
		DRAWN - KB/CS/MS/AN	REVISED -			372	2018-016-RS&SW-1	COOK	142 103
	PLOT SCALE = 10.0000 ' / in.	CHECKED - RG	REVISED -			CONTRACT NO. 62G47			
	PLOT DATE = 11/21/2018	DATE - 9/7/2018	REVISED -			ILLINOIS FED. AID PROJECT			
SCALE:		SHEET	OF	SHEETS	STA.	TO STA.			

MODEL: Default
FILE NAME: Z:\18039.04 DOT D1 IPE 187.006 W04 IL171 ADA Ramp\DCN\Design\Realm\Details\D162G47-shc-detailsRamp-96.dgn



REFERENCE BENCHMARK D EL 626.53 (NOT SHOWN) BENCHMARK: CUT SQUARE ON NE COR OF TS BOX LOCATION: SE COR IL 171 (FIRST AVE) AND CHICAGO AVE				LEGEND XX.XX' EXISTING LENGTH () EXISTING ELEVATION / SLOPE PROPOSED SIDEWALK DETECTABLE WARNINGS SIDEWALK REMOVAL REPLACE WITH TOPSOIL AND SOD DEPRESSED CURB AND GUTTER
---	--	--	--	---



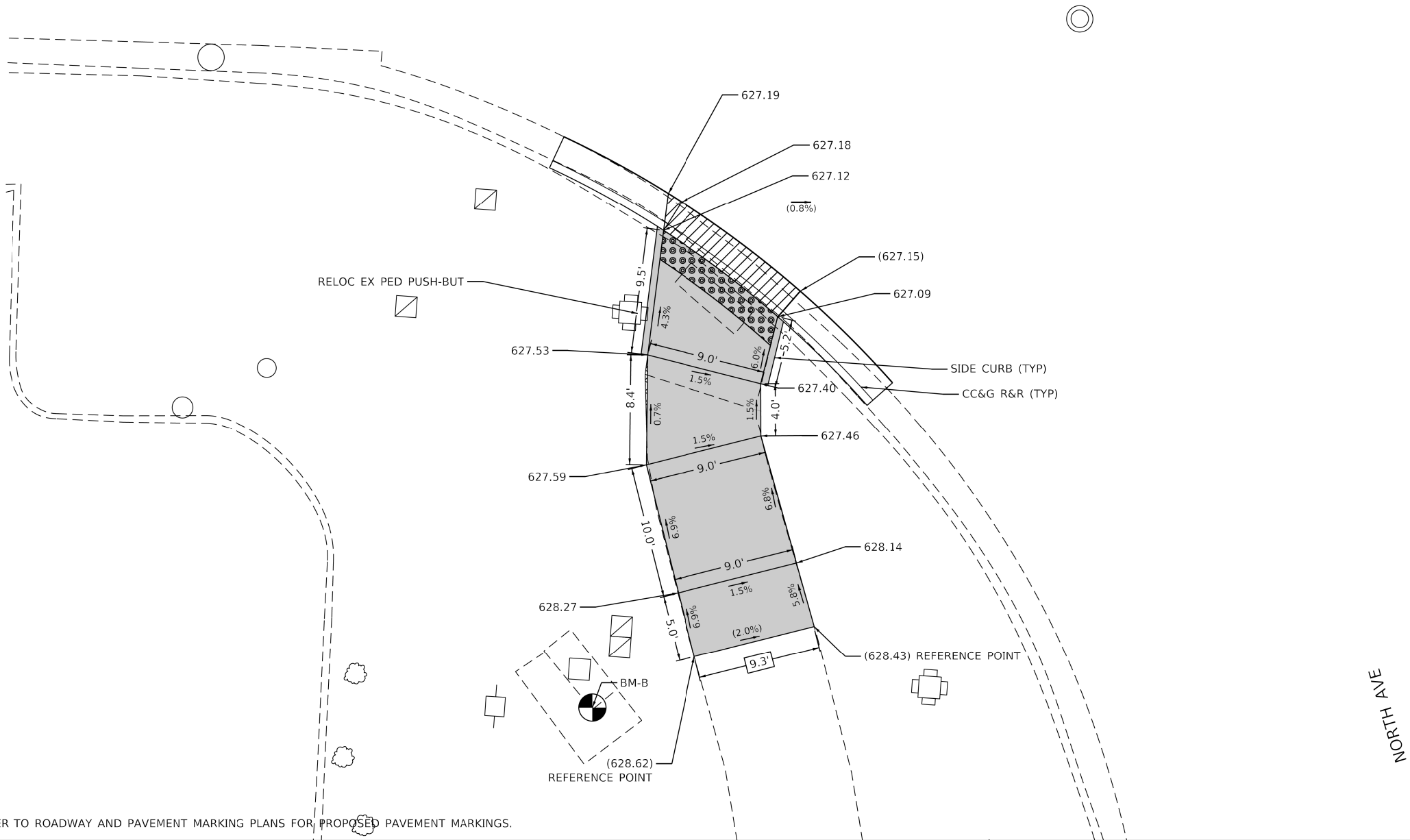
LEGEND

- REFERENCE BENCHMARK C EL 625.72
- BENCHMARK: CUT CROSS ON SW BOLT OF LIGHT POLE
- LOCATION: NW COR IL 171 (FIRST AVE) AND BRADDOCK DRIVE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2018-016-RS&SW-1	COOK	142	105
		CONTRACT NO. 62G47		
ILLINOIS		FED. AID PROJECT		

IL 171 (FIRST AVE)



NOTE: REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.

REFERENCE BENCHMARK B EL 629.76

BENCHMARK: CUT SQUARE ON SE COR CONC BASE TRAFFIC CONTROL CABINET

LOCATION: SE COR IL 171 (FIRST AVE) AND W NORTH AVE

LEGEND

- XX.XX' EXISTING LENGTH
- () EXISTING ELEVATION / SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
REPLACE WITH TOPSOIL AND SOD
- DEPRESSED CURB AND GUTTER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
IL 171 (FIRST AVE) AT NORTH AVE

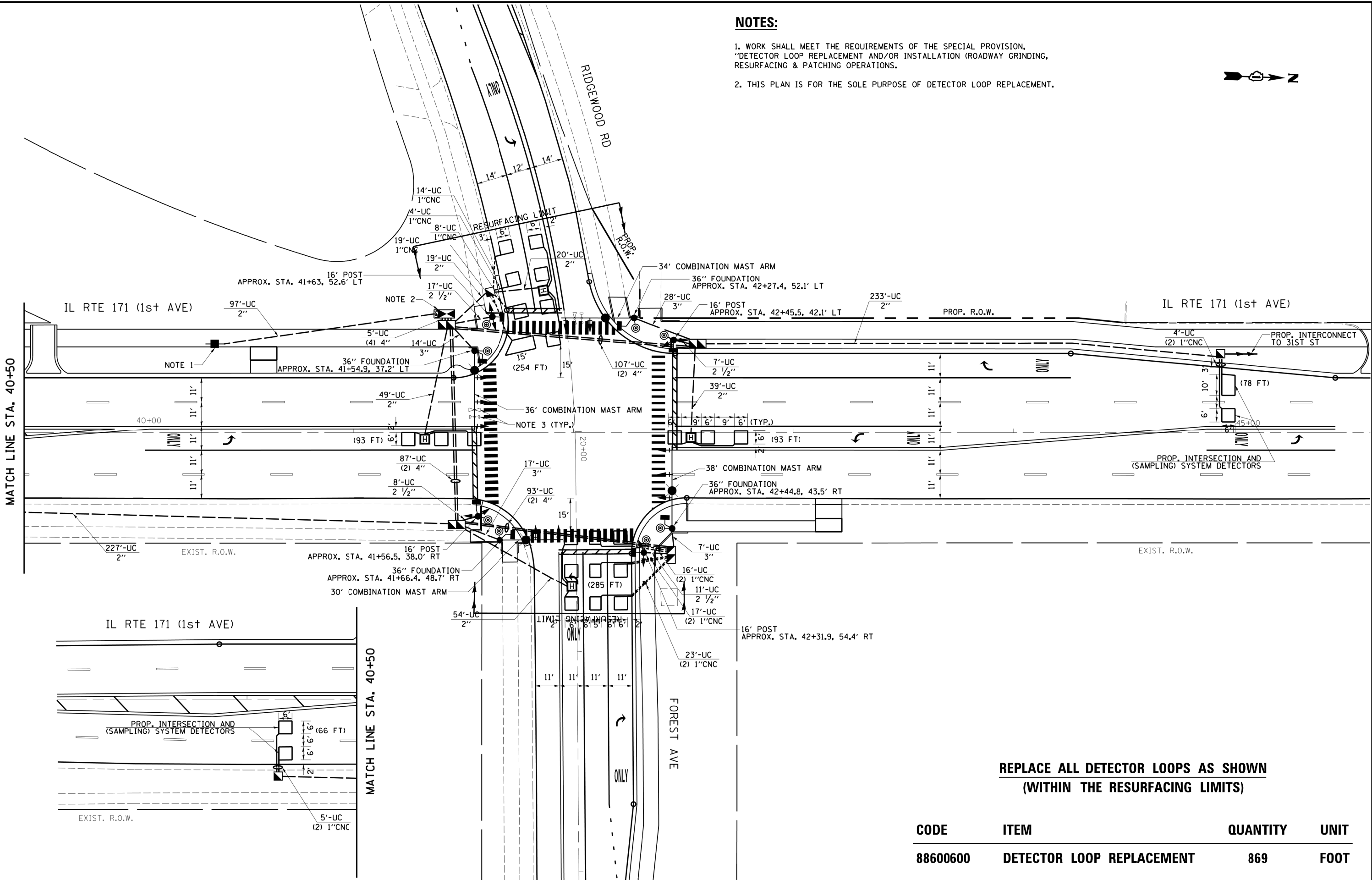
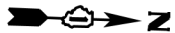
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2018-016-RS&SW-1	COOK	142	106
CONTRACT NO. 62G47				
ILLINOIS FED. AID PROJECT				

MODEL: Default
FILE NAME: Z:\18039.04 DOT D1 FFB 187-006 W04 IL171 ADA Ramps\DCN\Design\Reform\Details\62G47-shc-details\Bamp-98.dgn

NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION,
"DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING,
RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.

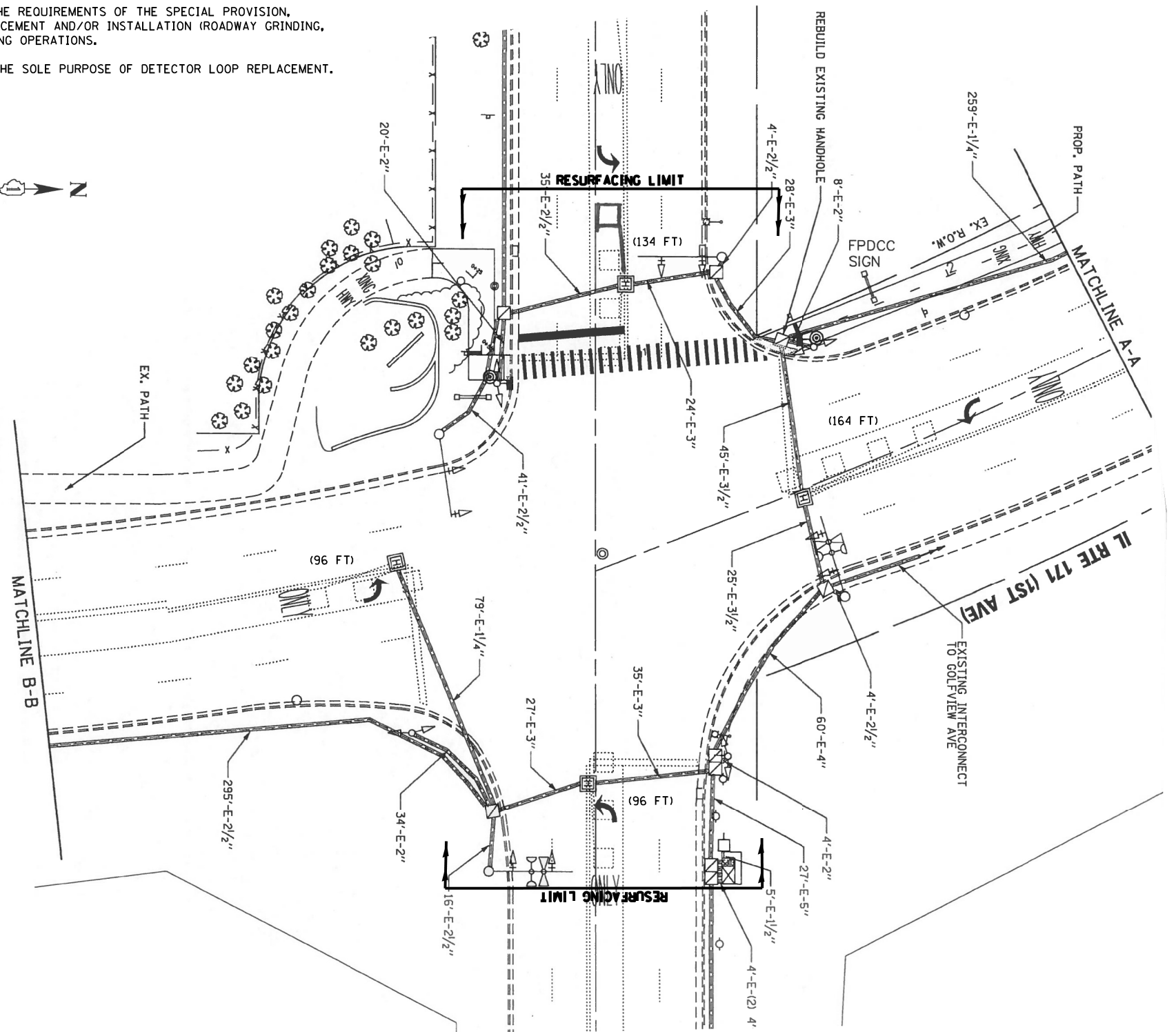


REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	869	FOOT

FILE NAME =	USER NAME = nguyensm	DESIGNED - SN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN IL.171 (1st AVE.) AT FOREST AVE / RIDGEWOOD RD.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\WP\Design\SN\B.of Design - Detector	Loops Replacement - Resurfacing project - S	DRAWN - ADA\J.D	REVISED IL 171 1st Ave @ Forest, Ridgewood, dgn			372	2018-016-RS-SW-1	COOK	142	111
	PLOT SCALE = 40.0000' / in.	CHECKED - SN	REVISED -			CONTRACT NO. 62647				
Default	PLOT DATE = 10/17/2018	DATE - 10/17/2018	REVISED -			ILLINOIS FED. AID PROJECT				
				SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.



CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	654	FOOT

FILE NAME =	USER NAME = nguyensm	DESIGNED - SN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN IL.171 (1st AVE.) AT 31st STREET				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\WP\Design\SN\B. of Design - Detector	Loops Replacement - Resurfacing project - S	DRAWN by - ADA\Design\2013\62G47\CADD	REVISED by - IL 471 1st Ave @ 31st St.dgn		372	2018-016-RS-SW-1	COOK	142	112				
	PLOT SCALE = 40,0000' / in.	CHECKED - SN	REVISED -				CONTRACT NO. 62G47						
Default	PLOT DATE = 10/19/2018	DATE - 10/17/2018	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.



CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	138	FOOT

FILE NAME =	USER NAME = nguyensm	DESIGNED - SN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN IL.171 (1st AVE.) AT 31st ST/CUTOFF GOLFVIEW ROAD				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\WP\Design\N\B. of Design - Detector	Loops Replacement - Resurfacing project - S	DRAWN - ADA\CSN\2013\62G47\CADD	REVISED IL 171 1st Ave @ 31st St - Cutoff Golfview.dgn		372	2018-016-R5-SW-1	COOK	142	113				
PLOT SCALE = 40.0000' / in.	CHECKED - SN	REVISED -			CONTRACT NO. 62G47								
Default	PLOT DATE = 10/17/2018	DATE - 10/17/2018	REVISED -		ILLINOIS FED. AID PROJECT								

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



CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	752	FOOT

FILE NAME =	USER NAME = ngujensm	DESIGNED - SN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN IL171 (1st AVE.) AT 26th STREET				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
St:\WP\Design\SN\B. of Design - Detector	Loops Replacement - Resurfacing project - St. Louis Ave - ADA\Design\2013\62G47\CADD	DRAWN -	REVISED IL 171 1st Ave @ 31st St - Cutoff		372	2018-016-RS-SW-1	COOK	142	114				
	PLOT SCALE = 40.0000' / 1in.	CHECKED - SN	REVISED -		CONTRACT NO. 62G47								
Default	PLOT DATE = 10/18/2018	DATE - 10/17/2018	REVISED -										
				SCALE:	SHEET	OF	SHEETS	STA.	TO STA.				

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

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CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	668	FOOT

FILE NAME =	USER NAME = ngujensm	SIGNED - SN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN IL.171 (1st AVE.) AT CERMAK ROAD				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\WP\Design\SN\B. of Design - Detector	Loops Replacement - Resurfacing project - S	DRAWN - ADAY.D	REVISED - IL.171 1st Ave @ Cermak Rd.dgn						372	2018-016-RS-SW-1	COOK	142	115
	PLOT SCALE = 40.0000' / 1in.	CHECKED - SN	REVISED -		CONTRACT NO. 62G47								
Default	PLOT DATE = 10/22/2018	DATE - 10/17/2018	REVISED -										
				SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.

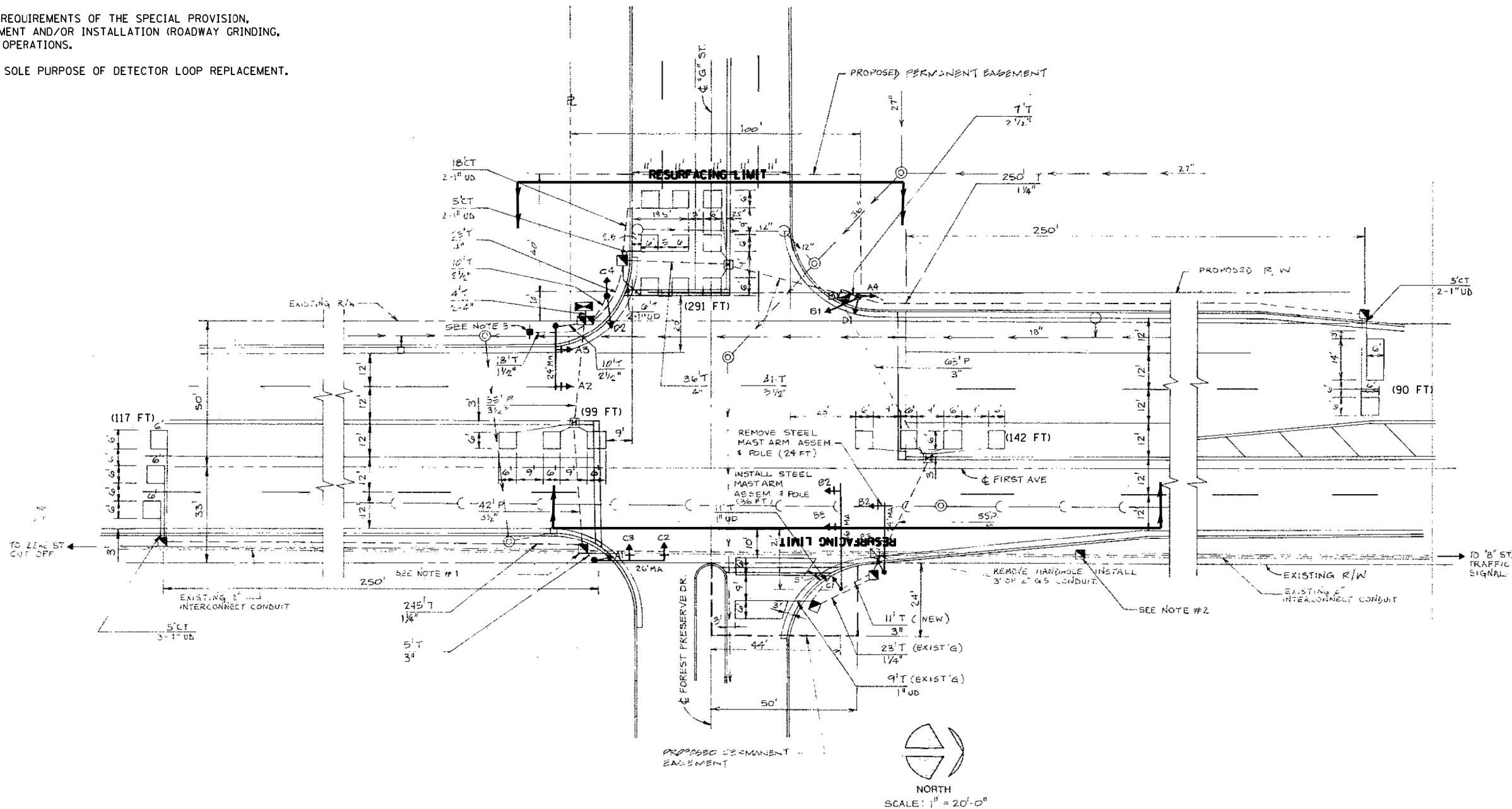


CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	300	FOOT

FILE NAME =	USER NAME = ngujensm	DESIGNED - SN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN IL171 (1st AVE.) AT CERMAK CUTOFF ROAD				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\WP\Design\SN\B. of Design - Detector	Loops Replacement - Resurfacing project - S	DRAWN - ADAY	REVISED - IL171 1st Ave @ 1st Ave. - Cermak Cut off.dgn						372	2018-016-RS-SW-1	COOK	142	116
	PLOT SCALE = 40.0000' / 1in.	CHECKED - SN	REVISED -		CONTRACT NO. 62G47								
Default	PLOT DATE = 10/22/2018	DATE - 10/17/2018	REVISED -										
				SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			

NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION,
"DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING,
RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.



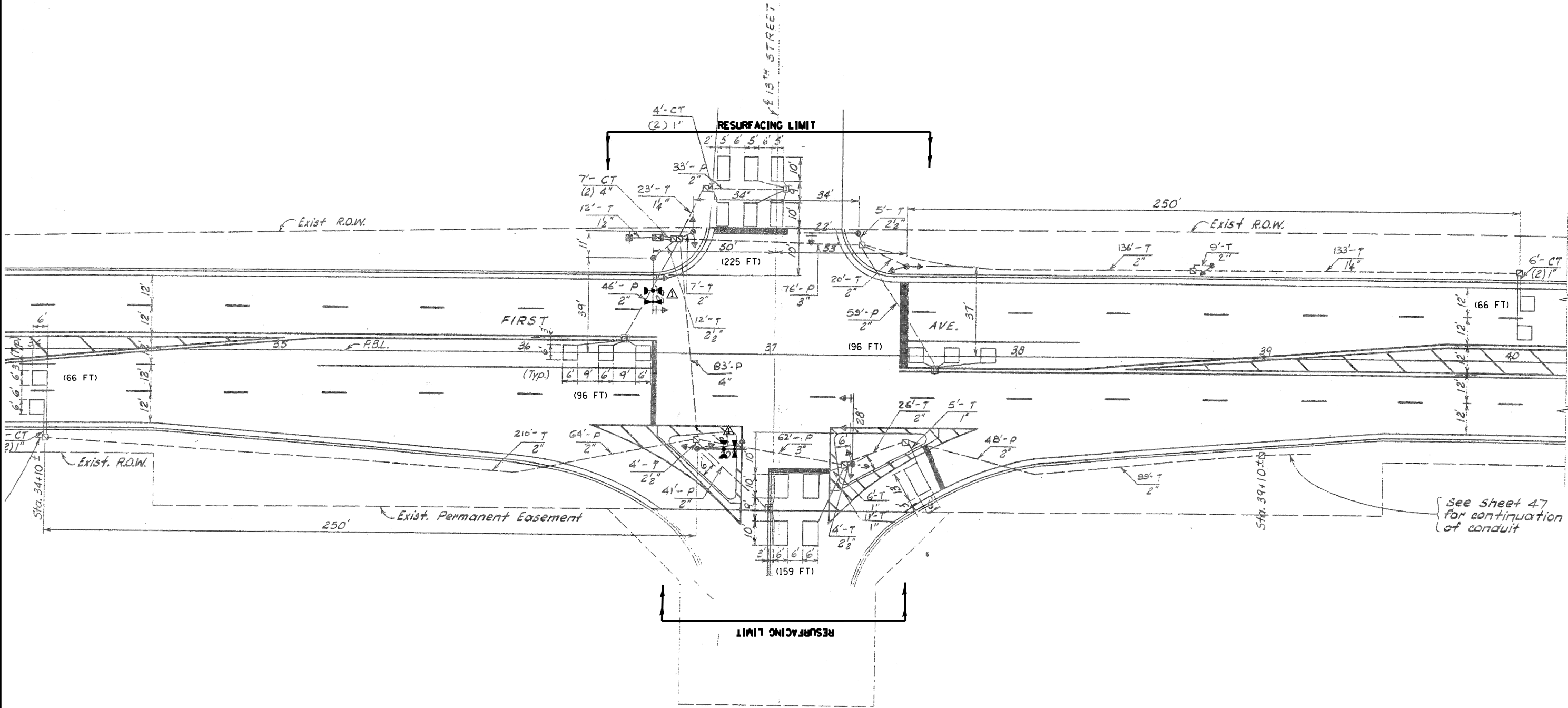
REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	739	FOOT

FILE NAME =	USER NAME = nguyensm	DESIGNED - SN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN IL 171 (1st AVE.) AT 17th STREET		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\WP\Design\SN\B of Design - Detector	Loops Replacement - Resurfacing project - S	DRAWN - ADA\CS	REVISED -				372	2018-016-RS-SW-1	COOK	142	117
Default	PLOT SCALE = 40.0000' / in.	CHECKED - SN	REVISED -				CONTRACT NO. 62647				
	PLOT DATE = 10/18/2018	DATE - 10/17/2018	REVISED -				ILLINOIS FED. AID PROJECT				

NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION,
"DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING,
RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.



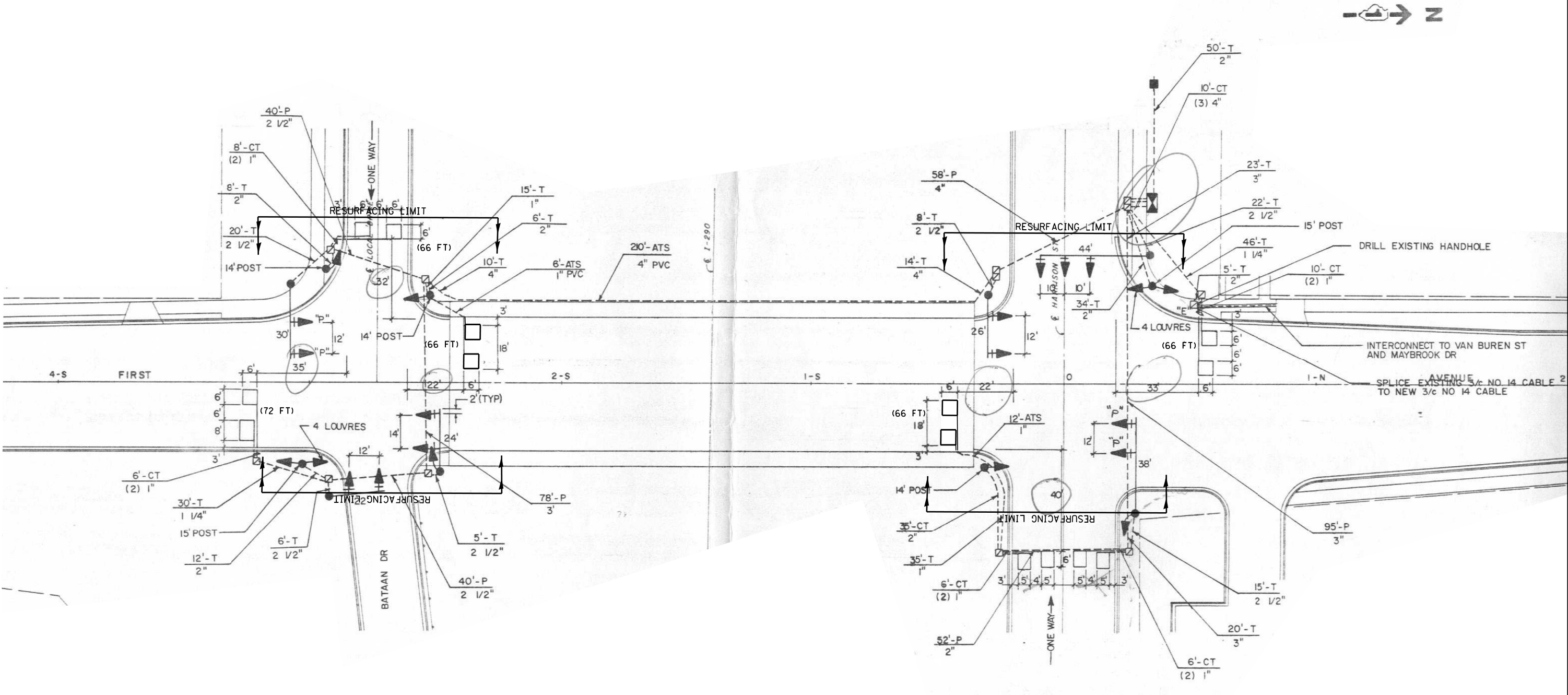
REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	708	FOOT

FILE NAME =	USER NAME = nguyenam	DESIGNED - SN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN IL.171 (1st AVE.) AT 13th STREET		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\WP\Design\SN\B. of Design - Detector	Loops Replacement - Resurfacing project -	DRAWN - ADA\CSN\2013\62G47\CA00	REVISED - IL 471 1st Ave @ 13th Stgdn				372	2018-016-R5-SW-1	COOK	142	118
Default	PLOT SCALE = 40,0000' / in.	CHECKED - SN	REVISED -				CONTRACT NO. 62G47				
	PLOT DATE = 10/18/2018	DATE - 10/17/2018	REVISED -				ILLINOIS FED. AID PROJECT				
SCALE:		SHEET	OF	SHEETS	STA.	TO	STA.				

NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION,
"DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING,
RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.



REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	336	FOOT

FILE NAME =	USER NAME = nguyensm	DESIGNED - SN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN IL.171 (1st AVE.) AT BATAAN DR. & AT HARRISON ST.	SCALE:	SHEET OF SHEETS STA. TO STA.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\WP\Design\SN\B.of Design - Detector	Loops Replacement - Resurfacing project -	DRAWN - ADA\CSN\2013\62G47\CADD	REVISED -					372	2018-016-RS-SW-1	COOK	142	119
PLOT SCALE = 40.0000' / in.	CHECKED - SN	REVIS	REVISED -					CONTRACT NO. 62G47				
Default	PLOT DATE = 10/18/2018	DATE - 10/17/2018	REVISED -					ILLINOIS FED. AID PROJECT				

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.

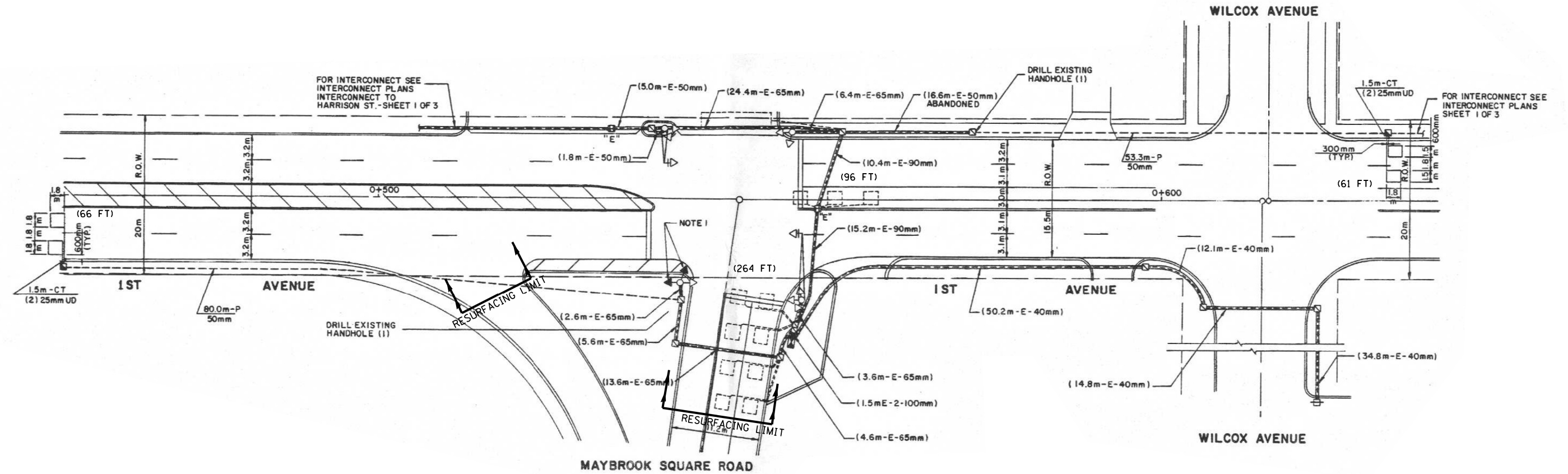


CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	319	FOOT

FILE NAME =	USER NAME = ngugensm	DESIGNED - SN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				DETECTOR LOOP REPLACEMENT PLAN					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\WP\Design\SN\B. of Design - Detector	Loops Replacement - Resurfacing project - S	DRAWN - ADAY, D Sn gn\2013\62G47\CADD	REVISED IL 471 1st Ave @ Roosevelt Rddn					IL.171 (1st AVE.) AT VAN BUREN STREET					372	2018-016-RS-SW-1	COOK	142	120
	PLOT SCALE = 40.0000 ' / 1 in.	CHECKED - SN	REVISED -					SCALE: SHEET OF SHEETS STA. TO STA.					CONTRACT NO. 62G47				
Default	PLOT DATE = 10/18/2018	DATE - 10/17/2018	REVISED -										ILLINOIS FED. AID PROJECT				

NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION,
"DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING,
RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.



REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	487	FOOT

FILE NAME =	USER NAME = nguyensm	DESIGNED - SN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN IL 171 (1st AVE.) AT MAYBROOK DRIVE	SCALE:	SHEET OF SHEETS	STA. TO STA.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\WP\Design\SN\B. of Design - Detector	Loops Replacement - Resurfacing project -	DRAWN - ADA\	REVISED -						372	2018-016-RS-SW-1	COOK	142	121
PLOT SCALE = 40,0000 ' / in.	CHECKED - SN	REVIS	REVISED -						CONTRACT NO. 62647				
Default	PLOT DATE = 10/18/2018	DATE - 10/17/2018	REVISED -						ILLINOIS FED. AID PROJECT				

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.

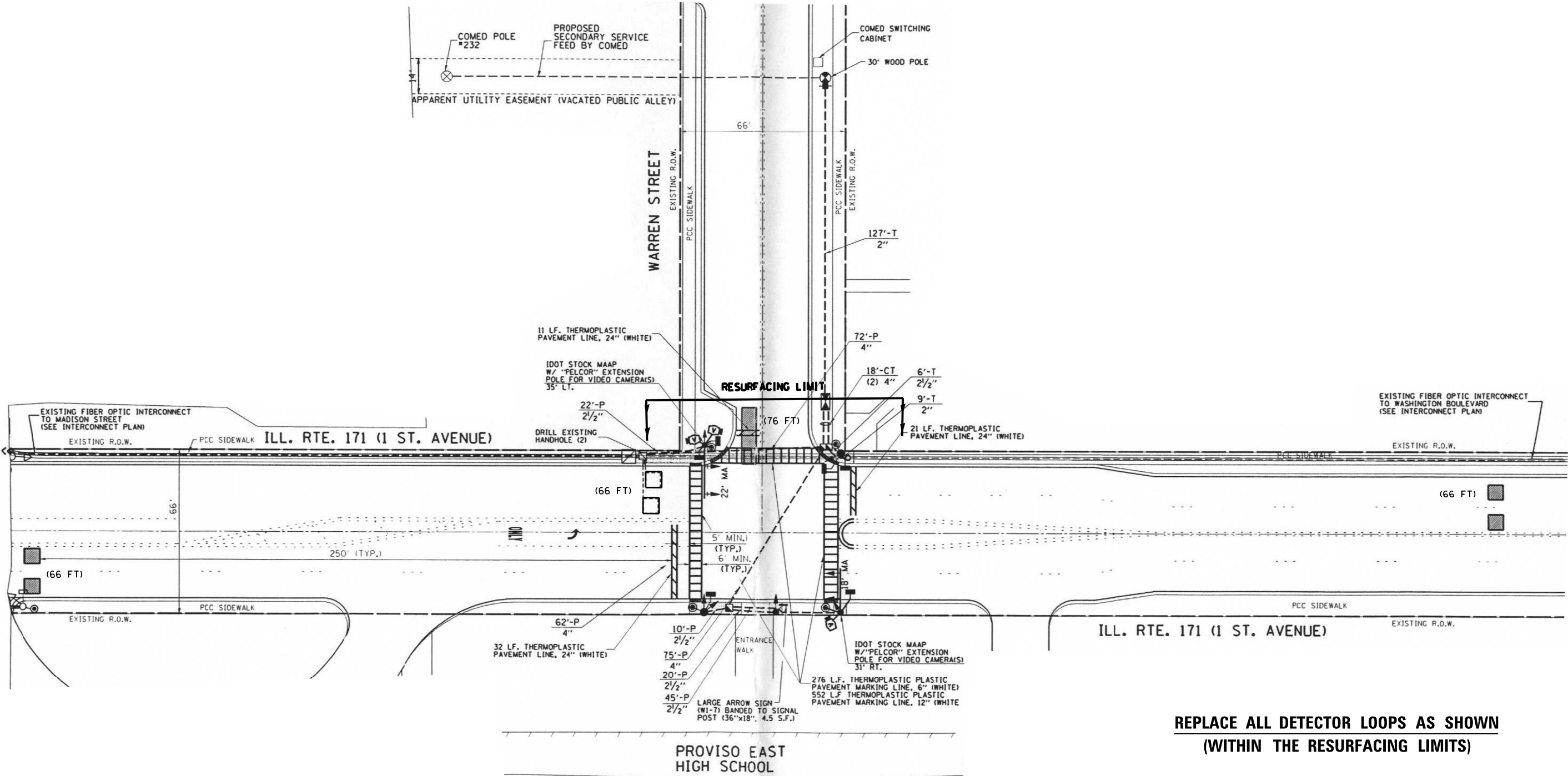


CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	652	FOOT

FILE NAME =	USER NAME = nguyensm	DESIGNED - SN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN IL.171 (1st AVE.) AT MADISON STREET				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\WP\Design\SN\B_of Design - Detector	Loops Replacement - Resurfacing project - S	DRAWN - ADA	REVISED - IL 471 1st Ave @ Madison St						372	2018-016-R5-SW-1	COOK	142	122
	PLOT SCALE = 40.0000' / in.	CHECKED - SN	REVISED -		CONTRACT NO. 62G47								
Default	PLOT DATE = 10/18/2018	DATE - 10/17/2018	REVISED -										
				SCALE:	SHEET	OF	SHEETS	STA.	TO STA.				

NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION,
"DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING,
RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.



REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	274	FOOT

FILE NAME =	USER NAME = nguyensm	DESIGNED - SN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN ILL.171 (1st AVE.) AT WARREN STREET	SCALE:	SHEET OF SHEETS STA. TO STA.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\WP\Design\SN\B. of Design - Detector	Loops Replacement - Resurfacing project - S	DRAWN - ADA\	REVISED - IL 171 1st Ave @ Warren					372	2018-016-RS-SW-1	COOK	142	123
Default	PLOT SCALE = 40.0000' / in.	CHECKED - SN	REVISED -					CONTRACT NO. 62647				
	PLOT DATE = 10/18/2018	DATE - 10/17/2018	REVISED -					ILLINOIS FED. AID PROJECT				

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.

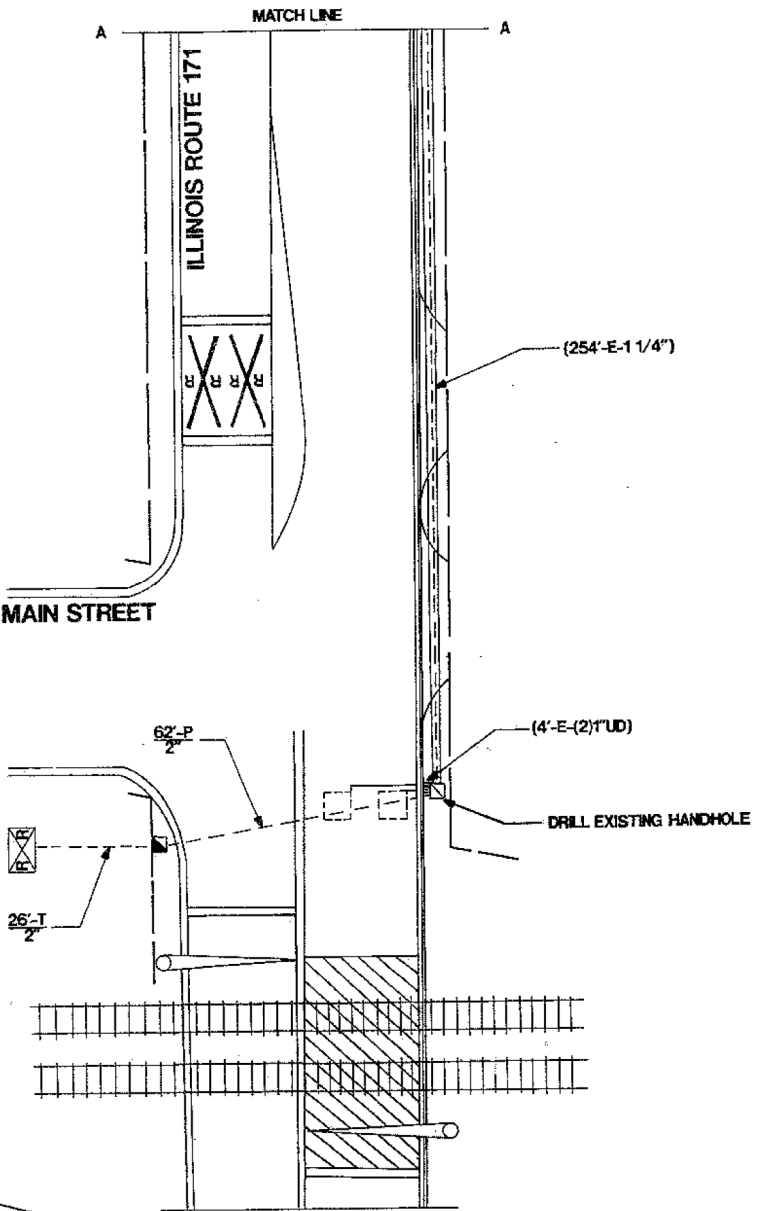
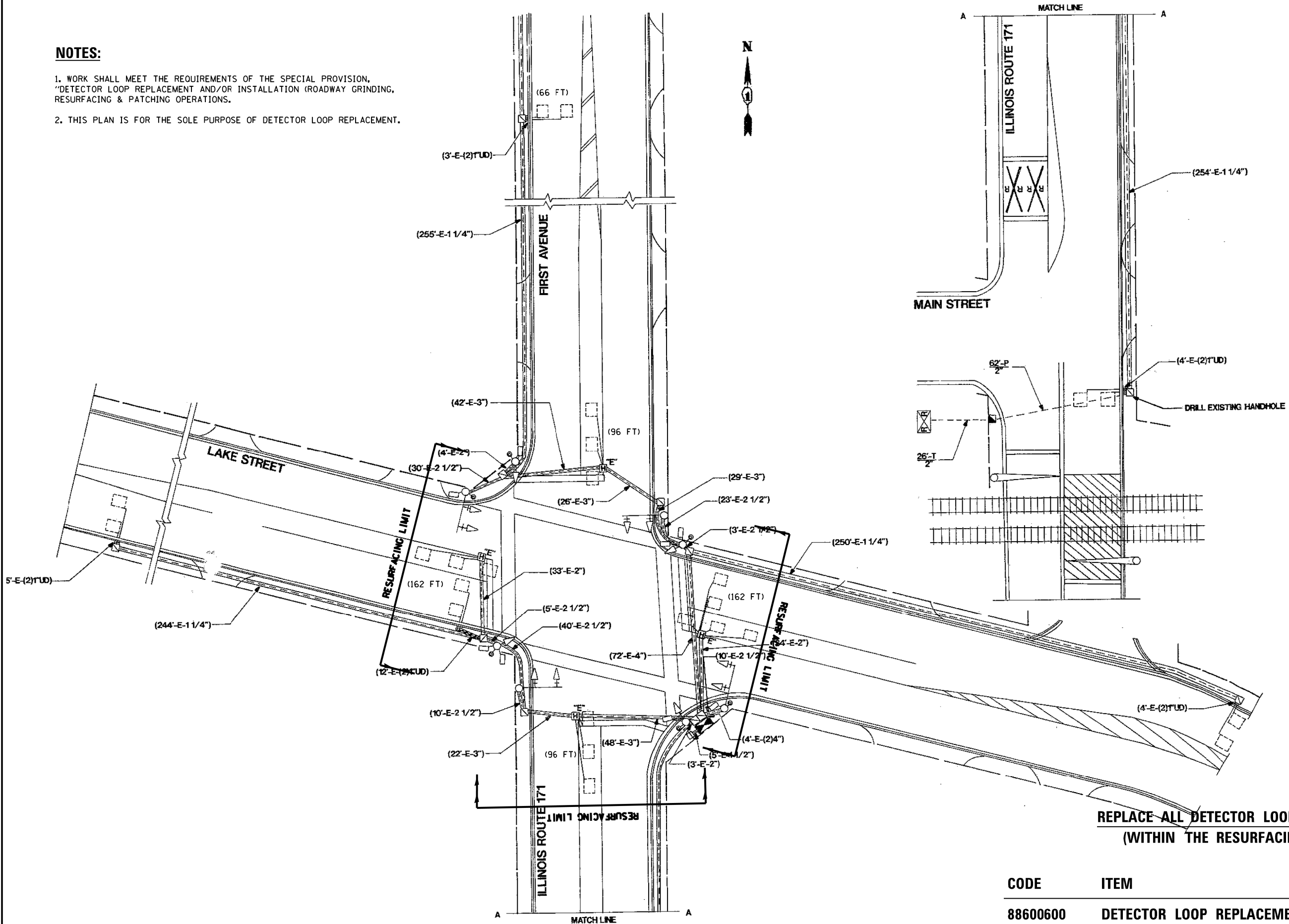


CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	516	FOOT

FILE NAME =	USER NAME = nguyensm	DESIGNED - SN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN IL.171 (1st AVE.) AT WASHINGTON BLVD.					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\WP\Design\SN\B_of Design - Detector	Loops Replacement - Resurfacing project - S	DRAWN - ADAN.D	REVISED - IL 471 1st Ave @ Washington.dgn							372	2018-016-R5-SW-1	COOK	142	124
PLOT SCALE = 40.0000' / in.	CHECKED - SN	REVISED -	CONTRACT NO. 62G47											
PLOT DATE = 10/18/2018	DATE - 10/17/2018	REVISED -	SCALE:		SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT				

NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION,
"DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING,
RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.



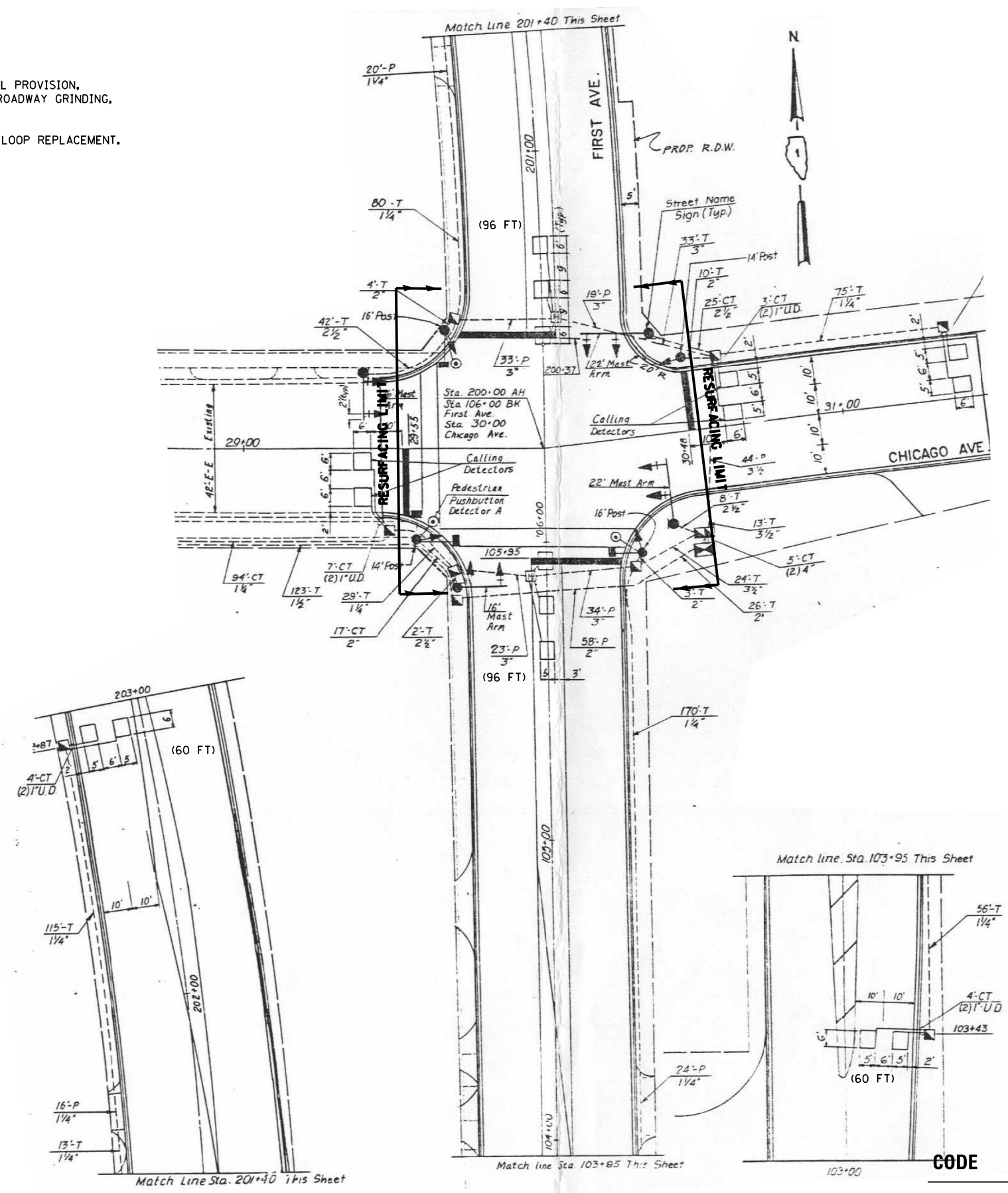
REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	582	FOOT

FILE NAME =	USER NAME = nguyensm	DESIGNED - SN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN IL.171 (1st AVE.) AT LAKE STREET				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\WP\Design\SN\B. of Design - Detector	Loops Replacement - Resurfacing project -	DRAWN - ADA\J.D.SN	REVISED IL 171 1st Ave @ Lake St		372	2018-016-RS-SW-1		COOK	142	125			
Default	PLOT SCALE = 40.0000' / in.	CHECKED - SN	REVISED -		CONTRACT NO. 62647								
	PLOT DATE = 10/18/2018	DATE - 10/17/2018	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION,
"DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING,
RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.



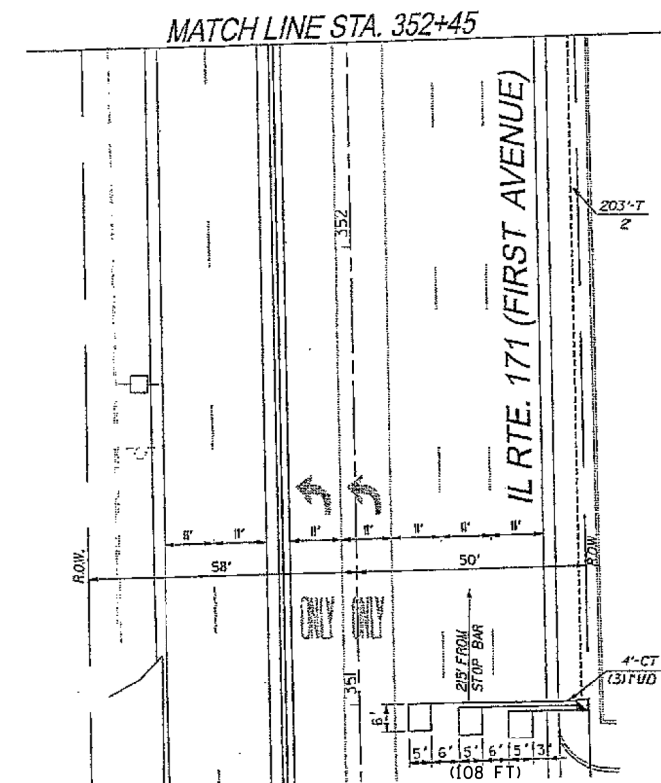
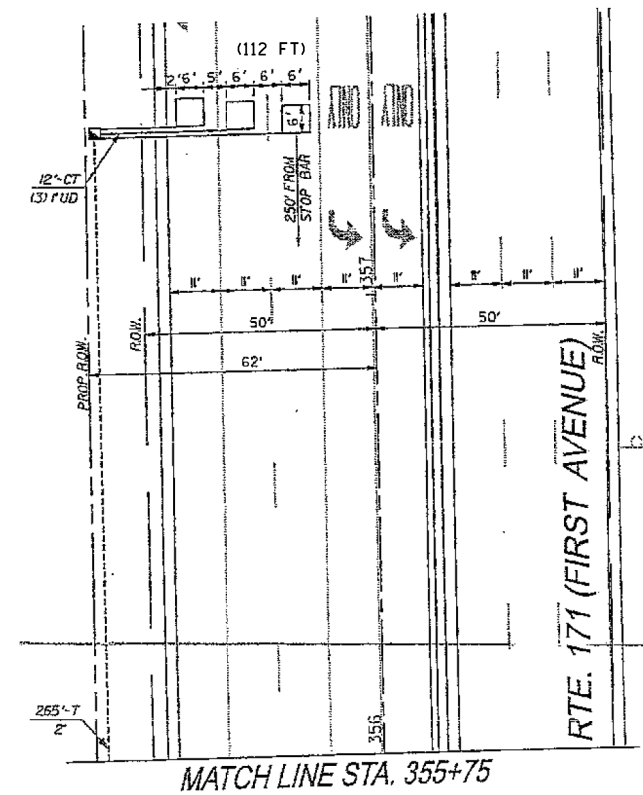
REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	312	FOOT

FILE NAME =	USER NAME = nguyensm	DESIGNED - SN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN IL.171 (1st AVE.) AT CHICAGO AVE.	SCALE: SHEET OF SHEETS STA. TO STA.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\WP\Design\SN\B of Design - Detector	Loops Replacement - Resurfacing project - S	DRAWN - ADA\J.D.S	REVISED IL 471 1st Ave @ Chicago.dgn				372	2018-016-RS-SW-1	COOK	142	126
PLOT SCALE = 40.0000' / in.	CHECKED - SN	REVISED -	REVISED -				CONTRACT NO. 62647				
Default	PLOT DATE = 10/18/2018	DATE - 10/17/2018	REVISED -				ILLINOIS FED. AID PROJECT				

NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.



**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	576	FOOT

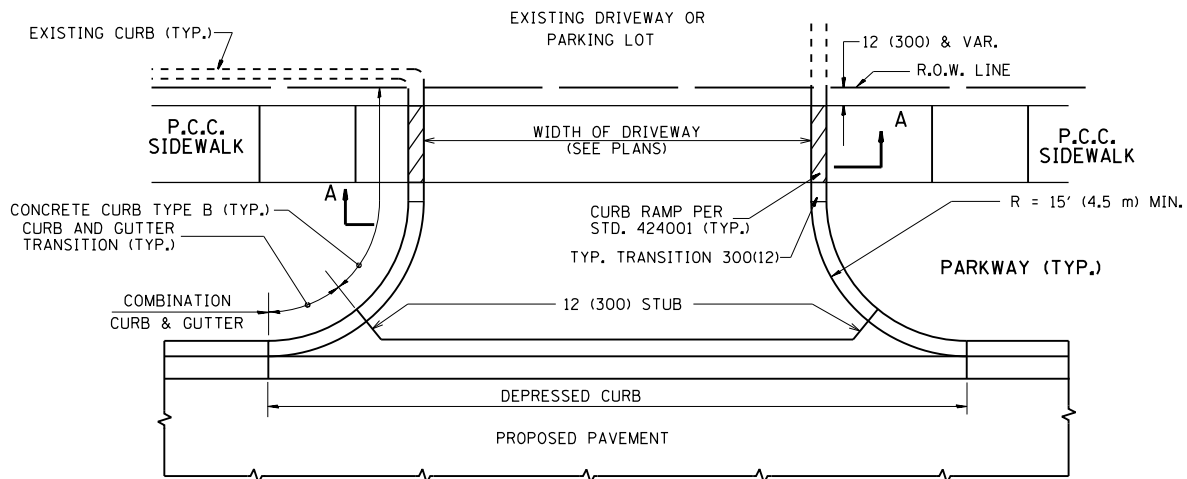
FILE NAME =	USER NAME = nguyenam	DESIGNED - SN	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN IL.171 (1st AVE.) AT IL.64 (NORTH AVE.)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S:\WP\Design\SN\B. of Design - Detector	Loops Replacement - Resurfacing project - S	DRAWN - ADA\OS\gn\2013\62647\CADD	REVISED IL-64 North Ave @ IL 171.dgn							
PLOT SCALE = 40.0000' / in.	CHECKED - SN	REVISOR -	REVISOR -							
PLOT DATE = 10/19/2018	DATE - 10/17/2018	REVISOR -	REVISOR -							
Default				SCALE:		SHEET OF SHEETS				
							ILLINOIS FED. AID PROJECT			

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS).
2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.

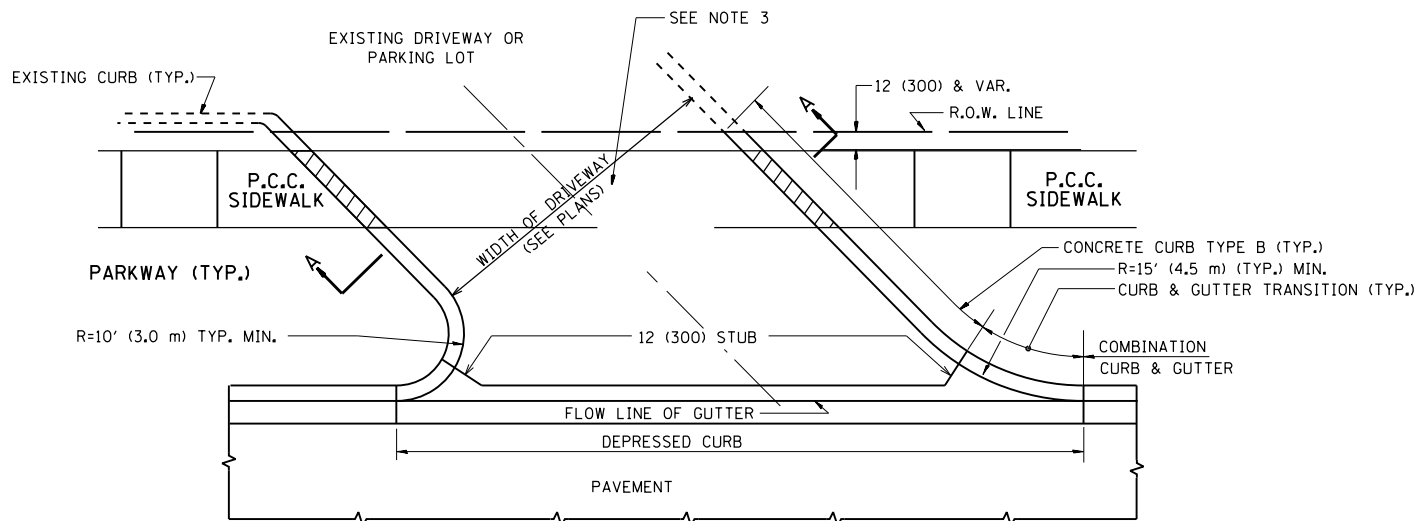


CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	180	FOOT

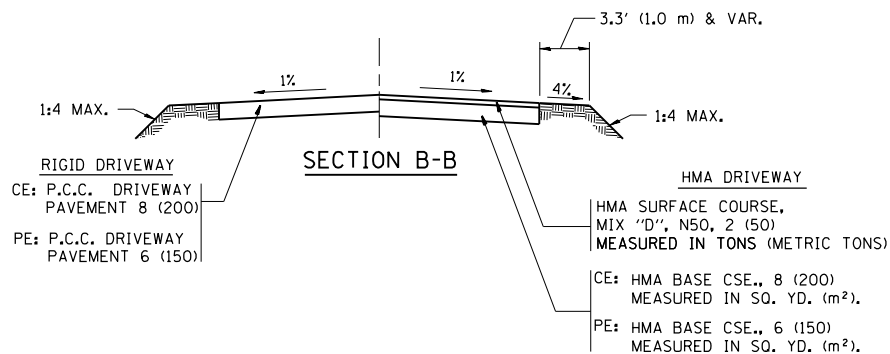
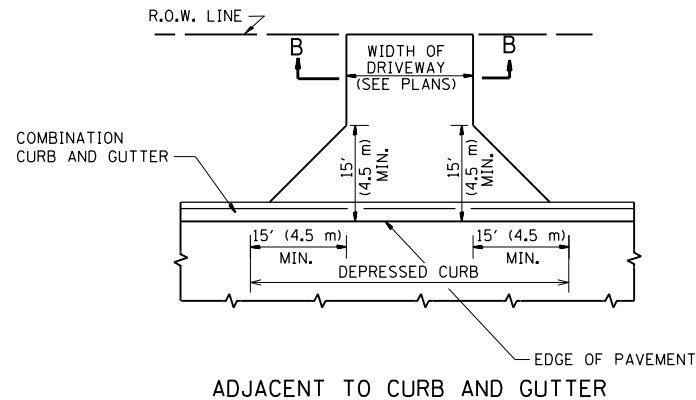
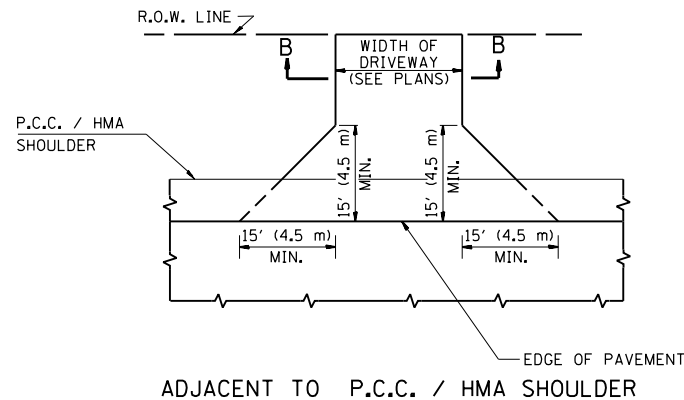
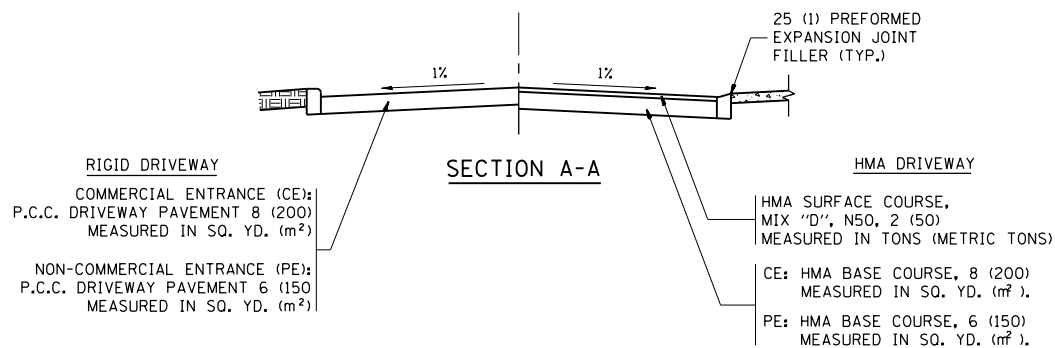
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St:\WP\Design\SN\B.of Design - Detector	Loops Replacement - Resurfacing project - S	DRAWN - ADAN.DS	REVISED IL 171 1st Ave @ Des Plaines River Rd.dgn			372	2018-016-R5-SW-1	COOK	142	128	
	PLOT SCALE = 40.0000' / 1in.	CHECKED - SN	REVISED -			CONTRACT NO. 62624					
Default	PLOT DATE = 10/19/2018	DATE = 10/17/2018	REVISED -			SCALE:	SHEET OF	SHEETS STA.	TO STA.	ILLINOIS FED. AID PROJECT	



WITH CONCRETE CURB, TYPE B



WITH CONCRETE CURB, TYPE B



RURAL FIELD ENTRANCE (FE)
HMA SURFACE COURSE,
MIX 'D', N50, 2 (50)
MEASURED IN TONS (METRIC TONS)
AGGREGATE BASE CSE., TYPE B, 8 (200)
MEASURED IN SQ. YD. (m²).

GENERAL NOTES:

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.

COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

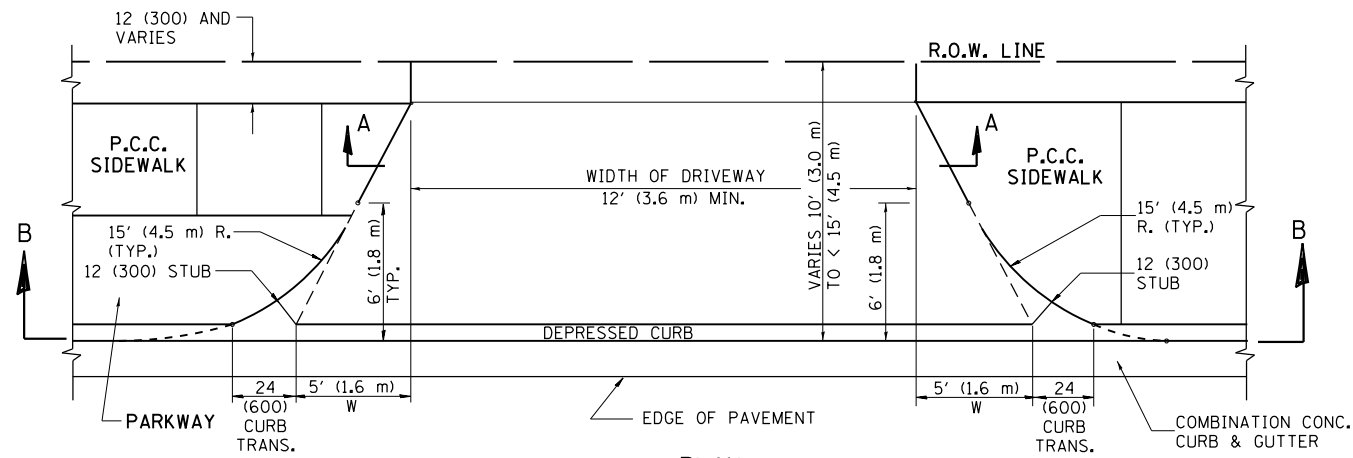
1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

WHEN THE P.C.C. SIDEWALK EXTENDS THROUGH THE DRIVEWAY, THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY AREA SHALL BE THE SAME AS THE DRIVEWAY THICKNESS. SIDEWALK WILL BE PAID FOR AS P.C.C. SIDEWALK OF THE THICKNESS SPECIFIED. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

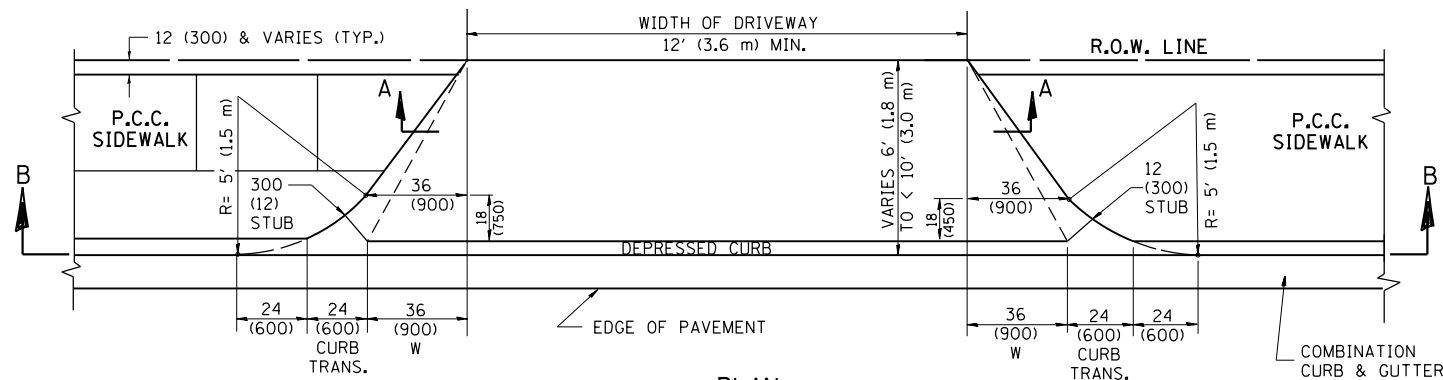
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p:\1\084EBID\INTEG\Illinois.gov\PI\DOT\Documents\DOT Offices\District 1\Projects\DI307\BROWNS\Design\DistStd.dgn		REVISED - R. BORO 01-01-07	REVISED - R. BORO 01-01-07
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - R. BORO 06-11-08
	PLOT DATE = 1/7/2019	DATE - 11-04-95	REVISED - R. BORO 09-06-11

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

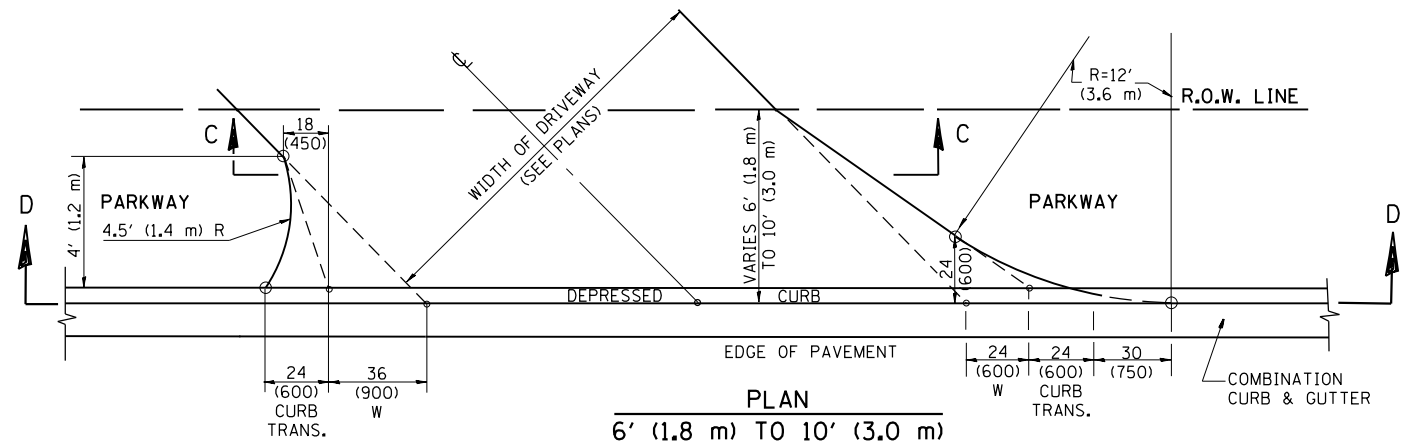
DRIVEWAY DETAILS – DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER >= 15' (4.5 m)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				372	2018-016-R5&SW-1	COOK	142	128A
				BD0156-07 (BD-01)		CONTRACT NO. 62G47		
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS		STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



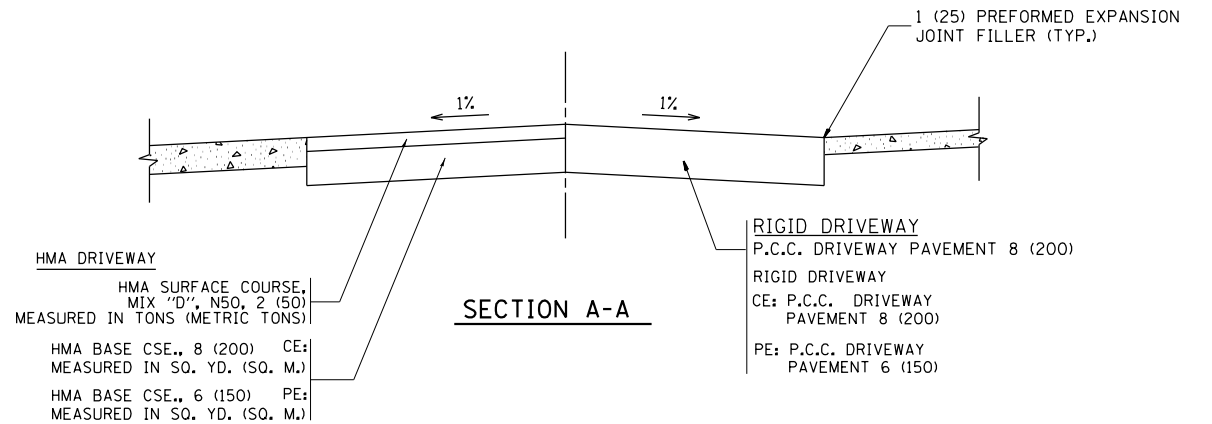
PLAN
10' (3.0 m) TO < 15' (4.5 m)



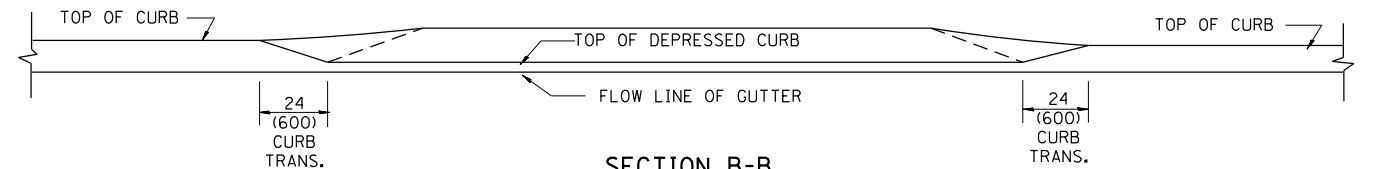
PLAN
6' (1.8 m) TO < 10' (3.0 m)



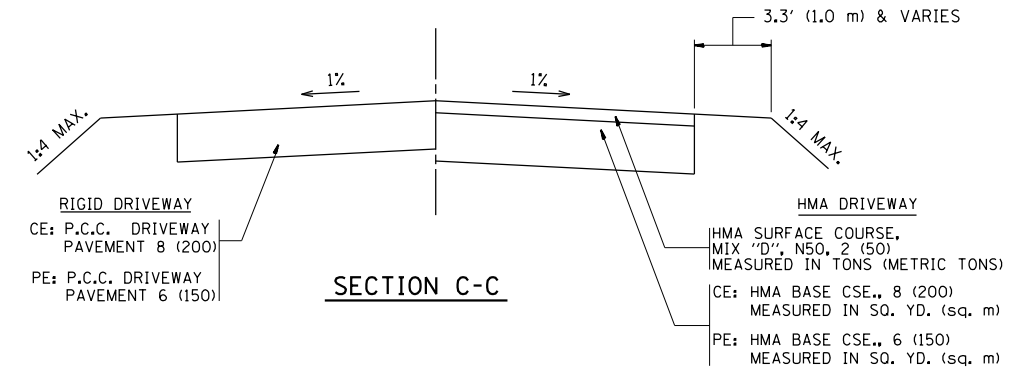
PLAN
6' (1.8 m) TO 10' (3.0 m)



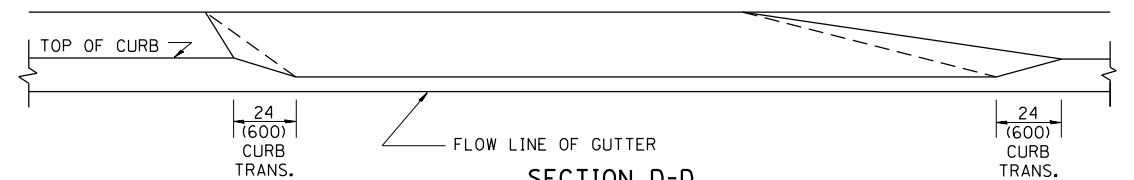
SECTION A-A



SECTION B-B



SECTION C-C



SECTION D-D

GENERAL NOTES

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATION 10 IN THE PERMIT HANDBOOK. WHERE SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED WITH RIGID PAVEMENT. WHERE NO SIDEWALKS EXIST, DRIVEWAYS SHALL BE REPLACED IN KIND. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

WHEN THE DISTANCE BETWEEN R.O.W. AND THE BACK OF CURB IS EQUAL TO OR LESS THAN 8' (2.4 m), THE P.C.C. SIDEWALK SHALL EXTEND TO THE BACK OF CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

THE 1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

"W" VARIES FROM 36 (900) TO 5' (1.5 m) PROPORTIONAL TO THE LENGTH (L), FROM 6' (1.8 m) TO 10' (3 m).

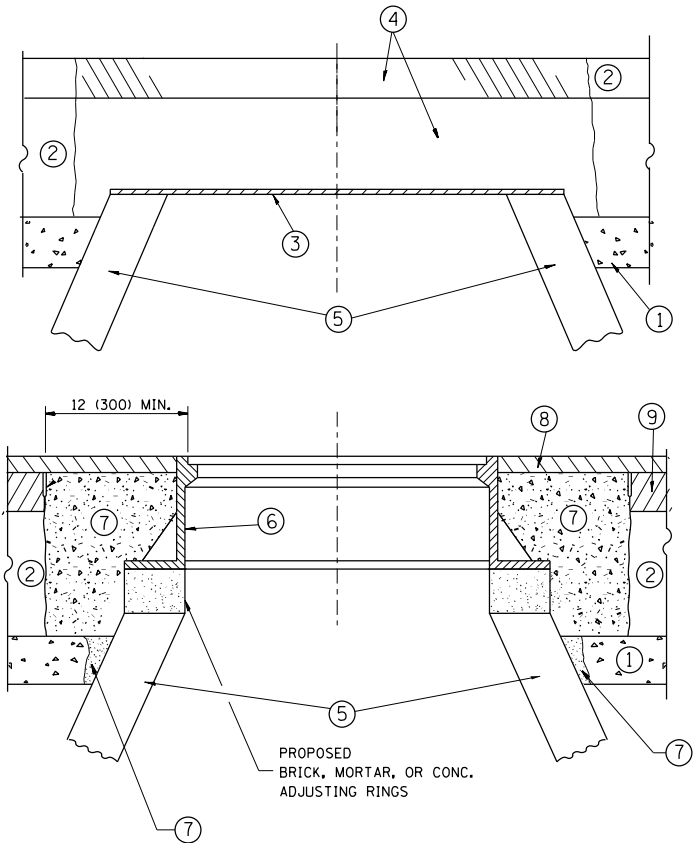
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED.

FILE NAME =	USER NAME = kalorm	DESIGNED - R. SHAH	REVISED - M. GOMEZ 04-06-01
p:\1\084EBID\INTEG\illinois.gov\PI\DOT\Documents\DOT Offices\District 1\Projects\DI307\BROWN\Design\DistStd.dgn		REVISED - P. LaFLEUR 04-15-03	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - R. BORO 01-01-07	
PLOT DATE = 1/7/2019	DATE - 11-06-95	REVISED - R. BORO 01-01-07	

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

DRIVEWAY DETAILS			
DISTANCE BETWEEN ROW AND FACE OF CURB < 15' (4.5 m)			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2018-016-RS&SW-1	COOK	142	128B
BD400-02 (BD-02)		CONTRACT NO. 62G47		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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.

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.

CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

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

STAGE 2 (AFTER PAVEMENT MILLING)

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

* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

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

LEGEND

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

LOCATION OF STRUCTURES:

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

BASIS OF PAYMENT:

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)."

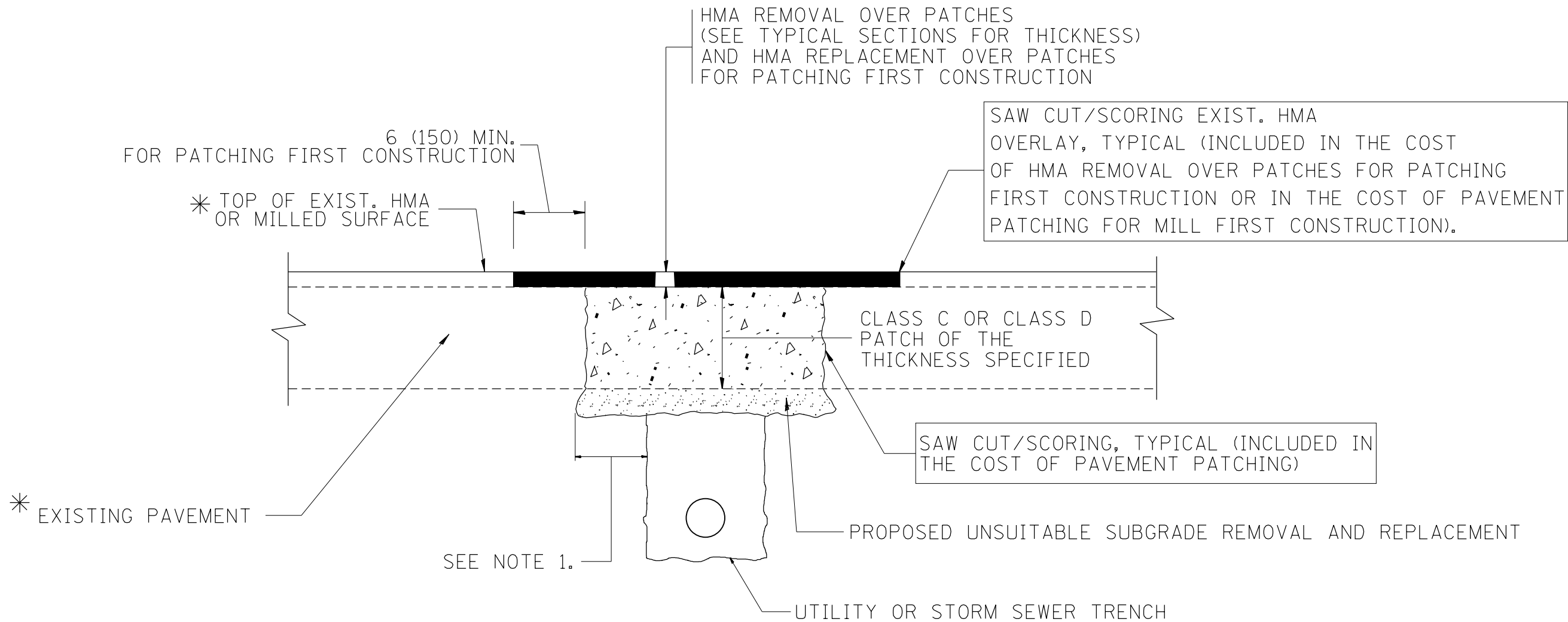
THIS WORK WILL NOT BE PAID FOR WHEN DRAINAGE AND UTILITY STRUCTURES ARE SPECIFIED FOR PAYMENT AS STRUCTURE RECONSTRUCTION.

NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME = p:\1\084EBIDINTEG\Illinois.gov\PWIDOT\Documents\IDOT Offices\District 1\Projects\DI307\BROWN\Notes\Design\DistStd.dgn	USER NAME = kalorm	DESIGNED - R. SHAH	REVISED - R. WIEDEMAN 05-14-04	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED -	REVISED - R. BORO 01-01-07					372	2018-016-R5&SW-1	COOK	142	129
		PLOT SCALE = 100.0000' / in.	REVISED - R. BORO 03-09-11					BD600-03 (BD-8)		CONTRACT NO.	62G47	
		DATE = 12/11/2018	REVISED - R. BORO 12-06-11					FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
SCALE: NONE					SHEET NO. 1 OF 1 SHEETS			STA. TO STA.				



* SEE TYPICAL SECTIONS FOR THICKNESS AND MATERIALS

NOTES:

1. THE WIDTH OF THE FULL DEPTH PATCH OVER A TRENCH SHALL BE 12 (300) WIDER ON EACH SIDE OF THE TRENCH.
2. FOR METHOD OF MEASUREMENT AND BASIS OF PAYMENT, SEE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL".

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

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

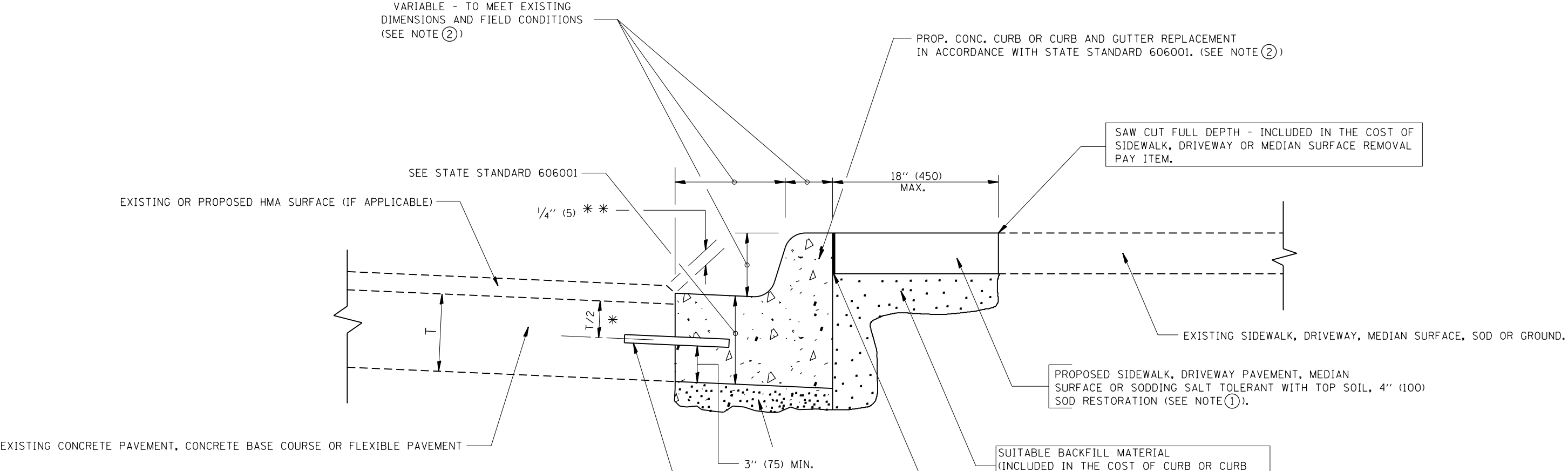
SEQUENCE OF CONSTRUCTION (MILLING FIRST)

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

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

FILE NAME =	USER NAME = kalorm	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11\084EBID\INTEG\Illinois.gov\PWIDOT\Documents\IDOT Offices\District 1\Projects\DI307\BROWNS\Design\DistStd.dgn			REVISED - R. BORO 01-01-07					372	2018-016-R5&SW-1	COOK	142	130
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - R. BORO 09-04-07		BD400-04 (BD-22)			CONTRACT NO. 62G47				
	PLOT DATE = 12/11/2018	DATE - 10-25-94	REVISED - K. ENG 10-27-08		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.				

FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT



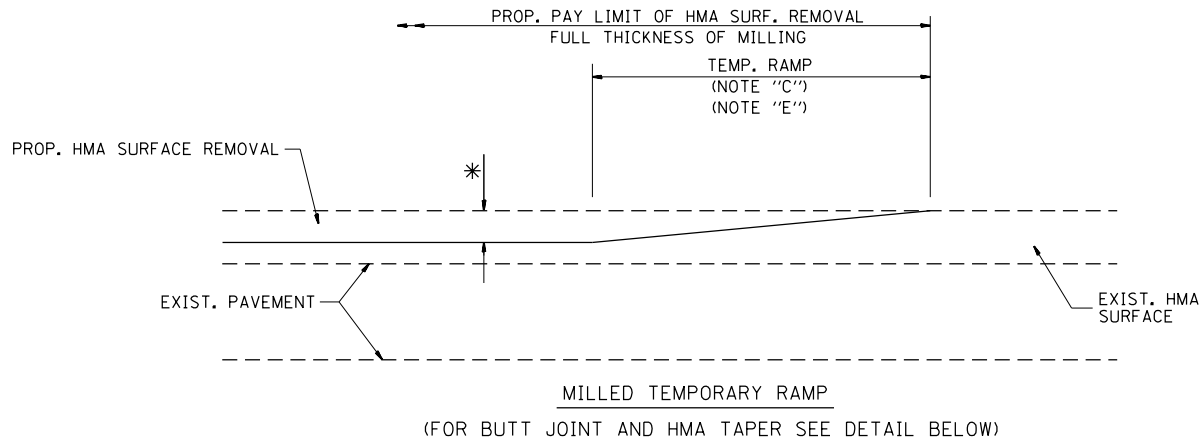
- * 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
- * * IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.
- NOTE: ① SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.
- SODDING, SALT TOLERANT AND TOP SOIL, FURNISH AND PLACE 4" WILL BE PAID FOR SEPARATELY.
- ② FERTILIZER FOR THE PLACEMENT OF THE SOD IS NOT REQUIRED
- ③ CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.
- ④ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.
- ⑤ LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.
- ⑥ THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.
- ⑦ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.
- ⑧ THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

BASIS OF PAYMENT:
THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

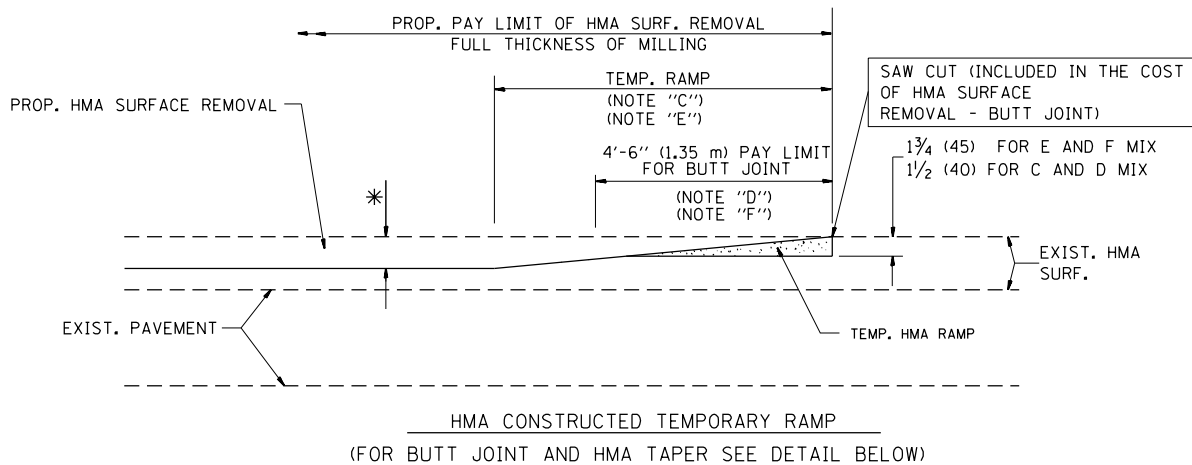
CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

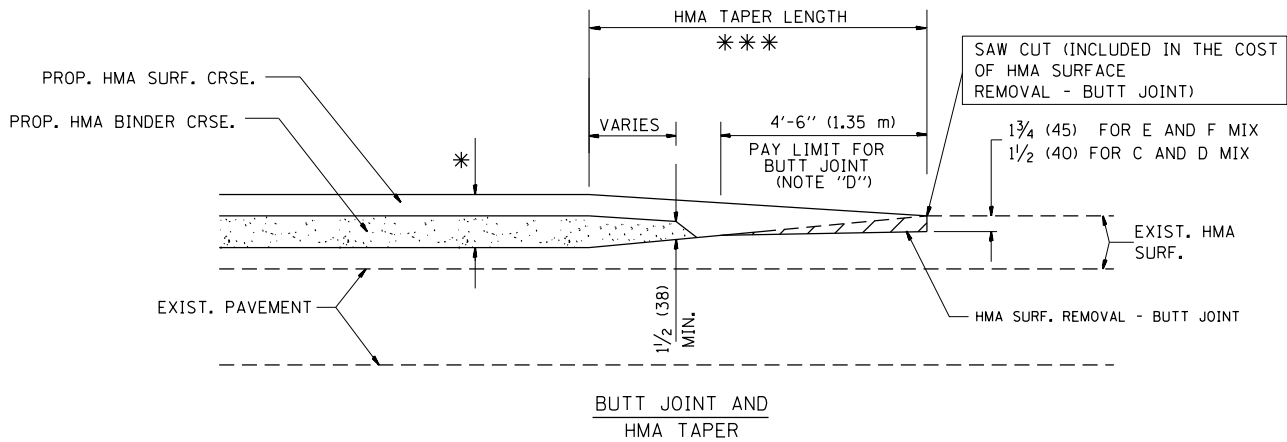
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				REVISED - A. ABBAS 03-21-97					372	2018-016-R5&SW-1	COOK	142	131
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	PLOT DATE = 12/11/2018		DATE - 03-11-94	REVISED - R. BORO 12-15-09					FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
					SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.					



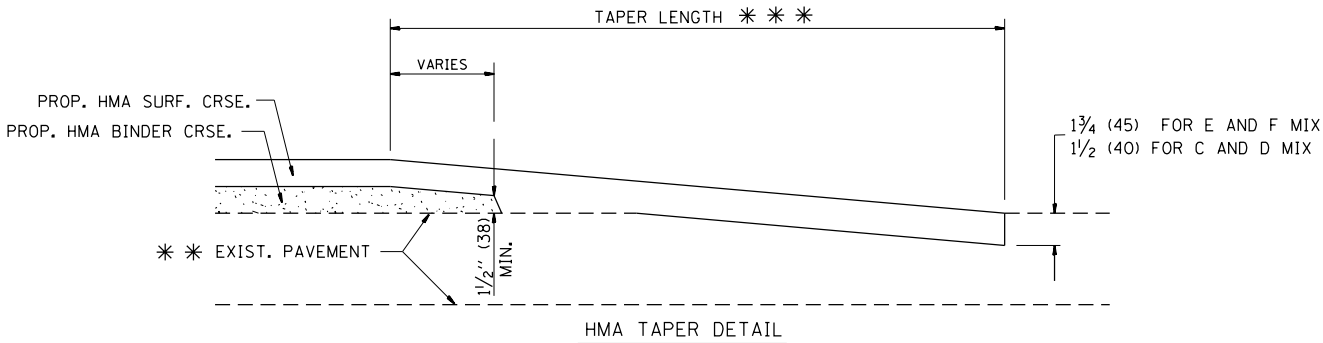
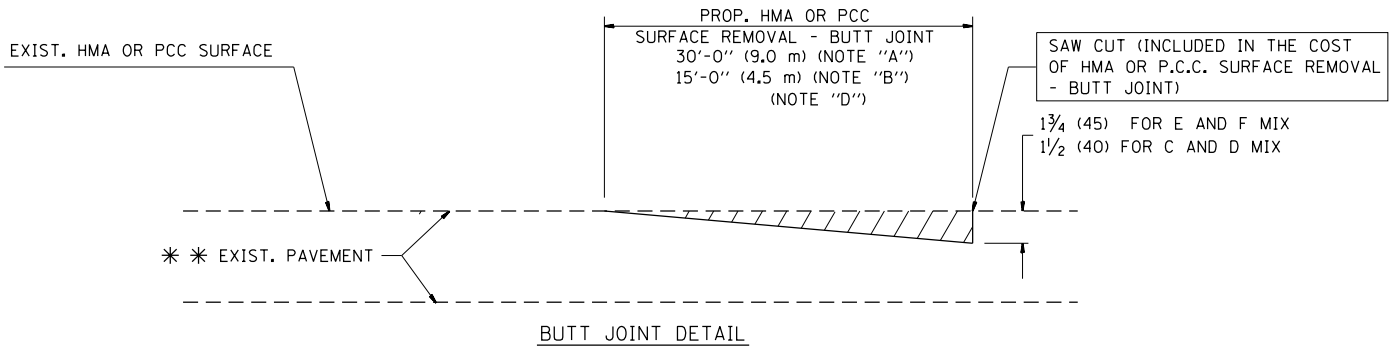
OPTION 1



OPTION 2
TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND HMA TAPER
FOR MILLING AND RESURFACING



TYPICAL BUTT JOINT AND HMA TAPER
FOR RESURFACING ONLY

* * PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

NOTES

- A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
- 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'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
- F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT

G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".

* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.

* * * 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:

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".

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

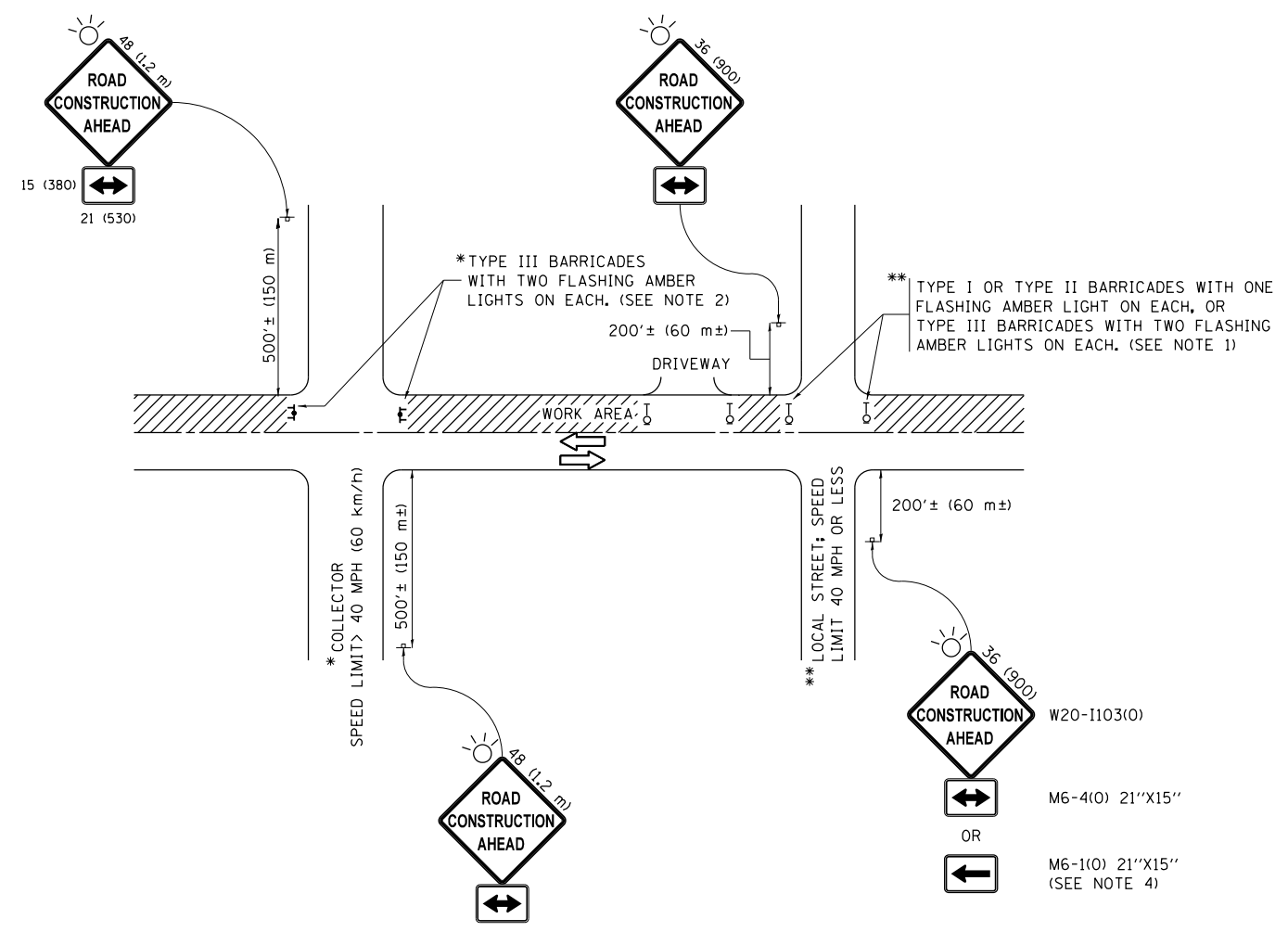
FILE NAME =	USER NAME = kalorm	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
p:\1\1084EBID\INTEG\Illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\DI307\BROWN\Design\DistStd.dgn		REVISED - A. ABBAS 03-21-97	
PLOT SCALE = 100.0000' / in.		CHECKED -	REVISED - M. GOMEZ 04-06-01
PLOT DATE = 12/11/2018		DATE - 06-13-90	REVISED - R. BORO 01-01-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND
HMA TAPER DETAILS

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2018-016-R5&SW-1	COOK	142	132
BD400-05 BD32		CONTRACT NO. 62G47		
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		

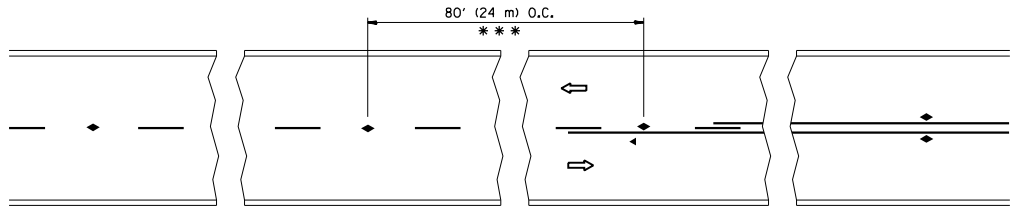


NOTES:

- 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 SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
- ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
- THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

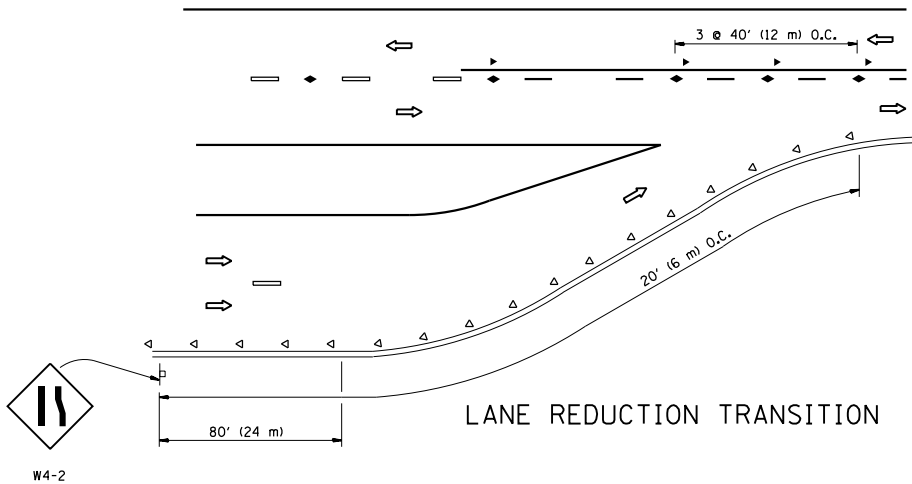
All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = kalorm	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pwt\1\084EBID\INTEG\Illinois.gov\PI\DOT\Documents\IDOT Offices\District 1\Projects\DI307\BROWN\Note\Design\DistStd.dgn			REVISED -T. RAMMACHER 01-06-00		372	2018-016-R5&SW-1	COOK	142	134				
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13		TC-10		CONTRACT NO. 62G47						
Default	PLOT DATE = 12/11/2018	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16		SCALE: NONE		SHEET 1	OF 1	SHEETS	STA.	TO STA.		
											ILLINOIS FED. AID PROJECT		

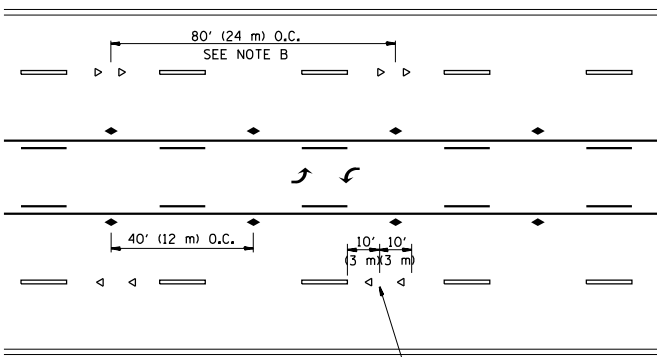


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

TWO-LANE/TWO-WAY

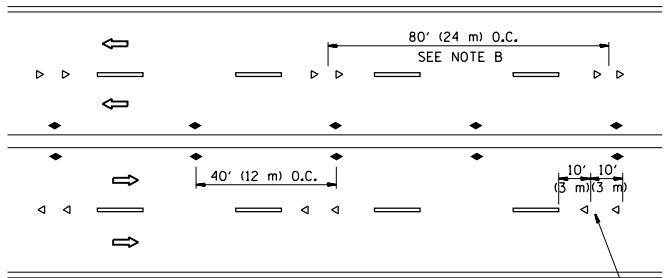


LANE REDUCTION TRANSITION



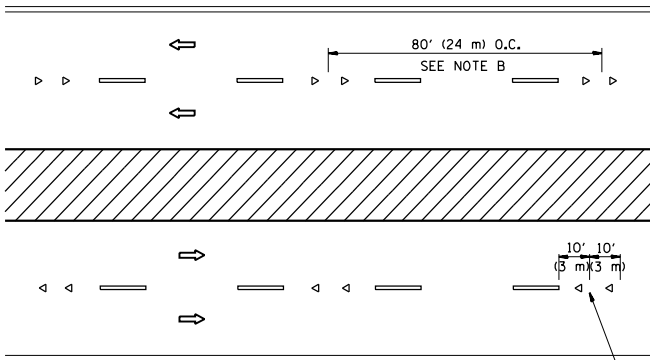
SEE NOTE A

TWO-WAY LEFT TURN



SEE NOTE A

MULTI-LANE/UNDIVIDED



SEE NOTE A

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.

LANE MARKER NOTES

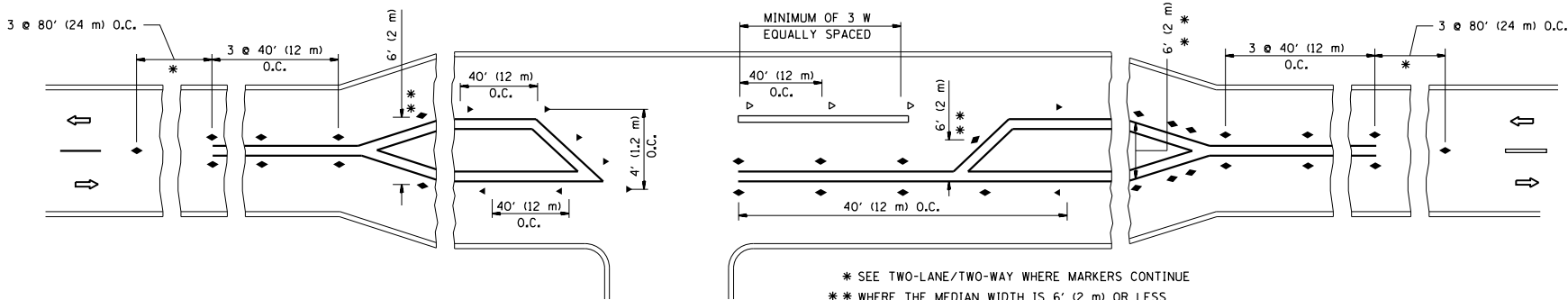
- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 40' (12 m) O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 M.P.H (20 km/h) LOWER THAN POSTED SPEEDS.

SYMBOLS

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

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.

LEFT TURN

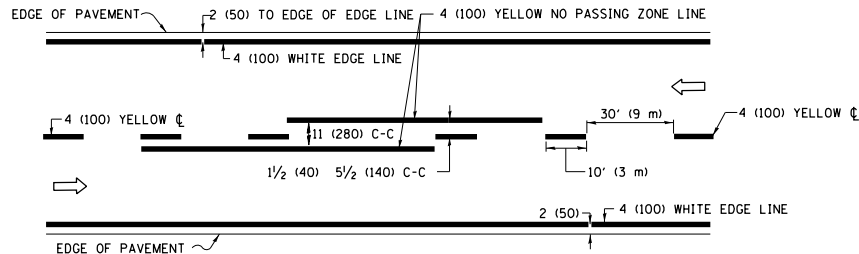
All dimensions are in inches (millimeters)
unless otherwise shown.

FILE NAME =	USER NAME = kalorm	DESIGNED -	REVISED - T. RAMMACHER 09-19-94
p:\1\1084EBID\INTEG\illinois.gov\PI\DOT\Documents\DOT Offices\District 1\Projects\DI307\BROWN\State\Design\DistStd.dgn			REVISED - T. RAMMACHER 03-12-99
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - T. RAMMACHER 01-06-00
	PLOT DATE = 12/11/2018	DATE -	REVISED - C. JUCIUS 09-09-09

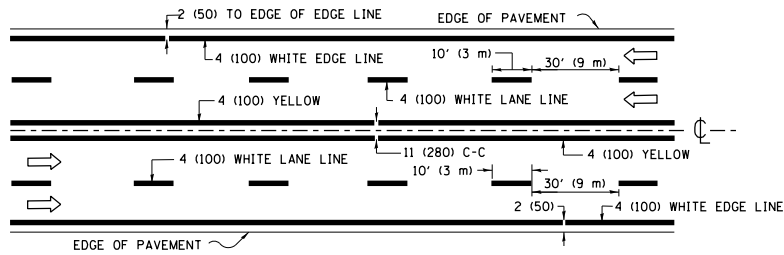
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL APPLICATIONS			
RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)			
SCALE: NONE	SHEET NO. 1	OF 1 SHEETS	STA. TO STA.

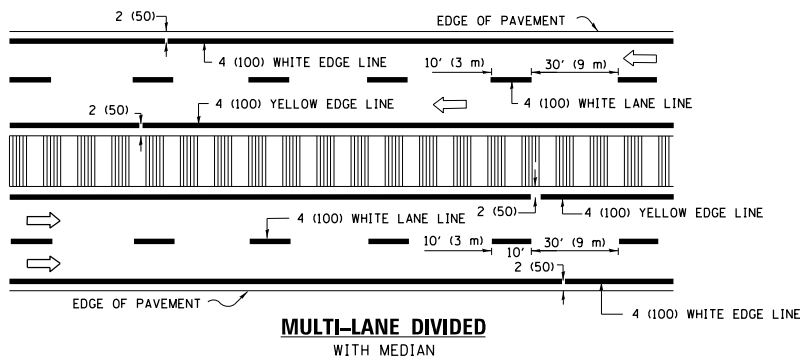
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2018-016-RS&SW-1	COOK	142	135
TC-11		CONTRACT NO. 62G47		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



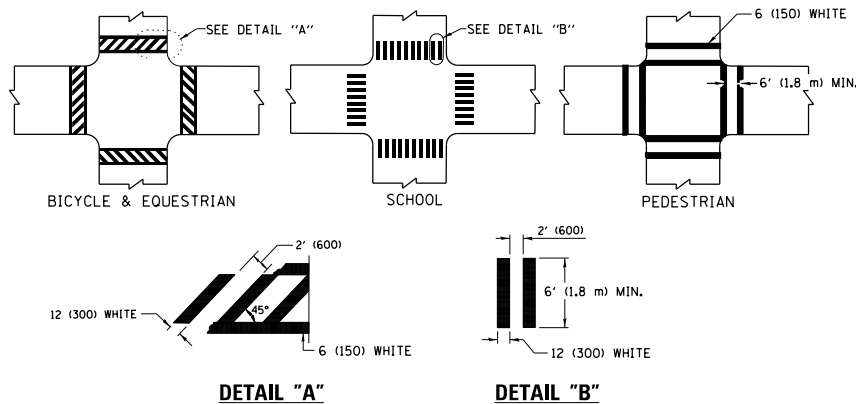
2-LANE ROADWAY



MULTI-LANE UNDIVIDED



TYPICAL LANE AND EDGE LINE MARKING

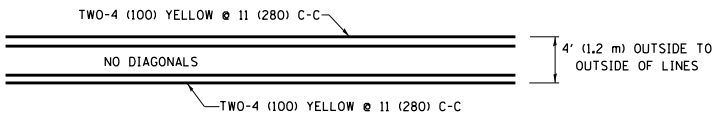


DETAIL "A"

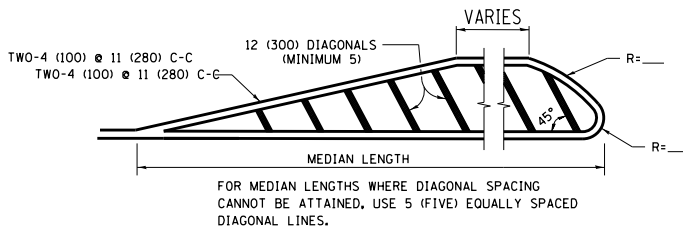
DETAIL "B"

TYPICAL CROSSWALK MARKING

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

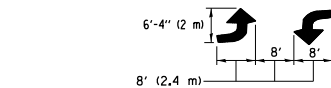
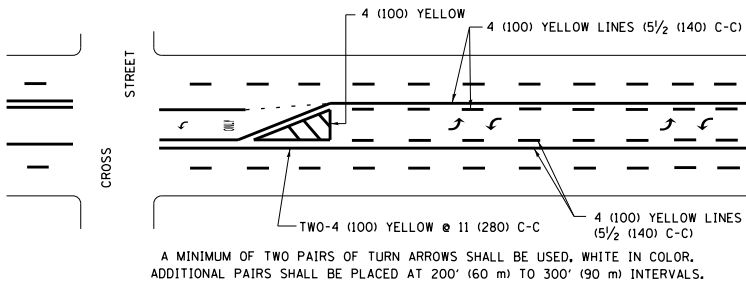


4' (1.2 m) WIDE MEDIANS ONLY



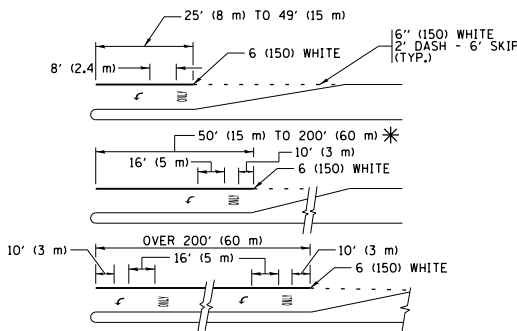
DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

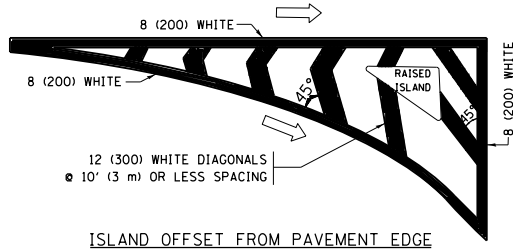


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)

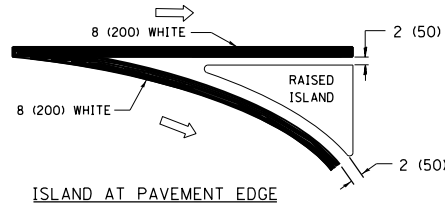
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

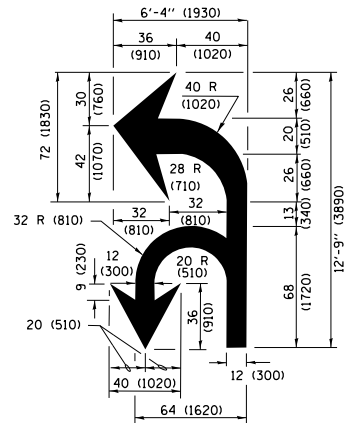


ISLAND OFFSET FROM PAVEMENT EDGE

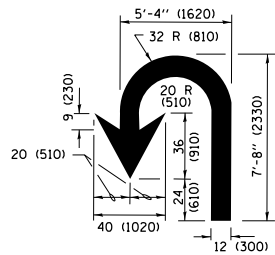


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION

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

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING /REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE: FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT, OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES: "RR" IS 6' (1.8 m) LETTERS: 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

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

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

FILE NAME =	USER NAME = kalorm	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
p:\1\1084EBID\INTEG\Illinois.gov\PIWIDOT\Documents\100T Offices\District 1\Projects\DI307\BROWN\Meta\Design\DistStd.dgn			REVISED - C. JUCIUS 07-01-13
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - C. JUCIUS 12-21-15
	PLOT DATE = 12/11/2018	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
TYPICAL PAVEMENT MARKINGS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2018-016-R5&SW-1	COOK	142	136
TC-13		CONTRACT NO. 62G47		
ILLINOIS		FED. AID PROJECT		

TURN BAY ENTRANCE AT START
OF LANE CLOSURE TAPER

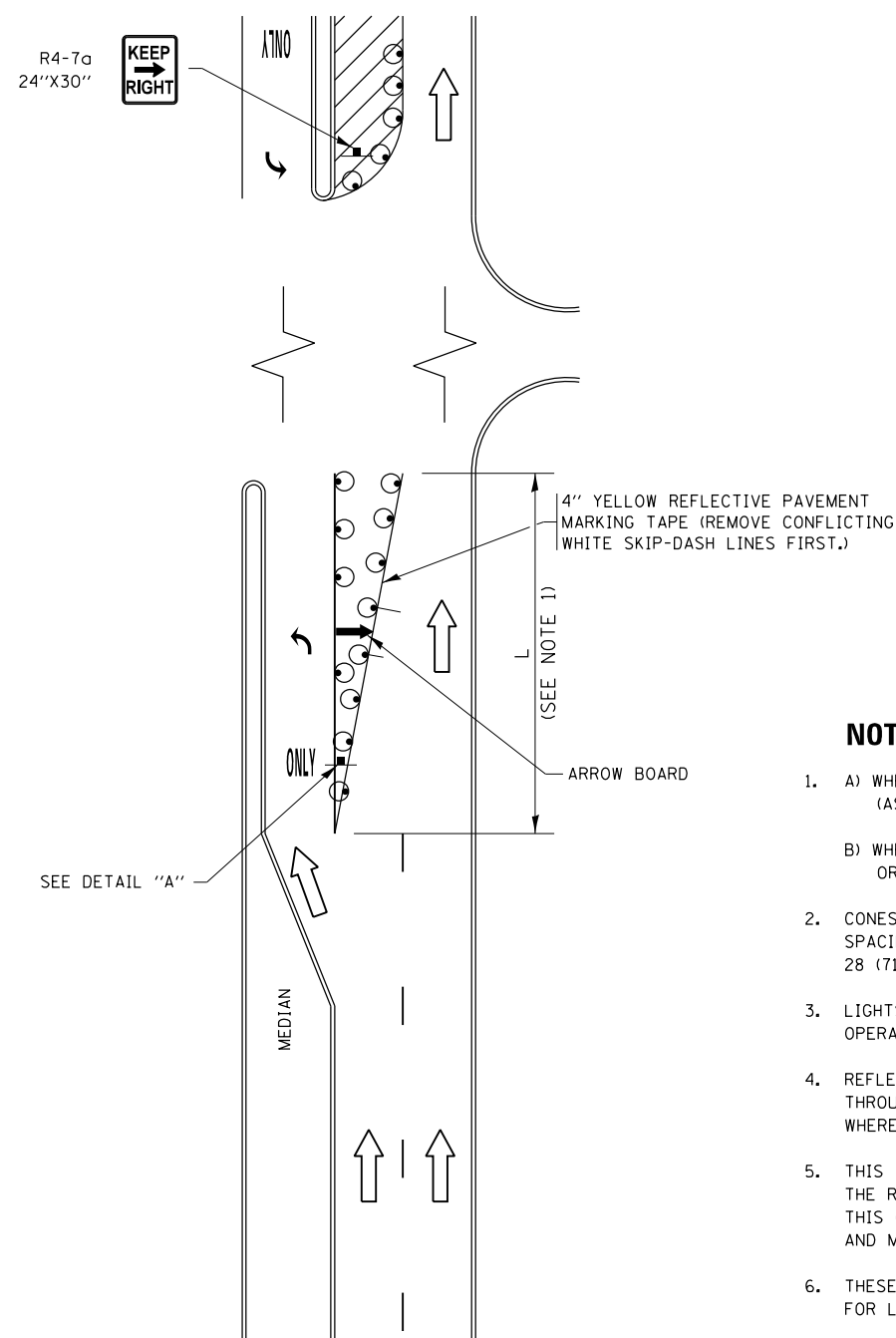
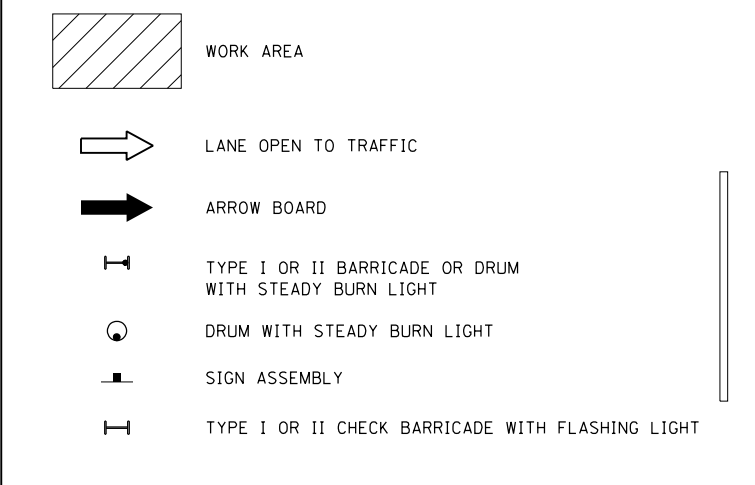


FIGURE 1

LEGEND



NOTES:

1. A) WHEN "L" IS $\leq$ THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.
B) WHEN "L" IS $>$ THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.
5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-1100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH PREQUIREMENTS.
8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

TURN BAY ENTRANCE
WITHIN A LANE CLOSURE

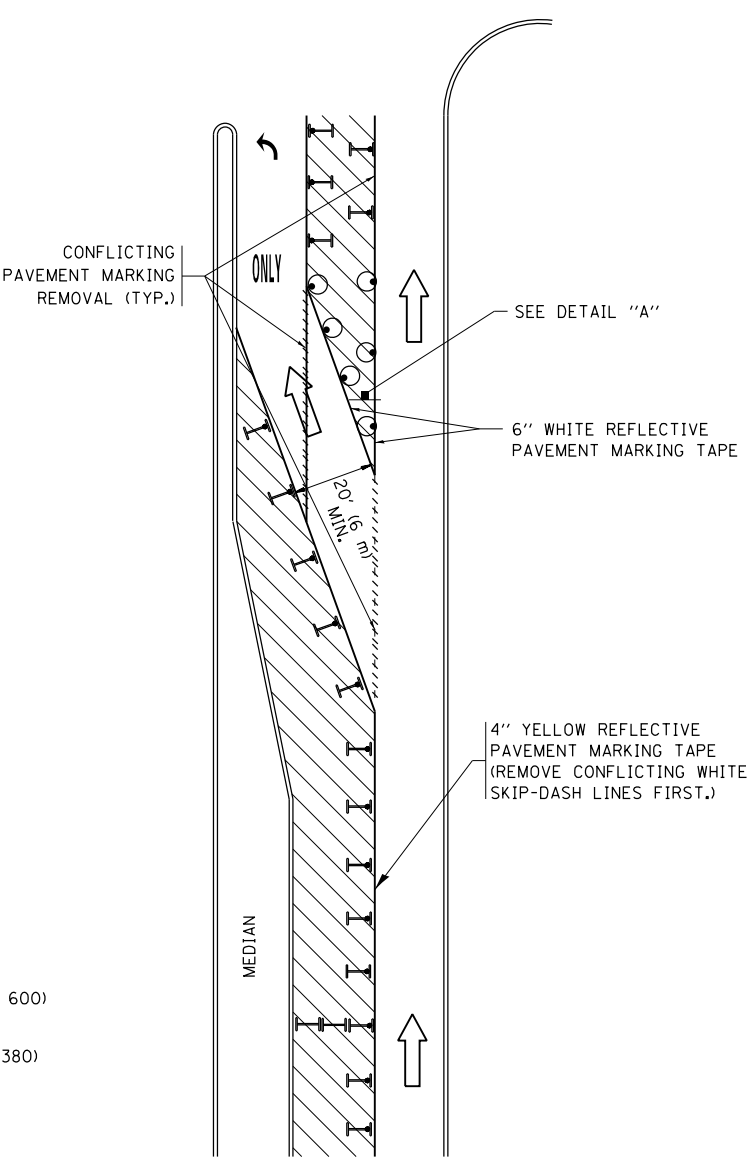
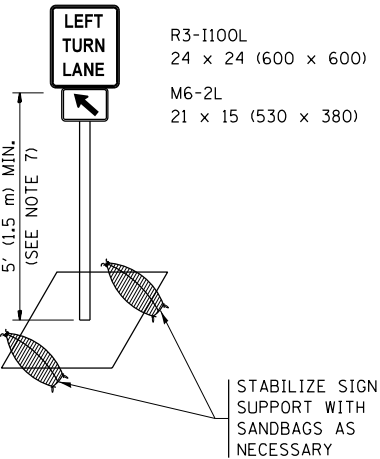


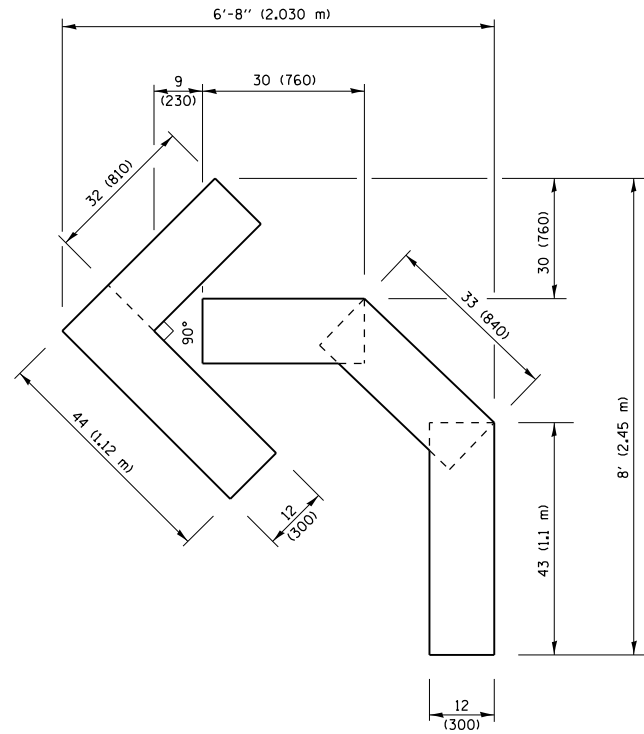
FIGURE 2



DETAIL A

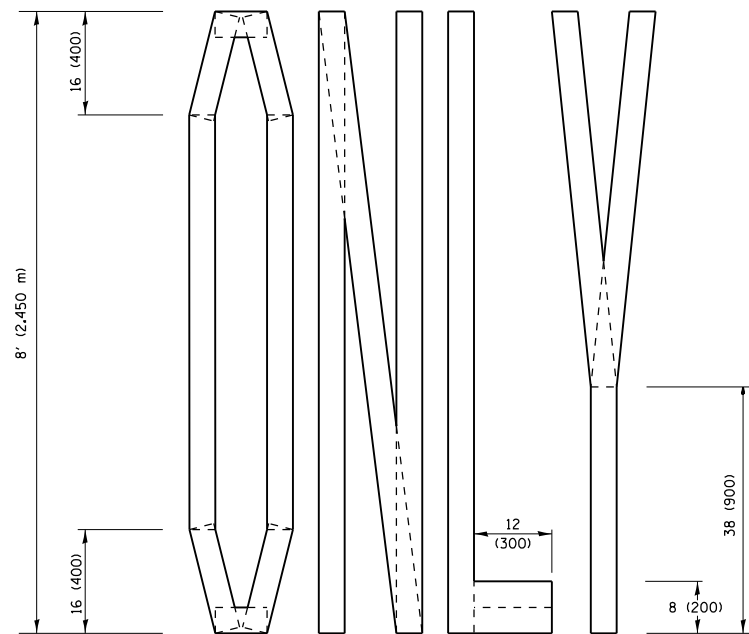
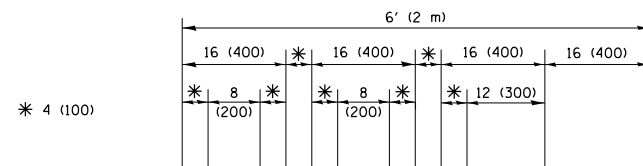
All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME = p:\11\084EBID\INTEG\Illinois.gov\PI\DOT\Documents\IDOT Offices\District 1\Projects\DI307\REVISED\Design\HOUSEH 11-07-95	USER NAME = kalorm	REVISED - T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 100.0000' / in.	REVISED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16						372	2018-016-R5&SW-1	COOK	142	137	
	Default	PLOT DATE = 12/11/2018	REVISED - T. RAMMACHER 01-06-00						REVISED -	TC-14		CONTRACT NO. 62G47		
														ILLINOIS FED. AID PROJECT
		SCALE: NONE	SHEET 1	OF 1	SHEETS	STA.	TO STA.							



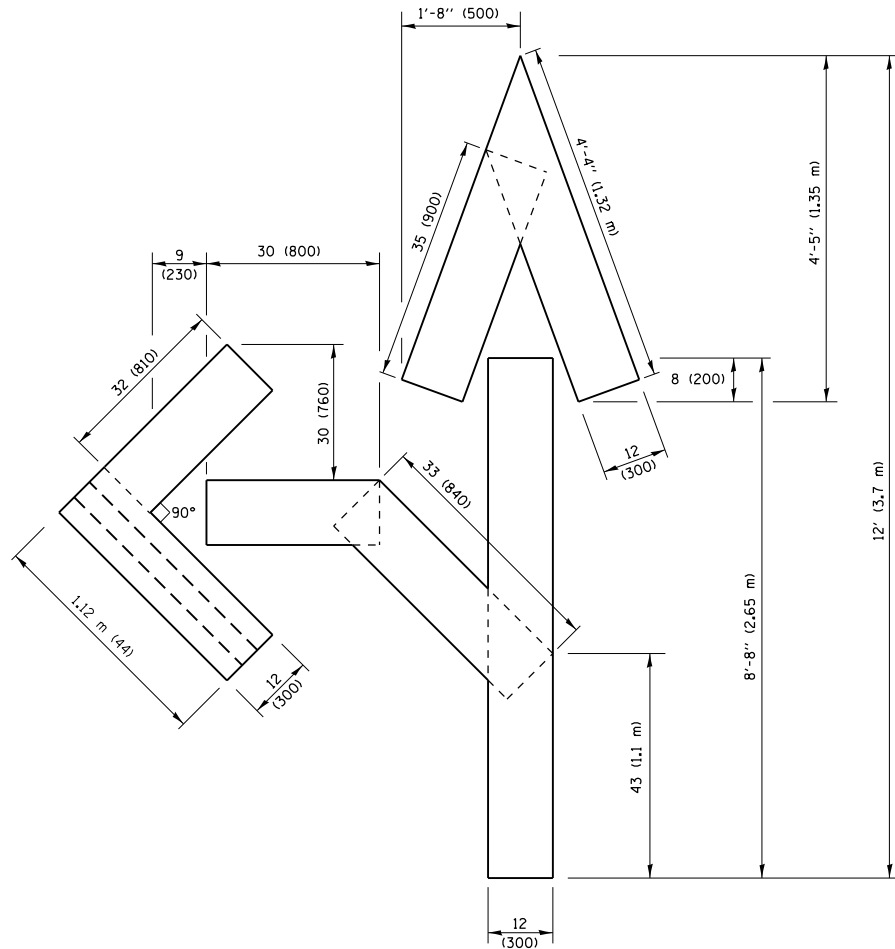
QUANTITY

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



QUANTITY

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

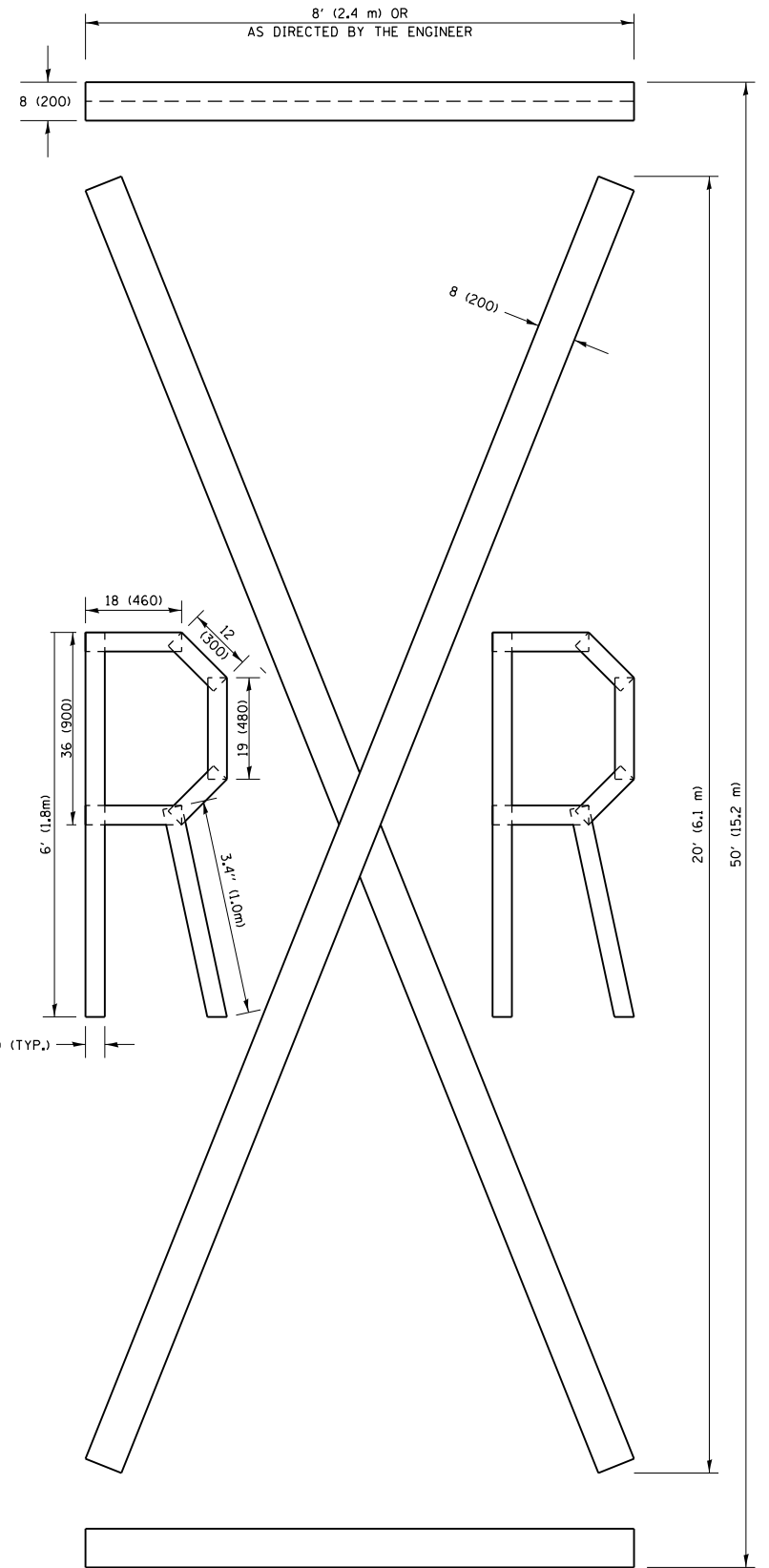


QUANTITY

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

NOTE:

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

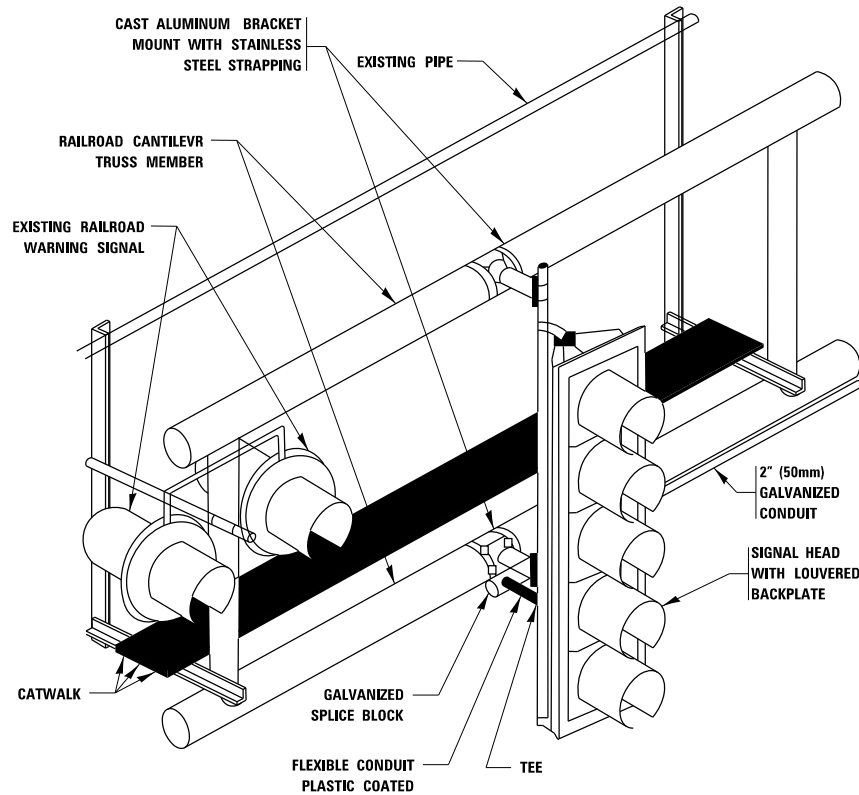


QUANTITY

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

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

FILE NAME = p:\1\1084EBID\INTEG\Illinois.gov\PI\DOT\Documents\IDOT Offices\District 1\Projects\DI307\BROWNS\Browns\Design\DistStd.dgn	USER NAME = kolorm	DESIGNED -	REVISED - T. RAMMACHER 03-02-98	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			REVISED - E. GOMEZ 08-28-00							372	2018-016-R5&SW-1	COOK	142	138
	PLOT SCALE = 100.0010 ' / in.	CHECKED -	REVISED - E. GOMEZ 08-28-00		TC-16					CONTRACT NO. 62G47				
	PLOT DATE = 12/11/2018	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16		SCALE: NONE					FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
					SHEET NO. 1		OF 1		SHEETS		STA.		TO STA.	



RAILROAD CANTILEVER SIGNAL HEAD MOUNTING

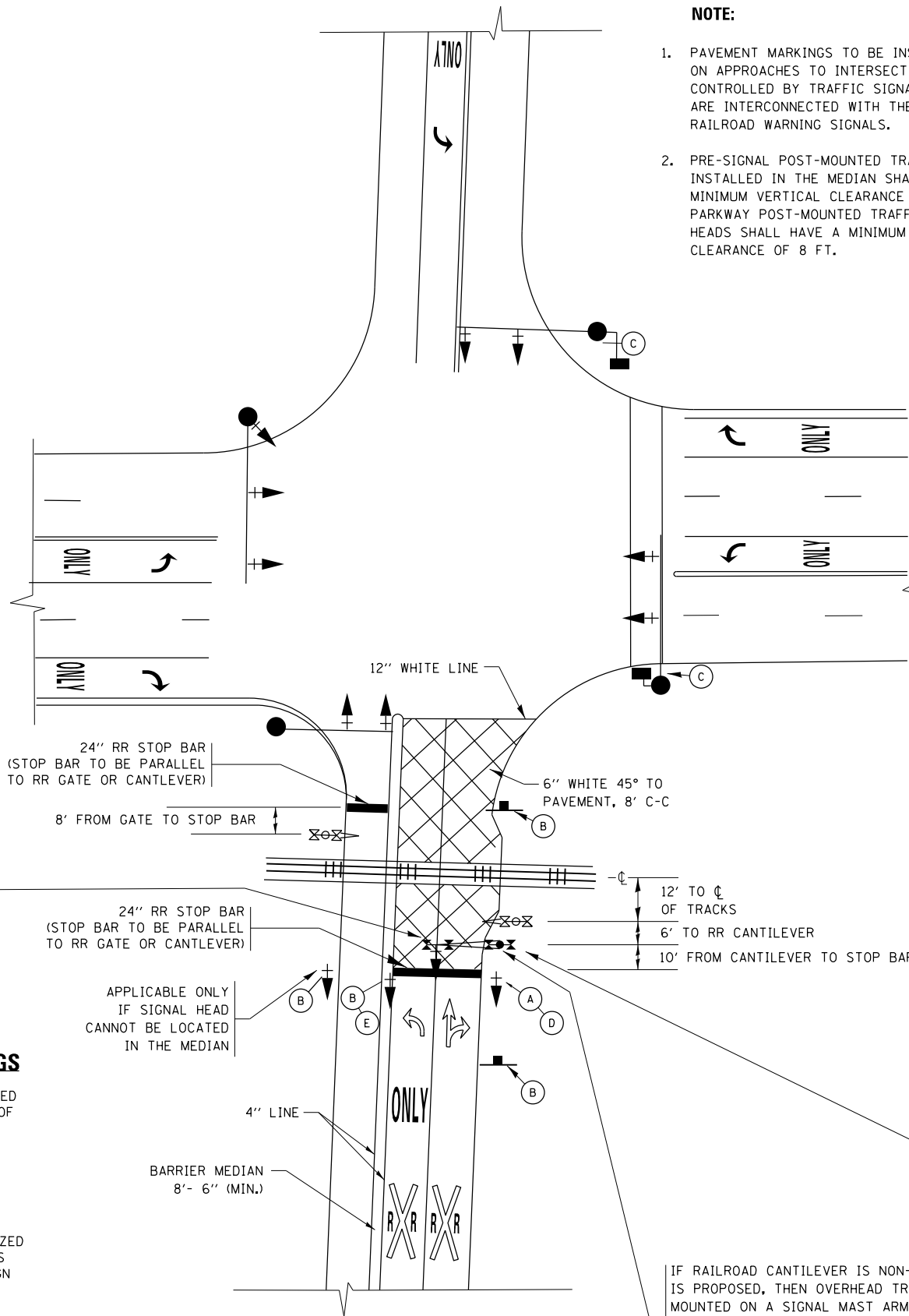
USE NON-CONDUCTIVE SPACERS BETWEEN THE TRAFFIC SIGNAL EQUIPMENT AND THE RAILROAD CANTILEVER TO PREVENT DISSIMILAR METAL CORROSION
N.T.S.

SIGNING AND PAVEMENT MARKING AT RAILROAD CROSSINGS

SIGNING AND PAVEMENT MARKING TRAFFIC CONTROL STANDARD (TC-23) HAS BEEN DEVELOPED IN CONSULTATION WITH THE ILLINOIS COMMERCE COMMISSION AND THE U.S. DEPARTMENT OF TRANSPORTATION'S GRADE CROSSING SAFETY TASK FORCE. THIS STANDARD PROVIDES INFORMATION ON UPDATES TO THE PAVEMENT MARKING AND SIGNING DETAILS IN ORDER TO INCORPORATE CHANGES ADOPTED IN THE 2009 NATIONAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICE (MUTCD). THESE NEW DETAILS HAVE BEEN STUDIED AND TESTED BY THE DEPARTMENT AND ACCEPTED BY THE ILLINOIS COMMERCE COMMISSION.

THIS APPLIES TO PROJECTS WHICH INCLUDE RAILROAD INTERCONNECTED TRAFFIC SIGNALS, WITH OR WITHOUT PRE-SIGNALS. THIS STANDARD ALSO APPLIES TO NON-SIGNALIZED INTERSECTIONS THAT ARE WITHIN 81 FEET OF A RAILROAD GRADE CROSSING. THE ILLINOIS SUPPLEMENT TO THE MUTCD SHOULD BE CONSULTED FOR ADDITIONAL INFORMATION ON SIGN REQUIREMENTS AT NON-SIGNALIZED INTERSECTIONS NEAR RAILROAD GRADE CROSSINGS.

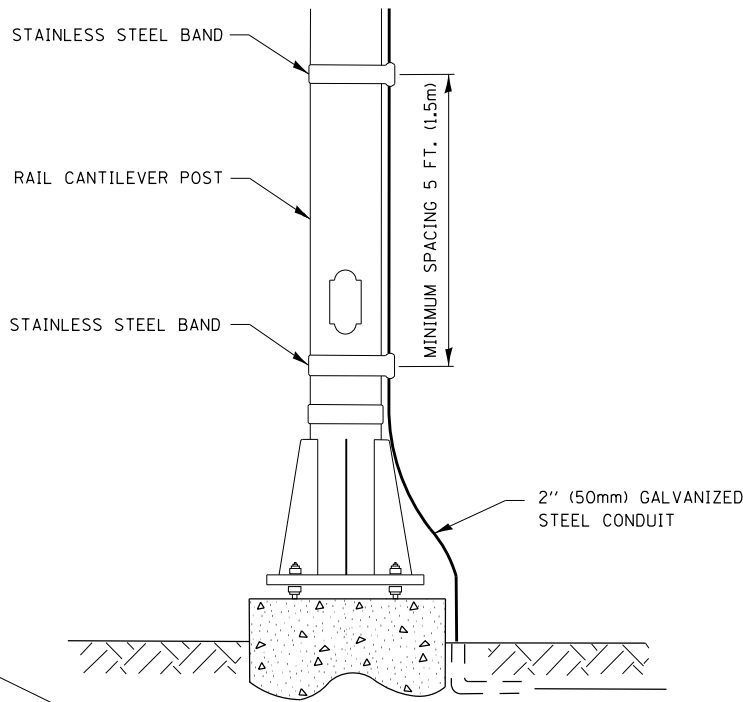
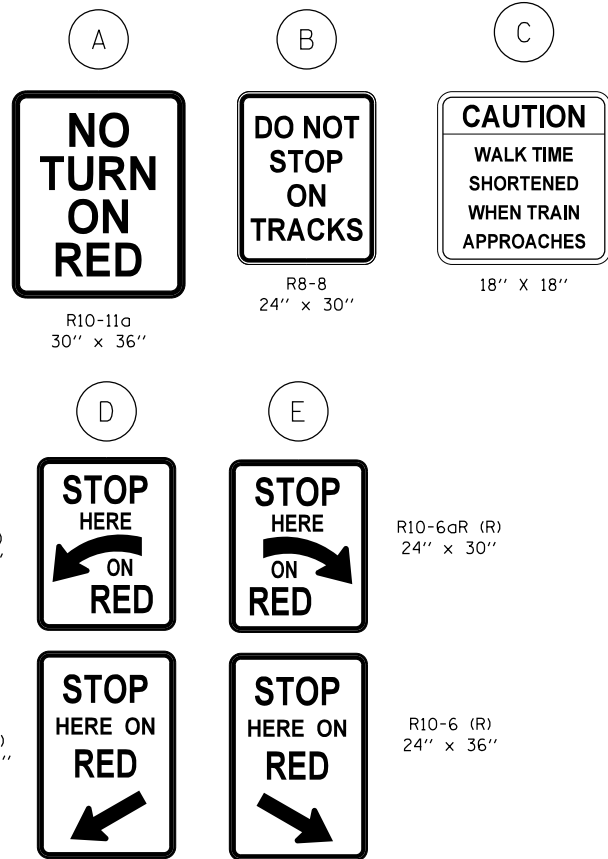
THESE DETAILS WILL BE INCLUDED IN A FUTURE UPDATE TO THE BUREAU OF OPERATIONS TRAFFIC POLICIES AND PROCEDURES MANUAL.



SIGNALIZED INTERSECTION WITH NEAR-SIDE TRAFFIC SIGNAL

NOTE:

- PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
- PRE-SIGNAL POST-MOUNTED TRAFFIC SIGNAL HEADS INSTALLED IN THE MEDIAN SHALL HAVE A MINIMUM VERTICAL CLEARANCE OF 4.5 FT. PARKWAY POST-MOUNTED TRAFFIC SIGNAL HEADS SHALL HAVE A MINIMUM VERTICAL CLEARANCE OF 8 FT.



SIGNAL CONDUIT CONNECTION TO RAIL CANTILEVER DETAIL

USE NON-CONDUCTIVE SPACERS BETWEEN THE TRAFFIC SIGNAL EQUIPMENT AND THE RAILROAD CANTILEVER TO PREVENT DISSIMILAR METAL CORROSION.

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

FILE NAME =	USER NAME = kalorm	DESIGNED -	REVISED - 02-25-11
p:\1\1084EBID\INTEG\Illinois.gov\PI\DOT\Documents\DOT Offices\District 1\Projects\DI307\BROWN\Meta\Design\DistStd.dgn			REVISED - 04-26-12
Default	PLOT SCALE = 100.0001' / in.	CHECKED -	REVISED - A.R. 07-11-16
	PLOT DATE = 1/29/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

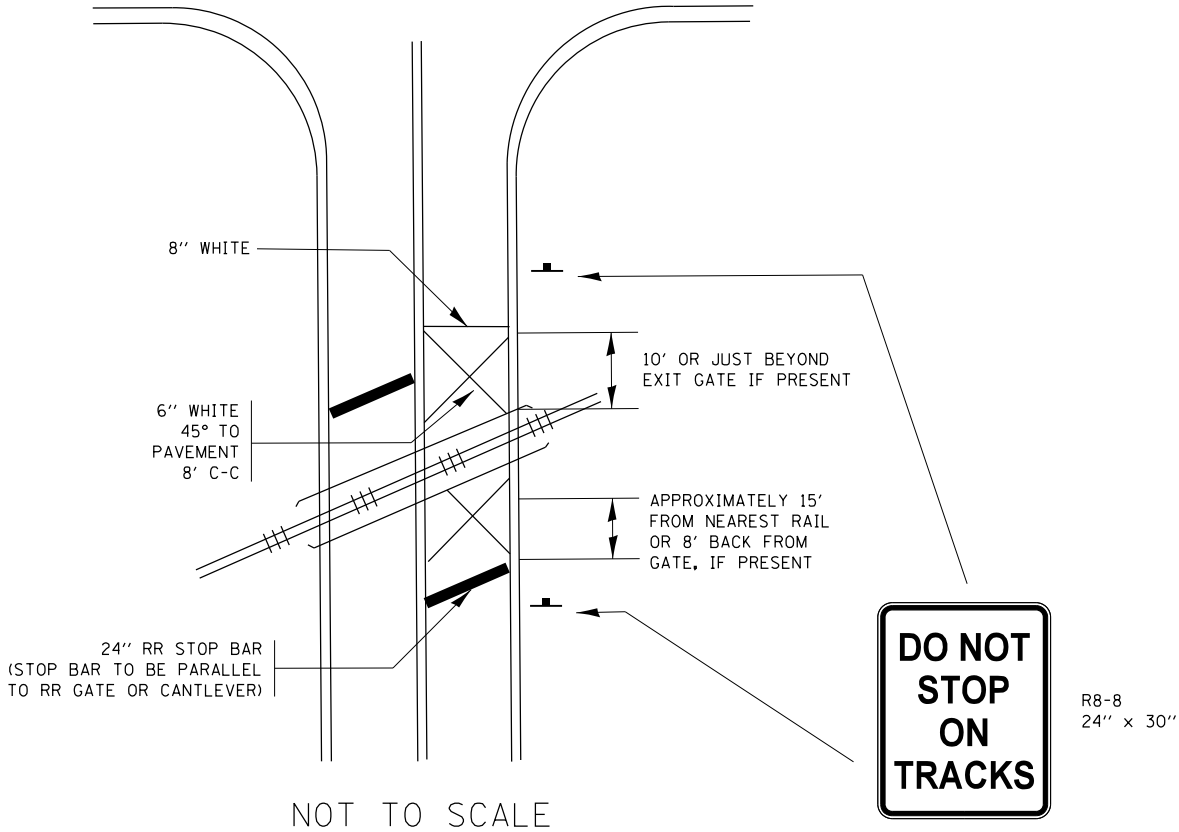
TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKING TREATMENT FOR RAILROAD CROSSINGS

SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	2018-016-R5&SW-1	COOK	142	139A
TC-23		CONTRACT NO. 62G47		
		ILLINOIS FED. AID PROJECT		

TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKING
TREATMENT FOR RAILROAD CROSSINGS

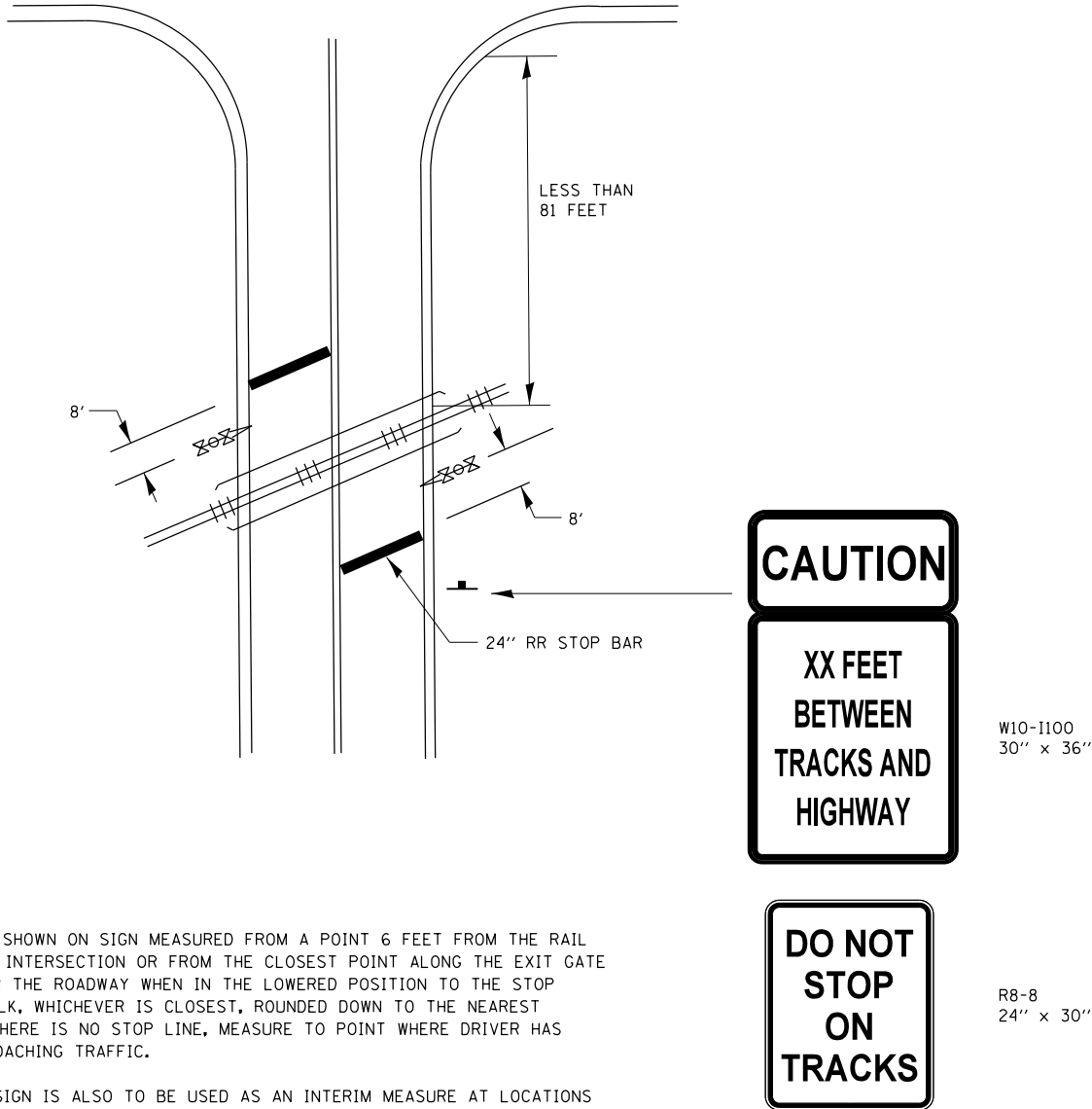
WITH SIGNALIZED INTERSECTION



NOTE:

- PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
- WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED THE PAVEMENT MARKINGS EXTEND TO THE INTERSECTION. (SEE DETAIL FOR PRE-SIGNALS).

WITH NON-SIGNALIZED INTERSECTION
81' OR LESS TO CLOSEST RAIL

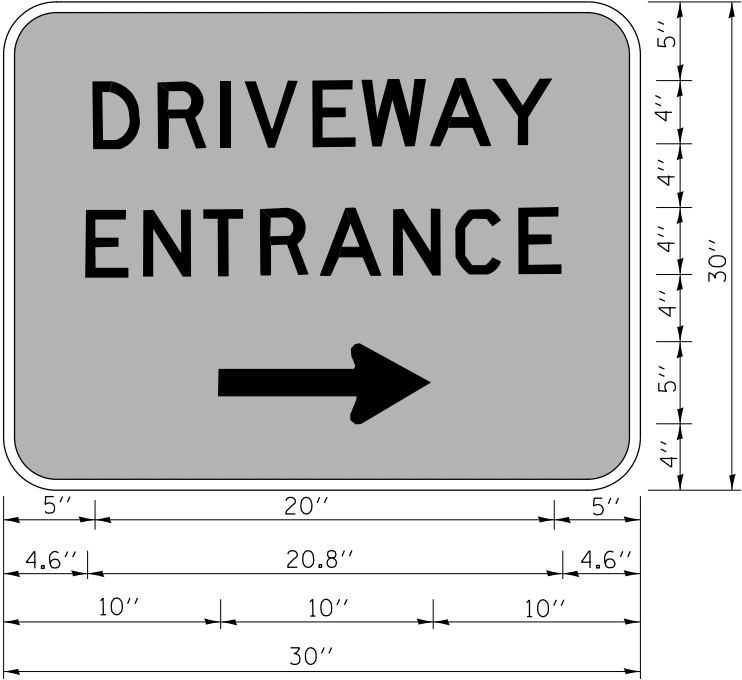


NOTE:

- DISTANCE TO BE SHOWN ON SIGN MEASURED FROM A POINT 6 FEET FROM THE RAIL CLOSEST TO THE INTERSECTION OR FROM THE CLOSEST POINT ALONG THE EXIT GATE IF PRESENT OVER THE ROADWAY WHEN IN THE LOWERED POSITION TO THE STOP BAR OR CROSSWALK, WHICHEVER IS CLOSEST, ROUNDED DOWN TO THE NEAREST 5 FEET. WHERE THERE IS NO STOP LINE, MEASURE TO POINT WHERE DRIVER HAS A VIEW OF APPROACHING TRAFFIC.
- THE CLEARANCE SIGN IS ALSO TO BE USED AS AN INTERIM MEASURE AT LOCATIONS WITH INTERCONNECTED INTERSECTION TRAFFIC SIGNALS WHERE IT IS PLANNED TO CHANGE THEM TO NEAR-SIDE SIGNALS AT A FUTURE TIME. IN THIS CASE, THE DISTANCE TO BE SHOWN ON THE SIGN IS MEASURED FROM THE EDGE OF THE STRIPED-OUT AREA INSTEAD OF 6 FEET FROM THE RAIL. THE SIGN IS TO BE REMOVED WHEN THE NEAR-SIDE SIGNALS ARE INSTALLED AND THE PAVEMENT MARKING EXTEND TO THE INTERSECTION.

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

FILE NAME =	USER NAME = kalorm	DESIGNED -	REVISED - 02-25-11	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKING TREATMENT FOR RAILROAD CROSSINGS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\1\1084EBIDINTEG\Illinois.gov\PWIDOT\Documents\IDOT Offices\District 1\Projects\DI307\Drawings\Design\DistStd.dgn			REVISED - 04-26-12					372	2018-016-R5&SW-1	COOK	142	139B
Default		PLOT SCALE = 100.0075' / in.	CHECKED -		SCALE: NONE			TC-23		CONTRACT NO. 62G47		
		PLOT DATE = 1/29/2019	DATE -		SHEET 2	OF 2	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		



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

NOTES:

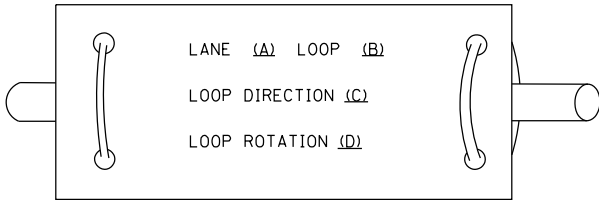
1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE
PLACED BACK-TO-BACK; ONE WITH A RIGHT HAND ARROW (SHOWN)
SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY
AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE
FAR LEFT SIDE OF THE DRIVEWAY.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

FILE NAME = p:\11\084EBID\INTEG\Illinois.gov\PWIDOT\Documents\IDOT Offices\District 1\Projects\DI307\BROWNS\Design\DistStd.dgn	USER NAME = kalorm	DESIGNED -	REVISED - C. JUCIUS 02-15-07	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRIVEWAY ENTRANCE SIGNING			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
								372	2018-016-R5&SW-1	COOK	142	140
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -					TC-26		CONTRACT NO. 62G47		
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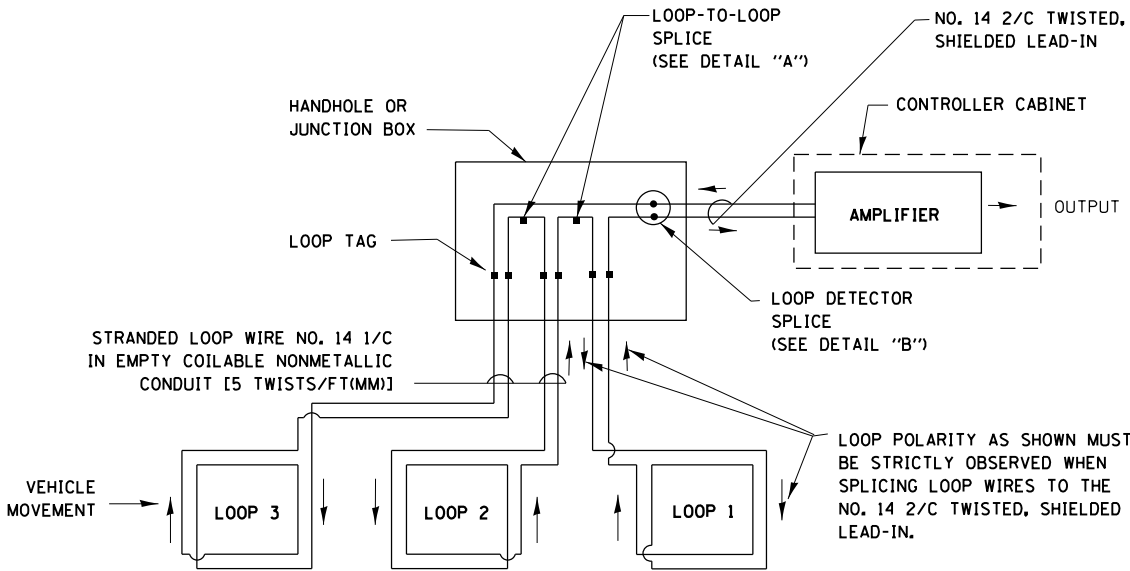
LOOP DETECTOR NOTES

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

LOOP LEAD-IN CABLE TAG

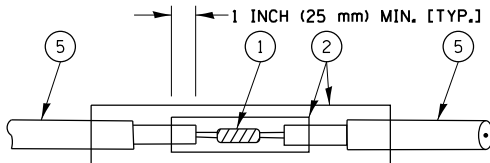


- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

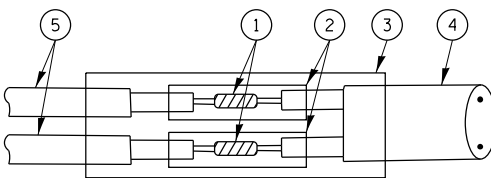


DETECTOR LOOP WIRING SCHEMATIC

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

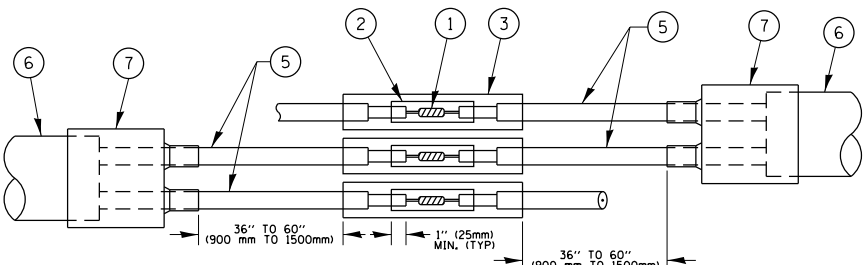


DETAIL "A"
LOOP-TO-LOOP SPLICE

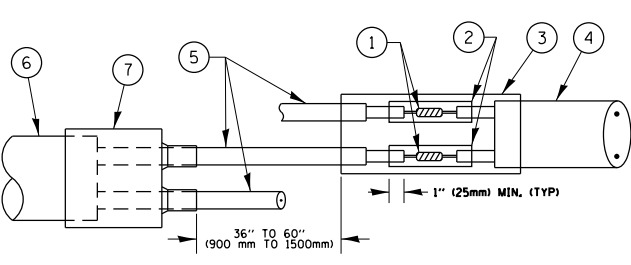


DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A"
LOOP-TO-LOOP SPLICE



DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

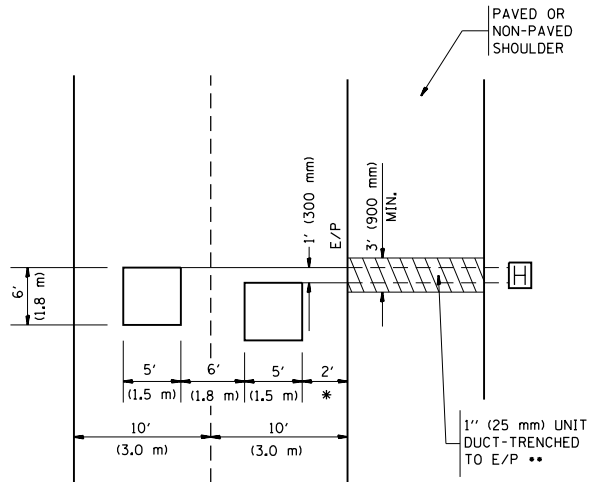
PRE-FORMED LOOP

LOOP DETECTOR SPLICE

- ① WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH, THE WESTERN UNION SPLICES SHALL BE STAGGERED.
- ② WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.
- ③ WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGHT 6" (150 mm), UNDERWATER GRADE.
- ④ NO. 14 2/C TWISTED, SHIELDED CABLE.
- ⑤ LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.
- ⑥ PRE-FORMED LOOP
- ⑦ XL POLYOLEFIN 2 CONDUCTOR BREAKOUT SEALS, TYCO CBR-2 OR APPROVED EQUAL

LOOPS NEXT TO SHOULDERS

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



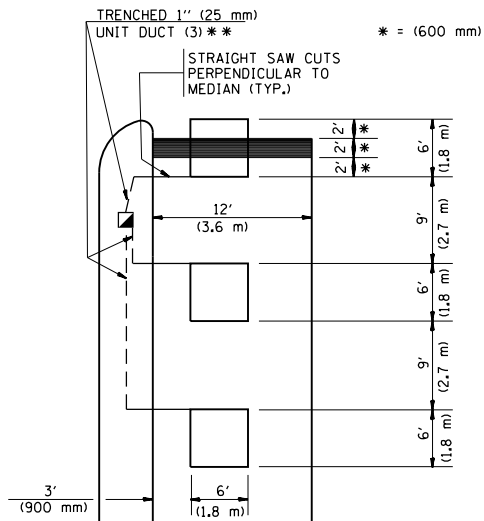
* = (600 mm)

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

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

(PROTECTED / PERMITTED LEFT TURN PHASING)

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

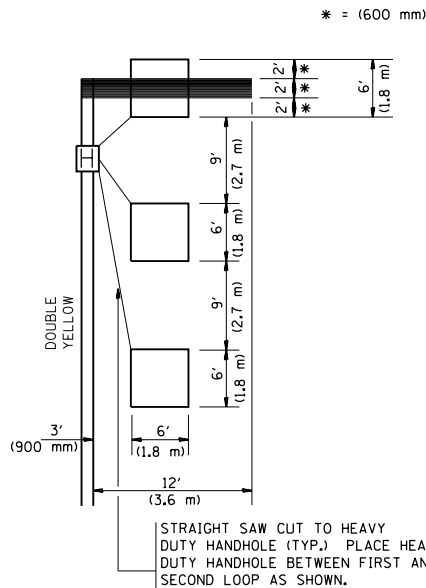


** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS
BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

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

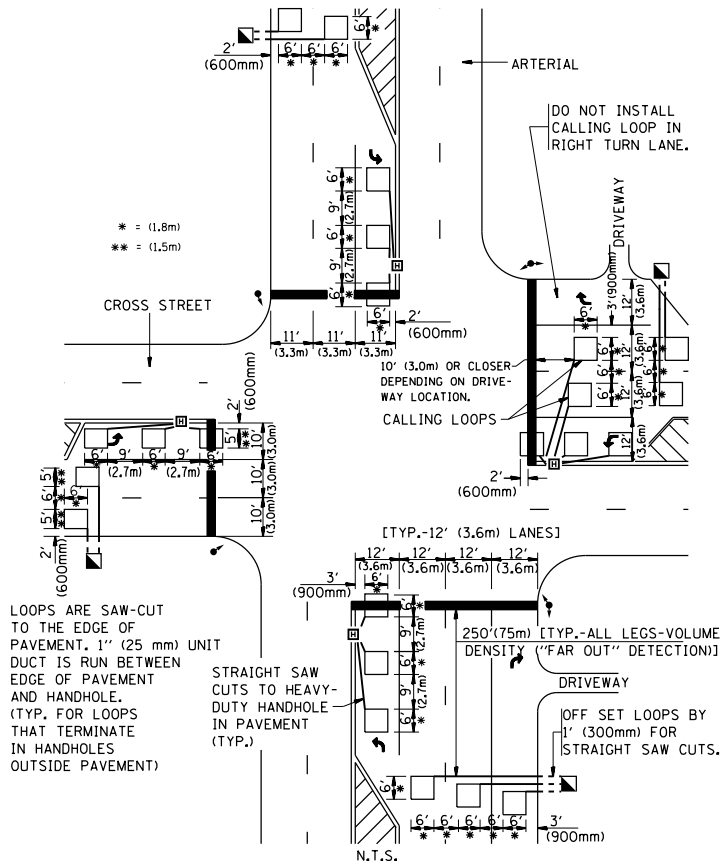
LEFT TURN LANES WITHOUT MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH

(PROTECTED / PERMITTED LEFT TURN PHASING)



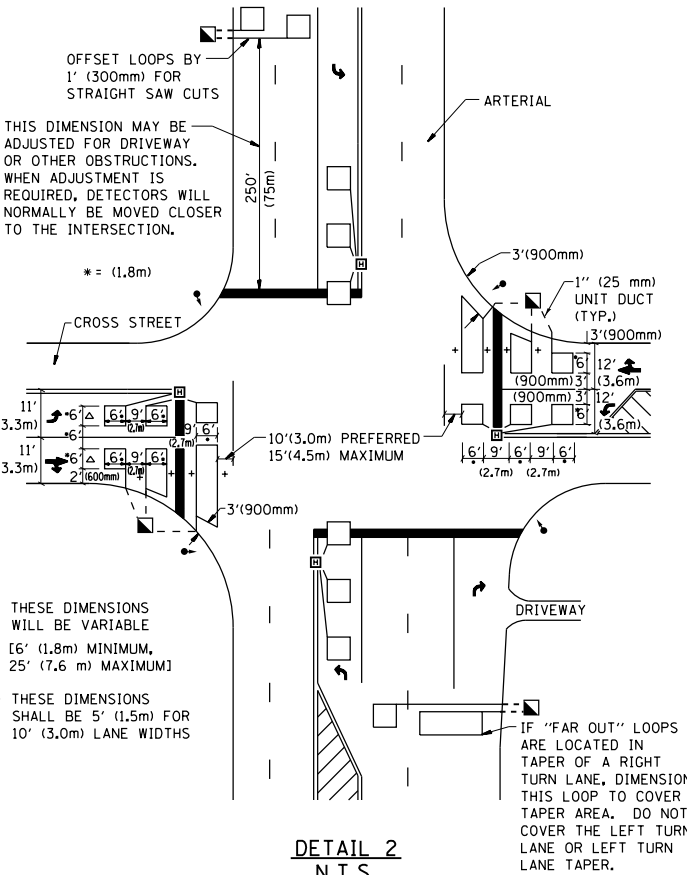
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO
PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

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



DETAIL 1
N.T.S.

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



DETAIL 2
N.T.S.

NOTES:

VEHICLES LOOP DETECTORS

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

PLACEMENT OF DETECTORS

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

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

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

NOTE:

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

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

FILE NAME =	USER NAME = kalorm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT 1 – DETECTOR LOOP INSTALLATION				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11\084EBID\INTEG\Illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\DI307\BROWN\Design\DistStd.dgn			REVISED -		DETAILS FOR ROADWAY RESURFACING				372	2018-016-R5&SW-1	COOK	142	142
		CHECKED - R.K.F.	REVISED -						TS-07		CONTRACT NO. 62G47		
		DATE -	REVISED -						FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
					SCALE: NONE		SHEET NO. 1 OF 1 SHEETS		STA. TO STA.				