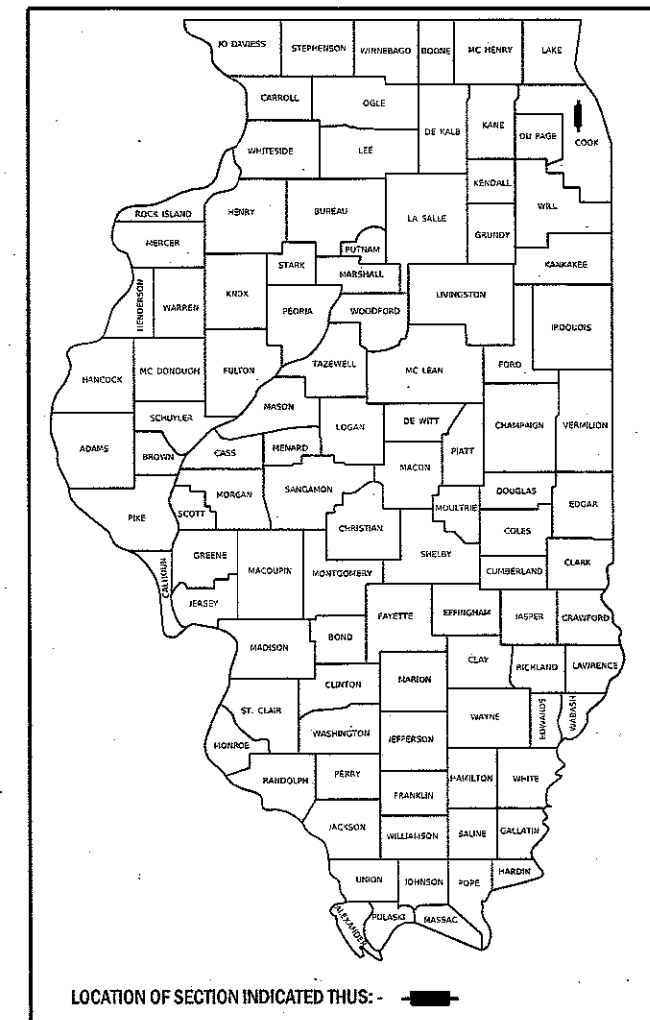


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	3056B-RS-2	COOK	73	1
		ILLINOIS	CONTRACT NO. 62D65	

D-91-074-17



PROPOSED HIGHWAY PLANS

LOCATION 1: F.A.P. ROUTE 372 (IL 171 (CUMBERLAND AVE.))
I-90 (KENNEDY EXPWY.) TO FOREST PRESERVE DR.
LOCATION 2: F.A.I. ROUTE 94 (I-90/94 (KENNEDY EXPWY.))
S/O KIMBALL AVE. TO N/O ADDISON ST.
SECTION: 3056B-RS-2

PROJECT: NHPP-HSIP-YITF(606)
RESURFACING (3P), PEDESTRIAN RAMPS, AND DIAMOND GROOVING
COOK COUNTY

C-91-074-17

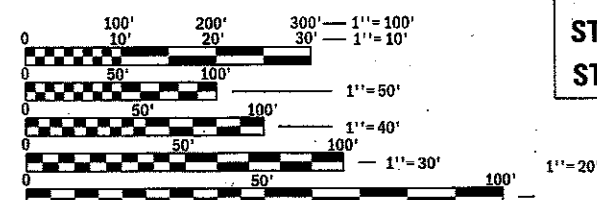
FOR INDEX OF SHEETS, SEE SHEET NO. 2

THIS PROJECT IS LOCATED IN THE
CITY OF CHICAGO AND THE VILLAGE OF NORRIDGE

TRAFFIC DATA:

IL 171 (CUMBERLAND AVE.):
2017 ADT = 37,100
SPEED LIMIT = 35 MPH

I-90/94:
2017 ADT = 214,600
SPEED LIMIT = 55 MPH



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

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

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

CONTRACT NO. 62D65

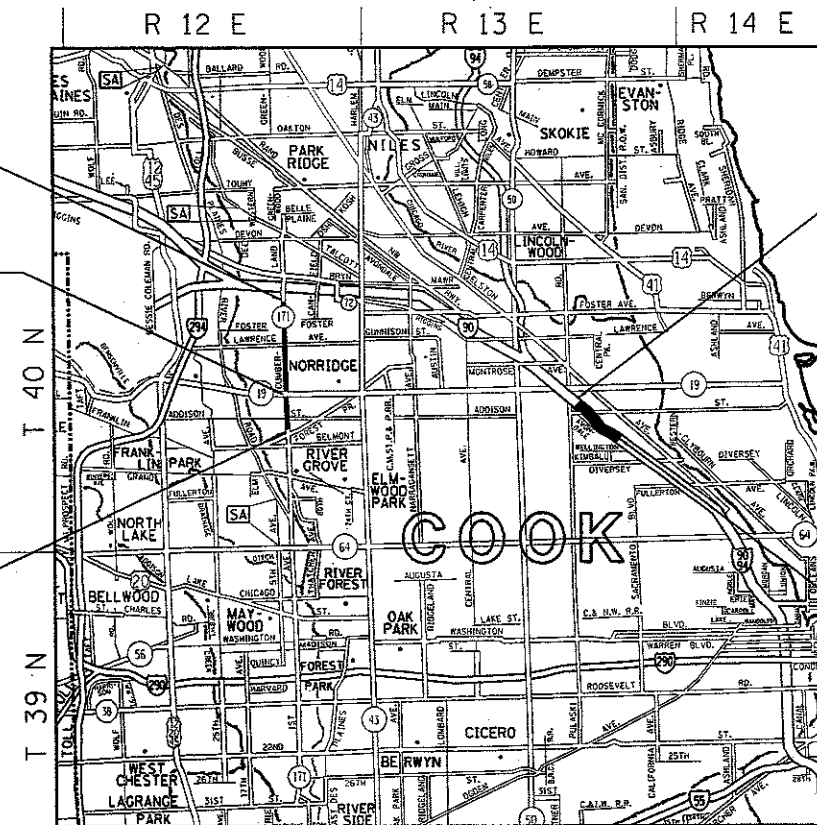
LOCATION 1:
PROJECT ENDS
STA. 140 + 88

LOCATION 1 OMISSION:
STA. 45 + 08 TO STA. 46 + 53 (RT)
STA. 45 + 08 TO STA. 46 + 84 (LT)

LOCATION 1:
PROJECT BEGINS
STA. 8 + 46

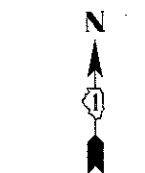
LOCATION 2:
PROJECT ENDS
STA. 62 + 26

LOCATION 2:
PROJECT BEGINS
STA. 6 + 16



JEFFERSON TWP. / NORWOOD PARK TWP.

LOCATION 1: GROSS LENGTH = 13,242 FT. = 2.51 MILES, NET LENGTH = 13,097 FT. = 2.48 MILES
LOCATION 2: GROSS AND NET LENGTH = 5,610 FT. = 1.06 MILES



LOCATION MAP
(NOT TO SCALE)

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED May 8 2018
Anthony J. Quinley REGIONAL ENGINEER
May 11 2018
[Signature] ENGINEER OF DESIGN AND ENVIRONMENT
May 11 2018
[Signature] DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

HIGHWAY STANDARDS

GENERAL NOTES

SHEET NO.	DESCRIPTION
1	COVER SHEET
2-3	INDEX OF SHEETS, HIGHWAY STANDARDS, AND GENERAL NOTES
4-7	SUMMARY OF QUANTITIES
8-11	EXISTING AND PROPOSED TYPICAL SECTIONS (LOCATION 1)
12-16	ROADWAY AND PAVEMENT MARKING PLAN (LOCATION 1)
17-34	SIDEWALK DETAIL PLAN (LOCATION 1)
35-39	DETECTOR LOOP REPLACEMENT PLAN (LOCATION 1)
40	EXISTING AND PROPOSED TYPICAL SECTIONS (LOCATION 2)
41-45	ROADWAY PLAN (LOCATION 2)
46-49	EXISTING ELECTRICAL SYSTEM SHEETS (FOR INFORMATION ONLY) (LOCATION 2)
50	DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB AND EDGE OF SHOULDER >= 15' (4.5 m) (BD-01)
51	DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB < 15' (4.5 m) (BD-02)
52	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING (BD-8)
53	CITY OF CHICAGO: DETAILS FOR P.C. CONCRETE DRIVEWAY, ALLEY RETURN AND SIDEWALK (BD-17)
54	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT (BD-22)
55	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT (BD-24)
56	BUTT JOINT AND HMA TAPER DETAILS (BD-32)
57	CITY OF CHICAGO: CATCH BASIN, INLET AND MANHOLE DETAILS (BD-47)
58	CITY OF CHICAGO: DETECTABLE WARNINGS (BD-58)
59	ENTRANCE AND EXIT RAMP CLOSURE DETAILS (TC-08)
60	TRAFFIC CONTROL DETAILS FOR FREEWAY SINGLE AND MULTIPLE LANE WEAVE (TC-09)
61	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)
62	TYPICAL APPLICATIONS - RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT) (TC-11)
63	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)
64	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) (TC-14)
65	SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS (TC-16)
66	TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES (TC-17)
67	FREEWAY/EXPRESSWAY SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS ON FREEWAYS/EXPRESSWAYS (TC-18)
68	ARTERIAL ROAD INFORMATION SIGN (TC-22)
69-71	CITY OF CHICAGO: TYPICAL PAVEMENT MARKINGS (TC-24)
72	STANDARD TRAFFIC SIGNAL DESIGN DETAILS (TS-05, SHEET 2 OF 7)
73	DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING (TS-07)

STANDARD NO.	DESCRIPTION
000001-06	TYPICAL SYMBOLS, ABBREVIATIONS AND PATTERNS
424001-10	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-03	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-03	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424021-04	DEPRESSED CORNER FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
604001-04	FRAME AND LIDS, TYPE 1
604051-04	FRAME AND GRATE, TYPE 11
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24' (600 mm) FROM PAVEMENT EDGE
701400-09	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-11	LANE CLOSURE, FREEWAY/EXPRESSWAY
701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS ≥ 45 MPH
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≤ 40 MPH
701428-01	TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY/EXPRESSWAY
701446-09	TWO LANE CLOSURE, FREEWAY/EXPRESSWAY
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701602-09	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-07	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
814001-03	HANDHOLES
814006-02	DOUBLE HANDHOLES
886001-01	DETECTOR LOOP INSTALLATIONS

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES. (48 HOUR NOTIFICATION REQUIRED)
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, THE CITY OF CHICAGO AND THE VILLAGE OF NORRIDGE.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT THE WRITTEN PERMISSION OF THE DEPARTMENT.
- BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED 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.
- ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- ALL PAVEMENT PATCHING, CURB AND GUTTER REMOVAL AND REPLACEMENT, DRAINAGE ADJUSTMENT LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
- DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- TEN (10) FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS AND GUTTER AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.
- WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES WHERE THE SPEED LIMIT IS 45 MPH OR LESS, AND 1 INCH WHERE THE SPEED LIMIT IS OVER 45 MPH. WITH WRITTEN APPROVAL FROM THE RESIDENT ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM OF 1:3 (V:H).
- THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 (FOR ARTERIALS) AND AT (847) 705-4155 (FOR EXPRESSWAYS) A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING 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.
- 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.
- BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) IN ACCORDANCE WITH THE "BUTT JOINT AND HMA TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- UNLESS OTHER CONDITIONS WARRANT EXTENDED LANE CLOSURE AS DETERMINED AND APPROVED IN WRITING BY THE ENGINEER OR AS PROVIDED FOR IN THE CONTRACT SPECIFICATIONS, OVERNIGHT CLOSURES SHALL NOT BE ALLOWED FOR REHABILITATION PROJECTS INVOLVING DAYTIME MILLING AND RESURFACING OPERATIONS AND CLASS D PATCHING.
- 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.
- 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.

FILE NAME =	USER NAME = toriafm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, HIGHWAY STANDARDS, & GENERAL NOTES IL 171 & I-90 / I-94	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
p:\11084EBID\INTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\DI07417\Design\DI07417-sht-genote.dgn		CHECKED -	REVISED -			VAR.	3056B-R5-2	COOK	73	2	
Default	PLOT SCALE = 100.0000' / 1in.	DATE -	REVISED -			CONTRACT NO. 62D65					
	PLOT DATE = 5/8/2018					SCALE:	SHEET	OF	SHEETS	STA.	TO

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	NHPP	HSIP			
				80% FED 20% STATE 0005	90% FED 10% STATE 0021			
			URBAN					
* 20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	95	95				
* 20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	24	24				
* 20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	12	12				
* 20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	12	12				
20200100	EARTH EXCAVATION	CU YD	95	95				
* 21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	1312	1312				
* 25000210	SEEDING, CLASS 2A	ACRE	0.3	0.3				
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	27	27				
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	27	27				
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	27	27				
* 25000750	MOWING	ACRE	0.9	0.9				
* 25100115	MULCH, METHOD 2	ACRE	0.2	0.2				
* 25100630	EROSION CONTROL BLANKET	SO YD	317	317				
* 25200110	SODDING, SALT TOLERANT	SO YD	995	995				
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SO YD	17	17				
* SPECIALTY ITEMS								

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	NHPP	HSIP			
				80% FED 20% STATE 0005	90% FED 10% STATE 0021			
			URBAN					
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	59583	59583				
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	135	135				
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), 1L-4.75, N50	TON	5438	5438				
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	579	579				
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	312	312				
40603565	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70	TON	8485	8485				
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	4	4				
42001300	PROTECTIVE COAT	SO YD	2503	2503				
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SO YD	96	96				
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SO YD	111	111				
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	5851	5851				
42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SO FT	1562	1562				

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	NHPP 80% FED 20% STATE 0005	HSIP 90% FED 10% STATE 0021			
			URBAN					
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	95	95				
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	24	24				
20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	12	12				
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	12	12				
20200100	EARTH EXCAVATION	CU YD	95	95				
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	1477	1477				
25000210	SEEDING, CLASS 2A	ACRE	0.3	0.3				
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	32	32				
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	32	32				
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	32	32				
25000750	MOWING	ACRE	0.9	0.9				
25100115	MULCH, METHOD 2	ACRE	0.2	0.2				
25100630	EROSION CONTROL BLANKET	SO YD	317	317				
25200110	SODDING, SALT TOLERANT	SO YD	1160	1160				
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SO YD	13	13				
* SPECIALTY ITEMS								

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	NHPP 80% FED 20% STATE 0005	HSIP 90% FED 10% STATE 0021			
			URBAN					
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	59583	59583				
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	135	135				
40600827	POLYMERIZED LEVELING BINDER (MACHINE METHOD), IL-4.75, N50	TON	5438	5438				
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	579	579				
40603335	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50	TON	312	312				
40603565	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N7D	TON	8485	8485				
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	3	3				
42001300	PROTECTIVE COAT	SO YD	2956	2956				
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SO YD	96	96				
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SO YD	130	130				
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	8043	8043				
42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SO FT	2250	2250				

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE				SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE			
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	NHPP 80% FED 20% STATE 0005	HSIP 90% FED 10% STATE 0021			CODE NO	ITEM	UNIT	TOTAL QUANTITIES	NHPP 80% FED 20% STATE 0005	HSIP 90% FED 10% STATE 0021		
			URBAN									URBAN			
44000156	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"	SO YD	3141	3141				60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	55	55			
44000159	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/2"	SO YD	15752	15752				60404800	FRAMES AND GRATES, TYPE 11	EACH	3	3			
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SO YD	69504	69504				60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	5	5			
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	245	245				60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	5	5			
44000600	SIDEWALK REMOVAL	SO FT	9038	9038				60406530	FRAMES AND LIDS, CLOSED LID (CITY OF CHICAGO)	EACH	3	3			
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SO YD	3131	3131				* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	95	95			
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SO YD	1747	1747				* 66900450	SPECIAL WASTE PLANS AND REPORTS	LSUM	1	1			
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SO YD	1164	1164				* 66900530	SOIL DISPOSAL ANALYSIS	EACH	3	3			
44201803	CLASS D PATCHES, TYPE II, 13 INCH	SO YD	631	631				67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	5	1		
44201807	CLASS D PATCHES, TYPE III, 13 INCH	SO YD	379	379				67100100	MOBILIZATION	LSUM	1	0.7	0.3		
44201809	CLASS D PATCHES, TYPE IV, 13 INCH	SO YD	252	252				70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	LSUM	1	1			
60255500	MANHOLES TO BE ADJUSTED	EACH	11	11				70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	LSUM	1	1			
60260300	INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	1	1				70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	LSUM	1	1			
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	90	90											
* SPECIALTY ITEMS															

SUMMARY OF QUANTITIES					CONSTRUCTION TYPE CODE					SUMMARY OF QUANTITIES					CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	NHPP 80% FED 20% STATE 0005	HSIP 90% FED 10% STATE 0021					CODE NO	ITEM	UNIT	TOTAL QUANTITIES	NHPP 80% FED 20% STATE 0005	HSIP 90% FED 10% STATE 0021				
			URBAN																
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	LSUM	1	1						* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	42231	42231					
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LSUM	1	1						* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	5125	5125					
70300100	SHORT TERM PAVEMENT MARKING	FOOT	45140	45140						* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	185	185					
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	15047	15047						* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	560	560					
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	623.9	623.9						* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1446	1446					
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	42231	42231						78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1105	1105					
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	5125	5125						* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	2	2					
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	185	185						* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	2942	2942					
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	560	560						* 89500400	RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	EACH	15	15					
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	1308	1308						* 89502376	REBUILD EXISTING HANDHOLE	EACH	7	7					
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	11285	11285						89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	1	1					
* 72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	2	2						K0029618	WEED CONTROL, BROADLEAF IN TURF	GALLON	0.5	0.5					
* 72400500	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	EACH	2	2						X0320050	CONSTRUCTION LAYOUT (SPECIAL)	LSUM	1	1					
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	623.9	623.9															
										* SPECIALTY ITEMS									

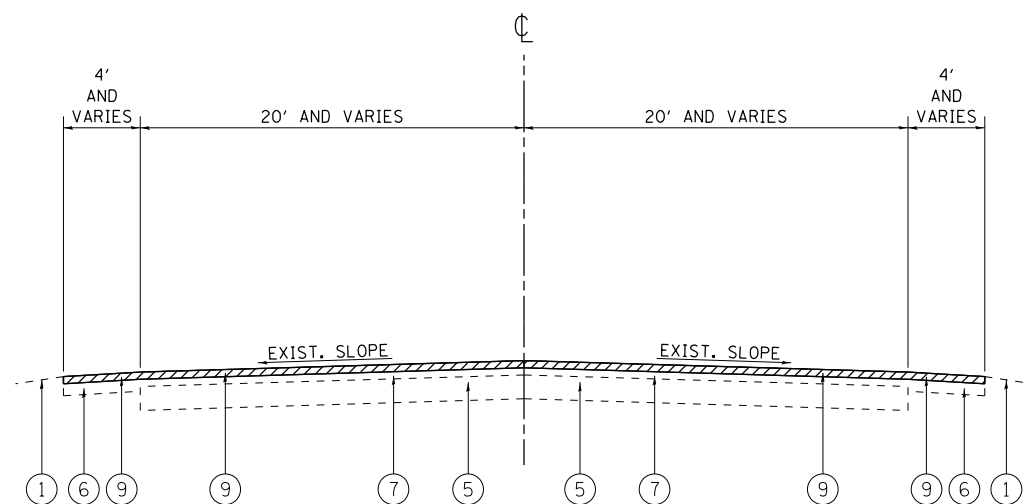
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES
IL 171 & I-90 / 94**

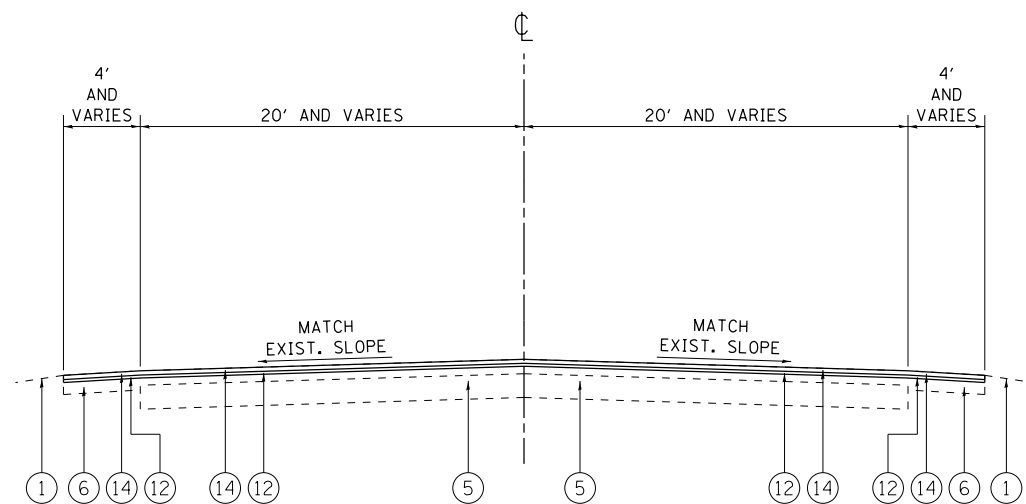
FILE NAME :	USER NAME = krljfm	DESIGNED -	REVISED -	SCALE: SHEET NO. OF SHEETS STA. TO STA.				F.A. RTEL.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\AL084EB\BID\ITEG\Illinois\pwr\DOT\Documents\DOT	Offices\Dist\ct\NPro\Jobs\DOT\41\CA\DOT\Design\DOT	DRAWN -	REVISED -					VAR.	3056B-R5-2	COOK	73	6
	PLOT SCALE = 1/8" = 100'	CHECKED -	REVISED -					CONTRACT NO. 62D65				
	PLOT DATE = 5/8/2018	DATE -	REVISED -					FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	NHPP 80% FED 20% STATE 0005	HSIP 90% FED 10% STATE 0021		
			URBAN				
X2010350	TREE REMOVAL, ACRES (SPECIAL)	ACRE	0.2	0.2			
X4240800	DETECTABLE WARNINGS (SPECIAL)	SO FT	696	696			
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SO YD	1184	1184			
X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	1525	1525			
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	164	164			
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1			
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	30	30			
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SO FT	24324	24324			
Z0004562	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	7137	7137			
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	305	305			
Z0018600	DRAINAGE STRUCTURES TO BE RECONSTRUCTED	EACH	10	10			
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	51.4	51.4			
<input type="checkbox"/> 100% STATE			* SPECIALTY ITEMS				

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	NHPP 80% FED 20% STATE 0005	HSIP 90% FED 10% STATE 0021		
			URBAN				
* Z0037300	PAVEMENT GROOVING	SO YD	70325		70325		
Z0038120	PORTLAND CEMENT CONCRETE SURFACE REMOVAL 1 3/4"	SO YD	13	13			
Z0038124	PORTLAND CEMENT CONCRETE SURFACE REMOVAL 3"	SO YD	122	122			
Ø Z0076600	TRAINEES	HOURL	500	500			
Ø Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOURL	500	500			
Ø 0042							



IL 171
EXISTING TYPICAL SECTION
 STA. 8+46 TO STA. 15+47



IL 171
PROPOSED TYPICAL SECTION
 STA. 8+46 TO STA. 15+47

LEGEND:

- ① EXISTING SOD
- ② EXISTING SIDEWALK
- ③ EXISTING COMB. CONC. CURB AND GUTTER
- ④ EXISTING SUB-BASE GRANULAR MATERIAL, ± 6"
- ⑤ EXISTING PCC PAVEMENT, VARIES ± 10"
- ⑥ EXISTING HMA SHOULDER
- ⑦ EXISTING HMA SURFACE COURSE, ± 6"
- ⑧ EXISTING HMA SURFACE COURSE, ± 3"
- ⑨ PROPOSED HMA SURFACE REMOVAL, 2½"
- ⑩ PROPOSED HMA SURFACE REMOVAL, 3"
- ⑪ PROPOSED HMA SURFACE REMOVAL, VARIABLE DEPTH
- ⑫ PROPOSED POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, ¾"
- ⑬ PROPOSED POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 1¼"
- ⑭ PROPOSED POLYMERIZED HMA SURFACE COURSE, MIX "E", N70, 1¾"

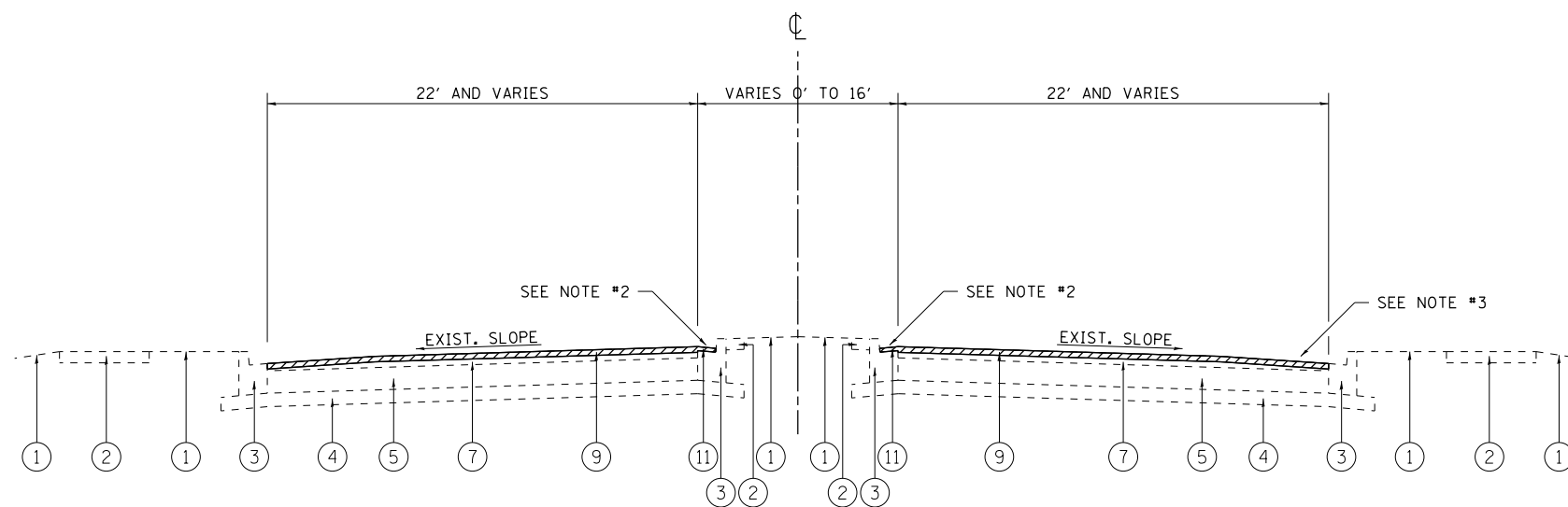
NOTES:

1. THE CONTRACTOR SHALL MILL FIRST BEFORE PATCHING BETWEEN STA. 8+46 AND STA. 15+47.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS				
MIXTURE USES	MIXTURE TYPE	AIR VOIDS @ Ndes	QUALITY MANAGEMENT PROGRAM (QMP)	INTELLIGENT COMPACTION (IC) (NOTE 3)
PAVEMENT AND SHOULDER RESURFACING	POLYMERIZED HMA SURFACE COURSE, MIX "E", N70, (IL 9.5 mm); 1¾"	4% @ 70 GYR.	PPF	
	POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50; ¾" - 1¼"	3.5% @ 50 GYR.	QCP	9 PASSES
PATCHING	CLASS D PATCHES (HMA BINDER IL-19 mm)	4% @ 70 GYR	QC/OA	
DRIVEWAYS	HMA SURFACE COURSE, MIX "D", N50, (IL-9.5 mm); 2"	4% @ 50 GYR.	QC/OA	
	HMA BASE COURSE, (HMA BINDER IL-19 mm); CE - 8"	4% @ 50 GYR.	QC/OA	
PARKING LANE RESURFACING	HMA SURFACE COURSE, MIX "D", N50, (IL 9.5 mm); 1¾"	4% @ 50 GYR.	QC/OA	

QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/OA); QUALITY CONTROL FOR PERFORMANCE (QCP); PAY FOR PERFORMANCE (PPF)

- 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.
- NOTE 3: WHEN A NUMBER OF ROLLER PASSES IS SPECIFIED, THE CONTRACTOR MAY OPT TO USE INTELLIGENT COMPACTION (IC) IN LIEU OF DENSITY TESTING UNDER THE QUALITY CONTROL FOR PERFORMANCE (QCP) PROGRAM.



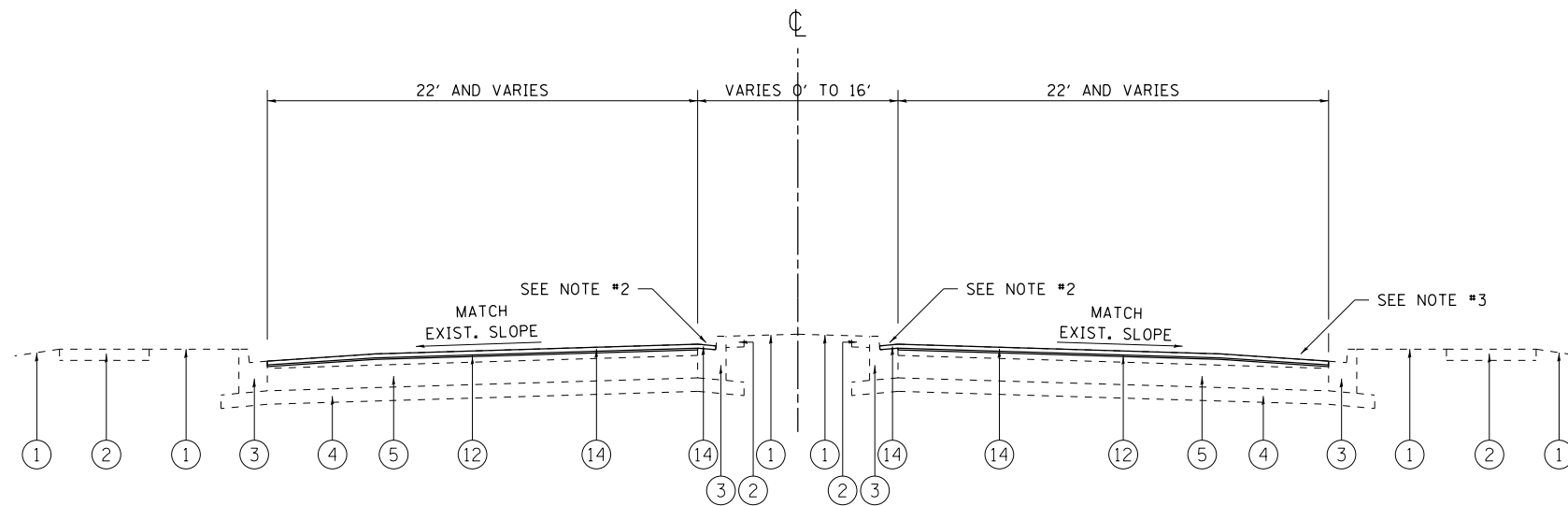
IL 171
EXISTING TYPICAL SECTION
 STA. 15+47 TO STA. 28+00
 STA. 97+50 TO STA. 101+80

LEGEND:

- ① EXISTING SOD
- ② EXISTING SIDEWALK
- ③ EXISTING COMB. CONC. CURB AND GUTTER
- ④ EXISTING SUB-BASE GRANULAR MATERIAL, ± 6"
- ⑤ EXISTING PCC PAVEMENT, VARIES ± 10"
- ⑥ EXISTING HMA SHOULDER
- ⑦ EXISTING HMA SURFACE COURSE, ± 6"
- ⑧ EXISTING HMA SURFACE COURSE, ± 3"
- ⑨ PROPOSED HMA SURFACE REMOVAL, 2 1/2"
- ⑩ PROPOSED HMA SURFACE REMOVAL, 3"
- ⑪ PROPOSED HMA SURFACE REMOVAL, VARIABLE DEPTH
- ⑫ PROPOSED POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"
- ⑬ PROPOSED POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 1 1/4"
- ⑭ PROPOSED POLYMERIZED HMA SURFACE COURSE, MIX "E", N70, 1 3/4"

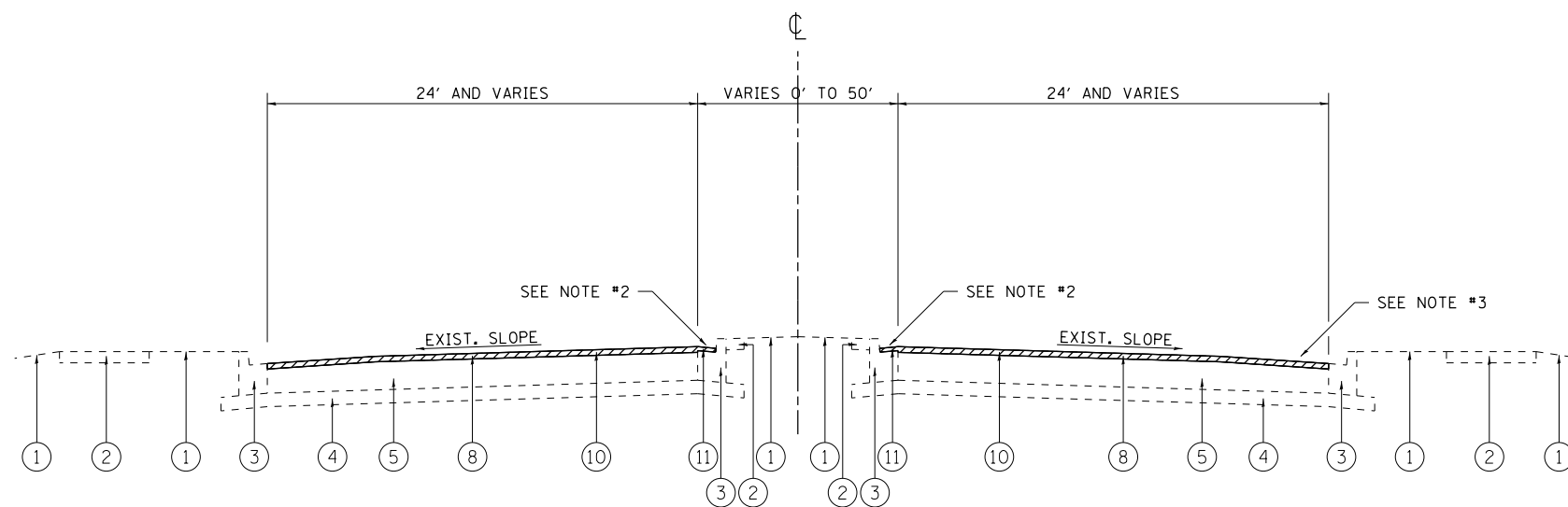
NOTES:

1. THE CONTRACTOR SHALL MILL FIRST BEFORE PATCHING BETWEEN STA. 15+47 AND STA. 28+00 AND BETWEEN STA. 97+50 AND STA. 101+80.
 2. LOCATIONS OF HMA OVERLAY:
 STA. 23+24 TO STA. 25+78
 STA. 101+24 TO STA. 101+80
 3. PARKING LANE RESURFACING:
 PROPOSED HMA SURFACE REMOVAL, 1 3/4"
 PROPOSED HMA SURFACE COURSE, MIX "D", N50, 1 3/4"
- LOCATIONS OF PARKING LANES:
 STA. 21+33 TO STA. 25+50 (RT. SIDE)
 STA. 26+60 TO STA. 28+00 (RT. SIDE)

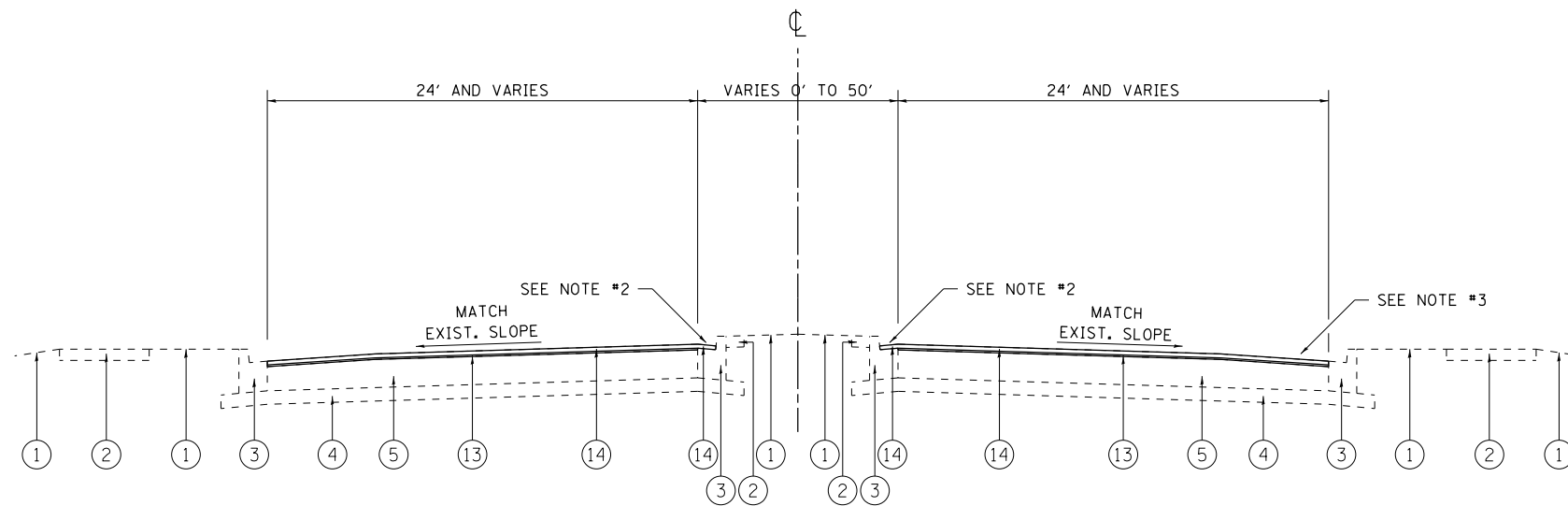


IL 171
PROPOSED TYPICAL SECTION
 STA. 15+47 TO STA. 28+00
 STA. 97+50 TO STA. 101+80

FILE NAME =	USER NAME = tar1qfm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED TYPICAL SECTIONS IL 171 (I-90 (KENNEDY EXPWY.) TO FOREST PRESERVE DR.)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
						372	3056B-R5-2	COOK	73	9	
						CONTRACT NO. 62D65					
						ILLINOIS FED. AID PROJECT					
Default	PLOT DATE = 5/8/2018	DATE -	REVISED -	SCALE:	SHEET OF SHEETS	STA.	TO STA.				



IL 171
EXISTING TYPICAL SECTION
 STA. 28+00 TO STA. 45+08
 STA. 46+53 (RT.) / STA. 46+84 (LT.) TO STA. 97+50
 STA. 101+80 TO STA. 119+00



IL 171
PROPOSED TYPICAL SECTION
 STA. 28+00 TO STA. 45+08
 STA. 46+53 (RT.) / STA. 46+84 (LT.) TO STA. 97+50
 STA. 101+80 TO STA. 119+00

LEGEND:

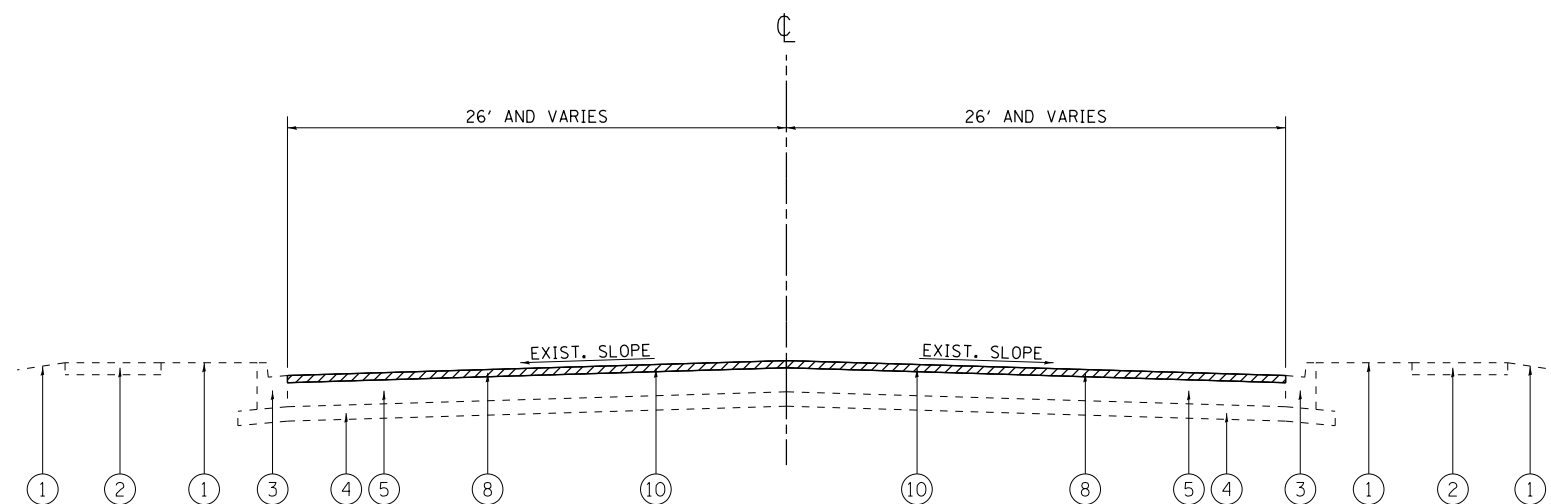
- ① EXISTING SOD
- ② EXISTING SIDEWALK
- ③ EXISTING COMB. CONC. CURB AND GUTTER
- ④ EXISTING SUB-BASE GRANULAR MATERIAL, ± 6"
- ⑤ EXISTING PCC PAVEMENT, VARIES ± 10"
- ⑥ EXISTING HMA SHOULDER
- ⑦ EXISTING HMA SURFACE COURSE, ± 6"
- ⑧ EXISTING HMA SURFACE COURSE, ± 3"
- ⑨ PROPOSED HMA SURFACE REMOVAL, 2 1/2"
- ⑩ PROPOSED HMA SURFACE REMOVAL, 3"
- ⑪ PROPOSED HMA SURFACE REMOVAL, VARIABLE DEPTH
- ⑫ PROPOSED POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"
- ⑬ PROPOSED POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 1 1/4"
- ⑭ PROPOSED POLYMERIZED HMA SURFACE COURSE, MIX "E", N70, 1 3/4"

NOTES:

1. THE CONTRACTOR SHALL MILL FIRST BEFORE PATCHING BETWEEN STA. 28+00 AND STA. 45+08 AND BETWEEN STA. 46+53 (RT.) / STA. 46+84 (LT.) AND STA. 119+00.
2. THE CONTRACTOR SHALL MILL TO THE EXISTING PCC PAVEMENT BETWEEN STA. 28+00 AND STA. 45+08 AND BETWEEN STA. 46+53 (RT.) / STA. 46+84 (LT.) AND STA. 119+00.
3. LOCATIONS OF HMA OVERLAY:
 STA. 28+44 TO STA. 32+28
 STA. 32+88 TO STA. 38+96
 STA. 39+55 TO STA. 45+08
 STA. 46+53 TO STA. 52+31
 STA. 52+89 TO STA. 58+81
 STA. 59+46 TO STA. 68+44
 STA. 91+37 TO STA. 93+44
 STA. 101+80 TO STA. 105+28
 STA. 105+88 TO STA. 111+85
 STA. 112+54 TO STA. 115+09
4. PARKING LANE RESURFACING:
 PROPOSED HMA SURFACE REMOVAL, 1 3/4"
 PROPOSED HMA SURFACE COURSE, MIX "D", N50, 1 3/4"

- LOCATIONS OF PARKING LANES:
 STA. 28+00 TO STA. 32+24 (RT. SIDE)
 STA. 33+15 TO STA. 38+23 (RT. SIDE)
 STA. 39+94 TO STA. 43+98 (RT. SIDE)
 STA. 46+95 TO STA. 52+12 (RT. SIDE)
 STA. 53+15 TO STA. 58+68 (RT. SIDE)

FILE NAME =	USER NAME = toriafm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED TYPICAL SECTIONS IL 171 (I-90 (KENNEDY EXPWY.) TO FOREST PRESERVE DR.)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
						372	3056B-R5-2	COOK	73	10	
						CONTRACT NO. 62D65					
						ILLINOIS FED. AID PROJECT					
Default	PLOT DATE = 5/8/2018	DATE -	REVISED -	SCALE:	SHEET OF SHEETS	STA.	TO STA.				



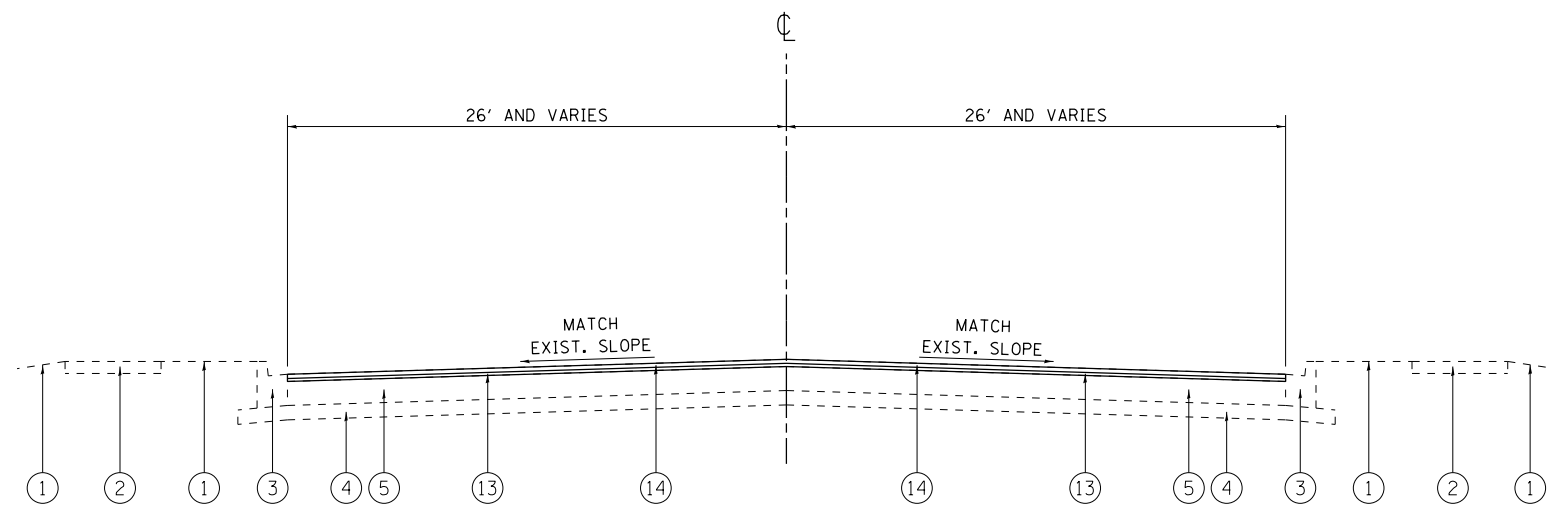
IL 171
EXISTING TYPICAL SECTION
 STA. 119+00 TO STA. 140+88

LEGEND:

- ① EXISTING SOD
- ② EXISTING SIDEWALK
- ③ EXISTING COMB. CONC. CURB AND GUTTER
- ④ EXISTING SUB-BASE GRANULAR MATERIAL, ± 6"
- ⑤ EXISTING PCC PAVEMENT, VARIES ± 10"
- ⑥ EXISTING HMA SHOULDER
- ⑦ EXISTING HMA SURFACE COURSE, ± 6"
- ⑧ EXISTING HMA SURFACE COURSE, ± 3"
- ⑨ PROPOSED HMA SURFACE REMOVAL, 2½"
- ⑩ PROPOSED HMA SURFACE REMOVAL, 3"
- ⑪ PROPOSED HMA SURFACE REMOVAL, VARIABLE DEPTH
- ⑫ PROPOSED POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, ¾"
- ⑬ PROPOSED POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 1¼"
- ⑭ PROPOSED POLYMERIZED HMA SURFACE COURSE, MIX "E", N70, 1¾"

NOTES:

1. THE CONTRACTOR SHALL MILL FIRST BEFORE PATCHING BETWEEN STA. 119+00 AND STA. 140+88.
2. THE CONTRACTOR SHALL MILL TO THE EXISTING PCC PAVEMENT BETWEEN STA. 119+00 AND STA. 140+88.



IL 171
PROPOSED TYPICAL SECTION
 STA. 119+00 TO STA. 140+88

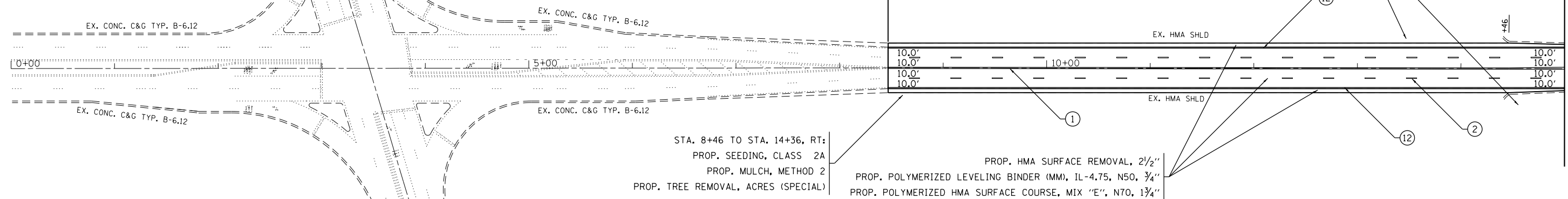
FILE NAME =	USER NAME = tar1qfm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED TYPICAL SECTIONS IL 171 (I-90 (KENNEDY EXPWY.) TO FOREST PRESERVE DR.)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
						372	3056B-R5-2	COOK	73	11	
						CONTRACT NO. 62D65					
						ILLINOIS FED. AID PROJECT					
Default	PLOT DATE = 5/8/2018	DATE -	REVISED -	SCALE:	SHEET OF SHEETS	STA.	TO STA.				

FOREST PRESERVE DR.

STA. 8+46 TO STA. 19+00, LT: STA. 14+40 TO STA. 15+00, RT:
 PROP. MOWING
 PROP. WEED CONTROL, BROADLEAF IN TURF

**PROJECT BEGINS
 STA. 8 + 46**

**IL 171
 (CUMBERLAND AVE.)**



STA. 8+46 TO STA. 14+36, RT:
 PROP. SEEDING, CLASS 2A
 PROP. MULCH, METHOD 2
 PROP. TREE REMOVAL, ACRES (SPECIAL)

PROP. HMA SURFACE REMOVAL, 2 1/2"
 PROP. POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"
 PROP. POLYMERIZED HMA SURFACE COURSE, MIX "E", N70, 1 3/4"

PAVEMENT MARKING LEGEND:

- | | | |
|--|--|--|
| ① THERMOPLASTIC PAVEMENT MARKING, 4" DOUBLE SOLID YELLOW CENTERLINE, 2 @ 11" C-C (TYP.) | ⑦ THERMOPLASTIC PAVEMENT MARKING, 4" SOLID WHITE PARKING LINE (TYP.) | ⑬ THERMOPLASTIC PAVEMENT MARKING, 4" SOLID YELLOW EDGE LINE (TYP.) |
| ② THERMOPLASTIC PAVEMENT MARKING, 4" SKIP-DASH WHITE LANE LINE, 10' DASH - 30' SKIP (TYP.) | ⑧ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL LINE (TYP.) | ⑭ THERMOPLASTIC PAVEMENT MARKING, 8" SOLID WHITE GORE LINE (TYP.) |
| ③ THERMOPLASTIC PAVEMENT MARKING, 6" SKIP-DASH WHITE LINE, 2' DASH - 6' SKIP (TYP.) | ⑨ THERMOPLASTIC PAVEMENT MARKING, LETTERS & SYMBOLS, SOLID WHITE (TYP.) | ⑮ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL LINE (TYP.) |
| ④ THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE TURN LANE LINE (TYP.) | ⑩ THERMOPLASTIC PAVEMENT MARKING, 24" SOLID WHITE LONGITUDINAL BAR, SPACED 2' APART (TYP.) | ⑯ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE TRANSVERSE BAR (TYP.) |
| ⑤ THERMOPLASTIC PAVEMENT MARKING, 24" SOLID WHITE STOP BAR (TYP.) | ⑪ THERMOPLASTIC PAVEMENT MARKING, 4" SKIP-DASH YELLOW LINE, 6' DASH - 18' SKIP (TYP.) | ⑰ THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE DIAGONAL LINE AT 96" C-C (TYP.) |
| ⑥ THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE CROSSWALK LINE, 2 @ 6' C-C (TYP.) | ⑫ THERMOPLASTIC PAVEMENT MARKING, 4" SOLID WHITE EDGE LINE (TYP.) | |

PROP. HMA SURFACE REMOVAL, 2 1/2"
 PROP. POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 3/4"
 PROP. POLYMERIZED HMA SURFACE COURSE, MIX "E", N70, 1 3/4"

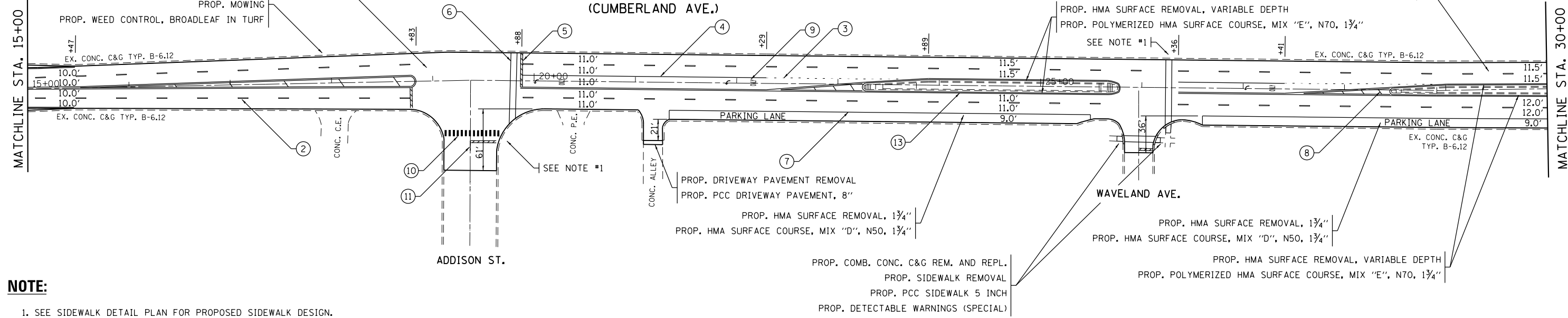
STA. 8+46 TO STA. 19+00, LT:
 PROP. MOWING
 PROP. WEED CONTROL, BROADLEAF IN TURF

**IL 171
 (CUMBERLAND AVE.)**



PROP. HMA SURFACE REMOVAL, 3"
 PROP. POLYMERIZED LEVELING BINDER (MM), IL-4.75, N50, 1 1/4"
 PROP. POLYMERIZED HMA SURFACE COURSE, MIX "E", N70, 1 3/4"

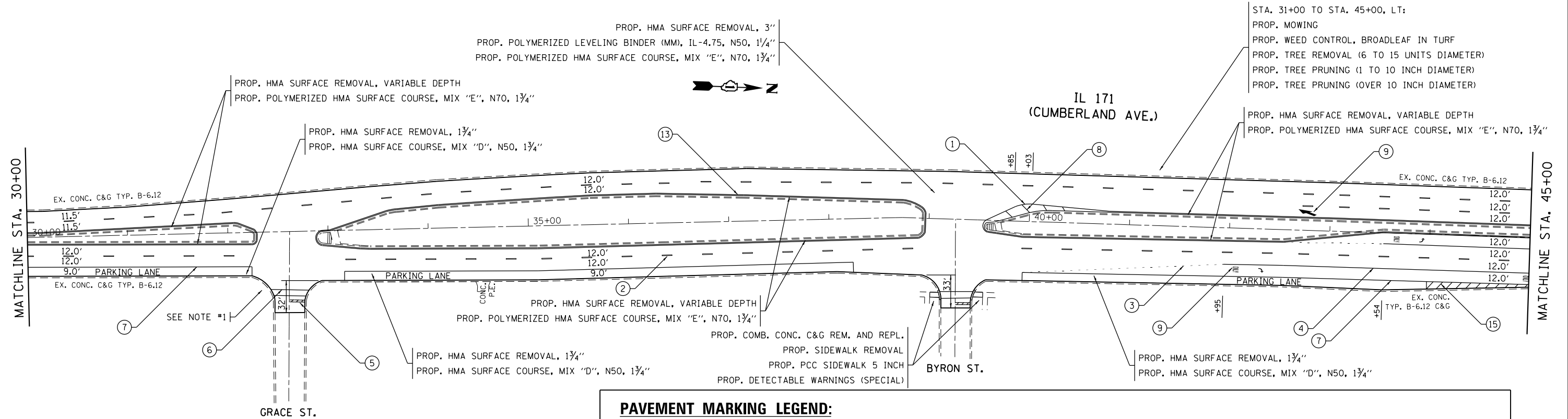
PROP. HMA SURFACE REMOVAL, VARIABLE DEPTH
 PROP. POLYMERIZED HMA SURFACE COURSE, MIX "E", N70, 1 3/4"
 SEE NOTE #1



NOTE:

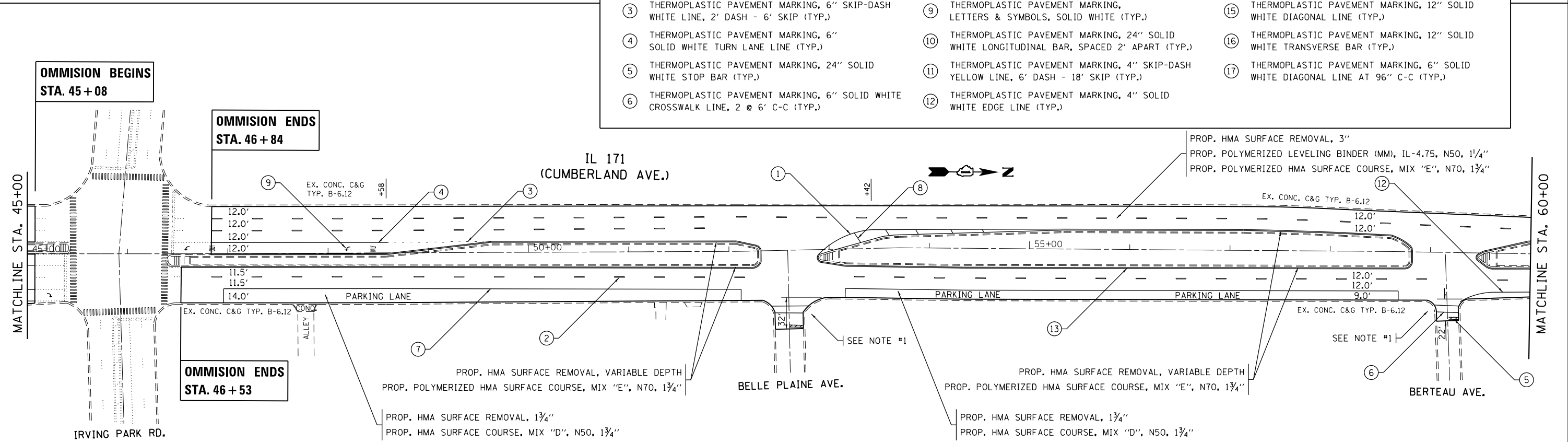
1. SEE SIDEWALK DETAIL PLAN FOR PROPOSED SIDEWALK DESIGN.

FILE NAME =	USER NAME = toriafm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY AND PAVEMENT MARKING PLAN IL 171 (I-90 (KENNEDY EXPWY.) TO FOREST PRESERVE DR.)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw\IL084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\DI07417\Design\DI07417-sht-plen.dgn		CHECKED -	REVISED -			372	3056B-RS-2	COOK	73	12	
PLOT SCALE = 100.0000' / in.		DATE -	REVISED -			CONTRACT NO. 62D65					
Default		PLOT DATE = 5/8/2018	REVISED -			SCALE: 1"=50'	SHEET OF SHEETS	STA. 8+46 TO STA. 30+00	ILLINOIS FED. AID PROJECT		



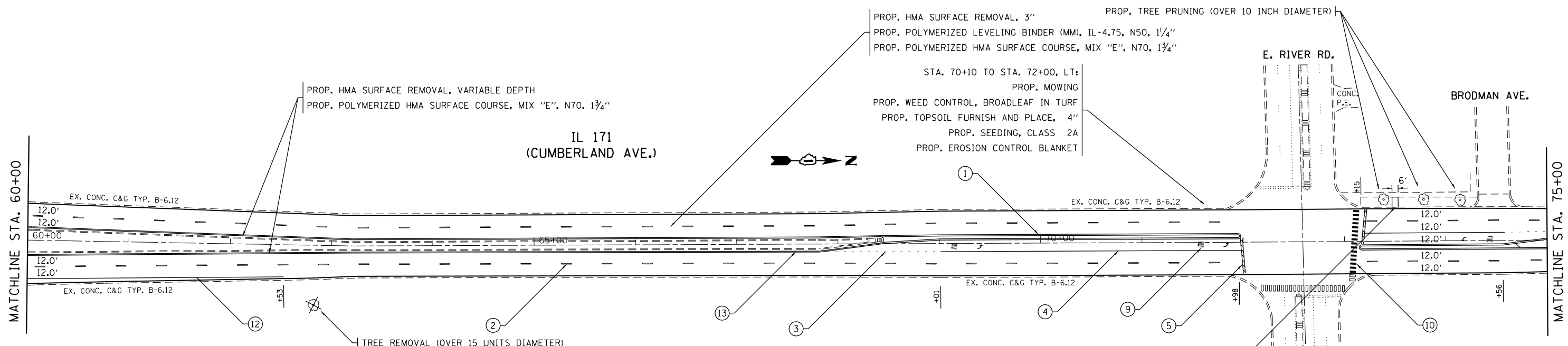
PAVEMENT MARKING LEGEND:

① THERMOPLASTIC PAVEMENT MARKING, 4" DOUBLE SOLID YELLOW CENTERLINE, 2 @ 11" C-C (TYP.)	⑦ THERMOPLASTIC PAVEMENT MARKING, 4" SOLID WHITE PARKING LINE (TYP.)	⑬ THERMOPLASTIC PAVEMENT MARKING, 4" SOLID YELLOW EDGE LINE (TYP.)
② THERMOPLASTIC PAVEMENT MARKING, 4" SKIP-DASH WHITE LANE LINE, 10' DASH - 30' SKIP (TYP.)	⑧ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL LINE (TYP.)	⑭ THERMOPLASTIC PAVEMENT MARKING, 8" SOLID WHITE GORE LINE (TYP.)
③ THERMOPLASTIC PAVEMENT MARKING, 6" SKIP-DASH WHITE LINE, 2' DASH - 6' SKIP (TYP.)	⑨ THERMOPLASTIC PAVEMENT MARKING, LETTERS & SYMBOLS, SOLID WHITE (TYP.)	⑮ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL LINE (TYP.)
④ THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE TURN LANE LINE (TYP.)	⑩ THERMOPLASTIC PAVEMENT MARKING, 24" SOLID WHITE LONGITUDINAL BAR, SPACED 2' APART (TYP.)	⑯ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE TRANSVERSE BAR (TYP.)
⑤ THERMOPLASTIC PAVEMENT MARKING, 24" SOLID WHITE STOP BAR (TYP.)	⑪ THERMOPLASTIC PAVEMENT MARKING, 4" SKIP-DASH YELLOW LINE, 6' DASH - 18' SKIP (TYP.)	⑰ THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE DIAGONAL LINE AT 96" C-C (TYP.)
⑥ THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE CROSSWALK LINE, 2 @ 6' C-C (TYP.)	⑫ THERMOPLASTIC PAVEMENT MARKING, 4" SOLID WHITE EDGE LINE (TYP.)	

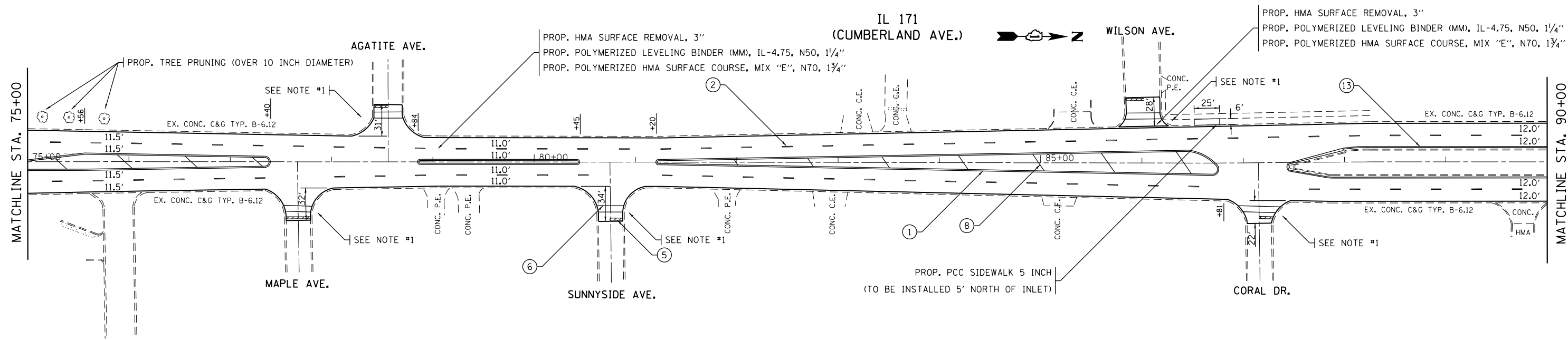


NOTE:
1. SEE SIDEWALK DETAIL PLAN FOR PROPOSED SIDEWALK DESIGN.

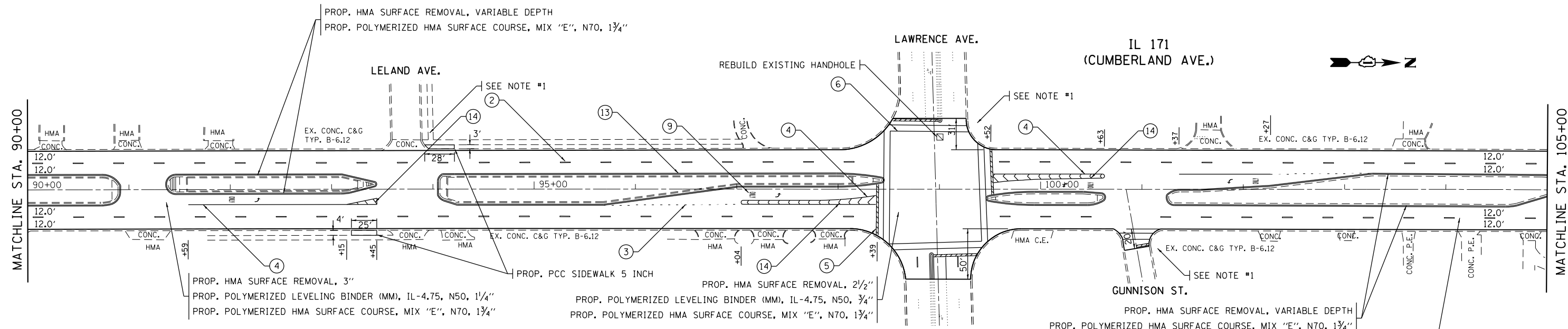
FILE NAME =	USER NAME = toriafm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY AND PAVEMENT MARKING PLAN IL 171 (I-90 (KENNEDY EXPWY.) TO FOREST PRESERVE DR.)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\DI07417\Design\DI07417-sht-pln.dgn		CHECKED -	REVISED -			372	3056B-RS-2	COOK	73	13	
PLOT SCALE = 100.0000' / 1in.		DATE -	REVISED -			CONTRACT NO. 62D65					
Default		PLOT DATE = 5/8/2018				ILLINOIS FED. AID PROJECT					



- | | | |
|--|--|--|
| ① THERMOPLASTIC PAVEMENT MARKING, 4" DOUBLE SOLID YELLOW CENTERLINE, 2 @ 11" C-C (TYP.) | ⑦ THERMOPLASTIC PAVEMENT MARKING, 4" SOLID WHITE PARKING LINE (TYP.) | ⑬ THERMOPLASTIC PAVEMENT MARKING, 4" SOLID YELLOW EDGE LINE (TYP.) |
| ② THERMOPLASTIC PAVEMENT MARKING, 4" SKIP-DASH WHITE LANE LINE, 10' DASH - 30' SKIP (TYP.) | ⑧ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL LINE (TYP.) | ⑭ THERMOPLASTIC PAVEMENT MARKING, 8" SOLID WHITE GORE LINE (TYP.) |
| ③ THERMOPLASTIC PAVEMENT MARKING, 6" SKIP-DASH WHITE LINE, 2' DASH - 6' SKIP (TYP.) | ⑨ THERMOPLASTIC PAVEMENT MARKING, LETTERS & SYMBOLS, SOLID WHITE (TYP.) | ⑮ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL LINE (TYP.) |
| ④ THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE TURN LANE LINE (TYP.) | ⑩ THERMOPLASTIC PAVEMENT MARKING, 24" SOLID WHITE LONGITUDINAL BAR, SPACED 2' APART (TYP.) | ⑯ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE TRANSVERSE BAR (TYP.) |
| ⑤ THERMOPLASTIC PAVEMENT MARKING, 24" SOLID WHITE STOP BAR (TYP.) | ⑪ THERMOPLASTIC PAVEMENT MARKING, 4" SKIP-DASH YELLOW LINE, 6' DASH - 18' SKIP (TYP.) | ⑰ THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE DIAGONAL LINE AT 96" C-C (TYP.) |
| ⑥ THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE CROSSWALK LINE, 2 @ 6' C-C (TYP.) | ⑫ THERMOPLASTIC PAVEMENT MARKING, 4" SOLID WHITE EDGE LINE (TYP.) | |

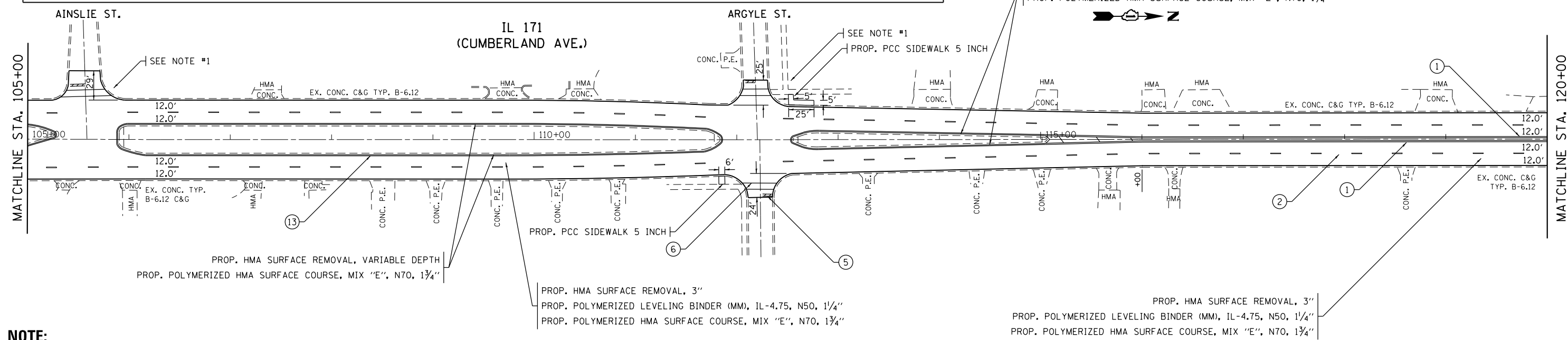


FILE NAME =	USER NAME = toriafm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY AND PAVEMENT MARKING PLAN IL 171 (I-90 (KENNEDY EXPWY.) TO FOREST PRESERVE DR.)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\DI074\Drawings\Design\DI07417-sht-plan.dgn		CHECKED -	REVISED -			372	3056B-RS-2	COOK	73	14
PLOT SCALE = 100.0000' / in.		DATE -	REVISED -			CONTRACT NO. 62D65				
Default						SCALE: 1"=50'	SHEET OF SHEETS	STA. 60+00 TO STA. 90+00	ILLINOIS FED. AID PROJECT	



PAVEMENT MARKING LEGEND:

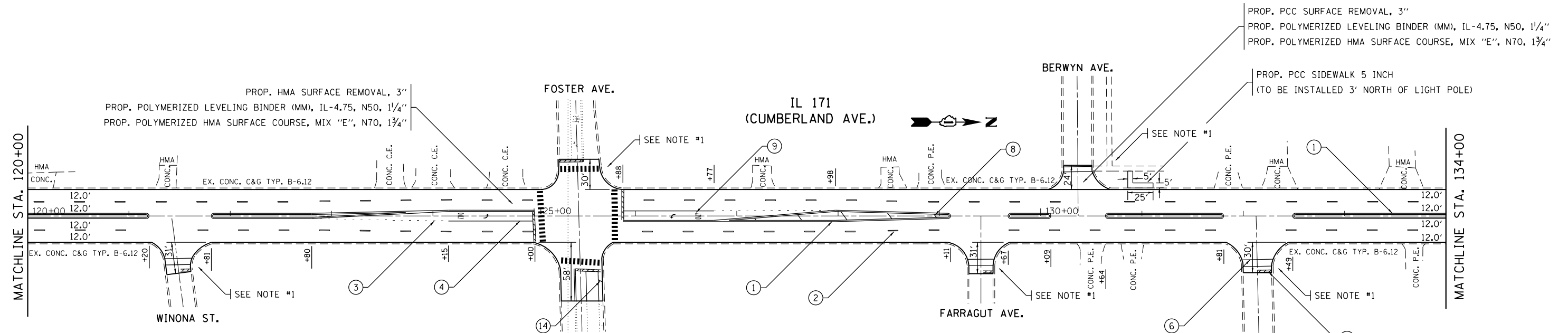
- | | | |
|--|--|--|
| ① THERMOPLASTIC PAVEMENT MARKING, 4" DOUBLE SOLID YELLOW CENTERLINE, 2 @ 11" C-C (TYP.) | ⑦ THERMOPLASTIC PAVEMENT MARKING, 4" SOLID WHITE PARKING LINE (TYP.) | ⑬ THERMOPLASTIC PAVEMENT MARKING, 4" SOLID YELLOW EDGE LINE (TYP.) |
| ② THERMOPLASTIC PAVEMENT MARKING, 4" SKIP-DASH WHITE LANE LINE, 10' DASH - 30' SKIP (TYP.) | ⑧ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW DIAGONAL LINE (TYP.) | ⑭ THERMOPLASTIC PAVEMENT MARKING, 8" SOLID WHITE GORE LINE (TYP.) |
| ③ THERMOPLASTIC PAVEMENT MARKING, 6" SKIP-DASH WHITE LINE, 2' DASH - 6' SKIP (TYP.) | ⑨ THERMOPLASTIC PAVEMENT MARKING, LETTERS & SYMBOLS, SOLID WHITE (TYP.) | ⑮ THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE DIAGONAL LINE (TYP.) |
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| ⑥ THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE CROSSWALK LINE, 2 @ 6' C-C (TYP.) | ⑫ THERMOPLASTIC PAVEMENT MARKING, 4" SOLID WHITE EDGE LINE (TYP.) | |



NOTE:

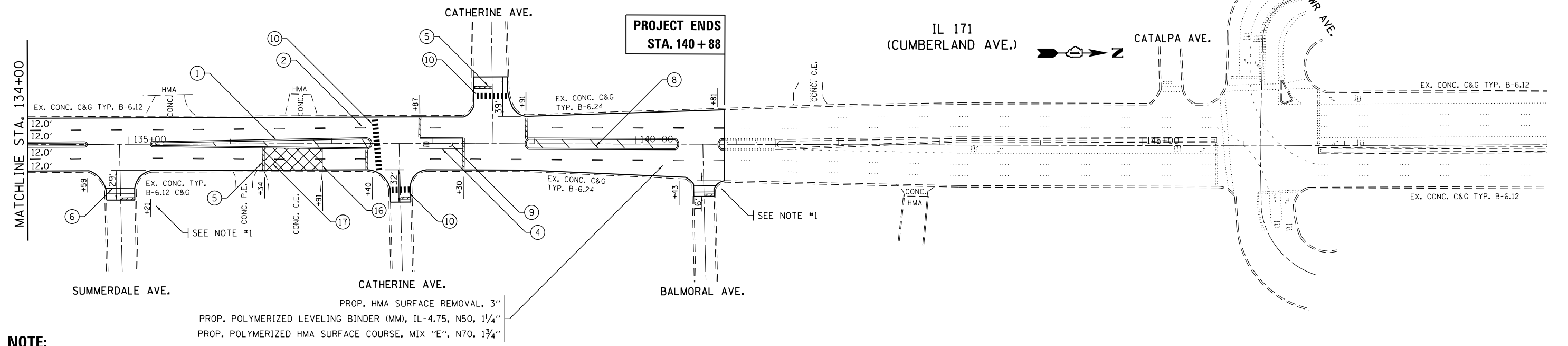
1. SEE SIDEWALK DETAIL PLAN FOR PROPOSED SIDEWALK DESIGN.

FILE NAME =	USER NAME = toriafm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY AND PAVEMENT MARKING PLAN IL 171 (I-90 (KENNEDY EXPWY.) TO FOREST PRESERVE DR.)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\DI0741\Drawings\Design\DI07417-sht-pln.dgn	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			372	3056B-RS-2	COOK	73	15
Default	PLOT DATE = 5/8/2018	DATE -	REVISED -			CONTRACT NO. 62D65				
						ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND:

- | | | |
|--|--|--|
| ① THERMOPLASTIC PAVEMENT MARKING, 4" DOUBLE SOLID YELLOW CENTERLINE, 2 @ 11" C-C (TYP.) | ⑦ THERMOPLASTIC PAVEMENT MARKING, 4" SOLID WHITE PARKING LINE (TYP.) | ⑬ THERMOPLASTIC PAVEMENT MARKING, 4" SOLID YELLOW EDGE LINE (TYP.) |
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NOTE:

1. SEE SIDEWALK DETAIL PLAN FOR PROPOSED SIDEWALK DESIGN.

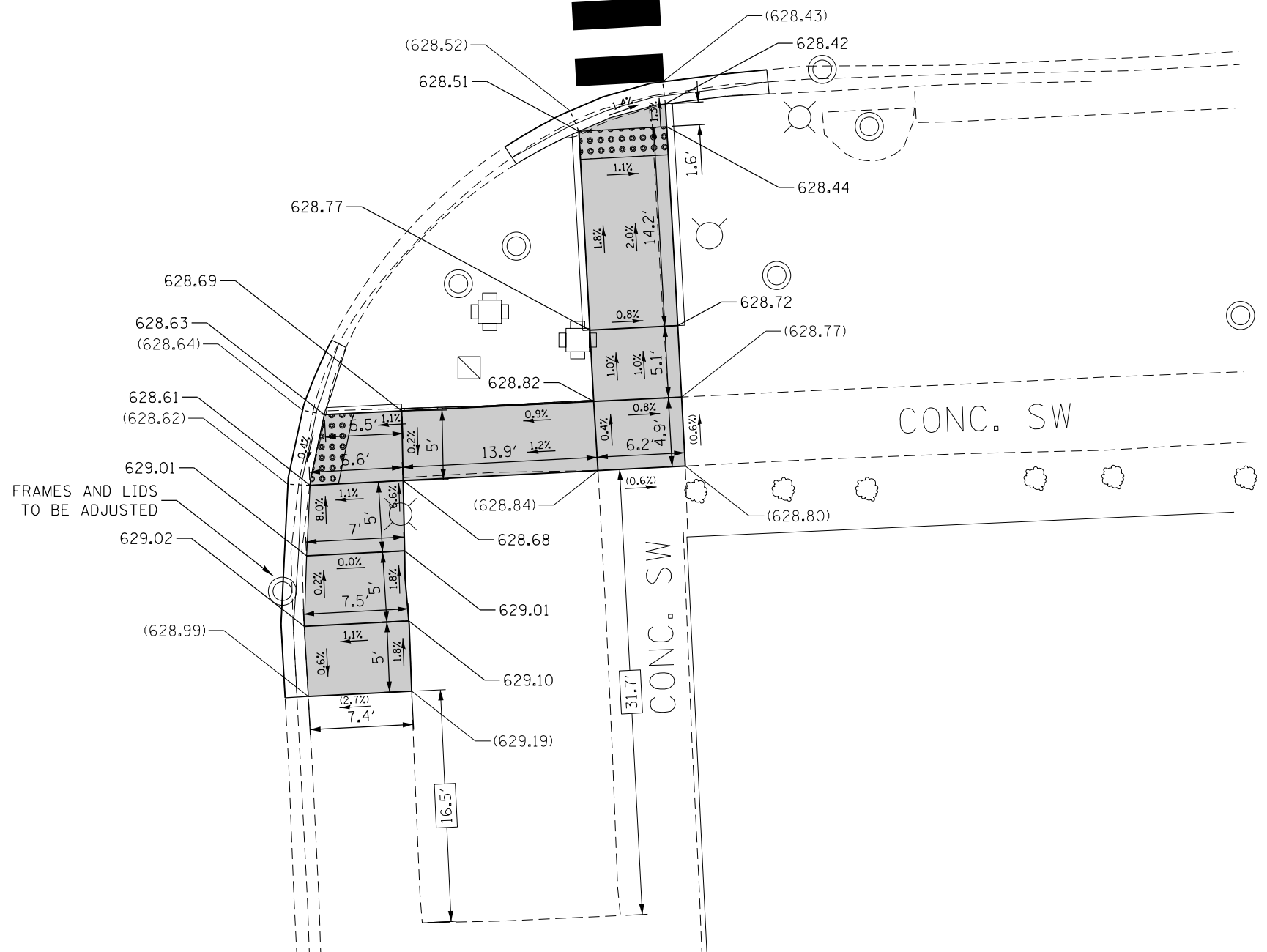
FILE NAME =	USER NAME = toriafm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ROADWAY AND PAVEMENT MARKING PLAN IL 171 (I-90 (KENNEDY EXPWY.) TO FOREST PRESERVE DR.)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 1\Projects\DI074\Drawings\Design\DI07417-sht-plen.dgn		CHECKED -	REVISED -			372	3056B-RS-2	COOK	73	16	
PLOT SCALE = 100.0000' / in.		DATE -	REVISED -			CONTRACT NO. 62D65					
Default						SCALE: 1"=50'	SHEET OF SHEETS	STA. 120+00 TO STA. 140+88	ILLINOIS FED. AID PROJECT		

IL 171 (CUMBERLAND AVE.) INTERSECTION	EARTH EXCAVATION	TOPSOIL FURNISH AND PLACE, 4"	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	SODDING, SALT TOLERANT	HOT-MIX ASPHALT BASE COURSE, 8"	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N60	PROTECTIVE COAT	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	DRIVEWAY PAVEMENT REMOVAL	SIDEWALK REMOVAL	CLASS D PATCHES, TYPE II, 10 INCH	MANHOLES TO BE ADJUSTED	INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	FRAMES AND LIDS TO BE ADJUSTED	REMOVE SIGN PANEL ASSEMBLY - TYPE A	RELOCATE SIGN PANEL ASSEMBLY - TYPE A	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	REBUILD EXISTING HANDHOLE	REMOVE EXISTING CONCRETE FOUNDATION	DETECTABLE WARNINGS (SPECIAL)	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT
	CU YD	SQ YD	POUND	POUND	POUND	SQ YD	SQ YD	TON	SQ YD	SQ YD	SQ FT	SQ FT	SQ YD	SQ FT	SQ YD	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	SQ FT	FOOT
	20200100	21101615	25000400	25000500	25000600	25200110	35501316	40603335	42001300	42300400	42400200	42400410	44000200	44000600	44201765	60255500	60260300	60300305	72400100	72400500	85000200	89500400	89502376	89502385	X4240800	Z0004562
ADDISON ST.	6.5	28	0.35	0.35	0.35	28	0	0.0	113	0	0	804	0	779	0	0	1	2	0	0	0	2	0	0	54	103
WAVELAND AVE.	1.5	16	0.20	0.20	0.20	16	0	0.0	69	0	469	0	0	352	0	1	0	0	0	0	0	0	0	0	40	72
GRACE ST.	3.0	11	0.14	0.14	0.14	11	0	0.0	29	0	193	0	0	193	0	0	0	0	0	0	0	0	0	0	20	31
BYRON ST.	0.0	7	0.09	0.09	0.09	7	0	0.0	15	0	92	0	0	92	0	0	0	0	0	0	0	0	0	0	20	20
BELLE PLAINE AVE.	5.0	15	0.19	0.19	0.19	15	0	0.0	60	0	393	0	0	393	10	0	0	0	0	0	0	0	1	0	48	70
BERTEAU AVE.	3.0	21	0.26	0.26	0.26	21	0	0.0	45	0	340	0	0	351	7	0	0	0	0	0	0	0	0	0	20	30
E. RIVER RD./MONTROSE AVE.	0.0	3	0.04	0.04	0.04	3	0	0.0	6	0	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MAPLE AVE.	3.0	14	0.17	0.17	0.17	14	0	0.0	42	0	315	0	0	306	7	0	0	1	0	0	0	0	0	0	18	29
AGATITE AVE.	3.0	14	0.17	0.17	0.17	14	0	0.0	40	0	268	0	0	278	19	0	0	0	1	1	0	0	0	0	22	44
SUNNYSIDE AVE.	3.0	17	0.21	0.21	0.21	17	0	0.0	39	0	280	0	0	263	9	0	0	0	0	0	0	0	0	0	20	35
WILSON AVE.	3.0	12	0.15	0.15	0.15	12	0	0.0	73	0	545	0	0	374	23	1	0	0	0	0	0	0	0	0	24	53
CORAL DR.	5.0	23	0.29	0.29	0.29	23	0	0.0	52	0	356	0	0	380	23	2	0	0	0	0	0	0	0	0	25	53
LELAND AVE.	3.0	8	0.10	0.10	0.10	8	0	0.0	63	15	364	0	15	182	0	0	0	0	0	0	0	0	0	0	21	30
LAWRENCE AVE.	12.0	5	0.06	0.06	0.06	5	0	0.0	164	0	0	1174	0	1178	16	0	0	0	0	0	1	3	4	0	54	150
GUNNISON ST.	3.0	9	0.11	0.11	0.11	9	3	0.4	44	0	0	272	8	120	8	0	0	0	0	0	0	0	0	0	23	61
AINSLIE ST.	3.0	5	0.06	0.06	0.06	5	4	0.5	43	10	190	0	14	174	23	0	0	0	0	0	0	0	0	0	32	50
ARGYLE ST.	6.0	46	0.57	0.57	0.57	46	6	0.7	127	0	925	0	7	690	12	3	0	1	0	0	0	0	0	0	45	105
WINONA ST.	3.0	20	0.25	0.25	0.25	20	0	0.0	56	0	401	0	0	364	12	2	0	0	0	0	0	0	0	0	23	51
FOSTER AVE.	12.0	41	0.51	0.51	0.51	41	0	0.0	166	0	1146	0	0	1119	37	1	0	0	0	0	1	8	1	1	78	170
FARRAGUT AVE.	3.0	12	0.15	0.15	0.15	12	0	0.0	39	0	256	0	0	245	0	1	0	0	0	0	0	0	0	0	22	45
BERWYN AVE. (SOUTH)	3.0	24	0.30	0.30	0.30	24	0	0.0	70	0	565	0	0	365	15	0	0	0	0	0	0	0	0	0	22	32
BERWYN AVE. (NORTH)	3.0	16	0.20	0.20	0.20	16	0	0.0	47	0	339	0	0	329	0	0	0	0	0	0	0	0	0	0	21	42
SUMMERDALE AVE.	3.0	17	0.21	0.21	0.21	17	0	0.0	49	0	318	0	0	291	0	0	0	0	0	0	0	0	0	0	21	60
CATHERINE AVE. (SOUTH)	0.0	0	0.00	0.00	0.00	0	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
CATHERINE AVE. (NORTH)	0.0	0	0.00	0.00	0.00	0	0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
BALMORAL AVE.	5.0	9	0.11	0.11	0.11	9	0	0.0	38	0	234	0	0	220	11	0	0	0	1	1	0	0	0	0	23	51
TOTAL	95.0	393	5	5	5	393	13	1.6	1489	25	8043	2250	44	9038	220	11	1	4	2	2	2	15	6	1	696	1387



CUMBERLAND AVE

ADDISON ST



REFERENCE BENCHMARK ELEV 629.59
 BENCHMARK : SQUARE ON SOUTHWEST CORNER OF CONCRETE BASE
 LOCATION : TRAFFIC CONTROL BOX AT NORTHEAST CORNER OF ADDISON ST.
 AND CUMBERLAND AVE.

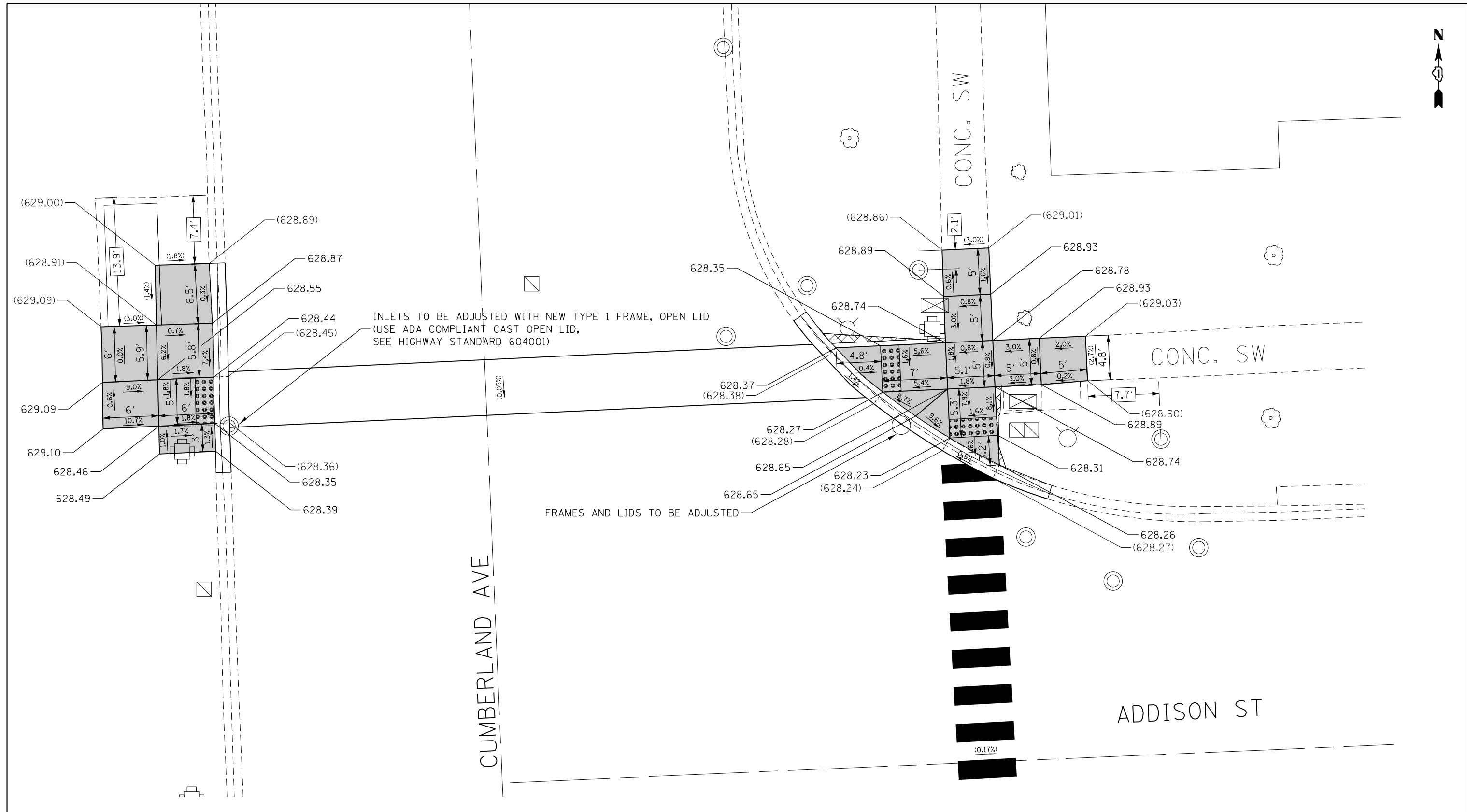
LEGEND

xx.xx'	EXISTING LENGTH		PROPOSED SIDEWALK
	PROPOSED SIDE CURB		DETECTABLE WARNINGS
()	EXISTING ELEVATION/SLOPE		SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV 629.59
 BENCHMARK : SQUARE ON SOUTHWEST CORNER OF CONCRETE BASE
 LOCATION : TRAFFIC CONTROL BOX AT NORTHEAST CORNER OF ADDISON ST.
 AND CUMBERLAND AVE.

FILE NAME =	USER NAME = toriafm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIDEWALK DETAIL PLAN IL 171 (I-90 (KENNEDY EXPWY.) TO FOREST PRESERVE DR.)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
<p style="font-size: small;">pw:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 1\Projects\DI07417-sht-details.dgn</p>						DRAWN	372	3056B-R5-2	COOK	73	18
Default	PLOT SCALE = 10.0000' / in.	CHECKED -	REVISED -			SCALE:		SHEET OF SHEETS		STA. TO STA.	

CONTRACT NO. 62D65

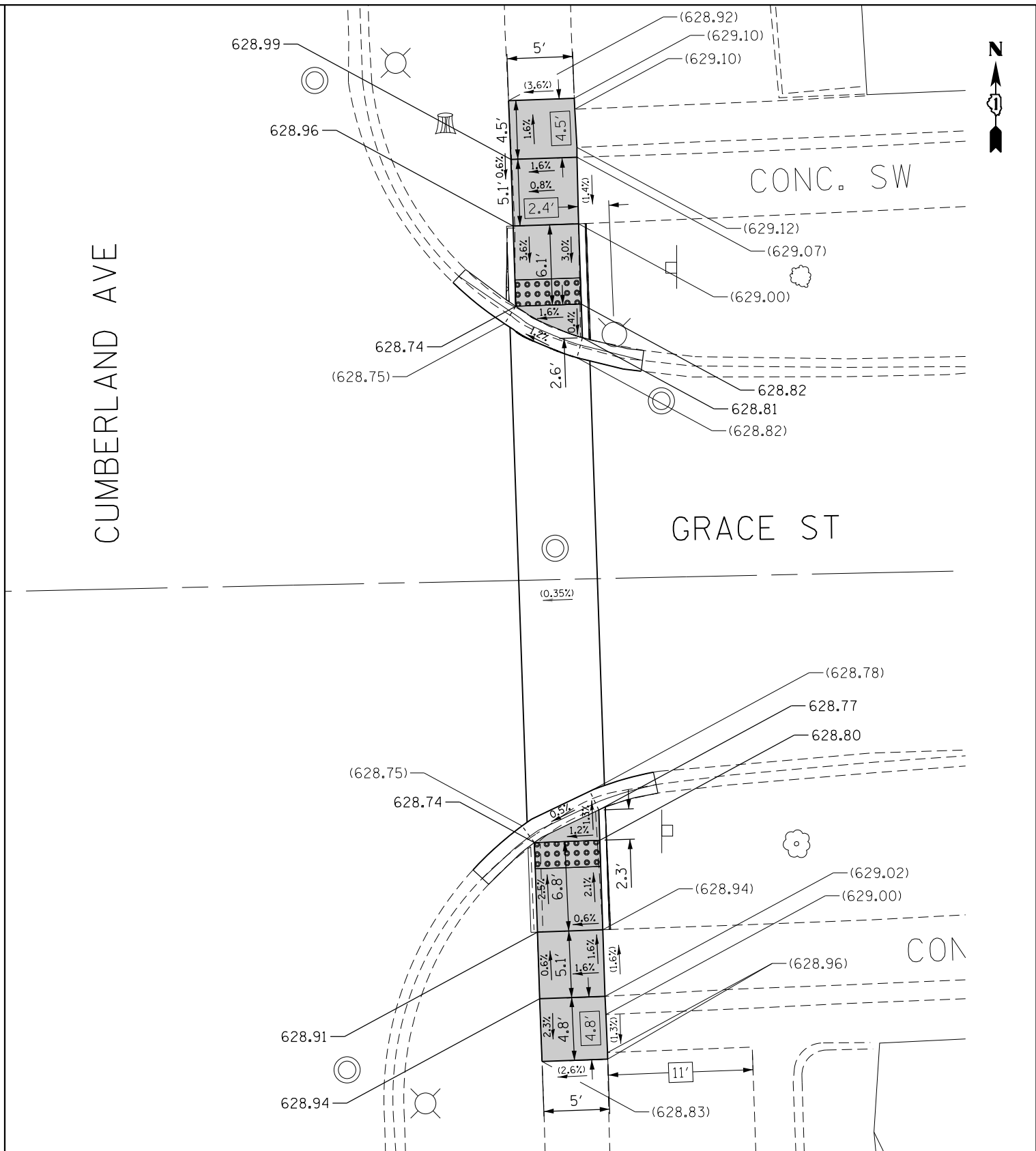
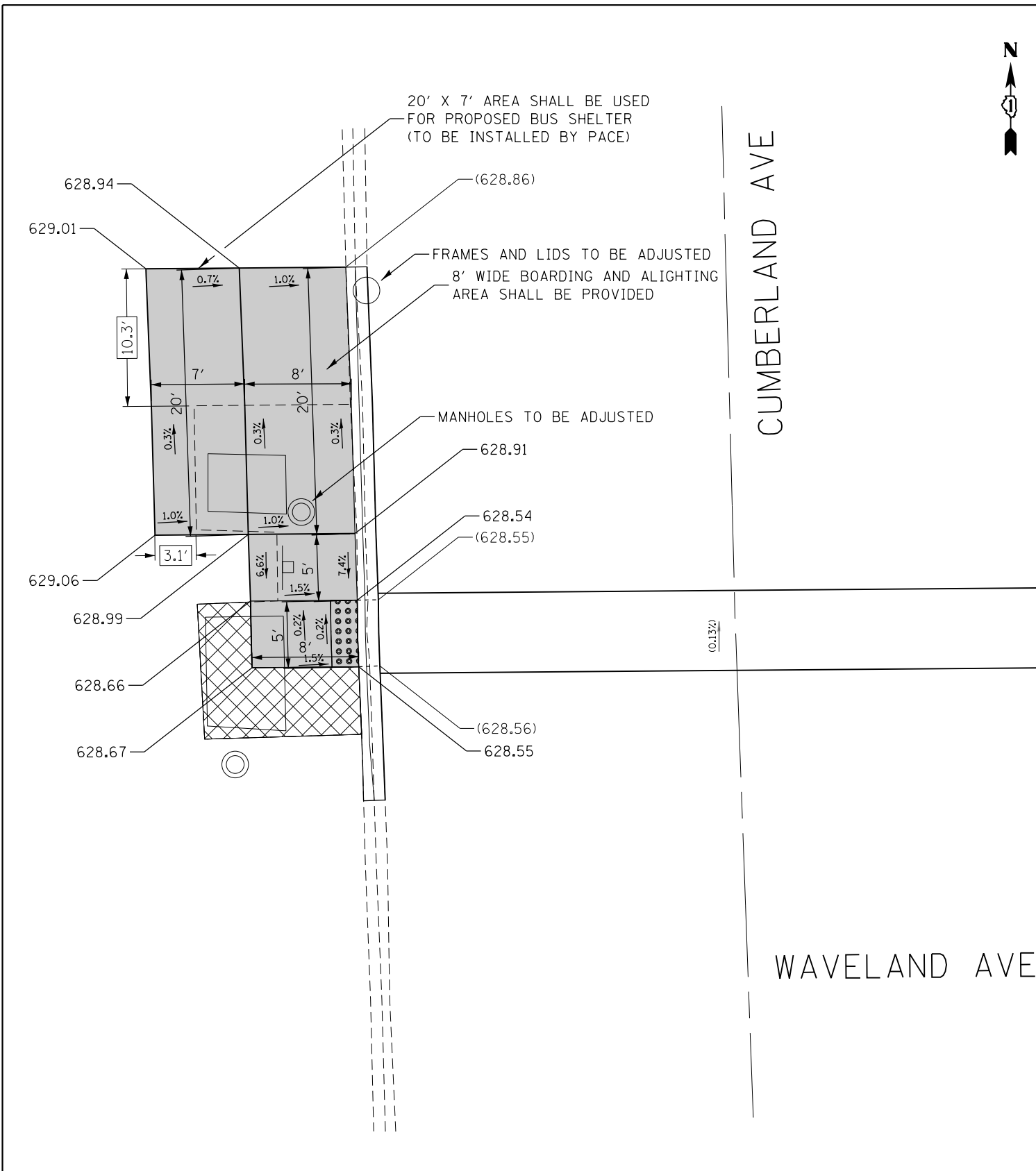


REFERENCE BENCHMARK ELEV 629.59
 BENCHMARK : SQUARE ON SOUTHWEST CORNER OF CONCRETE BASE
 LOCATION : TRAFFIC CONTROL BOX AT NORTHEAST CORNER OF ADDISON ST. AND CUMBERLAND AVE.

LEGEND

xx.xx'	EXISTING LENGTH		PROPOSED SIDEWALK
	PROPOSED SIDE CURB		DETECTABLE WARNINGS
()	EXISTING ELEVATION/SLOPE		SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV 629.59
 BENCHMARK : SQUARE ON SOUTHWEST CORNER OF CONCRETE BASE
 LOCATION : TRAFFIC CONTROL BOX AT NORTHEAST CORNER OF ADDISON ST. AND CUMBERLAND AVE.

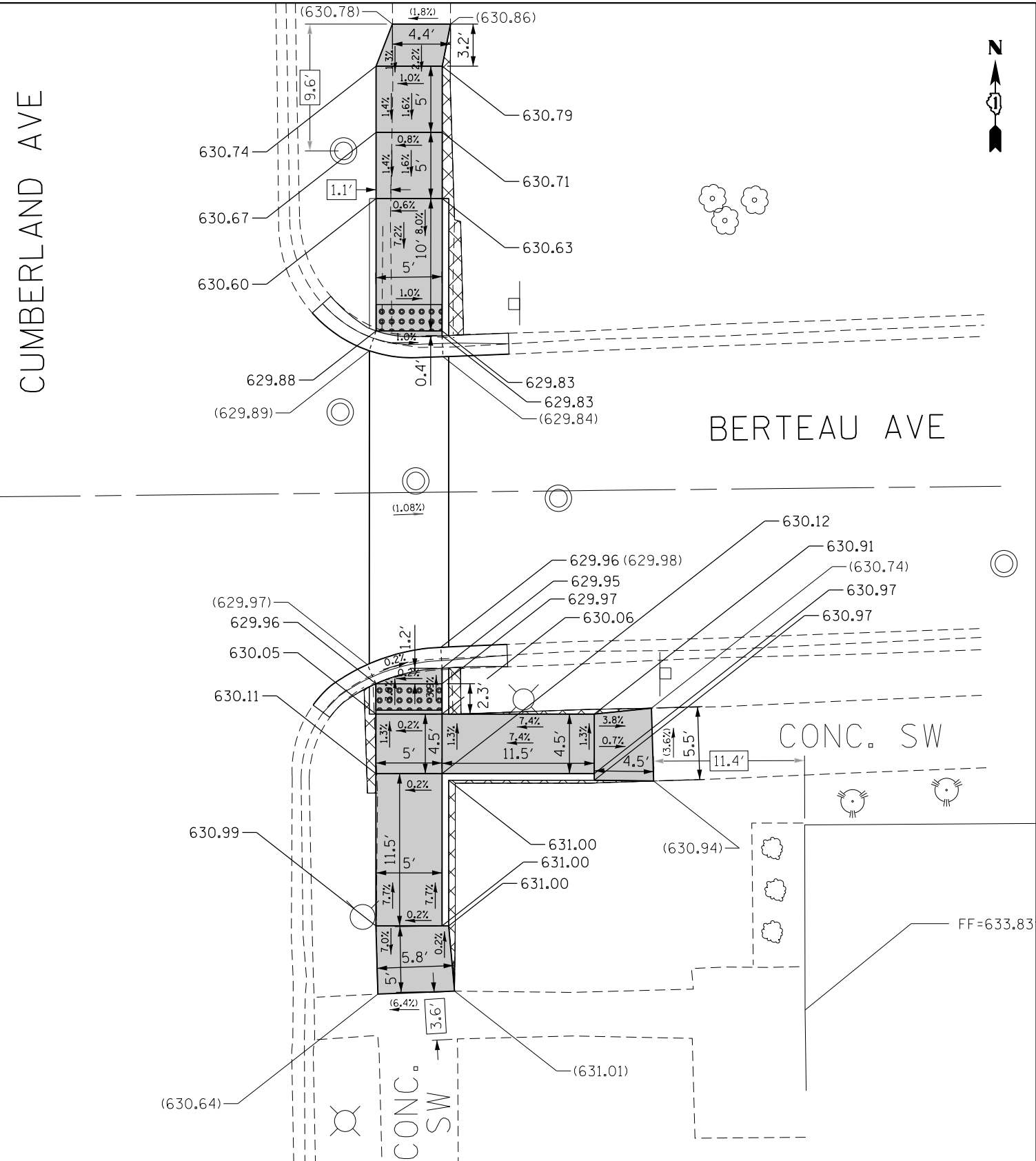
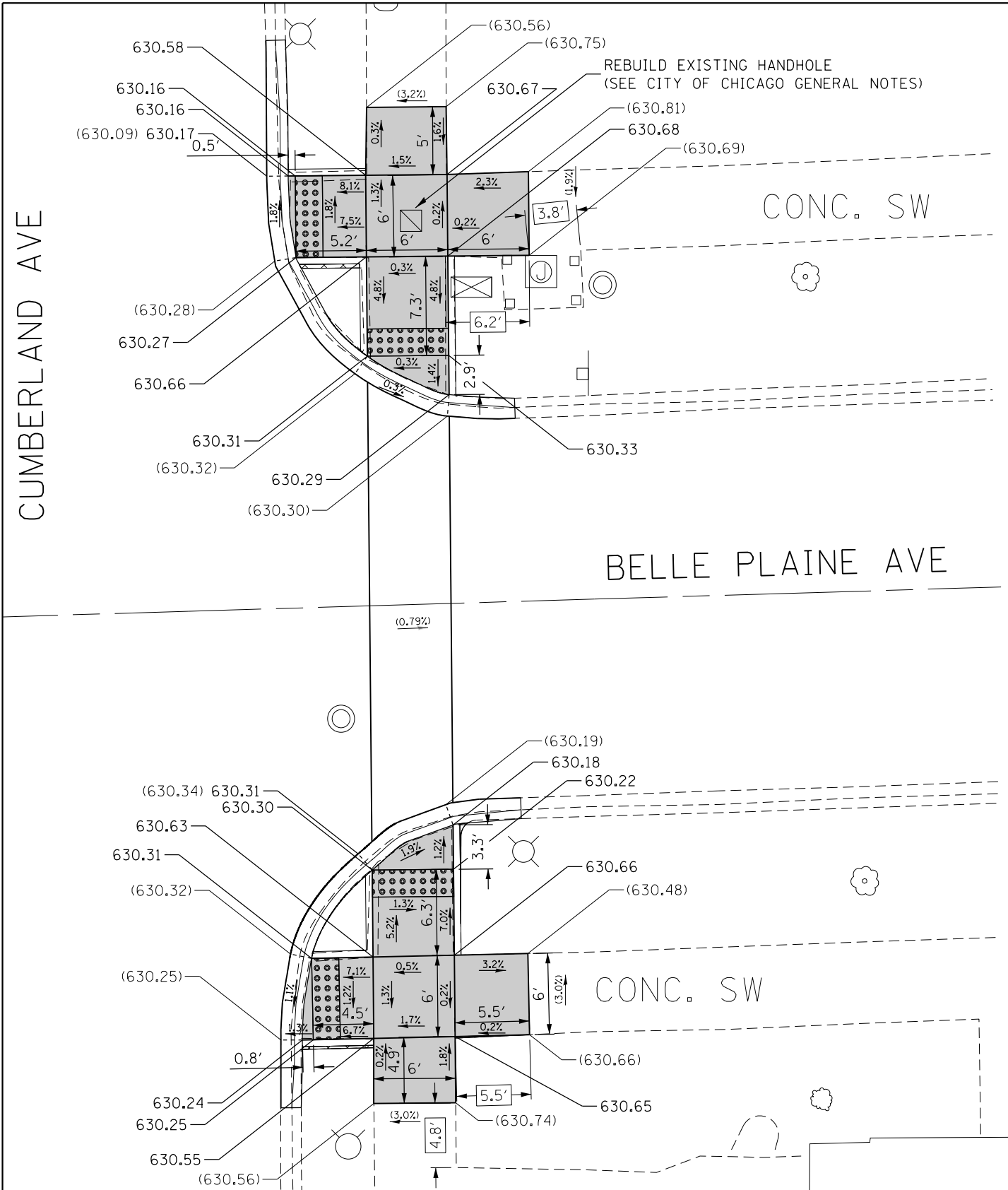


REFERENCE BENCHMARK ELEV 630.79
 BENCHMARK : CROSS ON SOUTHWEST BOLT OF LIGHT POLE
 LOCATION : LIGHT POLE AT NORTHEAST CORNER OF WAVELAND AVE.
 AND CUMBERLAND AVE.

LEGEND

xx.xx'	EXISTING LENGTH		PROPOSED SIDEWALK
	PROPOSED SIDE CURB		DETECTABLE WARNINGS
()	EXISTING ELEVATION/SLOPE		SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV 631.01
 BENCHMARK : "X" CUT ON NORTHEAST BOLT OF LIGHT POLE
 LOCATION : LIGHT POLE AT SOUTHEAST CORNER OF GRACE ST.
 AND CUMBERLAND AVE.



REFERENCE BENCHMARK ELEV 630.61
 BENCHMARK : SQUARE ON SOUTHEAST CORNER OF CONCRETE BASE OF ELECTRIC BOX
 LOCATION : ELECTIC BOX AT NORTHEAST CORNER OF BELLE PLAINE AVE. AND CUMBERLAND AVE.

LEGEND

	EXISTING LENGTH		PROPOSED SIDEWALK
	PROPOSED SIDE CURB		DETECTABLE WARNINGS
	EXISTING ELEVATION/SLOPE		SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

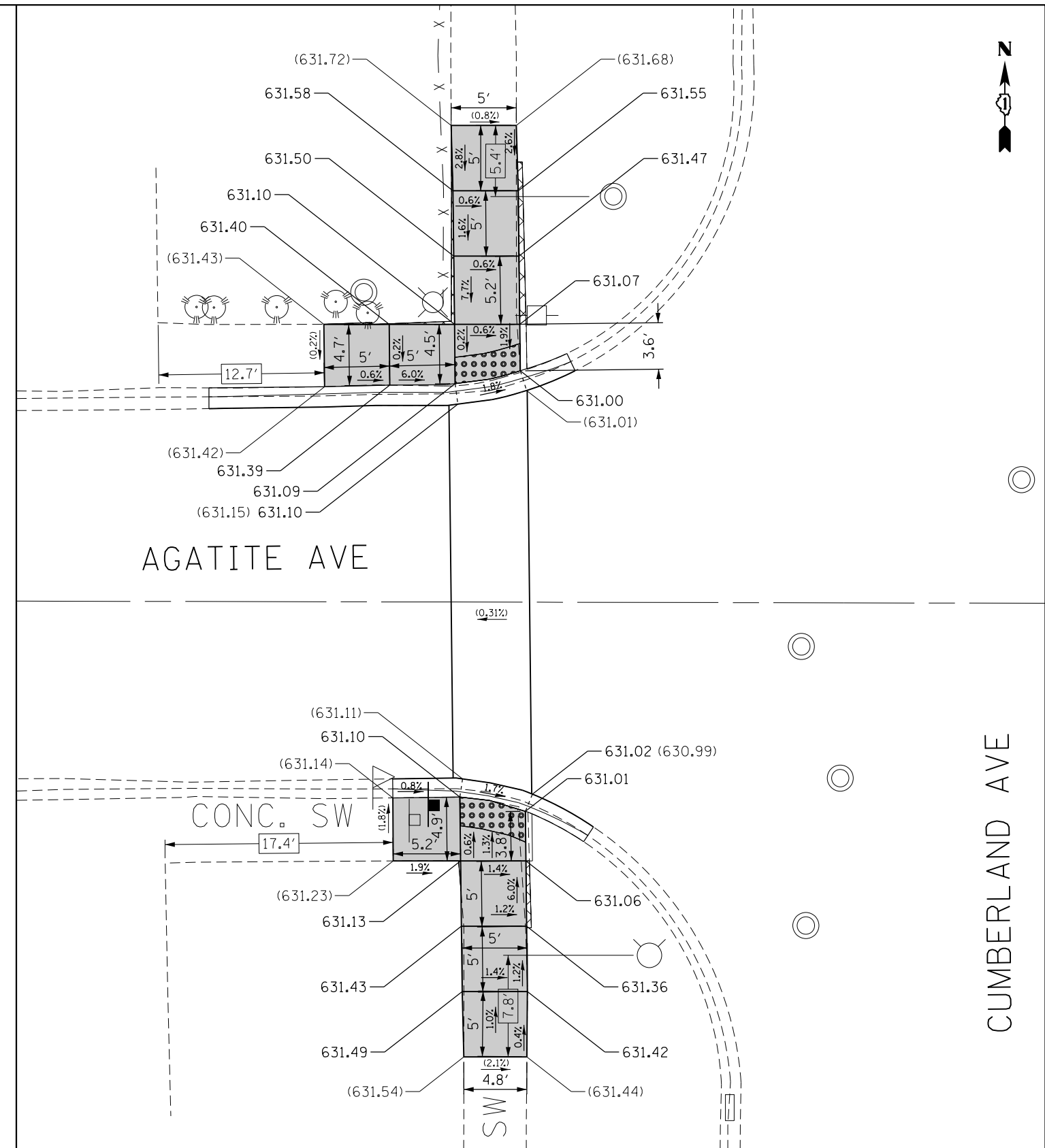
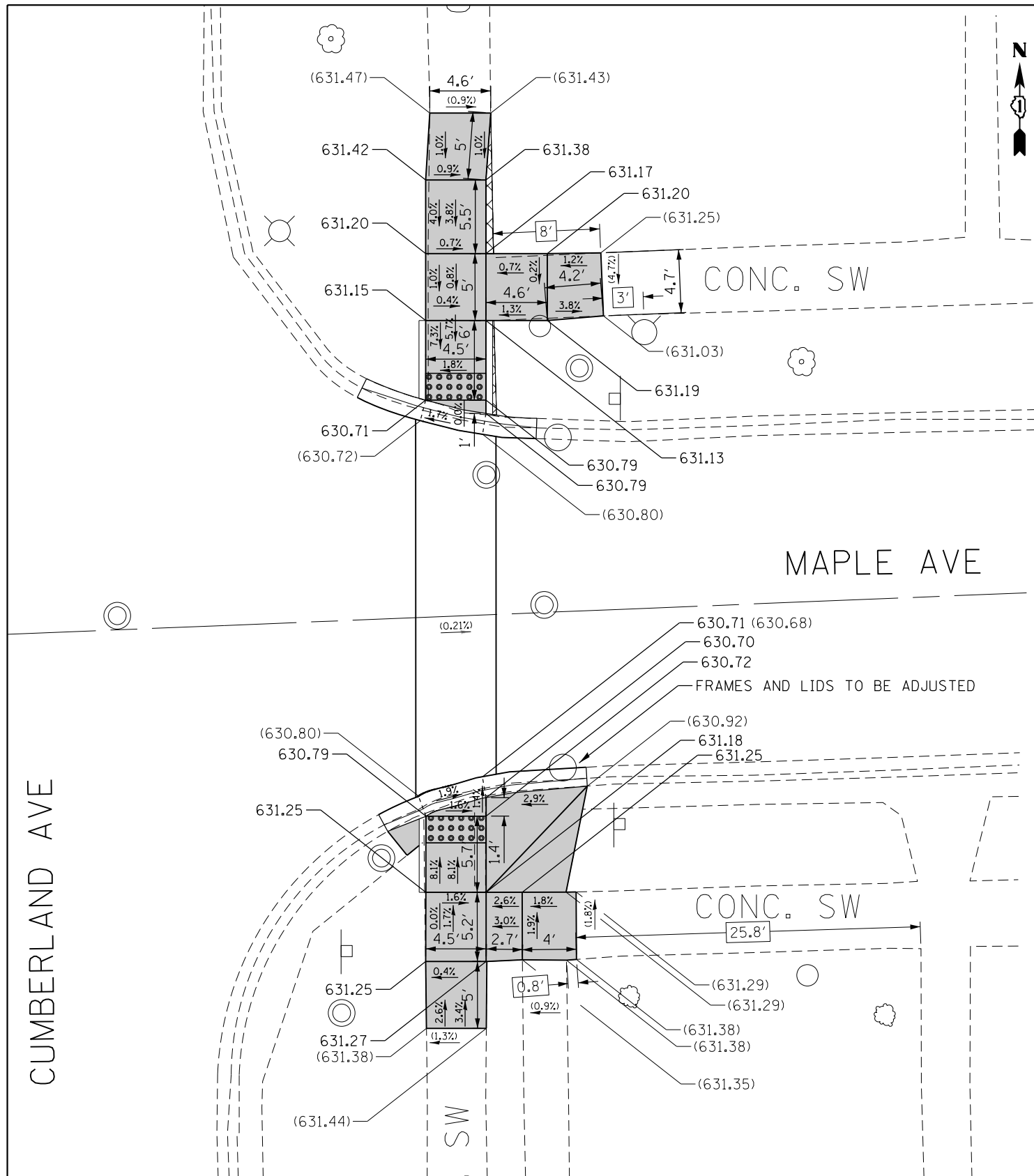
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 BENCHMARK : SQUARE ON SOUTH SIDE OF CONCRETE BASE
 LOCATION : LIGHT POLE AT SOUTHEAST CORNER OF BERTEAU AVE. AND CUMBERLAND AVE.

FILE NAME =	USER NAME = toriafm	DESIGNED -	REVISED -
pw\1\084EBID\INTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 1\Projects\DI074\Drawings\Design\DI07417-sht-details.dgn		REVISOR -	REVISOR -
PLOT SCALE = 10.0000' / in.	CHECKED -	REVISOR -	REVISOR -
Default	DATE -	REVISOR -	REVISOR -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAIL PLAN
 IL 171 (I-90 (KENNEDY EXPWY.) TO FOREST PRESERVE DR.)**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	3056B-R5-2	COOK	73	21
CONTRACT NO. 62D65				
ILLINOIS FED. AID PROJECT				

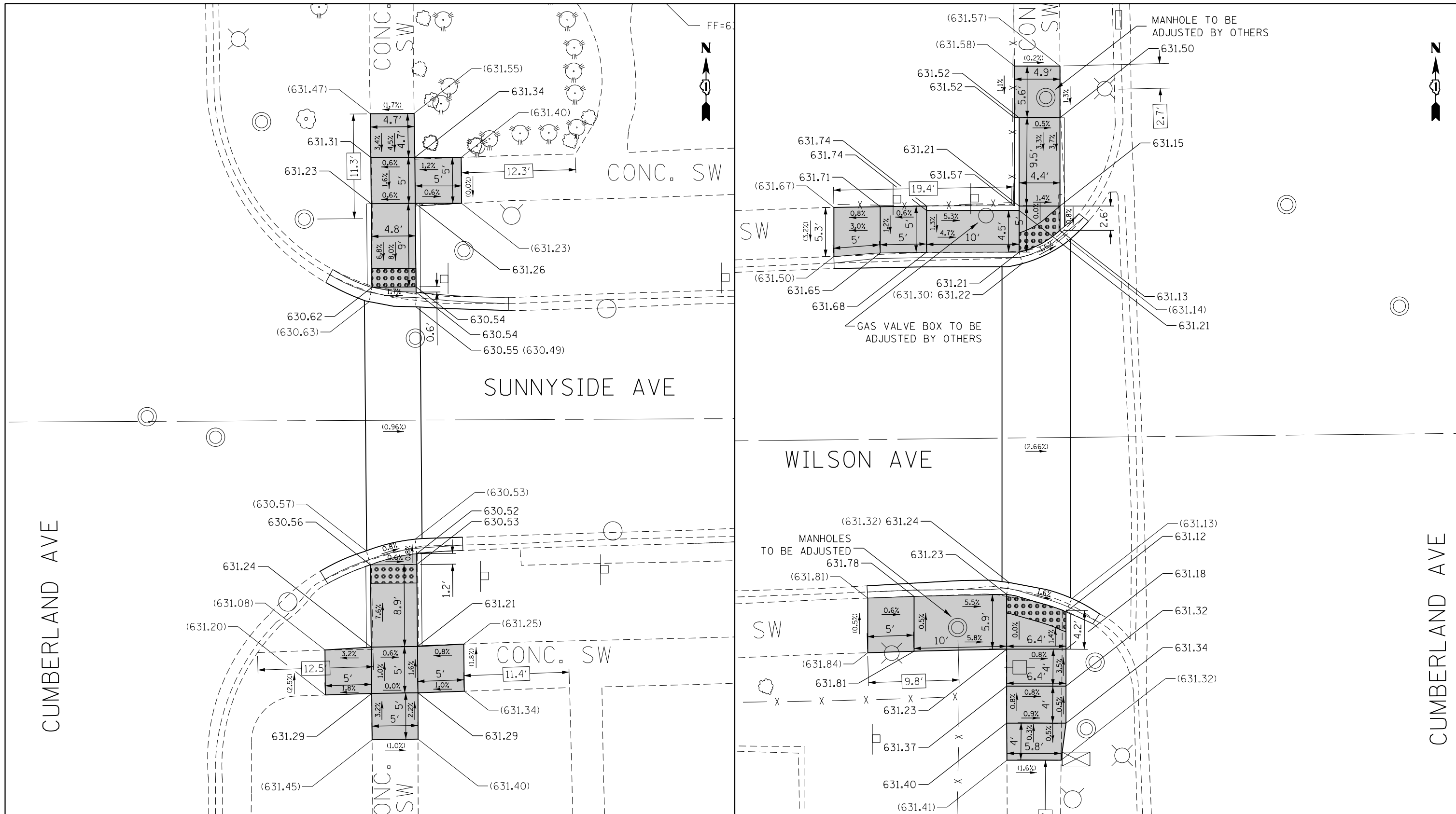


REFERENCE BENCHMARK ELEV 631.14
 BENCHMARK : SQUARE ON SOUTH SIDE OF CONCRETE BASE
 LOCATION : LIGHT POLE AT NORTHEAST CORNER OF MAPLE AVE.
 AND CUMBERLAND AVE.

LEGEND

xx.xx'	EXISTING LENGTH		PROPOSED SIDEWALK
	PROPOSED SIDE CURB		DETECTABLE WARNINGS
()	EXISTING ELEVATION/SLOPE		SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV 633.32
 BENCHMARK : CROSS CUT ON NORTHWEST BOLT OF LIGHT POLE
 LOCATION : LIGHT POLE AT SOUTHWEST CORNER OF AGATITE AVE.
 AND CUMBERLAND AVE.



REFERENCE BENCHMARK ELEV 631.24
 BENCHMARK : SQUARE CUT ON THE NORTH SIDE OF CONCRETE BASE
 LOCATION : LIGHT POLE AT SOUTHEAST CORNER OF SUNNYSIDE AVE.
 AND CUMBERLAND AVE.

LEGEND

xx.xx'

EXISTING LENGTH

==

PROPOSED SIDE CURB

()

EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL
 REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV 632.14
 BENCHMARK : SQUARE CUT ON THE NORTH SIDE OF CONCRETE BASE
 LOCATION : MCDONALDS SIGN ON THE SOUTH SIDE OF ENTRANCE/EXIT TO
 MCDONALDS AT SOUTHWEST CORNER OF WILSON AVE. AND CUMBERLAND AVE.

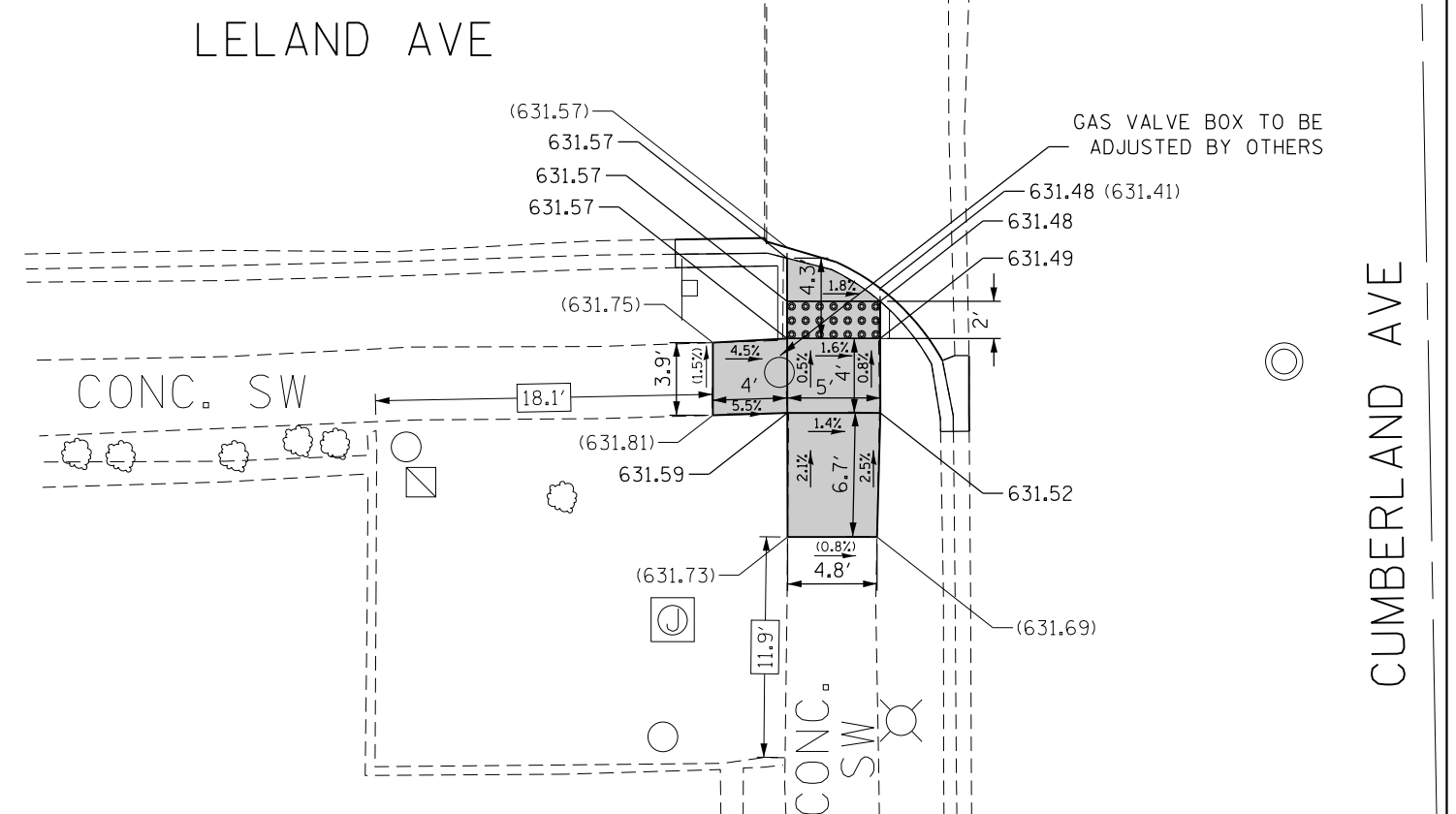
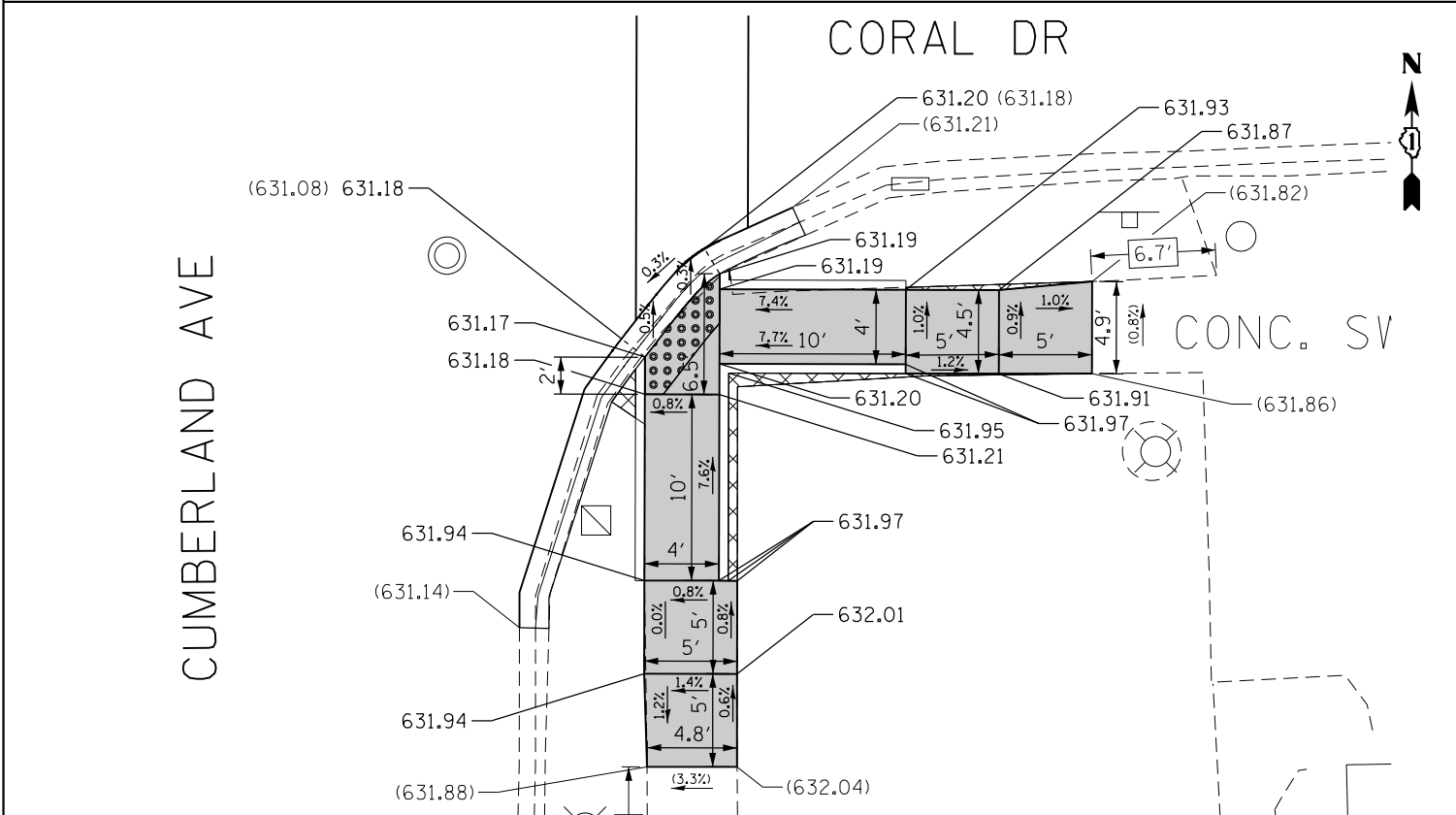
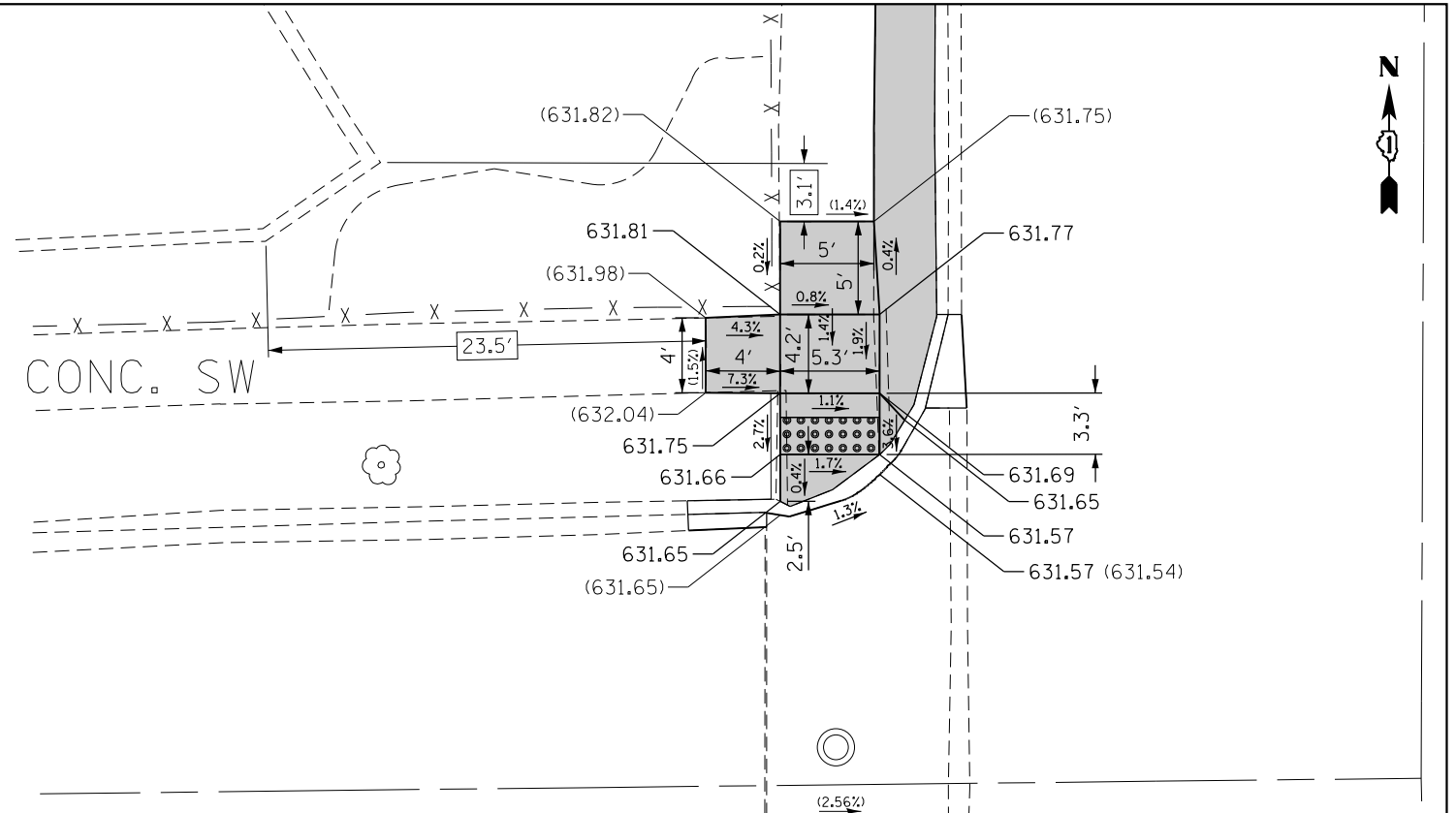
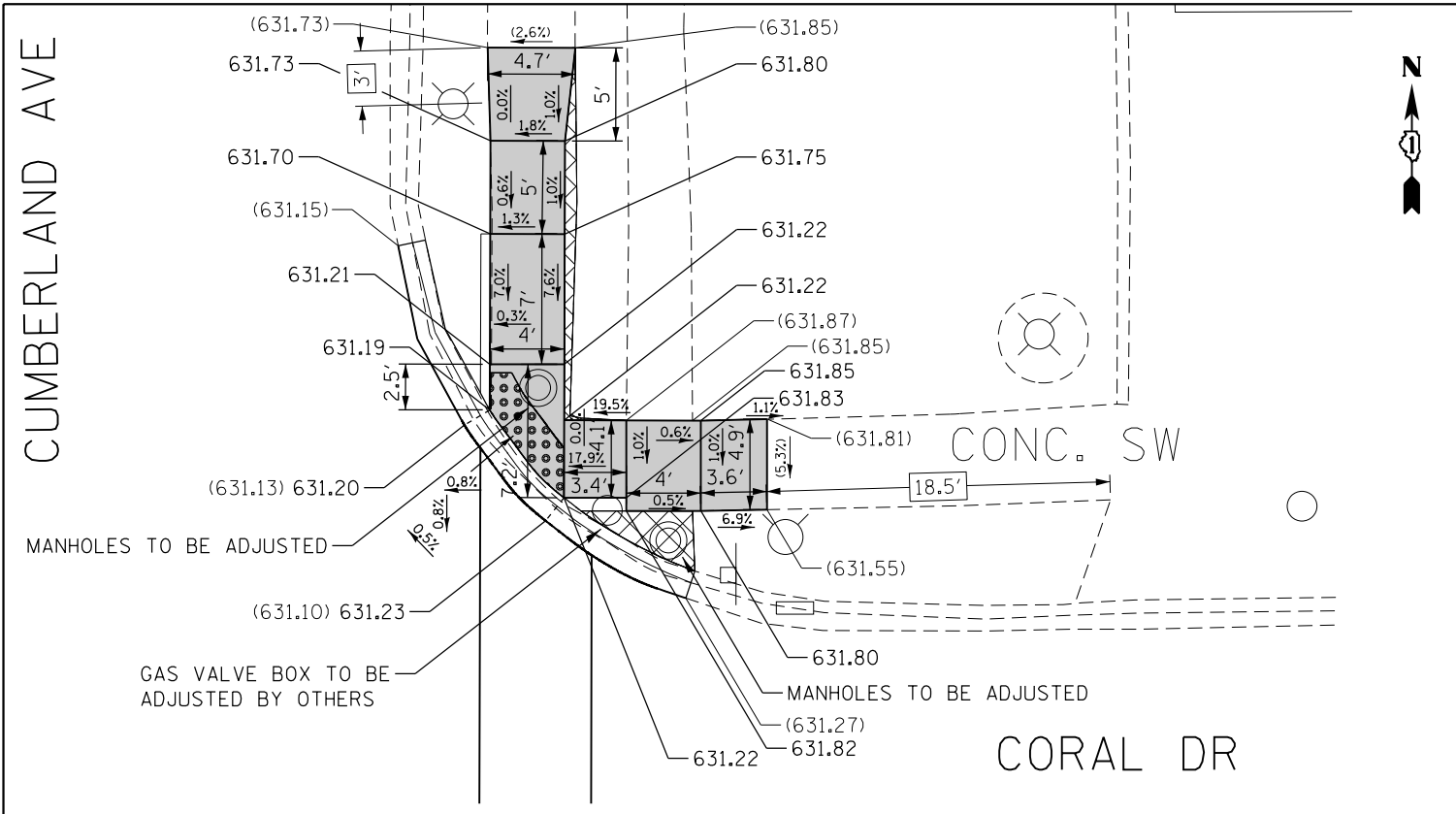
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAIL PLAN
 IL 171 (I-90 (KENNEDY EXPWY.) TO FOREST PRESERVE DR.)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	3056B-R5-2	COOK	73	23
CONTRACT NO. 62D65				
ILLINOIS FED. AID PROJECT				



REFERENCE BENCHMARK ELEV 631.53
 BENCHMARK : SQUARE CUT ON THE WEST SIDE OF CONCRETE BASE
 LOCATION : LIGHT POLE AT NORTHEAST CORNER OF CORAL DR.
 AND CUMBERLAND AVE.

LEGEND

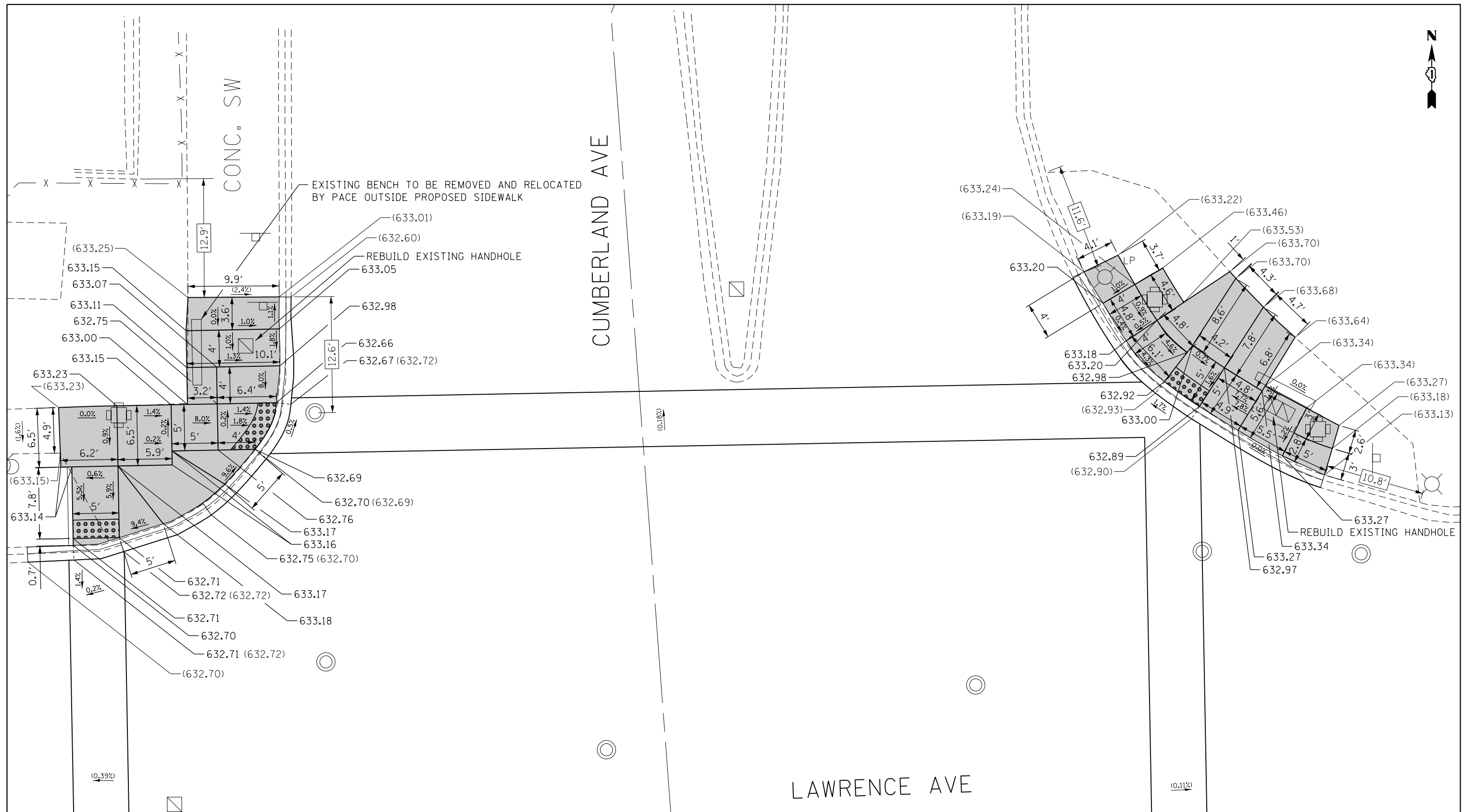
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	PROPOSED SIDE CURB		DETECTABLE WARNINGS
	EXISTING ELEVATION/SLOPE		SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV 633.74
 BENCHMARK : CROSS ON NORTHWEST BOLT OF LIGHT POLE
 LOCATION : LIGHT POLE AT SOUTHWEST CORNER OF LELAND AVE.
 AND CUMBERLAND AVE.

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Default	PLOT DATE = 5/8/2018	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SIDEWALK DETAIL PLAN		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IL 171 (I-90 (KENNEDY EXPWY.) TO FOREST PRESERVE DR.)		372	3056B-R5-2	COOK	73	24
SCALE: SHEET OF SHEETS STA. TO STA.		CONTRACT NO. 62D65				
ILLINOIS FED. AID PROJECT						



REFERENCE BENCHMARK ELEV 633.84
 BENCHMARK : SQUARE ON NORTHEAST CORNER OF CONCRETE BASE
 LOCATION : TRAFFIC CONTROL BOX AT SOUTHEAST CORNER OF LAWRENCE AVE. AND CUMBERLAND AVE.

LEGEND

- xx.xx' EXISTING LENGTH
- PROPOSED SIDE CURB
- () EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV 633.84
 BENCHMARK : SQUARE ON NORTHEAST CORNER OF CONCRETE BASE
 LOCATION : TRAFFIC CONTROL BOX AT SOUTHEAST CORNER OF LAWRENCE AVE. AND CUMBERLAND AVE.

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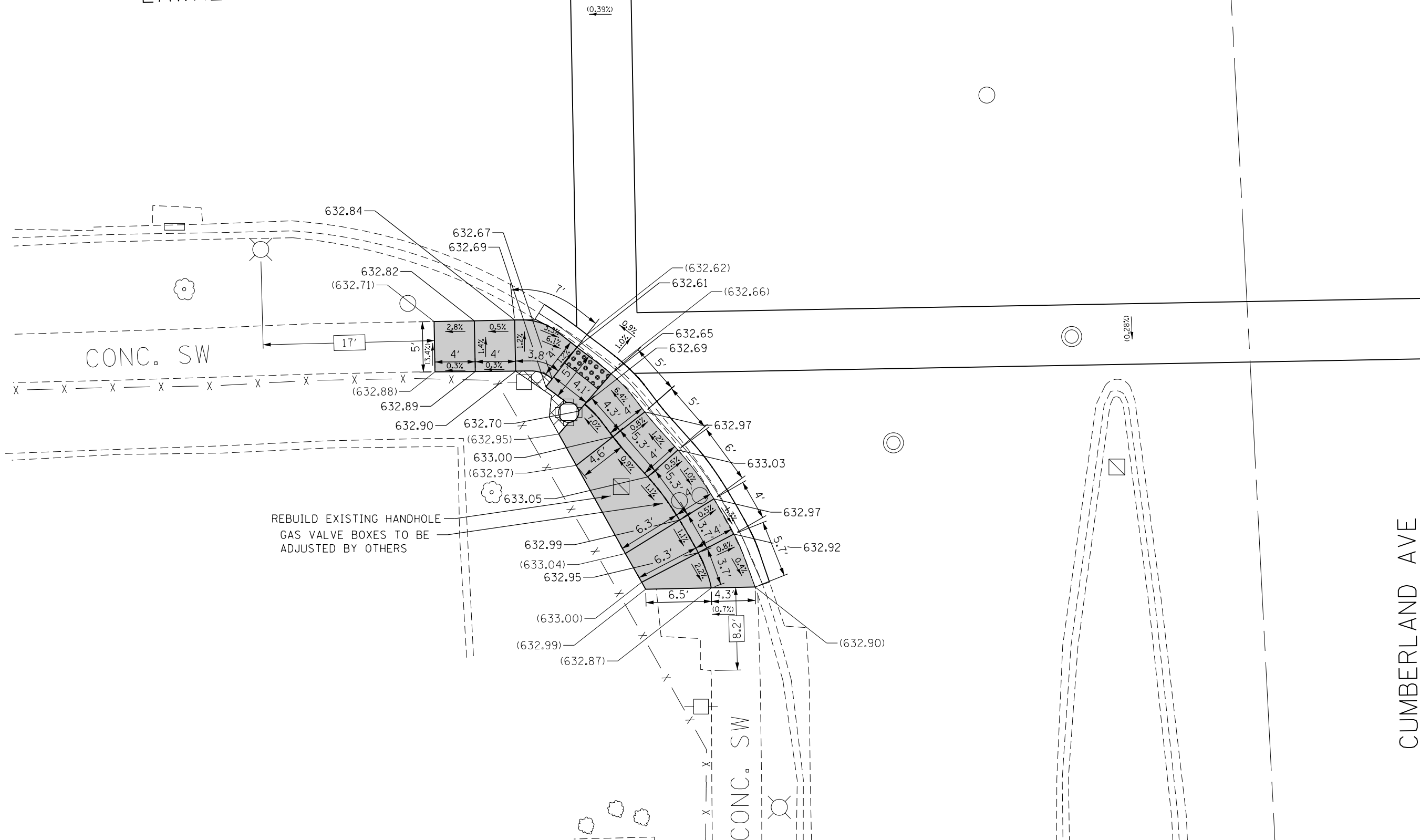
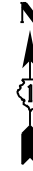
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAIL PLAN
IL 171 (I-90 (KENNEDY EXPWY.) TO FOREST PRESERVE DR.)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	3056B-R5-2	COOK	73	25
CONTRACT NO. 62D65				
ILLINOIS FED. AID PROJECT				

LAWRENCE AVE



REFERENCE BENCHMARK ELEV 633.84
 BENCHMARK : SQUARE ON NORTHEAST CORNER OF CONCRETE BASE
 LOCATION : TRAFFIC CONTROL BOX AT SOUTHEAST CORNER OF LAWRENCE AVE. AND CUMBERLAND AVE.

LEGEND

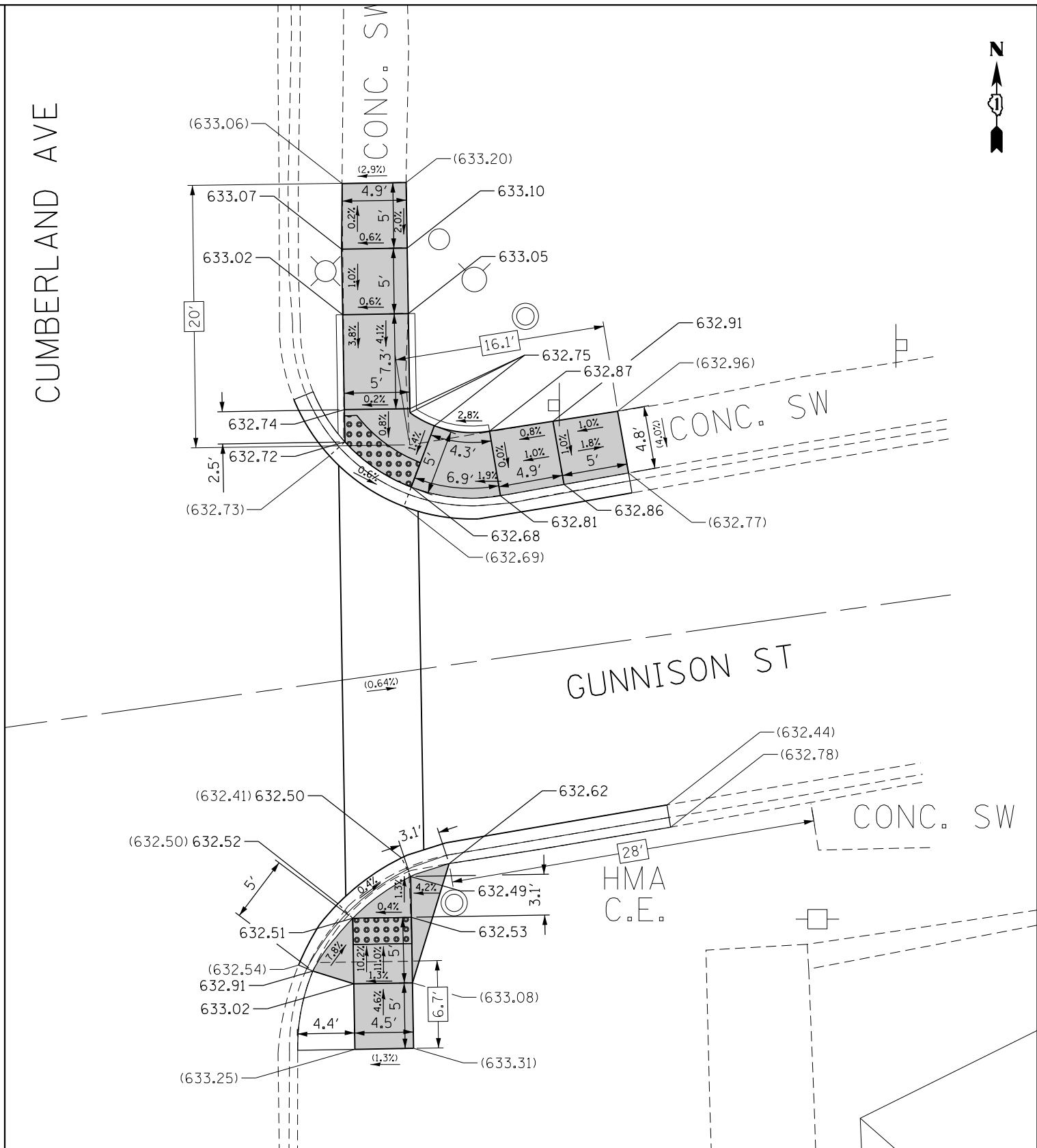
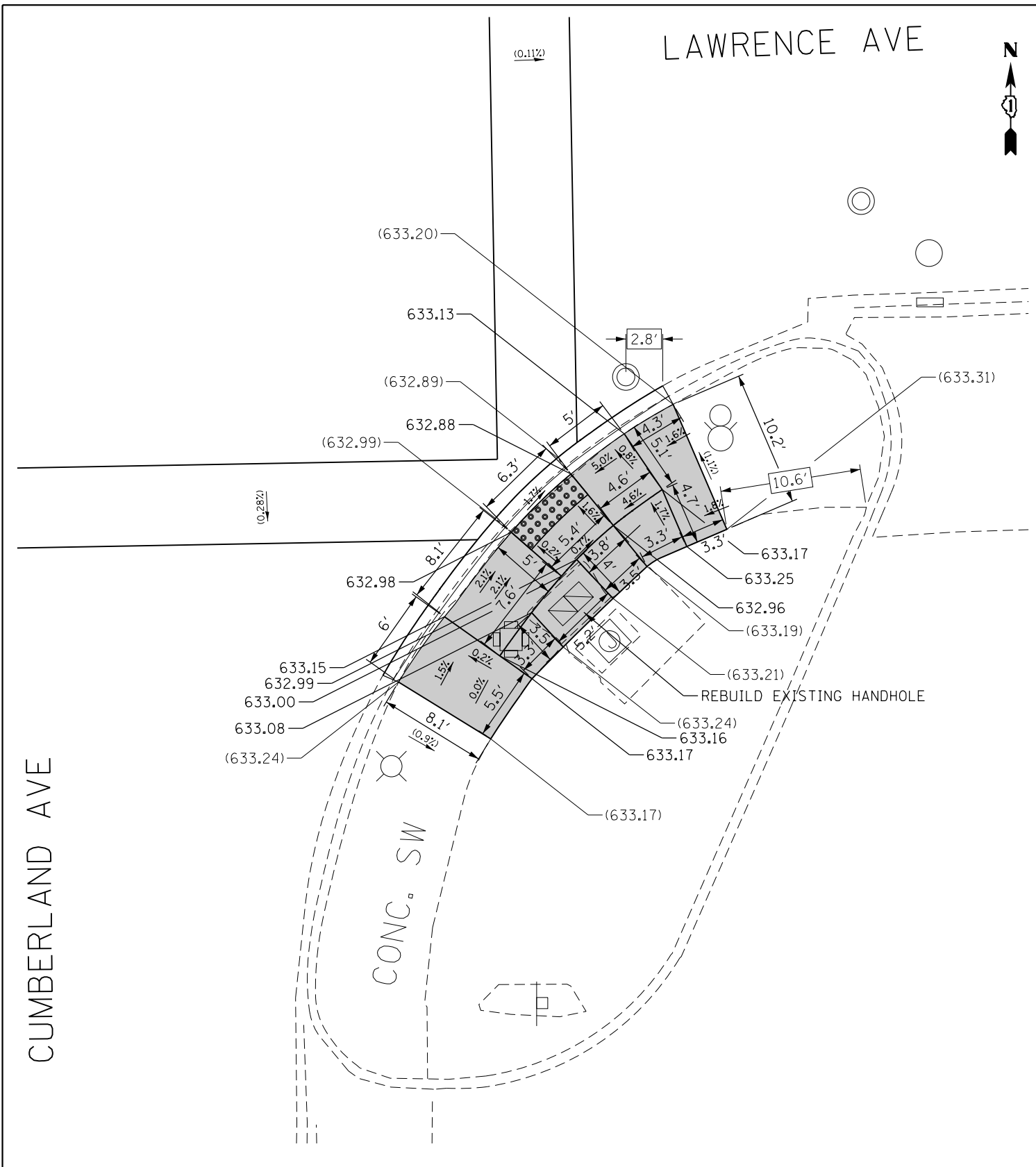
- xx.xx' EXISTING LENGTH
- PROPOSED SIDE CURB
- () EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV 633.84
 BENCHMARK : SQUARE ON NORTHEAST CORNER OF CONCRETE BASE
 LOCATION : TRAFFIC CONTROL BOX AT SOUTHEAST CORNER OF LAWRENCE AVE. AND CUMBERLAND AVE.

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Default	PLOT DATE = 5/8/2018	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SIDEWALK DETAIL PLAN		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
IL 171 (I-90 (KENNEDY EXPWY.) TO FOREST PRESERVE DR.)		372	3056B-R5-2	COOK	73	26
CONTRACT NO. 62D65						
SCALE: SHEET OF SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT				



REFERENCE BENCHMARK ELEV 633.84
 BENCHMARK : SQUARE ON NORTHEAST CORNER OF CONCRETE BASE
 LOCATION : TRAFFIC CONTROL BOX AT SOUTHEAST CORNER OF LAWRENCE AVE. AND CUMBERLAND AVE.

LEGEND

xx.xx'

EXISTING LENGTH

==

PROPOSED SIDE CURB

()

EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL
 REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV 634.71
 BENCHMARK : SQUARE ON NORTH SIDE OF BUILDING CONCRETE FOUNDATION
 LOCATION : APPROX. 2' SOUTH OF NORTHWEST CORNER OF BUILDING AT SOUTHEAST CORNER OF GUNNISON ST. AND CUMBERLAND AVE.

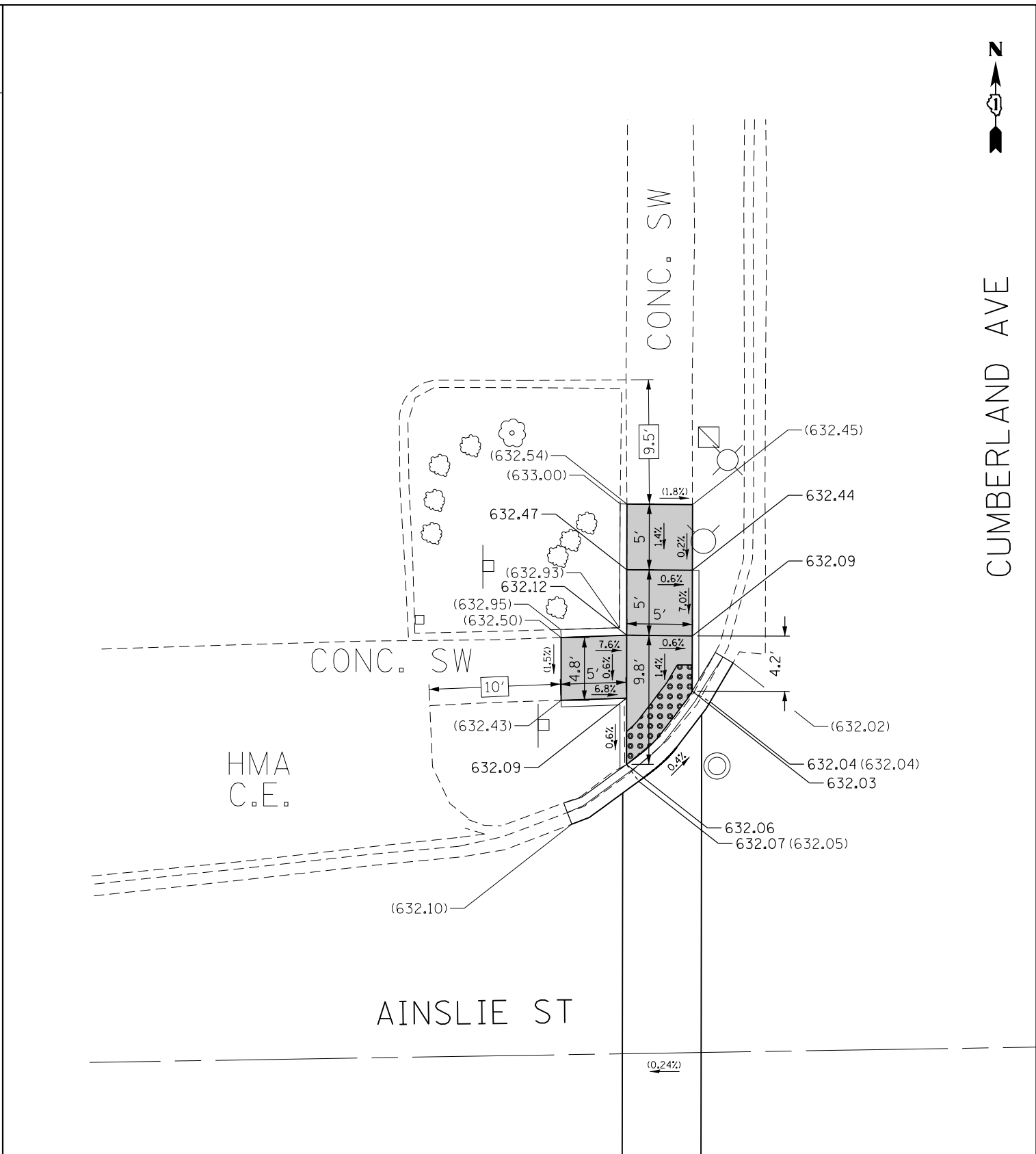
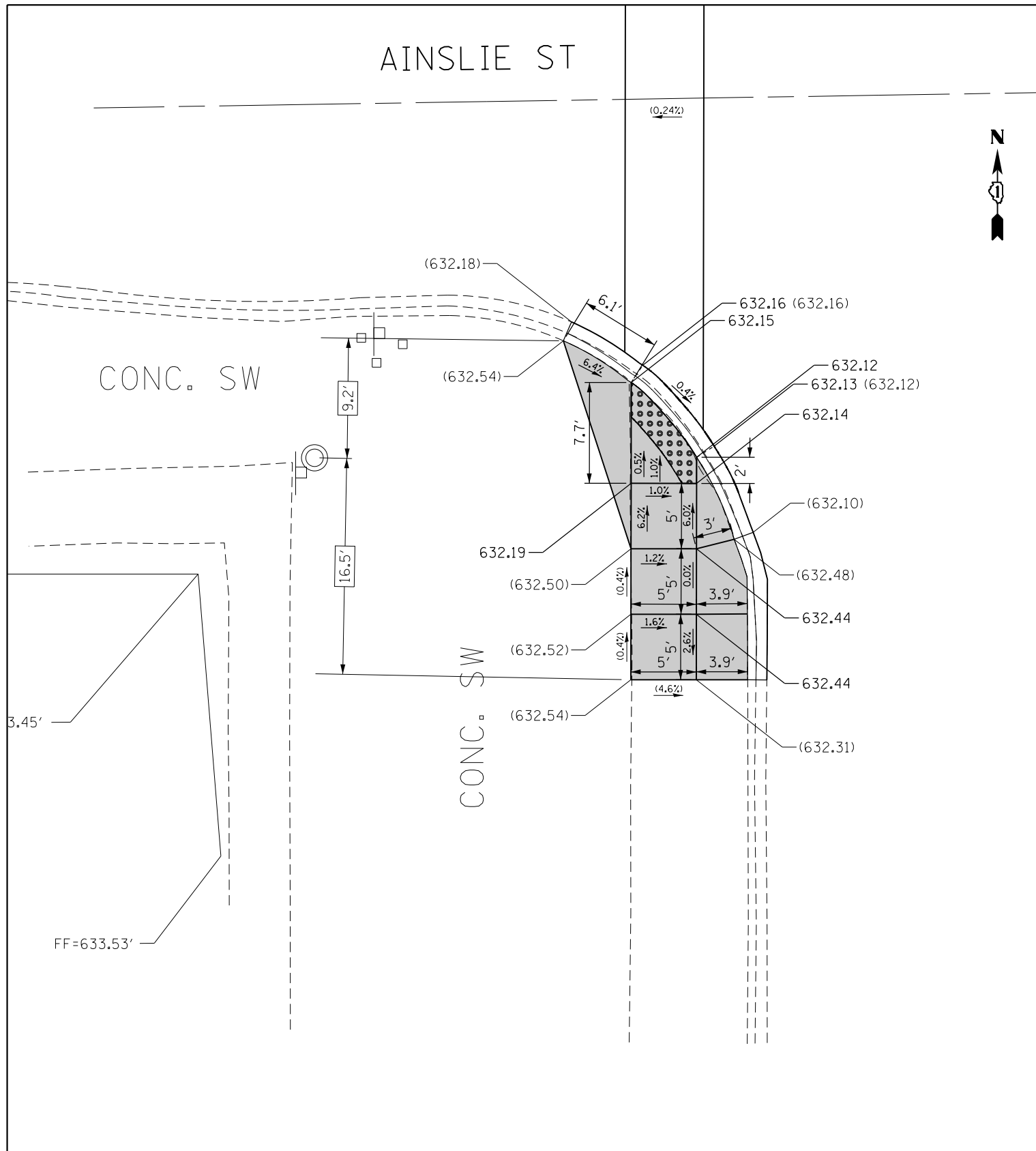
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	PLOT DATE = 5/8/2018	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAIL PLAN
 IL 171 (I-90 (KENNEDY EXPWY.) TO FOREST PRESERVE DR.)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	3056B-R5-2	COOK	73	27
CONTRACT NO. 62D65				
ILLINOIS FED. AID PROJECT				

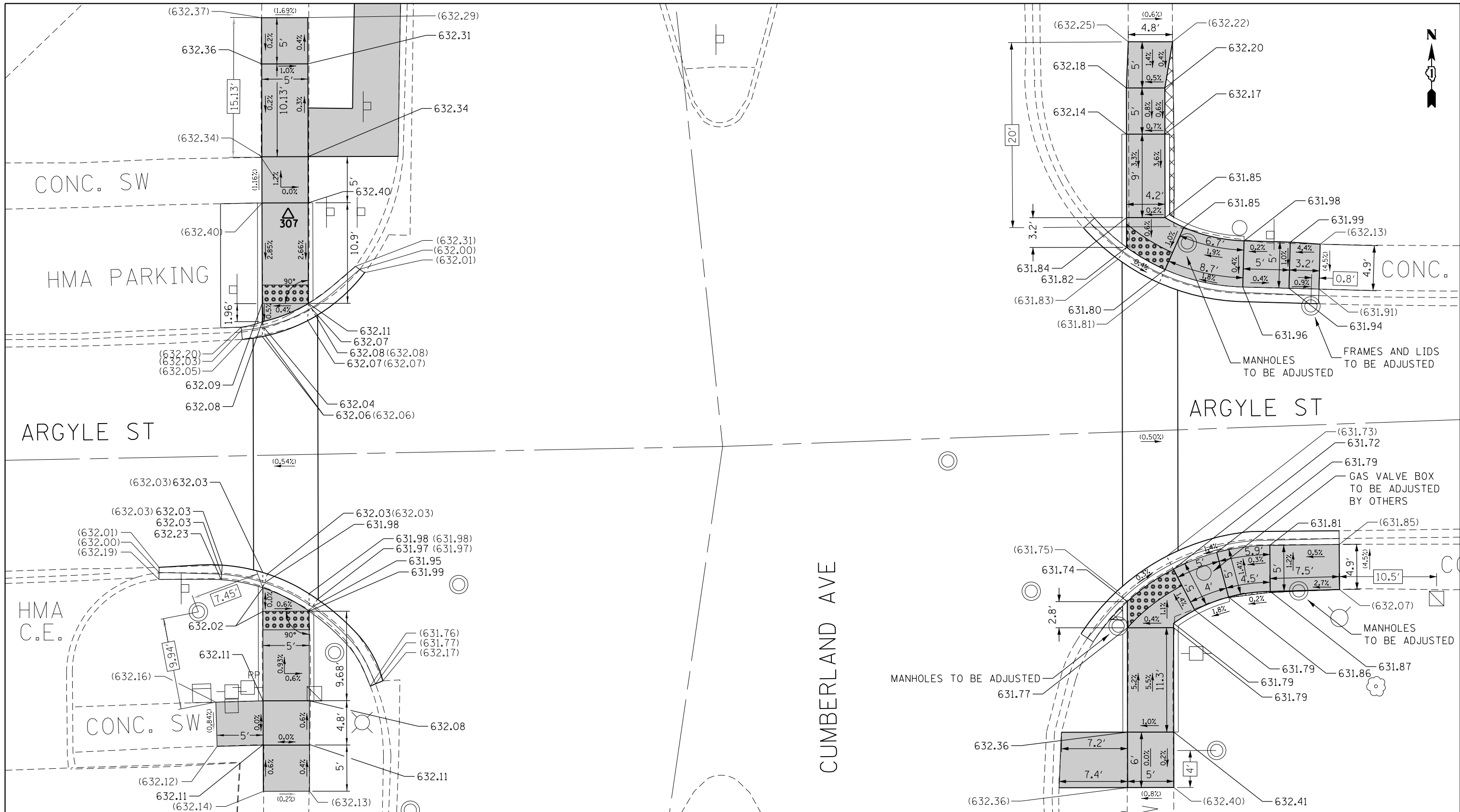


REFERENCE BENCHMARK ELEV 633.97
 BENCHMARK : SQUARE ON SOUTHEAST CORNER OF CONCRETE BASE
 LOCATION : LIGHT POLE FOUNDATION 85' NORTH OF AINSLIE ST. (IN PARKING LOT) AT NORTHWEST CORNER OF AINSLIE ST. AND CUMBERLAND AVE.

LEGEND

xx.xx'	EXISTING LENGTH		PROPOSED SIDEWALK
	PROPOSED SIDE CURB		DETECTABLE WARNINGS
()	EXISTING ELEVATION/SLOPE		SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV 633.97
 BENCHMARK : SQUARE ON SOUTHEAST CORNER OF CONCRETE BASE
 LOCATION : LIGHT POLE FOUNDATION 85' NORTH OF AINSLIE ST. (IN PARKING LOT) AT NORTHWEST CORNER OF AINSLIE ST. AND CUMBERLAND AVE.



REFERENCE BENCHMARK ELEV 632.32
 BENCHMARK : SQUARE ON WEST SIDE OF CONCRETE BASE
 LOCATION : LIGHT POLE FOUNDATION AT SOUTHWEST CORNER OF ARGYLE ST. AND CUMBERLAND AVE.

LEGEND

xx.xx'

EXISTING LENGTH

==

PROPOSED SIDE CURB

()

EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL
 REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV 632.32
 BENCHMARK : SQUARE ON WEST SIDE OF CONCRETE BASE
 LOCATION : LIGHT POLE FOUNDATION AT SOUTHWEST CORNER OF ARGYLE ST. AND CUMBERLAND AVE.

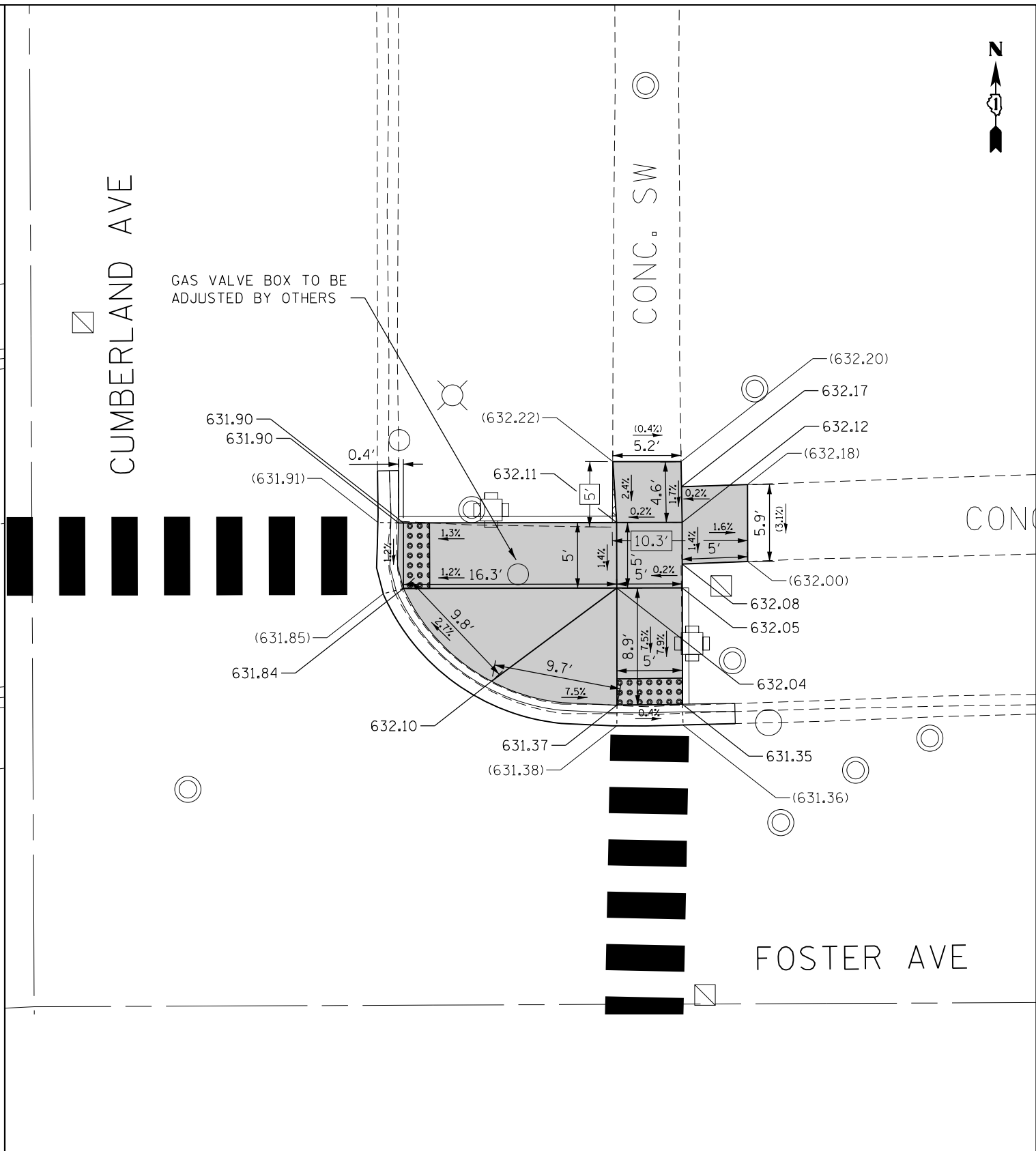
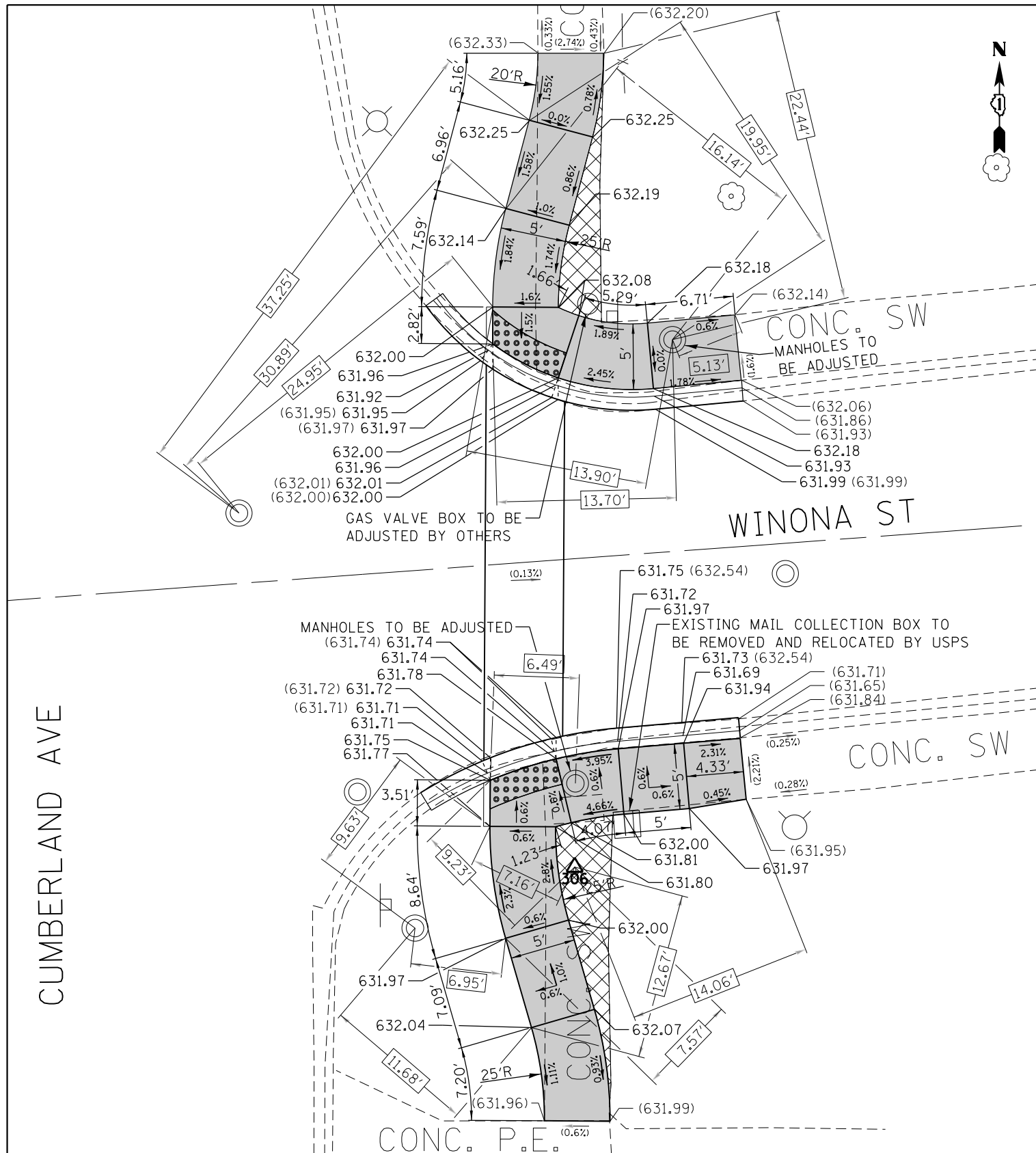
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	PLOT DATE = 5/8/2018	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAIL PLAN
 IL 171 (I-90 (KENNEDY EXPWY.) TO FOREST PRESERVE DR.)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	3056B-R5-2	COOK	73	29
CONTRACT NO. 62D65				
ILLINOIS FED. AID PROJECT				



REFERENCE BENCHMARK ELEV 632.09
 BENCHMARK : SQUARE ON EAST SIDE OF CONCRETE BASE
 LOCATION : LIGHT POLE FOUNDATION AT NORTHEAST CORNER OF WINONA ST. AND CUMBERLAND AVE.

LEGEND

- xx.xx' EXISTING LENGTH
- ===== PROPOSED SIDE CURB
- () EXISTING ELEVATION/SLOPE
- [Grey Box] PROPOSED SIDEWALK
- [Grid Box] DETECTABLE WARNINGS
- [Cross-hatch Box] SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV 632.69
 BENCHMARK : SQUARE ON WEST SIDE OF MAST ARM POLE FOUNDATION
 LOCATION : MAST ARM POLE FOUNDATION AT SOUTHEAST CORNER OF FOSTER AVE. AND CUMBERLAND AVE.

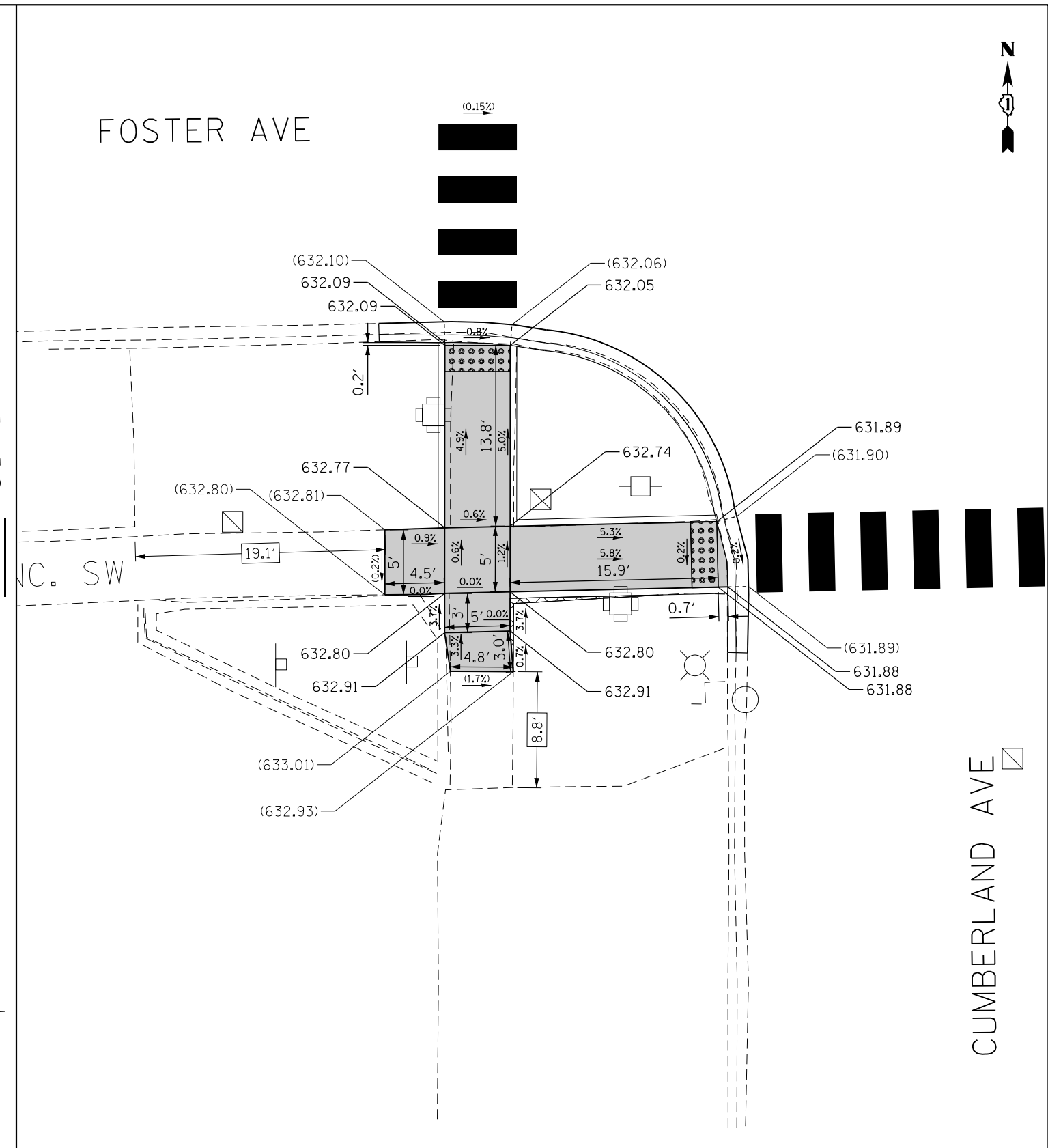
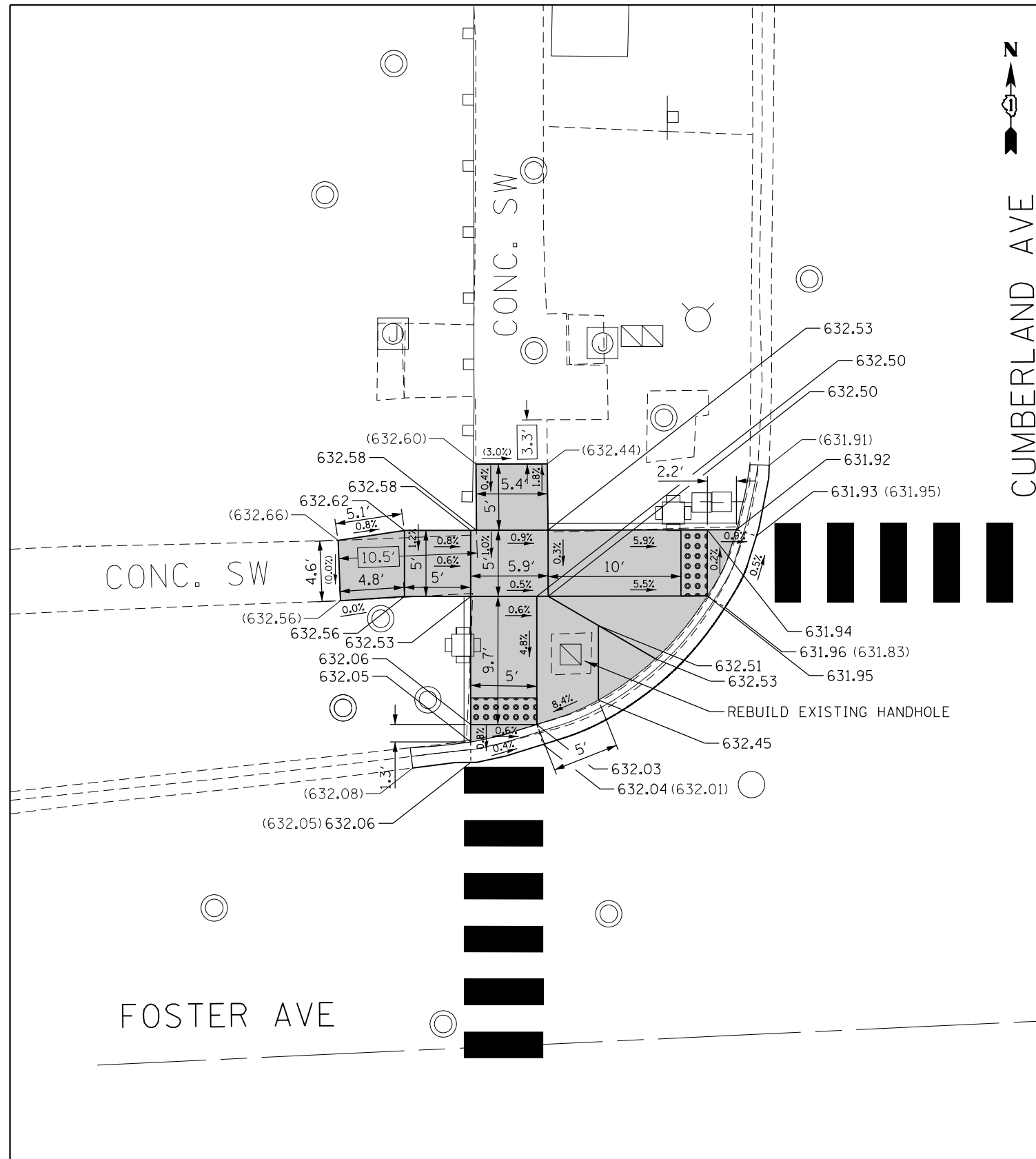
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	PLOT DATE = 5/8/2018	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAIL PLAN
 IL 171 (I-90 (KENNEDY EXPWY.) TO FOREST PRESERVE DR.)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	3056B-R5-2	COOK	73	30
CONTRACT NO. 62D65				
ILLINOIS FED. AID PROJECT				



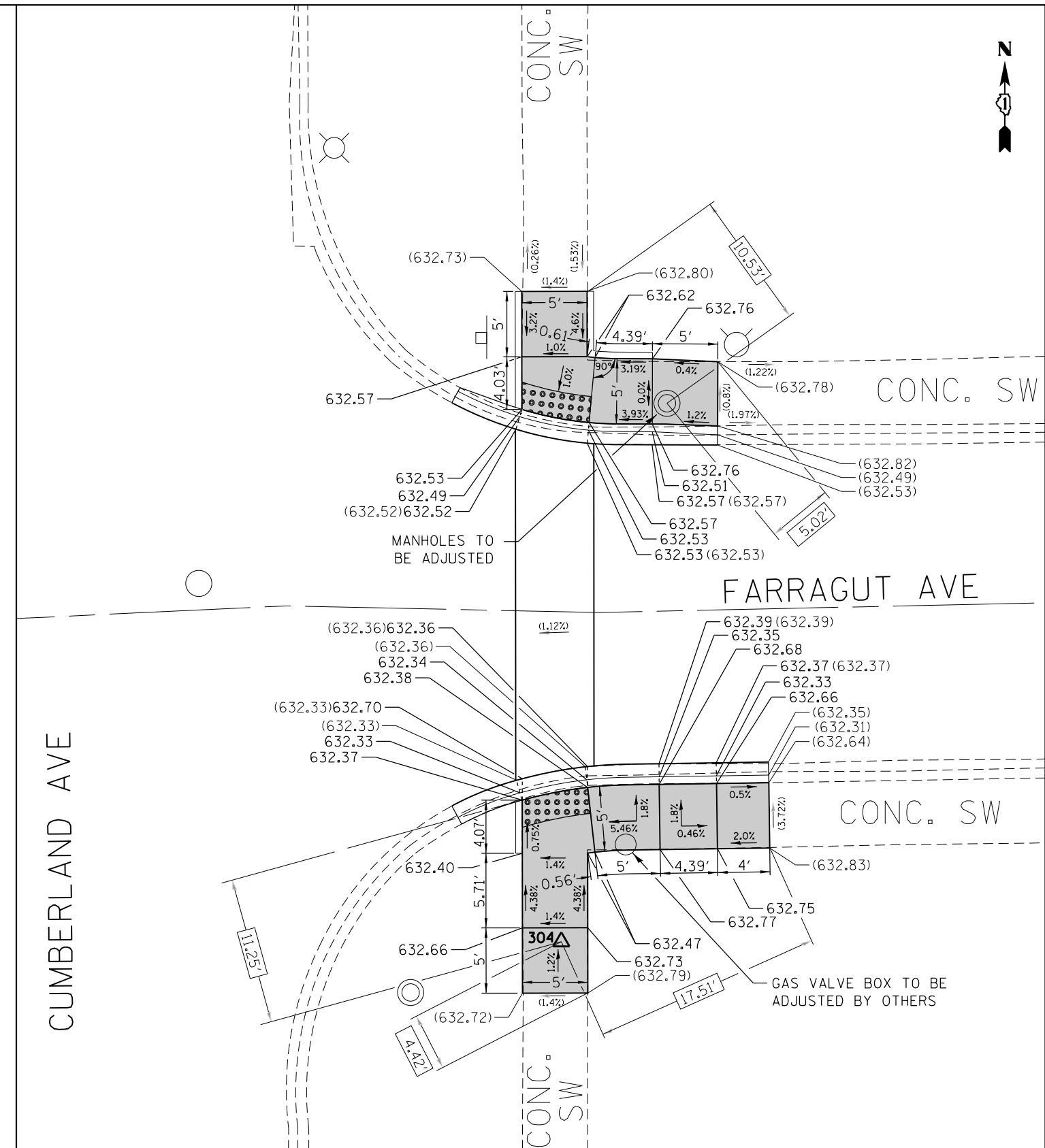
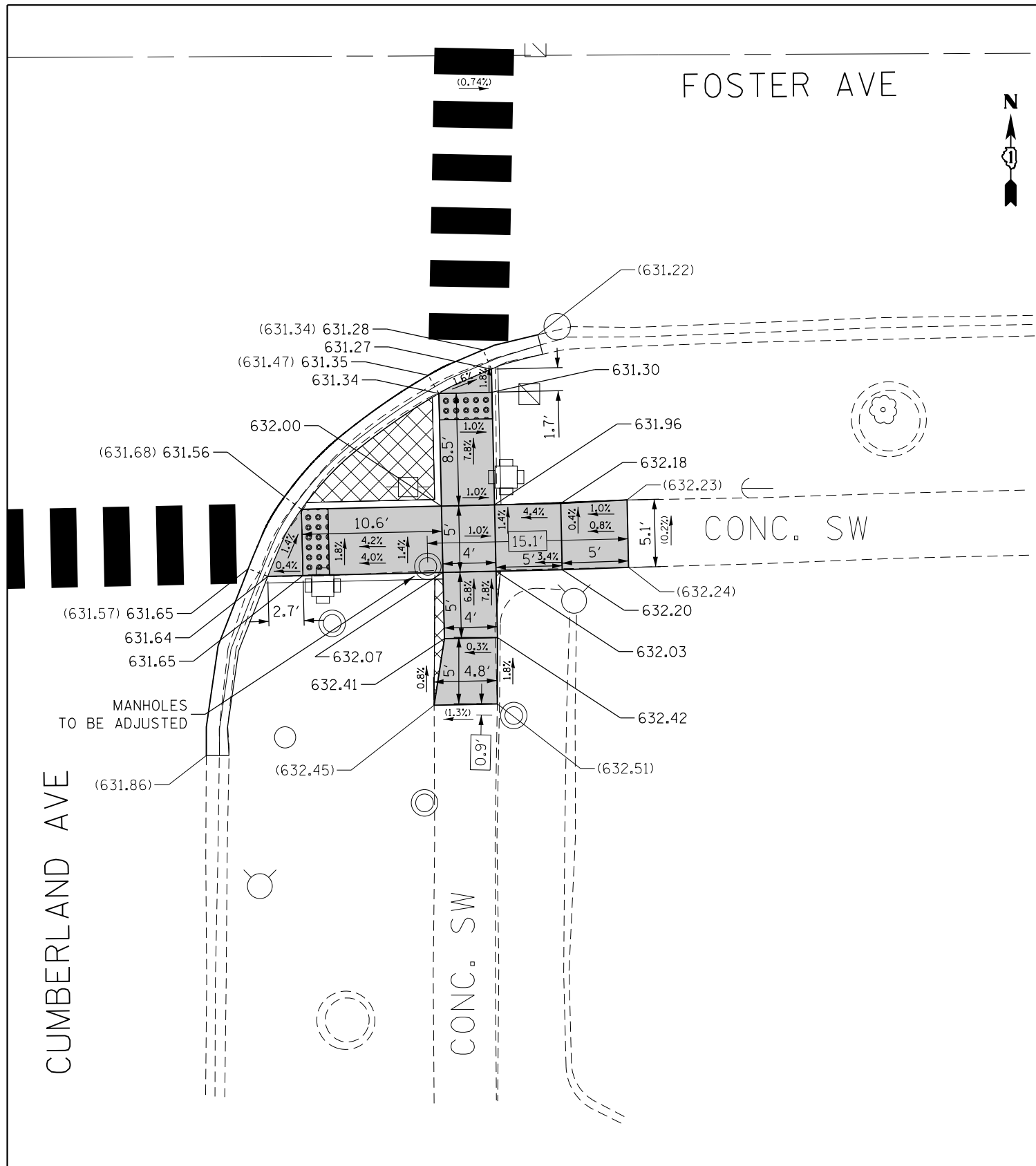
REFERENCE BENCHMARK ELEV 632.69
 BENCHMARK : SQUARE ON WEST SIDE OF MAST ARM POLE FOUNDATION
 LOCATION : MAST ARM POLE FOUNDATION AT SOUTHEAST CORNER OF FOSTER AVE. AND CUMBERLAND AVE.

LEGEND

- xx.xx' EXISTING LENGTH
- PROPOSED SIDE CURB
- () EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV 632.69
 BENCHMARK : SQUARE ON WEST SIDE OF MAST ARM POLE FOUNDATION
 LOCATION : MAST ARM POLE FOUNDATION AT SOUTHEAST CORNER OF FOSTER AVE. AND CUMBERLAND AVE.

FILE NAME =	USER NAME = toriafm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIDEWALK DETAIL PLAN IL 171 (I-90 (KENNEDY EXPWY.) TO FOREST PRESERVE DR.)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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PLOT SCALE = 10.0000' / in.						CHECKED -	CONTRACT NO. 62D65				
Default				PLOT DATE = 5/9/2018		DATE -		ILLINOIS FED. AID PROJECT			

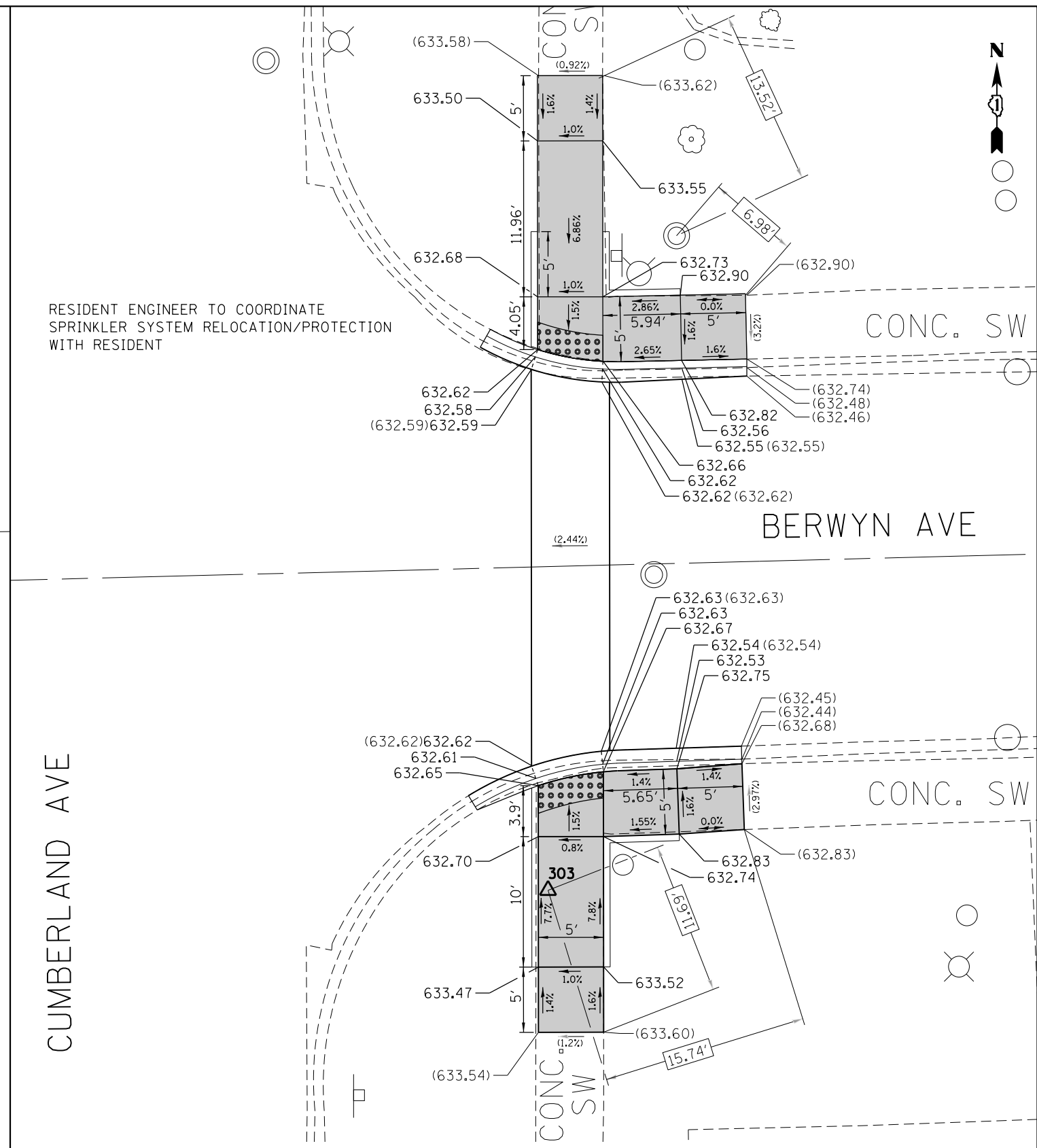
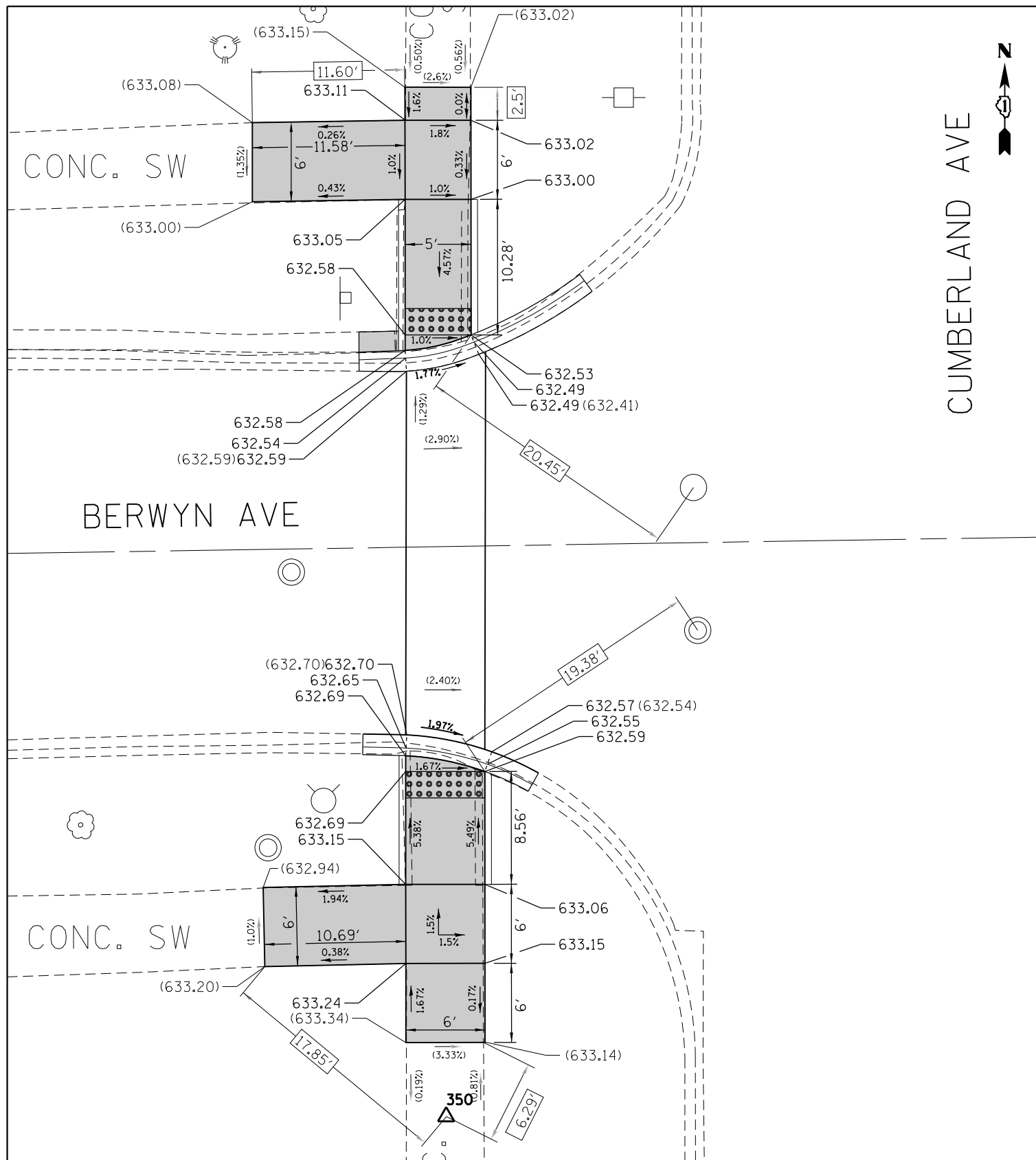


REFERENCE BENCHMARK ELEV 632.69
 BENCHMARK : SQUARE ON WEST SIDE OF MAST ARM POLE FOUNDATION
 LOCATION : MAST ARM POLE FOUNDATION AT SOUTHEAST CORNER OF FOSTER AVE. AND CUMBERLAND AVE.

LEGEND

xx.xx'	EXISTING LENGTH	[Grey Box]	PROPOSED SIDEWALK
=====	PROPOSED SIDE CURB	[Grid Box]	DETECTABLE WARNINGS
()	EXISTING ELEVATION/SLOPE	[Cross-hatch Box]	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV 634.85
 BENCHMARK : CROSS ON SOUTHWEST BOLT OF LIGHT POLE
 LOCATION : FIRST LIGHT POLE SOUTH OF BERWYN AVE., APPROX. 2' WEST OF BACK OF CURB OF CUMBERLAND AVE., APPROX. 15' NORTH OF UTILITY POLE, AT SOUTHWEST CORNER OF BERWYN AVE. AND CUMBERLAND AVE.



RESIDENT ENGINEER TO COORDINATE
SPRINKLER SYSTEM RELOCATION/PROTECTION
WITH RESIDENT

REFERENCE BENCHMARK ELEV 634.85
BENCHMARK : CROSS ON SOUTHWEST BOLT OF LIGHT POLE
LOCATION : FIRST LIGHT POLE SOUTH OF BERWYN AVE.,
APPROX. 2' WEST OF BACK OF CURB OF CUMBERLAND AVE.,
APPROX. 15' NORTH OF UTILITY POLE, AT SOUTHWEST
CORNER OF BERWYN AVE. AND CUMBERLAND AVE.

REFERENCE BENCHMARK ELEV 634.73
BENCHMARK : CROSS ON SOUTHEAST BOLT OF LIGHT POLE
LOCATION : FIRST LIGHT POLE SOUTH OF BERWYN AVE.,
APPROX. 2' EAST OF BACK OF CURB OF CUMBERLAND AVE.,
APPROX. 30' SOUTH OF BUS STOP SIGN

LEGEND

- xx.xx' EXISTING LENGTH
- PROPOSED SIDE CURB
- EXISTING ELEVATION/SLOPE
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

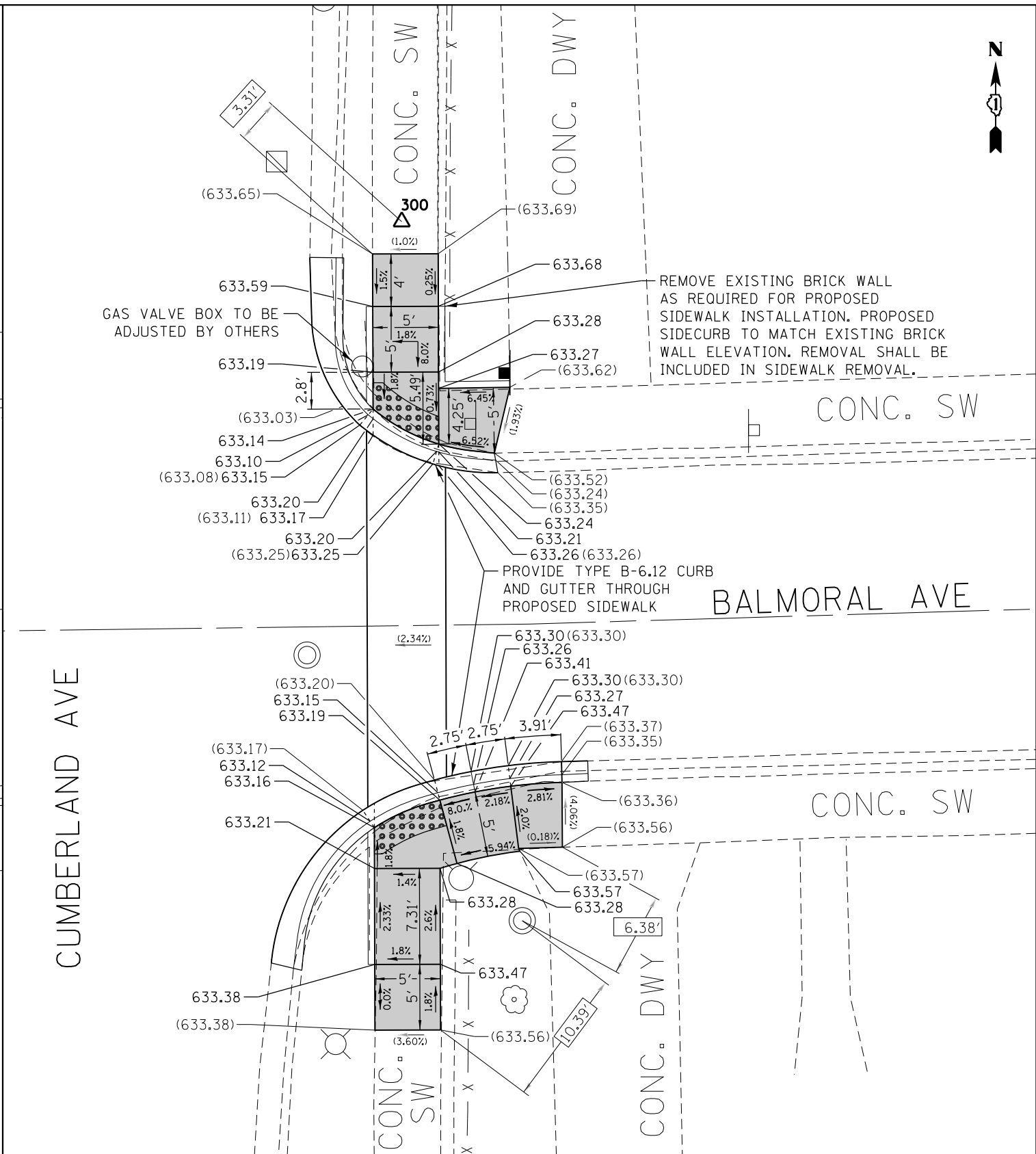
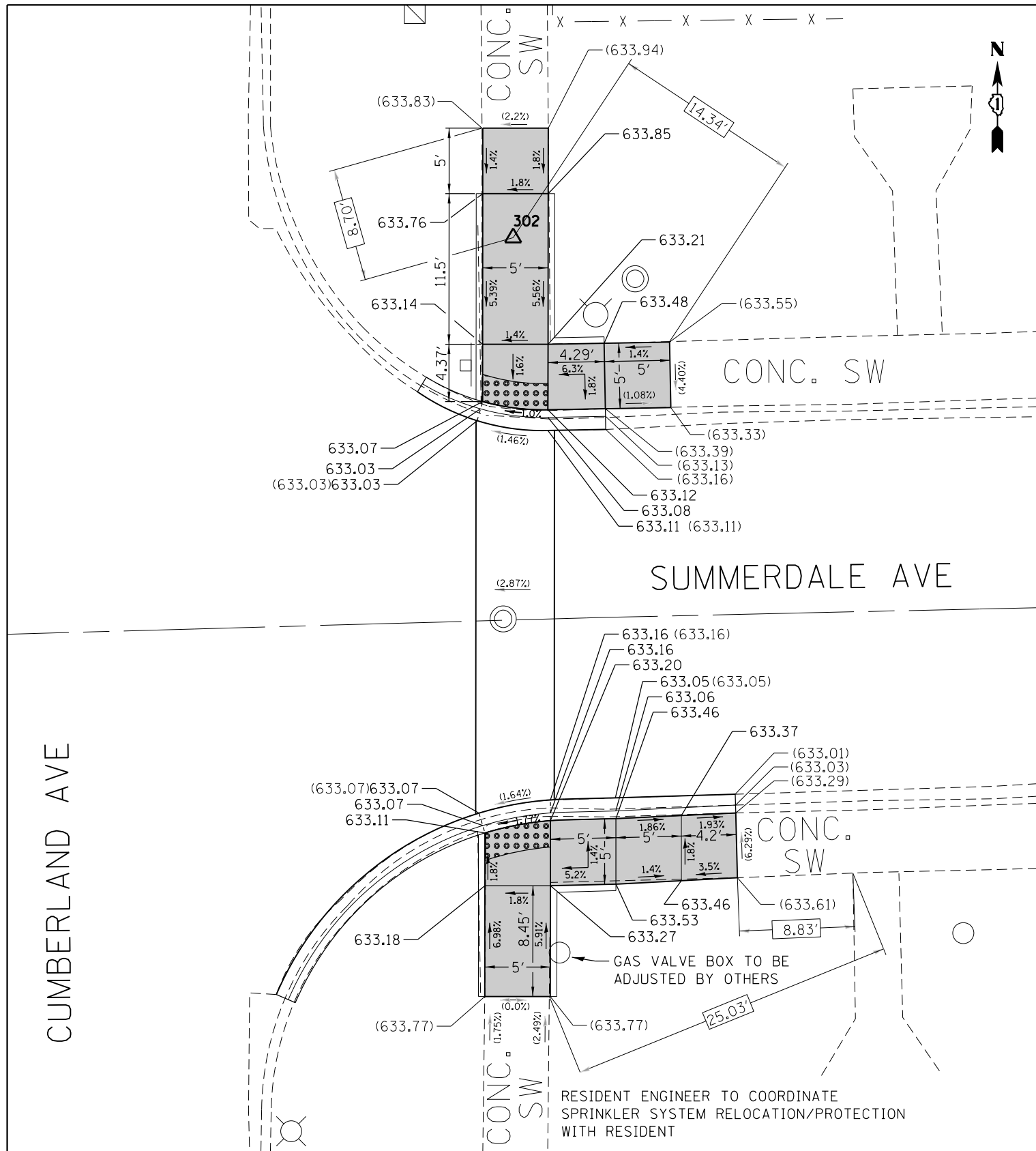
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	PLOT DATE = 5/8/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK DETAIL PLAN
IL 171 (I-90 (KENNEDY EXPWY.) TO FOREST PRESERVE DR.)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	3056B-R5-2	COOK	73	33
CONTRACT NO. 62D65				
ILLINOIS FED. AID PROJECT				



REFERENCE BENCHMARK ELEV 635.42
 BENCHMARK : CROSS ON SOUTHEAST BOLT OF LIGHT POLE
 LOCATION : FIRST LIGHT POLE NORTH OF SUMMERDALE AVE., APPROX. 2' EAST OF BACK OF CURB OF CUMBERLAND AVE., APPROX. 30' SOUTH OF YIELD TO FIRE TRUCK SIGN, APPROX. 20' WEST OF SIDEWALK

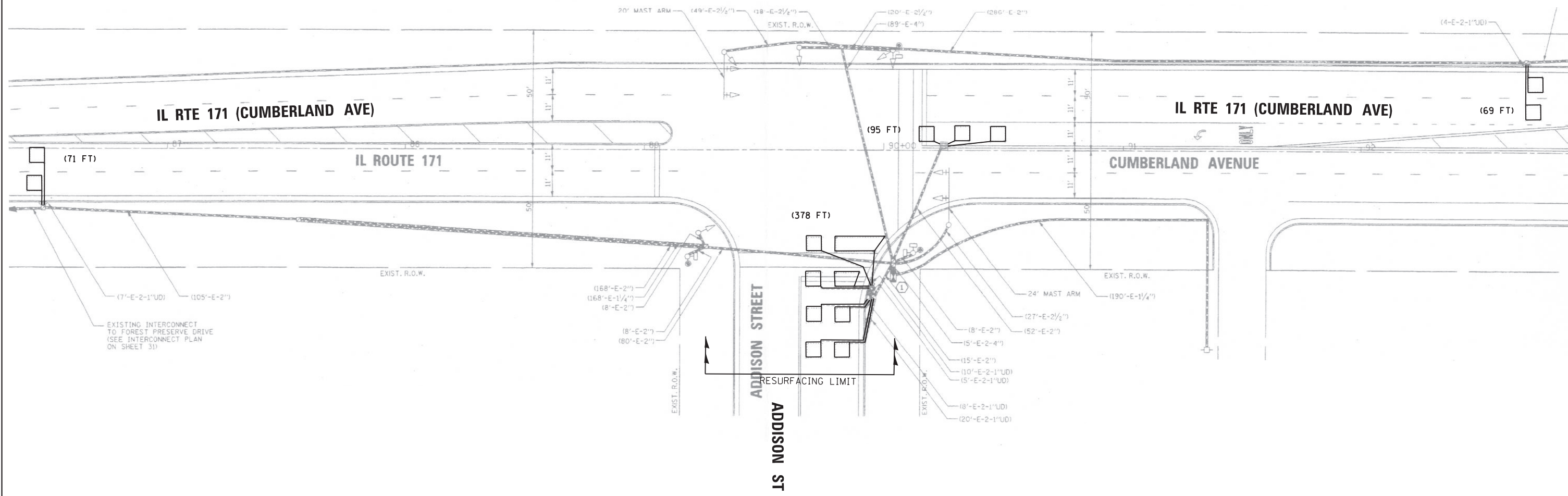
LEGEND

- xx.xx' EXISTING LENGTH
- ===== PROPOSED SIDE CURB
- () EXISTING ELEVATION/SLOPE
- [Solid Grey Box] PROPOSED SIDEWALK
- [Grid Pattern Box] DETECTABLE WARNINGS
- [Cross-hatch Box] SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV 634.50
 BENCHMARK : SQUARE ON SOUTH SIDE OF LIGHT POLE BASE
 LOCATION : LIGHT POLE, APPROX. 50' NORTH OF BACK OF CURB OF CUMBERLAND AVE., APPROX. 5' EAST OF BACK OF CURB OF CUMBERLAND AVE.

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	613	FOOT

FILE NAME =	USER NAME = SNOWBA	DESIGNED - BAS	REVISED -
TS 4115 - IL RTE 171 AT ADDISON ST.07172017.dgn		DRAWN - BAS	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED - LP	REVISED -
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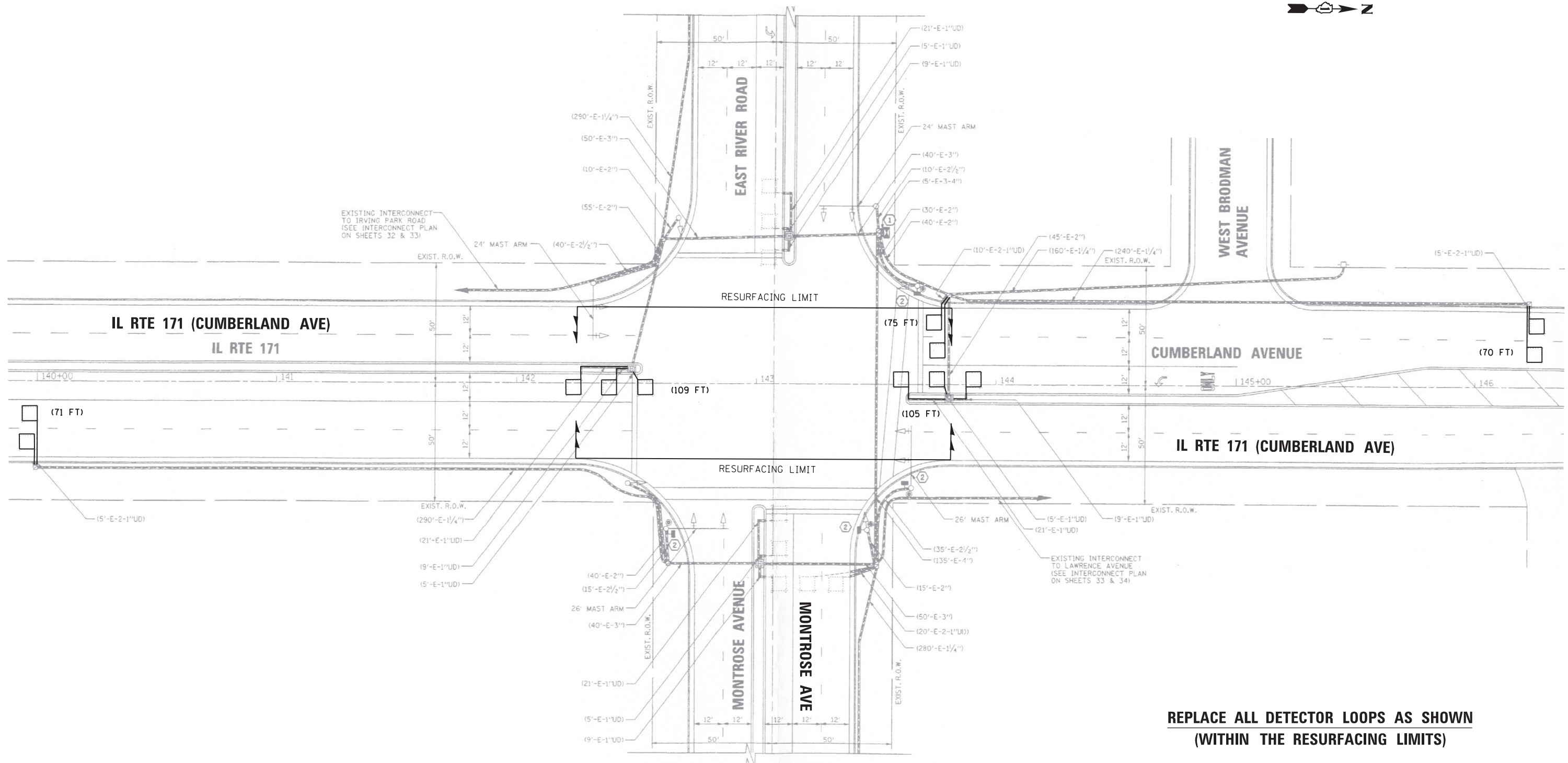
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETECTOR LOOP REPLACEMENT PLAN			
IL RTE 171 (CUMBERLAND AVE) AT ADDISON ST			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	3056B-R5-2	COOK	73	35
CONTRACT NO. 62D65				
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.



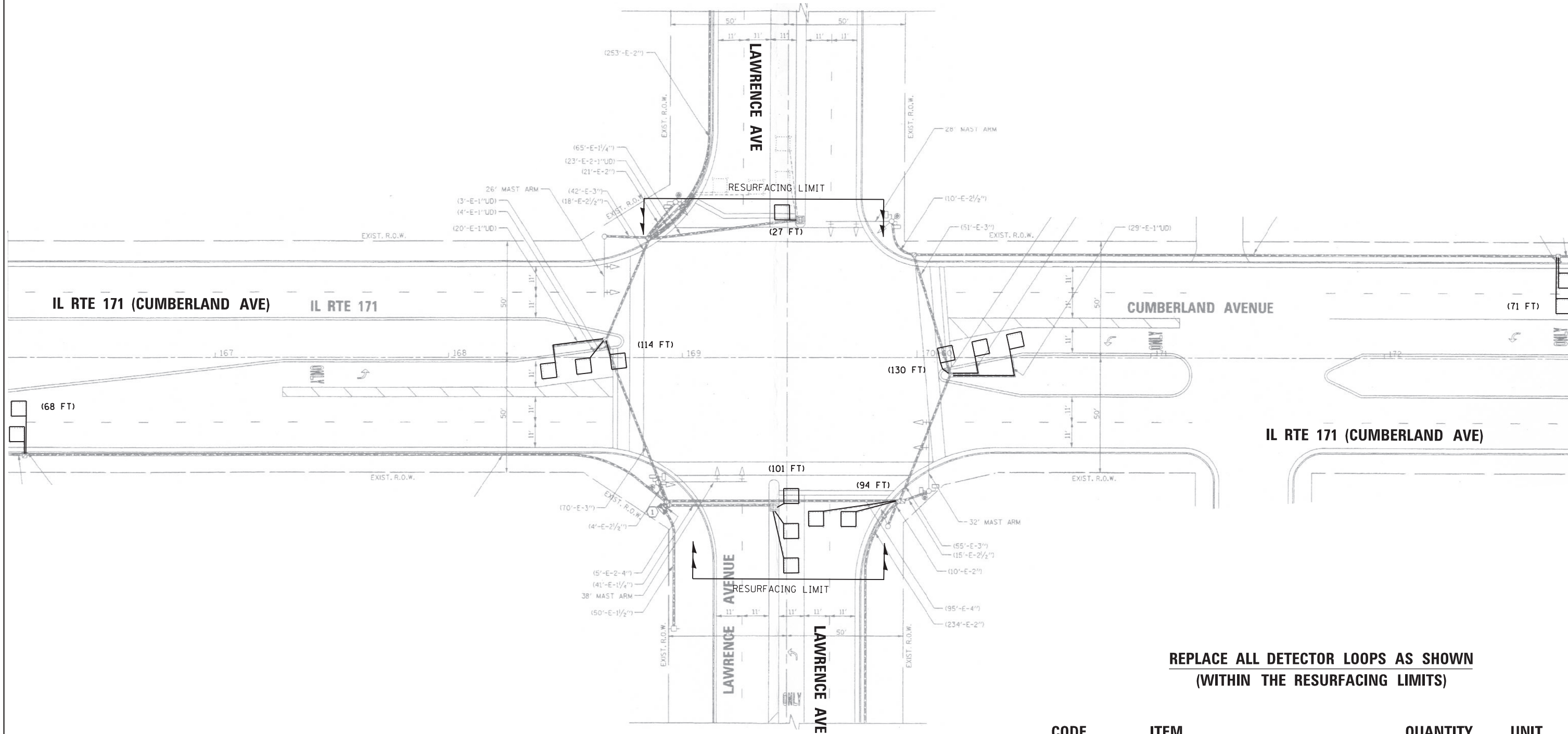
**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	430	FOOT

FILE NAME = TS 4970 - IL RTE 171 AT MONTROSE AVE.07172017.dgn	USER NAME = SNOWBA	DESIGNED - BAS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN IL RTE 171 (CUMBERLAND AVE) AT MONTROSE AVE	F.A.P. RTE. 372	SECTION 3056B-R5-2	COUNTY COOK	TOTAL SHEETS 73	SHEET NO. 37	
Default	PLOT SCALE = 40.0000' / in.	CHECKED - LP	REVISED -			SCALE:	SHEET OF SHEETS STA. TO STA.	CONTRACT NO. 62D65			
	PLOT DATE = 7/17/2017	DATE - 07/17/2017	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	605	FOOT

FILE NAME =	USER NAME = SNOWBA	DESIGNED - BAS	REVISED -
TS 4965 - IL RTE 171 AT LAWRENCE AVE.07172017.dgn		DRAWN - BAS	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED - LP	REVISED -
	PLOT DATE = 7/17/2017	DATE - 07/17/2017	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

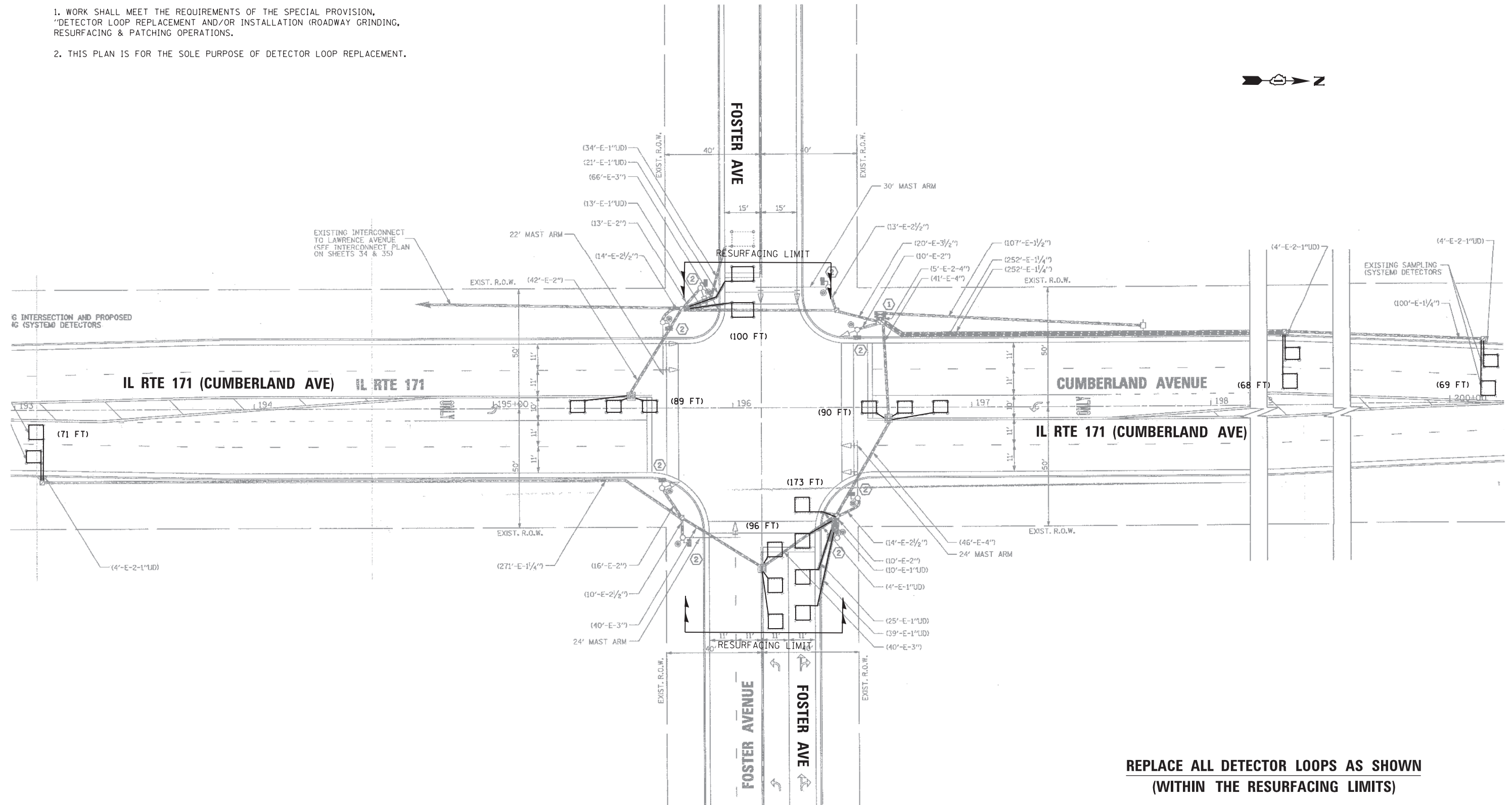
**DETECTOR LOOP REPLACEMENT PLAN
IL RTE 171 (CUMBERLAND AVE) AT LAWRENCE AVE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
372	3056B-R5-2	COOK	73	38
CONTRACT NO. 62D65				
ILLINOIS FED. AID PROJECT				

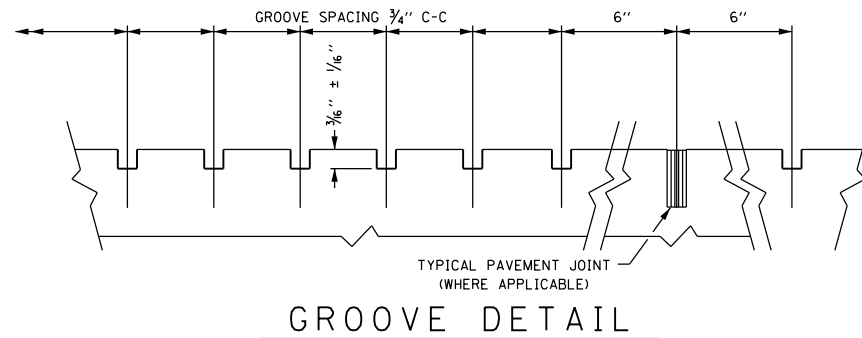
NOTES:

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.



CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	756	FOOT

FILE NAME = TS 14375 - IL RTE 171 AT FOSTER AVE.0717	USER NAME = SNOWBA 2017.dgn	DESIGNED - BAS	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETECTOR LOOP REPLACEMENT PLAN IL RTE 171 (CUMBERLAND AVE) AT FOSTER AVE	F.A.P. RTE. 372	SECTION 3056B-R5-2	COUNTY COOK	TOTAL SHEETS 73	SHEET NO. 39	
Default	PLOT SCALE = 40.0000' / in.	CHECKED - LP	REVISED -			CONTRACT NO. 62D65					
	PLOT DATE = 7/17/2017	DATE - 07/17/2017	REVISED -			ILLINOIS FED. AID PROJECT					
						SCALE: SHEET OF SHEETS STA. TO STA.					



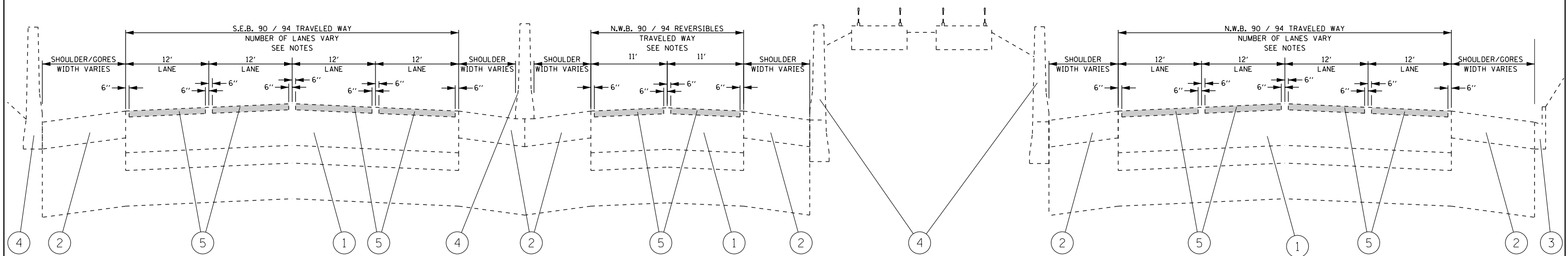
GROOVE DETAIL

NOTES

- 1.) TYPICAL CROSS SECTION AND GROOVE DETAIL IS FOR INFORMATION ONLY. TYPICAL SECTION VARIES THROUGHOUT IMPROVEMENT AREA.
- 2.) REFER TO THE "PAVEMENT GROOVING" SPECIAL PROVISION.
- 3.) THE PAVEMENT GROOVING PATTERN SHOULD BE 1/8 INCH WIDE AND 3/16 INCH ± 1/16 INCH DEEP AT 3/4 INCH CENTERS.
- 4.) PROPOSED PAVEMENT GROOVING (SEE GROOVE DETAIL)
- 5.) PAVEMENT GROOVING LIMITS DO NOT INCLUDE GORE AREAS OR SHOULDERS.
- 6.) SUCCESSIVE PASSES OF THE GROOVING MACHINE SHALL NOT OVERLAP.
- 7.) THE CONTRACTOR SHALL MAINTAIN THE EXISTING CROSS SLOPES.

LEGEND

- ① EXISTING CONTINUOUSLY REINFORCED CONCRETE PAVEMENT
- ② EXISTING PC CONCRETE SHOULDER
- ③ EXISTING COMBINATION CONCRETE CURB & GUTTER
- ④ EXISTING PC CONCRETE BARRIER WALL, WIDTH VARIES
- ⑤ PROPOSED PAVEMENT GROOVING (SEE GROOVE DETAIL)



I-90 / 94 (KENNEDY EXPRESSWAY)
TYPICAL SECTION

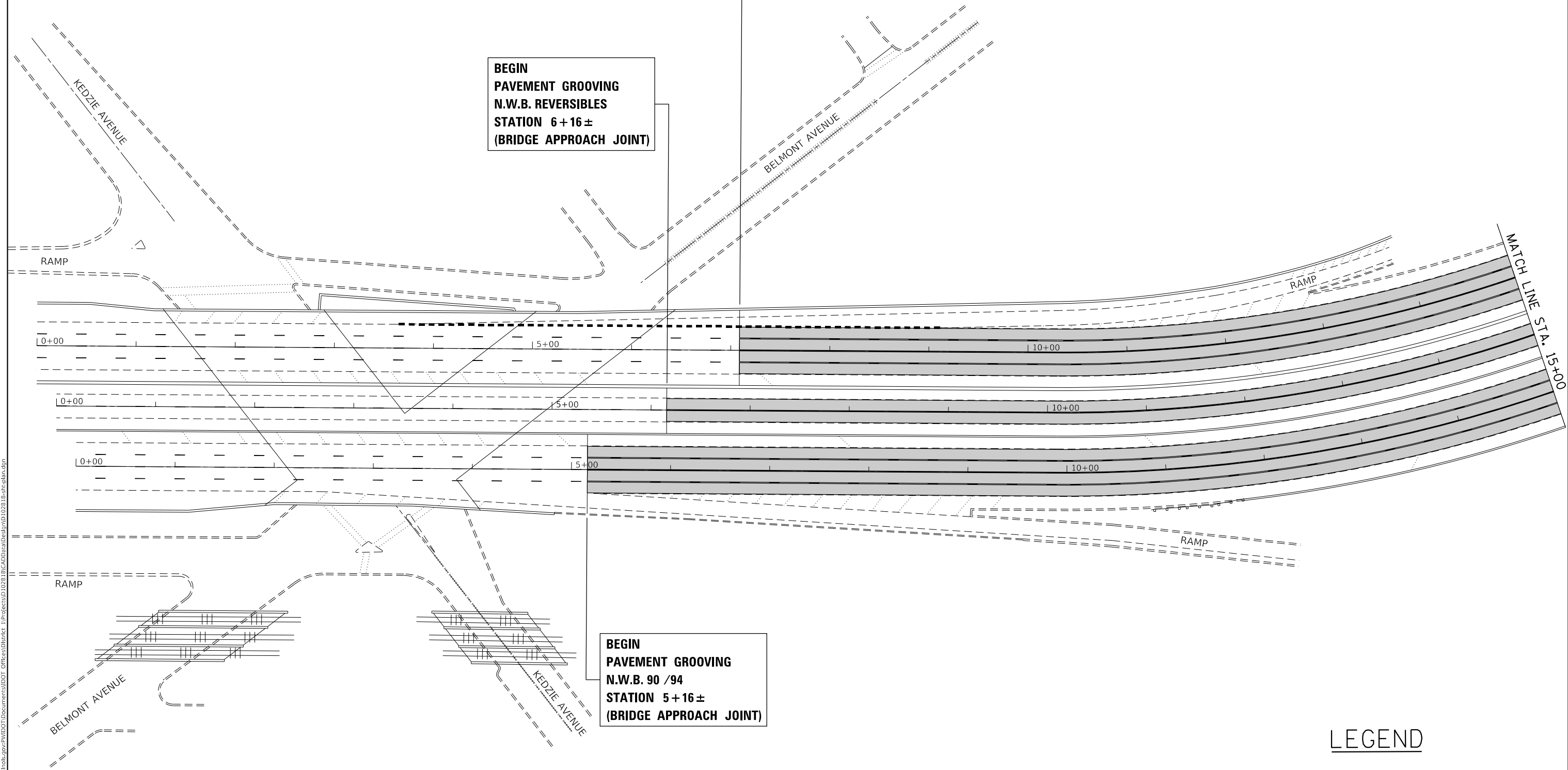
FILE NAME =	USER NAME = toriafm	DESIGNED - PLP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING AND PROPOSED TYPICAL SECTIONS I-90/94 (KENNEDY EXPY)- SO KIMBALL AVENUE TO N/O ADDISON STREET	F.A.I. R.T.E. = 94	SECTION = 3056B-R5-2	COUNTY = COOK	TOTAL SHEETS = 73	SHEET NO. = 40		
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			SCALE:	SHEET OF SHEETS	STA. TO STA.	CONTRACT NO. 62D65			
	PLOT DATE = 5/8/2018	DATE -	REVISED -			ILLINOIS FED. AID PROJECT						



**BEGIN
PAVEMENT GROOVING
S.E.B. 90 /94
STATION 7+09±
(BRIDGE APPROACH JOINT)**

**BEGIN
PAVEMENT GROOVING
N.W.B. REVERSIBLES
STATION 6+16±
(BRIDGE APPROACH JOINT)**

**BEGIN
PAVEMENT GROOVING
N.W.B. 90 /94
STATION 5+16±
(BRIDGE APPROACH JOINT)**



LEGEND

 PROPOSED PAVEMENT GROOVING

MODEL: Default
FILE: \\nas01.psw.us.ibm.com\B&E\ID\NTEC\Illinois.gov\PI\DOT\Documents\DOT_Offices\Director\1\Projects\10289\B&E\CADD\Drawings\10289-Sub-Plan.dwg

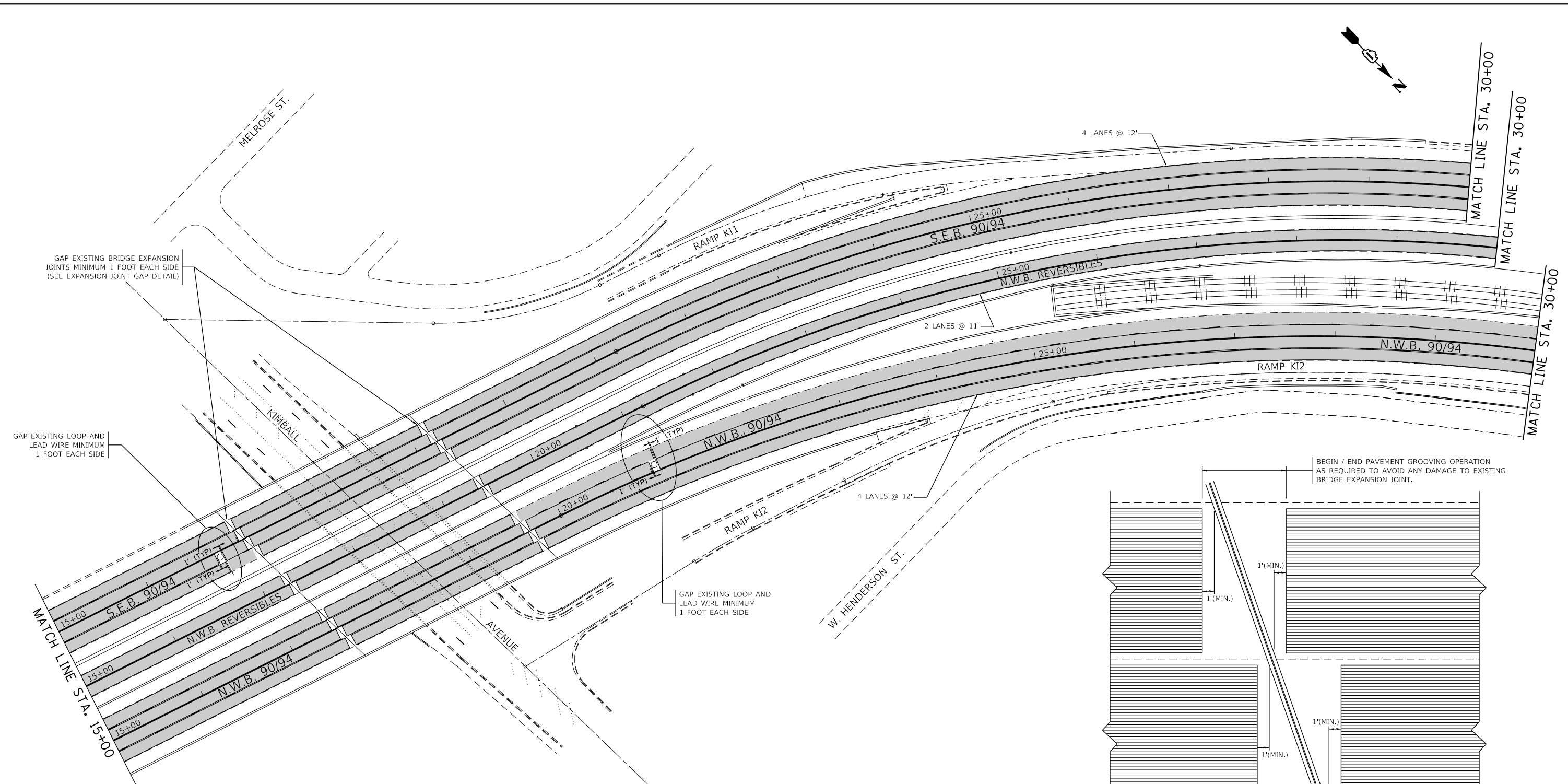
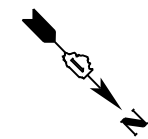
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DRAWN - PLP	REVISIONS -	
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PLOT DATE = 5/8/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN
I-90/94 (KENNEDY EXPY)- S/O KIMBALL AVENUE TO N/O ADDISON STREET**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	3056B-R5-2	COOK	73	41
CONTRACT NO. 62D65				
ILLINOIS FED. AID PROJECT				

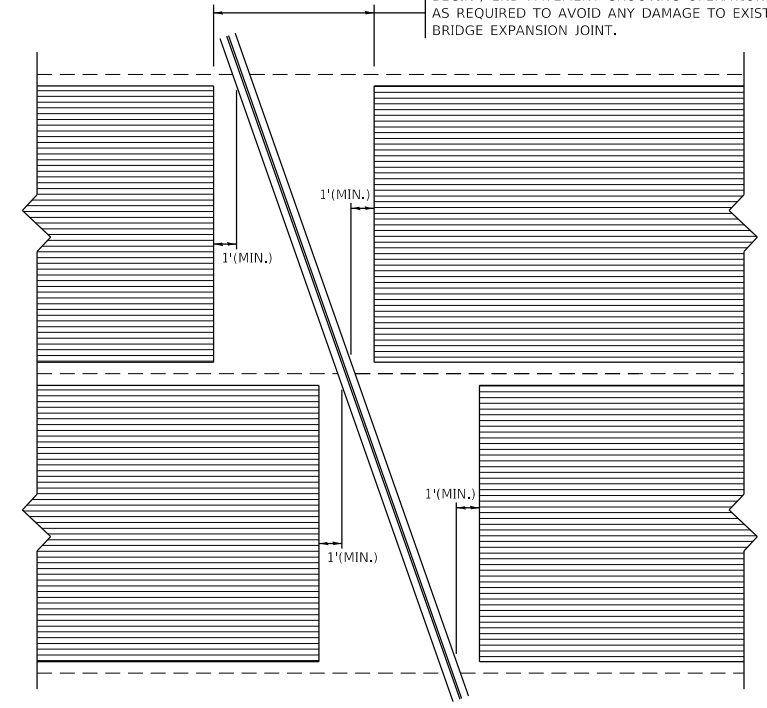


GAP EXISTING BRIDGE EXPANSION JOINTS MINIMUM 1 FOOT EACH SIDE (SEE EXPANSION JOINT GAP DETAIL)

GAP EXISTING LOOP AND LEAD WIRE MINIMUM 1 FOOT EACH SIDE

GAP EXISTING LOOP AND LEAD WIRE MINIMUM 1 FOOT EACH SIDE

BEGIN / END PAVEMENT GROOVING OPERATION AS REQUIRED TO AVOID ANY DAMAGE TO EXISTING BRIDGE EXPANSION JOINT.



EXPANSION JOINT GAP DETAIL

LEGEND

PROPOSED PAVEMENT GROOVING

MODEL: Default
FILE: \\nas01\pub\B&E\ID\NTEC\Illinois\gov\PIWDOT\Documents\DOT_Offices\Director\Projects\1023\B&E\CAD\Drawings\1023\18-shr-pln.dwg

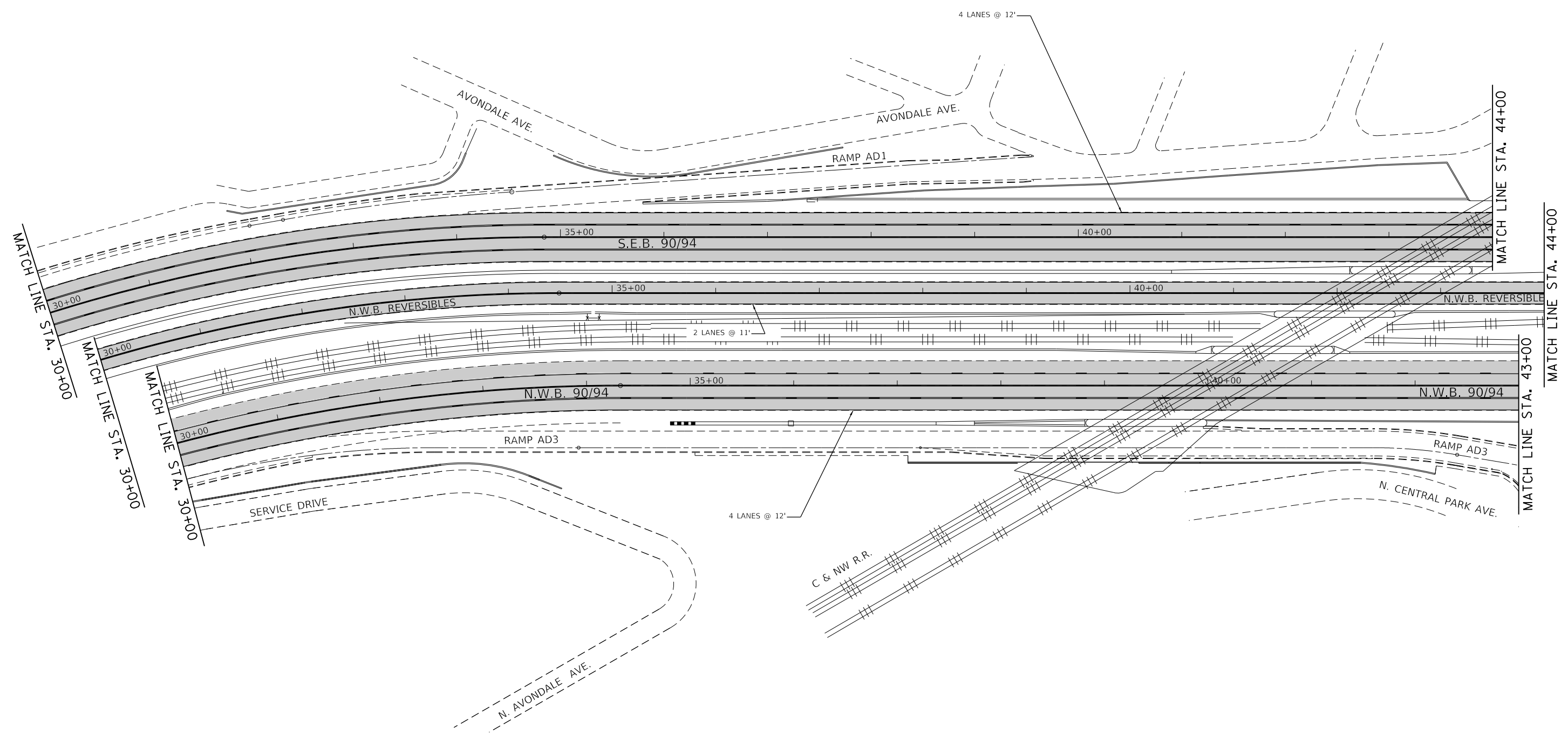
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DRAWN - PLP	REVISED -	
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PLOT DATE = 5/8/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN
I-90/94 (KENNEDY EXPY)- S/O KIMBALL AVENUE TO N/O ADDISON STREET

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	3056B-R5-2	COOK	73	42
CONTRACT NO. 62D65				
ILLINOIS FED. AID PROJECT				



LEGEND

PROPOSED PAVEMENT GROOVING

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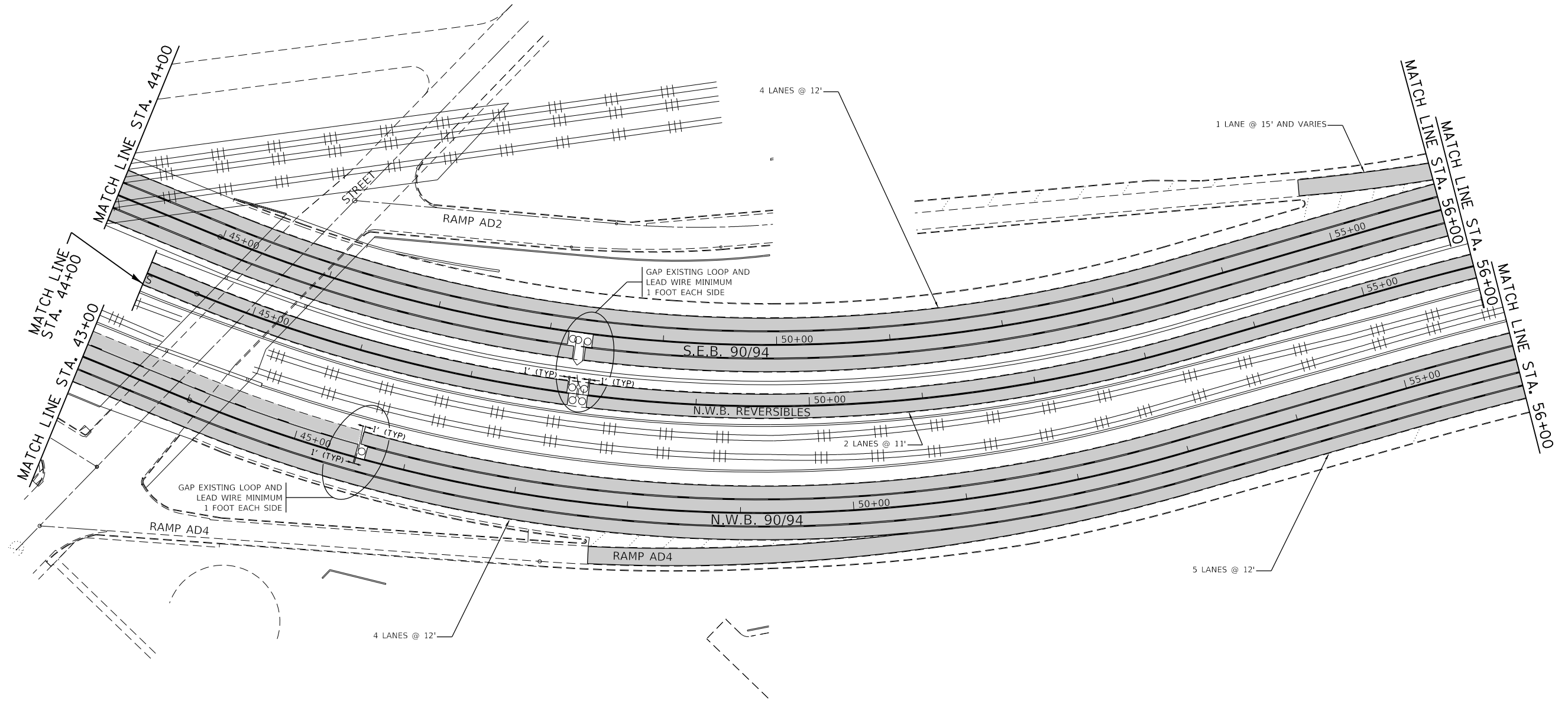
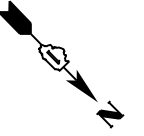
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PLOT DATE = 5/8/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN
I-90/94 (KENNEDY EXPY)- S/O KIMBALL AVENUE TO N/O ADDISON STREET**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	3056B-R5-2	COOK	73	43
CONTRACT NO. 62D65				
ILLINOIS FED. AID PROJECT				



LEGEND

 PROPOSED PAVEMENT GROOVING

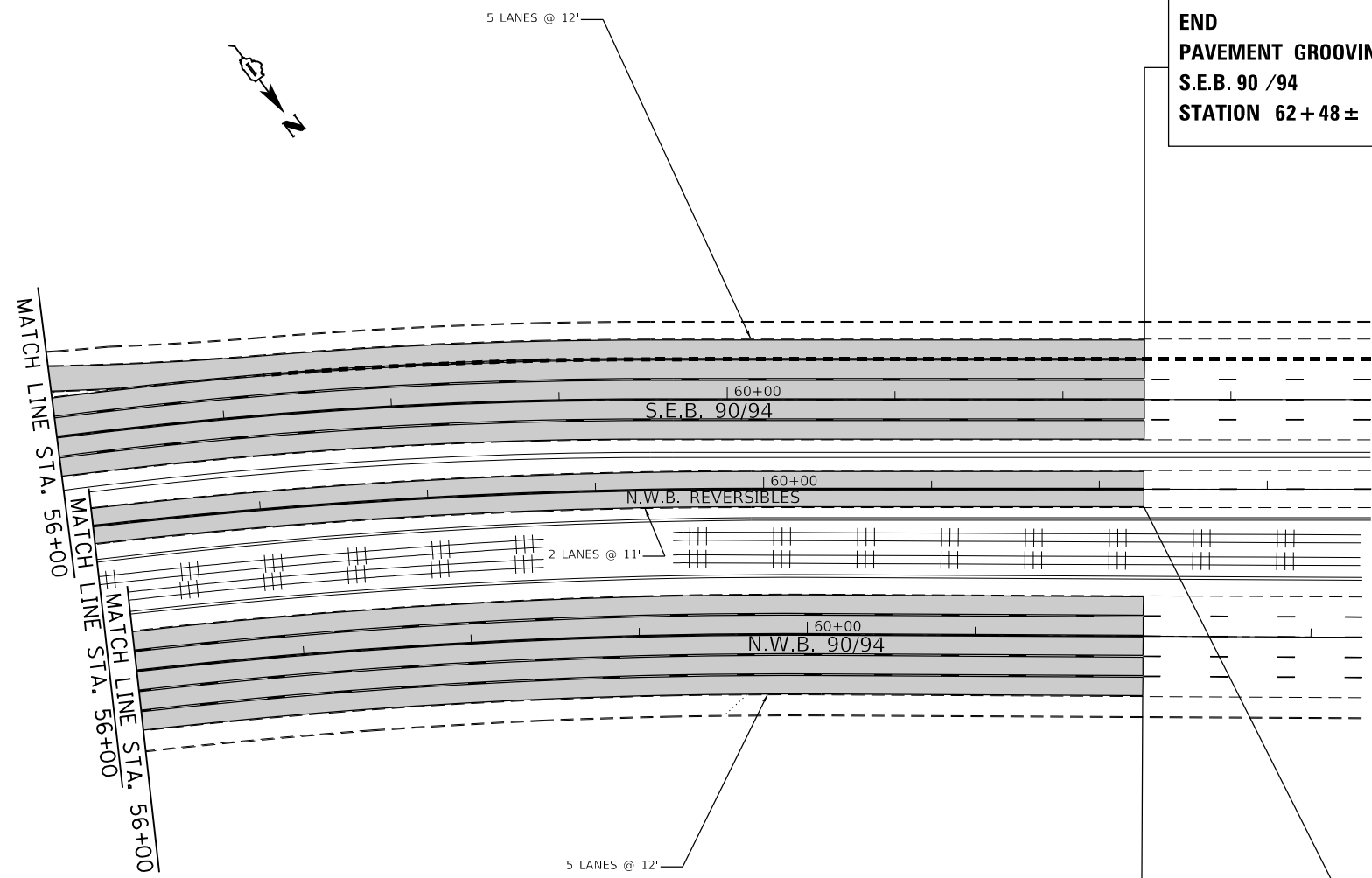
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DRAWN - PLP	REVISIONS -	
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/8/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN			
I-90/94 (KENNEDY EXPY)- S/O KIMBALL AVENUE TO N/O ADDISON STREET			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

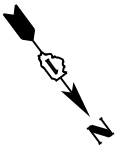
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	3056B-R5-2	COOK	73	44
CONTRACT NO. 62D65				
ILLINOIS FED. AID PROJECT				



**END
PAVEMENT GROOVING
S.E.B. 90 /94
STATION 62 + 48 ±**

**END
PAVEMENT GROOVING
N.W.B. REVERSIBLES
STATION 62 + 26 ±**

**END
PAVEMENT GROOVING
N.W.B. 90 /94
STATION 62 + 00**



LEGEND

 PROPOSED PAVEMENT GROOVING

MODEL: Default
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DRAWN - PLP	REVISIONS -	
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PLOT DATE = 5/8/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

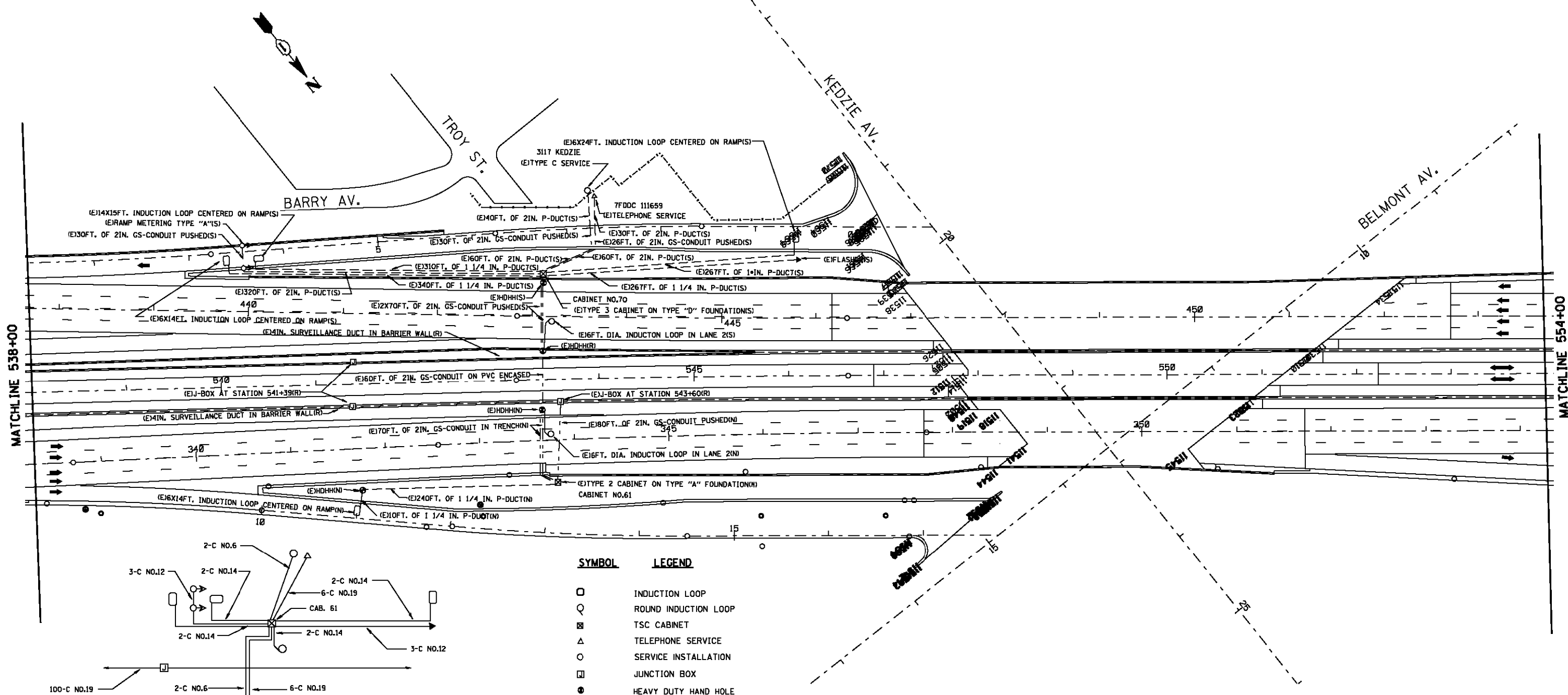
**ROADWAY PLAN
I-90/94 (KENNEDY EXPY)- S/O KIMBALL AVENUE TO N/O ADDISON STREET**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	3056B-R5-2	COOK	73	45
CONTRACT NO. 62D65				
ILLINOIS FED. AID PROJECT				

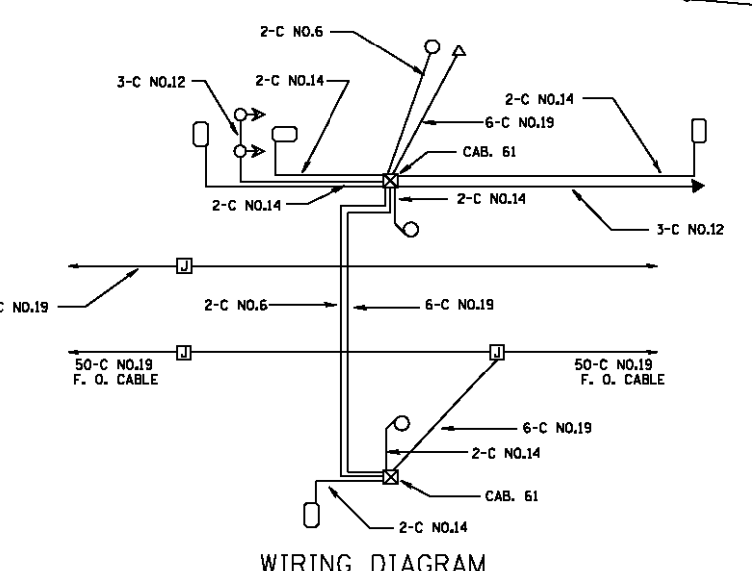
FOR INFORMATION ONLY

PLAN NO.	SECTION	COUNTY	DATE	SHEET NO.
90/34		COOK		
STA. 538+00	TO STA. 554+00			
FILE NO. PROJ. NO.	BLANKS	FILE NO. PROJECT		



MATCHLINE 538+00

MATCHLINE 554+00



SYMBOL	LEGEND
□	INDUCTION LOOP
○	ROUND INDUCTION LOOP
⊠	TSC CABINET
△	TELEPHONE SERVICE
○	SERVICE INSTALLATION
⊠	JUNCTION BOX
●	HEAVY DUTY HAND HOLE
---	P-DUCT
- - -	GS-CONDUIT
(E)	EXISTING
(P)	PROPOSED
≡	INSTALL
▶	FLASHER
◁▶	RAMP METERING

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER
KENNEDY
KEDZIE AVE.
INSTALLATION

SCALE: VERT. 50:1
HORIZ. 50:1
DATE: 2-21-91

DRAWN BY: G.M.
CHECKED BY: D.S.

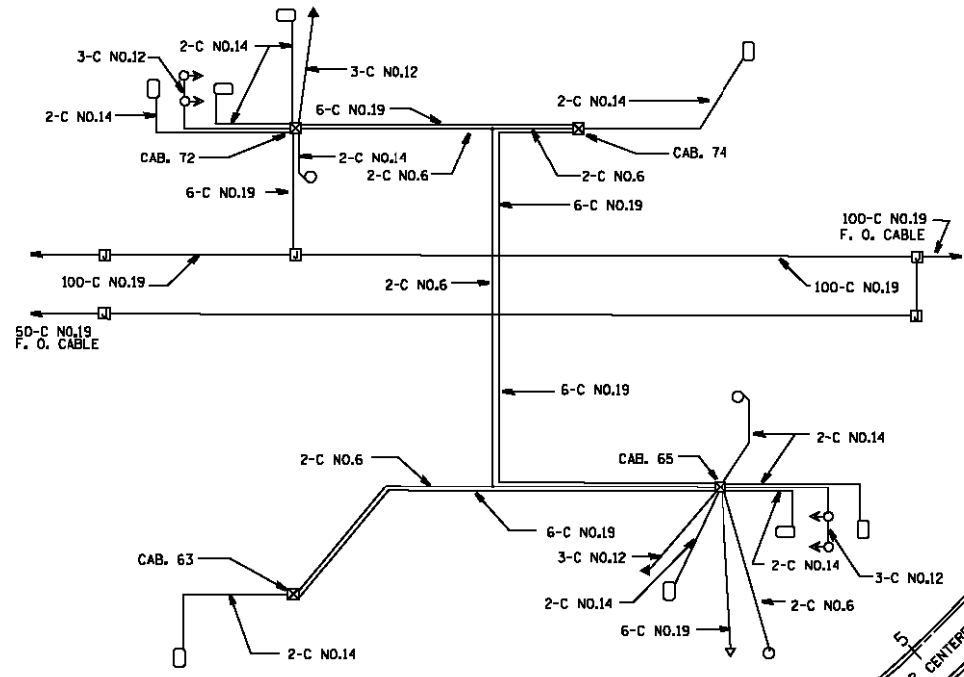
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RF=NWBPROP.DGN,KED

VI=KED

TRAFFIC SYSTEMS CENTER

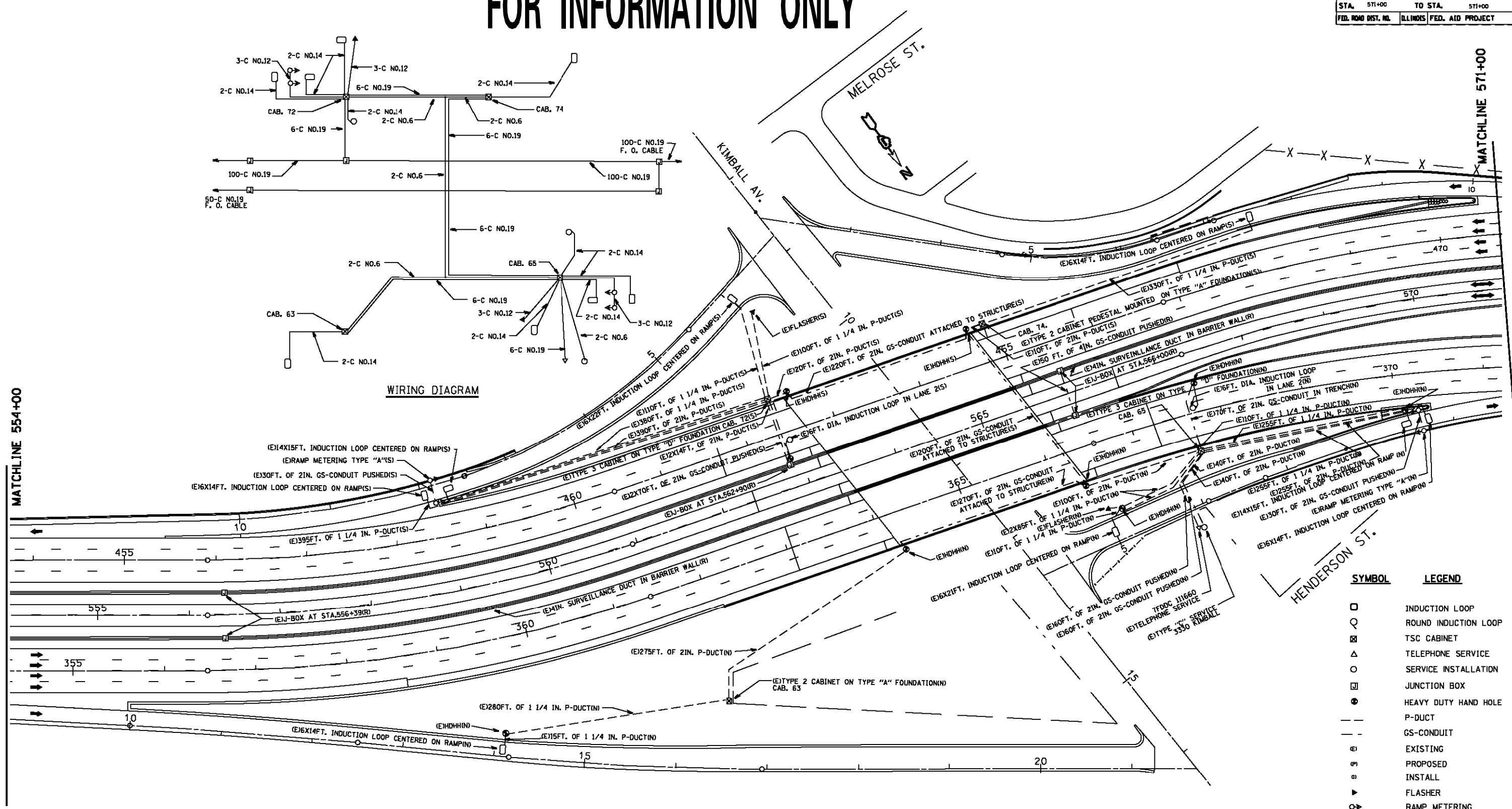
FOR INFORMATION ONLY

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94		COOK		
STA. 571+00	TO STA. 571+00			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			



MATCHLINE 554+00

MATCHLINE 571+00



SYMBOL	LEGEND
□	INDUCTION LOOP
○	ROUND INDUCTION LOOP
⊠	TSC CABINET
△	TELEPHONE SERVICE
○	SERVICE INSTALLATION
⊠	JUNCTION BOX
●	HEAVY DUTY HAND HOLE
---	P-DUCT
---	GS-CONDUIT
ⓔ	EXISTING
ⓖ	PROPOSED
ⓗ	INSTALL
▶	FLASHER
⊙	RAMP METERING

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER
KENNEDY
KIMBALL AVE.
INSTALLATION

SCALE: VERT. 50:1
 HORIZ. 50:1
 DATE 9-26-90

DRAWN BY GM
 CHECKED BY DS

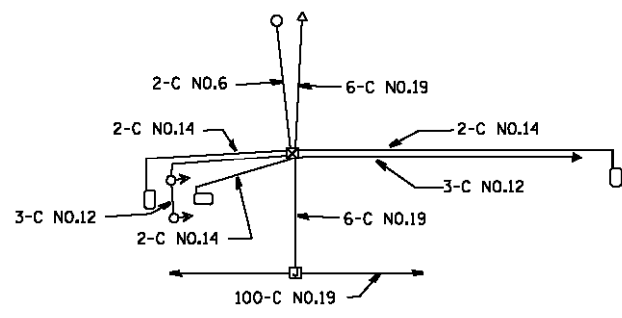
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS
90/34		COOK	
STA. 554+00	TO STA. 581+50		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT	

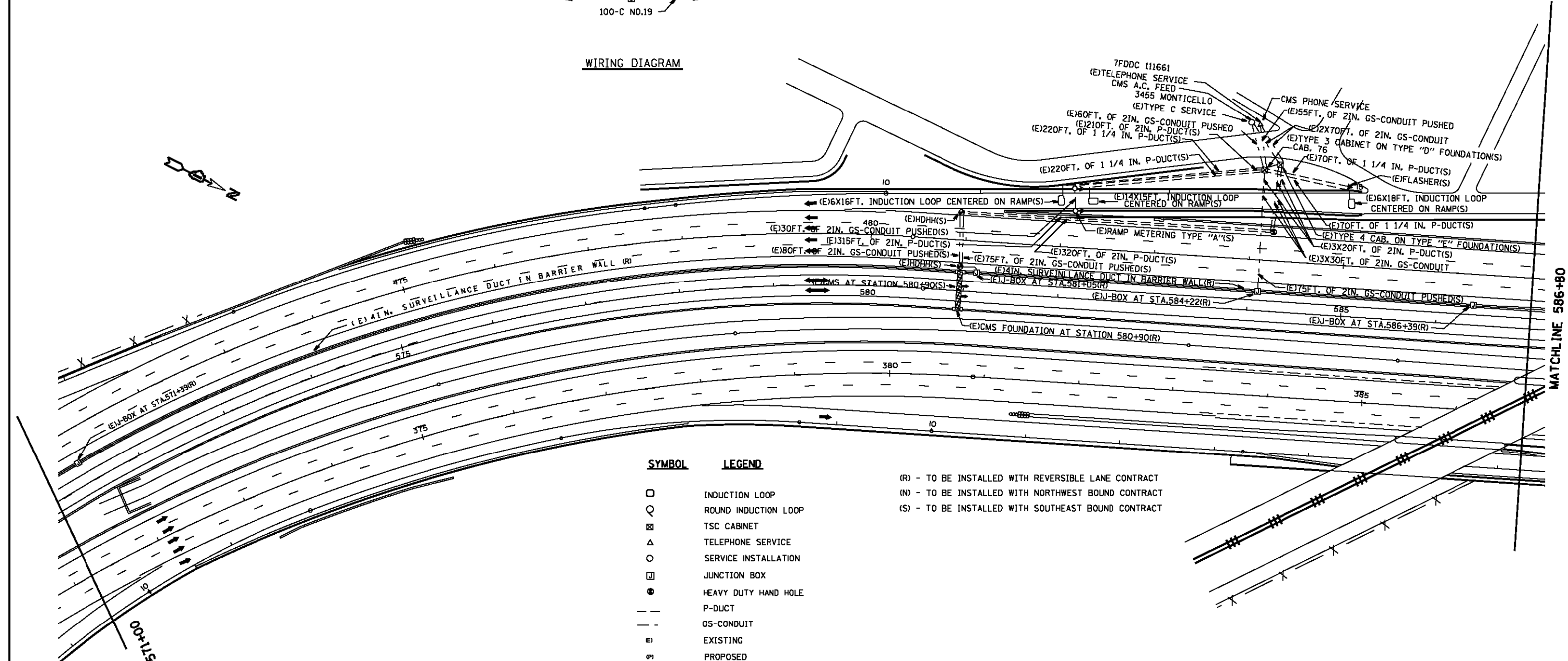
FOR INFORMATION ONLY

• NOTES:

- 1) GS-CONDUIT PUSHED OR TRENCHED UNDER ROADWAY SHOULD TERMINATE AT A HANDHOLE, OR CABINET FOUNDATION.
- 2) INDUCTION LOOPS SHALL BE SPLICED IN HANHOLES OR LOOP WIRE WILL RUN DIRECTLY TO CABINETS.



WIRING DIAGRAM



SYMBOL **LEGEND**

- INDUCTION LOOP
- ROUND INDUCTION LOOP
- ⊠ TSC CABINET
- △ TELEPHONE SERVICE
- SERVICE INSTALLATION
- ⊠ JUNCTION BOX
- HEAVY DUTY HAND HOLE
- P-DUCT
- - - GS-CONDUIT
- Ⓜ EXISTING
- Ⓟ PROPOSED
- Ⓢ INSTALL
- ▶ FLASHER
- ⊙ RAMP METERING
- ▨ CHANGEABLE MESSAGE SIGN

- (R) - TO BE INSTALLED WITH REVERSIBLE LANE CONTRACT
- (N) - TO BE INSTALLED WITH NORTHWEST BOUND CONTRACT
- (S) - TO BE INSTALLED WITH SOUTHEAST BOUND CONTRACT

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER
KENNEDY
571+00 TO 586+80

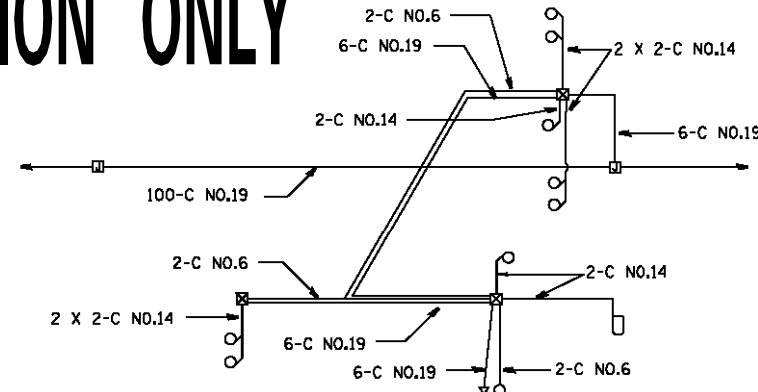
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 HORIZ. 50:1
 DATE 9-26-90

DRAWN BY CM
 CHECKED BY DS

TRAFFIC SYSTEMS CENTER

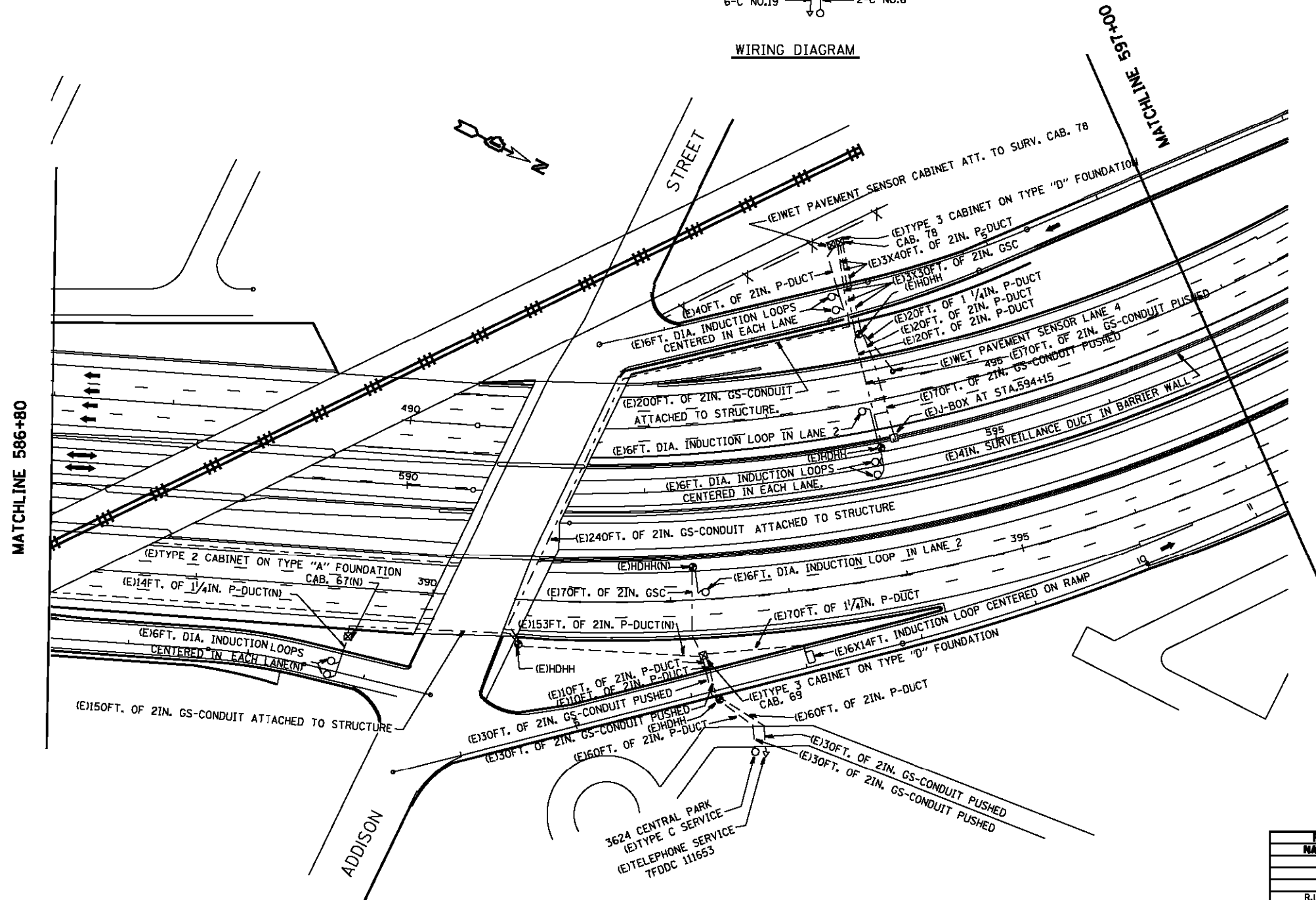
FOR INFORMATION ONLY

CONTRACT NO.			
F.A. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
90/34		COOK	
STA. 581+50	TO STA. 597+00		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		



WIRING DIAGRAM

- NOTE:
1) REUSE EXISTING TYPE "C" SERVICE, AND TELEPHONE SERVICE IF POSSIBLE.



SYMBOL **LEGEND**

- INDUCTION LOOP
- ROUND INDUCTION LOOP
- ⊗ TSC CABINET
- △ TELEPHONE SERVICE
- SERVICE INSTALLATION
- ⊠ JUNCTION BOX
- HEAVY DUTY HAND HOLE
- P-DUCT
- - - GS-CONDUIT
- (E) EXISTING
- (P) PROPOSED
- ▶ INSTALL
- ◀ FLASHER
- ◀▶ RAMP METERING

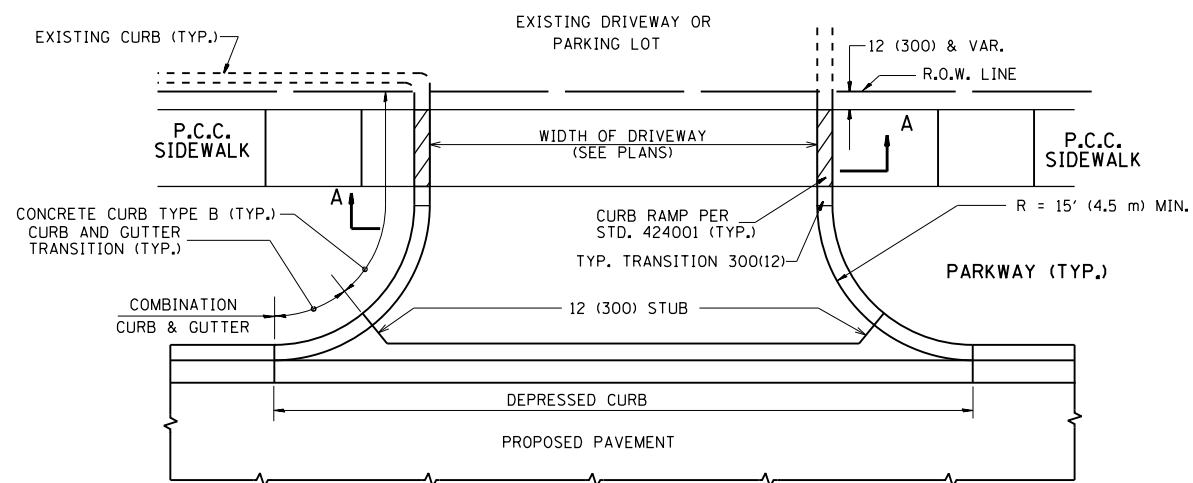
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REVISIONS	
NAME	DATE
R.L.	6-28-04

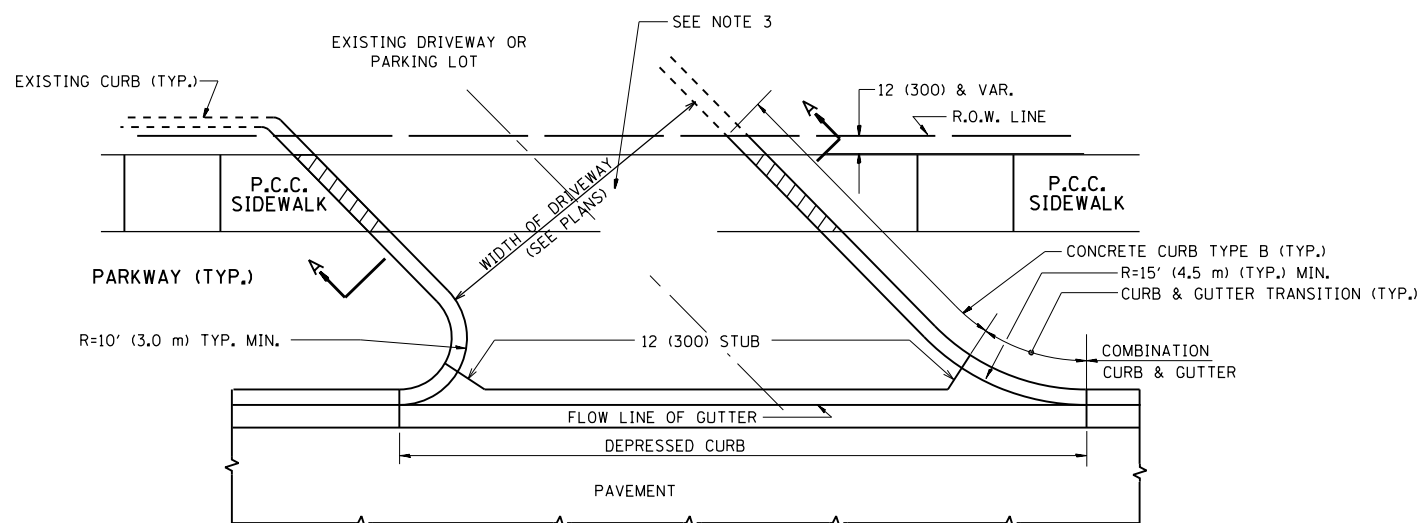
ILLINOIS DEPARTMENT OF TRANSPORTATION
 TRAFFIC SYSTEMS CENTER
KENNEDY
ADDISON ST.
INSTALLATION

SCALE: VERT. 50:1
 HORIZ. 50:1
 DATE 9-26-90

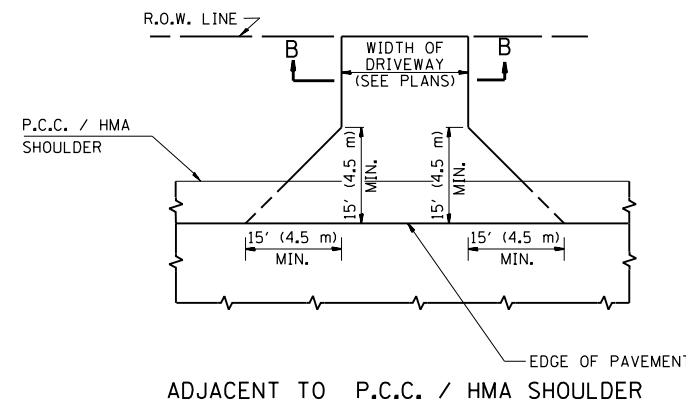
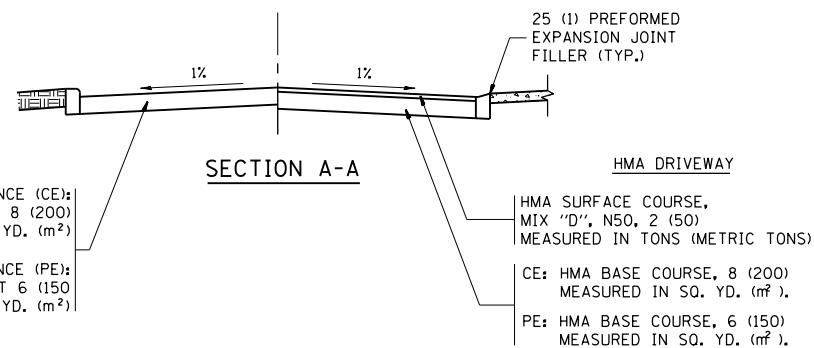
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 CHECKED BY DS



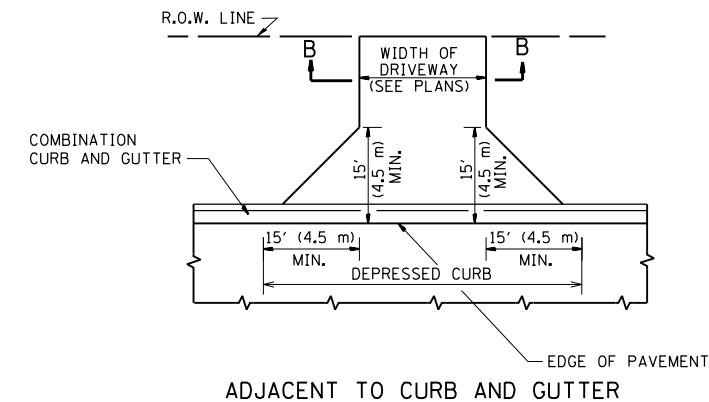
WITH CONCRETE CURB, TYPE B



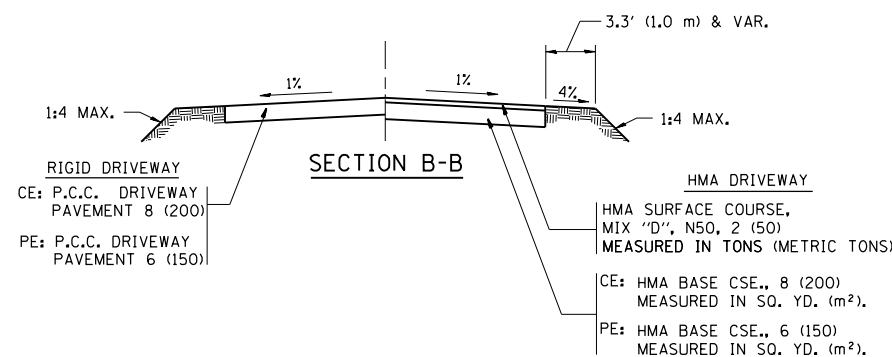
WITH CONCRETE CURB, TYPE B



ADJACENT TO P.C.C. / HMA SHOULDER



ADJACENT TO CURB AND GUTTER



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.

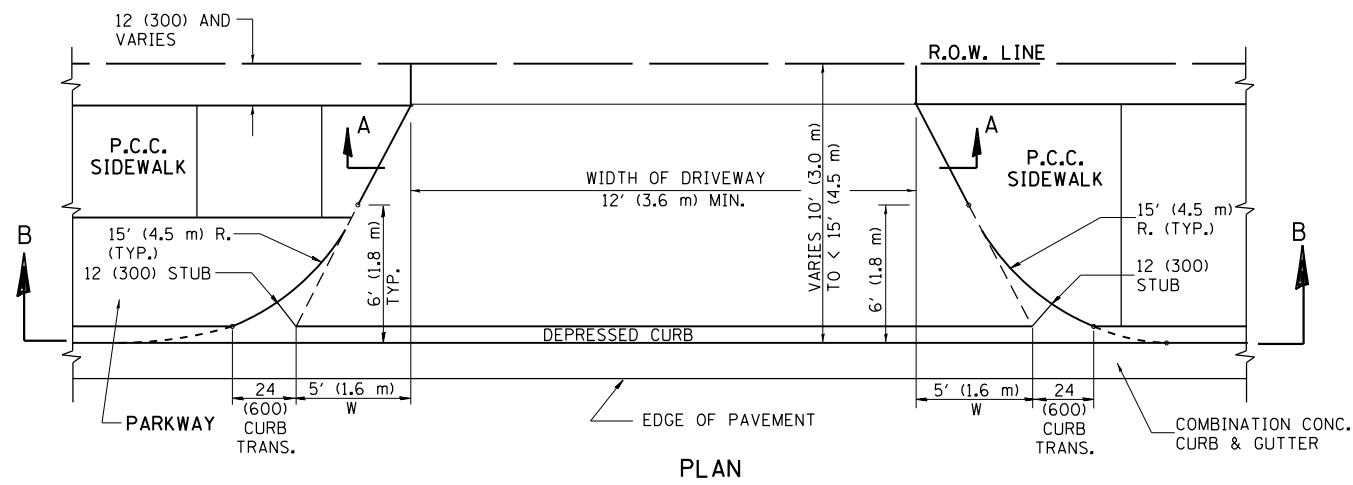
WHEN THE P.C.C. SIDEWALK EXTENDS THROUGH THE DRIVEWAY, THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY AREA SHALL BE THE SAME AS THE DRIVEWAY THICKNESS. SIDEWALK WILL BE PAID FOR AS P.C.C. SIDEWALK OF THE THICKNESS SPECIFIED. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.

FILE NAME =	USER NAME = toriafm	DESIGNED - R. SHAH	REVISED - P. LaFLUER 04-15-03
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\DI074\Drawings\Design\Diststd.dgn		CHECKED -	REVISED - R. BORO 01-01-07
PLOT SCALE = 100.0002' / 1"		DATE - 11-04-95	REVISED - R. BORO 06-11-08
PLOT DATE = 5/8/2018			REVISED - R. BORO 09-06-11

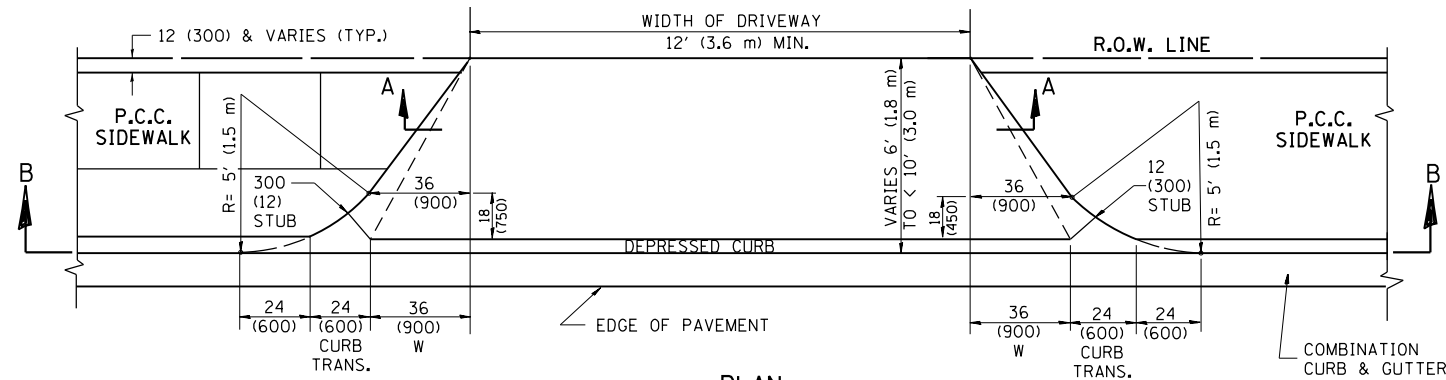
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER >= 15' (4.5 m)			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	

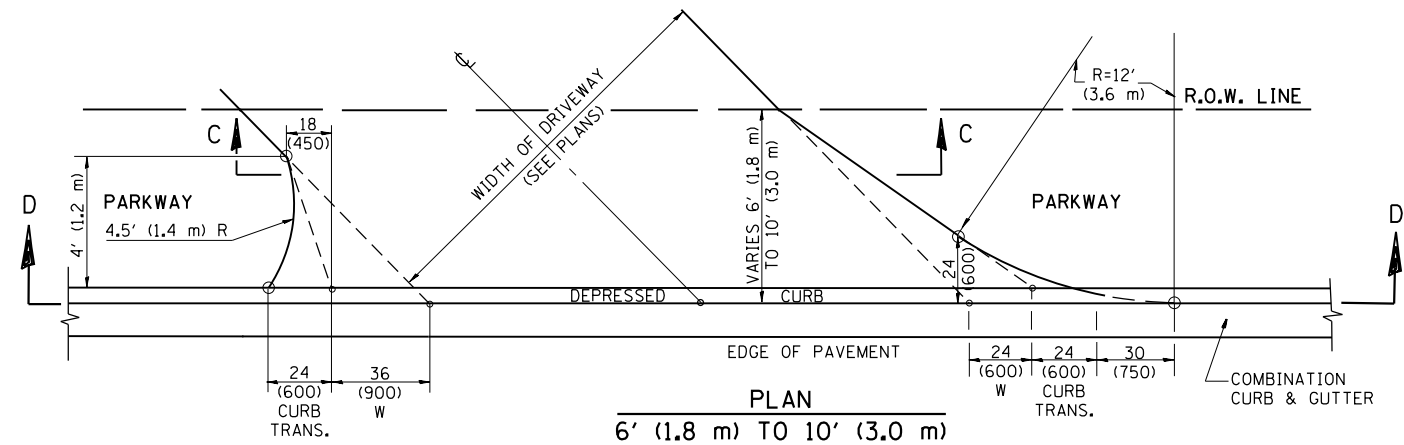
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	3056B-R5-2	COOK	73	50
BD0156-07 (BD-01)		CONTRACT NO. 62D65		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



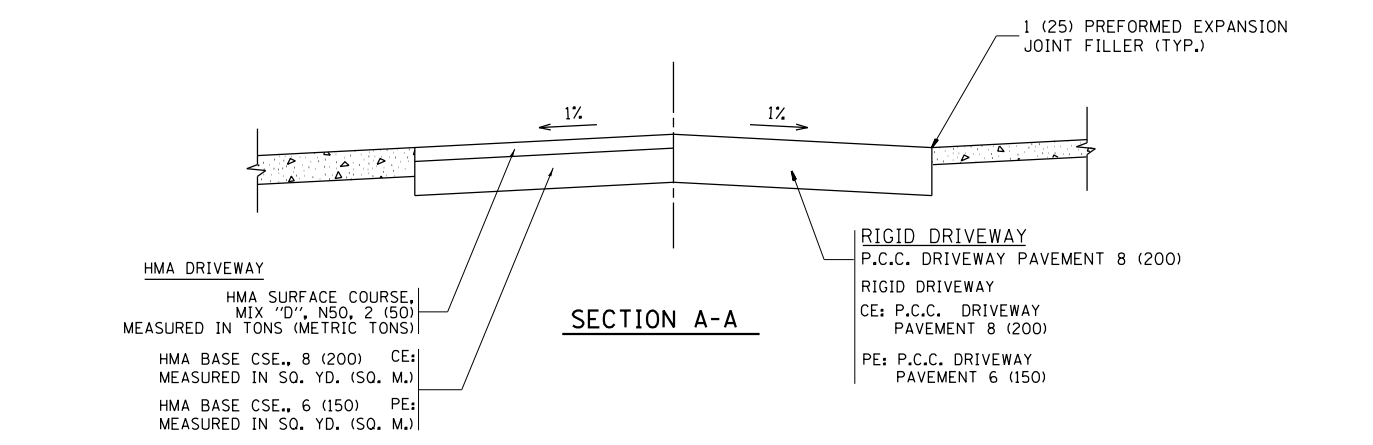
PLAN
10' (3.0 m) TO < 15' (4.5 m)



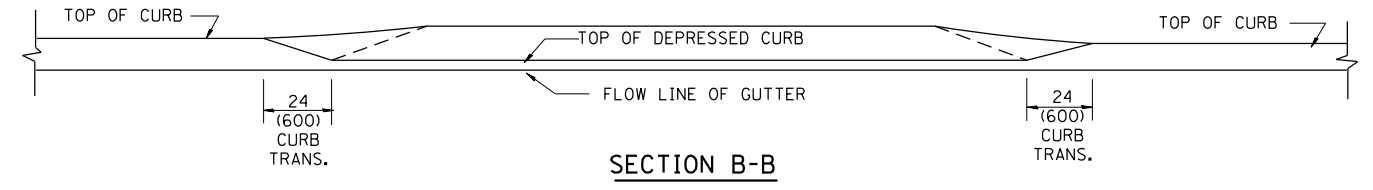
PLAN
6' (1.8 m) TO < 10' (3.0 m)



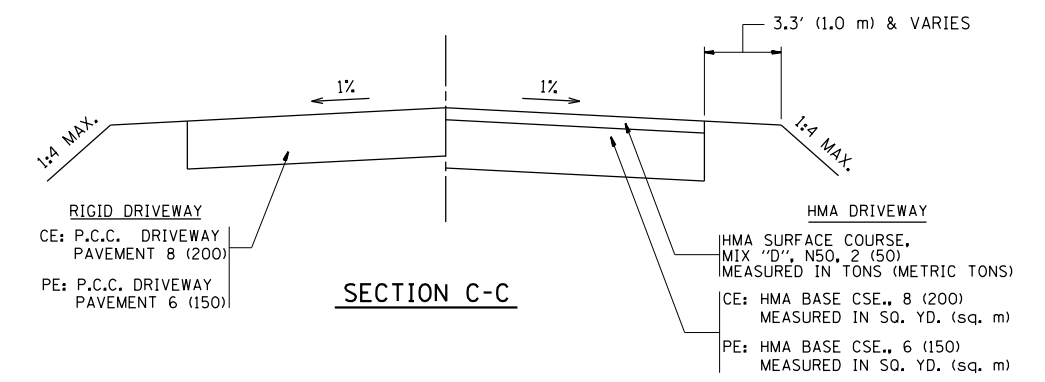
PLAN
6' (1.8 m) TO 10' (3.0 m)



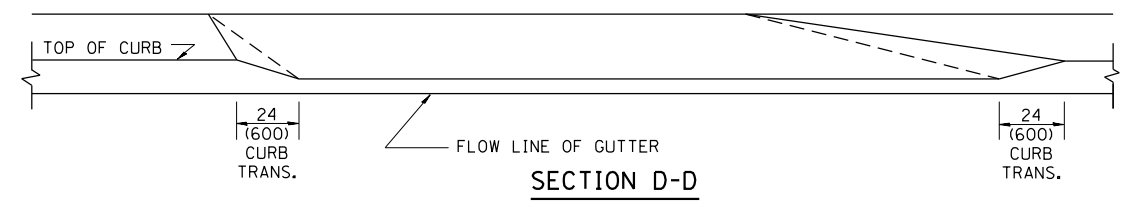
SECTION A-A



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).

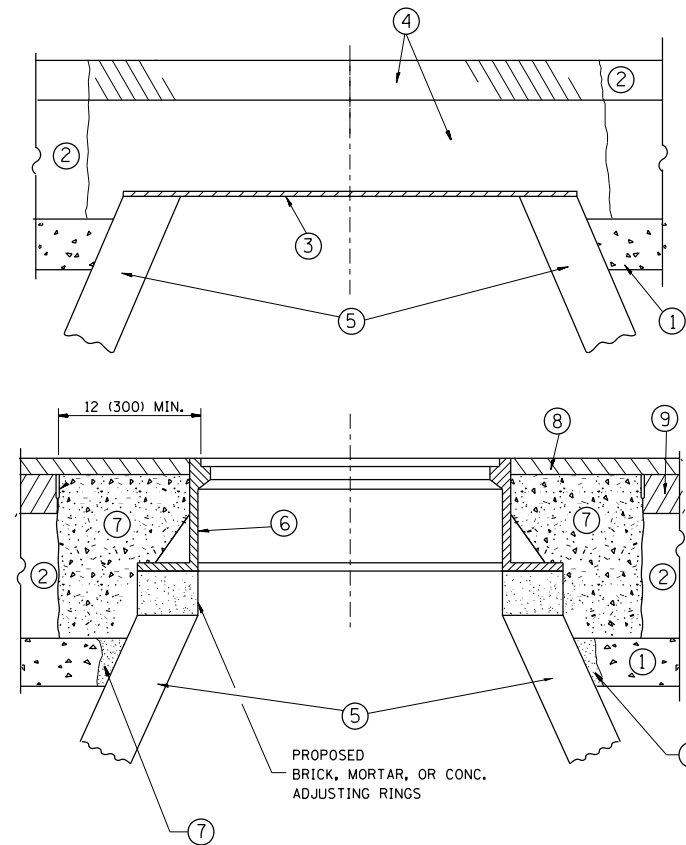
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE NOTED.

FILE NAME =	USER NAME =	DESIGNED - R. SHAH	REVISED - M. GOMEZ 04-06-01
pw\11\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 1\Projects\1074\Drawings\Design\Diststd.dgn		CHECKED -	REVISED - P. LaFLEUR 04-15-03
		DATE - 11-06-95	REVISED - R. BORO 01-01-07
			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. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	3056B-R5-2	COOK	73	51
BD400-02 (BD-02)			CONTRACT NO. 62D65	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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 1/2 (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.

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.

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

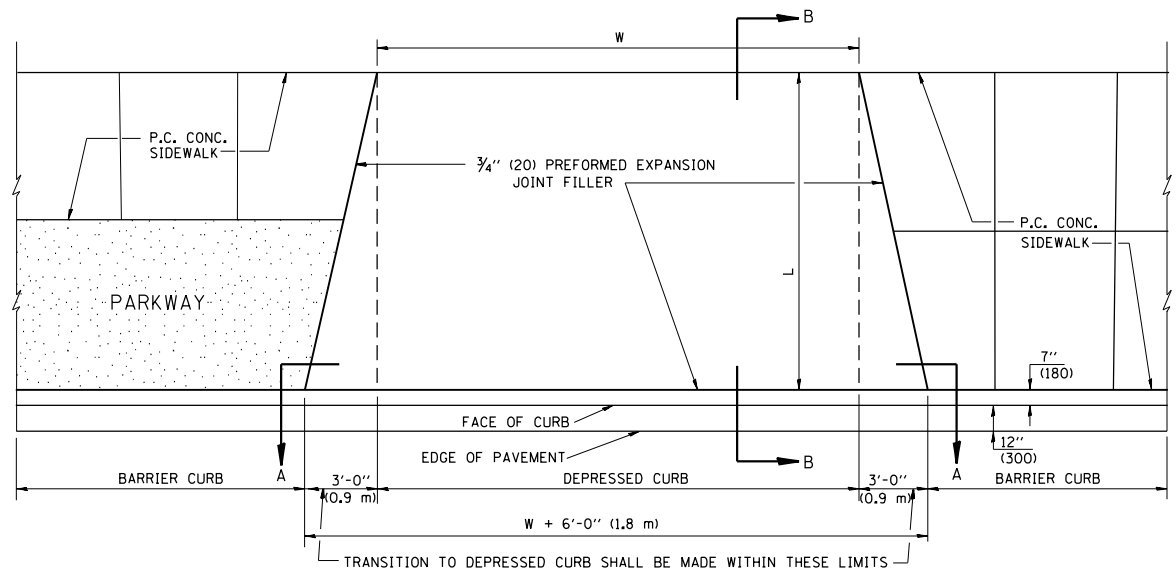
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME =	USER NAME = toriafm	DESIGNED - R. SHAH	REVISED - R. WIEDEMAN 05-14-04
pw:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 1\Projects\DI074\Drawings\Design\Diststd.dgn			REVISED - R. BORO 01-01-07
		CHECKED -	REVISED - R. BORO 03-09-11
		DATE - 10-25-94	REVISED - R. BORO 12-06-11

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

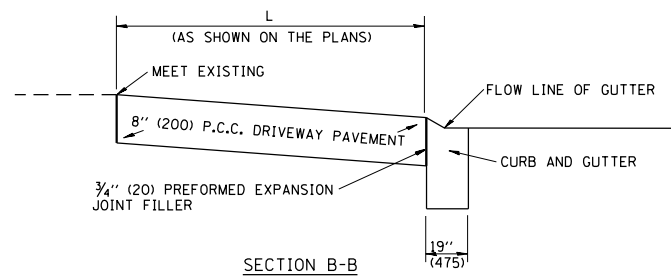
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	3056B-R5-2	COOK	73	52
BD600-03 (BD-8)		CONTRACT NO. 62D65		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



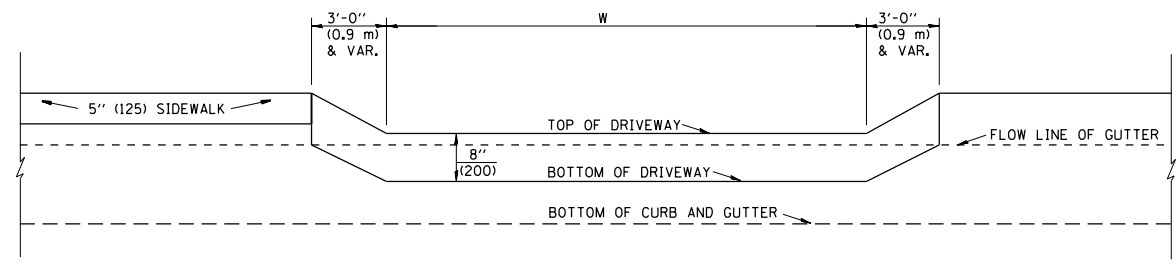
PLAN VIEW

NOTES:

1. EXPANSION JOINTS SHALL BE CONSTRUCTED AS SHOWN ON THE DETAILS FOR P.C.C. SIDEWALK.
2. THE CURB BETWEEN ADJACENT DRIVEWAYS SHALL BE FULL HEIGHT FOR A DISTANCE OF AT LEAST FOUR FEET (1.2 METERS)
3. P.C. CONCRETE DRIVEWAYS SHALL BE CONSTRUCTED AT LOCATIONS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
4. 3/4" (20) PREFORMED EXPANSION JOINTS WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO P.C.C. DRIVEWAY PAVEMENT 8" (200).
5. COMBINATION CONC. CURB AND GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE TRANSITION CURB AND GUTTER.

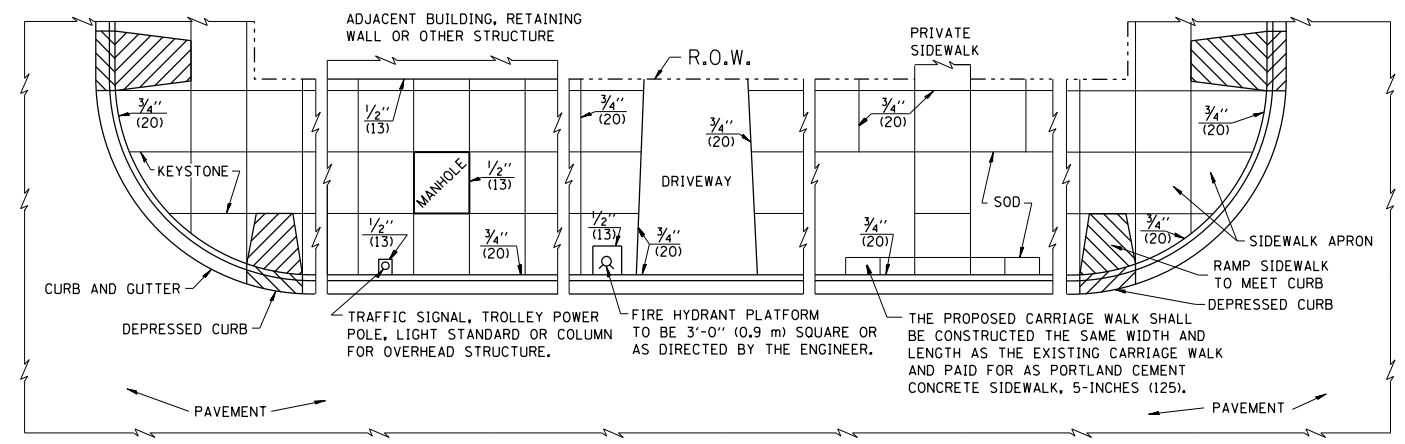


SECTION B-B



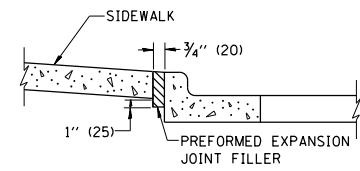
SECTION A-A

P.C.C. DRIVEWAY PAVEMENT DETAIL



NOTES:

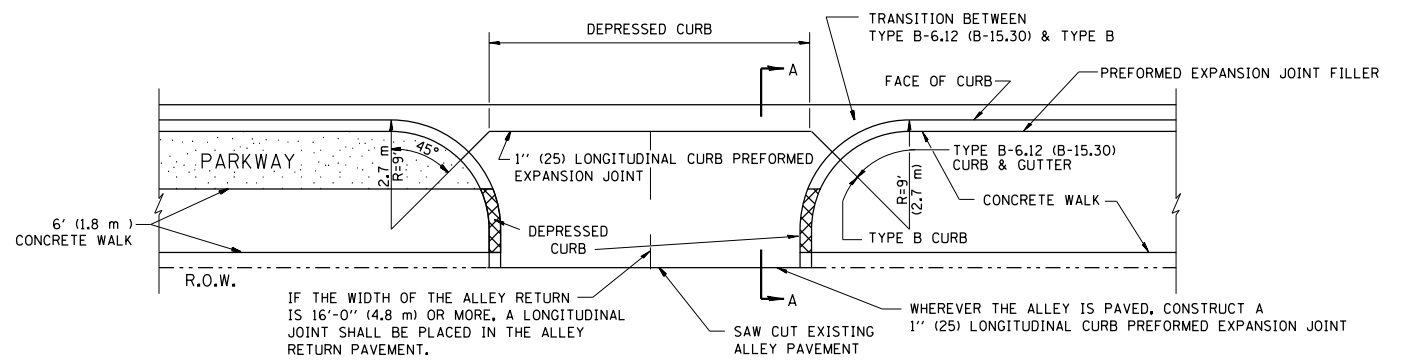
1. ONE-HALF INCH THICK EXPANSION JOINTS SHALL BE PLACED BETWEEN THE SIDEWALK AND ALL STRUCTURES SUCH AS LIGHT STANDARDS, TRAFFIC LIGHT STANDARDS, MANHOLES, WHICH EXTEND THROUGH THE SIDEWALK.
2. 3/4" (20) THICK EXPANSION JOINTS SHALL BE PLACED AT INTERVALS OF NOT MORE THAN 100 FEET (30 METERS) IN THE SIDEWALK, WHERE THE SIDEWALK IS CONSTRUCTED ADJACENT TO PAVEMENT OR CURB HAVING EXPANSION JOINTS, THE EXPANSION JOINTS IN THE SIDEWALK SHALL BE PLACED OPPOSITE THE EXISTING EXPANSION JOINTS AS NEARLY AS PRACTICABLE. EXPANSION JOINTS SHALL ALSO BE PLACED WHERE THE SIDEWALK ABUTS EXISTING SIDEWALKS, BETWEEN DRIVEWAY PAVEMENT AND SIDEWALK, AND BETWEEN SIDEWALK AND CURBS WHERE THE SIDEWALK ABUTS A CURB.



SLOPE FOR SIDEWALK
1" (25) IN 3'-0" (0.9 m) IN CHICAGO

PORTLAND CEMENT CONCRETE SIDEWALK DETAILS

NOTES: NO EXTRA COMPENSATION SHALL BE ALLOWED FOR THE GUTTER FLARE



SECTION A-A

ALLEY RETURN DETAIL

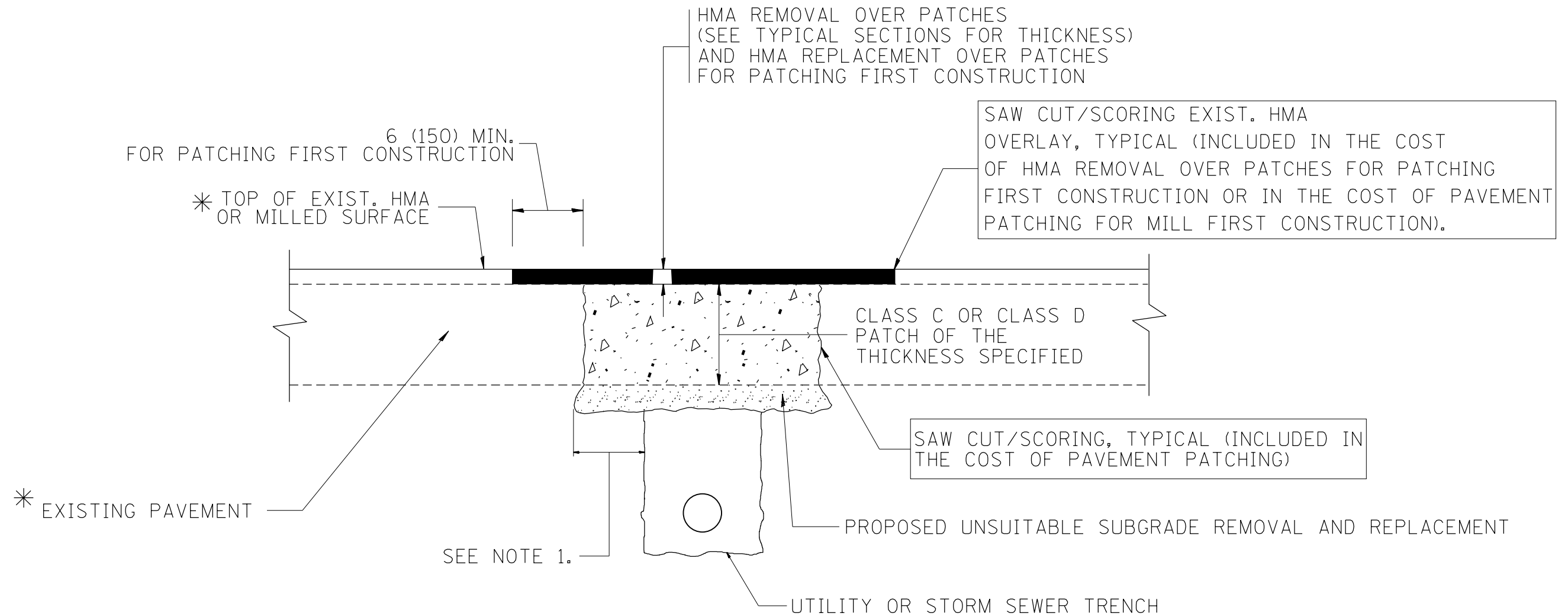
FILE NAME =	USER NAME = toriafm	DESIGNED - M. DE YONG	REVISED -
p:\1\084EBIDINTEG.illinois.gov\PIWIDT\Documents\DOT Offices\District 1\Projects\DI074\Drawings\Design\Diststd.dgn		CHECKED -	REVISED -
PLOT SCALE = 100.0002' / 1"		DATE - 06-13-90	REVISED -
PLOT DATE = 5/8/2018			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CITY OF CHICAGO	
DETAILS FOR P.C. CONCRETE DRIVEWAY, ALLEY RETURN AND SIDEWALK	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	3056B-R5-2	COOK	73	53
BD400-03 (BD-17)		CONTRACT NO. 62D65		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN



* 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 = tar1qfm	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\DI074\Drawings\Design\Diststd.dgn	PLOT SCALE = 100.0002' / 1in.	CHECKED -	REVISED - R. BORO 01-01-07					VAR.	3056B-R5-2	COOK	73	54
	PLOT DATE = 5/8/2018	DATE - 10-25-94	REVISED - R. BORO 09-04-07		BD400-04 (BD-22)			CONTRACT NO. 62D65				
			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			

VARIABLE - TO MEET EXISTING DIMENSIONS AND FIELD CONDITIONS (SEE NOTE ②)

PROP. CONC. CURB OR CURB AND GUTTER REPLACEMENT IN ACCORDANCE WITH STATE STANDARD 606001. (SEE NOTE ②)

SAW CUT FULL DEPTH - INCLUDED IN THE COST OF SIDEWALK, DRIVEWAY OR MEDIAN SURFACE REMOVAL PAY ITEM.

SEE STATE STANDARD 606001
EXISTING OR PROPOSED HMA SURFACE (IF APPLICABLE)

18" (450) MAX.

1/4" (5) **

EXISTING SIDEWALK, DRIVEWAY, MEDIAN SURFACE, SOD OR GROUND.

PROPOSED SIDEWALK, DRIVEWAY PAVEMENT, MEDIAN SURFACE OR SODDING SALT TOLERANT WITH TOP SOIL, 4" (100) SOD RESTORATION (SEE NOTE ①).

EXISTING CONCRETE PAVEMENT, CONCRETE BASE COURSE OR FLEXIBLE PAVEMENT

3" (75) MIN.

SUITABLE BACKFILL MATERIAL (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT)

PROPOSED 3/4" (20) PREFORMED EXPANSION JOINT AT CONCRETE SIDEWALKS, DRIVEWAYS, AND MEDIANS. (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.)

* 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.

UNSUITABLE SUB-BASE MATERIAL TO BE REMOVED, IF DIRECTED BY THE ENGINEER, SHALL BE REPLACED WITH EITHER SUB-BASE GRANULAR MATERIAL, TYPE B OR ADDITIONAL THICKNESS OF CONCRETE.

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.

REMOVAL AND REPLACEMENT 4" (100) OR LESS IS INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.

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.

REMOVAL AND REPLACEMENT IN EXCESS OF 4" (100) WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.

④ FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.

PROPOSED #6 (20) EPOXY COATED TIE BARS 24" (600) LONG AT 24" (600) CENTERS WILL NOT BE PAID FOR SEPARATELY. DELETE EPOXY COATED TIE BARS IF EXISTING TIE BARS ARE USABLE AS DETERMINED BY THE ENGINEER. (SEE NOTE ③).

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.

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".

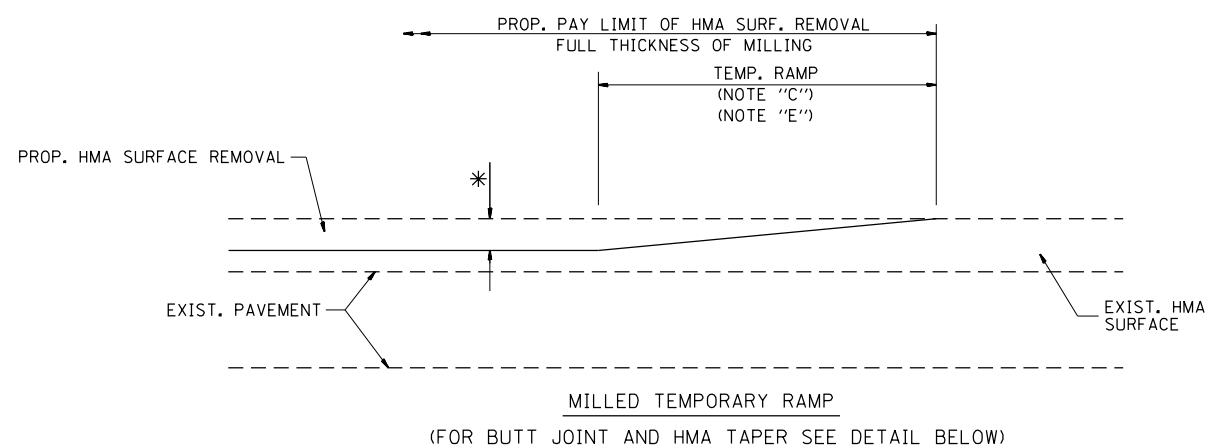
⑦ THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.

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.

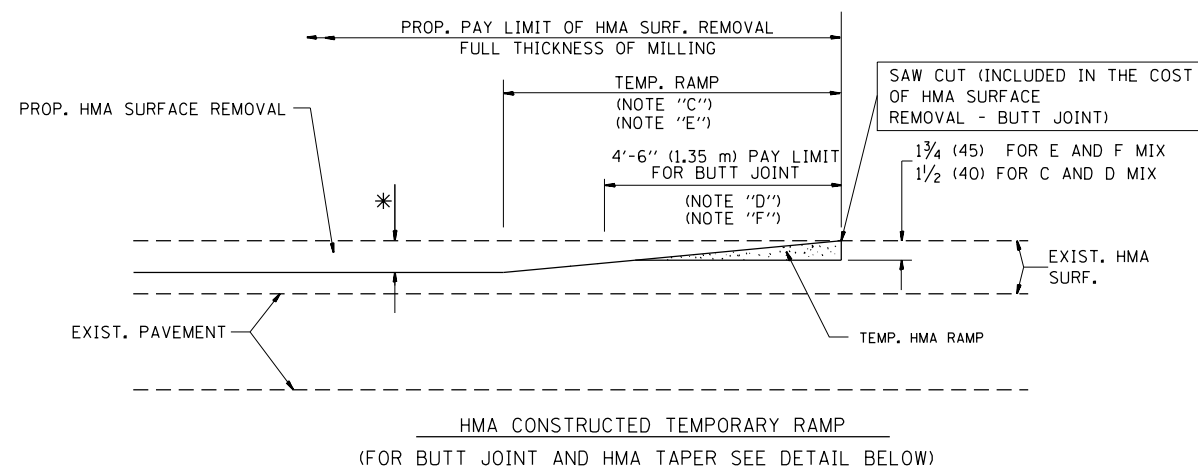
CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

FILE NAME =	USER NAME = tar1qfm	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10-03-96	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\DI074\Drawings\Design\Diststd.dgn		REVISIONS	REVISED - A. ABBAS 03-21-97					VAR.	3056B-R5-2	COOK	73	55
PLOT SCALE = 100.0002' / 1".	CHECKED -	REVISED - M. GOMEZ 01-22-01			BD600-06 (BD-24)			CONTRACT NO. 62D65				
PLOT DATE = 5/8/2018	DATE - 03-11-94	REVISED - R. BORO 12-15-09			SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		

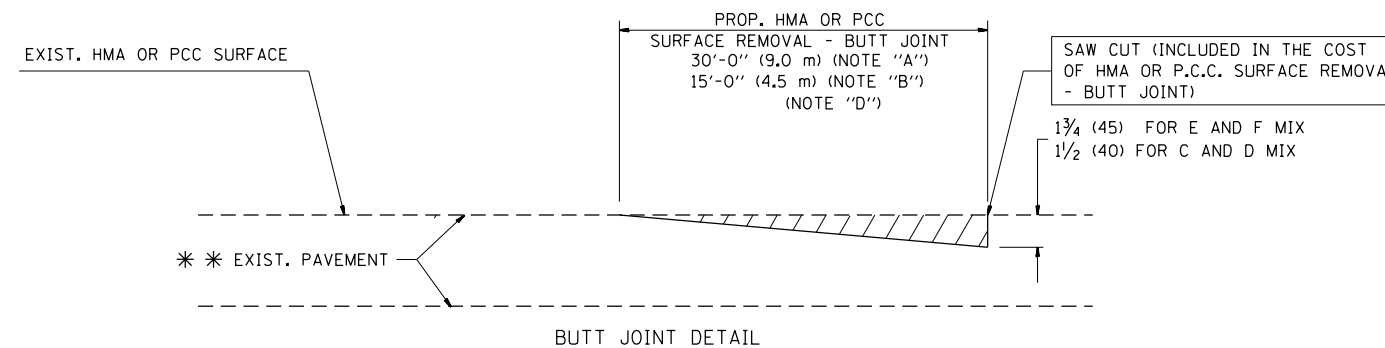


OPTION 1

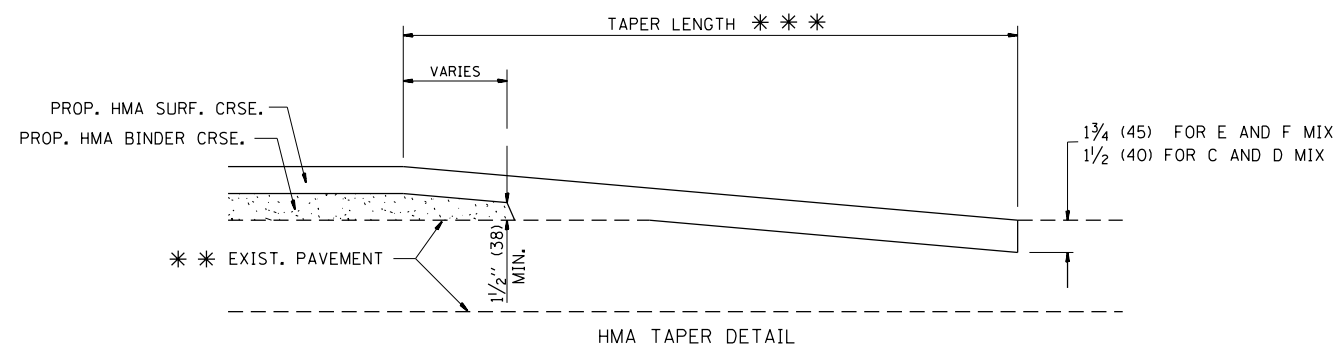


OPTION 2

TYPICAL TEMPORARY RAMP



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

* * PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

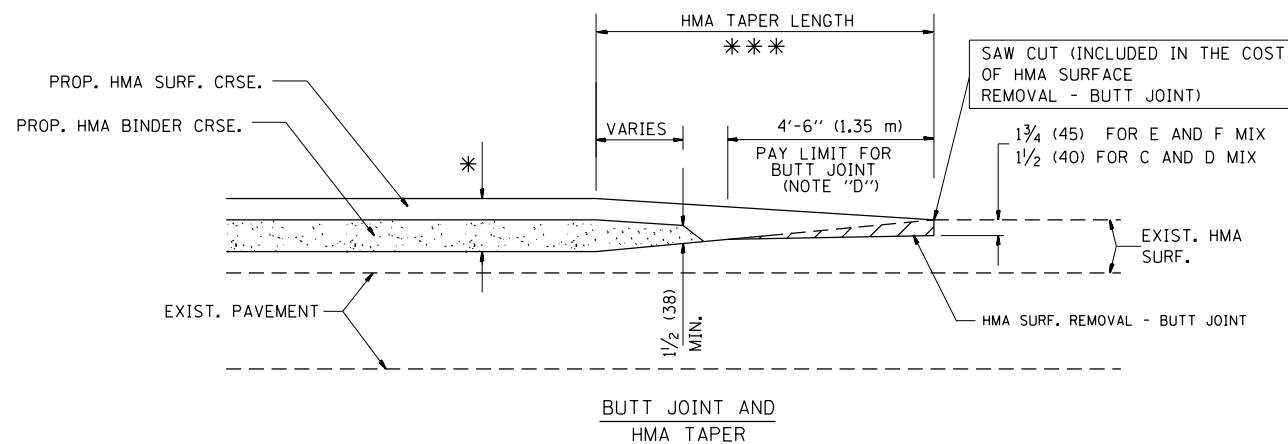
NOTES

- 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.



TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

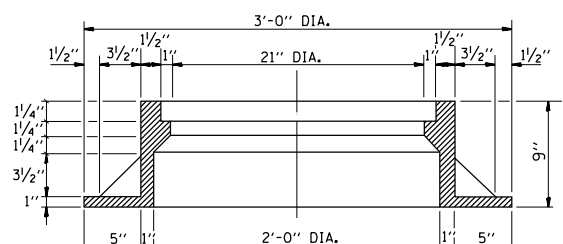
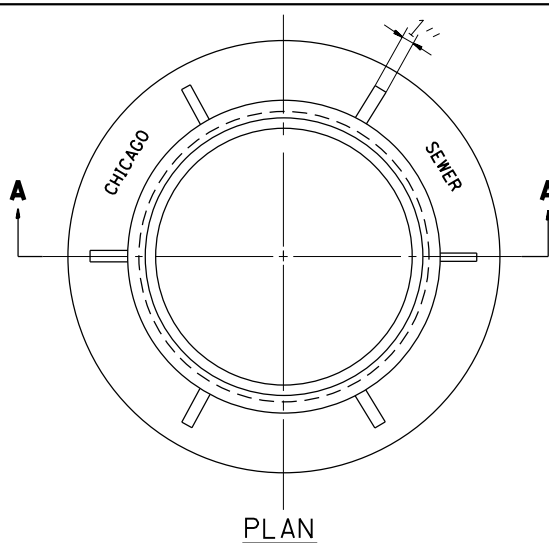
FILE NAME =	USER NAME = tar1qfm	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
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	PLOT SCALE = 100.0002' / 1"	CHECKED -	REVISED - R. BORO 01-01-07
	PLOT DATE = 5/8/2018	DATE - 06-13-90	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BUTT JOINT AND
HMA TAPER DETAILS**

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

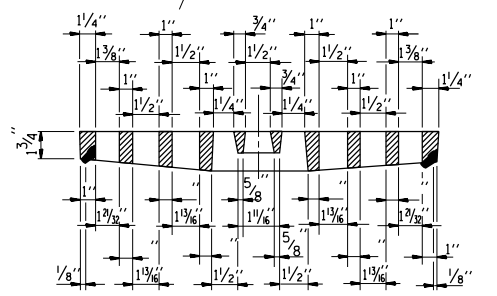
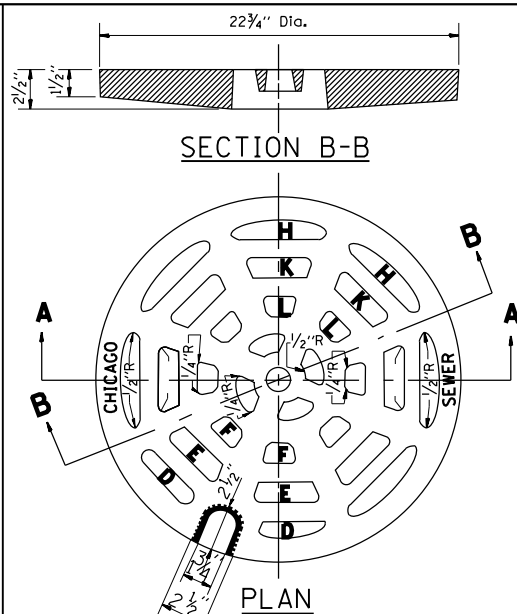
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	3056B-R5-2	COOK	73	56
BD400-05 BD32		CONTRACT NO. 62D65		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTE: METAL PLATES MUST BE FURNISHED FOR PERFORATED LIDS ON MANHOLES

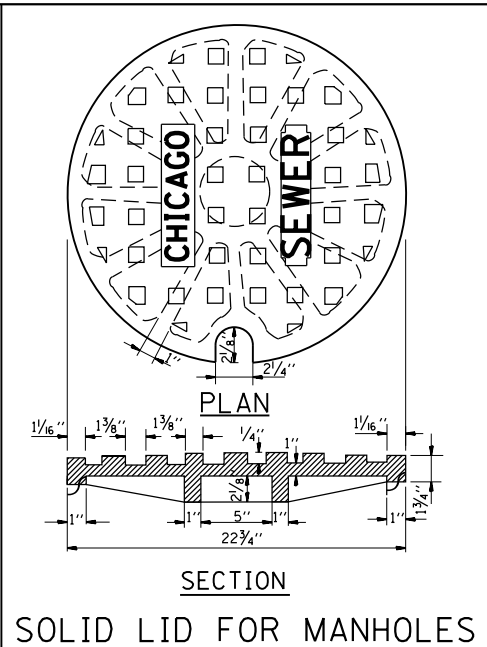
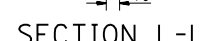
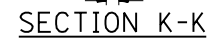
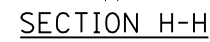
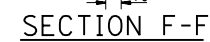
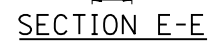
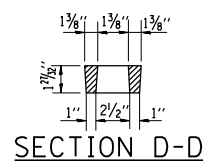
CHICAGO STANDARD MANHOLE FRAME

SCALE: 1/2"=1'-0"
MATERIAL: CAST IRON



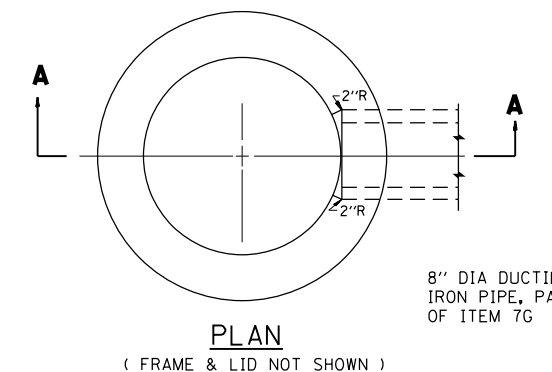
PERFORATED LID FOR CATCH BASINS & MANHOLES

SCALE: 2"=1'-0"
MATERIAL: CAST IRON

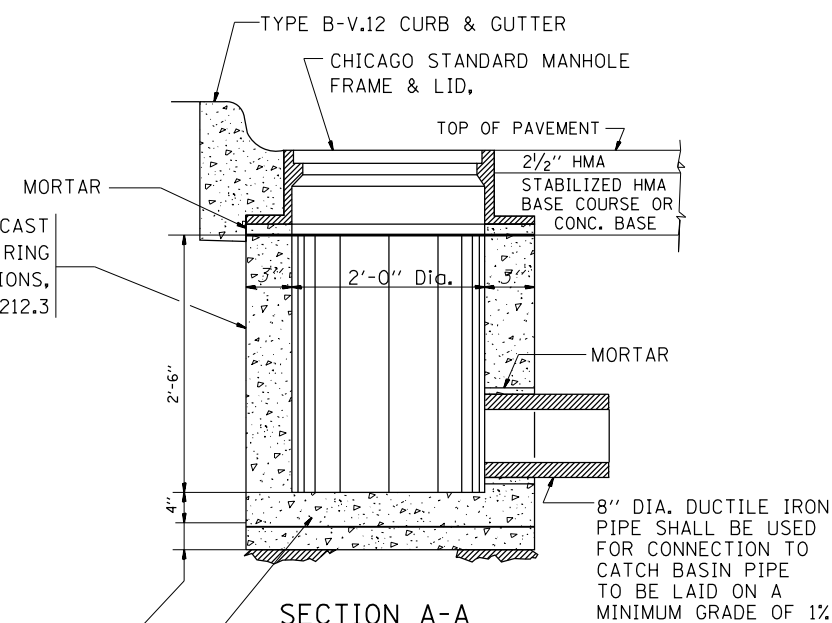


SOLID LID FOR MANHOLES

SCALE: NONE
MATERIAL: CAST IRON



8" DIA DUCTILE IRON PIPE, PART OF ITEM 7G

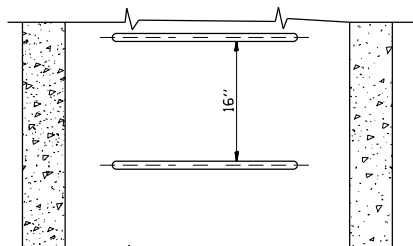
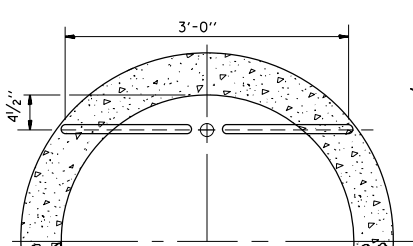


STANDARD INLETS

SCALE 1"= 1'-0"
ITEM 12

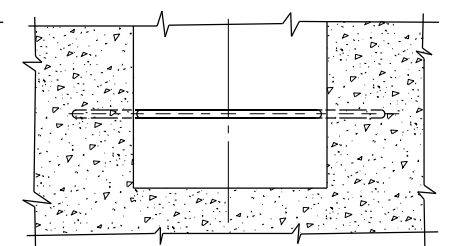
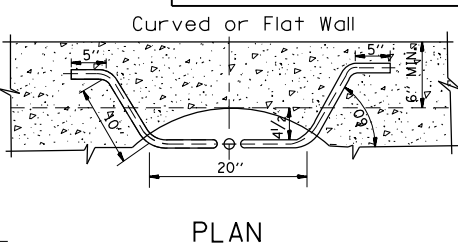
THIS INLET DETAIL IS SOMETIMES REFERRED TO AS "CHICAGO STANDARD INLET, TYPE A"

NOTE:
INLETS SHALL NOT BE CONSTRUCTED UNLESS IT IS IMPOSSIBLE TO CONSTRUCT A CATCH BASIN. THE CONTRACTOR SHALL HAVE THE DEPARTMENT OF SEWERS APPROVAL BEFORE CONSTRUCTING INLETS.



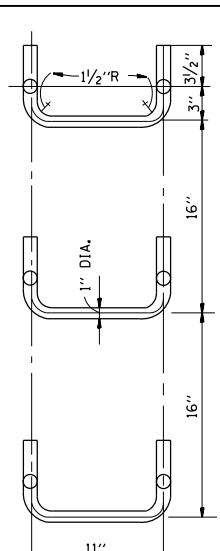
TYPE X

SCALE: 1"=1'-0"



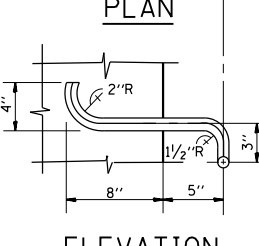
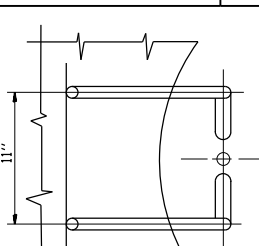
TYPE Y

SCALE: 1"=1'-0"



HANDHOLD-TYPE Z RUNG

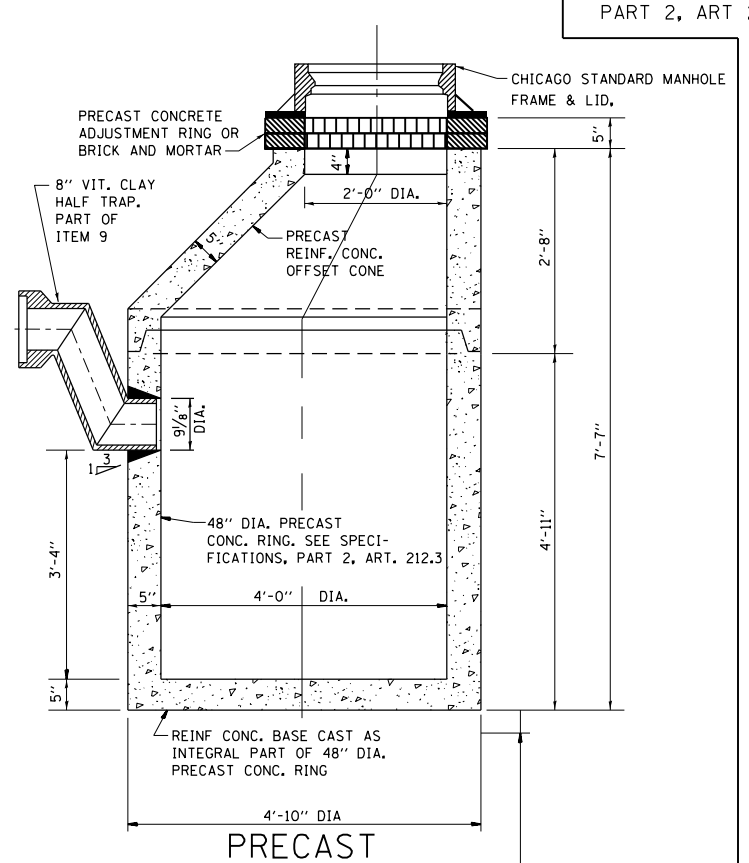
Scale: 1/2"=1'-0"



ELEVATION

STANDARD LADDER RUNGS

ALL LADDER RUNGS SHALL BE ALUMINUM OR GALVANIZED WROUGHT IRON AS SPECIFIED IN THE SPECIFICATIONS, PART 2, ARTICLE 214.2. RUNGS SHALL BE 1" DIAMETER OR OF A SHAPE HAVING AN EQUIVALENT CROSS-SECTIONAL AREA.



NOTE:
6" MINIMUM GRANULAR EMBEDMENT UNDER ALL CATCH BASINS

STANDARD CATCH BASINS

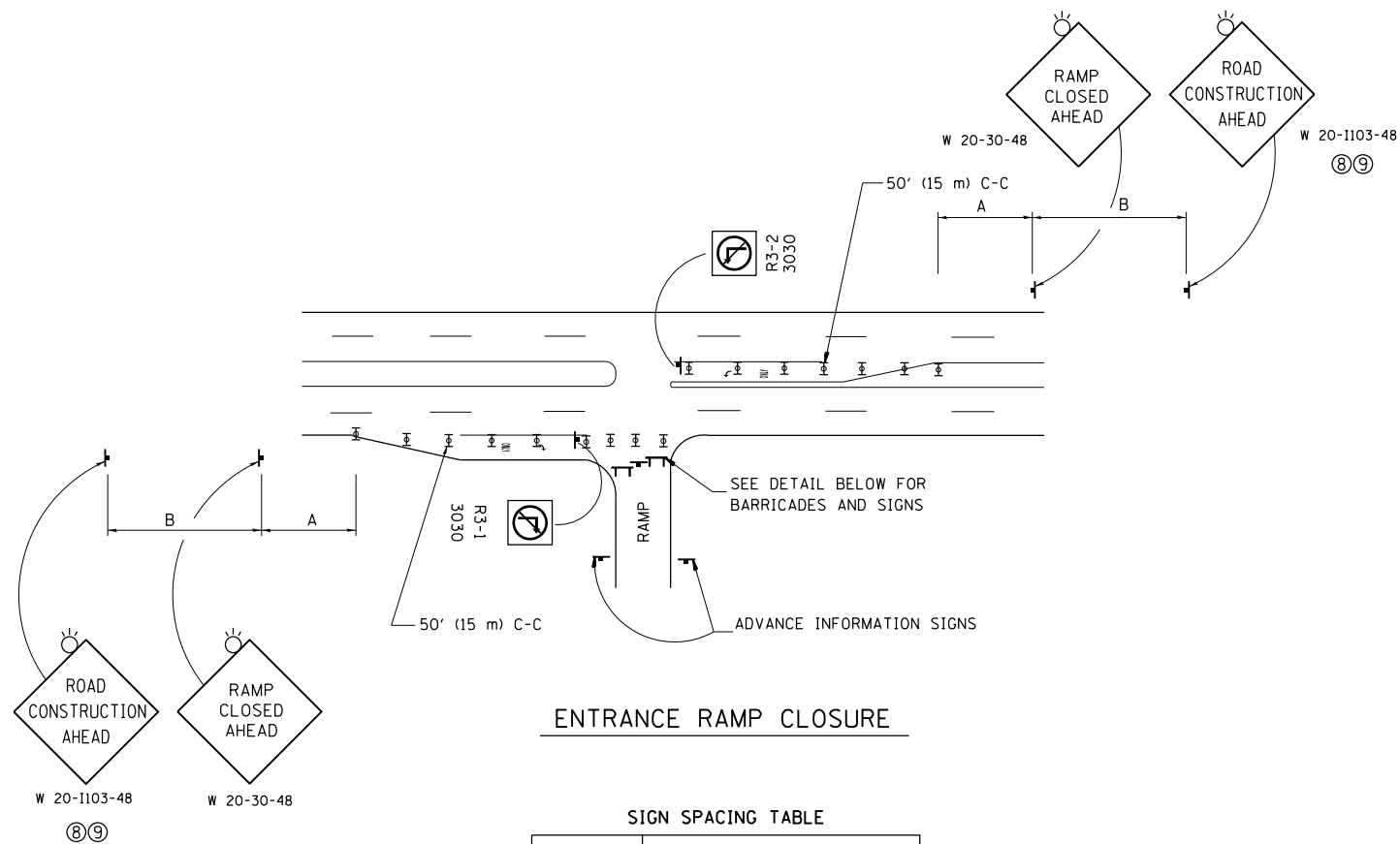
SCALE: 3/4"= 1'-0"
ITEM 9

FILE NAME =	USER NAME = tar1qfm	DESIGNED - M. GOMEZ	REVISED -
pw\1\084EBIDINTEG.illinois.gov\PWIDOT\Documents\DOT Offices\District 1\Projects\DI074\Drawings\Design\Diststd.dgn		CHECKED -	REVISED -
		DATE - 01-25-01	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**CITY OF CHICAGO
CATCH BASIN, INLET AND MANHOLE DETAILS**
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	3056B-R5-2	COOK	73	57
	BD600-13 (BD47)	CONTRACT NO. 62D65		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

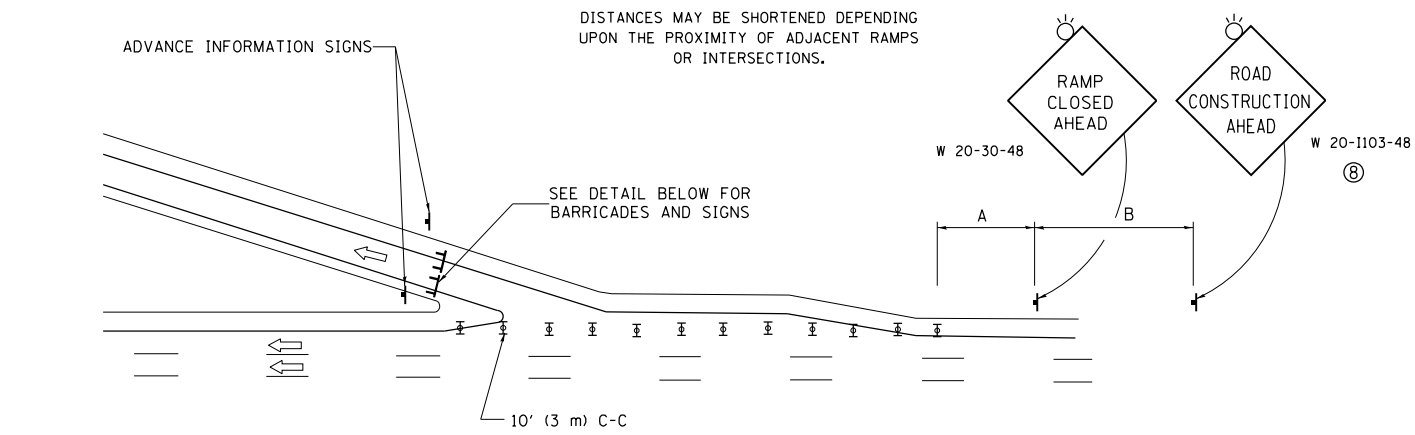


ENTRANCE RAMP CLOSURE

SIGN SPACING TABLE

FACILITY	DISTANCE BETWEEN SIGNS	
	A	B
EXPRESSWAY >24 HOURS	1000' (300 m)	1500' (450 m)
EXPRESSWAY <24 HOURS	500' (150 m)	500' (150 m)
ARTERIAL 55 MPH	500' (150 m)	500' (150 m)
ARTERIAL 50-45 MPH	350' (100 m)	350' (100 m)
ARTERIAL <45 MPH	200' (60 m)	200' (60 m)

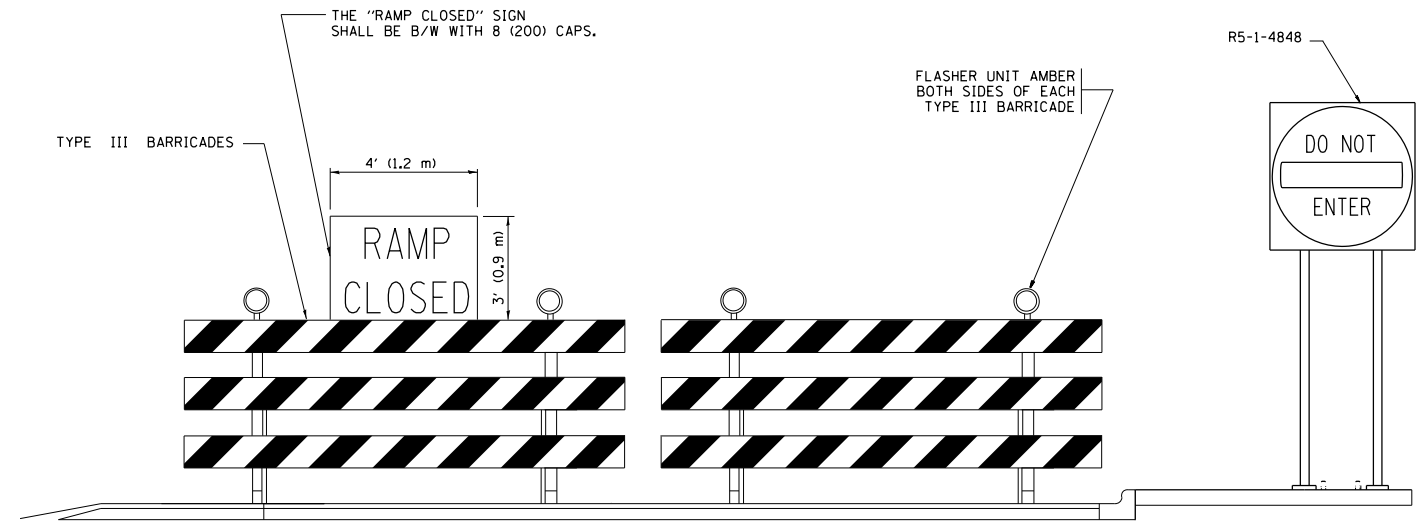
DISTANCES MAY BE SHORTENED DEPENDING UPON THE PROXIMITY OF ADJACENT RAMPS OR INTERSECTIONS.



EXIT RAMP CLOSURE

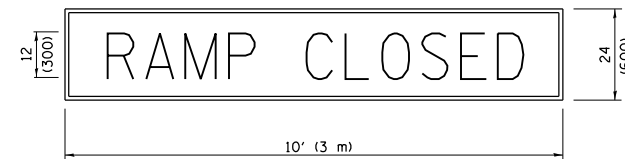
SYMBOLS

- ⊥ TYPE II BARRICADE OR DRUM
- ⊥ TYPE III BARRICADE WITH 2 FLASHING LIGHTS



DETAIL FOR REQUIRED BARRICADES & SIGNS

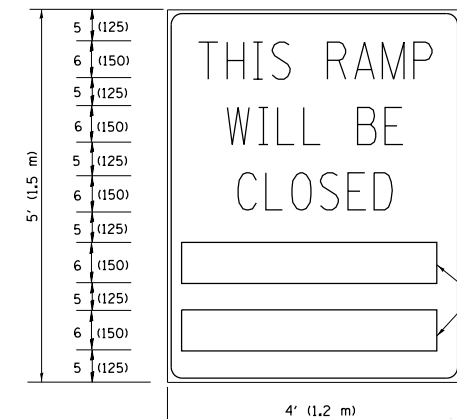
RAMP CLOSURE ADVANCE WARNING SIGN



BLACK LEGEND ON ORANGE BACKGROUND MOUNTED DIAGONALLY
E MOD FONT
1 (25) BORDER

THESE SIGNS ARE REQUIRED ON ALL THE EXIT GUIDE SIGNS FOR EXIT RAMPS THAT WILL BE CLOSED FOR MORE THAN FOUR (4) CONSECUTIVE DAYS.

RAMP CLOSURE ADVANCE INFORMATION SIGN



BLACK LEGEND ON WHITE BACKGROUND
1/2 (12) BORDER
E MOD FONT

THESE BLANK AREAS SHALL BE FILLED WITH THE DATES AND THE TIME THAT THE RAMP WILL BE CLOSED.

THESE SIGNS ARE REQUIRED ON BOTH SIDES OF THE RAMP, MINIMUM OF 1 WEEK IN ADVANCE OF THE CLOSURE.

THESE SIGNS SHALL BE FABRICATED AND PAID FOR ACCORDING TO THE TEMPORARY INFORMATION SIGNING SPECIAL PROVISION

GENERAL NOTES:

- ① CONES MAY BE SUBSTITUTED FOR DRUMS OR TYPE II BARRICADES DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (700) HIGH.
- ② VERTICAL BARRICADES SHALL NOT BE USED FOR RAMP CLOSURES.
- ③ A FLAGGER SHALL BE POSITIONED AT EACH CLOSED RAMP THAT IS OPEN TO CONSTRUCTION VEHICLES, PRECEDED BY A W20-7 FLAGGER WARNING SIGN.
- ④ ALL ROUTE MARKERS AND TRAILBLAZER ASSEMBLIES WHICH DIRECT MOTORISTS TO A CLOSED ENTRANCE RAMP SHALL BE COVERED WHEN THE RAMP IS CLOSED FOR MORE THAN FOUR (4) DAYS.
- ⑤ THE SIGNING AND BARRICADING WHICH IS REQUIRED BY THIS DETAIL SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS).
- ⑥ AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL RAMP CLOSURES.
- ⑦ THE RAMP CLOSURE ADVANCE INFORMATION SIGNS SHALL BE ERECTED IF THE CLOSURE TIME EXCEEDS TWENTY-FOUR (24) HOURS. ADDITIONAL ADVANCE WARNING SIGNS ON EXIT GUIDE SIGNING WILL BE REQUIRED FOR EXIT RAMP CLOSURES THAT EXCEED FOUR (4) DAYS IN LENGTH.
- ⑧ ROAD CONSTRUCTION AHEAD SIGNS MAY BE OMITTED WHEN THIS DETAIL IS USED IN CONJUNCTION WITH OTHER TRAFFIC CONTROL THAT ALREADY INCLUDES A ROAD CONSTRUCTION AHEAD SIGN.
- ⑨ ARTERIAL ROAD CONSTRUCTION AHEAD SIGNS SHALL BE INSTALLED ON THE LEFT SIDE OF TRAFFIC IF THE MEDIAN IS MORE THAN 10 FT WIDE.

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

FILE NAME =	USER NAME = toriafm	DESIGNED - D.W.S.	REVISED - S.P.B. 01-07
pw\l\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\1074\Drawings\Design\Diststd.dgn		CHECKED -	REVISED - S.P.B. 12-09
Default	PLOT SCALE = 100.0002' / 1in.	DATE - 02-83	REVISED - M.D. 06-13
	PLOT DATE = 5/8/2018		REVISED - M.D. 01-18

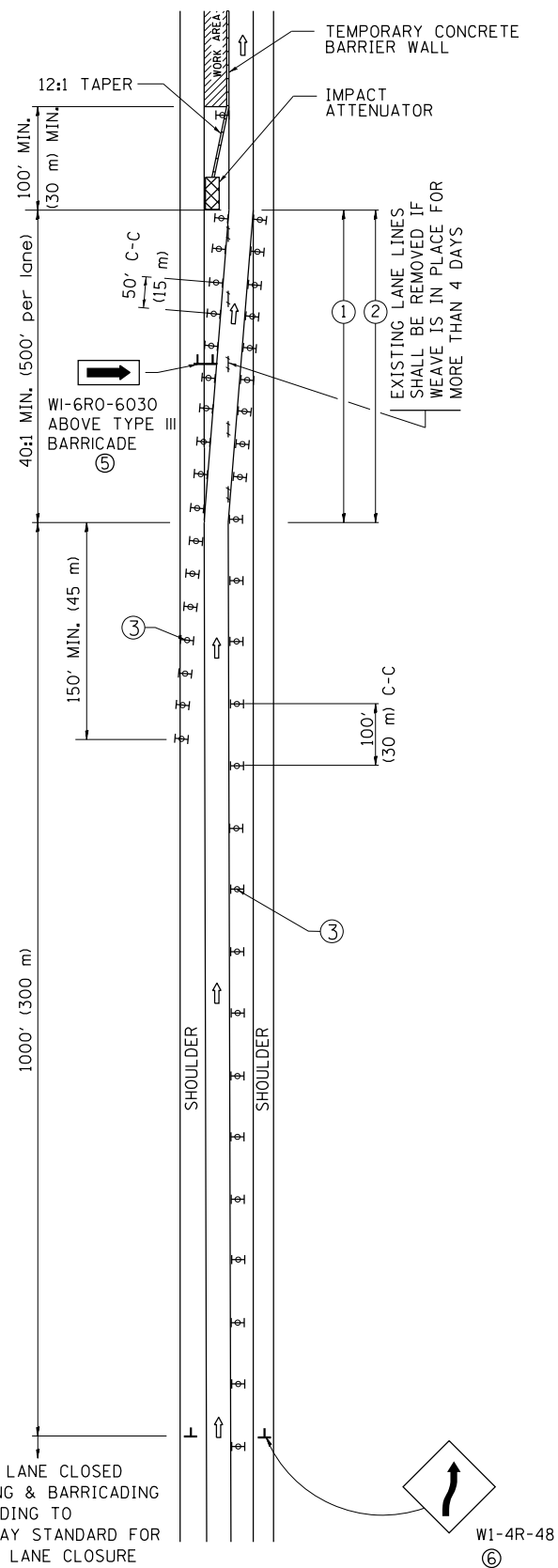
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ENTRANCE AND EXIT RAMP
CLOSURE DETAILS**

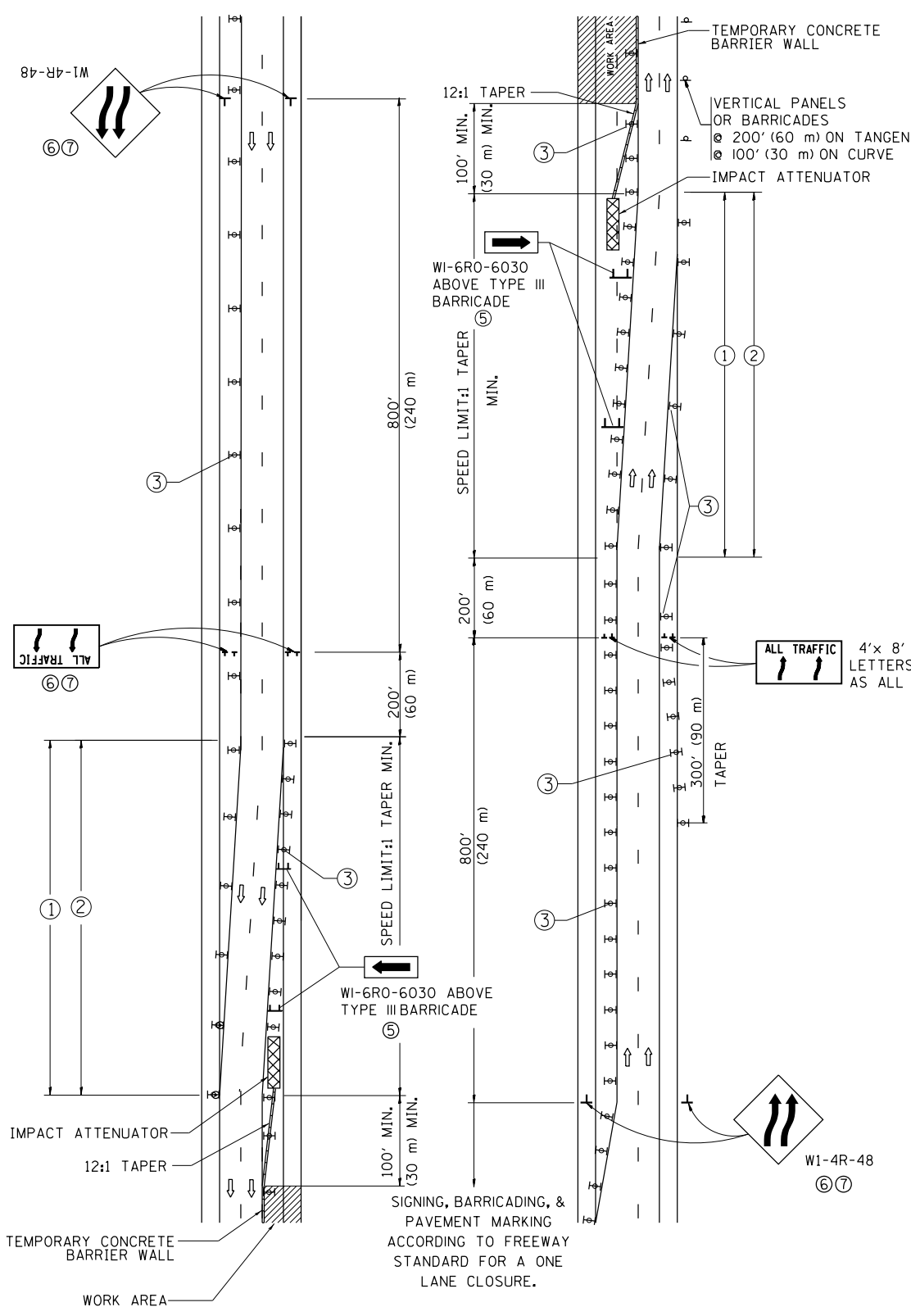
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	3056B-R5-2	COOK	73	59
TC-08		CONTRACT NO. 62D65		
ILLINOIS FED. AID PROJECT				

SINGLE LANE WEAVE



MULTI-LANE WEAVE



GENERAL NOTES

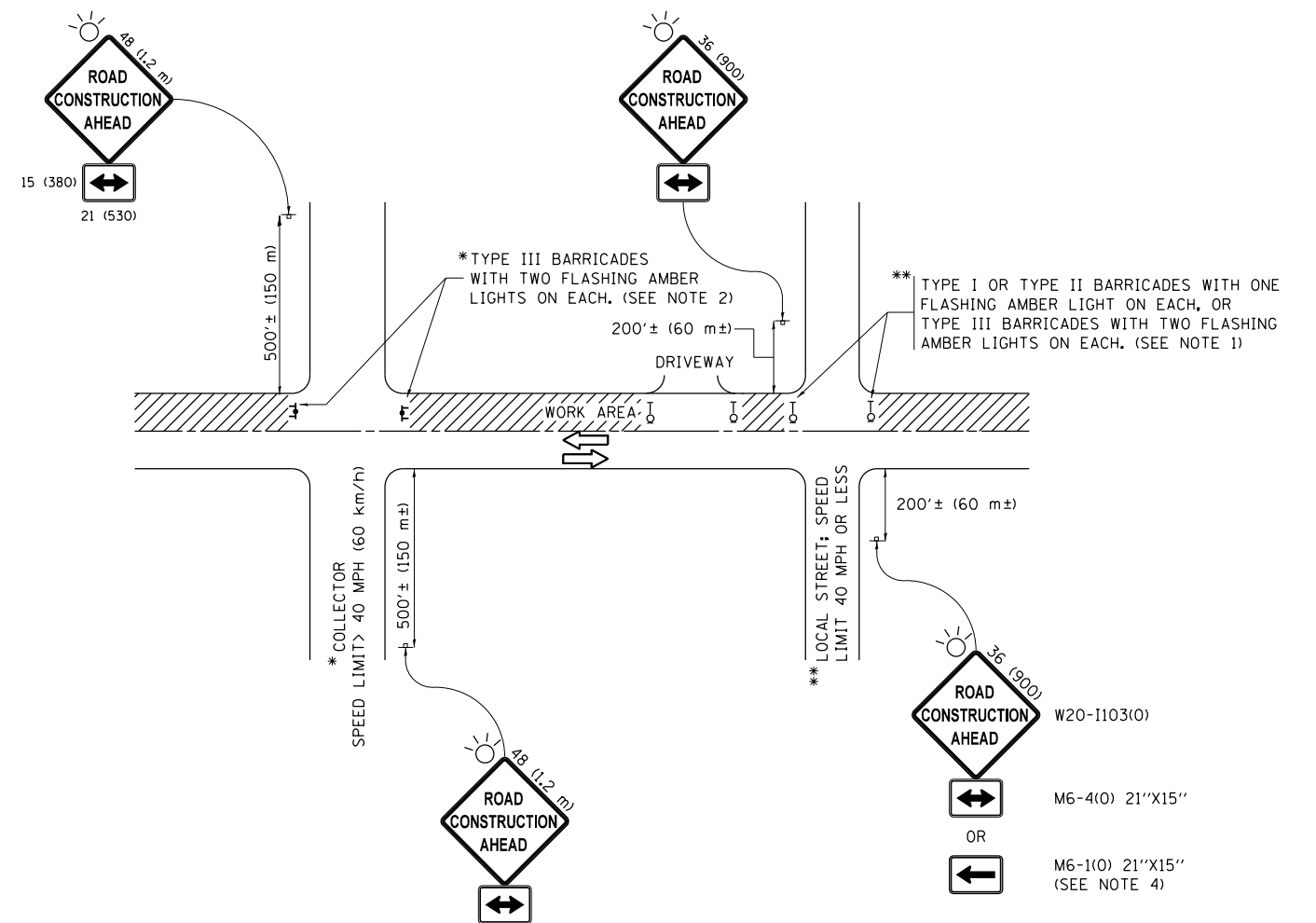
- EXISTING CONFLICTING PAVEMENT MARKING LINES SHALL BE REMOVED. PAVEMENT MARKING REMOVAL SHALL NOT BE REQUIRED FOR SINGLE LANE WEAVES UNDER 4 DAYS IN DURATION.
- CONTINUOUS REFLECTIVE TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE TAPER AND FOR 300' (90 m) ALONG SIDE THE WORK AREA WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS. THE LEFT EDGE LINE SHALL BE YELLOW AND THE RIGHT EDGE LINE SHALL BE WHITE. FOR MULTI-LANE WEAVES LANE LINES SHALL BE 5 INCH, 10'-30' (3 m-9 m) SKIP DASH, WHITE.
- PLASTIC DRUMS WITH STEADY BURN LIGHTS AT 50' (15 m) C-C SPACING IN TAPERS AND 100' (30 m) C-C SPACING IN TANGENTS.
- ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- TYPE III BARRICADES MAY BE OMITTED FOR SINGLE-LANE WEAVES UNDER 24-HOURS IN DURATION. W1-6 SIGNS WILL STILL BE REQUIRED. IF THE WIDTH OF OFFSET IS LESS THAN 6' THEN THE TYPE III BARRICADE WITH ATTACHED ARROW SIGN PANEL CAN BE ELIMINATED IN THE TAPER AREAS.
- WHEN THE LENGTH OF THE SHIFTED SEGMENT (DISTANCE BETWEEN WEAVE POINTS) IS LESS THAN 1500', DOUBLE REVERSE CURVE SIGNS (W24-1) SHOULD BE USED INSTEAD OF THE REVERSE CURVE (W1-4) SIGNS. ARROWS ON THE 4'X8' "ALL TRAFFIC" SIGNS SHALL BE THE SAME SHAPE.
- THE NUMBER OF ARROWS ON THESE SIGNS SHALL MATCH THE NUMBER OF LANES OPEN TO TRAFFIC.

SYMBOLS

- DIRECTION OF TRAFFIC
- WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE II BARRICADE OR DRUM WITH MONO-DIRECTIONAL STEADY BURNING LIGHT
- TEMPORARY CONCRETE BARRIER WALL
- IMPACT ATTENUATOR
- W1-4R-48 (6, 7)
- W24-1-48 (7)

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME =	USER NAME = toriafm	DESIGNED - DWS	REVISED - JAF 02-06	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL DETAILS FOR FREEWAY SINGLE & MULTI-LANE WEAVE			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\11\084EBIDINTEG.illinois.gov\PIWIDT\Documents\DOT Offices\District 1\Projects\DI074\Drawings\Design\Diststd.dgn	PLOT SCALE = 100.0002' / 1" =	CHECKED -	REVISED - SPB 01-07					VAR.	3056B-R5-2	COOK	73	60
PLOT DATE = 5/8/2018	DATE - 02-87	REVISED - MD 06-13	REVISED - SPB 12-09		TC-09		CONTRACT NO. 62D65		FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			
					SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.				



NOTES:

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

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

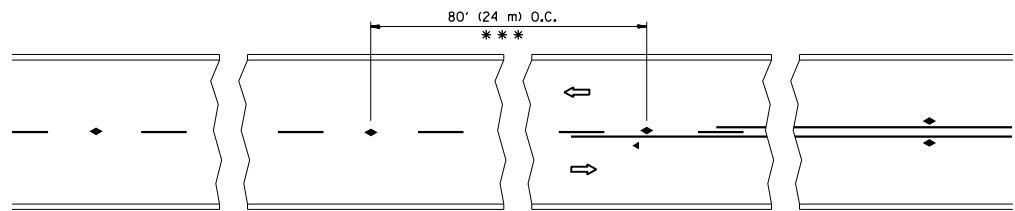
FILE NAME =	USER NAME = toriafm	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96
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Default	PLOT SCALE = 100.0002' / in.	DATE - 06-89	REVISED - A. SCHUETZE 07-01-13
	PLOT DATE = 5/8/2018		REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

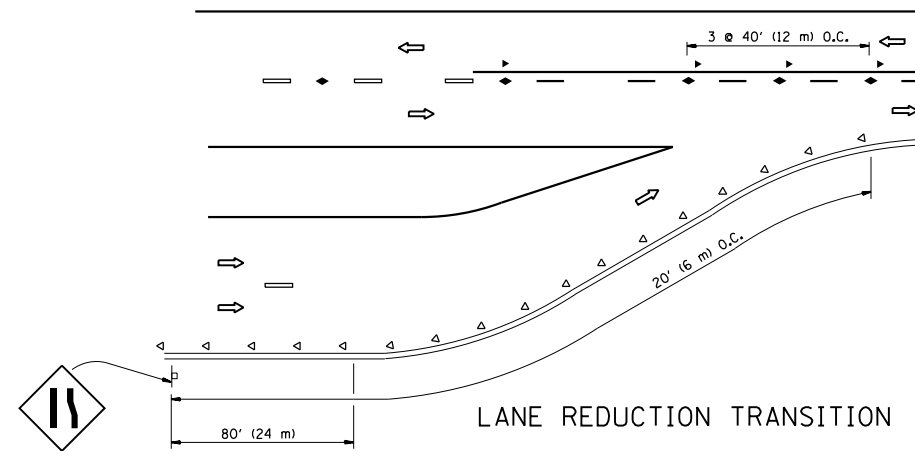
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	3056B-R5-2	COOK	73	61
TC-10			CONTRACT NO. 62D65	
ILLINOIS FED. AID PROJECT				

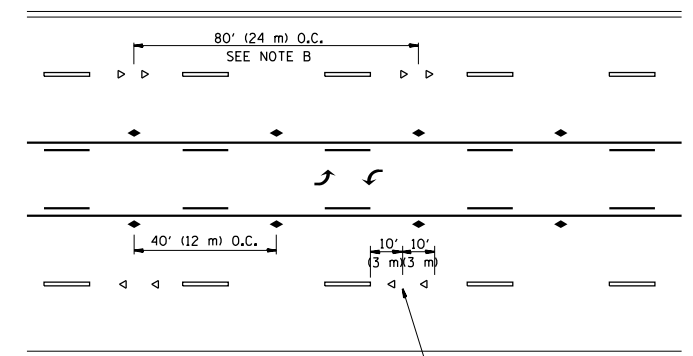


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

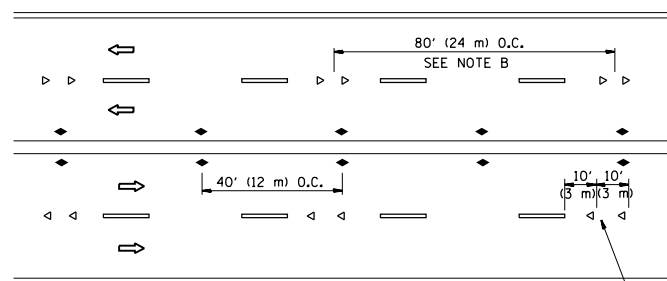
TWO-LANE/TWO-WAY



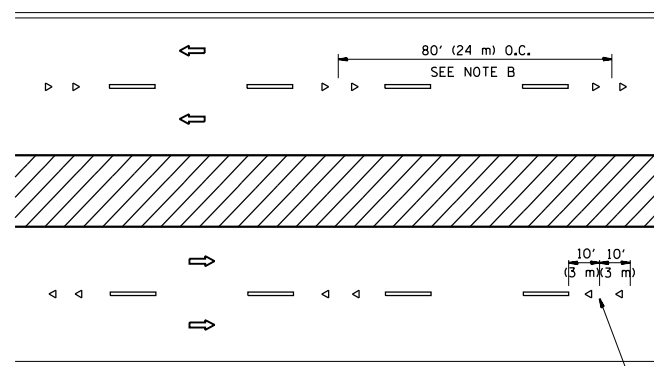
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

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

SYMBOLS

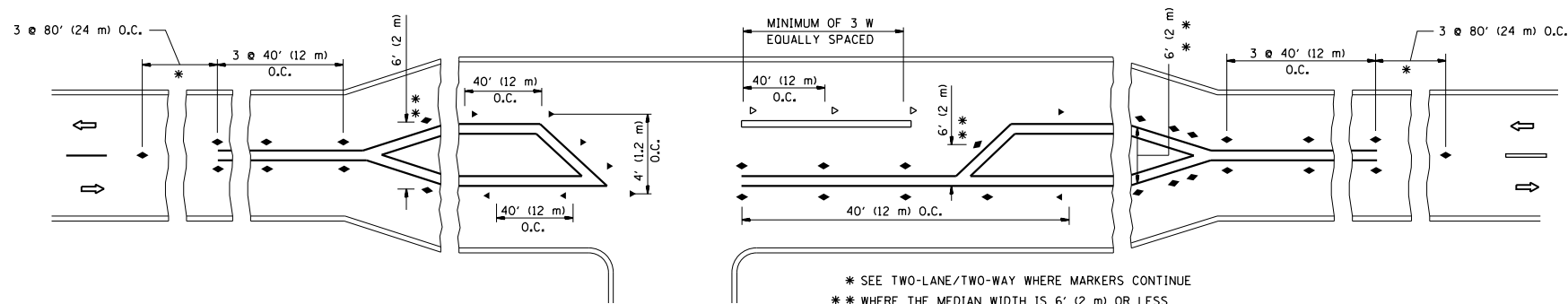
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

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

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.



LEFT TURN

* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE
 ** WHERE THE MEDIAN WIDTH IS 6' (2 m) OR LESS USE TWO-WAY MARKERS.

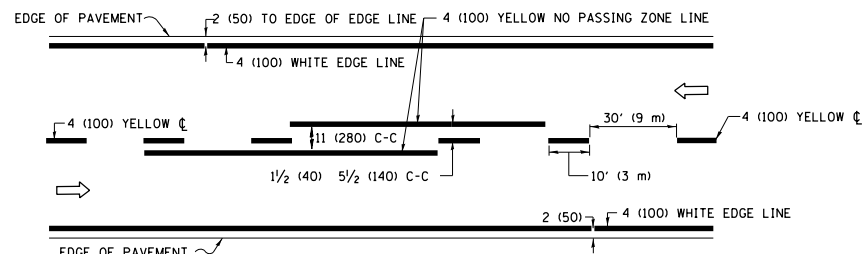
All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = tar1qfm	DESIGNED -	REVISED - T. RAMMACHER 09-19-94
pw:\11\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\DI074\Drawings\Design\Diststd.dgn		CHECKED -	REVISED - T. RAMMACHER 03-12-99
		DATE -	REVISED - T. RAMMACHER 01-06-00
			REVISED - C. JUCIUS 09-09-09

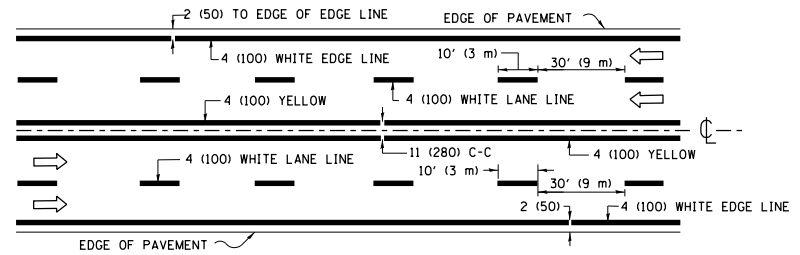
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

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

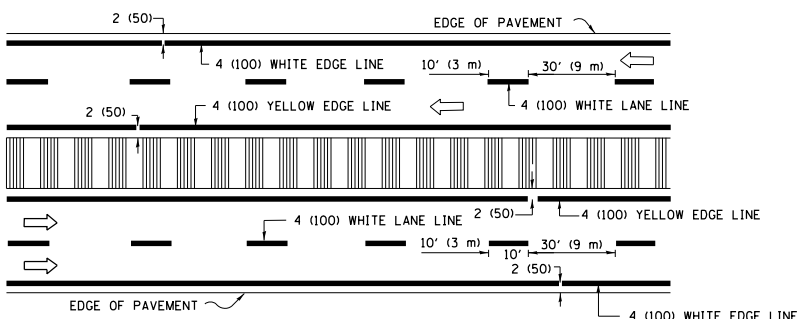
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	3056B-R5-2	COOK	73	62
TC-11			CONTRACT NO. 62D65	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

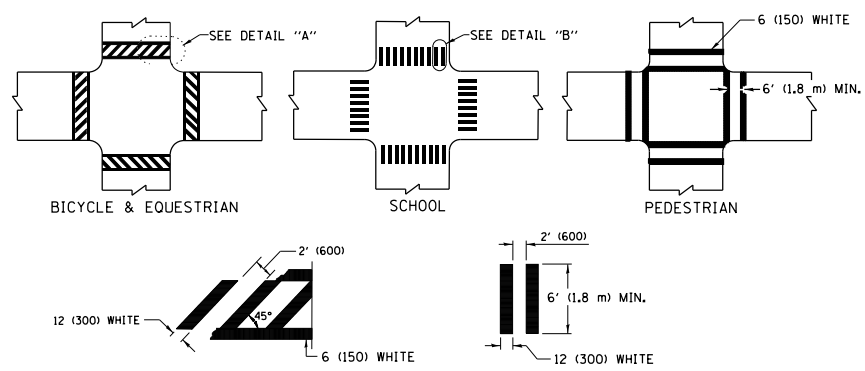


MULTI-LANE UNDIVIDED



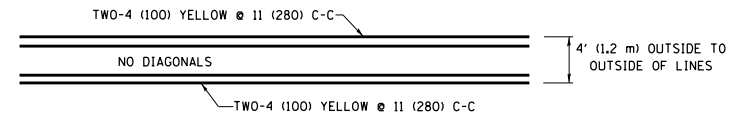
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

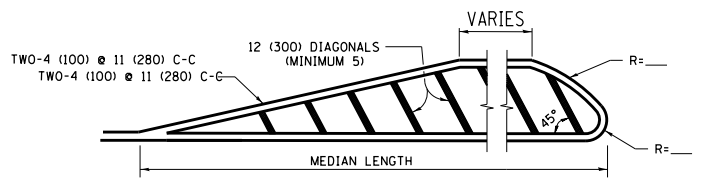


TYPICAL CROSSWALK MARKING

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

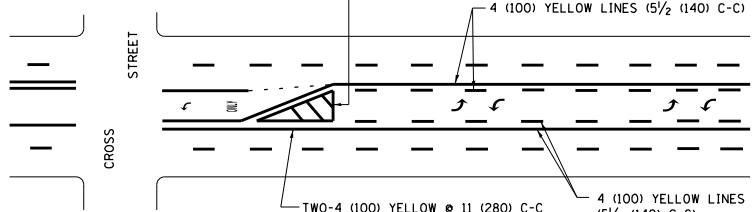


4' (1.2 m) WIDE MEDIANS ONLY



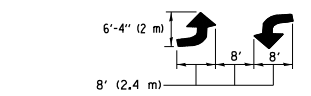
MEDIANS OVER 4' (1.2 m) WIDE

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))



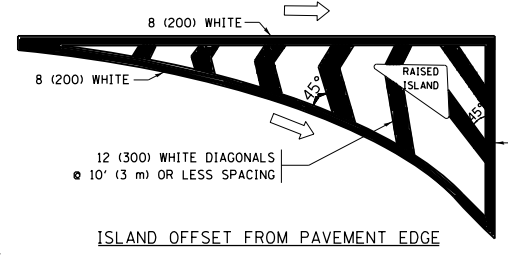
MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING

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

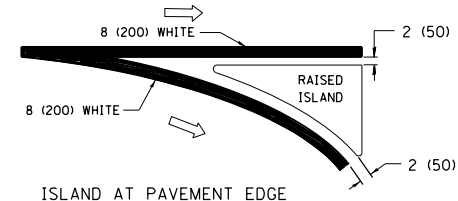


TYPICAL LEFT (OR RIGHT) TURN LANE TYPICAL TURN LANE MARKING

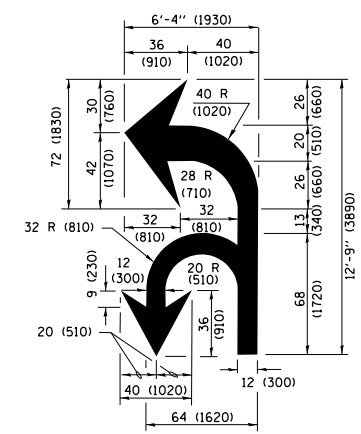
FULL SIZE LETTERS 8" (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".



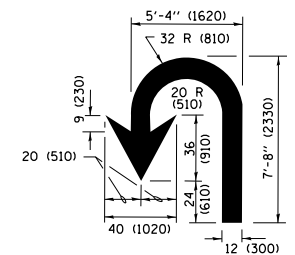
ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION

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

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

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING /REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5 1/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 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 = toriqm	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
pw\1\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\01074\Drawings\Design\Diststd.dgn		CHECKED -	REVISED - C. JUCIUS 07-01-13
Default	PLOT SCALE = 100.0002' / in.	DATE - 03-19-90	REVISED - C. JUCIUS 12-21-15
	PLOT DATE = 5/8/2018		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. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	3056B-R5-2	COOK	73	63
TC-13		CONTRACT NO. 62D65		
ILLINOIS FED. AID PROJECT				

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

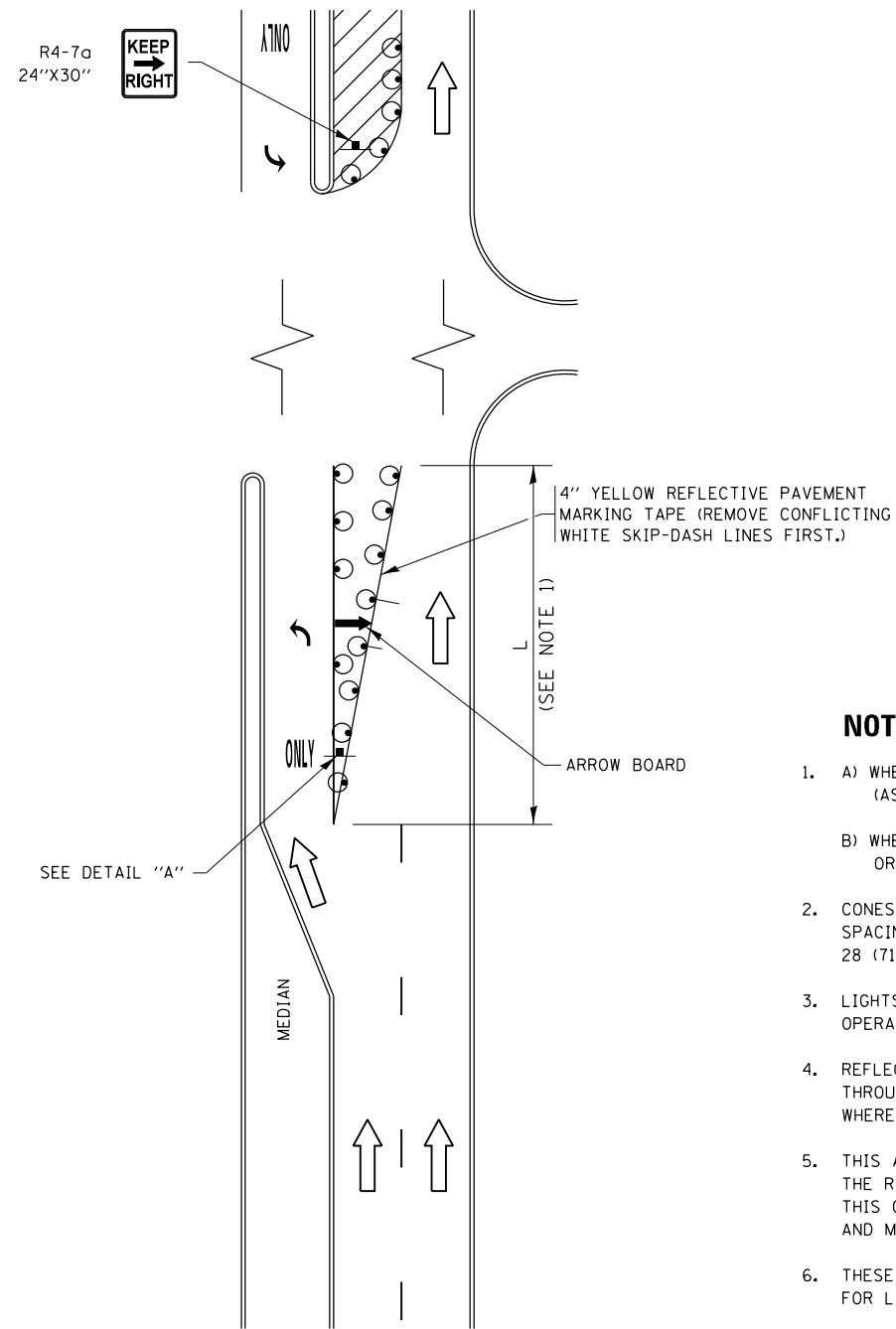


FIGURE 1

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

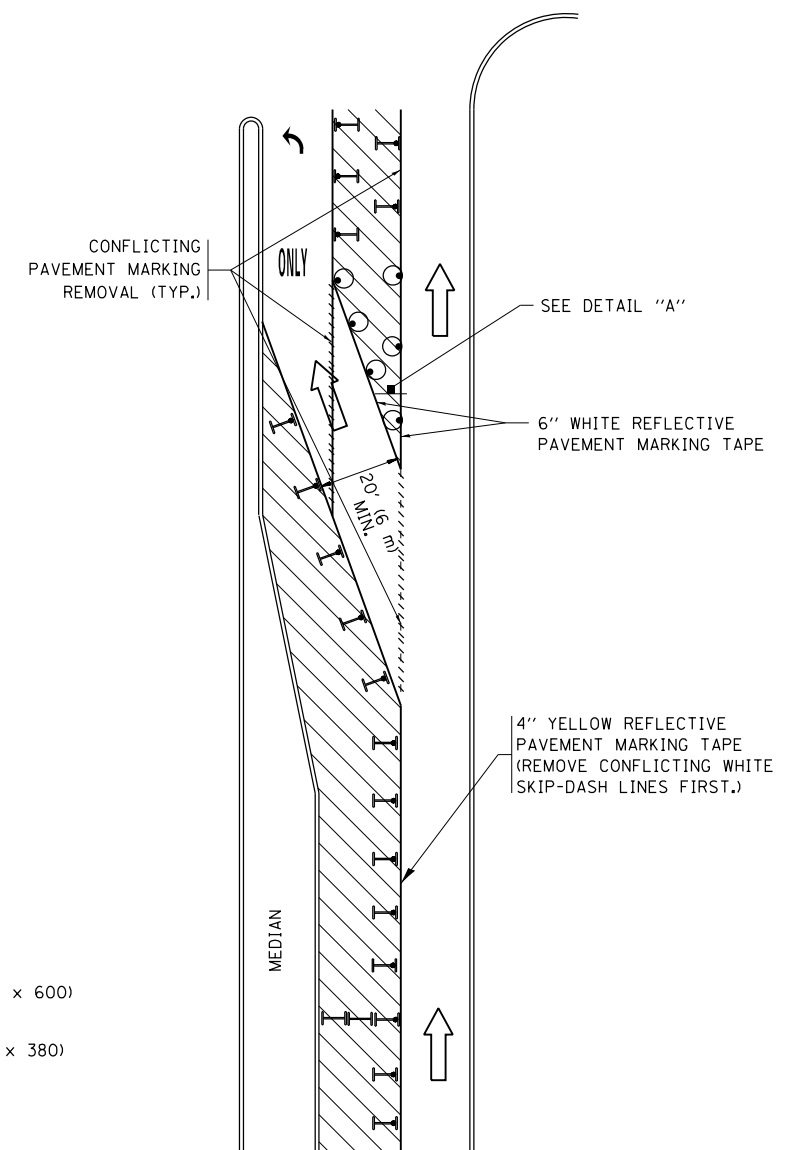
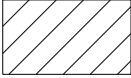








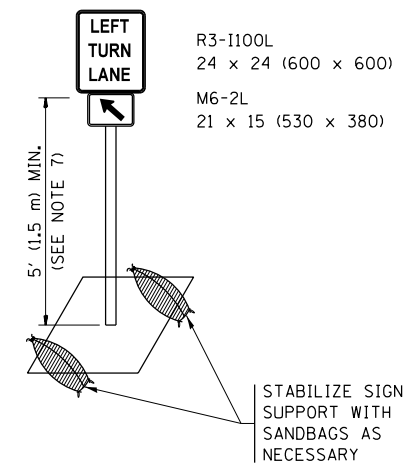
FIGURE 2

LEGEND

-  WORK AREA
-  LANE OPEN TO TRAFFIC
-  ARROW BOARD
-  TYPE I OR II BARRICADE OR DRUM WITH STEADY BURN LIGHT
-  DRUM WITH STEADY BURN LIGHT
-  SIGN ASSEMBLY
-  TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

NOTES:

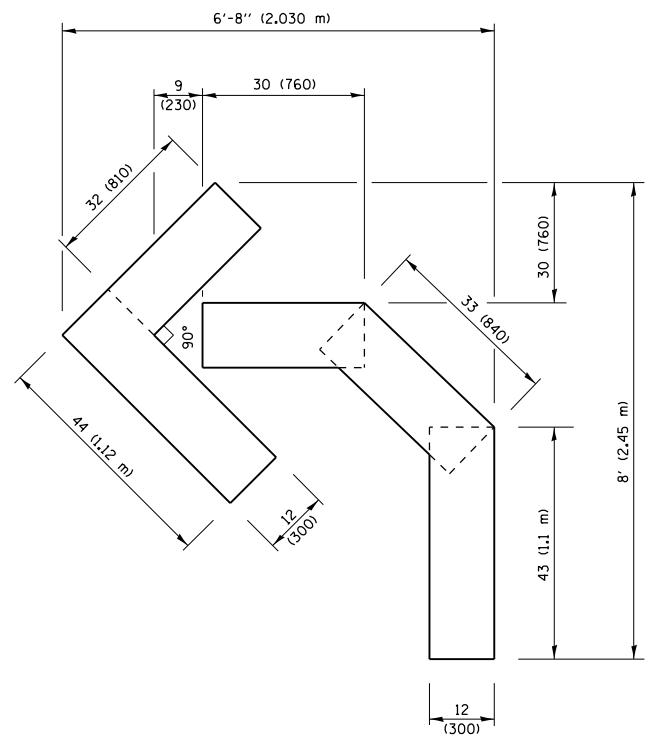
1. A) WHEN "L" IS \leq THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.
B) WHEN "L" IS $>$ THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. 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.



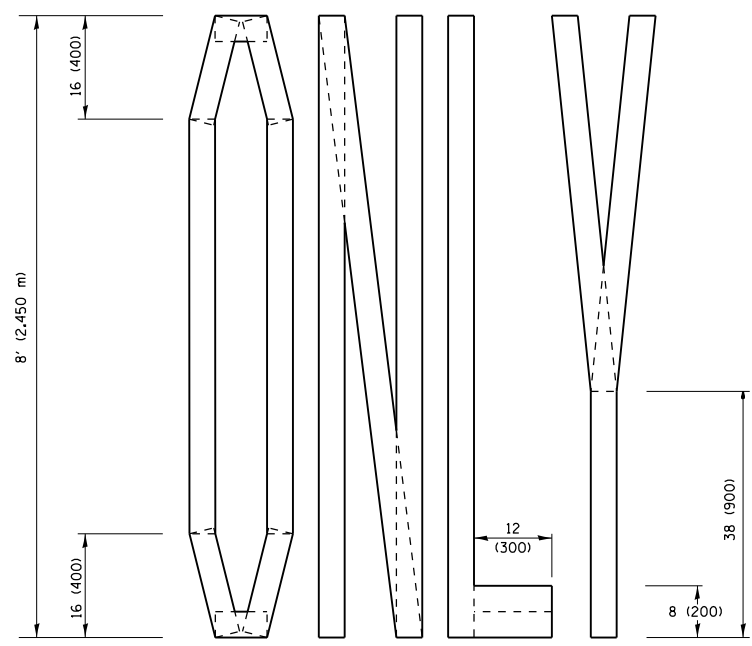
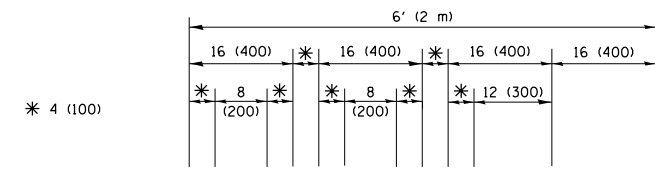
DETAIL A

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

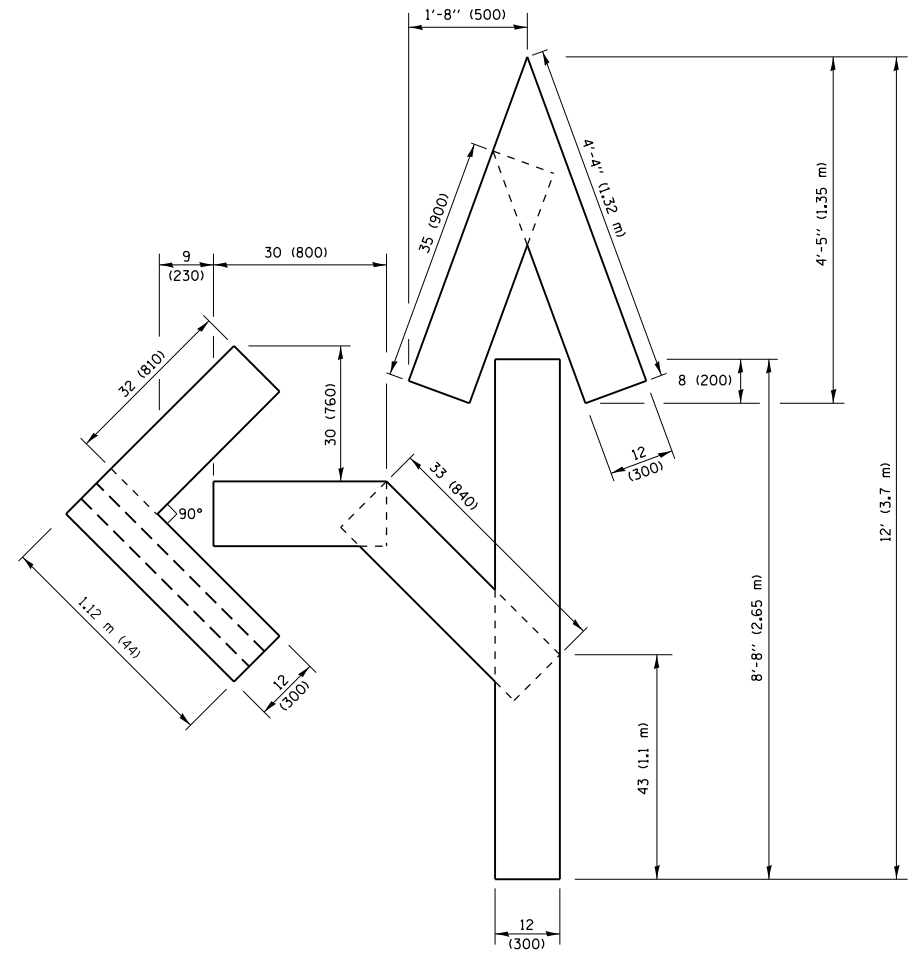
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pw:\IL\084EBIDINTEG\illinois.gov\PIDOT\Documents\IDOT Offices\District 1\Projects\1074\REVISED Design\HOUSEH 11-07-95	REVISED - A. HOUSEH 11-07-95	REVISED - A. SCHUETZE 07-01-13	REVISED - A. SCHUETZE 07-01-13			VAR.	3056B-R5-2	COOK	73	64	
Default	PLOT SCALE = 100.0002' / in.	REVISED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16			TC-14		CONTRACT NO. 62D65			
	PLOT DATE = 5/8/2018	REVISED - T. RAMMACHER 01-06-00	REVISED -			ILLINOIS FED. AID PROJECT					



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

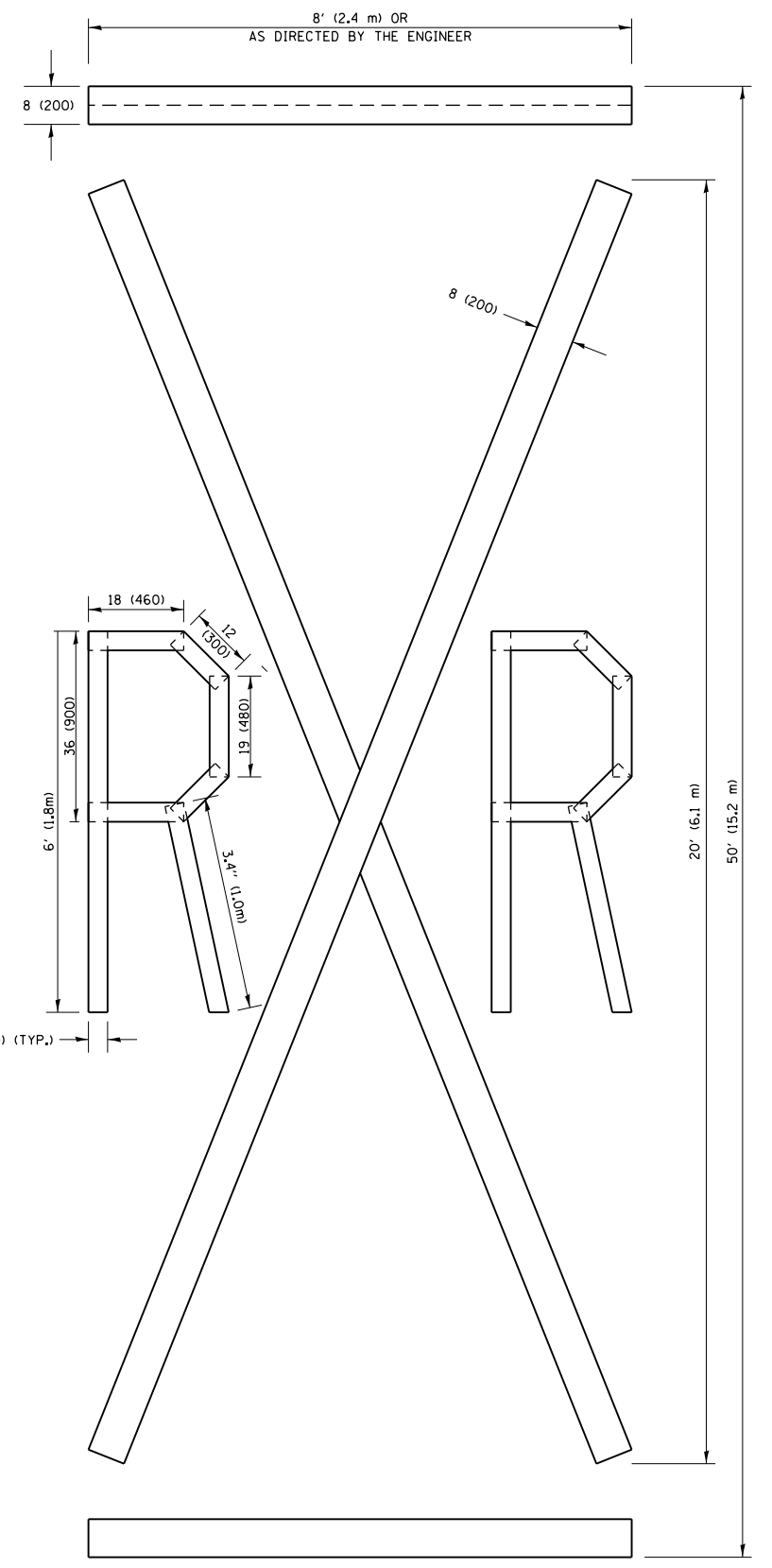


QUANTITY
 4 (100) LINE = 64.1 ft. (19.5 m)
 21.4 sq. ft. (1.99 sq. m)



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

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



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

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

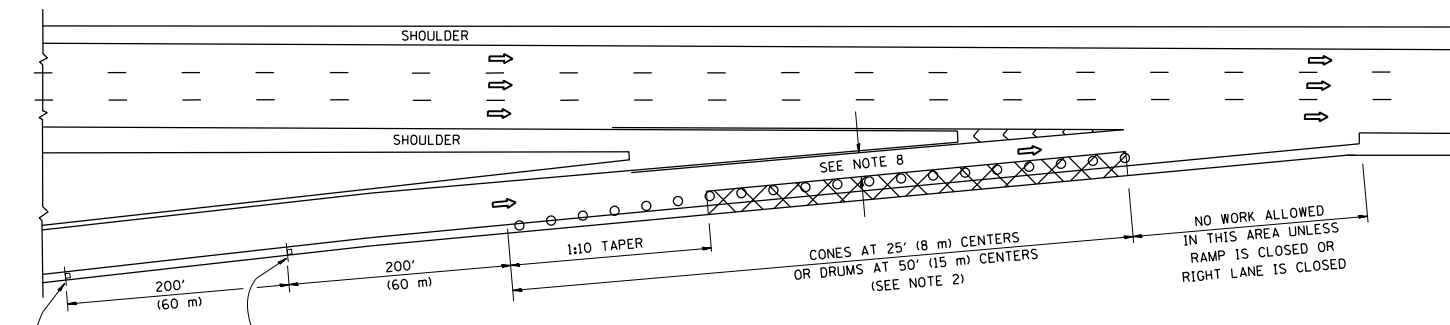
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		DATE -	REVISED - E. GOMEZ 08-28-00
			REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

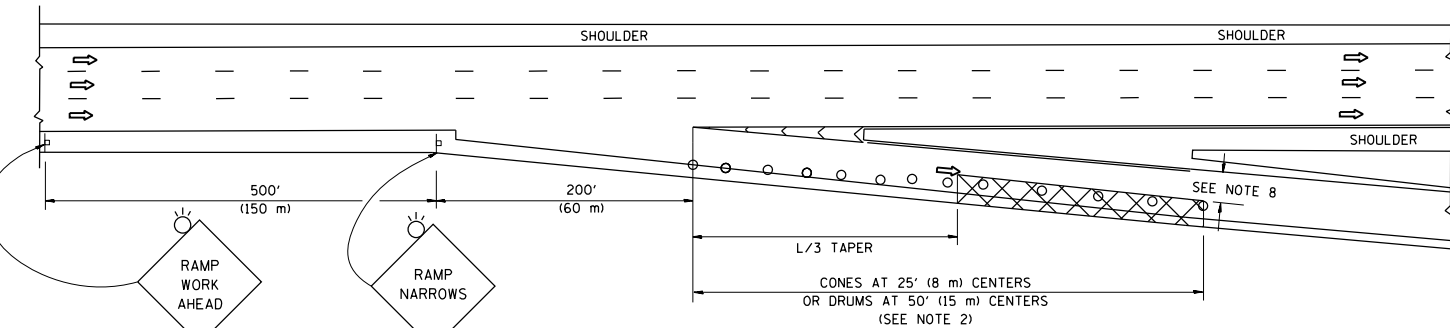
SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS			
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	3056B-RS-2	COOK	73	65
TC-16		CONTRACT NO. 62D65		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

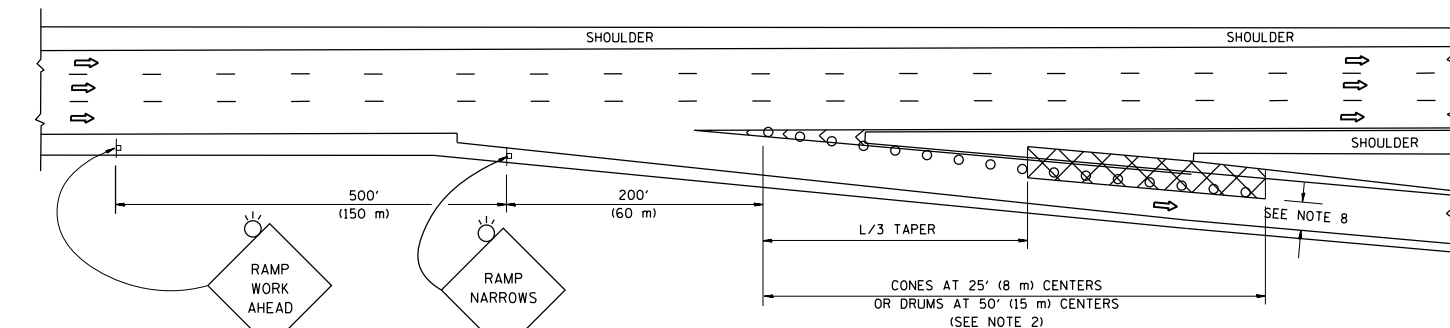
PARTIAL RAMP CLOSURE DETAILS



TYPICAL ENTRANCE RAMP



TYPICAL EXIT RAMP



TYPICAL EXIT RAMP

SYMBOLS

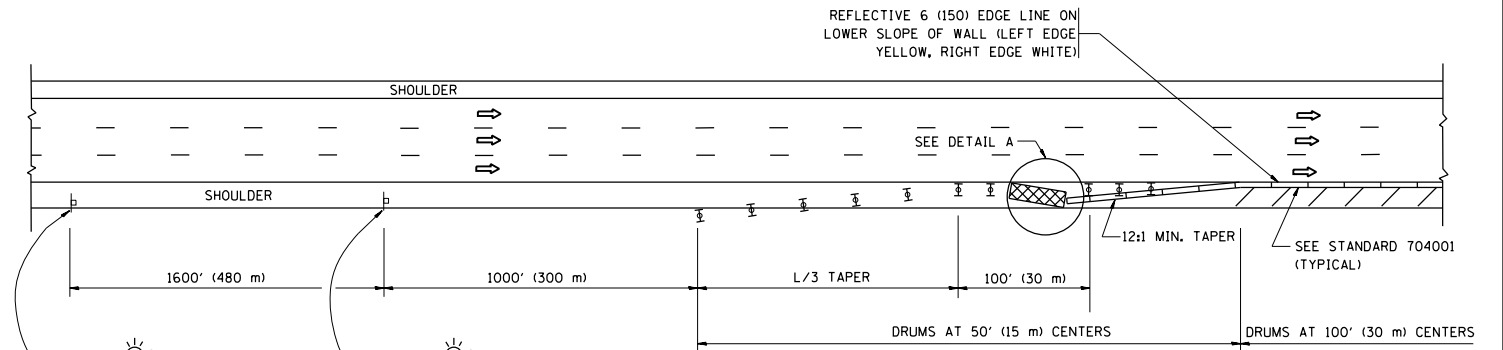
- ACTIVE WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- FLAGGER WITH CONTROL SIGN
- TYPE II BARRICADE OR DRUM
- CONE, DRUM OR BARRICADE
- IMPACT ATTENUATOR OF TYPE AND TEST LEVEL SPECIFIED

GENERAL NOTES

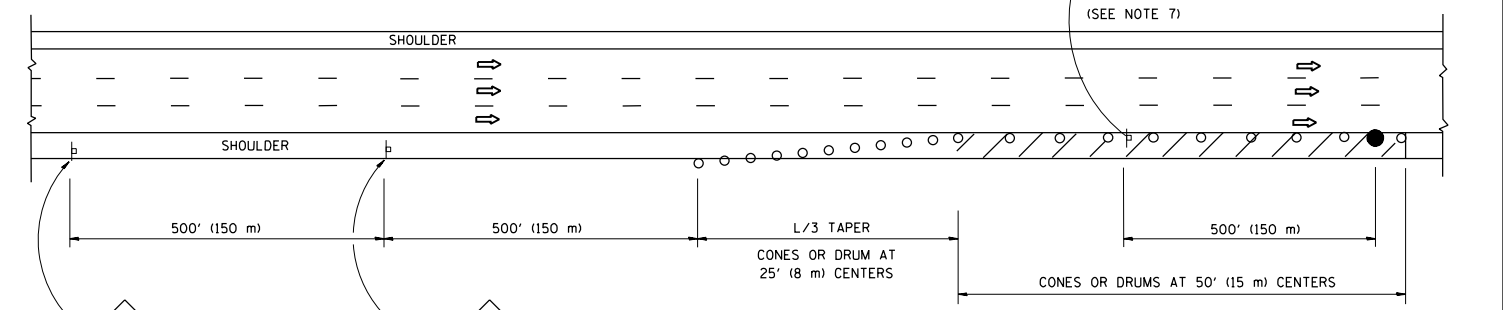
1. THE "L" DISTANCE EQUALS:

SPEED LIMIT	FORMULAS
45 mph (80 km/h) OR GREATER:	METRIC: $L=0.65(W)(S)$ ENGLISH: $L=(W)(S)$
	W = WIDTH OF OFFSET IN FEET (METERS)
	S = NORMAL POSTED SPEED MPH (KM/H)
2. TYPE II BARRICADES OR DRUMS ARE REQUIRED FOR ALL NIGHTTIME CLOSURES. TYPE II BARRICADES OR DRUMS WITH MONODIRECTIONAL STEADY BURN LIGHTS ARE REQUIRED FOR DELINEATING OBSTACLES, EXCAVATIONS, OR HAZARDS EXCEEDING 100 FT (30m) IN LENGTH AT NIGHT.
3. ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
4. FLASHING LIGHTS SHALL BE USED DURING THE HOURS OF DARKNESS AND SHALL BE INSTALLED ABOVE THE FIRST TWO SETS OF SIGNS.
5. THE IMPACT ATTENUATOR, TEMPORARY IS NOT REQUIRED WHEN THE TEMPORARY CONCRETE BARRIER WALL IS PROTECTED BY OR IS TIED INTO THE EXISTING GUARDRAIL. IF OFFSET IS LESS THAN 5 FEET USE NARROW USE TYPE DEVICE TO MEET NCHRP350/MASH.
6. AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL FREEWAY CLOSURES.
7. THE FLAGGER AND FLAGGER SIGN ARE REQUIRED AT THE ABOVE WORK SITES WHEN:
 - a. FOUR OR MORE WORK VEHICLES ENTER THE TRAFFIC LANES IN A ONE HOUR PERIOD.
 - b. THE WORK ACTIVITY REQUIRES FREQUENT ENCROACHMENT INTO THE LANE OPEN TO TRAFFIC.
 THE FLAGGER SHALL BE STATIONED APPROXIMATELY 100' (30 m) TO 200' (60 m) IN ADVANCE OF THE WORKERS.
8. 12' MIN. WIDTH TANGENT SECTION
16' MIN. WIDTH CURVE SECTION.

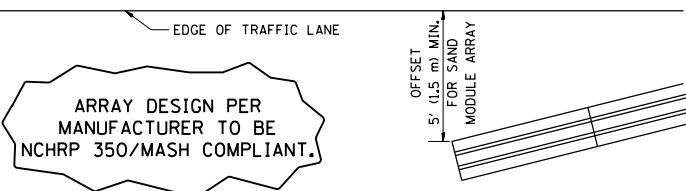
SHOULDER CLOSURE DETAILS



PERMANENT SHOULDER CLOSURE



DAYTIME SHOULDER CLOSURE



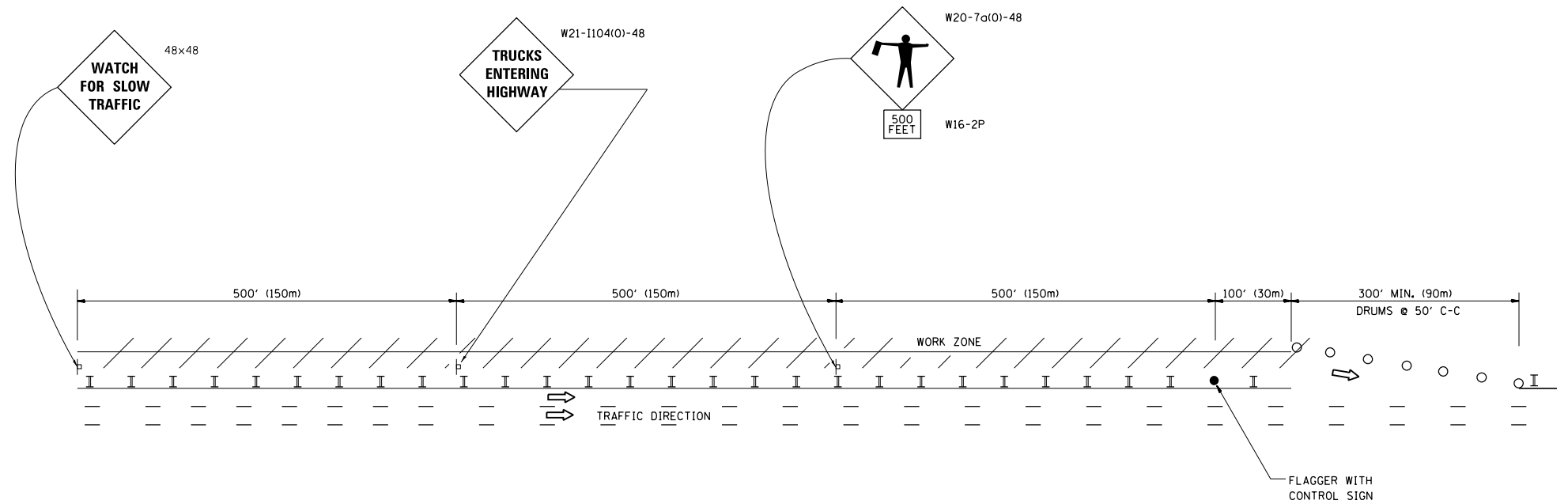
DETAIL "A"
IMPACT ATTENUATOR, TEMPORARY
(SEE NOTE 5)

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

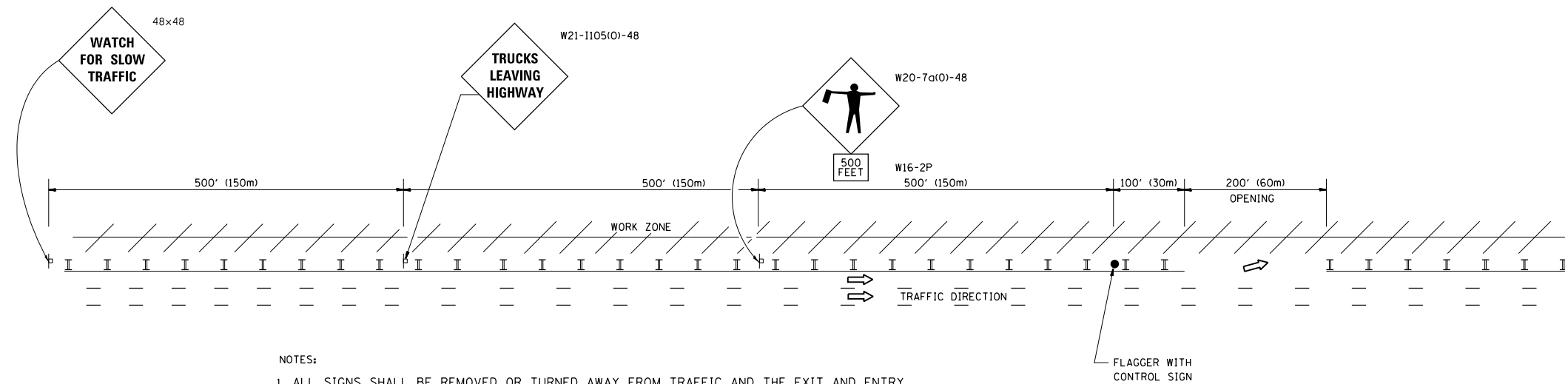
FILE NAME =	USER NAME = toriafm	DESIGNED -	REVISED - S.P.B. 01-07	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\11084EBIDINTEG\illinois.gov\PI\DOT\Documents\DOT Offices\District 1\Projects\11074\Drawings\Design\DWG\Std.dgn	PLLOT SCALE = 100.0002' / 1in.	CHECKED -	REVISED - S.P.B. 12-09			VAR.	3056B-R5-2	COOK	73	66
Default	PLLOT DATE = 5/8/2018	DATE - 11-96	REVISED - M.D. 06-13			TC-17		CONTRACT NO. 62D65		
			REVISED - M.D. 01-18			SCALE: NONE	SHEET 1	OF 1 SHEETS	STA.	TO STA.

SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS

WORK ZONE EXIT OPENING



WORK ZONE ENTRY OPENING

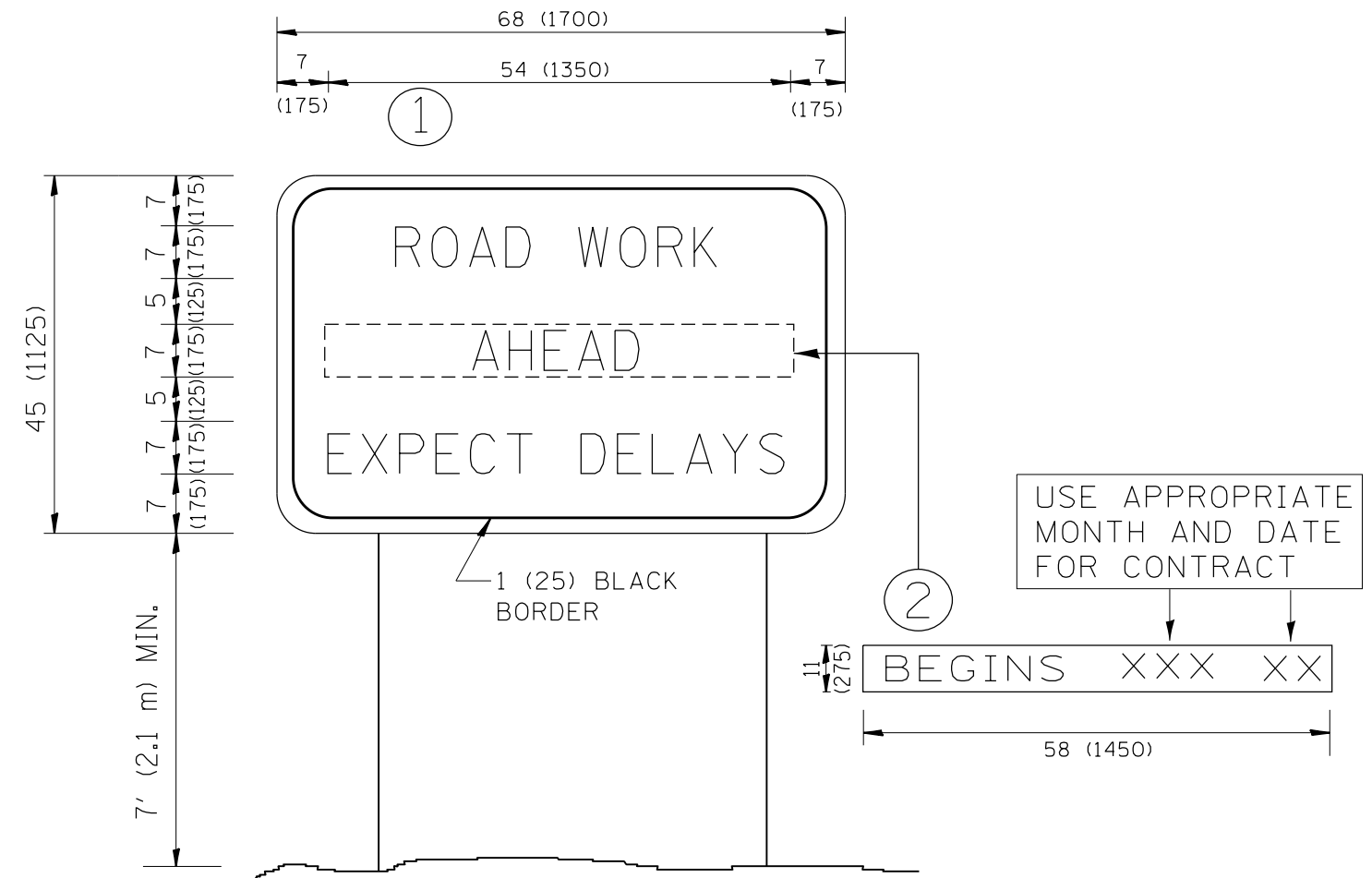


NOTES:

1. ALL SIGNS SHALL BE REMOVED OR TURNED AWAY FROM TRAFFIC AND THE EXIT AND ENTRY OPENINGS SHALL BE CLOSED WHEN THE FLAGGING OPERATION CEASES. NON OPERATING EQUIPMENT SHALL COMPLY WITH ARTICLE 701.11
2. WORK ZONE OPENINGS SHALL BE A MINIMUM OF ONE HALF MILE APART AND A MINIMUM OF ONE QUARTER MILE FROM ALL ENTRANCE AND EXIT RAMP.
3. EXITING THE WORK ZONE AT ANY PLACE OTHER THAN AT A WORK ZONE EXIT OPENING WILL BE PROHIBITED.
4. ALL VEHICLES SHALL ENTER THE WORK ZONE AT ENTRY OPENINGS, USING THEIR TURN SIGNALS TO WARN MOTORISTS
5. FLAGGERS SHALL NOT STOP TRAFFIC OR DIRECT TRAFFIC INTO AN ADJACENT LANE.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

FILE NAME =	USER NAME = tar1qfm	DESIGNED -	REVISED - J.A.F. 02-06	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FREEWAY/EXPRESSWAY SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS ON FREEWAYS/EXPRESSWAYS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PIDOT\Documents\IDOT Offices\District 1\Projects\DI074\Drawings\Design\Diststd.dgn	DRAWN -	REVISED - S.P.B. 01-07	VAR.			3056B-R5-2	COOK	73	67	
PLOT SCALE = 100.0002' / in.	CHECKED -	REVISED - S.P.B. 12-09	TC-18			CONTRACT NO. 62D65				
PLOT DATE = 5/8/2018	DATE -	REVISED - M.D. 06-13	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT							
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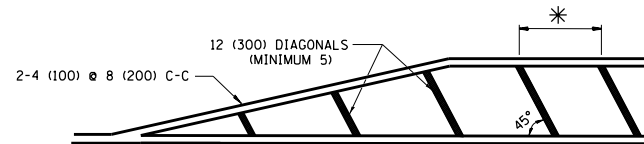
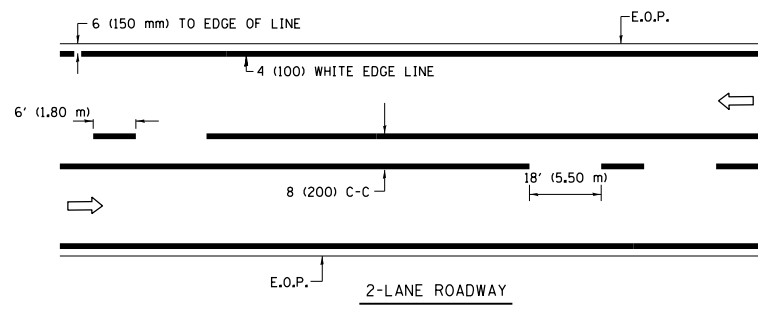


NOTES:

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

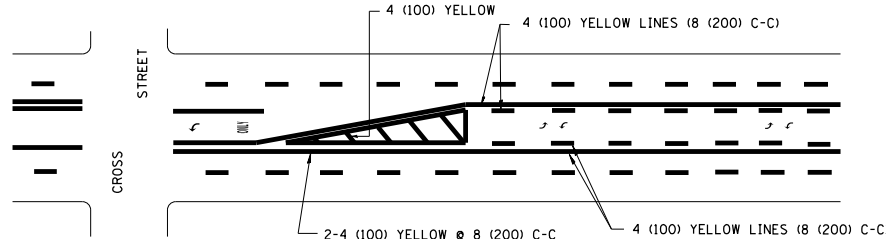
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME =	USER NAME = tar1qfm	DESIGNED -	REVISED - R. MIRS 09-15-97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	ARTERIAL ROAD INFORMATION SIGN	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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		CHECKED -	REVISED - T. RAMMACHER 02-02-99			TC-22		CONTRACT NO. 62D65			
		DATE -	REVISED - C. JUCIUS 01-31-07			SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	<small>FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT</small>	

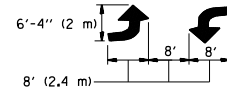


* FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.
 * DIAGONAL LINE SPACING: 20' (6.1 m) C-C

PAINTED MEDIANS

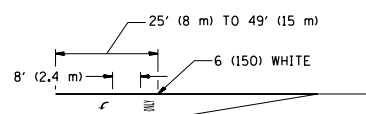
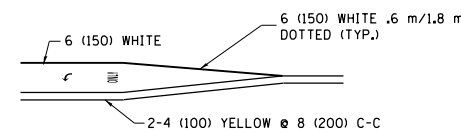


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

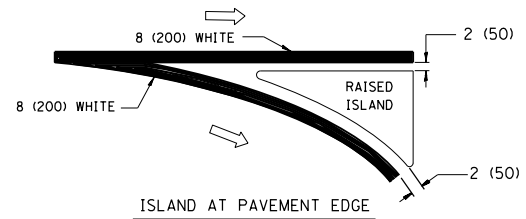
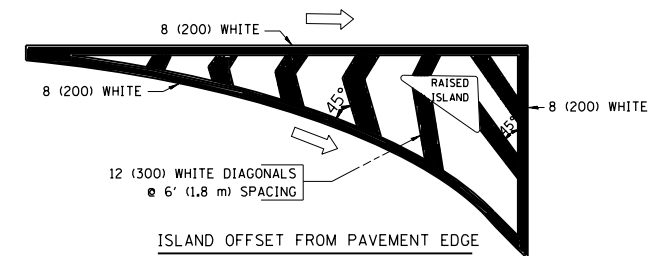
TYPICAL PAINTED MEDIAN MARKING



FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
 AREA = 15.8 SQ. FT. (1.47 m²) ONLY AREA = 22.9 SQ. FT. (2.13 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

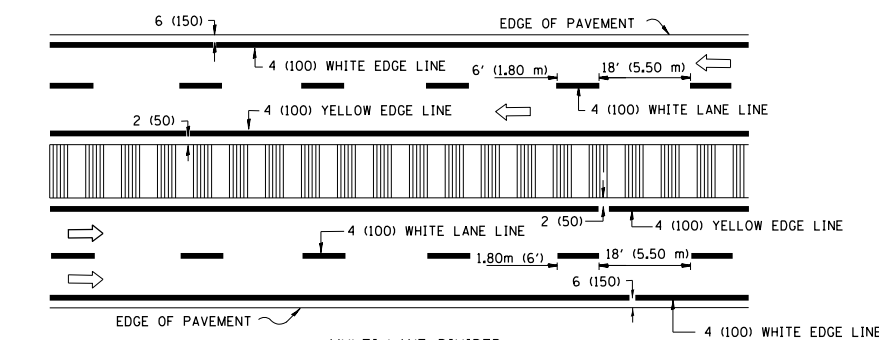
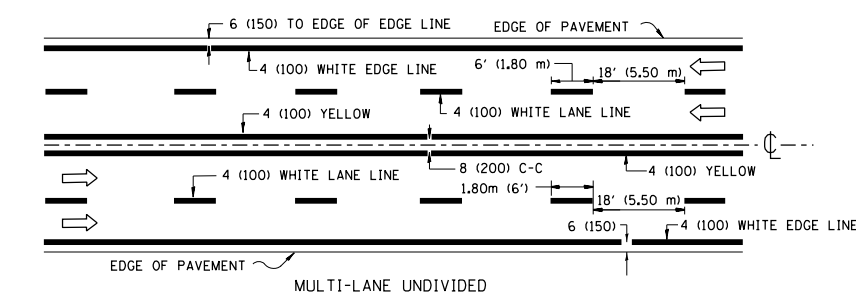


TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	6' (1.80 m) LINE WITH 18' (5.50 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	8 (200) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	8 (200) C-C
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	6' (1.80 m) LINE WITH 18' (5.50 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4 m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4 m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	6' (1.8 m) LINE WITH 18' (5.50 m) SPACE FOR SKIP-DASH; 8 (200) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL & PEDESTRIAN)	12 (300) @ 45° 24 (600) @ 90°	SOLID SOLID	WHITE WHITE	2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45°	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	8 (200) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 20' (6.1 m) (LESS THAN 30 MPH (50 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)

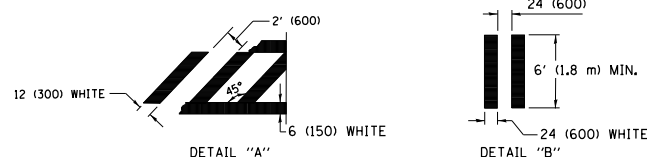
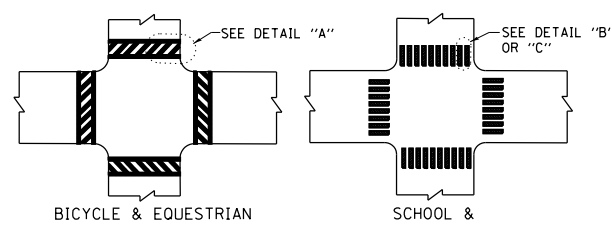
FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STREET MARKING STANDARDS, PRINTED BY CITY OF CHICAGO, DEPARTMENT OF TRANSPORTATION, BUREAU OF TRAFFIC.

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

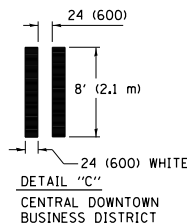


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

TYPICAL LANE AND EDGE LINE MARKING



TYPICAL CROSSWALK MARKING



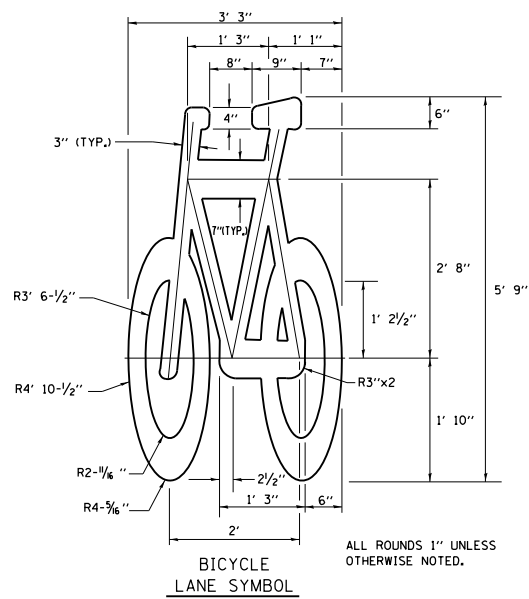
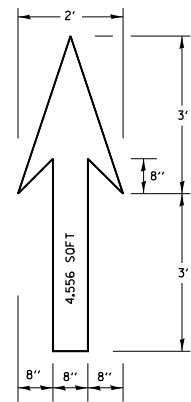
**DETAIL "C"
CENTRAL DOWNTOWN BUSINESS DISTRICT**

FILE NAME =	USER NAME = toriafm	DESIGNED -	REVISED - T. RAMMACHER 12-07-00
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		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

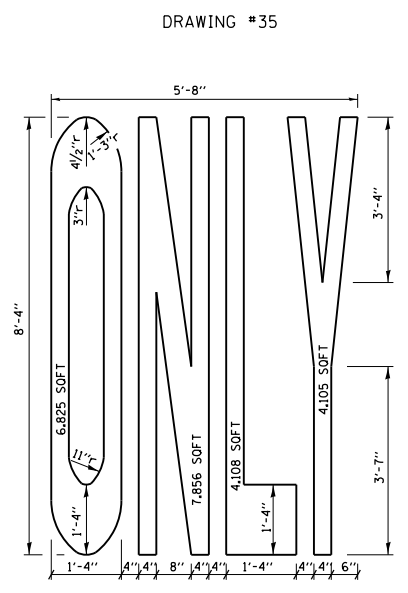
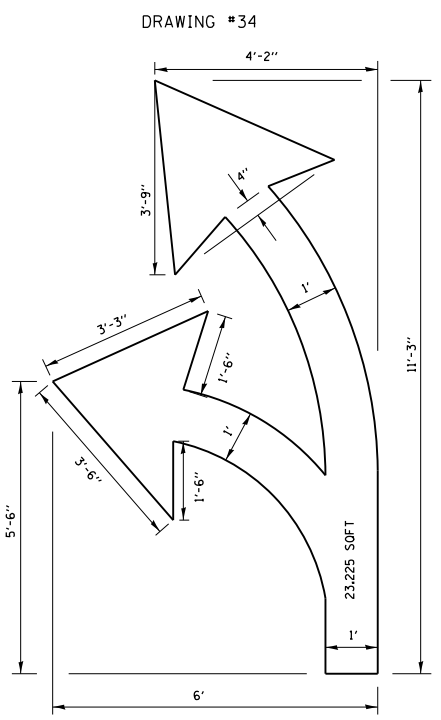
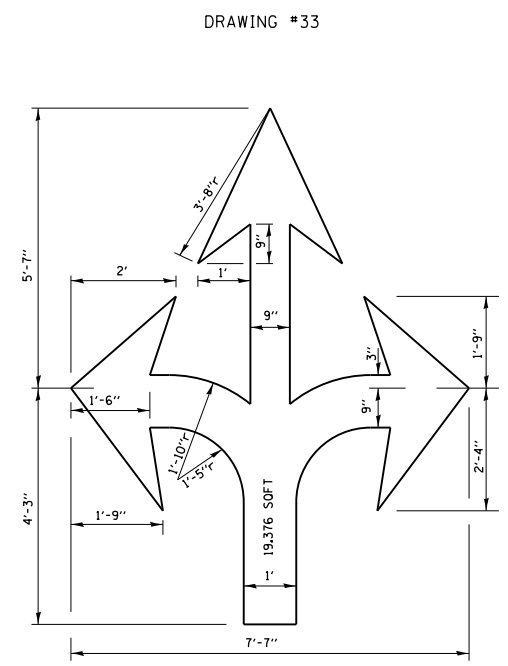
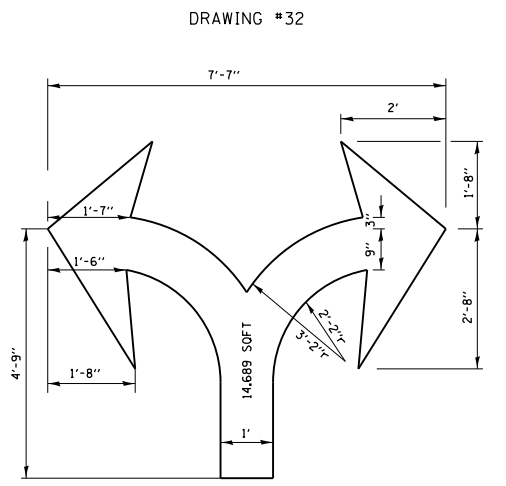
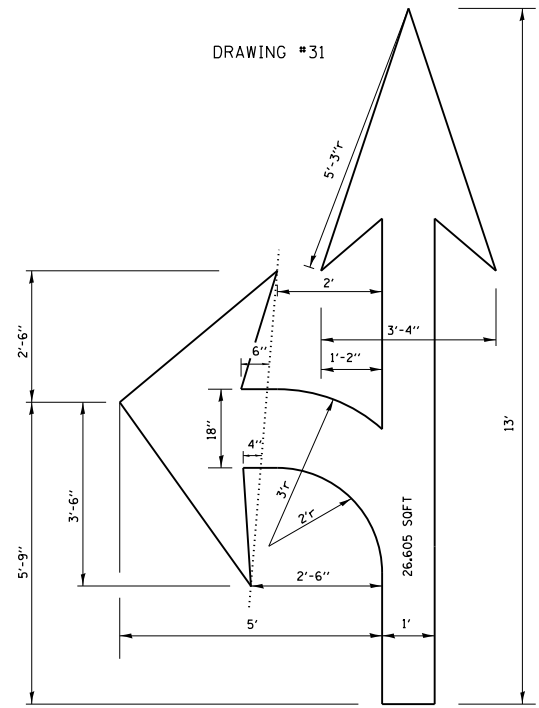
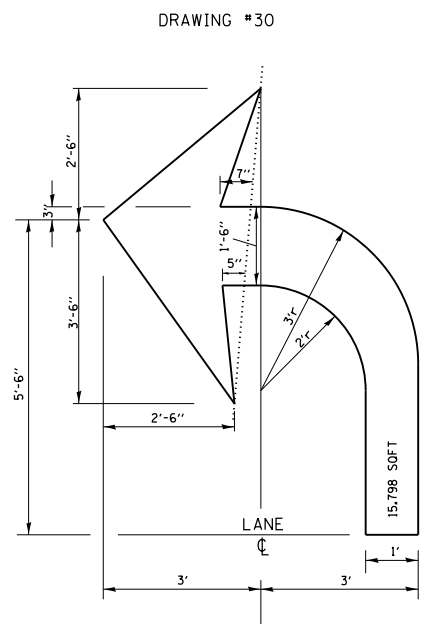
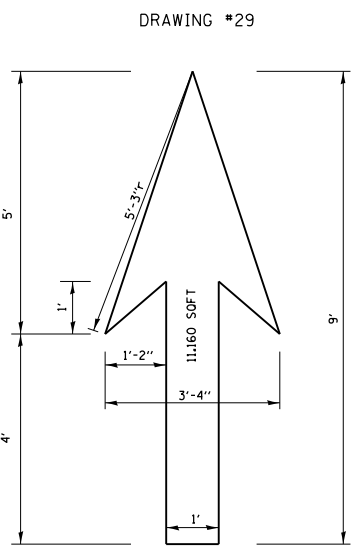
CITY OF CHICAGO			
TYPICAL PAVEMENT MARKINGS			
SCALE: NONE	SHEET NO. 1 OF 3 SHEETS	STA. TO STA.	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	3056B-R5-2	COOK	73	69
TC-24		CONTRACT NO. 62D65		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTE:
 1.) FOR BIKE LANE SYMBOLS ONLY, USE PRE-FORMED THERMOPLASTIC WITH A MINIMUM THICKNESS OF 90 MILS, MINIMUM SKID RESISTANCE VALUE OF 60 BPN, & A MINIMUM INDEX OF REFRACTION OF 1.50.
 2.) THE RESIDENT ENGINEER SHALL CONTACT MR. BEN GOMBERG AT 312-744-8093 AT LEAST ONE CALENDAR WEEK PRIOR TO INSTALLING BIKE LANE SYMBOLS.

TYPICAL BIKE LANE SYMBOLS
 DRAWING #28



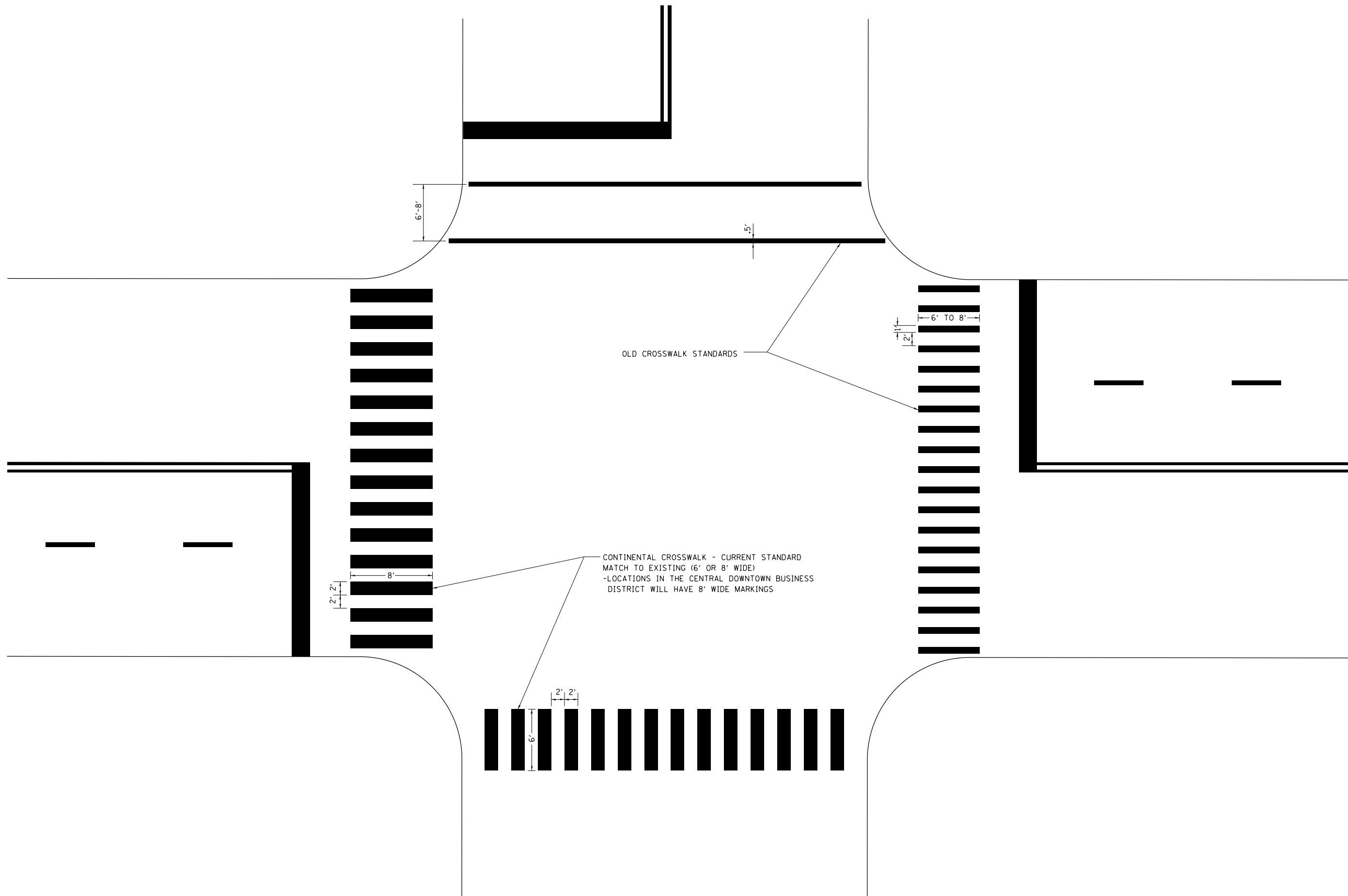
NOTE:
 ALL MARKINGS SHALL BE SOLID WHITE UNLESS OTHERWISE NOTED IN THE PLANS

FILE NAME =	USER NAME = toriafm	DESIGNED -	REVISED - T. RAMMACHER 12-07-00
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		DATE -	REVISED -
			REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CITY OF CHICAGO			
TYPICAL PAVEMENT MARKINGS			
SCALE: NONE	SHEET NO. 2 OF 3 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	3056B-R5-2	COOK	73	70
TC-24		CONTRACT NO. 62D65		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = tar1qfm	DESIGNED -	REVISED - T. RAMMACHER 12-07-00
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		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

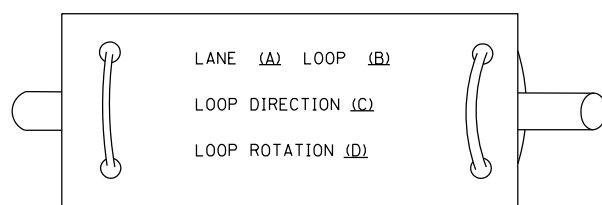
CITY OF CHICAGO			
TYPICAL PAVEMENT MARKINGS			
SCALE: NONE	SHEET NO. 3 OF 3 SHEETS	STA.	TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	3056B-R5-2	COOK	73	71
TC-24		CONTRACT NO. 62D65		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

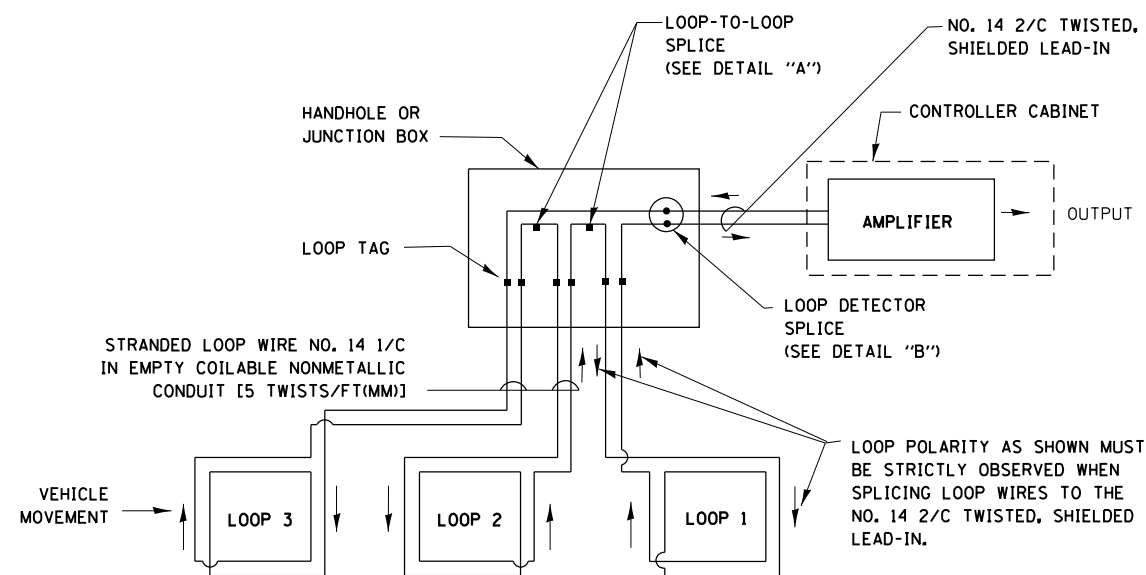
LOOP DETECTOR NOTES

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

LOOP LEAD-IN CABLE TAG

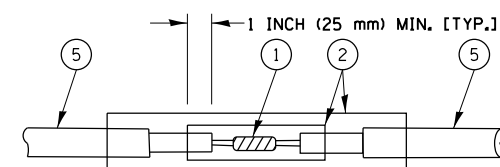


- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

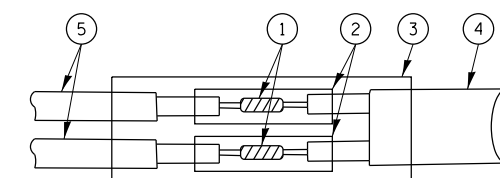


DETECTOR LOOP WIRING SCHEMATIC

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

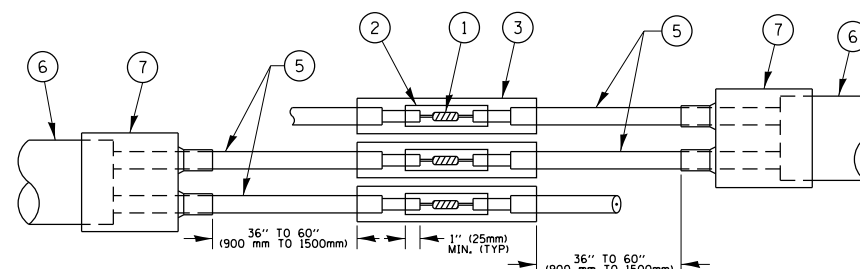


DETAIL "A"
LOOP-TO-LOOP SPLICE

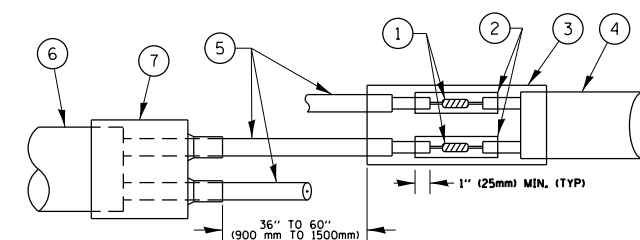


DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A"
LOOP-TO-LOOP SPLICE



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 LENGTH 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

FILE NAME =	USER NAME = toriafm	DESIGNED -	REVISED -
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Default	PLOT DATE = 5/8/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

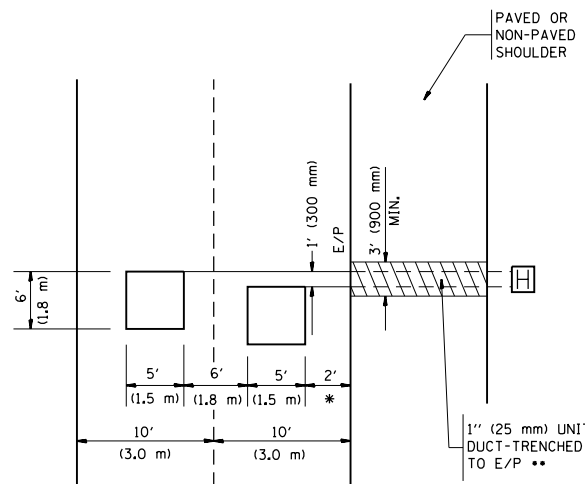
**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET 2 OF 7 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	3056B-R5-2	COOK	73	72
TS-05		CONTRACT NO. 62D65		
ILLINOIS FED. AID PROJECT				

LOOPS NEXT TO SHOULDERS

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



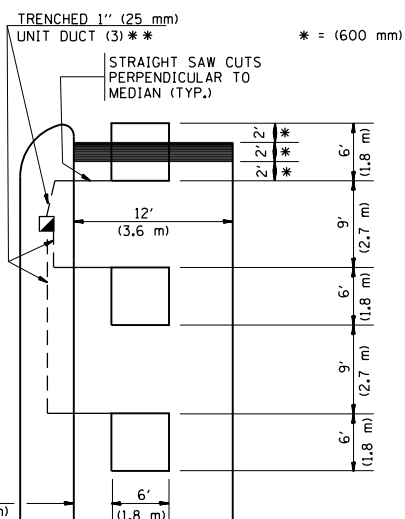
* = (600 mm)

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

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

(PROTECTED / PERMITTED LEFT TURN PHASING)

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



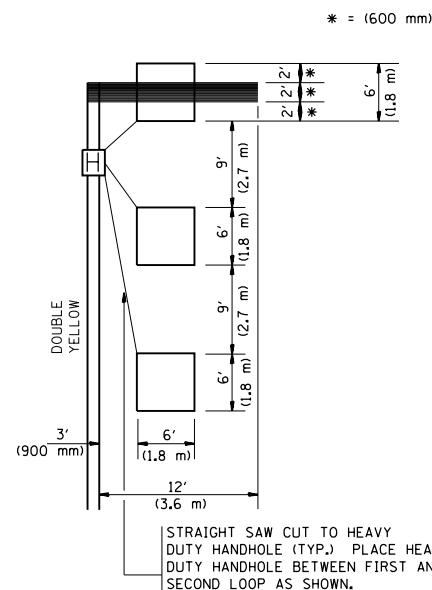
* = (600 mm)

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

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

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

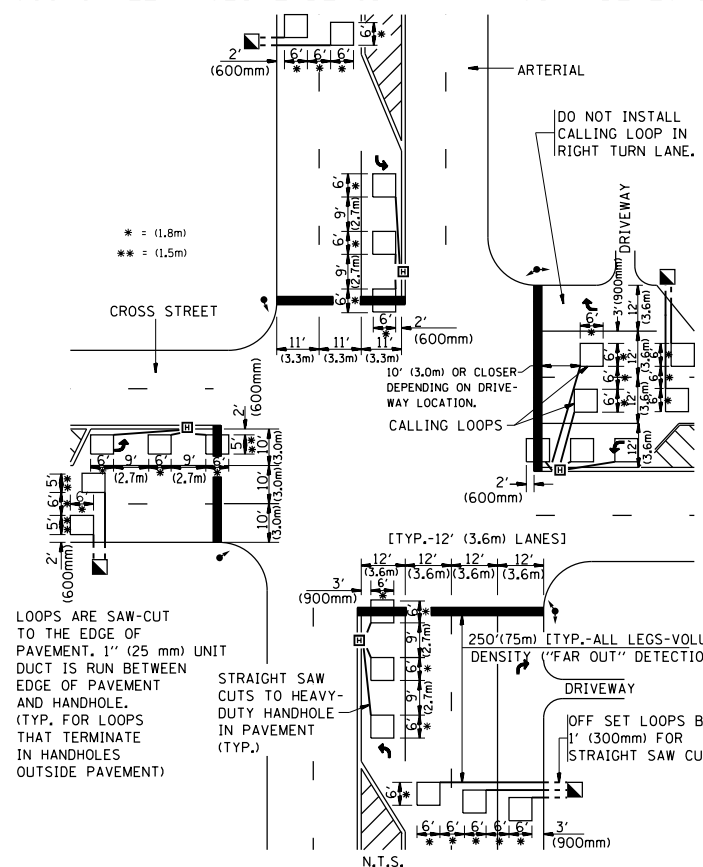
(PROTECTED / PERMITTED LEFT TURN PHASING)



* = (600 mm)

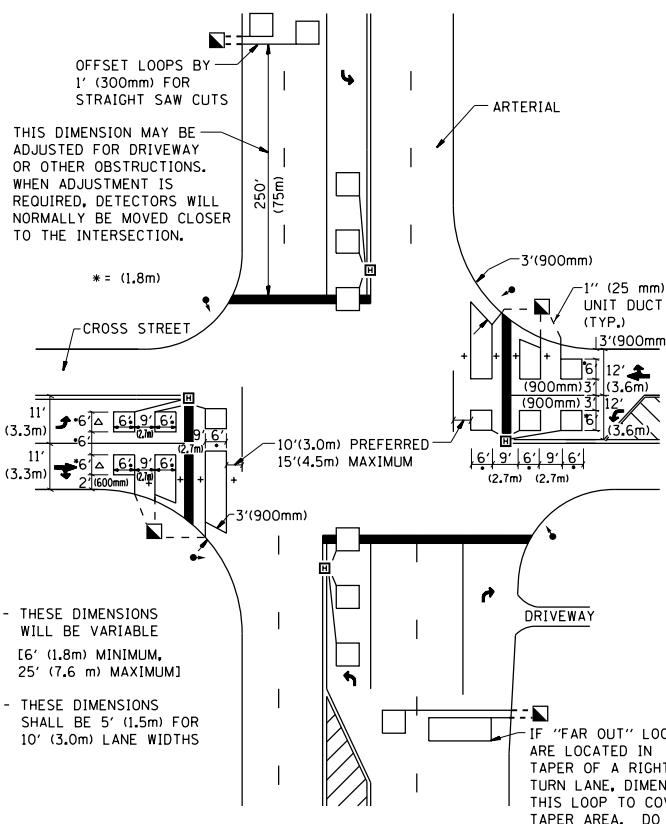
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

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 SEPARATELY. 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 = toriaqm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT 1 - DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
p:\11\084EBIDINTEG\11inois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\DI074\Drawings\Design\Diststd.dgn		CHECKED - R.K.F.	REVISED -		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	VAR.	3056B-R5-2	COOK	73	73
PLOT SCALE = 100.0002' / 1"		DATE -	REVISED -						TS-07		CONTRACT NO. 62D65		
PLOT DATE = 5/8/2018									FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				