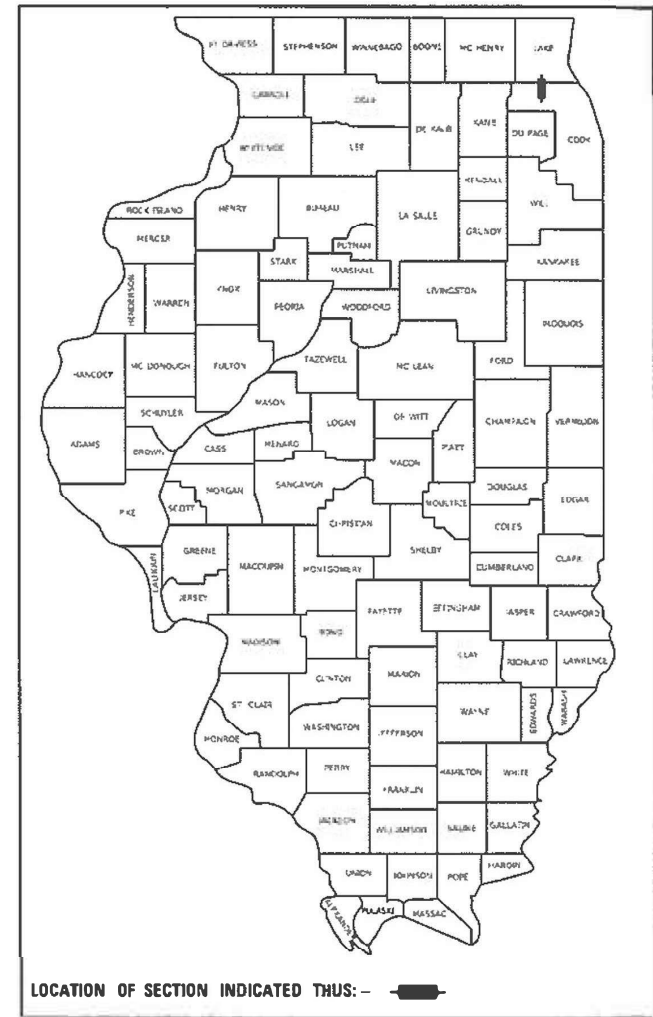


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	2020-046-RS	COOK	58	1
		ILLINOIS	CONTRACT NO 62L18	

D-91-429-20



FOR INDEX OF SHEETS, SEE SHEET NO. 2

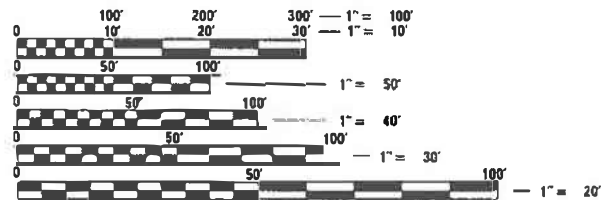
PROPOSED
HIGHWAY PLANS

FAU ROUTE 2592: IL 53 / HICKS ROAD
LAKE-COOK ROAD TO US 14 (NORTHWEST HWY)
SECTION: 2020-046-RS
PROJECT STP-0U3K(823)
SMART OVERLAY, ADA IMPROVEMENTS
COOK COUNTY
C-91-236-20

IMPROVEMENT LOCATED IN
THE VILLAGE OF PALATINE

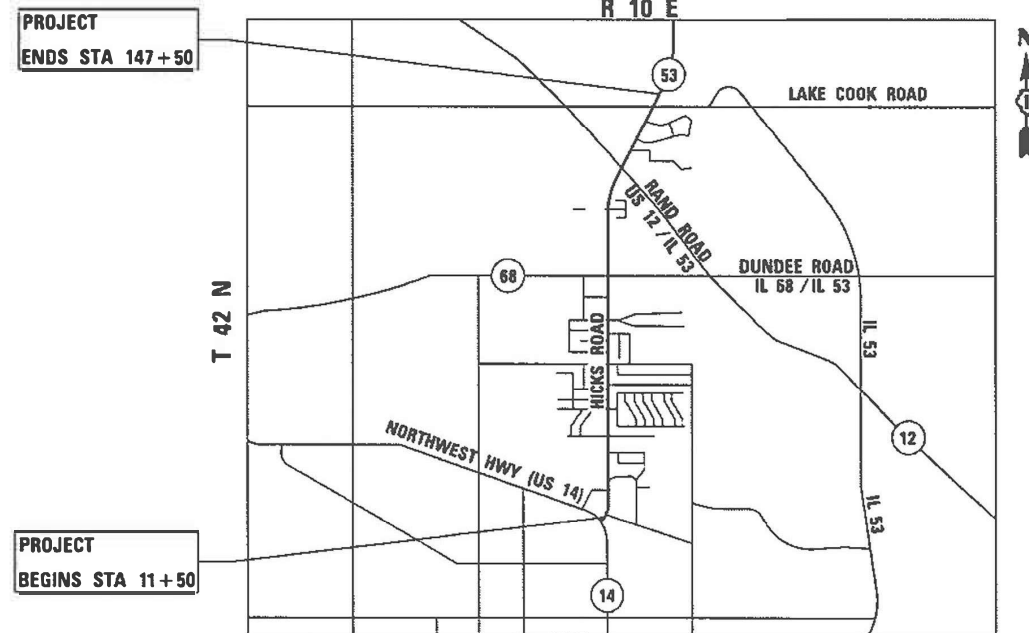
2019 ADT = 28,300
SPEED LIMIT = 40 MPH (US 14 TO RAND RD)
SPEED LIMIT = 45 MPH (RAND RD TO LAKE-COOK RD)

FUNCTIONAL CLASSIFICATION
MINOR ARTERIAL



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 EXCAVATORS
1-800-892-0123
OR 811



PALATINE TOWNSHIP
LOCATION MAP
NOT TO SCALE

GROSS LENGTH = 13,600 FT = 2.58 MILES
NET LENGTH = 13,600 FT = 2.58 MILES

PROJECT ENGINEER: VESELIN VELICHKOV (847) 705-4432
PROJECT MANAGER: FAWAD AQUEEL (847) 702-4247

CONTRACT NO. 62L18



Jameel Ahmed
IL LICENSED PROFESSIONAL
LICENSE EXPIRES ON 11/30/2021

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED DECEMBER 20 20
Anthony A. Changy / JCS
REGIONAL ENGINEER

January 29, 2021
Saeed A. Elk
ENGINEER OF DESIGN AND ENVIRONMENT

January 29, 2021
Jameel Ahmed
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

OEI
QUIGG ENGINEERING INC.

QUIGG ENGINEERING INC.
312-590-5229
111 S. WACKER DR.
SUITE 3318
CHICAGO, IL 60606
WWW.QUIGGENGINEERING.COM

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INDEX OF SHEETS

SHEET NO.	DESCRIPTION
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2	INDEX OF SHEETS, STATE STANDARDS, & GENERAL NOTES
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10	SCHEDULE OF QUANTITIES
11	TYPICAL SECTIONS
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17 - 23	DETECTOR LOOP REPLACEMENT PLANS
24 - 28	PROJECT DETAILS FOR CURB RAMPS
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50	BUTT JOINTS AND HMA TAPER DETAILS (BD-32)
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53	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)
54	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) (TC-14)
55	SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS (TC-16)
56	ARTERIAL ROAD INFORMATION SIGN (TC-22)
57	DRIVEWAY ENTRANCE SIGNING (TC-26)
58	DISTRICT 1 DETECTOR LOOP INSTALLATION DETAIL FOR ROADWAY RESURFACING (TS-07)

STATE STANDARDS

STANDARD NO.	DESCRIPTION
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424011-04	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424021-06	DEPRESSED CORNER FOR SIDEWALKS
424026-03	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
424031-02	MEDIAN PEDESTRIAN CROSSINGS
442201-03	CLASS C AND D PATCHES
604001-05	FRAME AND LIDS TYPE 1
604091-04	FRAME AND GRATE TYPE 24
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' (4.5M) TO 24" (600 mm) FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5M) AWAY
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS < 40 MPH
701602-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS

GENERAL NOTES

- 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 IS REQUIRED).
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE VILLAGE OF PALATINE.
- FRAMES AND GRATES ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE LIMITS OF THE IMPROVEMENTS SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT.
- THE CONTRACTOR SHALL CONTACT DISTRICT ONE ARTERIAL TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
- WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1-1/2 INCHES (40 MM) WHERE THE SPEED LIMIT IS 45 MPH OR LESS AND 1 INCH WHERE THE SPEED LIMIT IS GREATER THAN 45 MPH. WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H).
- BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT). IN ACCORDANCE WITH THE "BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- THE RESIDENT ENGINEER SHALL CONTACT THE AREA TRAFFIC FIELD ENGINEER, MR. DON CHIARUGI AT DON.CHIARUGI@ILLINOIS.GOV A MINIMUM OF TWO (2) WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.
- DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- DOUBLE LANE MARKERS ARE TO BE USED AS SHOWN ON THE DISTRICT ONE DETAIL "TYPICAL APPLICATIONS - RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" TC-11, SHOWN IN THE PLANS.
- ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- DRAINAGE ADJUSTMENT OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPLACEMENT OF ANY DETECTOR LOOPS DAMAGED DURING CONSTRUCTION.
- THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION.
- LOCATION OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT OR COMBINATION CURB AND GUTTER (THE TYPE SPECIFIED IN THE PLANS) WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS WHICH WILL NOT BE REMOVED. ANY DAMAGES DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE.
- PAVEMENT MARKING TAPE, TYPE III SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL WEARING SURFACE.
- THE PEDESTRIAN PUSH-BUTTON HEIGHT SHALL BE ADJUSTED ACCORDING TO ARTICLE 888.03 AND THE WORK SHALL BE PAID AS "RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON".

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PLOT SCALE = 2,0000 ' / in.	CHECKED - JA / MMO	REVISED -
PLOT DATE = 11/25/2020	DATE - 11/25/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

INDEX OF SHEETS, STATE STANDARDS, & GENERAL NOTES
IL. RTE 53 / HICKS RD. : LAKE-COOK RD. - U.S. 14 (NORTHWEST HWY)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	2020-046-R5	COOK	58	2
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62L18	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY URBAN	CONSTRUCTION CODE	
				80% FED	100% STATE
				20% STATE ROADWAY	ROADWAY
				0005	0005
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	25	25	
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	16	16	
20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	20	20	
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	59	59	
20200100	EARTH EXCAVATION	CU YD	145	145	
20400800	FURNISHED EXCAVATION	CU YD	2	2	
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	1,473	1,473	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	19	19	
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	19	19	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	19	19	
25200110	SODDING, SALT TOLERANT	SQ YD	1,473	1,473	
25200200	SUPPLEMENTAL WATERING	UNIT	75	75	
35501308	HOT-MIX ASPHALT BASE COURSE, 6"	SQ YD	11	11	
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SQ YD	13	13	

* SPECIALTY ITEMS

REV-SEP

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PLOT DATE = 12/10/2020	CHECKED - JA / MMO	REVISED -
	DATE - 11/25/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES 1 OF 7
IL. RTE 53 / HICKS RD. : LAKE-COOK RD. - U.S. 14 (NORTHWEST HWY)**

SCALE: SHEET 1 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	2020-046-R5	COOK	58	3
			CONTRACT NO. 62L18	
			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY URBAN	CONSTRUCTION CODE	
				80% FED	100% STATE
				20% STATE ROADWAY	ROADWAY
				0005	0005
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	46,380	46,380	
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	155	155	
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	420	420	
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	166	166	
40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	3	3	
40604172	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N70	TON	10,106	10,106	
42001300	PROTECTIVE COAT	SQ YD	2,126	2,126	
42300200	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 6 INCH	SQ YD	13	13	
42300400	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH	SQ YD	41	41	
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	15,305	15,305	
42400800	DETECTABLE WARNINGS	SQ FT	1,156	1,156	
44000156	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"	SQ YD	103,067	103,067	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	137	137	
44000600	SIDEWALK REMOVAL	SQ FT	14,974	14,974	

* SPECIALTY ITEMS

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PLOT DATE = 12/10/2020	CHECKED - JA / MMO	REVISED -
	DATE - 11/25/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES 2 OF 7
IL. RTE 53 / HICKS RD. : LAKE-COOK RD. - U.S. 14 (NORTHWEST HWY)
SCALE: SHEET 2 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	2020-046-R5	COOK	58	4
			CONTRACT NO. 62L18	
			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY URBAN	CONSTRUCTION CODE	
				80% FED	100% STATE
				20% STATE ROADWAY	ROADWAY
				0005	0005
44002210	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 2 1/2"	SQ YD	1,179	1,179	
44201349	CLASS C PATCHES, TYPE I, 10 INCH	SQ YD	28	28	
44201353	CLASS C PATCHES, TYPE II, 10 INCH	SQ YD	500	500	
44201357	CLASS C PATCHES, TYPE III, 10 INCH	SQ YD	300	300	
44201359	CLASS C PATCHES, TYPE IV, 10 INCH	SQ YD	360	360	
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SQ YD	25	25	
60250200	CATCH BASINS TO BE ADJUSTED	EACH	2	2	
60251740	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 24 FRAME AND GRATE	EACH	4	4	
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	3	3	
60254340	CATCH BASINS TO BE RECONSTRUCTED WITH NEW TYPE 24 FRAME AND GRATE	EACH	1	1	
60255500	MANHOLES TO BE ADJUSTED	EACH	2	2	
60266600	VALVE BOXES TO BE ADJUSTED	EACH	5	5	
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	60	60	
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	20	20	

* SPECIALTY ITEMS

REV-SEP

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES 3 OF 7			
IL. RTE 53 / HICKS RD. : LAKE-COOK RD. - U.S. 14 (NORTHWEST HWY)			
SCALE:	SHEET 3 OF 7 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	2020-046-R5	COOK	58	5
			CONTRACT NO. 62L18	
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY URBAN	CONSTRUCTION CODE	
				80% FED	100% STATE
				20% STATE ROADWAY	ROADWAY
				0005	0005
60404950	FRAMES AND GRATES, TYPE 24	EACH	15	15	
60406001	FRAMES AND LIDS, TYPE 1, ADA COMPLIANT, OPEN LID	EACH	1	1	
60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	5	5	
60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	5	5	
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	145	145	
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	5	5	
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1	1	
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1	1	
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	12	12	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	12	
67100100	MOBILIZATION	L SUM	1	1	
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1	
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1	
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1	

* SPECIALTY ITEMS

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES 4 OF 7
IL. RTE 53 / HICKS RD. : LAKE-COOK RD. - U.S. 14 (NORTHWEST HWY)
SCALE: SHEET 4 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	2020-046-R5	COOK	58	6
CONTRACT NO. 62L18			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY URBAN	CONSTRUCTION CODE	
				80% FED	100% STATE
				20% STATE ROADWAY	ROADWAY
				0005	0005
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1	
70300100	SHORT TERM PAVEMENT MARKING	FOOT	5,728	5,728	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1,910	1,910	
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SQ FT	1,690	1,690	
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	50,654	50,654	
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	8,422	8,422	
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	395	395	
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	2,672	2,672	
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	857	857	
70300510	PAVEMENT MARKING TAPE, TYPE III - LETTERS AND SYMBOLS	SQ FT	1,586	1,586	
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	5,728	5,728	
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	1,690	1,690	
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	50,654	50,654	
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	8,422	8,422	

* SPECIALTY ITEMS

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES 5 OF 7
IL. RTE 53 / HICKS RD. : LAKE-COOK RD. - U.S. 14 (NORTHWEST HWY)
SCALE: SHEET 5 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	2020-046-R5	COOK	58	7
			CONTRACT NO. 62L18	
		ILLINOIS	FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY URBAN	CONSTRUCTION CODE	
				80% FED 20% STATE ROADWAY	100% STATE ROADWAY
				0005	0005
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	395	395	
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	2,672	2,672	
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	857	857	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1,216	1,216	
	78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1,216	1,216	
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	7	7	
* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	3,366	3,366	
* 89500400	RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	EACH	11	11	
* 89502376	REBUILD EXISTING HANDHOLE	EACH	7	7	
X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1	1	
X2010100	TREE LIMB REMOVAL (4 TO 10 INCHES DIAMETER)	EACH	27	27	
X2010350	TREE REMOVAL, ACRES (SPECIAL)	ACRE	0.091	0.091	
X2100002	PRUNING FOR SAFETY AND EQUIPMENT CLEARANCE	UNIT	4.6	4.6	
X4400501	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT LESS THAN OR EQUAL TO 10 FEET	FOOT	2,804	2,804	

* SPECIALTY ITEMS

REV-SEP

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES 6 OF 7
IL. RTE 53 / HICKS RD. : LAKE-COOK RD. - U.S. 14 (NORTHWEST HWY)
SCALE: SHEET 6 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	2020-046-R5	COOK	58	8
			CONTRACT NO. 62L18	
			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY URBAN	CONSTRUCTION CODE	
				80% FED	100% STATE
				20% STATE ROADWAY	ROADWAY
				0005	0005
X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	1530		1,530
X5538000	STORM SEWERS TO BE CLEANED 18"	FOOT	20		20
X5538200	STORM SEWERS TO BE CLEANED 24"	FOOT	20		20
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	46	46	
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	22,480	22,480	
X7800200	PAINT PAVEMENT MARKING CURB	FOOT	1261	1,261	
Z0004562	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	3,196	3,196	
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	137		137
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	283	283	
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	54,400	54,400	
Z0064800	SELECTIVE CLEARING	UNIT	0.52	0.52	
∅ Z0076600	TRAINEES	HOURS	500	500	
∅ Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOURS	500	500	

∅ 0042

* SPECIALTY ITEMS

REV-SEP

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES 7 OF 7			
IL. RTE 53 / HICKS RD. : LAKE-COOK RD. - U.S. 14 (NORTHWEST HWY)			
SCALE:	SHEET 7 OF 7 SHEETS	STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	2020-046-R5	COOK	58	9
				CONTRACT NO. 62L18
				ILLINOIS FED. AID PROJECT

20100110 TREE REMOVAL (6 TO 15 UNITS DIAMETER)	
STATION	QUANTITY (UNITS)
40+25	14.9
61+20	10
TOTAL	24.9

20100210 TREE REMOVAL (OVER 15 UNITS DIAMETER)	
STATION	QUANTITY (UNITS)
40+05	15.6
TOTAL	15.6

20101330 TREE PRUNING (1 TO 10 INCH DIAMETER)	
STATION	QUANTITY (EACH)
38+80	1
39+20	1
40+20	1
41+15	1
42+20	1
43+10	1
44+10	1
56+20	1
57+20	1
58+00	1
58+75	1
62+00	2
70+25 - 73+25	7
TOTAL	20

30101350 TREE PRUNING (OVER 10 INCH DIAMETER)	
STATION	QUANTITY (EACH)
12+50	1
13+25	1
15+80	1
16+20	1
16+60	1
17+95	1
22+10	1
23+05	1
27+10 - 27+75	3
29+10	1
30+15	1
38+60	1
39+60	1
40+95	1
44+50	1
48+00 - 48+75	2
52+10	1
54+00	1
54+80	1
56+30	1
56+85	1
57+60	1
58+20	1
59+10	1
65+05	1
67+20 - 69+00	5
72+30 - 73+25	3
75+10	1
76+00	1
76+40	1
78+00 - 79+00	3
88+50 - 89+25	2
90+10	1
90+00 - 91+00	3
92+05	1
92+90 - 93+15	4
104+40	1
106+05	1
10+70	1
109+00	1
110+90	1
113+15	1
TOTAL	59

X2010100 TREE LIMB REMOVAL (4 TO 10 INCHES DIAMETER)	
STATION	QUANTITY (EACH)
27+50 - 28+05	7
28+50 - 29+00	3
29+40 - 29+90	3
30+05 - 30+80	8
46+30	1
54+30 - 54+50	5
TOTAL	27

X2010350 TREE REMOVAL, ACRES (SPECIAL)	
STATION	QUANTITY (UNITS)
91+80 - 92+60	0.0330
102+00 - 105+15	0.0578
TOTAL	0.0908

X2100002 PRUNING FOR SAFETY AND EQUIPMENT CLEARANCE	
STATION	QUANTITY (UNIT)
107+80 - 108+60	0.8
109+20 - 111+00	1.8
111+90 - 112+50	0.6
115+20 - 115+85	0.65
116+95 - 117+70	0.75
TOTAL	4.6

Z0064800 SELECTIVE CLEARING	
STATION	QUANTITY (UNITS)
24+25 - 24+90	0.52
TOTAL	0.52

NOTES

- CONTACT THE IDOT ROADSIDE DEVELOPMENT UNIT AT 847-705-4171 AT LEAST 2 WEEKS PRIOR TO BEGINNING LANDSCAPE AND FORESTRY WORK FOR LAYOUT.

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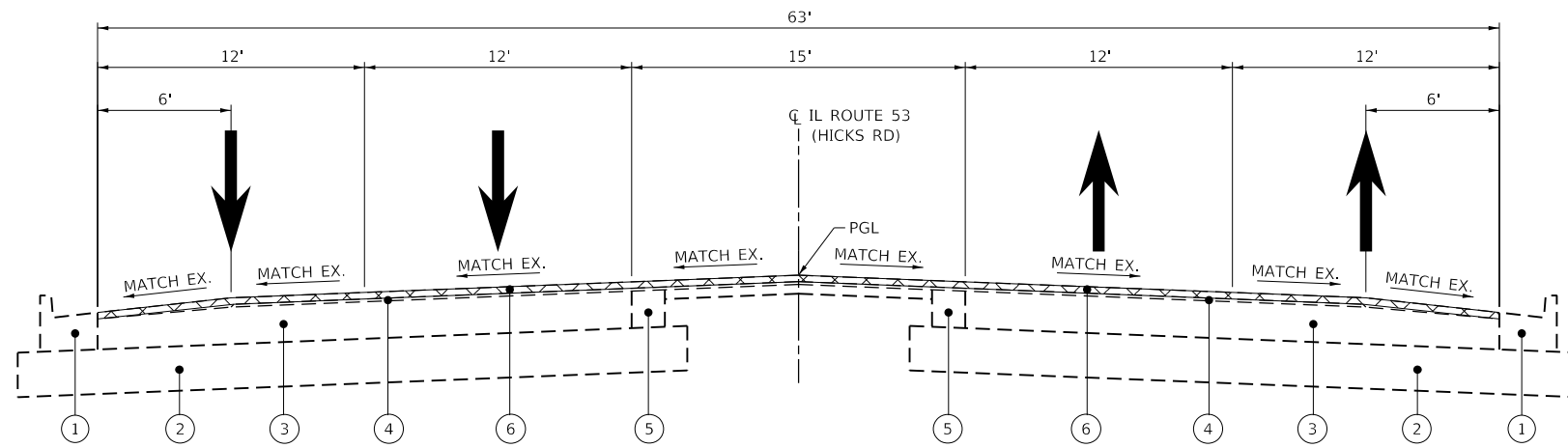
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DESIGNED - LEG / AWM	REVISED -
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DATE - 11/25/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

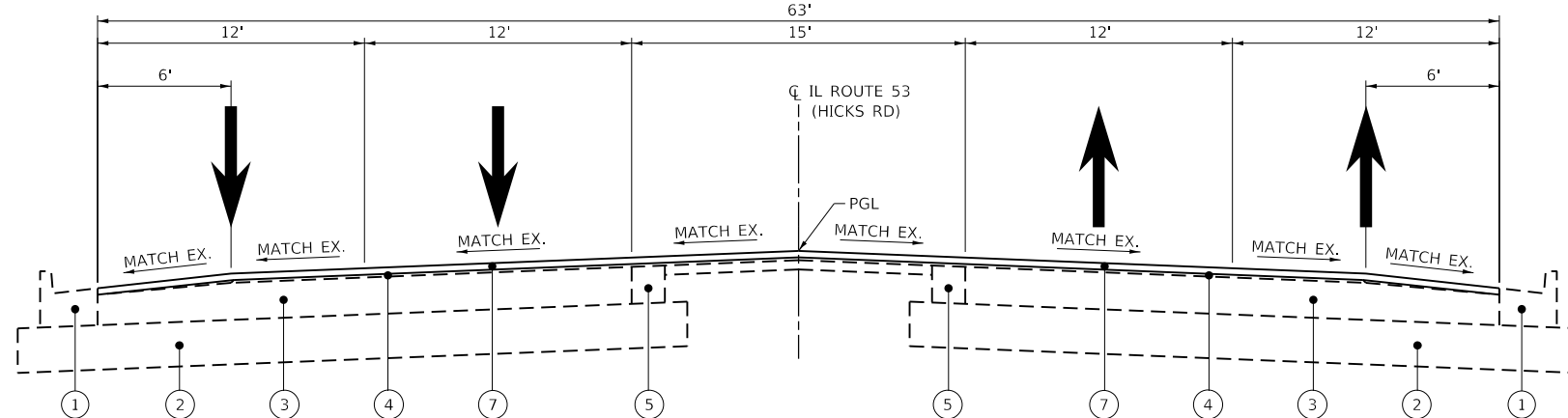
SCHEDULE OF QUANTITIES			
IL. RTE 53 / HICKS RD. : LAKE-COOK RD. - U.S. 14 (NORTHWEST HWY)			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	2020-046-R5	COOK	58	10
				CONTRACT NO. 62L18
		ILLINOIS	FED. AID PROJECT	



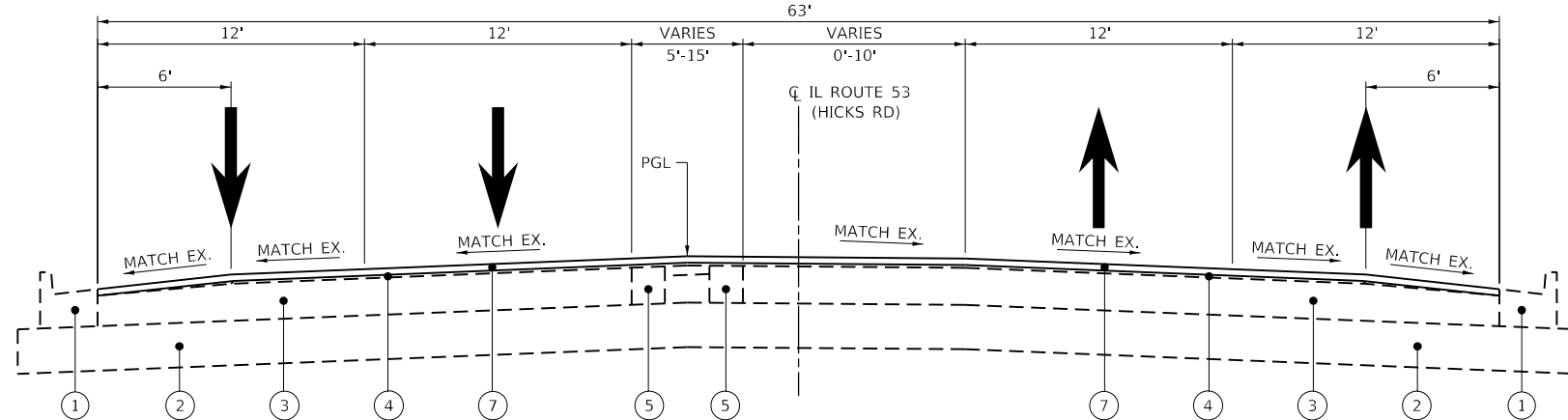
EXISTING TYPICAL SECTION - HICKS ROAD

(SOUTH OF LAKE-COOK RD - LOOKING NORTH)
 STA. 11+50.00 TO STA. 105+15.47
 STA. 122+98.45 TO STA. 135+75.55
 STA. 137+85.40 TO STA. 145+00.00



PROPOSED TYPICAL SECTION - HICKS ROAD

(SOUTH OF LAKE-COOK RD - LOOKING NORTH)
 STA. 11+50.00 TO STA. 105+15.47
 STA. 122+98.45 TO STA. 135+75.55
 STA. 137+85.40 TO STA. 145+00.00



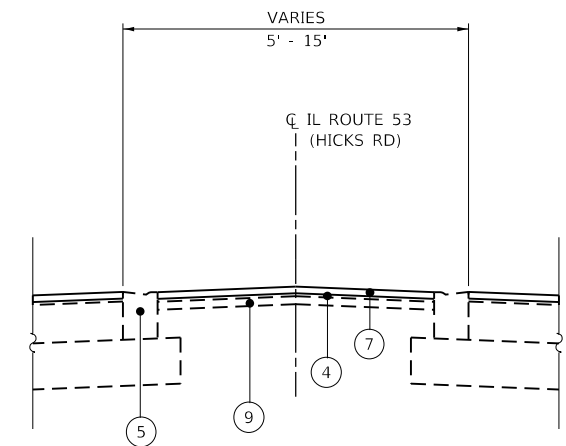
PROPOSED TYPICAL SECTION - HICKS ROAD

(SOUTH OF LAKE-COOK RD - LOOKING NORTH)
 STA. 11+50.00 TO STA. 145+00.00

NOTE: CONTRACTOR SHALL PATCH FIRST BEFORE MILLING

NOTES

1. PROPOSED COMBINATION CURB AND GUTTER REPLACEMENT SHALL BE DONE AT LOCATIONS INDICATED BY THE RESIDENT ENGINEER.
2. THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE MILLED SURFACE.



EXISTING TYPICAL SECTION - HICKS ROAD

(SOUTH OF LAKE-COOK RD - LOOKING NORTH)
 STA. 105+15.47 TO STA. 122+98.45
 STA. 135+75.55 TO STA. 137+85.40

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE	AIR VOIDS (%)	QMP
PAVEMENT RESURFACING		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", IL-9.5, N70	4% @ 70 GYR.	PFP
HMA DRIVEWAY (PRIVATE ENTRANCE)		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5 MM)	4% @ 50 GYR	QC/QA
HOT-MIX ASPHALT BASE COURSE, 6" (HMA BINDER IL-19 MM)	4% @ 50 GYR	QC/QA
HMA DRIVEWAY (COMMERCIAL ENTRANCE)		
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL-9.5 MM)	4% @ 50 GYR	QC/QA
HOT-MIX ASPHALT BASE COURSE, 8" (HMA BINDER IL-19 MM)	4% @ 50 GYR	QC/QA
PATCHING		
CLASS D PATCH (HMA BINDER, IL-19 MM, N70)	4% @ 70 GYR.	QC/QA
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-10 MM, N70)	4% @ 70 GYR.	QC/QA

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

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

FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS

LEGEND

- ① EXISTING COMBINATION CURB AND GUTTER, TYPE B-6.24 (SEE NOTE 1)
- ② EXISTING AGGREGATE BASE COURSE
- ③ EXISTING PCC PAVEMENT, 10"±
- ④ EXISTING HMA PAVEMENT
- ⑤ EXISTING COMBINATION CURB AND GUTTER, TYPE M-2.12
- ⑥ PROPOSED SURFACE REMOVAL, 1 3/4"
- ⑦ PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, "MIX E", IL-9.5, N70, 1 3/4"
- ⑧ EXISTING HMA MEDIAN

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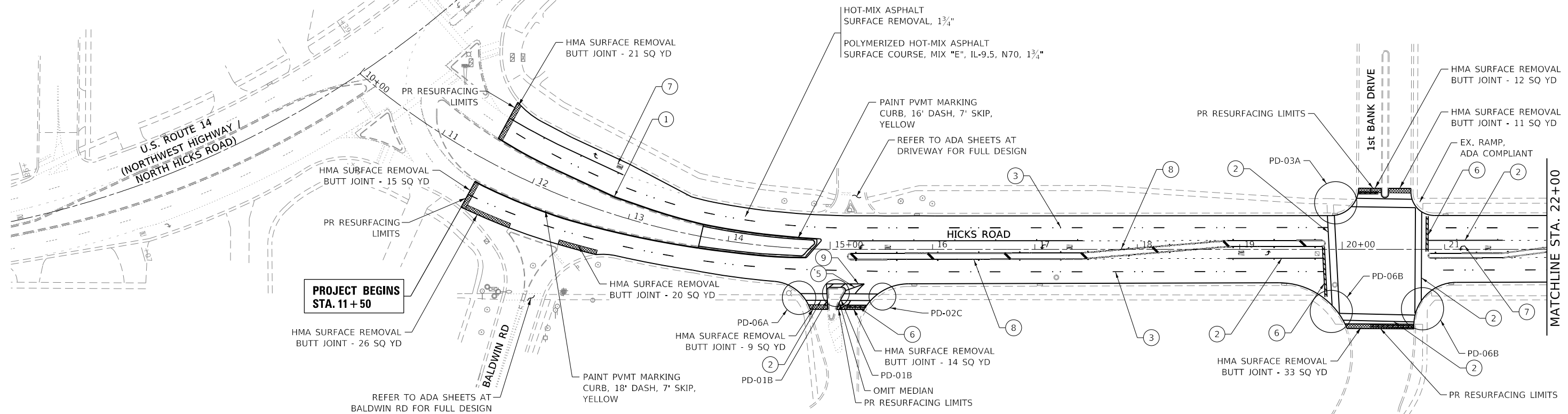
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

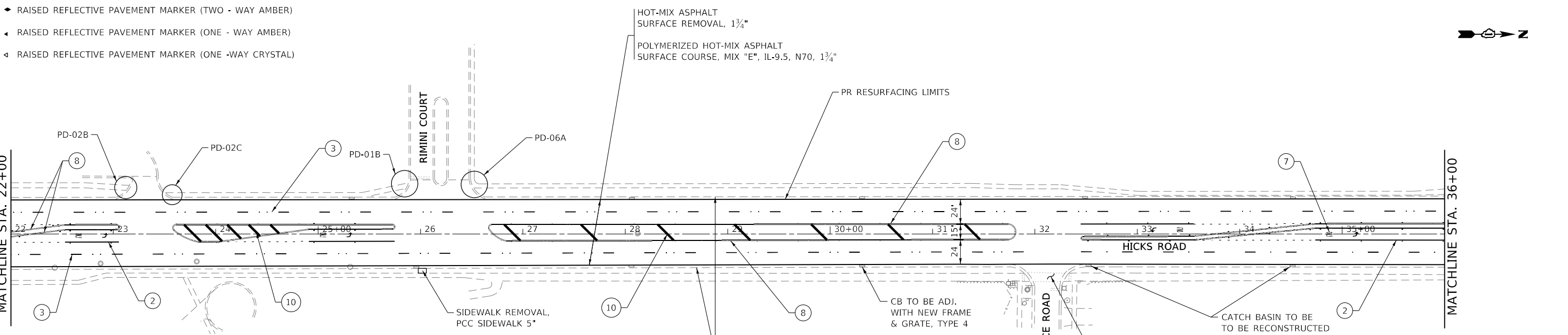
TYPICAL SECTIONS
IL. RTE 53 / HICKS RD. : LAKE-COOK RD. - U.S. 14 (NORTHWEST HWY)
 SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	2020-046-R5	COOK	58	11
CONTRACT NO. 62L18				
		ILLINOIS	FED. AID PROJECT	



SYMBOLS LEGEND

- ◆ RAISED REFLECTIVE PAVEMENT MARKER (TWO - WAY AMBER)
- ▲ RAISED REFLECTIVE PAVEMENT MARKER (ONE - WAY AMBER)
- ◀ RAISED REFLECTIVE PAVEMENT MARKER (ONE - WAY CRYSTAL)



THERMOPLASTIC PAVEMENT MARKING LEGEND

- | | |
|---|--|
| ① 4" SOLID LINE, YELLOW | ⑦ LETTERS AND SYMBOLS, WHITE |
| ② 6" SOLID LINE, WHITE | ⑧ 4" DOUBLE LINE, YELLOW |
| ③ 4" LINE, WHITE (30' SKIP, 10' DASH) | ⑨ 8" SOLID LINE, WHITE |
| ④ 6" LINE, WHITE (6' SKIP, 2' DASH) | ⑩ 12" DIAGONAL LINES, 45 DEGREES, YELLOW |
| ⑤ 12" DIAGONAL LINES, 45 DEGREES, WHITE | ⑪ 4" LINE, YELLOW (30' SKIP, 10' DASH) |
| ⑥ 24" SOLID LINE, WHITE | |

NOTE:

1. ALL PAVEMENT MARKINGS SHALL BE PLACED ACCORDING TO DISTRICT 1 STANDARDS, TC-13, UNLESS OTHERWISE NOTED.
2. ALL REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED ACCORDING TO DISTRICT 1 STANDARDS, TC-11.

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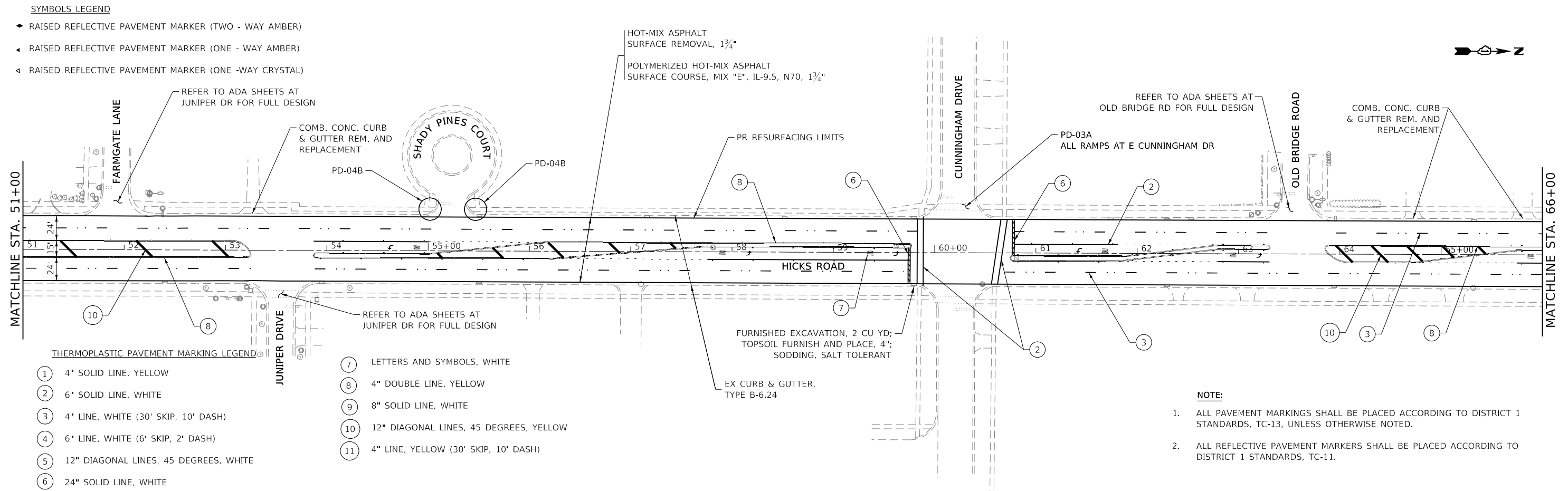
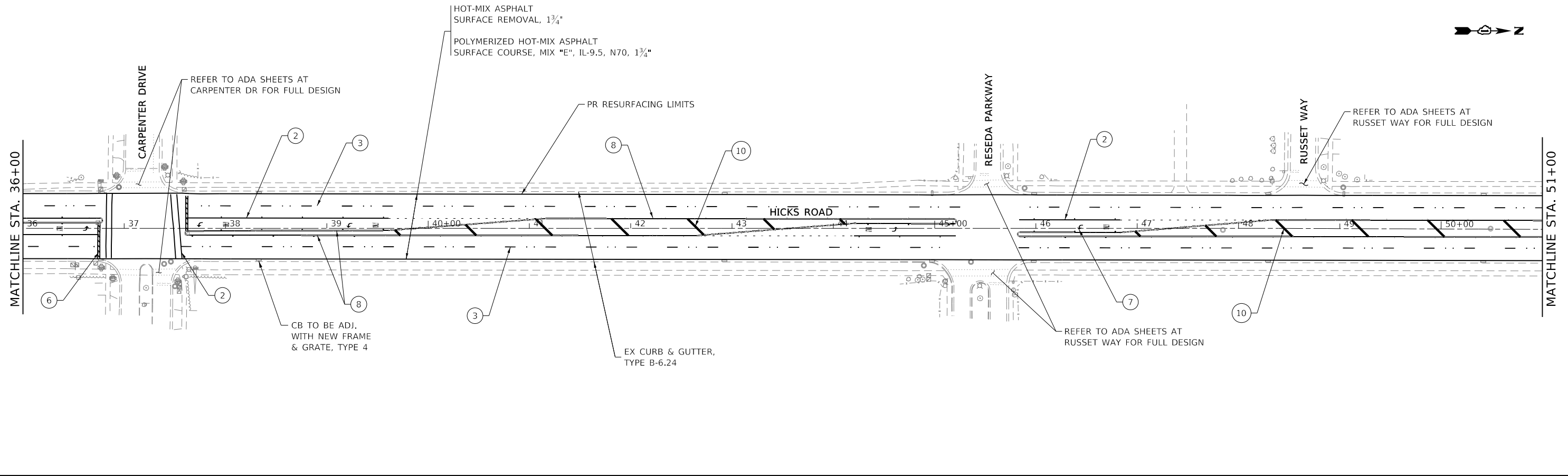
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY AND PAVEMENT MARKING PLAN
IL. RTE 53 / HICKS RD.: LAKE-COOK RD. - U.S. 14 (NORTHWEST HWY)**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	2020-046-RS	COOK	58	12
CONTRACT NO. 62L18				
ILLINOIS FED. AID PROJECT				



SYMBOLS LEGEND

- ◆ RAISED REFLECTIVE PAVEMENT MARKER (TWO - WAY AMBER)
- ▲ RAISED REFLECTIVE PAVEMENT MARKER (ONE - WAY AMBER)
- ◀ RAISED REFLECTIVE PAVEMENT MARKER (ONE -WAY CRYSTAL)

THERMOPLASTIC PAVEMENT MARKING LEGEND

- ① 4" SOLID LINE, YELLOW
- ② 6" SOLID LINE, WHITE
- ③ 4" LINE, WHITE (30' SKIP, 10' DASH)
- ④ 6" LINE, WHITE (6' SKIP, 2' DASH)
- ⑤ 12" DIAGONAL LINES, 45 DEGREES, WHITE
- ⑥ 24" SOLID LINE, WHITE
- ⑦ LETTERS AND SYMBOLS, WHITE
- ⑧ 4" DOUBLE LINE, YELLOW
- ⑨ 8" SOLID LINE, WHITE
- ⑩ 12" DIAGONAL LINES, 45 DEGREES, YELLOW
- ⑪ 4" LINE, YELLOW (30' SKIP, 10' DASH)

NOTE:

1. ALL PAVEMENT MARKINGS SHALL BE PLACED ACCORDING TO DISTRICT 1 STANDARDS, TC-13, UNLESS OTHERWISE NOTED.
2. ALL REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED ACCORDING TO DISTRICT 1 STANDARDS, TC-11.

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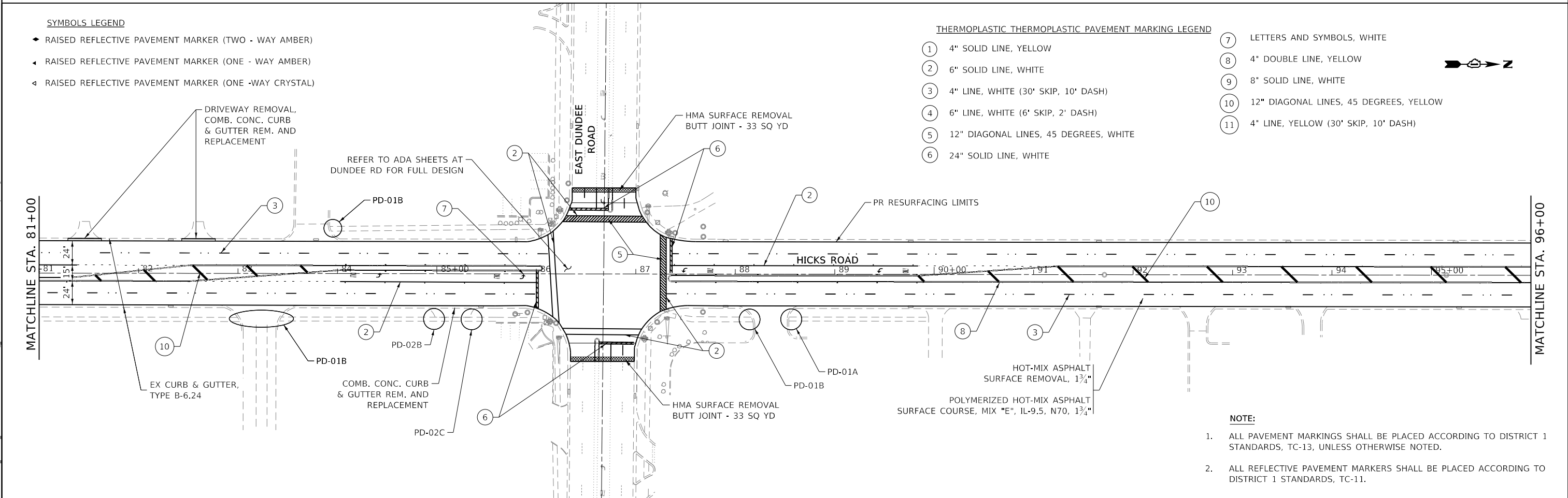
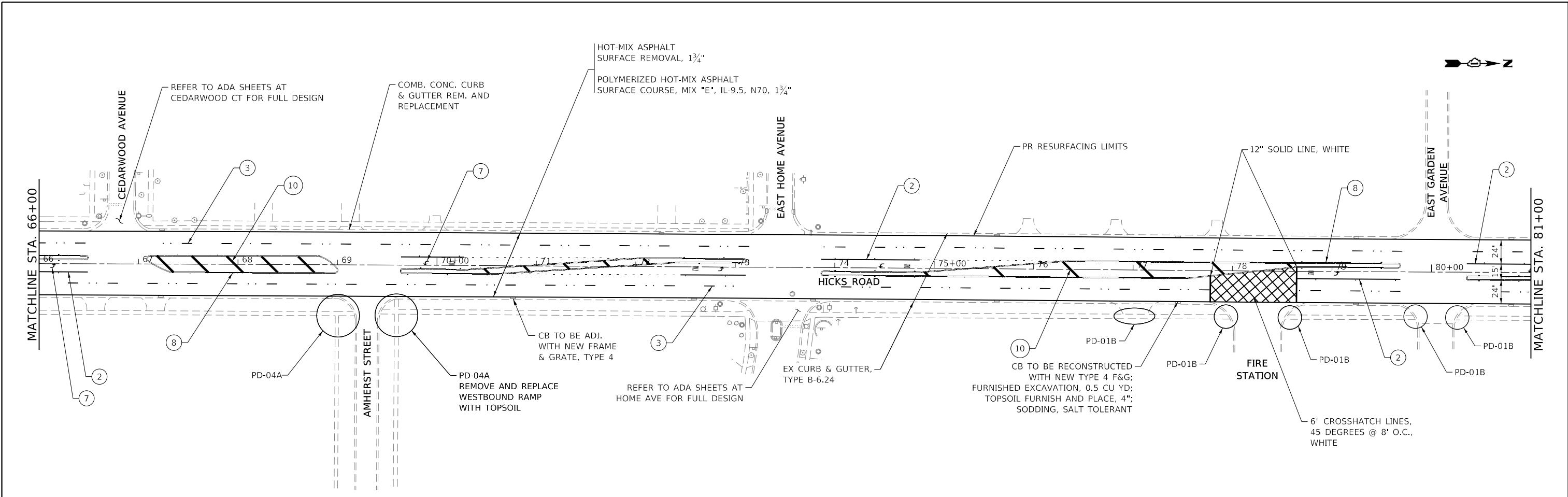


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	DATE - 11/25/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY AND PAVEMENT MARKING PLAN
IL. RTE 53 / HICKS RD. : LAKE-COOK RD. - U.S. 14 (NORTHWEST HWY)
 SCALE: 1"=50' SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	2020-046-RS	COOK	58	13
CONTRACT NO. 62L18				
ILLINOIS FED. AID PROJECT				



SYMBOLS LEGEND

- ◆ RAISED REFLECTIVE PAVEMENT MARKER (TWO - WAY AMBER)
- ▲ RAISED REFLECTIVE PAVEMENT MARKER (ONE - WAY AMBER)
- ◀ RAISED REFLECTIVE PAVEMENT MARKER (ONE -WAY CRYSTAL)

THERMOPLASTIC THERMOPLASTIC PAVEMENT MARKING LEGEND

- ① 4" SOLID LINE, YELLOW
- ② 6" SOLID LINE, WHITE
- ③ 4" LINE, WHITE (30' SKIP, 10' DASH)
- ④ 6" LINE, WHITE (6' SKIP, 2' DASH)
- ⑤ 12" DIAGONAL LINES, 45 DEGREES, WHITE
- ⑥ 24" SOLID LINE, WHITE
- ⑦ LETTERS AND SYMBOLS, WHITE
- ⑧ 4" DOUBLE LINE, YELLOW
- ⑨ 8" SOLID LINE, WHITE
- ⑩ 12" DIAGONAL LINES, 45 DEGREES, YELLOW
- ⑪ 4" LINE, YELLOW (30' SKIP, 10' DASH)

NOTE:

1. ALL PAVEMENT MARKINGS SHALL BE PLACED ACCORDING TO DISTRICT 1 STANDARDS, TC-13, UNLESS OTHERWISE NOTED.
2. ALL REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED ACCORDING TO DISTRICT 1 STANDARDS, TC-11.

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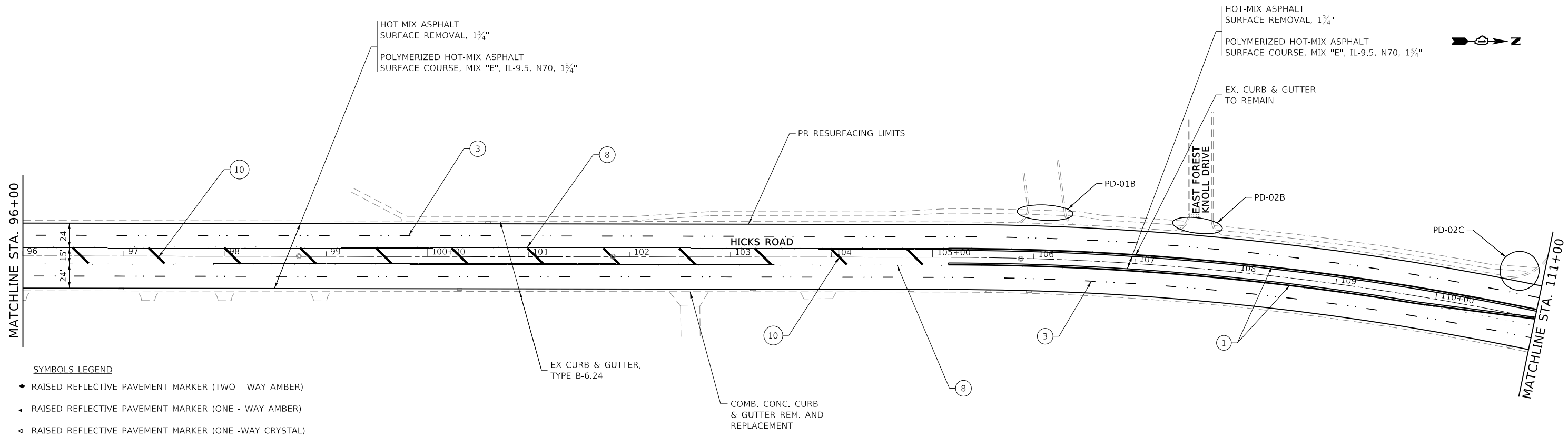
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY AND PAVEMENT MARKING PLAN
IL. RTE 53 / HICKS RD. : LAKE-COOK RD. - U.S. 14 (NORTHWEST HWY)**

SCALE: 1"=50' SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	2020-046-RS	COOK	58	14
CONTRACT NO. 62L18				
ILLINOIS FED. AID PROJECT				

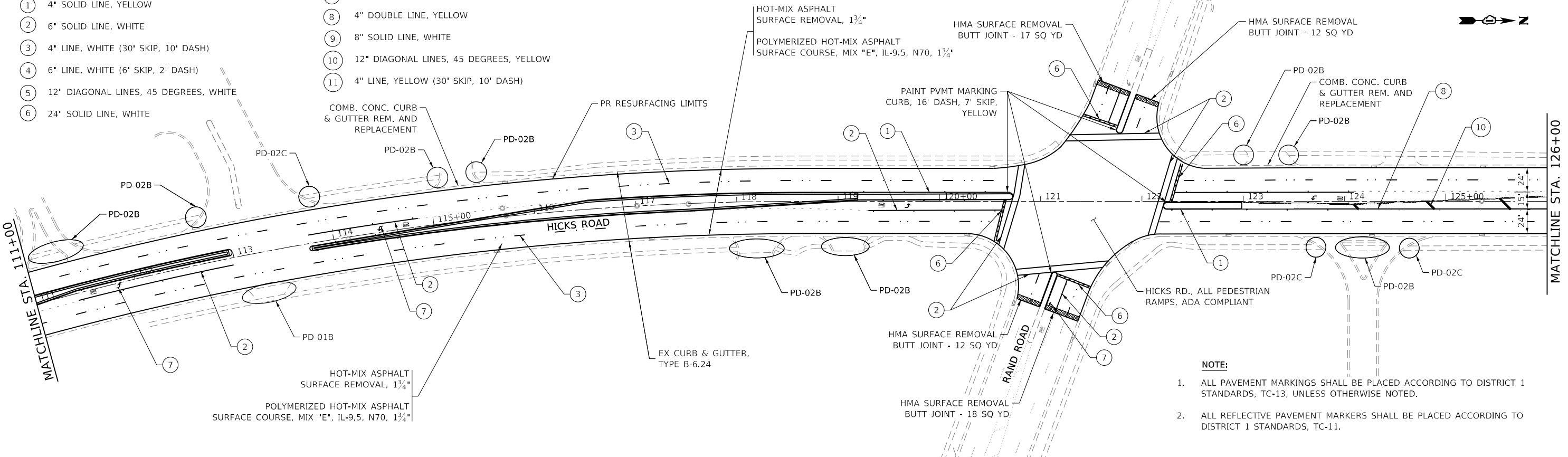


SYMBOLS LEGEND

- ◆ RAISED REFLECTIVE PAVEMENT MARKER (TWO - WAY AMBER)
- ▲ RAISED REFLECTIVE PAVEMENT MARKER (ONE - WAY AMBER)
- ◀ RAISED REFLECTIVE PAVEMENT MARKER (ONE -WAY CRYSTAL)

THERMOPLASTIC PAVEMENT MARKING LEGEND

- | | |
|---|--|
| ① 4" SOLID LINE, YELLOW | ⑦ LETTERS AND SYMBOLS, WHITE |
| ② 6" SOLID LINE, WHITE | ⑧ 4" DOUBLE LINE, YELLOW |
| ③ 4" LINE, WHITE (30' SKIP, 10' DASH) | ⑨ 8" SOLID LINE, WHITE |
| ④ 6" LINE, WHITE (6' SKIP, 2' DASH) | ⑩ 12" DIAGONAL LINES, 45 DEGREES, YELLOW |
| ⑤ 12" DIAGONAL LINES, 45 DEGREES, WHITE | ⑪ 4" LINE, YELLOW (30' SKIP, 10' DASH) |
| ⑥ 24" SOLID LINE, WHITE | |



- NOTE:**
1. ALL PAVEMENT MARKINGS SHALL BE PLACED ACCORDING TO DISTRICT 1 STANDARDS, TC-13, UNLESS OTHERWISE NOTED.
 2. ALL REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED ACCORDING TO DISTRICT 1 STANDARDS, TC-11.

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	DATE - 11/25/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

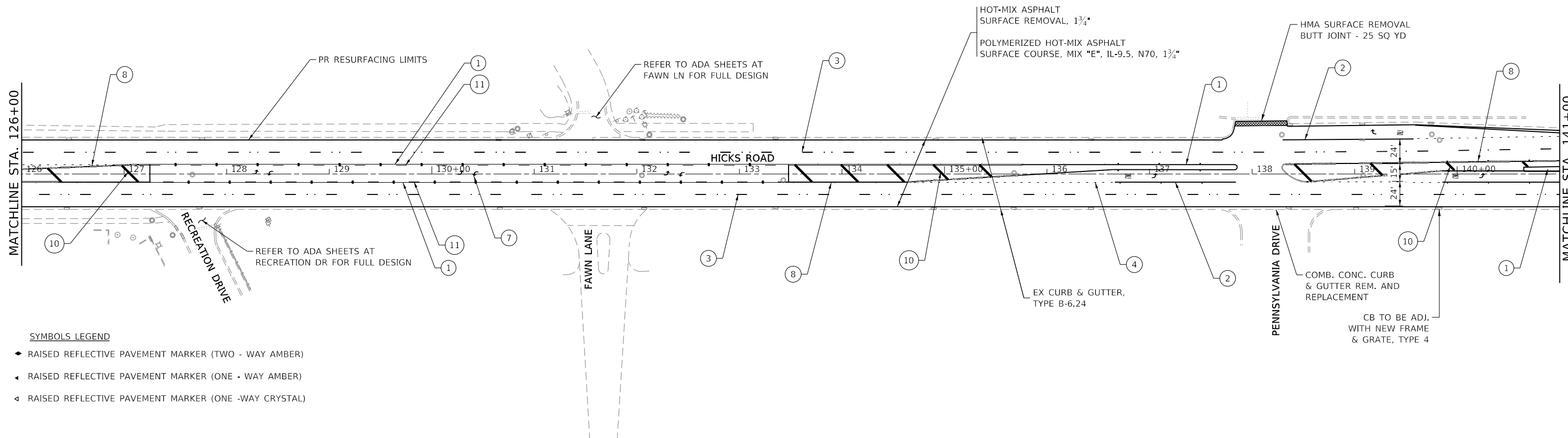
**ROADWAY AND PAVEMENT MARKING PLAN
IL. RTE 53 / HICKS RD. : LAKE-COOK RD. - U.S. 14 (NORTHWEST HWY)**

SCALE: 1"=50' SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.U. RTE. 2592	SECTION 2020-046-RS	COUNTY COOK	TOTAL SHEETS 58	SHEET NO. 15
CONTRACT NO. 62L18			ILLINOIS FED. AID PROJECT	

MATCHLINE STA. 126+00

MATCHLINE STA. 141+00

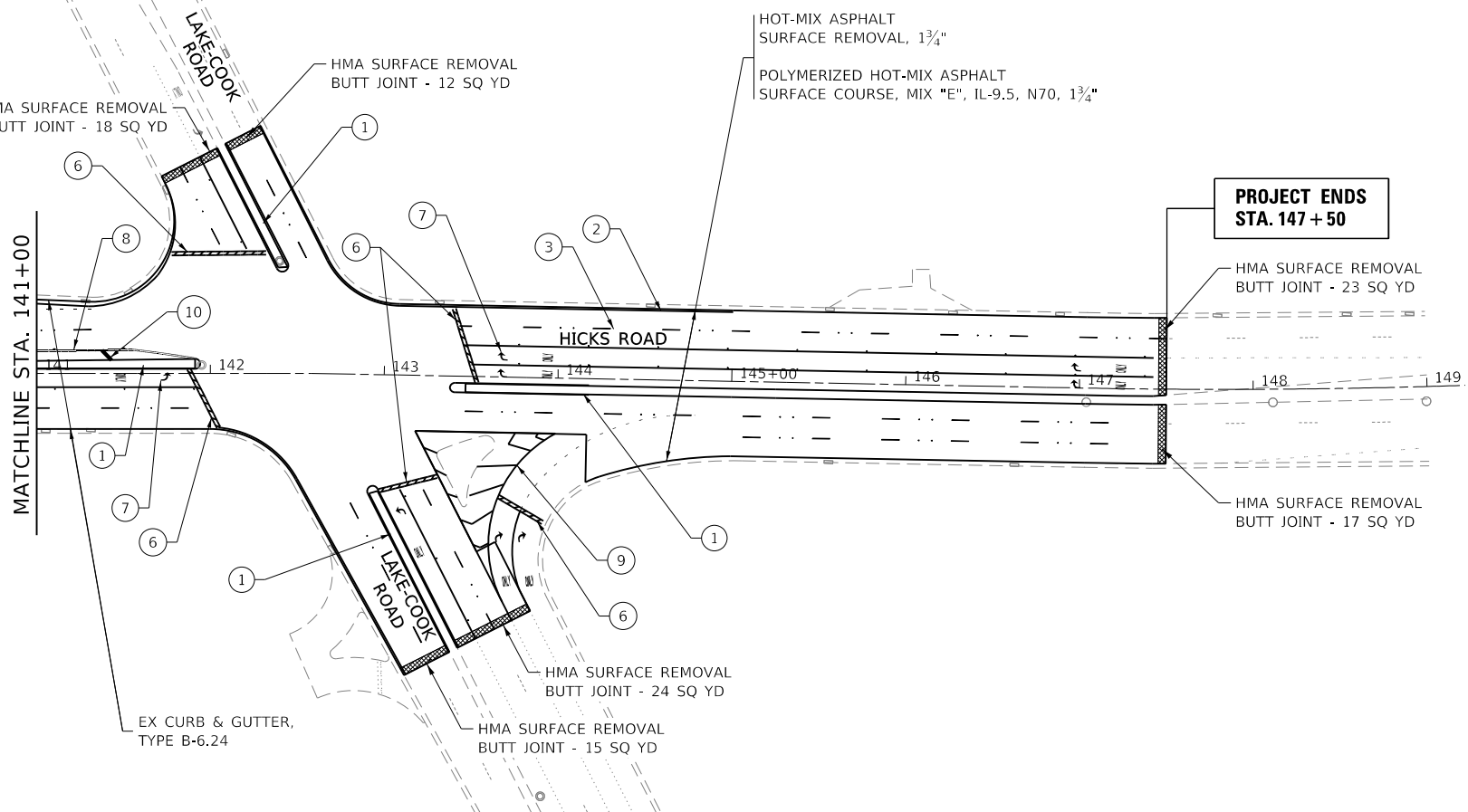


SYMBOLS LEGEND

- ◆ RAISED REFLECTIVE PAVEMENT MARKER (TWO - WAY AMBER)
- ▲ RAISED REFLECTIVE PAVEMENT MARKER (ONE - WAY AMBER)
- ◀ RAISED REFLECTIVE PAVEMENT MARKER (ONE - WAY CRYSTAL)

MATCHLINE STA. 141+00

MATCHLINE STA. 147+50



**PROJECT ENDS
STA. 147 + 50**

THERMOPLASTIC PAVEMENT MARKING LEGEND

- ① 4" SOLID LINE, YELLOW
- ② 6" SOLID LINE, WHITE
- ③ 4" LINE, WHITE (30' SKIP, 10' DASH)
- ④ 6" LINE, WHITE (6' SKIP, 2' DASH)
- ⑤ 12" DIAGONAL LINES, 45 DEGREES, WHITE
- ⑥ 24" SOLID LINE, WHITE
- ⑦ LETTERS AND SYMBOLS, WHITE
- ⑧ 4" DOUBLE LINE, YELLOW
- ⑨ 8" SOLID LINE, WHITE
- ⑩ 12" DIAGONAL LINES, 45 DEGREES, YELLOW
- ⑪ 4" LINE, YELLOW (30' SKIP, 10' DASH)

NOTE:

1. ALL PAVEMENT MARKINGS SHALL BE PLACED ACCORDING TO DISTRICT 1 STANDARDS, TC-13, UNLESS OTHERWISE NOTED.
2. ALL REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED ACCORDING TO DISTRICT 1 STANDARDS, TC-11.

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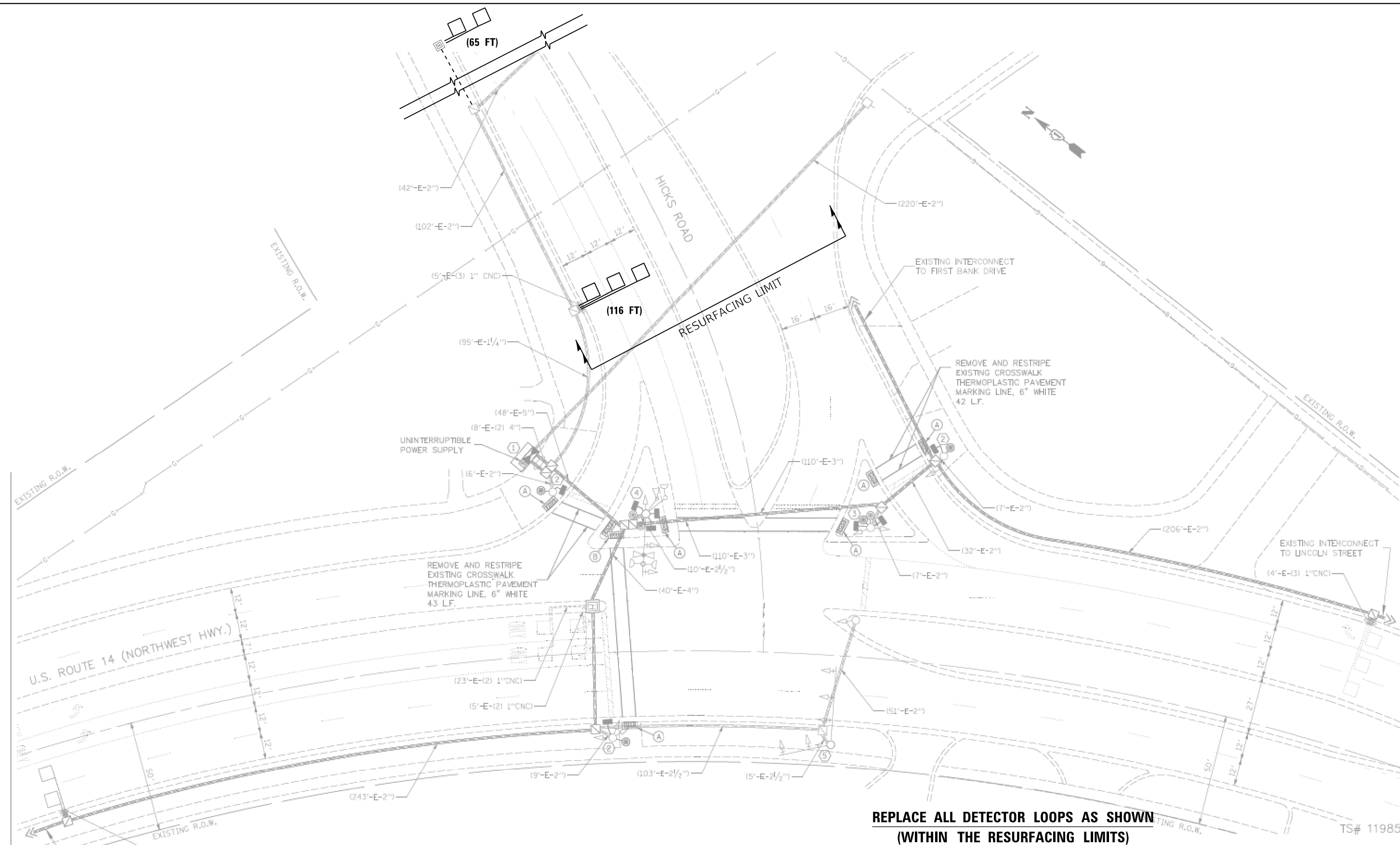
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PLOT SCALE = 100.0000' / in.	DRAWN - AWM / AIM	REVISED -
PLOT DATE = 11/25/2020	CHECKED - JA / MMO	REVISED -
	DATE - 11/25/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY AND PAVEMENT MARKING PLAN	
IL. RTE 53 / HICKS RD. : LAKE-COOK RD. - U.S. 14 (NORTHWEST HWY)	
SCALE: 1"=50'	SHEET 5 OF 5 SHEETS
STA. TO STA.	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	2020-046-RS	COOK	58	16
CONTRACT NO. 62L18				
ILLINOIS FED. AID PROJECT				

MODEL: D:\p1\1811028_P181.DWG 11-HicksRd Resurfacing.dwg 62118\CADD\CADD_Sheets\01429200-rht-017-Detector Loop Plan_1.US 14.dwg
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**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

- 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	181	FOOT

**ECON 13
TS#11985**



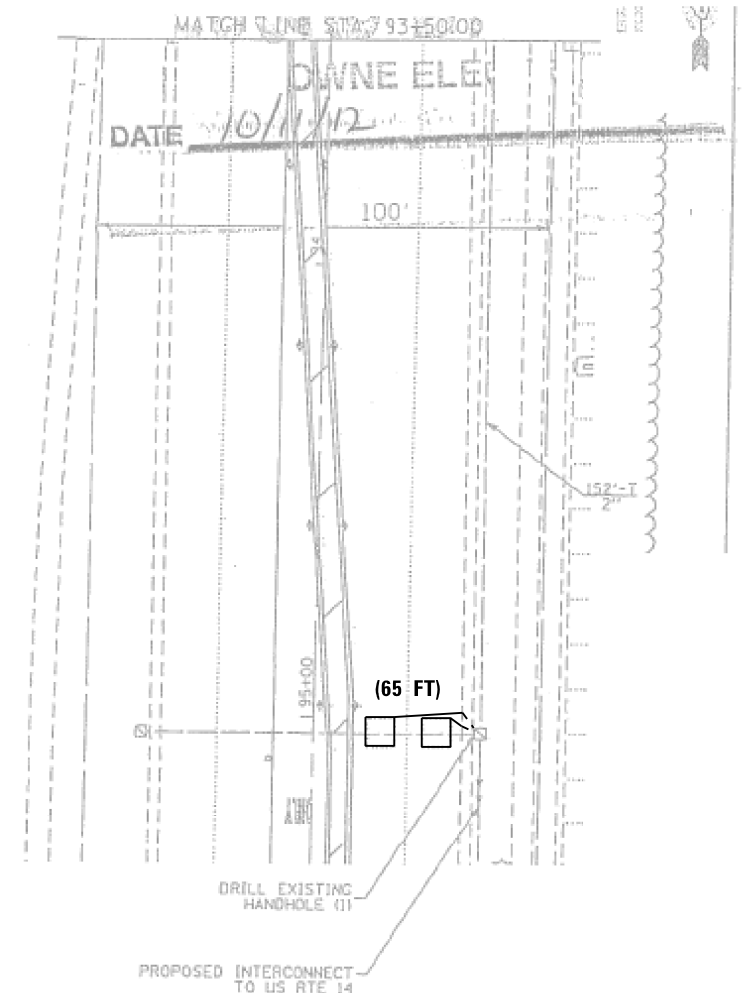
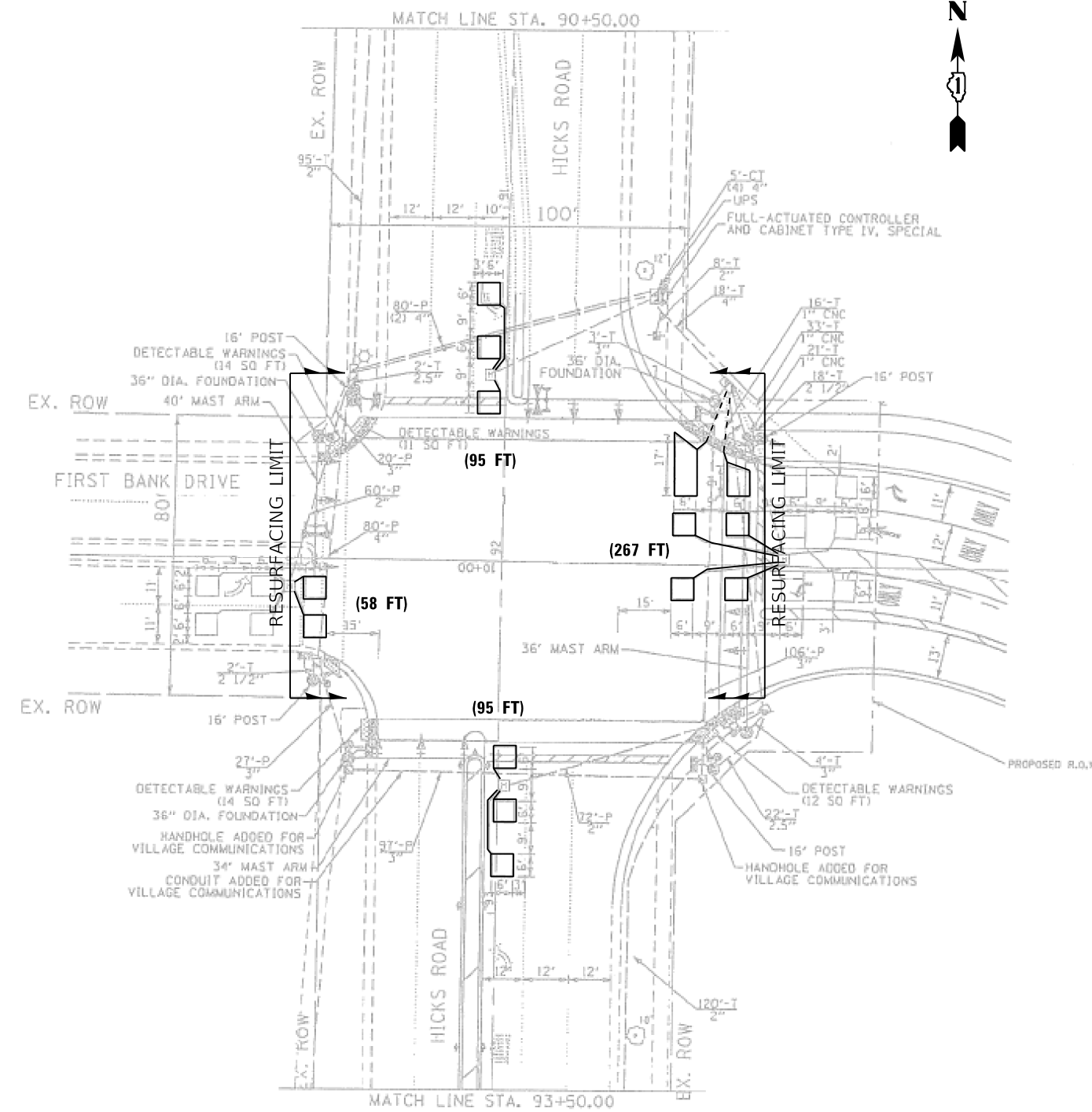
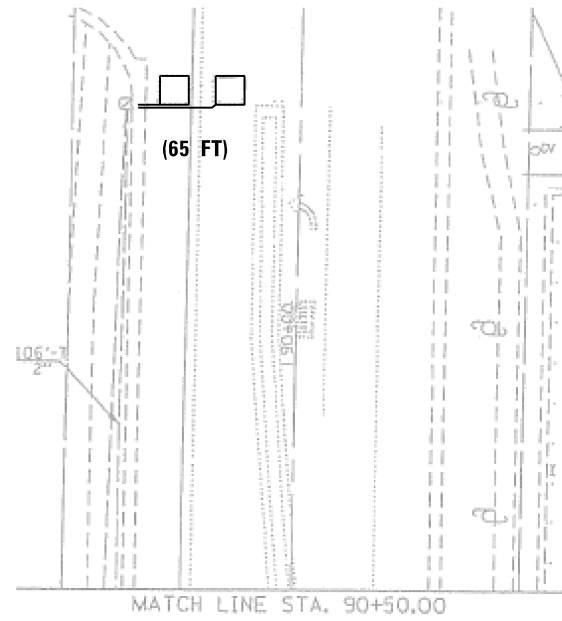
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PLOT SCALE = 40.0000' / in.	DRAWN - LEG / AWM	REVISED -
PLOT DATE = 11/25/2020	CHECKED - JA / MMO	REVISED -
	DATE - 11/25/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN - U.S. 14
IL. RTE 53 / HICKS RD. : LAKE-COOK RD. - U.S. 14 (NORTHWEST HWY)**

F.A.U. RTE. 2592	SECTION 2020-046-R5	COUNTY COOK	TOTAL SHEETS 58	SHEET NO. 17
CONTRACT NO. 62L18				
ILLINOIS FED. AID PROJECT				

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



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

- 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	645	FOOT

**ECON 13
TS#14730**

MODEL: Dwg.dgn
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 SHEET: 012930-018-Detector Loop Plan 2_1st_Bank Dr.dgn



USER NAME = wnohamed	DESIGNED - LEG / AWM	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - LEG / AWM	REVISED -
PLOT DATE = 11/25/2020	CHECKED - JA / MMO	REVISED -
	DATE - 11/25/2020	REVISED -

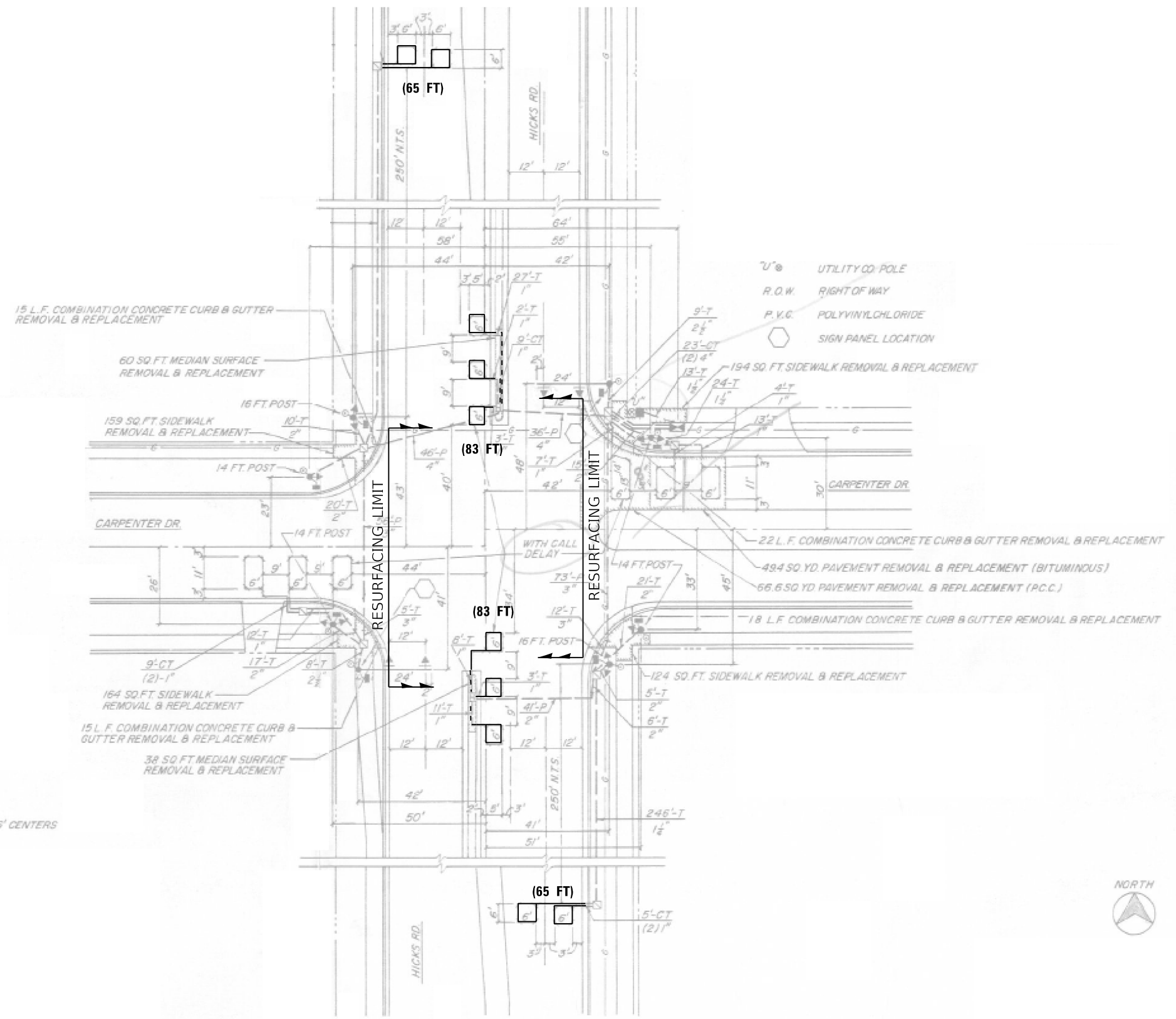
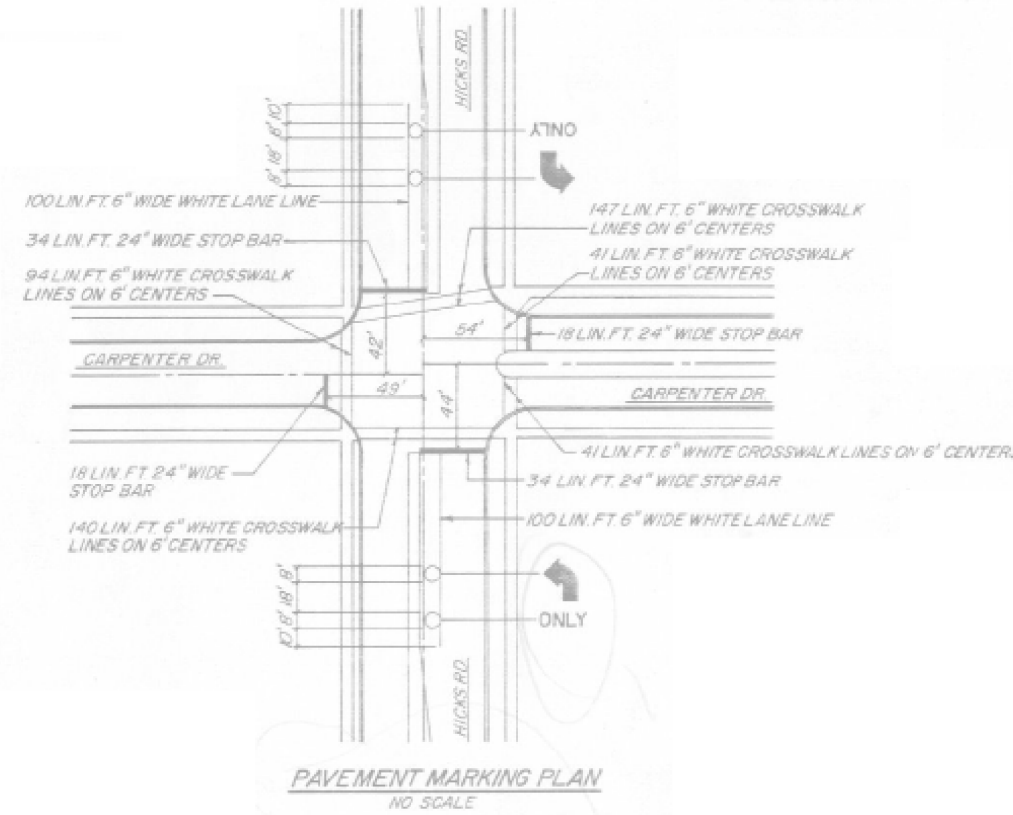
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN - 1st. BANK DR.
IL. RTE 53 / HICKS RD. : LAKE-COOK RD. - U.S. 14 (NORTHWEST HWY)**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	2020-046-R5	COOK	58	18
CONTRACT NO. 62L18				
ILLINOIS FED. AID PROJECT				

MODEL: D:\dgn\11-HicksRd Resurfacing.dgn, 62118.CADD\CADD_Sheets\01429200-rht-019-Detector Loop Plan 3_E_Carpenter Dr.dgn
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**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

- 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	296	FOOT

TS#5315



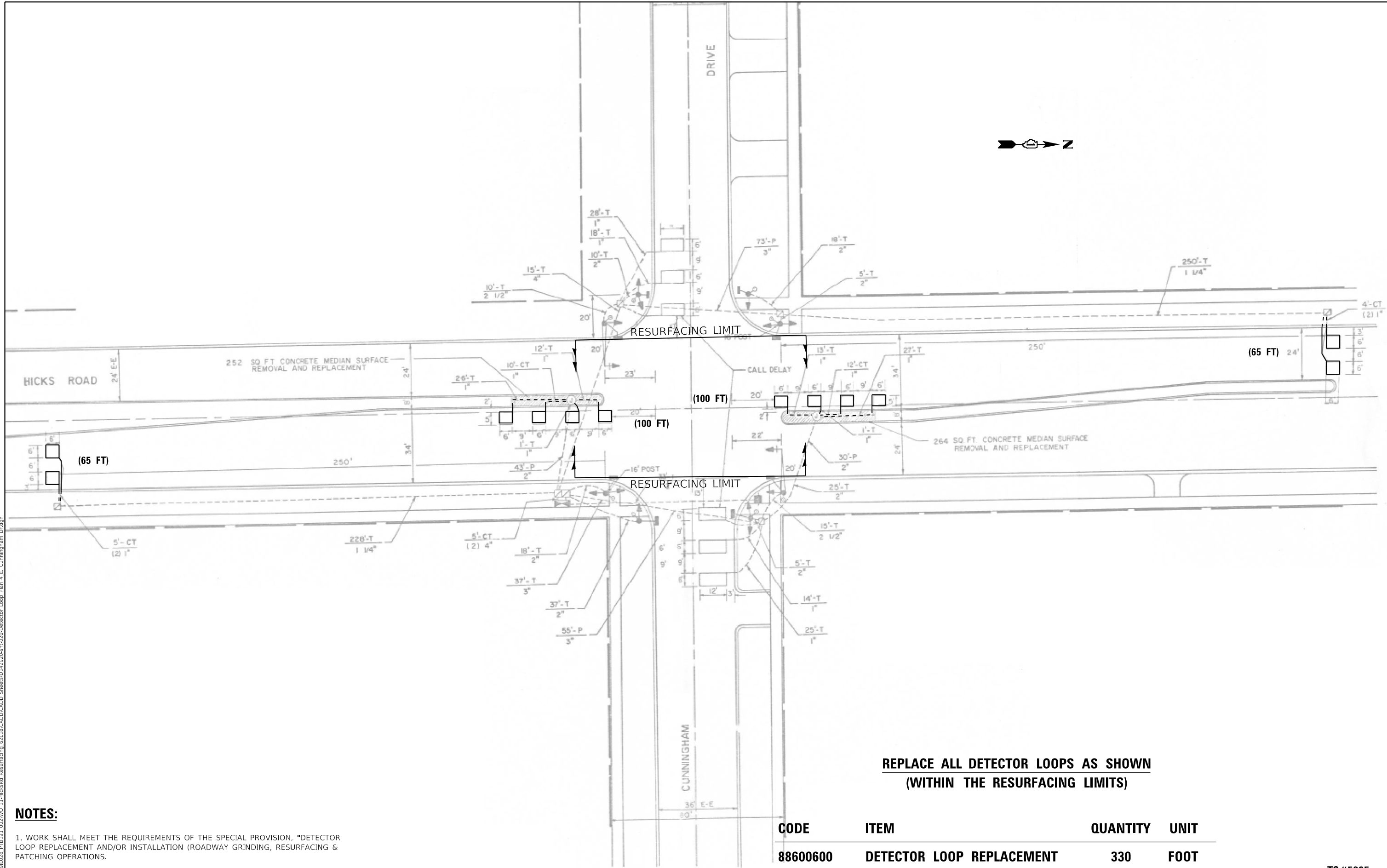
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	DRAWN - LEG / AWM	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - JA / MMO	REVISED -
PLOT DATE = 11/25/2020	DATE - 11/25/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN - E. CARPENTER DR.
IL. RTE 53 / HICKS RD. : LAKE-COOK RD. - U.S. 14 (NORTHWEST HWY)**

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

F.A.U. RTE. 2592	SECTION 2020-046-R5	COUNTY COOK	TOTAL SHEETS 58	SHEET NO. 19
CONTRACT NO. 62L18				
ILLINOIS FED. AID PROJECT				



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

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	330	FOOT

TS#5295

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USER NAME = wmoahammed	DESIGNED - LEG / AWM	REVISED -
	DRAWN - LEG / AWM	REVISED -
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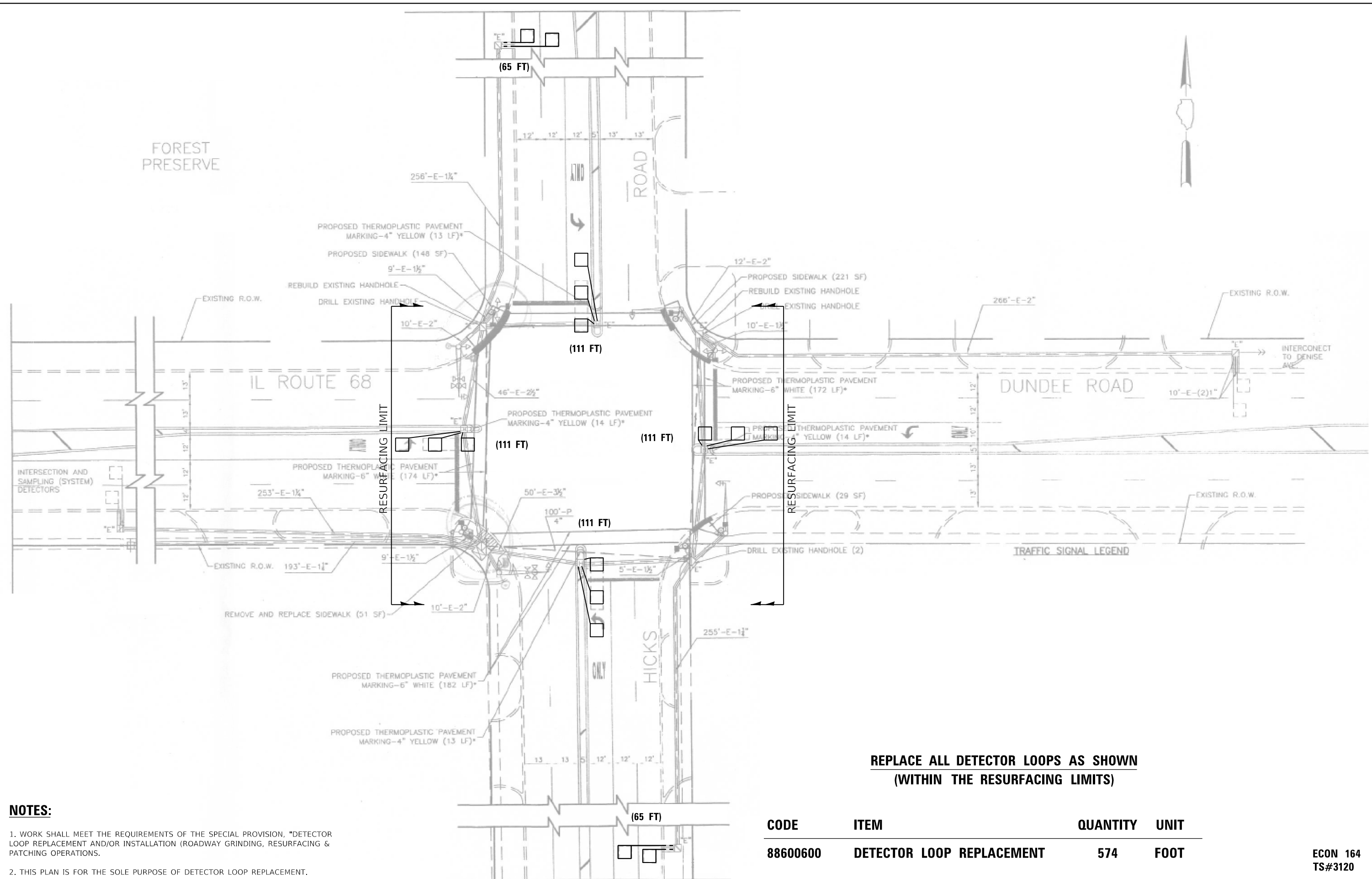
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN - E. CUNNINGHAM DR.
IL. RTE 53 / HICKS RD. : LAKE-COOK RD. - U.S. 14 (NORTHWEST HWY)**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	2020-046-R5	COOK	58	20
CONTRACT NO. 62L18				
ILLINOIS FED. AID PROJECT				

MODEL: D:\p1\0118\028_PTB\01_003\1\WO_11-HicksRd_Resurfacing.dwg
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 SHEET: 0118-CADD-CADD_Sheet01D12920-01-021-Detector Loop Plan S.W. Dundee Rd.dgn



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

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	574	FOOT

ECON 164
TS#3120



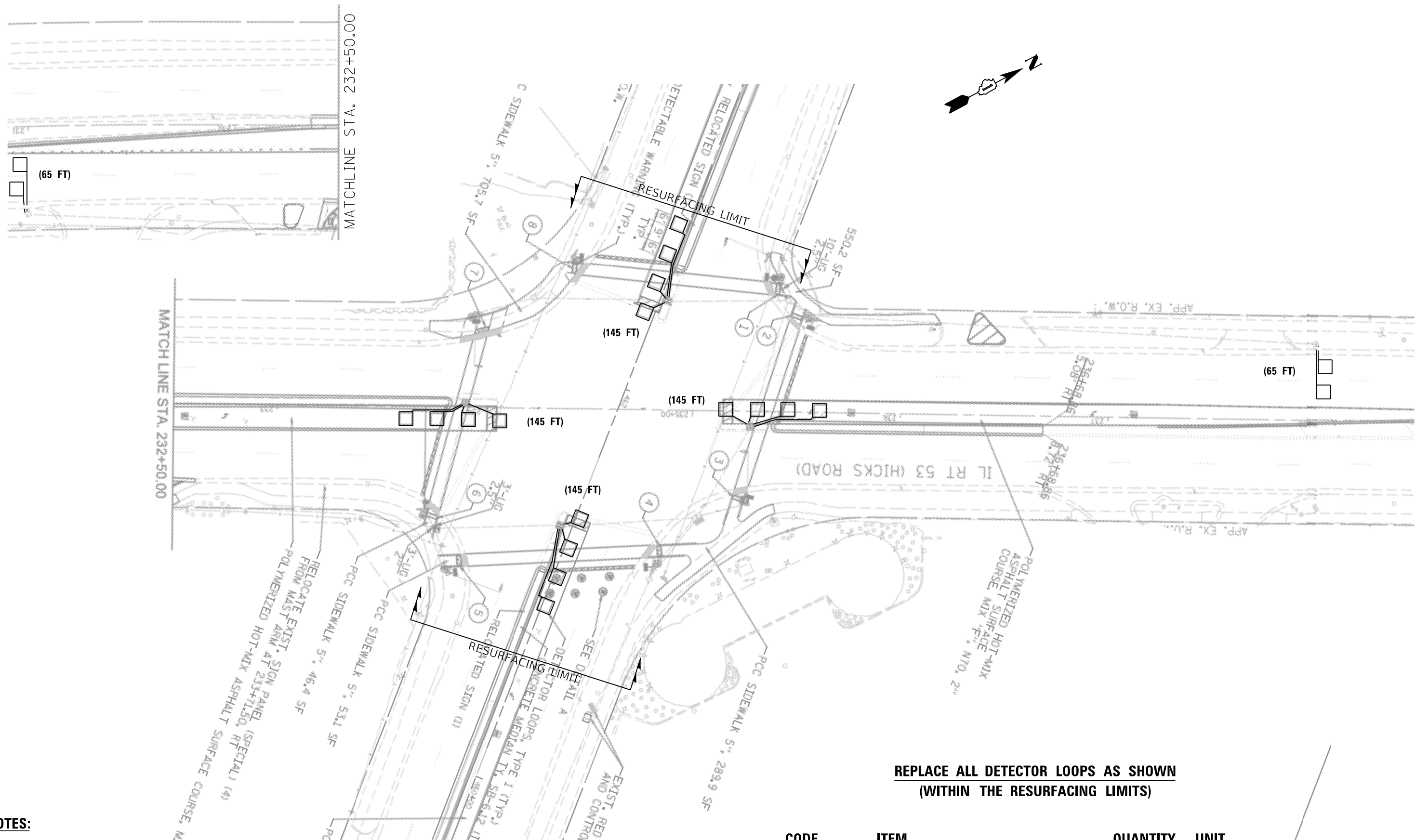
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PLOT SCALE = 40.0000' / in.	CHECKED - JA / MMO	REVISED -
PLOT DATE = 11/25/2020	DATE - 11/25/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN - W. DUNDEE RD.
IL. RTE 53 / HICKS RD. : LAKE-COOK RD. - U.S. 14 (NORTHWEST HWY)**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	2020-046-R5	COOK	58	21
CONTRACT NO. 62L18				
ILLINOIS FED. AID PROJECT				



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

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	710	FOOT

**ECON 147
TS#1150**

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 SHEET: 01 OF 02
 PROJECT: ILL. RTE 53 / HICKS RD. LAKE-COOK RD. - U.S. 14 (NORTHWEST HWY)
 DRAWN BY: WMOHAMMED
 CHECKED BY: JMMO
 DATE: 11/25/2020



USER NAME = wmoammed	DESIGNED - LEG / AWM	REVISED -
	DRAWN - LEG / AWM	REVISED -
PLOT SCALE = 40.0000 ' / in.	CHECKED - JA / MMO	REVISED -
PLOT DATE = 11/25/2020	DATE - 11/25/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN - N. RAND RD.
IL. RTE 53 / HICKS RD. : LAKE-COOK RD. - U.S. 14 (NORTHWEST HWY)**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	2020-046-R5	COOK	58	22
CONTRACT NO. 62L18				
ILLINOIS FED. AID PROJECT				

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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.

QEI QUIGG ENGINEERING INC	USER NAME = wmoahammed	DESIGNED - LEG / AWM	REVISED -
	PLOT SCALE = 40,0000 ' / in.	DRAWN - LEG / AWM	REVISED -
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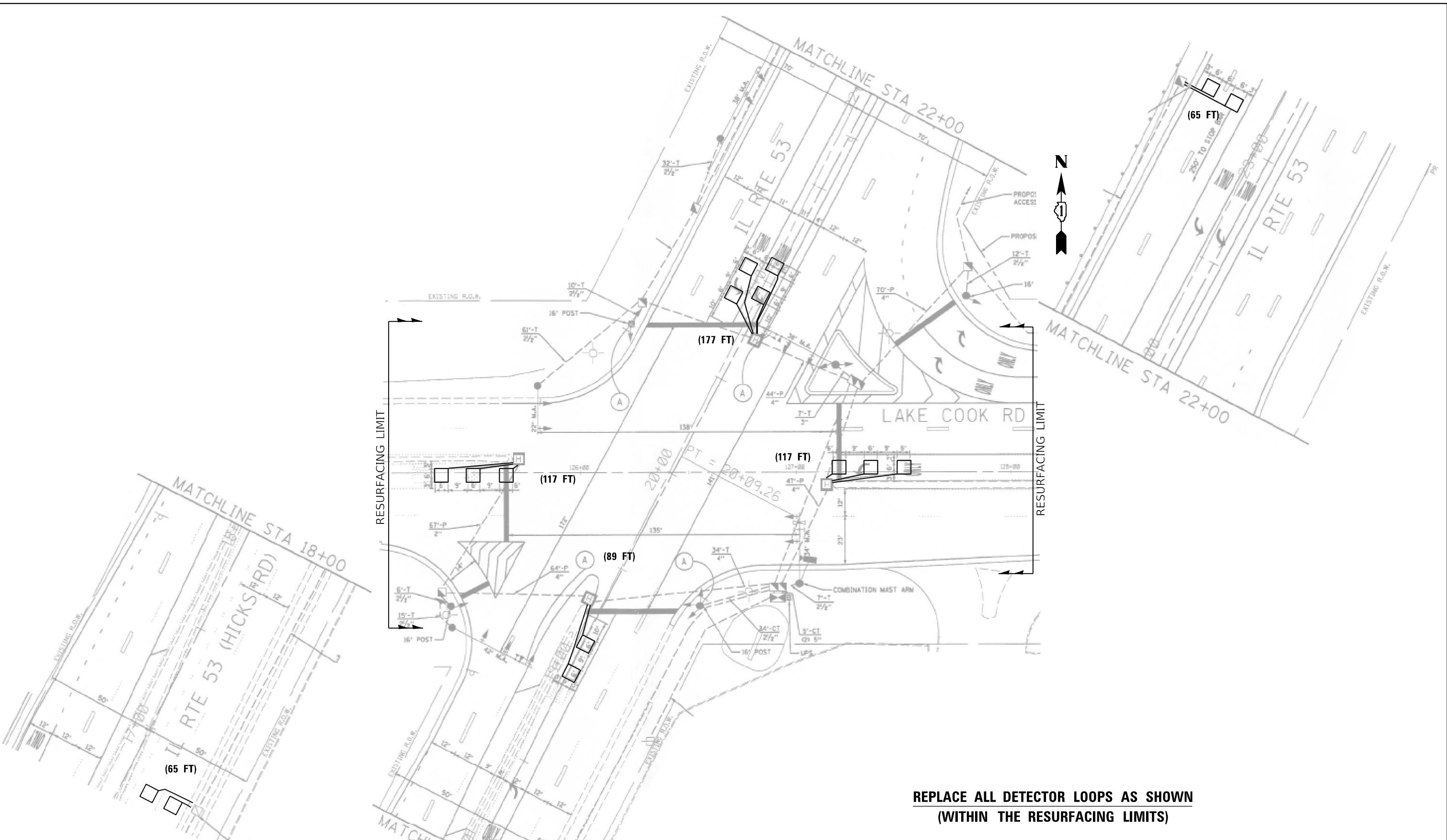
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN - LAKE COOK RD.
IL. RTE 53 / HICKS RD. : LAKE-COOK RD. - U.S. 14 (NORTHWEST HWY)**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	2020-046-R5	COOK	58	23
ILLINOIS			FED. AID PROJECT	
SCALE: 1":20'		SHEET OF SHEETS		STA. TO STA.

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	630	FOOT

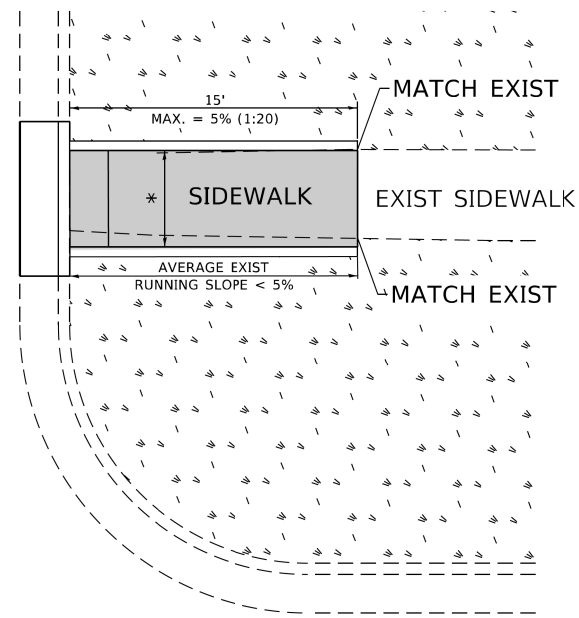
**ECON 147
TS#2677**



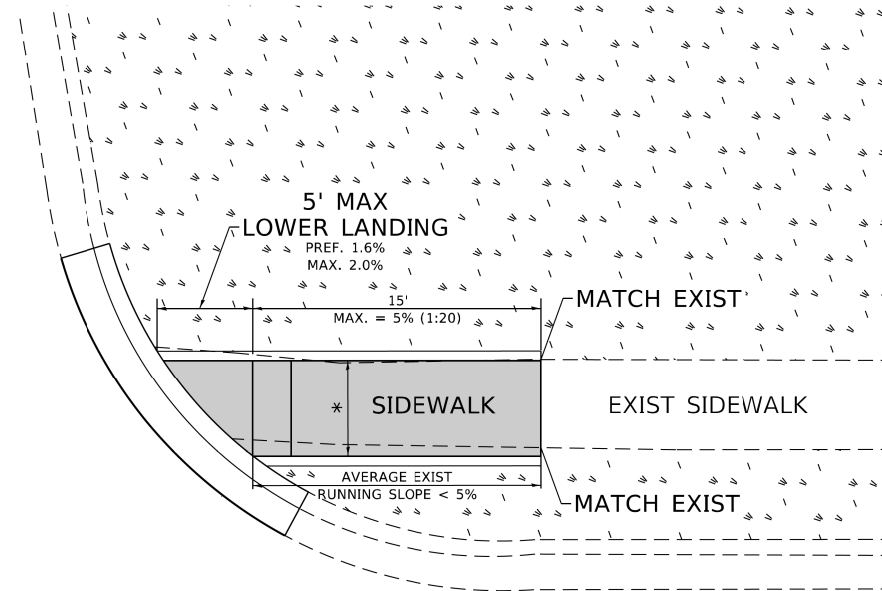
**REPLACE ALL DETECTOR LOOPS AS SHOWN
(WITHIN THE RESURFACING LIMITS)**

ADA DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS W/ EXIST. 5% OR LESS RUN. SLOPE

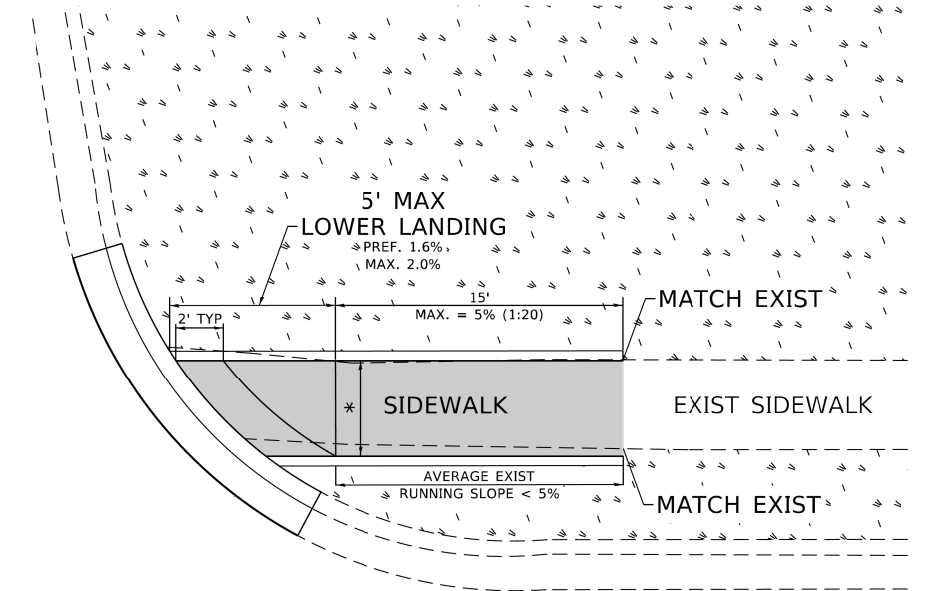
PD-01A



PD-01B



PD-01C



LEGEND

- PROPOSED SIDE CURB
- EXIST. GRASS
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS

CONSTRUCTION NOTES:

- 1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50) EXCEPT WHEN TRANSITIONING TO EXISTING SIDEWALK
- * MATCH EXISTING SIDEWALK WIDTH

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	DRAWN - R. LEDEZMA	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 11/19/2019	DATE - 10/02/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

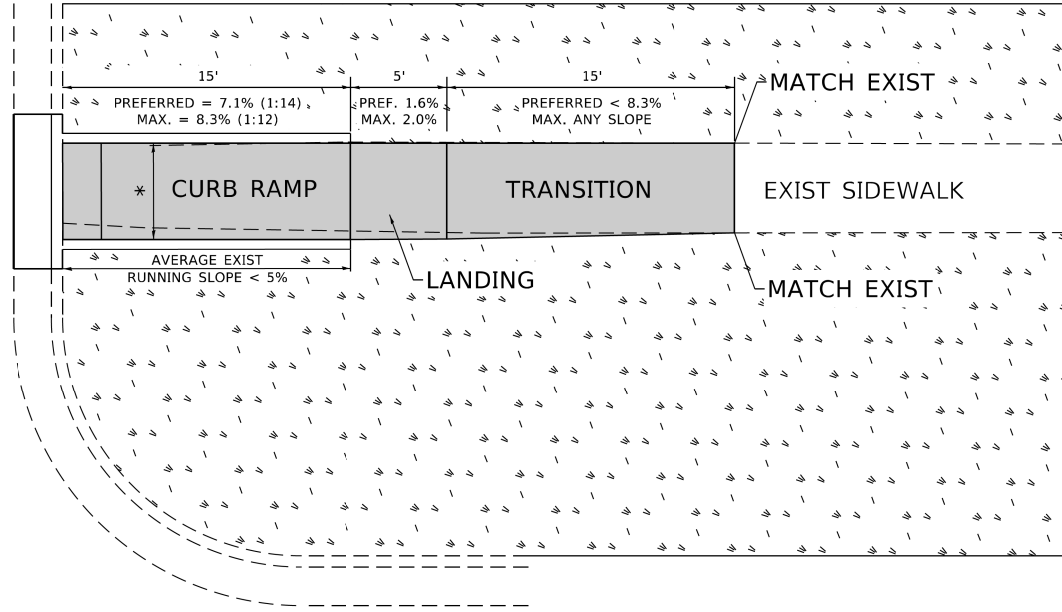
**PROJECT DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS
(PD-01)**

SCALE: NONE SHEET OF SHEETS STA. TO STA.

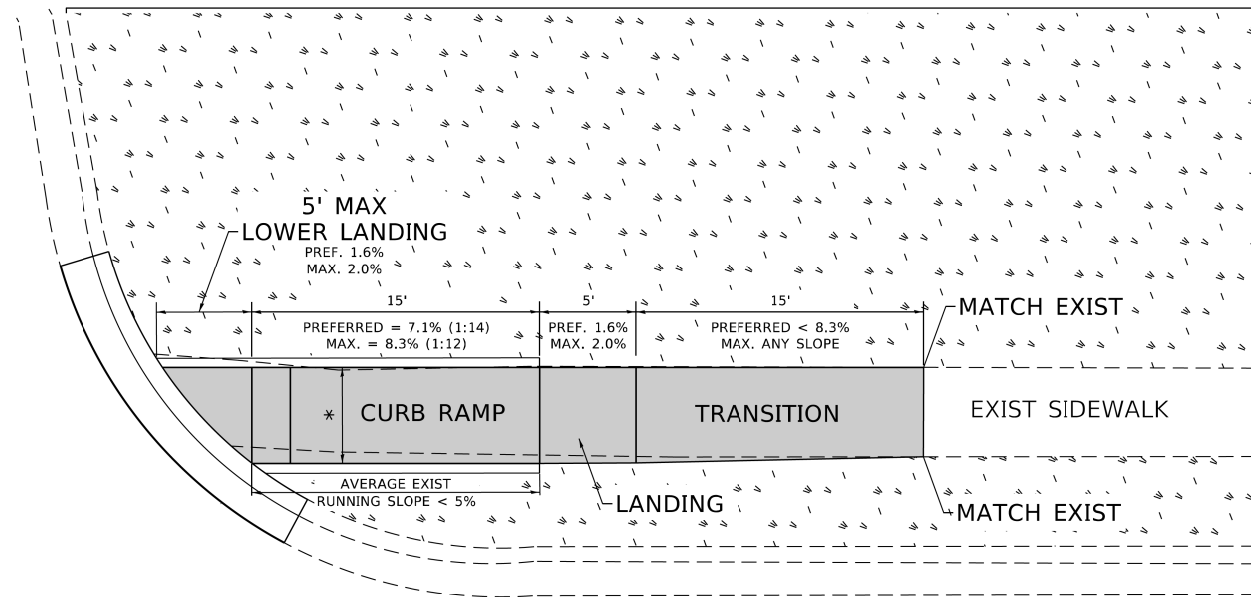
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	2020-046-R5	COOK	58	24
PD-01		CONTRACT NO. 62L18		
ILLINOIS FED. AID PROJECT				

ADA DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS W/ EXIST. 5% OR GREATER RUN. SLOPE

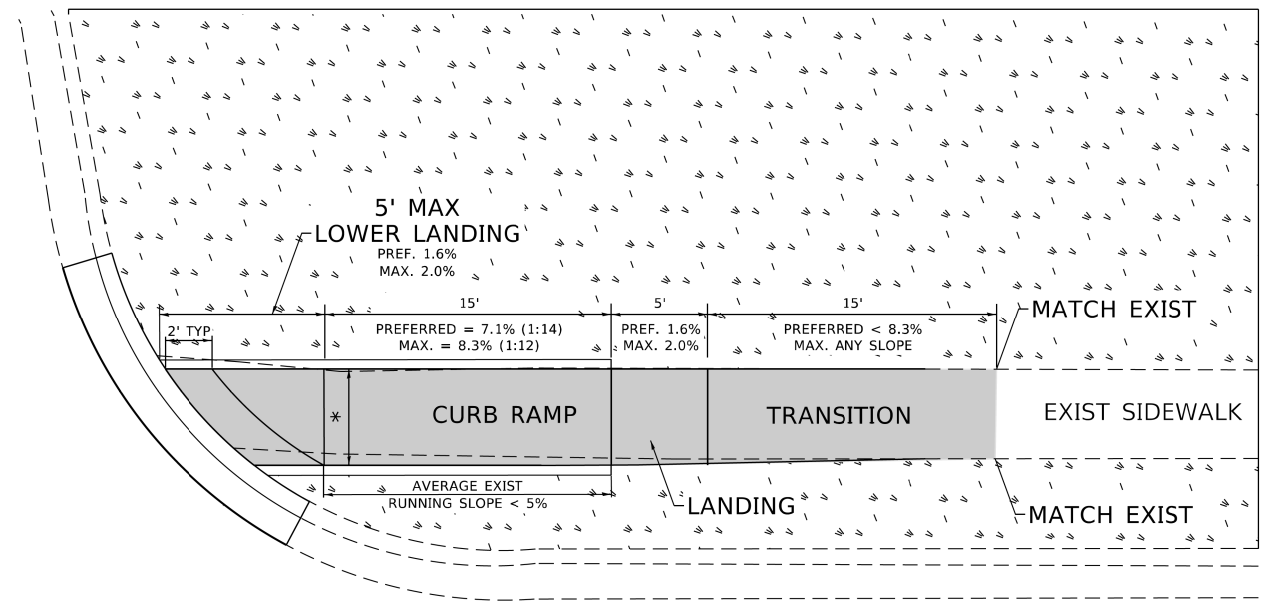
PD-02A



PD-02B



PD-02C



LEGEND

- EXIST. GRASS
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- PROPOSED SIDE CURB

CONSTRUCTION NOTES:

- 1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50) EXCEPT WHEN TRANSITIONING TO EXISTING SIDEWALK
- * MATCH EXISTING SIDEWALK WIDTH

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OFFICE: DISTRICT 1
DATE: 11/19/2019

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	DRAWN - R. LEDEZMA	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 11/19/2019	DATE - 10/02/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

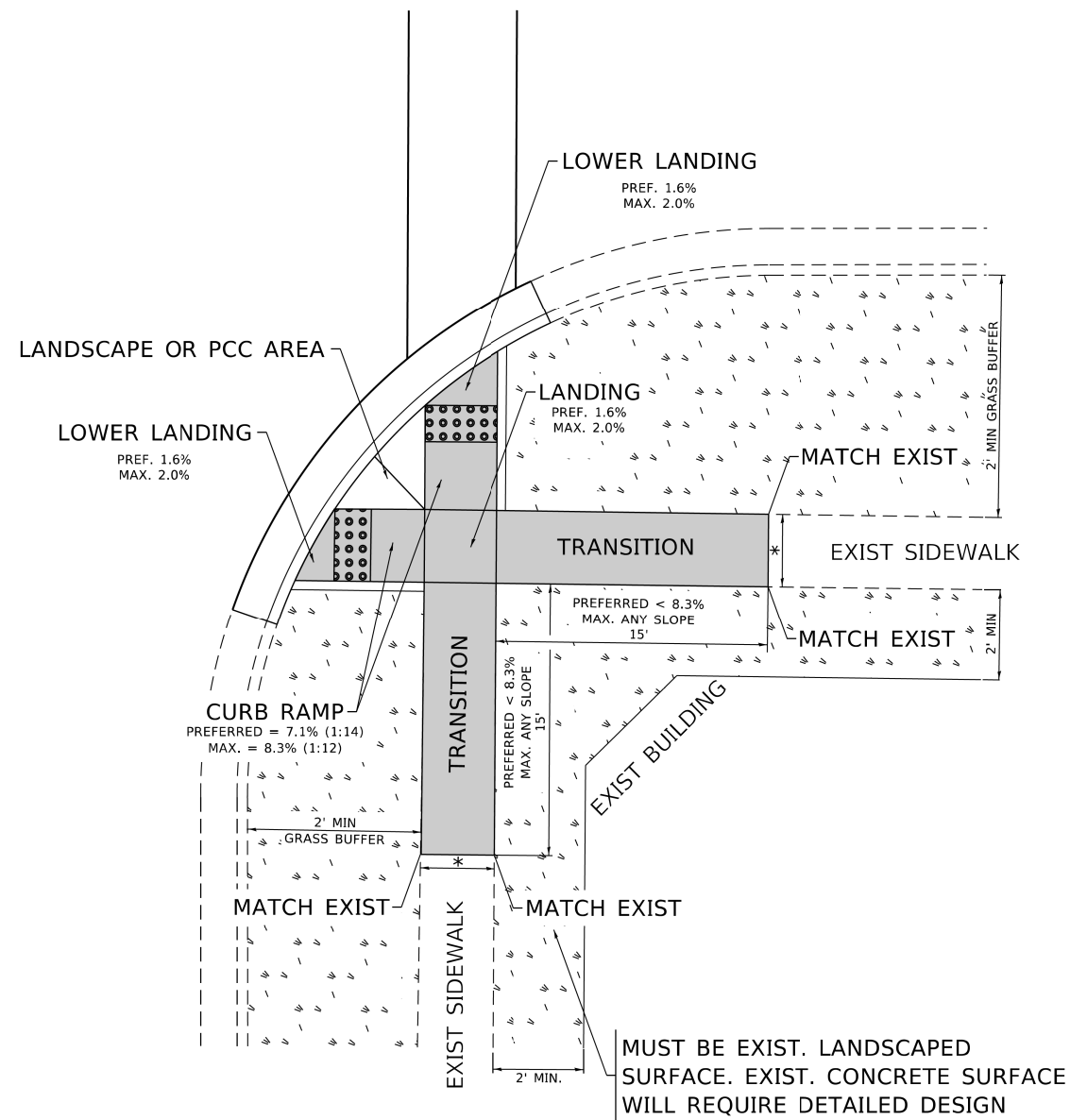
**PROJECT DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS
(PD-02)**

SCALE: NONE SHEET OF SHEETS STA. TO STA.

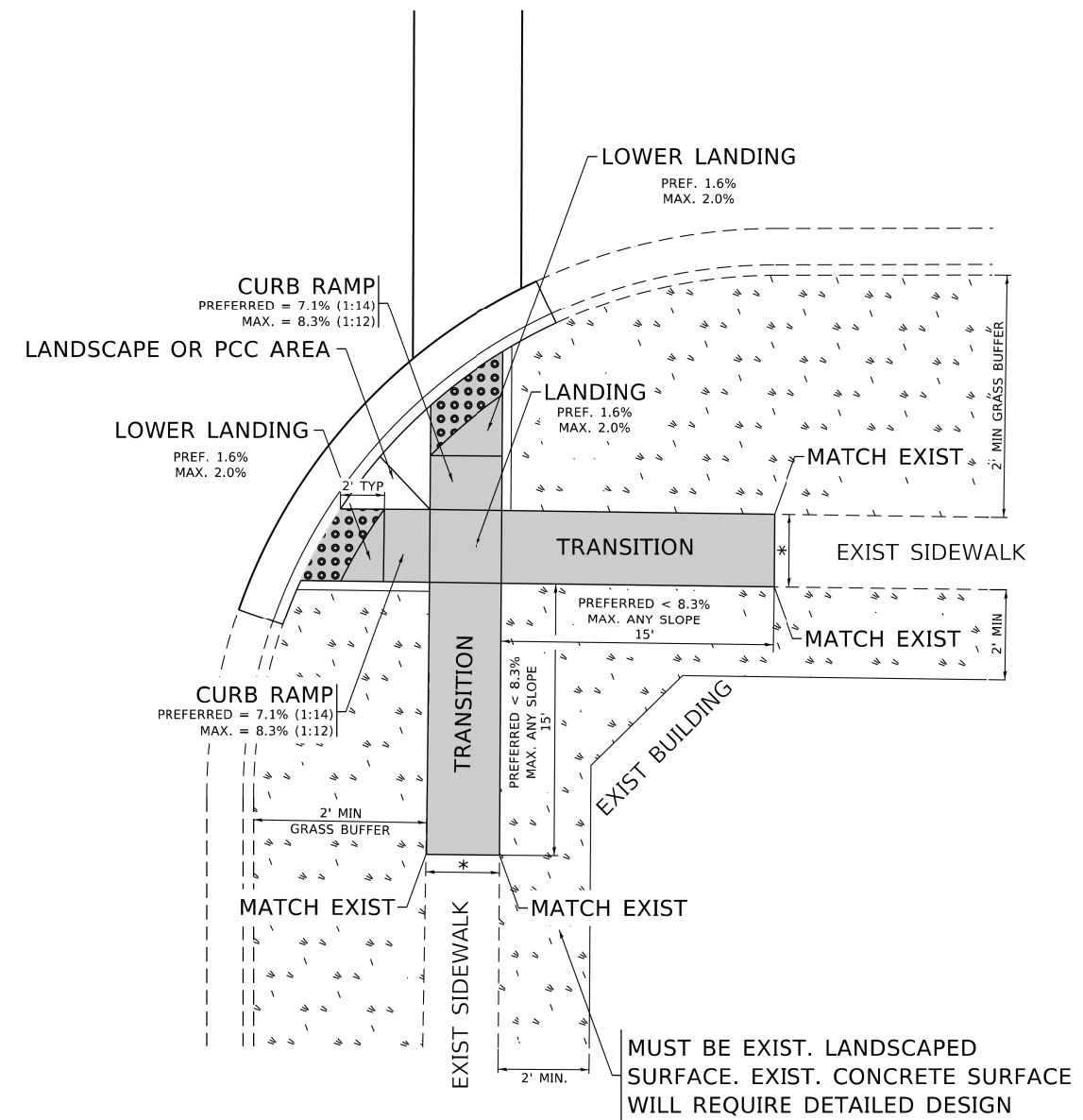
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	2020-046-R5	COOK	58	25
PD-02		CONTRACT NO. 62L18		
		ILLINOIS FED. AID PROJECT		

ADA DETAIL FOR DOUBLE PERPENDICULAR CURB RAMPS

PD-03A



PD-03B



LEGEND

- PROPOSED SIDE CURB
- EXIST. GRASS
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS

CONSTRUCTION NOTES:

- 1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50) EXCEPT WHEN TRANSITIONING TO EXISTING SIDEWALK
- * MATCH EXISTING SIDEWALK WIDTH

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USER NAME = gaglianobt	DESIGNED -	REVISED -
	DRAWN - R. LEDEZMA	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 11/19/2019	DATE - 10/02/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

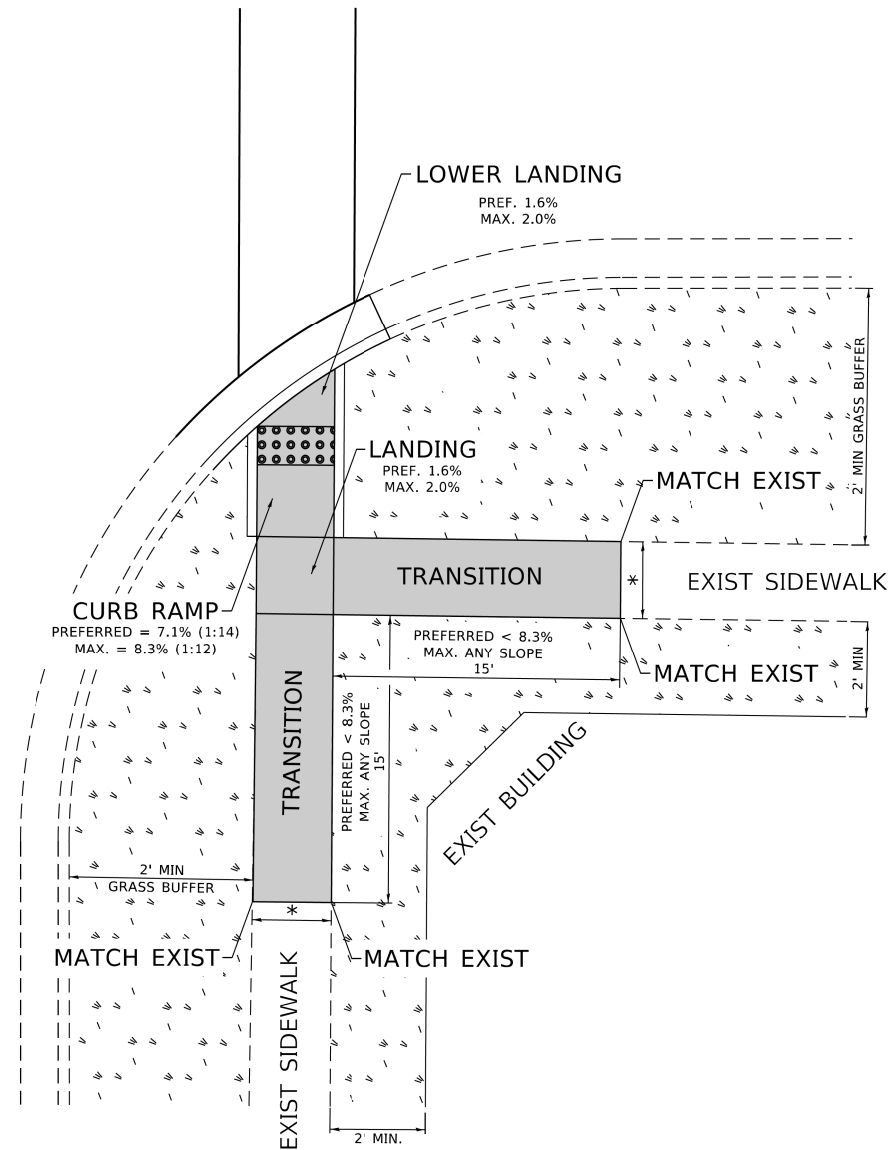
**PROJECT DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS
(PD-03)**

SCALE: NONE SHEET OF SHEETS STA. TO STA.

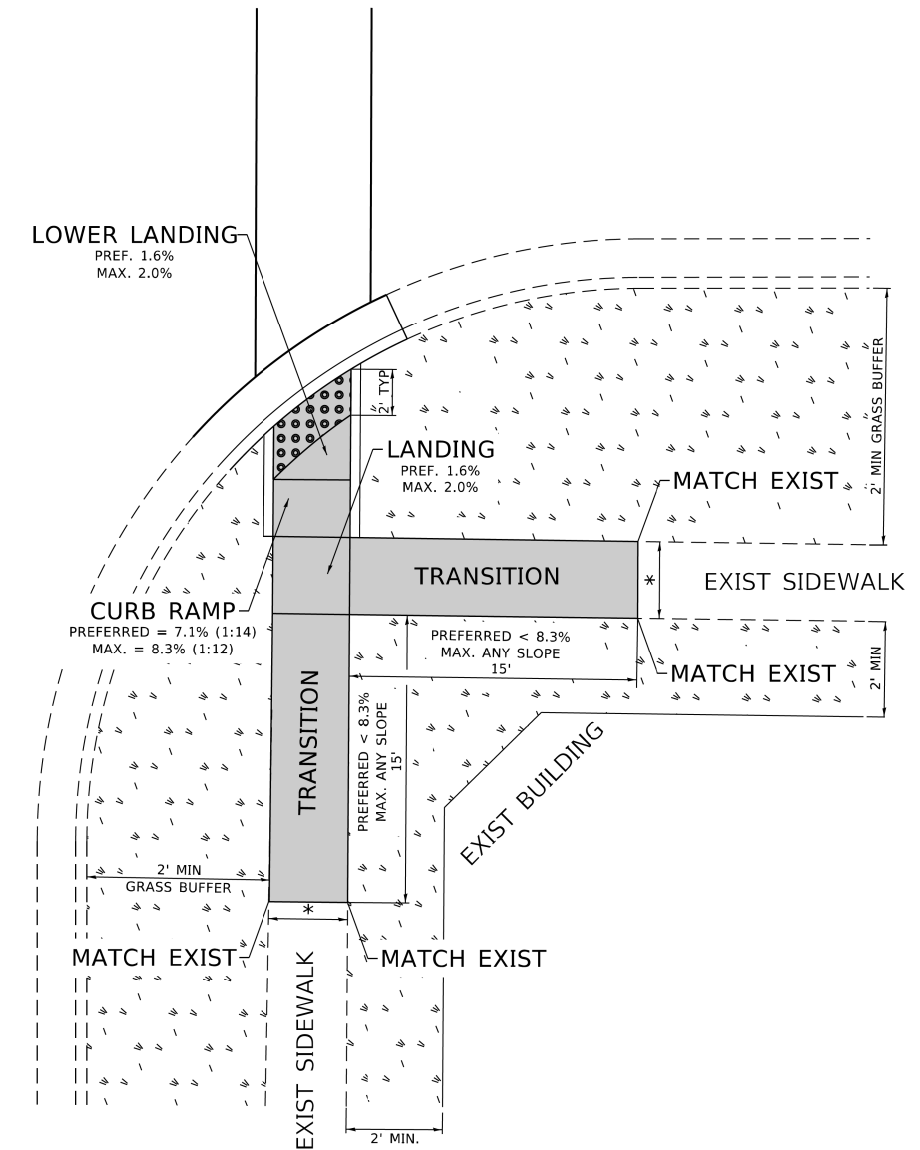
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	2020-046-R5	COOK	58	26
PD-03		CONTRACT NO. 62L18		
ILLINOIS FED. AID PROJECT				

ADA DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS W/ TURNING SPACE

PD-04A



PD-04B



LEGEND

- EXIST. GRASS
- PROPOSED SIDEWALK
- DETECTABLE WARNINGS
- PROPOSED SIDE CURB

CONSTRUCTION NOTES:

- 1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50) EXCEPT WHEN TRANSITIONING TO EXISTING SIDEWALK
- * MATCH EXISTING SIDEWALK WIDTH

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USER NAME = gaglianob	DESIGNED -	REVISED -
	DRAWN - R. LEDEZMA	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 11/19/2019	DATE - 10/02/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

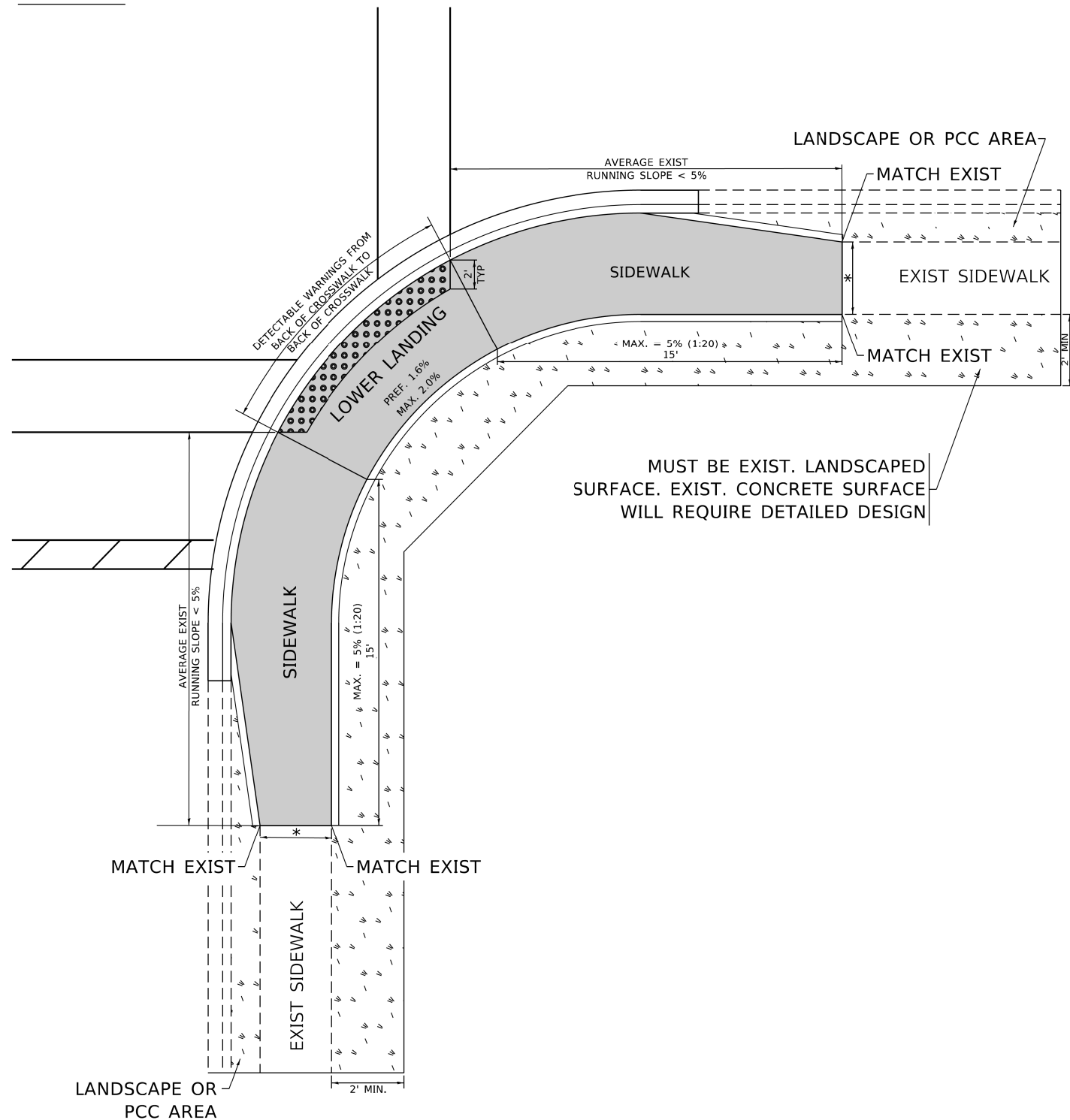
**PROJECT DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS
(PD-04)**

SCALE: NONE SHEET OF SHEETS STA. TO STA.

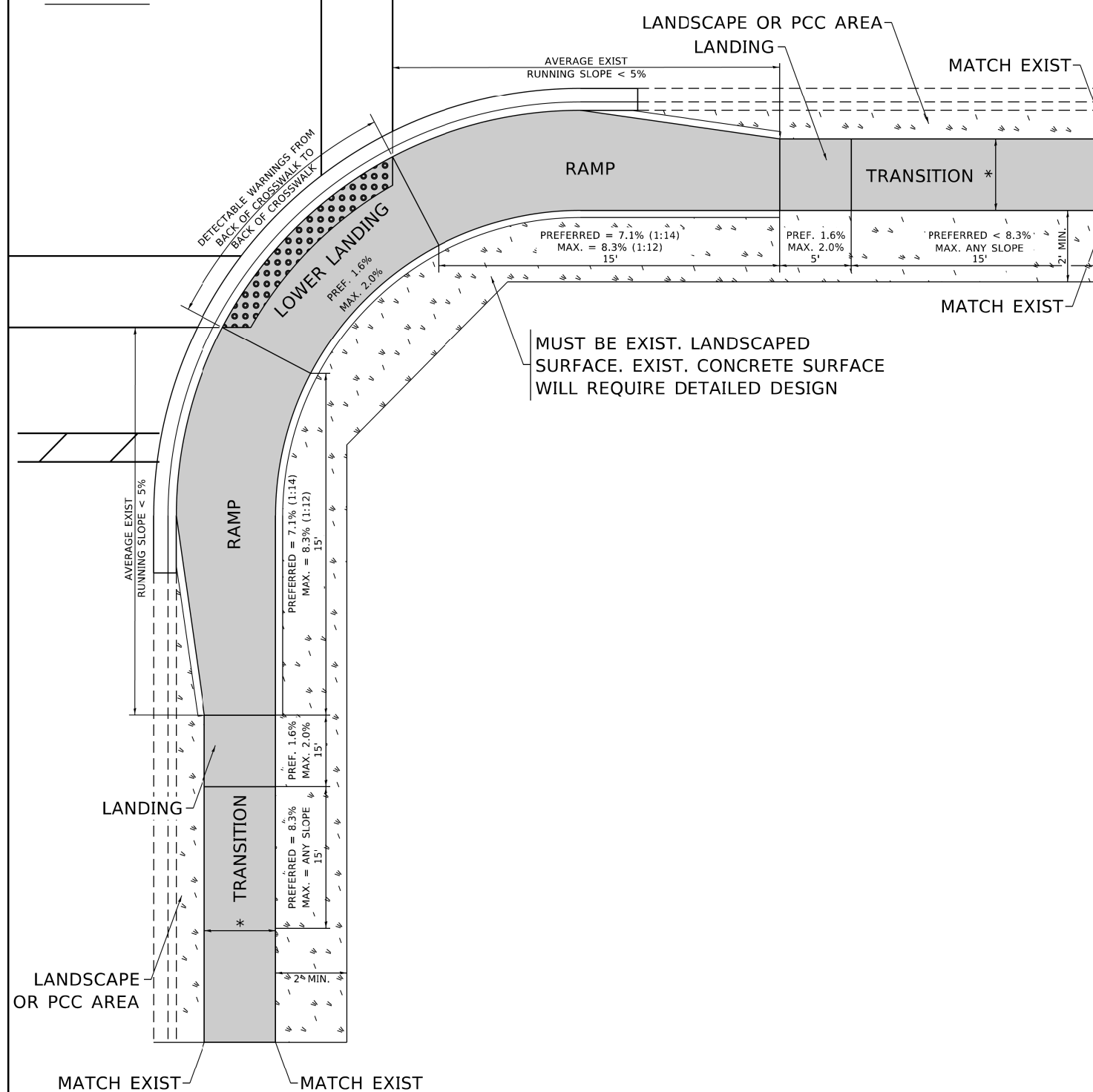
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	2020-046-R5	COOK	58	27
PD-04		CONTRACT NO. 62L18		
ILLINOIS		FED. AID PROJECT		

ADA DETAIL FOR DEPRESSED CORNER CURB RAMPS

PD-06A



PD-06B



LEGEND

- EXIST. GRASS
- PROPOSED SIDEWALK
- PROPOSED SIDE CURB
- DETECTABLE WARNINGS

CONSTRUCTION NOTES:

- 1) ALL CROSS SLOPES ARE PREFERRED 1.6% (1:64), MAXIMUM 2% (1:50) EXCEPT WHEN TRANSITIONING TO EXISTING SIDEWALK
- * MATCH EXISTING SIDEWALK WIDTH

MODEL - Default
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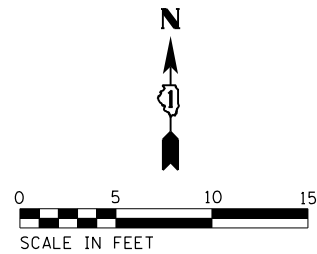
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	DRAWN - R. LEDEZMA	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 11/19/2019	DATE - 10/02/2019	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

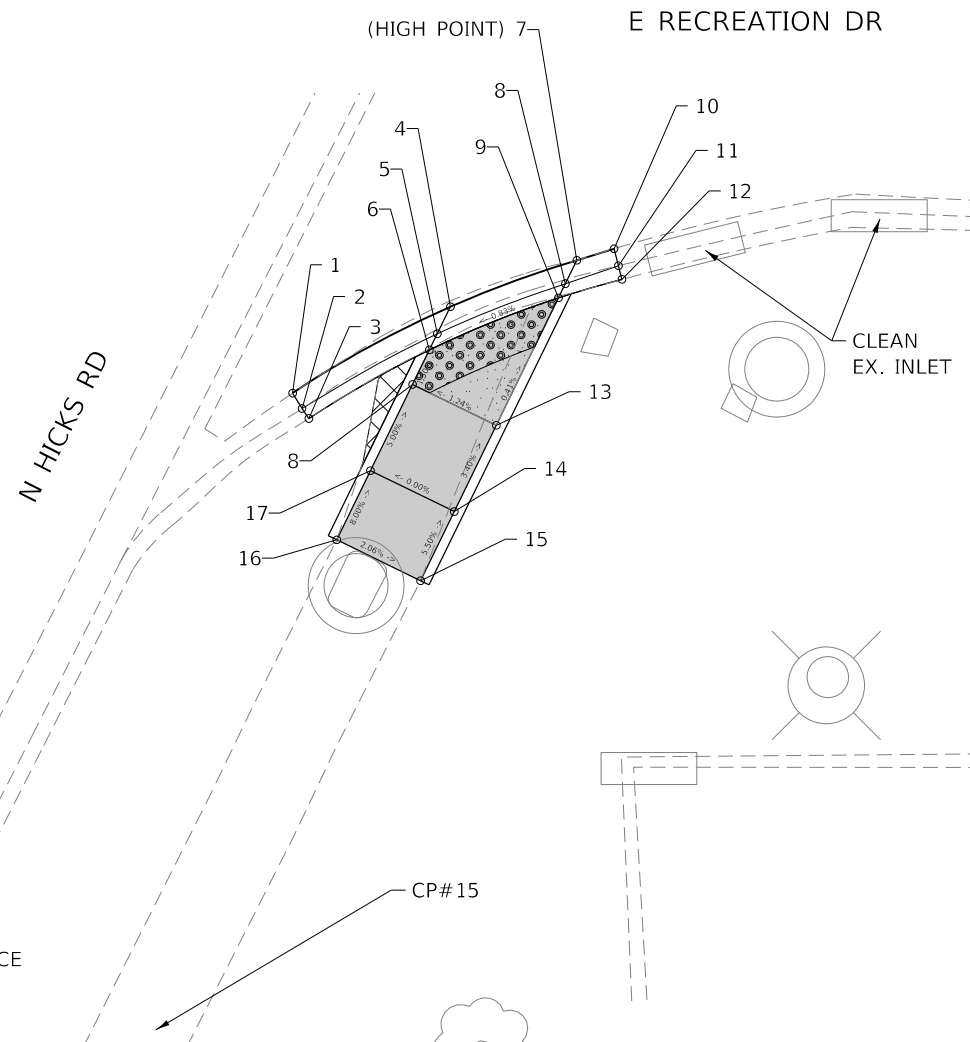
**PROJECT DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS
(PD-06)**

SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	2020-046-R5	COOK	58	28
PD-06		CONTRACT NO. 62L18		
ILLINOIS FED. AID PROJECT				



	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
1	752.80	752.80	1997377.43	1066212.77
2	752.82	752.82	1997376.62	1066213.26
3	753.30	753.30	1997376.10	1066213.62
4	752.86	752.86	1997381.93	1066220.99
5	752.80	752.83	1997380.52	1066220.31
6	752.87	752.86	1997379.68	1066219.90
7	752.87	752.87	1997384.35	1066227.58
8	752.82	752.87	1997383.13	1066226.98
9	753.14	752.92	1997382.39	1066226.62
10	752.88	752.88	1997384.95	1066229.52
11	752.80	752.80	1997384.06	1066229.74
12	753.22	753.22	1997383.35	1066229.93
13	753.22	752.95	1997375.75	1066223.38
14	753.28	753.17	1997371.26	1066221.19
15	753.34	753.34	1997367.65	1066219.43
16	753.44	753.44	1997369.78	1066215.07
17	753.32	753.17	1997373.39	1066216.83
18	753.04	752.89	1997377.88	1066219.02

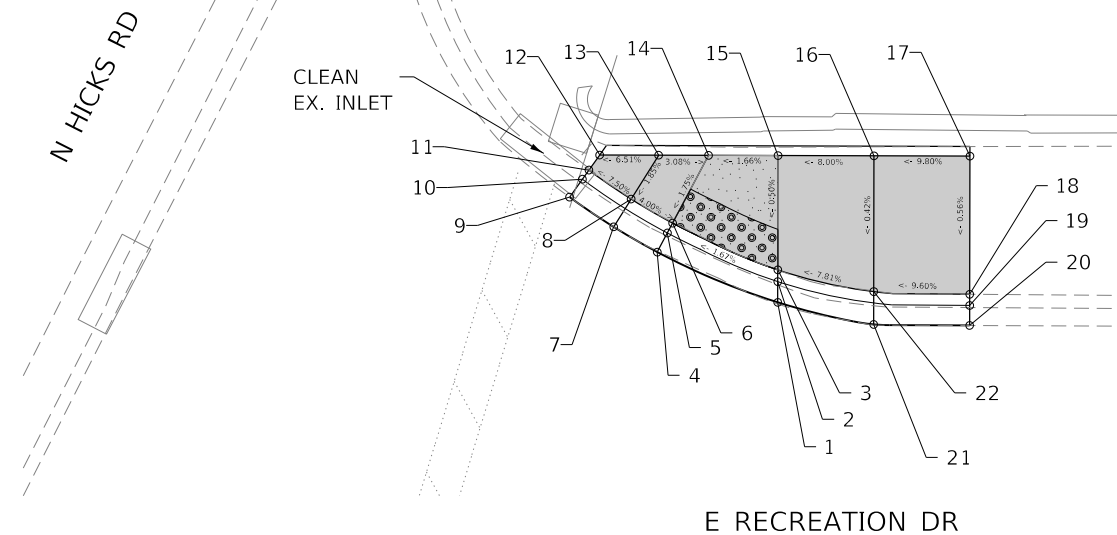
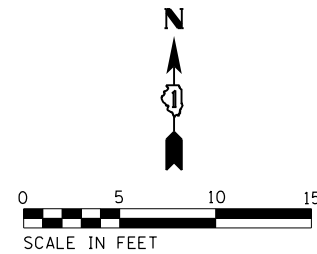


CONTROL POINT: CP#15
 ELEVATION: 753.52
 NORTHING: 1997344.26
 EASTING: 1066205.64
 DESCRIPTION: CUT CROSS IN SIDEWALK AT SE CORNER OF RECREATION DR

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- XX.XX'
- ()
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD
- TURNING SPACE

CONTROL POINT: CP#15
 ELEVATION: 753.52
 NORTHING: 1997344.26
 EASTING: 1066205.64
 DESCRIPTION: CUT CROSS IN SIDEWALK AT SE CORNER OF RECREATION DR



	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
1	753.69	753.65	1997412.86	1066261.28
2	753.65	753.61	1997413.94	1066261.28
3	753.68	753.65	1997414.55	1066261.28
4	753.49	753.55	1997415.47	1066255.00
5	753.45	753.51	1997416.47	1066255.53
6	753.80	753.55	1997416.99	1066255.81
7	753.35	753.35	1997416.79	1066252.73
8	753.69	753.65	1997418.24	1066253.64
9	753.17	753.17	1997418.34	1066250.43
10	753.08	753.08	1997419.28	1066251.10
11	753.45	753.45	1997419.75	1066251.44
12	753.47	753.50	1997420.53	1066252.01
13	753.68	753.70	1997420.52	1066255.08
14	753.83	753.62	1997420.51	1066257.68
15	754.03	753.68	1997420.50	1066261.30
16	754.34	754.08	1997420.49	1066266.30
17	754.57	754.57	1997420.47	1066271.30
18	754.53	754.53	1997413.28	1066271.28
19	754.09	754.09	1997412.70	1066271.28
20	754.12	754.12	1997411.65	1066271.28
21	753.92	753.92	1997411.71	1066266.28
22	754.25	754.05	1997413.42	1066266.28

BENCHMARK: CUT SQUARE NOTCH IN WEST FACE OF LIGHT POLE BASE
 ELEVATION = 756.39

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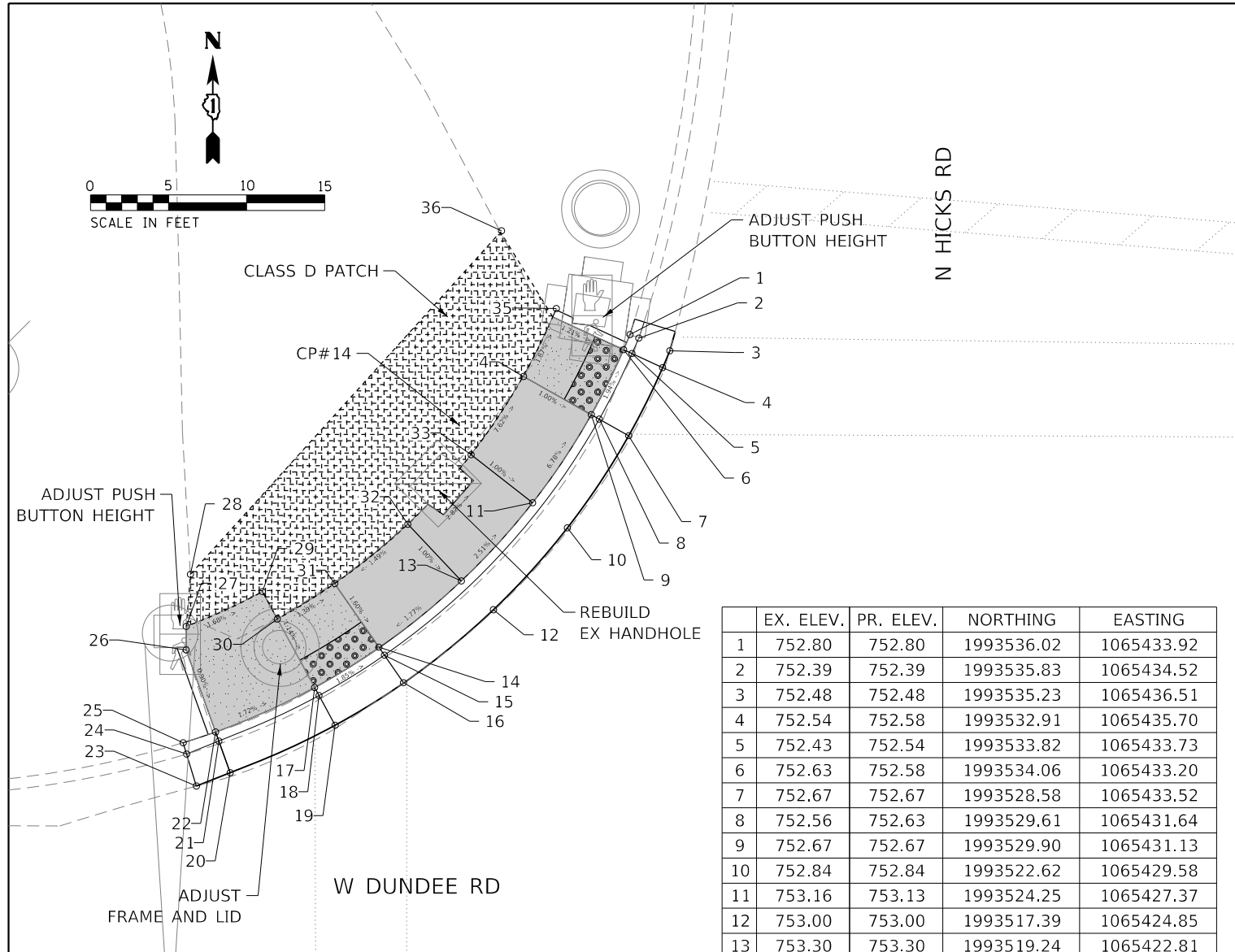


USER NAME = wnohmed	DESIGNED - AIM / AWM	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - AIM / AWM	REVISED -
PLOT DATE = 11/25/2020	CHECKED - LEG / JA	REVISED -
	DATE - 11/25/2020	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAIL PLAN
 IL. RTE 53 / HICKS RD. : LAKE-COOK RD. - U.S. 14 (NORTHWEST HWY)
 SCALE: 1" = 10' SHEET OF XX SHEETS STA. TO STA.

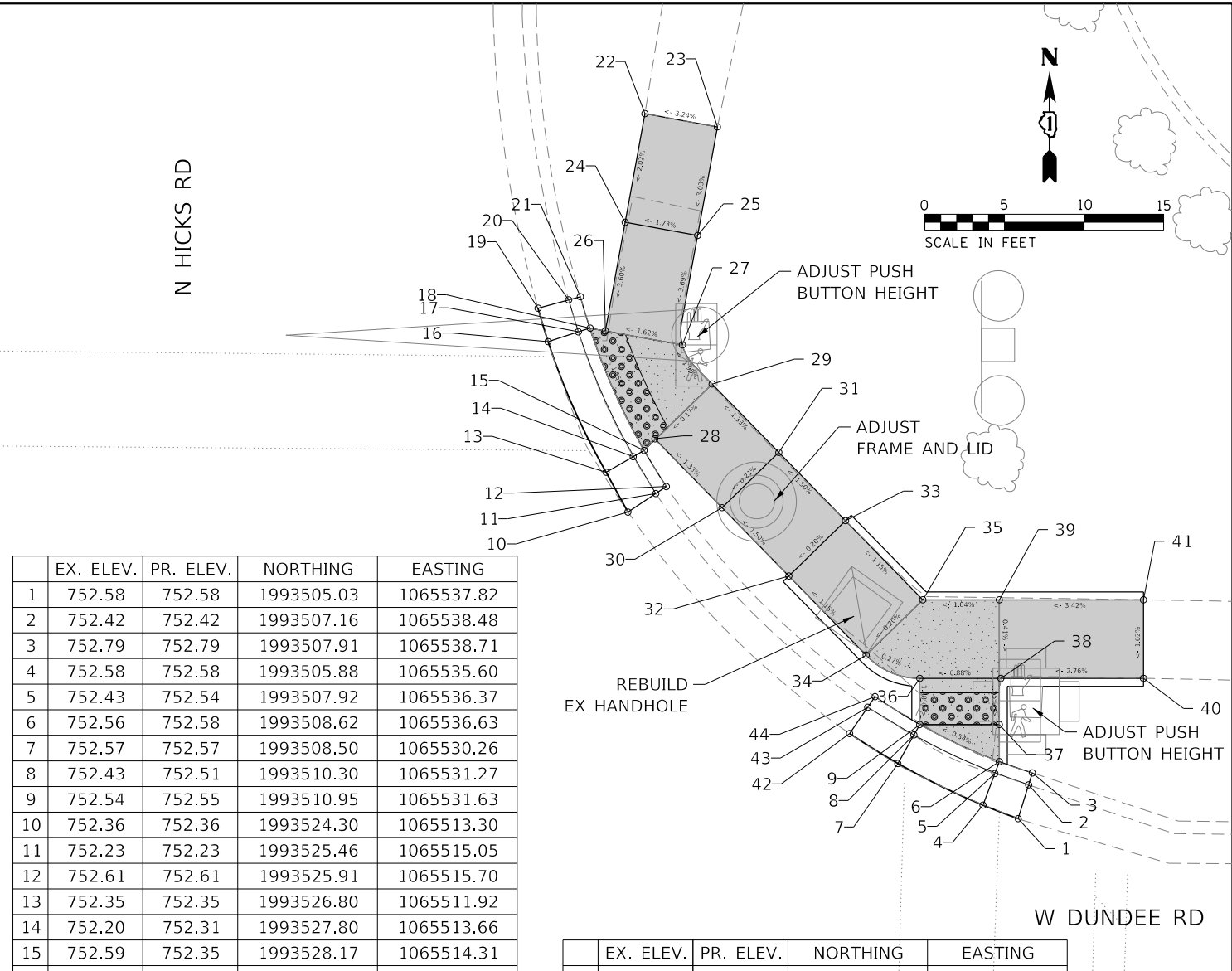
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	2020-046-R5	COOK	58	30
CONTRACT NO. 62L18				
ILLINOIS FED. AID PROJECT				



	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
26	753.52	753.44	1993514.82	1065405.16
27	753.49	753.44	1993516.33	1065405.18
28	753.21	753.21	1993519.66	1065405.44
29	753.35	753.35	1993518.56	1065410.05
30	753.41	753.32	1993516.80	1065411.01
31	753.32	753.26	1993519.07	1065414.69
32	753.18	753.35	1993522.88	1065419.37
33	753.22	753.18	1993527.33	1065423.43
34	752.04	752.72	1993532.35	1065426.77
35	752.86	752.63	1993536.70	1065428.89
36	752.26	752.26	1993541.68	1065425.37

	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
1	752.80	752.80	1993536.02	1065433.92
2	752.39	752.39	1993535.83	1065434.52
3	752.48	752.48	1993535.23	1065436.51
4	752.54	752.58	1993532.91	1065435.70
5	752.43	752.54	1993533.82	1065433.73
6	752.63	752.58	1993534.06	1065433.20
7	752.67	752.67	1993528.58	1065433.52
8	752.56	752.63	1993529.61	1065431.64
9	752.67	752.67	1993529.90	1065431.13
10	752.84	752.84	1993522.62	1065429.58
11	753.16	753.13	1993524.25	1065427.37
12	753.00	753.00	1993517.39	1065424.85
13	753.30	753.30	1993519.24	1065422.81
14	753.18	753.18	1993512.70	1065419.10
15	753.08	753.14	1993514.49	1065417.87
16	753.18	753.18	1993514.96	1065417.54
17	753.27	753.27	1993510.00	1065414.72
18	753.15	753.23	1993511.90	1065413.68
19	753.33	753.27	1993512.41	1065413.40
20	753.35	753.35	1993506.95	1065407.99
21	753.26	753.28	1993508.98	1065407.26
22	753.66	753.39	1993509.56	1065407.05
23	753.37	753.37	1993506.10	1065405.82
24	753.30	753.30	1993508.15	1065405.20
25	753.69	753.69	1993508.87	1065404.98

BENCHMARK: SQUARE NOTCH IN SW'LY CORNER OF TRAFFIC SIGNAL CONCRETE PAD ELEVATION = 755.76



	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
1	752.58	752.58	1993505.03	1065537.82
2	752.42	752.42	1993507.16	1065538.48
3	752.79	752.79	1993507.91	1065538.71
4	752.58	752.58	1993505.88	1065535.60
5	752.43	752.54	1993507.92	1065536.37
6	752.56	752.58	1993508.62	1065536.63
7	752.57	752.57	1993508.50	1065530.26
8	752.43	752.51	1993510.30	1065531.27
9	752.54	752.55	1993510.95	1065531.63
10	752.36	752.36	1993524.30	1065513.30
11	752.23	752.23	1993525.46	1065515.05
12	752.61	752.61	1993525.91	1065515.70
13	752.35	752.35	1993526.80	1065511.92
14	752.20	752.31	1993527.80	1065513.66
15	752.59	752.35	1993528.17	1065514.31
16	752.22	752.22	1993535.01	1065508.28
17	752.10	752.18	1993535.63	1065510.18
18	752.42	752.22	1993535.86	1065510.89
19	752.20	752.20	1993537.11	1065507.65
20	752.10	752.10	1993537.63	1065509.57
21	752.44	752.44	1993537.83	1065510.30
22	752.61	752.61	1993549.33	1065514.36
23	752.76	752.76	1993548.50	1065518.92
24	752.53	752.47	1993542.51	1065513.12
25	752.71	752.55	1993541.68	1065517.67
26	752.36	752.22	1993535.68	1065511.88
27	752.71	752.30	1993534.80	1065516.72
28	752.67	752.35	1993528.87	1065515.02
29	752.78	752.36	1993532.35	1065518.59
30	752.97	752.43	1993524.56	1065519.23
31	752.87	752.44	1993528.05	1065522.78

	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
32	752.92	752.52	1993520.28	1065523.41
33	752.89	752.53	1993523.76	1065526.97
34	752.83	752.60	1993515.31	1065528.26
35	752.87	752.61	1993518.78	1065531.82
36	752.71	752.59	1993513.85	1065531.63
37	752.64	752.60	1993510.95	1065536.63
38	752.80	752.64	1993513.85	1065536.63
39	752.89	752.66	1993518.78	1065536.63
40	752.89	752.89	1993513.85	1065545.69
41	752.97	752.97	1993518.78	1065545.69
42	752.54	752.54	1993510.38	1065527.23
43	752.40	752.40	1993512.03	1065528.37
44	752.77	752.77	1993512.70	1065528.83

BENCHMARK: SQUARE NOTCH IN SW'LY CORNER OF TRAFFIC SIGNAL CONCRETE PAD ELEVATION = 755.76

CONTROL POINT: CP#15
 ELEVATION: 752.99
 NORTHING: 1993529.20
 EASTING: 1065422.70
 DESCRIPTION: SET MAGNAIL IN BIKE PATH AT NW CORNER OF DUNDEE RD

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- TURNING SPACE

CONTROL POINT: CP#15
 ELEVATION: 752.99
 NORTHING: 1993529.20
 EASTING: 1065422.70
 DESCRIPTION: SET MAGNAIL IN BIKE PATH AT NW CORNER OF DUNDEE RD



USER NAME = wnohmed	DESIGNED - AIM / AWM	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - AIM / AWM	REVISED -
PLOT DATE = 11/25/2020	CHECKED - LEG / JA	REVISED -
	DATE - 11/25/2020	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAIL PLAN
 IL. RTE 53 / HICKS RD. : LAKE-COOK RD. - U.S. 14 (NORTHWEST HWY)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	2020-046-R5	COOK	58	31
CONTRACT NO. 62L18				
ILLINOIS FED. AID PROJECT				

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N HICKS RD

CLEAN EX. INLET



E HOME AVE

	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
1	758.20	758.20	1992170.63	1065529.47
2	758.17	758.17	1992171.40	1065529.66
3	758.58	758.58	1992172.22	1065529.86
4	758.34	758.34	1992173.43	1065521.63
5	758.34	758.31	1992174.35	1065521.63
6	758.38	758.35	1992175.18	1065521.63
7	758.40	758.40	1992176.05	1065516.80
8	758.37	758.38	1992177.04	1065516.80
9	758.50	758.42	1992177.94	1065516.80
10	758.47	758.47	1992177.83	1065514.13
11	758.44	758.44	1992178.51	1065514.62
12	758.88	758.88	1992179.14	1065515.09
13	758.64	758.45	1992179.94	1065516.80
14	758.87	758.51	1992184.37	1065516.80
15	758.91	758.73	1992189.29	1065516.80
16	758.96	758.96	1992194.22	1065516.80
17	758.89	758.89	1992194.22	1065521.63
18	758.79	758.69	1992189.29	1065521.63
19	758.75	758.49	1992184.37	1065521.63
20	758.63	758.49	1992183.59	1065527.19
21	758.45	758.45	1992182.55	1065534.55
22	758.34	758.34	1992178.12	1065533.96
23	758.52	758.42	1992179.24	1065526.58
24	758.67	758.42	1992179.94	1065521.63

BENCHMARK: CUT SQUARE NOTCH IN SOUTH FACE OF LIGHT POLE BASE
ELEVATION = 758.84

CONTROL POINT:
ELEVATION:
NORTHING:
EASTING:
DESCRIPTION:

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- TURNING SPACE

CONTROL POINT: CP#11
ELEVATION: 758.86
NORTHING: 1992145.23
EASTING: 1065523.90
DESCRIPTION: SET MAGNAIL IN CURB AT MEDIAN ON EAST LEG OF HICKS RD & HOME AVE

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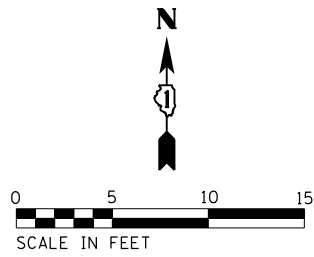


USER NAME = wnohamed	DESIGNED - AIM / AWM	REVISED -
PLOT SCALE = 10.0000 ' / in.	DRAWN - AIM / AWM	REVISED -
PLOT DATE = 11/25/2020	CHECKED - LEG / JA	REVISED -
	DATE - 11/25/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

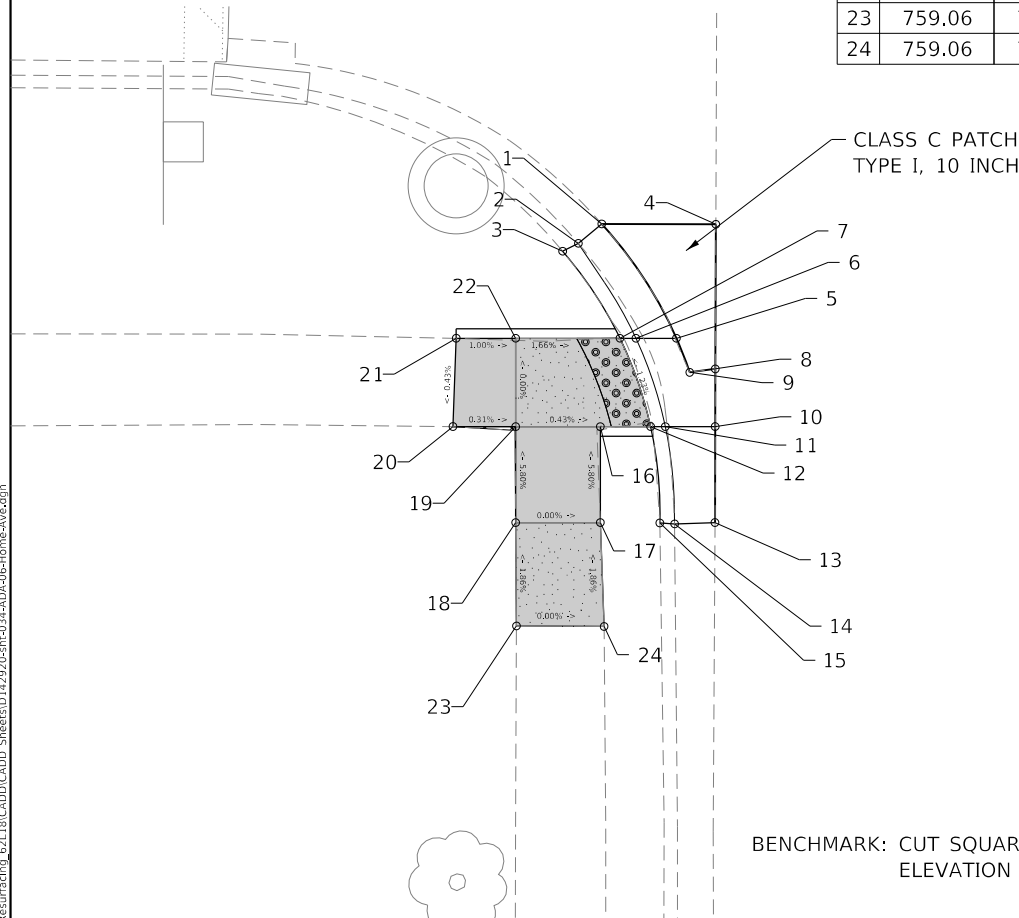
SIDEWALK DETAIL PLAN
IL. RTE 53 / HICKS RD. : LAKE-COOK RD. - U.S. 14 (NORTHWEST HWY)
SCALE: 1" = 10' SHEET OF XX SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	2020-046-R5	COOK	58	33
CONTRACT NO. 62L18				
ILLINOIS FED. AID PROJECT				



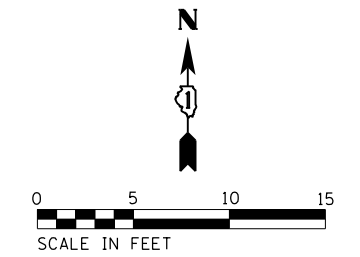
	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
1	758.57	758.57	1992127.18	1065432.87
2	758.48	758.48	1992126.17	1065431.65
3	758.90	758.90	1992125.76	1065430.83
4	758.79	758.79	1992127.16	1065438.81
5	758.63	758.63	1992121.22	1065436.76
6	758.60	758.52	1992121.22	1065434.65
7	758.75	758.58	1992121.22	1065433.82
8	758.72	758.72	1992119.63	1065438.78
9	758.64	758.64	1992119.45	1065437.45
10	758.71	758.71	1992116.62	1065438.78
11	758.67	758.58	1992116.62	1065436.18
12	758.83	758.64	1992116.62	1065435.42
13	758.71	758.71	1992111.62	1065438.77
14	758.65	758.65	1992111.55	1065436.67
15	759.03	759.03	1992111.60	1065435.90
16	758.82	758.65	1992116.62	1065432.79
17	758.93	758.93	1992111.62	1065432.79
18	758.95	758.95	1992111.62	1065428.39
19	758.84	758.67	1992116.62	1065428.39
20	758.68	758.68	1992116.62	1065425.12
21	758.70	758.70	1992121.22	1065425.29
22	758.79	758.67	1992121.22	1065428.39
23	759.06	759.06	1992106.23	1065428.43
24	759.06	759.06	1992106.21	1065433.00

E HOME AVE



BENCHMARK: CUT SQUARE NOTCH IN SOUTH FACE OF LIGHT POLE BASE
ELEVATION = 758.84

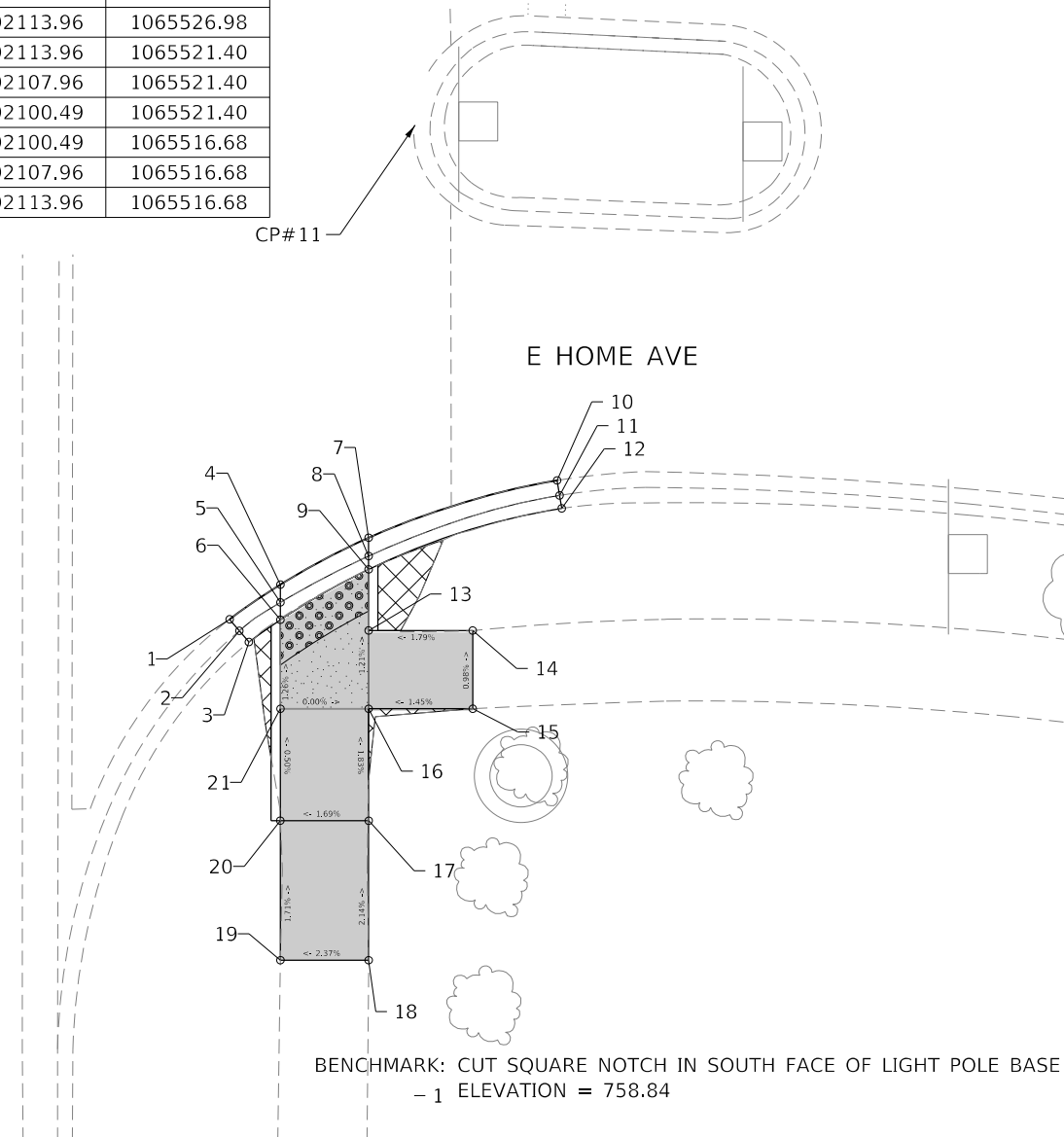
N HICKS RD



	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
1	758.30	758.30	1992118.75	1065513.95
2	758.29	758.29	1992118.13	1065514.48
3	758.68	758.68	1992117.53	1065514.99
4	758.29	758.29	1992120.61	1065516.68
5	758.28	758.27	1992119.66	1065516.68
6	758.35	758.31	1992118.72	1065516.68
7	758.26	758.26	1992123.12	1065521.40
8	758.25	758.24	1992122.14	1065521.40
9	758.32	758.28	1992121.43	1065521.40
10	758.21	758.21	1992124.79	1065525.83
11	758.27	758.27	1992123.97	1065526.01
12	758.39	758.39	1992123.34	1065526.15
13	758.40	758.31	1992118.15	1065521.40
14	758.41	758.41	1992118.15	1065526.98
15	758.45	758.45	1992113.96	1065526.98
16	758.46	758.37	1992113.96	1065521.40
17	758.58	758.48	1992107.96	1065521.40
18	758.64	758.64	1992100.49	1065521.40
19	758.53	758.53	1992100.49	1065516.68
20	758.47	758.40	1992107.96	1065516.68
21	758.47	758.37	1992113.96	1065516.68

CP#11

E HOME AVE



BENCHMARK: CUT SQUARE NOTCH IN SOUTH FACE OF LIGHT POLE BASE
- 1 ELEVATION = 758.84

N HICKS RD

CONTROL POINT: CP#12
ELEVATION: 757.74
NORTHING: 1992161.70
EASTING: 1065359.05
DESCRIPTION: CUT CROSS IN CURB ON N SIDE OF HOME AVE ABOUT 80 FT W OF HICKS RD EOP

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- XX.XX'
- ()
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD
- TURNING SPACE

CONTROL POINT: CP#11
ELEVATION: 758.86
NORTHING: 1992145.23
EASTING: 1065523.90
DESCRIPTION: SET MAGNAIL IN CURB AT MEDIAN ON EAST LEG OF HICKS RD & HOME AVE

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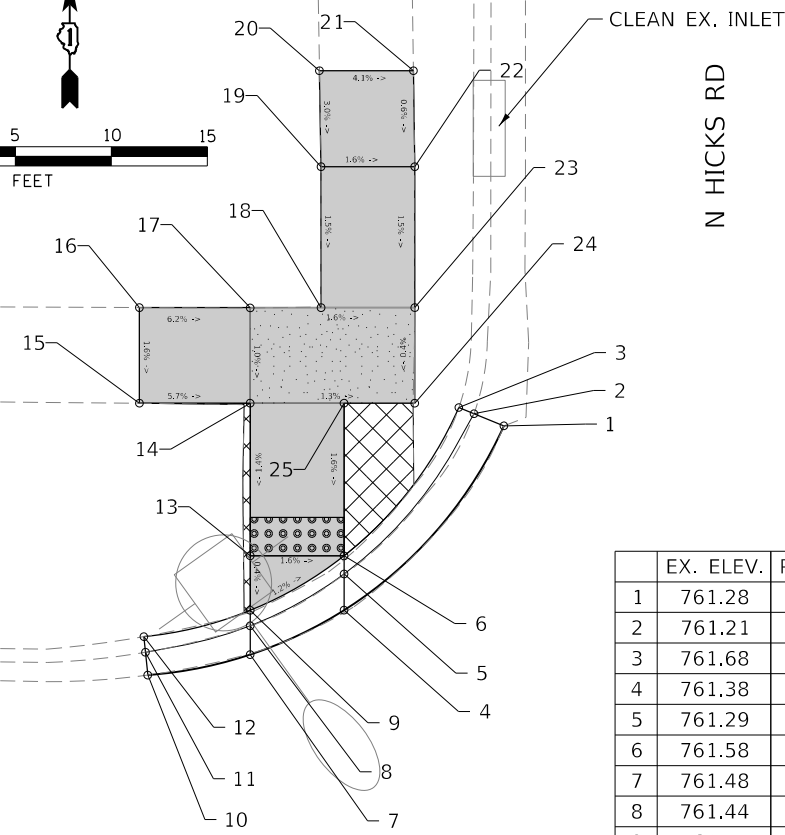
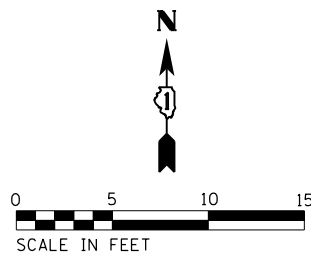


USER NAME = wnohamed	DESIGNED - AIM / AWM	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - AIM / AWM	REVISED -
PLOT DATE = 11/25/2020	CHECKED - LEG / JA	REVISED -
	DATE - 11/25/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

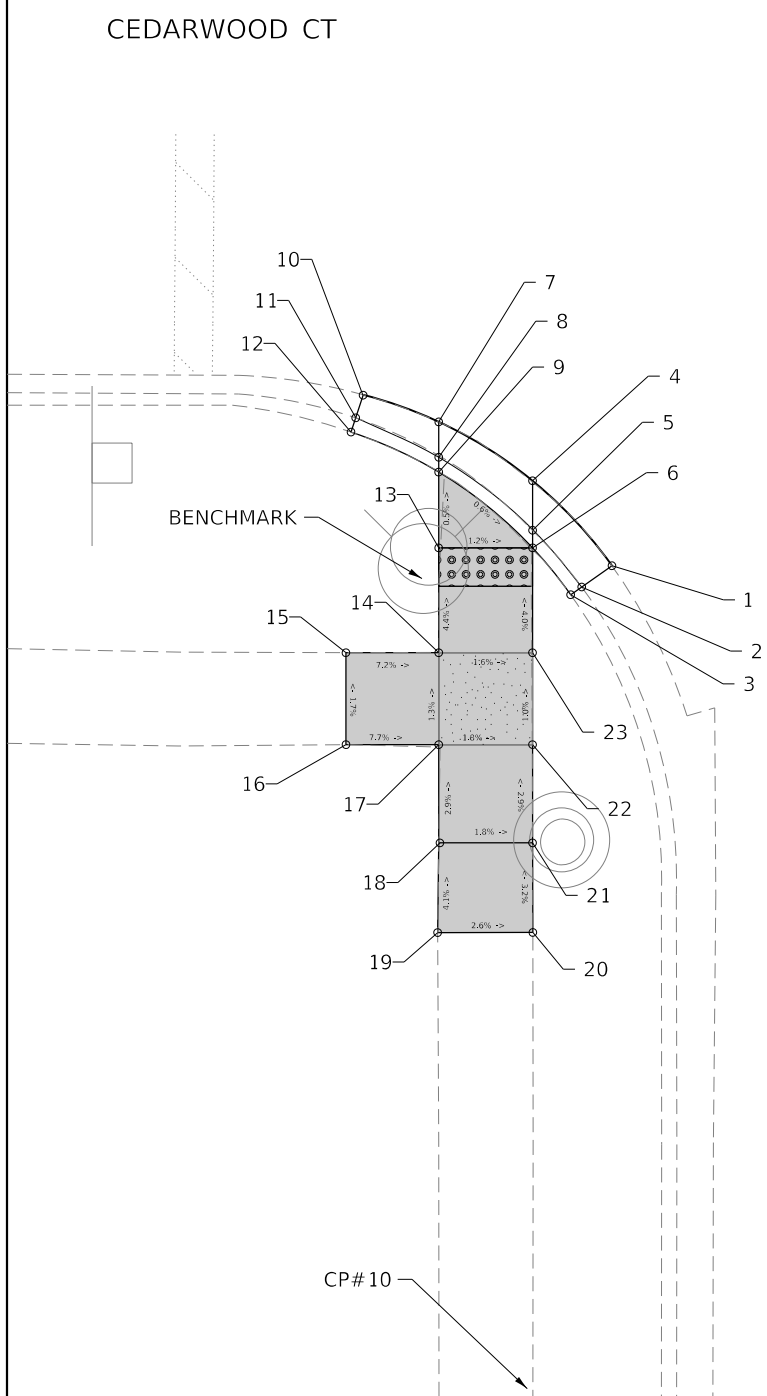
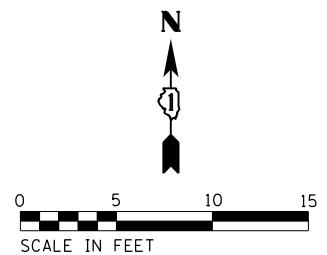
SIDEWALK DETAIL PLAN
IL. RTE 53 / HICKS RD. : LAKE-COOK RD. - U.S. 14 (NORTHWEST HWY)
SCALE: 1" = 10' SHEET OF XX SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	2020-046-R5	COOK	58	34
CONTRACT NO. 62L18				
ILLINOIS FED. AID PROJECT				



	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
1	761.28	761.28	1991511.62	1065437.77
2	761.21	761.21	1991512.25	1065436.22
3	761.68	761.68	1991512.57	1065435.43
4	761.38	761.38	1991502.01	1065429.45
5	761.29	761.33	1991503.90	1065429.45
6	761.58	761.38	1991504.84	1065429.45
7	761.48	761.48	1991499.70	1065424.56
8	761.44	761.41	1991501.20	1065424.56
9	761.54	761.45	1991502.01	1065424.56
10	761.59	761.59	1991498.63	1065419.22
11	761.57	761.57	1991499.82	1065419.10
12	761.79	761.79	1991500.63	1065419.02
13	761.67	761.46	1991504.84	1065424.56
14	761.88	761.57	1991512.80	1065424.56
15	761.90	761.90	1991512.80	1065418.79
16	761.98	761.98	1991517.78	1065418.79
17	761.93	761.62	1991517.78	1065424.56
18	761.79	761.56	1991517.78	1065428.25
19	761.82	761.67	1991525.12	1065428.25
20	761.82	761.82	1991530.12	1065428.17
21	761.62	761.62	1991530.12	1065433.06
22	761.59	761.59	1991525.12	1065433.13
23	761.59	761.48	1991517.78	1065433.13
24	761.66	761.46	1991512.80	1065433.13
25	761.77	761.51	1991512.80	1065429.45

BENCHMARK: CUT CROSS ON SW BOLT OF FIRE HYDRANT
ELEVATION = 763.19



BENCHMARK: CUT CROSS ON SW BOLT OF FIRE HYDRANT
ELEVATION = 763.19

	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
1	761.37	761.37	1991463.48	1065433.58
2	761.28	761.28	1991462.38	1065432.01
3	761.69	761.69	1991461.97	1065431.43
4	761.43	761.43	1991467.91	1065429.45
5	761.30	761.39	1991465.38	1065429.45
6	761.53	761.43	1991464.41	1065429.45
7	761.52	761.52	1991470.98	1065424.56
8	761.41	761.43	1991469.14	1065424.56
9	761.69	761.47	1991468.36	1065424.56
10	761.60	761.60	1991472.39	1065420.62
11	761.50	761.50	1991471.19	1065420.23
12	761.90	761.90	1991470.45	1065419.99
13	761.76	761.49	1991464.41	1065424.56
14	762.01	761.73	1991458.95	1065424.56
15	762.08	762.08	1991458.95	1065419.72
16	762.16	762.16	1991454.16	1065419.72
17	762.10	761.79	1991454.16	1065424.56
18	762.12	761.94	1991449.04	1065424.56
19	762.13	762.13	1991444.37	1065424.50
20	762.00	762.00	1991444.38	1065429.46
21	761.99	761.85	1991449.04	1065429.45
22	761.98	761.70	1991454.16	1065429.45
23	761.86	761.65	1991458.95	1065429.45

CONTROL POINT: CP#10
ELEVATION: 762.07
NORTHING: 1991420.61
EASTING: 1065429.17
DESCRIPTION: CUT CROSS IN THE SIDEWALK AT THE SE CORNER AT CEDARWOOD CT

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- TURNING SPACE

CONTROL POINT: CP#10
ELEVATION: 762.07
NORTHING: 1991420.61
EASTING: 1065429.17
DESCRIPTION: CUT CROSS IN THE SIDEWALK AT THE SE CORNER AT CEDARWOOD CT

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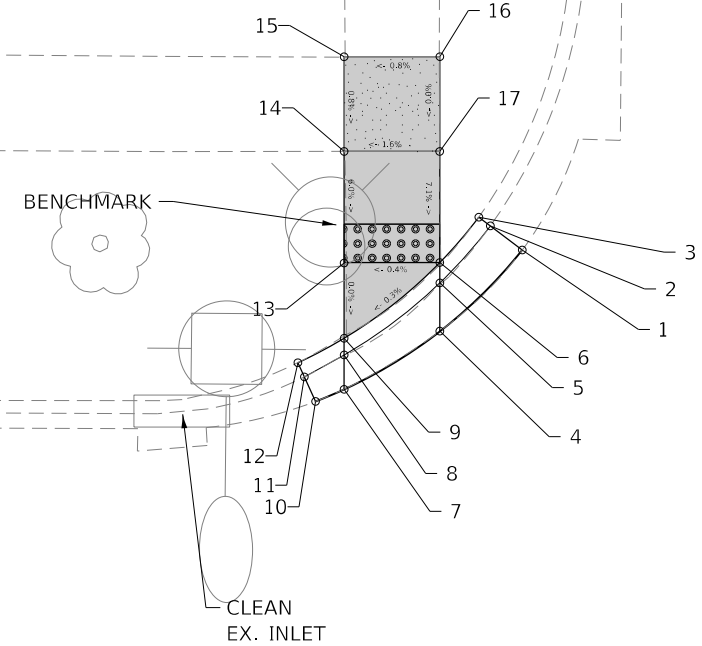
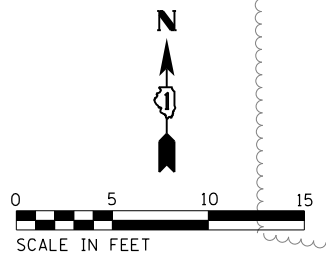


USER NAME = wmmohammed	DESIGNED - AIM / AWM	REVISED -
	DRAWN - AIM / AWM	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - LEG / JA	REVISED -
PLOT DATE = 11/25/2020	DATE - 11/25/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAIL PLAN
IL. RTE 53 / HICKS RD.: LAKE-COOK RD. - U.S. 14 (NORTHWEST HWY)
SCALE: 1" = 10' SHEET OF XX SHEETS STA. TO STA.

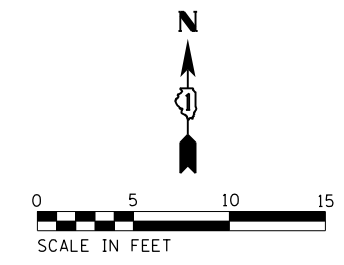
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	2020-046-R5	COOK	58	35
CONTRACT NO. 62L18				
ILLINOIS FED. AID PROJECT				



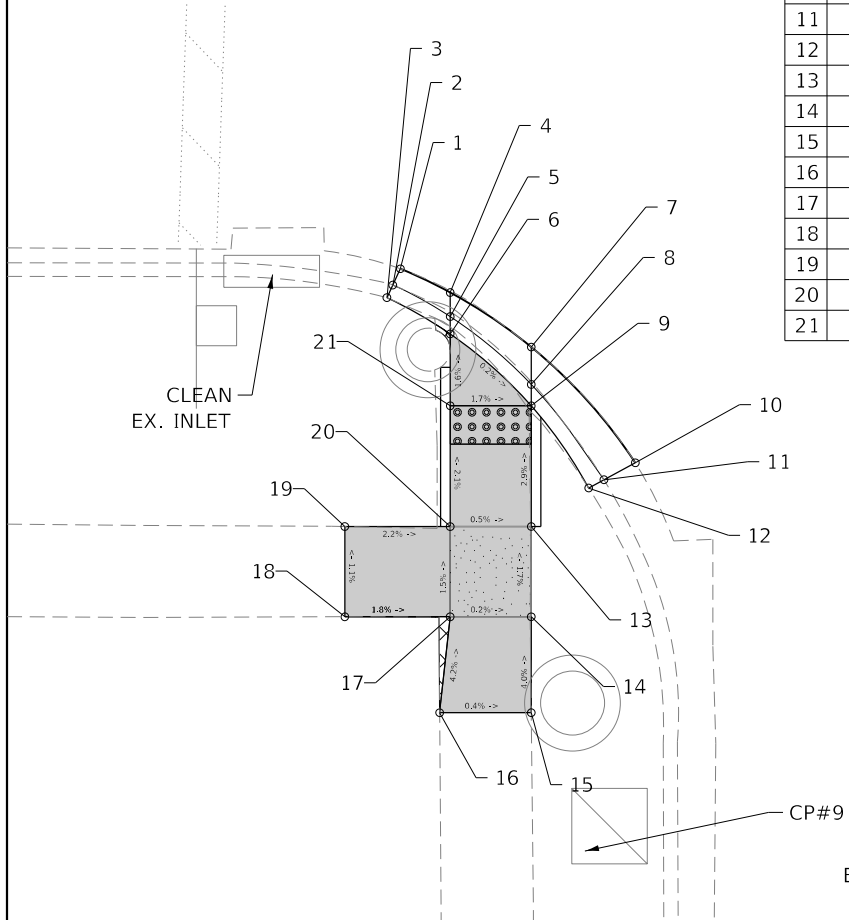
E OLD BRIDGE RD

	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
1	760.81	760.81	1991180.93	1065433.68
2	760.65	760.65	1991182.19	1065432.02
3	761.02	761.02	1991182.64	1065431.42
4	760.70	760.70	1991176.70	1065429.38
5	760.62	760.63	1991179.22	1065429.38
6	760.95	760.67	1991180.28	1065429.38
7	760.68	760.68	1991173.67	1065424.40
8	760.61	760.61	1991175.46	1065424.40
9	760.75	760.65	1991176.33	1065424.40
10	760.68	760.68	1991173.04	1065422.91
11	760.60	760.60	1991174.32	1065422.33
12	760.85	760.85	1991175.06	1065421.99
13	760.87	760.65	1991180.28	1065424.40
14	761.00	761.00	1991186.07	1065424.40
15	761.04	761.04	1991191.00	1065424.40
16	761.08	761.08	1991191.00	1065429.38
17	761.01	761.08	1991186.07	1065429.38

BENCHMARK: CUT CROSS ON EAST BOLT OF FIRE HYDRANT
ELEVATION = 762.74



E OLD BRIDGE RD



BENCHMARK: CUT CROSS ON EAST BOLT OF FIRE HYDRANT
ELEVATION = 762.74

	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
1	760.66	760.66	1991145.15	1065422.56
2	760.62	760.62	1991144.31	1065422.16
3	761.04	761.04	1991143.65	1065421.86
4	760.66	760.66	1991143.92	1065425.15
5	760.73	760.60	1991142.66	1065425.15
6	760.96	760.64	1991141.76	1065425.15
7	760.63	760.63	1991141.08	1065429.38
8	760.60	760.59	1991139.13	1065429.38
9	760.77	760.63	1991138.02	1065429.38
10	760.62	760.62	1991135.05	1065434.80
11	760.57	760.57	1991134.16	1065433.17
12	761.00	761.00	1991133.73	1065432.37
13	761.01	760.81	1991131.73	1065429.38
14	761.07	760.89	1991127.02	1065429.38
15	761.09	761.09	1991122.02	1065429.38
16	761.11	761.11	1991122.02	1065424.61
17	761.07	760.90	1991127.02	1065425.15
18	761.00	761.00	1991127.02	1065419.67
19	760.95	760.95	1991131.73	1065419.67
20	761.00	760.83	1991131.73	1065425.15
21	760.91	760.70	1991138.02	1065425.15

N HICKS RD

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CONTROL POINT: CP#9
 ELEVATION: 761.09
 NORTHING: 1991114.82
 EASTING: 1065432.18
 DESCRIPTION: CUT CROSS IN SW CORNER OF TRAFFIC SIGNAL HANDHOLE

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- TURNING SPACE

CONTROL POINT: CP#9
 ELEVATION: 761.09
 NORTHING: 1991114.82
 EASTING: 1065432.18
 DESCRIPTION: CUT CROSS IN SW CORNER OF TRAFFIC SIGNAL HANDHOLE



USER NAME = wnohamed	DESIGNED - AIM / AWM	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - AIM / AWM	REVISED -
PLOT DATE = 11/25/2020	CHECKED - LEG / JA	REVISED -
	DATE - 11/25/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

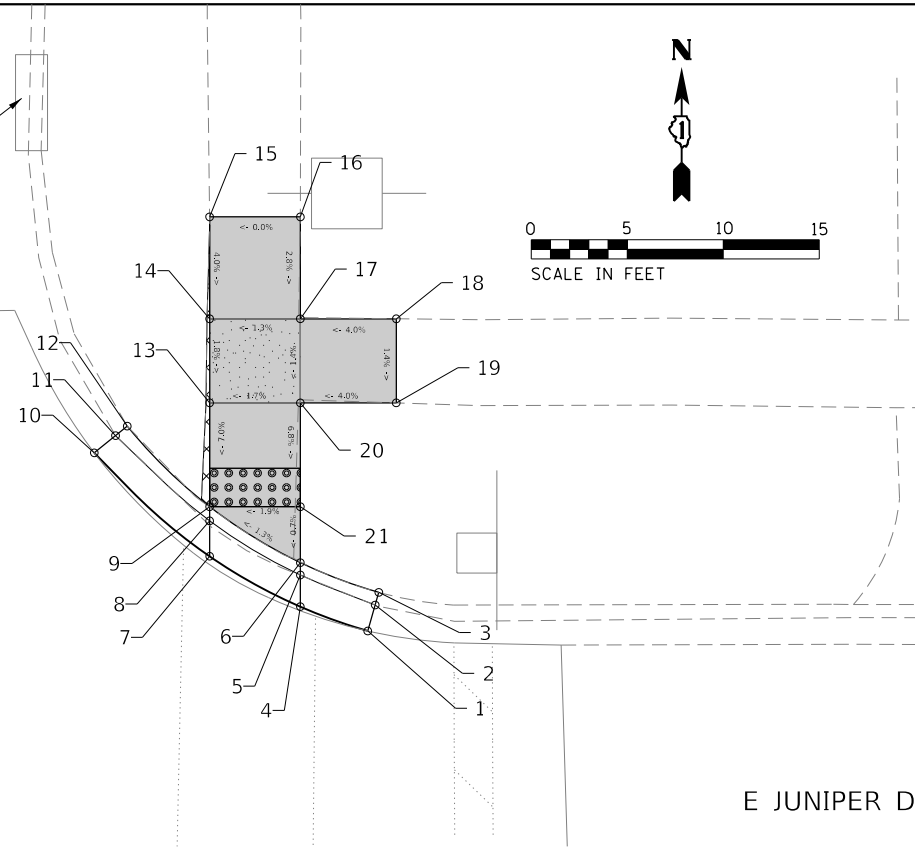
SIDEWALK DETAIL PLAN
 IL. RTE 53 / HICKS RD. : LAKE-COOK RD. - U.S. 14 (NORTHWEST HWY)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	2020-046-R5	COOK	58	36
CONTRACT NO. 62L18				
ILLINOIS FED. AID PROJECT				

N HICKS RD

CLEAN EX. INLET

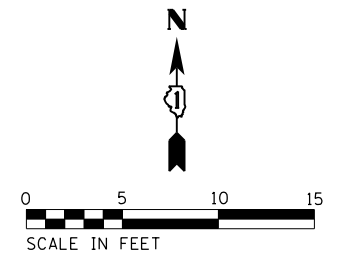


E JUNIPER DR

	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
1	762.64	762.64	1990171.33	1065523.07
2	762.58	762.58	1990172.68	1065523.46
3	762.92	762.92	1990173.35	1065523.64
4	762.59	762.59	1990172.60	1065519.56
5	762.53	762.55	1990174.25	1065519.56
6	762.77	762.59	1990174.89	1065519.56
7	762.52	762.52	1990175.23	1065514.83
8	762.55	762.48	1990177.07	1065514.83
9	762.68	762.52	1990177.81	1065514.83
10	762.47	762.47	1990180.61	1065508.82
11	762.39	762.39	1990181.51	1065509.93
12	762.78	762.78	1990182.01	1065510.54
13	763.02	762.90	1990183.22	1065514.83
14	763.15	762.98	1990187.60	1065514.83
15	763.19	763.19	1990192.91	1065514.83
16	763.19	763.19	1990192.91	1065519.56
17	763.22	763.04	1990187.60	1065519.56
18	763.24	763.24	1990187.60	1065524.56
19	763.18	763.18	1990183.22	1065524.56
20	763.13	762.98	1990183.22	1065519.56
21	762.90	762.61	1990177.81	1065519.56

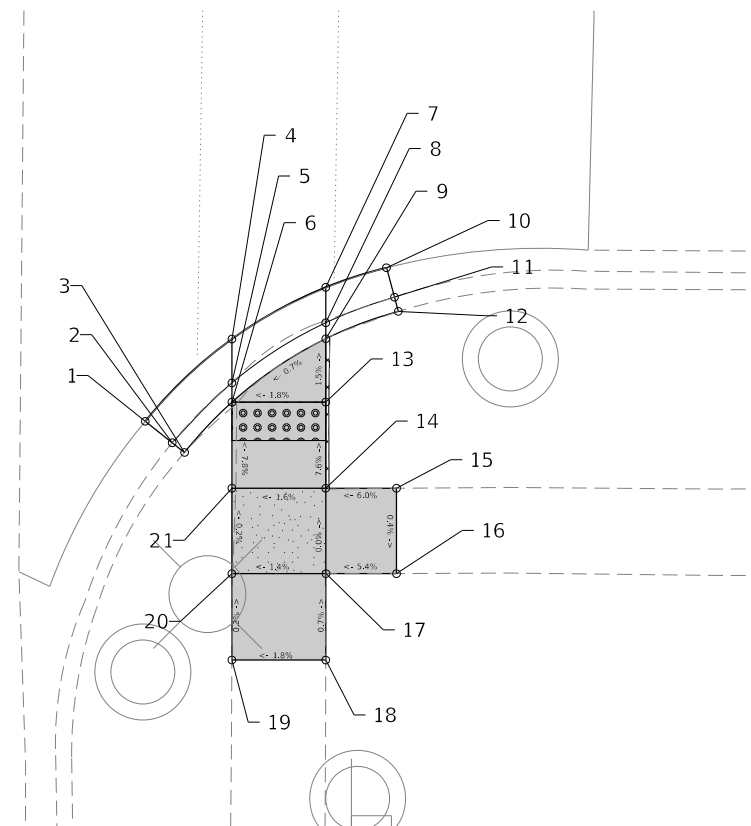
BENCHMARK: CUT CROSS IN SE BOLT ON FIRE HYDRANT AT SW CORNER OF FARMGATE LN ELEVATION = 760.53

	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
1	762.14	762.14	1990137.66	1065510.12
2	762.13	762.13	1990136.54	1065511.53
3	762.52	762.52	1990136.04	1065512.17
4	762.32	762.36	1990141.94	1065514.64
5	762.24	762.32	1990139.66	1065514.64
6	762.48	762.36	1990138.66	1065514.64
7	762.45	762.45	1990144.64	1065519.53
8	762.42	762.36	1990142.79	1065519.53
9	762.60	762.40	1990141.96	1065519.53
10	762.49	762.49	1990145.66	1065522.69
11	762.44	762.44	1990144.13	1065523.11
12	762.85	762.85	1990143.39	1065523.31
13	762.74	762.45	1990138.66	1065519.53
14	762.84	762.79	1990134.17	1065519.53
15	763.01	763.01	1990134.17	1065523.22
16	762.99	762.99	1990129.72	1065523.22
17	762.83	762.79	1990129.72	1065519.53
18	762.82	762.82	1990125.22	1065519.53
19	762.73	762.73	1990125.22	1065514.64
20	762.72	762.72	1990129.72	1065514.64
21	762.64	762.71	1990134.17	1065514.64



E JUNIPER DR

N HICKS RD



BENCHMARK: CUT CROSS IN SE BOLT ON FIRE HYDRANT AT SW CORNER OF FARMGATE LN ELEVATION = 760.53

CONTROL POINT: CP#8
 ELEVATION: 762.17
 NORTHING: 1990069.26
 EASTING: 1065472.08
 DESCRIPTION: SET MAGNAIL IN CENTERLINE OF HICKS RD 63 FT N OF FARMGATE LN EOP

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK

- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- TURNING SPACE

CONTROL POINT: CP#8
 ELEVATION: 762.17
 NORTHING: 1990069.26
 EASTING: 1065472.08
 DESCRIPTION: SET MAGNAIL IN CENTERLINE OF HICKS RD 63 FT N OF FARMGATE LN EOP

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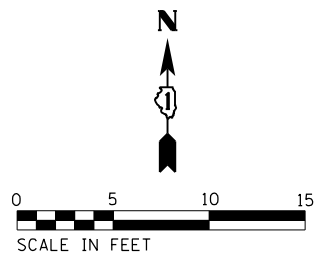


USER NAME = wnohamed	DESIGNED - AIM / AWM	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - AIM / AWM	REVISED -
PLOT DATE = 11/25/2020	CHECKED - LEG / JA	REVISED -
	DATE - 11/25/2020	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAIL PLAN
 IL. RTE 53 / HICKS RD. : LAKE-COOK RD. - U.S. 14 (NORTHWEST HWY)
 SCALE: 1" = 10' SHEET OF XX SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	2020-046-R5	COOK	58	37
CONTRACT NO. 62L18				
ILLINOIS		FED. AID PROJECT		

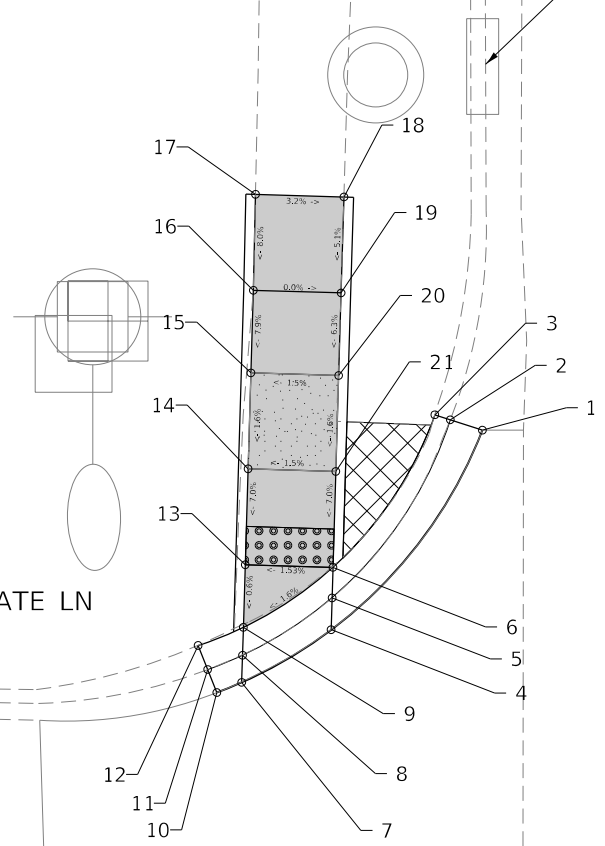


N HICKS RD

CP#8

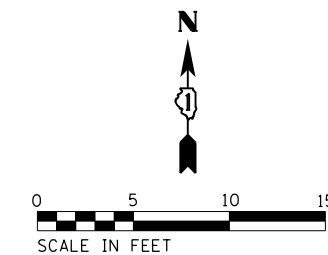
CLEAN EX. INLET

E FARMGATE LN

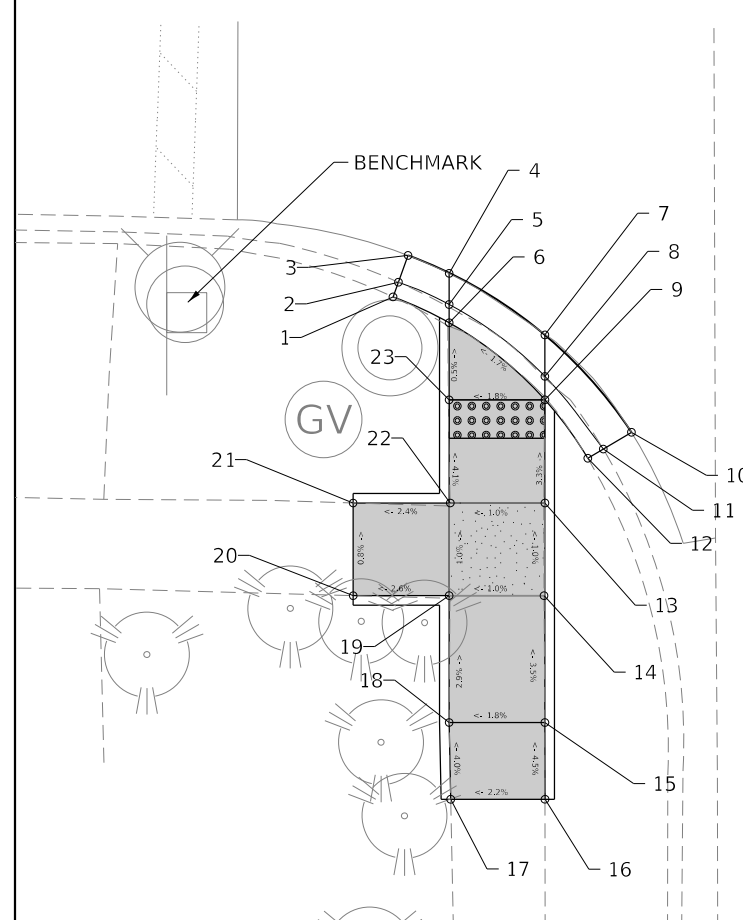


	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
1	760.86	760.86	1990022.64	1065438.15
2	760.91	760.91	1990023.18	1065436.47
3	761.13	761.13	1990023.44	1065435.67
4	760.49	760.49	1990012.23	1065430.26
5	760.53	760.45	1990013.93	1065430.31
6	760.67	760.49	1990015.49	1065430.36
7	760.24	760.40	1990009.50	1065425.61
8	760.22	760.36	1990010.92	1065425.65
9	760.45	760.40	1990012.37	1065425.69
10	760.16	760.16	1990008.97	1065424.31
11	760.12	760.12	1990010.17	1065423.83
12	760.46	760.46	1990011.43	1065423.33
13	760.74	760.42	1990015.63	1065425.79
14	761.11	760.77	1990020.63	1065425.94
15	761.35	760.85	1990025.63	1065426.09
16	761.48	761.19	1990029.93	1065426.21
17	761.59	761.59	1990034.93	1065426.33
18	761.45	761.45	1990034.93	1065430.94
19	761.33	761.19	1990029.79	1065430.79
20	761.21	760.92	1990025.49	1065430.66
21	760.99	760.84	1990020.49	1065430.51

BENCHMARK: CUT CROSS IN SE BOLT ON FIRE HYDRANT
ELEVATION = 760.53



E FARMGATE LN



	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
1	759.96	759.96	1989980.53	1065424.32
2	759.89	759.89	1989979.14	1065423.82
3	760.32	760.32	1989978.37	1065423.54
4	760.02	760.07	1989979.63	1065426.46
5	759.99	760.03	1989977.98	1065426.46
6	760.25	760.07	1989977.03	1065426.46
7	760.18	760.18	1989976.39	1065431.45
8	760.15	760.14	1989974.23	1065431.45
9	760.45	760.18	1989973.01	1065431.45
10	760.40	760.40	1989971.32	1065435.96
11	760.30	760.30	1989970.45	1065434.49
12	760.71	760.71	1989969.97	1065433.68
13	760.61	760.36	1989967.63	1065431.45
14	760.63	760.41	1989962.81	1065431.45
15	760.76	760.64	1989956.20	1065431.45
16	760.82	760.82	1989952.20	1065431.46
17	760.71	760.71	1989952.20	1065426.54
18	760.63	760.55	1989956.20	1065426.46
19	760.45	760.36	1989962.81	1065426.46
20	760.23	760.23	1989962.81	1065421.46
21	760.19	760.19	1989967.63	1065421.46
22	760.43	760.31	1989967.63	1065426.46
23	760.32	760.09	1989973.01	1065426.46

BENCHMARK: CUT CROSS IN SE BOLT ON FIRE HYDRANT
ELEVATION = 760.53

CONTROL POINT: CP#8
ELEVATION: 762.17
NORTHING: 1990069.26
EASTING: 1065472.08
DESCRIPTION: SET MAGNAIL IN CENTERLINE OF HICKS RD 63 FT N OF FARMGATE LN EOP

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK

- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD
- TURNING SPACE

CONTROL POINT: CP#8
ELEVATION: 762.17
NORTHING: 1990069.26
EASTING: 1065472.08
DESCRIPTION: SET MAGNAIL IN CENTERLINE OF HICKS RD 63 FT N OF FARMGATE LN EOP

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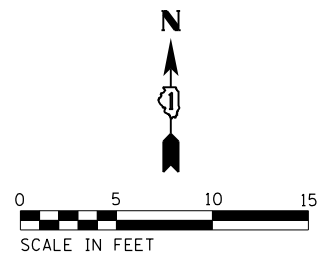
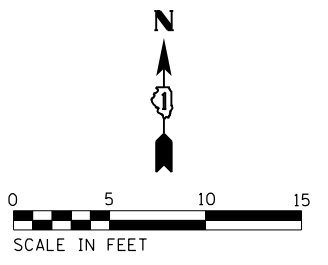
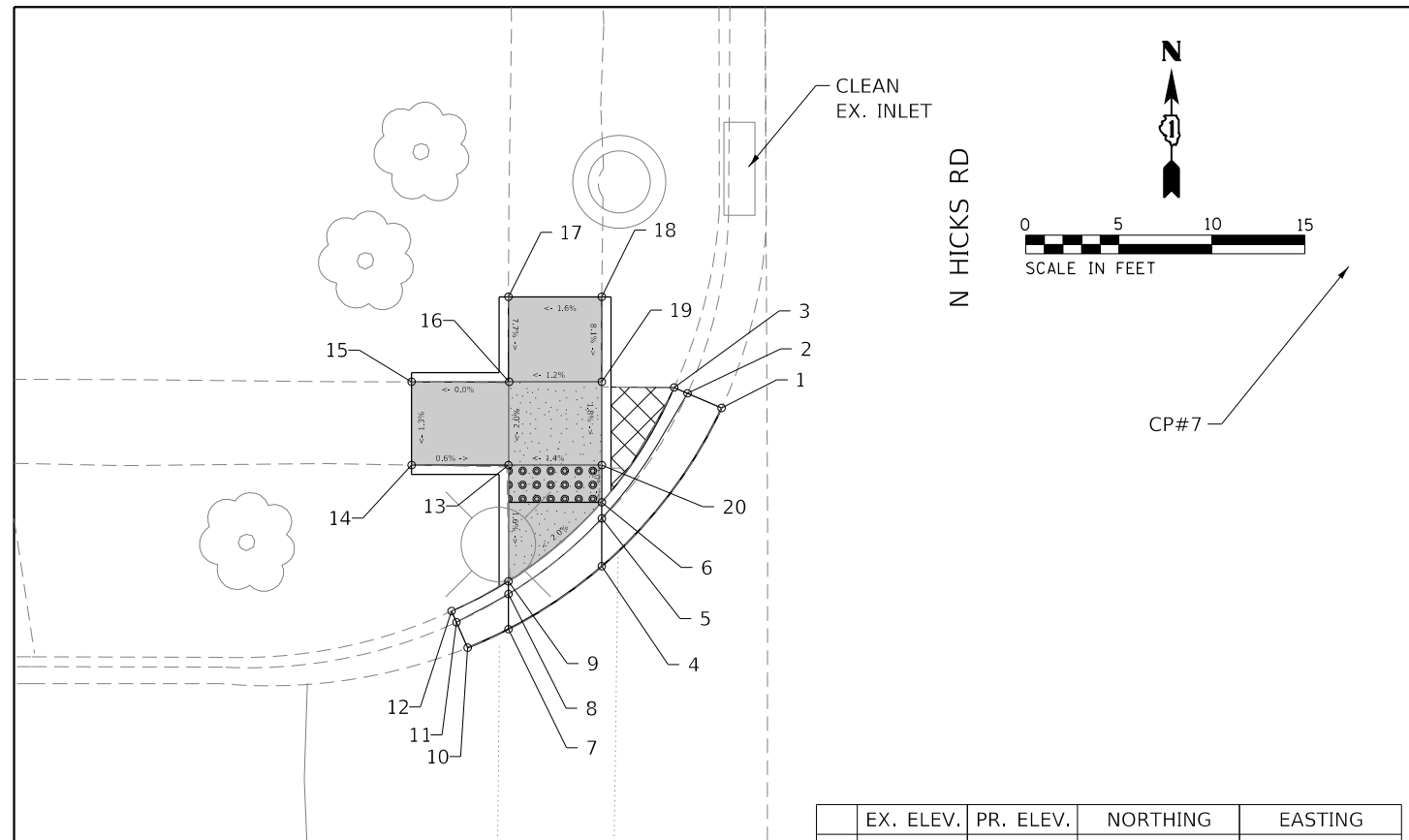


USER NAME = wmmohammed	DESIGNED - AIM / AWM	REVISED -
	DRAWN - AIM / AWM	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - LEG / JA	REVISED -
PLOT DATE = 11/25/2020	DATE - 11/25/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAIL PLAN
IL. RTE 53 / HICKS RD. : LAKE-COOK RD. - U.S. 14 (NORTHWEST HWY)
SCALE: 1" = 10' SHEET OF XX SHEETS STA. TO STA.

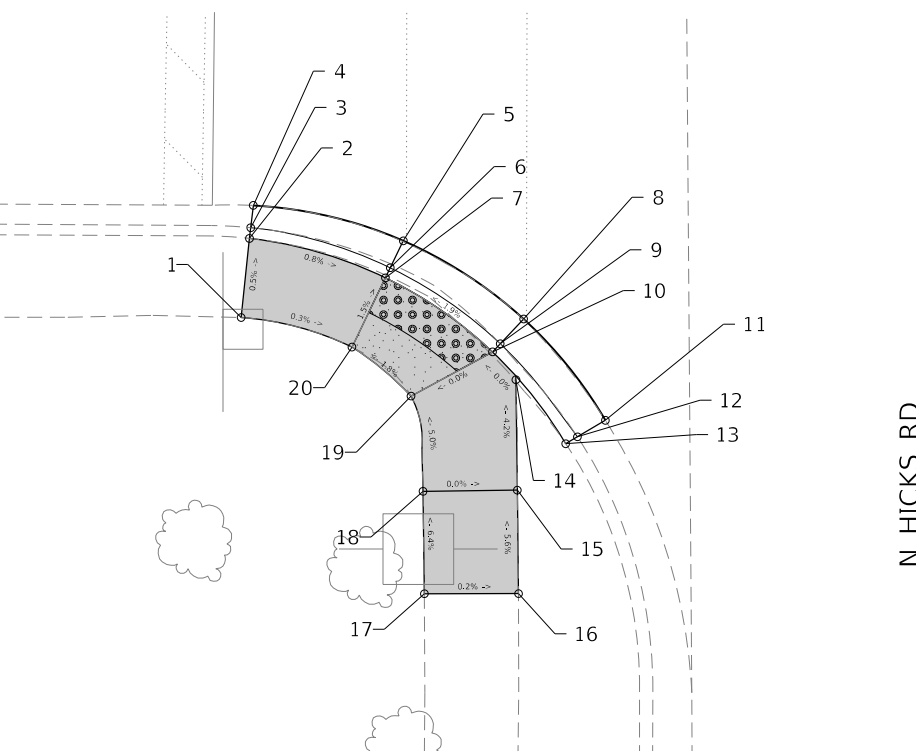
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	2020-046-R5	COOK	58	38
CONTRACT NO. 62L18				
ILLINOIS FED. AID PROJECT				



	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
1	758.25	758.25	1989694.53	1065438.99
2	758.21	758.21	1989695.32	1065437.16
3	758.58	758.58	1989695.63	1065436.44
4	757.83	757.83	1989686.02	1065432.55
5	757.84	757.79	1989688.59	1065432.55
6	757.94	757.83	1989689.46	1065432.55
7	757.57	757.70	1989682.64	1065427.53
8	757.57	757.66	1989684.52	1065427.53
9	757.63	757.70	1989685.21	1065427.53
10	757.45	757.45	1989681.64	1065425.34
11	757.42	757.42	1989683.01	1065424.74
12	757.67	757.67	1989683.61	1065424.47
13	757.91	757.80	1989691.46	1065427.53
14	757.83	757.83	1989691.46	1065422.32
15	757.89	757.89	1989695.94	1065422.32
16	758.01	757.89	1989695.94	1065427.53
17	758.24	758.24	1989700.51	1065427.53
18	758.32	758.32	1989700.51	1065432.55
19	758.13	757.95	1989695.94	1065432.55
20	758.02	757.87	1989691.46	1065432.55

BENCHMARK: NW BOLT ON FIRE HYDRANT AT SE CORNER OF RESEDA PKWY
ELEVATION = 757.77

	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
1	757.52	757.52	1989648.54	1065418.26
2	757.50	757.50	1989652.66	1065418.69
3	757.30	757.30	1989653.22	1065418.76
4	757.31	757.31	1989654.38	1065418.89
5	757.48	757.48	1989652.53	1065426.71
6	757.52	757.40	1989651.13	1065426.03
7	757.70	757.44	1989650.61	1065425.78
8	757.62	757.62	1989648.46	1065432.98
9	757.58	757.53	1989647.18	1065431.76
10	757.67	757.57	1989646.75	1065431.35
11	757.82	757.82	1989643.18	1065437.24
12	757.74	757.74	1989642.32	1065435.78
13	758.07	758.07	1989641.96	1065435.17
14	757.80	757.57	1989645.50	1065432.57
15	758.07	757.85	1989639.54	1065432.65
16	758.15	758.15	1989634.17	1065432.71
17	758.16	758.16	1989634.15	1065427.81
18	758.12	757.87	1989639.48	1065427.73
19	757.91	757.57	1989644.45	1065427.11
20	757.72	757.50	1989647.00	1065424.03



BENCHMARK: NW BOLT ON FIRE HYDRANT AT SE CORNER OF RESEDA PKWY
ELEVATION = 757.77

CONTROL POINT: CP#7
ELEVATION: 759.27
NORTHING: 1989702.14
EASTING: 1065472.71
DESCRIPTION: PK AT CENTERLINE OF HICKS RD 31 FT E OF EOP

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- XX.XX' EXISTING LENGTH
- () EXISTING ELEVATION
- █ PROPOSED SIDEWALK
- █ CLASS D PATCH
- █ DETECTABLE WARNINGS
- █ SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- █ TURNING SPACE

CONTROL POINT: CP#7
ELEVATION: 759.27
NORTHING: 1989702.14
EASTING: 1065472.71
DESCRIPTION: PK AT CENTERLINE OF HICKS RD 31 FT E OF EOP



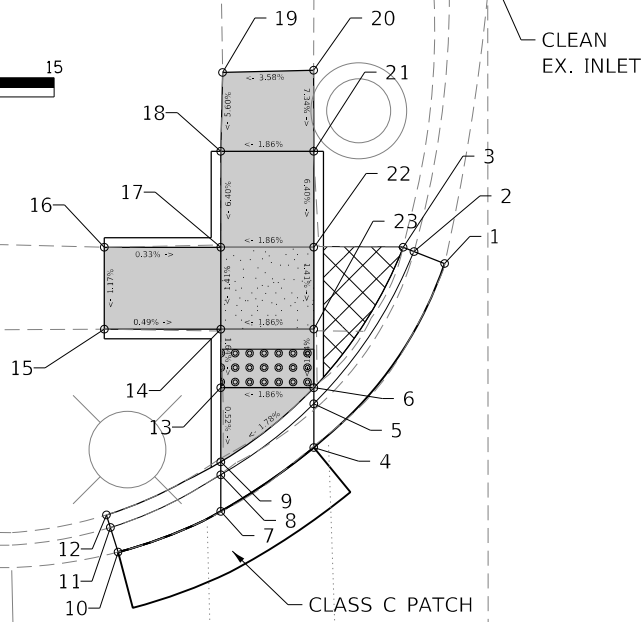
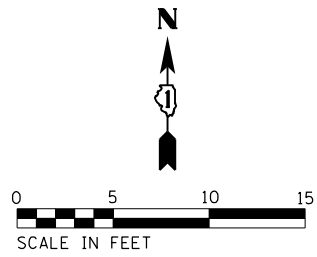
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PLOT DATE = 11/25/2020	CHECKED - LEG / JA	REVISED -
	DATE - 11/25/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAIL PLAN
IL. RTE 53 / HICKS RD. : LAKE-COOK RD. - U.S. 14 (NORTHWEST HWY)

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	2020-046-R5	COOK	58	39
CONTRACT NO. 62L18				
		ILLINOIS FED. AID PROJECT		

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	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
1	755.38	755.38	1989384.13	1065440.15
2	755.30	755.30	1989384.75	1065438.56
3	755.42	755.42	1989384.98	1065437.99
4	754.80	754.80	1989374.54	1065433.33
5	754.79	754.76	1989376.82	1065433.33
6	754.88	754.80	1989377.66	1065433.33
7	754.36	754.69	1989371.22	1065428.49
8	754.48	754.65	1989373.12	1065428.49
9	754.77	754.69	1989373.80	1065428.49
10	754.05	754.05	1989369.10	1065423.14
11	754.12	754.12	1989370.38	1065422.74
12	754.40	754.40	1989371.03	1065422.53
13	754.87	754.71	1989377.66	1065428.49
14	754.84	754.76	1989380.71	1065428.49
15	754.79	754.79	1989380.71	1065422.42
16	754.84	754.84	1989384.98	1065422.42
17	754.92	754.82	1989384.98	1065428.49
18	755.15	755.14	1989389.98	1065428.49
19	755.37	755.37	1989394.09	1065428.58
20	755.54	755.54	1989394.20	1065433.33
21	755.38	755.23	1989389.98	1065433.33
22	755.21	754.91	1989384.98	1065433.33
23	755.05	754.85	1989380.71	1065433.33

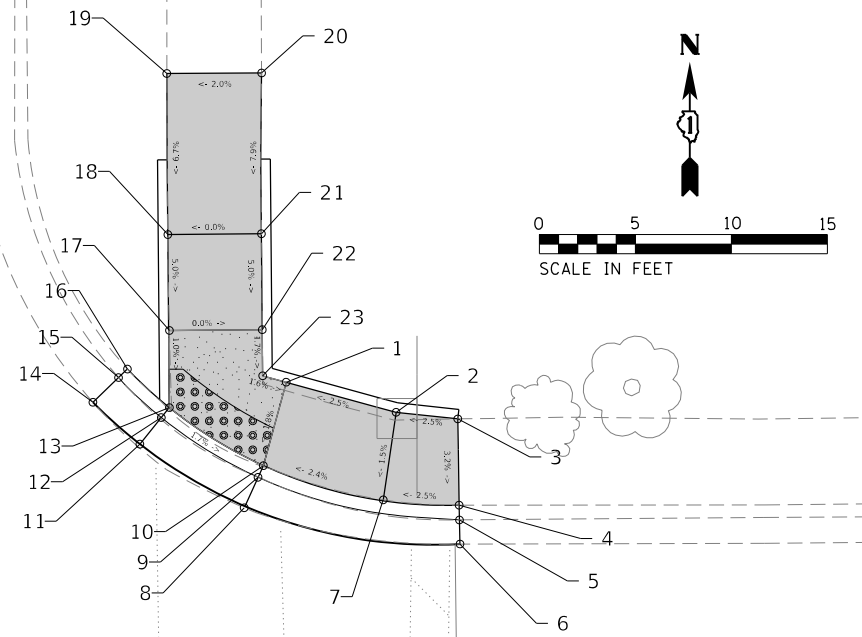
RESEDA PKWY

N HICKS RD

CLEAN EX. INLET

CLASS C PATCH

BENCHMARK: NW BOLT ON FIRE HYDRANT AT SE CORNER OF RESEDA PKWY
ELEVATION = 757.77



	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
1	755.82	755.34	1989383.36	1065522.71
2	755.69	755.49	1989381.79	1065528.43
3	755.57	755.57	1989381.45	1065531.64
4	755.52	755.52	1989376.96	1065531.71
5	755.33	755.33	1989376.19	1065531.73
6	755.36	755.36	1989374.93	1065531.76
7	755.56	755.42	1989377.19	1065527.75
8	755.22	755.22	1989376.91	1065520.55
9	755.30	755.22	1989378.41	1065521.24
10	755.34	755.26	1989379.02	1065521.51
11	755.32	755.32	1989380.14	1065515.08
12	755.34	755.32	1989381.52	1065516.20
13	755.58	755.36	1989382.04	1065516.62
14	755.38	755.38	1989382.32	1065512.64
15	755.38	755.38	1989383.61	1065513.97
16	755.58	755.58	1989384.05	1065514.43
17	755.82	755.40	1989386.06	1065516.58
18	755.98	755.70	1989391.06	1065516.54
19	756.21	756.21	1989399.45	1065516.48
20	756.31	756.31	1989399.47	1065521.43
21	756.05	755.75	1989391.10	1065521.41
22	755.85	755.40	1989386.10	1065521.46
23	755.76	755.36	1989383.70	1065521.48

RESEDA PKWY

N HICKS RD

CP#6

BENCHMARK: NW BOLT ON FIRE HYDRANT AT SE CORNER OF RESEDA PKWY
ELEVATION = 757.77

CONTROL POINT: CP#6
ELEVATION: 755.59
NORTHING: 1989346.74
EASTING: 1065523.83
DESCRIPTION: CUT CROSS AT NOSE OF EAST MEDIAN AT RESEDA PKWY

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- TURNING SPACE

CONTROL POINT: CP#6
ELEVATION: 755.59
NORTHING: 1989346.74
EASTING: 1065523.83
DESCRIPTION: CUT CROSS AT NOSE OF EAST MEDIAN AT RESEDA PKWY

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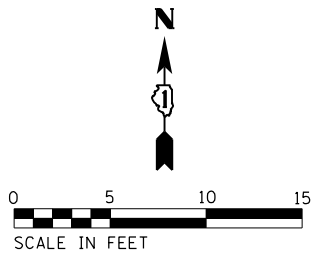


USER NAME = wmoahmed	DESIGNED - AIM / AWM	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - AIM / AWM	REVISED -
PLOT DATE = 11/25/2020	CHECKED - LEG / JA	REVISED -
	DATE - 11/25/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

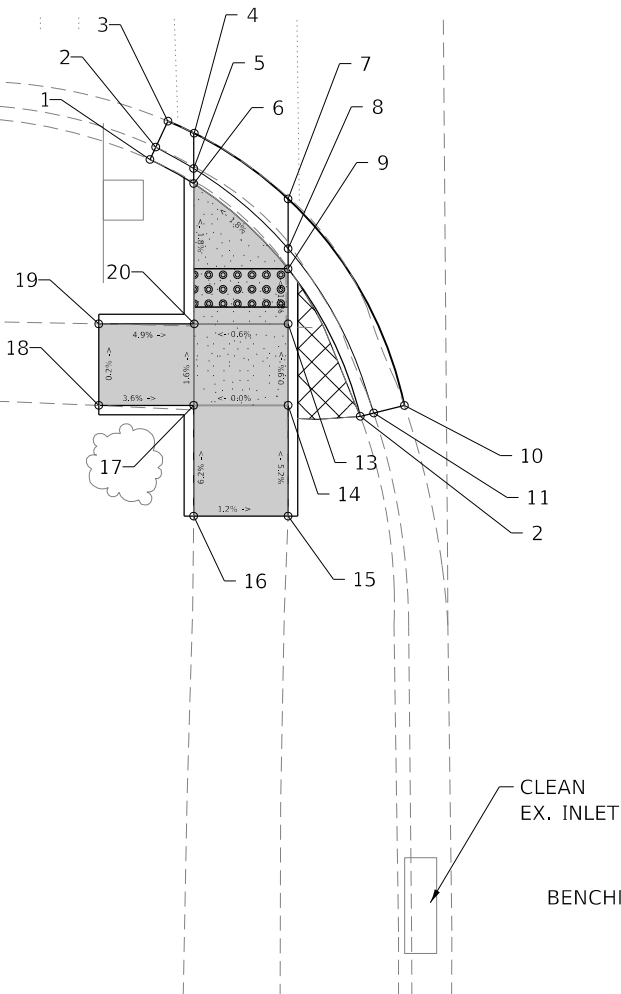
SIDEWALK DETAIL PLAN
IL. RTE 53 / HICKS RD. : LAKE-COOK RD. - U.S. 14 (NORTHWEST HWY)
SCALE: 1" = 10' SHEET OF XX SHEETS STA. TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	2020-046-R5	COOK	58	40
CONTRACT NO. 62L18				
ILLINOIS FED. AID PROJECT				

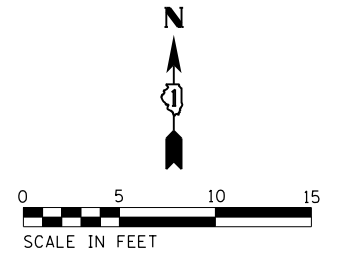


RESEDA PKWY

	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
1	754.51	754.51	1989339.87	1065427.19
2	754.18	754.18	1989340.51	1065427.50
3	754.15	754.15	1989341.87	1065428.13
4	754.21	754.21	1989341.25	1065429.47
5	754.27	754.17	1989339.40	1065429.47
6	754.37	754.21	1989338.61	1065429.47
7	754.34	754.34	1989337.81	1065434.39
8	754.40	754.29	1989335.22	1065434.39
9	754.47	754.33	1989334.17	1065434.39
10	754.55	754.55	1989327.05	1065440.45
11	754.50	754.50	1989326.66	1065438.85
12	754.84	754.84	1989326.49	1065438.15
13	754.58	754.37	1989331.30	1065434.39
14	754.75	754.41	1989327.06	1065434.39
15	754.71	754.71	1989321.29	1065434.39
16	754.77	754.77	1989321.29	1065429.47
17	754.72	754.41	1989327.06	1065429.47
18	754.59	754.59	1989327.06	1065424.53
19	754.58	754.58	1989331.30	1065424.53
20	754.68	754.34	1989331.30	1065429.47



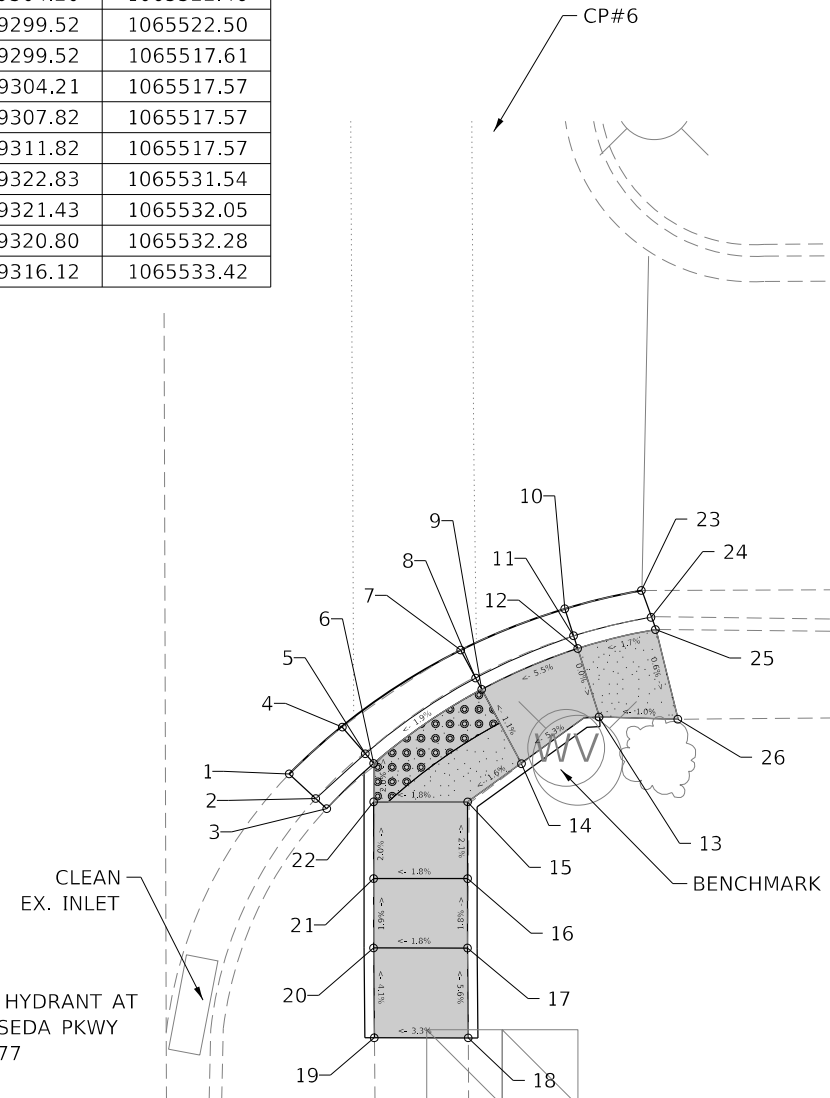
BENCHMARK: NW BOLT ON FIRE HYDRANT AT SE CORNER OF RESEDA PKWY ELEVATION = 757.77



	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
1	754.61	754.61	1989313.27	1065513.17
2	754.57	754.57	1989311.99	1065514.55
3	754.94	754.94	1989311.46	1065515.12
4	754.75	754.92	1989315.74	1065515.91
5	754.71	754.88	1989314.32	1065517.14
6	754.94	754.92	1989313.82	1065517.57
7	755.05	755.05	1989319.73	1065522.10
8	754.96	755.00	1989318.27	1065522.89
9	755.15	755.05	1989317.68	1065523.20
10	755.27	755.27	1989321.88	1065527.53
11	755.12	755.12	1989320.47	1065527.98
12	755.35	755.35	1989319.81	1065528.20
13	755.34	755.34	1989316.24	1065529.34
14	755.33	755.10	1989313.83	1065525.26
15	755.32	755.05	1989311.82	1065522.47
16	755.48	755.13	1989307.82	1065522.47
17	755.46	755.20	1989304.20	1065522.46
18	755.46	755.46	1989299.52	1065522.50
19	755.30	755.30	1989299.52	1065517.61
20	755.20	755.11	1989304.21	1065517.57
21	755.19	755.04	1989307.82	1065517.57
22	755.04	754.96	1989311.82	1065517.57
23	755.38	755.38	1989322.83	1065531.54
24	755.28	755.28	1989321.43	1065532.05
25	755.42	755.42	1989320.80	1065532.28
26	755.39	755.39	1989316.12	1065533.42

N HICKS RD

RESEDA PKWY



BENCHMARK: NW BOLT ON FIRE HYDRANT AT SE CORNER OF RESEDA PKWY ELEVATION = 757.77

CONTROL POINT: CP#6
 ELEVATION: 755.59
 NORTHING: 1989346.74
 EASTING: 1065523.83
 DESCRIPTION: CUT CROSS AT NOSE OF EAST MEDIAN AT RESEDA PKWY

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK

- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- TURNING SPACE

CONTROL POINT: CP#6
 ELEVATION: 755.59
 NORTHING: 1989346.74
 EASTING: 1065523.83
 DESCRIPTION: CUT CROSS AT NOSE OF EAST MEDIAN AT RESEDA PKWY

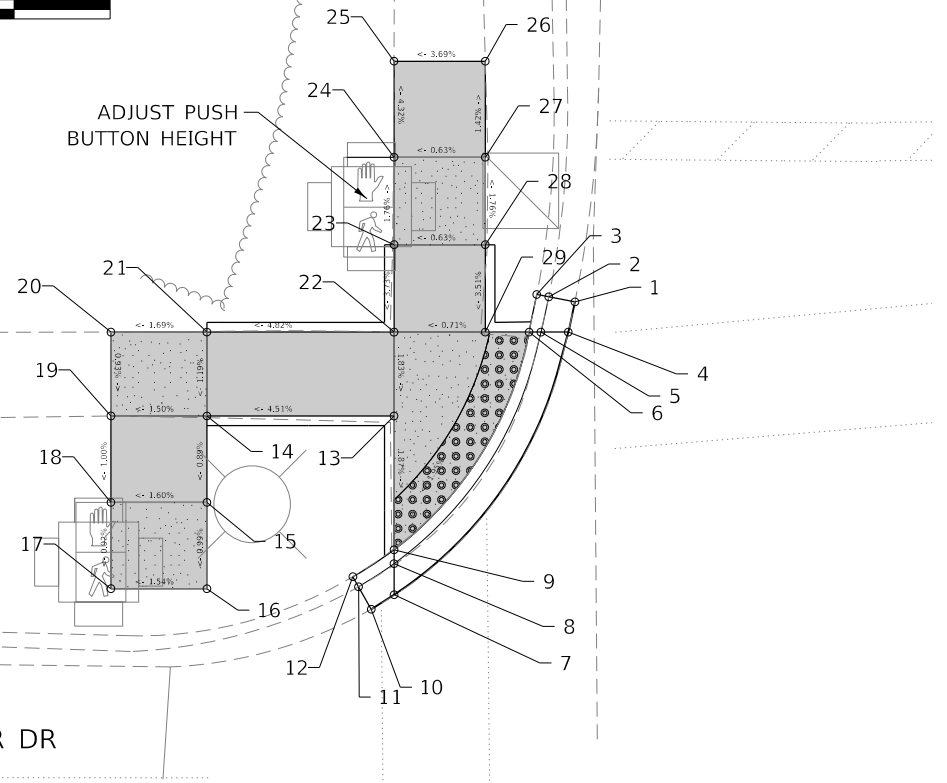
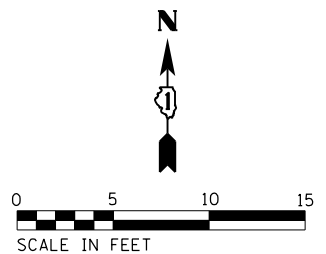


USER NAME = wmoahammed	DESIGNED - AIM / AWM	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - AIM / AWM	REVISED -
PLOT DATE = 11/25/2020	CHECKED - LEG / JA	REVISED -
	DATE - 11/25/2020	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAIL PLAN
 IL. RTE 53 / HICKS RD. : LAKE-COOK RD. - U.S. 14 (NORTHWEST HWY)
 SCALE: 1" = 10' SHEET OF XX SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	2020-046-R5	COOK	58	41
CONTRACT NO. 62L18				
ILLINOIS FED. AID PROJECT				



	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
1	750.59	750.59	1988556.82	1065444.03
2	750.58	750.58	1988557.08	1065442.66
3	750.90	750.90	1988557.20	1065442.03
4	750.61	750.61	1988555.24	1065443.68
5	750.60	750.57	1988555.24	1065442.25
6	750.79	750.61	1988555.24	1065441.63
7	750.32	750.32	1988541.56	1065434.60
8	750.29	750.31	1988543.18	1065434.60
9	750.32	750.35	1988543.91	1065434.60
10	750.25	750.25	1988540.80	1065433.41
11	750.17	750.17	1988541.98	1065432.75
12	750.23	750.23	1988542.50	1065432.46
13	750.43	750.48	1988550.88	1065434.60
14	750.13	750.04	1988550.88	1065424.85
15	750.10	750.00	1988546.38	1065424.85
16	749.96	749.96	1988541.88	1065424.85

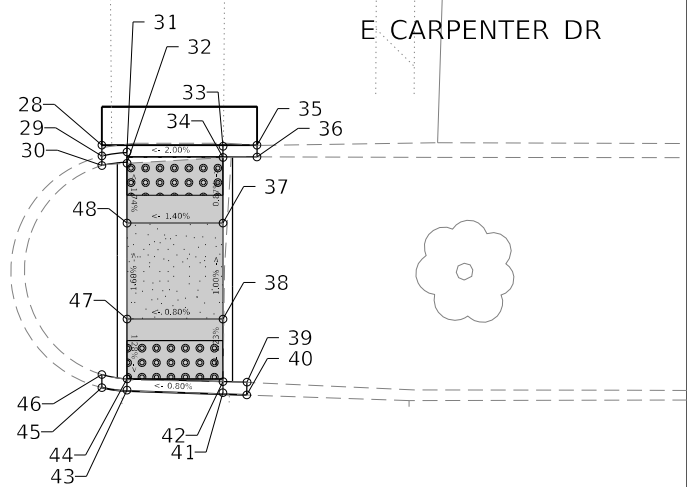
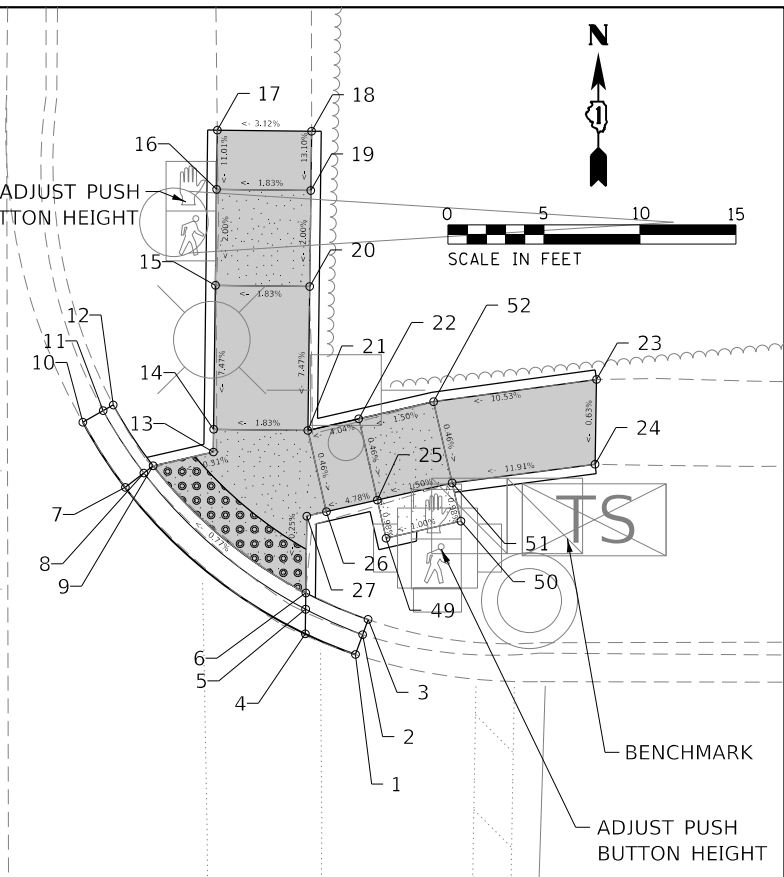
	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
17	749.88	749.88	1988541.88	1065419.85
18	750.00	749.92	1988546.38	1065419.85
19	749.97	749.97	1988550.88	1065419.85
20	750.01	750.01	1988555.24	1065419.85
21	750.16	750.09	1988555.24	1065424.85
22	750.44	750.56	1988555.24	1065434.60
23	750.51	750.73	1988559.80	1065434.60
24	750.48	750.65	1988564.36	1065434.60
25	750.43	750.43	1988569.36	1065434.60
26	750.61	750.61	1988569.36	1065439.35
27	750.71	750.68	1988564.36	1065439.35
28	750.64	750.76	1988559.80	1065439.35
29	750.52	750.60	1988555.24	1065439.35

BENCHMARK: SQUARE NOTCH IN SW CORNER OF FOUNDATION OF TRAFFIC SIGNAL CABINET ELEVATION = 752.11

N HICKS RD

	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
1	750.67	750.67	1988551.11	1065527.69
2	750.69	750.69	1988552.15	1065528.06
3	750.86	750.86	1988552.93	1065528.35
4	750.61	750.61	1988552.18	1065525.08
5	750.60	750.57	1988553.47	1065525.09
6	750.72	750.61	1988554.32	1065525.11
7	750.48	750.48	1988559.80	1065515.69
8	750.48	750.44	1988560.56	1065516.67
9	750.59	750.48	1988560.94	1065517.15
10	750.46	750.46	1988563.21	1065513.49
11	750.47	750.47	1988563.81	1065514.55
12	750.70	750.70	1988564.11	1065515.07
13	750.98	750.54	1988561.66	1065520.29
14	751.08	750.55	1988562.84	1065520.30
15	751.58	751.11	1988570.34	1065520.40
16	751.56	751.21	1988575.34	1065520.46
17	751.55	751.55	1988578.43	1065520.50
18	751.70	751.70	1988578.37	1065525.40
19	751.70	751.30	1988575.28	1065525.37
20	751.72	751.20	1988570.28	1065525.30
21	751.32	750.64	1988562.78	1065525.21
22	751.52	750.77	1988564.33	1065531.97
23	751.71	751.71	1988565.44	1065540.25
24	751.68	751.68	1988561.02	1065540.17
25	751.58	750.75	1988560.10	1065532.94
26	751.15	750.62	1988558.55	1065526.18
27	751.08	750.62	1988558.32	1065525.15
28	750.96	750.96	1988532.01	1065519.53
29	751.06	751.06	1988531.44	1065519.53
30	751.23	751.23	1988530.95	1065519.53
31	751.02	751.08	1988532.01	1065520.84
32	751.21	751.12	1988531.39	1065520.84
33	751.18	751.18	1988532.01	1065525.84
34	751.19	751.22	1988531.39	1065525.84
35	751.26	751.26	1988532.01	1065527.61
36	751.77	751.77	1988531.39	1065527.61
37	751.22	751.25	1988527.95	1065525.84
38	751.23	751.30	1988522.95	1065525.84
39	751.92	751.92	1988519.66	1065527.10
40	751.26	751.26	1988518.99	1065527.08
41	751.22	751.22	1988519.03	1065525.84
42	751.22	751.26	1988519.69	1065525.84
43	751.07	751.07	1988519.20	1065520.84
44	751.18	751.22	1988519.83	1065520.87
45	751.04	751.04	1988519.37	1065519.53
46	751.22	751.22	1988520.06	1065519.53
47	751.20	751.26	1988522.95	1065520.84
48	751.27	751.18	1988527.95	1065520.84
49	751.04	751.04	1988519.37	1065519.53
50	751.22	751.22	1988520.06	1065519.53
51	751.20	751.26	1988522.95	1065520.84

N HICKS RD



BENCHMARK: SQUARE NOTCH IN SW CORNER OF FOUNDATION OF TRAFFIC SIGNAL CABINET ELEVATION = 752.11

CONTROL POINT: CP#5
 ELEVATION: 751.57
 NORTHING: 1988463.98
 EASTING: 1065437.21
 DESCRIPTION: CUT CROSS IN SIDEWALK AT SW CORNER OF CARPENTER DR

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- TURNING SPACE

CONTROL POINT: CP#5
 ELEVATION: 751.57
 NORTHING: 1988463.98
 EASTING: 1065437.21
 DESCRIPTION: CUT CROSS IN SIDEWALK AT SW CORNER OF CARPENTER DR

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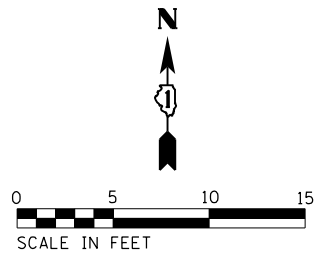


USER NAME = wnohamed	DESIGNED - AIM / AWM	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - AIM / AWM	REVISED -
PLOT DATE = 11/25/2020	CHECKED - LEG / JA	REVISED -
	DATE - 11/25/2020	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

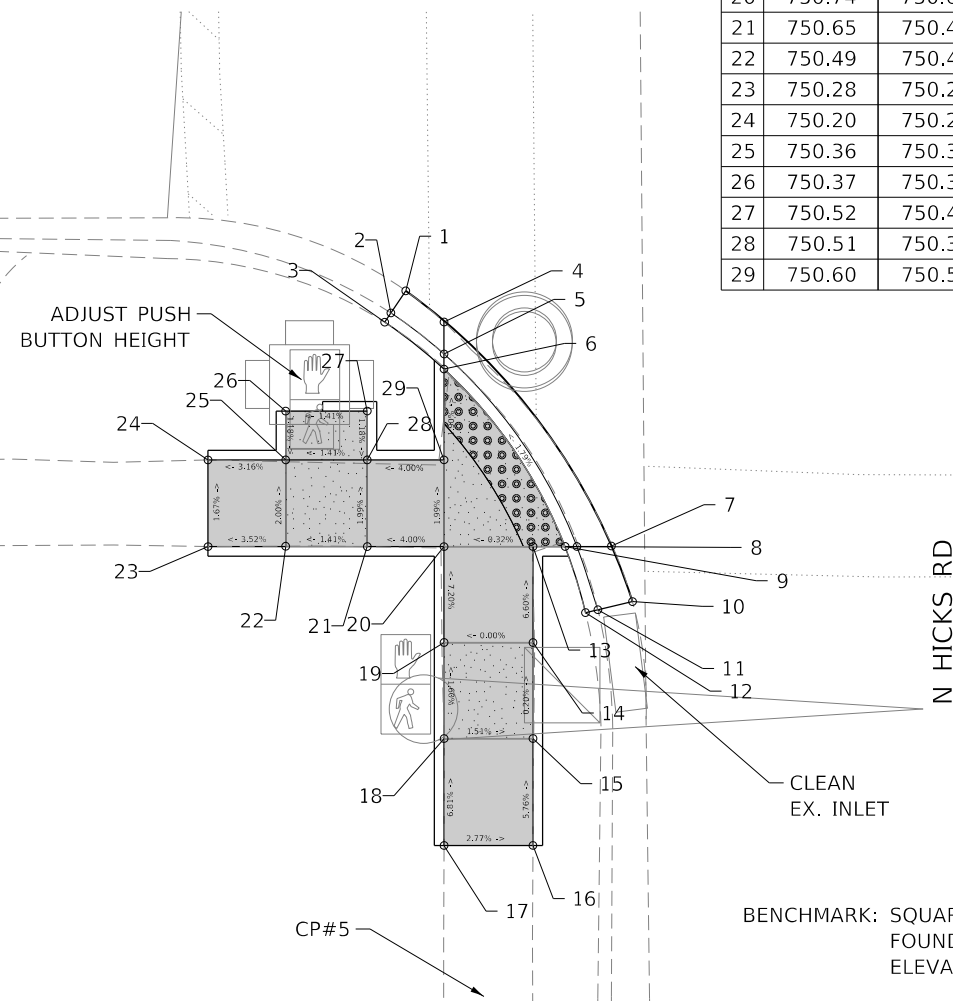
SIDEWALK DETAIL PLAN
 IL. RTE 53 / HICKS RD. : LAKE-COOK RD. - U.S. 14 (NORTHWEST HWY)
 SCALE: 1" = 10' SHEET OF XX SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	2020-046-R5	COOK	58	42
CONTRACT NO. 62L18				
ILLINOIS FED. AID PROJECT				



	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
1	750.18	750.18	1988500.74	1065433.13
2	750.16	750.16	1988499.59	1065432.36
3	750.47	750.47	1988499.10	1065432.04
4	750.30	750.42	1988499.18	1065435.13
5	750.35	750.42	1988497.45	1065435.13
6	750.61	750.46	1988496.66	1065435.13
7	750.69	750.69	1988487.41	1065443.87
8	750.69	750.62	1988487.41	1065442.05
9	750.87	750.66	1988487.41	1065441.43
10	750.80	750.80	1988484.54	1065444.95
11	750.79	750.79	1988484.12	1065443.14
12	751.21	751.21	1988483.97	1065442.50
13	750.74	750.67	1988487.41	1065439.76
14	751.00	751.00	1988482.41	1065439.76
15	751.21	751.01	1988477.41	1065439.76
16	751.33	751.33	1988471.84	1065439.76
17	751.46	751.46	1988471.84	1065435.13
18	751.34	751.08	1988477.41	1065435.13
19	751.10	751.00	1988482.41	1065435.13
20	750.74	750.64	1988487.41	1065435.13
21	750.65	750.48	1988487.41	1065431.13
22	750.49	750.42	1988487.43	1065426.88
23	750.28	750.28	1988487.41	1065422.83
24	750.20	750.20	1988491.93	1065422.83
25	750.36	750.33	1988491.93	1065426.88
26	750.37	750.36	1988494.47	1065426.88
27	750.52	750.42	1988494.47	1065431.13
28	750.51	750.39	1988491.93	1065431.13
29	750.60	750.55	1988491.93	1065435.13

E CARPENTER DR

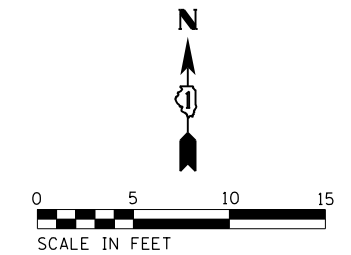


BENCHMARK: SQUARE NOTCH IN SW CORNER OF FOUNDATION OF TRAFFIC SIGNAL CABINET ELEVATION = 752.11

CONTROL POINT: CP#5
 ELEVATION: 751.57
 NORTHING: 1988463.98
 EASTING: 1065437.21
 DESCRIPTION: CUT CROSS IN SIDEWALK AT SW CORNER OF CARPENTER DR

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- TURNING SPACE

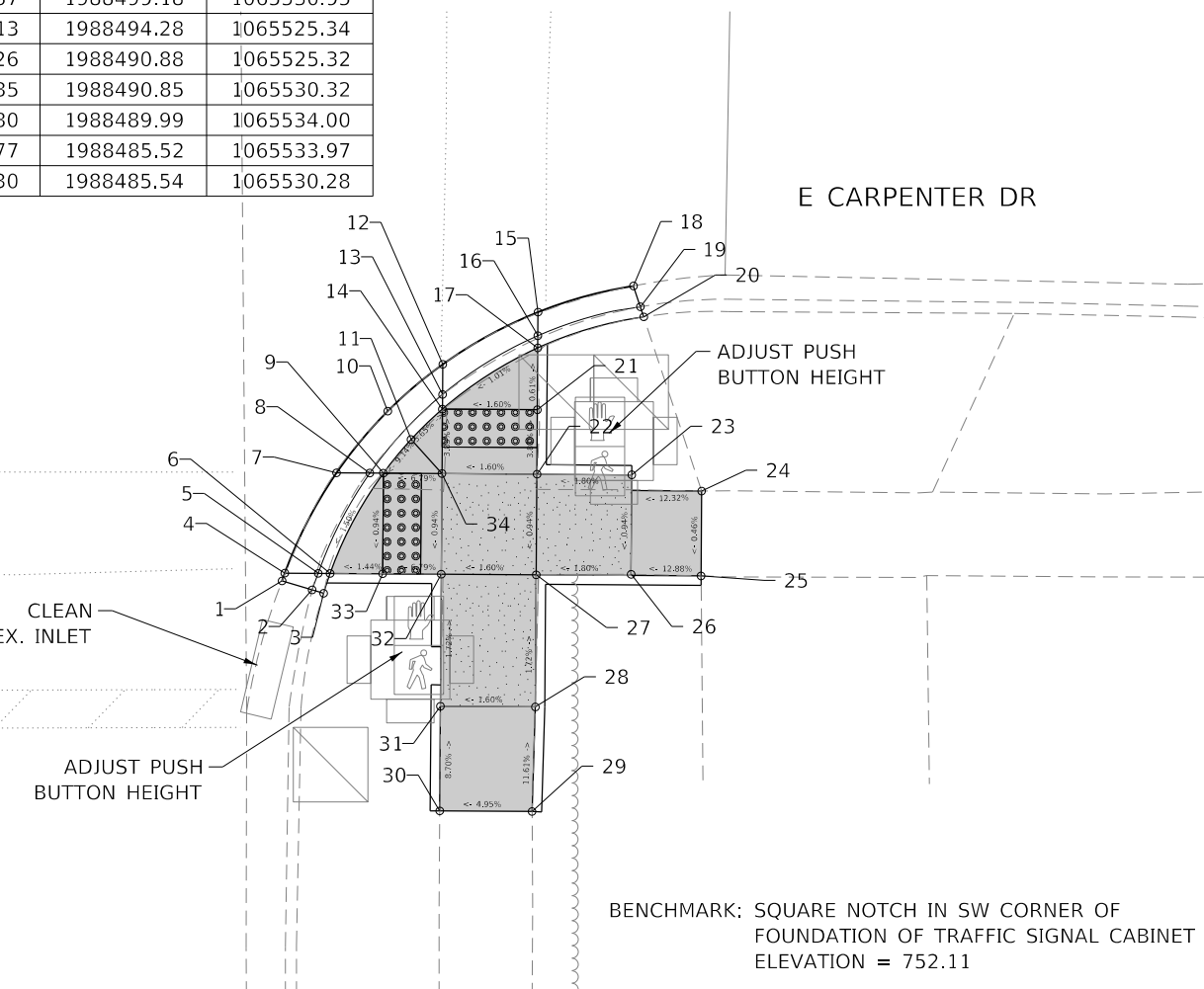


	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
1	750.84	750.84	1988485.25	1065511.89
2	750.84	750.84	1988484.78	1065513.47
3	751.23	751.23	1988484.60	1065514.08
4	750.84	750.84	1988485.67	1065512.03
5	750.86	750.84	1988485.65	1065513.80
6	750.96	750.88	1988485.65	1065514.42
7	750.97	750.97	1988490.95	1065514.76
8	751.00	750.93	1988490.94	1065516.51
9	751.19	750.97	1988490.94	1065517.23
10	751.02	751.02	1988494.15	1065517.40
11	751.19	751.18	1988492.71	1065518.69
12	751.05	751.05	1988496.67	1065520.36
13	751.08	751.01	1988495.09	1065520.35
14	751.15	751.05	1988494.31	1065520.34
15	751.11	751.11	1988499.43	1065525.38
16	751.13	751.07	1988498.18	1065525.37
17	751.22	751.11	1988497.54	1065525.37
18	751.21	751.21	1988500.81	1065530.41
19	751.19	751.19	1988499.71	1065530.77
20	751.37	751.37	1988499.18	1065530.95
21	751.33	751.13	1988494.28	1065525.34
22	751.39	751.26	1988490.88	1065525.32
23	751.75	751.35	1988490.85	1065530.32
24	751.80	751.80	1988489.99	1065534.00
25	751.77	751.77	1988485.52	1065533.97
26	751.64	751.30	1988485.54	1065530.28

	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
27	751.58	751.21	1988485.58	1065525.28
28	751.77	751.33	1988478.61	1065525.24
29	751.97	751.97	1988473.09	1065525.06
30	751.73	751.73	1988473.13	1065520.20
31	751.65	751.25	1988478.64	1065520.23
32	751.43	751.13	1988485.61	1065520.28
33	751.16	750.92	1988485.63	1065517.19
34	751.22	751.18	1988490.92	1065520.32

E CARPENTER DR

N HICKS RD



BENCHMARK: SQUARE NOTCH IN SW CORNER OF FOUNDATION OF TRAFFIC SIGNAL CABINET ELEVATION = 752.11

CONTROL POINT: CP#5
 ELEVATION: 751.57
 NORTHING: 1988463.98
 EASTING: 1065437.21
 DESCRIPTION: CUT CROSS IN SIDEWALK AT SW CORNER OF CARPENTER DR

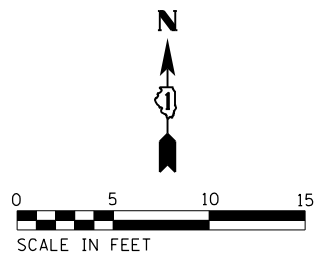


USER NAME = wnohmed	DESIGNED - AIM / AWM	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - AIM / AWM	REVISED -
PLOT DATE = 11/25/2020	CHECKED - LEG / JA	REVISED -
	DATE - 11/25/2020	REVISED -

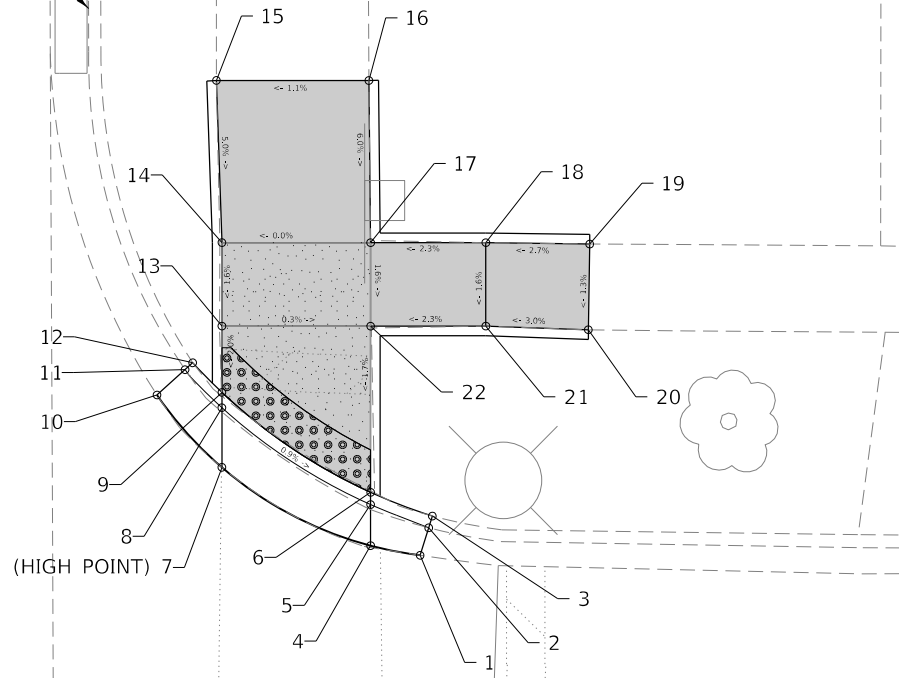
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAIL PLAN
 IL. RTE 53 / HICKS RD. : LAKE-COOK RD. - U.S. 14 (NORTHWEST HWY)
 SCALE: 1" = 10' SHEET OF XX SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	2020-046-R5	COOK	58	43
CONTRACT NO. 62L18				
ILLINOIS FED. AID PROJECT				

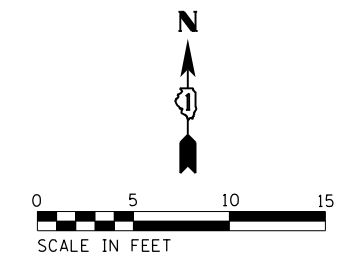


CLEAN EX. INLET



	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
1	750.20	750.20	1988028.45	1065530.84
2	750.12	750.12	1988029.88	1065531.29
3	750.37	750.37	1988030.49	1065531.48
4	750.29	750.29	1988028.95	1065528.26
5	750.23	750.25	1988031.09	1065528.26
6	750.33	750.29	1988031.73	1065528.26
7	750.37	750.37	1988033.03	1065520.51
8	750.33	750.33	1988036.14	1065520.51
9	750.45	750.37	1988036.93	1065520.51
10	750.31	750.31	1988036.80	1065517.13
11	750.30	750.30	1988038.12	1065518.60
12	750.60	750.60	1988038.48	1065518.99
13	750.74	750.44	1988040.39	1065520.51
14	750.82	750.51	1988044.74	1065520.51
15	750.93	750.93	1988053.19	1065520.23
16	751.02	751.02	1988053.19	1065528.17
17	750.88	750.51	1988044.74	1065528.27
18	750.81	750.65	1988044.74	1065534.27
19	750.80	750.80	1988044.66	1065539.68
20	750.74	750.74	1988040.20	1065539.61
21	750.81	750.58	1988040.39	1065534.27
22	750.81	750.44	1988040.39	1065528.26

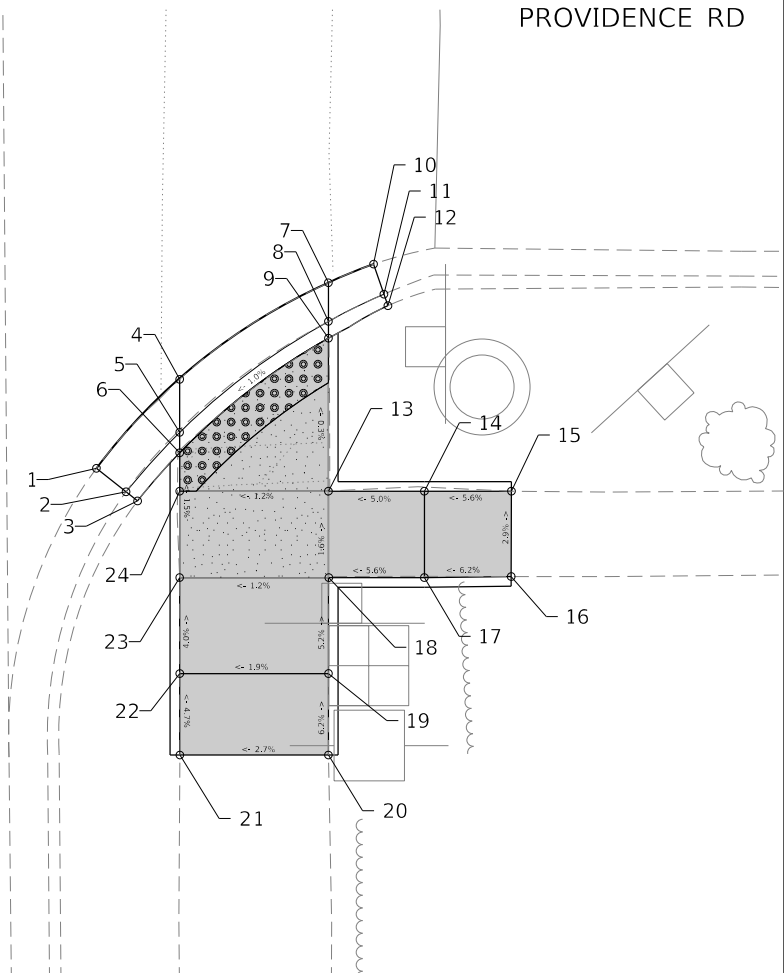
BENCHMARK: SE BOLT ON P. LIGHT OF WEST LEG OF PROVIDENCE NEAR SIDEWALK WEST OF HICKS RD
ELEVATION = 751.40



N HICKS RD

	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
1	750.08	750.08	1987992.30	1065516.62
2	750.11	750.11	1987991.08	1065518.17
3	750.54	750.54	1987990.60	1065518.77
4	750.08	750.08	1987996.99	1065520.97
5	750.11	750.04	1987994.17	1065520.97
6	750.31	750.08	1987993.10	1065520.97
7	750.18	750.18	1988001.97	1065528.72
8	750.10	750.14	1987999.94	1065528.72
9	750.19	750.18	1987999.08	1065528.72
10	750.19	750.19	1988002.94	1065531.07
11	750.14	750.14	1988001.37	1065531.61
12	750.39	750.39	1988000.77	1065531.82
13	750.53	750.20	1987991.10	1065528.72
14	750.63	750.45	1987991.10	1065533.72
15	750.70	750.70	1987991.11	1065538.25
16	750.83	750.83	1987986.66	1065538.24
17	750.75	750.55	1987986.60	1065533.72
18	750.70	750.27	1987986.61	1065528.72
19	750.75	750.53	1987981.60	1065528.72
20	750.79	750.79	1987977.36	1065528.72
21	750.58	750.58	1987977.36	1065520.98
22	750.57	750.38	1987981.60	1065520.97
23	750.56	750.18	1987986.60	1065520.97
24	750.42	750.11	1987991.10	1065520.97

BENCHMARK: SE BOLT ON P. LIGHT OF WEST LEG OF PROVIDENCE NEAR SIDEWALK WEST OF HICKS RD
ELEVATION = 751.40



PROVIDENCE RD

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CONTROL POINT: CP#4
ELEVATION: 750.58
NORTHING: 1987973.86
EASTING: 1065480.58
DESCRIPTION: PK_AT_CENTERLINE_IN_HICKS_ROAD_S_OF_PROVIDENCE_RD

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD
- TURNING SPACE

CONTROL POINT: CP#4
ELEVATION: 750.58
NORTHING: 1987973.86
EASTING: 1065480.58
DESCRIPTION: PK AT CENTERLINE IN HICKS ROAD S OF PROVIDENCE RD



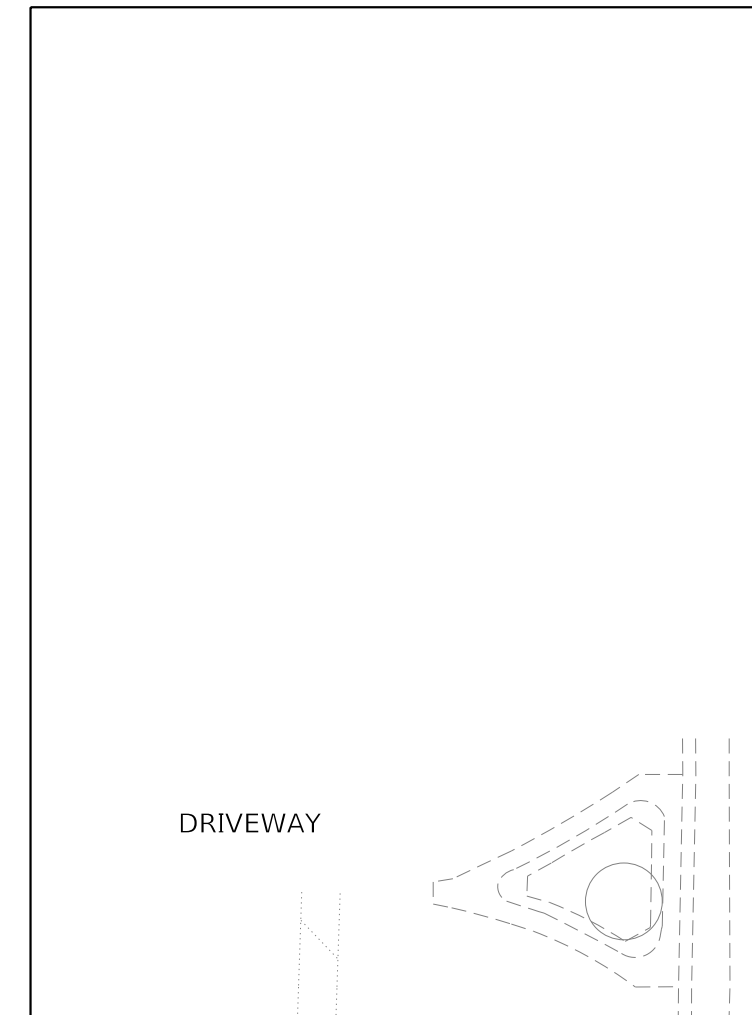
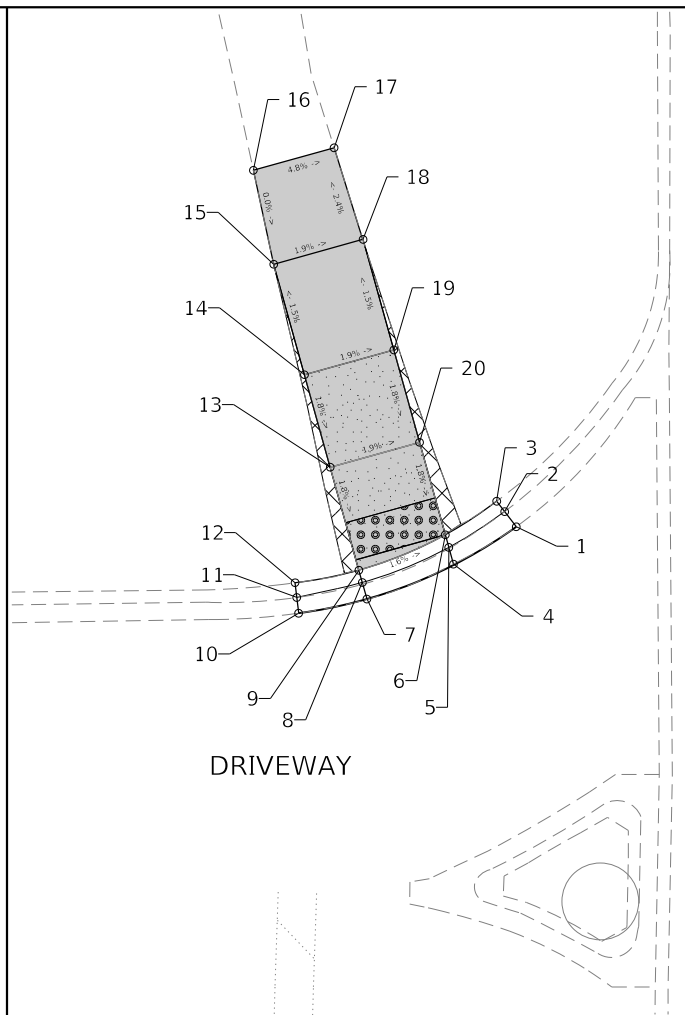
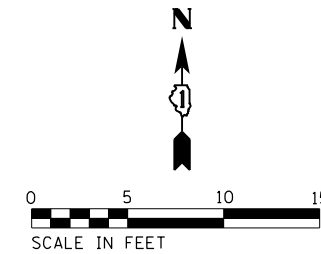
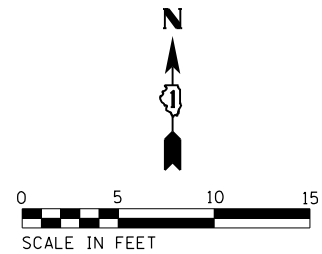
USER NAME = wnohamed	DESIGNED - AIM / AWM	REVISED -
PLOT SCALE = 10.0000' / in.	DRAWN - AIM / AWM	REVISED -
PLOT DATE = 11/25/2020	CHECKED - LEG / JA	REVISED -
	DATE - 11/25/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAIL PLAN
IL. RTE 53 / HICKS RD. : LAKE-COOK RD. - U.S. 14 (NORTHWEST HWY)

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	2020-046-R5	COOK	58	44
CONTRACT NO. 62L18				
ILLINOIS FED. AID PROJECT				

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



	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
1	758.90	758.90	1986311.11	1065435.21
2	758.88	758.88	1986310.20	1065435.12
3	759.32	759.32	1986309.47	1065435.05
4	758.80	758.80	1986310.58	1065438.24
5	759.80	758.76	1986309.77	1065438.04
6	759.16	758.80	1986309.05	1065437.85
7	758.67	758.71	1986309.11	1065442.92
8	758.69	758.67	1986308.30	1065442.71
9	758.84	758.71	1986307.56	1065442.52
10	758.60	758.60	1986307.01	1065446.93
11	758.60	758.60	1986306.33	1065446.50
12	759.09	759.09	1986305.68	1065446.08
13	759.09	758.89	1986302.72	1065441.27
14	759.15	758.97	1986297.88	1065440.02
15	759.20	759.17	1986294.10	1065439.04
16	759.29	759.29	1986289.81	1065438.00
17	759.47	759.47	1986290.98	1065433.20
18	759.37	759.24	1986295.32	1065434.29
19	759.33	759.04	1986299.11	1065435.27
20	759.29	758.98	1986303.95	1065436.53

	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
1	758.54	758.54	1986341.99	1065448.25
2	758.46	758.46	1986342.78	1065447.64
3	758.91	758.91	1986343.32	1065447.23
4	758.61	758.71	1986340.00	1065444.99
5	758.58	758.67	1986340.91	1065444.73
6	758.71	758.71	1986341.57	1065444.55
7	758.79	758.79	1986338.23	1065440.47
8	758.76	758.75	1986339.09	1065440.23
9	758.85	758.79	1986339.73	1065440.05
10	758.91	758.91	1986337.49	1065436.91
11	758.85	758.85	1986338.31	1065436.81
12	759.29	759.29	1986339.08	1065436.73
13	759.04	758.89	1986345.09	1065438.55
14	759.05	758.98	1986349.91	1065437.21
15	758.98	758.89	1986355.67	1065435.61
16	758.89	758.89	1986360.56	1065434.55
17	758.68	758.68	1986361.74	1065438.76
18	758.68	758.80	1986356.96	1065440.27
19	758.76	758.89	1986351.21	1065441.87
20	758.83	758.80	1986346.39	1065443.21

BENCHMARK: CUT CROSS IN WEST BOLT ON FIRE HYDRANT
ELEVATION = 760.27

CONTROL POINT: CP#3
ELEVATION: 759.30
NORTHING: 1986260.15
EASTING: 1065489.07
DESCRIPTION: SET MAGNAIL IN MEDIAN S OF DRIVEWAY ENTRANCE

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK

- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD
- TURNING SPACE

CONTROL POINT: CP#3
ELEVATION: 759.30
NORTHING: 1986260.15
EASTING: 1065489.07
DESCRIPTION: SET MAGNAIL IN MEDIAN S OF DRIVEWAY ENTRANCE

MODEL: D:\dgn\11-HicksRd_Resturf.dwg SHEET: D:\2020\11-HicksRd_Resturf.dwg 02/18/2020 11:25:20 AM 11-HicksRd_Resturf.dwg

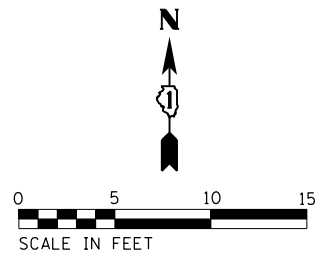


USER NAME = wnohmed	DESIGNED - AIM / AWM	REVISED -
	DRAWN - AIM / AWM	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - LEG / JA	REVISED -
PLOT DATE = 11/25/2020	DATE - 11/25/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

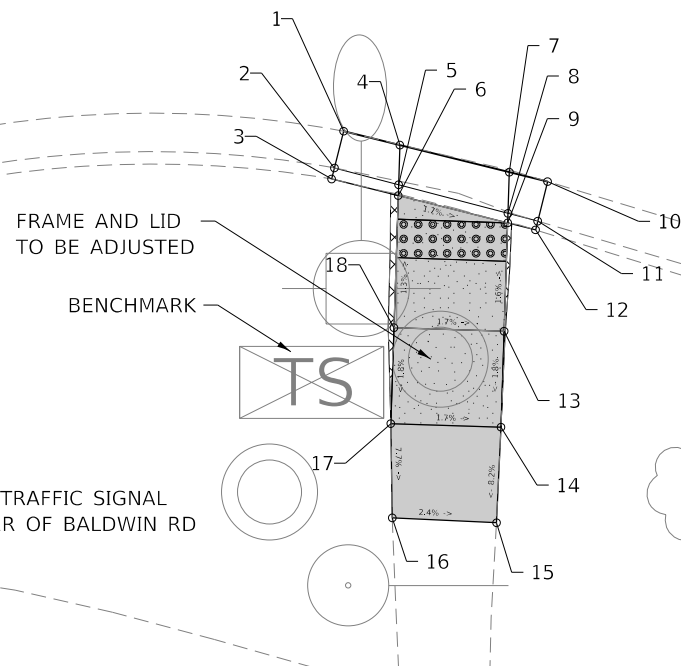
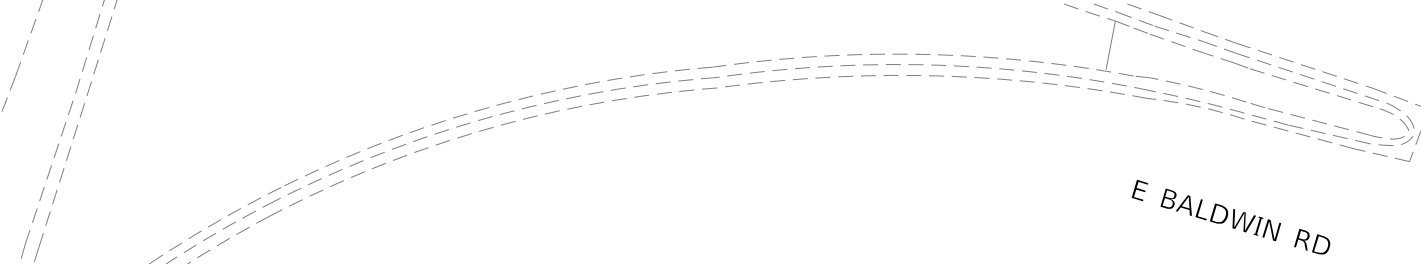
SIDEWALK DETAIL PLAN
IL. RTE 53 / HICKS RD. : LAKE-COOK RD. - U.S. 14 (NORTHWEST HWY)
SCALE: 1" = 10' SHEET OF XX SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	2020-046-R5	COOK	58	45
CONTRACT NO. 62L18				
ILLINOIS FED. AID PROJECT				

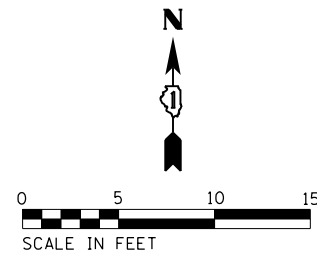


	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
1	758.39	758.39	1985985.31	1065532.62
2	757.87	757.87	1985985.89	1065532.76
3	757.99	757.99	1985987.80	1065533.24
4	757.90	757.90	1985987.08	1065536.17
5	757.92	757.86	1985985.01	1065536.10
6	757.99	757.90	1985984.44	1065536.09
7	757.76	757.80	1985985.67	1065541.88
8	757.65	757.76	1985983.52	1065541.81
9	757.94	757.80	1985983.02	1065541.79
10	757.71	757.71	1985985.18	1065543.87
11	757.57	757.57	1985983.12	1065543.35
12	758.11	758.11	1985982.66	1065543.24
13	757.81	757.89	1985977.38	1065541.60
14	757.44	757.80	1985972.38	1065541.44
15	757.39	757.39	1985967.40	1065541.21
16	757.52	757.52	1985967.66	1065535.78
17	757.72	757.90	1985972.57	1065535.70
18	757.85	757.99	1985977.56	1065535.86

N HICKS RD

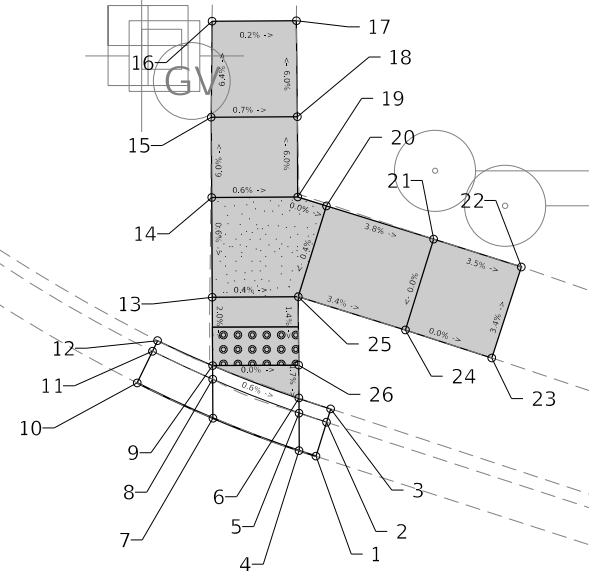
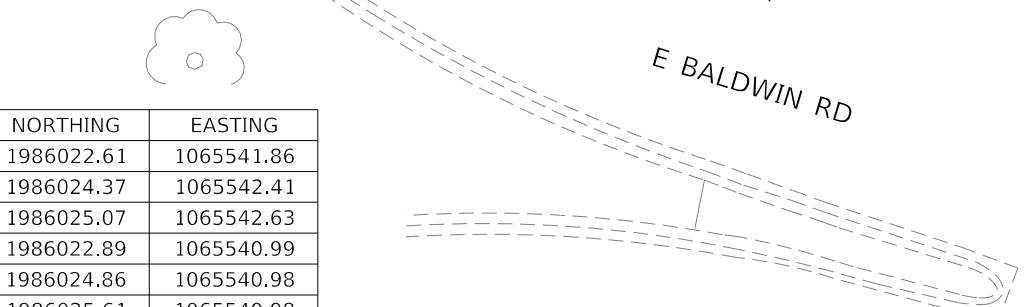


BENCHMARK: SQUARE NOTCH IN NW CORNER OF TRAFFIC SIGNAL CABINET FOUNDATION AT SE CORNER OF BALDWIN RD
ELEVATION = 758.47



	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
1	757.97	757.97	1986022.61	1065541.86
2	757.86	757.86	1986024.37	1065542.41
3	758.43	758.43	1986025.07	1065542.63
4	757.99	758.02	1986022.89	1065540.99
5	757.91	757.98	1986024.86	1065540.98
6	758.31	758.02	1986025.61	1065540.98
7	758.11	758.11	1986024.58	1065536.50
8	758.01	758.01	1986026.62	1065536.49
9	758.26	758.05	1986027.32	1065536.48
10	758.19	758.19	1986026.42	1065532.55
11	758.01	758.01	1986028.07	1065533.35
12	758.54	758.54	1986028.62	1065533.61
13	758.04	758.12	1986030.88	1065536.46
14	757.84	758.15	1986036.08	1065536.43
15	757.63	757.90	1986040.26	1065536.41
16	757.58	757.58	1986045.26	1065536.45
17	757.57	757.57	1986045.29	1065540.85
18	757.65	757.87	1986040.29	1065540.89
19	757.79	758.12	1986036.11	1065540.92
20	757.79	758.12	1986035.64	1065542.41
21	757.79	757.90	1986033.91	1065547.99
22	757.73	757.73	1986032.46	1065552.56
23	757.90	757.90	1986027.72	1065551.02
24	757.95	757.90	1986029.18	1065546.53
25	758.00	758.10	1986030.91	1065540.95
26	758.16	758.05	1986027.35	1065540.97

N HICKS RD



CONTROL POINT: CP#1
ELEVATION: 758.14
NORTHING: 1985949.43
EASTING: 1065485.94
DESCRIPTION: CUT CROSS IN SE CORNER OF BALDWIN RD

LEGEND

- PROPOSED SIDE CURB (TYPE B)
- EXISTING LENGTH
- EXISTING ELEVATION
- PROPOSED SIDEWALK
- CLASS D PATCH
- DETECTABLE WARNINGS
- SIDEWALK REMOVAL
- TURNING SPACE

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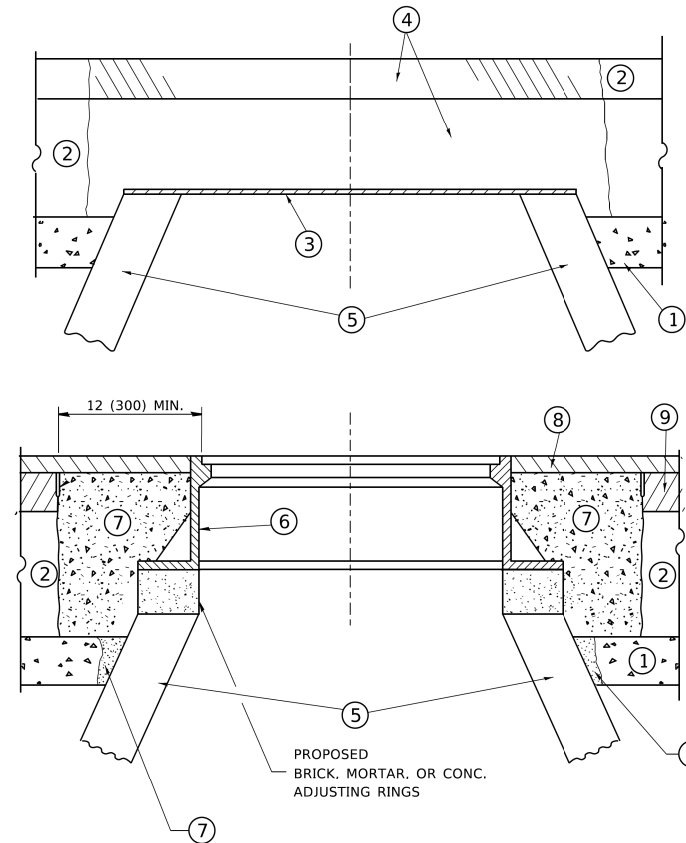
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DRAWN - AIM / AWM	REVISED -	
PLOT SCALE = 10.0000' / in.	CHECKED - LEG / JA	REVISED -
PLOT DATE = 11/25/2020	DATE - 11/25/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK DETAIL PLAN
IL. RTE 53 / HICKS RD. : LAKE-COOK RD. - U.S. 14 (NORTHWEST HWY)

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	2020-046-R5	COOK	58	46
CONTRACT NO. 62L18				
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 1½ (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

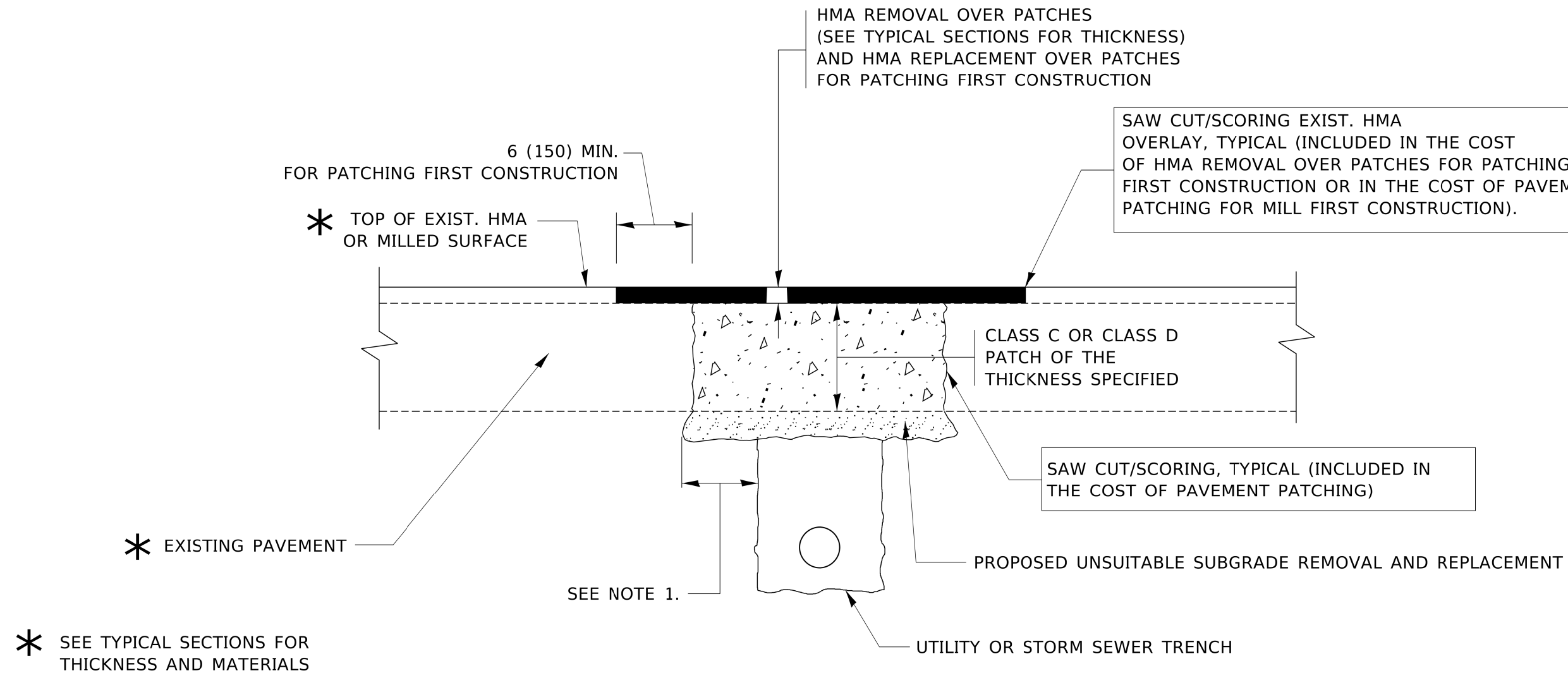
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS FOR
FRAMES AND LIDS ADJUSTMENT WITH MILLING

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	2020-046-R5	COOK	58	47
BD600-03 (BD-8)		CONTRACT NO. 62L18		
ILLINOIS		FED. AID PROJECT		

USER NAME = footemj	DESIGNED - R. SHAH	REVISED - R. WEDEMAN 05-14-04
	DRAWN -	REVISED - R. BORO 01-01-07
PLOT SCALE = 50.0000 ' / ft.	CHECKED -	REVISED - R. BORO 03-09-11
PLOT DATE = 3/27/2019	DATE - 10-25-94	REVISED - R. BORO 12-06-11



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 4½ INCHES OR MORE OF HMA MATERIAL ON TOP OF THE EXISTING PAVEMENT OR IF THE PAVEMENT IS FULL DEPTH HMA. A MINIMUM OF 2 INCHES OF HMA MATERIAL SHALL BE IN PLACE AFTER MILLING.
2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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

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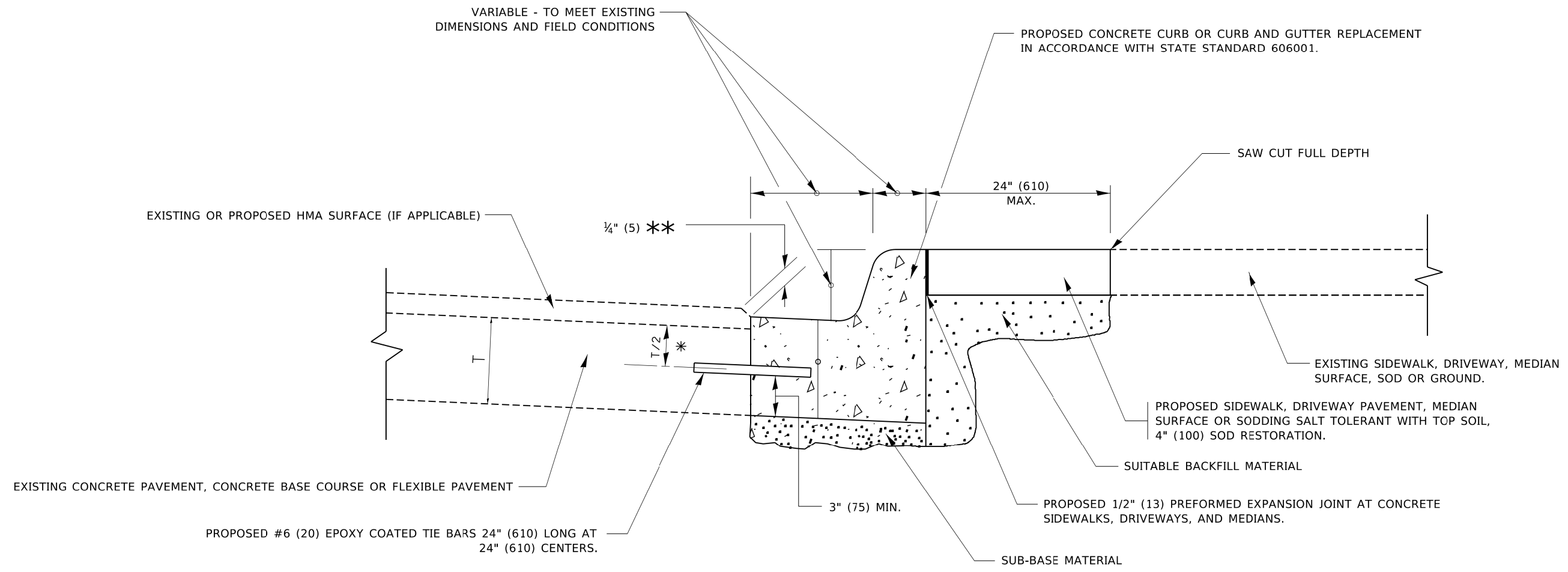
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PLOT SCALE = 50.0000' / 1"	CHECKED -	REVISED - R. BORO 09-04-07
PLOT DATE = 3/27/2019	DATE - 10-25-94	REVISED - K. ENG 10-27-08

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT PATCHING FOR
HMA SURFACED PAVEMENT

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	2020-046-R5	COOK	58	48
BD400-04 (BD-22)		CONTRACT NO. 62L18		
ILLINOIS FED. AID PROJECT				



- * 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
- ** IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

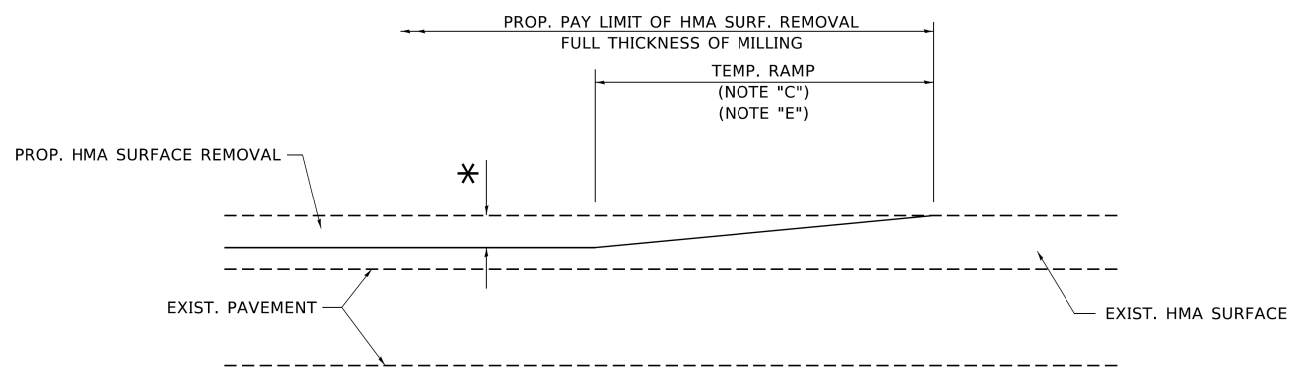
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USER NAME = footemj	DESIGNED - A. HOUSEH	REVISED - A. ABBAS 03-21-97
	DRAWN -	REVISED - M. GOMEZ 01-22-01
PLOT SCALE = 50.0000' / 1"	CHECKED -	REVISED - R. BORO 12-15-09
PLOT DATE = 7/11/2019	DATE - 03-11-94	REVISED - K. SMITH 07-11-19

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT			
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. TO STA.

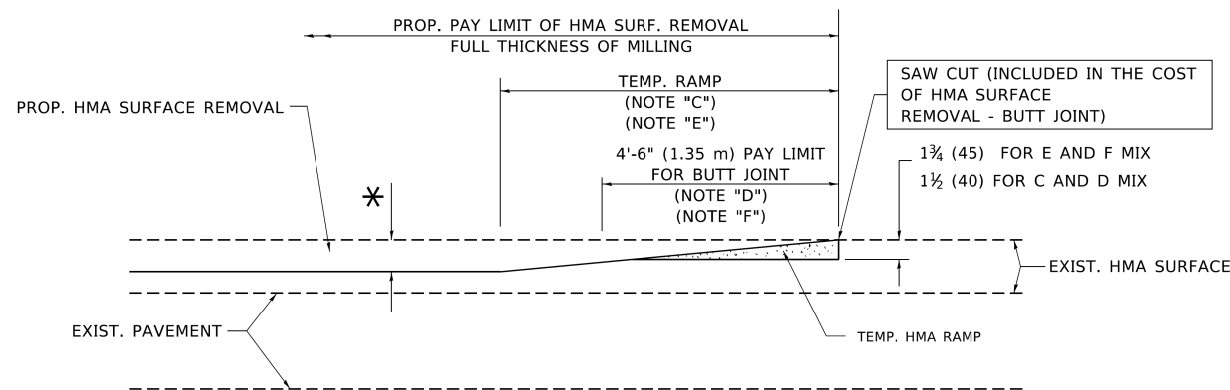
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2592	2020-046-R5	COOK	58	49
BD600-06 (BD-24)		CONTRACT NO. 62L18		
ILLINOIS FED. AID PROJECT				



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

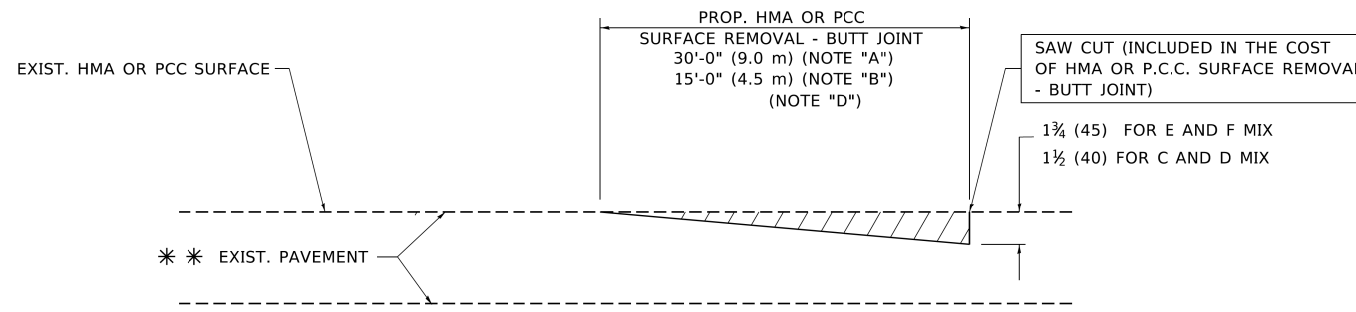


HMA CONSTRUCTED TEMPORARY RAMP

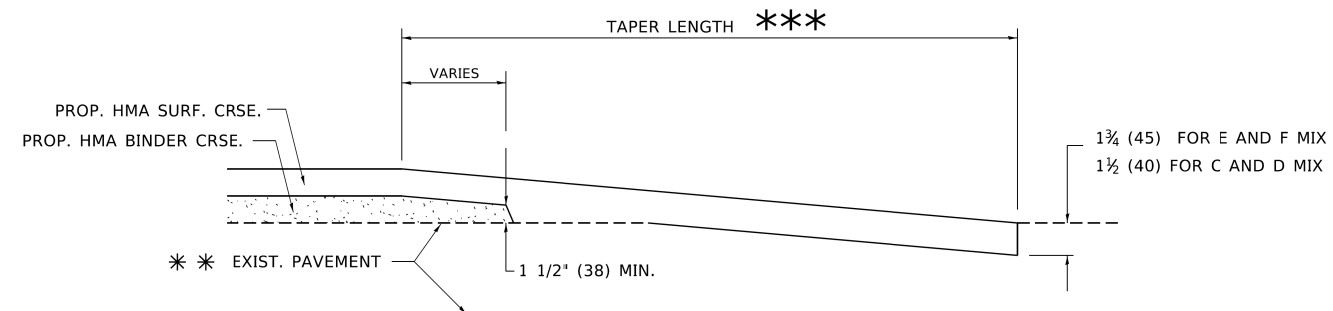
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2

TYPICAL TEMPORARY RAMP



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

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

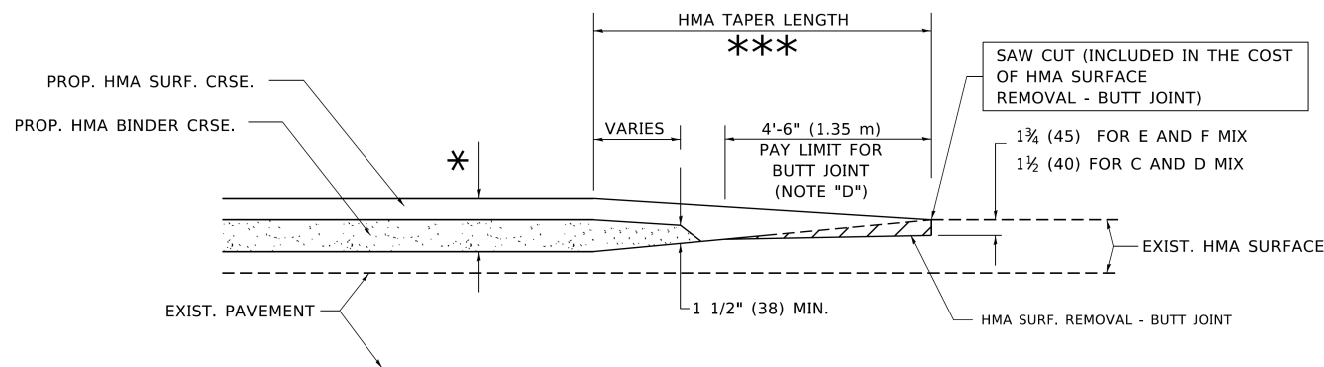
NOTES

- 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.
* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- G. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
*** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT

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.



BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

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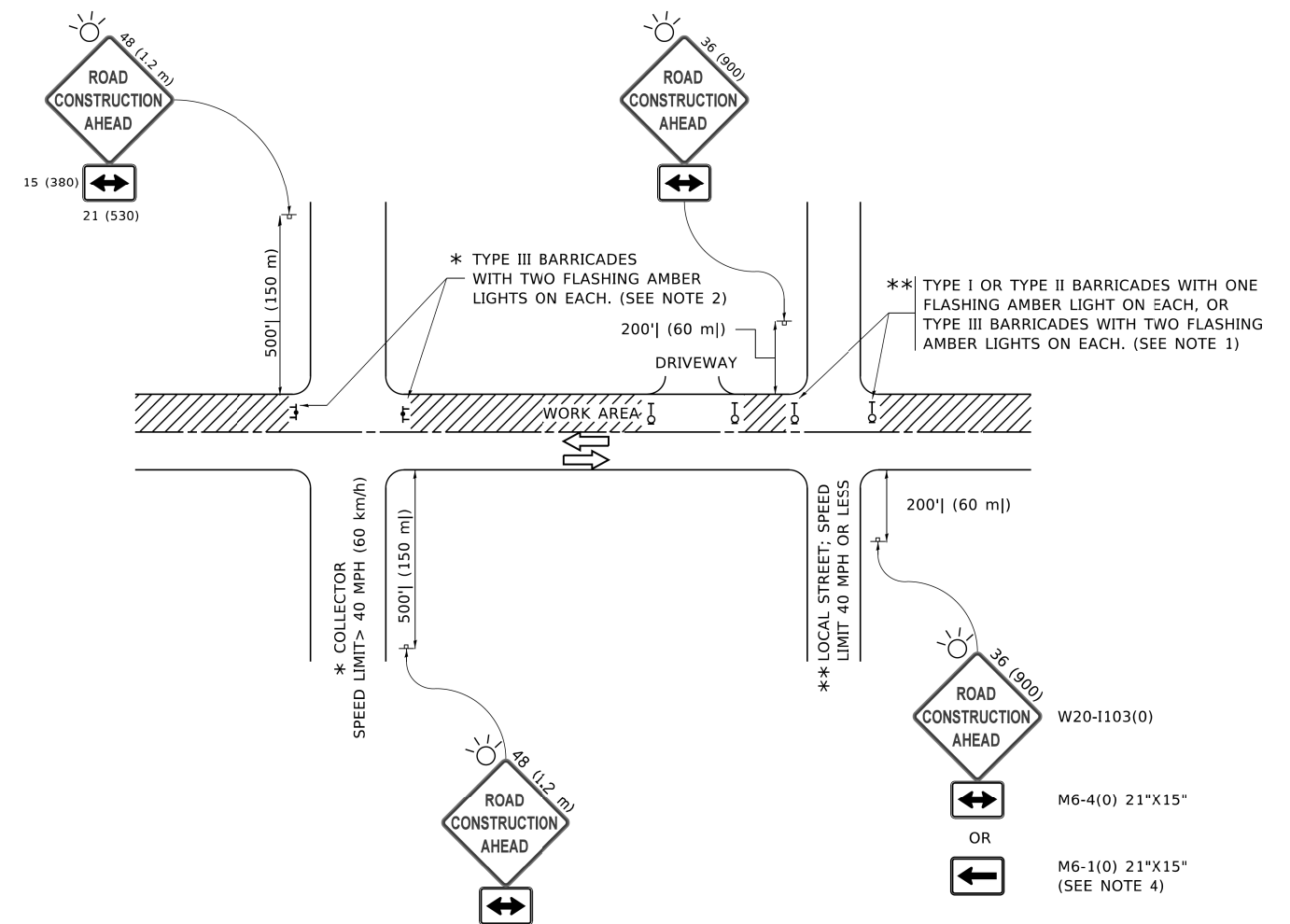
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	DRAWN -	REVISED - A. ABBAS 03-21-97
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PLOT DATE = 3/27/2019	DATE - 06-13-90	REVISED - R.BORO 01-01-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND
HMA TAPER DETAILS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	2020-046-R5	COOK	58	50
BD400-05 BD32		CONTRACT NO. 62L18		
ILLINOIS FED. AID PROJECT				



NOTES:

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

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

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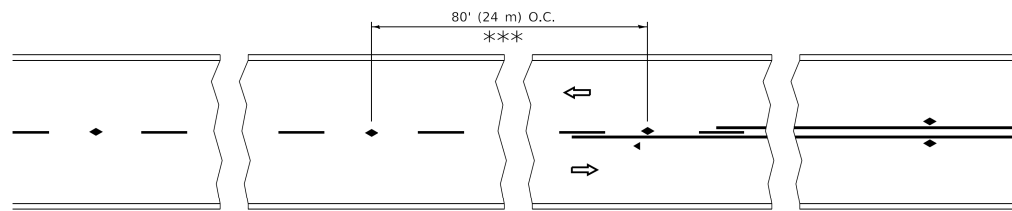
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	DRAWN -	REVISED - T. RAMMACHER 01-06-00
PLOT SCALE = 50.0000' / 1"	CHECKED -	REVISED - A. SCHUETZE 07-01-13
PLOT DATE = 3/4/2019	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

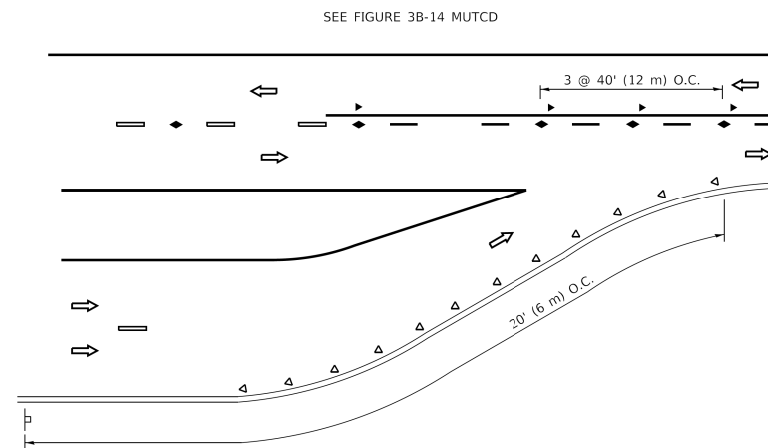
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TC-10		CONTRACT NO. 62L18		
		ILLINOIS FED. AID PROJECT		

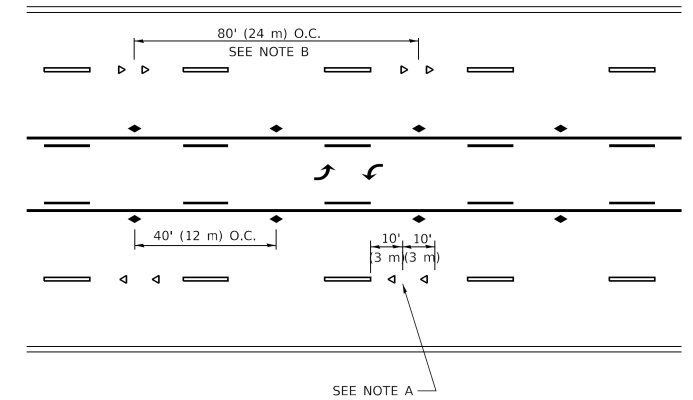


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

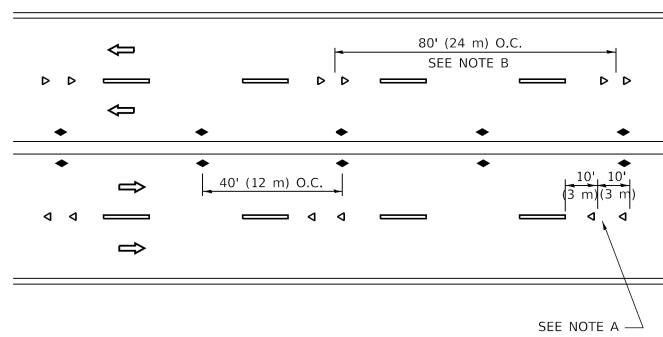
TWO-LANE/TWO-WAY



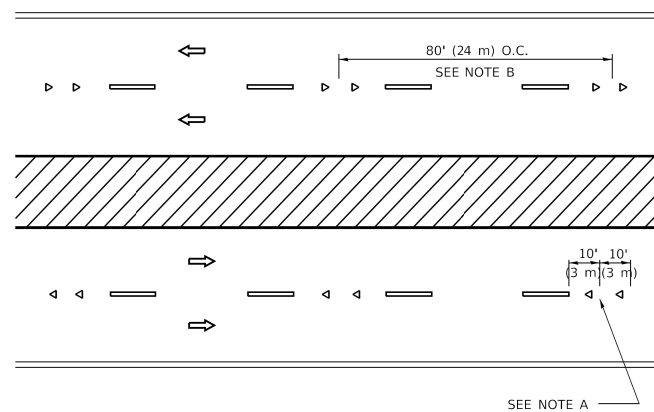
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

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

SYMBOLS

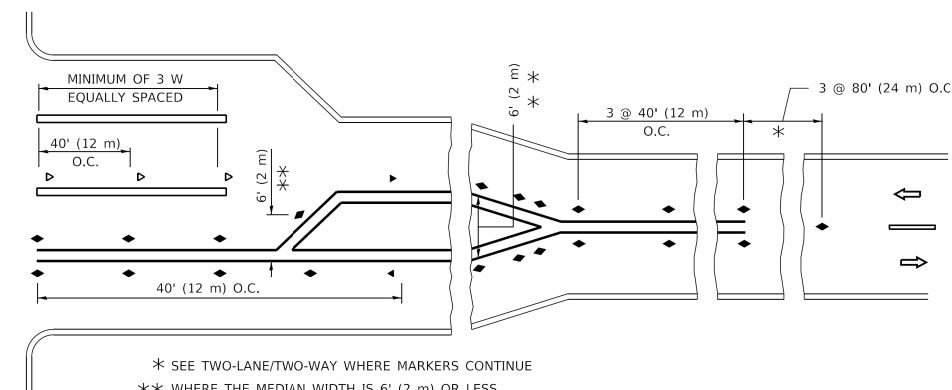
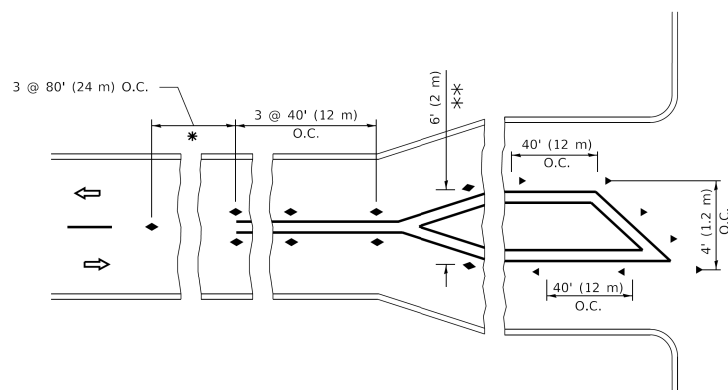
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◀ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

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

DESIGN NOTES

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



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

TURN LANES

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

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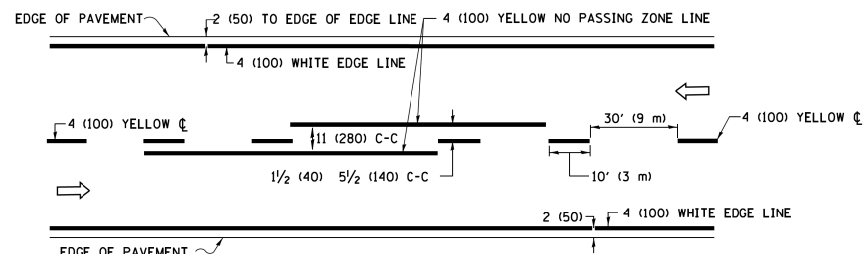
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	DRAWN -	REVISED - T. RAMMACHER 01-06-00
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PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 07-01-13

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

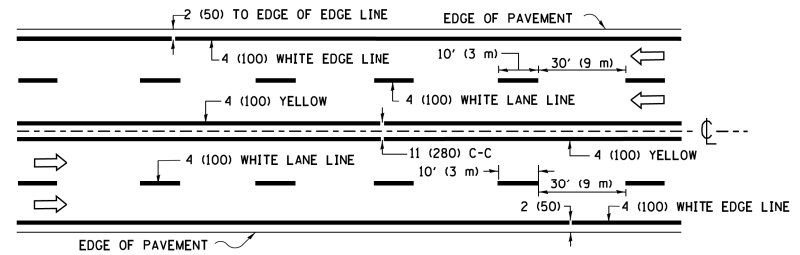
**TYPICAL APPLICATIONS
 RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)**

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

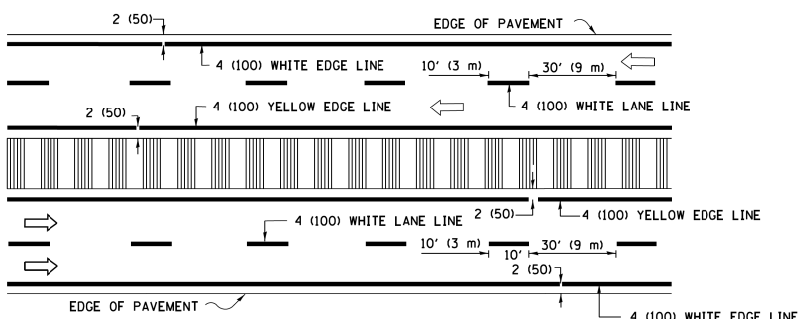
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	2020-046-R5	COOK	58	52
TC-11		CONTRACT NO. 62L18		
ILLINOIS		FED. AID PROJECT		



2-LANE ROADWAY

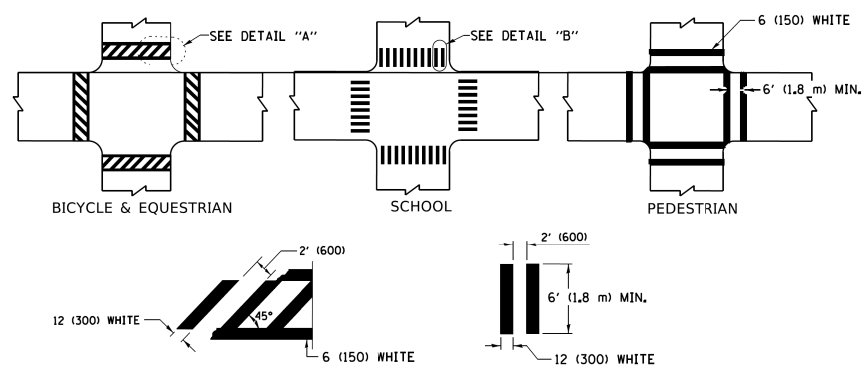


MULTI-LANE UNDIVIDED



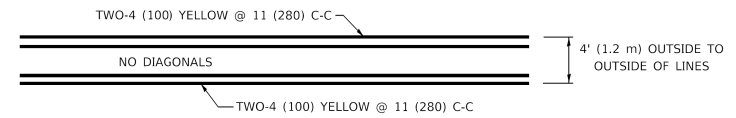
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

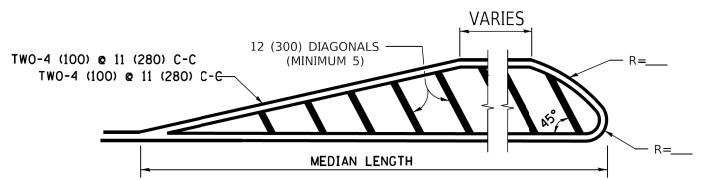


TYPICAL CROSSWALK MARKING

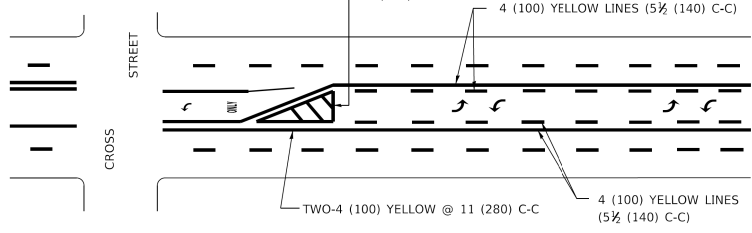
* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



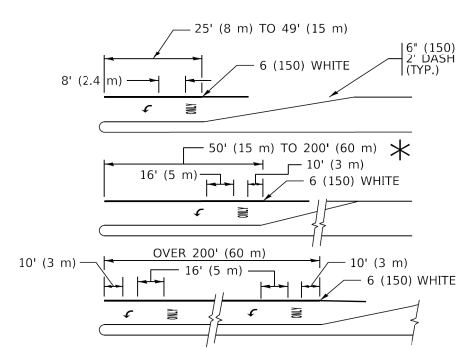
4' (1.2 m) WIDE MEDIANS ONLY



MEDIANS OVER 4' (1.2 m) WIDE



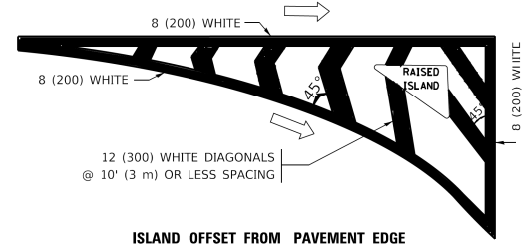
MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING



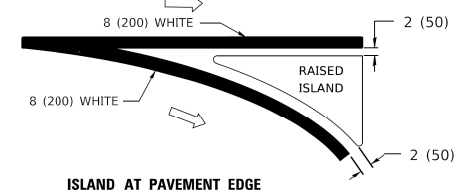
TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

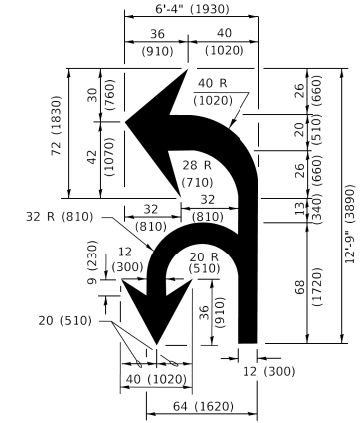
FULL SIZE LETTERS 8" (2.4 m) AND ARROWS SHALL BE USED.
 AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)
 * TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".



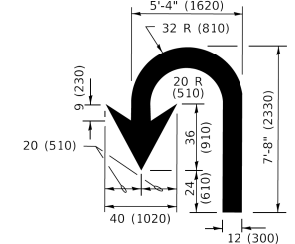
ISLAND OFFSET FROM PAVEMENT EDGE



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 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE.
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES: "RR" IS 6' (1.8 m) LETTERS: 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

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

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

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PLOT SCALE = 50.0000" / ft.	CHECKED -	REVISED - C. JUCIUS 07-01-13
PLOT DATE = 3/4/2019	DATE - 03-19-90	REVISED - C. JUCIUS 12-21-15
		REVISED - C. JUCIUS 04-12-16

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	2020-046-R5	COOK	58	53
TC-13		CONTRACT NO. 62L18		
ILLINOIS FED. AID PROJECT				

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

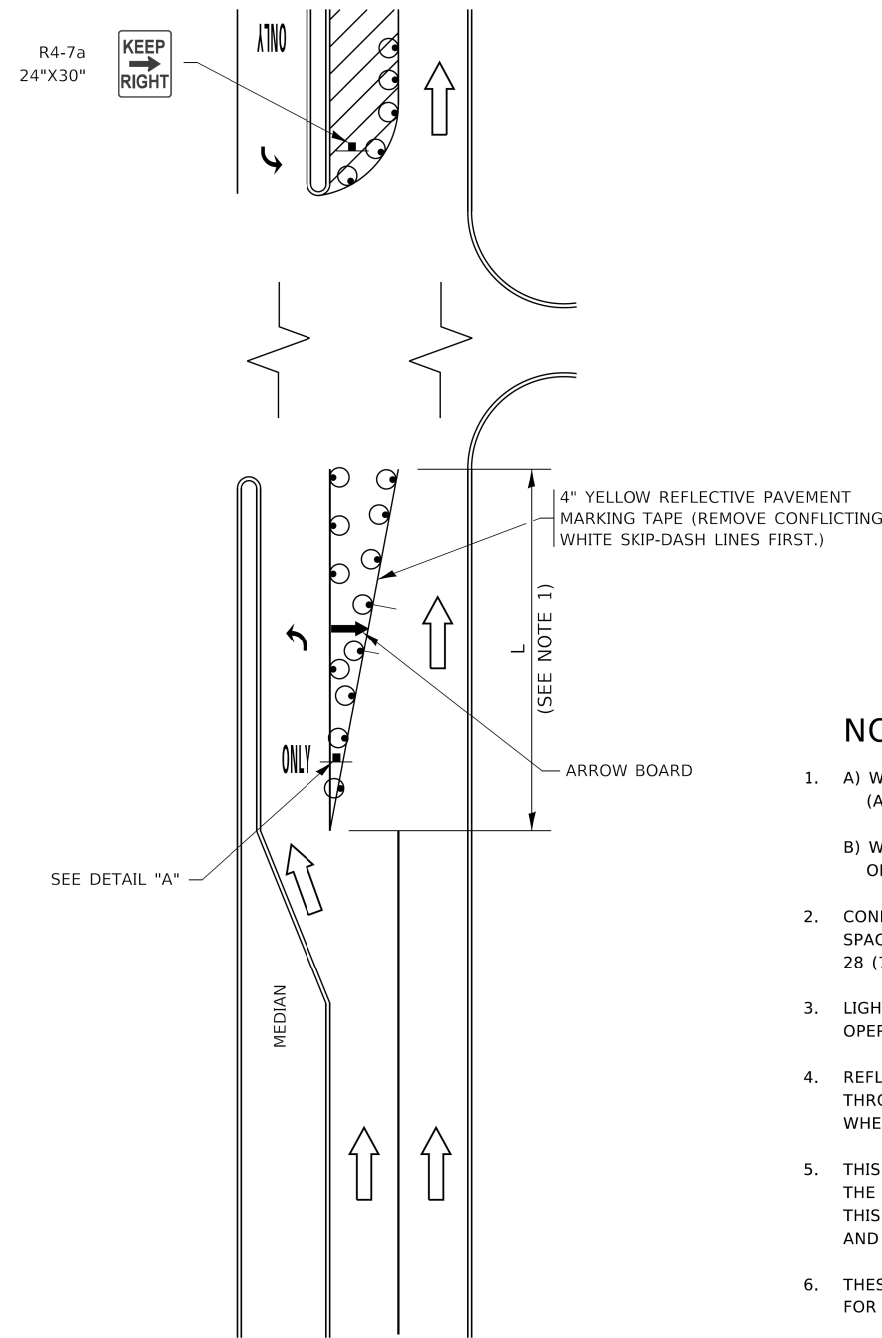


FIGURE 1

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

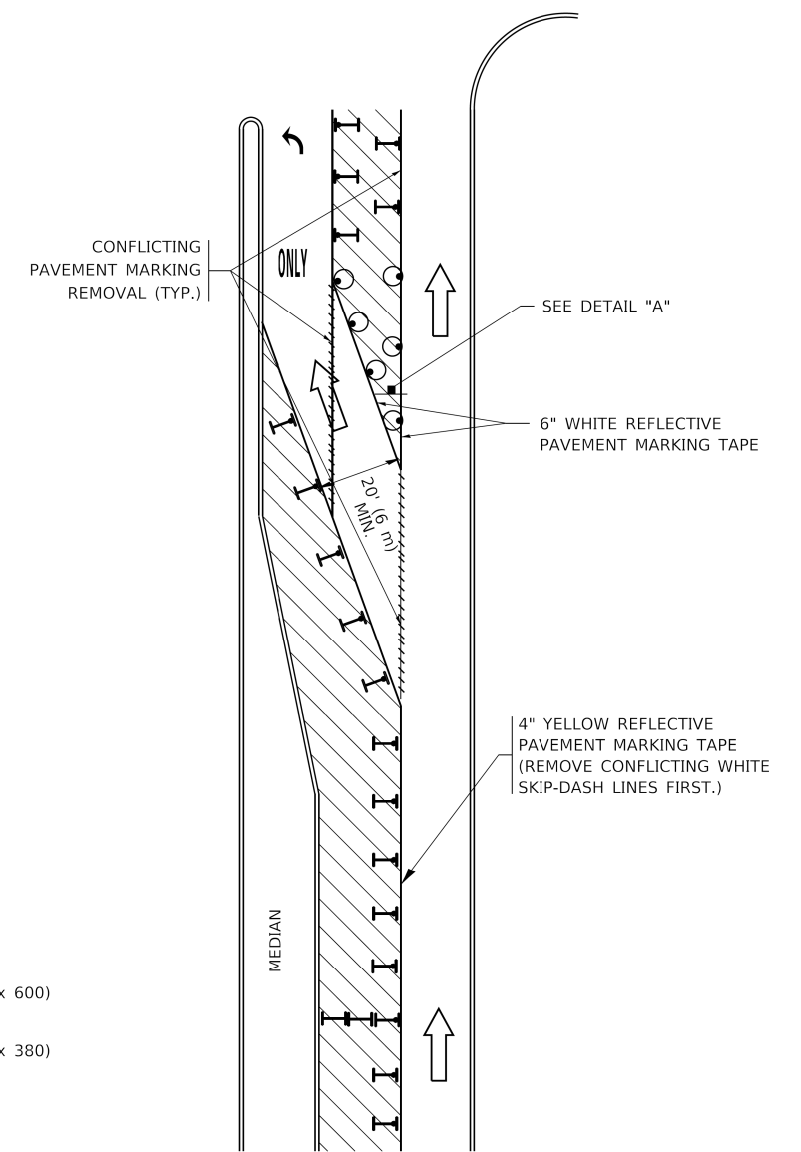


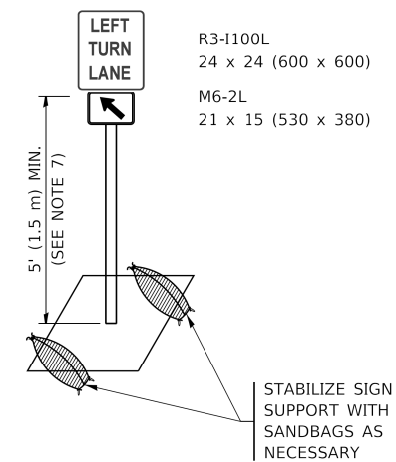
FIGURE 2

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 ≤ 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 REQUIREMENTS.
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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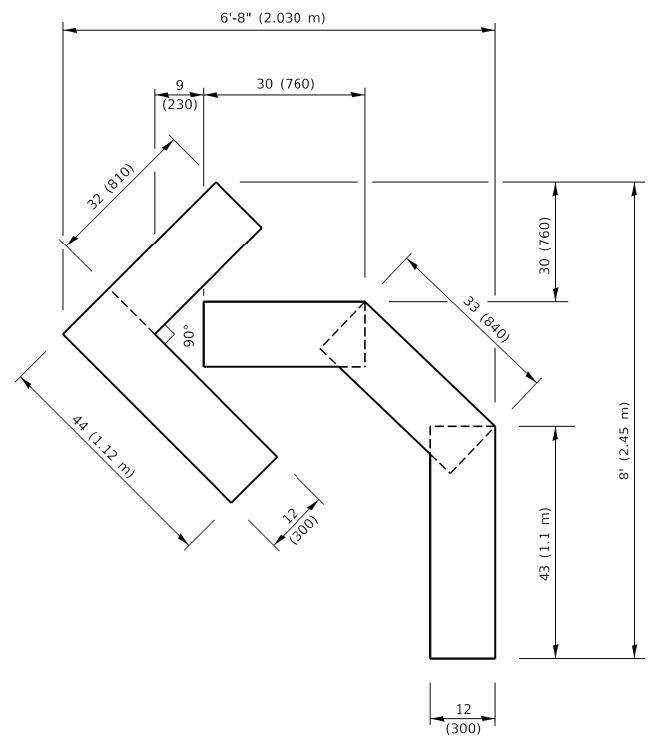
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	DRAWN - A. HOUSEH 11-07-95	REVISED - A. SCHUETZE 07-01-13
PLOT SCALE = 50.0000' / in.	CHECKED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16
PLOT DATE = 3/4/2019	DATE - T. RAMMACHER 01-06-00	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL AND PROTECTION AT TURN BAYS
(TO REMAIN OPEN TO TRAFFIC)**

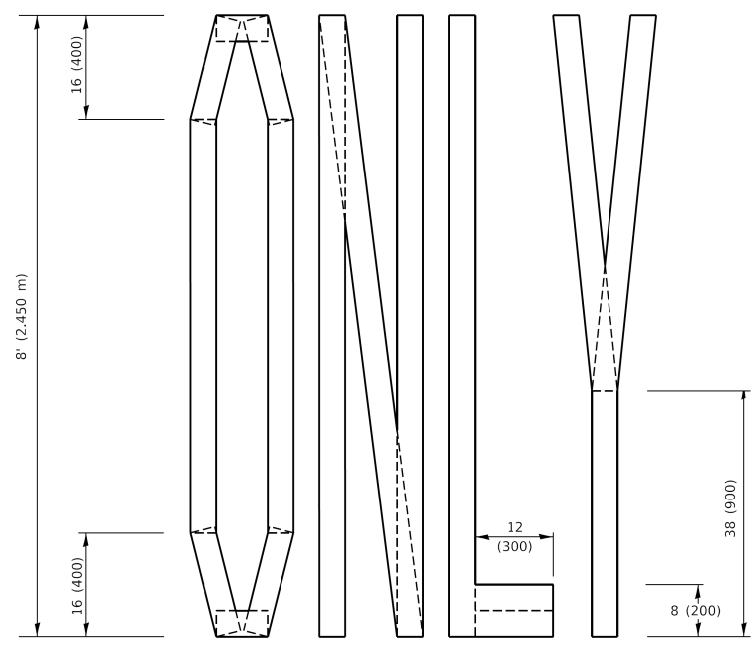
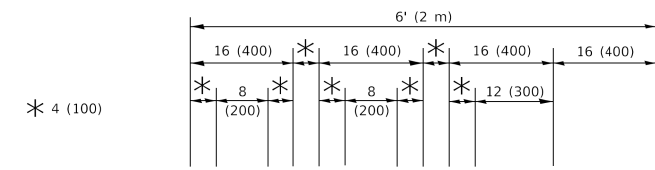
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	2020-046-R5	COOK	58	54
TC-14		CONTRACT NO. 62L18		
ILLINOIS FED. AID PROJECT				



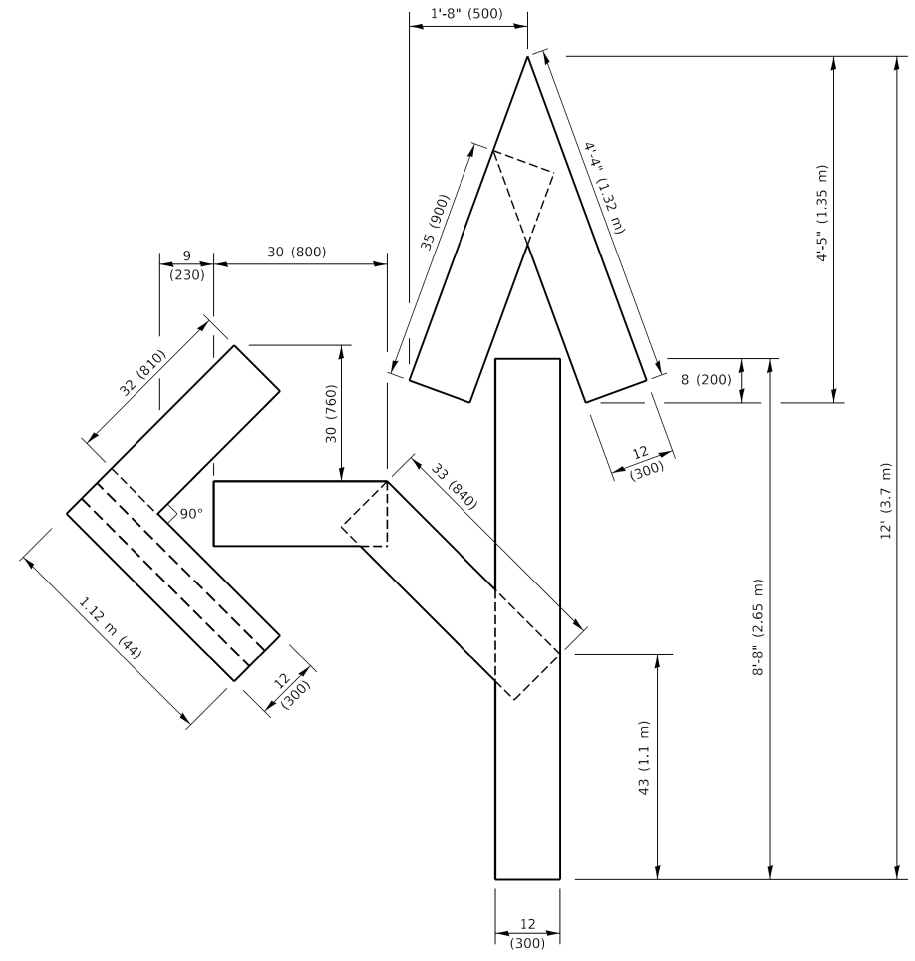
QUANTITY

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)

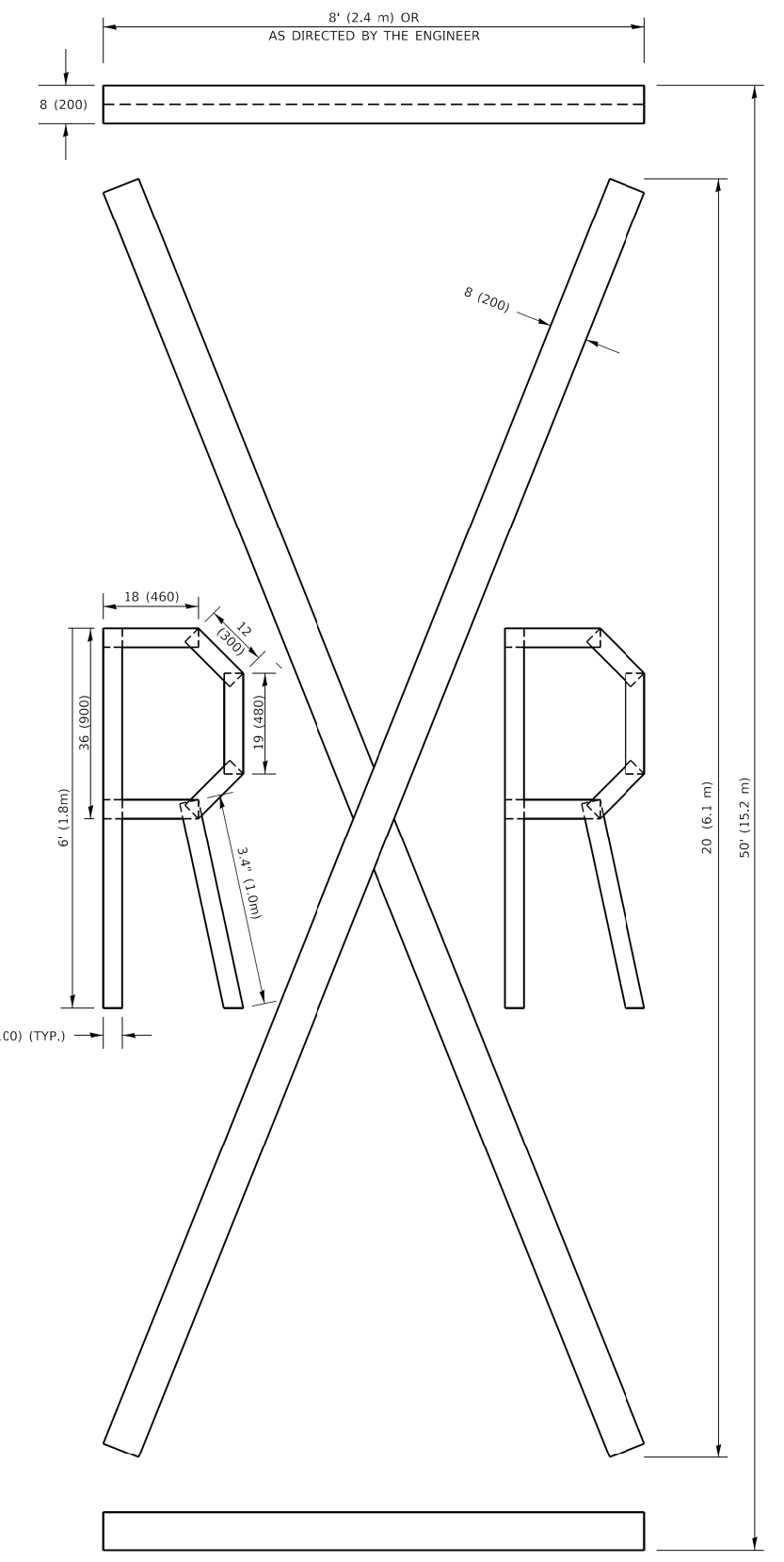


QUANTITY

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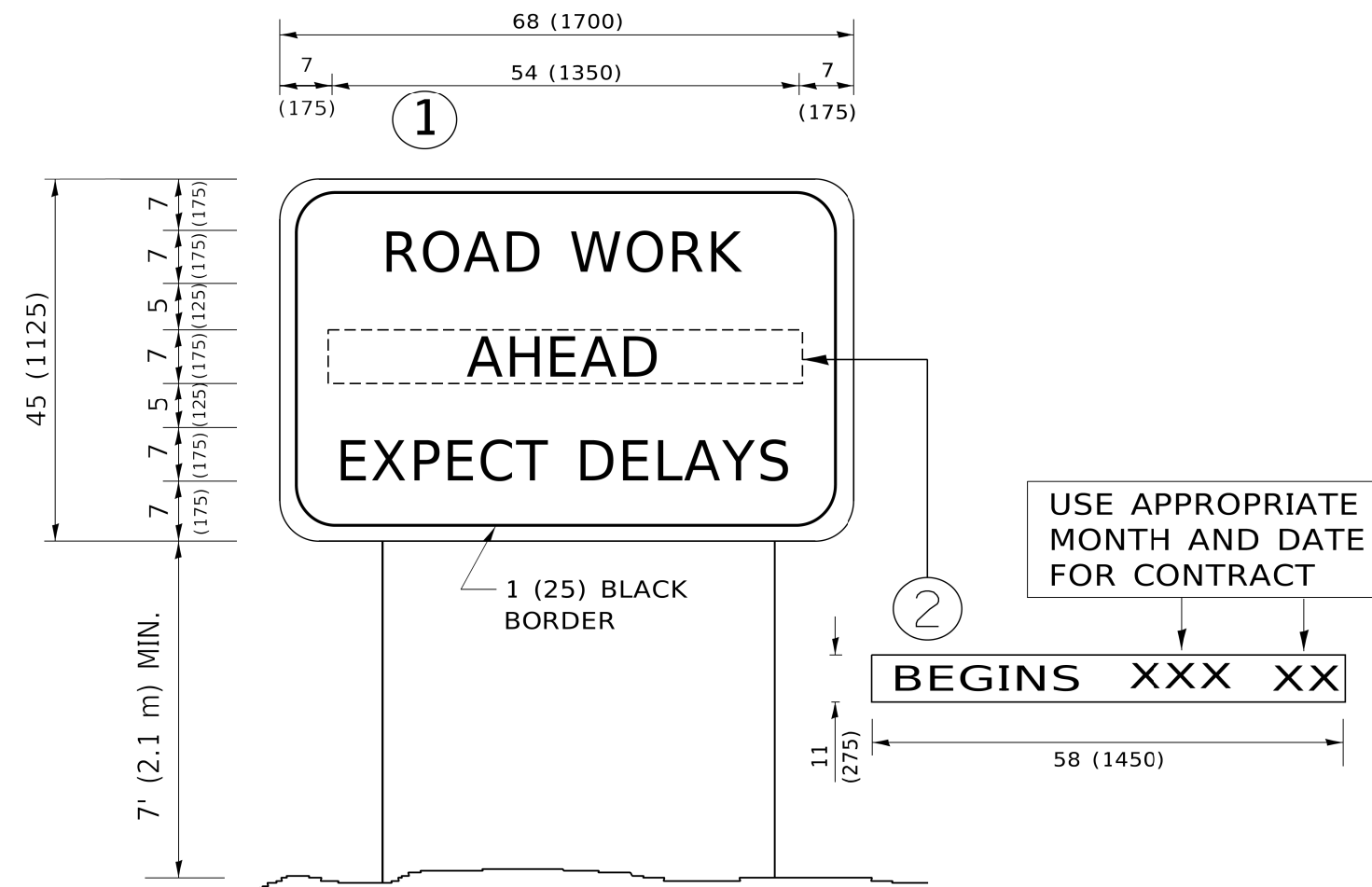
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PLOT DATE = 3/4/2019	CHECKED -	REVISED - E. GOMEZ 08-28-00
	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	2020-046-R5	COOK	58	55
TC-16		CONTRACT NO. 62L18		
ILLINOIS FED. AID PROJECT				



NOTES:

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

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

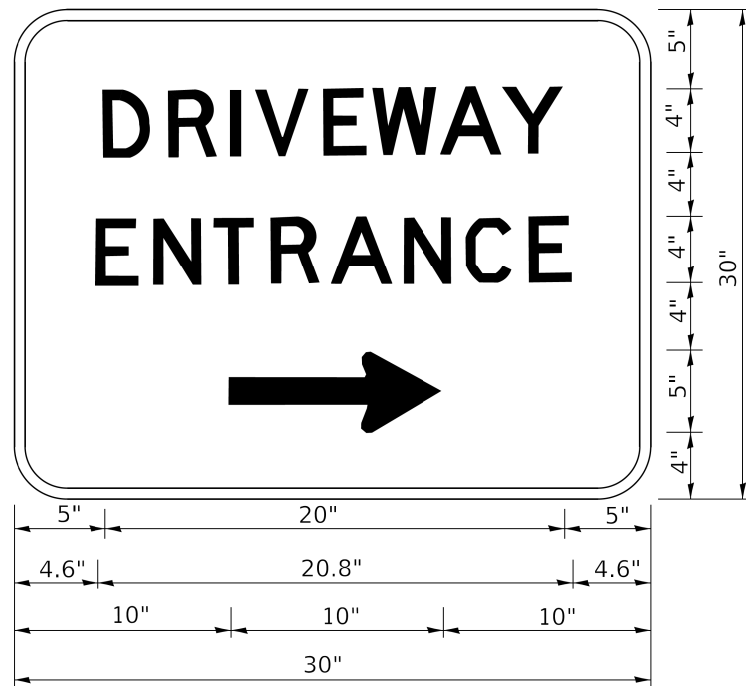
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	DRAWN -	REVISED - R. MIRS 12-11-97
PLOT SCALE = 50.0000' / 1"	CHECKED -	REVISED - T. RAMMACHER 02-02-99
PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ARTERIAL ROAD INFORMATION SIGN			
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	2020-046-R5	COOK	58	56
TC-22		CONTRACT NO. 62L18		
ILLINOIS FED. AID PROJECT				



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

NOTES:

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

MODEL: Default
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PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 3/4/2019	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

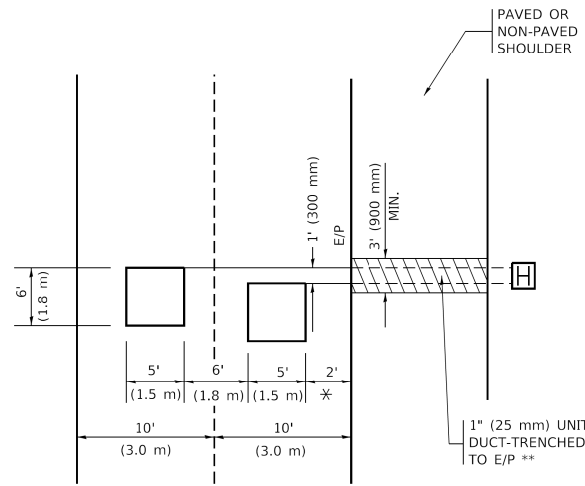
DRIVEWAY ENTRANCE SIGNING

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	2020-046-R5	COOK	58	57
TC-26		CONTRACT NO. 62L18		
ILLINOIS FED. AID PROJECT				

LOOPS NEXT TO SHOULDERS

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



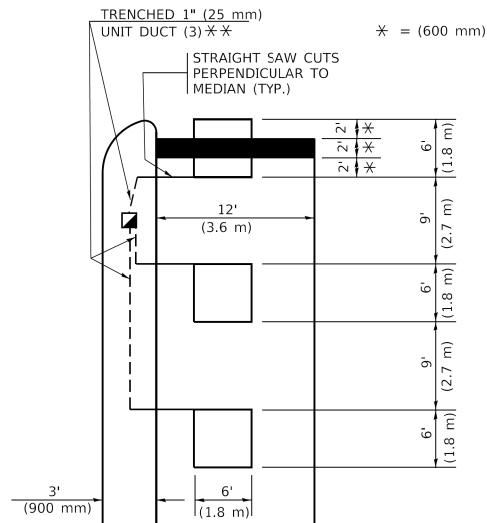
* = (500 mm)

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

LEFT TURN LANES WITH MEDIANS

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

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



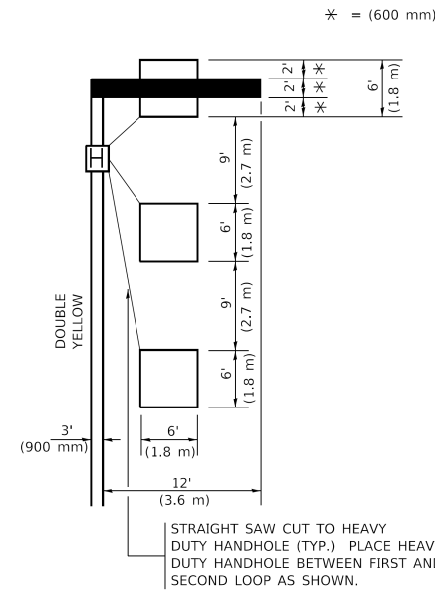
* = (600 mm)

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

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

LEFT TURN LANES WITHOUT MEDIANS

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



* = (600 mm)

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

NOTES:

VEHICLES LOOP DETECTORS

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

PLACEMENT OF DETECTORS

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

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

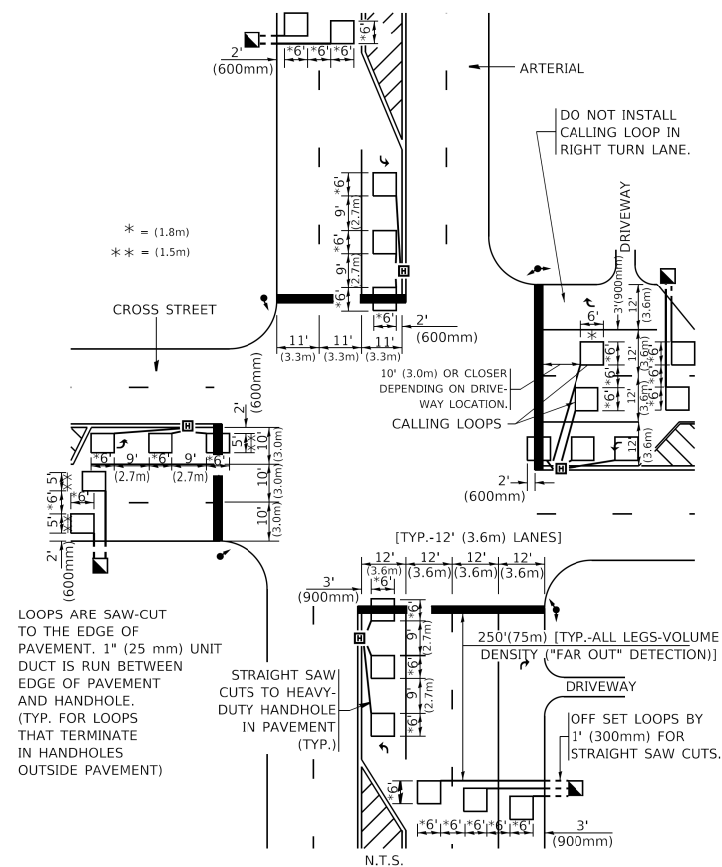
"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0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

NOTE:

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

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

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



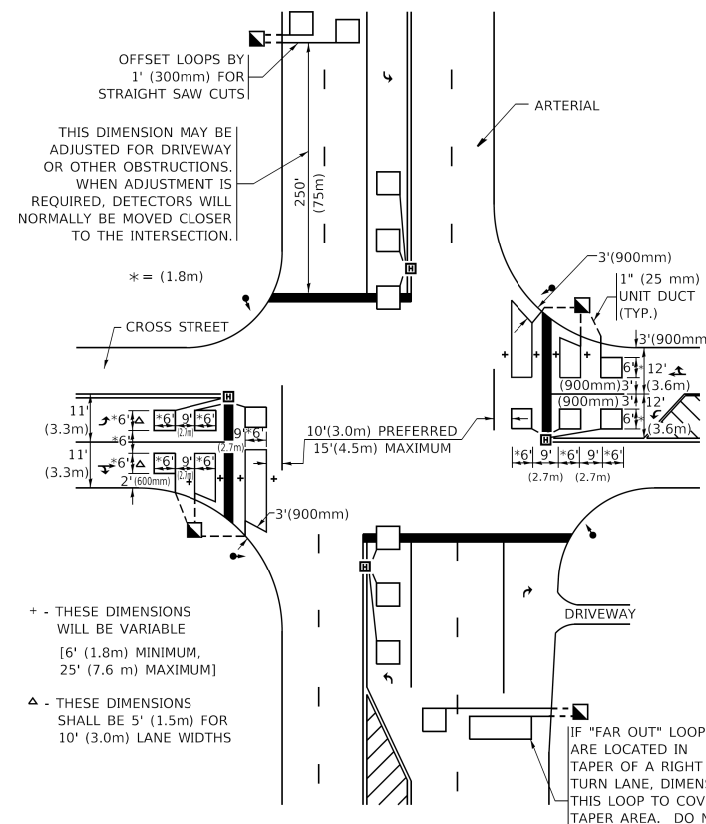
* = (1.8m)
** = (1.5m)

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

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

DETAIL 1
N.T.S.

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



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

* = (1.8m)

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

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

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

DETAIL 2
N.T.S.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 1 - DETECTOR LOOP INSTALLATION
DETAILS FOR ROADWAY RESURFACING

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

USER NAME = footemj	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 50.0000' / 1"	CHECKED - R.K.F.	REVISED -
PLOT DATE = 3/4/2019	DATE -	REVISED -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2592	2020-046-R5	COOK	58	58
TS-07		CONTRACT NO. 62L18		
ILLINOIS FED. AID PROJECT				