

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-020-SW	COOK	67	1
		ILLINOIS	CONTRACT NO. 62K90	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROPOSED HIGHWAY PLANS

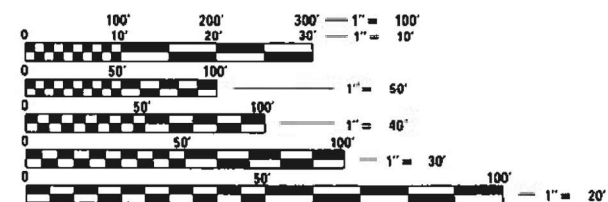
VARIOUS ROUTES
SECTION: 2020-020-SW
VARIOUS LOCATIONS
ADA IMPROVEMENTS
RICH TOWNSHIP
COOK COUNTY

C-91-208-20



THIS PROJECT IS LOCATED IN:
CITY OF COUNTRY CLUB HILLS
VILLAGE OF MATTESON
UNINCORPORATED RICHTON PARK
VILLAGE OF OLYMPIA FIELDS
VILLAGE OF HOMEWOOD
VILLAGE OF TINLEY PARK
VILLAGE OF FLOSSMOOR

FOR GENERAL LOCATION MAP, SEE SHEET NO. 7



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

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

LIMITS	ADT (YEAR)	SPEED LIMIT
OAK PARK AVE: PROSPER DR. TO I-80	3,050 (2018)	50 MPH
LINCOLN HWY: EAGLE POINTE DR. TO REGENT DR.	20,500 (2017)	45 MPH
GOVERNORS HWY: POPLAR AVE. TO LINCOLN HWY.	15,600 (2018)	45 MPH
CRAWFORD AVE/PULASKI RD: LINCOLN HWY. TO 183RD ST.	13,400 (2018)	50 MPH
GOVERNORS HWY: CHAYES PARK DR.	10,400 (2018)	45 MPH
WESTERN AVE: BROOKWOOD DR. TO HUTCHISON RD.	14,400 (2018)	35 MPH

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

CONTRACT NO. 62K90



BY: *[Signature]* DATE: 4/30/2020
HANSON PROFESSIONAL SERVICES INC.
LICENSE EXPIRES NOV. 30, 2021

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED MAY 5 2020
[Signature]
REGIONAL ENGINEER

June 26, 2020
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

June 26, 2020
[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION 13

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

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IDOT STANDARDS

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 424006-04 DIAGONAL CURB RAMPS FOR SIDEWALKS
 424011-04 CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
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 424031-02 MEDIAN PEDESTRIAN CROSSINGS
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 606001-07 CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
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 701101-05 OFF-ROAD OPERATIONS, MULTILANE, 15* (4.5 M) TO 24* (600 MM) FROM PAVEMENT EDGE
 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
 701426-09 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS > 45 MPH
 701427-05 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS <= 40 MPH
 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
 701601-09 URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
 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
 886001-01 DETECTOR LOOP INSTALLATIONS

GENERAL NOTES

- BEFORE STARTING ANY EXCAVATIONS, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800)892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS UTILITIES (48 HOUR NOTIFICATION IS REQUIRED).
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE FOLLOWING MUNICIPALITIES:
 - CITY OF COUNTRY CLUB HILLS
 - VILLAGE OF MATTESON
 - VILLAGE OF OLYMPIA FIELDS
 - VILLAGE OF HOMEWOOD
 - VILLAGE OF TINLEY PARK
 - VILLAGE OF FLOSSMOOR
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT THE WRITTEN PERMISSION OF THE DEPARTMENT.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- ALL PAVEMENT PATCHING, CURB AND GUTTER REMOVAL AND REPLACEMENT, AND DRAINAGE STRUCTURE ADJUSTMENT LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- ANY DETECTOR LOOPS DAMAGED BY PATCHING SHALL BE REPLACED IN KIND. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO QUANTIFY LOOP REPLACEMENTS NEEDED AND PROVIDE THIS INFORMATION TO THE RESIDENT ENGINEER PRIOR TO GRINDING AND REMOVAL.
- THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
- THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- THE RESIDENT ENGINEER SHALL CONTACT PATRICE HARRIS, AREA TRAFFIC FIELD ENGINEER, AT PATRICE.HARRIS@ILLINOIS.GOV A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- UNLESS OTHER CONDITIONS WARRANT EXTENDED LANE CLOSURE AS DETERMINED AND APPROVED IN WRITING BY THE ENGINEER OR AS PROVIDED FOR IN THE CONTRACT SPECIFICATIONS, OVERNIGHT CLOSURES SHALL NOT BE ALLOWED FOR REHABILITATION PROJECTS INVOLVING DAYTIME MILLING AN RESURFACING OPERATION AND CLASS D PATCHING.
- EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
- TWO (2) FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER TO EXISTING CURB AND GUTTER UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.
- SAW CUTTING OF PAVEMENTS, SIDEWALK, CURB & GUTTER, ETC. SHALL BE TO FULL DEPTH AND SHALL RESULT IN A CLEAN STRAIGHT EDGE ON THE PORTION REMAINING, ALL SAW CUTTING SHALL BE CONSIDERED INCLUDED IN THE COST OF THE ITEM BEING REMOVED.
- THE CONTRACTOR SHALL USE CARE IN REMOVING OR EXCAVATING NEAR ALL EXISTING ITEMS WHICH WILL REMAIN. ANY DAMAGE TO EXISING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- WHEN EXISTING SIDEWALK IS TO BE REMOVED WITHOUT PROPOSED SIDEWALK REPLACEMENT, IT SHALL BE REPLACED WITH TOPSOIL AND SOD.
- ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES WHICH OBSTRUCTS THE NATURAL FLOW OF WATER SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.
- PROPOSED SIDEWALK RAMPS SHALL CONFORM TO THE CURRENT ADA REQUIREMENTS AND APPLICABLE STATE HIGHWAY STANDARDS OR AS DETERMINED BY THE ENGINEER.
- THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION.
- A NOMINAL QUANTITY FOR "FRAMES AND LIDS TO BE ADJUSTED" HAS BEEN PROVIDED TO ESTABLISH A CONTRACT UNIT PRICE. LOCATIONS OF ANY SUCH ADJUSTMENTS WILL BE DETERMINED BY THE ENGINEER.
- ALL SIGNS TO BE RELOCATED SHALL BE DETERMINED BY THE RESIDENT ENGINEER.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS			
MIXTURE USES	MIXTURE TYPE	AIR VOIDS @ Ndes	QUALITY MANAGEMENT PROGRAM (QMP)
CLASS D PATCHES	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm); 2"	4% @ 70 Gyr.	QC/QA
	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N70; 7"	4% @ 70 Gyr.	QC/QA
ENTRANCE	HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm); VARIES (2" MIN.)	4% @ 70 Gyr.	QC/QA

QMP DESIGNATION: QUALITY CONTROL / QUALITY ASSURANCE (QC/QA)

NOTE 1: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

NOTE 2: THE "A/C" TYPE FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA, THE "A/C" TYPE SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISION.

FOR USE OF RECYCLED MATERIALS, SEE DISTRICT ONE SPECIAL PROVISIONS.

QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIAL PROVISION THAT APPLIES TO THE MIXTURE.

DESIGNED ES 5/7/2020
 DRAWN ES 5/7/2020
 REVIEWED DRM 5/8/2020

FILE NAME =	USER NAME = Ander00833	DESIGNED - ES	REVISED -
D162K90-sht-GenNotes.dgn		DRAWN - ES	REVISED -
PLOT SCALE = 2.0000' / in.		CHECKED - DRM	REVISED -
PLOT DATE = 5/12/2020		DATE - 5/12/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: N/A	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.	COOK	67	2
				CONTRACT NO. 62K90		
ILLINOIS FED. AID PROJECT						

GEN-1

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				100% STATE			
				ROADWAY			
				0021			
				URBAN			
20200100	EARTH EXCAVATION	CU YD	142	142			
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	391	391			
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	5	5			
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	5	5			
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	5	5			
25200110	SODDING, SALT TOLERANT	SQ YD	391	391			
40300200	BITUMINOUS MATERIALS (PRIME COAT)	TON	0.5	0.5			
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	25	25			
42001300	PROTECTIVE COAT	SQ YD	1,887	1,887			
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	14,139	14,139			
42400800	DETECTABLE WARNINGS	SQ FT	1,295	1,295			
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	111	111			
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	1	1			
44000600	SIDEWALK REMOVAL	SQ FT	12,581	12,581			

DESIGNED ES 5/7/2020
DRAWN ES 5/7/2020
REVIEWED DRM 5/8/2020

FILE NAME = D162K90-shr-900-1.dgn	USER NAME = Ander00833	DESIGNED - ES	REVISED -
		DRAWN - ES	REVISED -
		CHECKED - DRM	REVISED -
		DATE - 5/12/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: N/A SHEET NO. 1 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-020-SW	COOK	67	3
CONTRACT NO. 62K90			S00-1	
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				100% STATE			
				ROADWAY			
				0021			
				URBAN			
44003100	MEDIAN REMOVAL	SQ FT	36	36			
44201337	CLASS C PATCHES, TYPE I, 9 INCH	SQ YD	9	9			
44201341	CLASS C PATCHES, TYPE II, 9 INCH	SQ YD	22	22			
44201749	CLASS D PATCHES, TYPE I, 9 INCH	SQ YD	36	36			
44201753	CLASS D PATCHES, TYPE II, 9 INCH	SQ YD	35	35			
60255500	MANHOLES TO BE ADJUSTED	EACH	2	2			
60260100	INLETS TO BE ADJUSTED	EACH	1	1			
60266600	VALVE BOXES TO BE ADJUSTED	EACH	6	6			
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	5	5			
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	142	142			
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	7	7			
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1			
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1			
* 66901006	REGULATED SUBSTANCES MONITORING	DAYS	25	25			

DESIGNED ES 5/7/2020
DRAWN ES 5/7/2020
REVIEWED DRM 5/8/2020

FILE NAME = 0162K90-shr-900-2.dgn

USER NAME = Ander00833
PLOT SCALE = 2.0000' / in.
PLOT DATE = 5/13/2020

DESIGNED - ES
DRAWN - ES
CHECKED - DRM
DATE - 5/12/2020

REVISED -
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REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: N/A SHEET NO. 2 OF 4 SHEETS STA. TO STA.

* SPECIALTY ITEM

REV-SEP

S00-2

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-020-SW	COOK	67	4
CONTRACT NO. 62K90			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				100% STATE			
				ROADWAY			
				0021			
				URBAN			
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6			
67100100	MOBILIZATION	L SUM	1	1			
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1			
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1			
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1			
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1			
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1			
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1			
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	2,695	2,695			
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	957	957			
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	868	868			
* 78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	987	987			
* 78008270	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	FOOT	316	316			
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1	1			

* SPECIALTY ITEM

DESIGNED ES 5/7/2020
DRAWN ES 5/7/2020
REVIEWED DRM 5/8/2020

FILE NAME = 0162K90-shr-900-3.dgn	USER NAME = Ander00833	DESIGNED - ES	REVISED -
		DRAWN - ES	REVISED -
		CHECKED - DRM	REVISED -
		DATE - 5/12/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: N/A SHEET NO. 3 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-020-SW	COOK	67	5
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62K90	

S00-3

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE			
				100% STATE			
				ROADWAY			
				0021			
				URBAN			
* 88600100	DETECTOR LOOP, TYPE I	FOOT	40	40			
* 89502376	REBUILD EXISTING HANDHOLE	EACH	8	8			
X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1	1			
X0327036	BIKE PATH REMOVAL	SQ YD	71	71			
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	3,932	3,932			
X2600012	REMOVE AND RELOCATE SIGN PANEL AND POLE ASSEMBLY	EACH	2	2			
X6061005	CURB TYPE B, SPECIAL	FOOT	22	22			
Z0004562	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	1,419	1,419			
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	257	257			
Ø Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOUR	500	500			

* SPECIALTY ITEM

DESIGNED ES 5/7/2020
DRAWN ES 5/7/2020
REVIEWED DRM 5/8/2020

FILE NAME = D:\62K90-shr-S00-4.dgn

USER NAME = Ander-00833

DESIGNED - ES

DRAWN - ES

CHECKED - DRM

DATE - 5/12/2020

REVISED -

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REVISED -

REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N/A

SHEET NO. 4 OF 4 SHEETS

STA.

TO STA.

F.A.U. RTE.

VAR

SECTION

2020-020-SW

COUNTY

COOK

TOTAL SHEETS

67

SHEET NO.

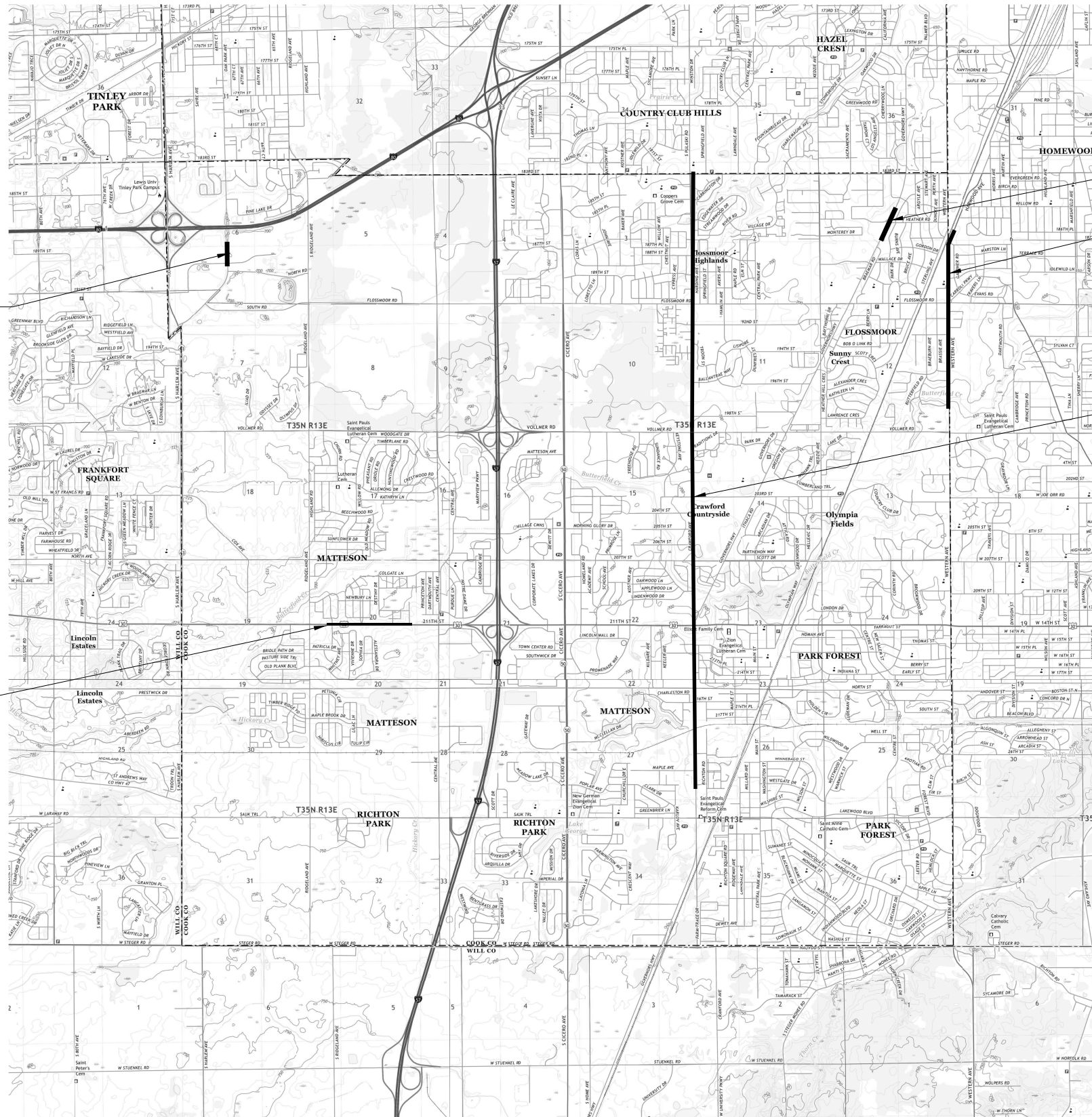
6

CONTRACT NO. 62K90

ILLINOIS FED. AID PROJECT

Ø 0042

REV-SEP
S00-4



OAK PARK AVE.
- ENTRANCE/EXIT TO CARMAX

US RTE. 30 LINCOLN HIGHWAY
- EAGLE POINTE DRIVE/
RIDGELAND MANOR DRIVE
- WILLOW ROAD
- HOGER DRIVE
- REGENT DRIVE

GOVERNORS HIGHWAY
- CHAYES PARK DR

WESTERN AVE
- BROOKWOOD DR
- BRAEBUM AVE
- CADDY ST
- HAWTHORN LANE
- FLOSSMOOR RD
- CARROLL PARKWAY
- YARDON PL
- YARDON LN
- HUTCHISON RD

GOVERNORS HIGHWAY
- POPLAR AVE
- 216TH ST
- 214TH ST
- ST. LAWRENCE AVE
- 212TH PL
- US RTE 30, LINCOLN HWY

CRAWFORD AVE
- EXIT FROM STRIP MALL
- ENTRANCE/EXIT STRIP MALL
- LINDENWOOD RD
- NORTH ENTRANCE/EXIT ST. JAMES HOSPITAL

PULASKI ROAD
- 194TH ST
- 193RD ST
- 192ND PL
- 192ND ST
- FLOSSMOOR RD

CRAWFORD AVE
- 190TH ST
- 189TH ST
- 189TH ST
- 188TH ST
- 187TH ST
- EDGEWATER DR
- PROVINCETOWN RD
- WILLIAMSBURG RD
- NORTH ENTRANCE/EXIT TO CHAPEL
- ENTRANCE/EXIT WALGREENS



0 0.5 mi 1.0 mi
SCALE IN MILES

SOURCE: USGS

DESIGNED ES 5/7/2020
DRAWN ES 5/7/2020
REVIEWED DRM 5/8/2020

FILE NAME =
D162K98-sht-GenLocMap.dgn

USER NAME = Ander00833
PLOT SCALE = 2.0000' / in.
PLOT DATE = 5/12/2020

DESIGNED - ES
DRAWN - ES
CHECKED - DRM
DATE - 5/12/2020

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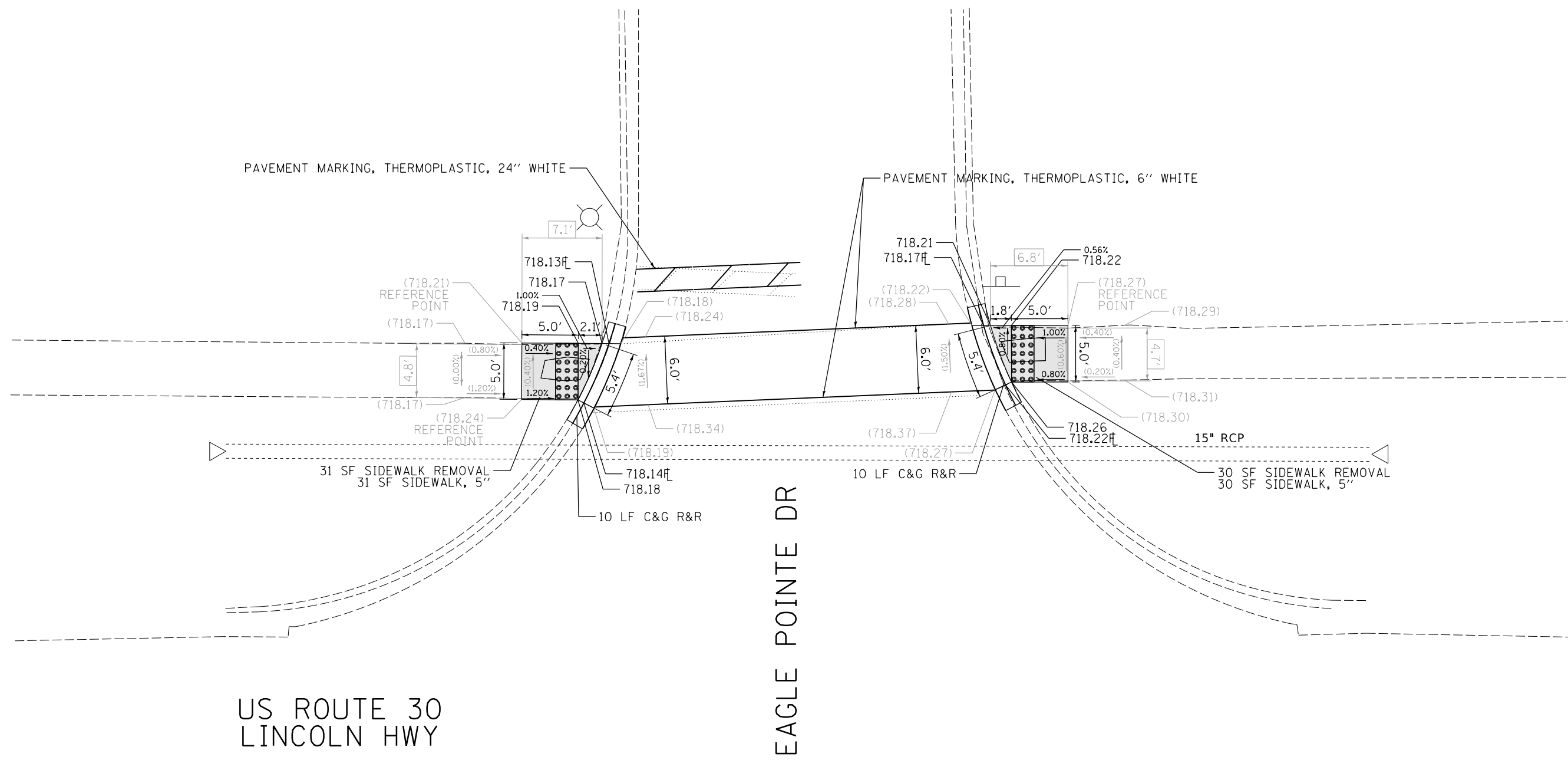
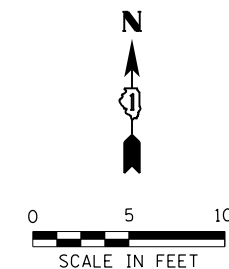
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL LOCATION MAP

SCALE: 1" = 0.5 MI. SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-020-SW	COOK	67	7
CONTRACT NO. 62K90			MAP-1	
ILLINOIS FED. AID PROJECT				

INTERSECTION	DETAIL SHEETS	20200100	21101615	25000400	25000500	25000600	25200110	40300200	40604062	42001300	42400200	42400800	44000157	44000200	44000600	44003100	44201337	44201341	44201749	44201753	60255500	60260100	60266600	78000400	78000600	78000650	78008230	78008270	85000200	88600100	89502376	X0327036	X0327980	X2600012	X6061005	Z0004562
		EARTH EXCAVATION	TOPSOIL FURNISH AND PLACE, 4"	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	SODDING, SALT TOLERANT	BIFUMINOUS MATERIALS (PRIME COAT)	HOT-MIX ASPHALT SURFACE COURSE, 11-9.5, MIX "D", 1770	PROTECTIVE COAT	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	DETECTABLE WARNINGS	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	DRIVEWAY PAVEMENT REMOVAL	SIDEWALK REMOVAL	MEDIAN REMOVAL	CLASS C PATCHES, TYPE I, 9 INCH	CLASS C PATCHES, TYPE II, 9 INCH	CLASS D PATCHES, TYPE I, 9 INCH	CLASS D PATCHES, TYPE II, 9 INCH	MANHOLES TO BE ADJUSTED	INLETS TO BE ADJUSTED	VALVE BOXES TO BE ADJUSTED	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	POLYUREA PAVEMENT MARKING TYPE I - LINE 24"	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	DETECTOR LOOP, TYPE I	REBUILD EXISTING HANDHOLE	BIKE PATH REMOVAL	PAVEMENT MARKING REMOVAL - WATER BLASTING	REMOVE AND RELOCATE SIGN PANEL AND POLE ASSEMBLY	CURE TYPE B, SPECIAL	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT
		CU YD	SQ YD	POUND	POUND	POUND	SQ YD	TON	TON	SQ YD	SQ FT	SQ FT	SQ YD	SQ YD	SQ FT	SQ FT	SQ YD	SQ YD	SQ YD	SQ YD	EACH	EACH	EACH	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	FOOT	EACH	SQ YD	SQ FT	EACH	FOOT	FOOT
US Route 30 Lincoln Hwy and Ridgeland Manor Dr/Eagle Pointe Dr	1 - 2	2.8	6.4	0.1	0.1	0.1	6.4	0.0	0.0	40.3	282.3	40.0	0.0	0.0	230.0	0.0	0.0	0.0	0.0	0.0	0	0	0	169.8	0.0	41.7	0.0	0.0	0	0	0	0.0	116.6	0	0.0	40
US Route 30 Lincoln Hwy and Willow Rd	3	2.9	7.9	0.1	0.1	0.1	7.9	0.0	0.0	42.6	291.0	40.0	0.0	0.0	291.0	0.0	0.0	0.0	0.0	0.0	0	0	0	99.6	0.0	21.6	0.0	0.0	0	0	0	0.0	93.0	0	0.0	46
US Route 30 Lincoln Hwy and Hoger Dr	4	0.3	1.2	0.0	0.0	0.0	1.2	0.0	0.0	4.8	25.0	10.0	0.0	0.0	25.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.0	0.0	0	0.0	9
US Route 30 Lincoln Hwy and Regent Dr	5	4.8	9.6	0.1	0.1	0.1	9.6	0.0	0.0	62.4	483.6	40.0	0.0	0.0	451.0	0.0	4.7	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0	53.6	13.0	0	0	0	0.0	0.0	0	0.0	39
Governors Hwy and Poplar Ave	6	1.9	2.0	0.0	0.0	0.0	2.0	0.0	0.0	21.6	194.0	22.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	205.1	224.7	85.9	0.0	0.0	0	0	0	21.6	499.1	0	0.0	0
Governors Hwy and 216th St	7 - 8	10.6	21.2	0.3	0.3	0.3	21.2	0.0	0.0	154.2	1,057.8	89.4	0.0	0.0	964.0	0.0	0.0	0.0	8.1	0.0	1	0	0	286.9	270.0	138.6	0.0	0.0	0	0	0	0.0	690.7	0	22.4	165
Governors Hwy and 214th St	9	2.4	35.6	0.4	0.4	0.4	35.6	0.0	0.0	29.0	241.2	24.0	0.0	0.0	503.0	0.0	0.0	0.0	0.0	0.0	0	0	0	50.2	0.0	10.2	0.0	0.0	0	0	0	0.0	20.4	0	0.0	10
Governors Hwy and St. Lawrence Ave	10	4.6	9.2	0.1	0.1	0.1	9.2	0.0	0.0	56.7	460.7	20.0	0.0	0.0	412.0	0.0	0.0	0.0	0.0	6.1	0	0	1	82.5	0.0	19.3	0.0	0.0	0	0	0	0.0	79.9	0	0.0	25
Governors Hwy and 212th Pl	11 - 13	7.0	17.9	0.2	0.2	0.2	17.9	0.0	0.0	94.6	697.0	66.0	0.0	0.0	586.0	0.0	0.0	22.0	0.0	0.0	0	0	1	0.0	0.0	0.0	510.1	126.9	1	40	0	0.0	508.9	0	0.0	77
US Route 30 Lincoln Hwy and Governors Hwy	14 - 15	5.9	11.6	0.1	0.1	0.1	11.6	0.0	0.0	78.1	590.8	62.0	0.0	0.0	508.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0	423.2	175.7	0	0	0	0.0	563.0	0	0.0	56
Governors Hwy and Exit from Strip Mall	16	1.9	3.6	0.0	0.0	0.0	3.6	0.0	0.0	21.5	193.5	20.0	0.0	0.0	159.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0	0.0	0.0	0	0	1	0.0	0.0	0	0.0	0
Crawford Ave and Entrance/ Exit to Strip Mall	17	1.8	4.2	0.1	0.1	0.1	4.2	0.0	0.0	24.5	180.2	20.0	0.0	0.0	166.0	36.0	4.0	0.0	0.0	0.0	0	0	0	118.0	0.0	23.0	0.0	0.0	0	0	0	0.0	46.0	0	0.0	20
Crawford Ave and Lindenwood Dr	18	3.1	8.4	0.1	0.1	0.1	8.4	0.0	0.0	38.9	314.0	20.0	0.0	0.0	307.0	0.0	0.0	0.0	4.9	0.0	1	0	0	68.0	0.0	16.0	0.0	0.0	0	0	0	0.0	32.0	0	0.0	18
Crawford Ave and North Entrance/ Exit to St. James Hospital	19	2.8	9.5	0.1	0.1	0.1	9.5	0.5	25.0	43.7	279.0	36.0	111.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.0	0.0	0.0	0.0	0.0	0	0	0	31.0	0.0	0	0.0	57
Pulaski Rd and 194th St	20	4.4	10.8	0.1	0.1	0.1	10.8	0.0	0.0	57.3	440.0	30.0	0.0	0.0	411.0	0.0	0.0	0.0	0.0	0.0	0	0	0	51.0	0.0	13.0	0.0	0.0	0	0	0	0.0	0.0	0	0.0	38
Pulaski Rd and 193rd St	21	1.2	3.0	0.0	0.0	0.0	3.0	0.0	0.0	17.3	120.0	20.0	0.0	1.0	112.0	0.0	0.0	0.0	0.0	0.0	0	0	0	42.3	0.0	10.0	0.0	0.0	0	0	0	0.0	0.0	0	0.0	18
Pulaski Rd and 192th Pl	22	2.4	6.2	0.1	0.1	0.1	6.2	0.0	0.0	31.0	243.0	20.0	0.0	0.0	241.0	0.0	0.0	0.0	0.0	0.0	0	0	0	50.5	0.0	11.7	0.0	0.0	0	0	0	0.0	0.0	0	0.0	18
Pulaski Rd and 192th St	23	4.6	11.0	0.1	0.1	0.1	11.0	0.0	0.0	59.9	457.0	40.0	0.0	0.0	430.0	0.0	0.0	0.0	0.0	0.0	0	0	0	51.0	0.0	12.0	0.0	0.0	0	0	0	0.0	0.0	0	0.0	41
Pulaski Rd and Flossmoor Rd	24 - 25	6.3	12.3	0.2	0.2	0.2	12.3	0.0	0.0	69.7	627.0	42.0	0.0	0.0	553.0	0.0	0.0	0.0	0.0	0.0	0	0	1	0.0	192.0	61.0	0.0	0.0	0	0	1	0.0	314.0	0	0.0	0
Pulaski Rd and 190th St	26 - 27	7.0	16.4	0.2	0.2	0.2	16.4	0.0	0.0	85.4	697.0	60.0	0.0	0.0	615.0	0.0	0.0	0.0	0.0	0.0	0	0	0	50.0	0.0	22.0	0.0	0.0	0	0	0	0.0	44.0	0	0.0	36
Crawford Ave and 189th St	28	3.2	11.3	0.1	0.1	0.1	11.3	0.0	0.0	42.7	322.0	38.0	0.0	0.0	287.0	0.0	0.0	0.0	0.0	0.0	0	0	0	61.0	0.0	15.0	0.0	0.0	0	0	0	0.0	30.0	0	0.0	31
Crawford Ave and 189th St	29	1.4	2.9	0.0	0.0	0.0	2.9	0.0	0.0	15.6	140.0	10.0	0.0	0.0	141.0	0.0	0.0	0.0	0.0	0.0	0	0	0	0.0	0.0	11.0	0.0	0.0	0	0	0	0.0	22.0	0	0.0	0
Crawford Ave and 188th St	30 - 31	5.5	13.4	0.2	0.2	0.2	13.4	0.0	0.0	69.4	545.0	50.0	0.0	0.0	451.0	0.0	0.0	0.0	0.0	0.0	0	0	0	58.0	0.0	22.0	0.0	0.0	0	0	0	0.0	0.0	0	0.0	40
Crawford Ave and 187th St	32 - 33	5.2	14.0	0.2	0.2	0.2	14.0	0.0	0.0	65.9	515.0	50.0	0.0	0.0	457.0	0.0	0.0	0.0	4.0	0.0	0	0	0	73.9	0.0	17.0	0.0	0.0	0	0	0	0.0	0.0	0	0.0	39
Crawford Ave and Edgewater Dr	34	3.2	7.4	0.1	0.1	0.1	7.4	0.0	0.0	39.8	318.0	24.0	0.0	0.0	113.0	0.0	0.0	0.0	0.0	0.0	0	0	0	80.0	0.0	22.0	0.0	0.0	0	0	0	18.8	44.0	0	0.0	20
Crawford Ave and Provincetown Dr	35	2.1	5.4	0.1	0.1	0.1	5.4	0.0	0.0	26.8	205.0	20.0	0.0	0.0	168.0	0.0	0.0	0.0	9.4	0.0	0	0	2	62.1	0.0	13.5	0.0	0.0	0	0	0	0.0	0.0	0	0.0	18
Crawford Ave and Williamsburg Rd	36 - 37	4.4	11.1	0.1	0.1	0.1	11.1	0.0	0.0	56.9	440.0	40.0	0.0	0.0	386.0	0.0	0.0	0.0	0.0	0.0	0	0	0	142.0	0.0	34.0	0.0	0.0	0	0	0	0.0	0.0	0	0.0	36
Crawford Ave and North Entrance/Exit to Chapel	38	1.7	5.1	0.1	0.1	0.1	5.1	0.0	0.0	22.8	165.0	20.0	0.0	0.0	133.0	0.0	0.0	0.0	0.0	0.0	0	0	0	42.0	0.0	0.0	0.0	0.0	0	0	0	0.0	0.0	0	0.0	20
Crawford Ave and Entrance/Exit Walgreens	39	1.4	4.7	0.1	0.1	0.1	4.7	0.0	0.0	24.0	136.0	20.0	0.0	0.0	107.0	0.0	0.0	0.0	0.0	0.0	0	0	0	47.0	0.0	12.0	0.0	0.0	0	0	0	0.0	24.0	0	0.0	40
Governors Hwy and Chayes Park Dr	40	0.7	2.0	0.0	0.0	0.0	2.0	0.0	0.0	11.1	72.0	16.0	0.0	0.0	74.0	0.0	0.0	0.0	0.0	10.3	0	0	0	0.0	0.0	19.0	0.0	0.0	0	0	0	0.0	38.0	0	0.0	14
Oak Park Ave and Entrance/Exit to Carmax	41	1.5	5.1	0.1	0.1	0.1	5.1	0.0	0.0	20.9	150.0	20.0	0.0	0.0	147.0	0.0	0.0	0.0	0.0	0.0	0	0	0	57.0	0.0	14.0	0.0	0.0	0	0	0	0.0	0.0	0	0.0	19
Western Ave and Brookwood Dr	42	1.9	8.8	0.1	0.1	0.1	8.8	0.0	0.0	27.4	185.0	25.0	0.0	0.0	183.0	0.0	0.0	0.0	0.0	0.0	0	0	0	62.0	0.0	12.0	0.0	0.0	0	0	0	0.0	0.0	0	0.0	31
Western Ave and Braebum Ave	43	1.8	4.9	0.1	0.1	0.1	4.9	0.0	0.0	24.8	183.0	20.0	0.0	0.0	179.0	0.0	0.0	0.0	4.9	5.1	1	0	0	53.0	0.0	12.0	0.0	0.0	0	0	0	0.0	0.0	0	0.0	20
Western Ave and Caddy St	44	1.9	12.1	0.2	0.2	0.2	12.1	0.0	0.0	25.9	193.0	20.0	0.0	0.0	254.0	0.0	0.0	0.0	4.7	0.0	0	0	0	47.0	0.0	10.0	0.0	0.0	0	0	0	0.0	0.0	0	0.0	20
Western Ave and Hawthorne Ln	45	0.9	3.4	0.0	0.0	0.0	3.4	0.0	0.0	14.8	93.0	20.0	0.0	0.0	93.0	0.0	0.0	0.0	0.0	0.0	0	0	0	48.0	0.0	10.0	0.0	0.0	0	0	0	0.0	0.0	0	0.0	20
Western Ave and Flossmoor Rd	46 - 47	14.5	19.8	0.3	0.3	0.3	19.8	0.0	0.0	197.8	1,446.0	61.0	0.0	0.0	1,415.0	0.0	0.0	0.0	0.0	13.0	0	0	1	360.7	102.0	101.5	0.0	0.0	0	6	0.0	485.4	0	0.0	167	
Western Ave and Carroll Parkway	48	3.5	6.8	0.1																																



US ROUTE 30
LINCOLN HWY

EAGLE POINTE DR

REFERENCE BENCHMARK ELEV 719.61
BENCHMARK : SW BOLT ON FIRE HYDRANT IN SW CORNER
LOCATION : 78 FT S OF LINCOLN HWY

LEGEND

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

DESIGNED ES 5/7/2020
 DRAWN ES 5/7/2020
 REVIEWED DRM 5/8/2020

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	DRAWN - ES	REVISED -
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PLOT DATE = 5/12/2020	DATE - 5/12/2020	REVISED -

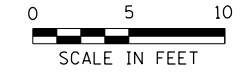
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIDEWALK RAMP DETAILS
60296 | US RTE 30 (LINCOLN HWY) & EAGLE POINTE DR (NW & NE)
MATTESON

SCALE: 1" = 10' SHEET NO. 1 OF 51 SHEETS STA. TO STA.

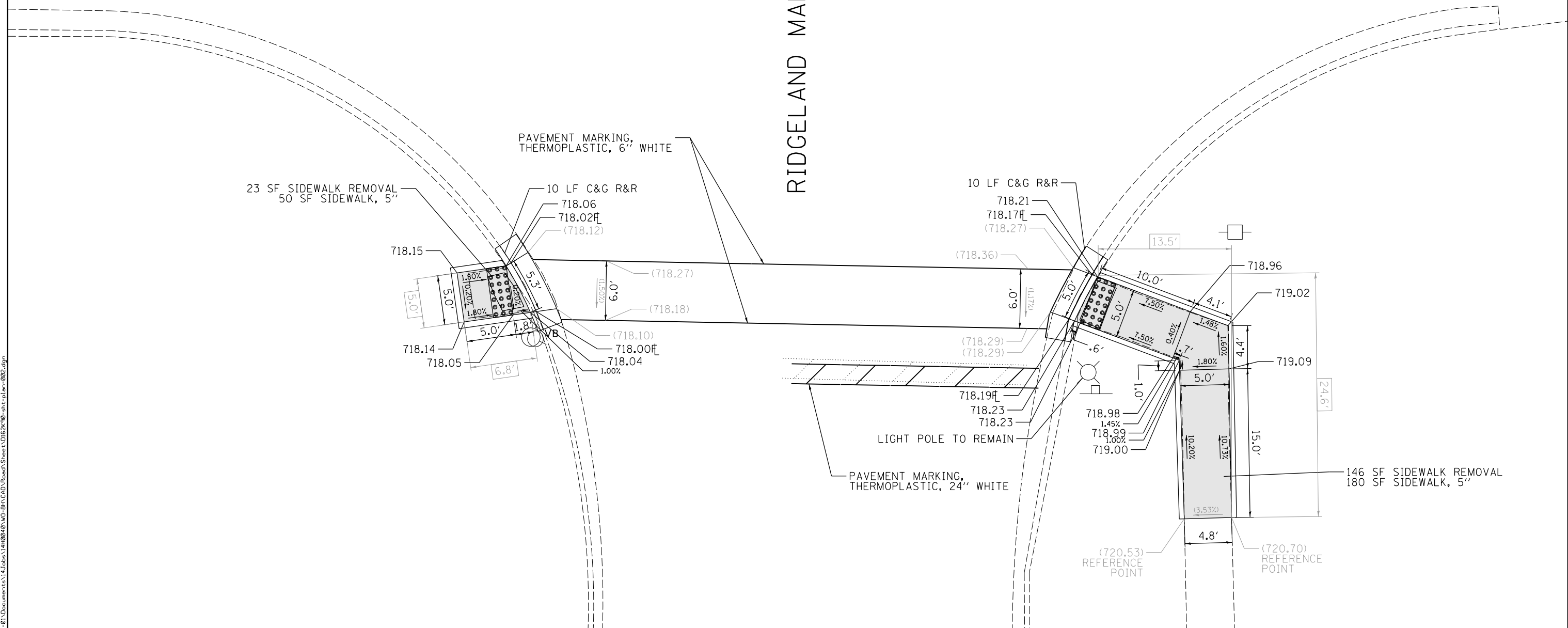
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-020-SW	COOK	67	9
CONTRACT NO. 62K90			ILLINOIS FED. AID PROJECT	

PLN-1



US ROUTE 30
LINCOLN HWY

RIDGELAND MANOR DR



REFERENCE BENCHMARK ELEV 719.61
BENCHMARK : SW BOLT ON FIRE HYDRANT IN SW CORNER
LOCATION : 78 FT S OF LINCOLN HWY

LEGEND

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

DESIGNED ES 5/7/2020
DRAWN ES 5/7/2020
REVIEWED DRM 5/8/2020

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	DRAWN - ES	REVISED -
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PLOT DATE = 5/12/2020	DATE - 5/12/2020	REVISED -

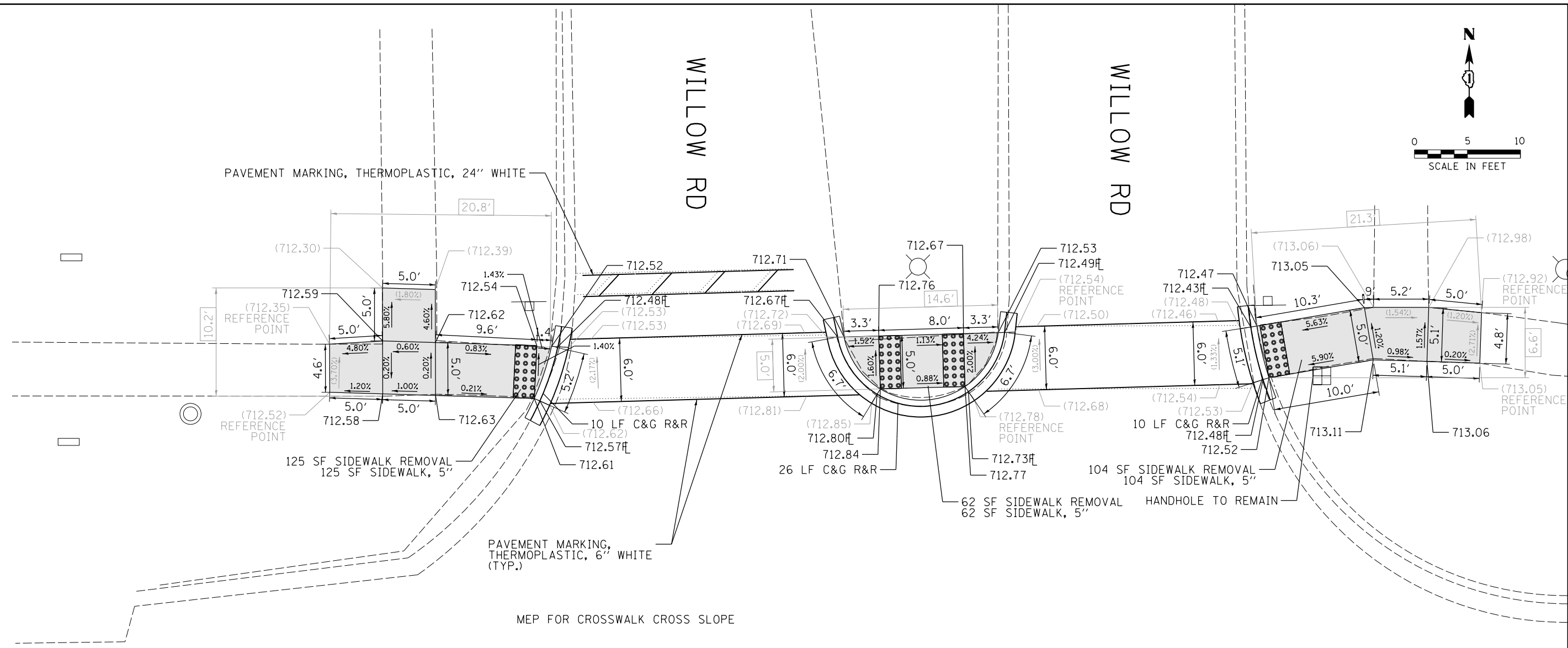
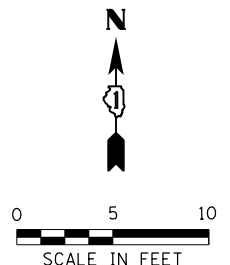
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS
60296 | US RTE 30 (LINCOLN HWY) & RIDGELAND MANOR DR (SW&SE)
MATTESON

SCALE: 1" = 10' SHEET NO. 2 OF 51 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-020-SW	COOK	67	10
CONTRACT NO. 62K90			ILLINOIS FED. AID PROJECT	

PLN-2



US ROUTE 30
LINCOLN HWY

DESIGNED ES 5/7/2020
 DRAWN ES 5/7/2020
 REVIEWED DRM 5/8/2020
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REFERENCE BENCHMARK ELEV 713.65
 BENCHMARK : SW BOLT ON FIRE HYDRANT IN NE CORNER
 LOCATION : 75 FT S OF LINCOLN HWY

LEGEND

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

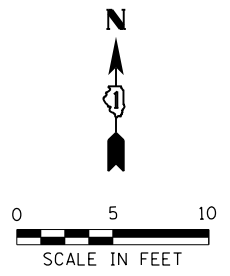
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	DRAWN - ES	REVISED -
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PLOT DATE = 5/12/2020	DATE = 5/12/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS
60930 | US RTE 30 (LINCOLN HWY) & WILLOW RD (NW & NE)
MATTESON

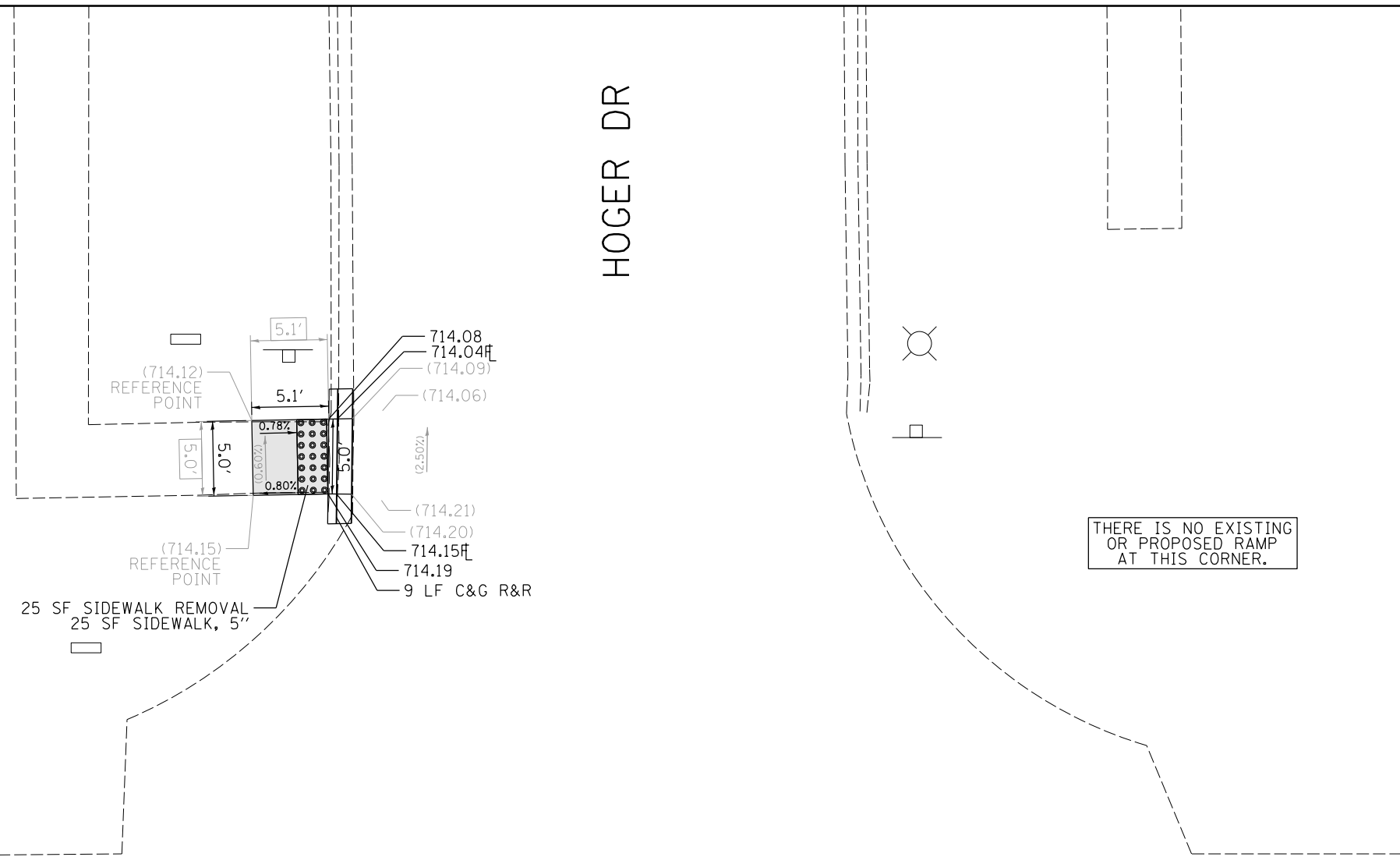
SCALE: 1" = 10' SHEET NO. 3 OF 51 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-020-SW	COOK	67	11
CONTRACT NO. 62K90			PLN-3	
ILLINOIS FED. AID PROJECT				



HOGER DR

MEP FOR CROSSWALK CROSS SLOPE



US ROUTE 30
LINCOLN HWY

REFERENCE BENCHMARK ELEV 714.12
BENCHMARK : SQUARE CUT ON CONCRETE IN NW CORNER
LOCATION : 57 FT N OF LINCOLN HWY

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

DESIGNED ES 5/7/2020
DRAWN ES 5/7/2020
REVIEWED DRM 5/8/2020

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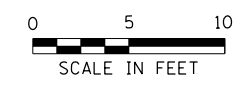
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	DRAWN - ES	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - DRM	REVISED -
PLOT DATE = 5/12/2020	DATE - 5/12/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

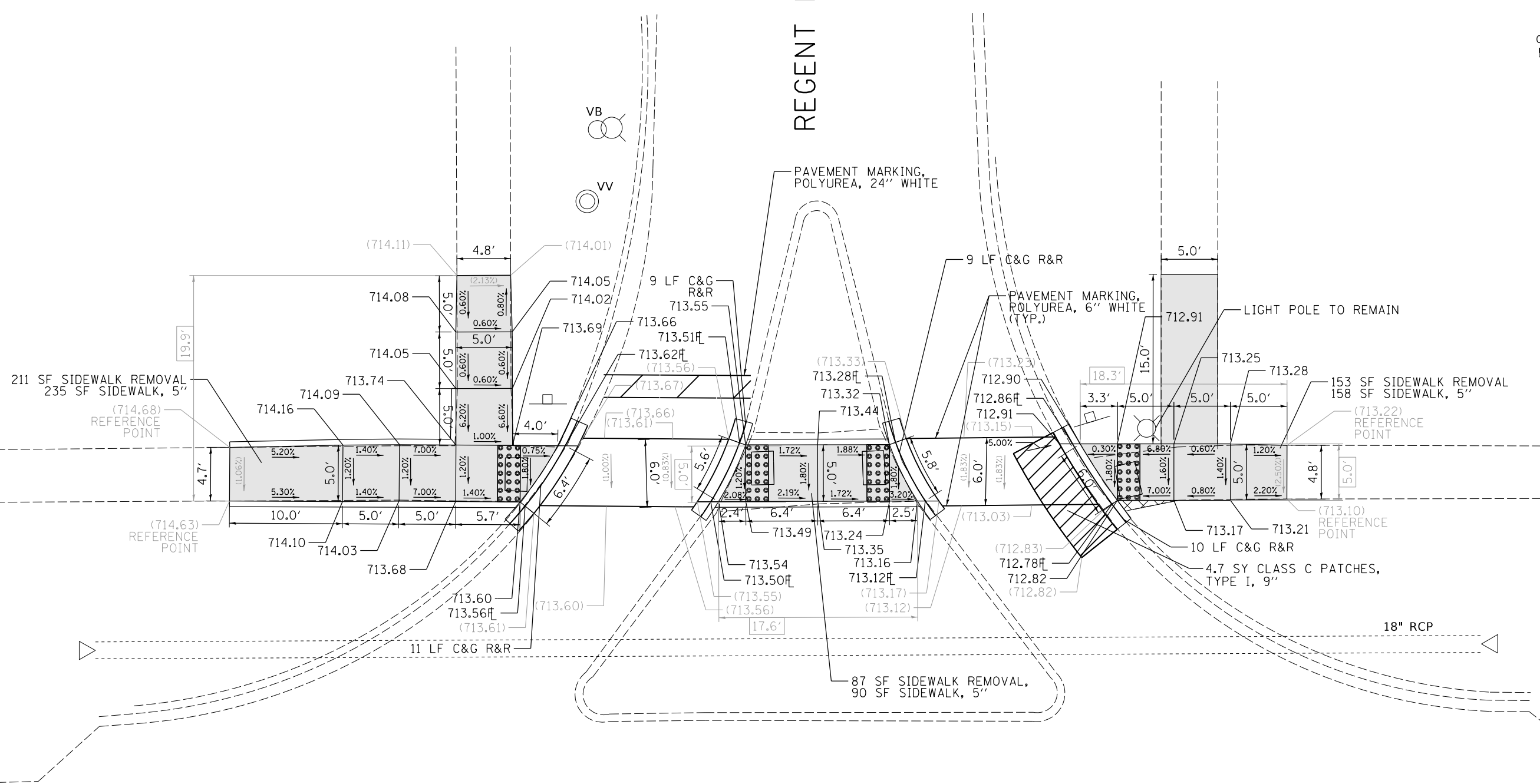
SIDEWALK RAMP DETAILS
60929 | US RTE 30 (LINCOLN HWY) & HOGER DR (NW & NE)
MATTESON
SCALE: 1" = 10' SHEET NO. 4 OF 51 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-020-SW	COOK	67	12
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62K90	

PLN-4



REGENT DR



US ROUTE 30
LINCOLN HWY

REFERENCE BENCHMARK ELEV 715.86
BENCHMARK : SW BOLT ON FIRE HYDRANT IN NW CORNER
LOCATION : 97 FT N OF LINCOLN HWY

LEGEND

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

DESIGNED ES 5/7/2020
 DRAWN ES 5/7/2020
 REVIEWED DRM 5/8/2020

FILE NAME : p:\a\hansource\matteson\01\Documents\14\Jobs\1400240\RD-BH\CD\Road\Sheet\02K90-ash-dim-005.dgn

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PLOT DATE = 5/12/2020	DATE = 5/12/2020	REVISED -

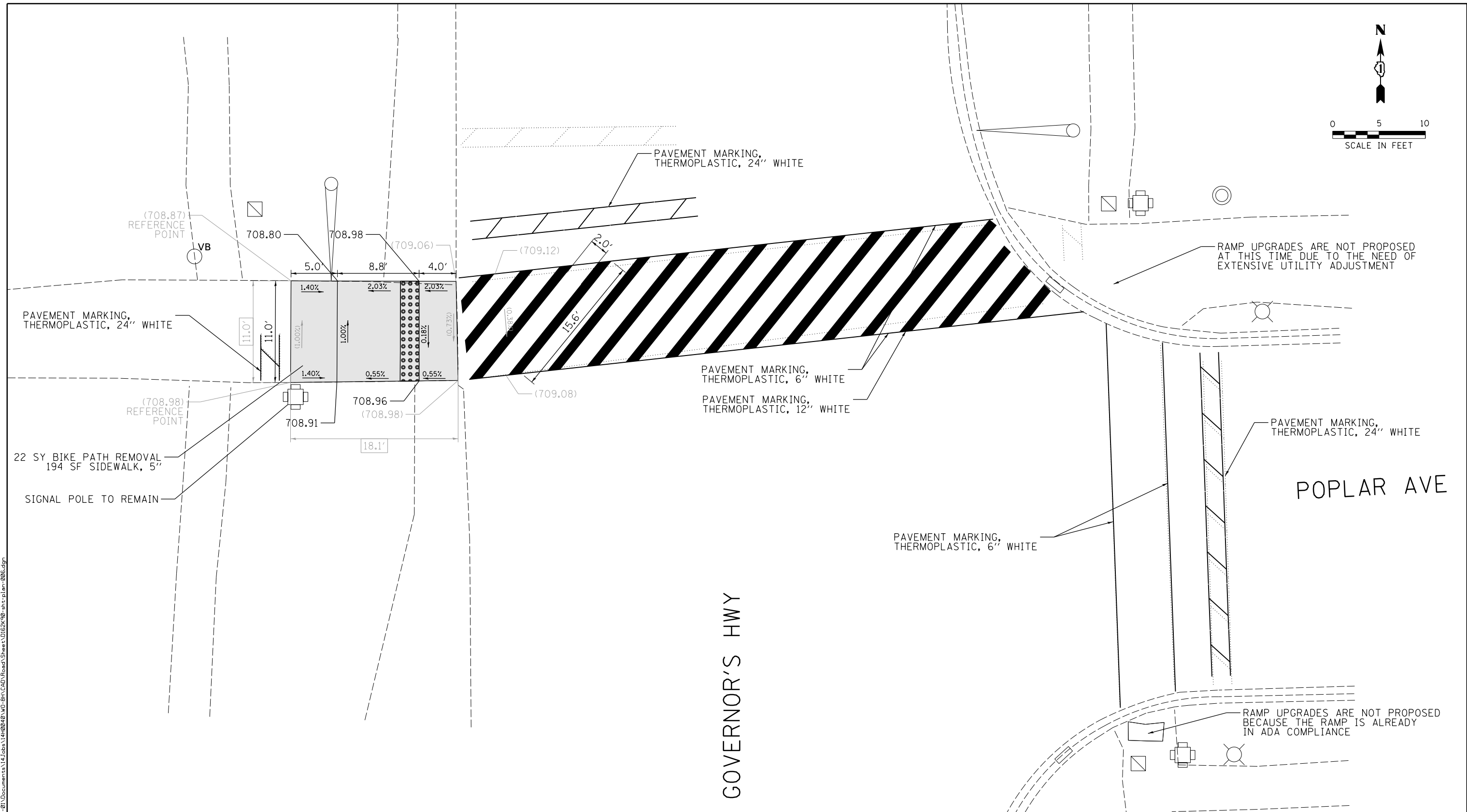
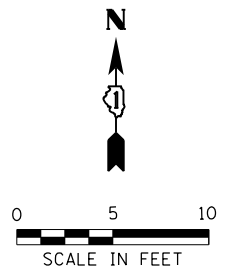
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS
60931 | US RTE 30 (LINCOLN HWY) & REGENT DR (NW & NE)
MATTESON

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-020-SW	COOK	67	13
CONTRACT NO. 62K90			PLN-5	

SCALE: 1" = 10' SHEET NO. 5 OF 51 SHEETS STA. TO STA.

ILLINOIS FED. AID PROJECT



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

REFERENCE BENCHMARK ELEV 710.06
 BENCHMARK : NE BOLT OF FIRE HYDRANT IN SE CORNER
 LOCATION : 44 FT S OF POPLAR AVE

DESIGNED ES 5/7/2020
 DRAWN ES 5/7/2020
 REVIEWED DRM 5/8/2020

FILE NAME: p:\a\transportation\62k90\62k90.dwg

USER NAME : Ander-00833	DESIGNED - ES	REVISED -
	DRAWN - ES	REVISED -
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PLOT DATE = 5/12/2020	DATE = 5/12/2020	REVISED -

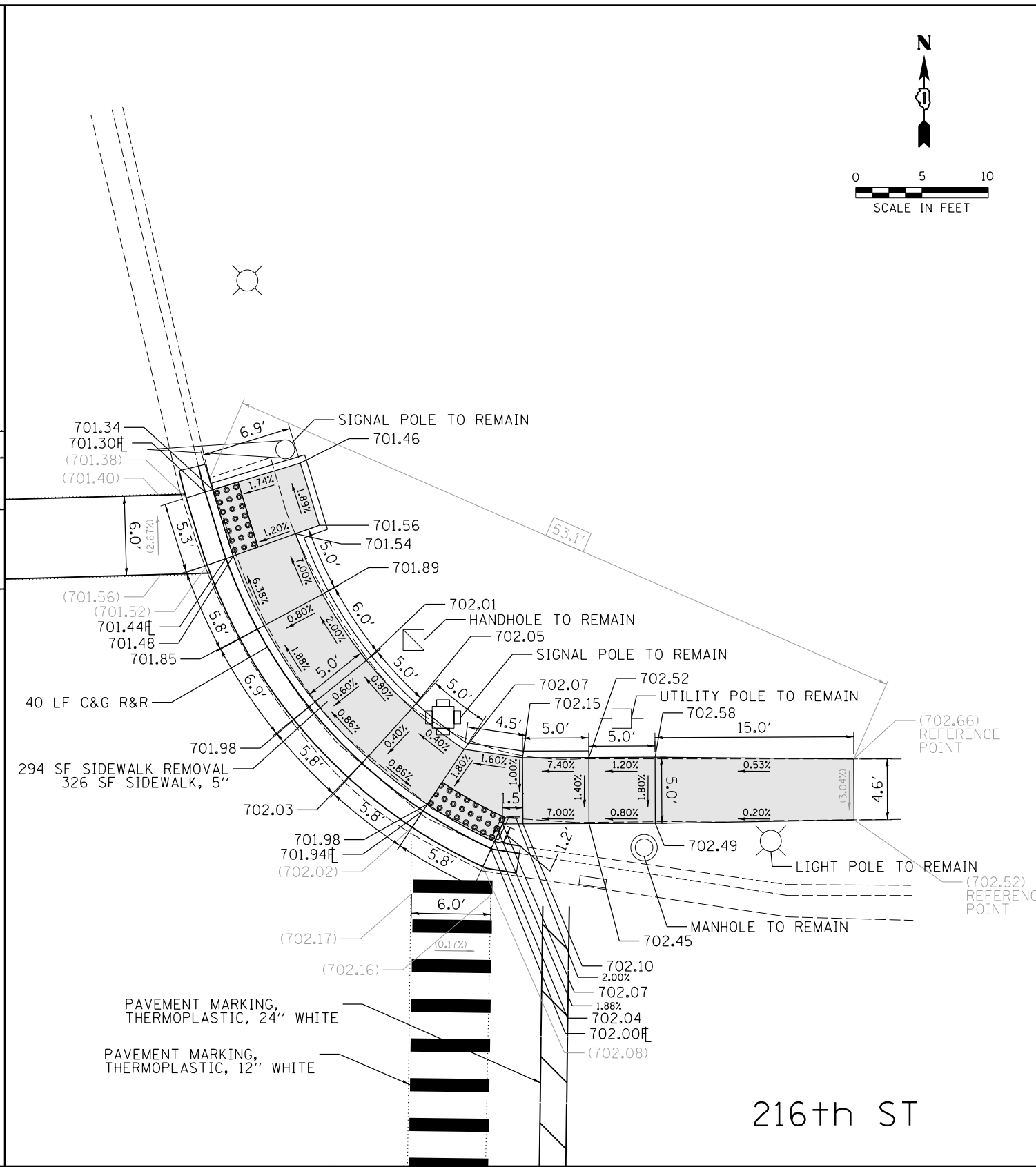
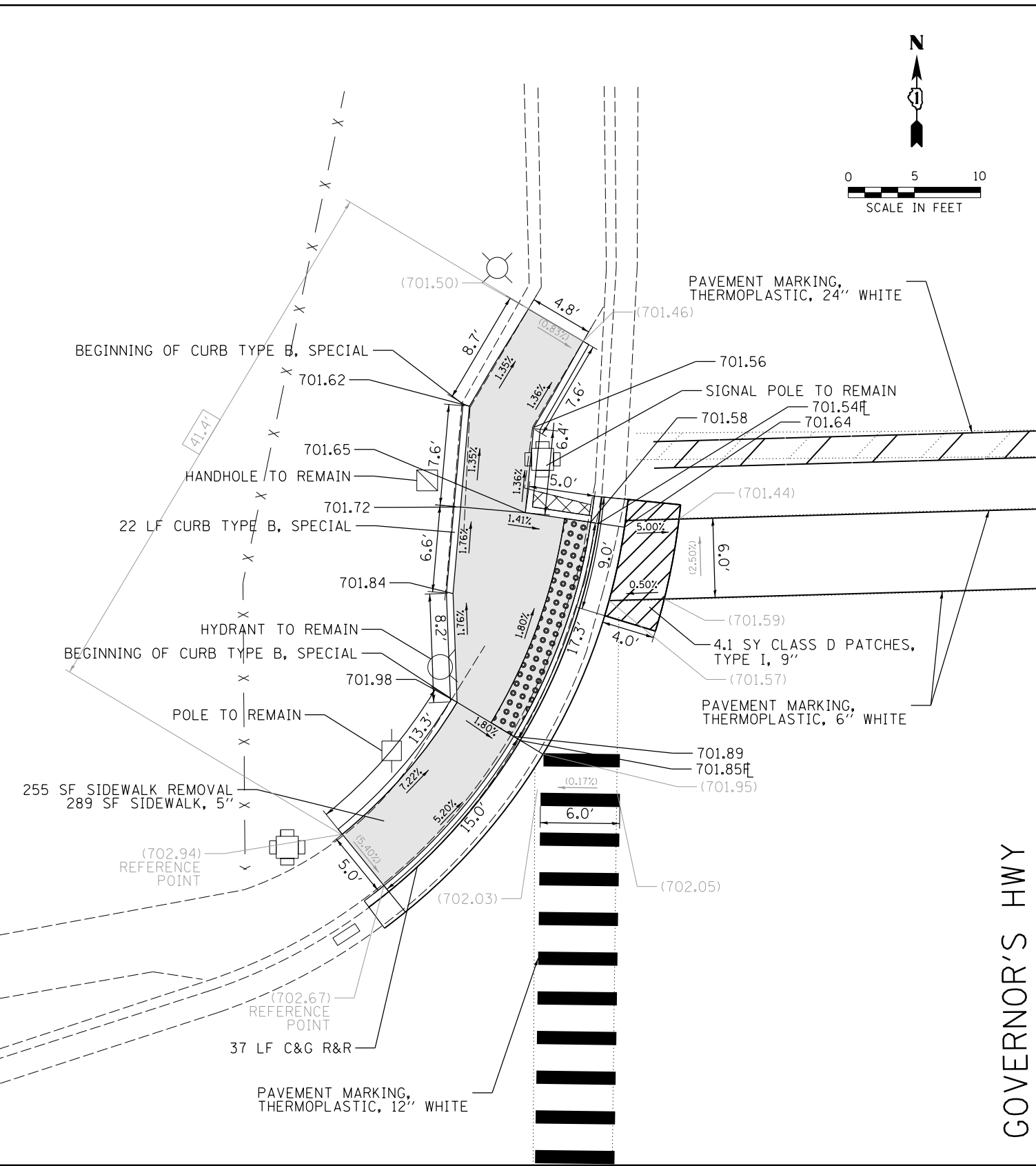
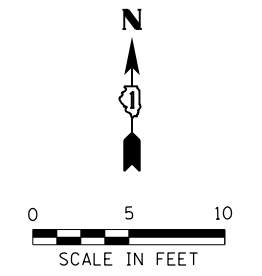
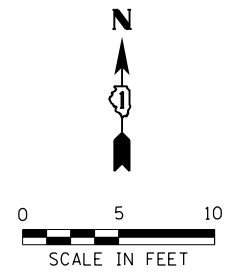
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS
60932 | GOVERNORS HWY & POPLAR AVE (NW & NE)
UNINCORPORATED RICHTON PARK

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-020-SW	COOK	67	14
CONTRACT NO. 62K90				

PLN-6

SCALE: 1" = 10' SHEET NO. 6 OF 51 SHEETS STA. TO STA. ILLINOIS FED. AID PROJECT



GOVERNOR'S HWY

216th ST

DESIGNED ES 5/7/2020
 DRAWN ES 5/7/2020
 REVIEWED DRM 5/8/2020
 FILE NAME: P:\a\hansource\matteson\01\Documents\14\Jobs\1410248\MD-BH-CAD\Road\Sheet\02K90-shr-plan-007.dgn

REFERENCE BENCHMARK ELEV 704.11
 BENCHMARK : SW BOLT ON FIRE HYDRANT IN NW CORNER
 LOCATION : 46 FT N OF 216TH ST

LEGEND

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

REFERENCE BENCHMARK ELEV 704.11
 BENCHMARK : SW BOLT ON FIRE HYDRANT IN NW CORNER
 LOCATION : 46 FT N OF 216TH ST

USER NAME = 1a101982	DESIGNED - ES	REVISED -
	DRAWN - ES	REVISED -
PLOT SCALE = 10.0000' / 1"	CHECKED - DRM	REVISED -
PLOT DATE = 5/12/2020	DATE - 5/12/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

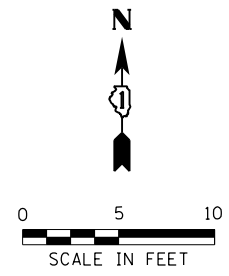
**SIDEWALK RAMP DETAILS
60289 | GOVERNORS HWY & 216TH ST (NW & NE)
MATTESON**

SCALE: 1" = 10' SHEET NO. 7 OF 51 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-020-SW	COOK	67	15
CONTRACT NO. 62K90			ILLINOIS FED. AID PROJECT	

PLN-7

216th ST



PAVEMENT MARKING, THERMOPLASTIC, 24" WHITE

PAVEMENT MARKING, THERMOPLASTIC, 12" WHITE (TYP.)

(703.13) REFERENCE POINT

INLET TO REMAIN

(703.23) REFERENCE POINT

HANDHOLE TO REMAIN

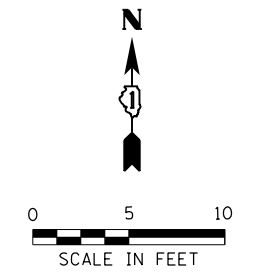
95 SF SIDEWALK REMOVAL
108 SF SIDEWALK, 5"

22 LF C&G R&R

PAVEMENT MARKING, THERMOPLASTIC, 6" WHITE

PAVEMENT MARKING, THERMOPLASTIC, 24" WHITE

GOVERNOR'S HWY



PAVEMENT MARKING, THERMOPLASTIC, 24" WHITE

PAVEMENT MARKING, THERMOPLASTIC, 12" WHITE (TYP.)

INLET TO BE ADJUSTED

320 SF SIDEWALK REMOVAL
335 SF SIDEWALK, 5"

STORM SEWER MANHOLE TO BE ADJUSTED REMAIN

VALVE BOX TO REMAIN
HYDRANT TO REMAIN

PRIV BLDG

SIGNAL POLE TO REMAIN

LEGEND

xx.xx'

EXISTING LENGTH

=====

PROPOSED SIDE CURB

()

EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV 704.11

BENCHMARK : SW BOLT ON FIRE HYDRANT IN NW CORNER

LOCATION : 46 FT N OF 216TH ST

DESIGNED ES 5/7/2020
 DRAWN ES 5/7/2020
 REVIEWED DRM 5/8/2020

FILE NAME: p:\a\hansource\matteson\01\Documents\14\Jobs\14\0248\RD-BH\CAD\Road\Sheet\02K90-shr.plt:008.dgn

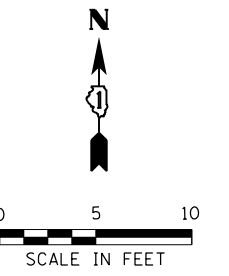
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PLOT DATE = 5/12/2020	DATE - 5/12/2020	REVISD -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS
60289 | GOVERNORS HWY & 216TH ST (SW & SE)
MATTESON**

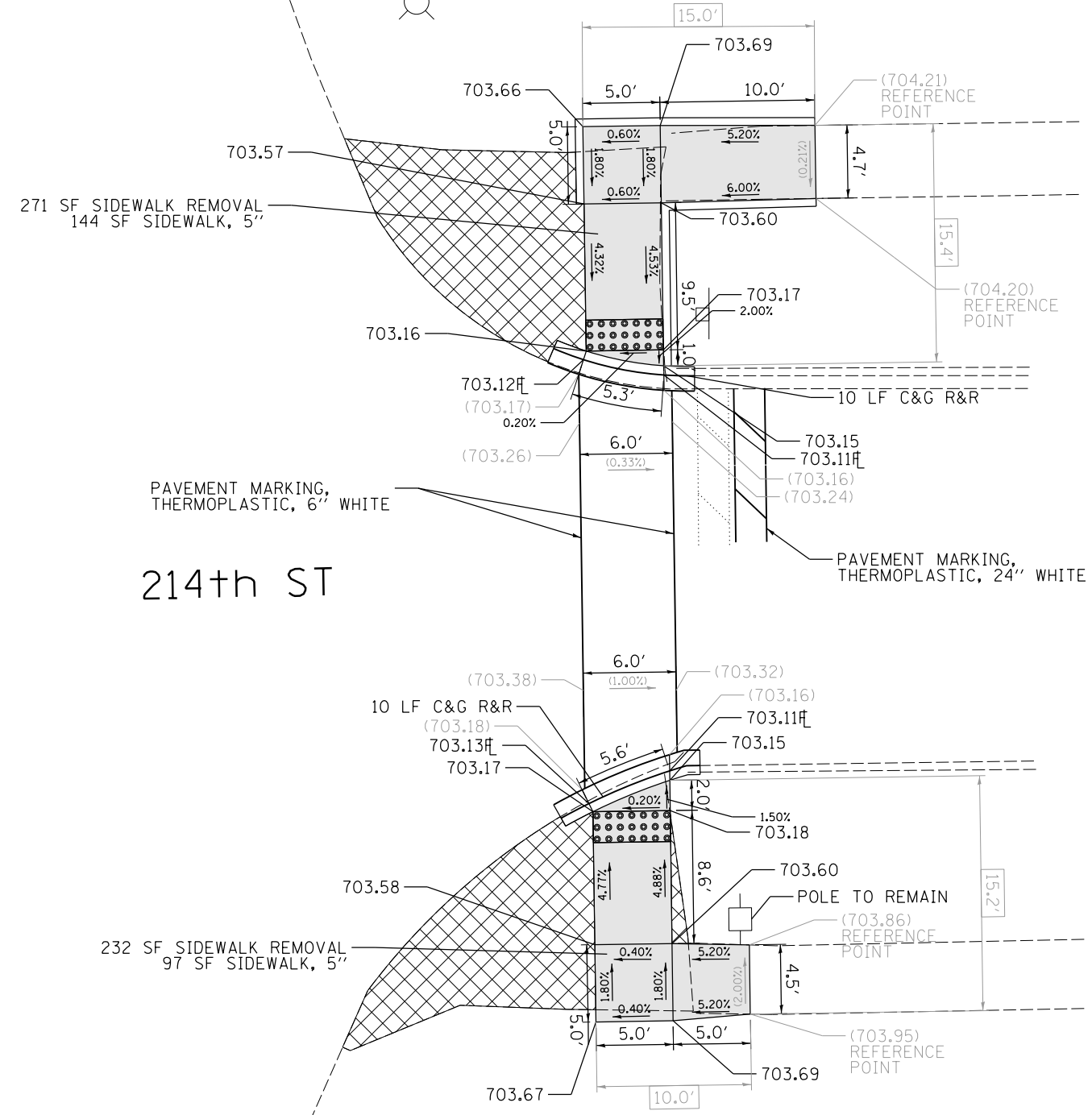
SCALE: 1" = 10' SHEET NO. 8 OF 51 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-020-SW	COOK	67	16
CONTRACT NO. 62K90			PLN-8	
ILLINOIS FED. AID PROJECT				



GOVERNOR'S HWY

THERE IS NO EXISTING OR PROPOSED RAMP AT THIS SIDE.



214th ST

REFERENCE BENCHMARK ELEV 705.08
 BENCHMARK : NW BOLT OF FIRE HYDRANT IN NW CORNER
 LOCATION : 41 FT W OF GOVERNORS HWY

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

DESIGNED ES 5/7/2020
 DRAWN ES 5/7/2020
 REVIEWED DRM 5/8/2020

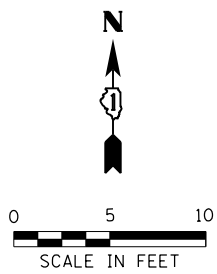
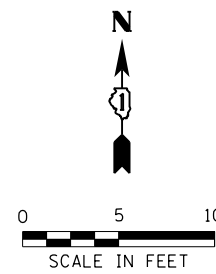
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PLOT DATE = 5/12/2020	DATE - 5/12/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SIDEWALK RAMP DETAILS
60288 | GOVERNORS HWY & 214TH ST (NE & SE)
MATTESON
 SCALE: 1" = 10' SHEET NO. 9 OF 51 SHEETS STA. TO STA.

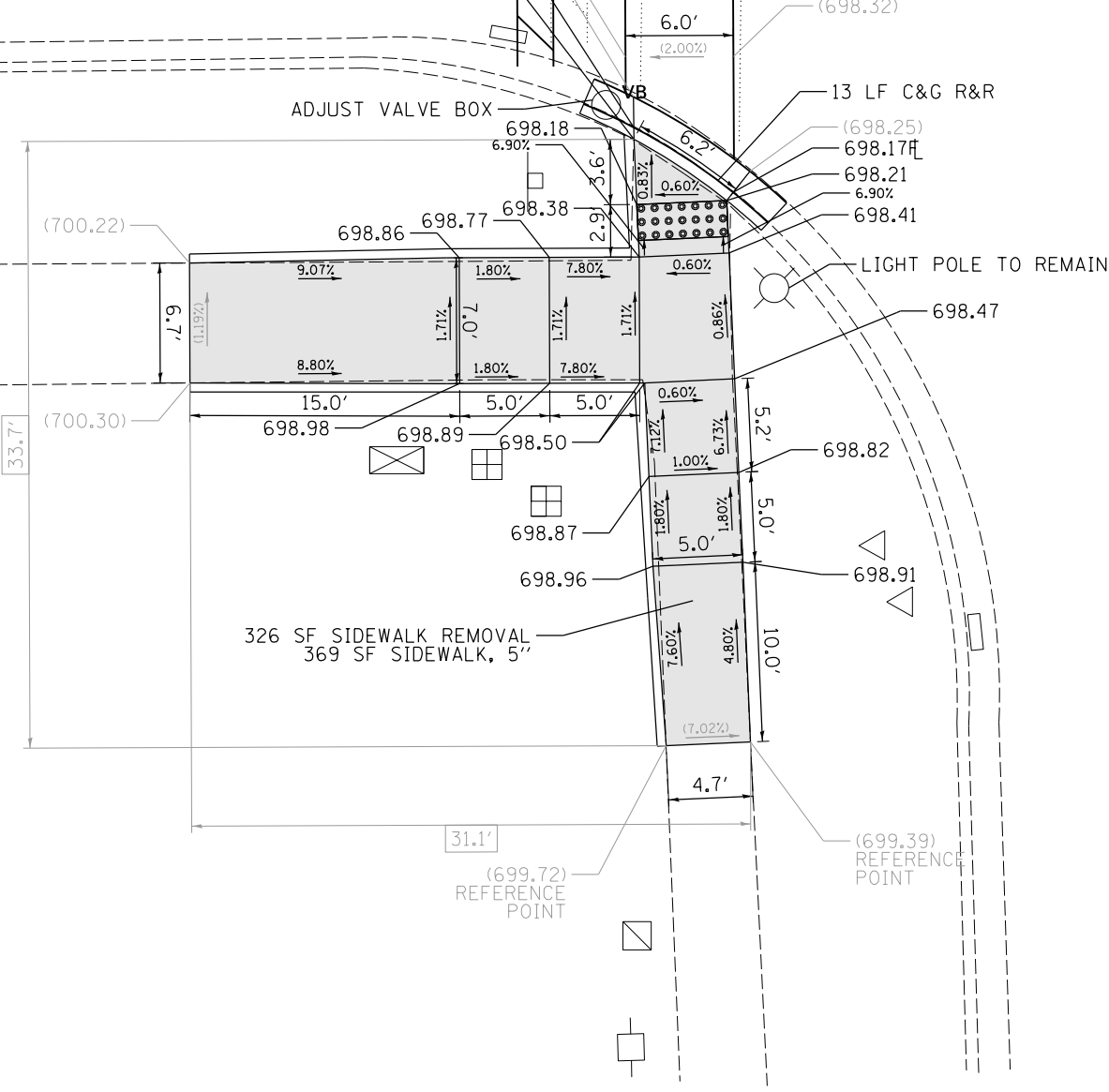
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-020-SW	COOK	67	17
CONTRACT NO. 62K90			PLN-9	
ILLINOIS FED. AID PROJECT				



ST. LAWRENCE AVE

PAVEMENT MARKING,
THERMOPLASTIC, 24" WHITE

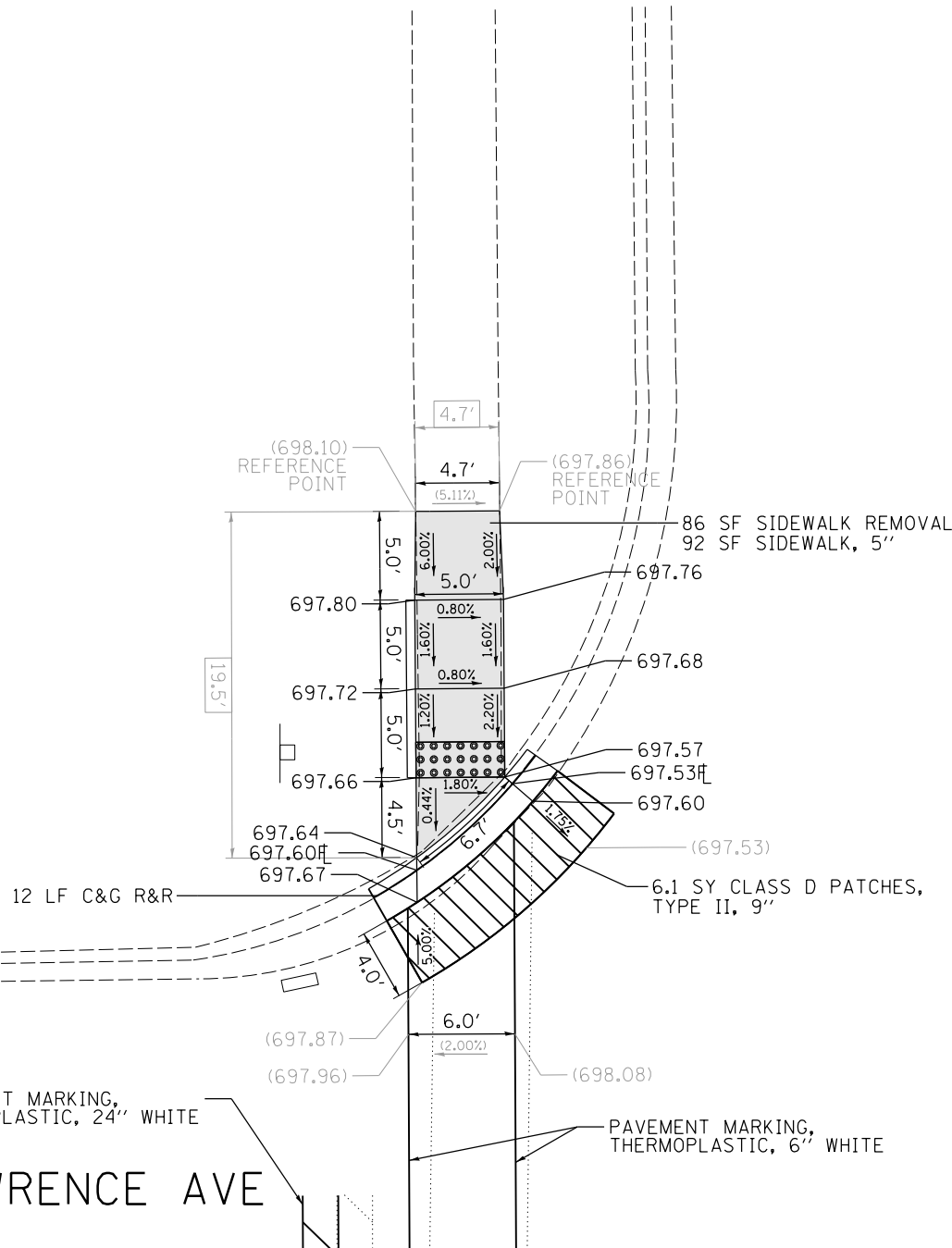
PAVEMENT MARKING,
THERMOPLASTIC, 6" WHITE



GOVERNOR'S HWY

GOVERNOR'S HWY

ST. LAWRENCE AVE



REFERENCE BENCHMARK ELEV 700.70
 BENCHMARK : SQUARE CUT ON NE CORNER OF CONCRETE BASE OF LIGHT CONTROL
 BOX IN SW CORNER
 LOCATION : 38 FT S OF ST. LAWRENCE AVE

LEGEND

xx.xx'

EXISTING LENGTH

=====

PROPOSED SIDE CURB

()

EXISTING ELEVATION/SLOPE



PROPOSED SIDEWALK



DETECTABLE WARNINGS



SIDEWALK REMOVAL
REPLACE W/TOPSOIL & SOD

REFERENCE BENCHMARK ELEV 700.70
 BENCHMARK : SQUARE CUT ON NE CORNER OF CONCRETE BASE OF LIGHT CONTROL
 BOX IN SW CORNER
 LOCATION : 38 FT S OF ST. LAWRENCE AVE

DESIGNED ES 5/7/2020
 DRAWN ES 5/7/2020
 REVIEWED DRM 5/8/2020

FILE NAME: P:\Projects\2020\2020-020-SW\Drawings\Sheet\02K90-1.dwg

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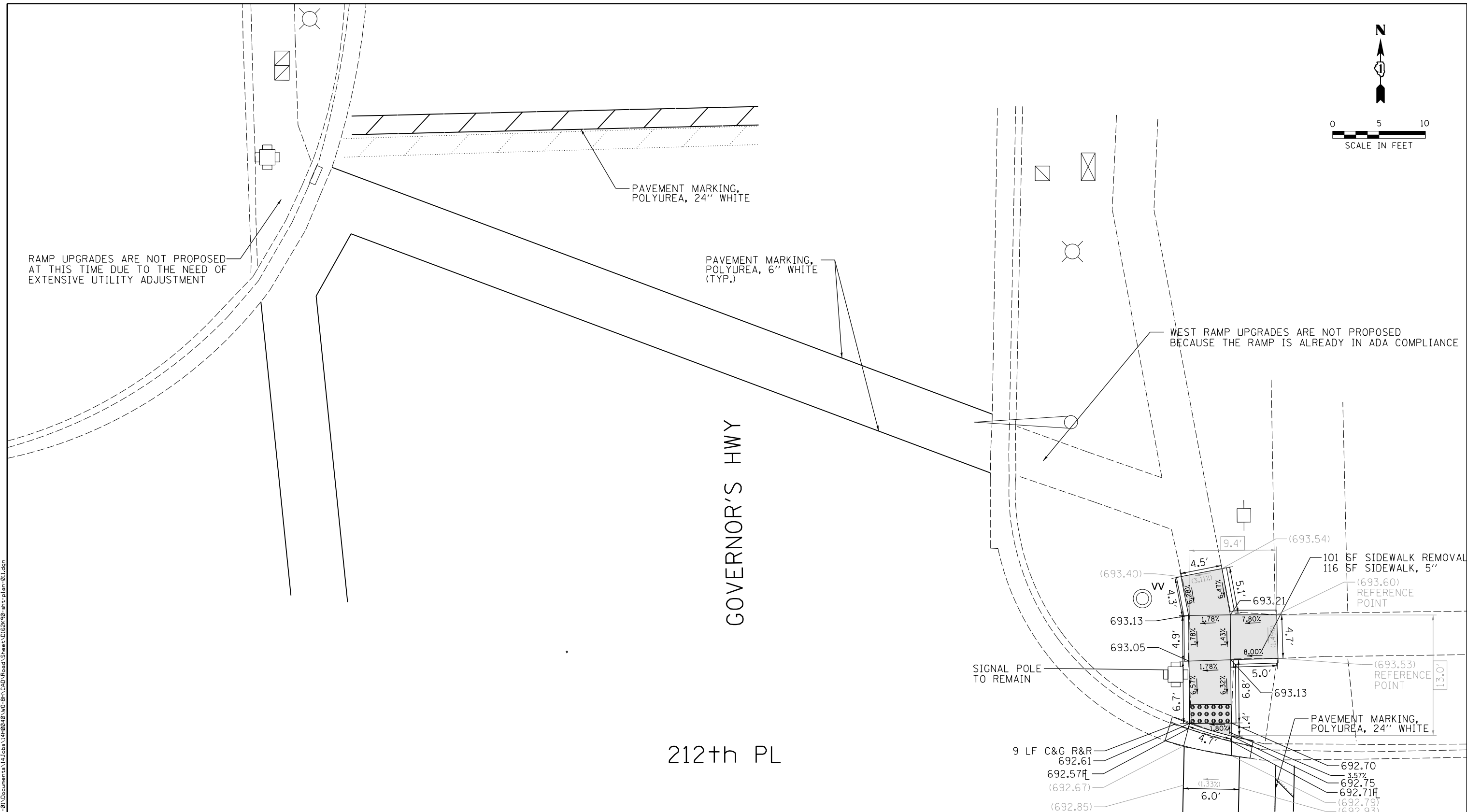
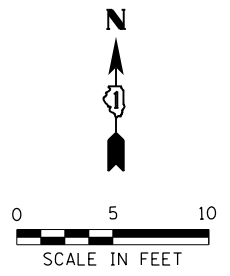
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS
60287 | GOVERNORS HWY & ST. LAWRENCE AVE (NW & SW)
MATTESON

SCALE: 1" = 10' SHEET NO. 10 OF 51 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-020-SW	COOK	67	18
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62K90	

PLN-10



RAMP UPGRADES ARE NOT PROPOSED AT THIS TIME DUE TO THE NEED OF EXTENSIVE UTILITY ADJUSTMENT

PAVEMENT MARKING, POLYUREA, 24" WHITE

PAVEMENT MARKING, POLYUREA, 6" WHITE (TYP.)

WEST RAMP UPGRADES ARE NOT PROPOSED BECAUSE THE RAMP IS ALREADY IN ADA COMPLIANCE

GOVERNOR'S HWY

212th PL

SIGNAL POLE TO REMAIN

9 LF C&G R&R
692.61
692.57#
(692.67)
(692.85)

101 SF SIDEWALK REMOVAL
116 SF SIDEWALK, 5'
(693.60) REFERENCE POINT

(693.53) REFERENCE POINT

PAVEMENT MARKING, POLYUREA, 24" WHITE

692.70
3.57%
692.75
692.71#
(692.79)
(692.93)

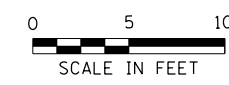
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 DRAWN ES 5/7/2020
 REVIEWED DRM 5/8/2020
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REFERENCE BENCHMARK ELEV 694.92
 BENCHMARK : SQUARE CUT ON CONCRETE BASE OF STREET LIGHT IN SW CORNER
 LOCATION : 49 FT S OF 212TH PL

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

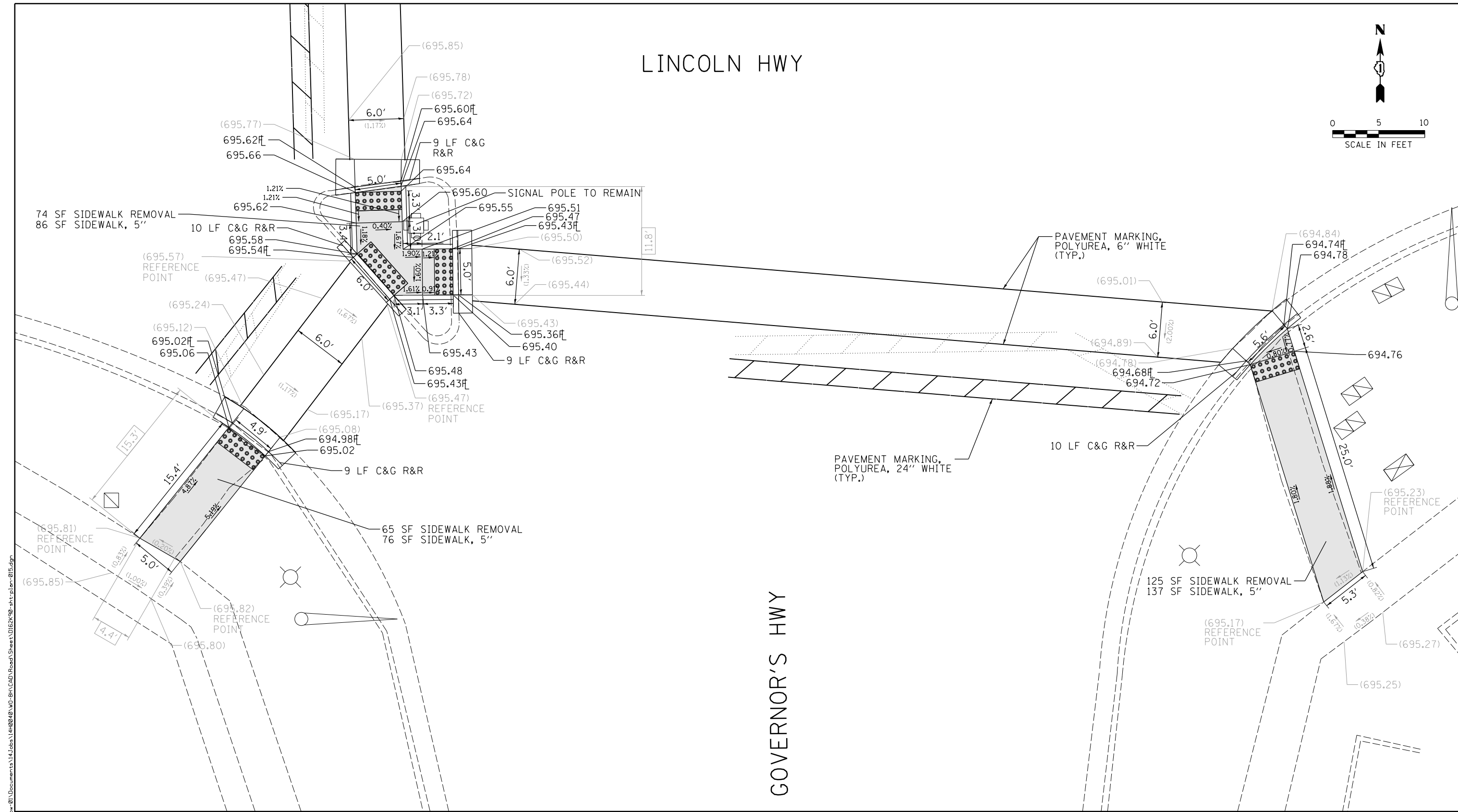
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	SCALE: 1" = 10' SHEET NO. 11 OF 51 SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT		CONTRACT NO. 62K90				

PLN-11



LINCOLN HWY

GOVERNOR'S HWY



REFERENCE BENCHMARK ELEV 695.31
 BENCHMARK : SQUARE CUT ON W SIDE OF CONCRETE BASE OF TRAFFIC SIGNAL IN SE CORNER
 LOCATION : 69 FT S OF GOVERNORS HWY

LEGEND

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

DESIGNED ES 5/7/2020
 DRAWN ES 5/7/2020
 REVIEWED DRM 5/8/2020

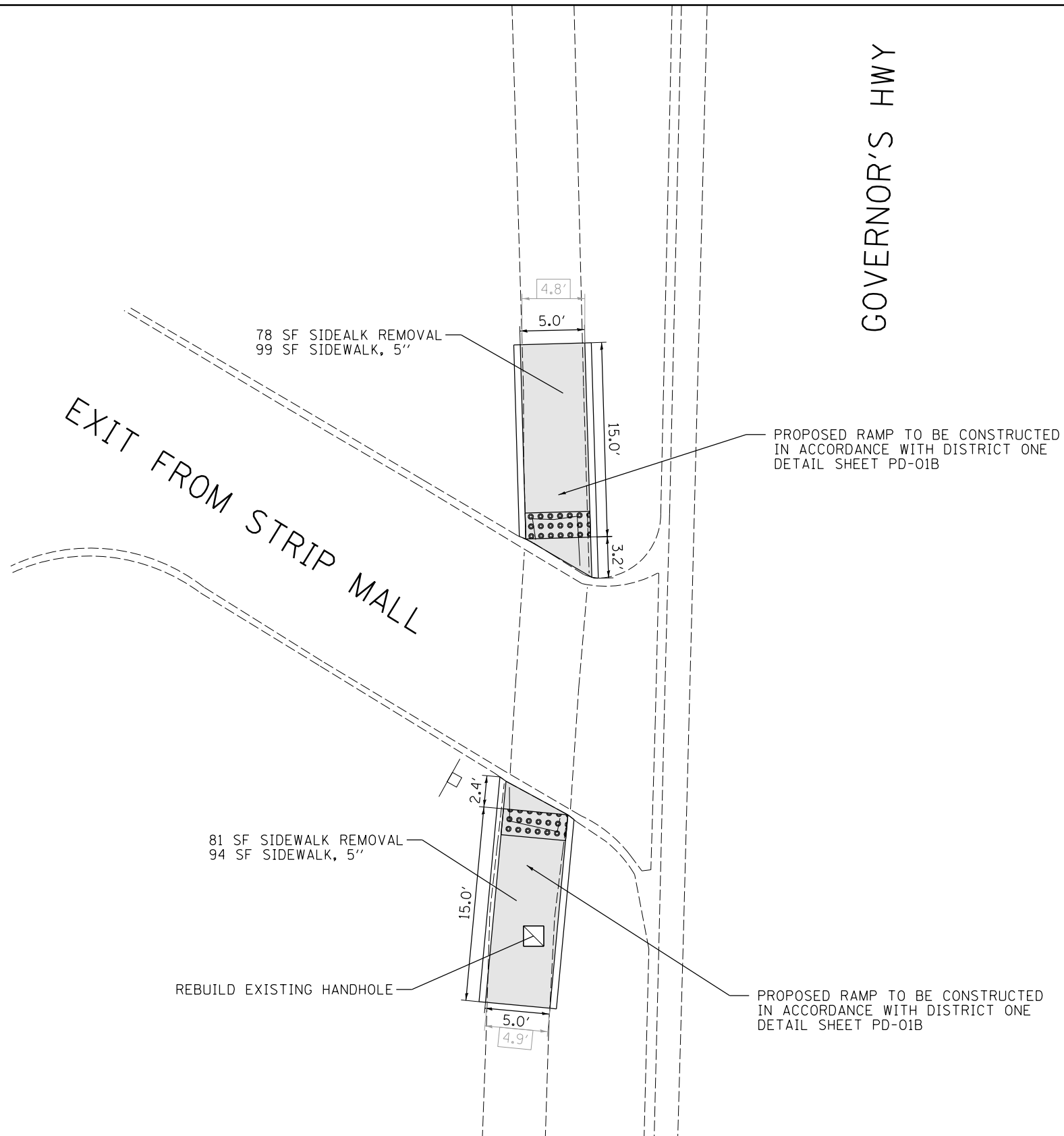
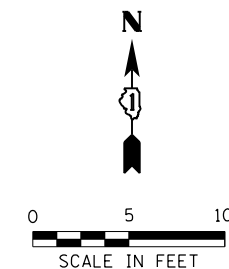
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PLOT DATE = 5/12/2020	DATE = 5/12/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS
60286 | US RTE 30 (LINCOLN HWY) & GOVERNORS HWY (SW & SE)
MATTESON
 SCALE: 1" = 10' SHEET NO. 15 OF 51 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-020-SW	COOK	67	23
CONTRACT NO. 62K90			PLN-15	
ILLINOIS FED. AID PROJECT				



REFERENCE BENCHMARK ELEV 700.41
 BENCHMARK : SQUARE CUT ON TOP OF CURB IN NW CORNER
 LOCATION : 64 FT W OF GOVERNORS HWY

LEGEND

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

DESIGNED ES 5/7/2020
 DRAWN ES 5/7/2020
 REVIEWED DRM 5/8/2020

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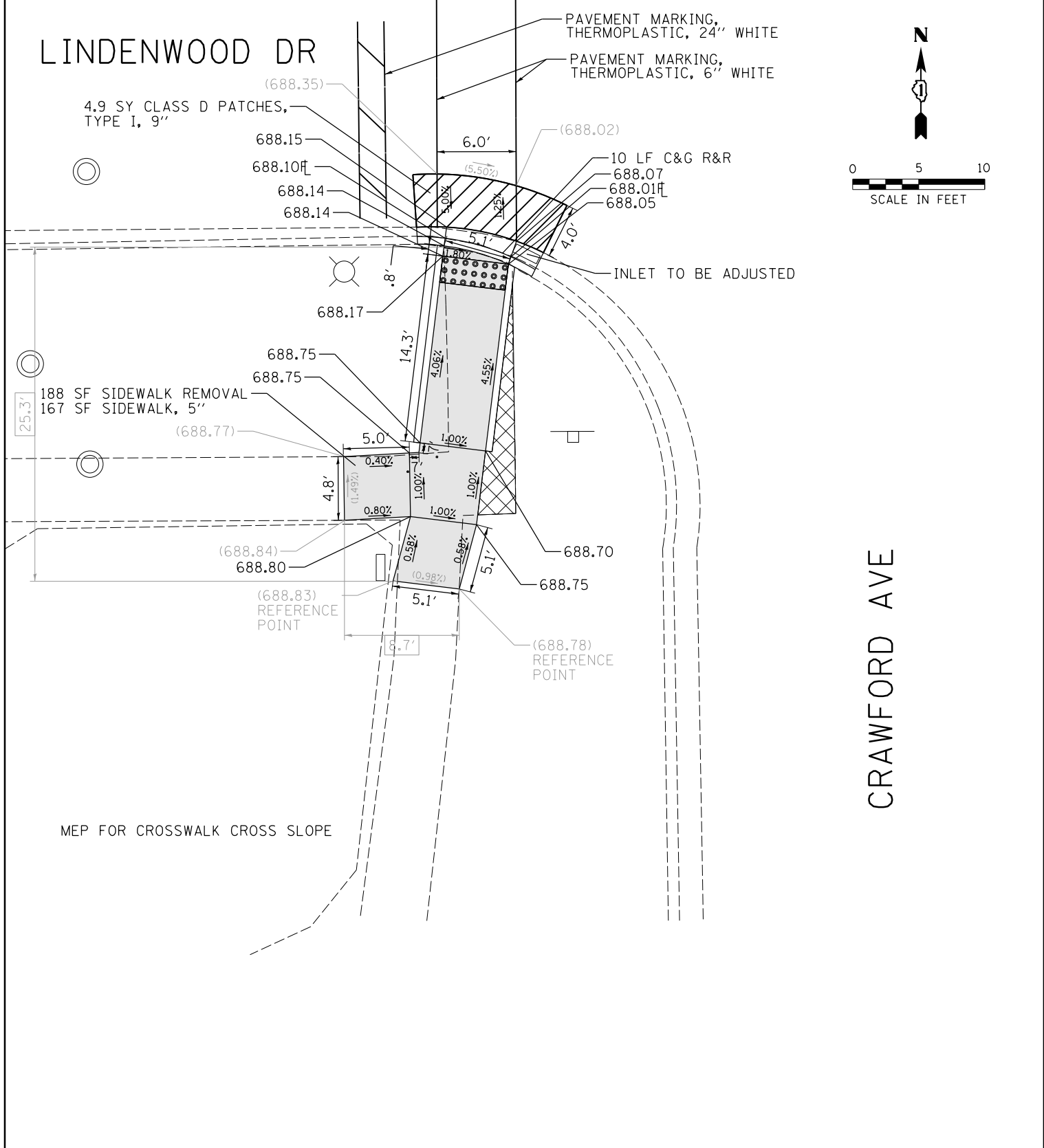
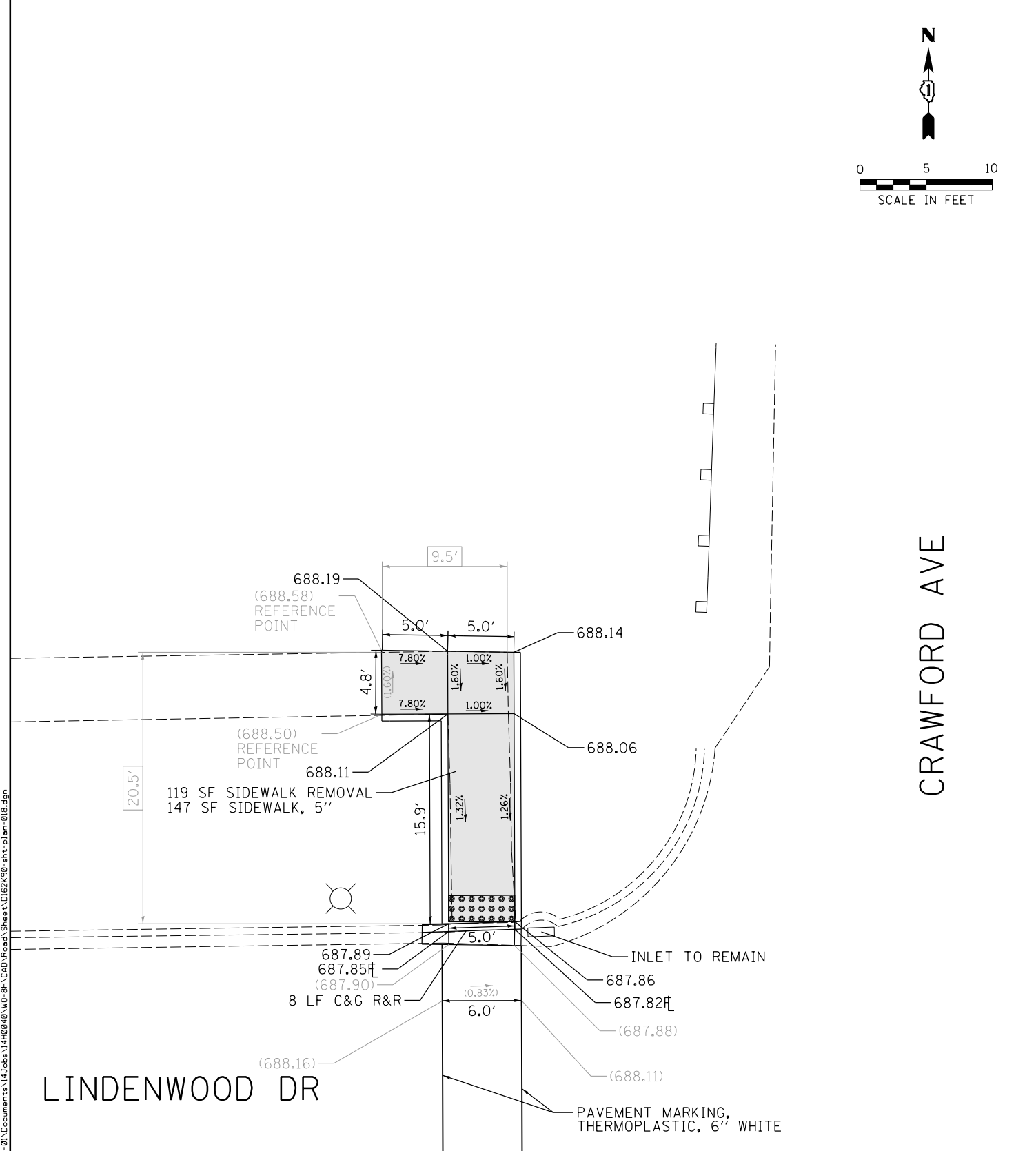
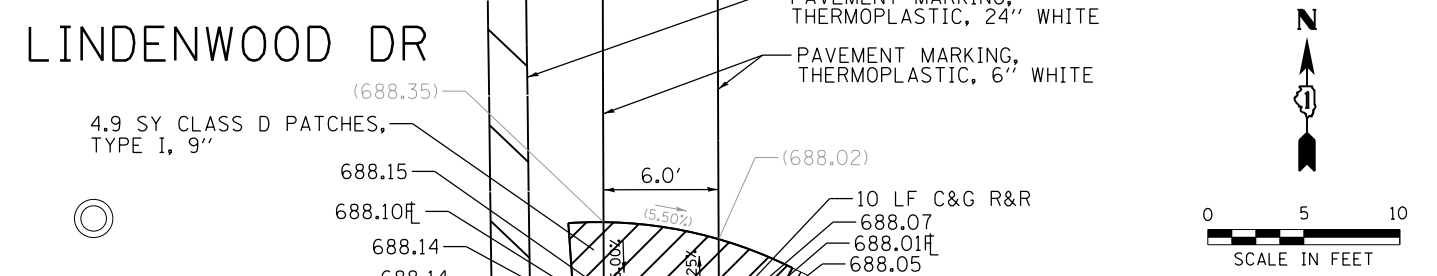
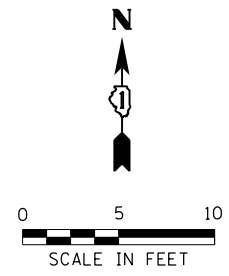
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS
 60934 | GOVERNORS HWY & EXIT FROM STRIP MALL (NW & SW)
 MATTESON**

SCALE: 1" = 10' SHEET NO. 16 OF 51 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-020-SW	COOK	67	24
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62K90	

PLN-16



DESIGNED ES 5/7/2020
 DRAWN ES 5/7/2020
 REVIEWED DRM 5/8/2020

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REFERENCE BENCHMARK ELEV 690.05
 BENCHMARK : SE BOLT OF FIRE HYDRANT IN SW CORNER
 LOCATION : 43 FT S OF LINDENWOOD RD

REFERENCE BENCHMARK ELEV 690.05
 BENCHMARK : SE BOLT OF FIRE HYDRANT IN SW CORNER
 LOCATION : 43 FT S OF LINDENWOOD RD

LEGEND

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

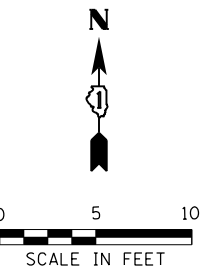
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PLOT DATE = 5/12/2020	DATE - 5/12/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

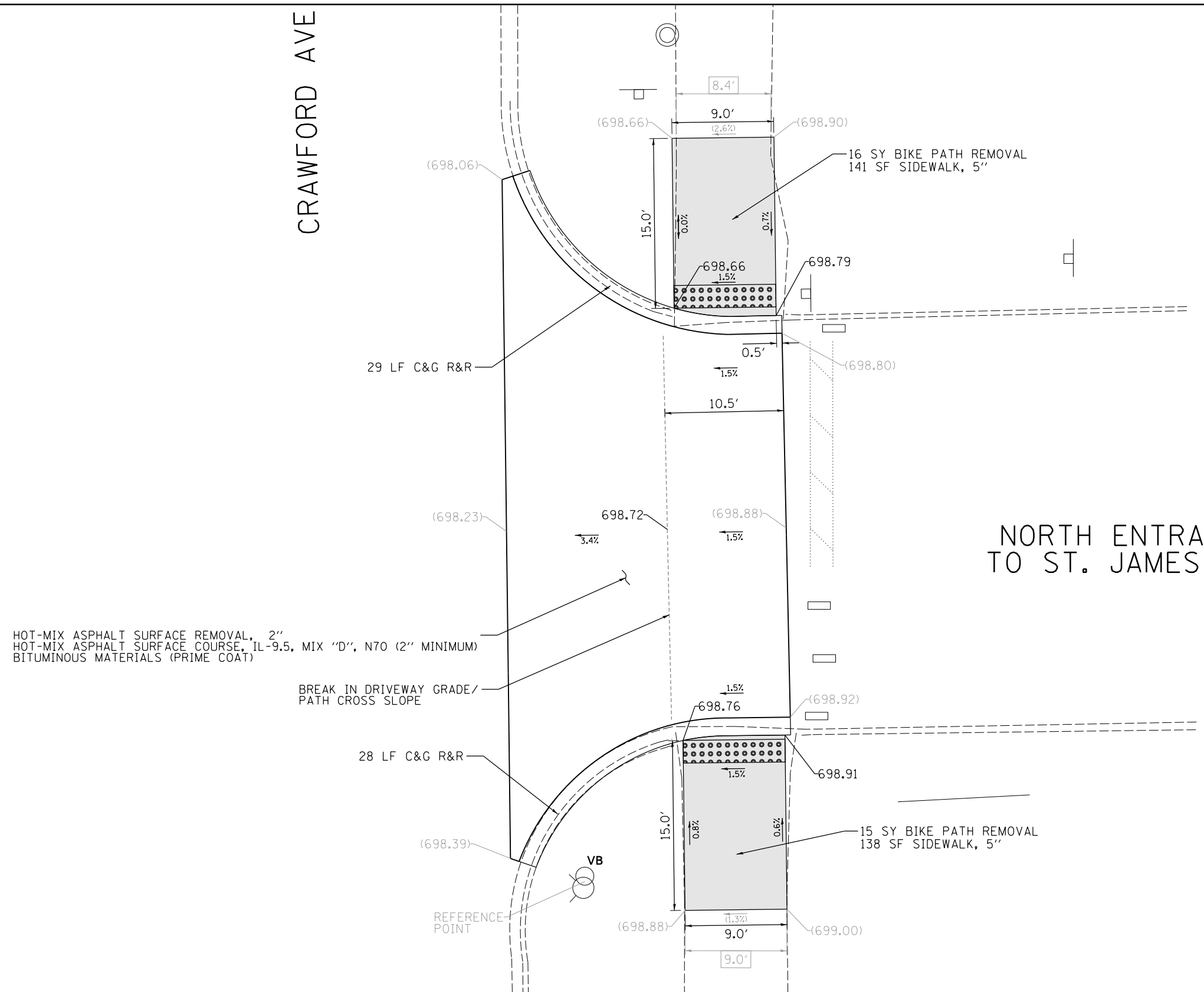
**SIDEWALK RAMP DETAILS
 60284 | CRAWFORD AVE & LINDENWOOD DR (NW & SW)
 OLYMPIA FIELDS**

SCALE: 1" = 10' SHEET NO. 18 OF 51 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-020-SW	COOK	67	26
CONTRACT NO. 62K90			PLN-18	
ILLINOIS FED. AID PROJECT				



CRAWFORD AVE



NORTH ENTRANCE/EXIT
TO ST. JAMES HOSPITAL

HOT-MIX ASPHALT SURFACE REMOVAL, 2"
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 (2" MINIMUM)
BITUMINOUS MATERIALS (PRIME COAT)

BREAK IN DRIVEWAY GRADE/
PATH CROSS SLOPE

15 SY BIKE PATH REMOVAL
138 SF SIDEWALK, 5"

DESIGNED ES 5/7/2020
 DRAWN ES 5/7/2020
 REVIEWED DRM 5/8/2020
 FILE NAME: p:\a\hansonn\p\berkeley\contribution\01\Documents\14\Jobs\1400240\VD-BH\CAD\Road\Sheet\01E2K90-ash-plan-019.dgn

REFERENCE BENCHMARK ELEV 700.84
 BENCHMARK : NE BOLT OF FIRE HYDRANT IN SE CORNER
 LOCATION : 31 FT E OF PULASKI RD

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

DESIGNED ES 5/7/2020
 DRAWN ES 5/7/2020
 REVIEWED DRM 5/8/2020

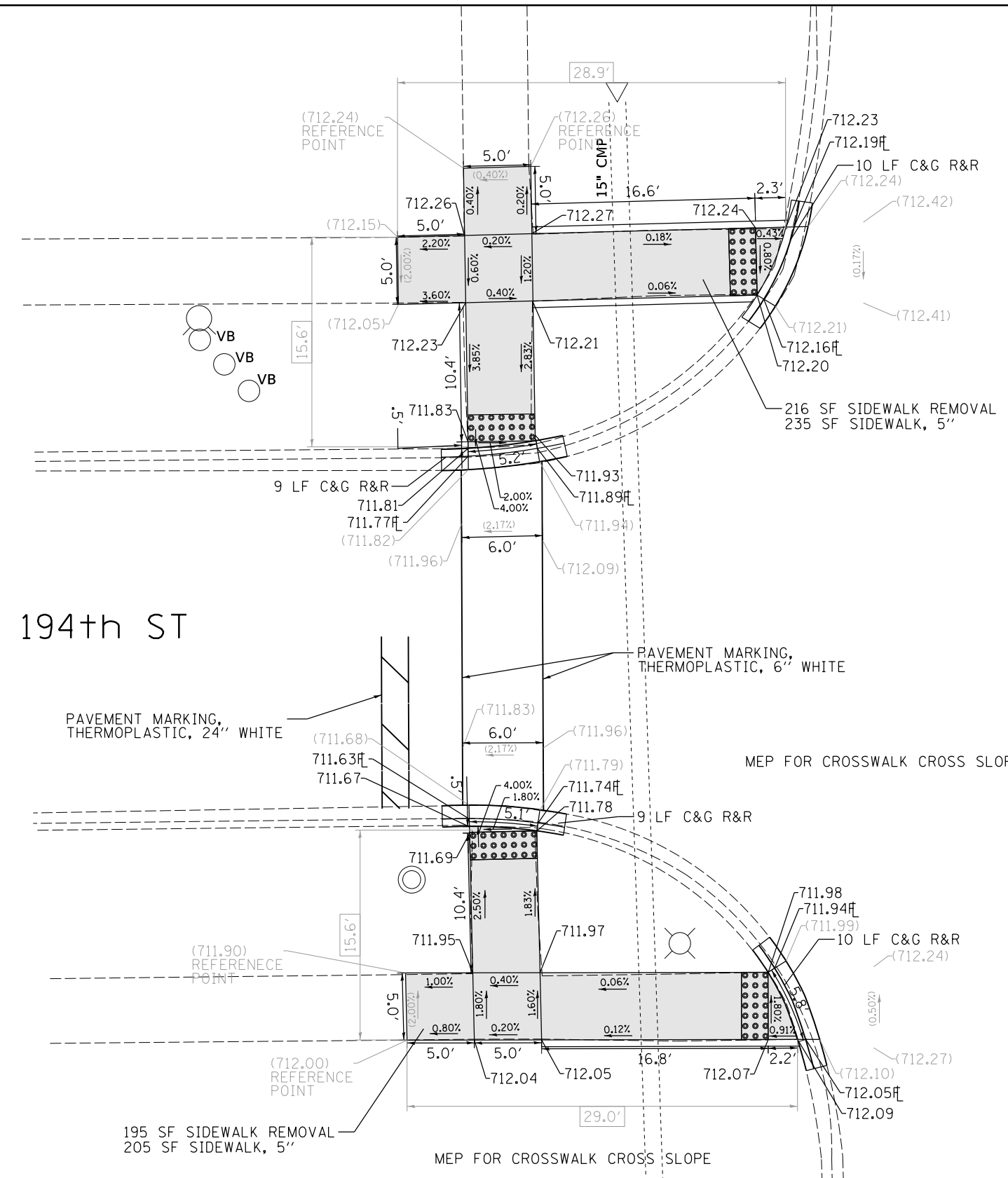
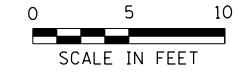
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PLOT DATE = 5/12/2020	DATE - 5/12/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS
60275 | PULASKI RD & NORTH ENTR/EXIT TO ST. JAMES HOSP. (NE&SE)
OLYMPIA FIELDS
 SCALE: 1" = 10' SHEET NO. 19 OF 51 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-020-SW	COOK	67	27
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62K90	

PLN-19



194th ST

PULASKI RD.

REFERENCE BENCHMARK ELEV 713.34
 BENCHMARK : NW BOLT OF FIRE HYDRANT IN NW CORNER
 LOCATION : 24 FT N OF 194TH ST

LEGEND

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

DESIGNED ES 5/7/2020
 DRAWN ES 5/7/2020
 REVIEWED DRM 5/8/2020

FILE NAME: P:\a\hanscom\p\hanscom\p\01\Documents\14\Jobs\14100248\10-BH-CAD\Road\Sheet\01\2K99-ash-plm-028.dgn

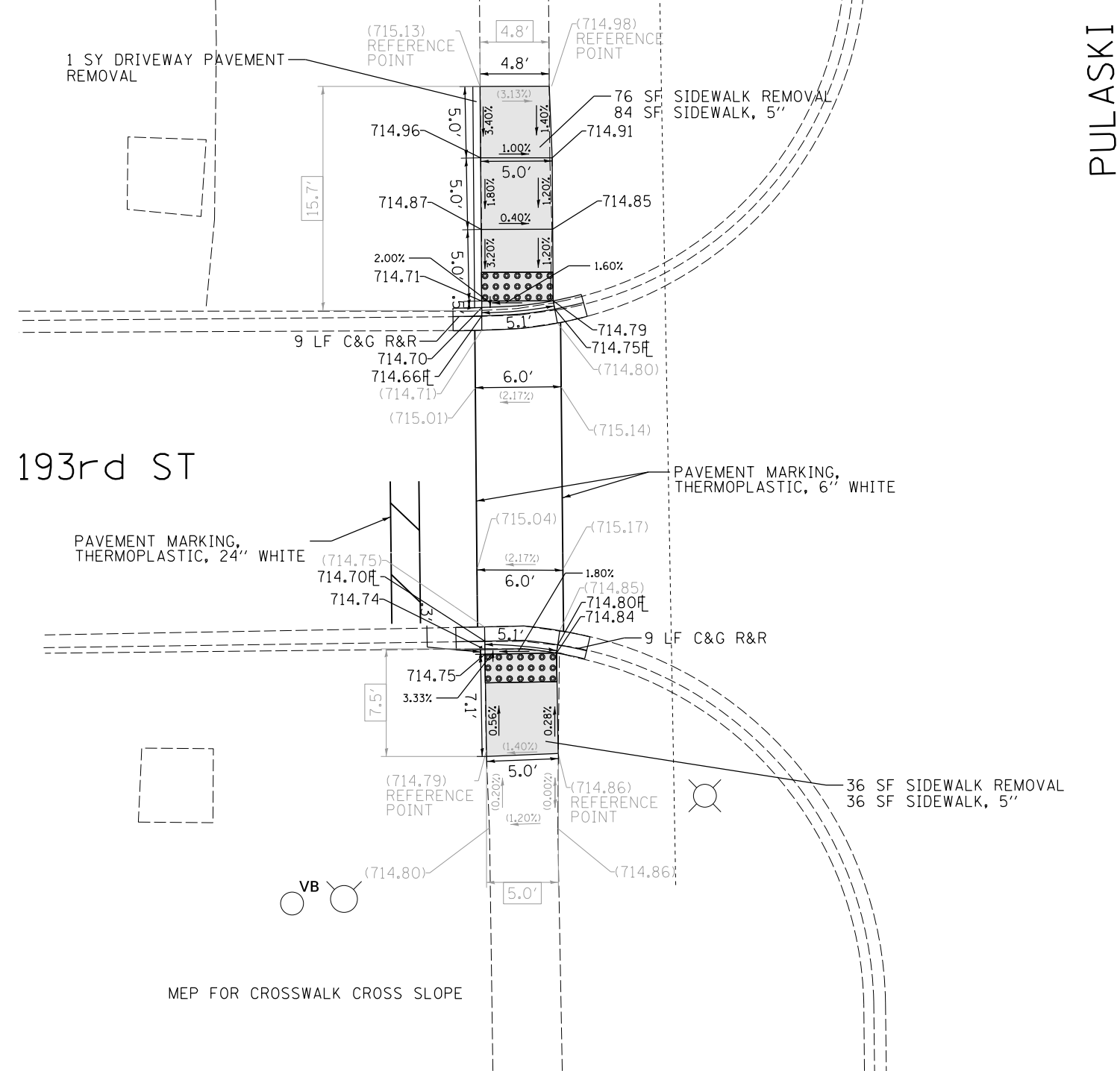
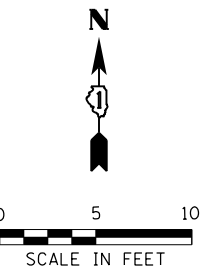
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	DRAWN - ES	REVISED -
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PLOT DATE = 5/12/2020	DATE - 5/12/2020	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS
 60270 | PULASKI RD & 194TH ST (NW & SW)
 COUNTRY CLUB HILLS

SCALE: 1" = 10' SHEET NO. 20 OF 51 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-020-SW	COOK	67	28
CONTRACT NO. 62K90			PLN-20	
ILLINOIS FED. AID PROJECT				



DESIGNED ES 5/7/2020
 DRAWN ES 5/7/2020
 REVIEWED DRM 5/8/2020
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REFERENCE BENCHMARK ELEV 716.1
 BENCHMARK : SE BOLT OF FIRE HYDRANT IN SW CORNER
 LOCATION : 29 FT S OF 193RD ST

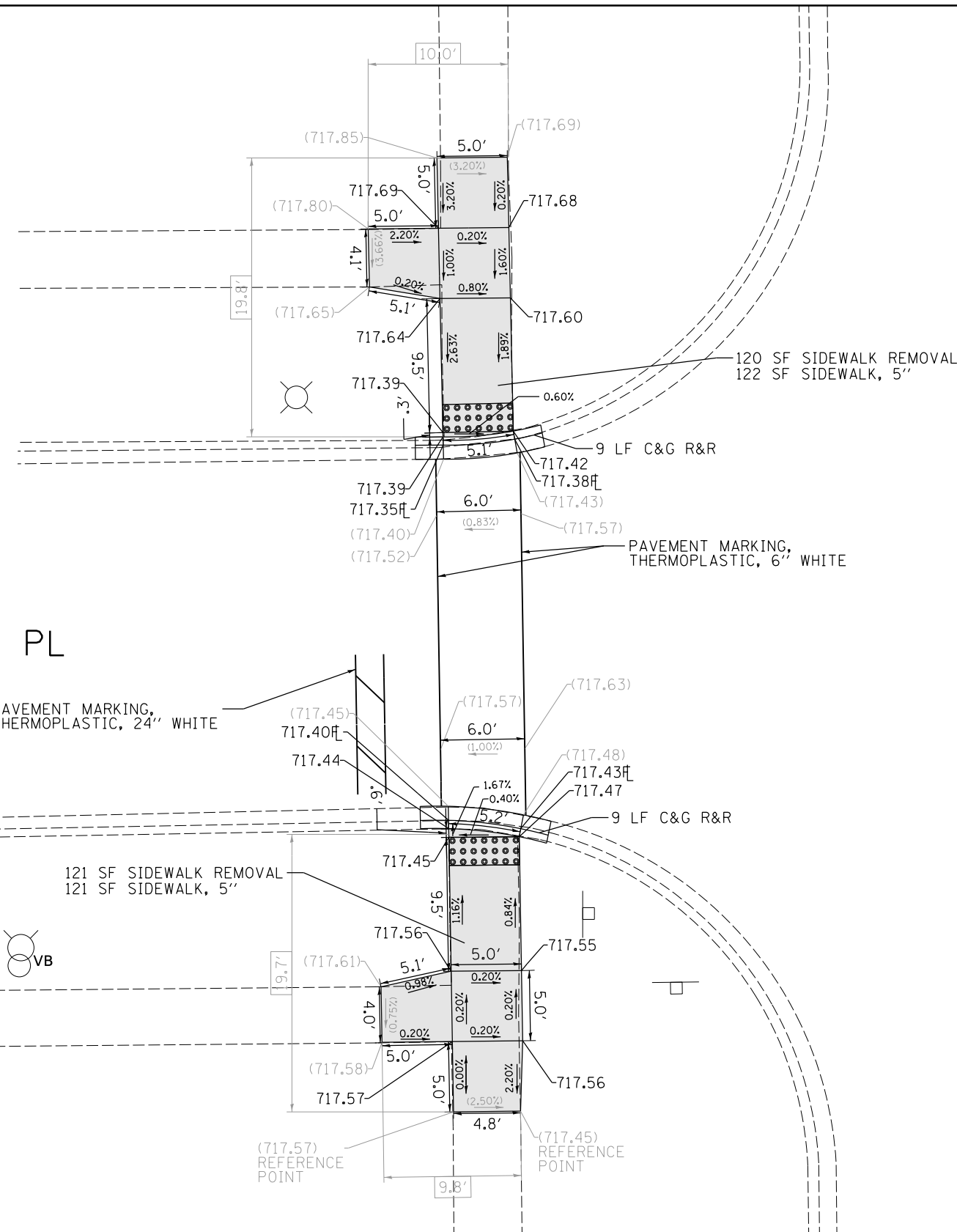
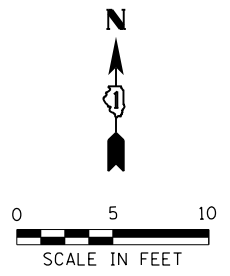
LEGEND	
xx.xx'	EXISTING LENGTH
==	PROPOSED SIDE CURB
()	EXISTING ELEVATION/SLOPE
	PROPOSED SIDEWALK
	DETECTABLE WARNINGS
	SIDEWALK REMOVAL REPLACE W/TOPSOIL & SOD

USER NAME = 1a101982	DESIGNED - ES	REVISED -
	DRAWN - ES	REVISED -
PLOT SCALE = 10.0000' / 1"	CHECKED - DRM	REVISED -
PLOT DATE = 5/12/2020	DATE - 5/12/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS
60268 | PULASKI RD & 193RD ST (NW & SW)
COUNTRY CLUB HILLS
 SCALE: 1" = 10' SHEET NO. 21 OF 51 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-020-SW	COOK	67	29
CONTRACT NO. 62K90			PLN-21	
ILLINOIS FED. AID PROJECT				



PULASKI RD.

192nd PL

REFERENCE BENCHMARK ELEV 718.69
 BENCHMARK : SW BOLT OF FIRE HYDRANT IN SW CORNER
 LOCATION : 232 FT S OF 192ND PL

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

DESIGNED ES 5/7/2020
 DRAWN ES 5/7/2020
 REVIEWED DRM 5/8/2020

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PLOT DATE = 5/12/2020	DATE - 5/12/2020	REVISED -

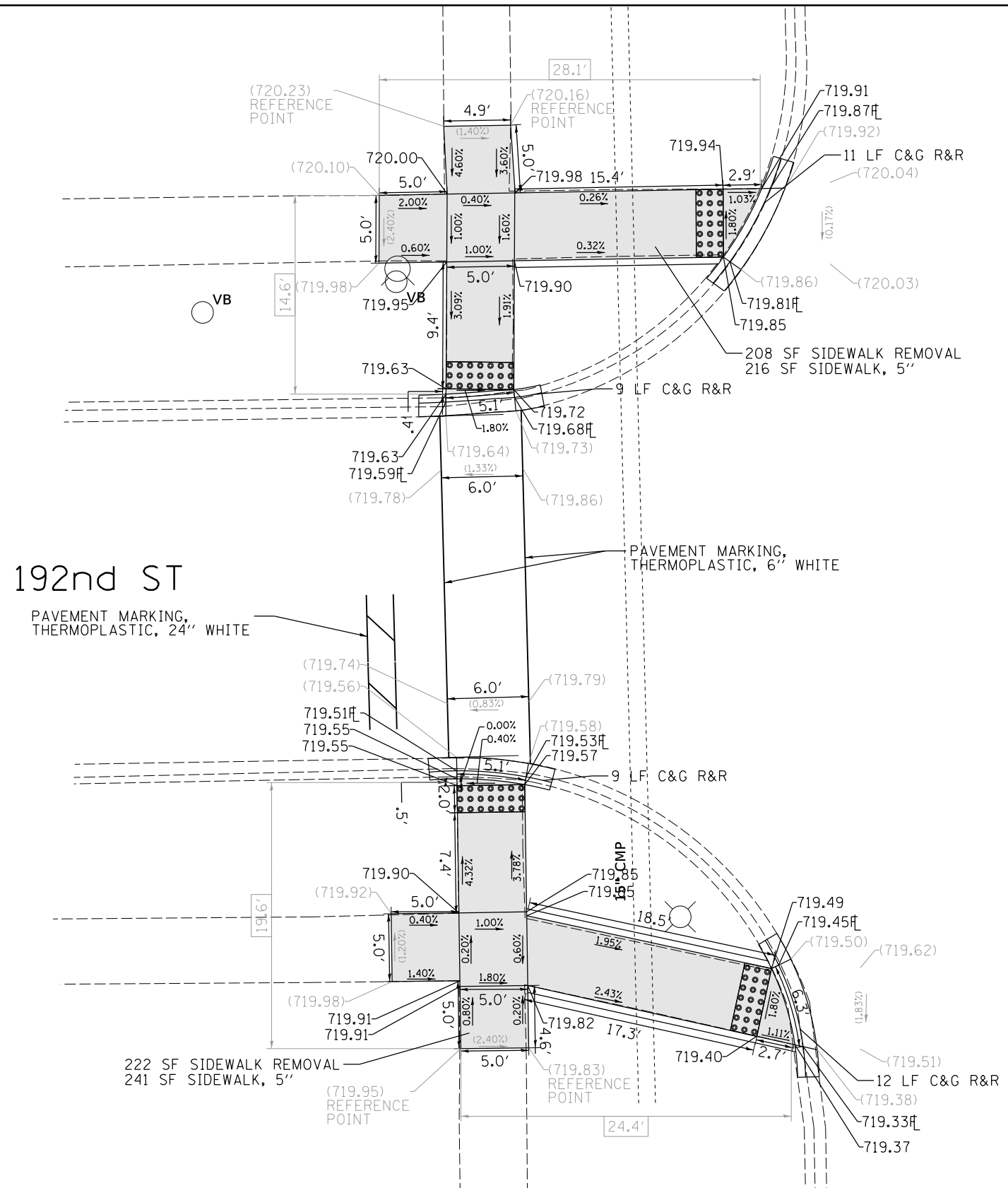
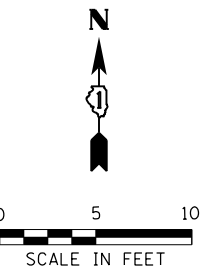
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS
 60267 | PULASKI RD & 192ND PL (NW & SW)
 COUNTRY CLUB HILLS

SCALE: 1" = 10' SHEET NO. 22 OF 51 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-020-SW	COOK	67	30
			CONTRACT NO. 62K90	
ILLINOIS FED. AID PROJECT				

PLN-22



PULASKI RD.

192nd ST

PAVEMENT MARKING, THERMOPLASTIC, 24" WHITE

PAVEMENT MARKING, THERMOPLASTIC, 6" WHITE

222 SF SIDEWALK REMOVAL
241 SF SIDEWALK, 5"

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

REFERENCE BENCHMARK ELEV 721.23
BENCHMARK : NW BOLT OF FIRE HYDRANT IN NW CORNER
LOCATION : 24 FT N OF 192ND ST

USER NAME = 1a101982	DESIGNED - ES	REVISED -
	DRAWN - ES	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - DRM	REVISED -
PLOT DATE = 5/12/2020	DATE - 5/12/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS
60266 | PULASKI RD & 192ND ST (NW & SW)
COUNTRY CLUB HILLS

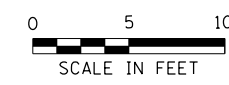
SCALE: 1" = 10' SHEET NO. 23 OF 51 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2020-020-SW	COOK	67	31
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62K90	

DESIGNED ES 5/7/2020
DRAWN ES 5/7/2020
REVIEWED DRM 5/8/2020

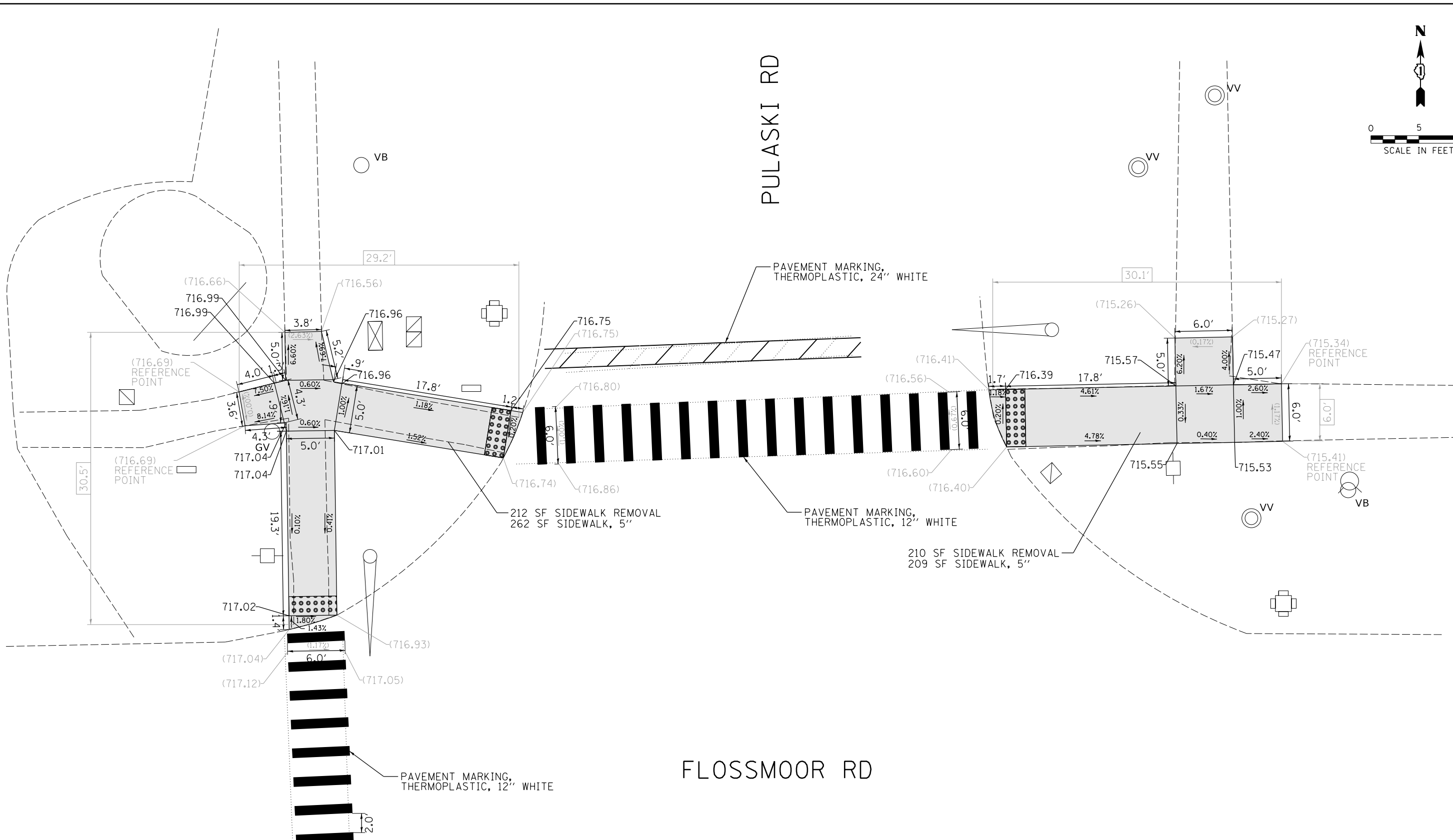
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PLN-23



PULASKI RD

FLOSSMOOR RD



REFERENCE BENCHMARK ELEV 717.21
BENCHMARK : NW BOLT OF FIRE HYDRANT IN NE CORNER
LOCATION : 38 FT N OF FLOSSMOOR RD

LEGEND

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

DESIGNED ES 5/7/2020
 DRAWN ES 5/7/2020
 REVIEWED DRM 5/8/2020

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	DRAWN - ES	REVISED -
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PLOT DATE = 5/12/2020	DATE = 5/12/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

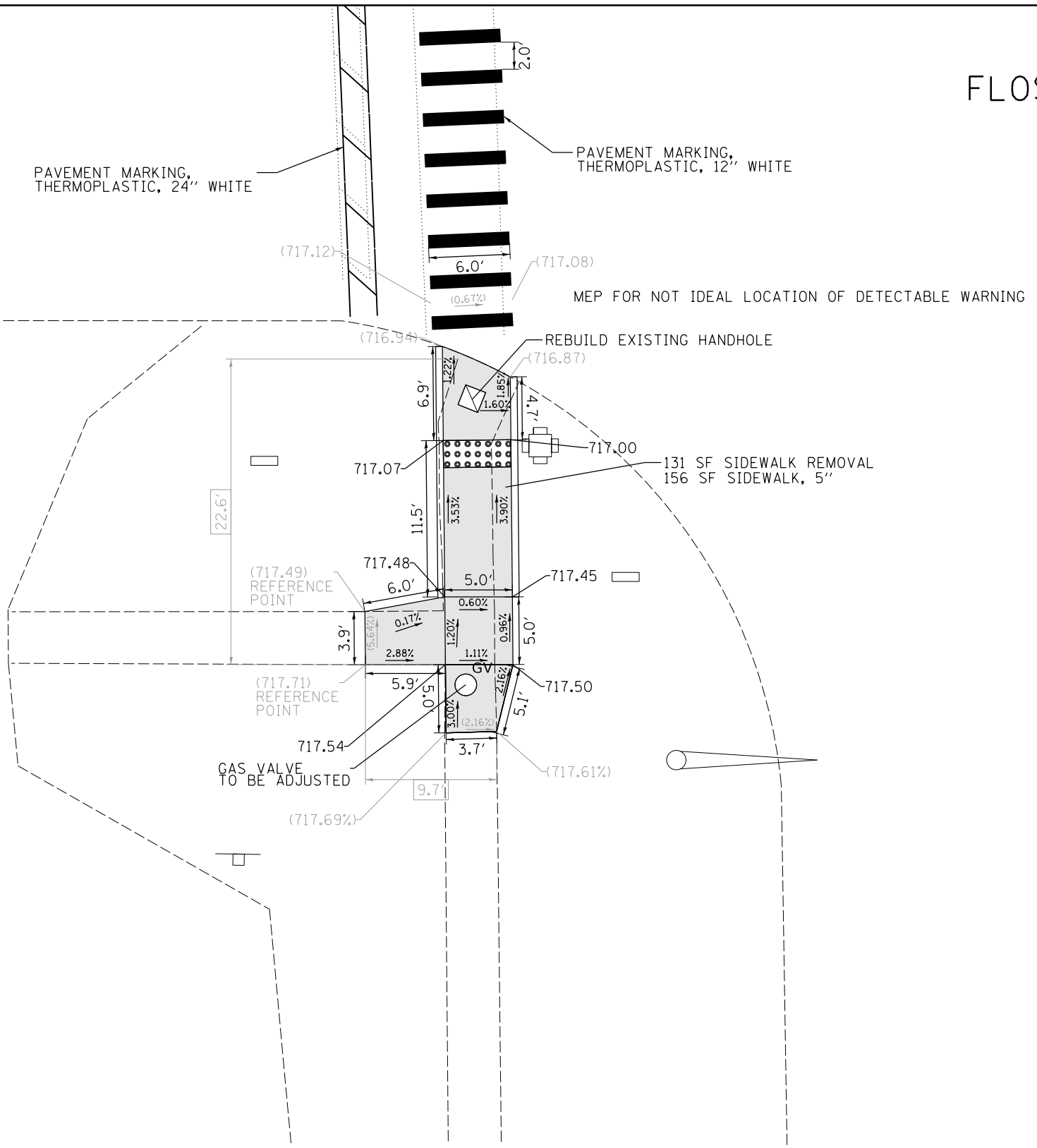
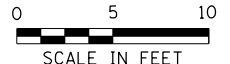
SIDEWALK RAMP DETAILS
64000 | PULASKI RD & FLOSSMOOR RD (NW & NE)
COUNTRY CLUB HILLS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-020-SW	COOK	67	32
CONTRACT NO. 62K90			ILLINOIS FED. AID PROJECT	

SCALE: 1" = 10' SHEET NO. 24 OF 51 SHEETS STA. TO STA.

PLN-24

FLOSSMOOR RD



PULASKI RD

REFERENCE BENCHMARK ELEV 717.21
 BENCHMARK : NW BOLT OF FIRE HYDRANT IN NE CORNER
 LOCATION : 38 FT N OF FLOSSMOOR RD

LEGEND

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

DESIGNED ES 5/7/2020
 DRAWN ES 5/7/2020
 REVIEWED DRM 5/8/2020

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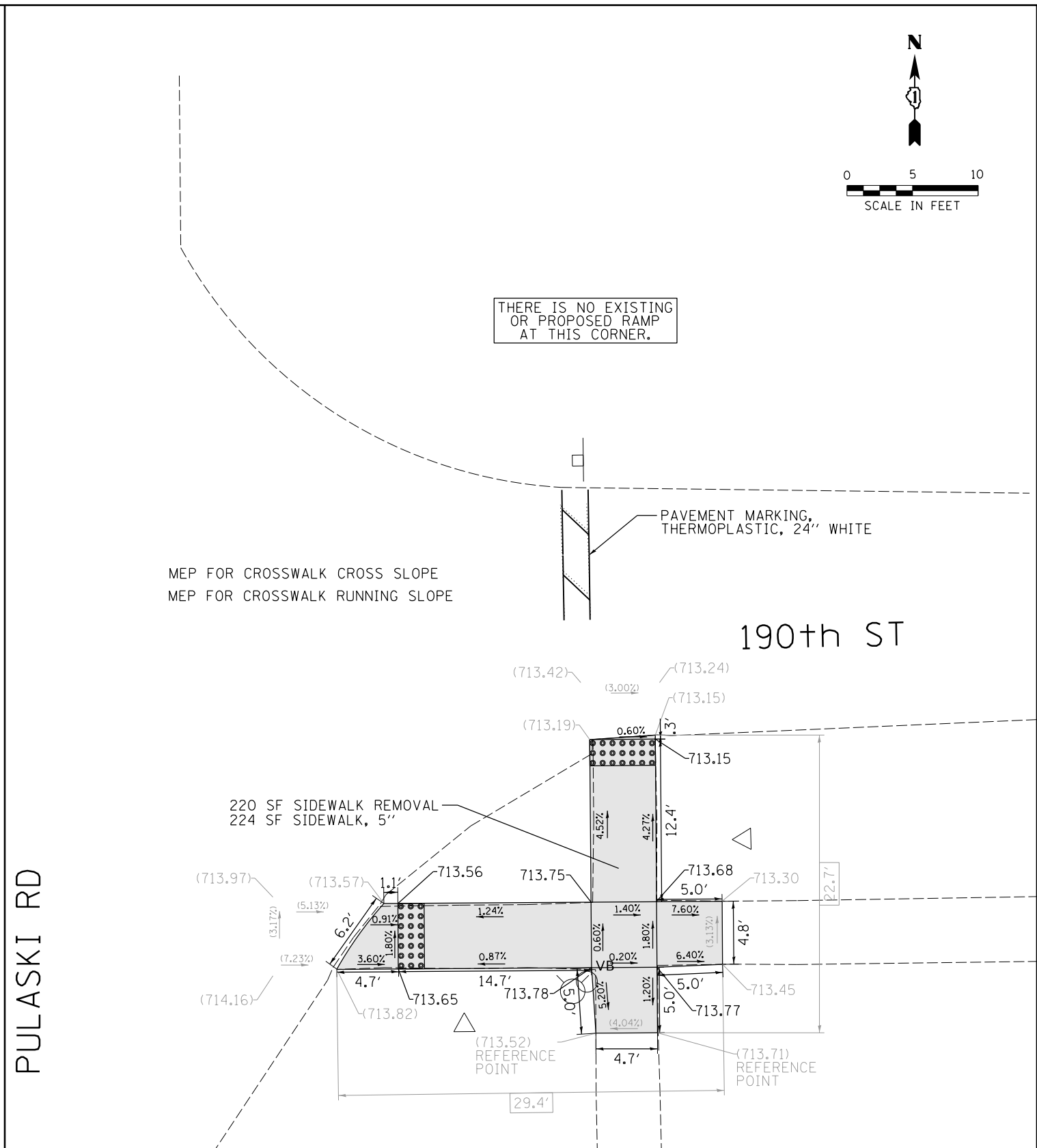
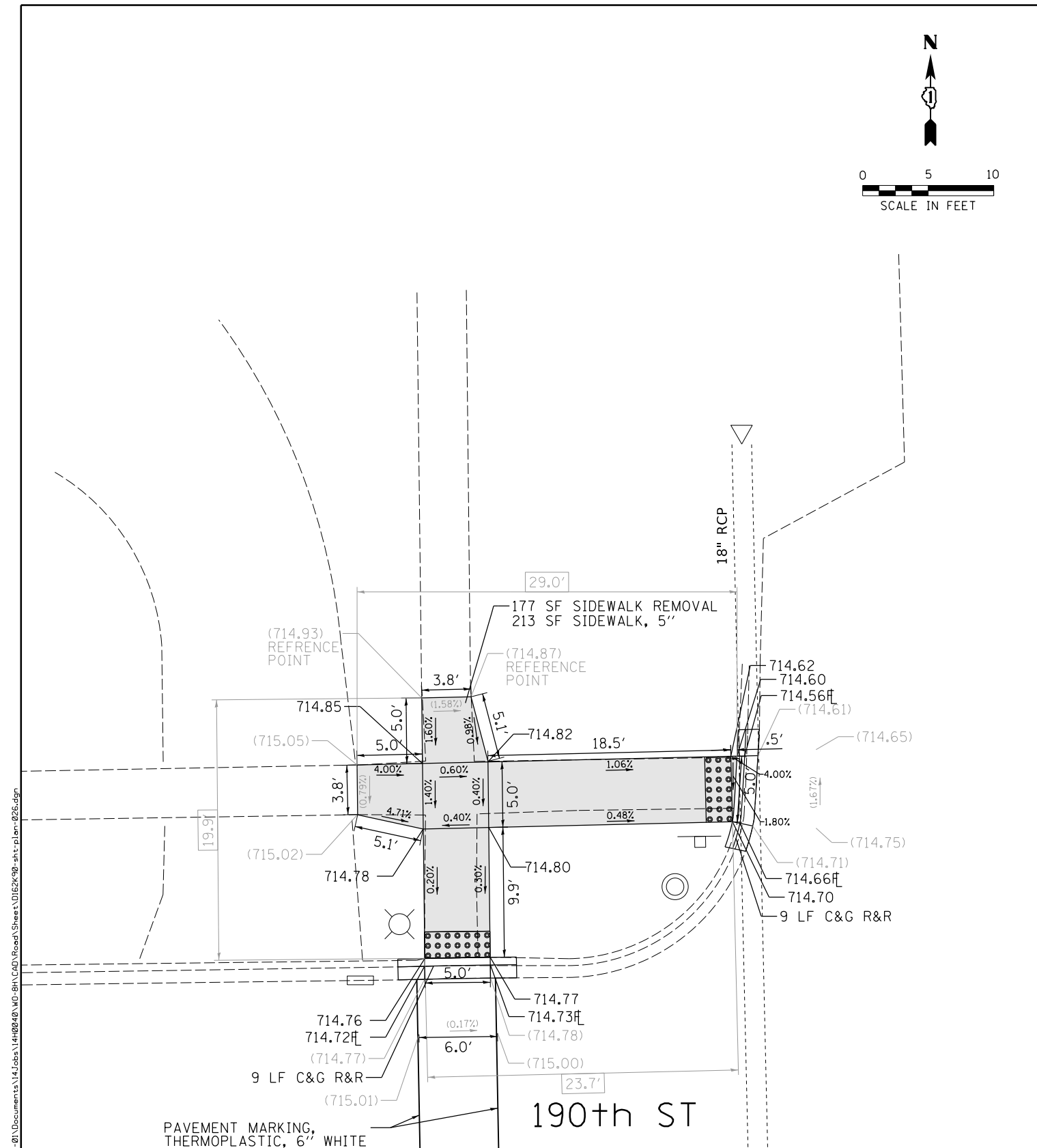
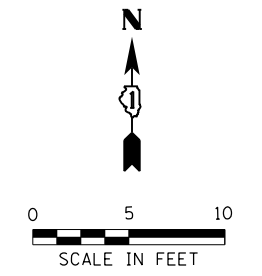
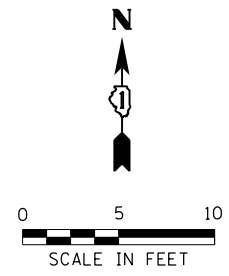
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS
64000 | PULASKI RD & FLOSSMOOR RD (SW)
COUNTRY CLUB HILLS

SCALE: 1" = 10' SHEET NO. 25 OF 51 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-020-SW	COOK	67	33
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62K90	

PLN-25



DESIGNED ES 5/7/2020
 DRAWN ES 5/7/2020
 REVIEWED DRM 5/8/2020
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REFERENCE BENCHMARK ELEV 715.66
 BENCHMARK : NE BOLT OF FIRE HYDRANT IN SE CORNER
 LOCATION : 28 FT S OF 190TH ST

LEGEND

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

REFERENCE BENCHMARK ELEV 715.66
 BENCHMARK : NE BOLT OF FIRE HYDRANT IN SE CORNER
 LOCATION : 28 FT S OF 190TH ST

DESIGNED ES 5/7/2020
 DRAWN ES 5/7/2020
 REVIEWED DRM 5/8/2020

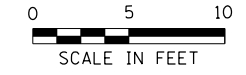
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PLOT DATE = 5/12/2020	DATE - 5/12/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS
60265 | PULASKI RD & 190TH ST (NW & SE)
COUNTRY CLUB HILLS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-020-SW	COOK	67	34
CONTRACT NO. 62K90				
ILLINOIS FED. AID PROJECT				

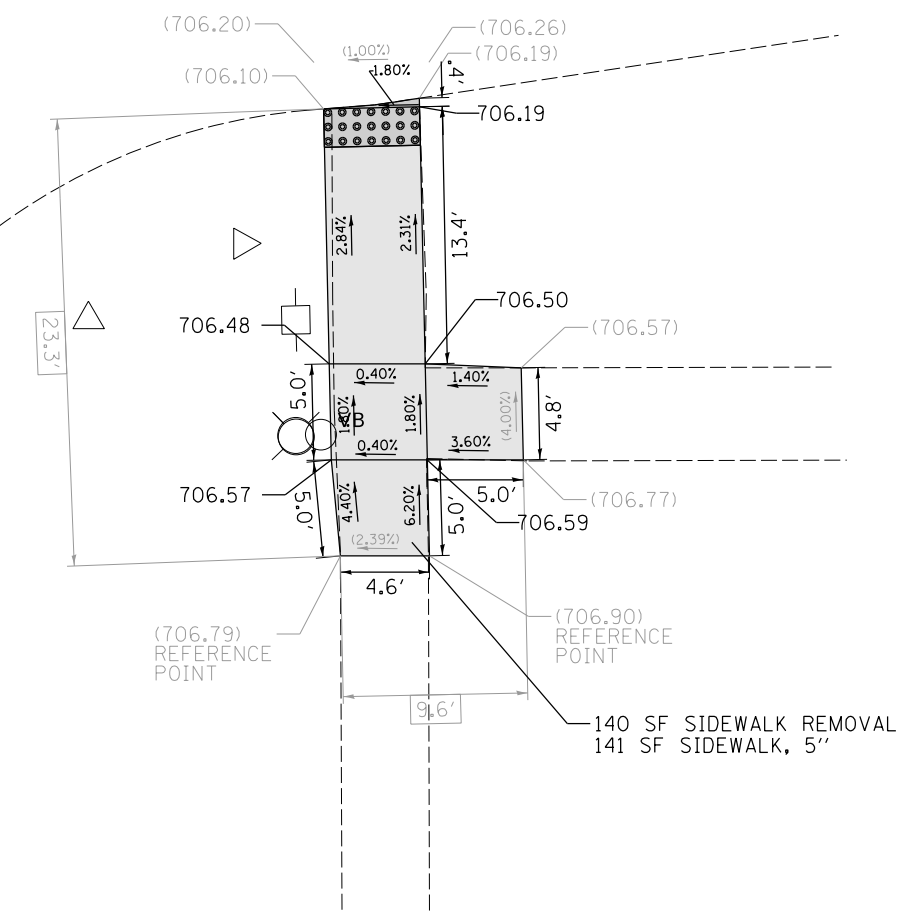
PLN-26



189th ST

PAVEMENT MARKING,
THERMOPLASTIC, 24" WHITE

CRAWFORD AVE



REFERENCE BENCHMARK ELEV 709.57
BENCHMARK : SE BOLT OF FIRE HYDRANT IN SW CORNER
LOCATION : 26 FT S OF 189TH ST

LEGEND

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

DESIGNED ES 5/7/2020
DRAWN ES 5/7/2020
REVIEWED DRM 5/8/2020

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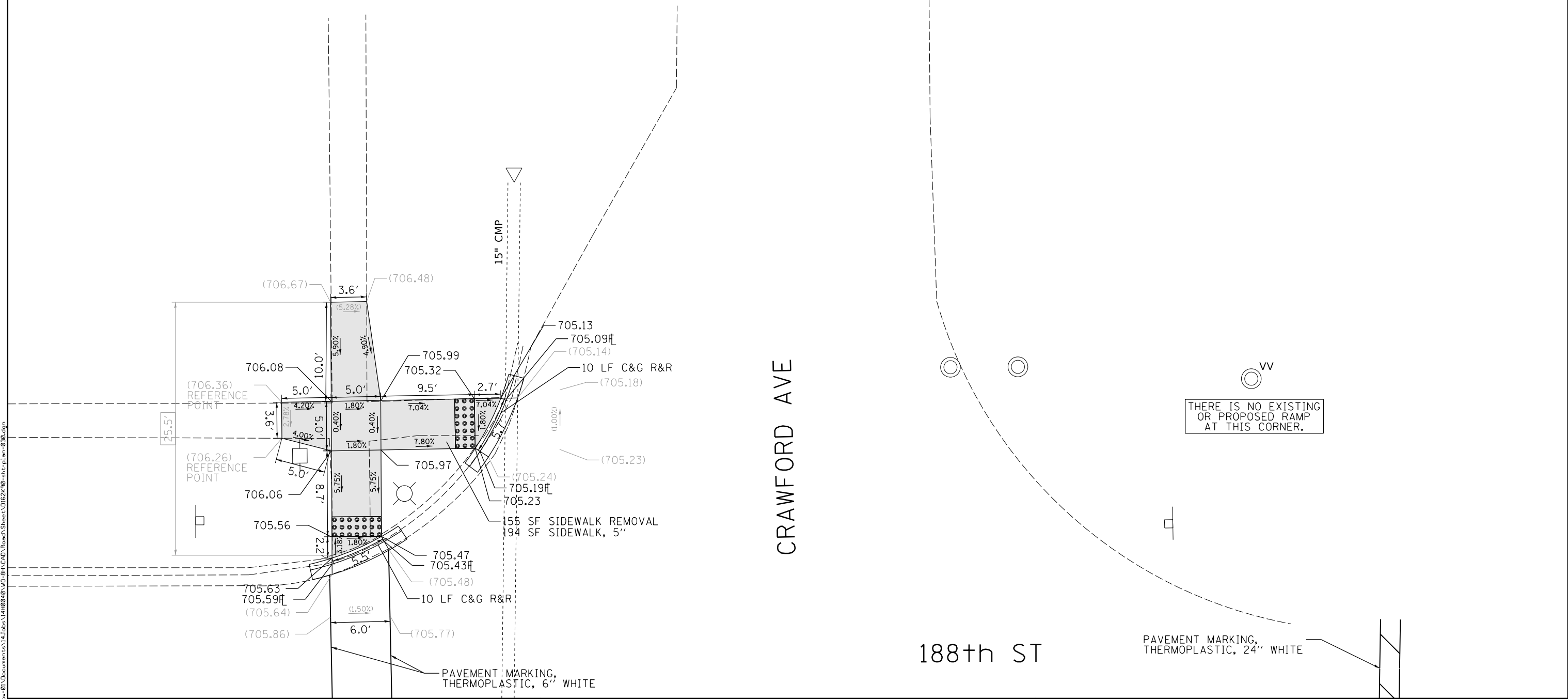
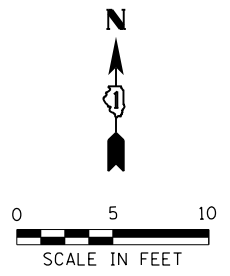
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	DRAWN - ES	REVISED -
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PLOT DATE = 5/12/2020	DATE - 5/12/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS
60263 | CRAWFORD AVE & 189TH ST (SE)
COUNTRY CLUB HILLS

SCALE: 1" = 10' SHEET NO. 29 OF 51 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-020-SW	COOK	67	37
CONTRACT NO. 62K90			PLN-29	
ILLINOIS FED. AID PROJECT				



REFERENCE BENCHMARK ELEV 705.07
 BENCHMARK : SE BOLT OF FIRE HYDRANT IN SE CORNER
 LOCATION : 37 FT S OF 188TH ST

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

DESIGNED ES 5/7/2020
 DRAWN ES 5/7/2020
 REVIEWED DRM 5/8/2020

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	DRAWN - ES	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - DRM	REVISED -
PLOT DATE = 5/12/2020	DATE - 5/12/2020	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

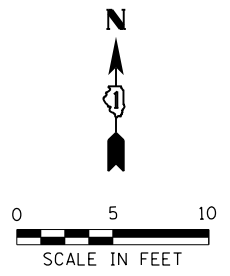
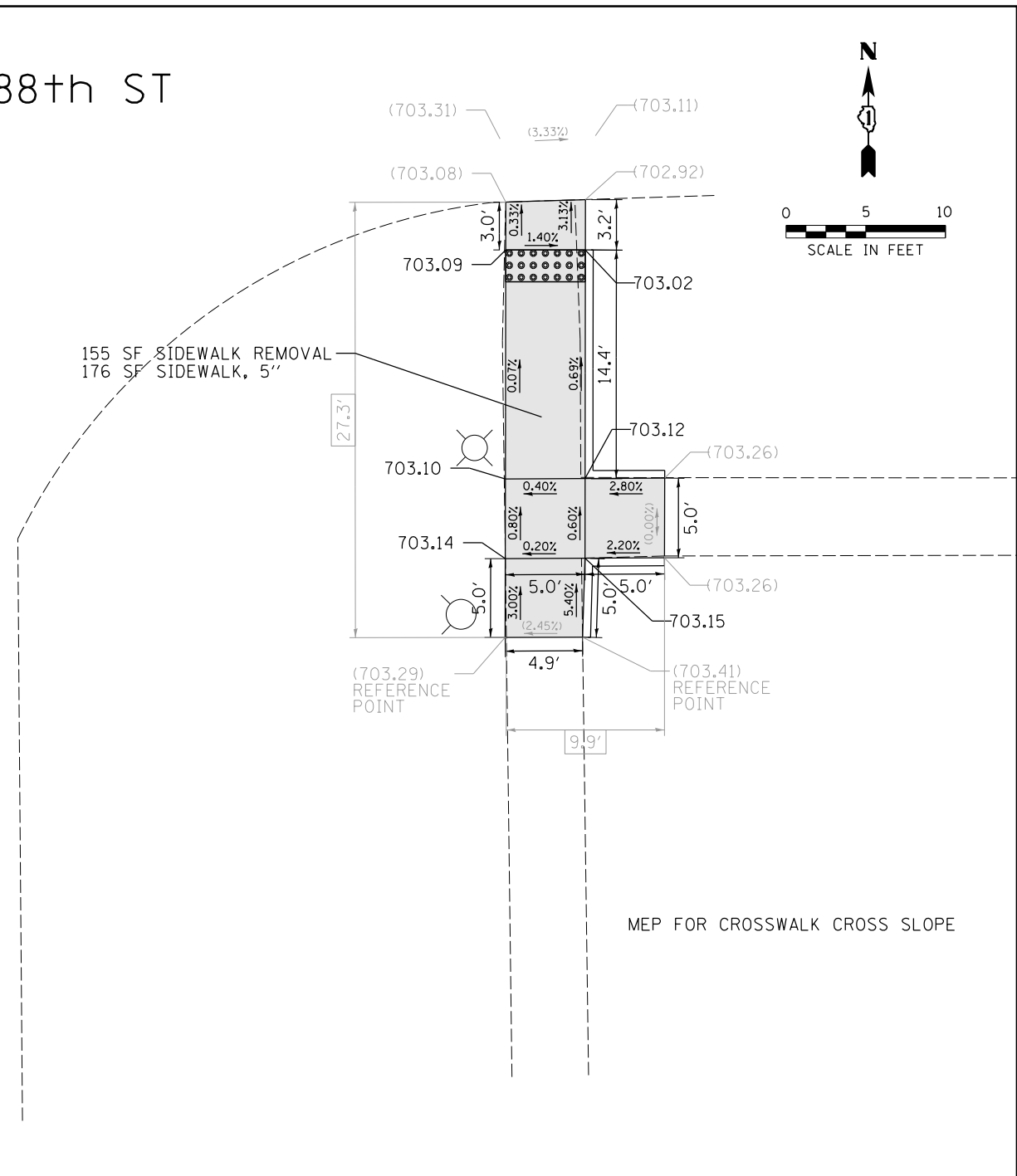
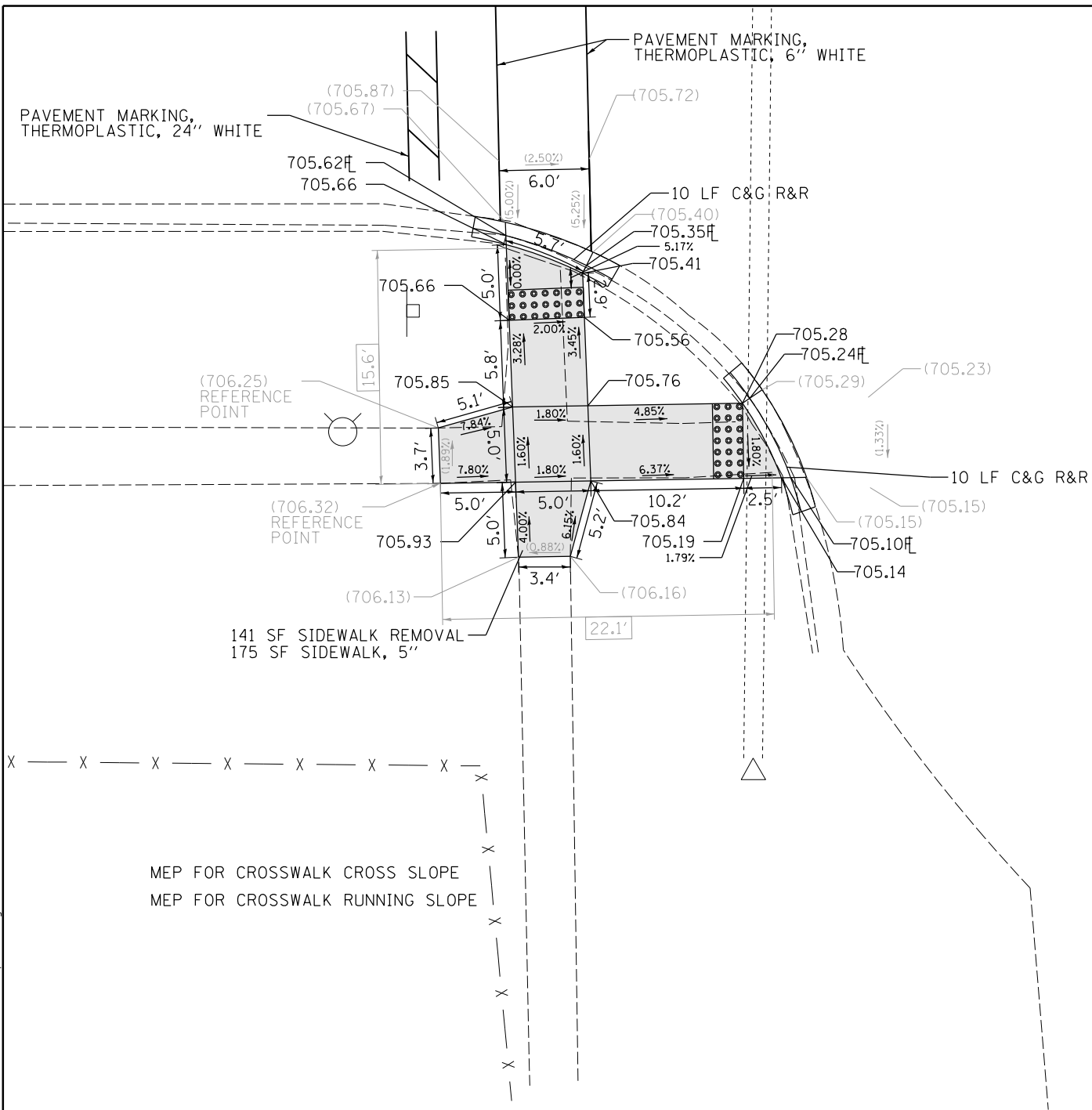
SIDEWALK RAMP DETAILS
 60262 | CRAWFORD AVE & 188TH ST (NW & NE)
 COUNTRY CLUB HILLS

SCALE: 1" = 10' SHEET NO. 30 OF 51 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-020-SW	COOK	67	38
CONTRACT NO. 62K90			PLN-30	
ILLINOIS FED. AID PROJECT				

CRAWFORD AVE

188th ST



MEP FOR CROSSWALK CROSS SLOPE
MEP FOR CROSSWALK RUNNING SLOPE

MEP FOR CROSSWALK CROSS SLOPE

DESIGNED ES 5/7/2020
 DRAWN ES 5/7/2020
 REVIEWED DRM 5/8/2020
 FILE NAME: p:\a\hansource\mkbent1\proj\contribution\01\Documents\14\Jobs\1400240\MD-BH-CAD\Road\Sheet\01\62K90_sht.pln-031.dgn

REFERENCE BENCHMARK ELEV 705.07
 BENCHMARK : SE BOLT OF FIRE HYDRANT IN SE CORNER
 LOCATION : 37 FT S OF 188TH ST

LEGEND

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

USER NAME = 1a101982	DESIGNED - ES	REVISED -	
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PLOT DATE = 5/12/2020	DATE - 5/12/2020	REVISED -	

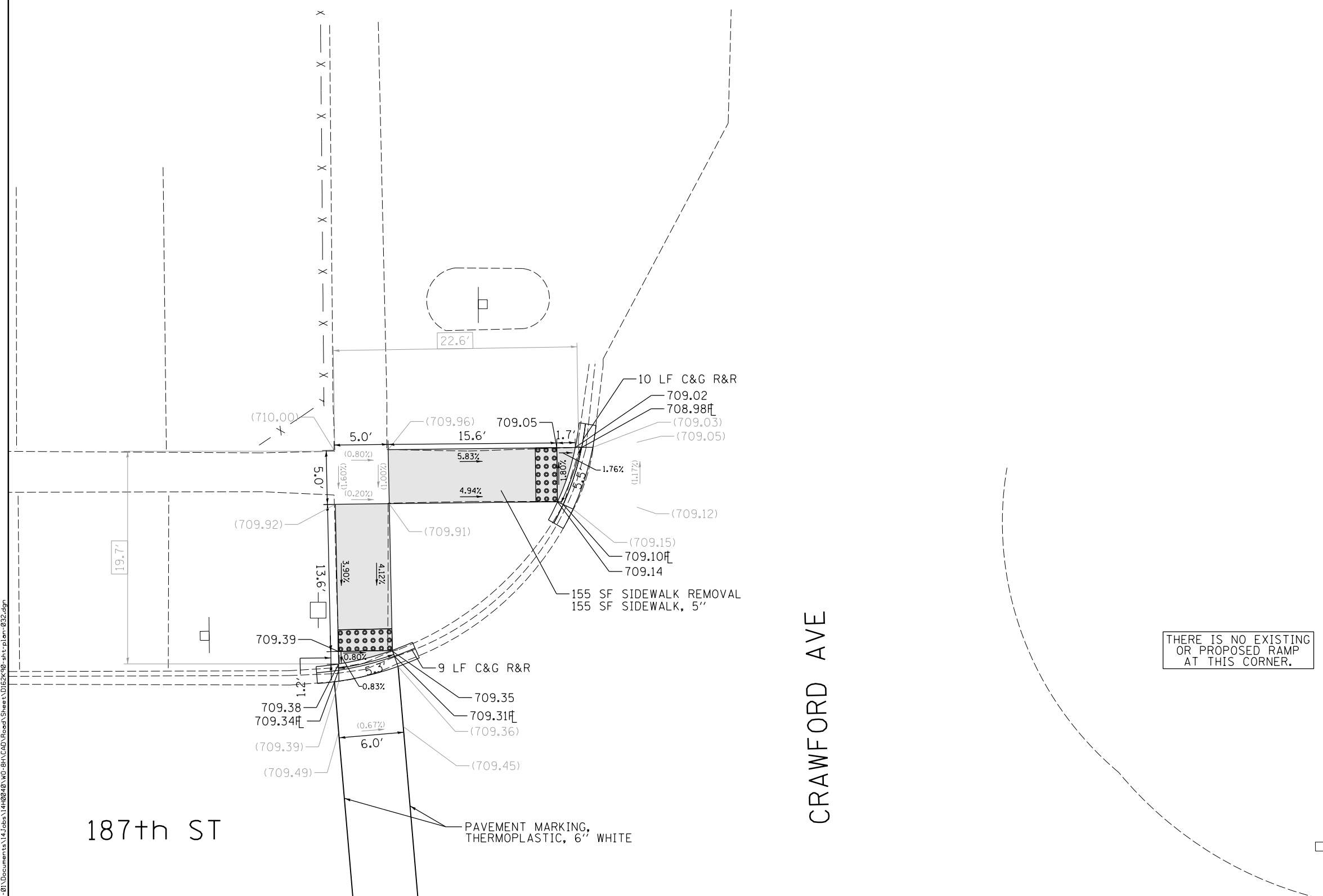
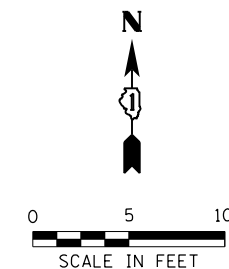
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS
60262 | CRAWFORD AVE & 188TH ST (SW & SE)
COUNTRY CLUB HILLS**

SCALE: 1" = 10' SHEET NO. 31 OF 51 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-020-SW	COOK	67	39
CONTRACT NO. 62K90				
ILLINOIS FED. AID PROJECT				

PLN-31



REFERENCE BENCHMARK ELEV 710.14
 BENCHMARK : SE BOLT OF FIRE HYDRANT IN SE CORNER
 LOCATION : 27 FT S OF 187TH ST

LEGEND

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

DESIGNED ES 5/7/2020
 DRAWN ES 5/7/2020
 REVIEWED DRM 5/8/2020

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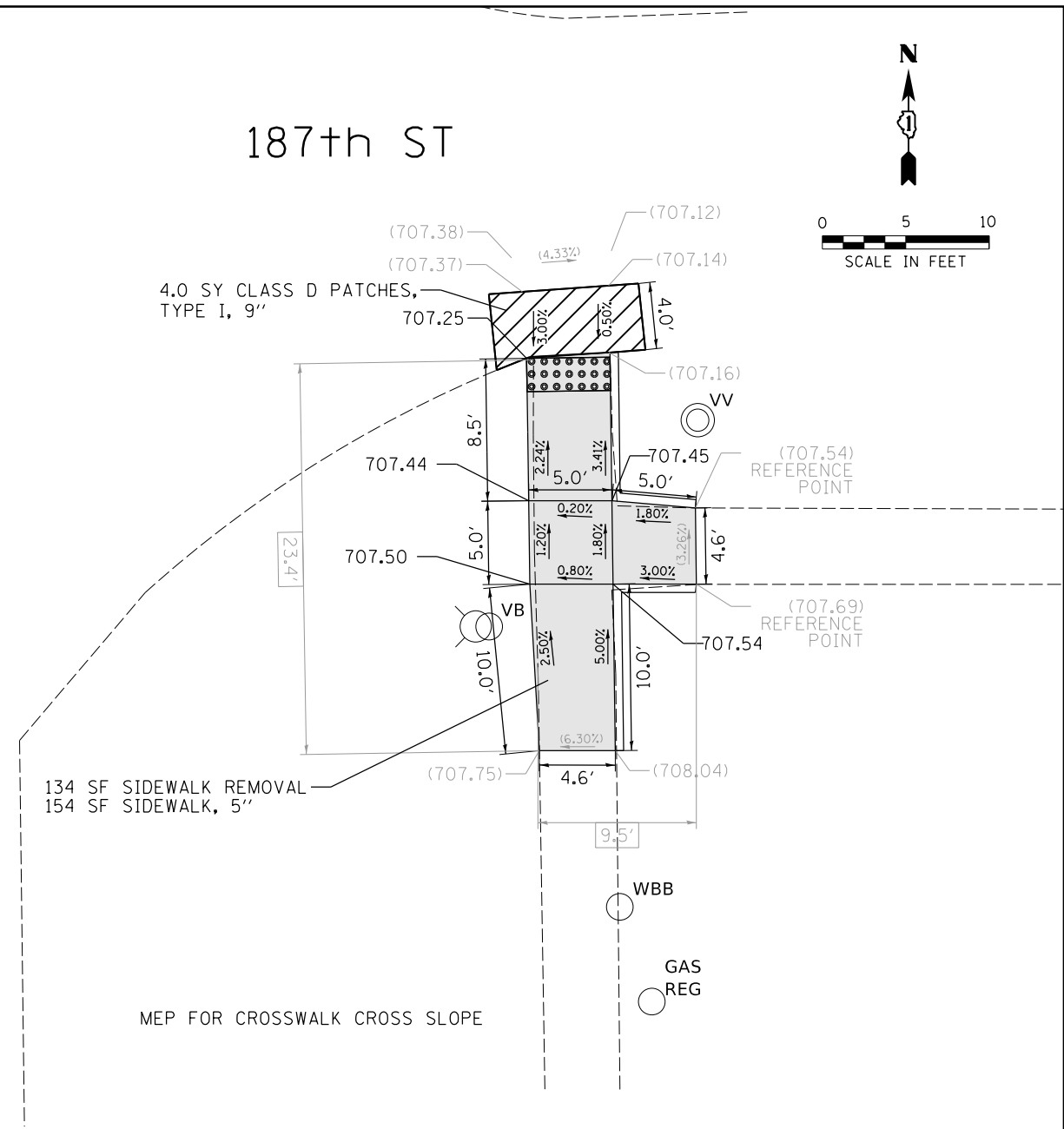
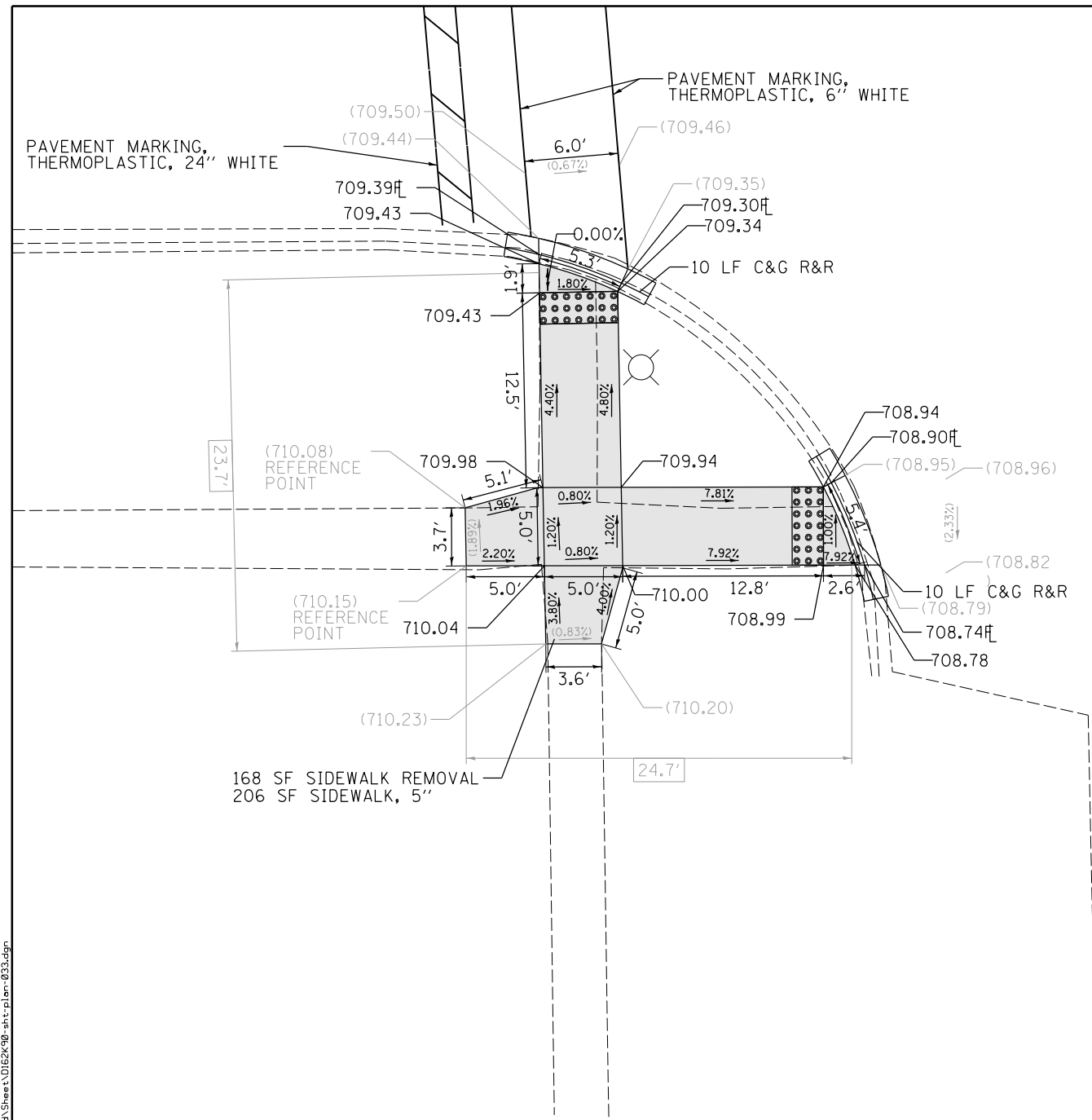
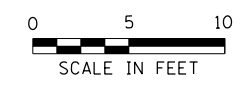
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PLOT DATE = 5/12/2020	DATE - 5/12/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS
 60261 | CRAWFORD AVE & 187TH ST (NW & NE)
 COUNTRY CLUB HILLS**

SCALE: 1" = 10' SHEET NO. 32 OF 51 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-020-SW	COOK	67	40
CONTRACT NO. 62K90			PLN-32	
ILLINOIS FED. AID PROJECT				



CRAWFORD AVE

187th ST

MEP FOR CROSSWALK CROSS SLOPE

DESIGNED ES 5/7/2020
DRAWN ES 5/7/2020
REVIEWED DRM 5/8/2020
FILE NAME: P:\a\hansource\mkbent\1\lay\companion\p\01\Documents\14\Jobs\14\0248\MO-BH\CAD\Road\Sheet\01\02K99.sht.plt:023.dgn

REFERENCE BENCHMARK ELEV 710.14
BENCHMARK : SE BOLT OF FIRE HYDRANT IN SE CORNER
LOCATION : 27 FT S OF 187TH ST

LEGEND

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

USER NAME = 1a101982	DESIGNED - ES	REVISED -	
	DRAWN - ES	REVISED -	
PLOT SCALE = 10.0000' / 1" =	CHECKED - DRM	REVISED -	
PLOT DATE = 5/12/2020	DATE - 5/12/2020	REVISED -	

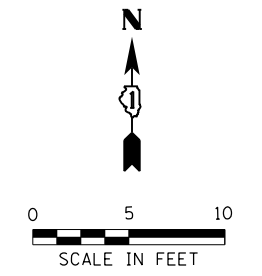
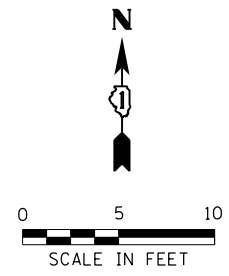
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS
60261 | CRAWFORD AVE & 187TH ST (SW & SE)
COUNTRY CLUB HILLS**

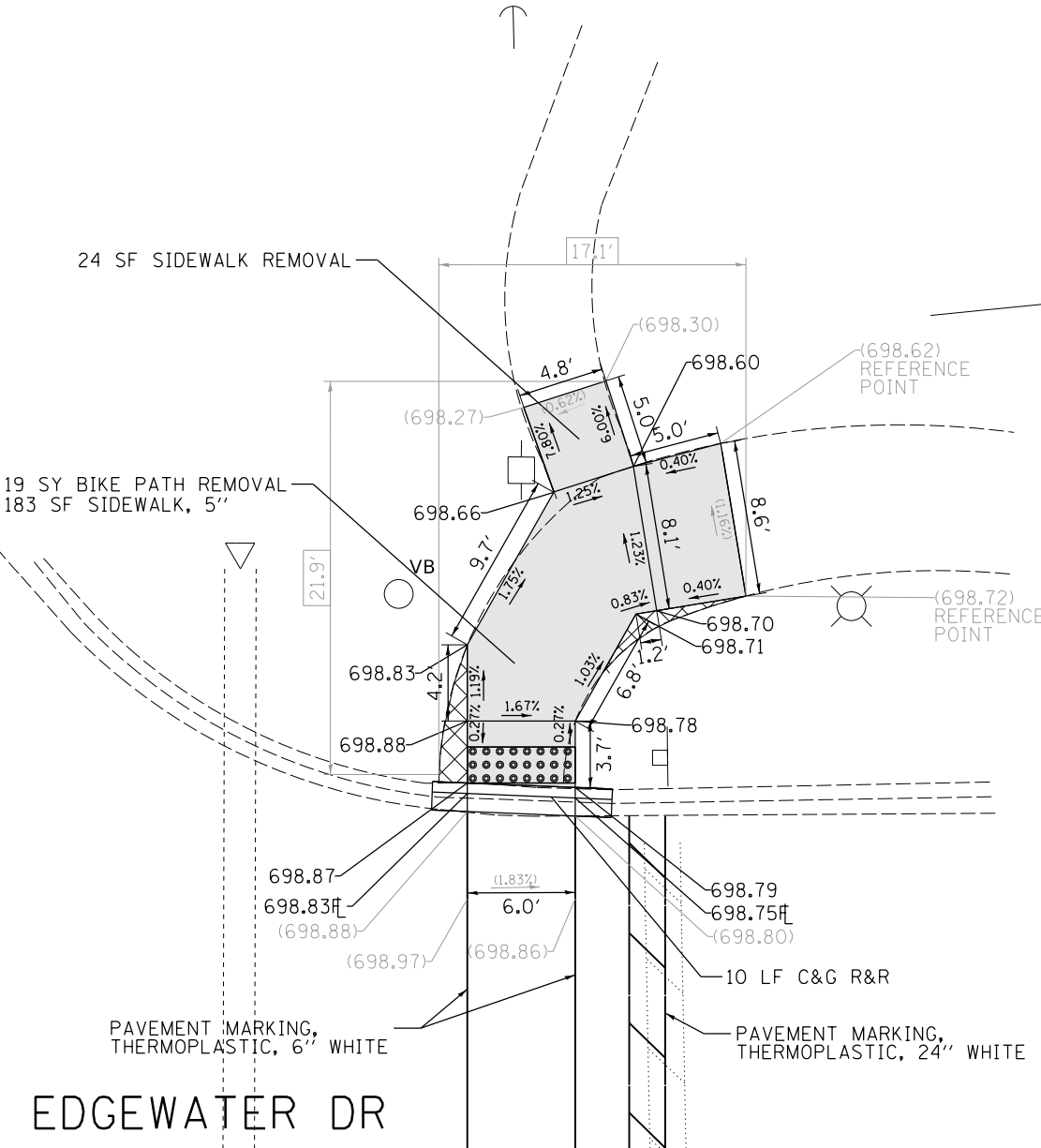
SCALE: 1" = 10' SHEET NO. 33 OF 51 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-020-SW	COOK	67	41
CONTRACT NO. 62K90				
ILLINOIS FED. AID PROJECT				

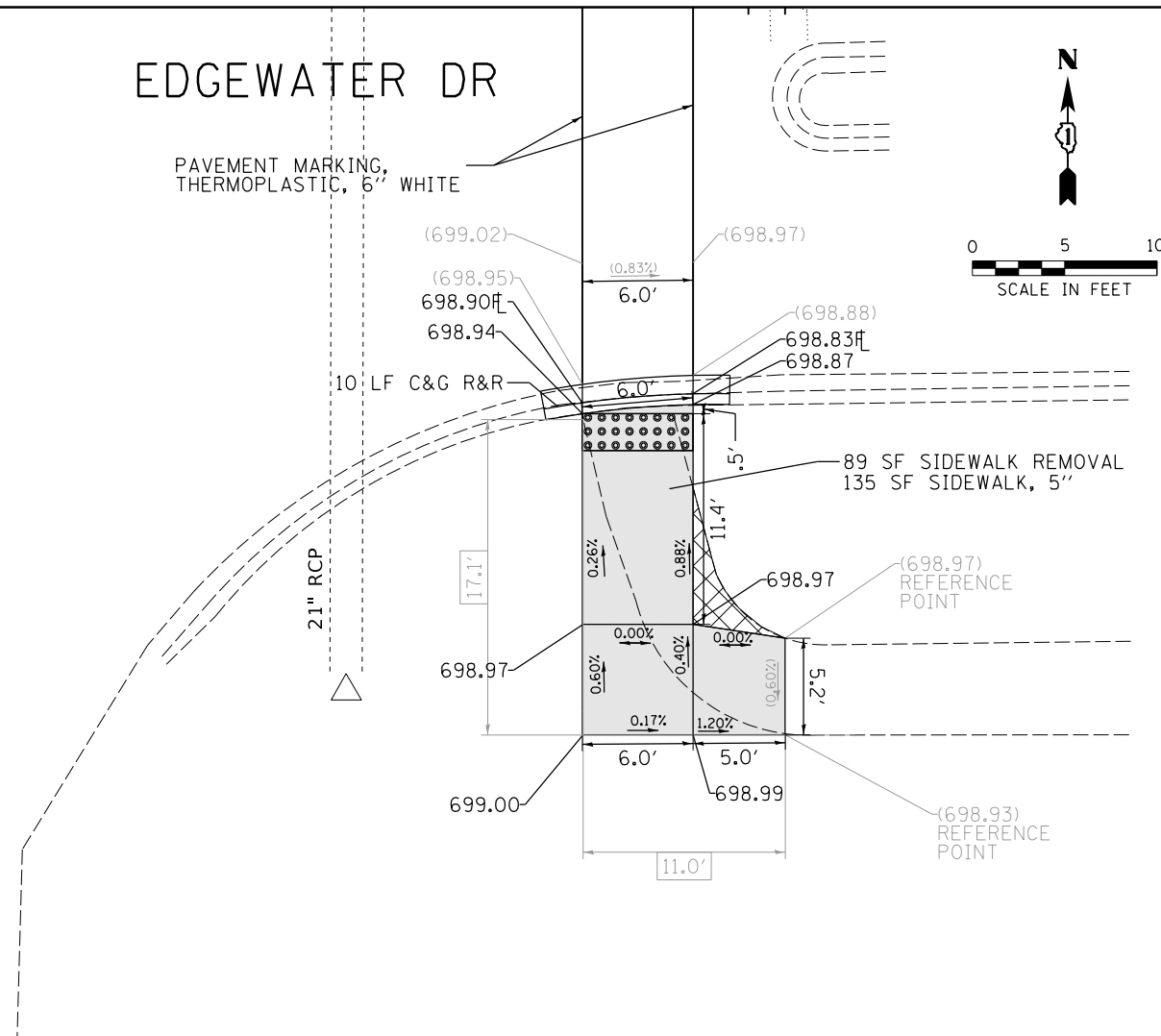
PLN-33



CRAWFORD AVE



CRAWFORD AVE



REFERENCE BENCHMARK ELEV 699
 BENCHMARK : SQUARE CUT ON CONCRETE IN NE CORNER
 LOCATION : 34 FT N OF EDGEWATER DR

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

REFERENCE BENCHMARK ELEV 699
 BENCHMARK : SQUARE CUT ON CONCRETE IN NE CORNER
 LOCATION : 34 FT N OF EDGEWATER DR

DESIGNED	ES	5/7/2020
DRAWN	ES	5/7/2020
REVIEWED	DRM	5/8/2020

FILE NAME : p:\a\hansource\mber1\gcompanion\p\01\Documents\14\0848\10-BH\CAD\Road\Sheet\01\02K90-shr.plt\01-02K90.dgn

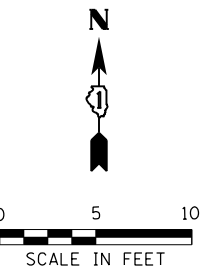
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	DRAWN - ES	REVISED -
PLOT SCALE = 10.0000' / 1"	CHECKED - DRM	REVISED -
PLOT DATE = 5/12/2020	DATE - 5/12/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS
 60260 | CRAWFORD AVE & EDGEWATER DR (NE & SE)
 COUNTRY CLUB HILLS**

SCALE: 1" = 10' SHEET NO. 34 OF 51 SHEETS STA. TO STA.

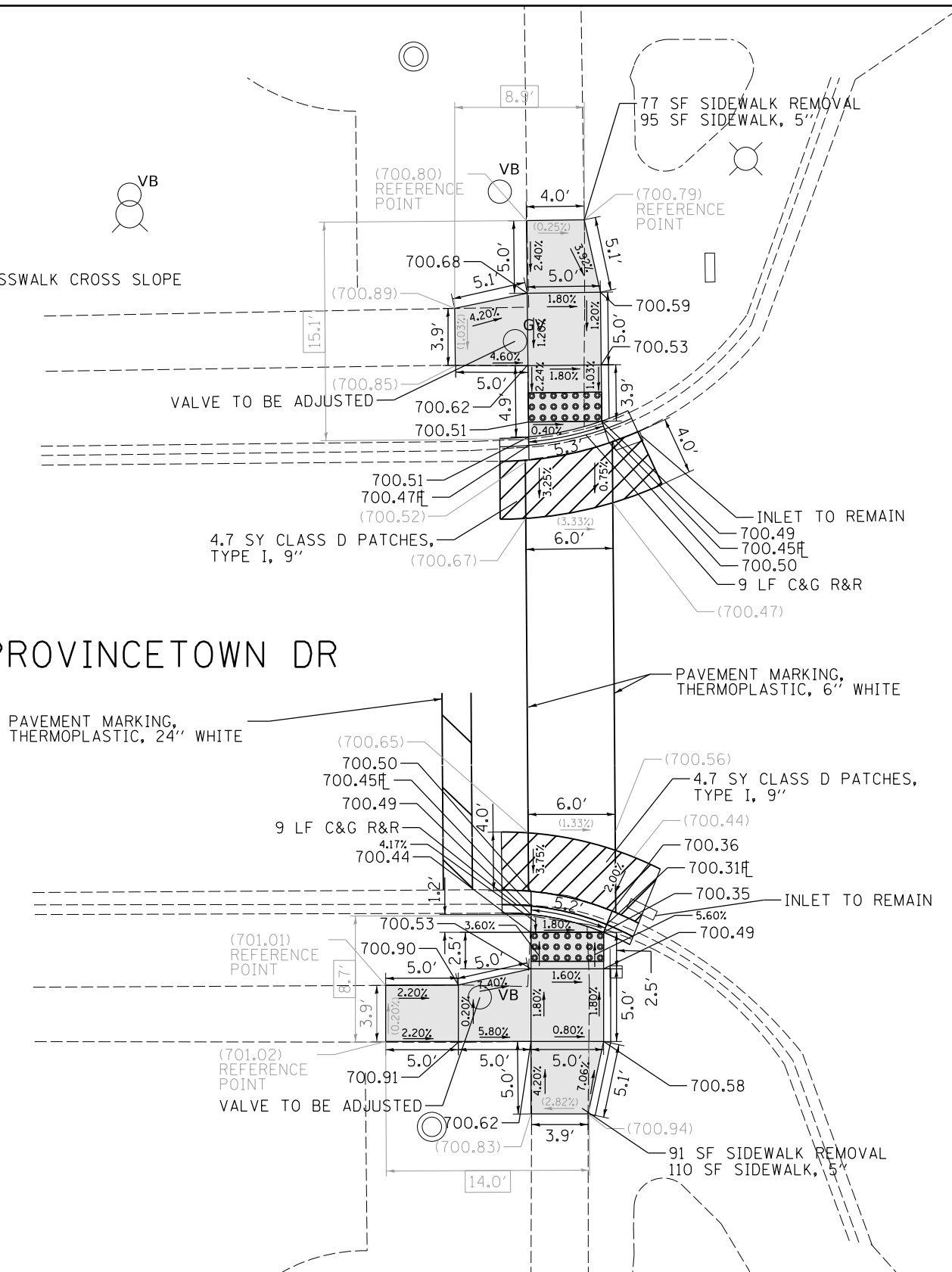
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-020-SW	COOK	67	42
CONTRACT NO. 62K90			PLN-34	
ILLINOIS FED. AID PROJECT				



CRAWFORD AVE

PROVINCETOWN DR

MEP FOR CROSSWALK CROSS SLOPE



REFERENCE BENCHMARK ELEV 702.74
 BENCHMARK : NW BOLT OF FIRE HYDRANT IN NW CORNER
 LOCATION : 32 FT N OF PROVINCETOWN DR

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

DESIGNED ES 5/7/2020
 DRAWN ES 5/7/2020
 REVIEWED DRM 5/8/2020

FILE NAME: p:\a\hansonn\m\ben\1\proj\companion\p\01\Documents\14\020401\00-BH\CAD\Road\Sheet\01\2K90-shr.plt:025.dgn

USER NAME = 1a101982	DESIGNED - ES	REVISED -
	DRAWN - ES	REVISED -
PLOT SCALE = 10.0000' / 1"	CHECKED - DRM	REVISED -
PLOT DATE = 5/12/2020	DATE - 5/12/2020	REVISED -

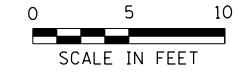
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS
60259 | CRAWFORD AVE & PROVINCETOWN DR (NW & SW)
COUNTRY CLUB HILLS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-020-SW	COOK	67	43
CONTRACT NO. 62K90			PLN-35	

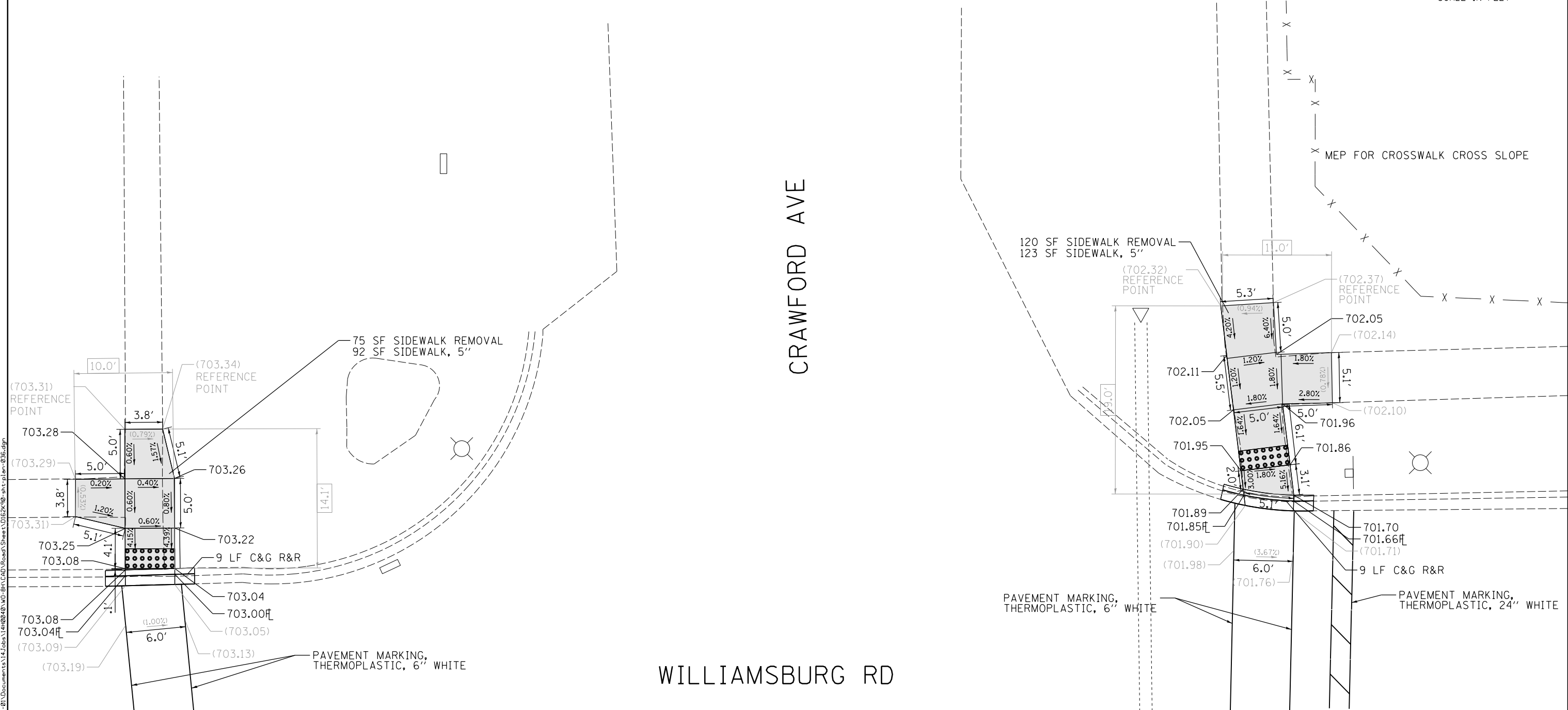
SCALE: 1" = 10' SHEET NO. 35 OF 51 SHEETS STA. TO STA.

ILLINOIS FED. AID PROJECT



CRAWFORD AVE

WILLIAMSBURG RD



REFERENCE BENCHMARK ELEV 701.83
BENCHMARK : SQUARE CUT IN W SIDE OF CONCRETE LIGHT BASE IN NE CORNER
LOCATION : 25 FT N OF WILLIAMSBURG RD

LEGEND

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

DESIGNED ES 5/7/2020
DRAWN ES 5/7/2020
REVIEWED DRM 5/8/2020

FILE NAME: p:\a\hansource\mkbent\1\geotechnical\01\Documents\14\Jobs\14100248\10-BH\CDV\Road\Sheet\02K99.sht; plot: 02K99.dgn

USER NAME = 1a101982	DESIGNED - ES	REVISED -
	DRAWN - ES	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - DRM	REVISED -
PLOT DATE = 5/12/2020	DATE - 5/12/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS
60258 | CRAWFORD AVE & WILLIAMSBURG RD (NW & NE)
COUNTRY CLUB HILLS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-020-SW	COOK	67	44
CONTRACT NO. 62K90			ILLINOIS FED. AID PROJECT	

PLN-36

SCALE: 1" = 10' SHEET NO. 36 OF 51 SHEETS STA. TO STA.



CRAWFORD AVE

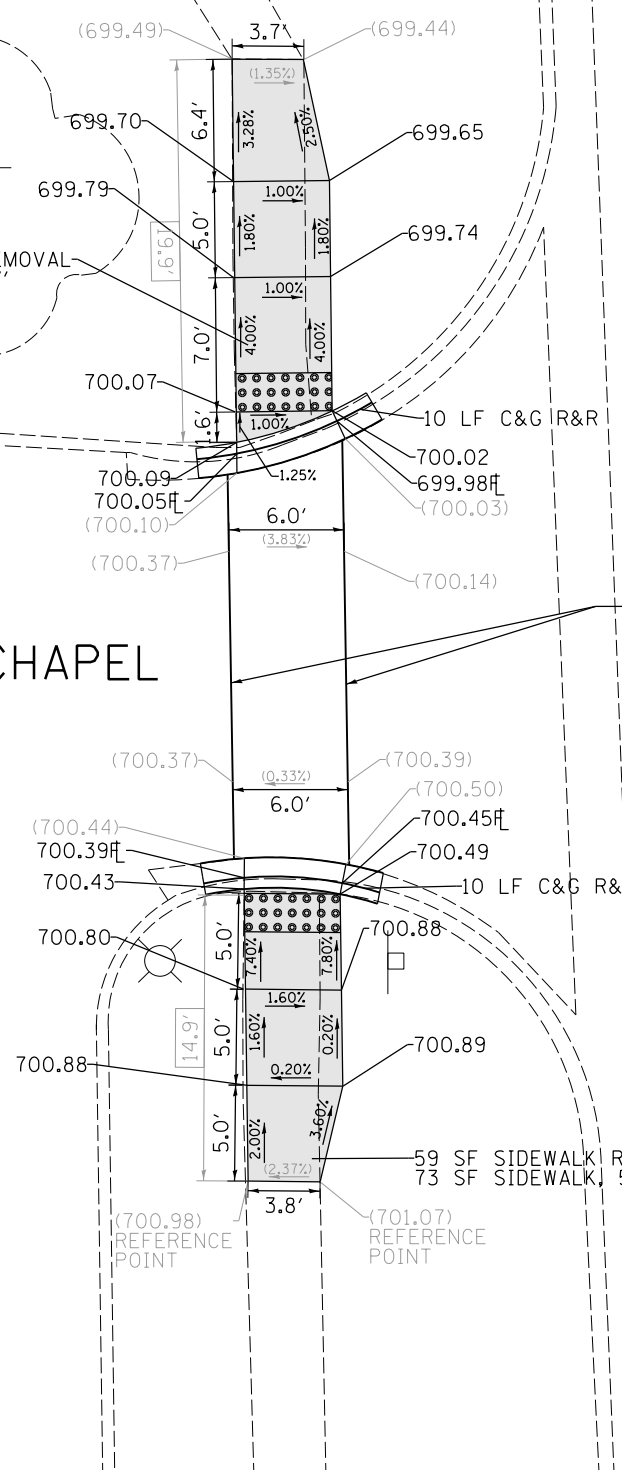
NORTH ENTRANCE/EXIT TO CHAPEL

74 SF SIDEWALK REMOVAL
92 SF SIDEWALK, 5"

MEP FOR CROSSWALK CROSS SLOPE

PAVEMENT MARKING,
THERMOPLASTIC, 6" WHITE

59 SF SIDEWALK REMOVAL
73 SF SIDEWALK, 5"



REFERENCE BENCHMARK ELEV 701.91
BENCHMARK : SE CORNER OF CONCRETE BASE FOR PARKING LOT
LIGHT IN SW CORNER
LOCATION : 55 FT W OF CRAWFORD AVE

LEGEND

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

DESIGNED ES 5/7/2020
DRAWN ES 5/7/2020
REVIEWED DRM 5/8/2020

FILE NAME: p:\a\hansource\mber\1\companion\01\Documents\14\Jobs\1400248\10-8H\CAD\Road\Sheet\01\2K98-sh1-plan-02B.dgn

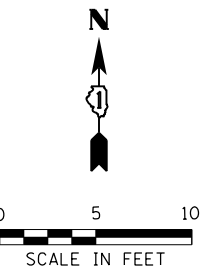
USER NAME = 1a101982	DESIGNED - ES	REVISED -
	DRAWN - ES	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - DRM	REVISED -
PLOT DATE = 5/12/2020	DATE - 5/12/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS
60988 | CRAWFORD AVE & NORTH ENTR/EXIT TO CHAPEL (NW & SW)
COUNTRY CLUB HILLS

SCALE: 1" = 10' SHEET NO. 38 OF 51 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-020-SW	COOK	67	46
CONTRACT NO. 62K90			PLN-38	
ILLINOIS FED. AID PROJECT				

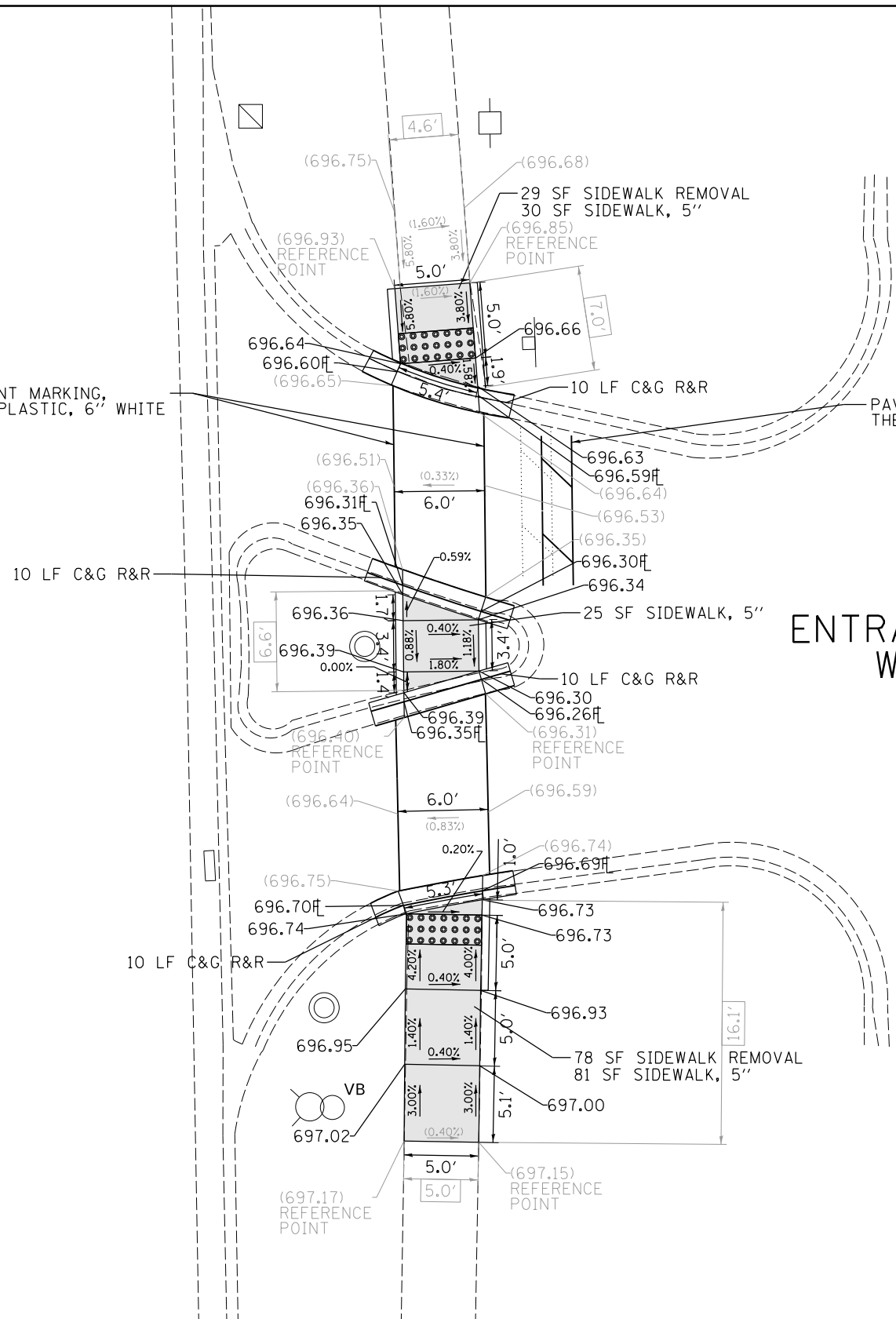


CRAWFORD AVE

PAVEMENT MARKING, THERMOPLASTIC, 6" WHITE (TYP.)

PAVEMENT MARKING, THERMOPLASTIC, 24" WHITE

ENTRANCE/EXIT TO WALGREENS



REFERENCE BENCHMARK ELEV 698.18
 BENCHMARK : SE BOLT OF FIRE HYDRANT IN SE CORNER
 LOCATION : 38 FT E OF CRAWFORD AVE

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

DESIGNED ES 5/7/2020
 DRAWN ES 5/7/2020
 REVIEWED DRM 5/8/2020

FILE NAME: p:\a\hansource\mkbent\1\geospatial\paw\01\Documents\14\Jobs\1400240\10-BH-CAD\Road\Sheet\01E2K99-ash-plan-039.dgn

USER NAME = 1a101982	DESIGNED - ES	REVISED -
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PLOT SCALE = 10.0000' / in.	CHECKED - DRM	REVISED -
PLOT DATE = 5/12/2020	DATE - 5/12/2020	REVISED -

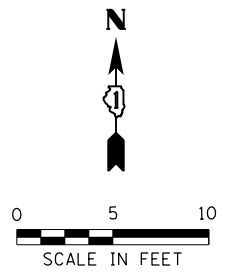
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS
 60989 | CRAWFORD AVE & ENTRANCE/EXIT WALGREENS (NE & SE)
 COUNTRY CLUB HILLS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-020-SW	COOK	67	47
CONTRACT NO. 62K90			PLN-39	
ILLINOIS FED. AID PROJECT				

SCALE: 1" = 10' SHEET NO. 39 OF 51 SHEETS STA. TO STA.

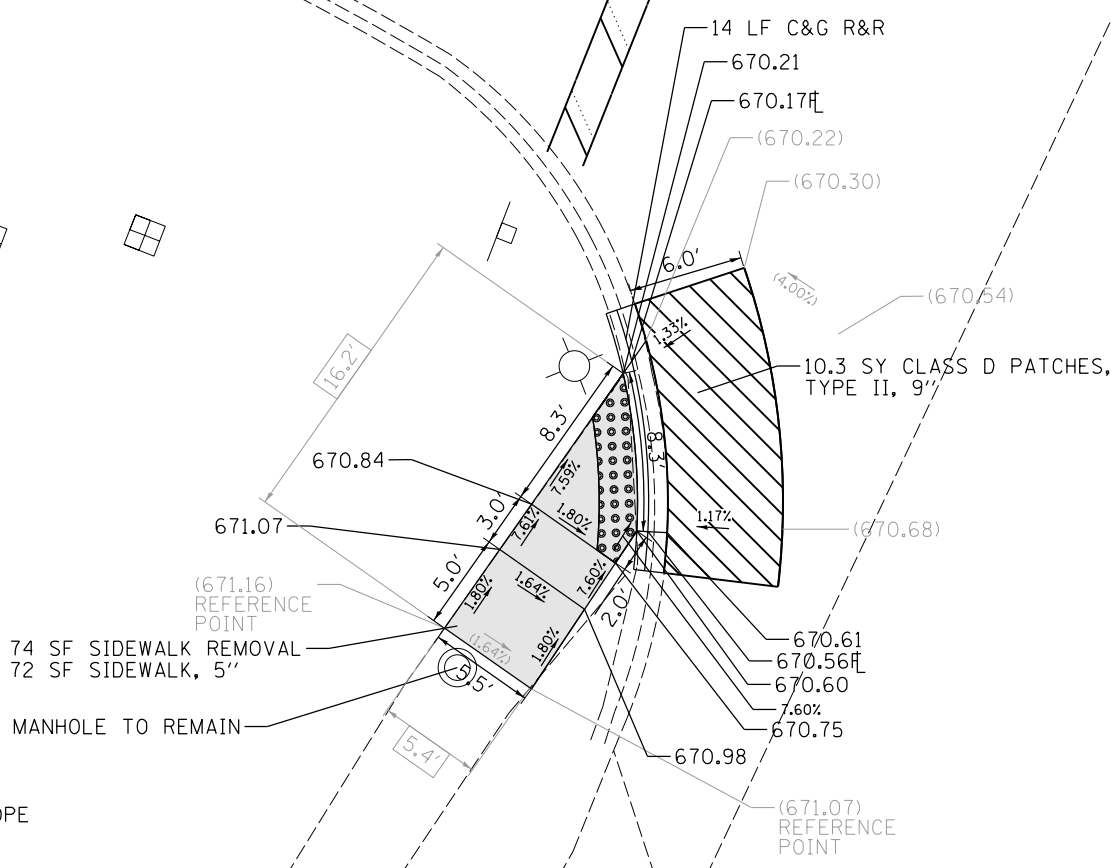
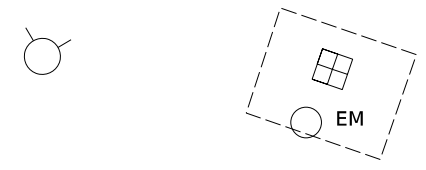
THERE IS NO EXISTING OR PROPOSED RAMP AT THIS CORNER.



CHAYES PARK DR.

GOVERNOR'S HWY

PAVEMENT MARKING, THERMOPLASTIC, 24" WHITE



MEP FOR CROSSWALK CROSS SLOPE

REFERENCE BENCHMARK ELEV 670.76
 BENCHMARK : SE BOLT OF FIRE HYDRANT IN SW CORNER
 LOCATION : 95 FT W OF GOVERNORS HWY

LEGEND

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

DESIGNED ES 5/7/2020
 DRAWN ES 5/7/2020
 REVIEWED DRM 5/8/2020

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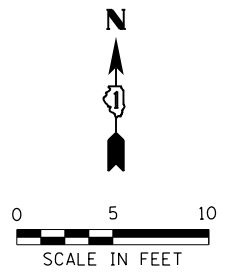
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	DRAWN - ES	REVISED -
PLOT SCALE = 10.0000' / 1"	CHECKED - DRM	REVISED -
PLOT DATE = 5/12/2020	DATE - 5/12/2020	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS
 60940 | GOVERNORS HWY & CHAYES PARK DR (NW & SW)
 HOMEWOOD
 SCALE: 1" = 10' SHEET NO. 40 OF 51 SHEETS STA. TO STA.

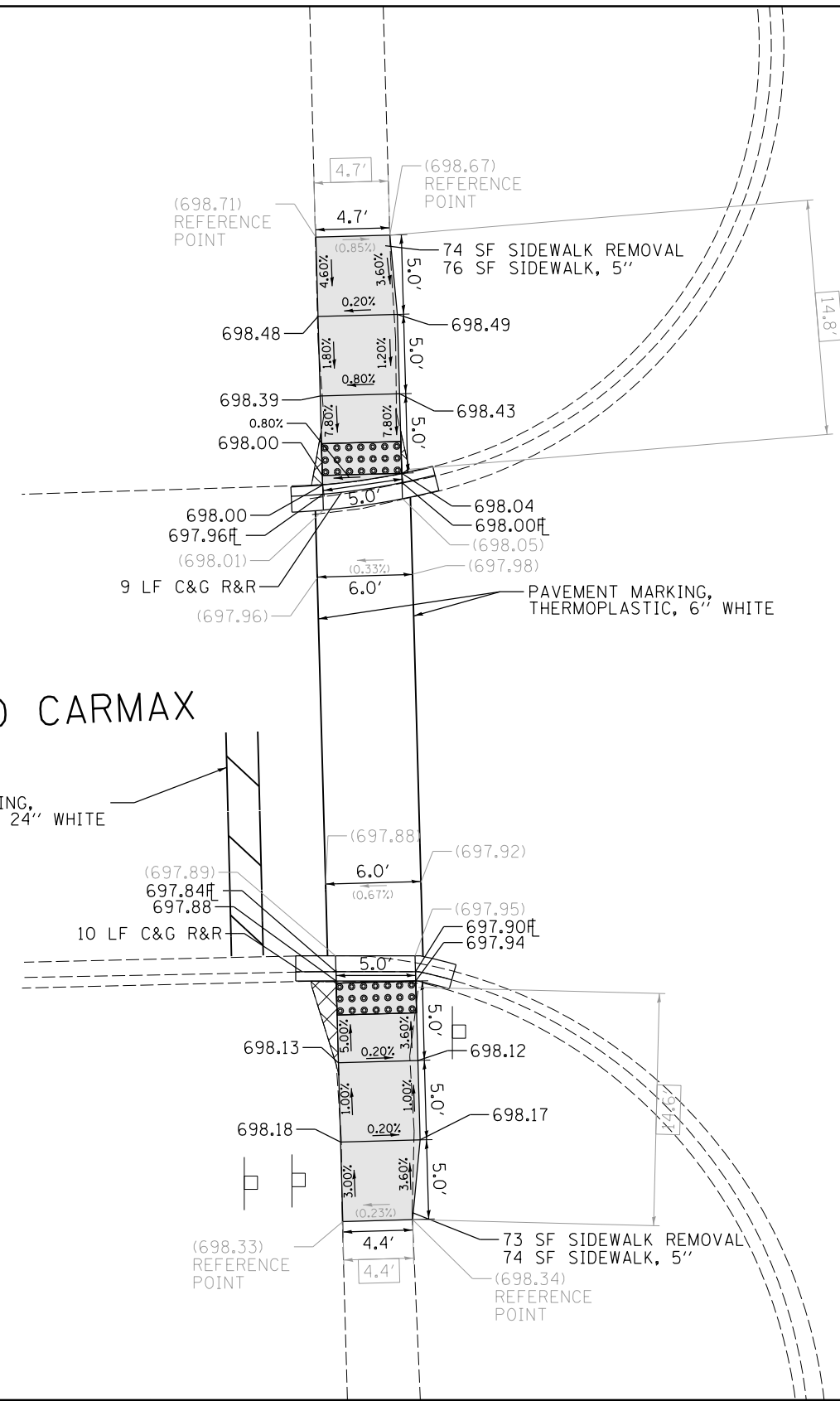
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-020-SW	COOK	67	48
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62K90	

PLN-40



OAK PARK AVE

ENTRANCE/EXIT TO CARMAX



REFERENCE BENCHMARK ELEV 698.11
 BENCHMARK : CROSS CUT IN CONCRETE IN NW CORNER
 LOCATION : 51 FT W OF OAK PARK AVE

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

DESIGNED ES 5/7/2020
 DRAWN ES 5/7/2020
 REVIEWED DRM 5/8/2020

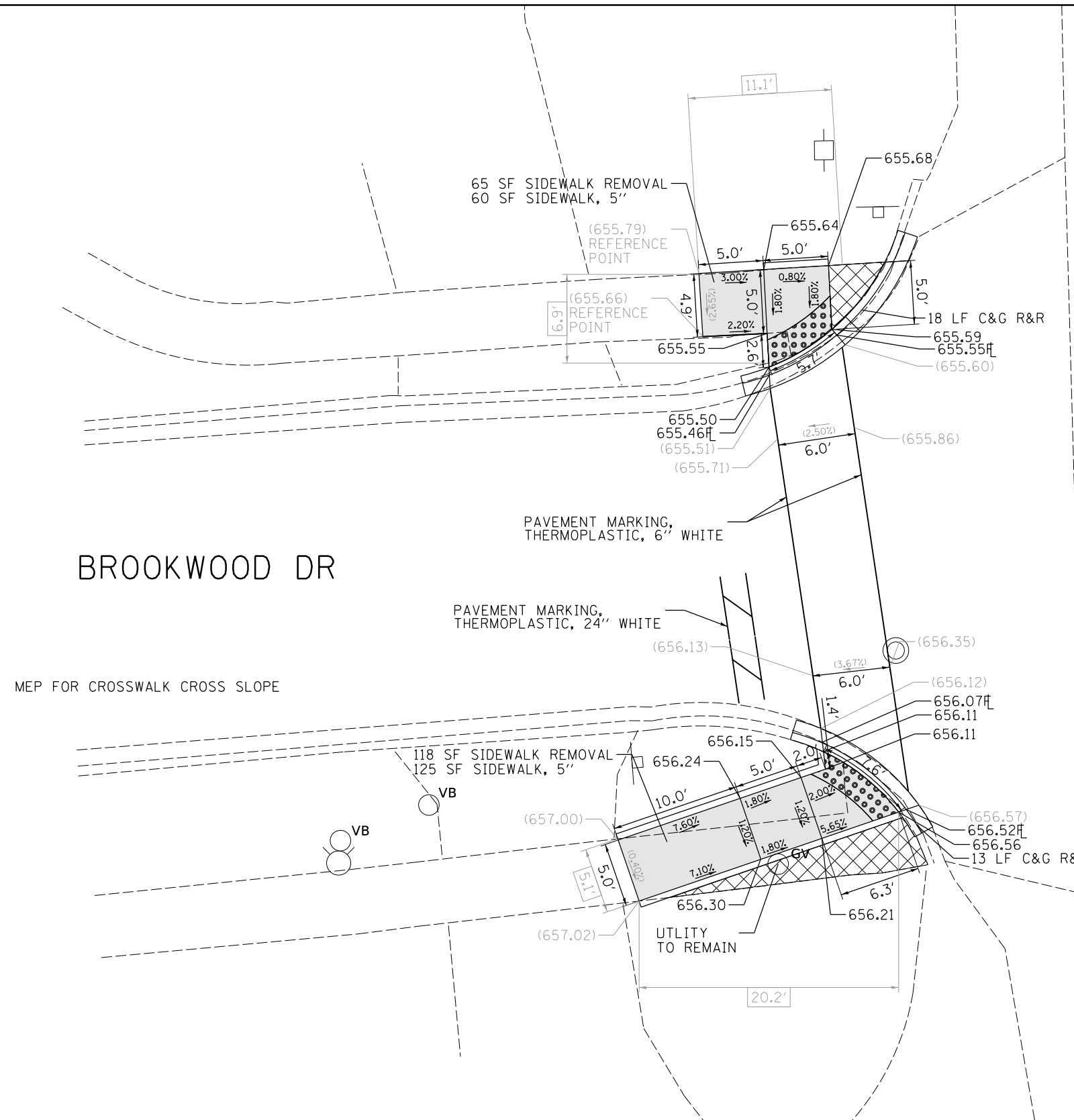
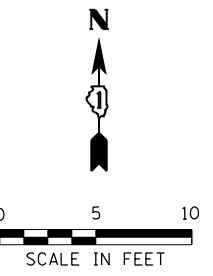
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USER NAME = 1a101982	DESIGNED - ES	REVISED -
	DRAWN - ES	REVISED -
PLOT SCALE = 10.0000' / 1"	CHECKED - DRM	REVISED -
PLOT DATE = 5/12/2020	DATE - 5/12/2020	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS
 60946 | OAK PARK AVE & ENTRANCE/EXIT TO CARMAX (NW & SW)
 TINLEY PARK
 SCALE: 1" = 10' SHEET NO. 41 OF 51 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-020-SW	COOK	67	49
CONTRACT NO. 62K90			PLN-41	
ILLINOIS FED. AID PROJECT				



WESTERN AVE

BROOKWOOD DR

MEP FOR CROSSWALK CROSS SLOPE

REFERENCE BENCHMARK ELEV 657.13
 BENCHMARK : SW BOLT OF FIRE HYDRANT IN SW CORNER
 LOCATION : 21 FT S OF BROOKWOOD DR

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

DESIGNED ES 5/7/2020
 DRAWN ES 5/7/2020
 REVIEWED DRM 5/8/2020

FILE NAME: p:\a\hansource\mkbent\l\companion\p\01\Documents\14\Jobs\1400240\MD-BH\CAD\Road\Sheet\01\02K90-shr.pln-042.dgn

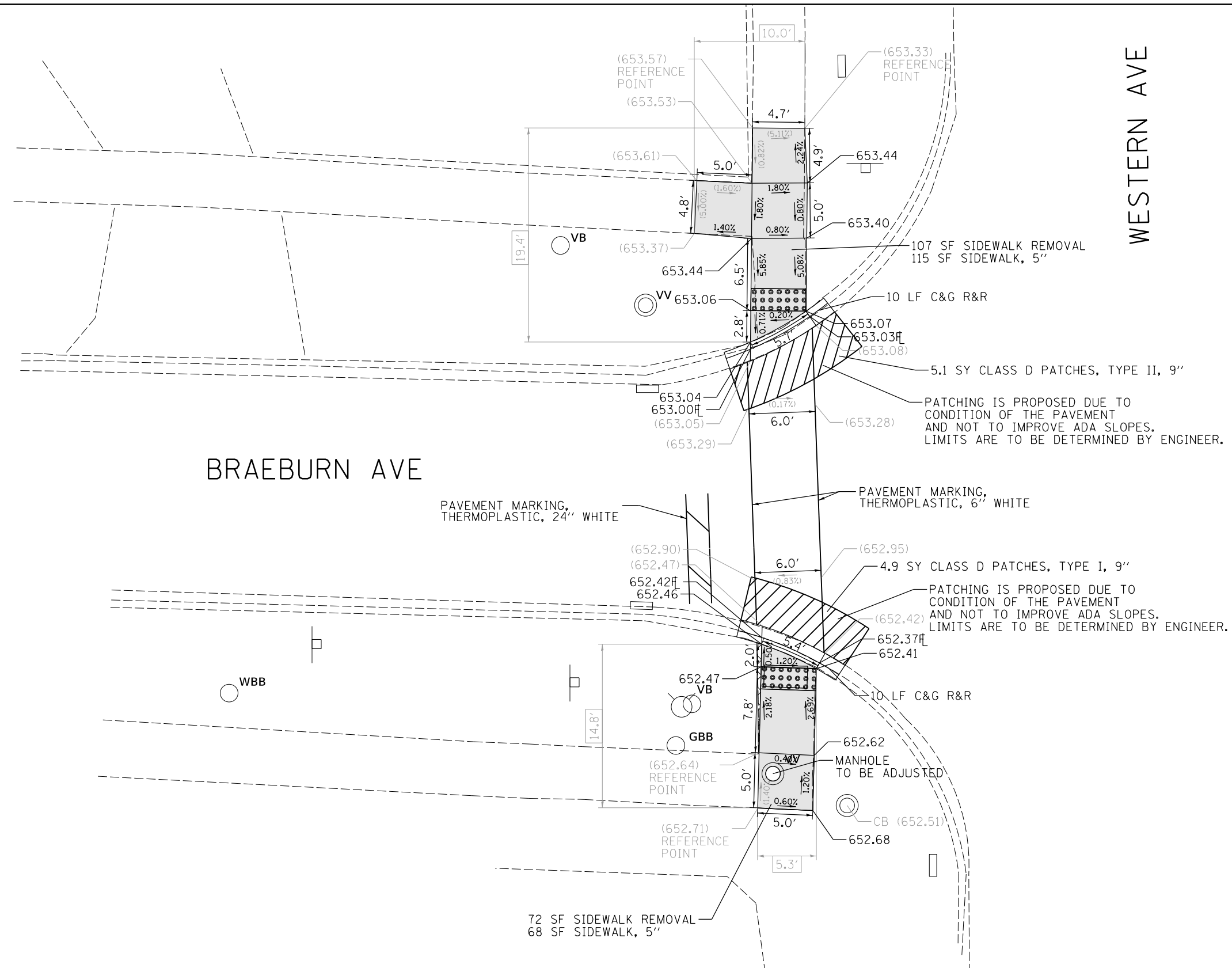
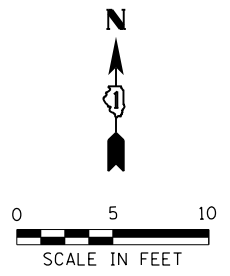
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	DRAWN - ES	REVISED -
PLOT SCALE = 10.0000' / 1"	CHECKED - DRM	REVISED -
PLOT DATE = 5/12/2020	DATE - 5/12/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIDEWALK RAMP DETAILS
60384 | WESTERN AVE & BROOKWOOD DR (NW & SW)
FLOSSMOOR

SCALE: 1" = 10' SHEET NO. 42 OF 51 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-020-SW	COOK	67	50
CONTRACT NO. 62K90			PLN-42	
ILLINOIS FED. AID PROJECT				



BRAEBURN AVE

WESTERN AVE

PAVEMENT MARKING, THERMOPLASTIC, 24" WHITE

PAVEMENT MARKING, THERMOPLASTIC, 6" WHITE

PATCHING IS PROPOSED DUE TO CONDITION OF THE PAVEMENT AND NOT TO IMPROVE ADA SLOPES. LIMITS ARE TO BE DETERMINED BY ENGINEER.

PATCHING IS PROPOSED DUE TO CONDITION OF THE PAVEMENT AND NOT TO IMPROVE ADA SLOPES. LIMITS ARE TO BE DETERMINED BY ENGINEER.

72 SF SIDEWALK REMOVAL
68 SF SIDEWALK, 5"

LEGEND

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

REFERENCE BENCHMARK ELEV 654.5
BENCHMARK : SW BOLT OF FIRE HYDRANT IN SW CORNER
LOCATION : 19 FT S OF BRAEBURN AVE

USER NAME = 1a101982	DESIGNED - ES	REVISED -
	DRAWN - ES	REVISED -
PLOT SCALE = 10.0000' / 1"	CHECKED - DRM	REVISED -
PLOT DATE = 5/12/2020	DATE - 5/12/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS
60385 | WESTERN AVE & BRAEBURN AVE (NW & SW)
FLOSSMOOR

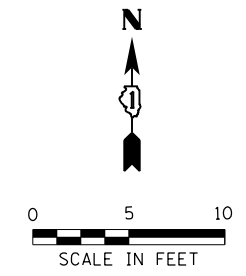
SCALE: 1" = 10' SHEET NO. 43 OF 51 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-020-SW	COOK	67	51
CONTRACT NO. 62K90			ILLINOIS FED. AID PROJECT	

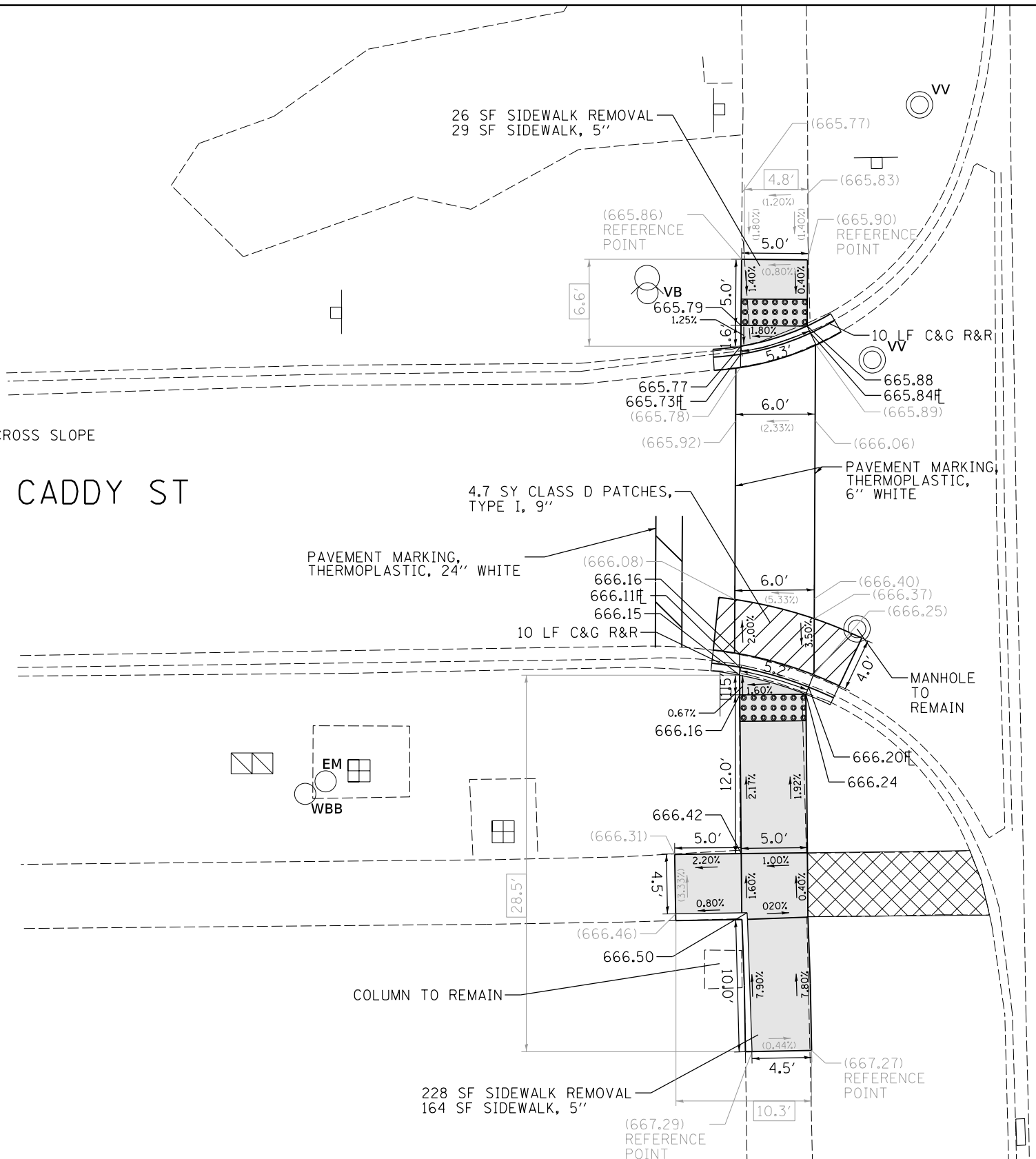
PLN-43

DESIGNED ES 5/7/2020
DRAWN ES 5/7/2020
REVIEWED DRM 5/8/2020

FILE NAME: p:\a\hansonnrc\mber\1\g\companion\p\01\Documents\14\Jobs\14100240\MO-BH\CAD\Road\Sheet\01\02K90.sht.pln-043.dgn



WESTERN AVE



MEP FOR CROSSWALK CROSS SLOPE

CADDY ST

DESIGNED ES 5/7/2020
DRAWN ES 5/7/2020
REVIEWED DRM 5/8/2020
FILE NAME: p:\a\hansource\mkbent\1\geotechnical\01\Documents\14\Jobs\14100248\10-BH\CAD\Road\Sheet\01\02K90-shr-pln-04.dgn

REFERENCE BENCHMARK ELEV 667.74
BENCHMARK : NW BOLT OF FIRE HYDRANT IN NW CORNER
LOCATION : 18 FT N OF CADDY ST

LEGEND

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

DESIGNED	ES	5/7/2020
DRAWN	ES	5/7/2020
REVIEWED	DRM	5/8/2020

USER NAME	= 1a101982
DESIGNED	- ES
DRAWN	- ES
CHECKED	- DRM
DATE	- 5/12/2020

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

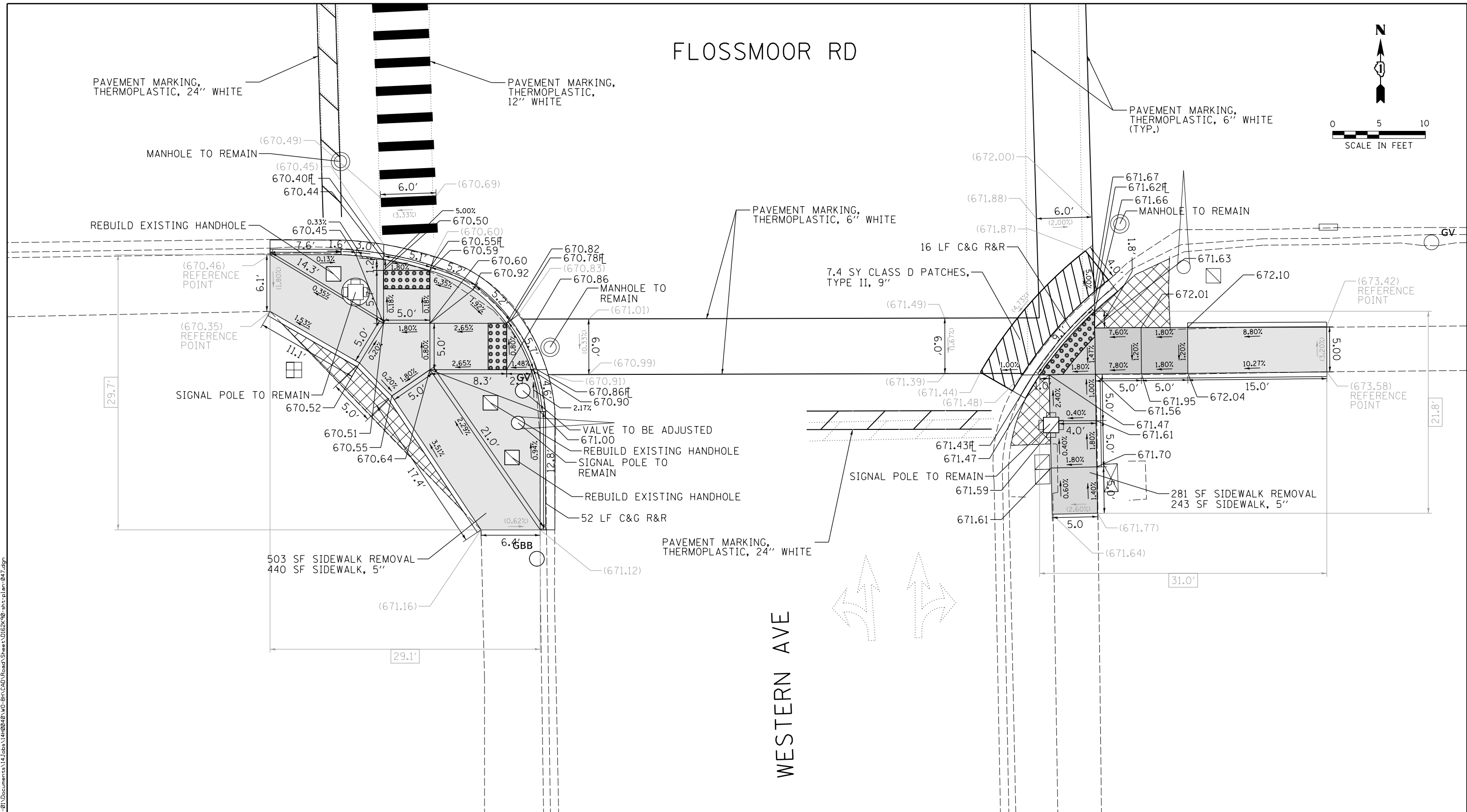
**SIDEWALK RAMP DETAILS
60387 | WESTERN AVE & CADDY ST (NW & SW)
FLOSSMOOR**

SCALE: 1" = 10' SHEET NO. 44 OF 51 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-020-SW	COOK	67	52
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62K90	

PLN-44

FLOSSMOOR RD



REFERENCE BENCHMARK ELEV 675.54
 BENCHMARK : BOLT ON FIRE HYDRANT IN SE CORNER
 LOCATION : 36 FT E OF WESTERN AVE

LEGEND

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

DESIGNED	ES	5/7/2020
DRAWN	ES	5/7/2020
REVIEWED	DRM	5/8/2020

FILE NAME: p:\a\hansource\mkbent\1\lay\contribution\01\Documents\14\Jobs\14\0248\WD-BH\CAD\Road\Sheet\02K99-shr-plan-047.dgn

USER NAME = 1a101982	DESIGNED - ES	REVISED -
	DRAWN - ES	REVISED -
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PLOT DATE = 5/12/2020	DATE - 5/12/2020	REVISED -

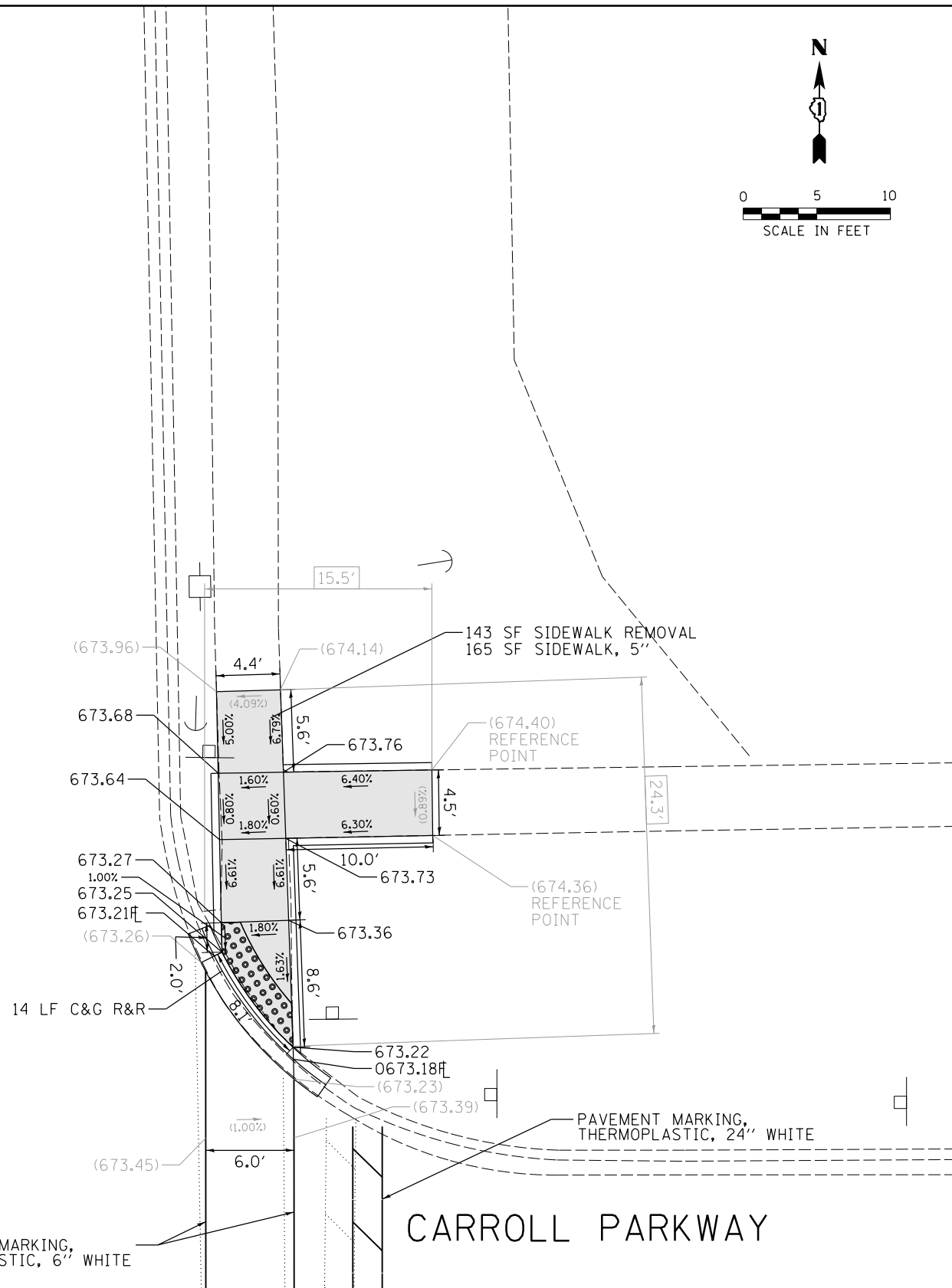
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SIDEWALK RAMP DETAILS
60477 | WESTERN AVE & FLOSSMOOR RD (SW & SE)
FLOSSMOOR

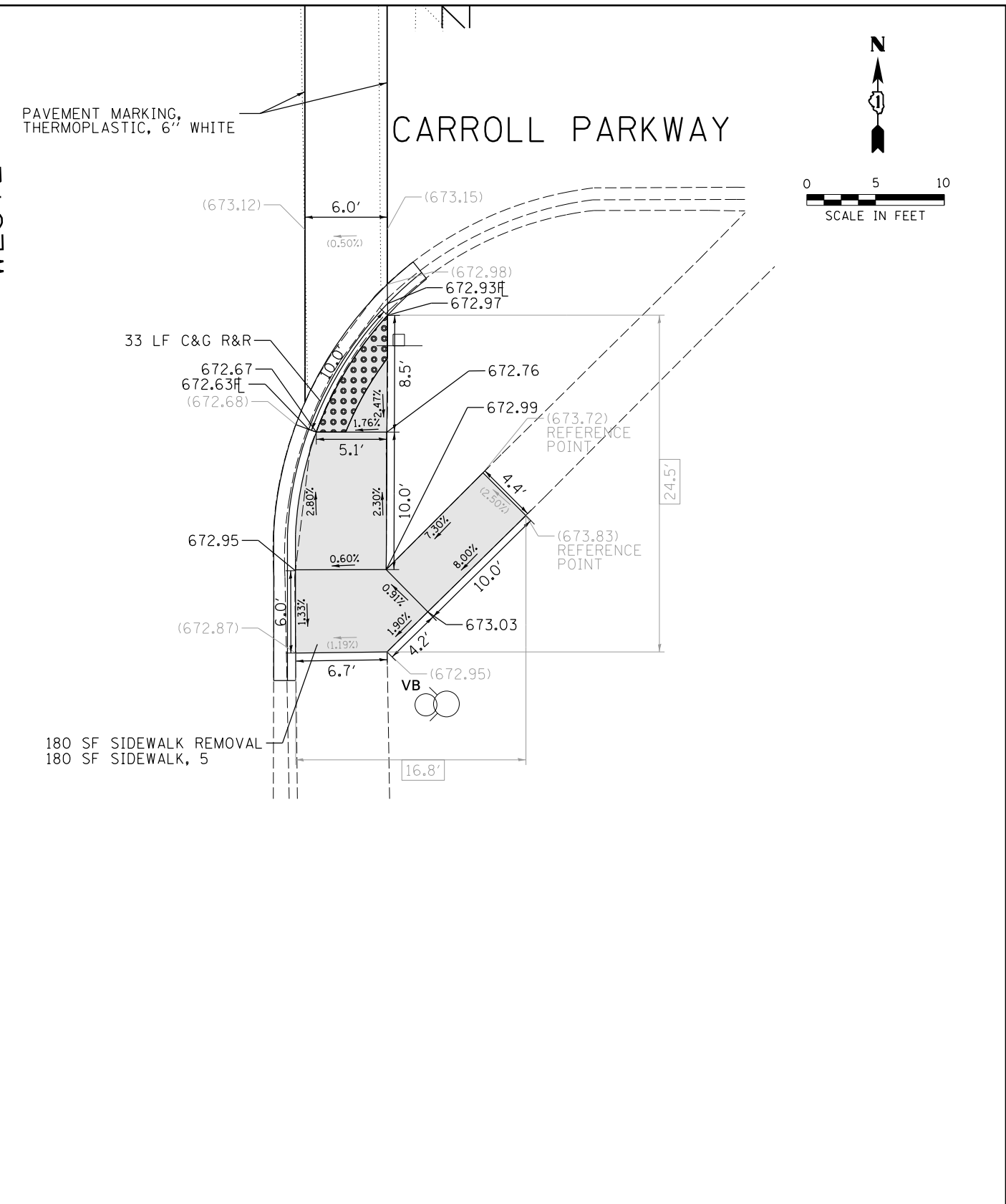
SCALE: 1" = 10' SHEET NO. 47 OF 51 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-020-SW	COOK	67	55
CONTRACT NO. 62K90			PLN-47	
ILLINOIS FED. AID PROJECT				

WESTERN AVE



WESTERN AVE



REFERENCE BENCHMARK ELEV 675.54
 BENCHMARK : BOLT ON FIRE HYDRANT IN SE CORNER
 LOCATION : 36 FT E OF WESTERN AVE

LEGEND

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

REFERENCE BENCHMARK ELEV 675.54
 BENCHMARK : BOLT ON FIRE HYDRANT IN SE CORNER
 LOCATION : 36 FT E OF WESTERN AVE

DESIGNED ES 5/7/2020
 DRAWN ES 5/7/2020
 REVIEWED DRM 5/8/2020

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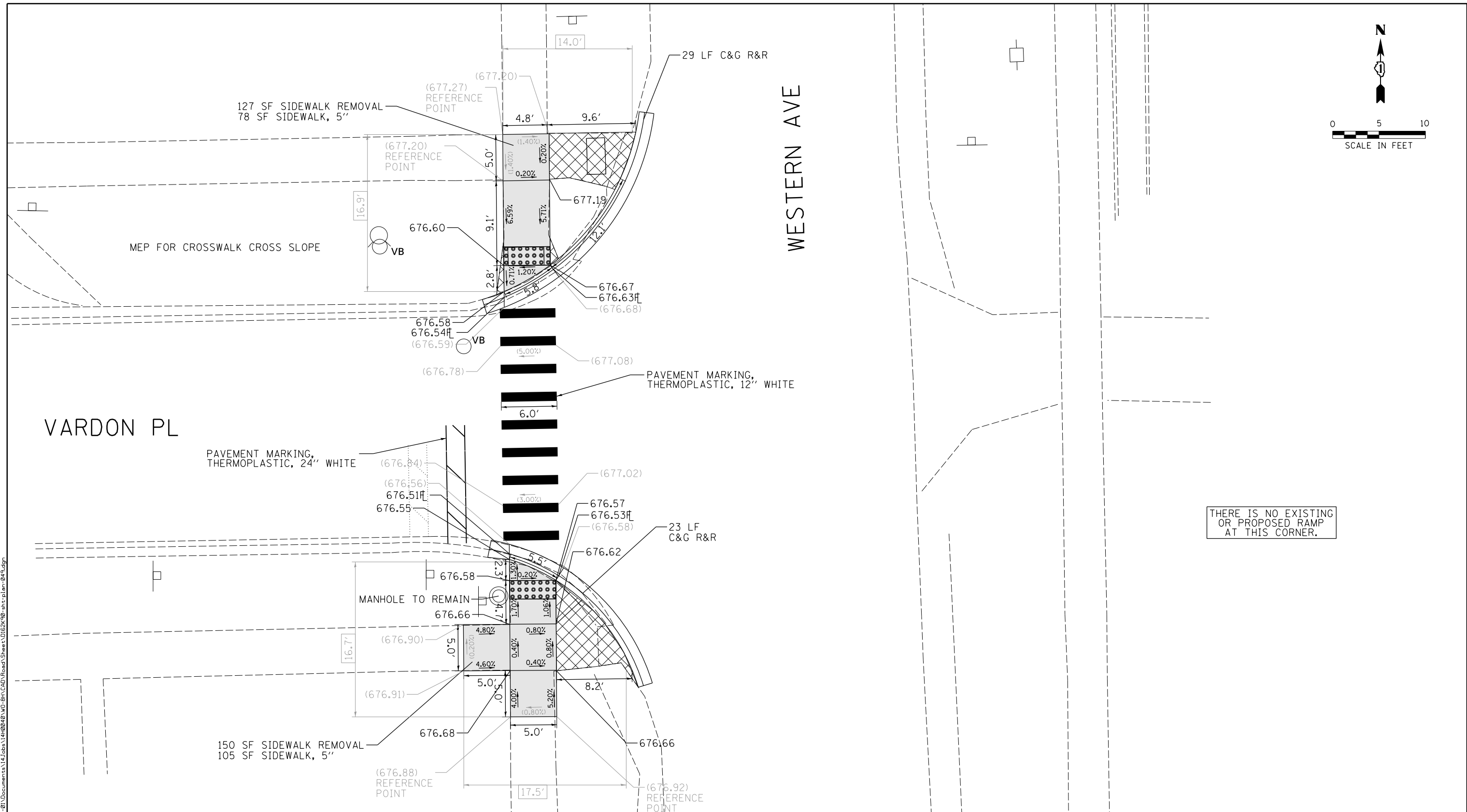
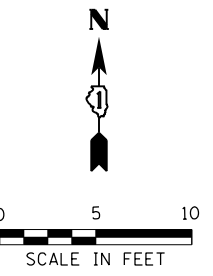
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS
60942 | WESTERN AVE & CARROLL PARKWAY (NE & SE)
FLOSSMOOR

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-020-SW	COOK	67	56
CONTRACT NO. 62K90			PLN-48	

SCALE: 1" = 10' SHEET NO. 48 OF 51 SHEETS STA. TO STA.

ILLINOIS FED. AID PROJECT



THERE IS NO EXISTING OR PROPOSED RAMP AT THIS CORNER.

REFERENCE BENCHMARK ELEV 678.57
 BENCHMARK : NW BOLT OF FIRE HYDRANT IN NW CORNER
 LOCATION : 21 FT N OF VARDON PL

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

DESIGNED ES 5/7/2020
 DRAWN ES 5/7/2020
 REVIEWED DRM 5/8/2020

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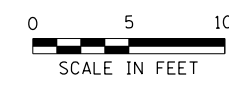
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PLOT DATE = 5/12/2020	DATE - 5/12/2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS
60478 | WESTERN AVE & VARDON PL (NW & SW)
FLOSSMOOR

SCALE: 1" = 10' SHEET NO. 49 OF 51 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-020-SW	COOK	67	57
CONTRACT NO. 62K90			PLN-49	
ILLINOIS FED. AID PROJECT				



WESTERN AVE

VARDON LN

THERE IS NO EXISTING OR PROPOSED RAMP AT THIS CORNER.

PAVEMENT MARKING, THERMOPLASTIC, 12" WHITE

PAVEMENT MARKING, THERMOPLASTIC, 12" WHITE

PAVEMENT MARKING, THERMOPLASTIC, 24" WHITE

LEGEND

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

REFERENCE BENCHMARK ELEV 680.94
 BENCHMARK : NW BOLT OF FIRE HYDRANT IN NW CORNER
 LOCATION : 21 FT W OF WESTERN AVE

USER NAME = 1a101982	DESIGNED - ES	REVISED -
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PLOT SCALE = 10.0000' / in.	CHECKED - DRM	REVISED -
PLOT DATE = 5/12/2020	DATE - 5/12/2020	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SIDEWALK RAMP DETAILS
 60479 | WESTERN AVE & VARDON LN (NE & SE)
 FLOSSMOOR

SCALE: 1" = 10' SHEET NO. 50 OF 51 SHEETS STA. TO STA.

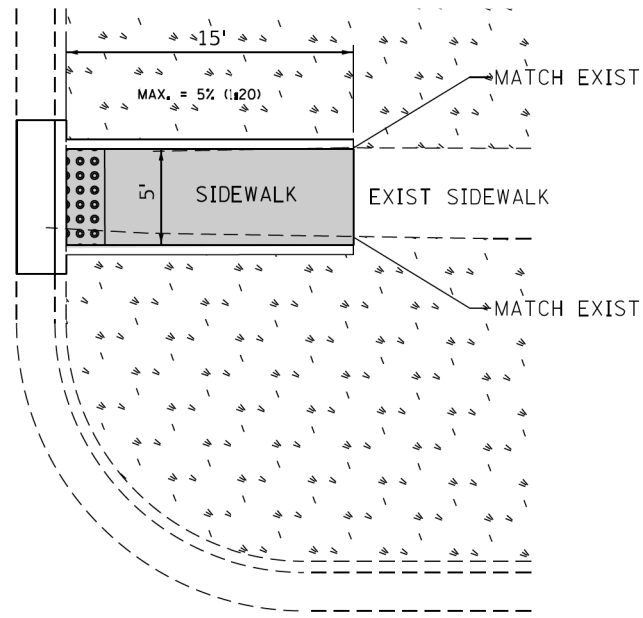
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-020-SW	COOK	67	58
CONTRACT NO. 62K90			ILLINOIS FED. AID PROJECT	

PLN-50

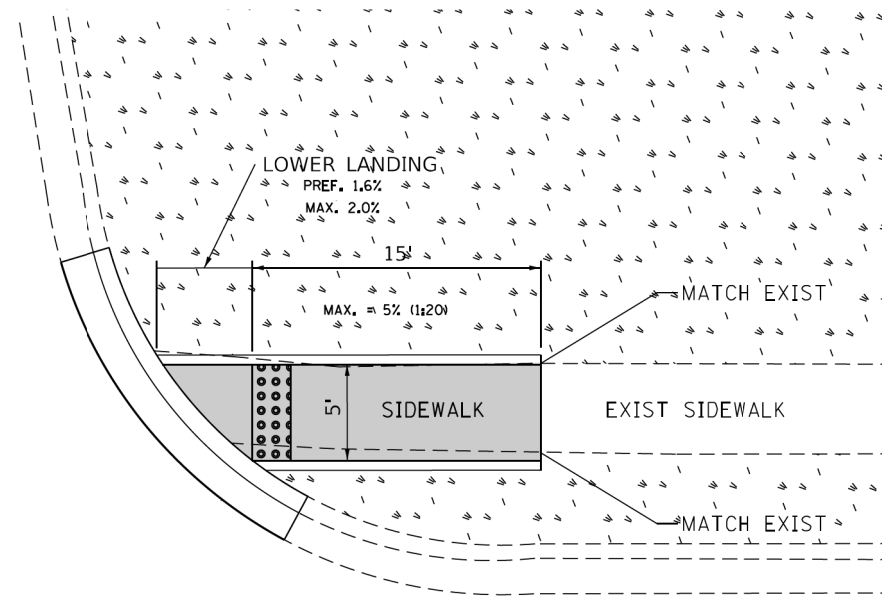
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ADA DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS W/ EXIST. 5% OR LESS RUN. SLOPE

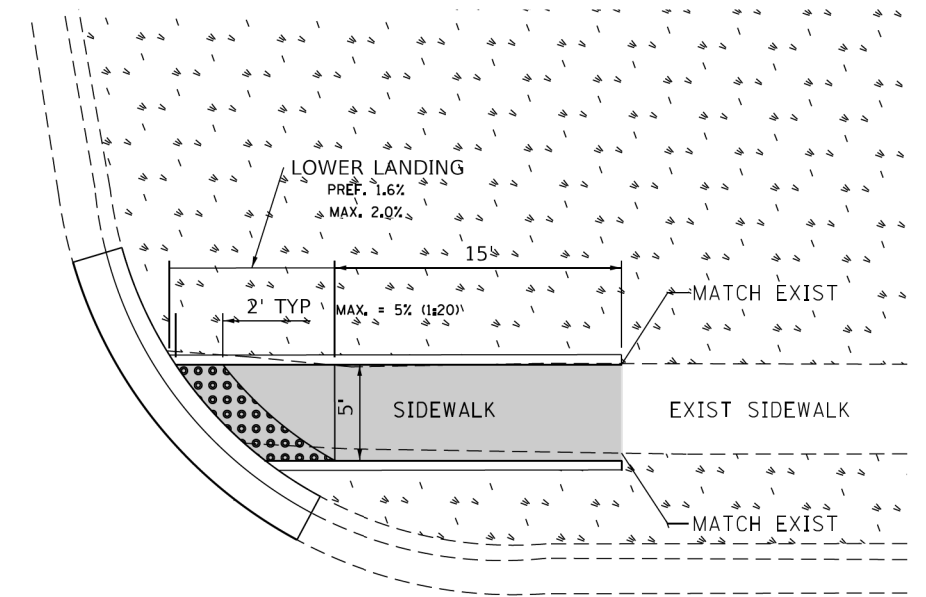
PD-01A



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

FILE NAME =	USER NAME = ldezma	DESIGNED -	REVISED -
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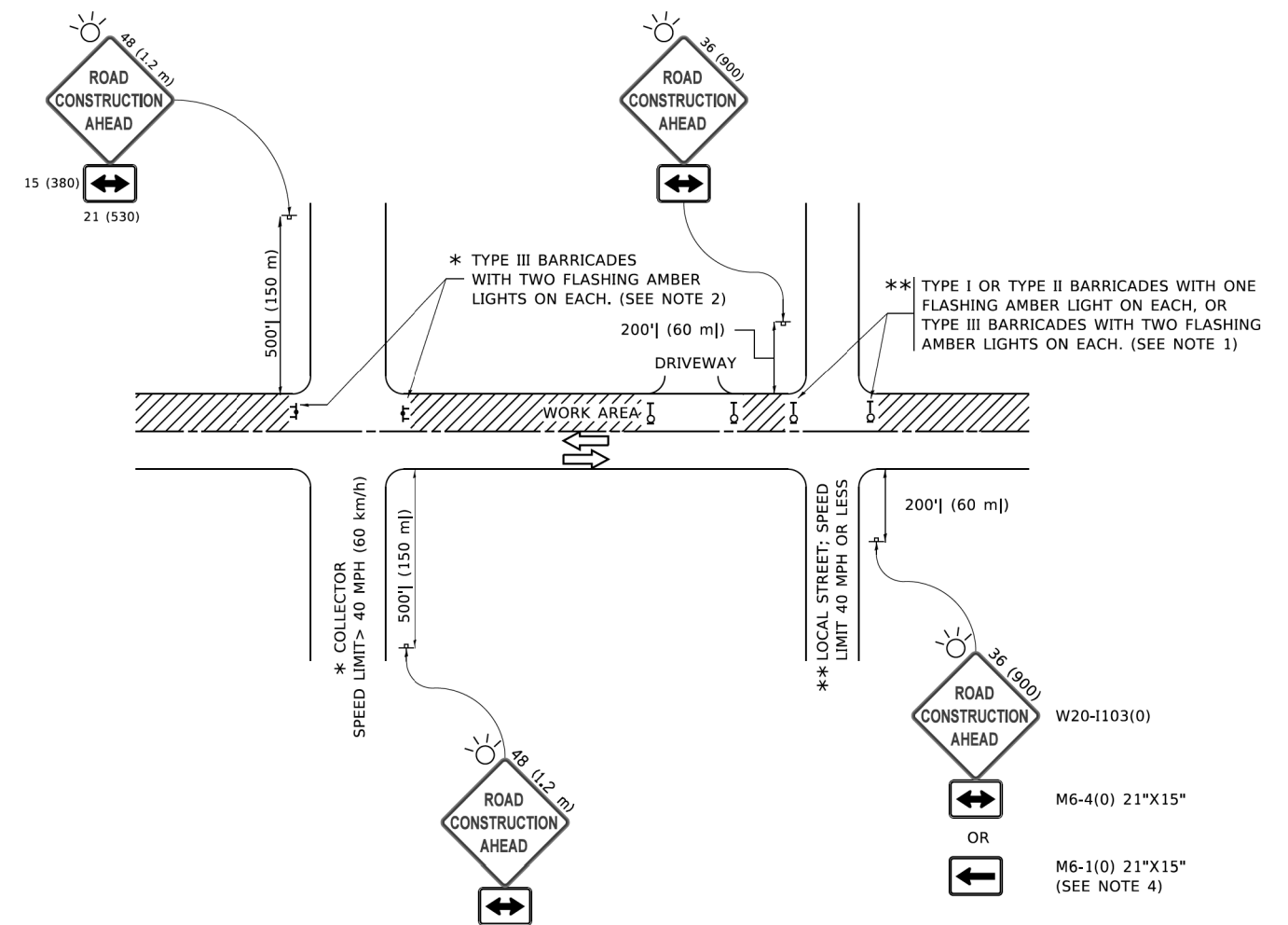
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

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

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-020-SW	COOK	67	61
PD-01		CONTRACT NO. 62K90		
ILLINOIS FED. AID PROJECT				

DET-2



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.

DET-3

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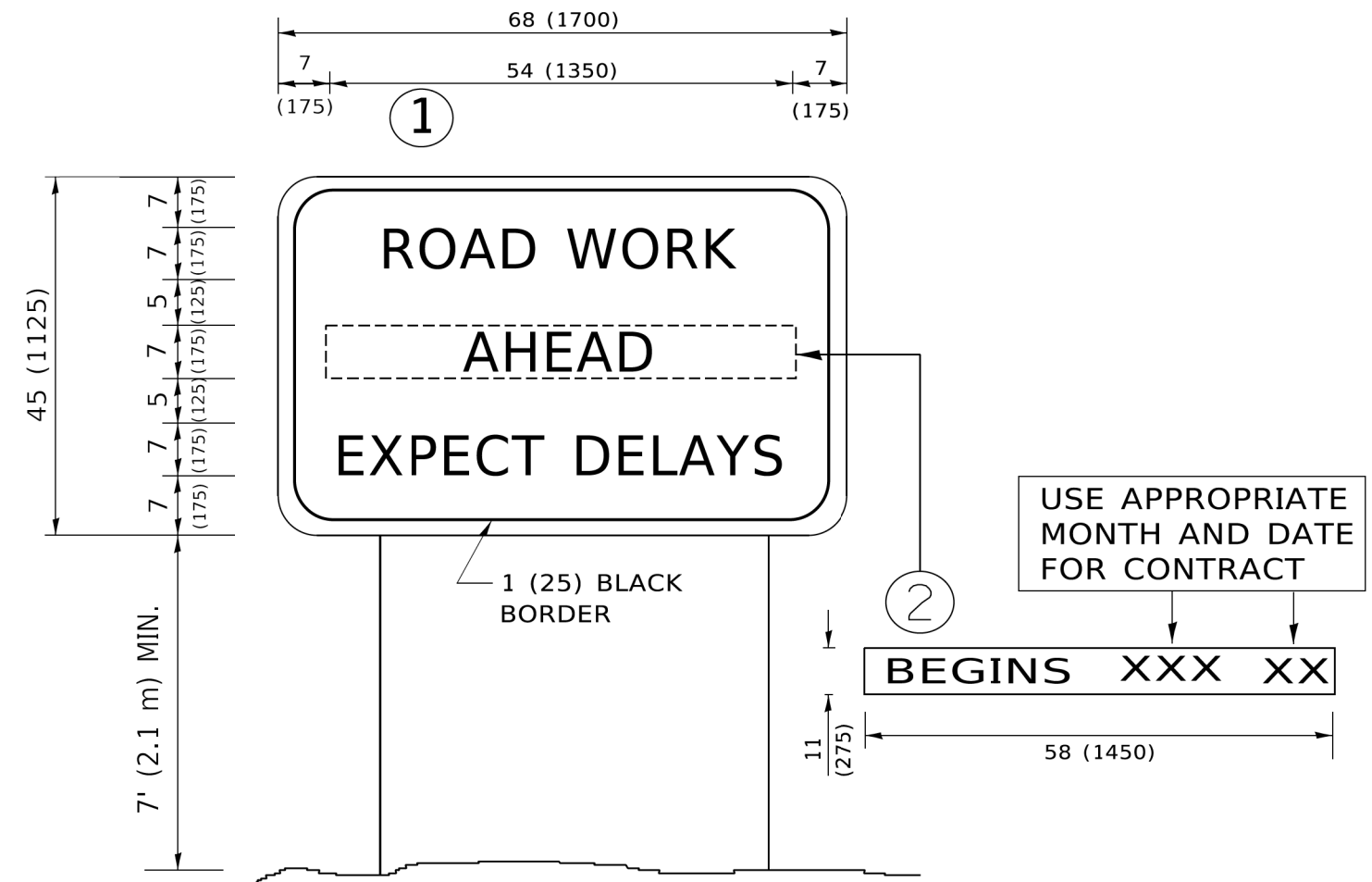
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	DRAWN -	REVISED - T. RAMMACHER 01-06-00
PLOT SCALE = 50,0000' / ft.	CHECKED -	REVISED - A. SCHUETZE 07-01-13
PLOT DATE = 3/4/2019	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-020-SW	COOK	67	62
TC-10		CONTRACT NO. 62K90		
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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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.

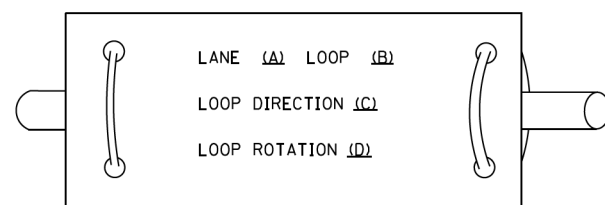
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VAR	2020-020-SW	COOK	67	65
TC-22			CONTRACT NO. 62K90	
ILLINOIS FED. AID PROJECT				

DET-6

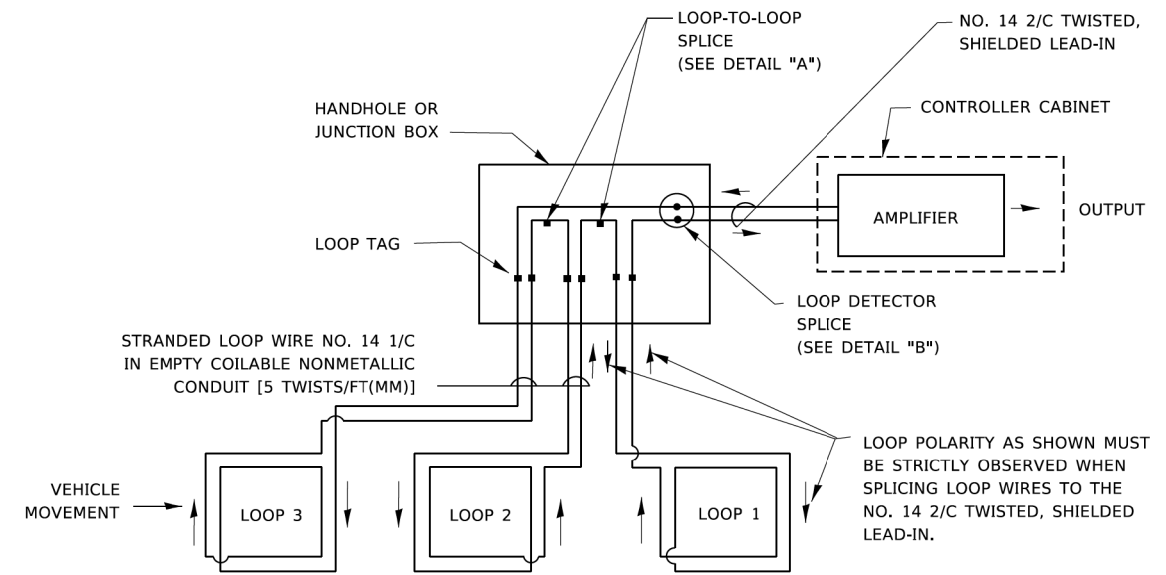
LOOP DETECTOR NOTES

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

LOOP LEAD-IN CABLE TAG

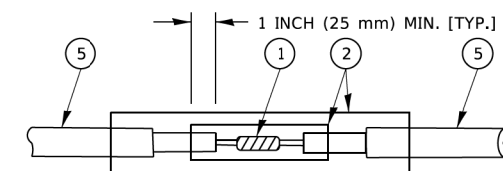


- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

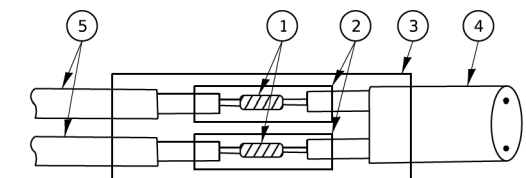


DETECTOR LOOP WIRING SCHEMATIC

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

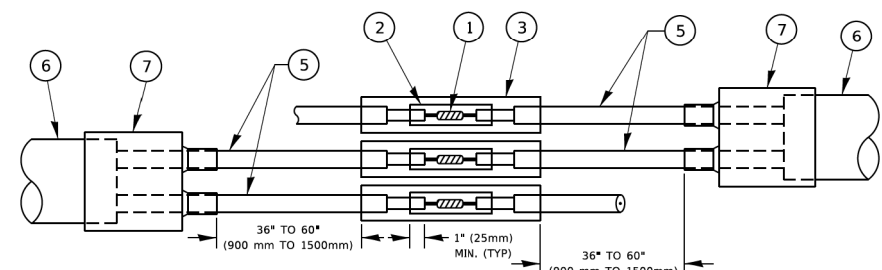


DETAIL "A"
LOOP-TO-LOOP SPLICE

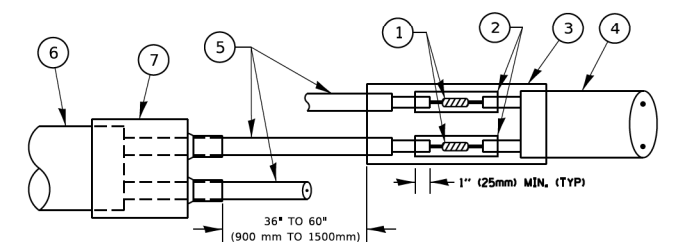


DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A"
LOOP-TO-LOOP SPLICE



DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

PREFORMED LOOP

LOOP DETECTOR SPLICE

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

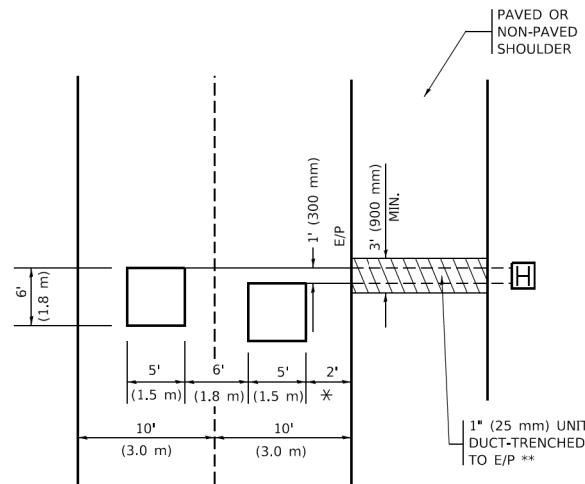
SCALE: NONE SHEET 2 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-020-SW	COOK	67	66
TS-05			CONTRACT NO. 62K90	
ILLINOIS FED. AID PROJECT				

DET-7

LOOPS NEXT TO SHOULDERS

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

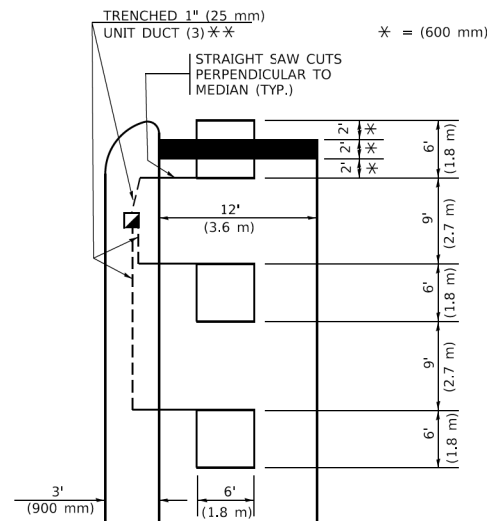


* = (600 mm)

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

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

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

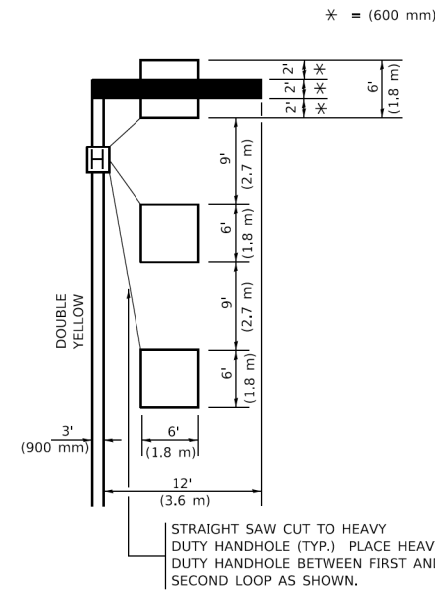


* = (600 mm)

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

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

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



* = (600 mm)

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

NOTES:

VEHICLES LOOP DETECTORS

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

PLACEMENT OF DETECTORS

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

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

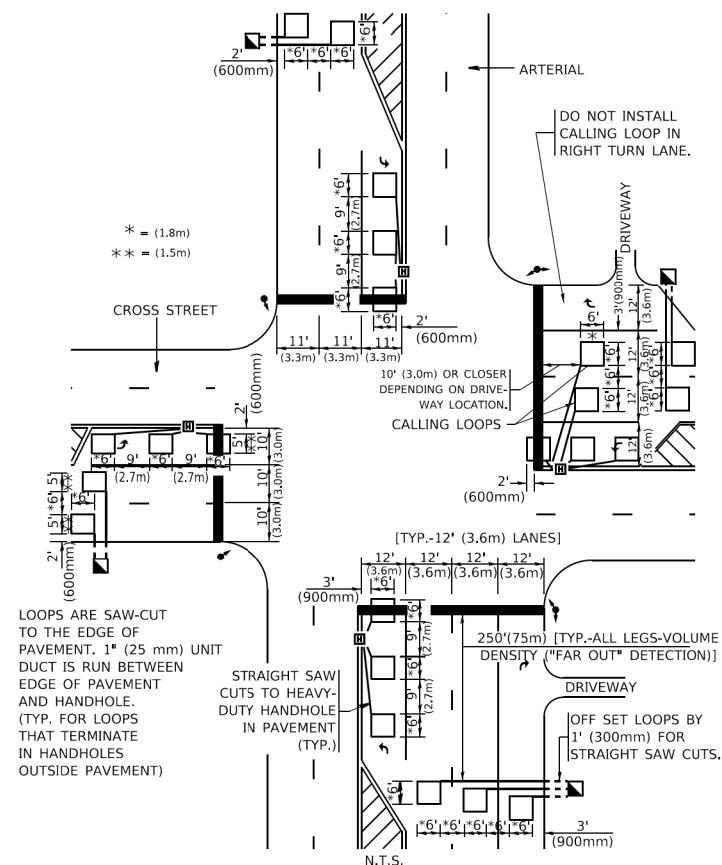
"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0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

NOTE:

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

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

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



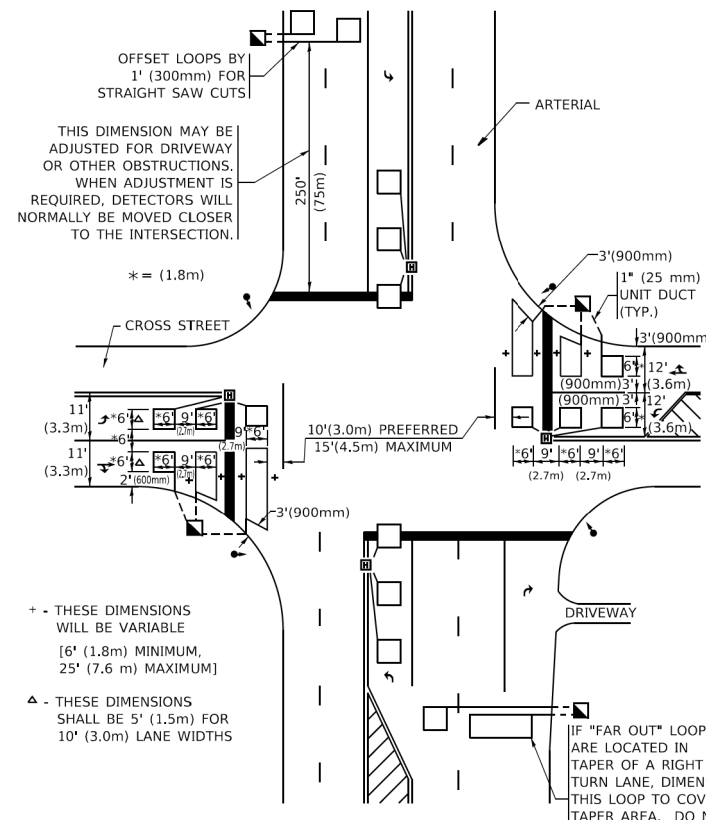
* = (1.8m)
 ** = (1.5m)

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

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

DETAIL 1
 N.T.S.

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



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

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

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

△ 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.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-020-SW	COOK	67	67
TS-07		CONTRACT NO. 62K90		
ILLINOIS FED. AID PROJECT				