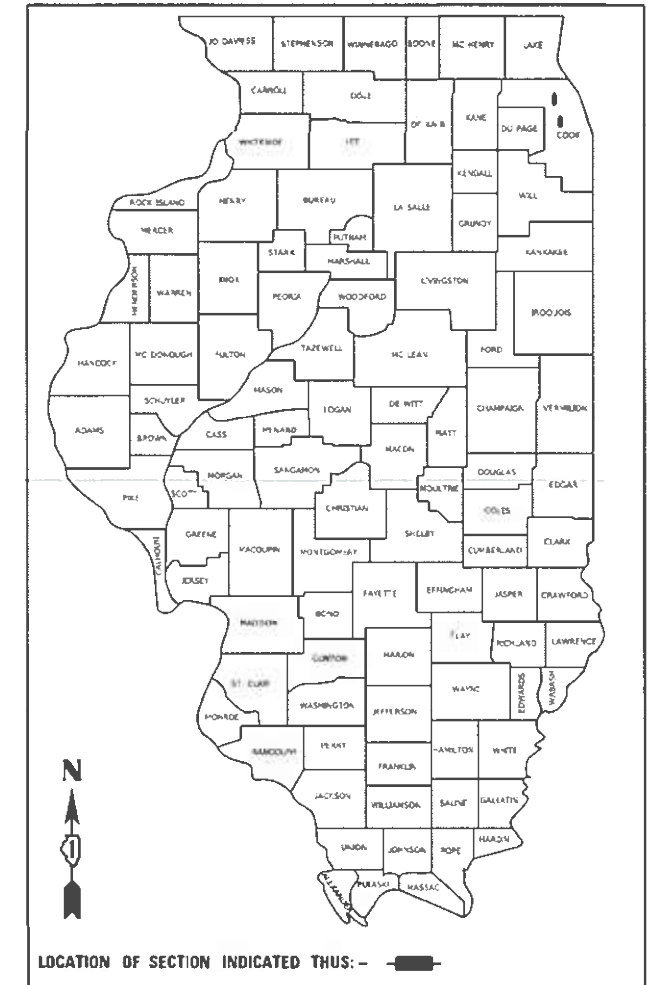


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2020-017-SW	COOK	91	1
ILLINOIS CONTRACT NO. 62K88			

D-91-400-20



**PROPOSED
HIGHWAY PLANS**

VARIOUS ROUTES
SECTION 2020-017-SW
VARIOUS LOCATIONS IN COOK COUNTY
ADA IMPROVEMENTS
COOK COUNTY

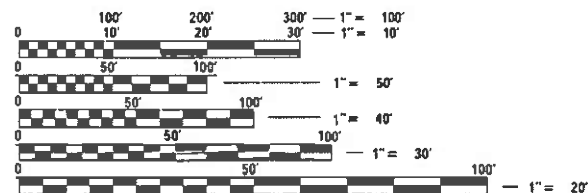
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FOR LOCATION MAPS SEE SHEET NO.4

FOR INDEX OF SHEETS, SEE SHEET NO. 2

IMPROVEMENT IS LOCATED IN:
VILLAGE OF OAK PARK
CITY OF PARK RIDGE

LIMITS	ADT (YEAR)	SPEED LIMIT
ROOSEVELT RD: HARLEM AVE TO WENONAH AVE	20,600 (2018)	30 MPH
ROOSEVELT AT ENTRANCE TO WALGREENS	20,000 (2018)	30 MPH
IL 43: NORTH AVE TO DIVISION ST	29,300 (2019)	30 MPH
IL 43: DIVISION ST TO CHICAGO AVE	32,100 (2019)	30 MPH
IL 43: CHICAGO AVE TO LAKE ST	34,700 (2019)	30 MPH
IL 43: LAKE ST TO SOUTH BLVD	35,200 (2019)	45 MPH
IL 43: SOUTH BLVD TO RANDOLPH ST	35,300 (2019)	30 MPH
IL 43: RANDOLPH ST TO WASHINGTON BLVD	35,400 (2019)	30 MPH
IL 43: WASHINGTON BLVD TO I-290	38,100 (2019)	30 MPH
IL 43: I-290 TO HARVARD ST	33,400 (2019)	30 MPH
BUSSE HWY AT GREENWOOD RD	9,300 (2018)	35 MPH



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

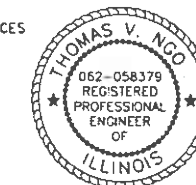
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS
1-800-892-0123
OR 811



[Signature]

DATE SIGNED: 01/22/2021
EXP. DATE: 11/30/2021
SHEETS: 1-70

MILLENNIA PROFESSIONAL SERVICES
THOMAS V. NGO
IL. LIC. NO. 062-058379
EXPIRES 11/30/2021



SIGNED: *[Signature]*
DATE: 01/22/2021
SIGNATURE AND SEAL APPLIES TO DRAW NO 71

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED *January 21 2021*
[Signature] REGIONAL ENGINEER

January 29, 2021
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

January 29, 2021
[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PROJECT ENGINEER: DAN WILGREEN, PE 847-705-4240
PROJECT MANAGER: FAWAD AQUEEL, PE, PTOE 847-705-4247

CONTRACT NO. 62K88

Accurate GROUP, INC.
WWW.ACCGI.COM
101 SCHELTER RD., SUITE B-200
LINCOLNSHIRE, ILLINOIS 60069
T (847) 613-1100 F (847)613-1105
ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184.0020.3

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
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4	LOCATION MAPS
5-8	SUMMARY OF QUANTITIES
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88	TC-10 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS
89	TC-13 DISTRICT ONE TYPICAL PAVEMENT MARKINGS
90	TC-14 TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
91	TC-22 ARTERIAL ROAD INFORMATION SIGN

LIST OF STATE STANDARDS

STANDARD NO.	DESCRIPTION
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424006-05	DIAGONAL CURB RAMPS FOR SIDEWALKS
424011-04	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424021-06	DEPRESSED CORNER FOR SIDEWALKS
442001-04	CLASS A PATCHES
442201-03	CLASS C AND D PATCHES
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' (4.5m) TO 24" (600mm) 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 OPER., FOR SPEEDS > 45 MPH
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS < 40 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701502-09	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
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
701901-07	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
814001-03	HANDHOLES
873001-02	TRAFFIC SIGNAL GROUNDING & BONDING
877001-08	STEEL MAST ARM ASSEMBLY AND POLE 16' THROUGH 55'
878001-11	CONCRETE FOUNDATION DETAILS
880006-01	TRAFFIC SIGNAL MOUNTING DETAILS
886001-01	DETECTOR LOOP INSTALLATIONS

COMMITMENTS

NONE

HMA MIXTURE REQUIREMENTS CHART

OPERATION	MIXTURE TYPE	AIR VOIDS (%) @ Ndes	QUALITY MANAGEMENT PROGRAM (QMP)
PAVEMENT RESURFACING	HMA SURFACE COURSE, MIX "D", N70 (IL 9.5 mm): MIN 1 1/2"	4% @ 70 GYR.	QC/OA
CLASS D PATCHES (SPECIAL)	HMA SURFACE COURSE, MIX "D", N70 (IL 9.5 mm): 2" HMA BINDER COURSE, IL 19.0, N70: 4"	4% @ 70 GYR. 4% @ 70 GYR.	QC/OA QC/OA
PAVEMENT PATCHING (SPECIAL)	HMA SURFACE COURSE, MIX "D", N70 (IL 9.5 mm): 1.5" HMA BINDER COURSE, IL 19.0, N70: VARIES 2" TO 6"	4% @ 70 GYR. 4% @ 70 GYR.	QC/OA QC/OA
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/OA)			

NOTES:

- THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN
- THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.
- FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.
- QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE

GENERAL NOTES

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES (48 HOUR NOTIFICATION IS REQUIRED).
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, THE CITY OF PARK RIDGE, THE VILLAGES OF OAK PARK, RIVER FOREST, AND COOK COUNTY.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- TWO (2) FEET TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER ITEMS OR WORK TO EXISTING CURBS AND GUTTERS AND CONDITIONS IN THE FIELD UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK.
- DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- 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 REMOVED EXCEPT CLASS A PATCHES.
- LOCATION OF PAVEMENT RESURFACING AND CURB AND GUTTER REMOVAL AND REPLACEMENT WILL BE AS BY THE ENGINEER.
- THE CONTRACTOR SHALL USE CARE IN REMOVING OR EXCAVATING NEAR ALL EXISTING ITEMS WHICH WILL REMAIN. ANY DAMAGE DONE TO EXISTING 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.
- UNLESS OTHER CONDITIONS WARRANT EXTENDED LANE CLOSURE AS AND APPROVED IN WRITING BY THE ENGINEER OR AS PROVIDED FOR IN THE CONTRACT SPECIFICATIONS, OVERNIGHT CLOSURES SHALL NOT BE ALLOWED.
- THE RESIDENT ENGINEER SHALL CONTACT ERIC CAMPOS, IDOT'S AREA TRAFFIC FIELD ENGINEER FOR THE COOK COUNTY AREA, VIA EMAIL AT ERIC.CAMPOS@ILLINOIS.GOV A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE RESIDENT 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.
- FRAMES AND GRATES ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE LIMITS OF THE IMPROVEMENTS SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT.
- THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
- ALL CONFLICTING PAVEMENT MARKINGS SHALL BE REMOVED.
- ALL PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE IMPROVEMENT ACCORDING TO THE DISTRICT 1 TYPICAL PAVEMENT MARKING DETAIL STANDARDS.
- THE LOCATION OF EXISTING DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, AND ANY OTHER PUBLIC OR PRIVATE UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE AND THEIR EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND AND SURFACE UTILITIES EVEN THOUGH THEY MIGHT NOT BE SHOWN IN THE PLANS. ANY UTILITY PROPERTY DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER.
- 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 THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT.
- LANDSCAPED AREAS AFFECTED BY SIDEWALK CONSTRUCTION SHALL BE RESTORED WITH "SODDING, SALT TOLERANT" AND "TOPSOIL FURNISH AND PLACE, 4-INCH" INSTALLED FROM THE BACK OF SIDEWALK OR AS DIRECTED BY THE RESIDENT ENGINEER.
- THE SIDEWALK ON ONLY ONE SIDE OF THE ROAD MAY BE CLOSED AT ANY TIME, WHILE THE SIDEWALK ON THE OTHER SIDE OF THE ROAD SHALL REMAIN OPEN AND FULLY ACCESSIBLE. THE CONTRACTOR SHALL PLAN AND SCHEDULE ALL WORK ACCORDINGLY.
- CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- WHEN EXISTING SIDEWALK IS TO BE REMOVED WITHOUT PROPOSED SIDEWALK REPLACEMENT, IT SHALL BE REPLACED WITH TOPSOIL AND SOD.
- PROPOSED SIDEWALK RAMPS SHALL CONFORM TO CURRENT ADA REQUIREMENTS AND APPLICABLE STATE HIGHWAY STANDARDS OR AS DETERMINED BY THE ENGINEER.
- PAVEMENT MARKING REMOVAL - WATER BLASTING, WILL BE USED WHEN PAVEMENT MARKINGS ARE BEING MOVED TO A NEW LOCATION DUE TO THE RAMP RELOCATION. PAVEMENT MARKING REMOVAL - GRINDING, WILL BE USED WHEN PAVEMENT MARKINGS WILL BE REPLACED IN THE SAME LOCATION.
- ANY TYPE 1 FRAME, OPEN LID THAT FALLS WITHIN THE CROSSWALK OR SIDEWALK SHALL BE ADA COMPLIANT.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

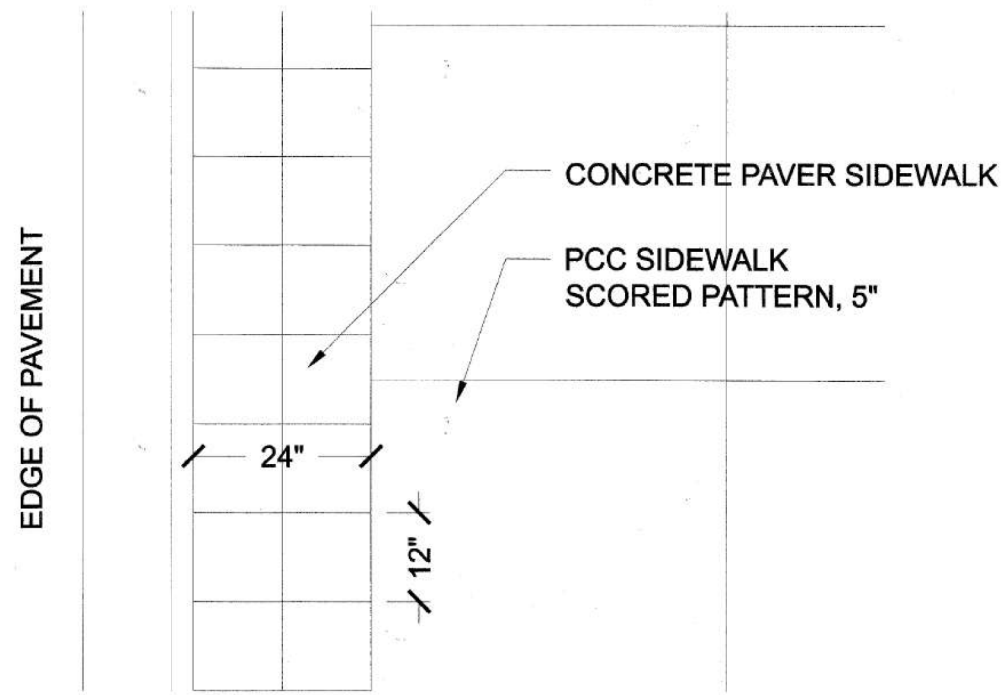
INDEX OF SHEETS, LIST OF STATE STANDARDS, AND GENERAL NOTES	
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO.			62K88	
ILLINOIS FED. AID PROJECT				

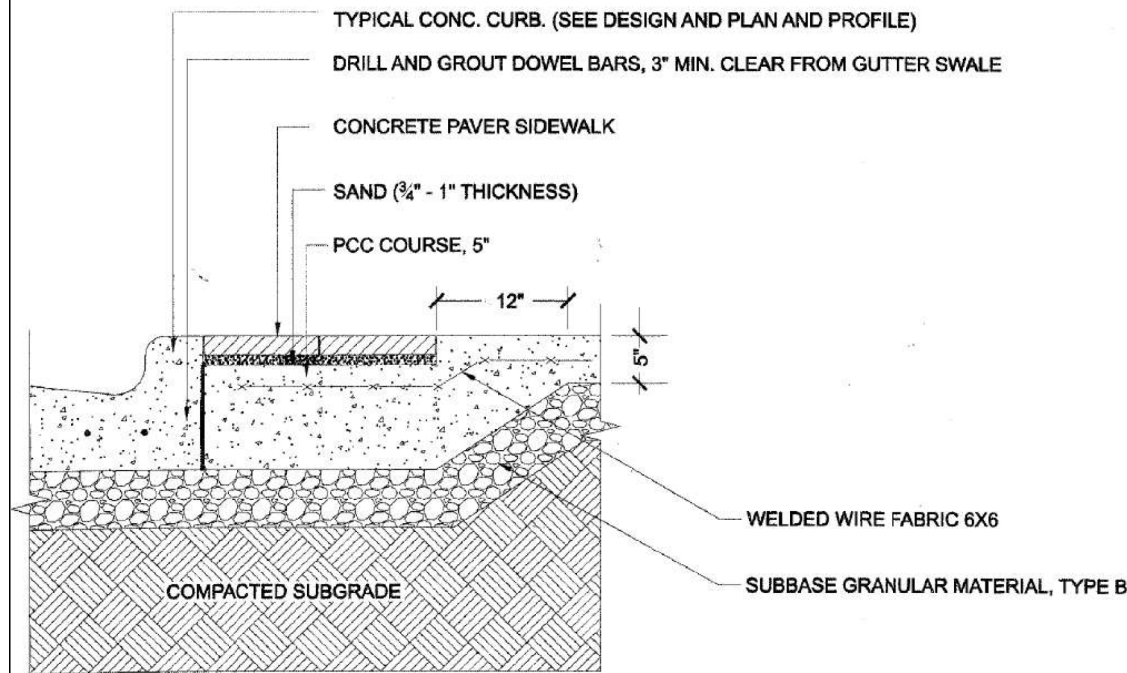
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TRAFFIC SIGNAL GENERAL NOTES

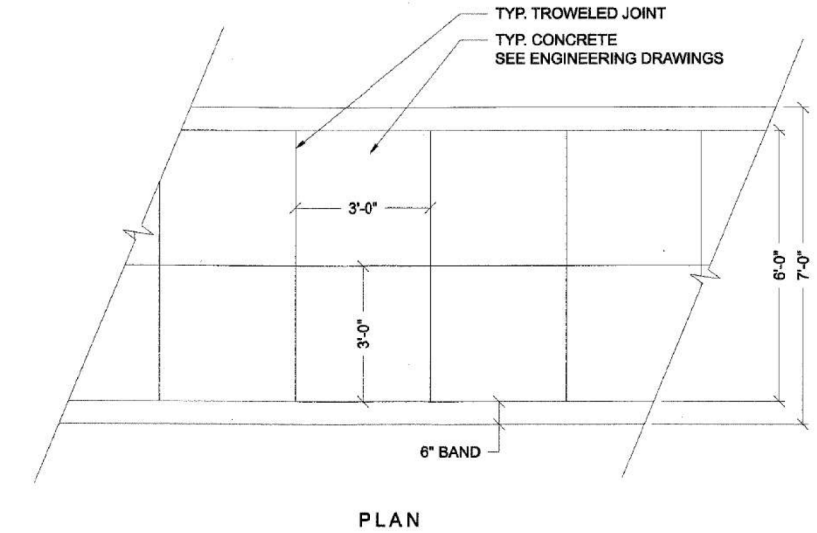
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION. THIS SHALL INCLUDE LOCATING THE MAST ARM FOUNDATIONS AND VERIFYING THE MAST ARMS LENGTHS.
- THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE ORDERING ANY MATERIALS AND STARTING ANY WORK. FOR LOCATIONS OF UTILITIES, LOCALLY OWNED EQUIPMENT, LEASED ENFORCEMENT CAMERA SYSTEM FACILITIES AND IDOT UNDERGROUND FACILITIES, CONTACT THE LOCAL COUNTIES, MUNICIPALITIES AND IDOT FOR LOCATES. THE CONTRACTOR SHALL CALL "JULIE" AT (800) 892-0123 OR 811, IN THE CITY OF CHICAGO CONTACT DIGGER AT (312) 744-7000 FOR FIELD LOCATIONS OF BURIED UTILITIES (48 HOURS NOTIFICATION REQUIRED).
- IF THIS CONTRACT REQUIRES THE SERVICES OF AN ELECTRICAL CONTRACTOR, THE CONTRACTOR SHALL BE RESPONSIBLE AT HIS/HER OWN EXPENSE FOR LOCATING EXISTING IDOT ELECTRICAL FACILITIES PRIOR TO PERFORMING ANY WORK. IF THIS CONTRACT DOES NOT REQUIRE THE SERVICES OF AN ELECTRICAL CONTRACTOR, THE CONTRACTOR MAY REQUEST ONE FREE LOCATE FOR EXISTING IDOT ELECTRICAL FACILITIES FROM THE DISTRICT ONE ELECTRICAL MAINTENANCE CONTRACTOR PRIOR TO THE START OF ANY WORK. ADDITIONAL REQUESTS MAY BE AT THE EXPENSE OF THE CONTRACTOR. THE LOCATION OF UNDERGROUND TRAFFIC FACILITIES DOES NOT RELIEVE THE CONTRACTOR OF THEIR RESPONSIBILITY TO REPAIR ANY FACILITIES DAMAGED DURING CONSTRUCTION AT THEIR EXPENSE.
- THE CONTRACTOR SHALL CHECK THE PROPOSED TRAFFIC SIGNAL EQUIPMENT LOCATIONS FOR OVERHEAD UTILITY CONFLICTS. THE CONTRACTOR SHALL COORDINATE ANY CONFLICTS WITH THE UTILITY COMPANIES AND THE RESIDENT ENGINEER BEFORE ORDERING MATERIALS.
- RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCLUDED IN THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIAN, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY
- A CONCRETE APRON SHALL NOT BE REQUIRED FOR NEW UPS INSTALLATIONS ADJACENT TO EXISTING IMPERVIOUS SURFACES THAT SATISFY THE NEED OF CONCRETE APRON, AS DIRECTED BY THE ENGINEER.



1 Typical Concrete Paver Sidewalk
Scale: 1"=2'

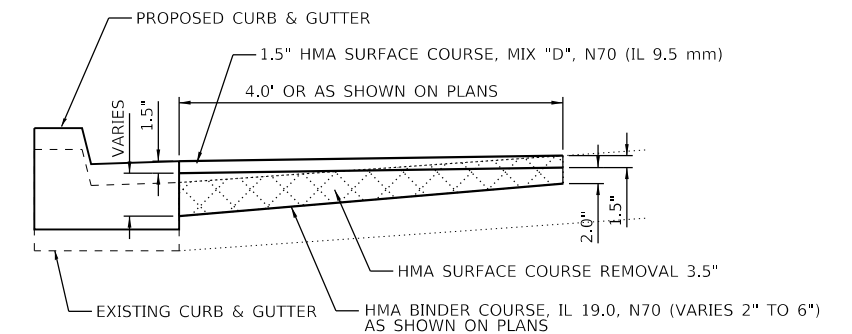


2 Typical 24" Double Paver Soldier Course - SECTION
Scale: 1"=2'



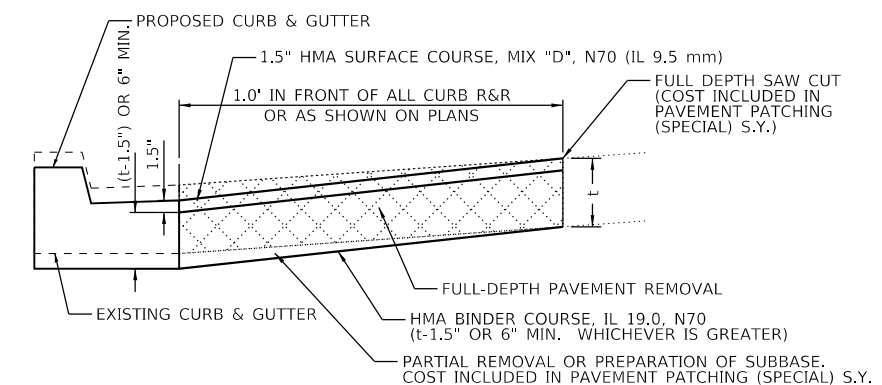
5 Patterned Concrete Crosswalk
Scale: 1"=4'

PAVEMENT PATCHING (SPECIAL) DETAIL



PAVEMENT PATCHING (SPECIAL) IN SQUARE YARDS INCLUDES 3.5" HMA SURFACE COURSE REMOVAL, TONS OF BINDER COURSE AND TONS OF SURFACE COURSE AS SHOWN IN THE PLANS FOR EACH LOCATION

CLASS D PATCHES 6 INCH (SPECIAL) DETAIL



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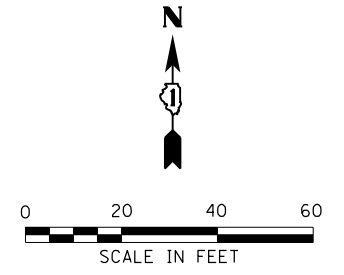
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL GENERAL NOTES AND DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	3
CONTRACT NO.			62K88	
ILLINOIS FED. AID PROJECT				



CITY OF PARK RIDGE
LOCATION MAP NOT TO SCALE

- IL 43 (HARLEM AVE)
- AT NORTH AVE
- AT LEMOYNE PKWY
- AT GREENFIELD ST
- AT BERKSHIRE ST
- AT DIVISION ST
- AT THOMAS ST
- AT AUGUSTA ST
- AT MILLER ST
- AT SCHNEIDER AVE
- AT IOWA ST
- AT PAULINA ST
- AT EXIT FROM TCF BANK
- AT CHICAGO AVE
- AT 744 HARLEM AVE
- AT SUPERIOR ST
- AT OAK AVE
- AT EXIT FROM BYLINE BANK
- AT ERIE ST
- AT QUICK AVE
- AT ONTARIO ST
- AT LAKE ST
- AT WESTGATE ST
- AT GARDEN CT
- AT CENTRAL AVE/NORTH BLVD
- AT SOUTH BLVD
- AT CIRCLE AVE
- AT FRANKLIN ST/PLEASANT ST
- AT DIXON ST
- AT RANDOLPH ST
- AT WASHINGTON BLVD
- AT MADISON ST
- AT MONROE ST
- AT ADAMS ST
- AT JACKSON BLVD
- AT HARRISON ST/GARFIELD ST
- AT LEXINGTON ST
- AT HARVARD ST

- ROOSEVELT RD
- AT HARLEM AVE
- AT EXIT FROM BANK/WENONAH AVE
- AT ENTRANCE TO WALGREENS



VILLAGE OF OAK PARK

LOCATION MAP NOT TO SCALE

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PEDESTRIAN RAMPS - VARIOUS ROUTES
LOCATION MAPS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	4
CONTRACT NO.			62K88	
ILLINOIS		FED. AID PROJECT		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				100% STATE	
				ROADWAY 0021 URBAN	TRAFFIC SIGNALS 0021 URBAN
20101200	TREE ROOT PRUNING	EACH	11	11	
20200100	EARTH EXCAVATION	CU YD	348	348	
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	740	740	
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	10	10	
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	10	10	
25200110	SODDING, SALT TOLERANT	SQ YD	559	559	
25200200	SUPPLEMENTAL WATERING	UNIT	8	8	
40604062	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70	TON	19	19	
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	238	238	
42001300	PROTECTIVE COAT	SQ YD	3880	3880	
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	26330.5	26330.5	
42400800	DETECTABLE WARNINGS	SQ FT	1930	1930	
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	125	125	
44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	17	17	

* SPECIALTY ITEMS

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				100% STATE	
				ROADWAY 0021 URBAN	TRAFFIC SIGNALS 0021 URBAN
44000300	CURB REMOVAL	FOOT	47	47	
44000600	SIDEWALK REMOVAL	SQ FT	25666	25666	
44003100	MEDIAN REMOVAL	SQ FT	159	159	
44200929	CLASS B PATCHES, TYPE I, 8 INCH	SQ YD	8.5	8.5	
44213200	SAW CUTS	FOOT	38	38	
44213204	TIE BARS 3/4"	EACH	36	36	
60250200	CATCH BASINS TO BE ADJUSTED	EACH	15	15	
60255500	MANHOLES TO BE ADJUSTED	EACH	12	12	
60260100	INLETS TO BE ADJUSTED	EACH	14	14	
60260300	INLETS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	6	6	
60265700	VALVE VAULTS TO BE ADJUSTED	EACH	2	2	
60266600	VALVE BOXES TO BE ADJUSTED	EACH	7	7	
60600605	CONCRETE CURB, TYPE B	FOOT	54	54	
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	348	348	

* SPECIALTY ITEMS

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	5
CONTRACT NO. 62K88			ILLINOIS FED. AID PROJECT	

REV-SEP

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				100% STATE	
				ROADWAY 0021 URBAN	TRAFFIC SIGNALS 0021 URBAN
* 66900530	SOIL DISPOSAL ANALYSIS	EACH	10	10	
* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	L SUM	1	1	
* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	L SUM	1	1	
* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	26	26	
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	12	
67100100	MOBILIZATION	L SUM	1	1	
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1	
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	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	
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	8053	8053	
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	2326	2326	

* SPECIALTY ITEMS

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				100% STATE	
				ROADWAY 0021 URBAN	TRAFFIC SIGNALS 0021 URBAN
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	1718	1718	
78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	5085	5085	
78300202	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	2741	2741	
* 81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	132		132
* 81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	22		22
* 81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	76		76
* 81400100	HANDHOLE	EACH	1		1
* 81400200	HEAVY-DUTY HANDHOLE	EACH	2		2
* 85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	16	15	1
* 87301215	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	231		231
* 87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	239		239
* 87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	500		500
* 87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	335		335
* 87301305	ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 PAIR	FOOT	400		400

* SPECIALTY ITEMS

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PLOT DATE = 2/3/2021	DATE - 07-24-2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	6
			CONTRACT NO. 62K88	
		ILLINOIS FED. AID PROJECT		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				100% STATE	
				ROADWAY 0021 URBAN	TRAFFIC SIGNALS 0021 URBAN
* 87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	135		135
* 87502500	TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	1		1
* 87700280	STEEL MAST ARM ASSEMBLY AND POLE, 48 FT.	EACH	1		1
* 87800100	CONCRETE FOUNDATION, TYPE A	FOOT	4		4
* 87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	13		13
* 87900100	DRILL EXISTING FOUNDATION	EACH	4		4
* 88030020	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	2		2
* 88030050	SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1		1
* 88030100	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1		1
* 88030110	SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	1		1
* 88200410	TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	3		3
* 88600100	DETECTOR LOOP, TYPE I	FOOT	180		180
* 88600600	DETECTOR LOOP REPLACEMENT	FOOT	555	555	
* 89500200	RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	2		2

* SPECIALTY ITEMS

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				100% STATE	
				ROADWAY 0021 URBAN	TRAFFIC SIGNALS 0021 URBAN
* 89500400	RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	EACH	49	47	2
* 89502300	REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	600		600
* 89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1		1
* 89502376	REBUILD EXISTING HANDHOLE	EACH	20	20	
* 89502380	REMOVE EXISTING HANDHOLE	EACH	1		1
* 89502385	REMOVE EXISTING CONCRETE FOUNDATION	EACH	3		3
K1003680	MULCH	SQ YD	181	181	
X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1	1	
X0326806	WASHOUT BASIN	L SUM	1	1	
X0326864	BRICK SIDEWALK REMOVAL	SQ FT	110	110	
X0327149	RELOCATE BENCH	EACH	1	1	
X0327611	REMOVE AND REINSTALL BRICK PAVER	SQ FT	615	615	
X0327890	DRIVEWAY REMOVAL AND REPLACEMENT	SQ YD	52	52	
* X1400367	PEDESTRIAN SIGNAL POST, 10 FT.	EACH	1		1

* SPECIALTY ITEMS

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	7
			CONTRACT NO. 62K88	
		ILLINOIS FED. AID PROJECT		

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				100% STATE	
				ROADWAY 0021 URBAN	TRAFFIC SIGNALS 0021 URBAN
X1700108	CURB AND GUTTER (SPECIAL)	FOOT	3519	3519	
* X2600012	REMOVE AND RELOCATE SIGN PANEL AND POLE ASSEMBLY	EACH	3	3	
X4400500	COMBINATION CURB AND GUTTER REMOVAL (SPECIAL)	FOOT	3577	3577	
X4400501	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT LESS THAN OR EQUAL TO 10 FEET	FOOT	130.3	130.3	
X4420201	PAVEMENT PATCHING (SPECIAL)	SQ YD	160	160	
* X8140238	REBUILD EXISTING DOUBLE HANDHOLE	EACH	6	6	
* X8780012	CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	4		4
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	67	67	
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	873.8	873.8	
Z0064800	SELECTIVE CLEARING	UNIT	1	1	
X4420480	CLASS D PATCHES, TYPE I, 6 INCH (SPECIAL)	SQ YD	261	261	
X4420482	CLASS D PATCHES, TYPE II, 6 INCH (SPECIAL)	SQ YD	118	118	
X4420484	CLASS D PATCHES, TYPE III, 6 INCH (SPECIAL)	SQ YD	19	19	
X4420486	CLASS D PATCHES, TYPE IV, 6 INCH (SPECIAL)	SQ YD	32	32	

* SPECIALTY ITEMS

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	8
CONTRACT NO.			62K88	
ILLINOIS FED. AID PROJECT				

REV-SEP

INTERSECTION	20101200 TREE ROOT PRUNING EACH	20200100 EARTH EXCAVATION CU YD	21101615 TOPSOIL F& P 4 SQ YD	25000400 NITROGEN FERT NUTR POUND	25000600 POTASSIUM FERT NUTR POUND	25200110 SODDING SALT TOLERANT SQ YD	25200200 SUPPLE WATERING UNIT	40604062 HMA SC "D", N70 VARIES 1.5" TO 3" TON	40800029 BIT MATLS TACK CT POUND	42001300 PROTECTIVE COAT SQ YD	42400200 PC CONC SIDEWALK 5" SQ FT	42400800 DETECTABLE WARNINGS SQ FT	44000155 HMA SURF REM 1 1/2 SQ YD
OAK PARK													
HARLEM AVE AND ROOSEVELT RD	0	10	20	0.00	0.00	0	0.00	0	6.5	110	700	54	0
EXIT FROM BANK/WENONAH AVE AND ROOSEVELT	0	1	0	0.00	0.00	0	0.00	0	0.6	16	125.5	8	0
ENTRANCE TO WALGREENS AND ROOSEVELT RD	0	3	8	0.00	0.00	0	0.00	0	0.7	29	221.5	71	0
HARVARD ST AND IL 43 (HARLEM AVE)	1	7	7	0.13	0.13	7	0.11	0.7	3.9	116	605	43	0
LEXINGTON ST AND IL 43 (HARLEM AVE)	1	15	34	0.46	0.46	25	0.38	0	5.8	165	1191.5	73	0
HARRISON ST / GARFIELD ST. AND IL 43 (HARLEM AVE)	0	16	22	0.41	0.41	22	0.33	0	3.1	170	1051	92	0
JACKSON BLVD AND IL 43 (HARLEM AVE)	0	14	24	0.30	0.30	16	0.24	0	9.0	162	999	91	0
ADAMS ST AND IL 43 (HARLEM AVE)	1	6	11	0.07	0.07	4	0.06	0	3.5	72	390	33	0
MONROE ST AND IL 43 (HARLEM AVE)	1	7	25	0.46	0.46	25	0.38	0	4.2	81	539.5	32	0
MADISON ST AND IL 43 (HARLEM AVE)	0	6	16	0.00	0.00	0	0.00	0	5.0	83	492.5	31	0
WASHINGTON BLVD AND IL 43 (HARLEM AVE)	0	8	0	0.00	0.00	0	0.00	0	7.8	79	738.5	58	0
RANDOLPH ST AND IL 43 (HARLEM AVE)	0	12	19	0.20	0.20	10.7	0.16	0	7.1	133	961	49	0
DIXON ST AND IL 43 (HARLEM AVE)	0	2	6	0.11	0.11	6	0.09	0.8	5.4	26	149	12	9.6
FRANKLIN ST / PLEASANT ST AND IL 43 (HARLEM AVE)	0	12	19	0.35	0.35	19	0.29	0.6	6.8	131	884	81	0
CIRCLE AVE AND IL 43 (HARLEM AVE)	0	6	3	0.00	0.00	0	0.00	0	4.0	80	550.5	34	0
SOUTH BLVD AND IL 43 (HARLEM AVE)	0	3	0	0.00	0.00	0	0.00	0	2.0	46	337.5	16	0
CENTRAL AVE / NORTH BLVD. AND IL 43 (HARLEM	0	10	0	0.00	0.00	0	0.00	0	16.7	137	992	45	0
RIVER FOREST TOWNE CENTER AND IL 43 (HARLEM	0	10	6	0.00	0.00	0	0.00	0	2.4	107	686.5	62	0
WESTGATE ST AND IL 43 (HARLEM AVE)	0	6	1	0.00	0.00	0	0.00	0	1.8	79	644	23	0
LAKE ST AND IL 43 (HARLEM AVE)	0	24	3	0.00	0.00	0	0.00	5.5	8.8	284	2171	108	0
ONTARIO ST AND IL 43 (HARLEM AVE)	3	7	22	0.19	0.19	10	0.15	0	4.3	82	525.5	49	0
QUICK AVE AND IL 43 (HARLEM AVE)	0	4	13	0.24	0.24	13	0.20	0	2.8	45	286	32	0
ERIE ST AND IL 43 (HARLEM AVE)	0	9	13	0.13	0.13	7	0.11	0	4.9	99	677.5	53	0
EXIT FROM TCF BANK AND IL 43 (HARLEM AVE)	0	3	5	0.00	0.00	0	0.00	0	2.2	40	224.5	20	0
OAK AVE AND IL 43 (HARLEM AVE)	0	6	18	0.17	0.17	9	0.14	0	2.7	58	380.5	35	0
SUPERIOR ST AND IL 43 (HARLEM AVE)	0	5	17	0.32	0.32	17	0.26	0	4.0	65	426.5	32	0
744 HARLEM AVE AND IL 43 (HARLEM AVE)	0	1	3	0.06	0.06	3	0.05	0	1.1	19	123.5	21	0
CHICAGO AVE AND IL 43 (HARLEM AVE)	0	3	5	0.00	0.00	0	0.00	0.7	6.3	42	258	14	8
PAULINA ST AND IL 43 (HARLEM AVE)	0	7	20	0.30	0.30	16	0.24	0	4.1	78	524.5	39	0
IOWA ST AND IL 43 (HARLEM AVE)	1	8	35	0.50	0.50	27	0.41	0	1.6	68	490.5	25	0
SCHNEIDER AVE AND IL 43 (HARLEM AVE)	1	6	22	0.33	0.33	18	0.27	0	3.5	70	480.5	31	0
MILLER ST AND IL 43 (HARLEM AVE)	1	7	28	0.35	0.35	19	0.29	1.1	8.2	74	479	35	9.6
AUGUSTA ST AND IL 43 (HARLEM AVE)	1	20	57	0.93	0.93	50	0.75	0	5.5	154	1067	69	0
THOMAS ST AND IL 43 (HARLEM AVE)	0	19	58	1.02	1.02	55	0.83	1.4	11.6	161	1105	75	11.4
DIVISION ST AND IL 43 (HARLEM AVE)	0	16	34	0.50	0.50	27	0.41	0	7.4	174	1199	82	0
BERKSHIRE ST AND IL 43 (HARLEM AVE)	0	1	27	0.50	0.50	27	0.41	0	1.8	21	113.5	20	0
GREENFIELD ST AND IL 43 (HARLEM AVE)	0	14	49	0.91	0.91	49	0.74	0	3.9	123	861	79	0
LEMOYNE PKWY AND IL 43 (HARLEM AVE)	0	12	42	0.78	0.78	42	0.63	6.6	36.5	135	888.5	80	65
NORTH AVE AND IL 43 (HARLEM AVE)	0	12	13	0.00	0.00	0	0.00	0	6.2	145	1021.5	63	0
PARK RIDGE													
BUSSE HWY AND GREENWOOD RD	0	10	35	0.65	0.65	35	0.53	2	14.7	121	769	60	21
TOTAL	11	348	740	10	10	559	8	19	238	3880	26330.5	1930	125

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	9
			CONTRACT NO. 62K88	
		ILLINOIS	FED. AID PROJECT	

INTERSECTION	44000200 DRIVEWAY PAVMT REMOVAL SQ YD	44000300 CURB REMOVAL FOOT	44000600 SIDEWALK REM SQ FT	44003100 MEDIAN REM SQ FT	44200929 CLASS B PATCHES TY1, 8 INCH SQ YD	44213200 SAW CUTS FOOT	44213204 TIE BARS 3/4" EACH	60250200 CATCH BASINS ADJUST EACH	60255500 MANHOLES TO BE ADJUSTED EACH	60260100 INLETS TO BE ADJUSTED EACH	60260300 INLETS TO BE ADJ W/ NEW TY 1 FRAME, OPEN LID EACH	60265700 VALVE VAULTS TO BE ADJUST EACH	60266600 VALVE BOX TO BE ADJUST EACH
OAK PARK													
HARLEM AVE AND ROOSEVELT RD	1.7	0	665	0	0	0	0	3	0	0	0	0	0
EXIT FROM BANK/WENONAH AVE AND ROOSEVELT	0	0	126	0	4.8	16	12	0	0	0	0	0	0
ENTRANCE TO WALGREENS AND ROOSEVELT RD	0	0	222	0	2.4	16	12	0	0	0	0	0	0
HARVARD ST AND IL 43 (HARLEM AVE)	0	0	599	0	0	0	0	0	1	0	1	0	0
LEXINGTON ST AND IL 43 (HARLEM AVE)	0	0	1146	0	0	0	0	1	1	0	2	0	0
HARRISON ST / GARFIELD ST. AND IL 43 (HARLEM AVE)	5.7	0	967	0	0	0	0	0	0	3	2	1	0
JACKSON BLVD AND IL 43 (HARLEM AVE)	4.9	0	942	0	0	0	0	0	3	2	0	0	0
ADAMS ST AND IL 43 (HARLEM AVE)	0	0	373	0	0	0	0	0	0	0	0	0	0
MONROE ST AND IL 43 (HARLEM AVE)	0	0	518	0	0	0	0	0	0	0	0	0	0
MADISON ST AND IL 43 (HARLEM AVE)	0	34	489	0	0	0	0	0	0	0	0	0	0
WASHINGTON BLVD AND IL 43 (HARLEM AVE)	0	13	741	0	0	0	0	3	0	0	0	0	0
RANDOLPH ST AND IL 43 (HARLEM AVE)	1.9	0	920	0	0	0	0	2	1	1	0	0	0
DIXON ST AND IL 43 (HARLEM AVE)	0	0	144	0	0	0	0	0	0	0	0	0	0
FRANKLIN ST / PLEASANT ST AND IL 43 (HARLEM AVE)	0	0	949	0	0	0	0	0	2	0	0	0	0
CIRCLE AVE AND IL 43 (HARLEM AVE)	0	0	550	0	0	0	0	1	0	0	0	0	0
SOUTH BLVD AND IL 43 (HARLEM AVE)	0	0	337	0	0	0	0	0	0	0	0	0	0
CENTRAL AVE / NORTH BLVD. AND IL 43 (HARLEM	0	0	992	0	0	0	0	1	1	0	0	1	0
RIVER FOREST TOWNE CENTER AND IL 43 (HARLEM	0	0	447	0	0	0	0	1	0	0	0	0	0
WESTGATE ST AND IL 43 (HARLEM AVE)	0	0	644	0	0	0	0	0	0	0	0	0	1
LAKE ST AND IL 43 (HARLEM AVE)	0	0	2171	0	0	0	0	1	0	0	0	0	0
ONTARIO ST AND IL 43 (HARLEM AVE)	0	0	529	0	0	0	0	1	0	0	0	0	0
QUICK AVE AND IL 43 (HARLEM AVE)	0	0	272	0	0	0	0	0	1	0	0	0	0
ERIE ST AND IL 43 (HARLEM AVE)	0	0	733	0	0	0	0	0	0	0	0	0	1
EXIT FROM CHASE BANK AND IL 43 (HARLEM AVE)	0	0	224	0	1.3	6	12	0	0	0	0	0	0
OAK AVE AND IL 43 (HARLEM AVE)	0	0	419	0	0	0	0	0	0	0	0	0	1
SUPERIOR ST AND IL 43 (HARLEM AVE)	0	0	484	0	0	0	0	0	0	0	0	0	0
744 HARLEM AVE AND IL 43 (HARLEM AVE)	0	0	123	0	0	0	0	0	1	0	0	0	0
CHICAGO AVE AND IL 43 (HARLEM AVE)	0	0	252	0	0	0	0	0	0	0	1	0	0
PAULINA ST AND IL 43 (HARLEM AVE)	0	0	513	0	0	0	0	0	0	2	0	0	0
IOWA ST AND IL 43 (HARLEM AVE)	0	0	435	0	0	0	0	0	0	0	0	0	0
SCHNEIDER AVE AND IL 43 (HARLEM AVE)	0	0	478	0	0	0	0	0	0	1	0	0	0
MILLER ST AND IL 43 (HARLEM AVE)	0	0	458	0	0	0	0	0	0	2	0	0	1
AUGUSTA ST AND IL 43 (HARLEM AVE)	0	0	1012	0	0	0	0	0	0	0	0	0	0
THOMAS ST AND IL 43 (HARLEM AVE)	0	0	1021	0	0	0	0	0	0	0	0	0	0
DIVISION ST AND IL 43 (HARLEM AVE)	0	0	1155	0	0	0	0	0	1	1	0	0	1
BERKSHIRE ST AND IL 43 (HARLEM AVE)	0	0	267	0	0	0	0	0	0	0	0	0	0
GREENFIELD ST AND IL 43 (HARLEM AVE)	0	0	796	0	0	0	0	0	0	0	0	0	1
LEMOYNE PKWY AND IL 43 (HARLEM AVE)	0	0	857	0	0	0	0	0	0	0	0	0	1
NORTH AVE AND IL 43 (HARLEM AVE)	0	0	1001	0	0	0	0	1	0	0	0	0	0
PARK RIDGE													
BUSSE HWY AND GREENWOOD RD	2.8	0	695	159	0	0	0	0	0	2	0	0	0
TOTAL	17	47	25666	159	8.5	38	36	15	12	14	6	2	7

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	10
CONTRACT NO.			62K88	
ILLINOIS		FED. AID PROJECT		

INTERSECTION	X0327611 REM & REINSTALL BRICK PAVER SQ FT	X0327890 DRIVEWAY REM & REPLACE SQ YD	X1700108 CURB & GUTTER (SPECIAL) FOOT	X2600012 REM & REL SN P&P ASSY EACH	X4400500 COMB CURB & GUTTER REMOV (SPECIAL) FOOT	X4400500 COMB CURB & GUTTER REM & REPL LESS THAN OR EQUAL TO 10 FEET FOOT	X4420201 PAVEMENT PATCHING (SPECIAL) SQ YD	X8140238 REBUILD EXIST DOUBLE HANDHOLE EACH	Z0018500 DRAINAGE STRUCTURES TO BE CLEANED EACH	CL D PATCH T1 6 (SPECIAL) SQ YD	CL D PATCH T2 6 (SPECIAL) SQ YD	CL D PATCH T3 6 (SPECIAL) SQ YD	CL D PATCH T4 6 (SPECIAL) SQ YD
OAK PARK													
HARLEM AVE AND ROOSEVELT RD	0	2.3	127	0	127	0	0	0	3	0	14.4	0	0
EXIT FROM BANK/WENONAH AVE AND ROOSEVELT	0	0	11	0	11	0	0	0	0	1.4	0	0	0
ENTRANCE TO WALGREENS AND ROOSEVELT RD	34.8	0	0	0	0	5.3	0	0	0	1.6	0	0	0
HARVARD ST AND IL 43 (HARLEM AVE)	0	0	101	0	101	0	0	0	3	8.7	0	0	0
LEXINGTON ST AND IL 43 (HARLEM AVE)	0	0	112	1	112	0	0	0	5	12.8	0	0	0
HARRISON ST / GARFIELD ST. AND IL 43 (HARLEM AVE)	0	0	226	0	226	0	128.4	0	6	6.9	0	0	0
JACKSON BLVD AND IL 43 (HARLEM AVE)	16.6	10.4	173	0	173	0	0	0	2	8.7	11.2	0	0
ADAMS ST AND IL 43 (HARLEM AVE)	0	15	68	1	68	0	0	0	2	7.8	0	0	0
MONROE ST AND IL 43 (HARLEM AVE)	0	0	83	0	83	0	0	0	1	9.4	0	0	0
MADISON ST AND IL 43 (HARLEM AVE)	5	0	98	0	98	0	0	0	0	0	11.1	0	0
WASHINGTON BLVD AND IL 43 (HARLEM AVE)	0	3.1	151	0	151	0	0	0	3	0	17.3	0	0
RANDOLPH ST AND IL 43 (HARLEM AVE)	0	2	139	0	139	0	0	0	4	4.6	11.2	0	0
DIXON ST AND IL 43 (HARLEM AVE)	0	0	39	0	39	0	0	0	1	2.4	0	0	0
FRANKLIN ST / PLEASANT ST AND IL 43 (HARLEM AVE)	0	6.7	131	0	131	0	0	0	4	15	0	0	0
CIRCLE AVE AND IL 43 (HARLEM AVE)	0	0.6	76	1	76	0	0	0	2	2.3	6.5	0	0
SOUTH BLVD AND IL 43 (HARLEM AVE)	6	0	40	0	40	0	0	0	1	4.4	0	0	0
CENTRAL AVE / NORTH BLVD. AND IL 43 (HARLEM AVE)	0	0	102	0	102	0	0	0	1	4.6	13.7	18.7	0
RIVER FOREST TOWNE CENTER AND IL 43 (HARLEM AVE)	211	0	127	0	127	5	0	0	0	5.4	0	0	0
WESTGATE ST AND IL 43 (HARLEM AVE)	0	0	35	0	35	0	0	0	0	4.1	0	0	0
LAKE ST AND IL 43 (HARLEM AVE)	221.5	0	179	0	179	0	0	0	1	8.2	11.4	0	0
ONTARIO ST AND IL 43 (HARLEM AVE)	0	0	84	0	84	0	0	0	1	4.5	5	0	0
QUICK AVE AND IL 43 (HARLEM AVE)	0	0	53	0	53	0	0	0	1	6.2	0	0	0
ERIE ST AND IL 43 (HARLEM AVE)	0	0.6	95	0	95	0	0	0	1	10.8	0	0	0
EXIT FROM TCF BANK AND IL 43 (HARLEM AVE)	0	0	62	0	62	0	0	0	1	4.9	0	0	0
OAK AVE AND IL 43 (HARLEM AVE)	0	0	53	0	53	0	0	0	0	6.1	0	0	0
SUPERIOR ST AND IL 43 (HARLEM AVE)	0	0.8	76	0	76	0	0	0	0	8.8	0	0	0
744 HARLEM AVE AND IL 43 (HARLEM AVE)	0	0	24	0	24	0	0	0	0	2.5	0	0	0
CHICAGO AVE AND IL 43 (HARLEM AVE)	0	1.9	52	0	52	0	0	0	1	5.9	0	0	0
PAULINA ST AND IL 43 (HARLEM AVE)	0	0	80	0	80	0	0	0	2	9.1	0	0	0
IOWA ST AND IL 43 (HARLEM AVE)	0	0	30	0	30	0	0	0	1	3.5	0	0	0
SCHNEIDER AVE AND IL 43 (HARLEM AVE)	0	0	67	0	67	0	10.9	0	2	7.7	0	0	0
MILLER ST AND IL 43 (HARLEM AVE)	0	0	76	0	76	0	0	0	1	8.7	0	0	0
AUGUSTA ST AND IL 43 (HARLEM AVE)	0	0	108	0	108	0	0	0	4	12.3	0	0	0
THOMAS ST AND IL 43 (HARLEM AVE)	30	0	107	0	107	19	0	0	2	14.4	0	0	0
DIVISION ST AND IL 43 (HARLEM AVE)	12	2.1	147	0	147	0	0	0	3	10.6	5.9	0	0
BERKSHIRE ST AND IL 43 (HARLEM AVE)	0	0	0	0	0	36	0	0	0	4.1	0	0	0
GREENFIELD ST AND IL 43 (HARLEM AVE)	0	0	10	0	10	65	0	0	0	8.6	0	0	0
LEMOYNE PKWY AND IL 43 (HARLEM AVE)	0	0	147	0	147	0	0	0	0	16	0	0	0
NORTH AVE AND IL 43 (HARLEM AVE)	0	0	125	0	125	0	0	0	1	8.3	5.4	0	0
PARK RIDGE													
BUSSE HWY AND GREENWOOD RD	78	6.2	105	0	163	0	21.1	0	0	0	11.7	0	32.4
TOTAL	615	52	3519	3	3577	130.3	160	6	67	261	125	19	32

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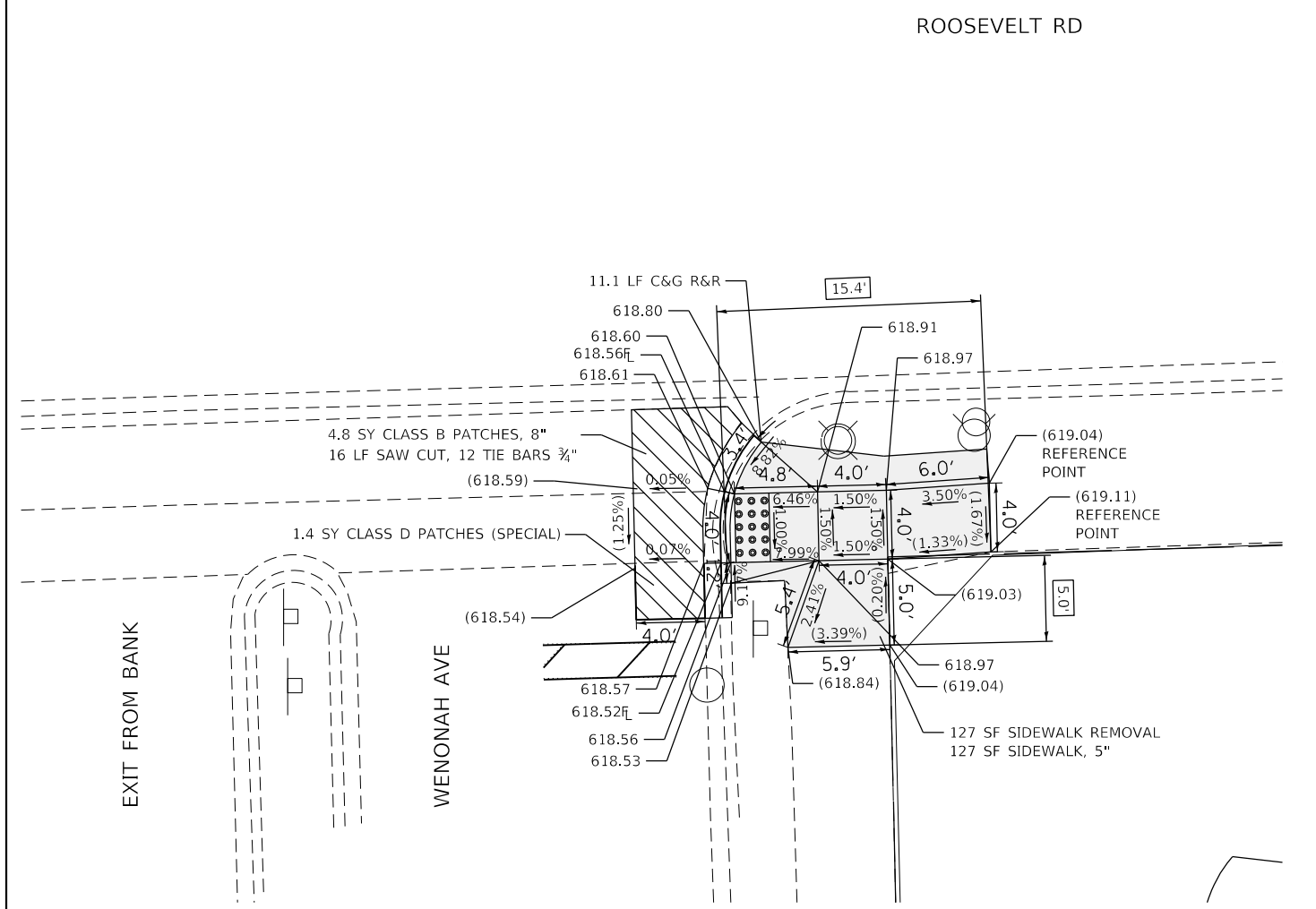
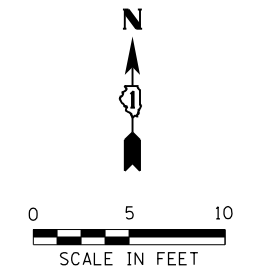
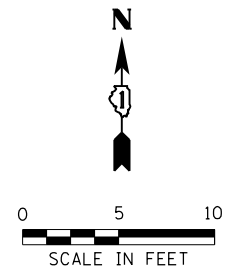


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PLOT DATE = 2/3/2021	DATE - 07-24-2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	12
			CONTRACT NO. 62K88	
		ILLINOIS FED. AID PROJECT		



- PAVEMENT MARKING LEGEND**
- ① THERMOPLASTIC PAVEMENT MARKING- LINE 6" (CROSSWALK, WHITE)
 - ② THERMOPLASTIC PAVEMENT MARKING- LINE 12" (CROSSWALK, WHITE)
 - ③ THERMOPLASTIC PAVEMENT MARKING- LINE 24" (STOP BAR, WHITE)
 - ④ PAVEMENT MARKING REMOVAL- GRINDING
 - ⑤ PAVEMENT MARKING REMOVAL-WATER BLASTING

REFERENCE BENCHMARK ELEV 620.50
 BENCHMARK : SE BOLT OF HYDRANT EAST SIDE OF JEWEL ENTRANCE
 LOCATION : 8 FT NORTH OF ROOSEVELT ROAD

LEGEND

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

REFERENCE BENCHMARK ELEV 620.50
 BENCHMARK : SE BOLT OF HYDRANT EAST SIDE OF JEWEL ENTRANCE
 LOCATION : 8 FT NORTH OF ROOSEVELT ROAD

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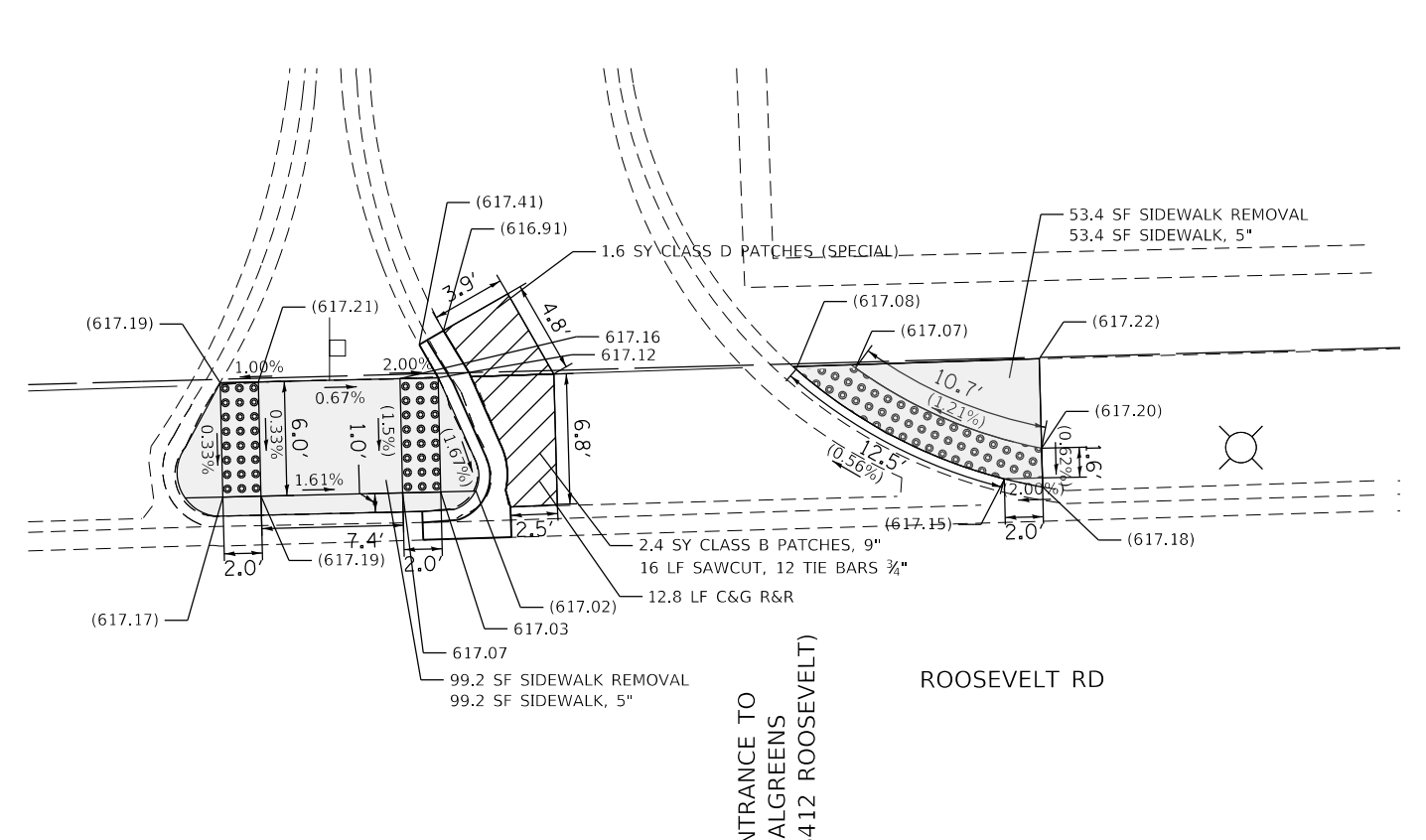
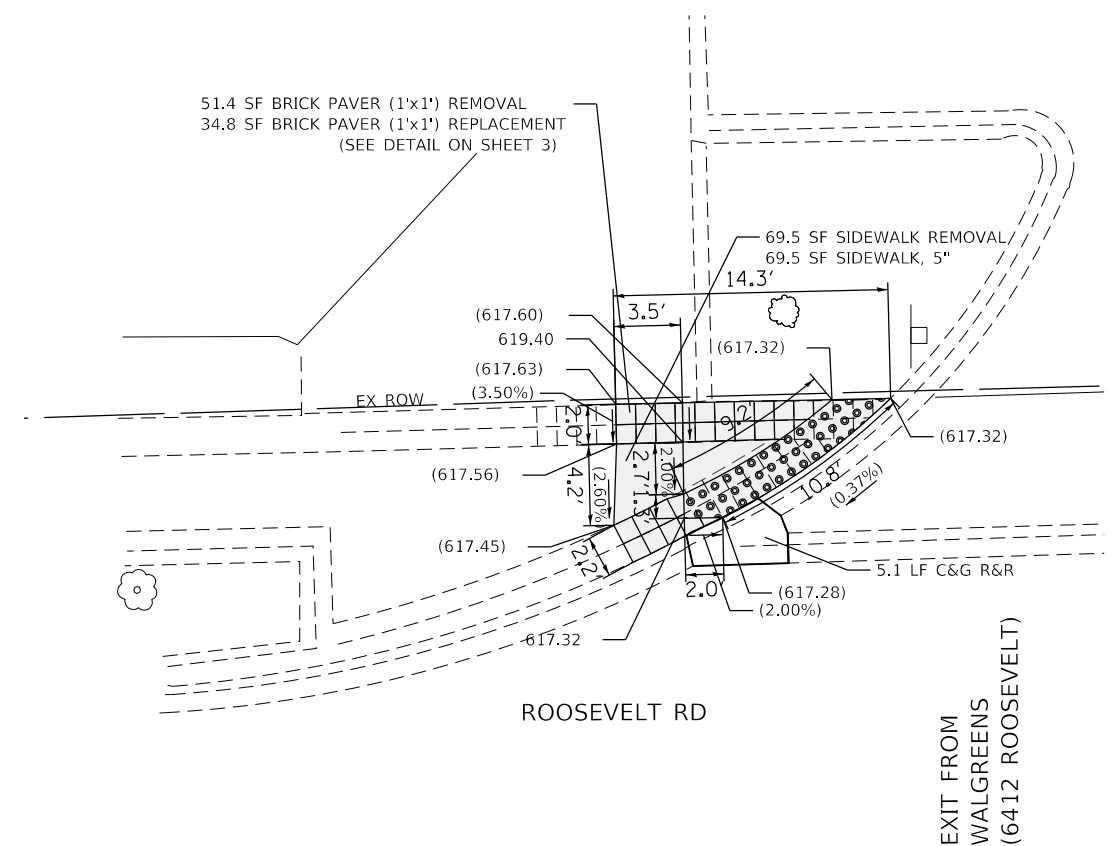
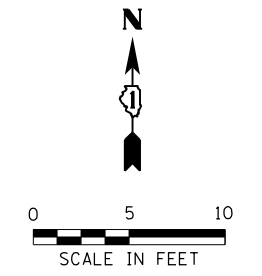
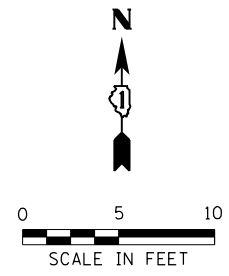
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS - OAK PARK
EXIT FROM BANK /WENONAH AVE AND ROOSEVELT RD**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	14
CONTRACT NO.			62K88	
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.



NOTE:
CONTRACTOR SHALL TAKE EXTREME CARE WHEN REMOVING, STORING,
AND REPLACING 1'x1' TILES. ANY REMAINING FULL TILES SHALL BE SAVED AND
CM TO COORDINATE WITH VILLAGE OF OAK PARK FOR STORAGE AND FUTURE USE.

PAVEMENT MARKING LEGEND

①	THERMOPLASTIC PAVEMENT MARKING- LINE 6" (CROSSWALK, WHITE)
②	THERMOPLASTIC PAVEMENT MARKING- LINE 12" (CROSSWALK, WHITE)
③	THERMOPLASTIC PAVEMENT MARKING- LINE 24" (STOP BAR, WHITE)
④	PAVEMENT MARKING REMOVAL- GRINDING
⑤	PAVEMENT MARKING REMOVAL-WATER BLASTING

REFERENCE BENCHMARK ELEV 617.04
BENCHMARK : SQUARE CUT IN N CONC. BASE OF TRAFFIC SIGNAL SW CORNER
LOCATION : 4 FT SOUTH OF ROOSEVELT ROAD AT RIDGELAND AVENUE

REFERENCE BENCHMARK ELEV 617.04
BENCHMARK : SQUARE CUT IN N CONC. BASE OF TRAFFIC SIGNAL SW CORNER
LOCATION : 4 FT SOUTH OF ROOSEVELT ROAD AT RIDGELAND AVENUE

LEGEND

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

MODEL: Default
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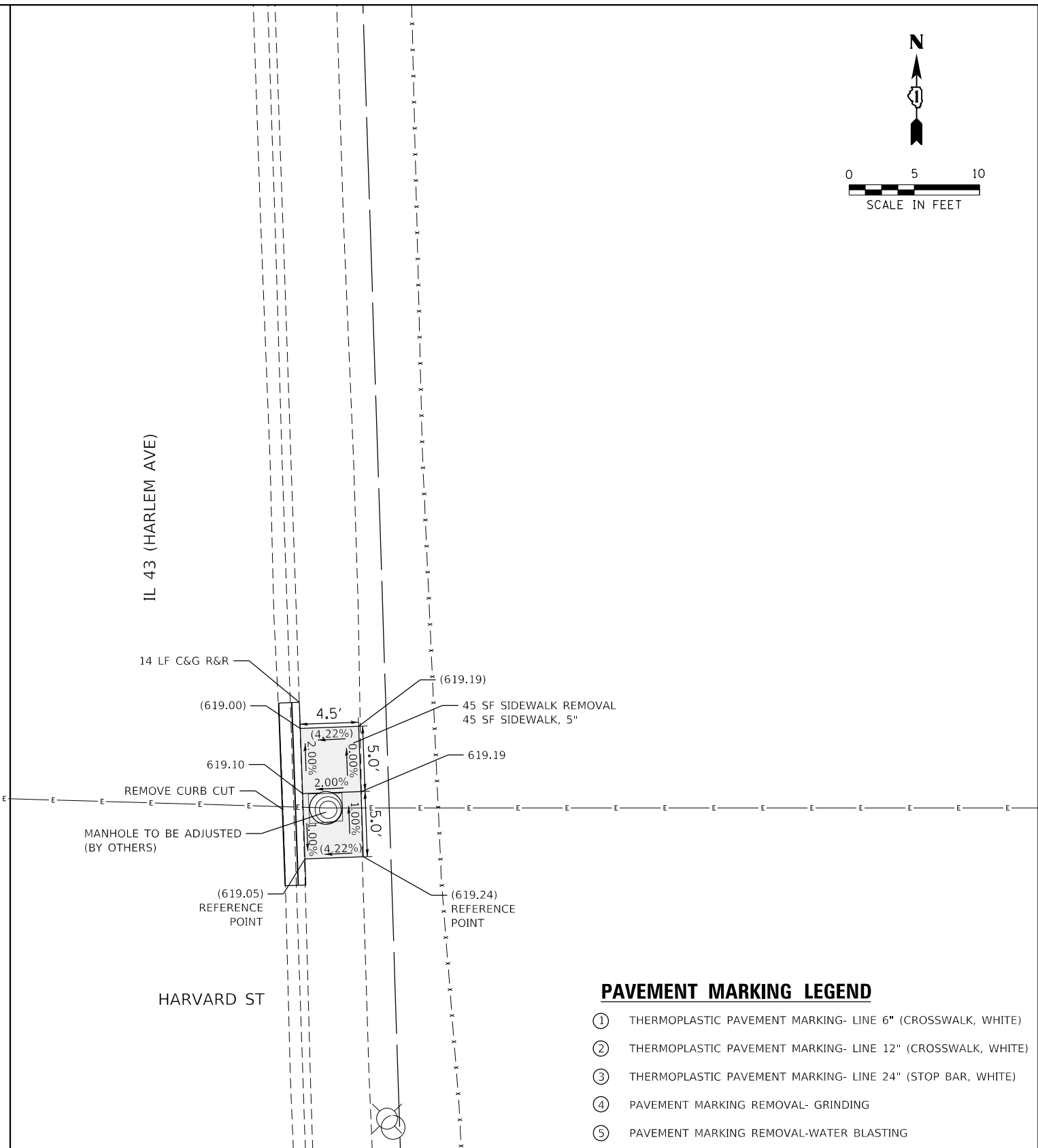
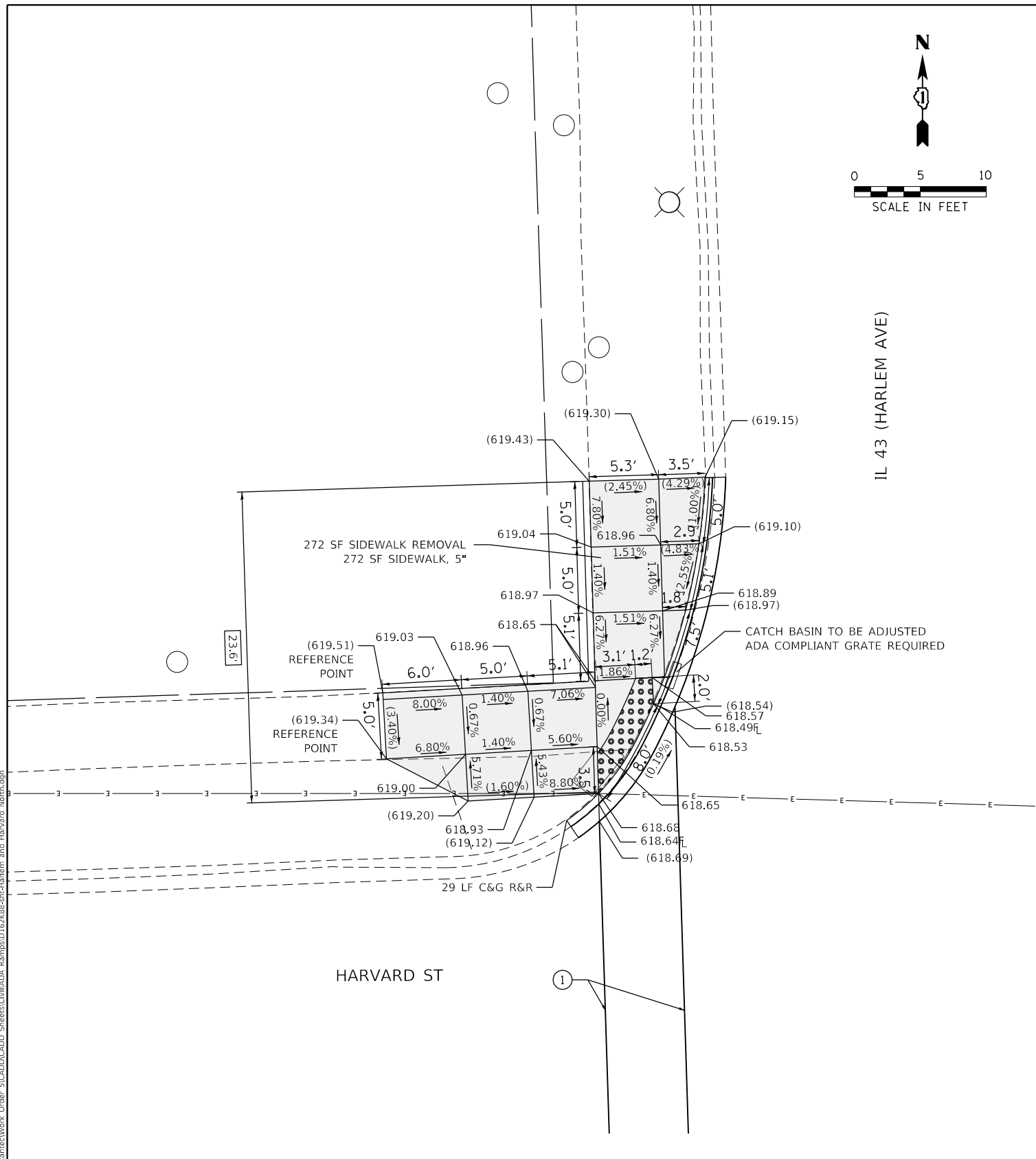
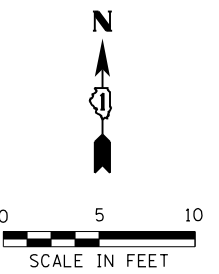
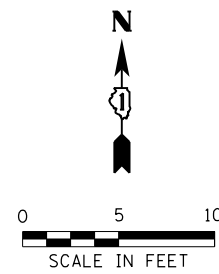
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PLOT DATE = 2/3/2021	DATE - 07-24-2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS - OAK PARK
ENTRANCE TO WALGREENS AND ROOSEVELT RD**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	15
CONTRACT NO. 62K88				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING- LINE 6" (CROSSWALK, WHITE)
- ② THERMOPLASTIC PAVEMENT MARKING- LINE 12" (CROSSWALK, WHITE)
- ③ THERMOPLASTIC PAVEMENT MARKING- LINE 24" (STOP BAR, WHITE)
- ④ PAVEMENT MARKING REMOVAL- GRINDING
- ⑤ PAVEMENT MARKING REMOVAL-WATER BLASTING

LEGEND

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

REFERENCE BENCHMARK ELEV 620.83
 BENCHMARK : SE BOLT OF HYDRANT SW CORNER
 LOCATION : 5 FT SOUTH OF HARLEM AVENUE

REFERENCE BENCHMARK ELEV 620.83
 BENCHMARK : SE BOLT OF HYDRANT SW CORNER
 LOCATION : 5 FT SOUTH OF HARLEM AVENUE

MODEL: Default
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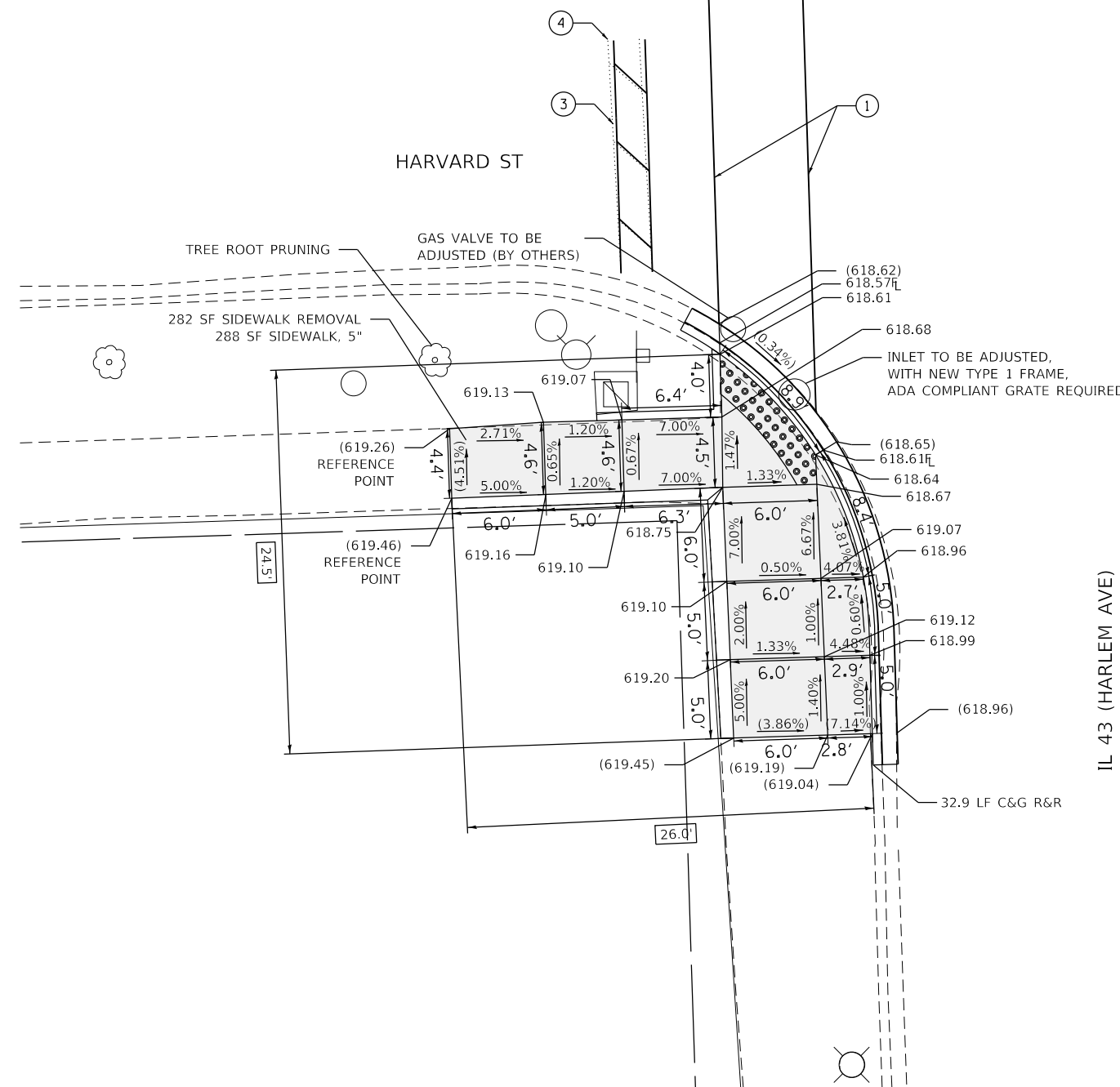
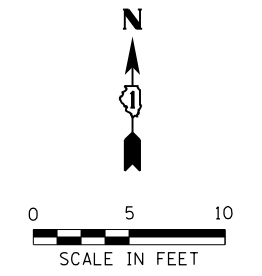
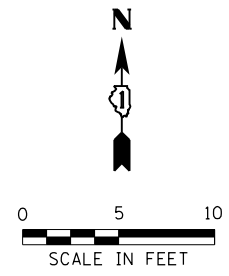
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS - OAK PARK
 HARVARD ST AND IL 43 (HARLEM AVE) - I**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	16
CONTRACT NO. 62K88				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING- LINE 6" (CROSSWALK, WHITE)
- ② THERMOPLASTIC PAVEMENT MARKING- LINE 12" (CROSSWALK, WHITE)
- ③ THERMOPLASTIC PAVEMENT MARKING- LINE 24" (STOP BAR, WHITE)
- ④ PAVEMENT MARKING REMOVAL- GRINDING
- ⑤ PAVEMENT MARKING REMOVAL-WATER BLASTING

REFERENCE BENCHMARK ELEV 620.83
 BENCHMARK : SE BOLT OF HYDRANT SW CORNER
 LOCATION : 5 FT SOUTH OF HARLEM AVENUE

LEGEND

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

MODEL: Default
 FILE: Model - SE Engineering\Live\Projects\2002_04_11_DJR_Spanect\Work Order - S\CADD\CADD Sheets\Civil\ADA Ramps\162K88-SE-Harlem and Harvard_South.dgn



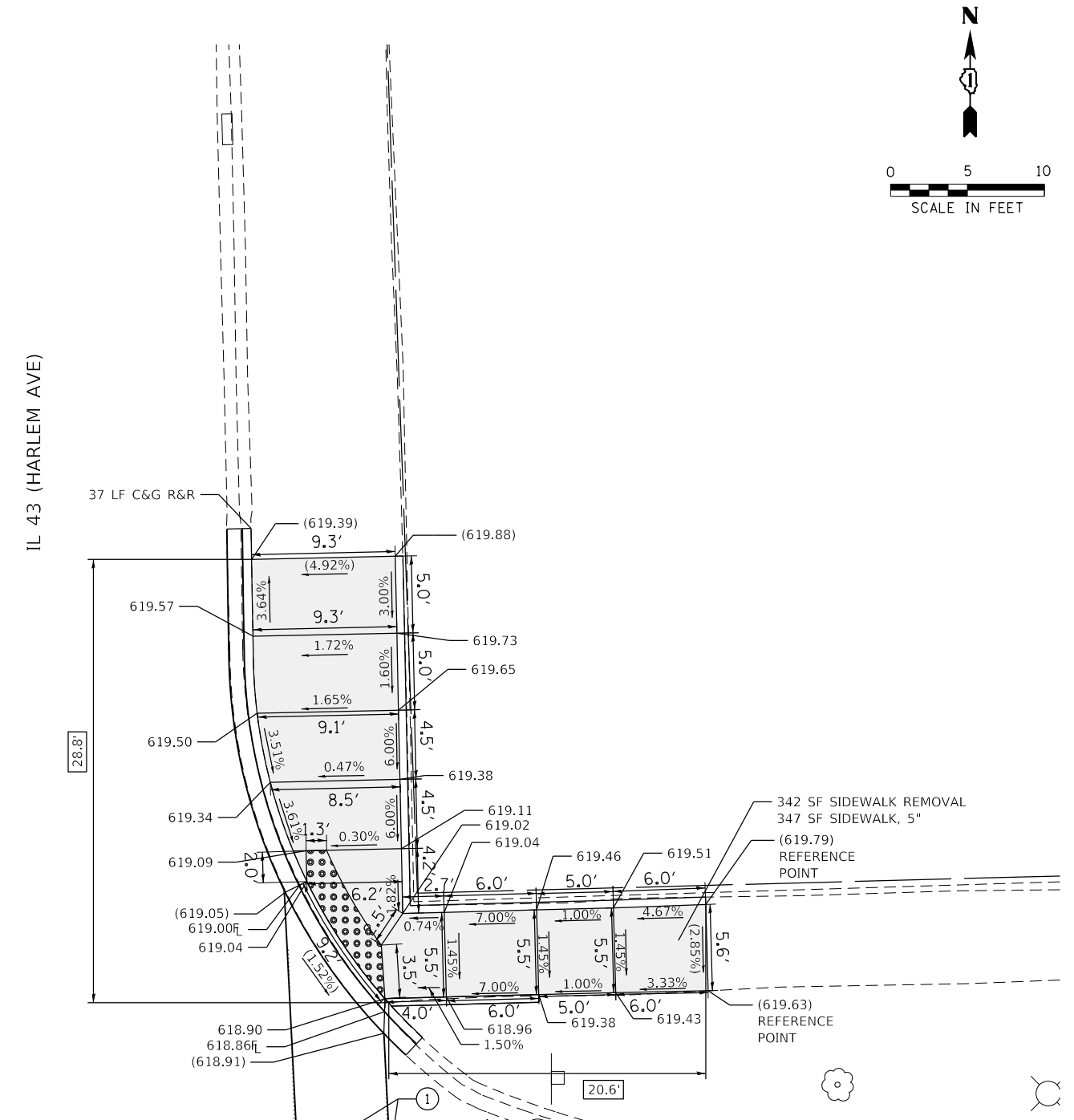
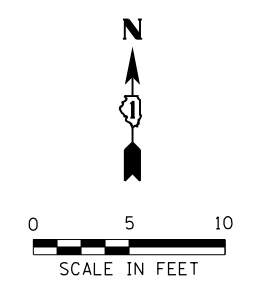
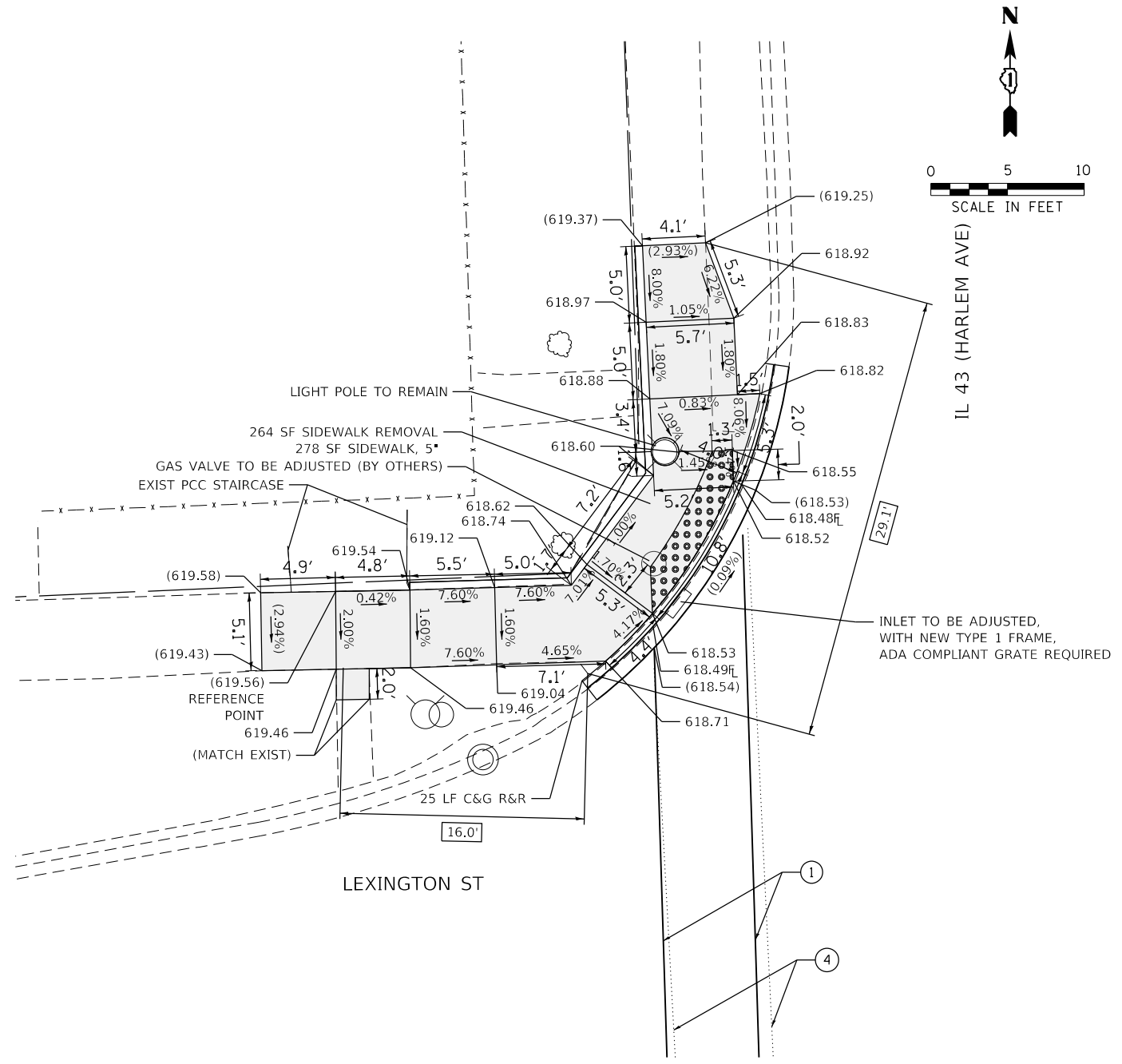
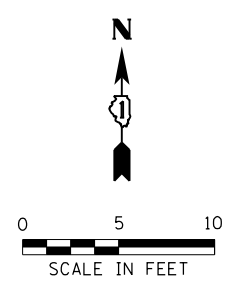
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS - OAK PARK
 HARVARD ST AND IL 43 (HARLEM AVE) - II**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	17
CONTRACT NO. 62K88				
ILLINOIS FED. AID PROJECT				



- PAVEMENT MARKING LEGEND**
- ① THERMOPLASTIC PAVEMENT MARKING- LINE 6" (CROSSWALK, WHITE)
 - ② THERMOPLASTIC PAVEMENT MARKING- LINE 12" (CROSSWALK, WHITE)
 - ③ THERMOPLASTIC PAVEMENT MARKING- LINE 24" (STOP BAR, WHITE)
 - ④ PAVEMENT MARKING REMOVAL- GRINDING
 - ⑤ PAVEMENT MARKING REMOVAL-WATER BLASTING

REFERENCE BENCHMARK ELEV 620.49
 BENCHMARK : SE BOLT OF HYDRANT NW CORNER
 LOCATION : 3 FT NORTH OF LEXINGTON STREET

LEGEND

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

REFERENCE BENCHMARK ELEV 620.49
 BENCHMARK : SE BOLT OF HYDRANT NW CORNER
 LOCATION : 3 FT NORTH OF LEXINGTON STREET

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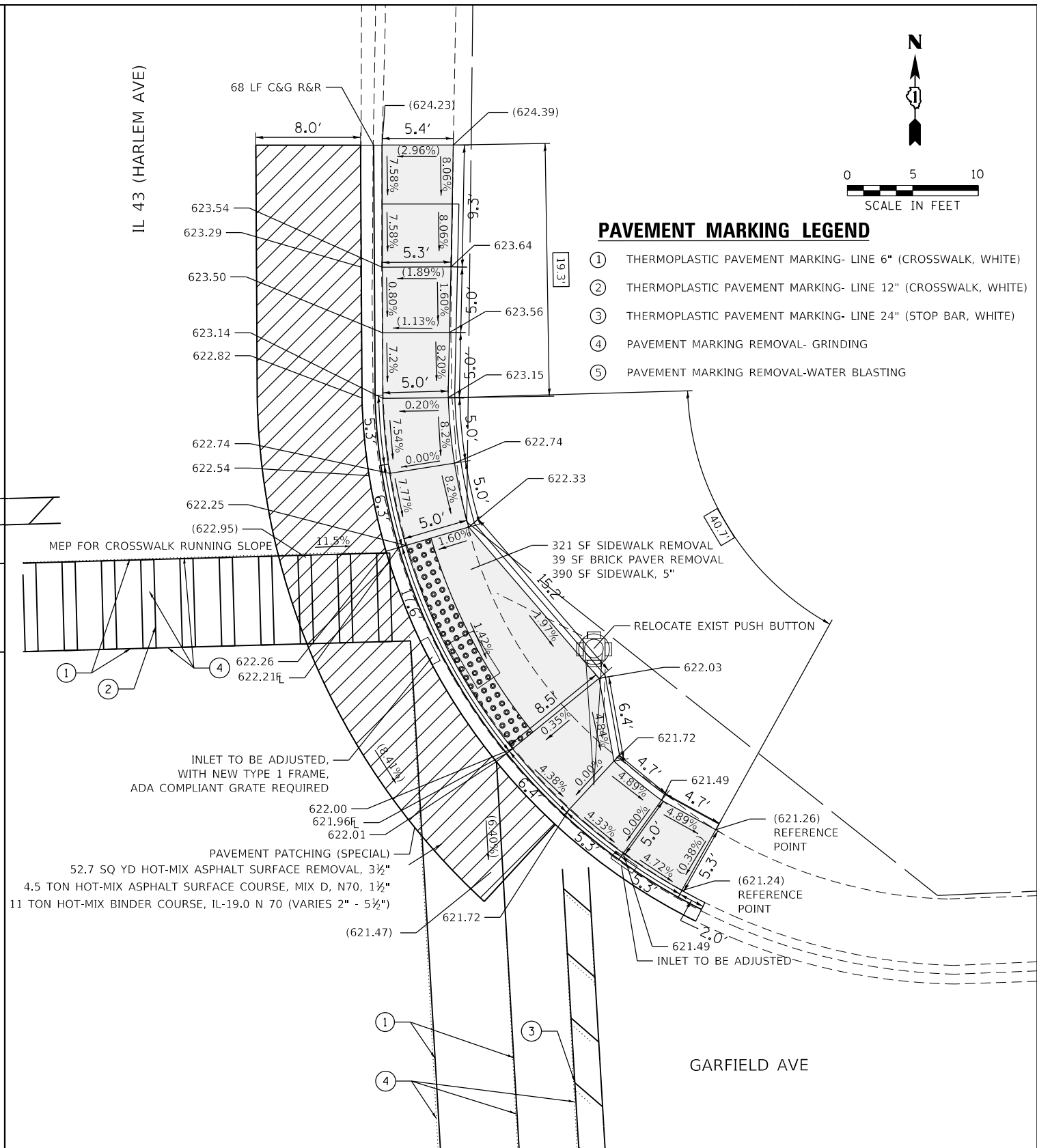
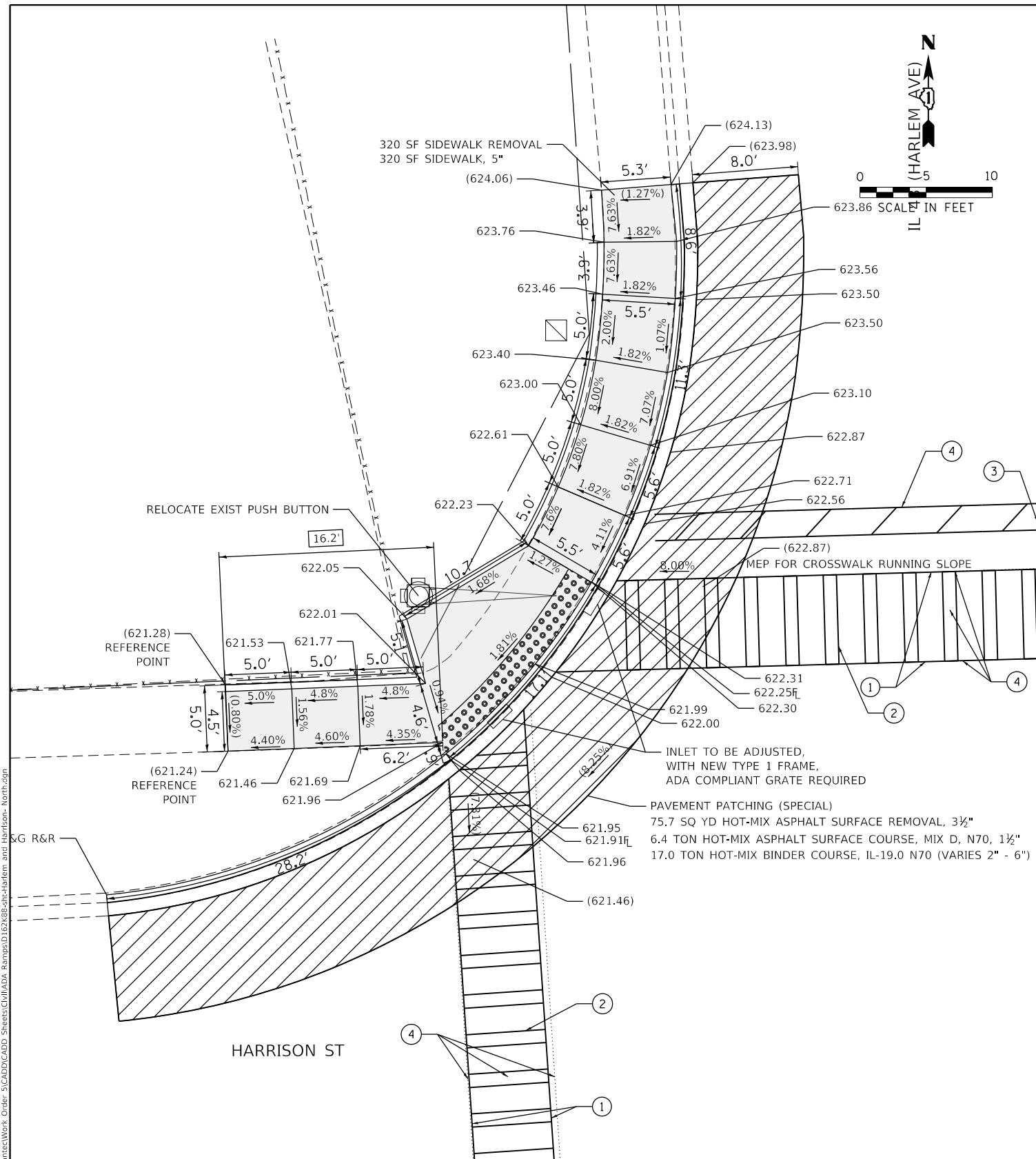
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS - OAK PARK
 LEXINGTON ST AND IL 43 (HARLEM AVE) - I**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	18
CONTRACT NO. 62K88				
ILLINOIS		FED. AID PROJECT		



- PAVEMENT MARKING LEGEND**
- ① THERMOPLASTIC PAVEMENT MARKING- LINE 6" (CROSSWALK, WHITE)
 - ② THERMOPLASTIC PAVEMENT MARKING- LINE 12" (CROSSWALK, WHITE)
 - ③ THERMOPLASTIC PAVEMENT MARKING- LINE 24" (STOP BAR, WHITE)
 - ④ PAVEMENT MARKING REMOVAL- GRINDING
 - ⑤ PAVEMENT MARKING REMOVAL-WATER BLASTING

LEGEND

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

REFERENCE BENCHMARK ELEV 622.28
 BENCHMARK : SE BOLT OF HYDRANT SW CORNER
 LOCATION : 33 FT SOUTH OF HARRISON STREET

REFERENCE BENCHMARK ELEV 622.28
 BENCHMARK : SE BOLT OF HYDRANT SW CORNER
 LOCATION : 33 FT SOUTH OF HARRISON STREET

MODEL: Default
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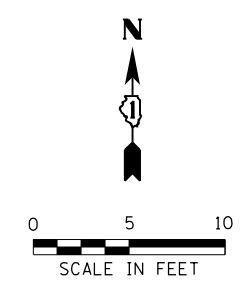
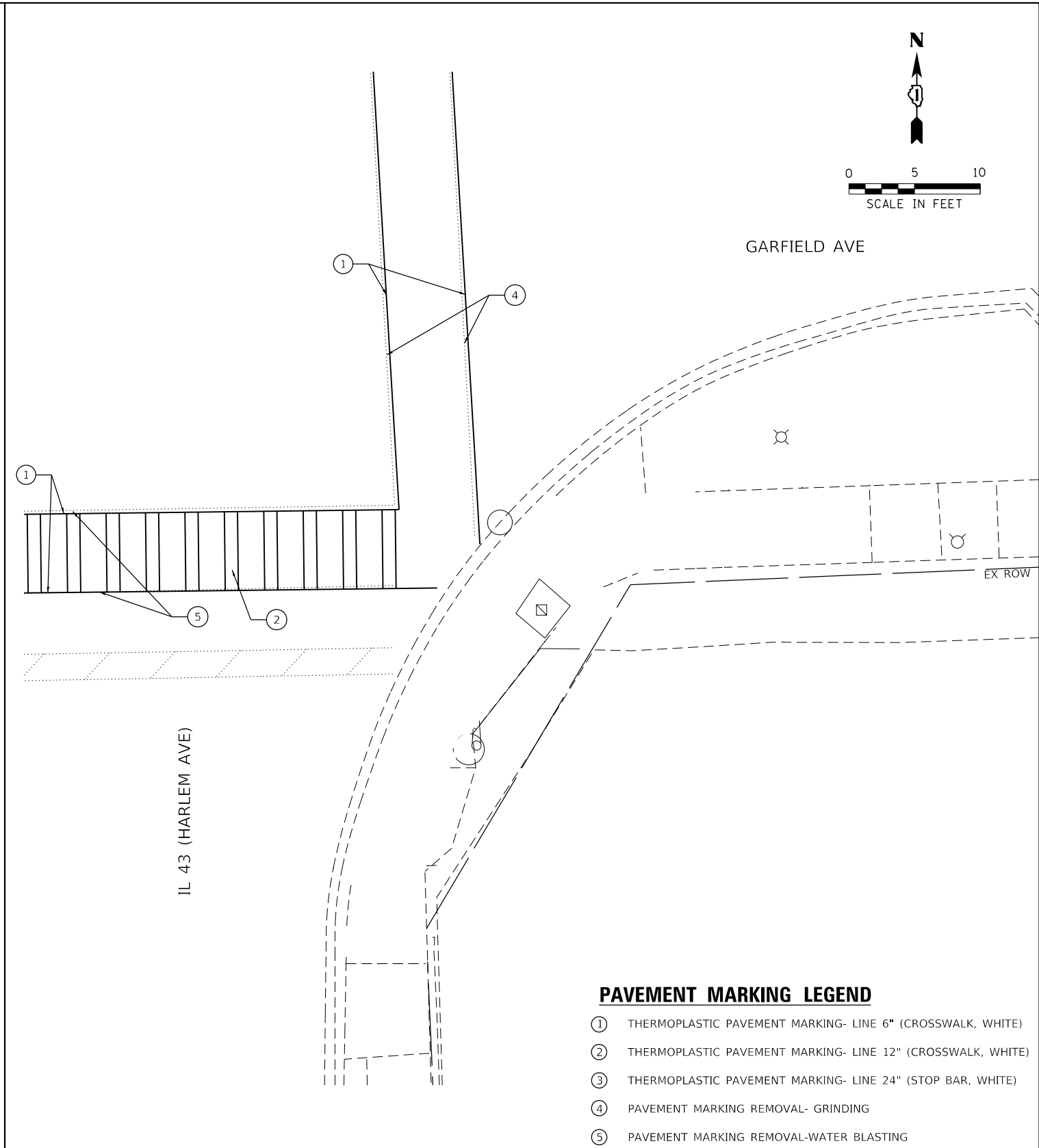
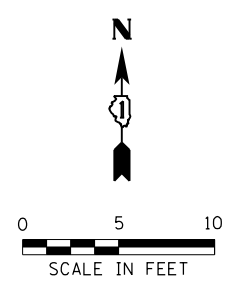
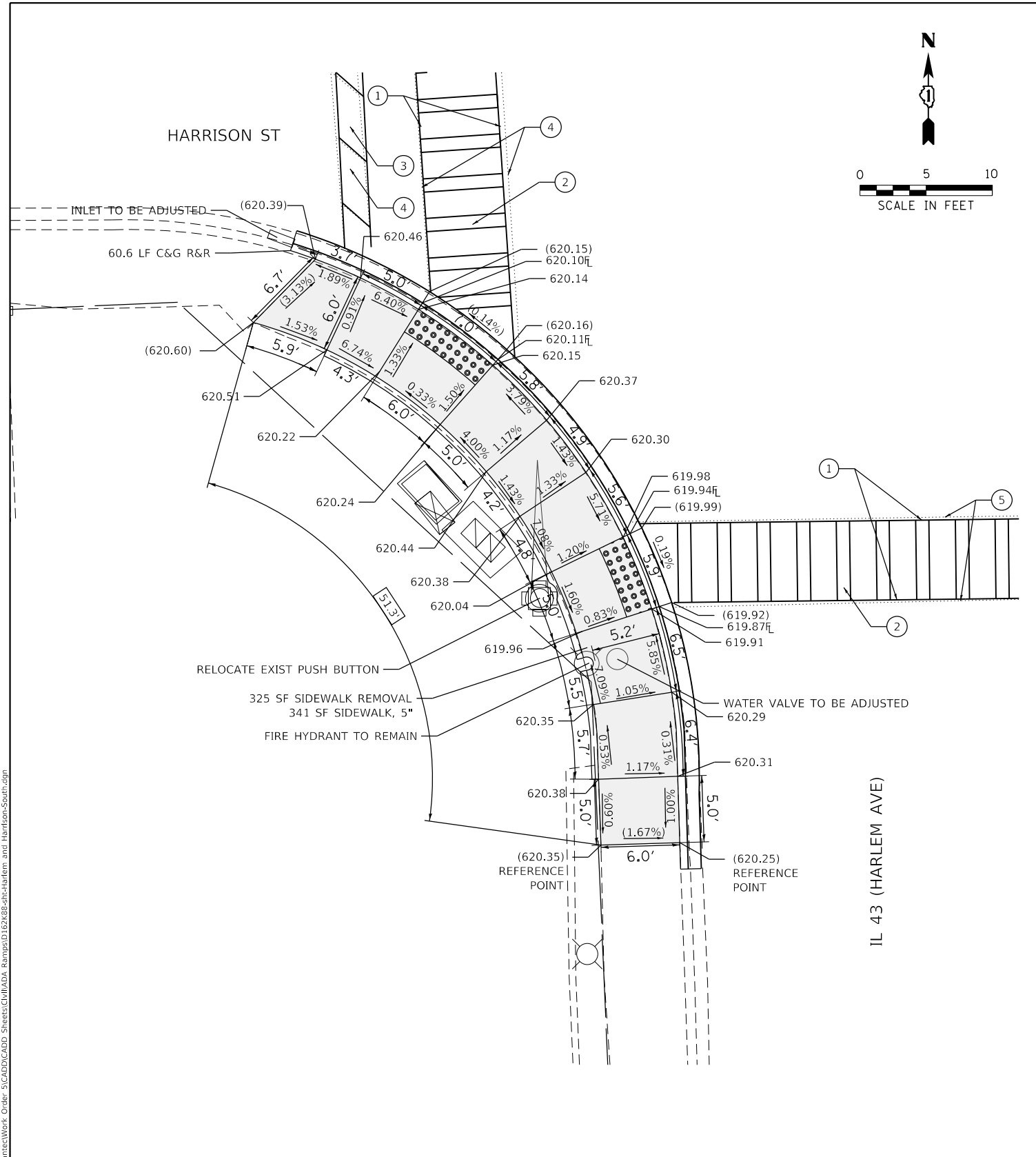


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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS - OAK PARK
 HARRISON ST /GARFIELD ST AND IL 43 (HARLEM AVE) - I**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	20
CONTRACT NO. 62K88			ILLINOIS FED. AID PROJECT	



- PAVEMENT MARKING LEGEND**
- ① THERMOPLASTIC PAVEMENT MARKING- LINE 6" (CROSSWALK, WHITE)
 - ② THERMOPLASTIC PAVEMENT MARKING- LINE 12" (CROSSWALK, WHITE)
 - ③ THERMOPLASTIC PAVEMENT MARKING- LINE 24" (STOP BAR, WHITE)
 - ④ PAVEMENT MARKING REMOVAL- GRINDING
 - ⑤ PAVEMENT MARKING REMOVAL-WATER BLASTING

REFERENCE BENCHMARK ELEV 622.28
 BENCHMARK : SE BOLT OF HYDRANT SW CORNER
 LOCATION : 33 FT SOUTH OF HARRISON STREET

LEGEND

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

REFERENCE BENCHMARK ELEV 622.28
 BENCHMARK : SE BOLT OF HYDRANT SW CORNER
 LOCATION : 33 FT SOUTH OF HARRISON STREET

MODEL: Default; FILE: Model; C:\Engineering\Live\Projects\2002_04_11_DJR_Spanect\Work Order - S\CADD\CADD Sheets\Civil\ADA_Ramps\1162888\H-Harlem and Harrison-South.dgn



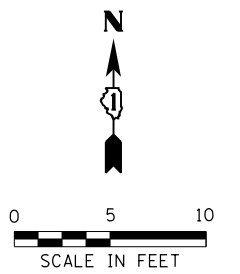
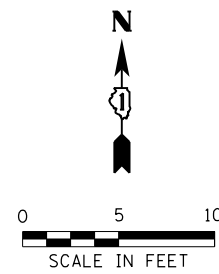
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS - OAK PARK
 HARRISON ST /GARFIELD ST AND IL 43 (HARLEM AVE) - II**

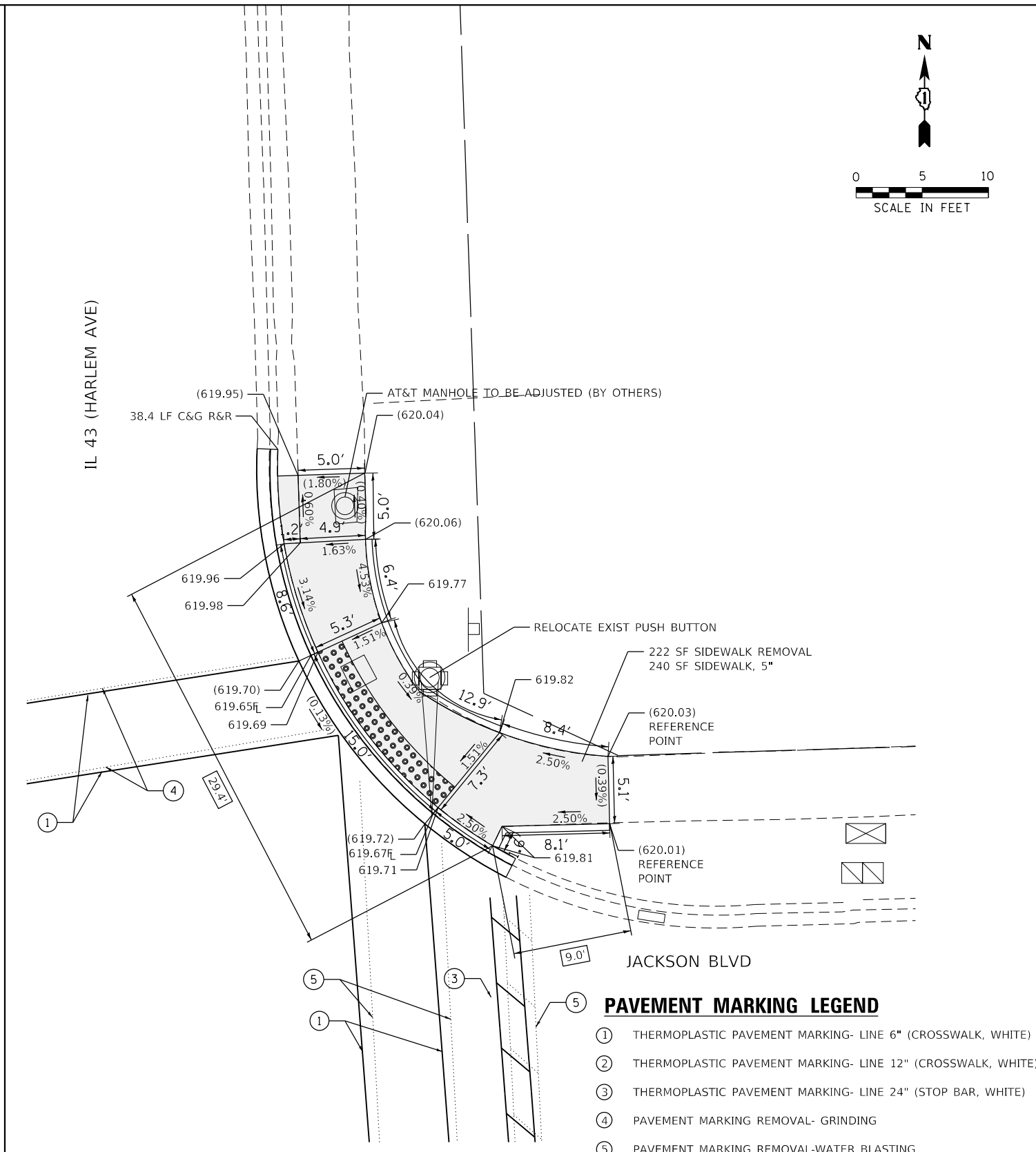
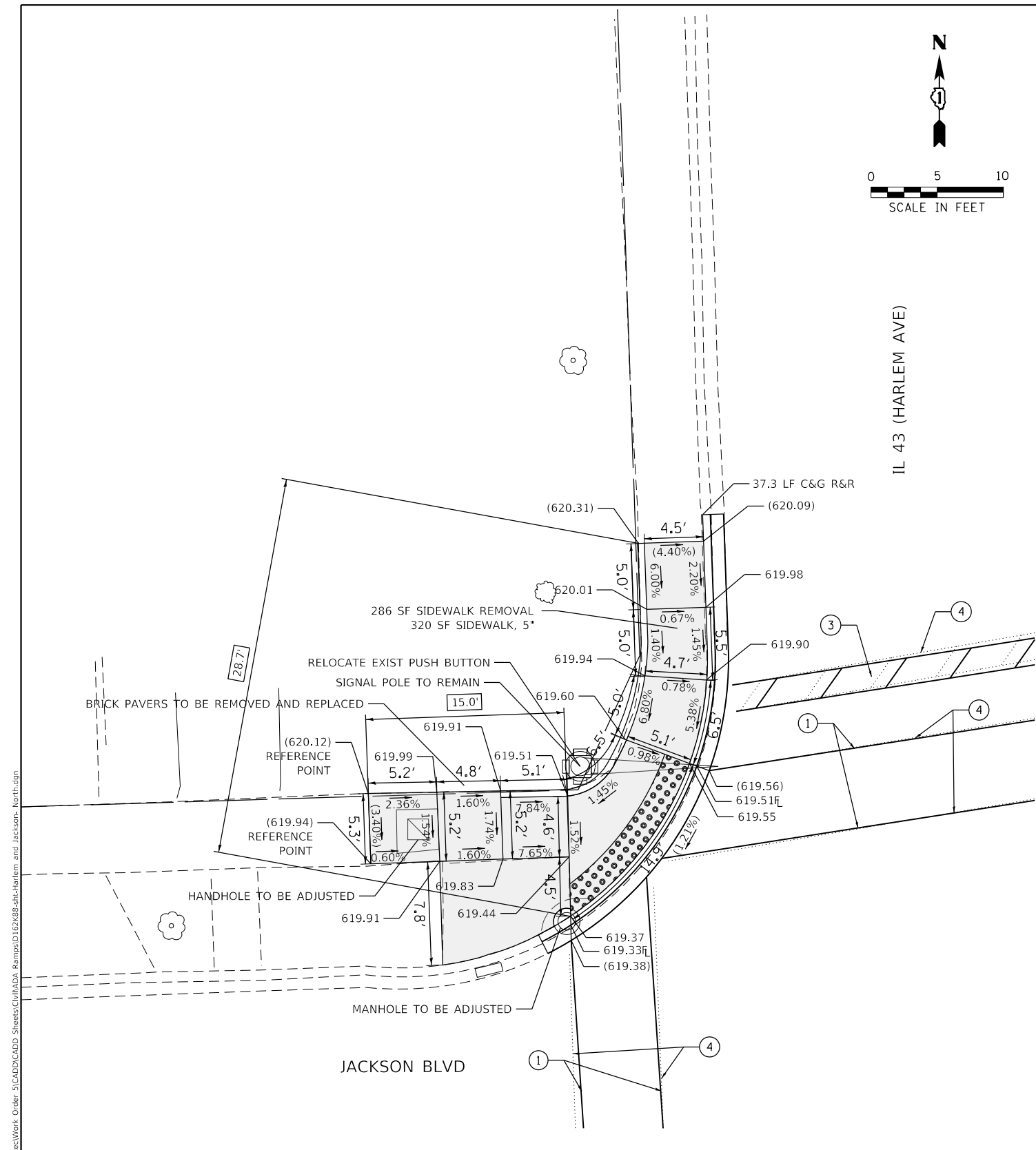
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	21
CONTRACT NO. 62K88				
ILLINOIS FED. AID PROJECT				



IL 43 (HARLEM AVE)

IL 43 (HARLEM AVE)



- PAVEMENT MARKING LEGEND**
- ① THERMOPLASTIC PAVEMENT MARKING- LINE 6" (CROSSWALK, WHITE)
 - ② THERMOPLASTIC PAVEMENT MARKING- LINE 12" (CROSSWALK, WHITE)
 - ③ THERMOPLASTIC PAVEMENT MARKING- LINE 24" (STOP BAR, WHITE)
 - ④ PAVEMENT MARKING REMOVAL- GRINDING
 - ⑤ PAVEMENT MARKING REMOVAL-WATER BLASTING

REFERENCE BENCHMARK ELEV 637.72
 BENCHMARK : CROSS ON CONC. WALL AT LIGHT POLE BASE EAST SIDE IL 43
 LOCATION : 19 FT NORTH OF I-290 EAST RAMP

REFERENCE BENCHMARK ELEV 637.72
 BENCHMARK : CROSS ON CONC. WALL AT LIGHT POLE BASE EAST SIDE IL 43
 LOCATION : 19 FT NORTH OF I-290 EAST RAMP

LEGEND

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

MODEL: Default
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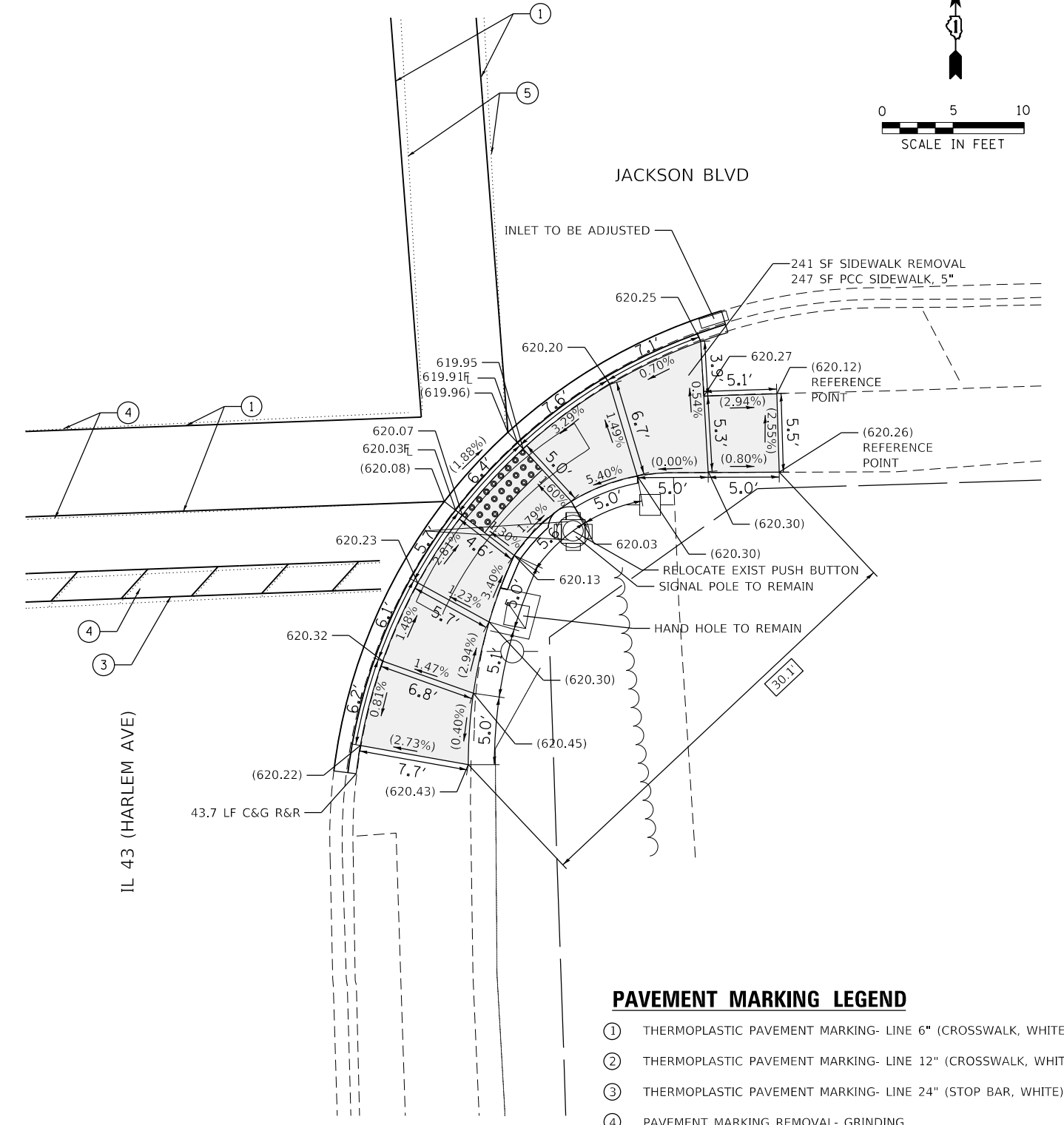
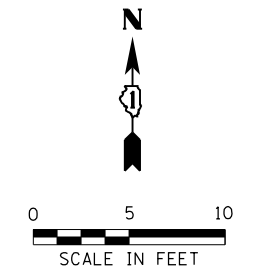
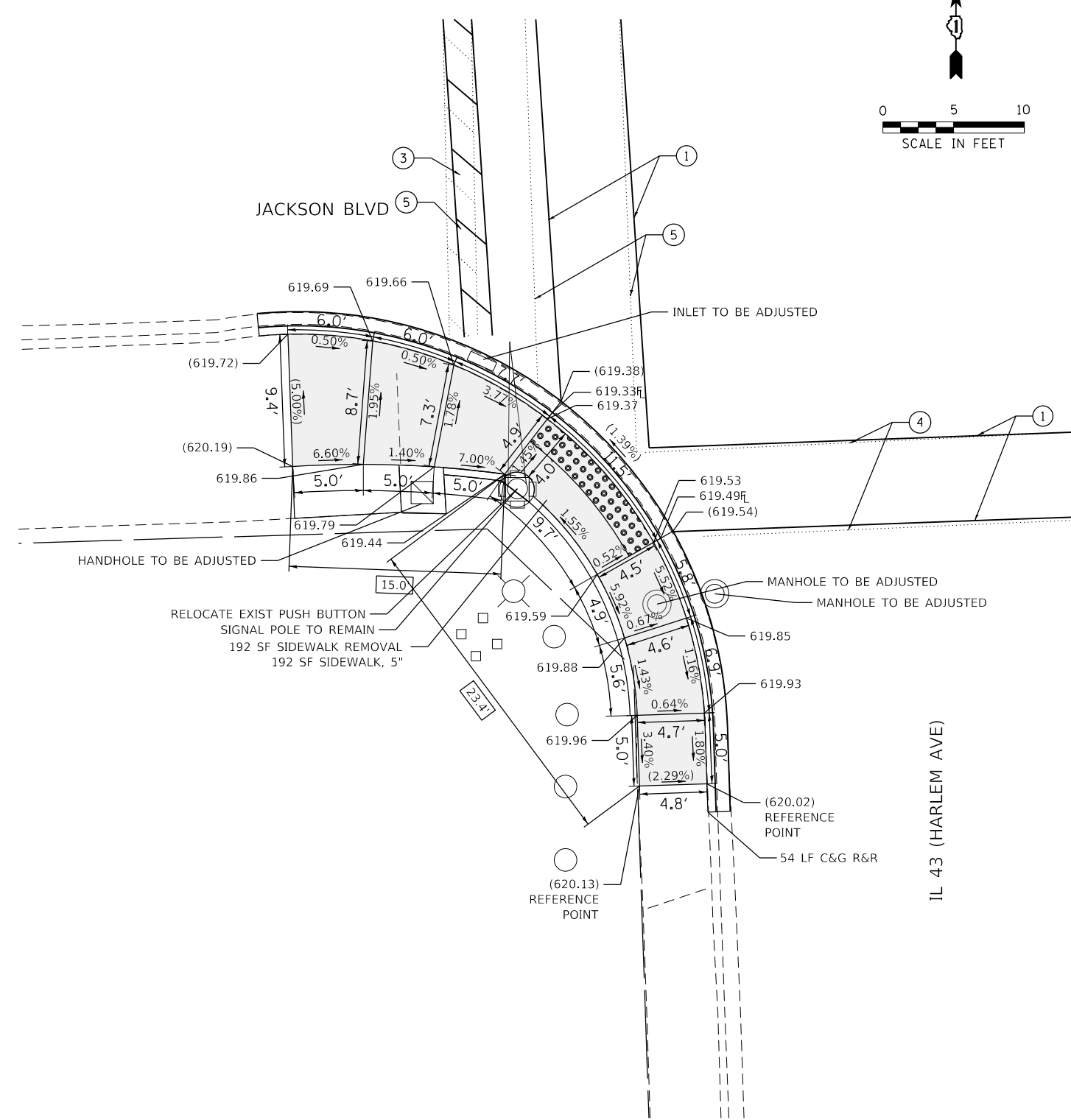
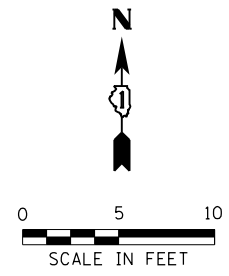
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PLOT DATE = 2/3/2021	DATE - 07-24-2020	REVISIONS -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS - OAK PARK
 JACKSON BLVD AND IL 43 (HARLEM AVE) - I**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	22
CONTRACT NO.			62K88	
ILLINOIS FED. AID PROJECT				



- PAVEMENT MARKING LEGEND**
- ① THERMOPLASTIC PAVEMENT MARKING- LINE 6" (CROSSWALK, WHITE)
 - ② THERMOPLASTIC PAVEMENT MARKING- LINE 12" (CROSSWALK, WHITE)
 - ③ THERMOPLASTIC PAVEMENT MARKING- LINE 24" (STOP BAR, WHITE)
 - ④ PAVEMENT MARKING REMOVAL- GRINDING
 - ⑤ PAVEMENT MARKING REMOVAL-WATER BLASTING

REFERENCE BENCHMARK ELEV 637.72
 BENCHMARK : CROSS ON CONC. WALL AT LIGHT POLE BASE EAST SIDE IL 43
 LOCATION : 19 FT NORTH OF I-290 EAST RAMP

LEGEND

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

REFERENCE BENCHMARK ELEV 637.72
 BENCHMARK : CROSS ON CONC. WALL AT LIGHT POLE BASE EAST SIDE IL 43
 LOCATION : 19 FT NORTH OF I-290 EAST RAMP

MODEL: Default
 FILE: Model - Civil Engineering\Live\Projects\2002_04_IL 43 - Spawr\Work Order - 5\CADD\CADD Sheets\Civil\ADA_Ramps\11616888-Harlem and Jackson - South.dgn



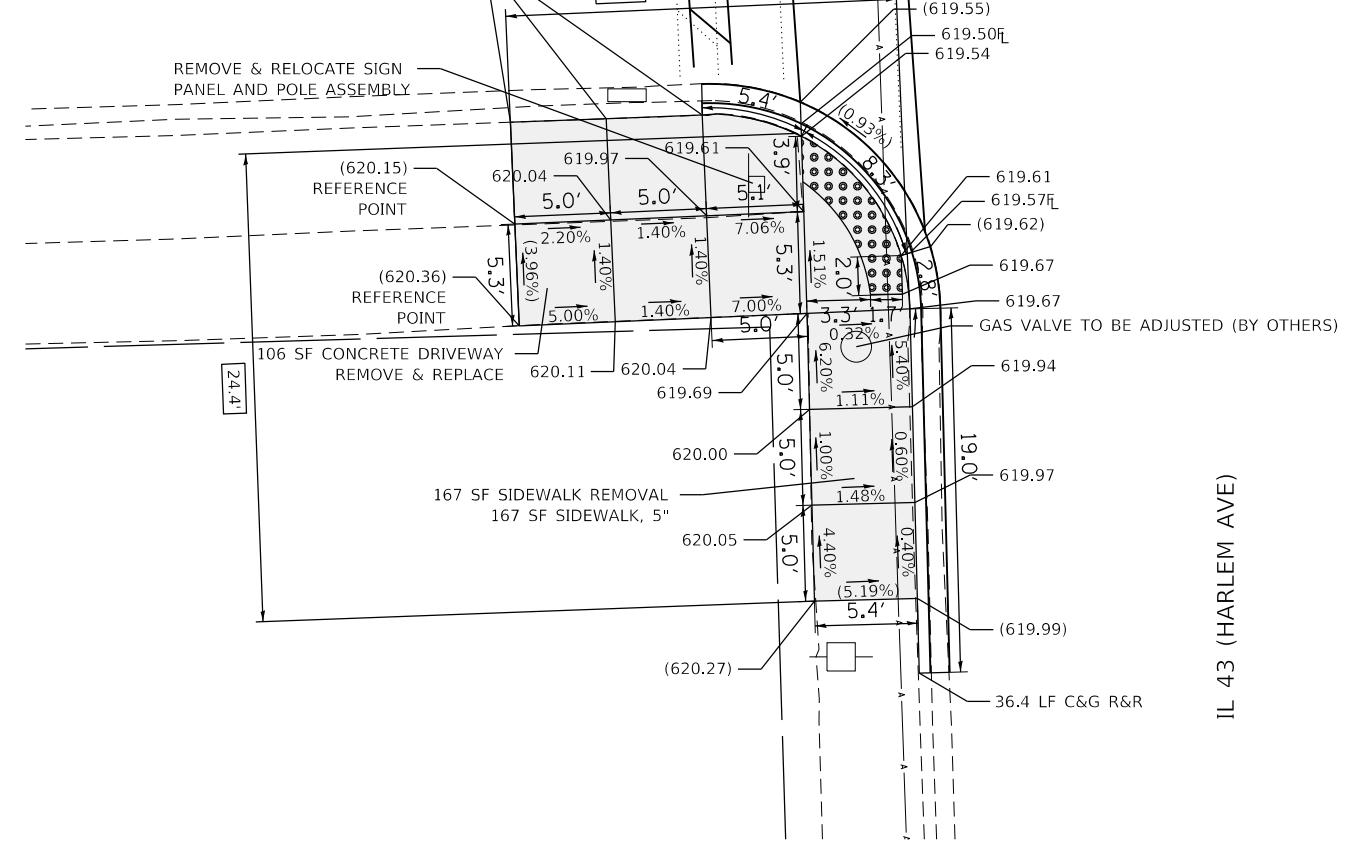
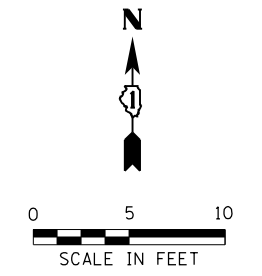
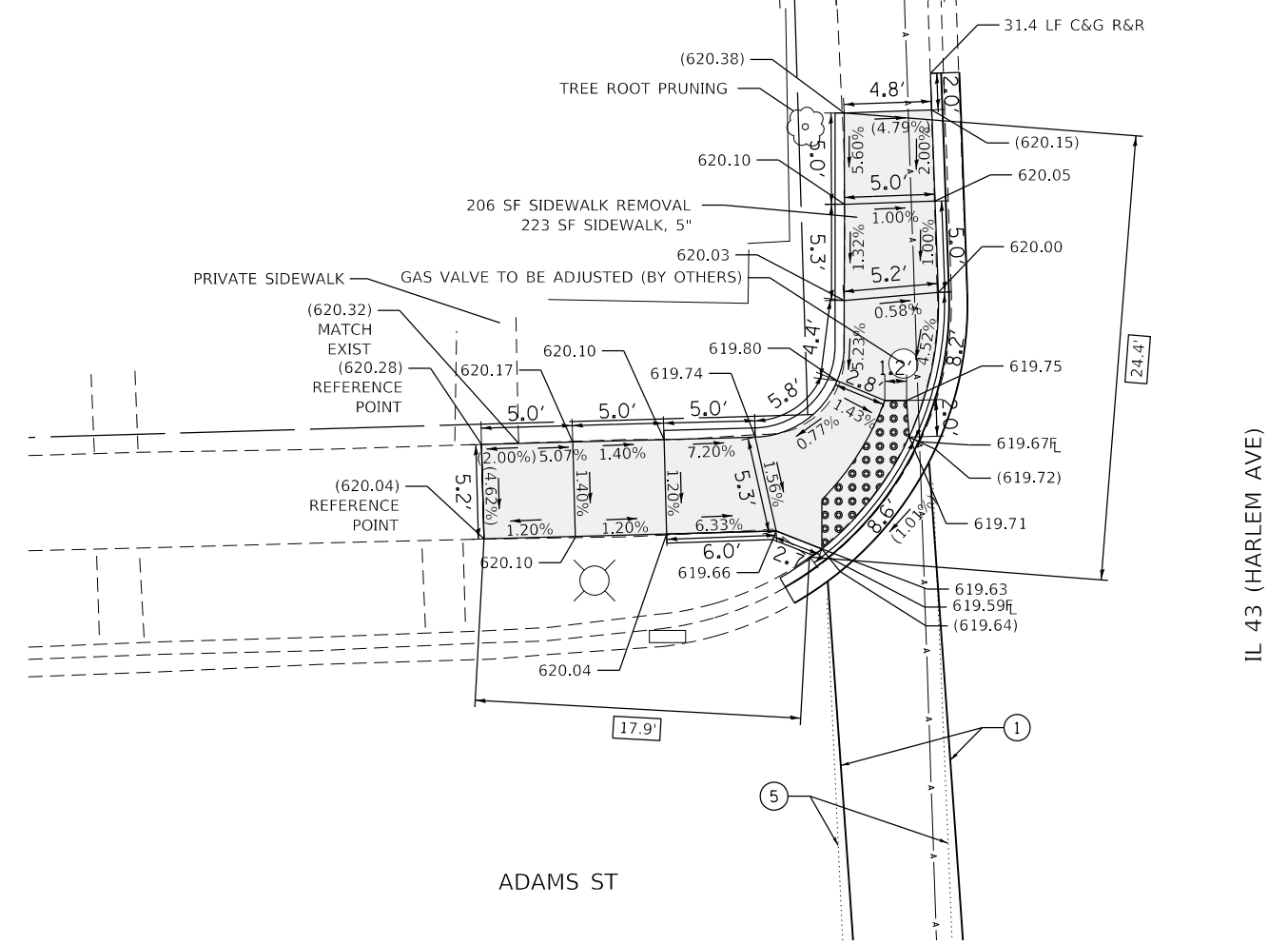
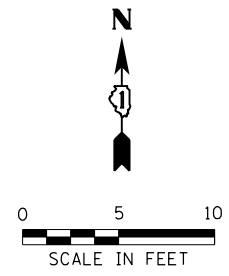
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS - OAK PARK
 JACKSON BLVD AND IL 43 (HARLEM AVE) - II**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	23
CONTRACT NO.			62K88	
ILLINOIS FED. AID PROJECT				



- PAVEMENT MARKING LEGEND**
- ① THERMOPLASTIC PAVEMENT MARKING- LINE 6" (CROSSWALK, WHITE)
 - ② THERMOPLASTIC PAVEMENT MARKING- LINE 12" (CROSSWALK, WHITE)
 - ③ THERMOPLASTIC PAVEMENT MARKING- LINE 24" (STOP BAR, WHITE)
 - ④ PAVEMENT MARKING REMOVAL- GRINDING
 - ⑤ PAVEMENT MARKING REMOVAL-WATER BLASTING

REFERENCE BENCHMARK ELEV 637.72
 BENCHMARK : CROSS ON CONC. WALL AT LIGHT POLE BASE EAST SIDE IL 43
 LOCATION : 19 FT NORTH OF I-290 EAST RAMP

LEGEND

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

REFERENCE BENCHMARK ELEV 637.72
 BENCHMARK : CROSS ON CONC. WALL AT LIGHT POLE BASE EAST SIDE IL 43
 LOCATION : 19 FT NORTH OF I-290 EAST RAMP

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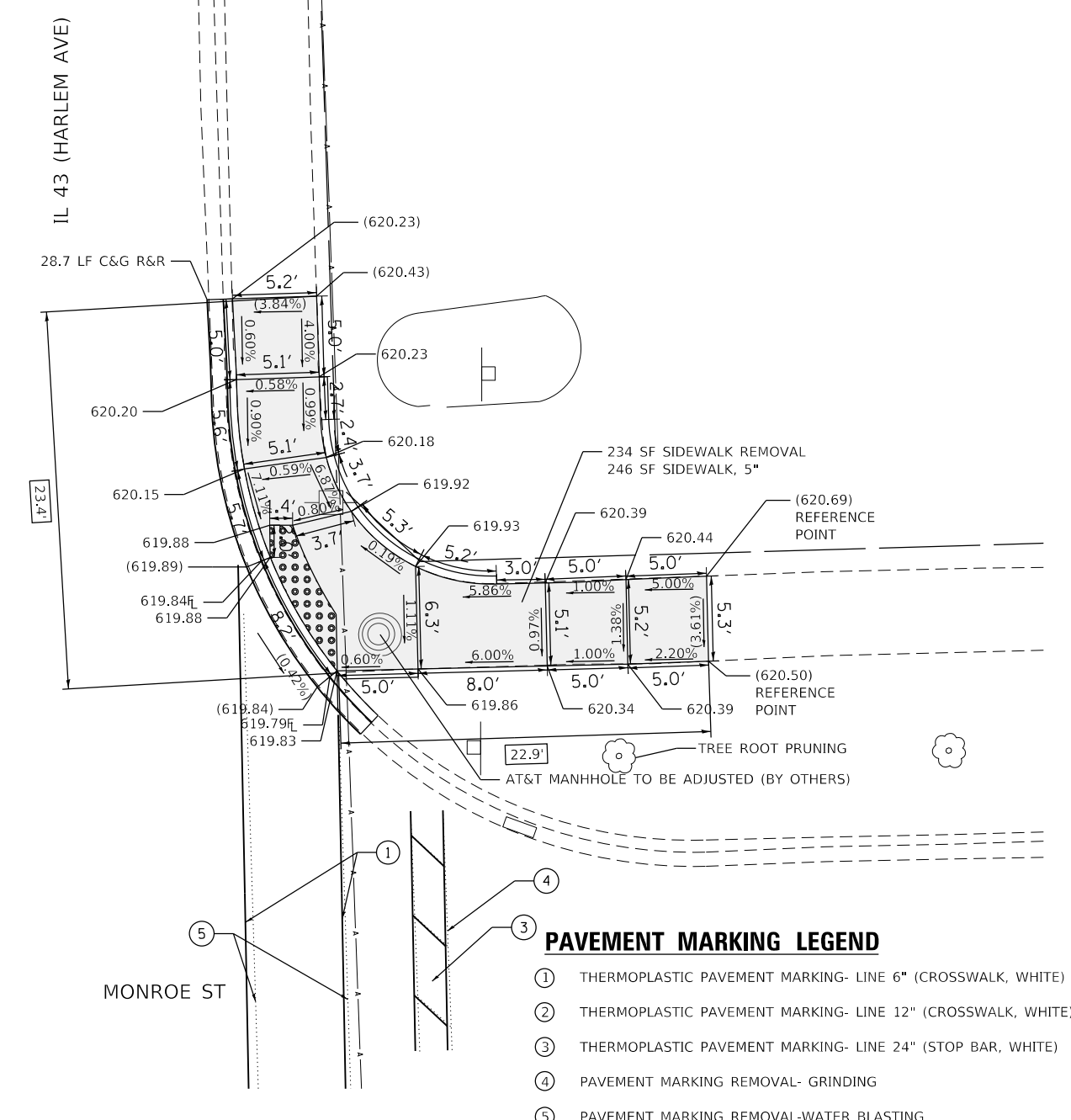
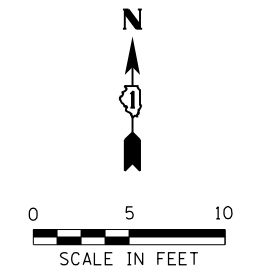
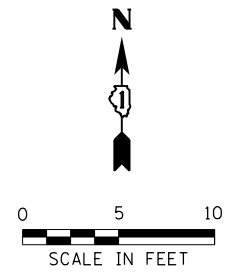
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS - OAK PARK
 ADAMS ST AND IL 43 (HARLEM AVE)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	24
CONTRACT NO. 62K88			ILLINOIS FED. AID PROJECT	



- PAVEMENT MARKING LEGEND**
- ① THERMOPLASTIC PAVEMENT MARKING- LINE 6" (CROSSWALK, WHITE)
 - ② THERMOPLASTIC PAVEMENT MARKING- LINE 12" (CROSSWALK, WHITE)
 - ③ THERMOPLASTIC PAVEMENT MARKING- LINE 24" (STOP BAR, WHITE)
 - ④ PAVEMENT MARKING REMOVAL- GRINDING
 - ⑤ PAVEMENT MARKING REMOVAL-WATER BLASTING

LEGEND

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

REFERENCE BENCHMARK ELEV 621.15
 BENCHMARK : NW BOLT OF HYDRANT
 LOCATION : SW CORNER OF MAPLE AVENUE & MONROE STREET

REFERENCE BENCHMARK ELEV 621.15
 BENCHMARK : NW BOLT OF HYDRANT
 LOCATION : SW CORNER OF MAPLE AVENUE & MONROE STREET

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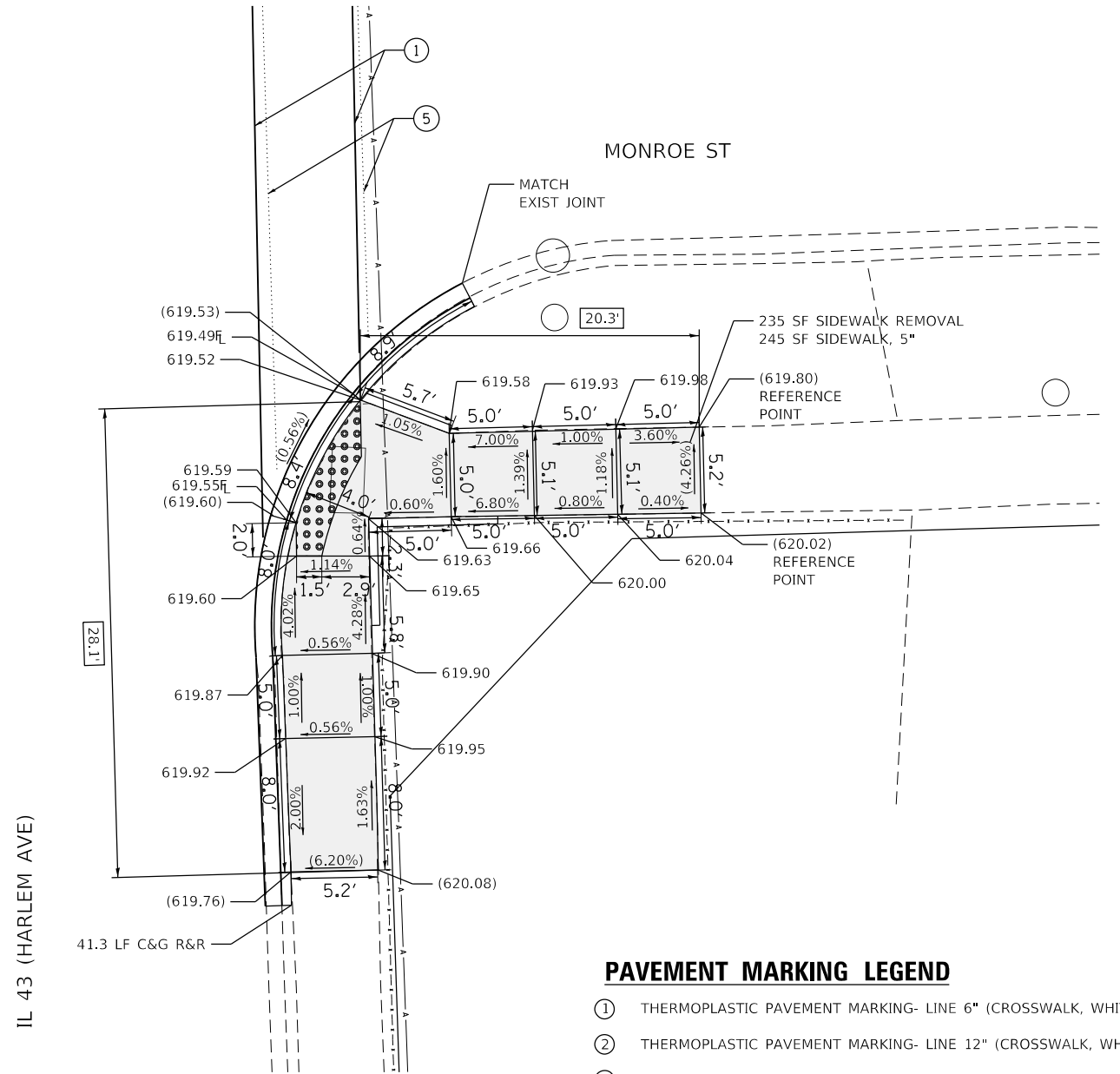
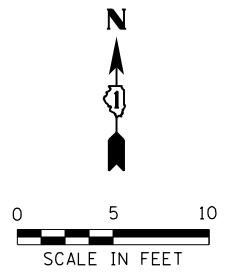
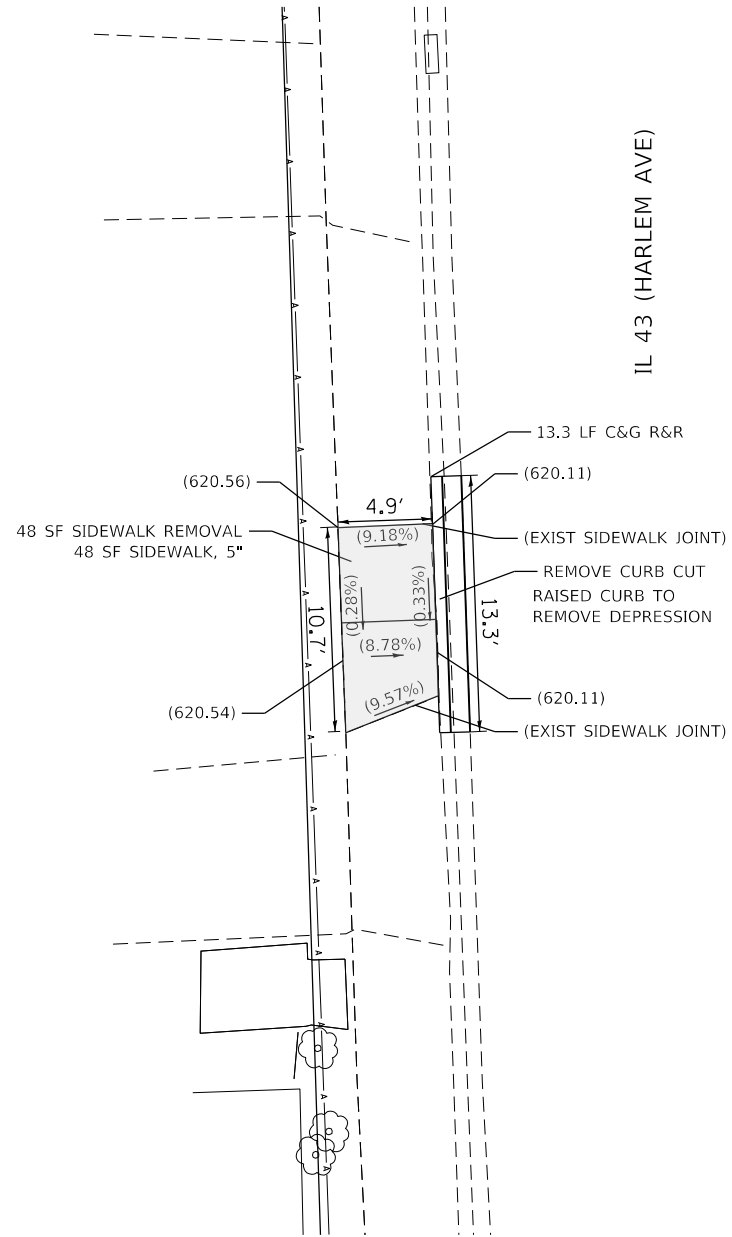
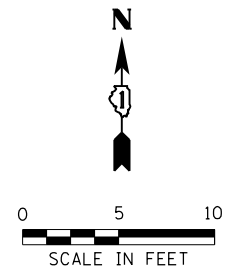
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PLOT DATE = 2/3/2021	DATE - 07-24-2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS - OAK PARK
 MONROE ST AND IL 43 (HARLEM AVE) - I**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	25
CONTRACT NO. 62K88				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.



- PAVEMENT MARKING LEGEND**
- ① THERMOPLASTIC PAVEMENT MARKING- LINE 6" (CROSSWALK, WHITE)
 - ② THERMOPLASTIC PAVEMENT MARKING- LINE 12" (CROSSWALK, WHITE)
 - ③ THERMOPLASTIC PAVEMENT MARKING- LINE 24" (STOP BAR, WHITE)
 - ④ PAVEMENT MARKING REMOVAL- GRINDING
 - ⑤ PAVEMENT MARKING REMOVAL-WATER BLASTING

REFERENCE BENCHMARK ELEV 621.15
 BENCHMARK : NW BOLT OF HYDRANT
 LOCATION : SW CORNER OF MAPLE AVENUE & MONROE STREET

LEGEND

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

REFERENCE BENCHMARK ELEV 621.15
 BENCHMARK : NW BOLT OF HYDRANT
 LOCATION : SW CORNER OF MAPLE AVENUE & MONROE STREET

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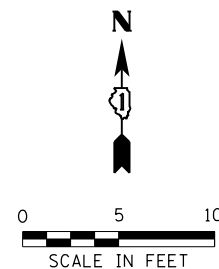
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

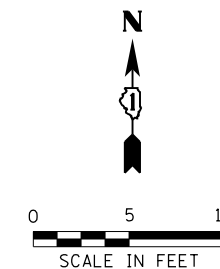
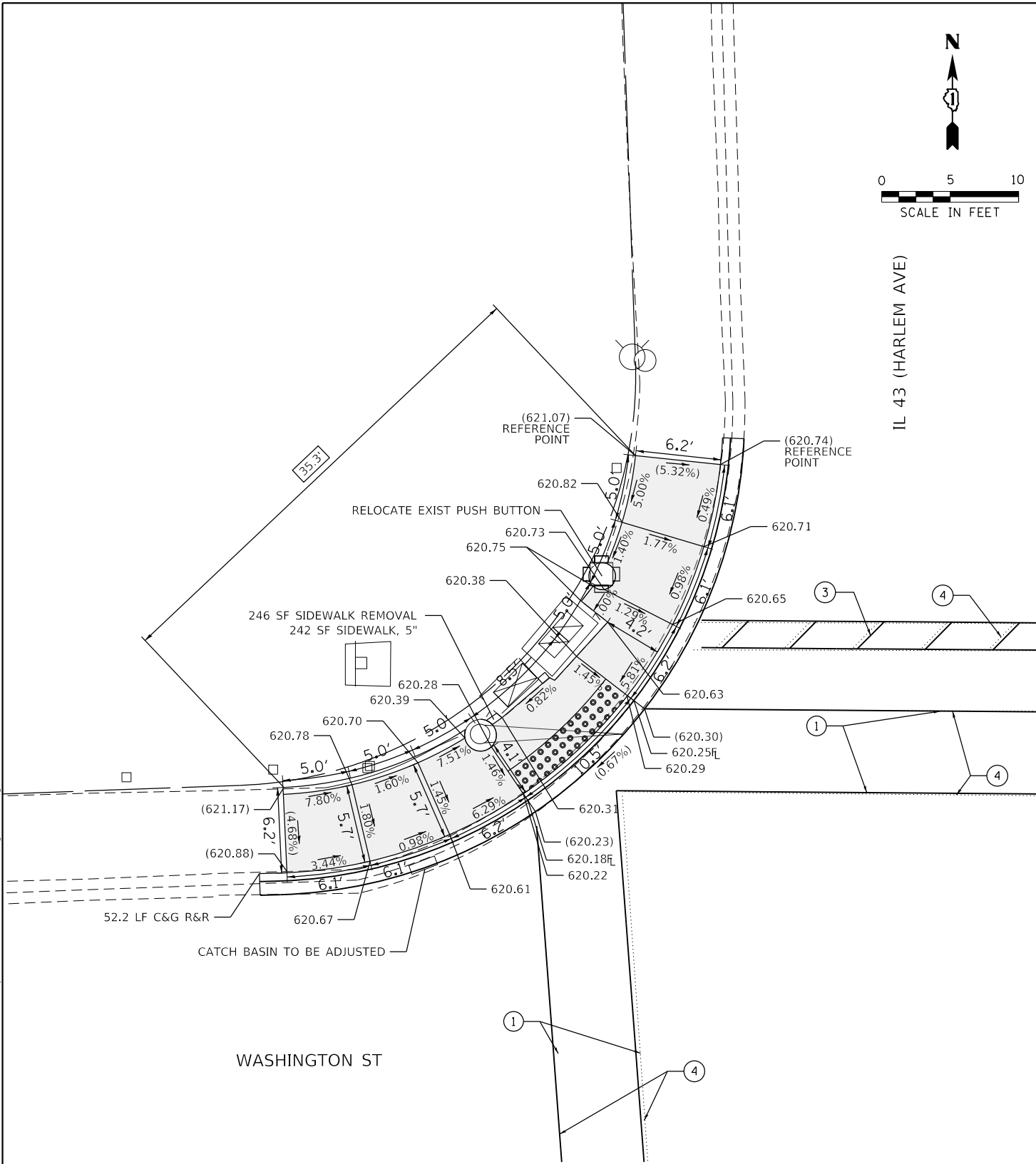
**SIDEWALK RAMP DETAILS - OAK PARK
 MONROE ST AND IL 43 (HARLEM AVE) - II**

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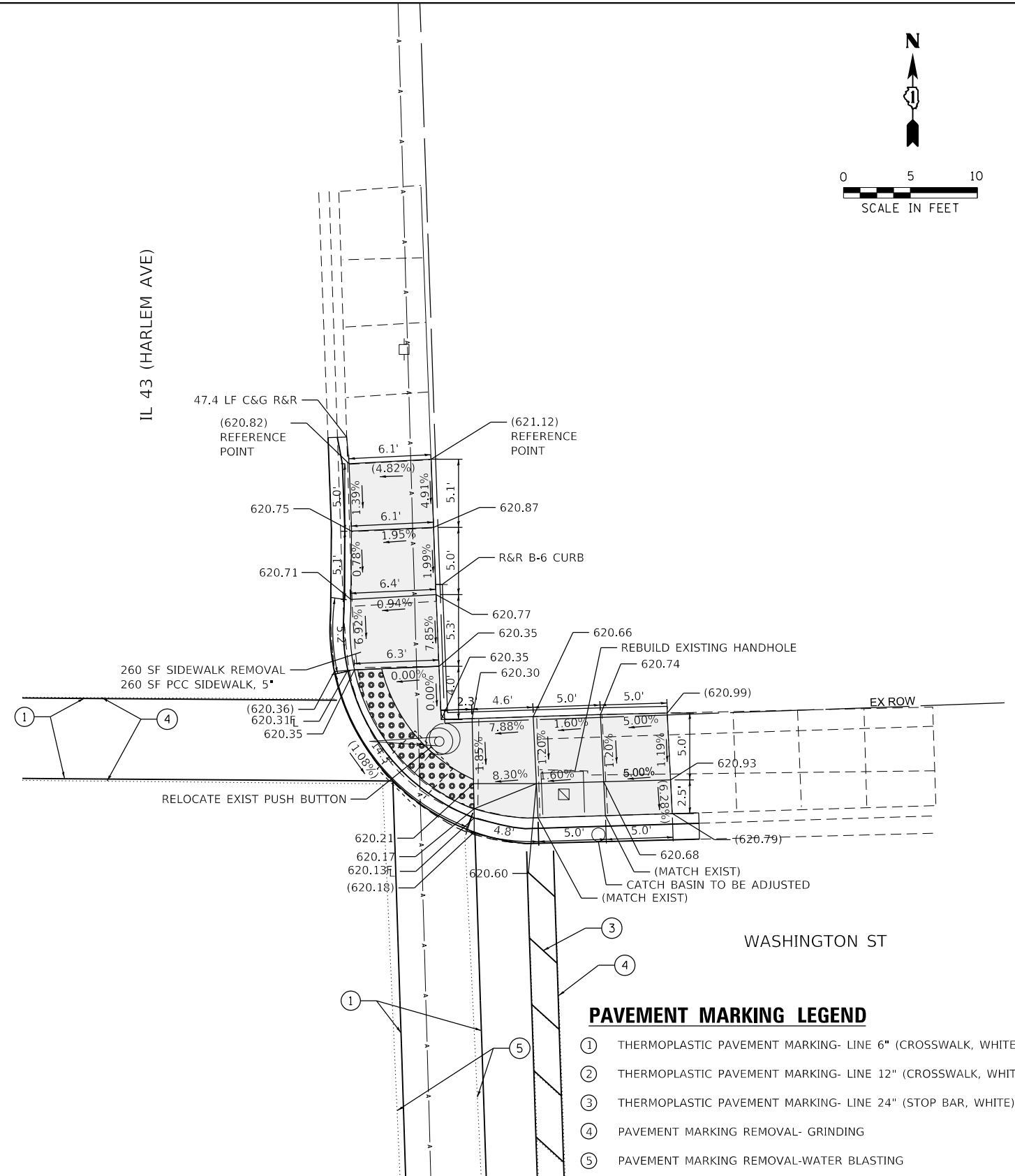
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VAR	2020-017-SW	COOK	91	26
CONTRACT NO. 62K88				
ILLINOIS FED. AID PROJECT				



IL 43 (HARLEM AVE)



IL 43 (HARLEM AVE)



PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING- LINE 6" (CROSSWALK, WHITE)
- ② THERMOPLASTIC PAVEMENT MARKING- LINE 12" (CROSSWALK, WHITE)
- ③ THERMOPLASTIC PAVEMENT MARKING- LINE 24" (STOP BAR, WHITE)
- ④ PAVEMENT MARKING REMOVAL- GRINDING
- ⑤ PAVEMENT MARKING REMOVAL-WATER BLASTING

REFERENCE BENCHMARK ELEV 621.15
 BENCHMARK : NW BOLT OF HYDRANT
 LOCATION : SW CORNER OF MAPLE AVENUE & MONROE STREET

LEGEND

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

REFERENCE BENCHMARK ELEV 622.95
 BENCHMARK : SW BOLT OF HYDRANT
 LOCATION : NW CORNER OF HARLEM AVENUE & WASHINGTON STREET

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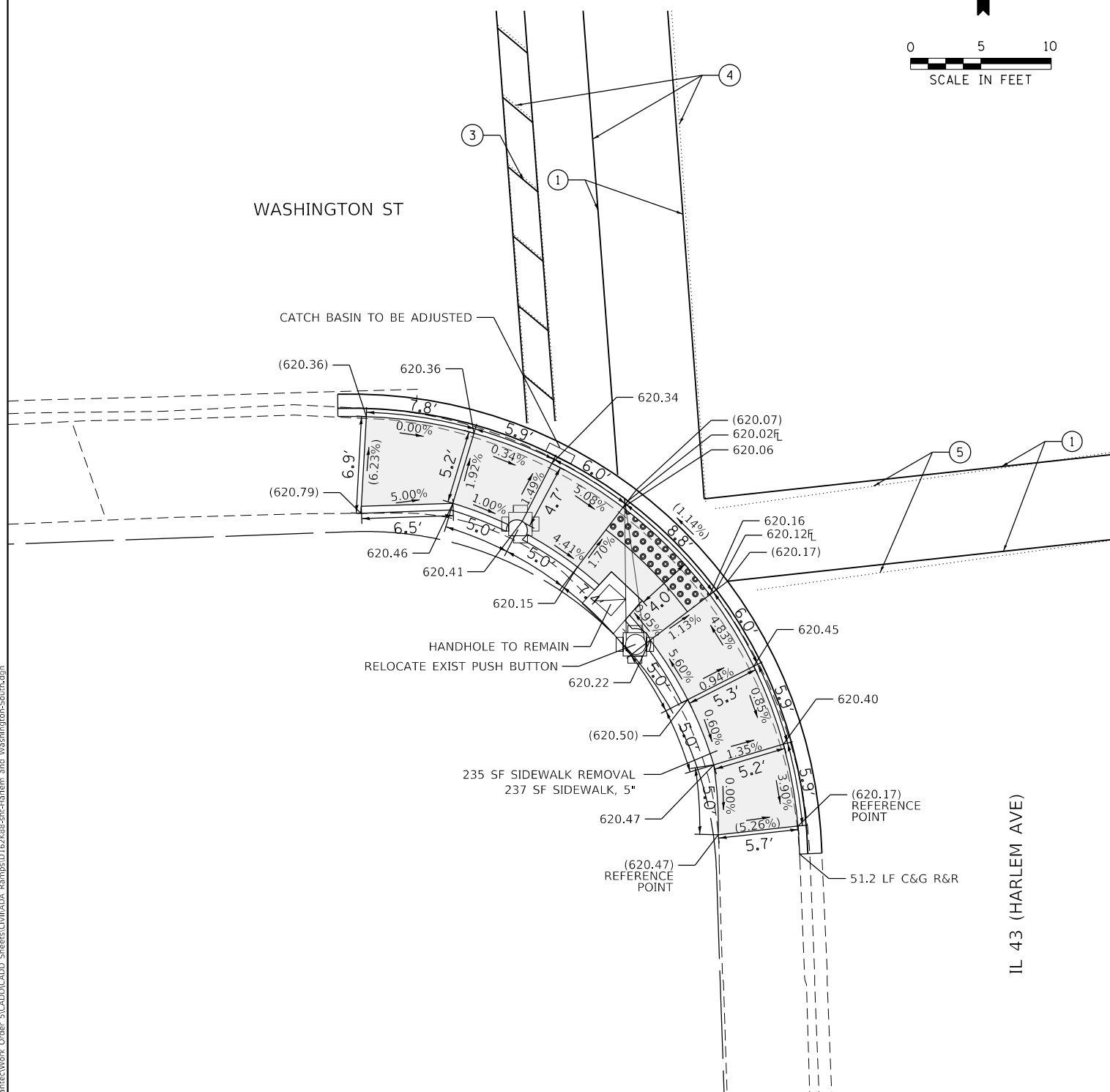
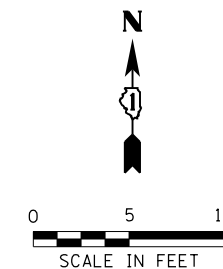
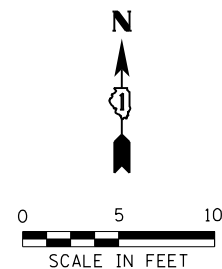
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	DATE - 07-24-2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS - OAK PARK
 WASHINGTON BLVD AND IL 43 (HARLEM AVE) - I**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	28
CONTRACT NO. 62K88				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING- LINE 6" (CROSSWALK, WHITE)
- ② THERMOPLASTIC PAVEMENT MARKING- LINE 12" (CROSSWALK, WHITE)
- ③ THERMOPLASTIC PAVEMENT MARKING- LINE 24" (STOP BAR, WHITE)
- ④ PAVEMENT MARKING REMOVAL- GRINDING
- ⑤ PAVEMENT MARKING REMOVAL-WATER BLASTING

REFERENCE BENCHMARK ELEV 621.15
 BENCHMARK : NW BOLT OF HYDRANT
 LOCATION : SW CORNER OF MAPLE AVENUE & MONROE STREET

LEGEND

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

REFERENCE BENCHMARK ELEV 621.15
 BENCHMARK : NW BOLT OF HYDRANT
 LOCATION : SW CORNER OF MAPLE AVENUE & MONROE STREET

MODEL: Default
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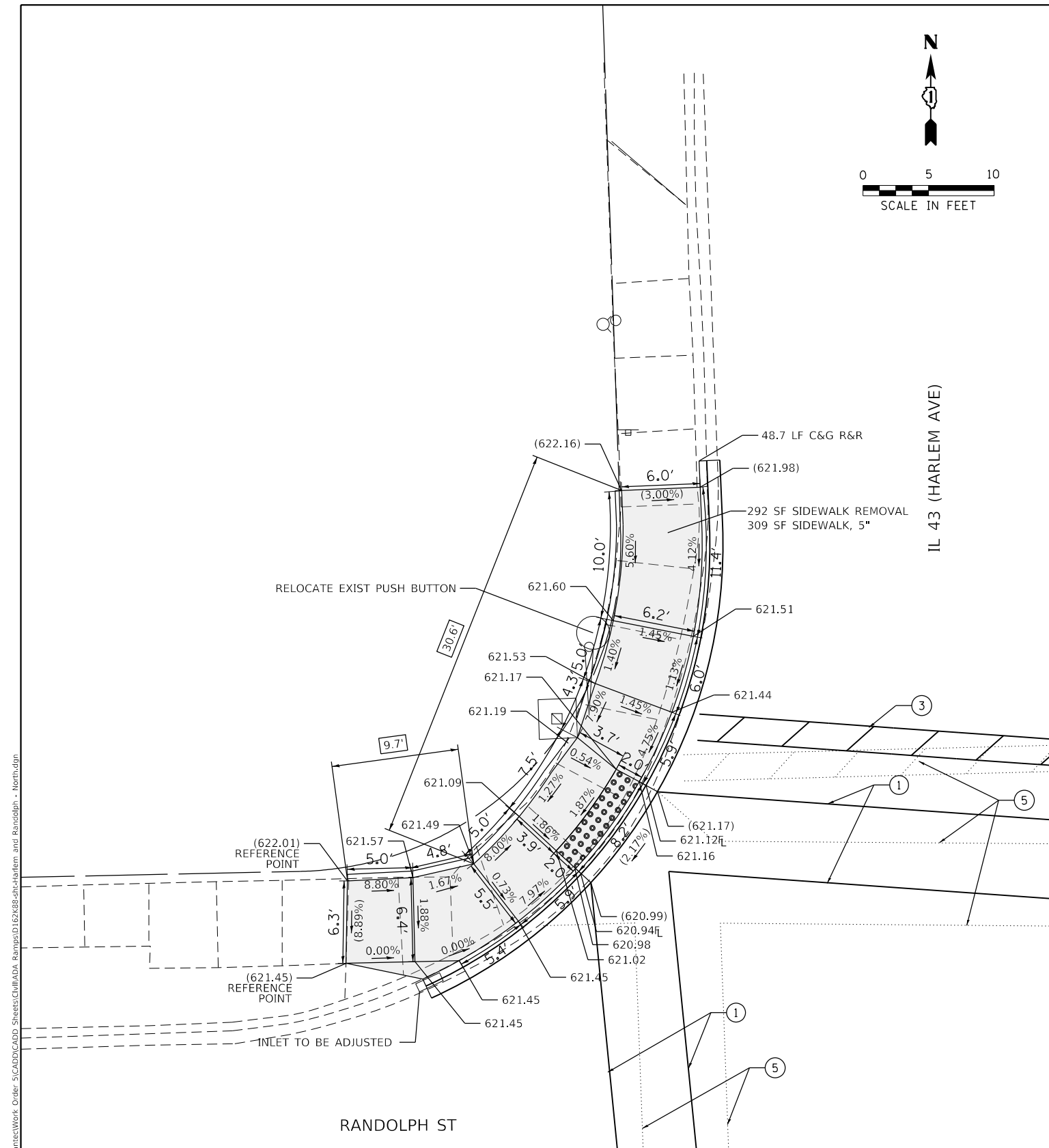
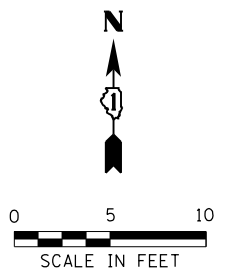
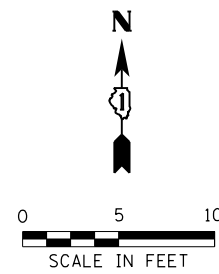
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PLOT DATE = 2/3/2021	DATE - 07-24-2020	REVISIONS -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS - OAK PARK
 WASHINGTON BLVD AND IL 43 (HARLEM AVE) - II**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	29
CONTRACT NO. 62K88				
ILLINOIS		FED. AID PROJECT		



PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING- LINE 6" (CROSSWALK, WHITE)
- ② THERMOPLASTIC PAVEMENT MARKING- LINE 12" (CROSSWALK, WHITE)
- ③ THERMOPLASTIC PAVEMENT MARKING- LINE 24" (STOP BAR, WHITE)
- ④ PAVEMENT MARKING REMOVAL- GRINDING
- ⑤ PAVEMENT MARKING REMOVAL-WATER BLASTING

LEGEND

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

REFERENCE BENCHMARK ELEV 621.15
 BENCHMARK : NW BOLT OF HYDRANT
 LOCATION : SW CORNER OF MAPLE AVENUE & MONROE STREET

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS - OAK PARK
 RANDOLPH ST AND IL 43 (HARLEM AVE) - I**

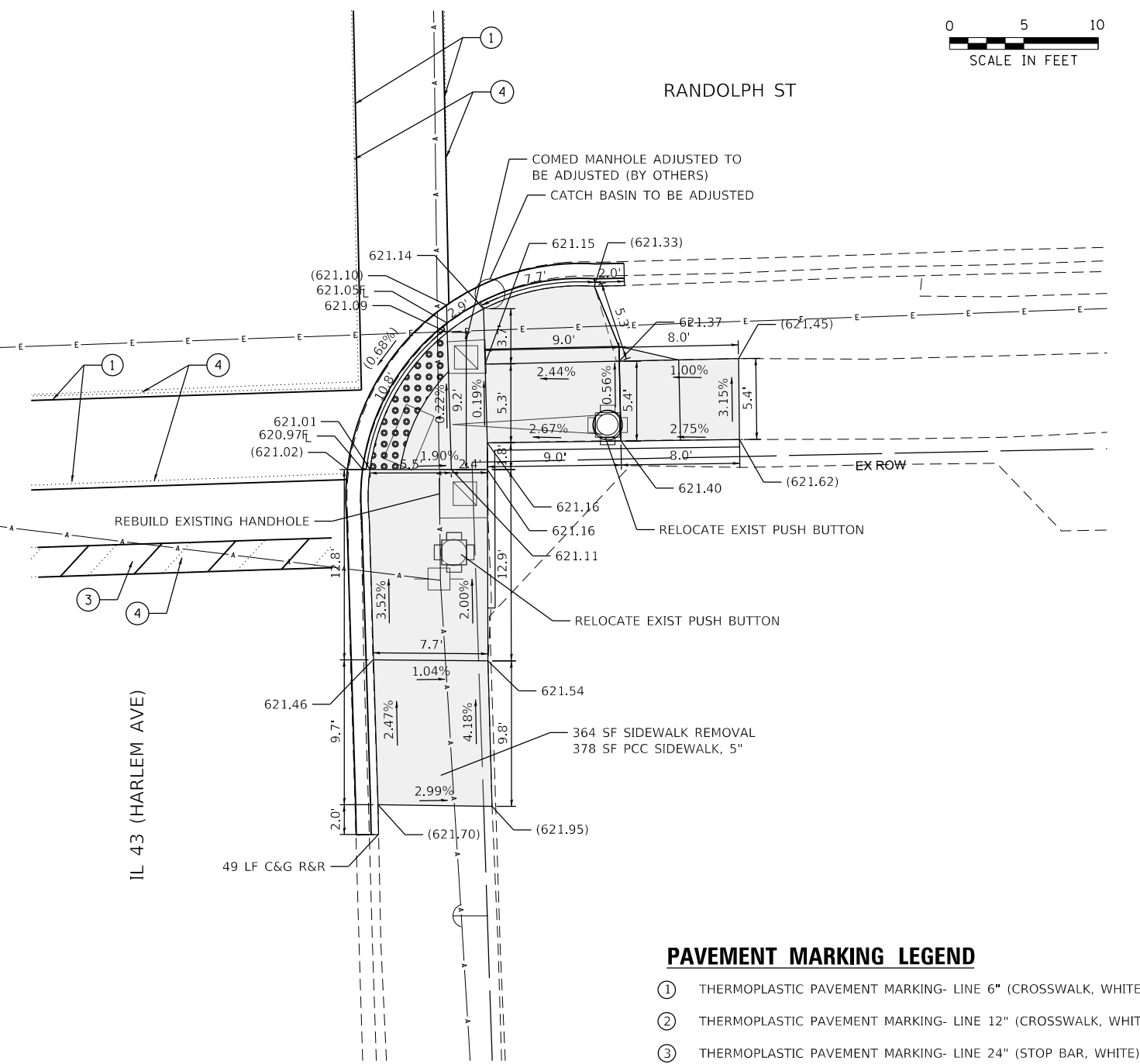
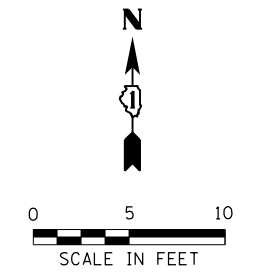
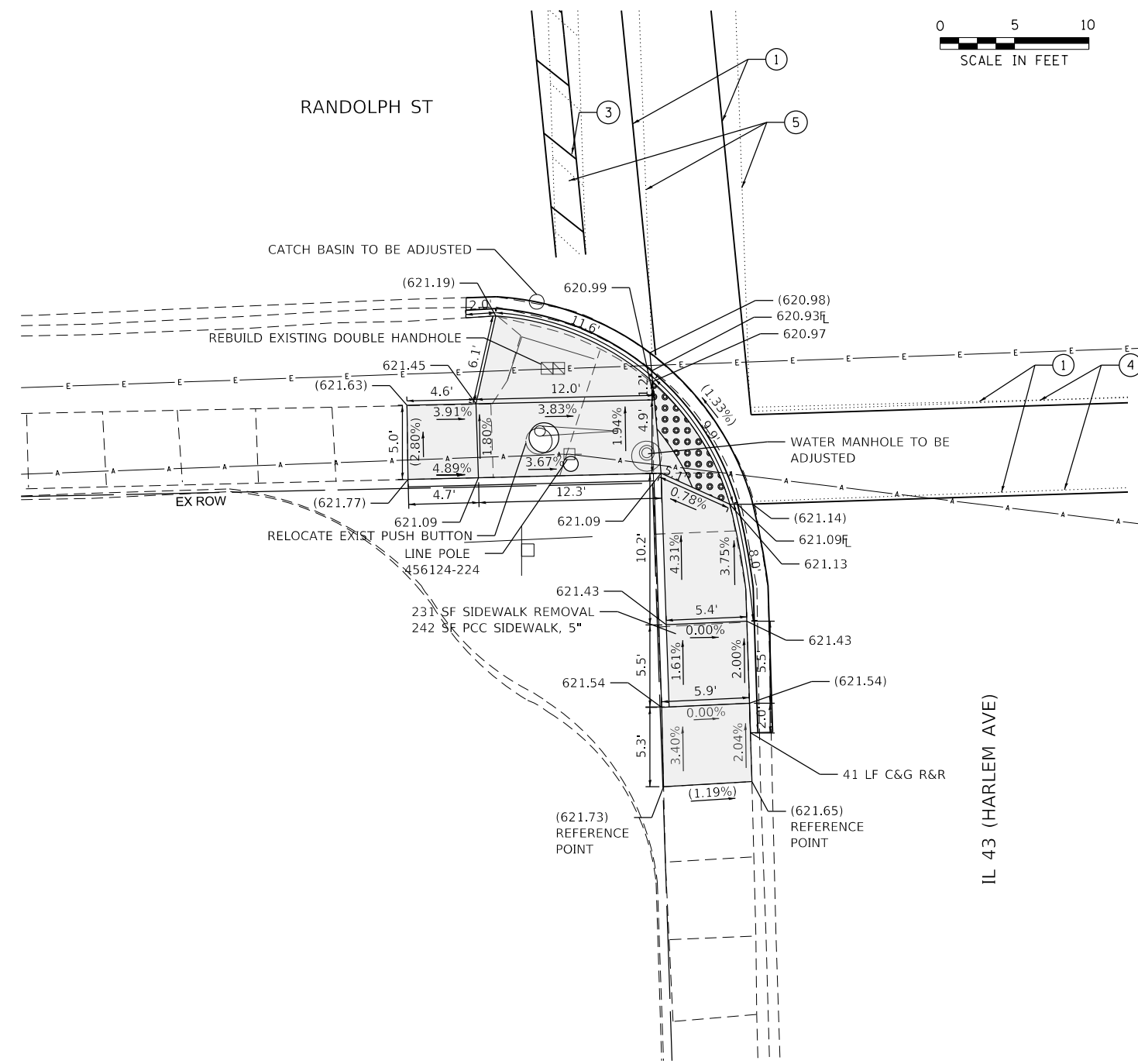
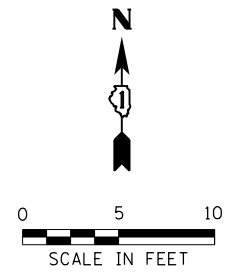


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PLOT DATE = 2/3/2021	CHECKED - DH	REVISED -
	DATE - 07-24-2020	REVISED -

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2020-017-SW	COOK	91	30
CONTRACT NO.			62K88	
ILLINOIS FED. AID PROJECT				

MODEL: Default
 FILE: Model - SE Engineering\Live\Projects\2002_017_IL 43 - Spawrct\Work Order - S\CADD\CADD Sheets\Civil\ADA Ramps\11242888.rvt - 1416am and Randolph - North.dgn



- PAVEMENT MARKING LEGEND**
- ① THERMOPLASTIC PAVEMENT MARKING- LINE 6" (CROSSWALK, WHITE)
 - ② THERMOPLASTIC PAVEMENT MARKING- LINE 12" (CROSSWALK, WHITE)
 - ③ THERMOPLASTIC PAVEMENT MARKING- LINE 24" (STOP BAR, WHITE)
 - ④ PAVEMENT MARKING REMOVAL- GRINDING
 - ⑤ PAVEMENT MARKING REMOVAL-WATER BLASTING

REFERENCE BENCHMARK ELEV 621.15
 BENCHMARK : NW BOLT OF HYDRANT
 LOCATION : SW CORNER OF MAPLE AVENUE & MONROE STREET

LEGEND

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

REFERENCE BENCHMARK ELEV 621.15
 BENCHMARK : NW BOLT OF HYDRANT
 LOCATION : SW CORNER OF MAPLE AVENUE & MONROE STREET

MODEL: Default
 FILE: Model - Civil Engineering\Live\Projects\2002_04_IL 43 - Spawrct\Work Order - S\CADD\CADD Sheets\Civil\ADA_Ramps\1161688-01-Harlem and Randolph - South.dgn

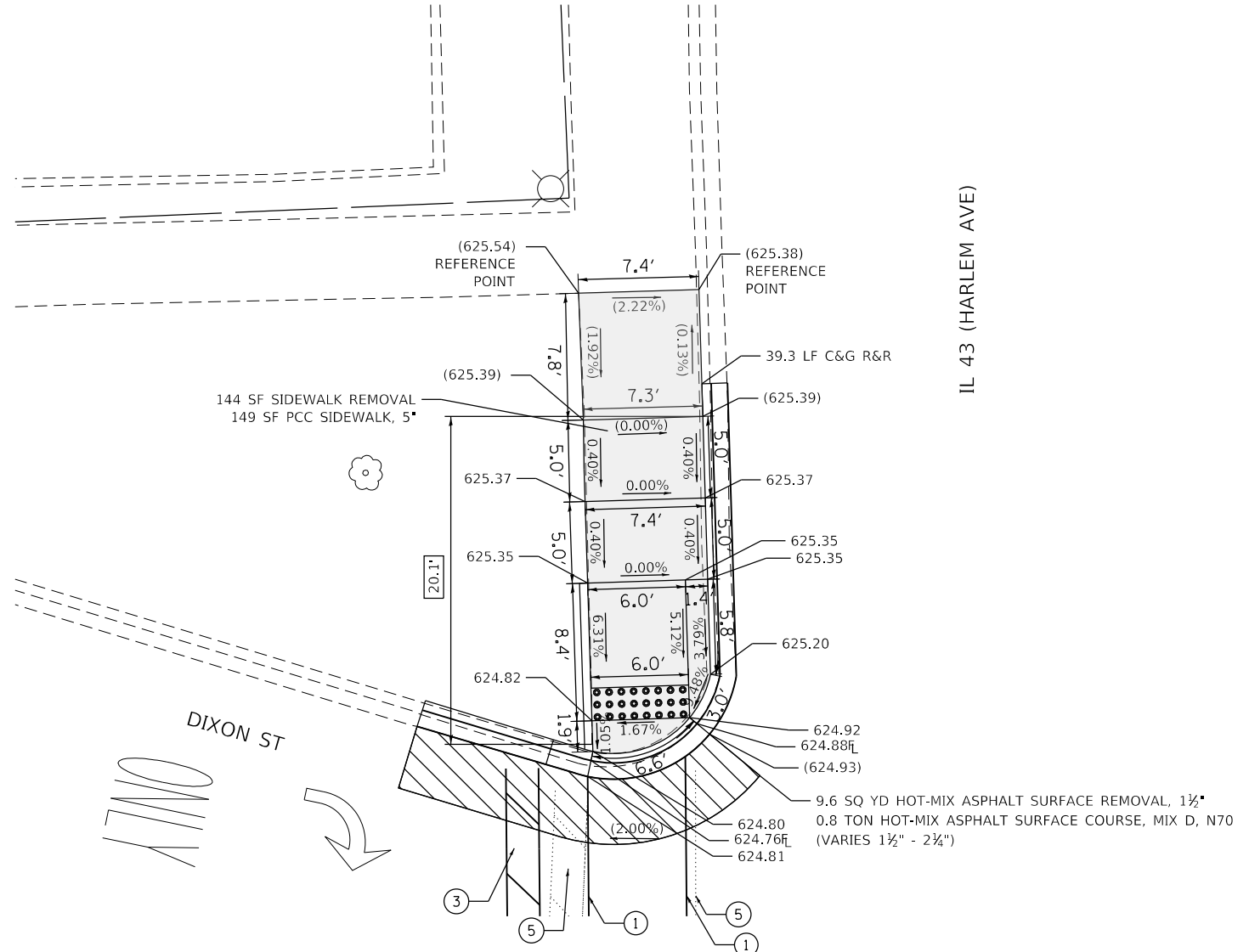
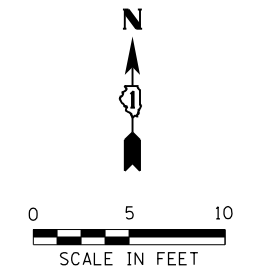
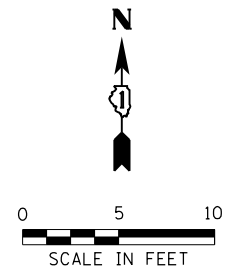


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	DRAWN - CR	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - DH	REVISED -
PLOT DATE = 2/3/2021	DATE - 07-24-2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SIDEWALK RAMP DETAILS - OAK PARK	
RANDOLPH ST AND IL 43 (HARLEM AVE) - II	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	31
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62K88	



IL 43 (HARLEM AVE)

DIXON ST

ONLY

PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING- LINE 6" (CROSSWALK, WHITE)
- ② THERMOPLASTIC PAVEMENT MARKING- LINE 12" (CROSSWALK, WHITE)
- ③ THERMOPLASTIC PAVEMENT MARKING- LINE 24" (STOP BAR, WHITE)
- ④ PAVEMENT MARKING REMOVAL- GRINDING
- ⑤ PAVEMENT MARKING REMOVAL-WATER BLASTING

REFERENCE BENCHMARK ELEV 624.83
 BENCHMARK : SQUARE SET ON N CONC. LIGHT POLE BASE SW CORNER
 LOCATION : 22 FT SOUTH OF DIXON STREET

LEGEND

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

REFERENCE BENCHMARK ELEV 624.83
 BENCHMARK : SQUARE SET ON N CONC. LIGHT POLE BASE SW CORNER
 LOCATION : 22 FT SOUTH OF DIXON STREET

MODEL: Default
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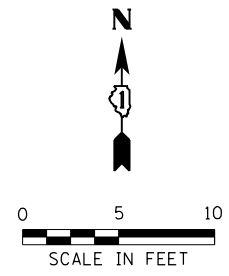
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DRAWN - DW	REVISIONS -	
PLOT SCALE = 10.0000 ' / in.	CHECKED - DH	REVISED -
PLOT DATE = 2/3/2021	DATE - 07-24-2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

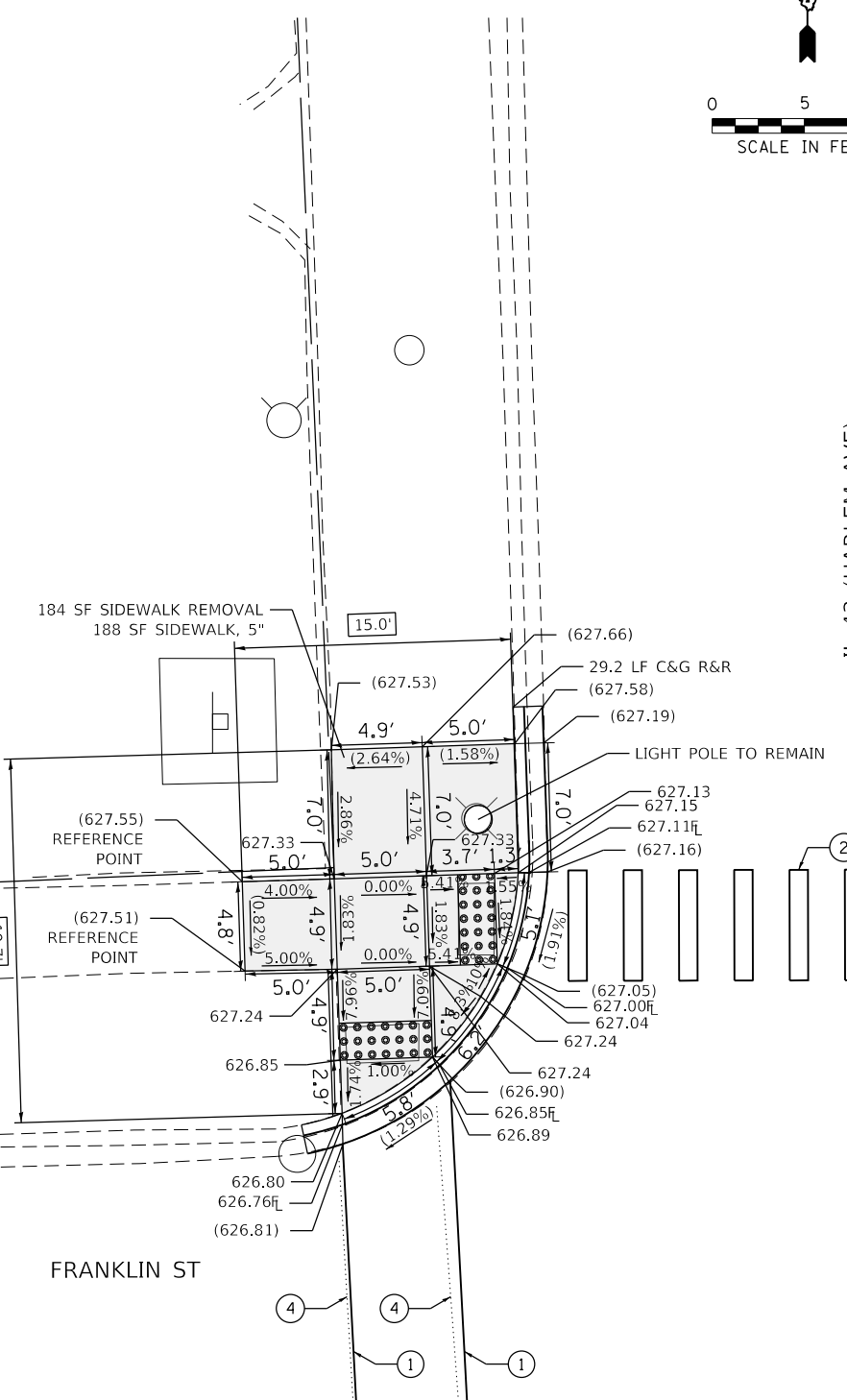
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 DIXON ST AND IL 43 (HARLEM AVE)**

SCALE: SHEET OF SHEETS STA. TO STA.

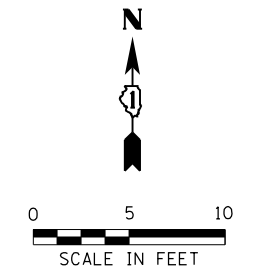
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	32
CONTRACT NO.			62K88	
ILLINOIS		FED. AID PROJECT		



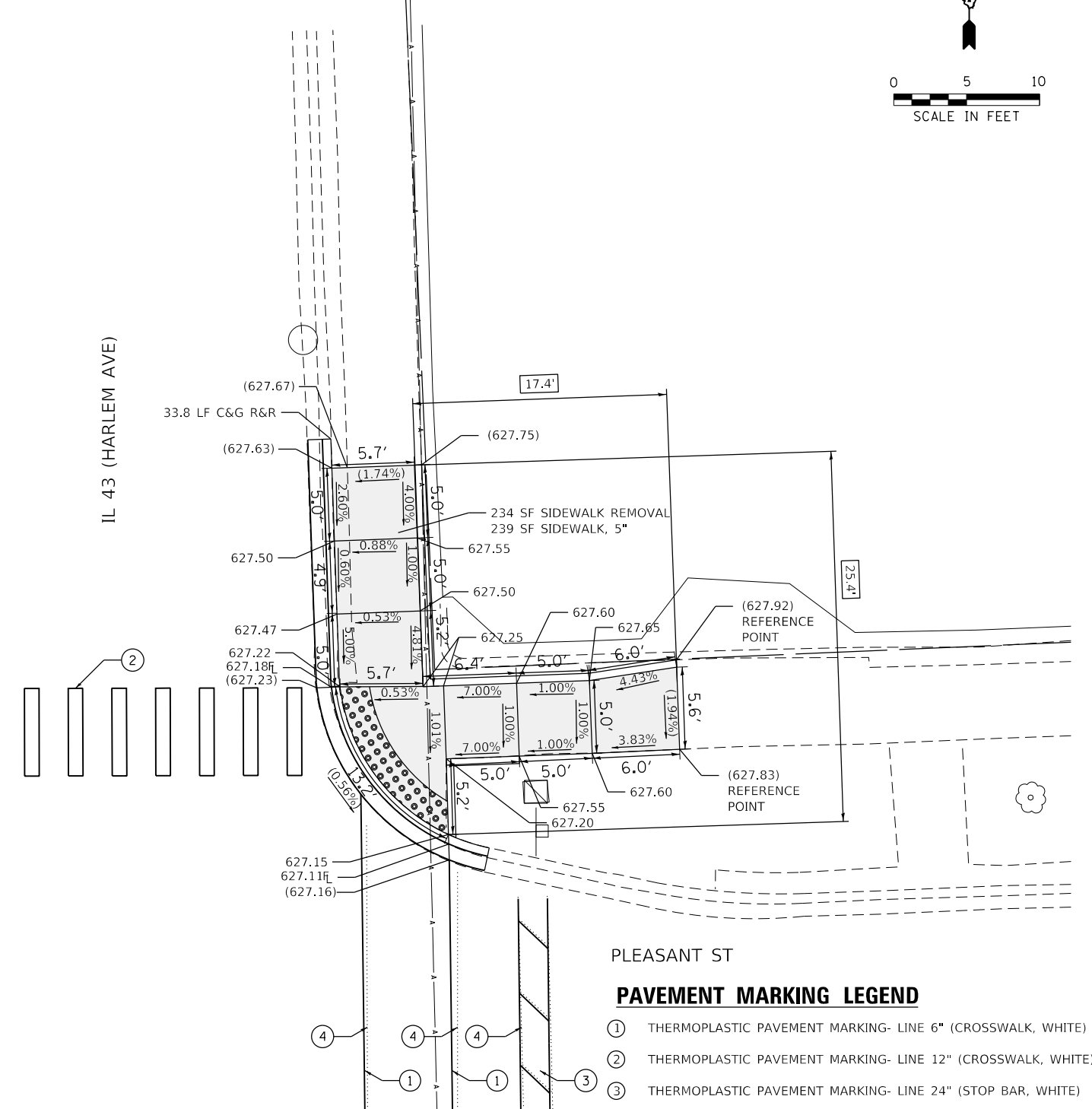
IL 43 (HARLEM AVE)



FRANKLIN ST



IL 43 (HARLEM AVE)



PLEASANT ST

PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING- LINE 6" (CROSSWALK, WHITE)
- ② THERMOPLASTIC PAVEMENT MARKING- LINE 12" (CROSSWALK, WHITE)
- ③ THERMOPLASTIC PAVEMENT MARKING- LINE 24" (STOP BAR, WHITE)
- ④ PAVEMENT MARKING REMOVAL- GRINDING
- ⑤ PAVEMENT MARKING REMOVAL-WATER BLASTING

REFERENCE BENCHMARK ELEV 627.39

BENCHMARK : SQUARE SET ON E CONC. LIGHT POLE BASE SW CORNER

LOCATION : 3 FT SOUTH OF FRANKLIN STREET

LEGEND

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

REFERENCE BENCHMARK ELEV 627.39

BENCHMARK : SQUARE SET ON E CONC. LIGHT POLE BASE SW CORNER

LOCATION : 3 FT SOUTH OF FRANKLIN STREET

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

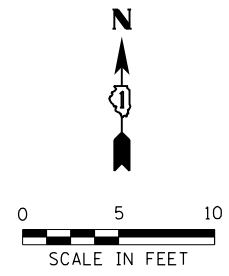
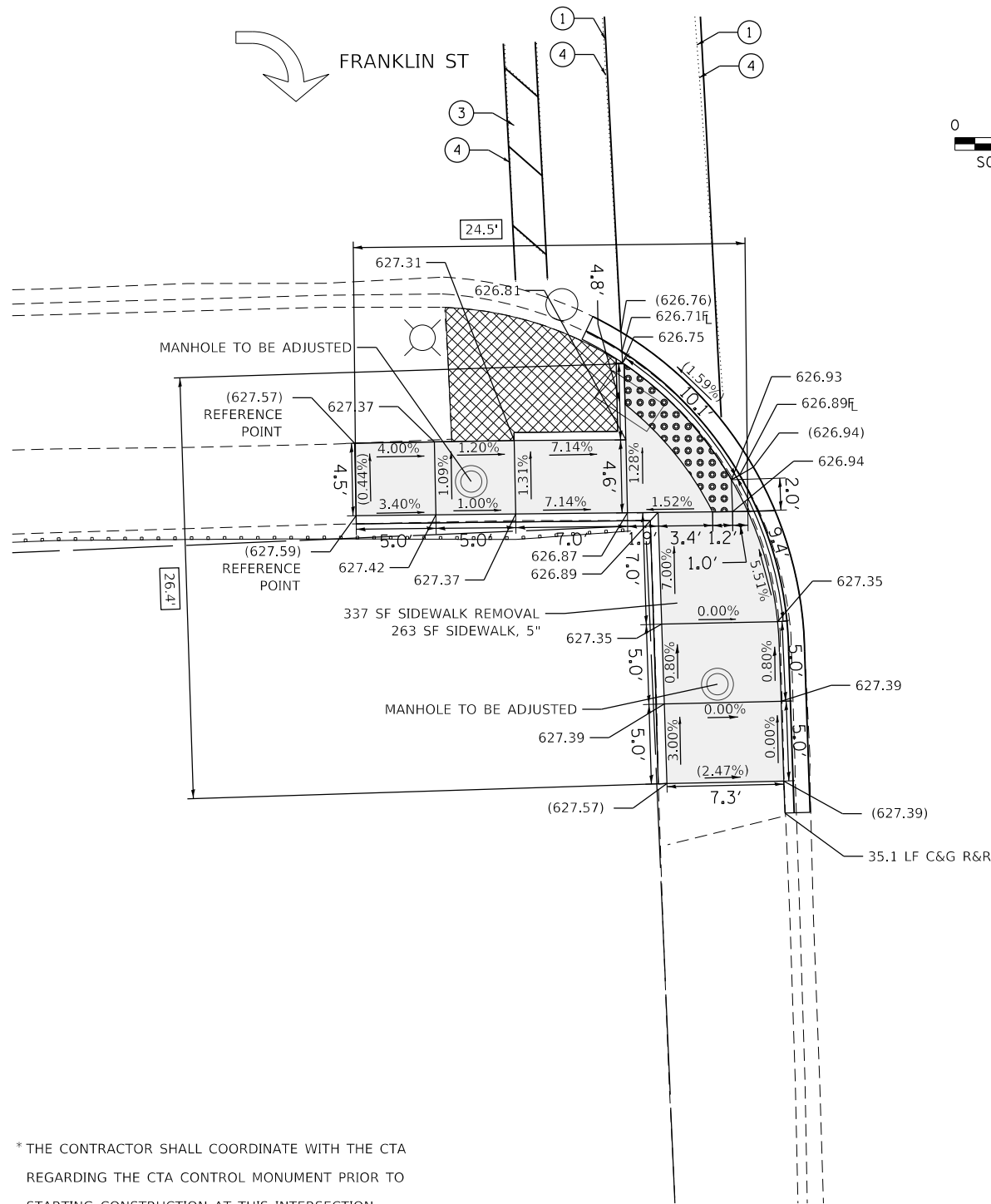
**SIDEWALK RAMP DETAILS - OAK PARK
FRANKLIN ST /PLEASANT ST AND IL 43 (HARLEM AVE) - I**



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	DRAWN - CR	REVISED -
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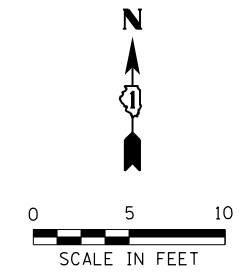
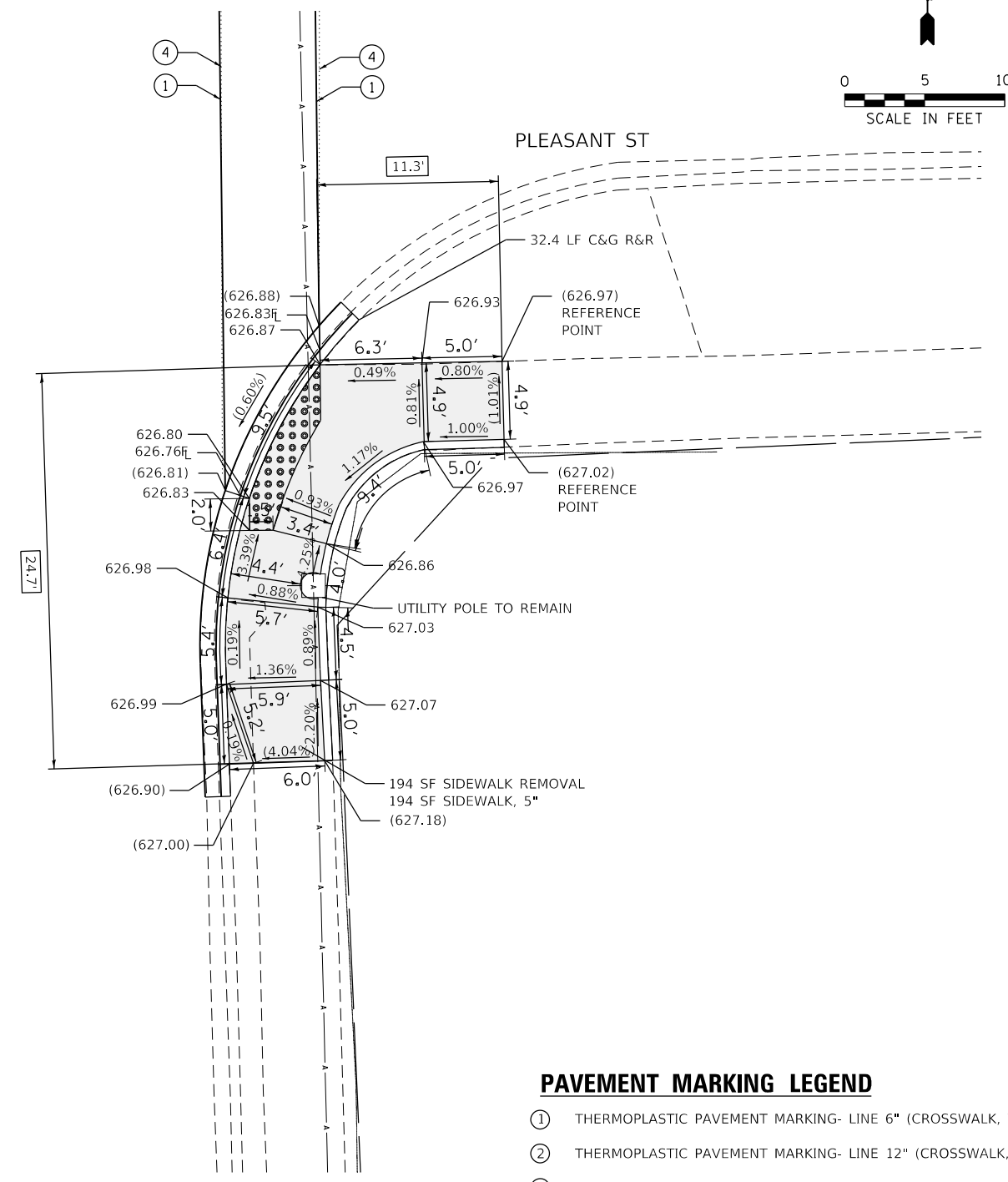
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	33
CONTRACT NO.			62K88	
ILLINOIS FED. AID PROJECT				

MODEL: Default
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IL 43 (HARLEM AVE)

* THE CONTRACTOR SHALL COORDINATE WITH THE CTA REGARDING THE CTA CONTROL MONUMENT PRIOR TO STARTING CONSTRUCTION AT THIS INTERSECTION. CTA CONTACT PERSON XXXXXX AT XXXXXX.



IL 43 (HARLEM AVE)

PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING- LINE 6" (CROSSWALK, WHITE)
- ② THERMOPLASTIC PAVEMENT MARKING- LINE 12" (CROSSWALK, WHITE)
- ③ THERMOPLASTIC PAVEMENT MARKING- LINE 24" (STOP BAR, WHITE)
- ④ PAVEMENT MARKING REMOVAL- GRINDING
- ⑤ PAVEMENT MARKING REMOVAL-WATER BLASTING

REFERENCE BENCHMARK ELEV 627.39
 BENCHMARK : SQUARE SET ON E CONC. LIGHT POLE BASE SW CORNER
 LOCATION : 3 FT SOUTH OF FRANKLIN STREET

LEGEND

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

REFERENCE BENCHMARK ELEV 627.39
 BENCHMARK : SQUARE SET ON E CONC. LIGHT POLE BASE SW CORNER
 LOCATION : 3 FT SOUTH OF FRANKLIN STREET

MODEL: Default
 FILE: Model - SE Engineering\Live\Projects\2002_Pk1_DJR_Spanect\Work Order -S\CADD\CADD Sheets\Civil\ADA_Ramps\162K88\pk1-harlem and frank-pleas -South.dgn



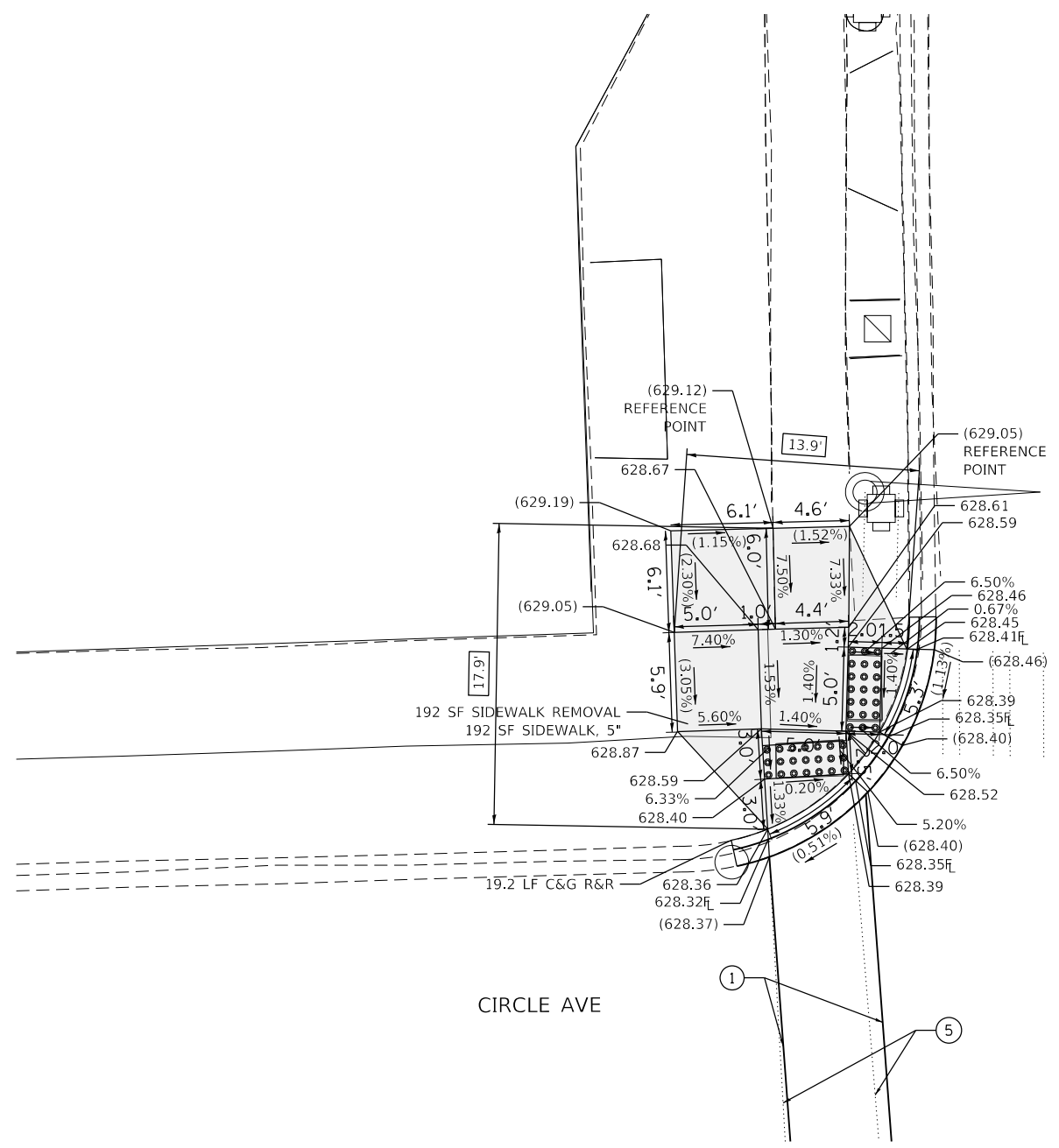
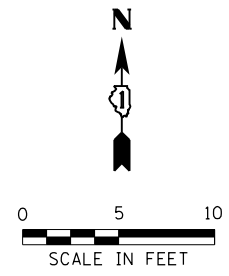
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PLOT DATE = 2/3/2021	DATE - 07-24-2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS - OAK PARK
 FRANKLIN ST / PLEASANT ST AND IL 43 (HARLEM AVE) - II**

SCALE: SHEET OF SHEETS STA. TO STA.

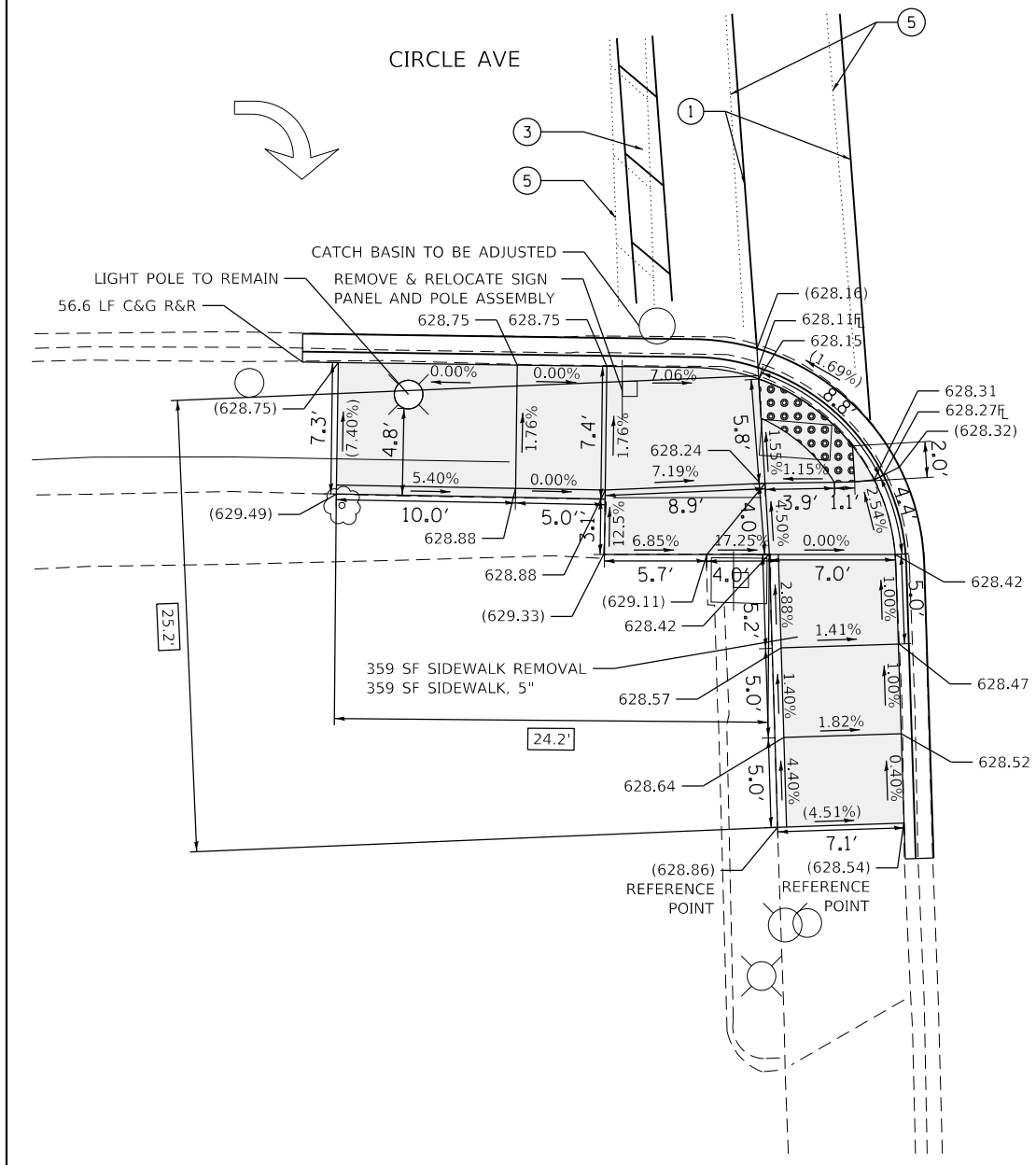
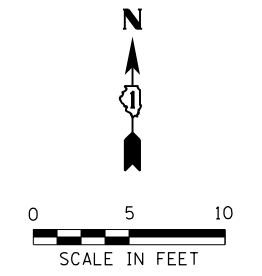
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	34
CONTRACT NO. 62K88			ILLINOIS FED. AID PROJECT	



IL 43 (HARLEM AVE)

IL 43 (HARLEM AVE)

CIRCLE AVE



IL 43 (HARLEM AVE)

CIRCLE AVE

PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING- LINE 6" (CROSSWALK, WHITE)
- ② THERMOPLASTIC PAVEMENT MARKING- LINE 12" (CROSSWALK, WHITE)
- ③ THERMOPLASTIC PAVEMENT MARKING- LINE 24" (STOP BAR, WHITE)
- ④ PAVEMENT MARKING REMOVAL- GRINDING
- ⑤ PAVEMENT MARKING REMOVAL-WATER BLASTING

LEGEND

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

REFERENCE BENCHMARK ELEV 627.39

BENCHMARK : SQUARE SET ON E CONC. LIGHT POLE BASE SW CORNER

LOCATION : 3 FT SOUTH OF FRANKLIN STREET

REFERENCE BENCHMARK ELEV 627.39

BENCHMARK : SQUARE SET ON E CONC. LIGHT POLE BASE SW CORNER

LOCATION : 3 FT SOUTH OF FRANKLIN STREET

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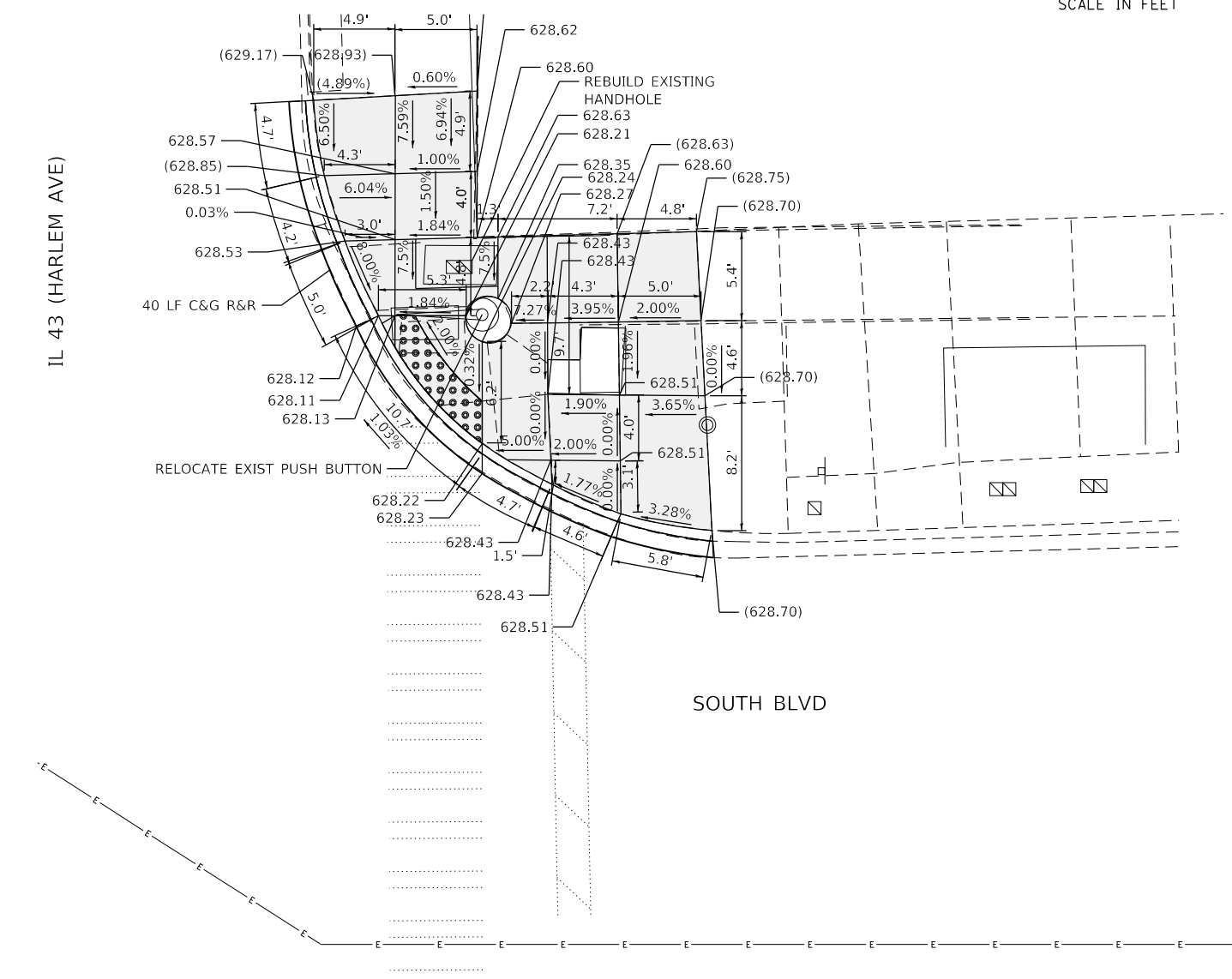
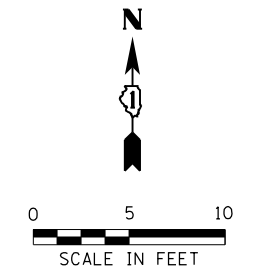
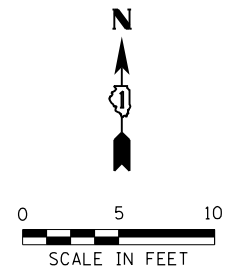
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PLOT DATE = 2/3/2021	DATE - 07-24-2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS - OAK PARK
CIRCLE AVE AND IL 43 (HARLEM AVE)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	35
CONTRACT NO.			62K88	
ILLINOIS FED. AID PROJECT				



- PAVEMENT MARKING LEGEND**
- ① THERMOPLASTIC PAVEMENT MARKING- LINE 6" (CROSSWALK, WHITE)
 - ② THERMOPLASTIC PAVEMENT MARKING- LINE 12" (CROSSWALK, WHITE)
 - ③ THERMOPLASTIC PAVEMENT MARKING- LINE 24" (STOP BAR, WHITE)
 - ④ PAVEMENT MARKING REMOVAL- GRINDING
 - ⑤ PAVEMENT MARKING REMOVAL-WATER BLASTING

REFERENCE BENCHMARK ELEV 627.39
 BENCHMARK : SQUARE SET ON E CONC. LIGHT POLE BASE SW CORNER
 LOCATION : 3 FT SOUTH OF FRANKLIN STREET

LEGEND

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

REFERENCE BENCHMARK ELEV 627.39
 BENCHMARK : SQUARE SET ON E CONC. LIGHT POLE BASE SW CORNER
 LOCATION : 3 FT SOUTH OF FRANKLIN STREET

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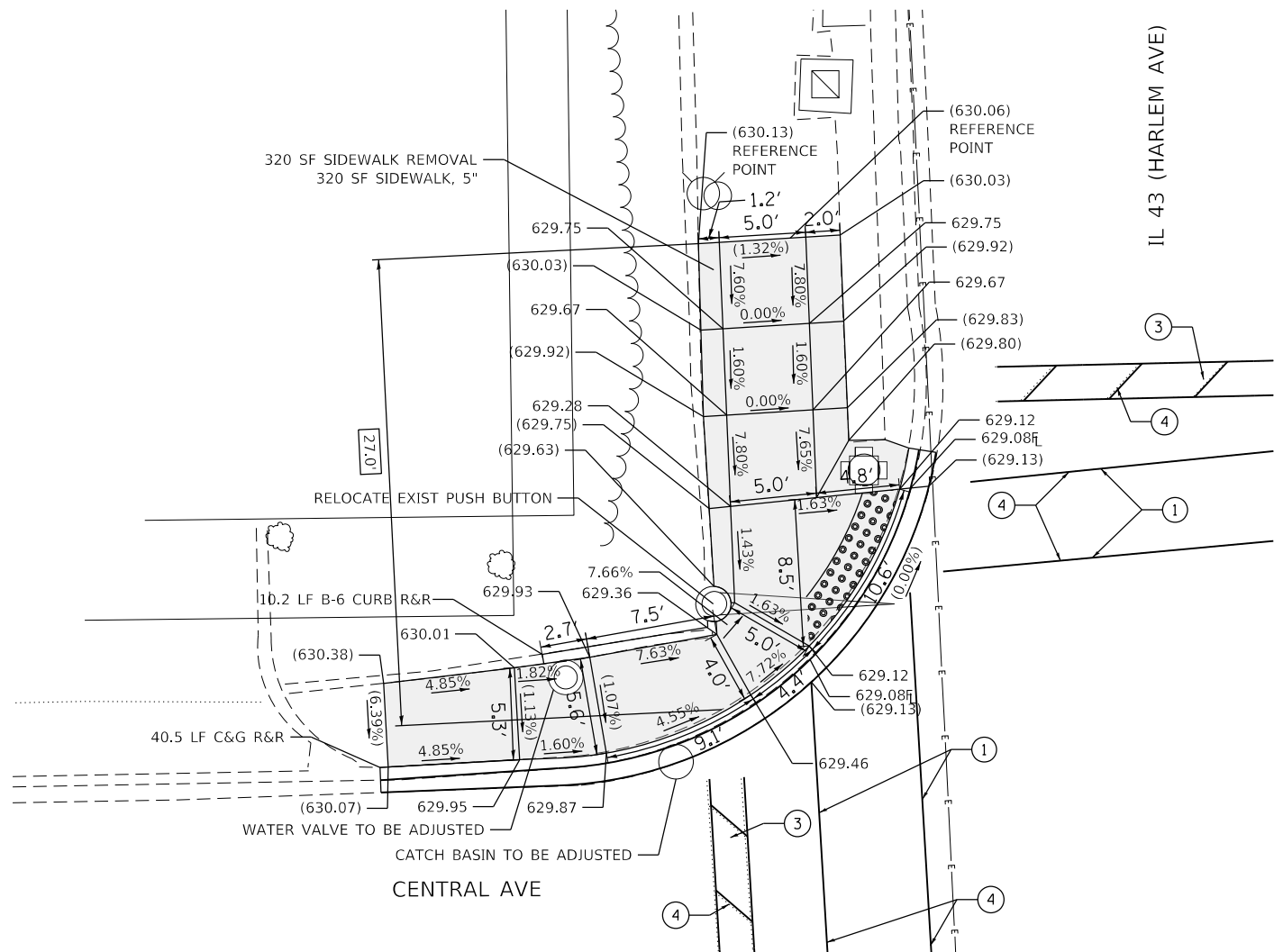
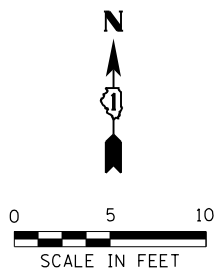
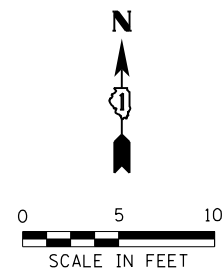
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DRAWN - AB	REVISIONS -	
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PLOT DATE = 2/3/2021	DATE - 07-24-2020	REVISIONS -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS - OAK PARK
SOUTH BLVD AND IL 43 (HARLEM AVE)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	36
CONTRACT NO.			62K88	
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING- LINE 6" (CROSSWALK, WHITE)
- ② THERMOPLASTIC PAVEMENT MARKING- LINE 12" (CROSSWALK, WHITE)
- ③ THERMOPLASTIC PAVEMENT MARKING- LINE 24" (STOP BAR, WHITE)
- ④ PAVEMENT MARKING REMOVAL- GRINDING
- ⑤ PAVEMENT MARKING REMOVAL-WATER BLASTING

REFERENCE BENCHMARK ELEV 627.39
 BENCHMARK : SQUARE SET ON E CONC. LIGHT POLE BASE SW CORNER
 LOCATION : 3 FT SOUTH OF FRANKLIN STREET

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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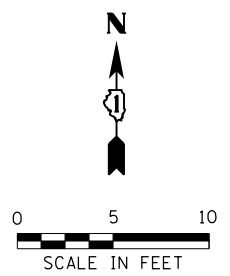
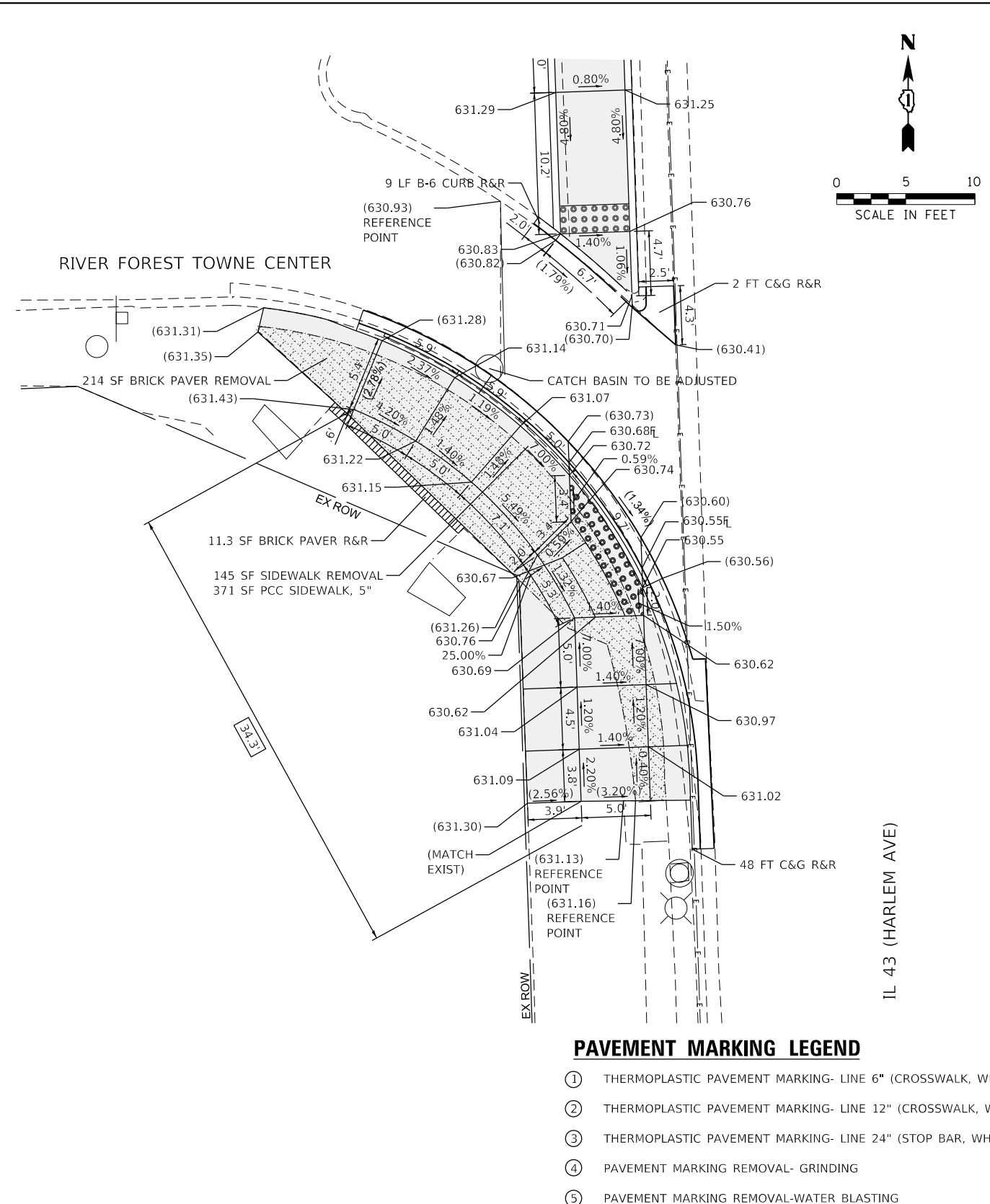
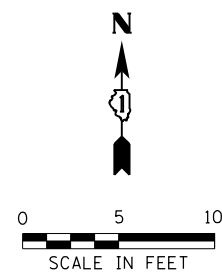
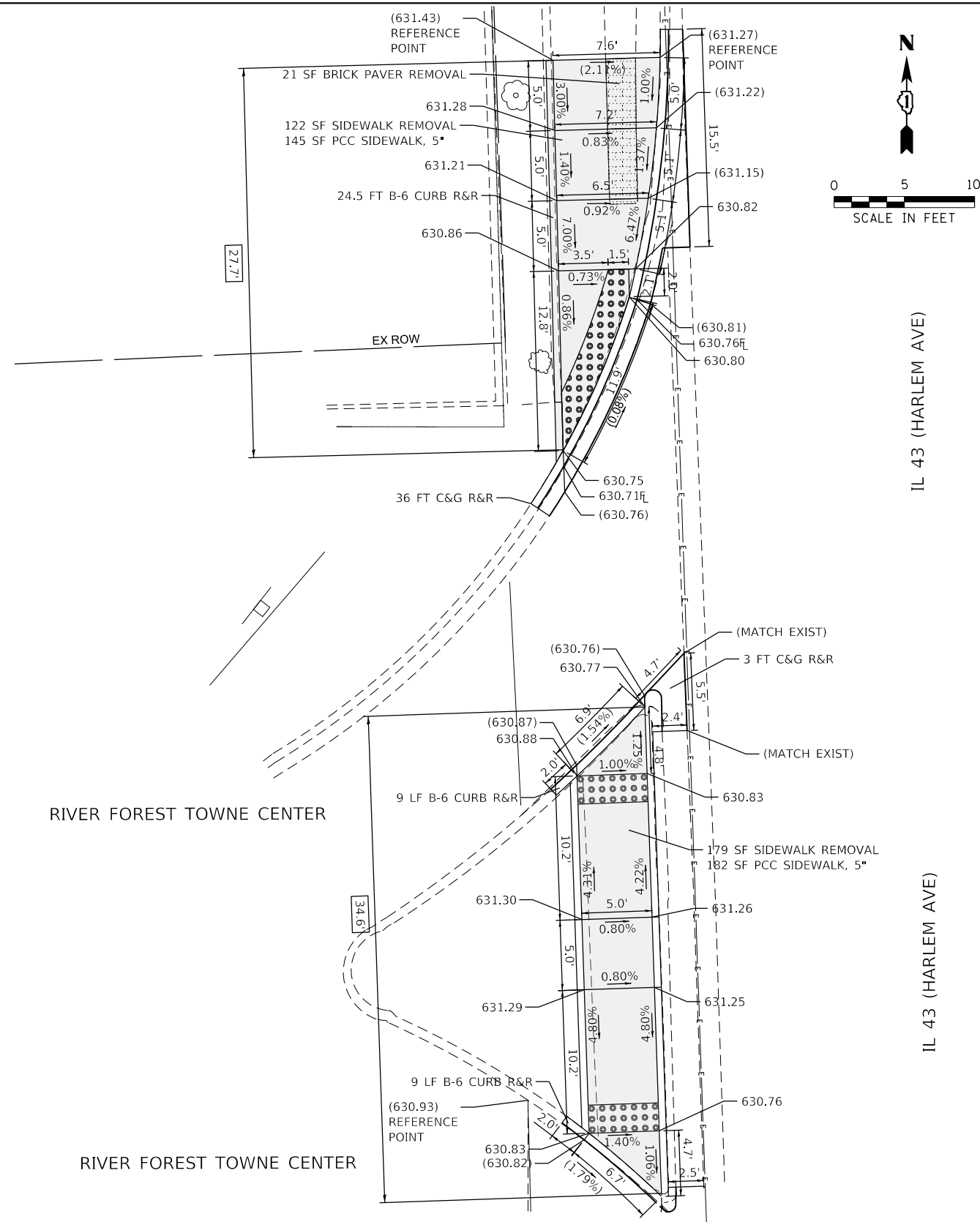
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PLOT DATE = 2/3/2021	DATE - 07-24-2020	REVISIONS -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS - OAK PARK
CENTRAL AVE /NORTH BLVD AND IL 43 (HARLEM AVE) - I**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	37
CONTRACT NO.			62K88	
ILLINOIS		FED. AID PROJECT		

SCALE: SHEET OF SHEETS STA. TO STA.



PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING- LINE 6" (CROSSWALK, WHITE)
- ② THERMOPLASTIC PAVEMENT MARKING- LINE 12" (CROSSWALK, WHITE)
- ③ THERMOPLASTIC PAVEMENT MARKING- LINE 24" (STOP BAR, WHITE)
- ④ PAVEMENT MARKING REMOVAL- GRINDING
- ⑤ PAVEMENT MARKING REMOVAL-WATER BLASTING

LEGEND

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

REFERENCE BENCHMARK ELEV 630.00
 BENCHMARK : SQUARE IN CONC BASE OF TRAFFIC SIGNAL POLE NW CORNER
 LOCATION : 8 FT NORTH OF CENTRAL AVENUE

REFERENCE BENCHMARK ELEV 630.00
 BENCHMARK : SQUARE IN CONC BASE OF TRAFFIC SIGNAL POLE NW CORNER
 LOCATION : 8 FT NORTH OF CENTRAL AVENUE

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USER NAME = jschumann	DESIGNED - CR	REVISED -
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PLOT DATE = 2/3/2021	CHECKED - DH	REVISED -
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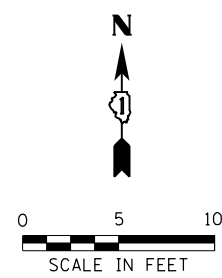
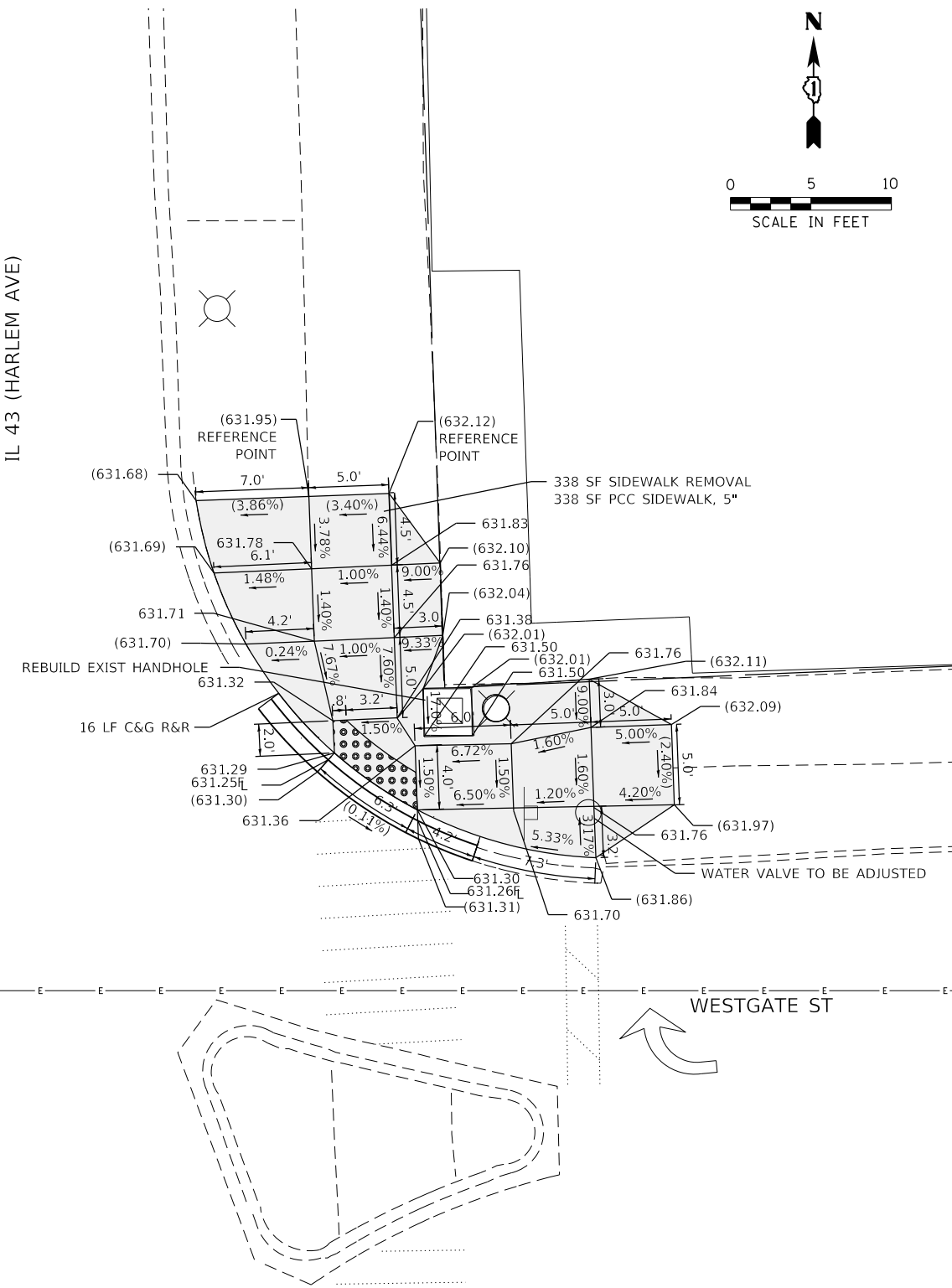
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS - OAK PARK
 RIVER FOREST TOWNE CENTER AND IL 43 (HARLEM AVE)**

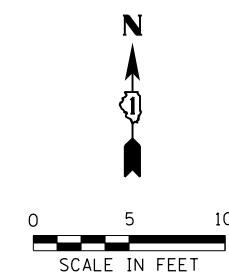
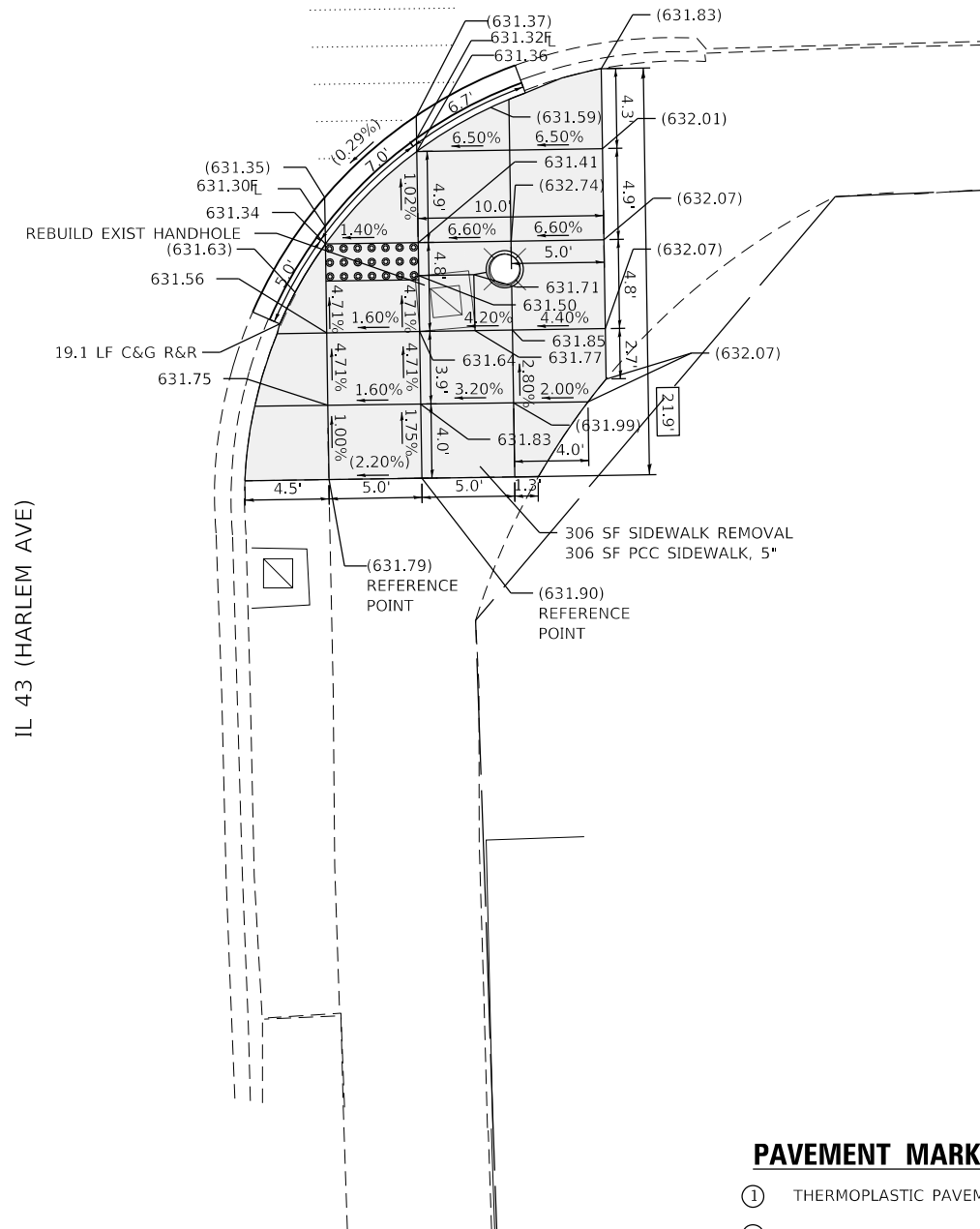
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	94	39
CONTRACT NO.			62K88	
ILLINOIS		FED. AID PROJECT		

IL 43 (HARLEM AVE)



IL 43 (HARLEM AVE)



PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING- LINE 6" (CROSSWALK, WHITE)
- ② THERMOPLASTIC PAVEMENT MARKING- LINE 12" (CROSSWALK, WHITE)
- ③ THERMOPLASTIC PAVEMENT MARKING- LINE 24" (STOP BAR, WHITE)
- ④ PAVEMENT MARKING REMOVAL- GRINDING
- ⑤ PAVEMENT MARKING REMOVAL-WATER BLASTING

REFERENCE BENCHMARK ELEV 630.00
 BENCHMARK : SQUARE IN CONC BASE OF TRAFFIC SIGNAL POLE NW CORNER
 LOCATION : 8 FT NORTH OF CENTRAL AVENUE

LEGEND

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

REFERENCE BENCHMARK ELEV 630.00
 BENCHMARK : SQUARE IN CONC BASE OF TRAFFIC SIGNAL POLE NW CORNER
 LOCATION : 8 FT NORTH OF CENTRAL AVENUE

MODEL: Default
 FILE: Model - SE Engineering\Live\Projects\2002_04_IL 43 - Spawrct\Work Order - S\CADD\CADD Sheets\Civil\ADA_Ramps\1161688.rvt-Harlem and Westgate - RE-SE.dgn



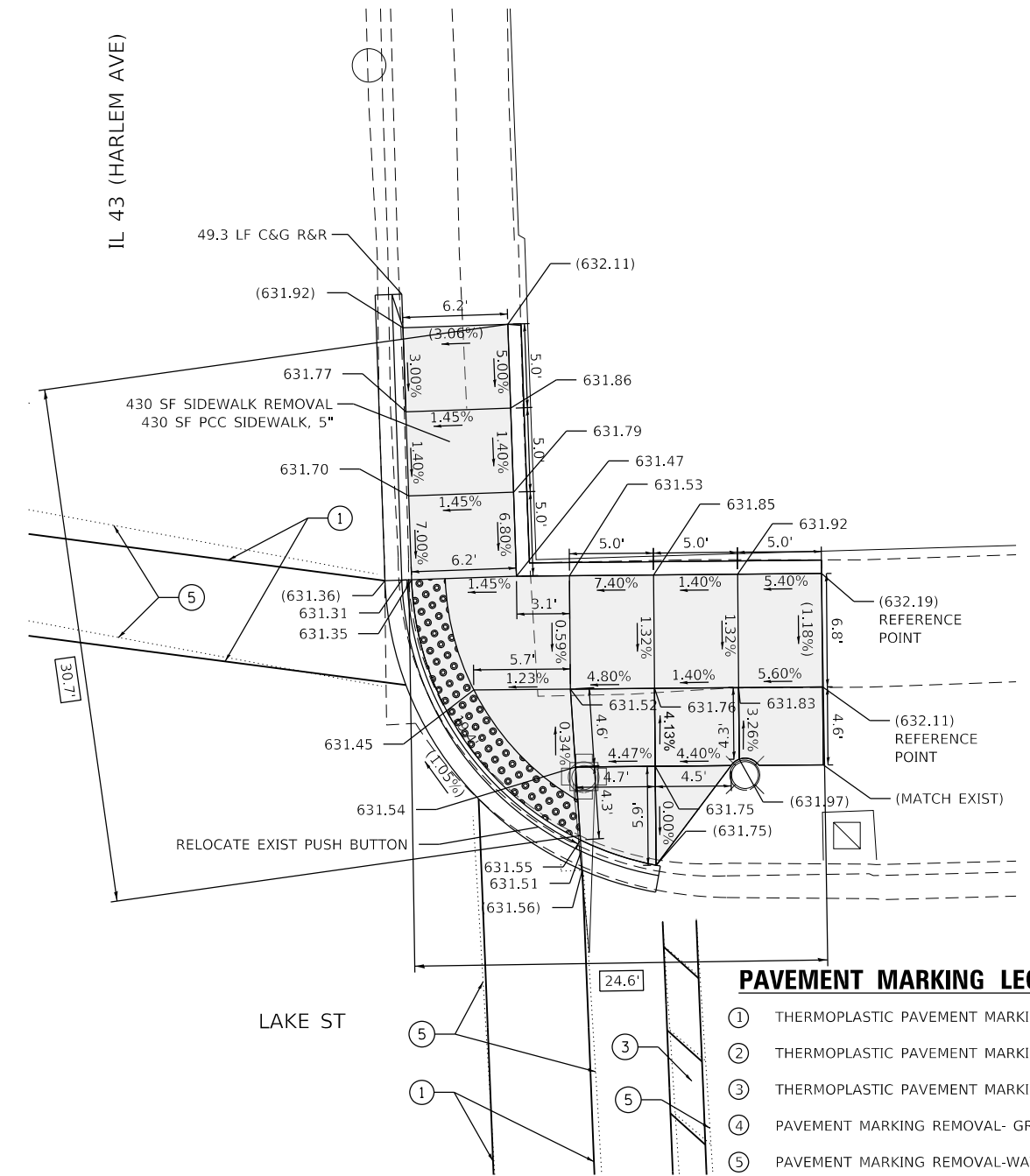
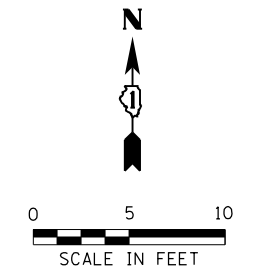
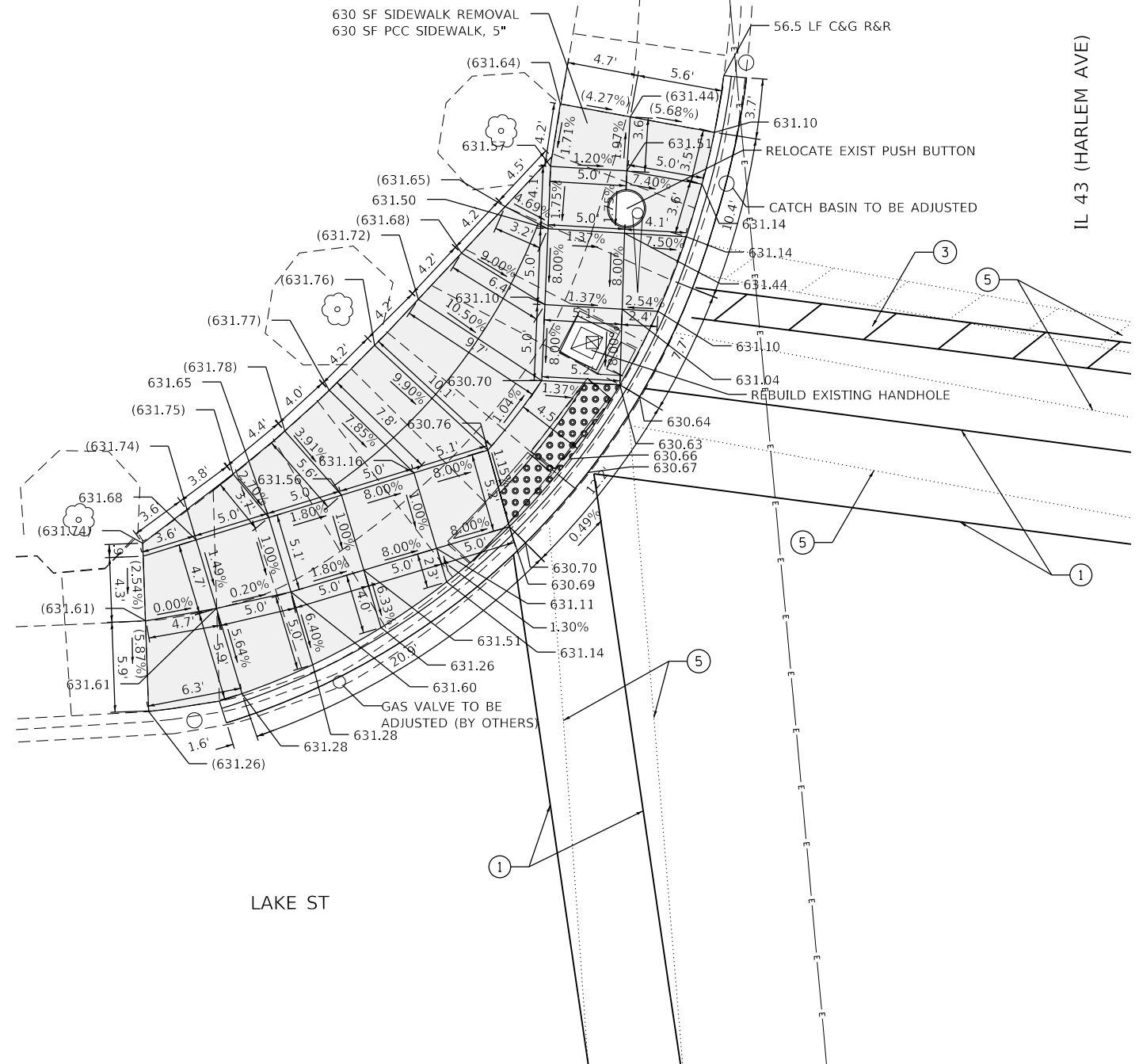
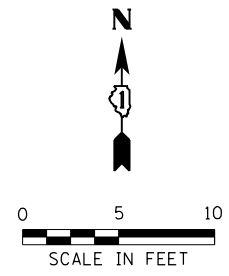
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS - OAK PARK
 WESTGATE ST AND IL 43 (HARLEM AVE)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	40
CONTRACT NO.			62K88	
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

①	THERMOPLASTIC PAVEMENT MARKING- LINE 6" (CROSSWALK, WHITE)
②	THERMOPLASTIC PAVEMENT MARKING- LINE 12" (CROSSWALK, WHITE)
③	THERMOPLASTIC PAVEMENT MARKING- LINE 24" (STOP BAR, WHITE)
④	PAVEMENT MARKING REMOVAL- GRINDING
⑤	PAVEMENT MARKING REMOVAL-WATER BLASTING

REFERENCE BENCHMARK ELEV 630.00
 BENCHMARK : SQUARE IN CONC BASE OF TRAFFIC SIGNAL POLE NW CORNER
 LOCATION : 8 FT NORTH OF CENTRAL AVENUE

LEGEND

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

REFERENCE BENCHMARK ELEV 630.00
 BENCHMARK : SQUARE IN CONC BASE OF TRAFFIC SIGNAL POLE NW CORNER
 LOCATION : 8 FT NORTH OF CENTRAL AVENUE

MODEL: Default
 FILE: Model - SE Engineering\Live\Projects\2002_Pk1\DJR_Spanect\Work Order - S\CADD\CADD Sheets\GullADA_Ramps\1162688.rvt - Harlem and Lake - North.dgn



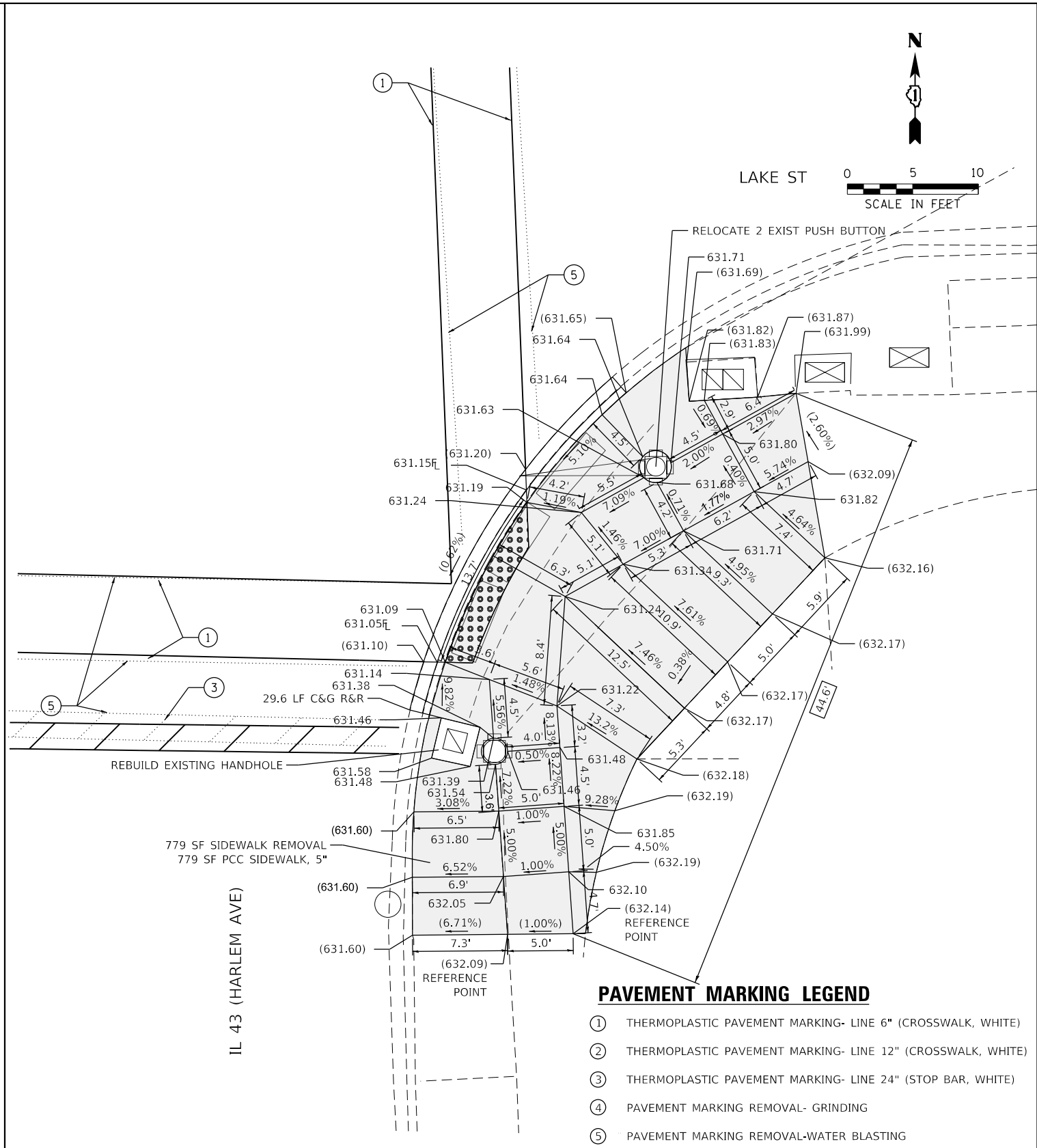
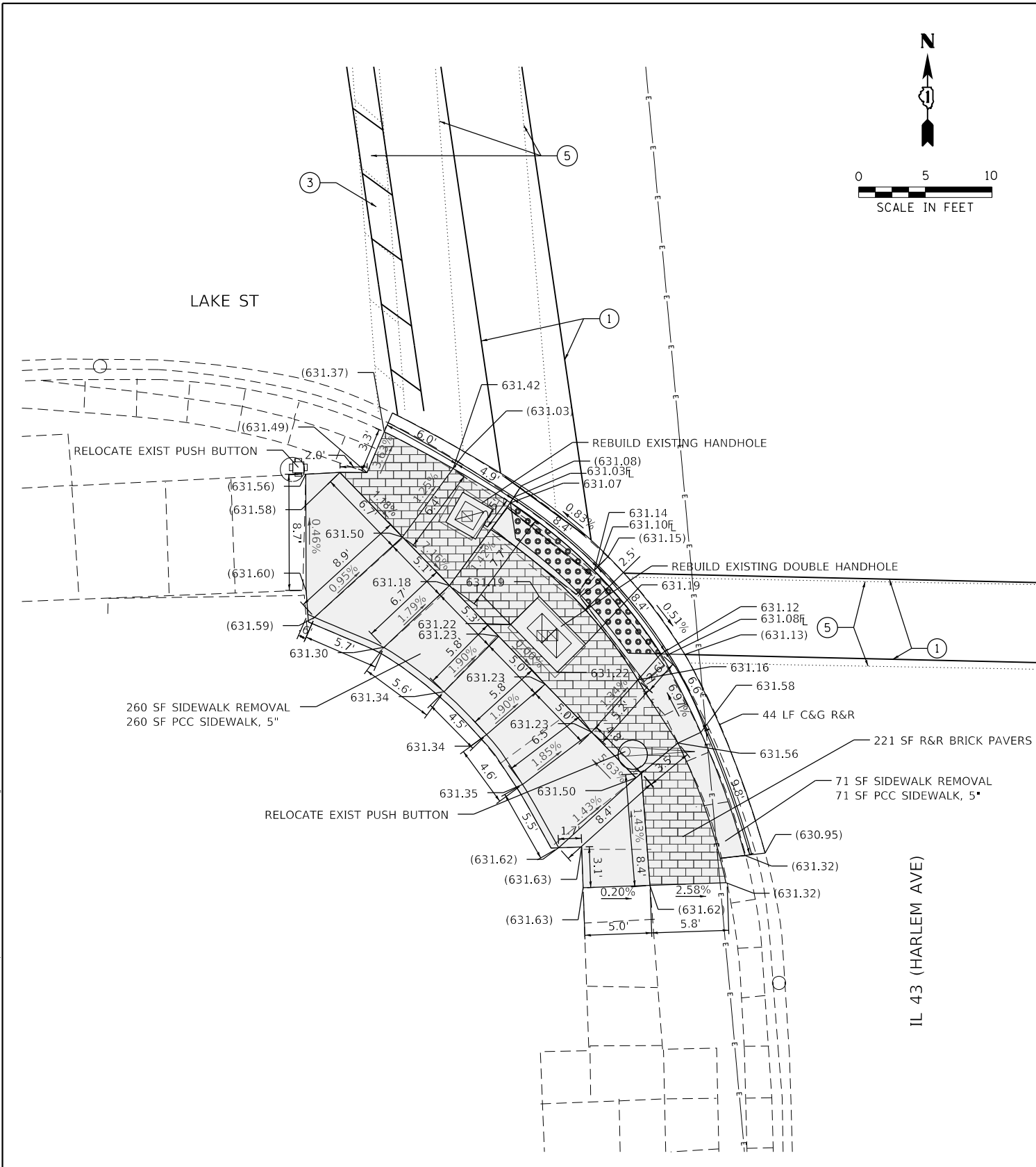
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PLOT DATE = 2/3/2021	DATE - 07-24-2020	REVISIONS -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS - OAK PARK
 LAKE ST AND IL 43 (HARLEM AVE) - I**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	41
CONTRACT NO.			62K88	
ILLINOIS FED. AID PROJECT				



- PAVEMENT MARKING LEGEND**
- ① THERMOPLASTIC PAVEMENT MARKING- LINE 6" (CROSSWALK, WHITE)
 - ② THERMOPLASTIC PAVEMENT MARKING- LINE 12" (CROSSWALK, WHITE)
 - ③ THERMOPLASTIC PAVEMENT MARKING- LINE 24" (STOP BAR, WHITE)
 - ④ PAVEMENT MARKING REMOVAL- GRINDING
 - ⑤ PAVEMENT MARKING REMOVAL-WATER BLASTING

REFERENCE BENCHMARK ELEV 630.00
 BENCHMARK : SQUARE IN CONC BASE OF TRAFFIC SIGNAL POLE NW CORNER
 LOCATION : 8 FT NORTH OF CENTRAL AVENUE

LEGEND

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

REFERENCE BENCHMARK ELEV 630.00
 BENCHMARK : SQUARE IN CONC BASE OF TRAFFIC SIGNAL POLE NW CORNER
 LOCATION : 8 FT NORTH OF CENTRAL AVENUE

MODEL: Ref: 611
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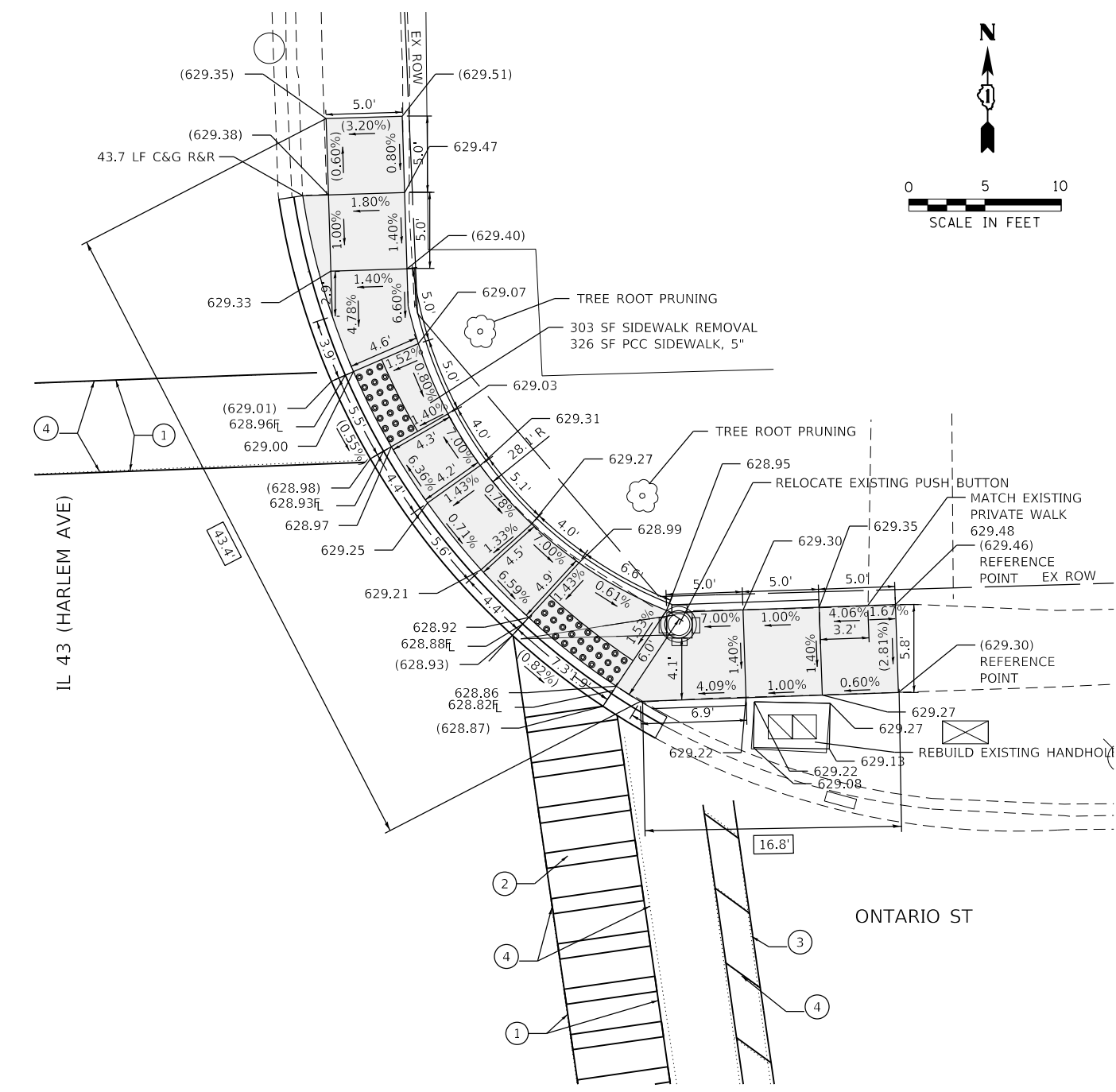
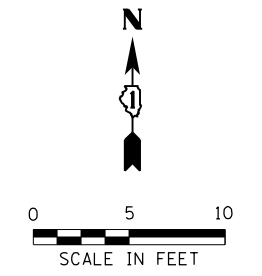
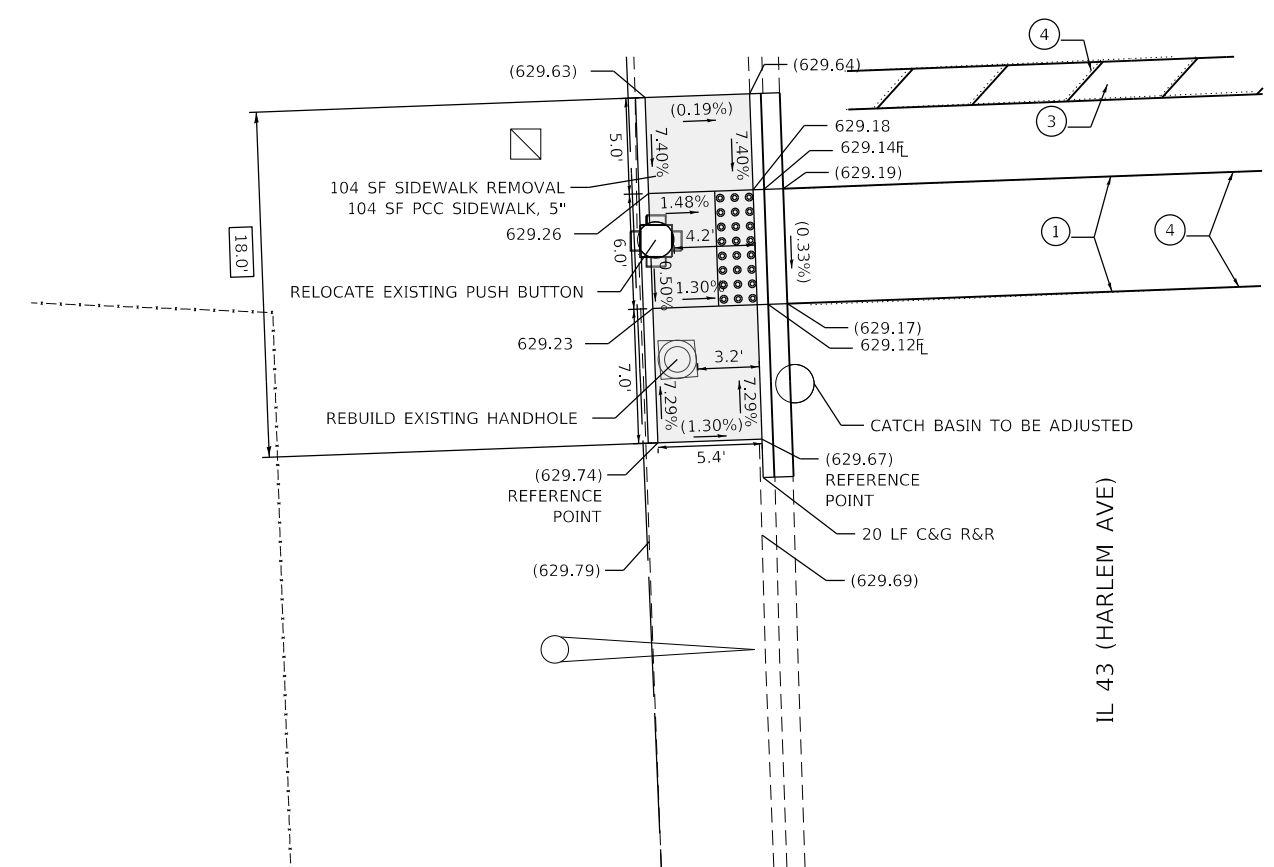
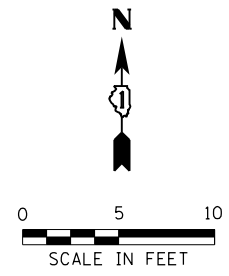
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS - OAK PARK
 LAKE ST AND IL 43 (HARLEM AVE) - II**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	42
CONTRACT NO.			62K88	
ILLINOIS FED. AID PROJECT				



- PAVEMENT MARKING LEGEND**
- ① THERMOPLASTIC PAVEMENT MARKING- LINE 6" (CROSSWALK, WHITE)
 - ② THERMOPLASTIC PAVEMENT MARKING- LINE 12" (CROSSWALK, WHITE)
 - ③ THERMOPLASTIC PAVEMENT MARKING- LINE 24" (STOP BAR, WHITE)
 - ④ PAVEMENT MARKING REMOVAL- GRINDING
 - ⑤ PAVEMENT MARKING REMOVAL-WATER BLASTING

REFERENCE BENCHMARK ELEV 629.89
 BENCHMARK : SQUARE ON NW CONC. RIM OF HANDHOLE SW CORNER
 LOCATION : 37 FT SOUTH OF QUICK AVENUE AT HARLEM AVENUE

LEGEND

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

REFERENCE BENCHMARK ELEV 629.89
 BENCHMARK : SQUARE ON NW CONC. RIM OF HANDHOLE SW CORNER
 LOCATION : 37 FT SOUTH OF QUICK AVENUE AT HARLEM AVENUE

MODEL: Default
 FILE: \Admin\GIS\Engineering\Live\Projects\2002_Pk1\DJR_Spanect\Work Order-S\CADD\CADD Sheets\Civil\ADA_Ramps\162488.rvt- Harlem and Ontario - North.dgn



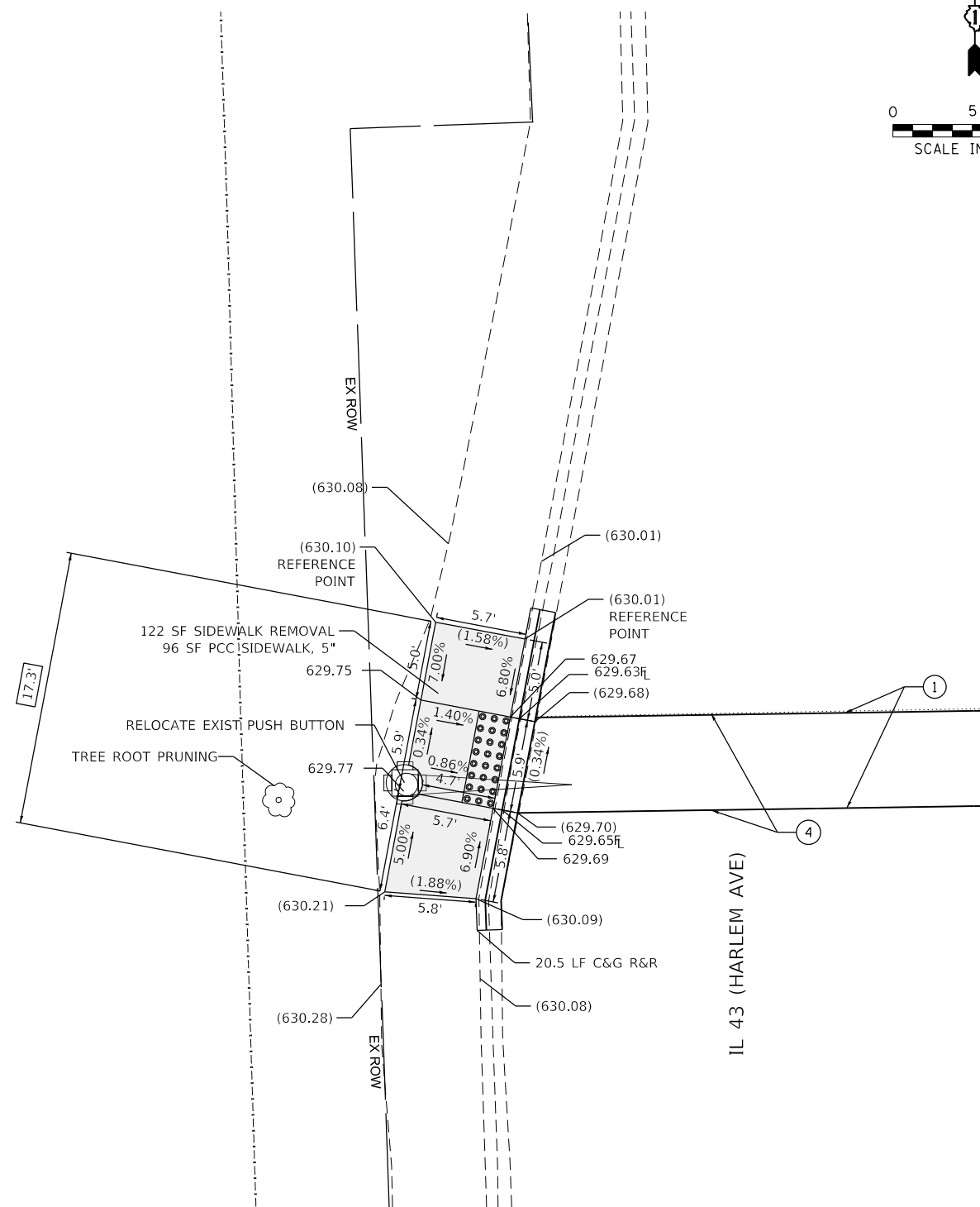
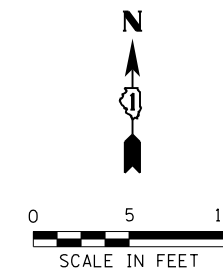
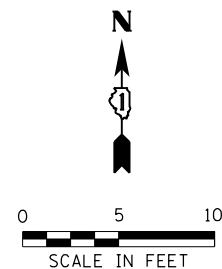
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS - OAK PARK
 ONTARIO ST AND IL 43 (HARLEM AVE) - I**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	43
CONTRACT NO.			62K88	
ILLINOIS		FED. AID PROJECT		



PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING- LINE 6" (CROSSWALK, WHITE)
- ② THERMOPLASTIC PAVEMENT MARKING- LINE 12" (CROSSWALK, WHITE)
- ③ THERMOPLASTIC PAVEMENT MARKING- LINE 24" (STOP BAR, WHITE)
- ④ PAVEMENT MARKING REMOVAL- GRINDING
- ⑤ PAVEMENT MARKING REMOVAL-WATER BLASTING

REFERENCE BENCHMARK ELEV 629.89
 BENCHMARK : SQUARE ON NW CONC. RIM OF HANDHOLE SW CORNER
 LOCATION : 37 FT SOUTH OF QUICK AVENUE AT HARLEM AVENUE

LEGEND

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

MODEL: Default
 FILE: Model - GE Engineering\Live\Projects\2002_0h_1_DJR_Spanect\Work Order - 5\CADD\CADD Sheets\Civil\ADA Ramps\162K88\sh-Harlem and Ontario - South.dgn



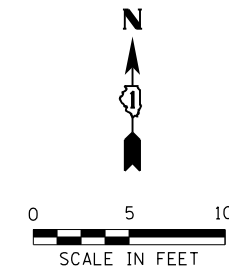
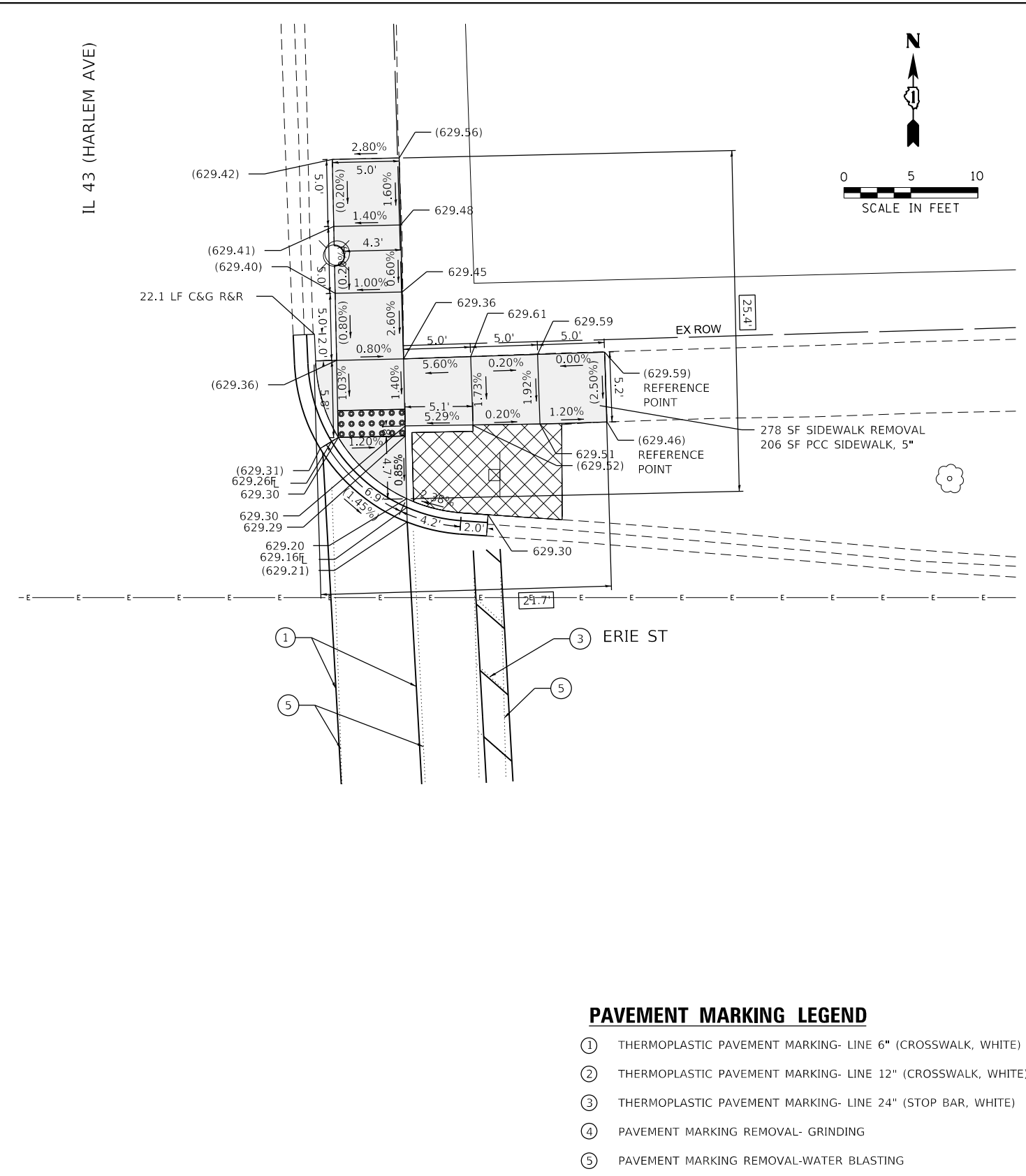
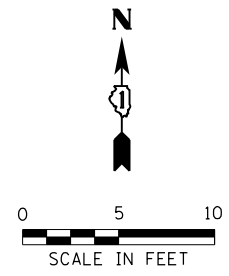
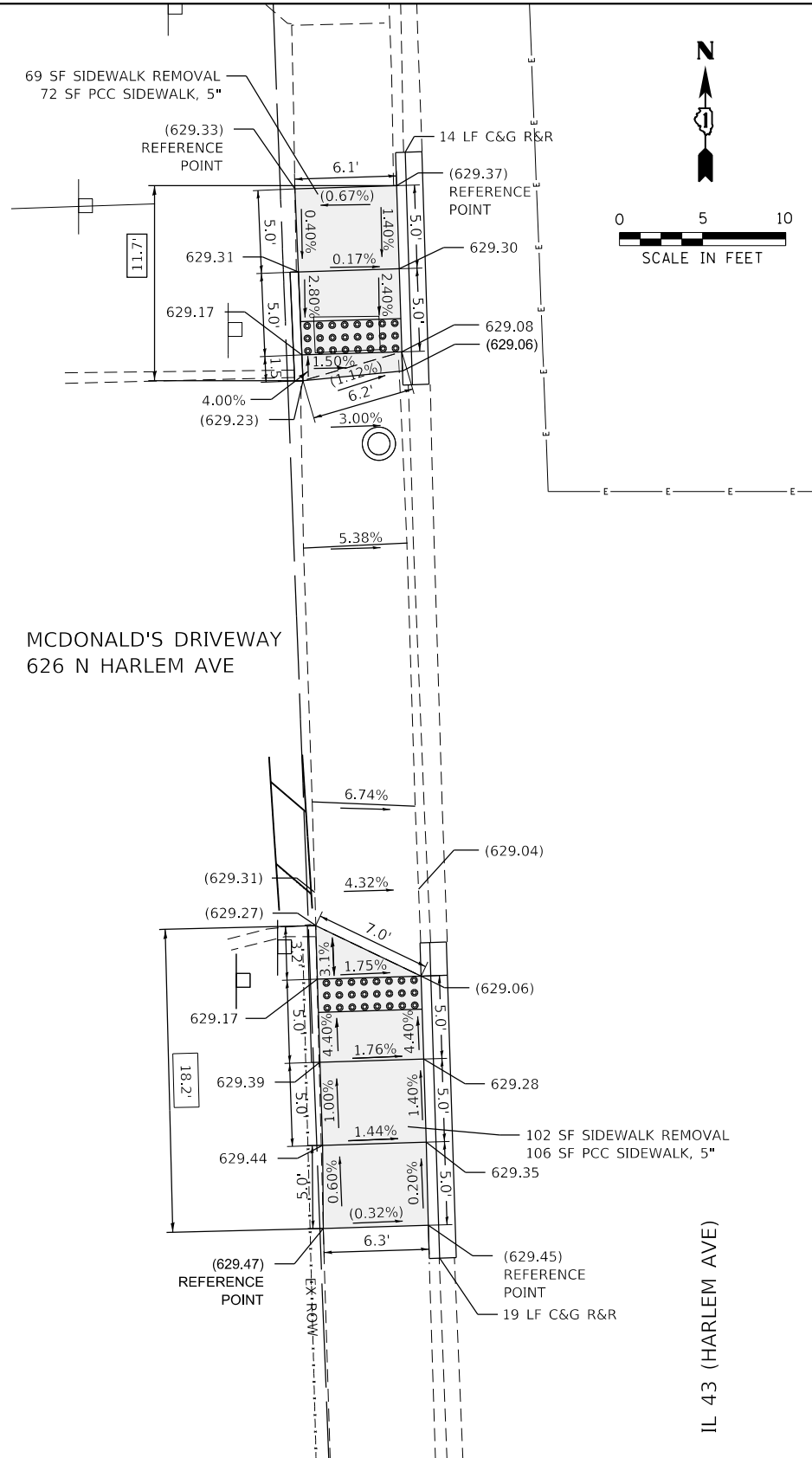
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS - OAK PARK
 ONTARIO ST AND IL 43 (HARLEM AVE) - II**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	44
CONTRACT NO.			62K88	
ILLINOIS		FED. AID PROJECT		



PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING- LINE 6" (CROSSWALK, WHITE)
- ② THERMOPLASTIC PAVEMENT MARKING- LINE 12" (CROSSWALK, WHITE)
- ③ THERMOPLASTIC PAVEMENT MARKING- LINE 24" (STOP BAR, WHITE)
- ④ PAVEMENT MARKING REMOVAL- GRINDING
- ⑤ PAVEMENT MARKING REMOVAL-WATER BLASTING

LEGEND

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

REFERENCE BENCHMARK ELEV 631.12
 BENCHMARK : CROSS IN BOLT IN FIRE HYDRANTN SE CORNER
 LOCATION : 13 FT SOUTH OF ERIE STREET

REFERENCE BENCHMARK ELEV 631.12
 BENCHMARK : CROSS IN BOLT IN FIRE HYDRANTN SE CORNER
 LOCATION : 13 FT SOUTH OF ERIE STREET

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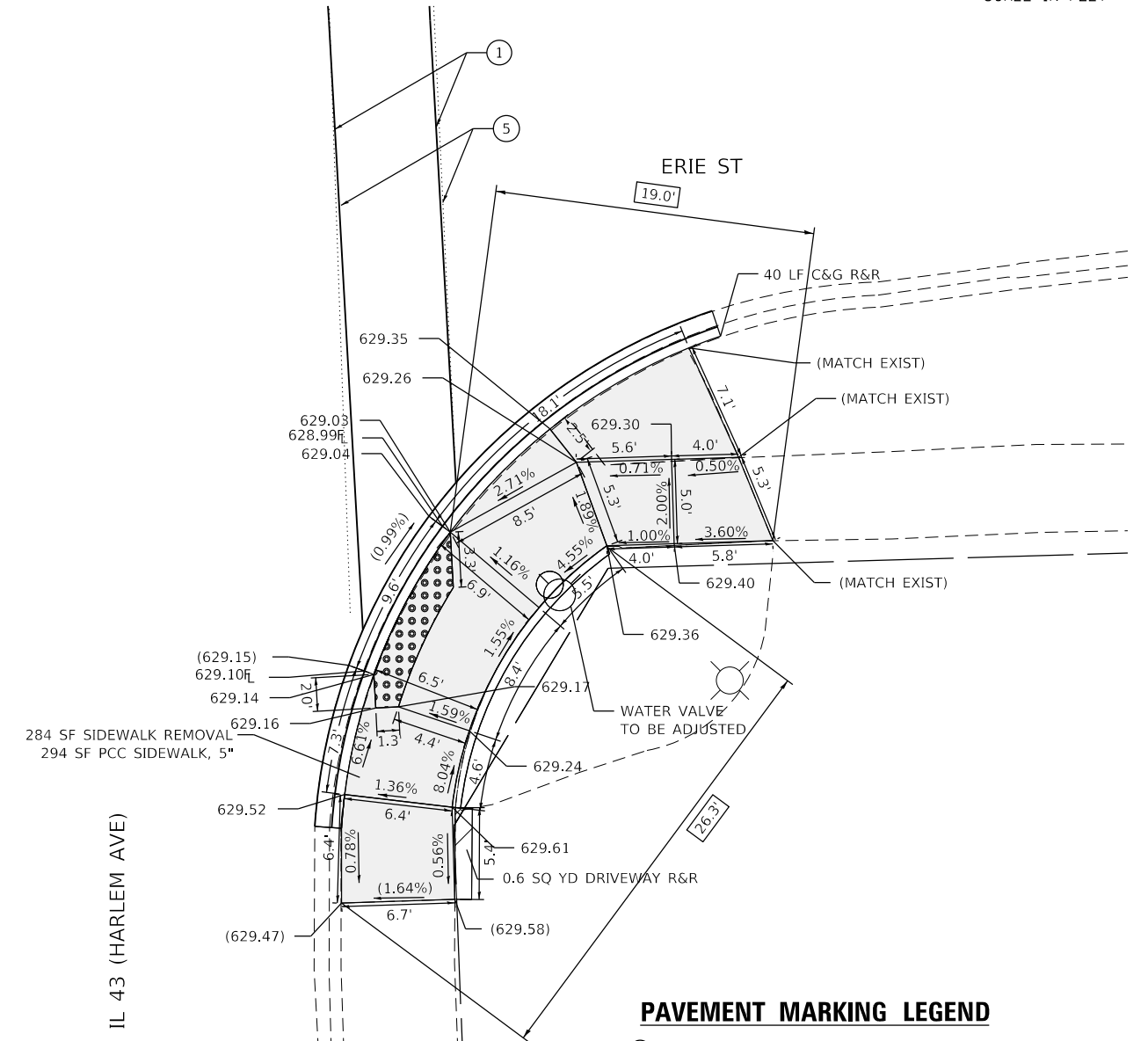
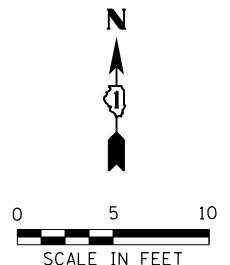
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PLOT DATE = 2/3/2021	CHECKED - DH	REVISED -
	DATE - 07-24-2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS - OAK PARK
 ERIE ST AND IL 43 (HARLEM AVE) - I**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	46
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62K88	



- PAVEMENT MARKING LEGEND**
- ① THERMOPLASTIC PAVEMENT MARKING- LINE 6" (CROSSWALK, WHITE)
 - ② THERMOPLASTIC PAVEMENT MARKING- LINE 12" (CROSSWALK, WHITE)
 - ③ THERMOPLASTIC PAVEMENT MARKING- LINE 24" (STOP BAR, WHITE)
 - ④ PAVEMENT MARKING REMOVAL- GRINDING
 - ⑤ PAVEMENT MARKING REMOVAL-WATER BLASTING

LEGEND

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

REFERENCE BENCHMARK ELEV 631.12
 BENCHMARK : CROSS IN BOLT IN FIRE HYDRANTN SE CORNER
 LOCATION : 13 FT SOUTH OF ERIE STREET

MODEL: Default
 FILE: Model - Civil Engineering\Live\Projects\2002_Pk1_DJR_Spanect\Work Order - S\CADD\CADD Sheets\Civil\ADA_Ramps\162488.rvt - Harlem and Erie South.dgn



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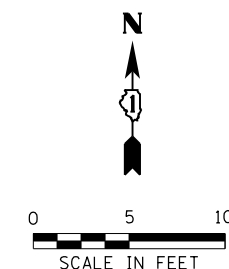
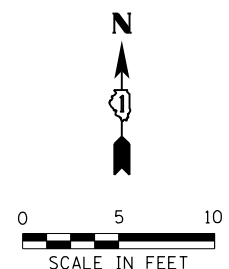
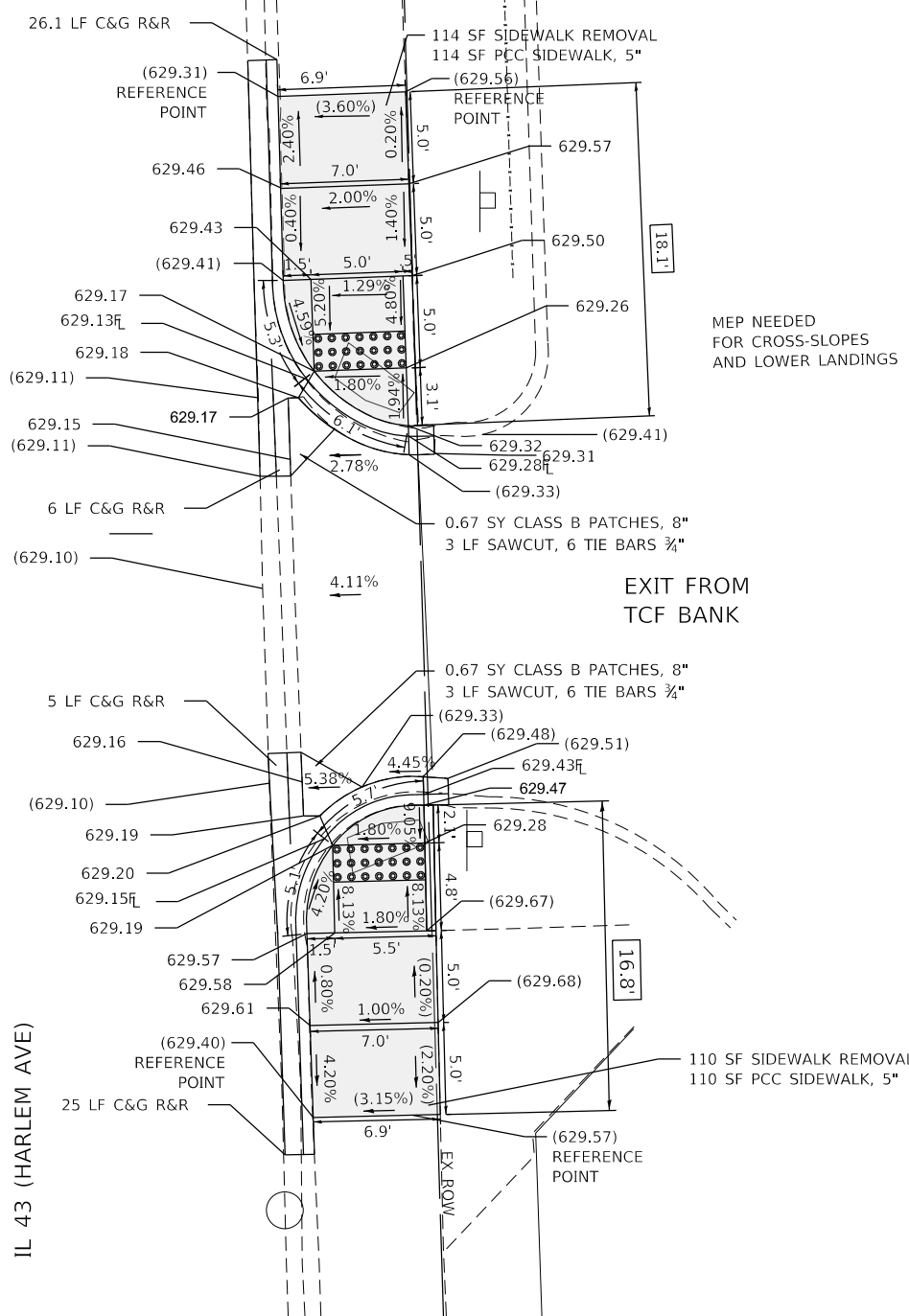
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS - OAK PARK
ERIE ST AND IL 43 (HARLEM AVE) - II**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	47
CONTRACT NO.			62K88	
ILLINOIS FED. AID PROJECT				

IL 43 (HARLEM AVE)



MEP NEEDED FOR CROSS-SLOPES AND LOWER LANDINGS

EXIT FROM TCF BANK

PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING- LINE 6" (CROSSWALK, WHITE)
- ② THERMOPLASTIC PAVEMENT MARKING- LINE 12" (CROSSWALK, WHITE)
- ③ THERMOPLASTIC PAVEMENT MARKING- LINE 24" (STOP BAR, WHITE)
- ④ PAVEMENT MARKING REMOVAL- GRINDING
- ⑤ PAVEMENT MARKING REMOVAL-WATER BLASTING

LEGEND

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

REFERENCE BENCHMARK ELEV 631.12
 BENCHMARK : CROSS IN BOLT IN FIRE HYDRANTN SE CORNER
 LOCATION : 13 FT SOUTH OF ERIE STREET

MODEL: D:\default...
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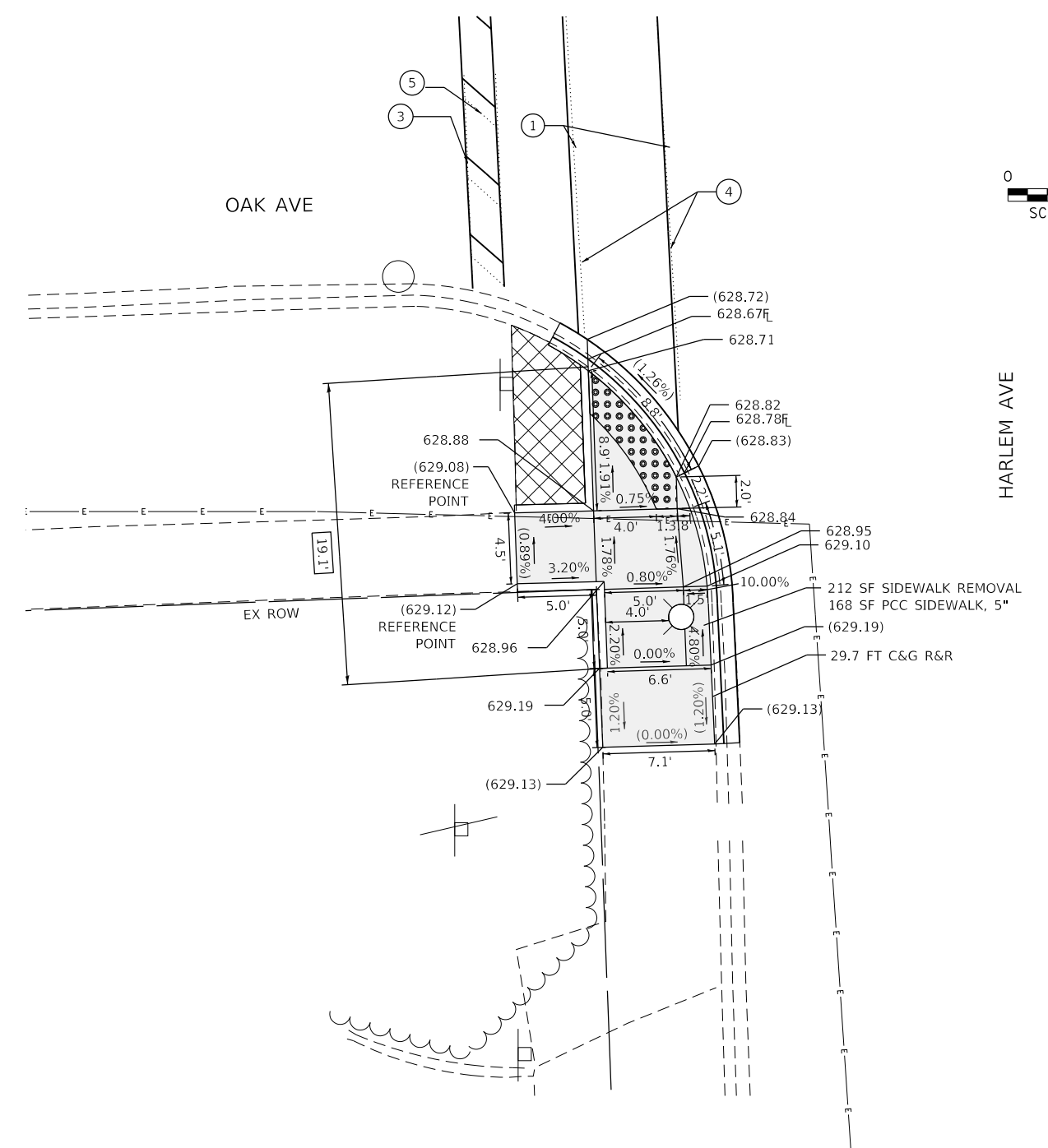
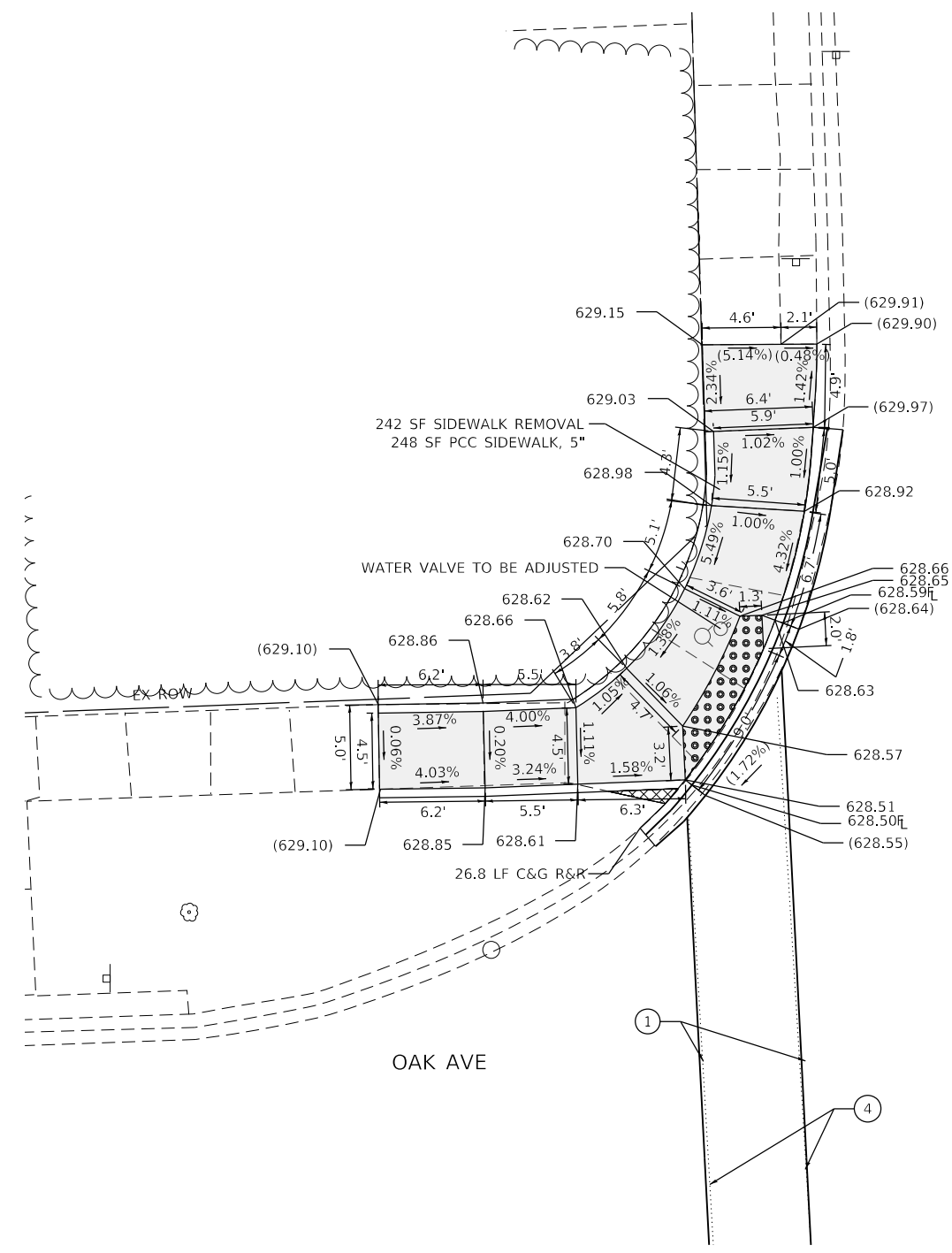
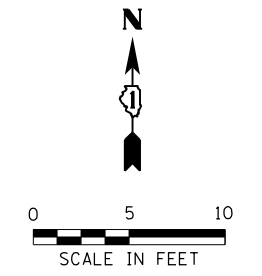
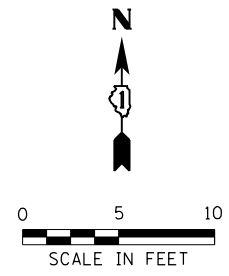
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	DATE - 07-24-2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS - OAK PARK
EXIT FROM TCF BANK AND IL 43 (HARLEM AVE)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	48
CONTRACT NO.			62K88	
ILLINOIS		FED. AID PROJECT		



- PAVEMENT MARKING LEGEND**
- ① THERMOPLASTIC PAVEMENT MARKING- LINE 6" (CROSSWALK, WHITE)
 - ② THERMOPLASTIC PAVEMENT MARKING- LINE 12" (CROSSWALK, WHITE)
 - ③ THERMOPLASTIC PAVEMENT MARKING- LINE 24" (STOP BAR, WHITE)
 - ④ PAVEMENT MARKING REMOVAL- GRINDING
 - ⑤ PAVEMENT MARKING REMOVAL-WATER BLASTING

REFERENCE BENCHMARK ELEV 630.99
 BENCHMARK : CROSS ON EASTERLY BOLT OF FIRE HYDRANT SE CORNER
 LOCATION : SE CORNER OF HARLEM AVENUE AND ERIE STREET

REFERENCE BENCHMARK ELEV 631.12
 BENCHMARK : CROSS IN BOLT IN FIRE HYDRANT SE CORNER
 LOCATION : 13 FT SOUTH OF ERIE STREET

LEGEND

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

MODEL: Default
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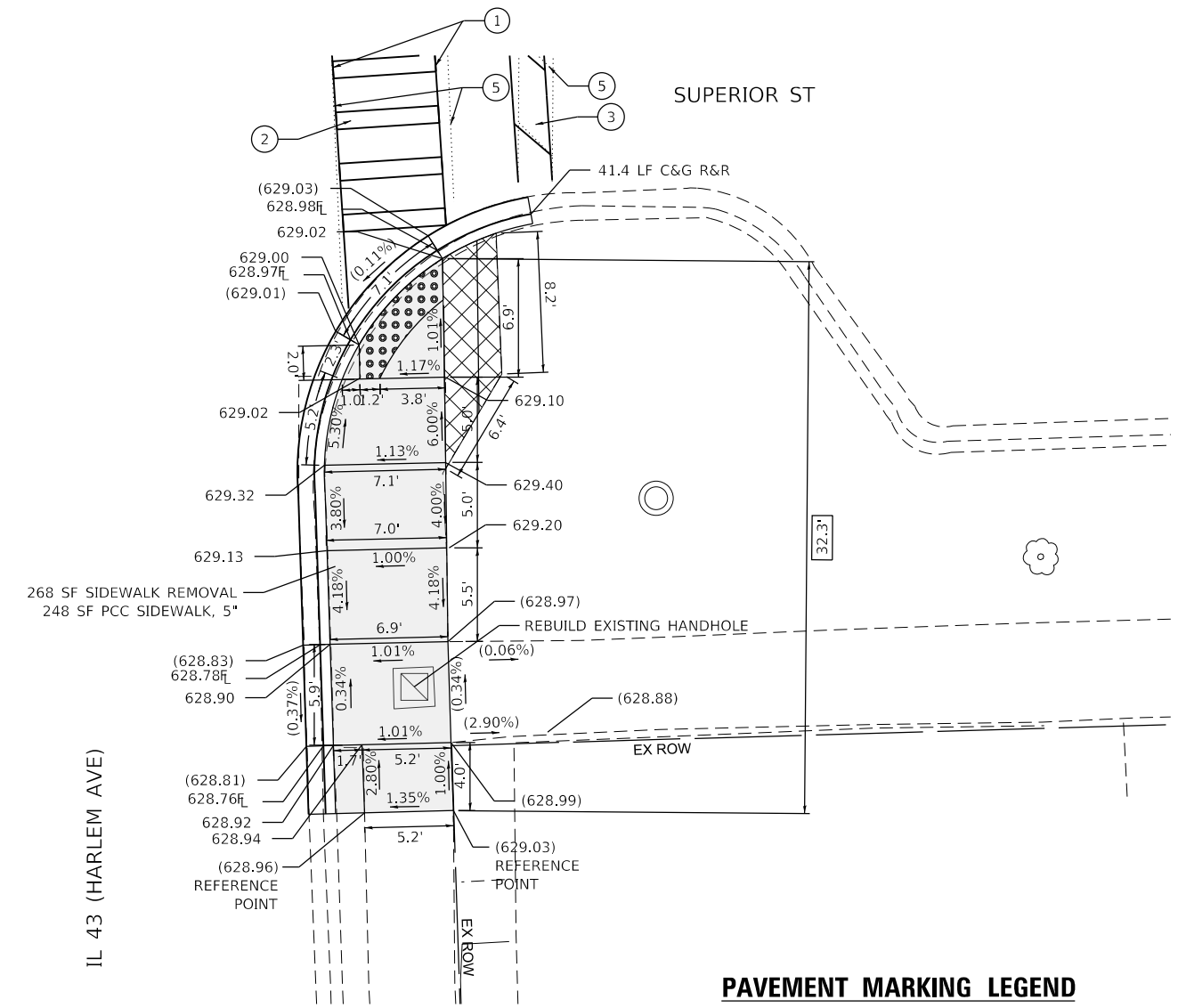
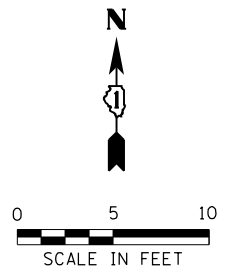
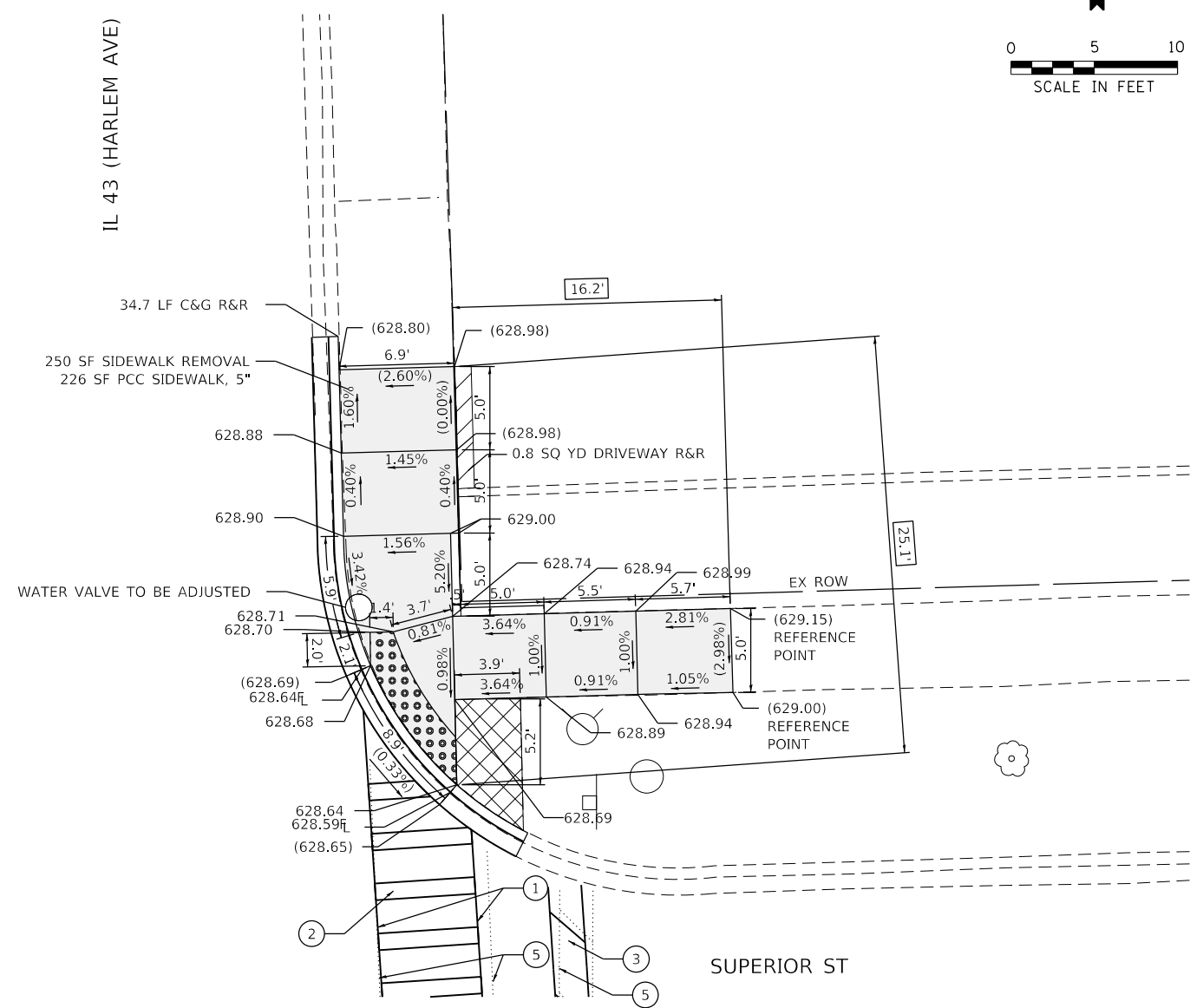
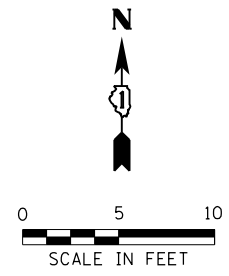
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS - OAK PARK
 OAK AVE AND IL 43 (HARLEM AVE)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	49
CONTRACT NO.			62K88	
ILLINOIS FED. AID PROJECT				

IL 43 (HARLEM AVE)



PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING- LINE 6" (CROSSWALK, WHITE)
- ② THERMOPLASTIC PAVEMENT MARKING- LINE 12" (CROSSWALK, WHITE)
- ③ THERMOPLASTIC PAVEMENT MARKING- LINE 24" (STOP BAR, WHITE)
- ④ PAVEMENT MARKING REMOVAL- GRINDING
- ⑤ PAVEMENT MARKING REMOVAL-WATER BLASTING

REFERENCE BENCHMARK ELEV 631.05
 BENCHMARK : CROSS ON EASTERLY BOLT OF HYDRANT NE CORNER
 LOCATION : 9 FT NORTH OF SUPERIOR STREET

LEGEND

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

REFERENCE BENCHMARK ELEV 631.05
 BENCHMARK : CROSS ON EASTERLY BOLT OF HYDRANT NE CORNER
 LOCATION : 9 FT NORTH OF SUPERIOR STREET

MODEL: Default
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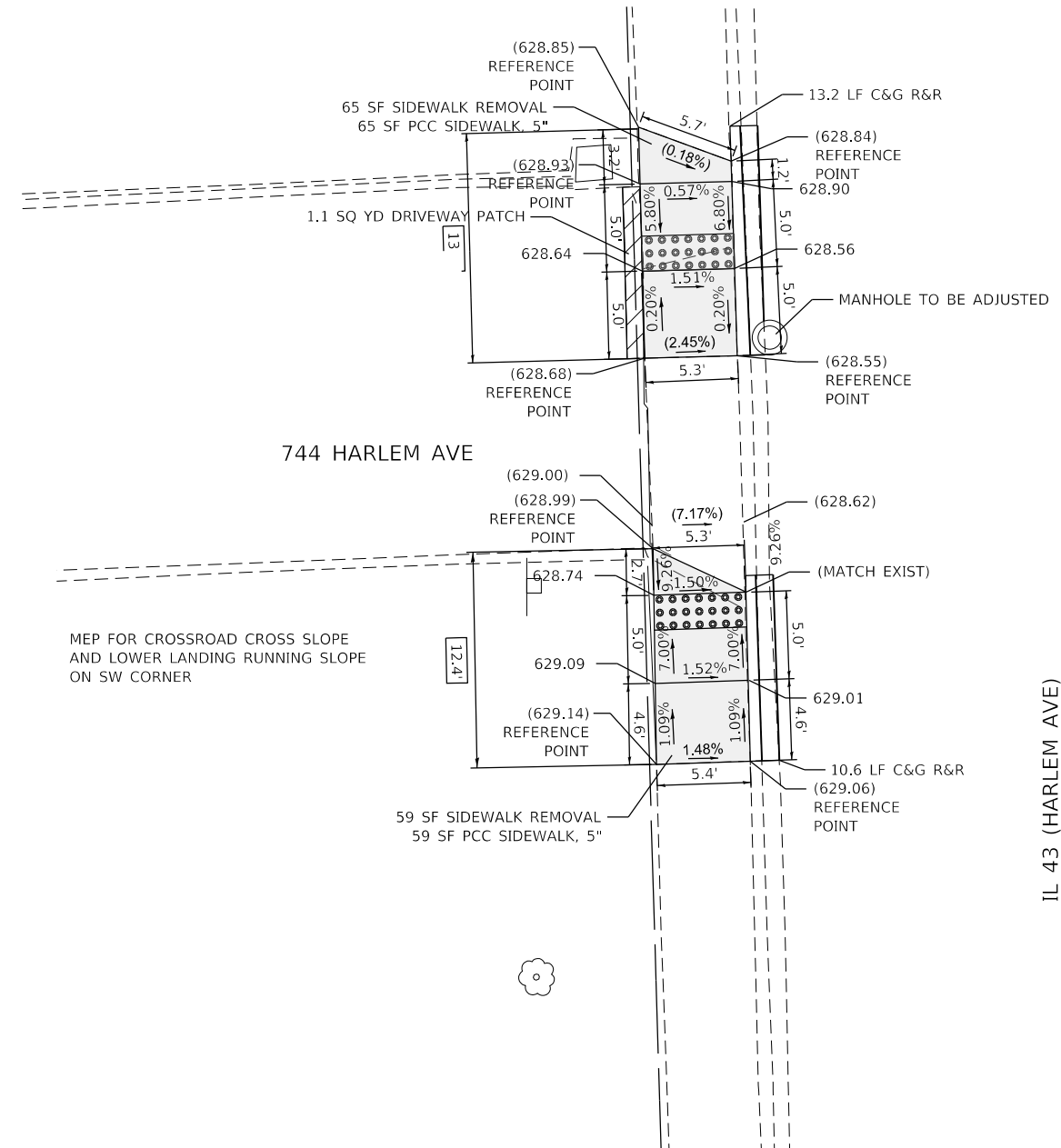
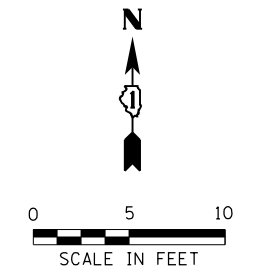
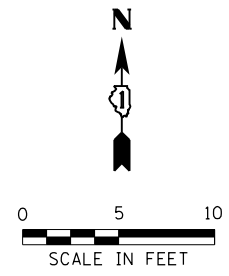
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PLOT DATE = 2/3/2021	DATE - 07-24-2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS - OAK PARK
 SUPERIOR ST AND IL 43 (HARLEM AVE)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	50
CONTRACT NO. 62K88				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING- LINE 6" (CROSSWALK, WHITE)
- ② THERMOPLASTIC PAVEMENT MARKING- LINE 12" (CROSSWALK, WHITE)
- ③ THERMOPLASTIC PAVEMENT MARKING- LINE 24" (STOP BAR, WHITE)
- ④ PAVEMENT MARKING REMOVAL- GRINDING
- ⑤ PAVEMENT MARKING REMOVAL-WATER BLASTING

REFERENCE BENCHMARK ELEV 628.97
 BENCHMARK : SQUARE IN CONC BASE OF TRAFFIC SIGNAL SW CORNER
 LOCATION : 9 FT SOUTH OF CHICAGO AVENUE

LEGEND

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

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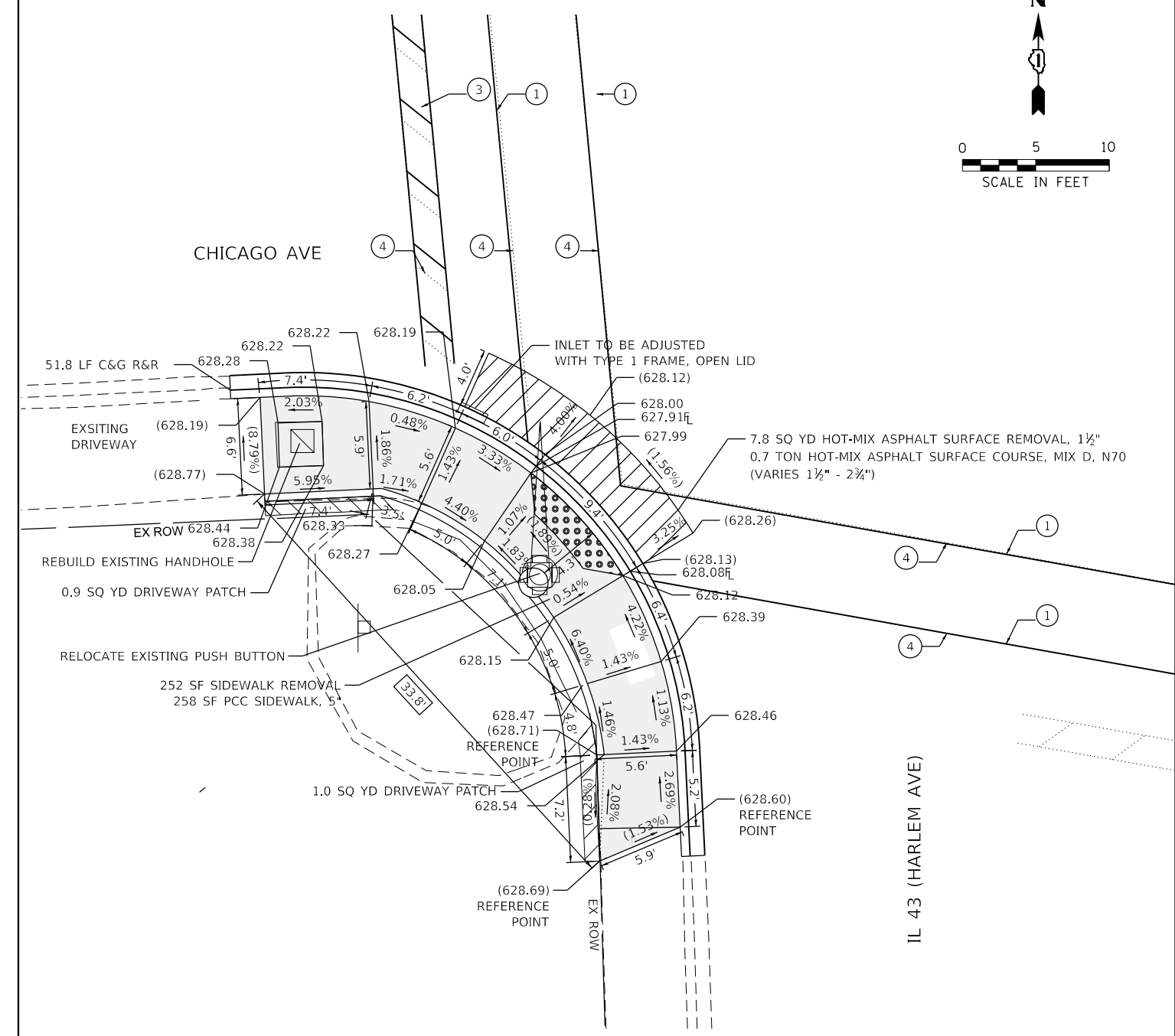
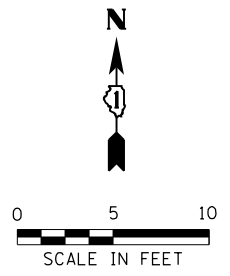


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PLOT DATE = 2/3/2021	DATE - 07-24-2020	REVISIONS -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS - OAK PARK
744 HARLEM AVE AND IL 43 (HARLEM AVE)**

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	51
CONTRACT NO.			62K88	
SCALE:		SHEET OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT



- PAVEMENT MARKING LEGEND**
- ① THERMOPLASTIC PAVEMENT MARKING- LINE 6" (CROSSWALK, WHITE)
 - ② THERMOPLASTIC PAVEMENT MARKING- LINE 12" (CROSSWALK, WHITE)
 - ③ THERMOPLASTIC PAVEMENT MARKING- LINE 24" (STOP BAR, WHITE)
 - ④ PAVEMENT MARKING REMOVAL- GRINDING
 - ⑤ PAVEMENT MARKING REMOVAL-WATER BLASTING

LEGEND

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

REFERENCE BENCHMARK ELEV 628.97
 BENCHMARK : SQUARE IN CONC BASE OF TRAFFIC SIGNAL SW CORNER
 LOCATION : 9 FT SOUTH OF CHICAGO AVENUE

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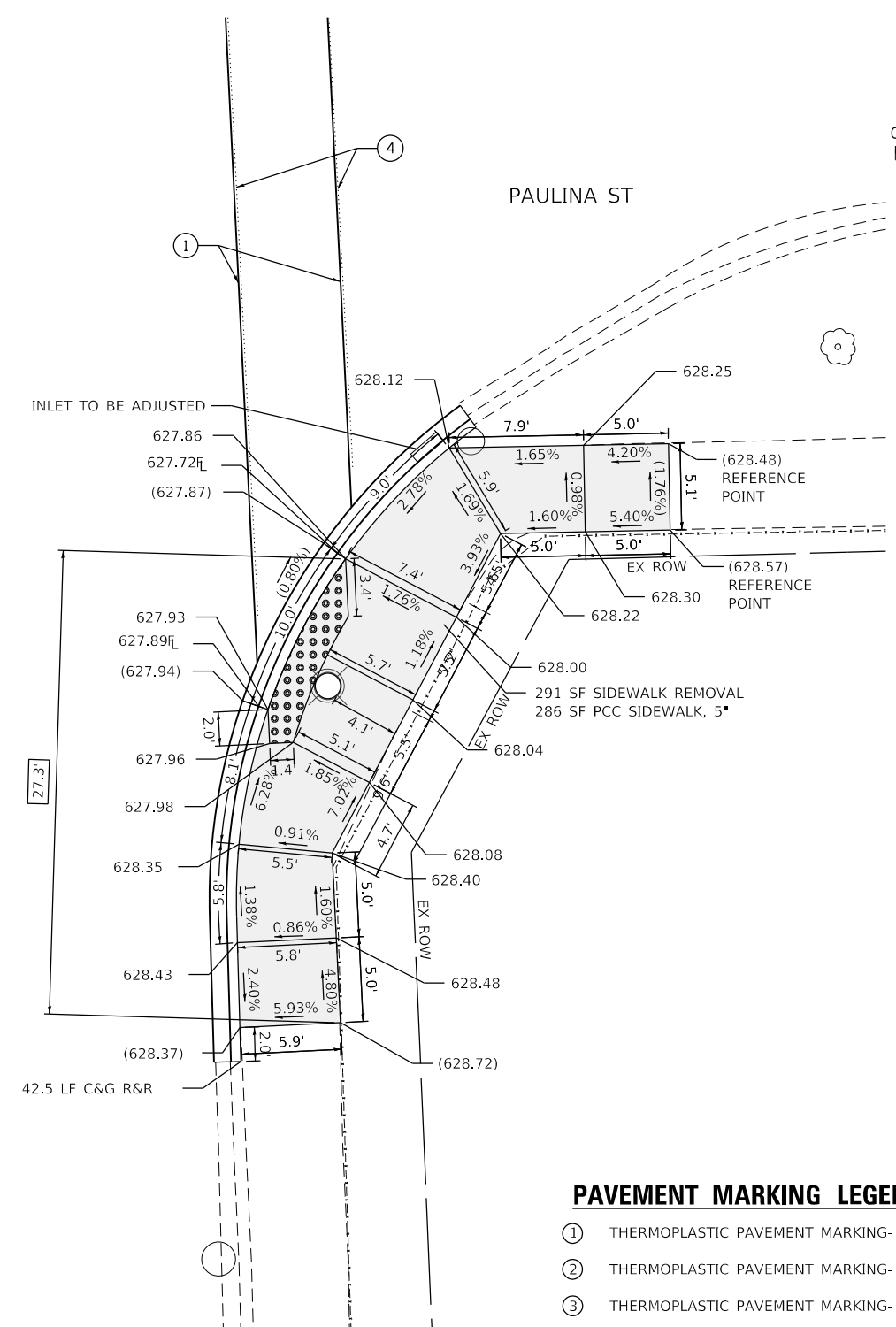
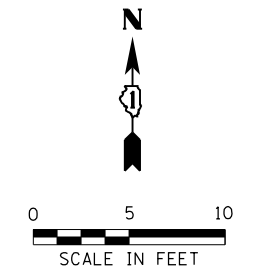
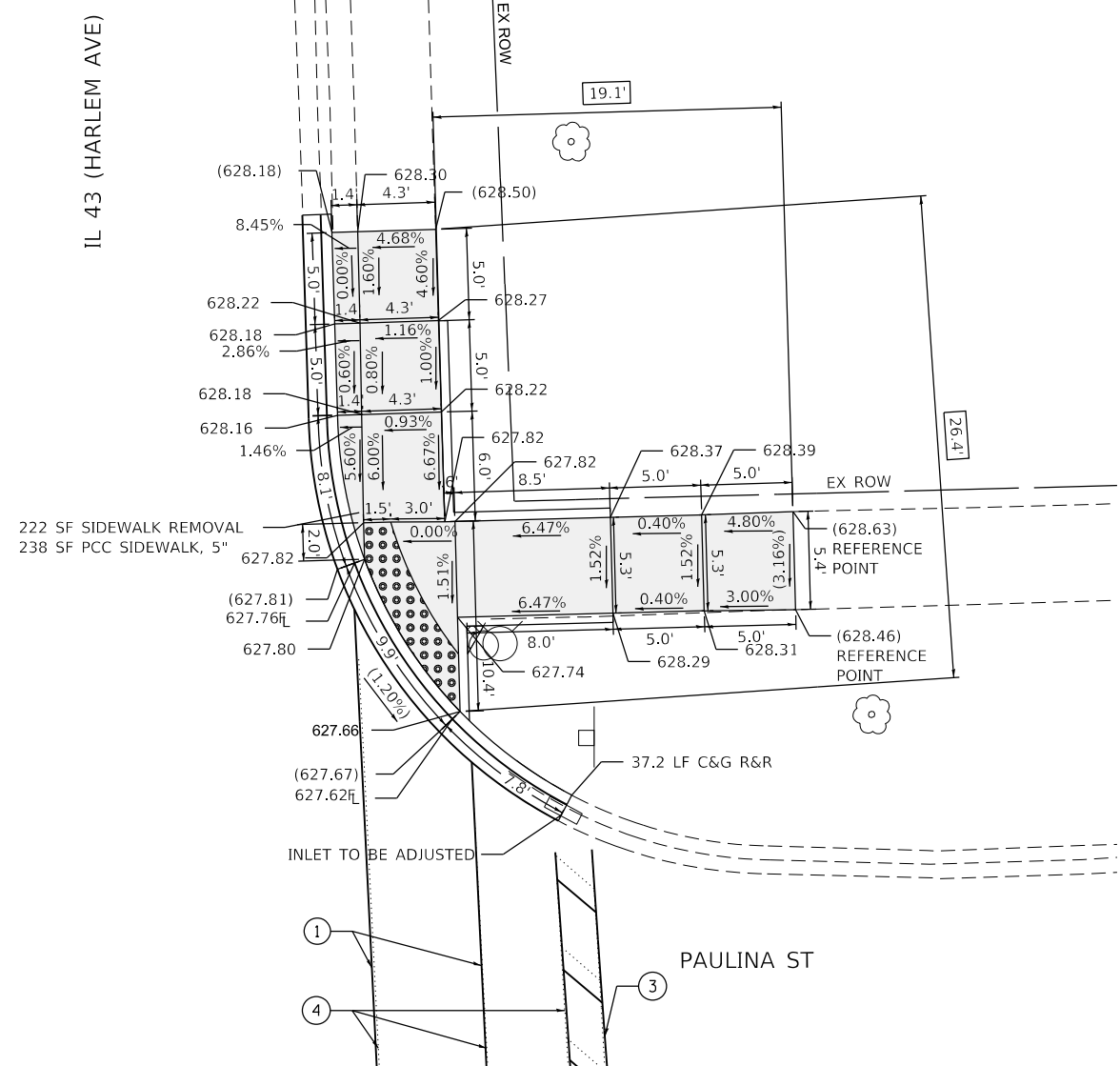
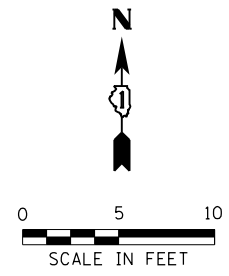
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	DATE - 07-24-2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS - OAK PARK
 CHICAGO AVE AND IL 43 (HARLEM AVE)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	52
CONTRACT NO.			62K88	
ILLINOIS FED. AID PROJECT				



- PAVEMENT MARKING LEGEND**
- ① THERMOPLASTIC PAVEMENT MARKING- LINE 6" (CROSSWALK, WHITE)
 - ② THERMOPLASTIC PAVEMENT MARKING- LINE 12" (CROSSWALK, WHITE)
 - ③ THERMOPLASTIC PAVEMENT MARKING- LINE 24" (STOP BAR, WHITE)
 - ④ PAVEMENT MARKING REMOVAL- GRINDING
 - ⑤ PAVEMENT MARKING REMOVAL-WATER BLASTING

REFERENCE BENCHMARK ELEV 628.75
 BENCHMARK : SQUARE IN CONC BASE OF LIGHT POLE SE CORNER
 LOCATION : 4 FT EAST OF HARLEM AVENUE

LEGEND

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

REFERENCE BENCHMARK ELEV 628.75
 BENCHMARK : SQUARE IN CONC BASE OF LIGHT POLE SE CORNER
 LOCATION : 4 FT EAST OF HARLEM AVENUE

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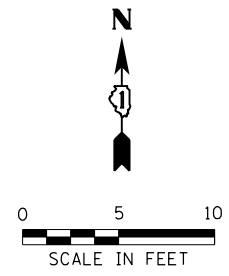
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PLOT DATE = 2/3/2021	DATE - 07-24-2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

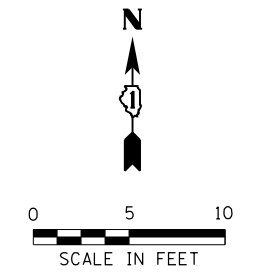
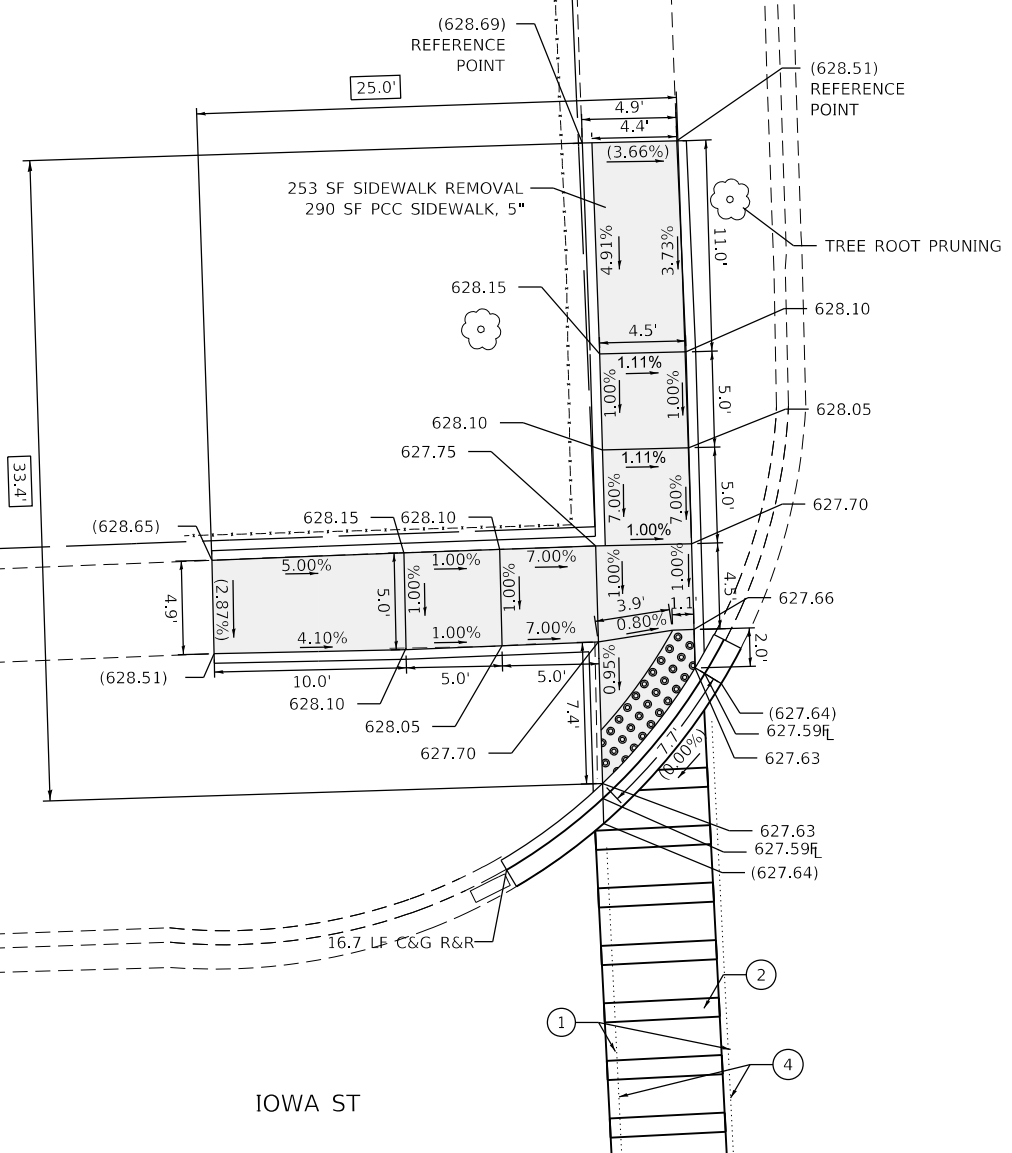
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 PAULINA ST AND IL 43 (HARLEM AVE)**

SCALE: SHEET OF SHEETS STA. TO STA.

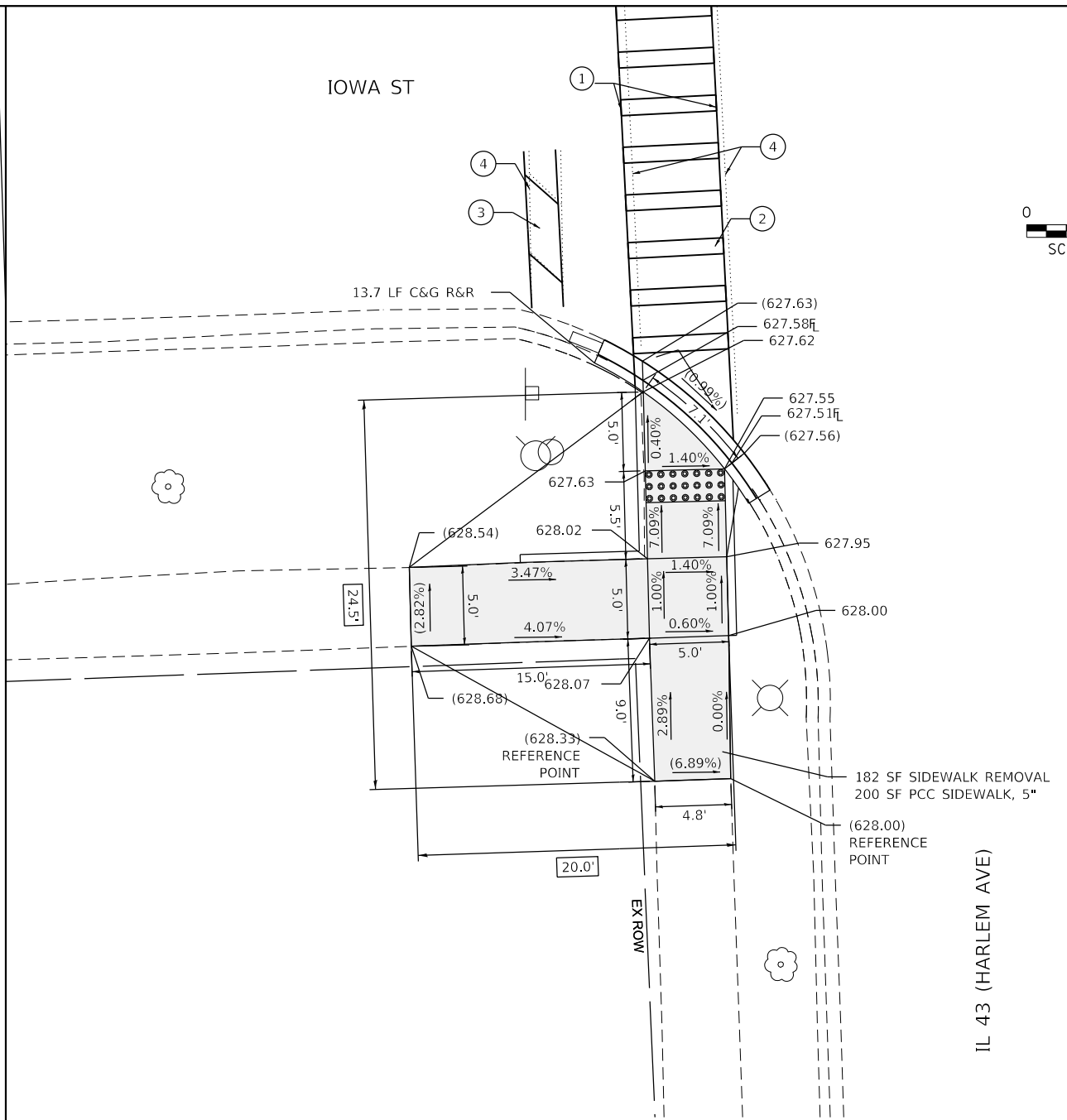
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	53
CONTRACT NO.			62K88	
ILLINOIS FED. AID PROJECT				



IL 43 (HARLEM AVE)



IOWA ST



PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING- LINE 6" (CROSSWALK, WHITE)
- ② THERMOPLASTIC PAVEMENT MARKING- LINE 12" (CROSSWALK, WHITE)
- ③ THERMOPLASTIC PAVEMENT MARKING- LINE 24" (STOP BAR, WHITE)
- ④ PAVEMENT MARKING REMOVAL- GRINDING
- ⑤ PAVEMENT MARKING REMOVAL-WATER BLASTING

LEGEND

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

REFERENCE BENCHMARK ELEV 628.71
 BENCHMARK : SQUARE ON WEST CONC. LIGHT POLE BASE SE CORNER
 LOCATION : 19 FT SOUTH OF SCHNEIDER STREET AT HARLEM AVENUE

REFERENCE BENCHMARK ELEV 628.71
 BENCHMARK : SQUARE ON WEST CONC. LIGHT POLE BASE SE CORNER
 LOCATION : 19 FT SOUTH OF SCHNEIDER STREET AT HARLEM AVENUE

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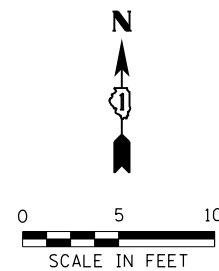
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

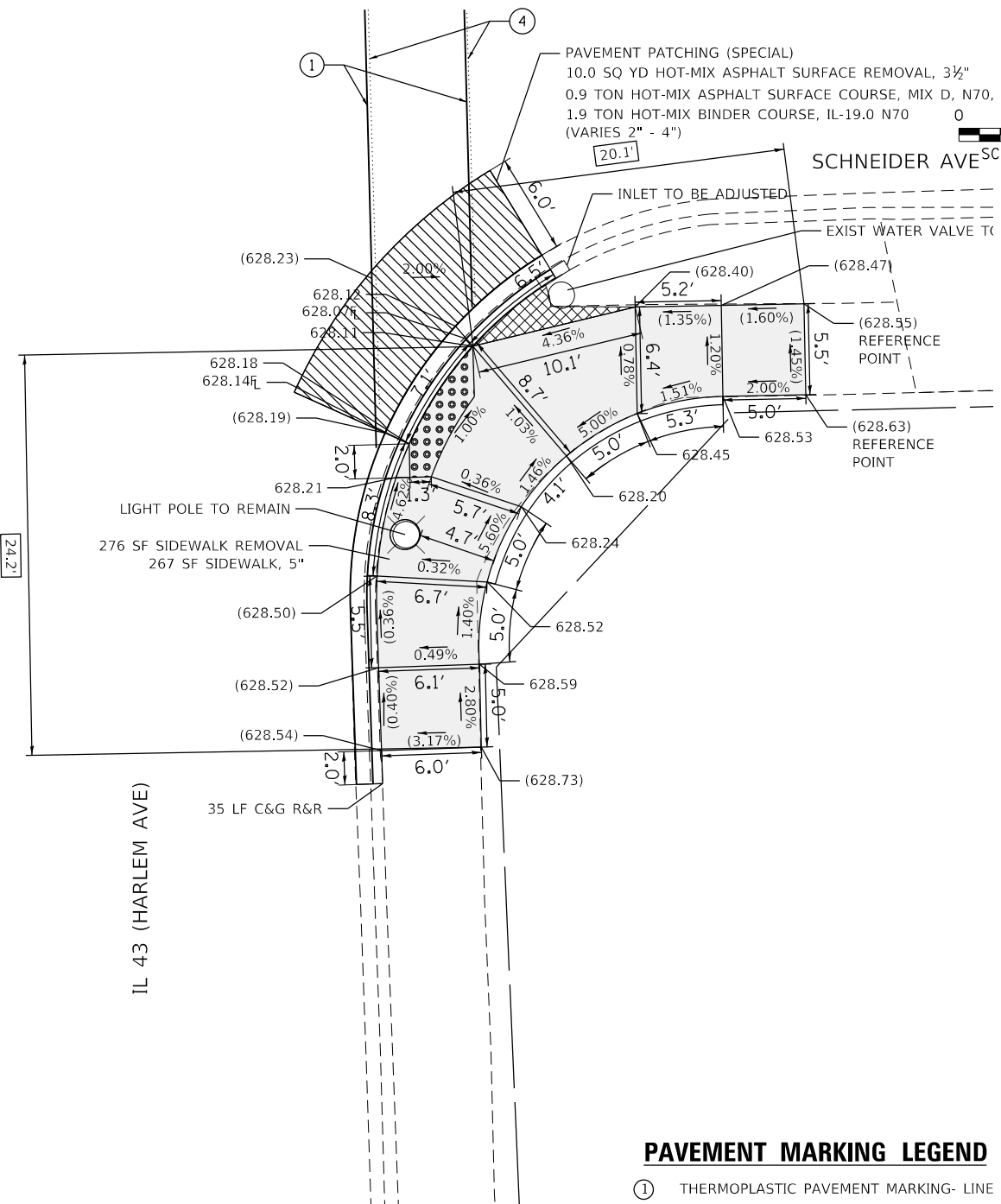
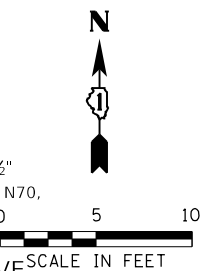
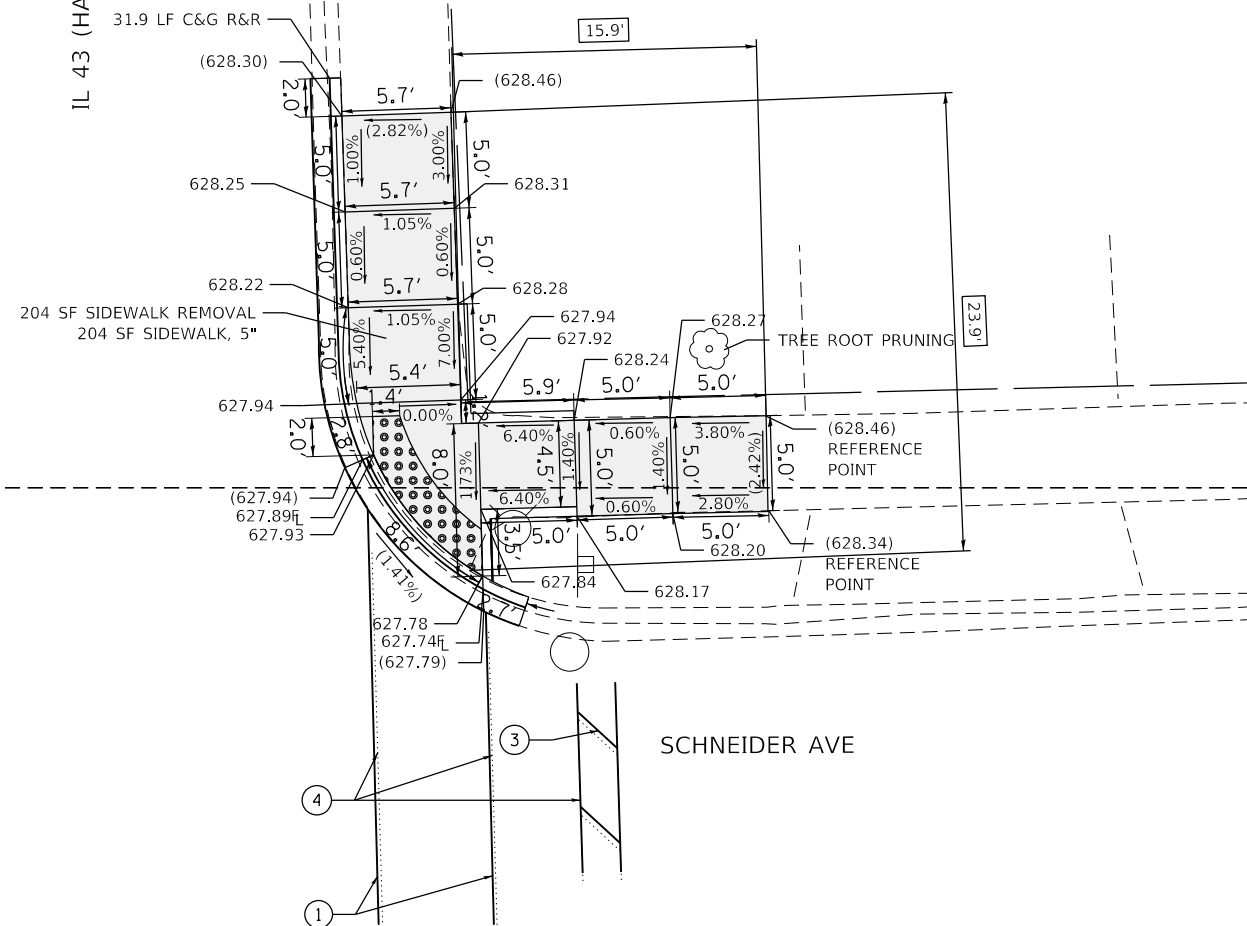
**SIDEWALK RAMP DETAILS - OAK PARK
 IOWA ST AND IL 43 (HARLEM AVE)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	54
CONTRACT NO. 62K88				
ILLINOIS FED. AID PROJECT				



IL 43 (HARLEM AVE)



PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING- LINE 6" (CROSSWALK, WHITE)
- ② THERMOPLASTIC PAVEMENT MARKING- LINE 12" (CROSSWALK, WHITE)
- ③ THERMOPLASTIC PAVEMENT MARKING- LINE 24" (STOP BAR, WHITE)
- ④ PAVEMENT MARKING REMOVAL- GRINDING
- ⑤ PAVEMENT MARKING REMOVAL-WATER BLASTING

REFERENCE BENCHMARK ELEV 628.71
 BENCHMARK : SQUARE IN CONC BASE OF LIGHT POLE SE CORNER
 LOCATION : 2 FT EAST OF HARLEM AVENUE

LEGEND

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

REFERENCE BENCHMARK ELEV 628.71
 BENCHMARK : SQUARE IN CONC BASE OF LIGHT POLE SE CORNER
 LOCATION : 2 FT EAST OF HARLEM AVENUE

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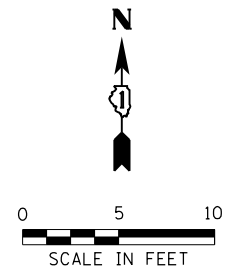
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

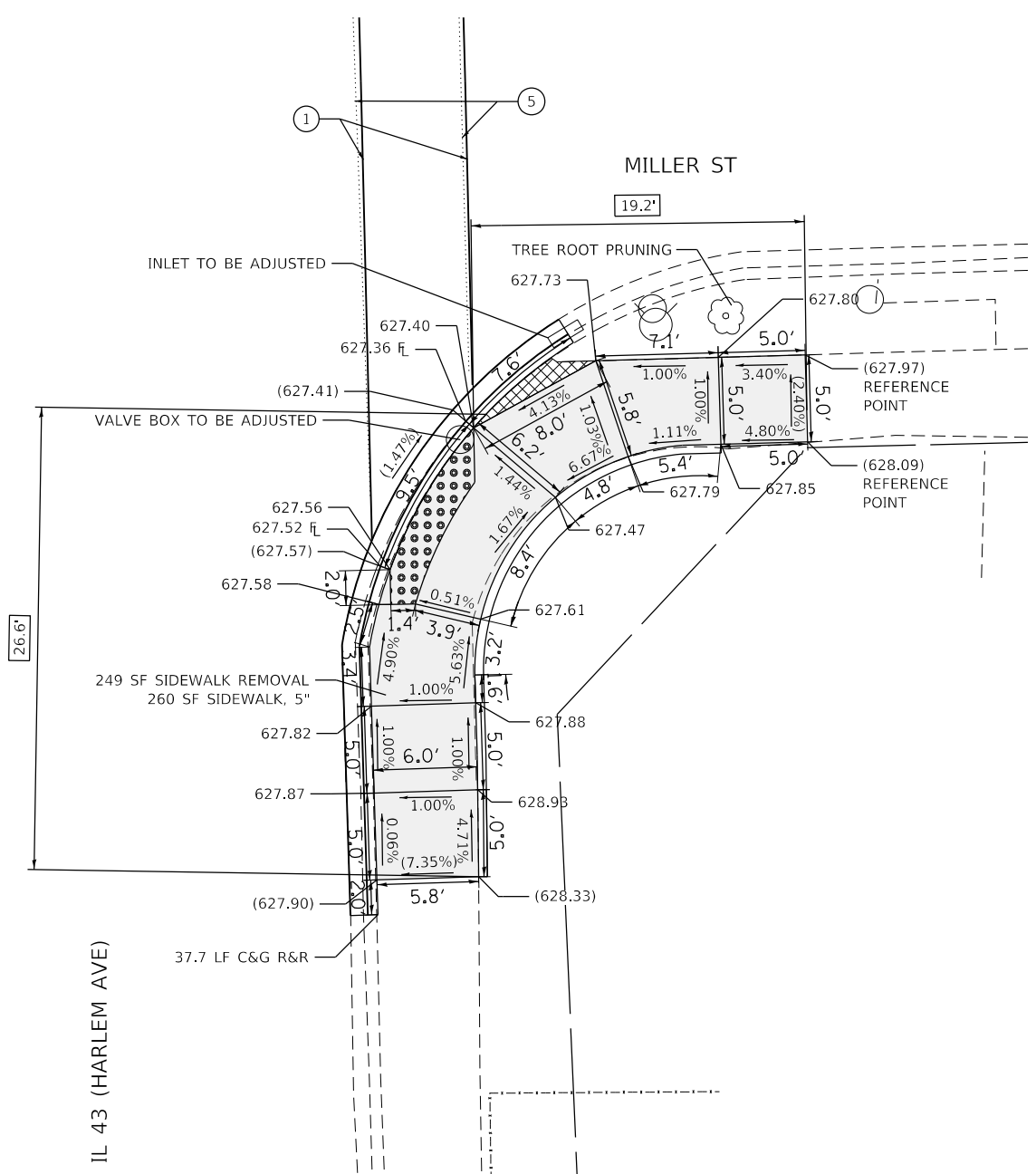
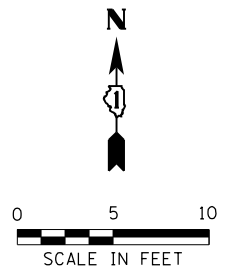
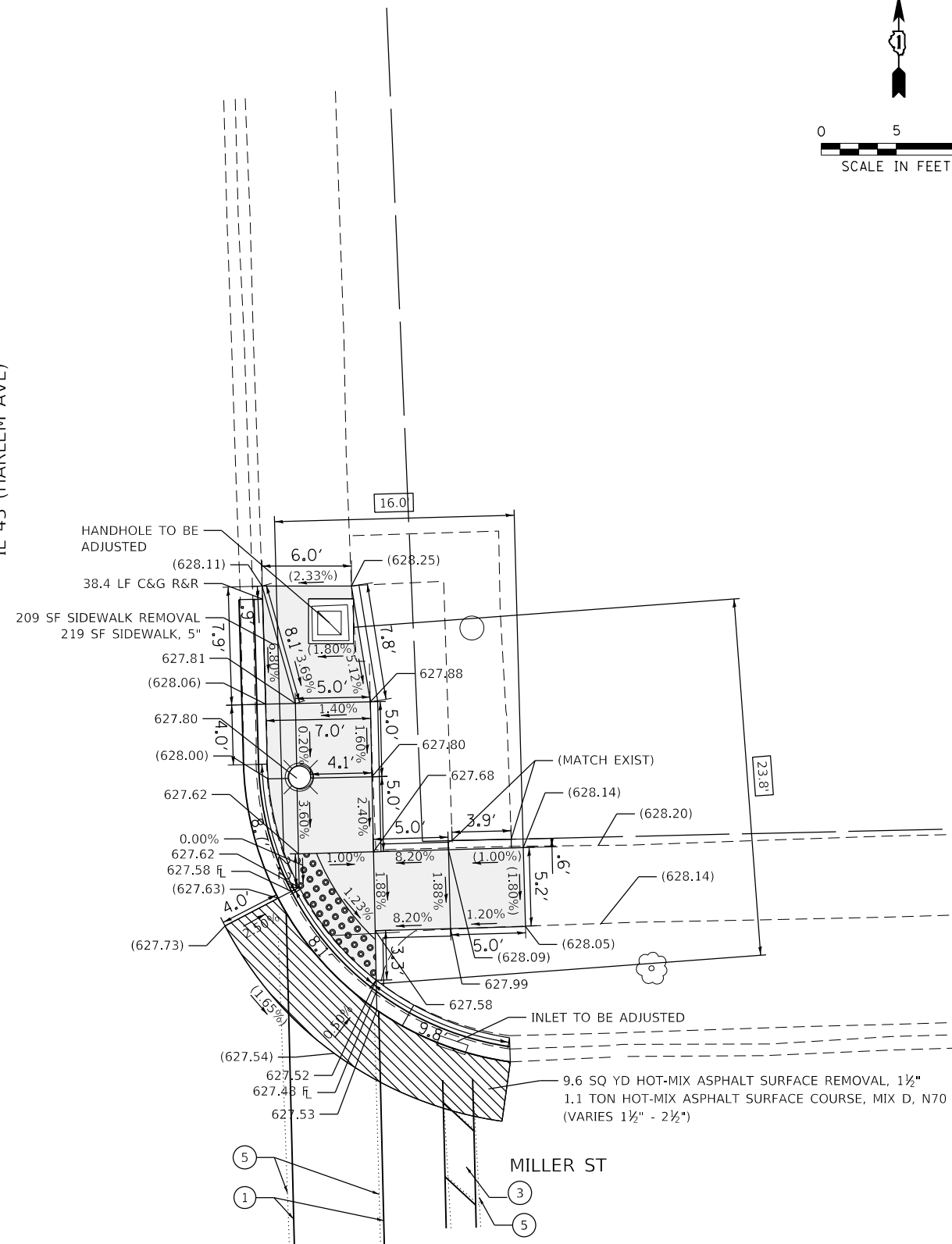
**SIDEWALK RAMP DETAILS - OAK PARK
 SCHNEIDER AVE AND IL 43 (HARLEM AVE)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	55
CONTRACT NO. 62K88				
ILLINOIS FED. AID PROJECT				



IL 43 (HARLEM AVE)



PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING- LINE 6" (CROSSWALK, WHITE)
- ② THERMOPLASTIC PAVEMENT MARKING- LINE 12" (CROSSWALK, WHITE)
- ③ THERMOPLASTIC PAVEMENT MARKING- LINE 24" (STOP BAR, WHITE)
- ④ PAVEMENT MARKING REMOVAL- GRINDING
- ⑤ PAVEMENT MARKING REMOVAL-WATER BLASTING

REFERENCE BENCHMARK ELEV 629.70
 BENCHMARK : SE BOLT OF FIRE HYDRANT IN SE CORNER
 LOCATION : 3 FT SOUTH OF MILLER STREET

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

REFERENCE BENCHMARK ELEV 629.70
 BENCHMARK : SE BOLT OF FIRE HYDRANT IN SE CORNER
 LOCATION : 3 FT SOUTH OF MILLER STREET

MODEL: Default
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	DATE - 07-24-2020	REVISED -

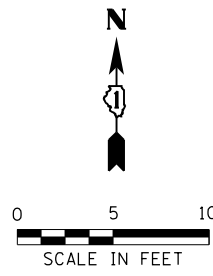
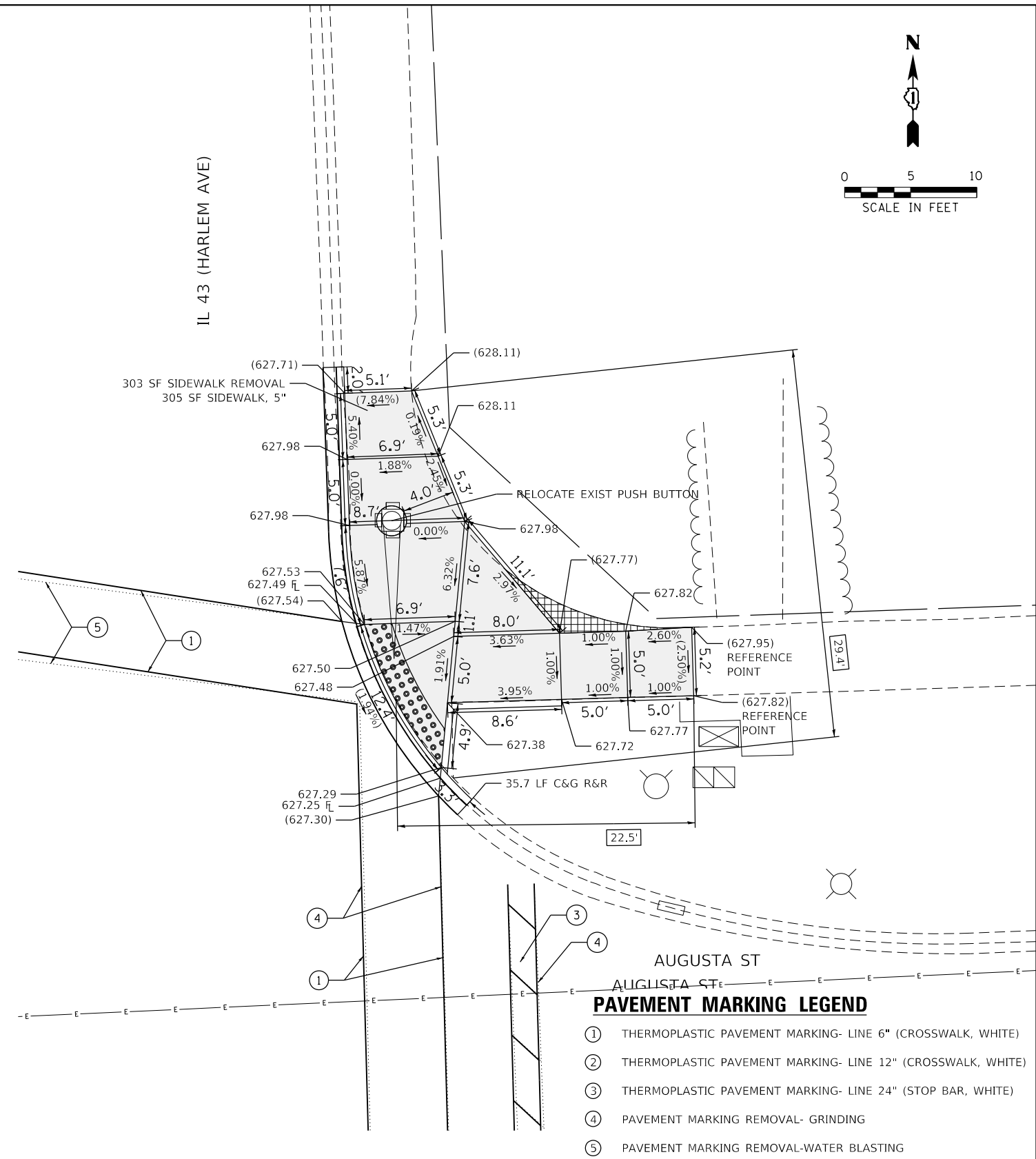
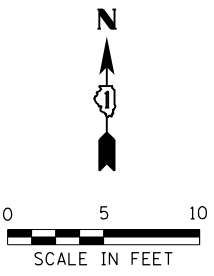
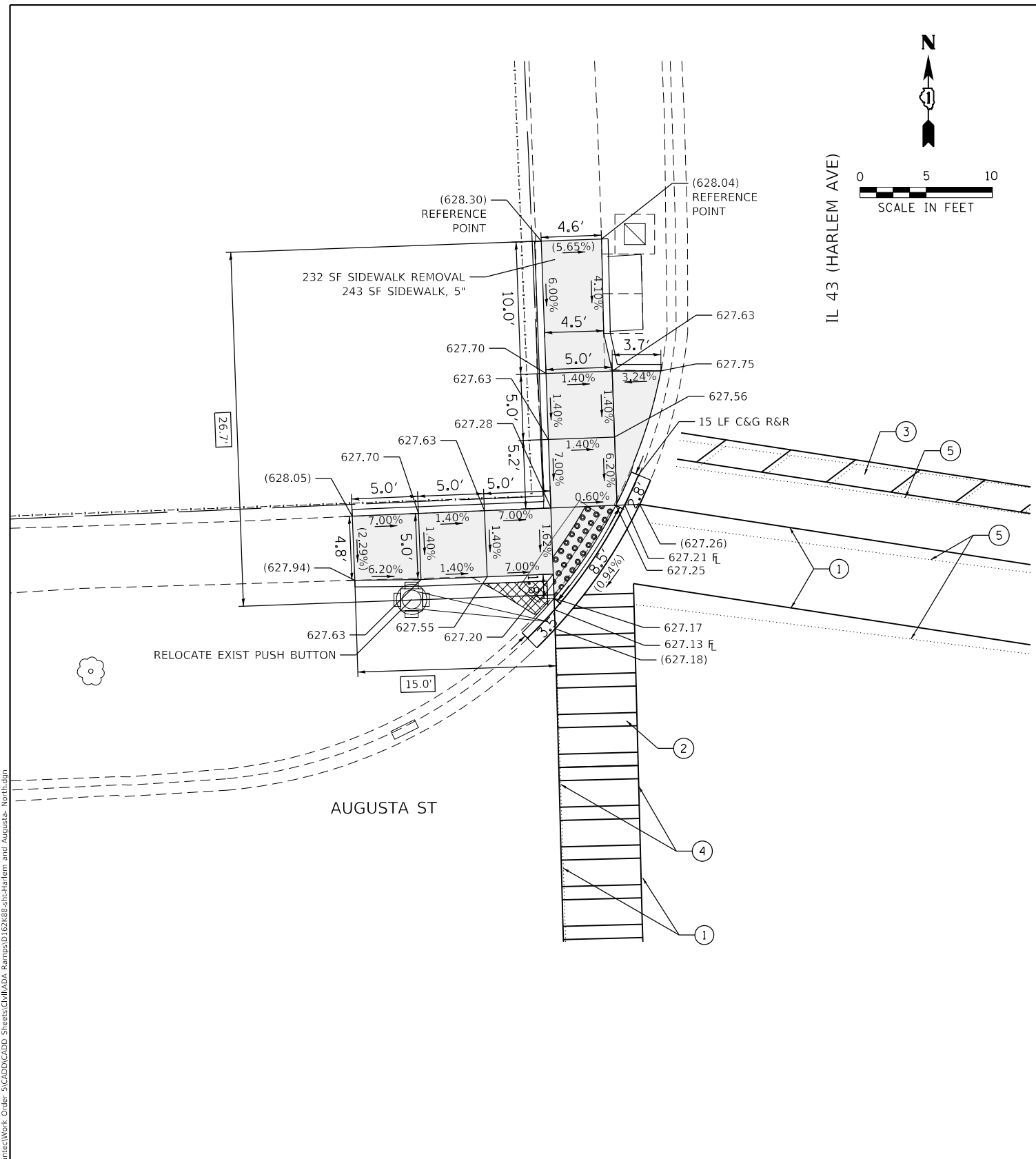
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS - OAK PARK
 MILLER ST AND IL 43 (HARLEM AVE)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	56
CONTRACT NO. 62K88				
ILLINOIS FED. AID PROJECT				

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- PAVEMENT MARKING LEGEND**
- ① THERMOPLASTIC PAVEMENT MARKING- LINE 6" (CROSSWALK, WHITE)
 - ② THERMOPLASTIC PAVEMENT MARKING- LINE 12" (CROSSWALK, WHITE)
 - ③ THERMOPLASTIC PAVEMENT MARKING- LINE 24" (STOP BAR, WHITE)
 - ④ PAVEMENT MARKING REMOVAL- GRINDING
 - ⑤ PAVEMENT MARKING REMOVAL-WATER BLASTING

REFERENCE BENCHMARK ELEV 628.13
 BENCHMARK : SQUARE ON SW CONC. TRAFFIC CONTROL BOX BASE NE CORNER
 LOCATION : 15 FT NORTH OF AUGUSTA STREET

LEGEND

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

REFERENCE BENCHMARK ELEV 628.13
 BENCHMARK : SQUARE ON SW CONC. TRAFFIC CONTROL BOX BASE NE CORNER
 LOCATION : 15 FT NORTH OF AUGUSTA STREET



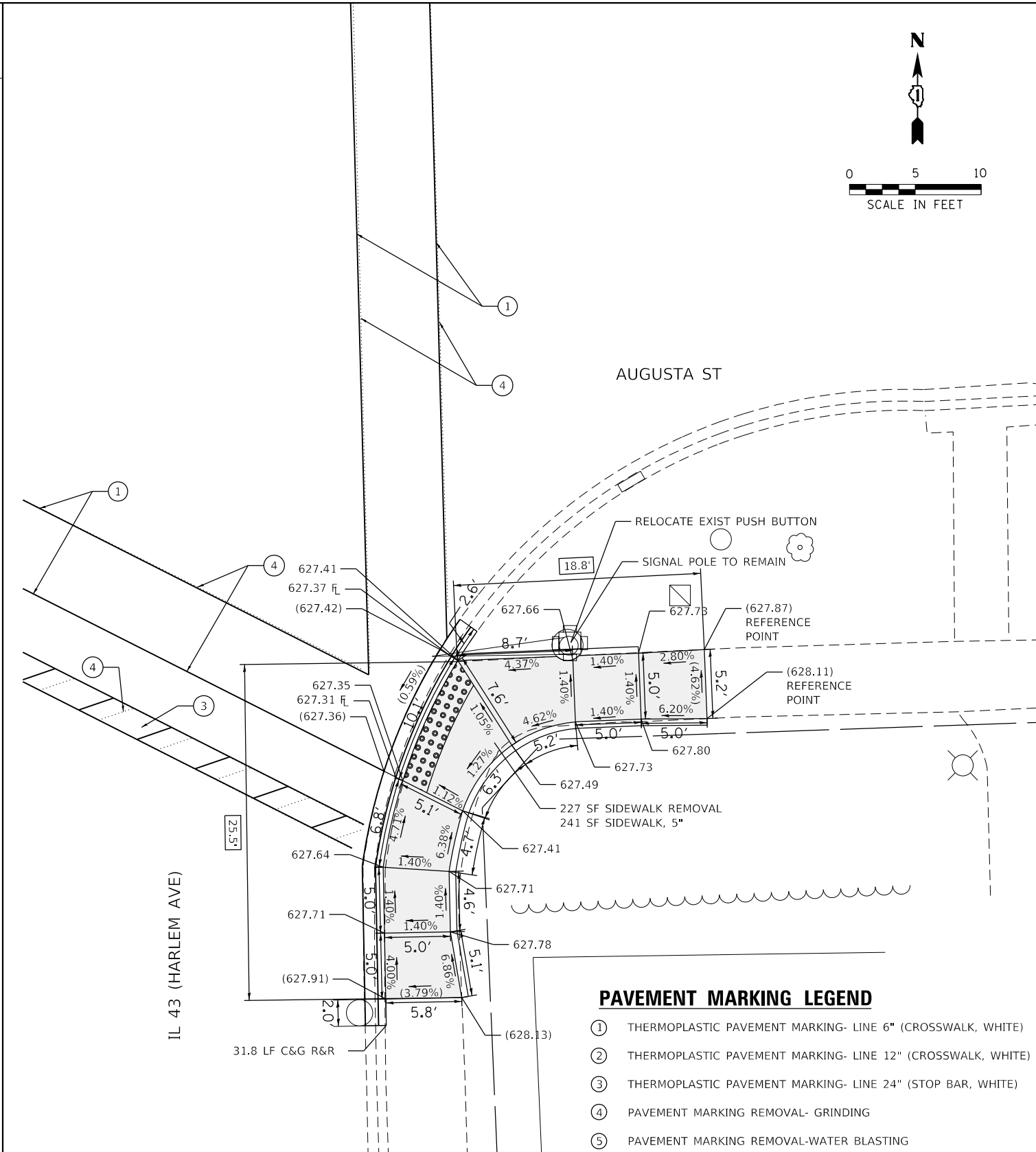
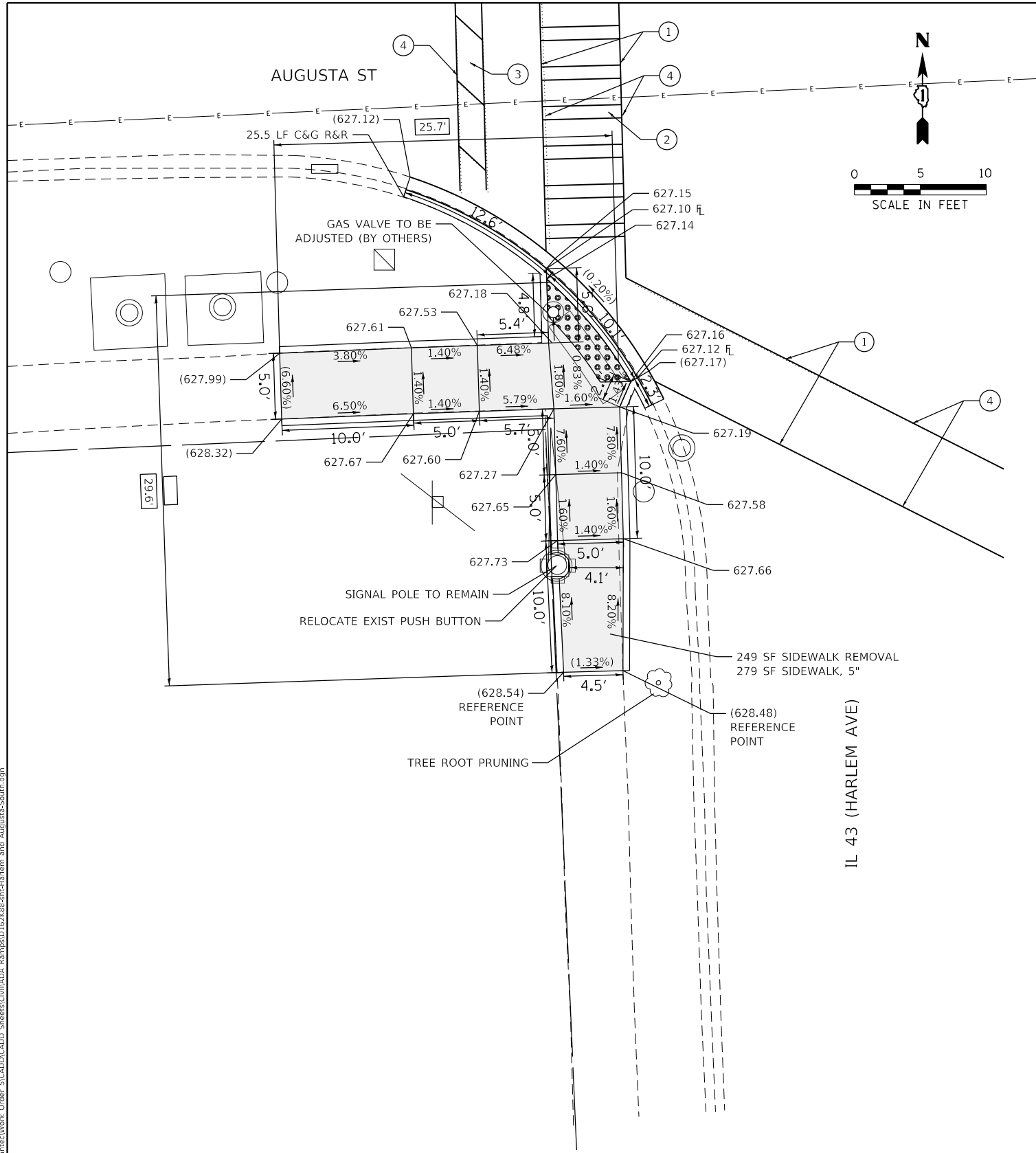
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS - OAK PARK
 AUGUSTA ST AND IL 43 (HARLEM AVE) - I**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	57
CONTRACT NO.			62K88	
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING- LINE 6" (CROSSWALK, WHITE)
- ② THERMOPLASTIC PAVEMENT MARKING- LINE 12" (CROSSWALK, WHITE)
- ③ THERMOPLASTIC PAVEMENT MARKING- LINE 24" (STOP BAR, WHITE)
- ④ PAVEMENT MARKING REMOVAL- GRINDING
- ⑤ PAVEMENT MARKING REMOVAL-WATER BLASTING

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

REFERENCE BENCHMARK ELEV 628.13
 BENCHMARK : SQUARE ON SW CONC. TRAFFIC CONTROL BOX BASE NE CORNER
 LOCATION : 15 FT NORTH OF AUGUSTA STREET

MODEL: Default
 FILE: Model - Civil Engineering\Live\Projects\2002_04_IL 43 - Spawrct\Work Order - 5\CADD\CADD Sheets\Civil\ADA_Ramps\1162688.rvt-Harlem and Augusta-South.dgn



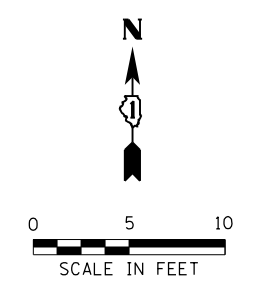
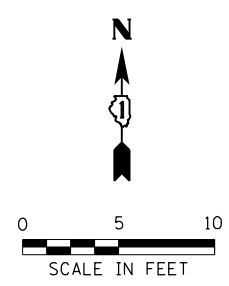
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PLOT DATE = 2/3/2021	DATE - 07-24-2020	REVISIONS -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS - OAK PARK
AUGUSTA ST AND IL 43 (HARLEM AVE) - II**

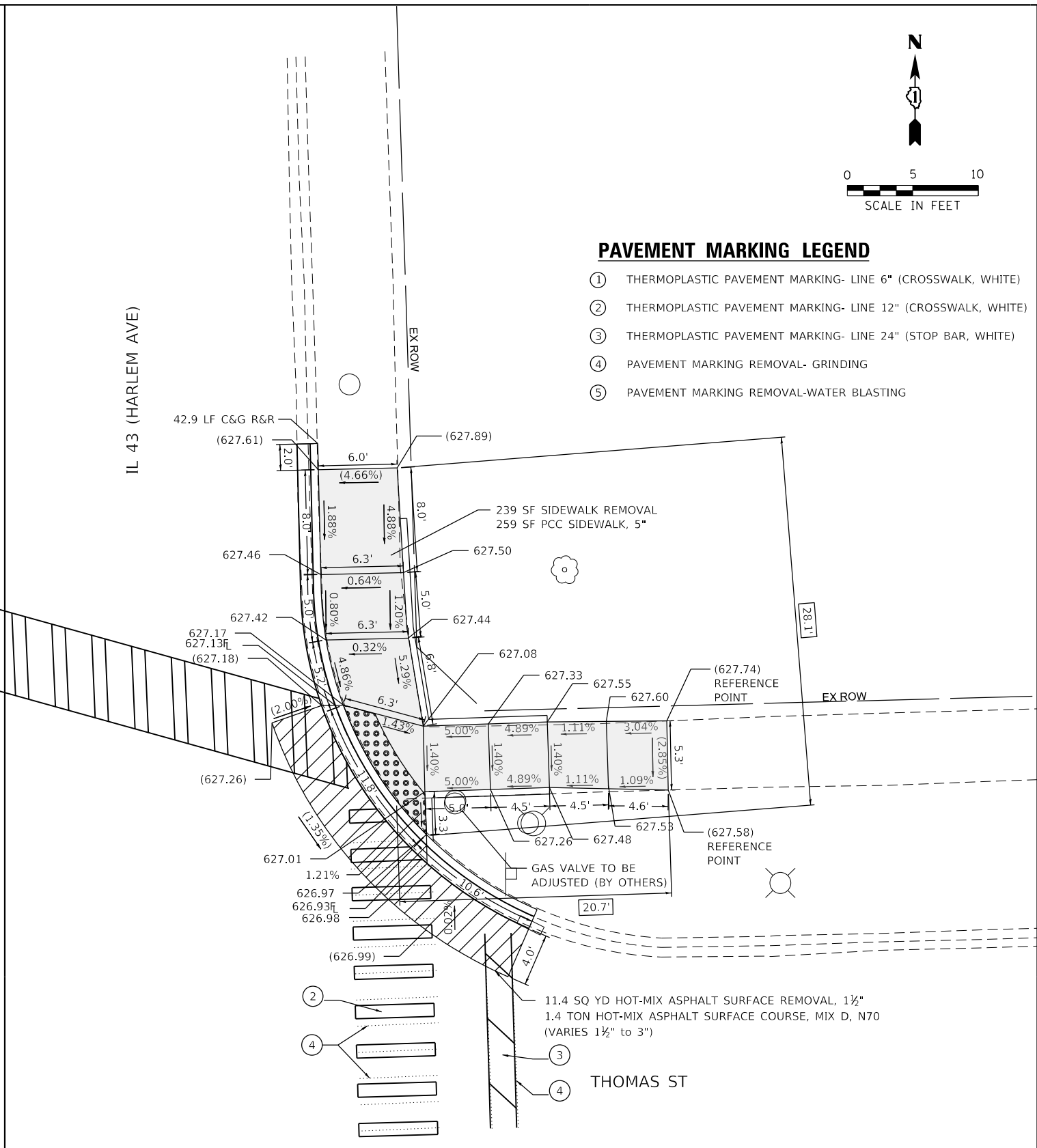
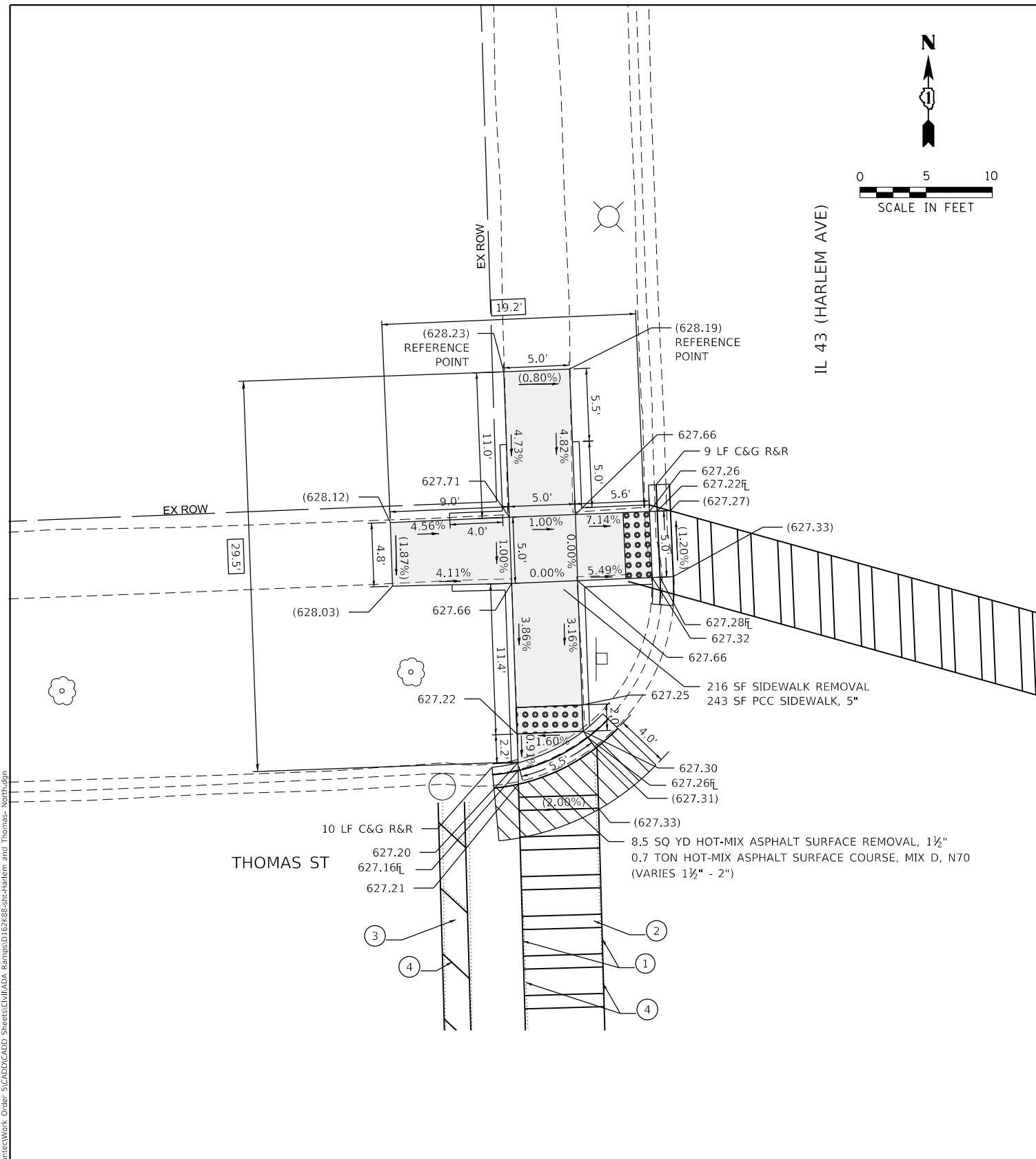
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	58
CONTRACT NO. 62K88				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING- LINE 6" (CROSSWALK, WHITE)
- ② THERMOPLASTIC PAVEMENT MARKING- LINE 12" (CROSSWALK, WHITE)
- ③ THERMOPLASTIC PAVEMENT MARKING- LINE 24" (STOP BAR, WHITE)
- ④ PAVEMENT MARKING REMOVAL- GRINDING
- ⑤ PAVEMENT MARKING REMOVAL-WATER BLASTING



REFERENCE BENCHMARK ELEV 629.51
 BENCHMARK : SE BOLT OF HYDRANT NE CORNER
 LOCATION : 9 FT NORTH OF THOMAS STREET

LEGEND

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

REFERENCE BENCHMARK ELEV 629.51
 BENCHMARK : SE BOLT OF HYDRANT NE CORNER
 LOCATION : 9 FT NORTH OF THOMAS STREET

MODEL: Default
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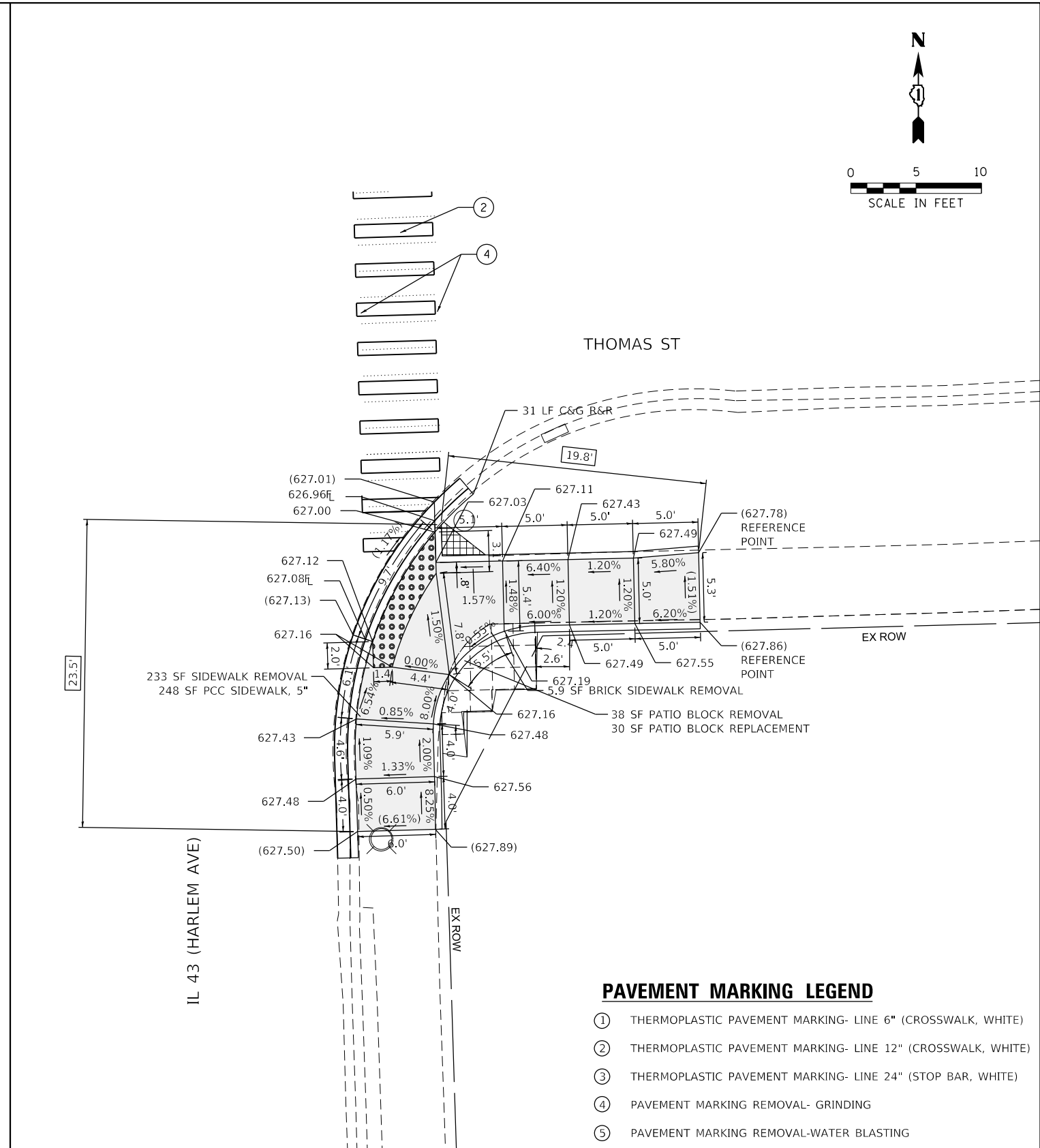
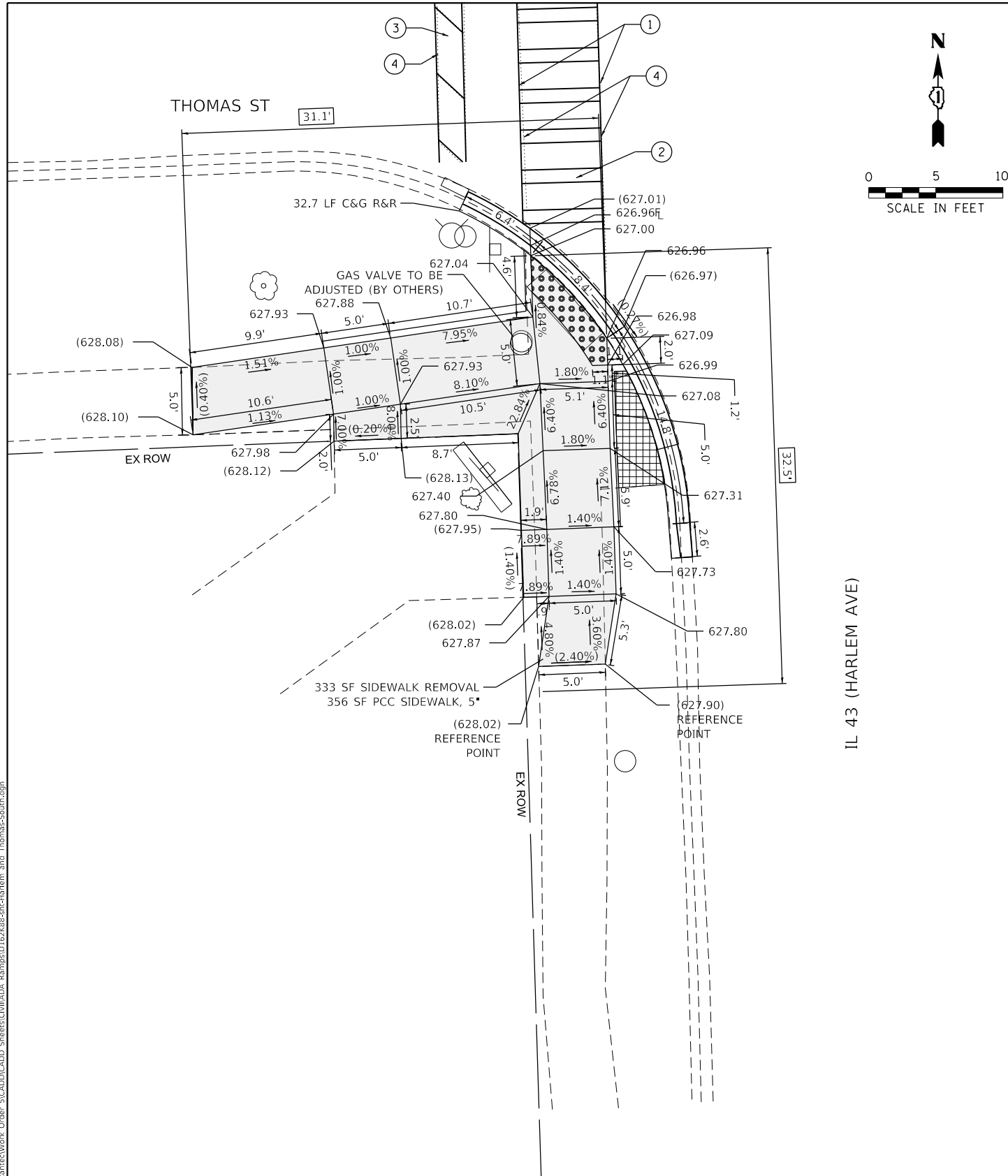
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	DATE - 07-24-2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS - OAK PARK
 THOMAS ST AND IL 43 (HARLEM AVE) - I**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	59
CONTRACT NO. 62K88				
ILLINOIS		FED. AID PROJECT		



PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING- LINE 6" (CROSSWALK, WHITE)
- ② THERMOPLASTIC PAVEMENT MARKING- LINE 12" (CROSSWALK, WHITE)
- ③ THERMOPLASTIC PAVEMENT MARKING- LINE 24" (STOP BAR, WHITE)
- ④ PAVEMENT MARKING REMOVAL- GRINDING
- ⑤ PAVEMENT MARKING REMOVAL-WATER BLASTING

LEGEND

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

REFERENCE BENCHMARK ELEV 629.51
 BENCHMARK : SE BOLT OF HYDRANT NE CORNER
 LOCATION : 9 FT NORTH OF THOMAS STREET

REFERENCE BENCHMARK ELEV 629.51
 BENCHMARK : SE BOLT OF HYDRANT NE CORNER
 LOCATION : 9 FT NORTH OF THOMAS STREET

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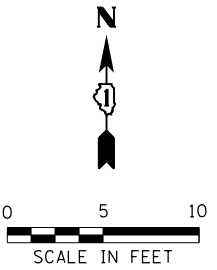
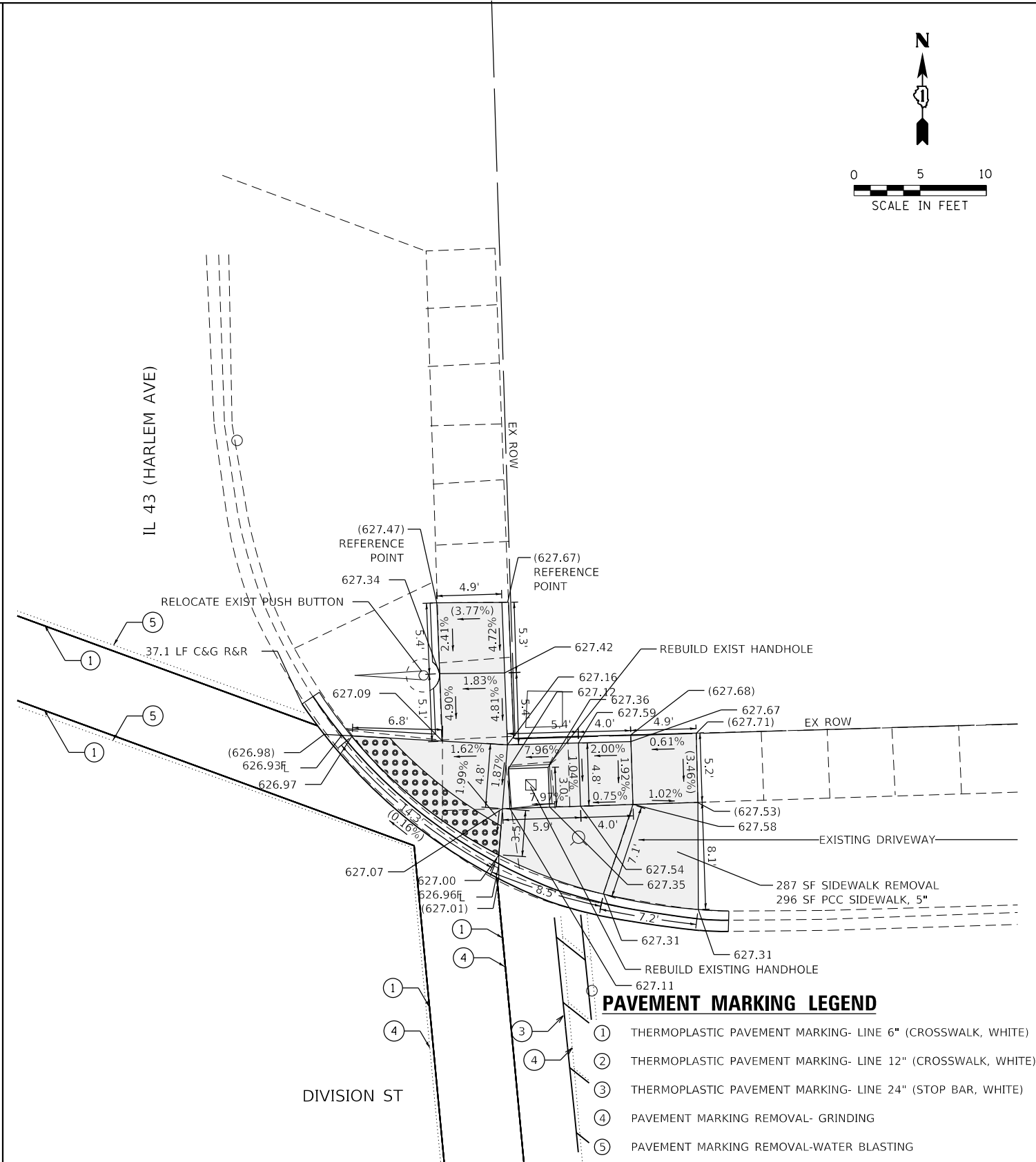
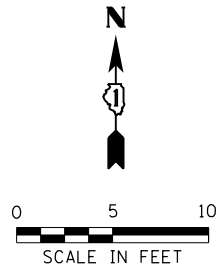
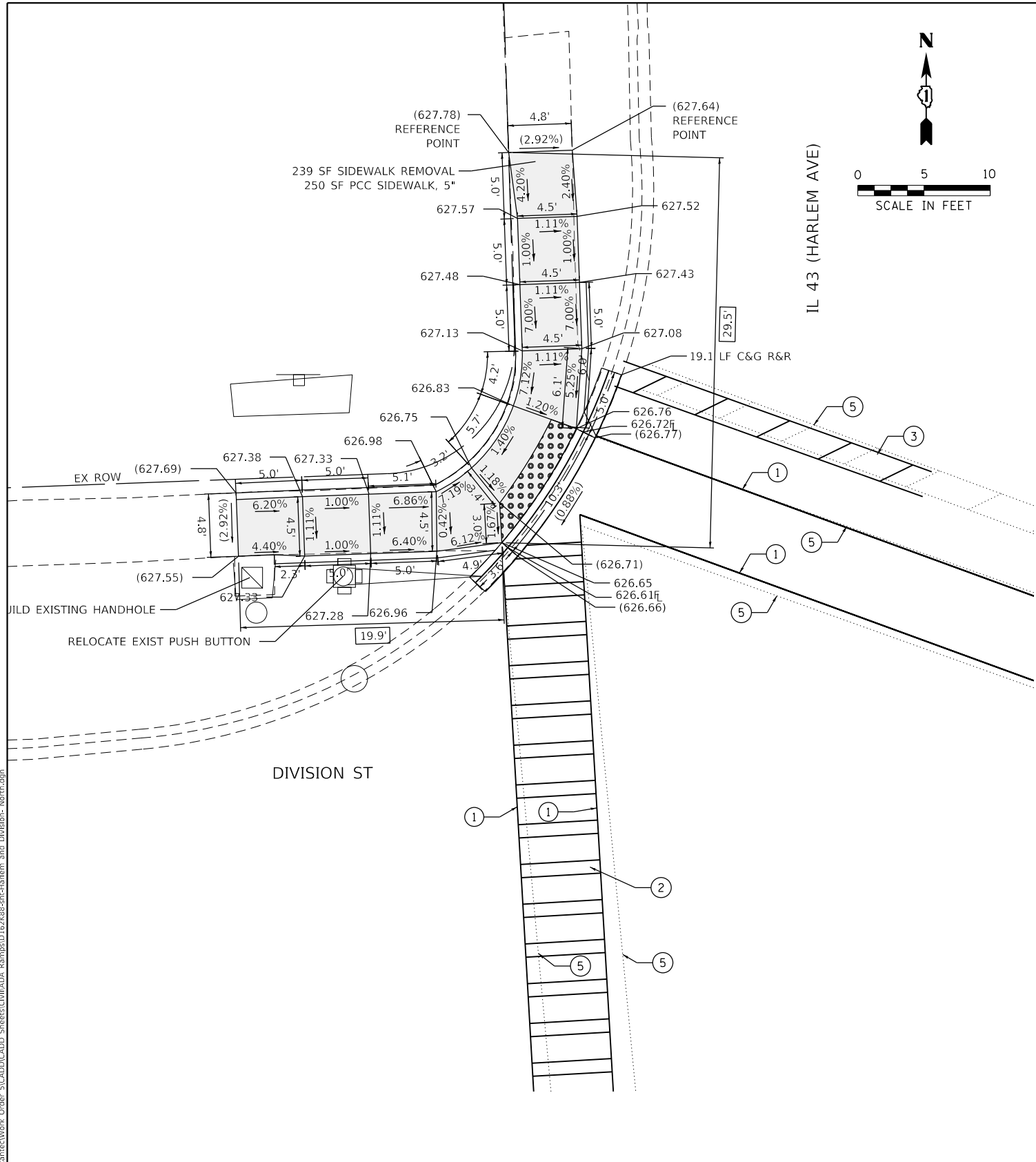
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PLOT DATE = 2/3/2021	DATE - 07-24-2020	REVISIONS -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS - OAK PARK
 THOMAS ST AND IL 43 (HARLEM AVE) - II**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	60
CONTRACT NO.			62K88	
ILLINOIS FED. AID PROJECT				



- PAVEMENT MARKING LEGEND**
- ① THERMOPLASTIC PAVEMENT MARKING- LINE 6" (CROSSWALK, WHITE)
 - ② THERMOPLASTIC PAVEMENT MARKING- LINE 12" (CROSSWALK, WHITE)
 - ③ THERMOPLASTIC PAVEMENT MARKING- LINE 24" (STOP BAR, WHITE)
 - ④ PAVEMENT MARKING REMOVAL- GRINDING
 - ⑤ PAVEMENT MARKING REMOVAL-WATER BLASTING

REFERENCE BENCHMARK ELEV 627.81
 BENCHMARK : SQUARE ON WEST CONC. TRAFFIC SIGNAL BASE NE CORNER
 LOCATION : 19 FT NORTH OF DIVISION STREET

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

REFERENCE BENCHMARK ELEV 627.68
 BENCHMARK : CUT SQUARE ON WEST CONC. BASE OF TRAFFIC SIGNAL WITH ARM
 LOCATION : NE CORNER OF HARLEM AVENUE AND DIVISION STREET

MODEL: Default
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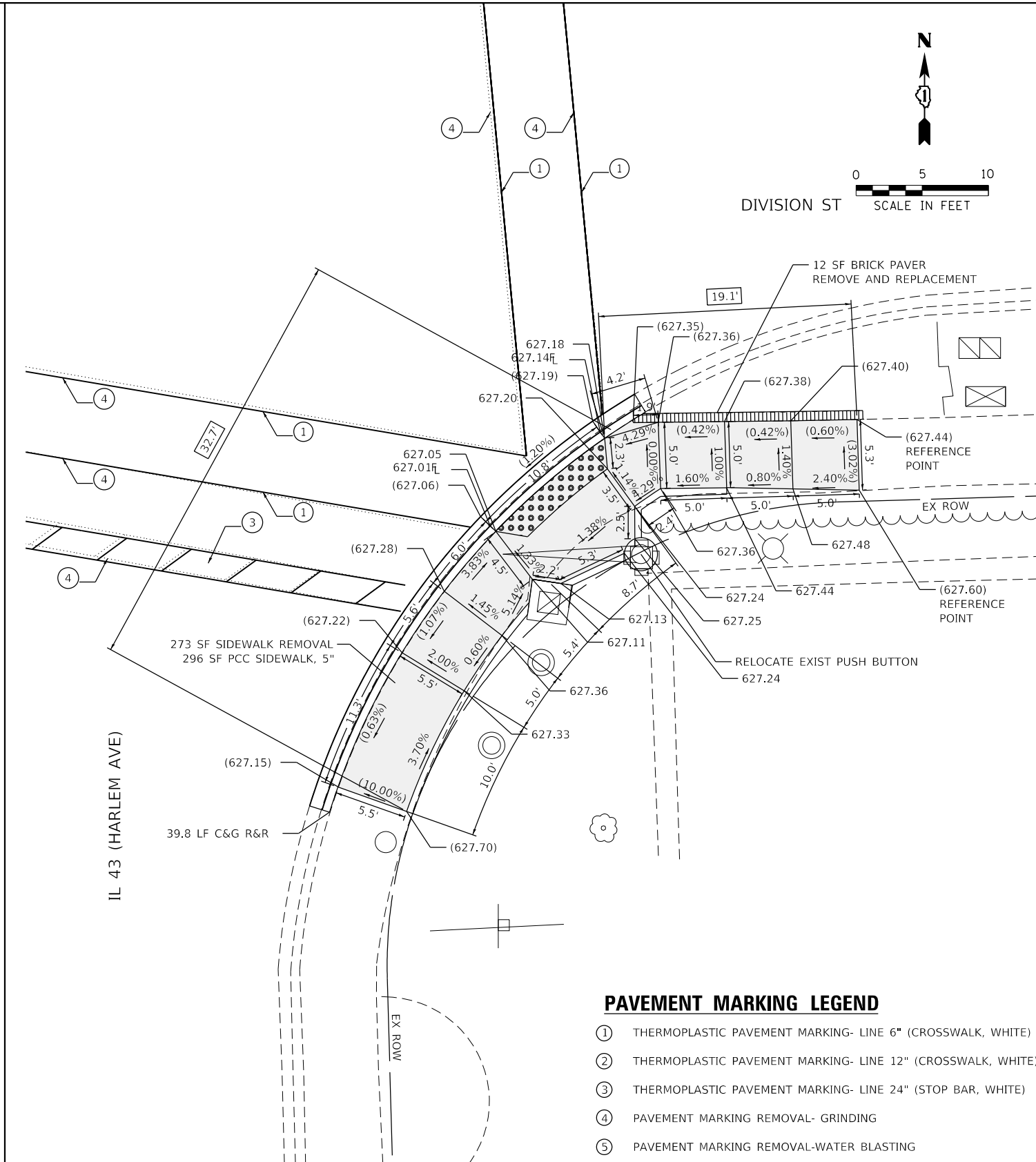
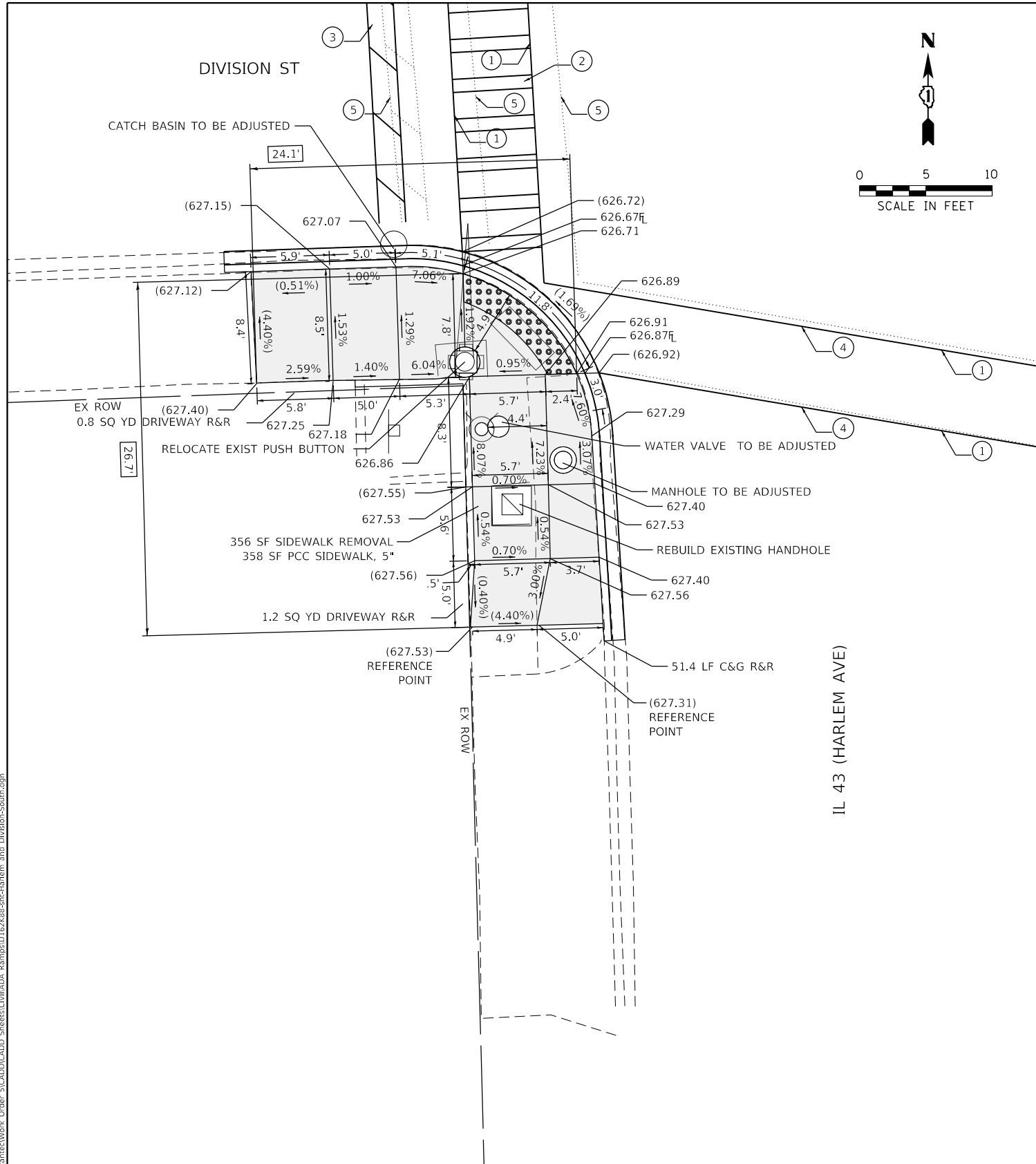
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PLOT DATE = 2/3/2021	DATE - 07-24-2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS - OAK PARK
 DIVISION ST AND IL 43 (HARLEM AVE) - I**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	61
CONTRACT NO.			62K88	
ILLINOIS FED. AID PROJECT				



- PAVEMENT MARKING LEGEND**
- ① THERMOPLASTIC PAVEMENT MARKING- LINE 6" (CROSSWALK, WHITE)
 - ② THERMOPLASTIC PAVEMENT MARKING- LINE 12" (CROSSWALK, WHITE)
 - ③ THERMOPLASTIC PAVEMENT MARKING- LINE 24" (STOP BAR, WHITE)
 - ④ PAVEMENT MARKING REMOVAL- GRINDING
 - ⑤ PAVEMENT MARKING REMOVAL-WATER BLASTING

REFERENCE BENCHMARK ELEV 627.81
 BENCHMARK : SQUARE ON WEST CONC. TRAFFIC SIGNAL BASE NE CORNER
 LOCATION : 19 FT NORTH OF DIVISION STREET

LEGEND

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

REFERENCE BENCHMARK ELEV 627.81
 BENCHMARK : SQUARE ON WEST CONC. TRAFFIC SIGNAL BASE NE CORNER
 LOCATION : 19 FT NORTH OF DIVISION STREET

MODEL: Default
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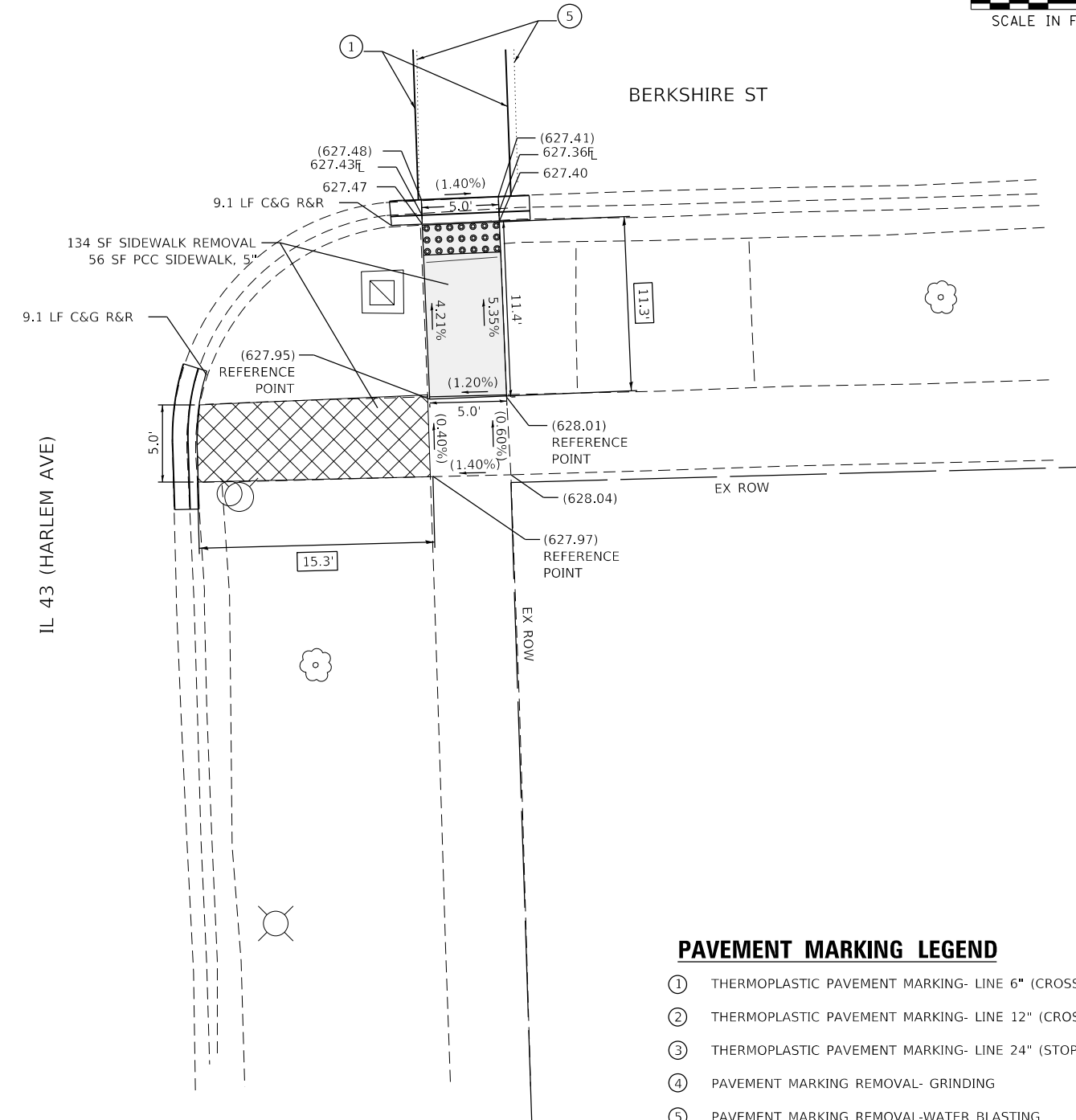
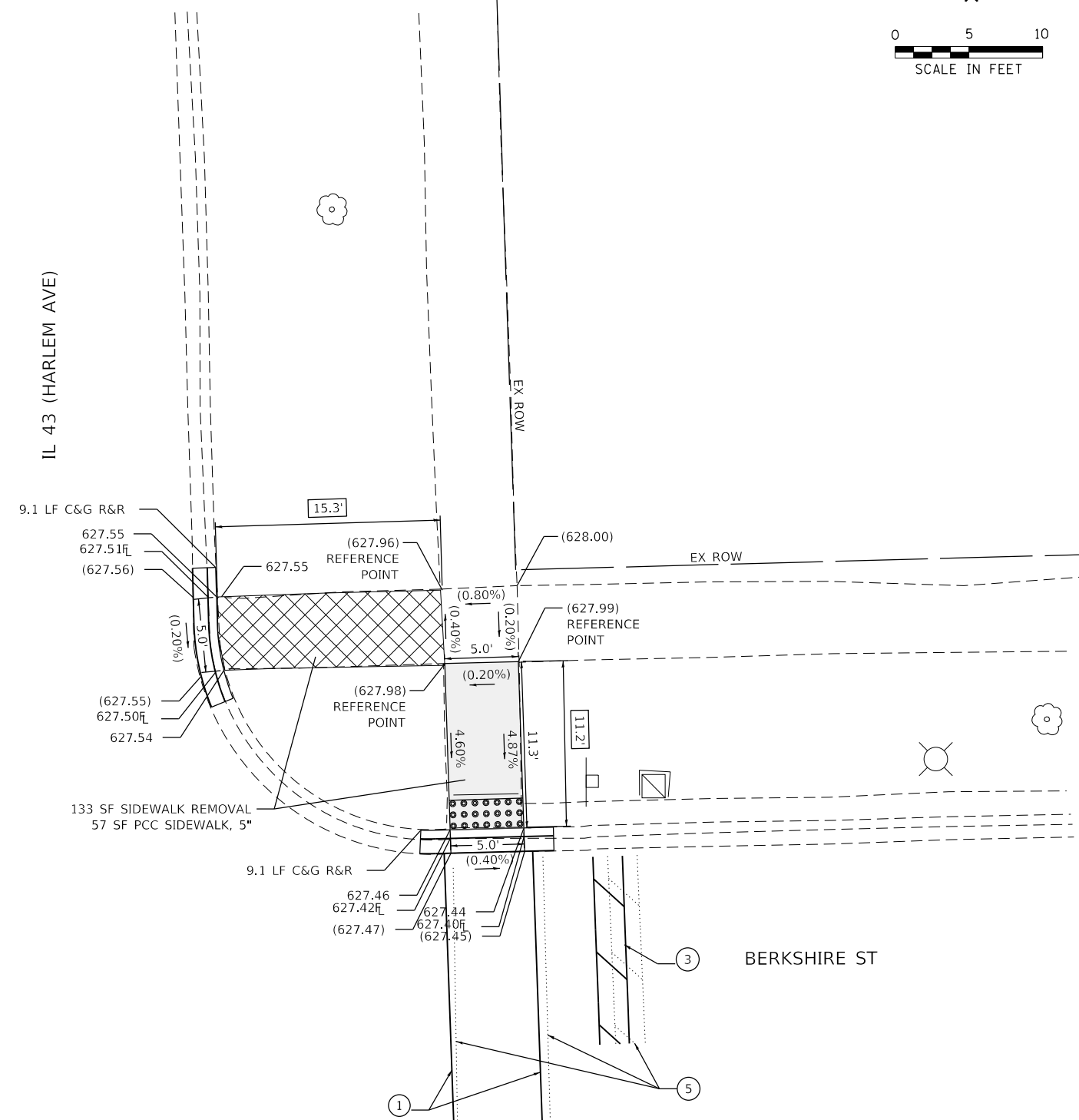
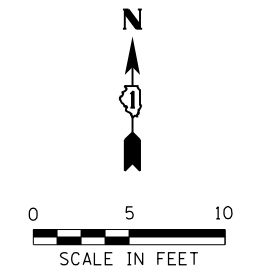
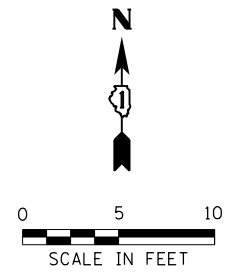
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PLOT DATE = 2/3/2021	DATE - 07-24-2020	REVISOR -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS - OAK PARK
 DIVISION ST AND IL 43 (HARLEM AVE) - II**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	62
CONTRACT NO.			62K88	
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING- LINE 6" (CROSSWALK, WHITE)
- ② THERMOPLASTIC PAVEMENT MARKING- LINE 12" (CROSSWALK, WHITE)
- ③ THERMOPLASTIC PAVEMENT MARKING- LINE 24" (STOP BAR, WHITE)
- ④ PAVEMENT MARKING REMOVAL- GRINDING
- ⑤ PAVEMENT MARKING REMOVAL-WATER BLASTING

REFERENCE BENCHMARK ELEV 627.85
 BENCHMARK : SE BOLT OF HYDRANT SE CORNER
 LOCATION : 18 FT SOUTH OF BERKSHIRE STREET

LEGEND

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

REFERENCE BENCHMARK ELEV 627.85
 BENCHMARK : SE BOLT OF HYDRANT SE CORNER
 LOCATION : 18 FT SOUTH OF BERKSHIRE STREET

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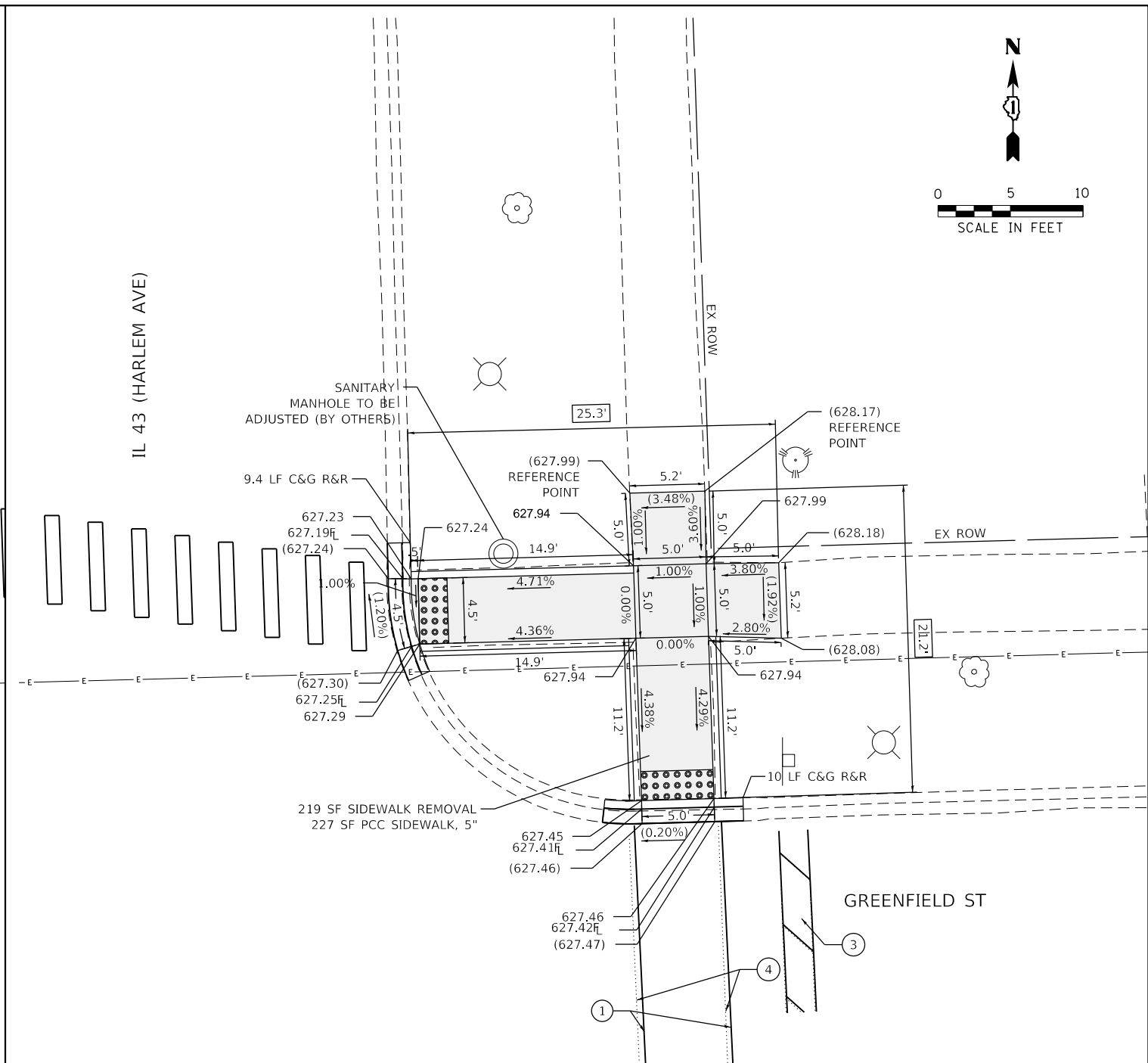
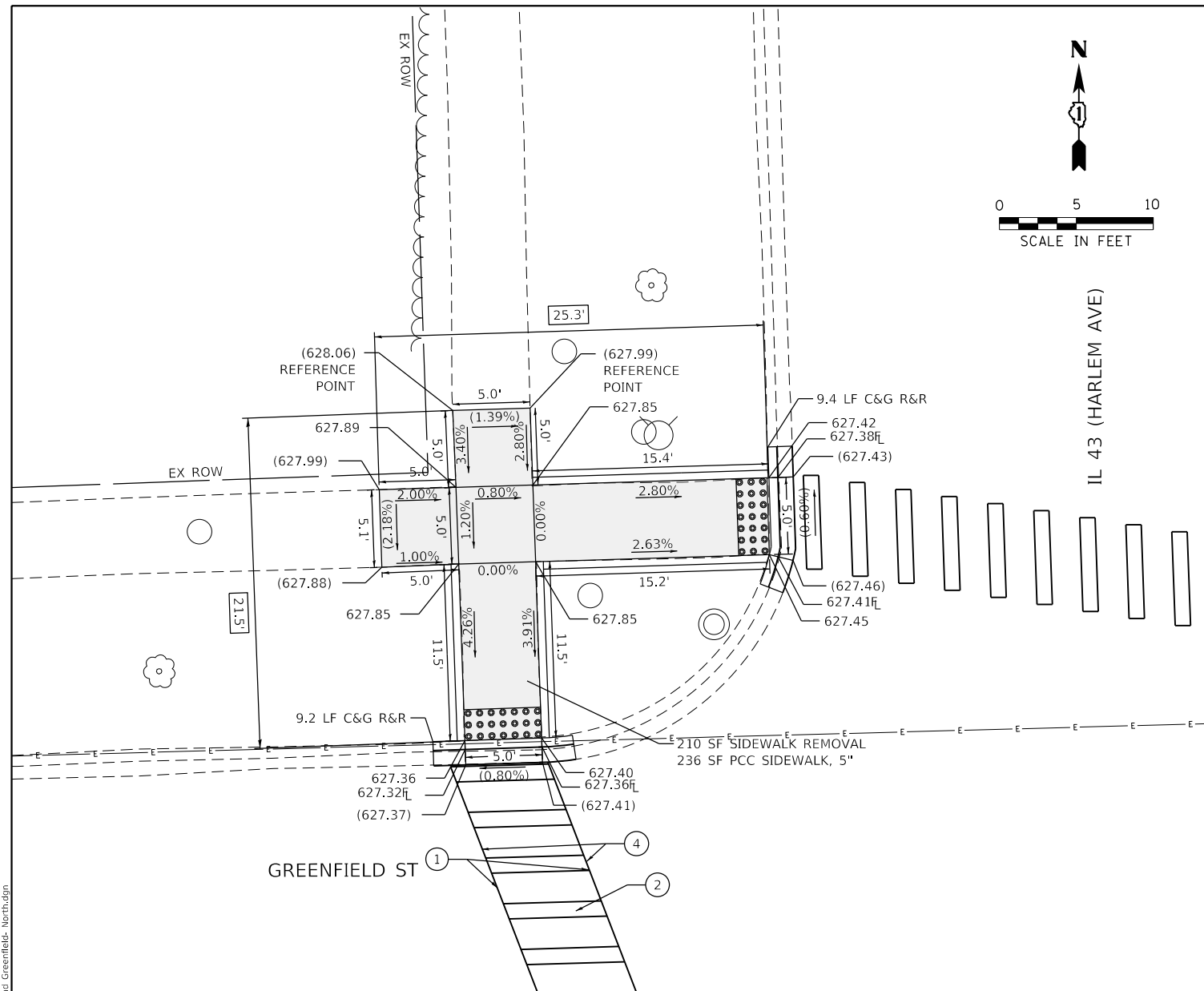
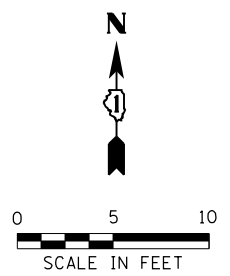
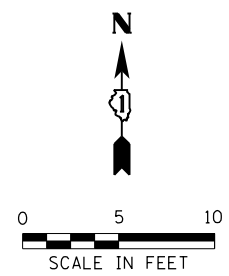
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS - OAK PARK
 BERKSHIRE ST AND IL 43 (HARLEM AVE)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	63
CONTRACT NO.			62K88	
ILLINOIS FED. AID PROJECT				



- PAVEMENT MARKING LEGEND**
- ① THERMOPLASTIC PAVEMENT MARKING- LINE 6" (CROSSWALK, WHITE)
 - ② THERMOPLASTIC PAVEMENT MARKING- LINE 12" (CROSSWALK, WHITE)
 - ③ THERMOPLASTIC PAVEMENT MARKING- LINE 24" (STOP BAR, WHITE)
 - ④ PAVEMENT MARKING REMOVAL- GRINDING
 - ⑤ PAVEMENT MARKING REMOVAL-WATER BLASTING

REFERENCE BENCHMARK ELEV 628.11
 BENCHMARK : SQUARE IN CONC BASE OF LIGHT POLE NE CORNER
 LOCATION : 26 FT NORTH OF GREENFIELD STREET

REFERENCE BENCHMARK ELEV 628.11
 BENCHMARK : SQUARE IN CONC BASE OF LIGHT POLE NE CORNER
 LOCATION : 26 FT NORTH OF GREENFIELD STREET

LEGEND

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

MODEL: Default
 FILE: Model - SE Engineering\Live\Projects\2002_04_11_DJR_SpanectWork_Order-5\CADD\CADD_Sheets\Civil\ADA_Ramps\1162488.rvt-Harlem and Greenfield - North.dgn



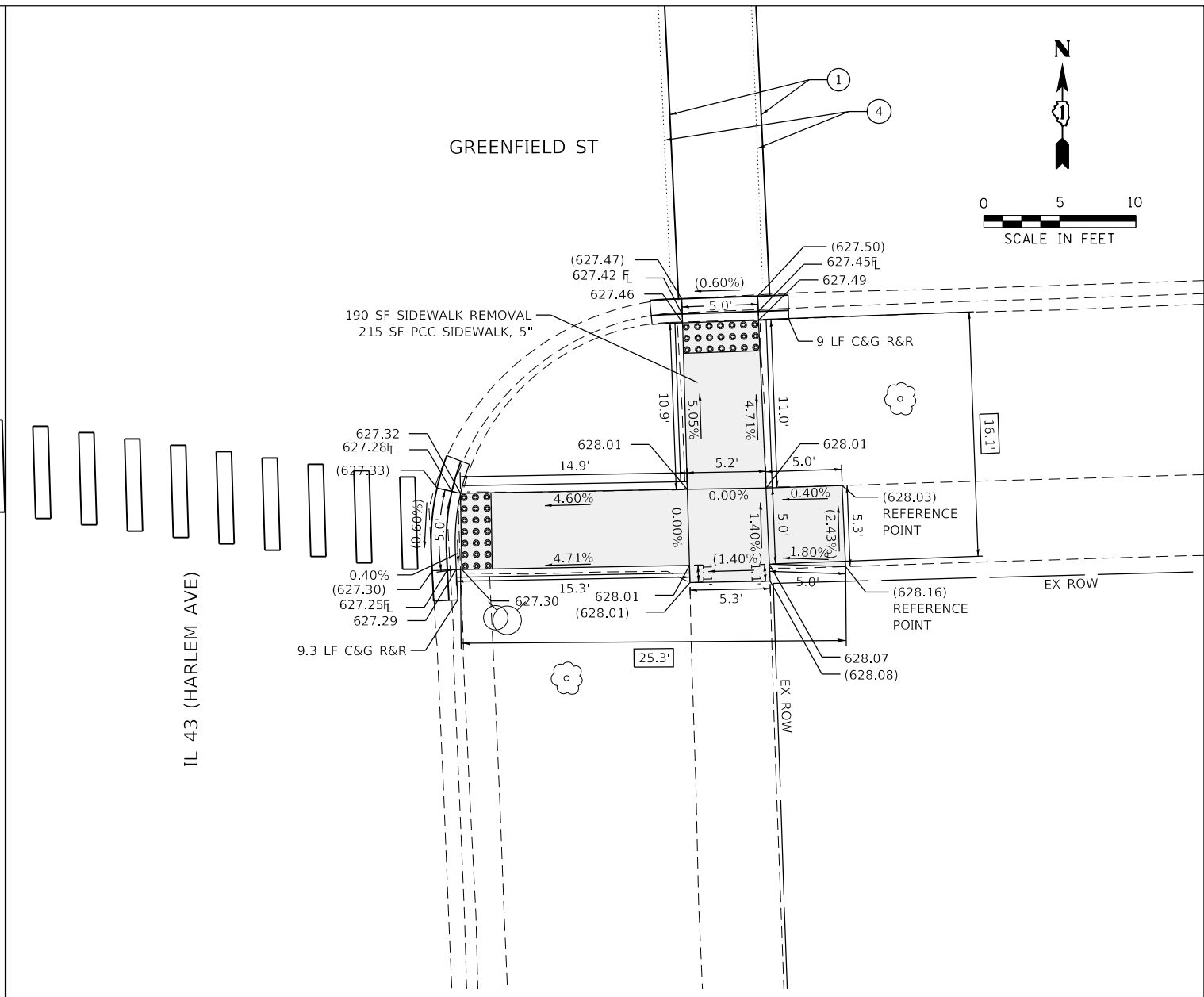
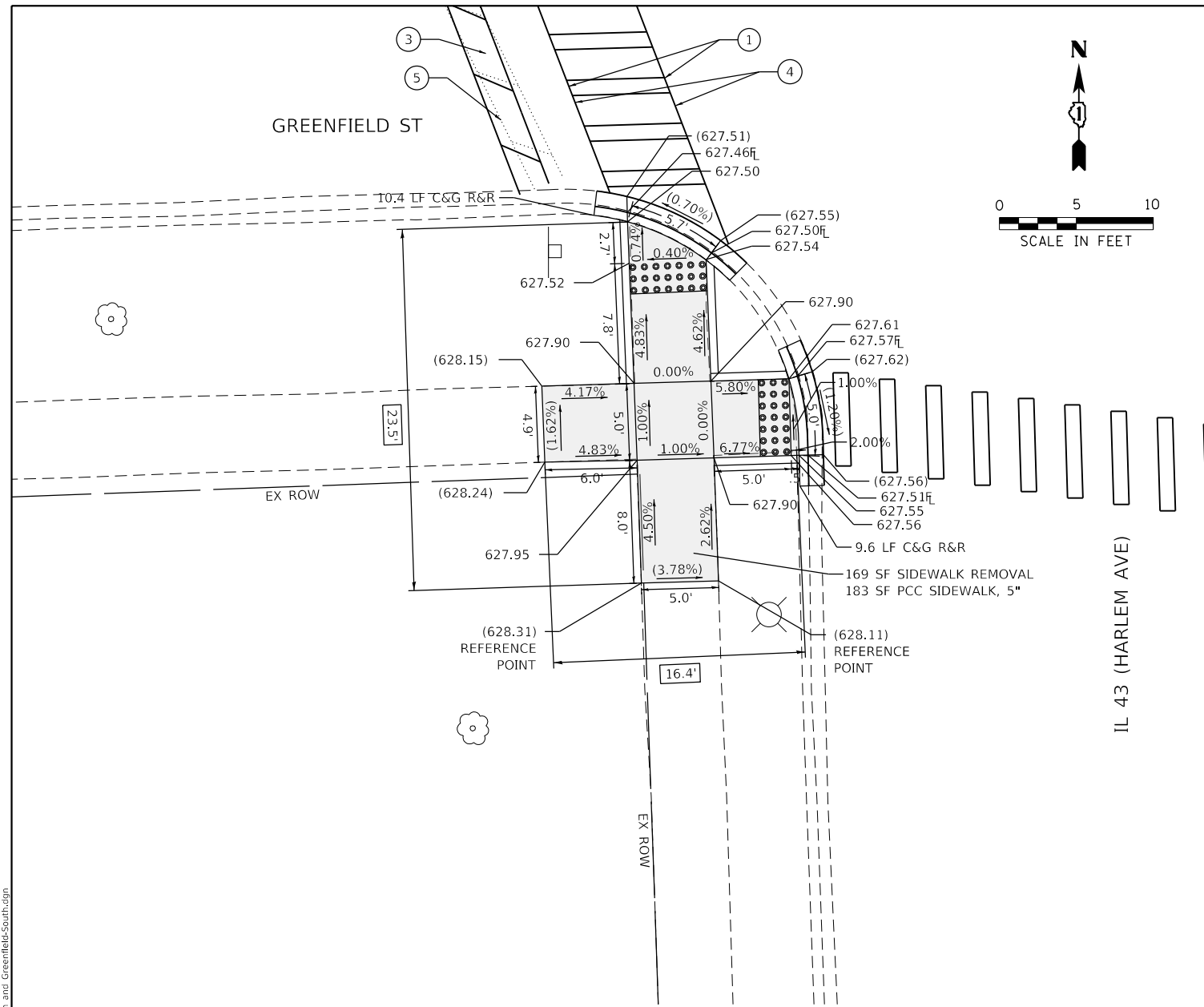
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PLOT DATE = 2/3/2021	DATE - 07-24-2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS - OAK PARK
 GREENFIELD ST AND IL 43 (HARLEM AVE) - I**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	64
CONTRACT NO. 62K88			ILLINOIS FED. AID PROJECT	



- PAVEMENT MARKING LEGEND**
- ① THERMOPLASTIC PAVEMENT MARKING- LINE 6" (CROSSWALK, WHITE)
 - ② THERMOPLASTIC PAVEMENT MARKING- LINE 12" (CROSSWALK, WHITE)
 - ③ THERMOPLASTIC PAVEMENT MARKING- LINE 24" (STOP BAR, WHITE)
 - ④ PAVEMENT MARKING REMOVAL- GRINDING
 - ⑤ PAVEMENT MARKING REMOVAL-WATER BLASTING

REFERENCE BENCHMARK ELEV 628.11
 BENCHMARK : SQUARE IN CONC BASE OF LIGHT POLE NE CORNER
 LOCATION : 26 FT NORTH OF GREENFIELD STREET

LEGEND

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

REFERENCE BENCHMARK ELEV 628.11
 BENCHMARK : SQUARE IN CONC BASE OF LIGHT POLE NE CORNER
 LOCATION : 26 FT NORTH OF GREENFIELD STREET

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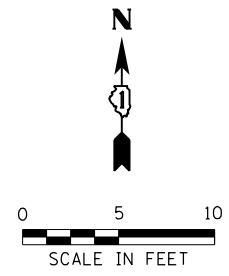


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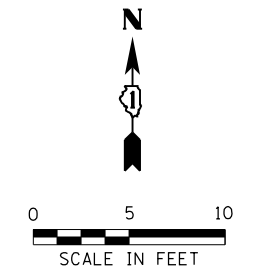
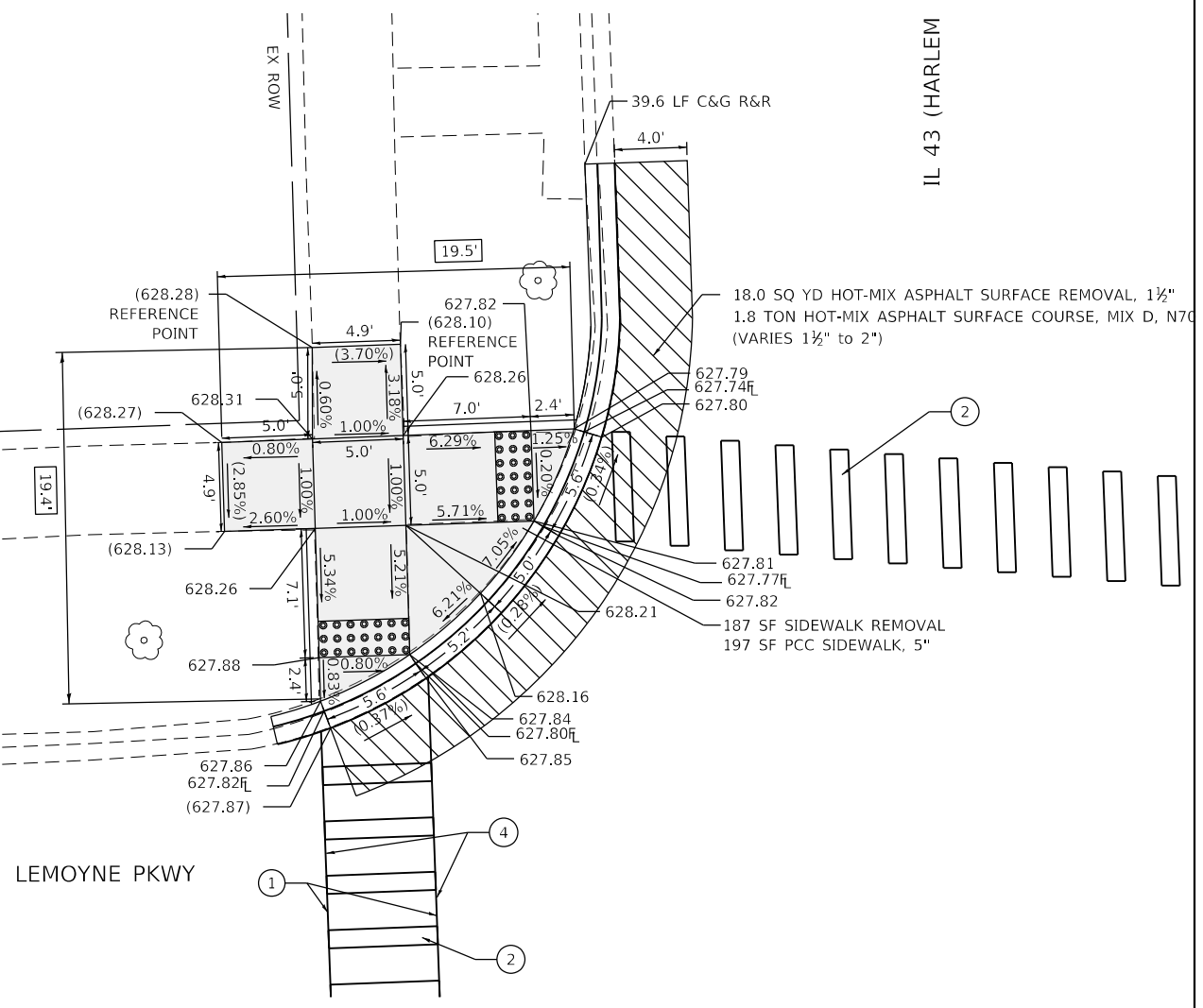
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SIDEWALK RAMP DETAILS - OAK PARK GREENFIELD ST AND IL 43 (HARLEM AVE) - II	
SCALE:	SHEET OF SHEETS STA. TO STA.

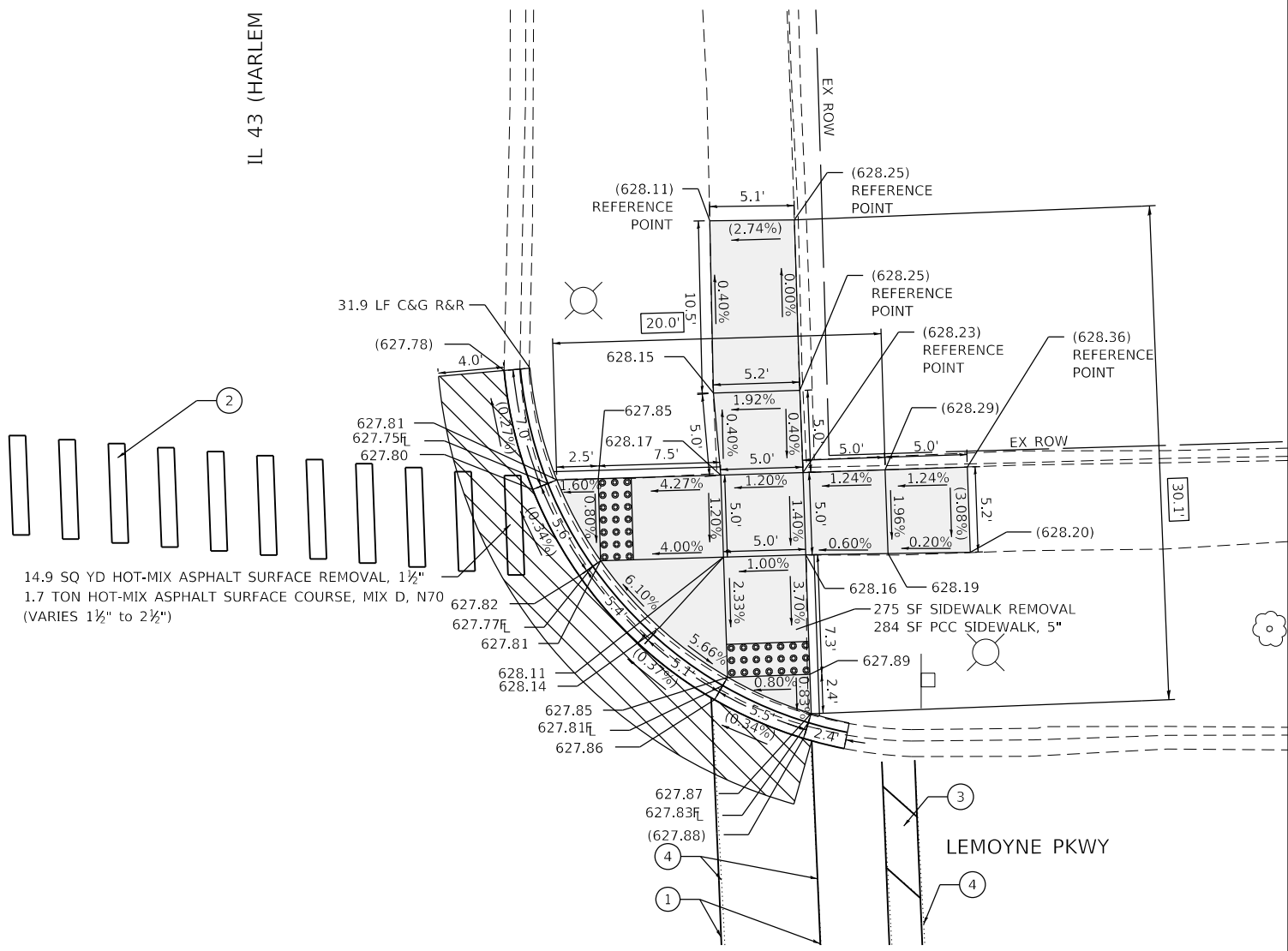
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	65
CONTRACT NO. 62K88			ILLINOIS FED. AID PROJECT	



IL 43 (HARLEM)



IL 43 (HARLEM)



PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING- LINE 6" (CROSSWALK, WHITE)
- ② THERMOPLASTIC PAVEMENT MARKING- LINE 12" (CROSSWALK, WHITE)
- ③ THERMOPLASTIC PAVEMENT MARKING- LINE 24" (STOP BAR, WHITE)
- ④ PAVEMENT MARKING REMOVAL- GRINDING
- ⑤ PAVEMENT MARKING REMOVAL-WATER BLASTING

REFERENCE BENCHMARK ELEV 628.16
 BENCHMARK : SQUARE IN CONC BASE OF LIGTH POLE NE CORNER
 LOCATION : 3 FT EAST OF HARLEM AVENUE

LEGEND

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

REFERENCE BENCHMARK ELEV 628.16
 BENCHMARK : SQUARE IN CONC BASE OF LIGTH POLE NE CORNER
 LOCATION : 3 FT EAST OF HARLEM AVENUE

MODEL: Default
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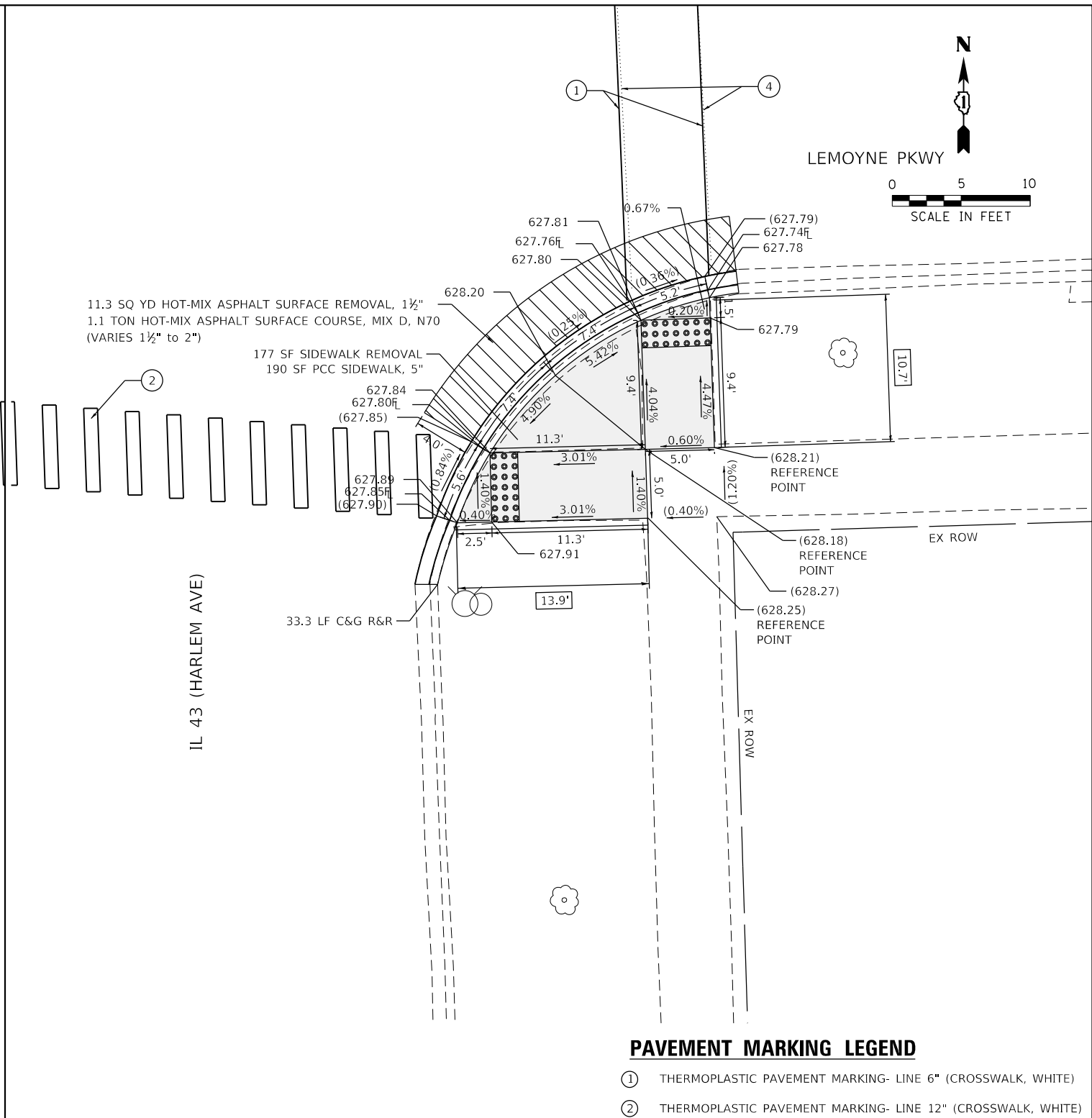
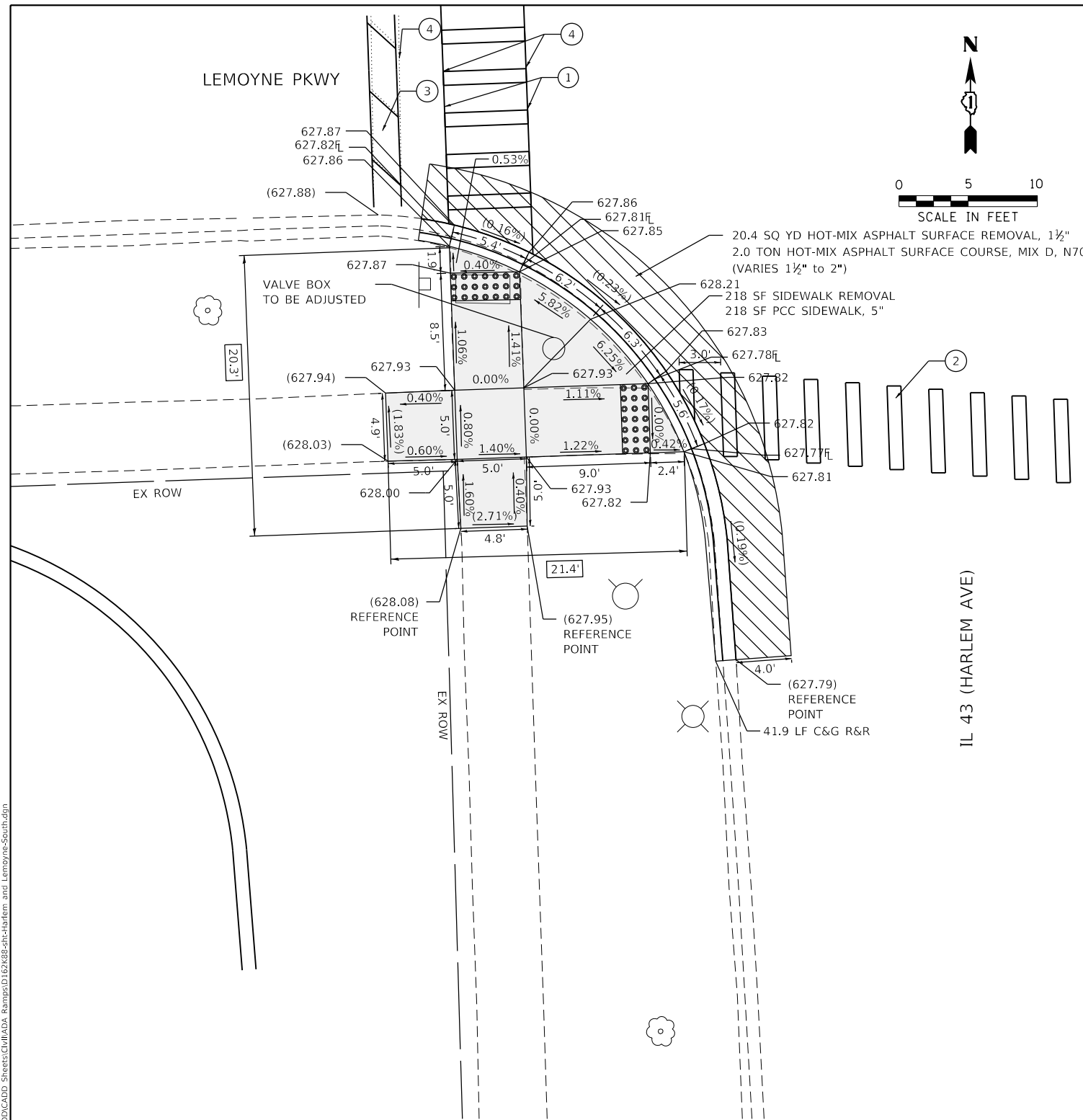
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS - OAK PARK
 LEMOYNE PKWY AND IL 43 (HARLEM AVE) - I**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	66
CONTRACT NO.			62K88	
ILLINOIS		FED. AID PROJECT		



- PAVEMENT MARKING LEGEND**
- ① THERMOPLASTIC PAVEMENT MARKING- LINE 6" (CROSSWALK, WHITE)
 - ② THERMOPLASTIC PAVEMENT MARKING- LINE 12" (CROSSWALK, WHITE)
 - ③ THERMOPLASTIC PAVEMENT MARKING- LINE 24" (STOP BAR, WHITE)
 - ④ PAVEMENT MARKING REMOVAL- GRINDING
 - ⑤ PAVEMENT MARKING REMOVAL-WATER BLASTING

REFERENCE BENCHMARK ELEV 628.16
 BENCHMARK : SQUARE IN CONC BASE OF LIGTH POLE NE CORNER
 LOCATION : 3 FT EAST OF HARLEM AVENUE

LEGEND

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

REFERENCE BENCHMARK ELEV 628.16
 BENCHMARK : SQUARE IN CONC BASE OF LIGTH POLE NE CORNER
 LOCATION : 3 FT EAST OF HARLEM AVENUE

MODEL: Default; FILE: Model; C:\Engineering\Live\Projects\2002_04_IL_DUR_Spanect\Work Order-5\CADD\CADD Sheets\Civil\ADA_Ramps\1162488-04-Harlem and Lemoyne-South.dgn



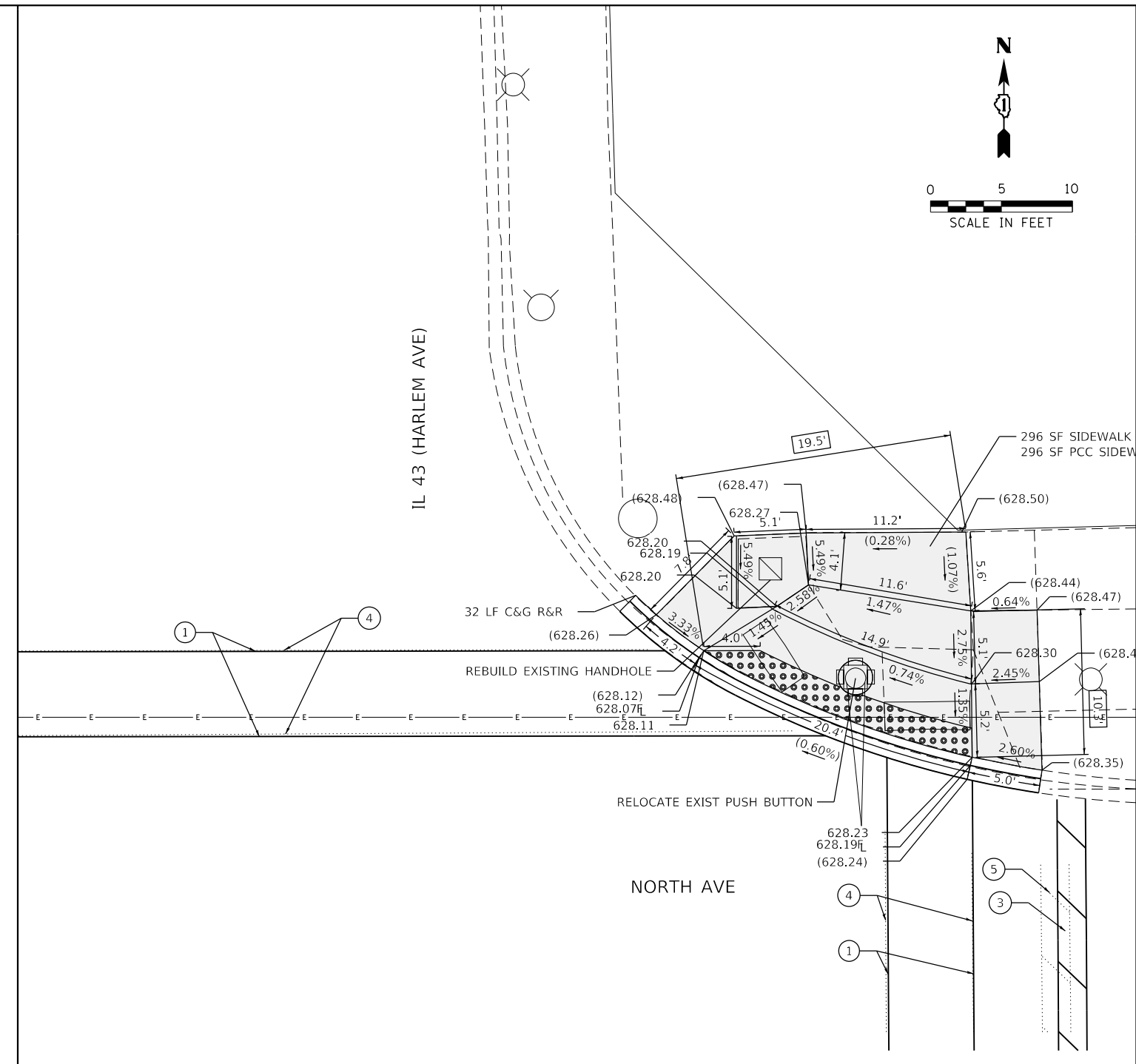
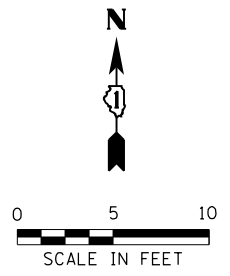
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PLOT DATE = 2/3/2021	DATE - 07-24-2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS - OAK PARK
LEMOYNE PKWY AND IL 43 (HARLEM AVE) - II**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	67
CONTRACT NO.			62K88	
ILLINOIS		FED. AID PROJECT		



- PAVEMENT MARKING LEGEND**
- ① THERMOPLASTIC PAVEMENT MARKING- LINE 6" (CROSSWALK, WHITE)
 - ② THERMOPLASTIC PAVEMENT MARKING- LINE 12" (CROSSWALK, WHITE)
 - ③ THERMOPLASTIC PAVEMENT MARKING- LINE 24" (STOP BAR, WHITE)
 - ④ PAVEMENT MARKING REMOVAL- GRINDING
 - ⑤ PAVEMENT MARKING REMOVAL-WATER BLASTING

LEGEND

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

REFERENCE BENCHMARK ELEV 628.34

BENCHMARK : SQUARE IN CONC SE CORNER

LOCATION : 109 FT SOUTH OF NORTH AVENUE

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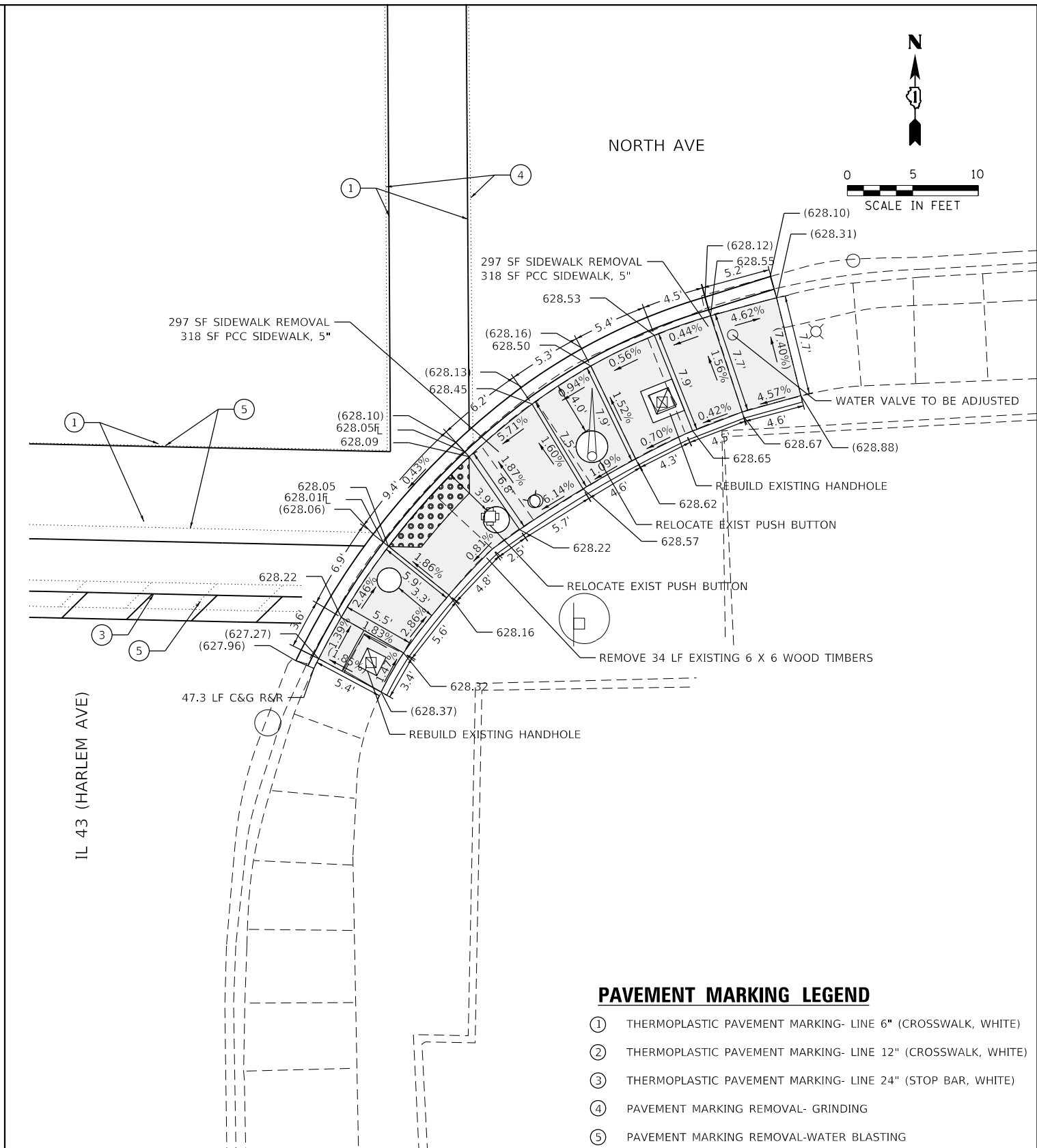
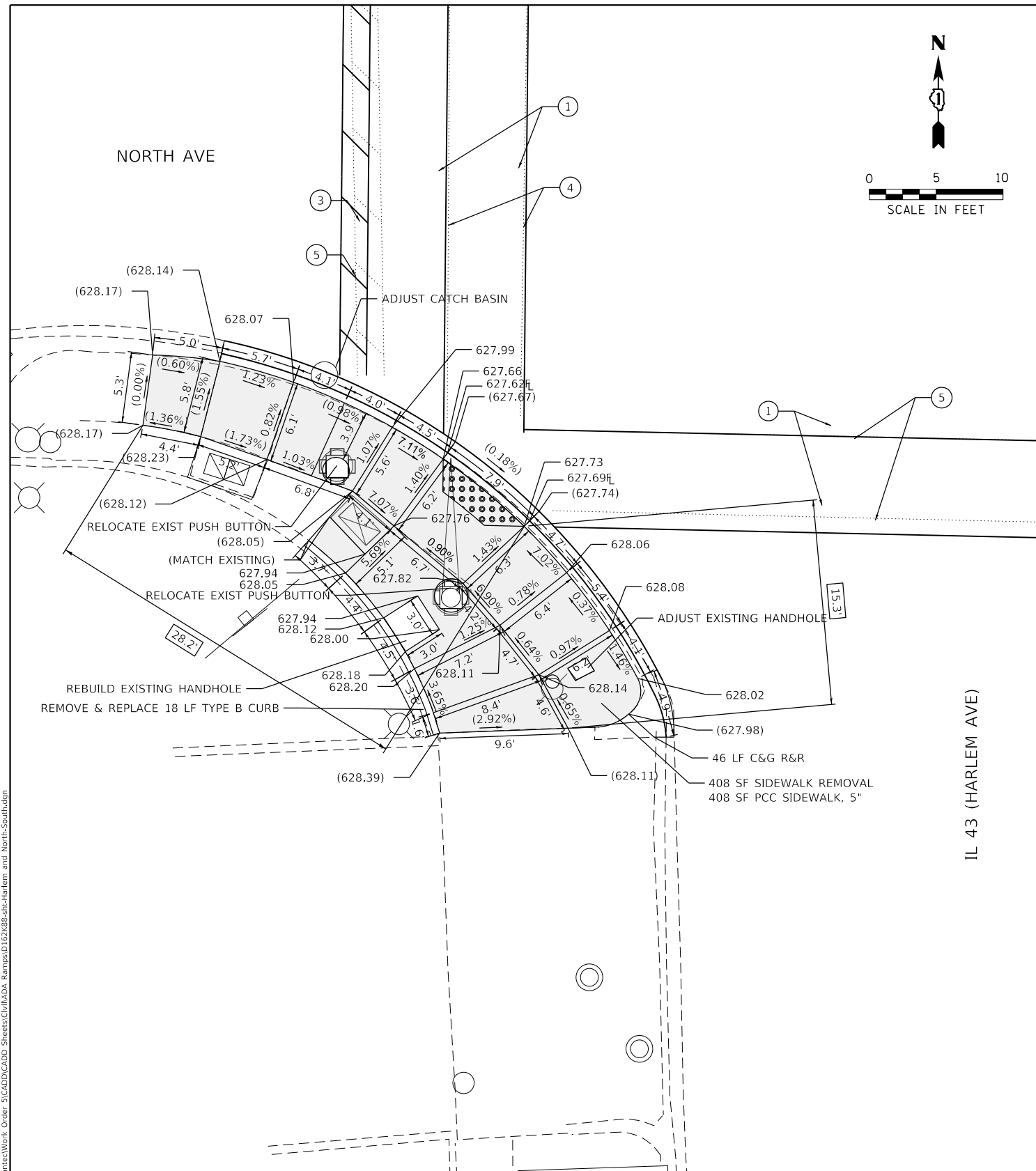
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PLOT DATE = 2/3/2021	DATE - 07-24-2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS - OAK PARK
NORTH AVE AND IL 43 (HARLEM AVE) - I**

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	68
CONTRACT NO.			62K88	
ILLINOIS FED. AID PROJECT				



- PAVEMENT MARKING LEGEND**
- ① THERMOPLASTIC PAVEMENT MARKING- LINE 6" (CROSSWALK, WHITE)
 - ② THERMOPLASTIC PAVEMENT MARKING- LINE 12" (CROSSWALK, WHITE)
 - ③ THERMOPLASTIC PAVEMENT MARKING- LINE 24" (STOP BAR, WHITE)
 - ④ PAVEMENT MARKING REMOVAL- GRINDING
 - ⑤ PAVEMENT MARKING REMOVAL-WATER BLASTING

REFERENCE BENCHMARK ELEV 628.34
 BENCHMARK : SQUARE IN CONC SE CORNER
 LOCATION : 109 FT SOUTH OF NORTH AVENUE

LEGEND

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

REFERENCE BENCHMARK ELEV 628.37
 BENCHMARK : CUT SQUARE ON EASTERLY CONC. BASE OF TRAFFIC CONTROL BOX
 LOCATION : SW CORNER OF HARLEM AVE AND NORTH AVENUE

MODEL: Default
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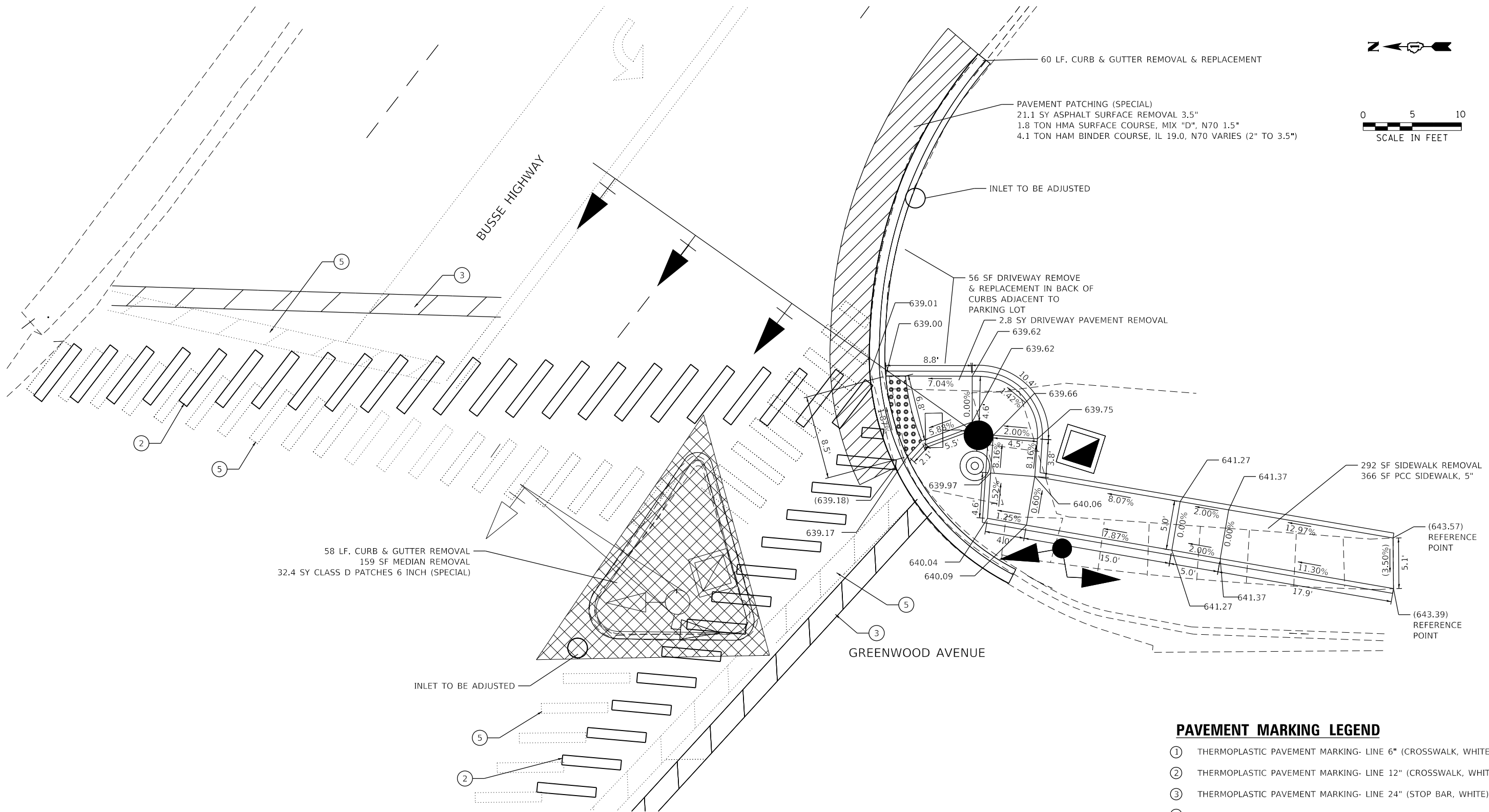
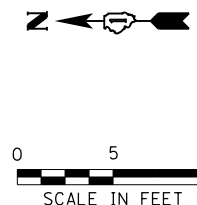
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS - OAK PARK
 NORTH AVE AND IL 43 (HARLEM AVE) - II**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	69
CONTRACT NO.			62K88	
ILLINOIS		FED. AID PROJECT		



58 LF. CURB & GUTTER REMOVAL
159 SF MEDIAN REMOVAL
32.4 SY CLASS D PATCHES 6 INCH (SPECIAL)

PAVEMENT PATCHING (SPECIAL)
21.1 SY ASPHALT SURFACE REMOVAL 3.5"
1.8 TON HMA SURFACE COURSE, MIX \"D\", N70 1.5"
4.1 TON HAM BINDER COURSE, IL 19.0, N70 VARIES (2\"/>

PAVEMENT MARKING LEGEND

- ① THERMOPLASTIC PAVEMENT MARKING- LINE 6" (CROSSWALK, WHITE)
- ② THERMOPLASTIC PAVEMENT MARKING- LINE 12" (CROSSWALK, WHITE)
- ③ THERMOPLASTIC PAVEMENT MARKING- LINE 24" (STOP BAR, WHITE)
- ④ PAVEMENT MARKING REMOVAL- GRINDING
- ⑤ PAVEMENT MARKING REMOVAL-WATER BLASTING

LEGEND

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

REFERENCE BENCHMARK ELEV 639.77
BENCHMARK : BM #22, CUT SQUARE ON HANDHOLE CONCRETE PAD
LOCATION : 2' WEST OF TRAFFIC MAST ARM POLE,
NE CORNER OF BUSSE HIGHWAY AND GREENWOOD AVENUE

MODEL: Default
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

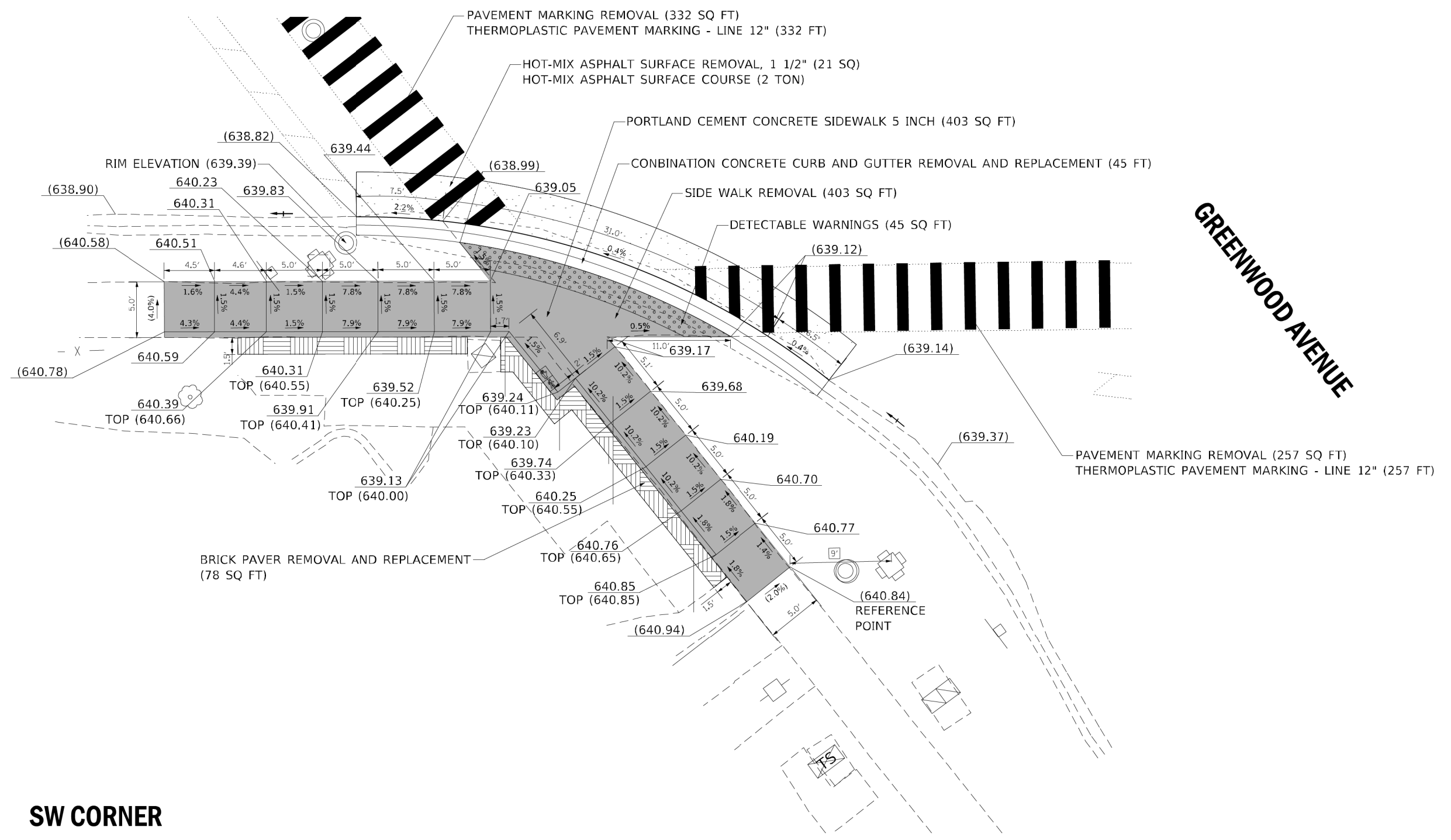
**SIDEWALK RAMP DETAILS - PARK RIDGE
BUSSE HWY AND GREENWOOD RD - I**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	70
CONTRACT NO.			62K88	
ILLINOIS FED. AID PROJECT				

← **WB BUSSE HIGHWAY**

GREENWOOD AVENUE



LEGEND

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

REFERENCE BENCHMARK ELEV: 639.77
 BENCHMARK : BM #22, CUT SQUARE ON HANDHOLE CONCRETE PAD
 LOCATION : 2' WEST OF TRAFFIC MAST ARM POLE,
 NE CORNER OF BUSSE HIGHWAY AND GREENWOOD AVENUE

REFERENCE BENCHMARK ELEV: '
 BENCHMARK : '
 LOCATION : '

ADA-18

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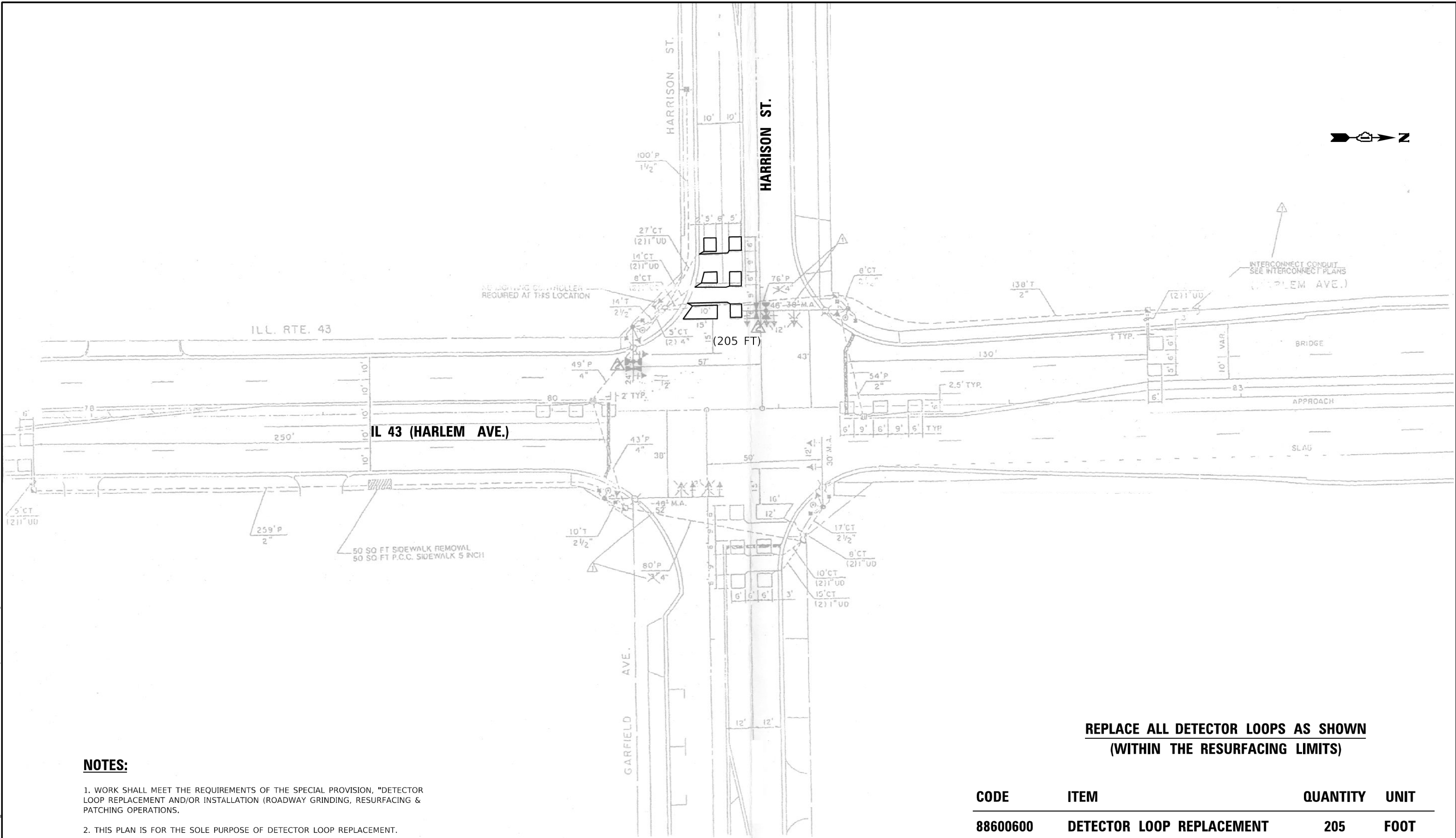
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAILS - PARK RIDGE
BUSSE HWY AND GREENWOOD RD - II**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	71
CONTRACT NO.			62K88	
ILLINOIS FED. AID PROJECT				



NOTES:

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

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

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	205	FOOT

TS 2315

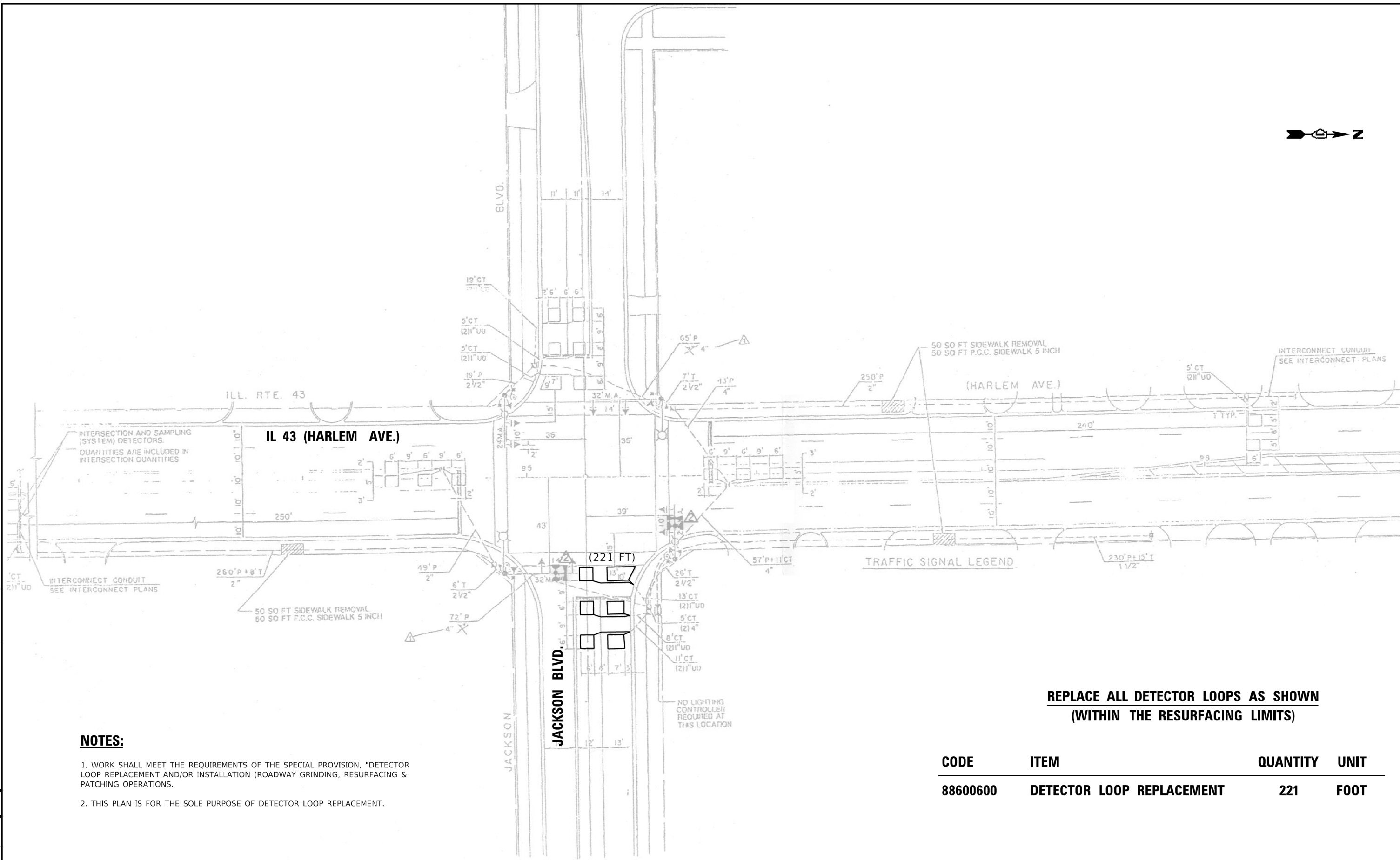
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETECTOR LOOP REPLACEMENT PLAN			
IL 43 (HARLEM AVE.) AT HARRISON ST.			
SCALE: 1"=20'	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	72
CONTRACT NO. 62K88				
ILLINOIS FED. AID PROJECT				



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

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

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	221	FOOT

TS 2350

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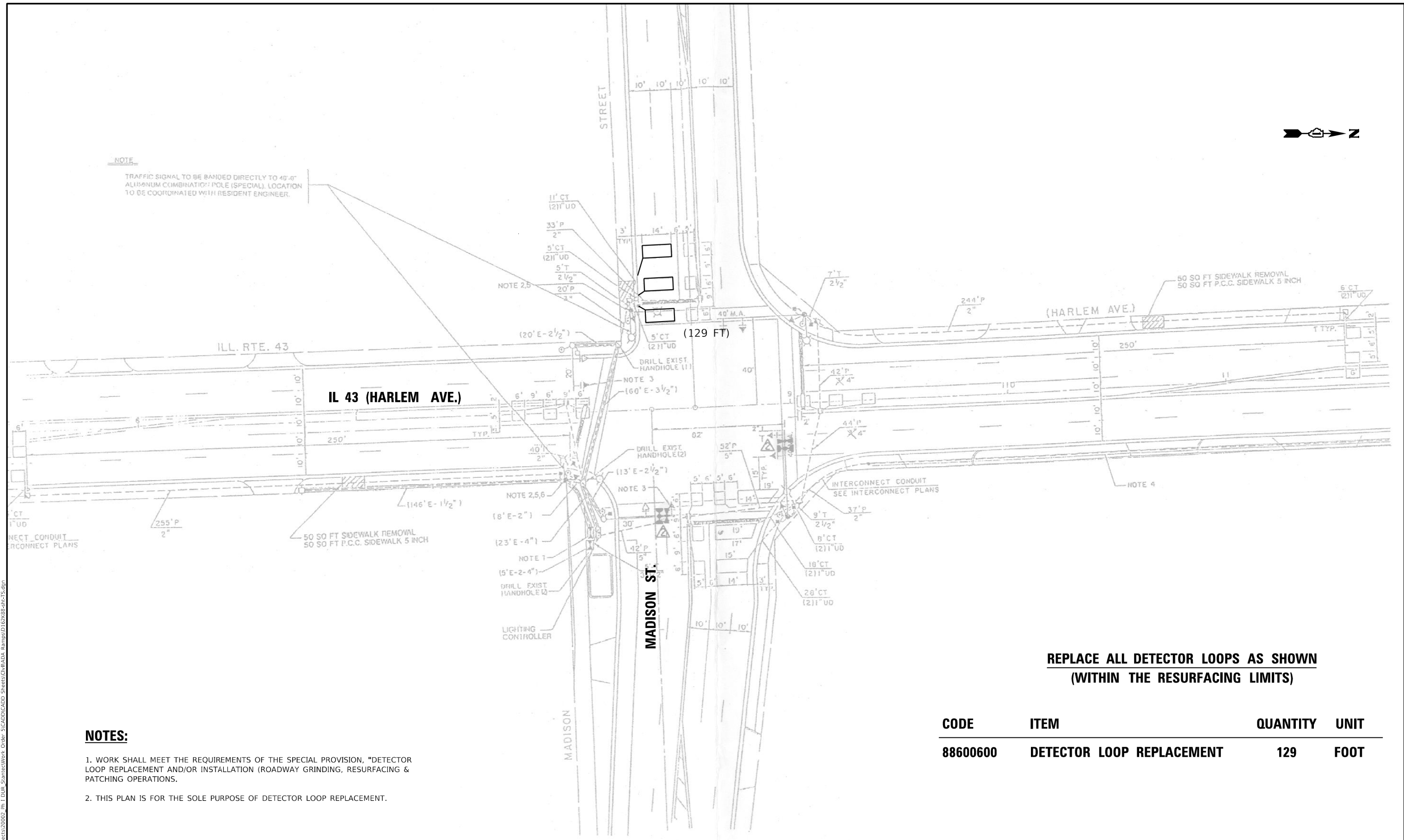
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETECTOR LOOP REPLACEMENT PLAN			
IL 43 (HARLEM AVE.) AT JACKSON BLVD.			
SCALE: 1"=20'	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	73
CONTRACT NO. 62K88				
ILLINOIS FED. AID PROJECT				



NOTE
TRAFFIC SIGNAL TO BE BANNED DIRECTLY TO 40'-0" ALUMINUM COMBINATION POLE (SPECIAL). LOCATION TO BE COORDINATED WITH RESIDENT ENGINEER.



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

NOTES:

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

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	129	FOOT

TS 2370

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN
IL 43 (HARLEM AVE.) AT MADISON ST.**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	74
CONTRACT NO. 62K88				
ILLINOIS FED. AID PROJECT				

TRAFFIC SIGNAL LEGEND

(NOT TO SCALE)

ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED	ITEM	EXISTING	PROPOSED
CONTROLLER CABINET			HANDHOLE -SQUARE -ROUND			SIGNAL HEAD -(P) PROGRAMMABLE SIGNAL HEAD		
COMMUNICATION CABINET			HEAVY DUTY HANDHOLE -SQUARE -ROUND			SIGNAL HEAD WITH BACKPLATE -(P) PROGRAMMABLE SIGNAL HEAD -(RB) RETROREFLECTIVE BACKPLATE		
MASTER CONTROLLER			DOUBLE HANDHOLE			PEDESTRIAN SIGNAL HEAD AT RAILROAD INTERSECTIONS		
MASTER MASTER CONTROLLER			JUNCTION BOX			PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER		
UNINTERRUPTABLE POWER SUPPLY			RAILROAD CANTILEVER MAST ARM			ILLUMINATED SIGN "NO LEFT TURN"/"NO RIGHT TURN"		
SERVICE INSTALLATION -(P) POLE MOUNTED			RAILROAD FLASHING SIGNAL			NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE. ALL DETECTOR LOOP CABLE TO BE SHIELDED		
SERVICE INSTALLATION -(G) GROUND MOUNTED -(GM) GROUND MOUNTED METERED			RAILROAD CROSSING GATE			GROUND CABLE IN CONDUIT, NO. 6 SOLID COPPER (GREEN)		
TELEPHONE CONNECTION			RAILROAD CROSSBUCK			ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1/C		
STEEL MAST ARM ASSEMBLY AND POLE			RAILROAD CONTROLLER CABINET			COAXIAL CABLE		
ALUMINUM MAST ARM ASSEMBLY AND POLE			UNDERGROUND CONDUIT (UC), GALVANIZED STEEL			VENDOR CABLE		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE			TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE			COPPER INTERCONNECT CABLE, NO. 18, 3 PAIR TWISTED, SHIELDED		
SIGNAL POST -(BM) BARREL MOUNTED - TEMPORARY			SYSTEM ITEM			FIBER OPTIC CABLE -NO. 62.5/125, MM12F -NO. 62.5/125, MM12F SM12F -NO. 62.5/125, MM12F SM24F		
WOOD POLE			INTERSECTION ITEM			GROUND ROD -(C) CONTROLLER -(M) MAST ARM -(P) POST -(S) SERVICE		
GUY WIRE			REMOVE ITEM					
SIGNAL HEAD			RELOCATE ITEM					
SIGNAL HEAD WITH BACKPLATE			ABANDON ITEM					
SIGNAL HEAD OPTICALLY PROGRAMMED			CONTROLLER CABINET AND FOUNDATION TO BE REMOVED					
FLASHER INSTALLATION -(FS) SOLAR POWERED			MAST ARM POLE AND FOUNDATION TO BE REMOVED					
PEDESTRIAN SIGNAL HEAD			SIGNAL POST AND FOUNDATION TO BE REMOVED					
PEDESTRIAN PUSH BUTTON -(APS) ACCESSIBLE PEDESTRIAN PUSH BUTTON			DETECTOR LOOP, TYPE I					
RADAR DETECTION SENSOR			PREFORMED DETECTOR LOOP					
VIDEO DETECTION CAMERA			SAMPLING (SYSTEM) DETECTOR					
RADAR/VIDEO DETECTION ZONE			INTERSECTION AND SAMPLING (SYSTEM) DETECTOR					
PAN, TILT, ZOOM (PTZ) CAMERA			QUEUE AND SAMPLING (SYSTEM) DETECTOR					
EMERGENCY VEHICLE LIGHT DETECTOR			WIRELESS DETECTOR SENSOR					
CONFIRMATION BEACON			WIRELESS ACCESS POINT					
WIRELESS INTERCONNECT								
WIRELESS INTERCONNECT RADIO REPEATER								

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

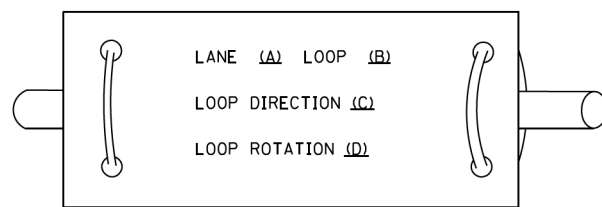
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TS-05		CONTRACT NO. 62K88		
ILLINOIS FED. AID PROJECT				

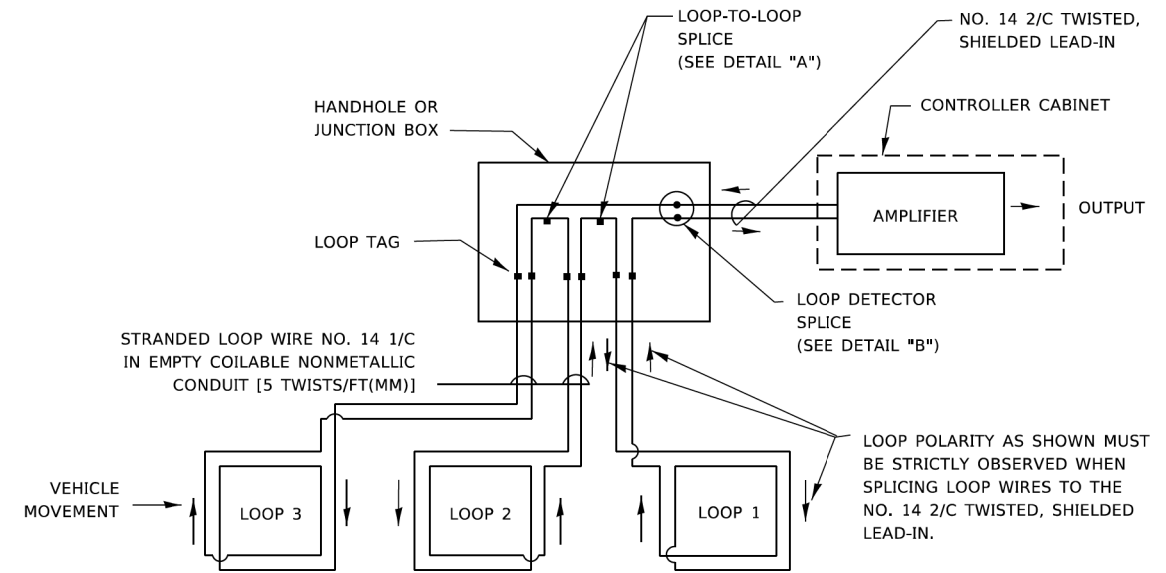
LOOP DETECTOR NOTES

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.
2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.
3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.
5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND 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

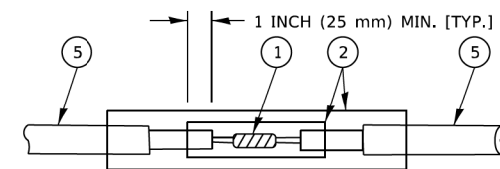


- A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY
- B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.
- C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".
- D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

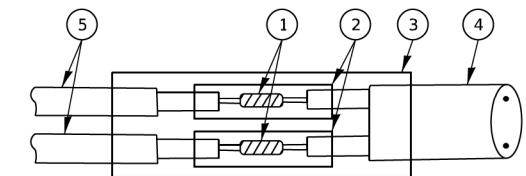


DETECTOR LOOP WIRING SCHEMATIC

- 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.

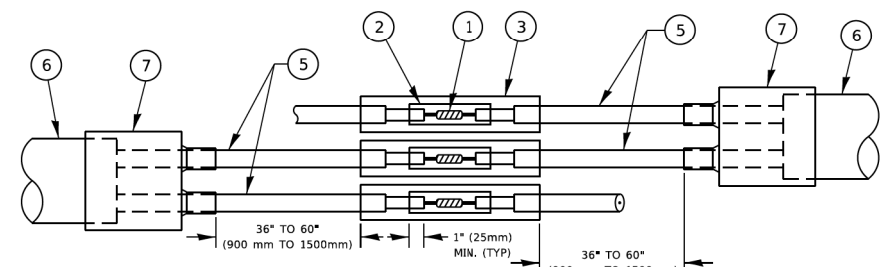


DETAIL "A"
LOOP-TO-LOOP SPLICE

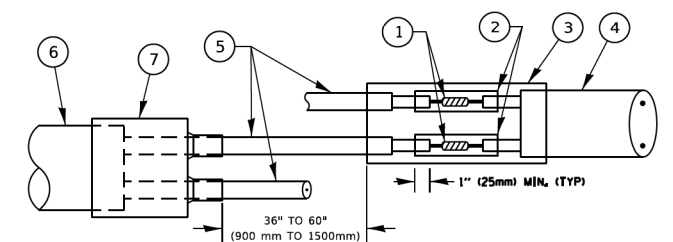


DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

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

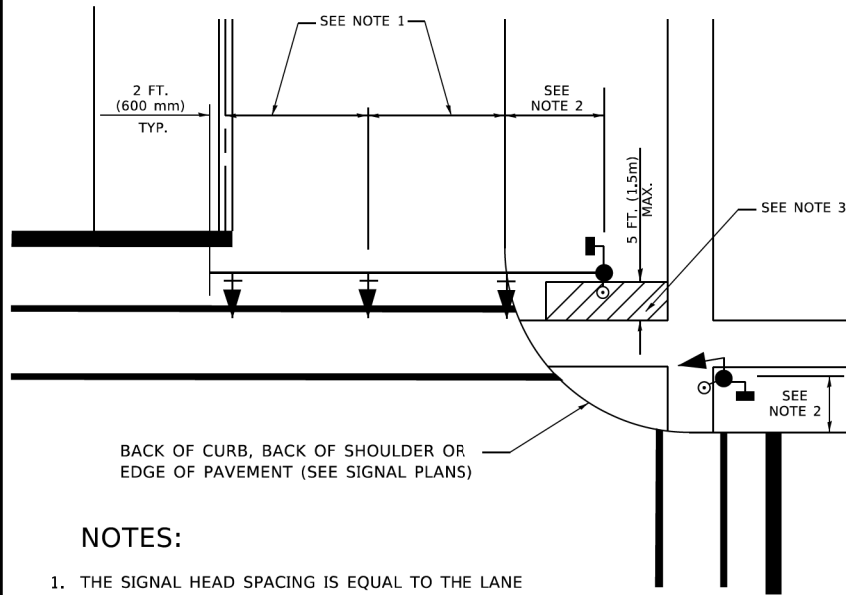
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	76
TS-05			CONTRACT NO. 62K88	
ILLINOIS FED. AID PROJECT				

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	DATE -	REVISED -

TRAFFIC SIGNAL MAST ARM AND SIGNAL POST

MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.

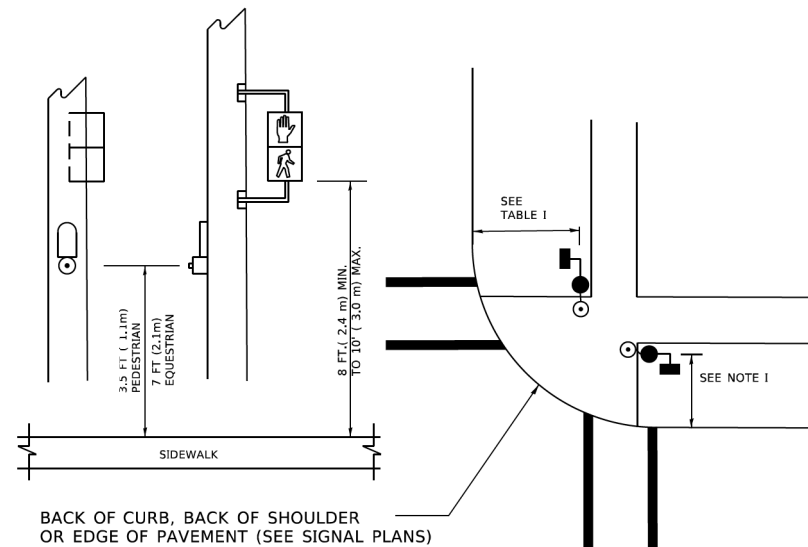


BACK OF CURB, BACK OF SHOULDER OR EDGE OF PAVEMENT (SEE SIGNAL PLANS)

NOTES:

1. THE SIGNAL HEAD SPACING IS EQUAL TO THE LANE WIDTH OR AS SHOWN ON THE TRAFFIC SIGNAL PLAN.
2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
3. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE MAST ARM SHAFT OR THE SIGNAL POST.
4. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
5. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST

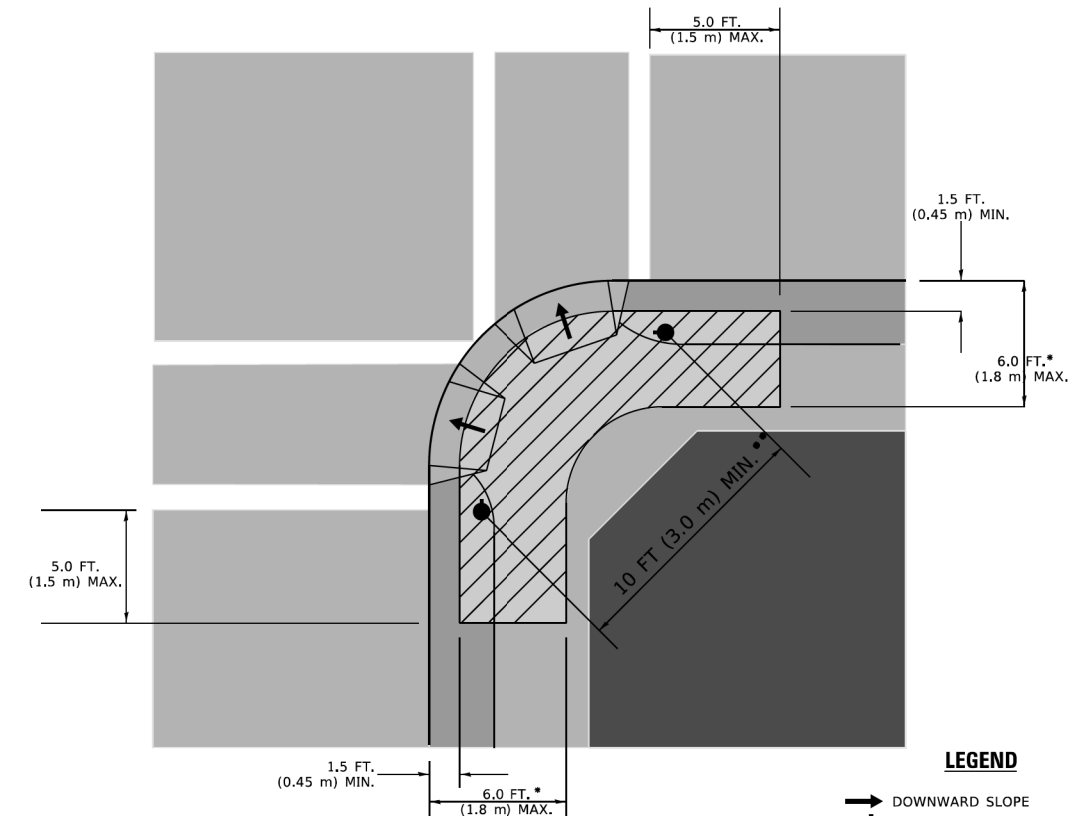


BACK OF CURB, BACK OF SHOULDER OR EDGE OF PAVEMENT (SEE SIGNAL PLANS)

NOTES:

1. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
2. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE PEDESTRIAN SIGNAL POST OR THE PEDESTRIAN PUSH BUTTON POST.
3. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
4. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

RECOMMENDED PUSHBUTTON LOCATIONS



LEGEND

- DOWNWARD SLOPE
- PEDESTRIAN PUSHBUTTON
- RECOMMENDED PUSHBUTTON LOCATIONS

- * WHERE THERE ARE CONSTRAINTS THAT MAKE IT IMPRACTICAL TO PLACE THE PEDESTRIAN PUSHBUTTON BETWEEN 1.5 FT (0.45 m) AND 6 FT (1.8 m) FROM THE EDGE OF THE CURB, SHOULDER, OR PAVEMENT, IT SHOULD NOT BE FURTHER THAN 10 FT (3 m) FROM THE EDGE OF CURB, SHOULDER, OR PAVEMENT.
- ** WHERE THERE ARE CONSTRAINTS ON A PARTICULAR CORNER THAT MAKE IT IMPRACTICAL TO PROVIDE THE 10 FT (3 m) SEPERATION BETWEEN THE TWO PEDESTRIAN PUSHBUTTONS, THE PUSHBUTTONS MAY BE PLACED CLOSER TOGETHER OR ON THE SAME POLE.

NOTES:

1. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 8 FT (2.4 m) OR MORE THAN 10 FT (3 m) ABOVE SIDEWALK LEVEL, AND SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
2. THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) OF A VEHICULAR SIGNAL FACE THAT IS NOT LOCATED OVER A HIGHWAY SHALL BE AT LEAST 8 FT (2.4 m) BUT NOT MORE THAN 19 FT (5.8 m) ABOVE THE SIDEWALK OR, IF THERE IS NO SIDEWALK, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE ROADWAY.
3. THE BOTTOM OF THE SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001, 877002, 877006, 877011 AND 877012 WITH A MINIMUM OF 16 FT (5.0 m) AND A MAXIMUM OF 18 FT. (5.5 m) FROM THE HIGHEST POINT OF PAVEMENT.
4. THE BOTTOM OF THE TEMPORARY SPAN WIRE MOUNTED SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARD 880001 WITH A MINIMUM OF 17 FT (5.18 m) FROM THE HIGHEST POINT OF PAVEMENT.
5. THE TOP OF THE SIGNAL HOUSING OF A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL NOT BE MORE THAN 25.6 FT (7.8 m) ABOVE THE PAVEMENT.

TRAFFIC SIGNAL EQUIPMENT OFFSET

TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MINIMUM DISTANCE FROM BACK OF CURB TO CENTERLINE OF FOUNDATION)	SHOULDER/NON-CURBED AREA (MINIMUM DISTANCE FROM EDGE OF PAVEMENT TO CENTERLINE OF FOUNDATION)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN PUSHBUTTON POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TEMPORARY WOOD POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
CONTROLLER CABINET	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.
SERVICE INSTALLATION, GROUND MOUNT	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.

NOTES:

1. CONTACT THE "AREA TRAFFIC SIGNAL MAINTENANCE AND OPERATIONS ENGINEER" FOR ASSISTANCE IN LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS WITH DITCHES OR THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
2. MINIMUM DISTANCE FROM THE BACK OF CURB TO THE ROADWAY SIDE OF THE FOUNDATION.
3. MINIMUM DISTANCE FROM THE EDGE OF PAVEMENT TO THE ROADWAY SIDE OF THE FOUNDATION.
4. ANY CHANGES TO THE OFFSETS OF THE FOUNDATIONS, FROM THE MINIMUM DISTANCES LISTED IN THE "TRAFFIC SIGNAL EQUIPMENT OFFSET" CHART AND THE TRAFFIC SIGNAL INSTALLATION PLAN, COULD EFFECT THE PLACEMENT OF THE SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS AND THE PEDESTRIAN PUSHBUTTONS. THE SIGNAL HEAD PLACEMENT ON THE MAST ARMS SHALL REMAIN AS PER THE TRAFFIC SIGNAL INSTALLATION PLAN AND THE "TRAFFIC SIGNAL MAST ARM AND SIGNAL POST" DETAIL ABOVE. THE PROPOSED MAST ARM LENGTHS MAY NEED TO BE REVISED TO MEET THE ABOVE REQUIREMENTS. THE PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS MUST MEET THE REQUIREMENTS UNDER THE DETAILS ON THIS SHEET.

MODEL: TS_3
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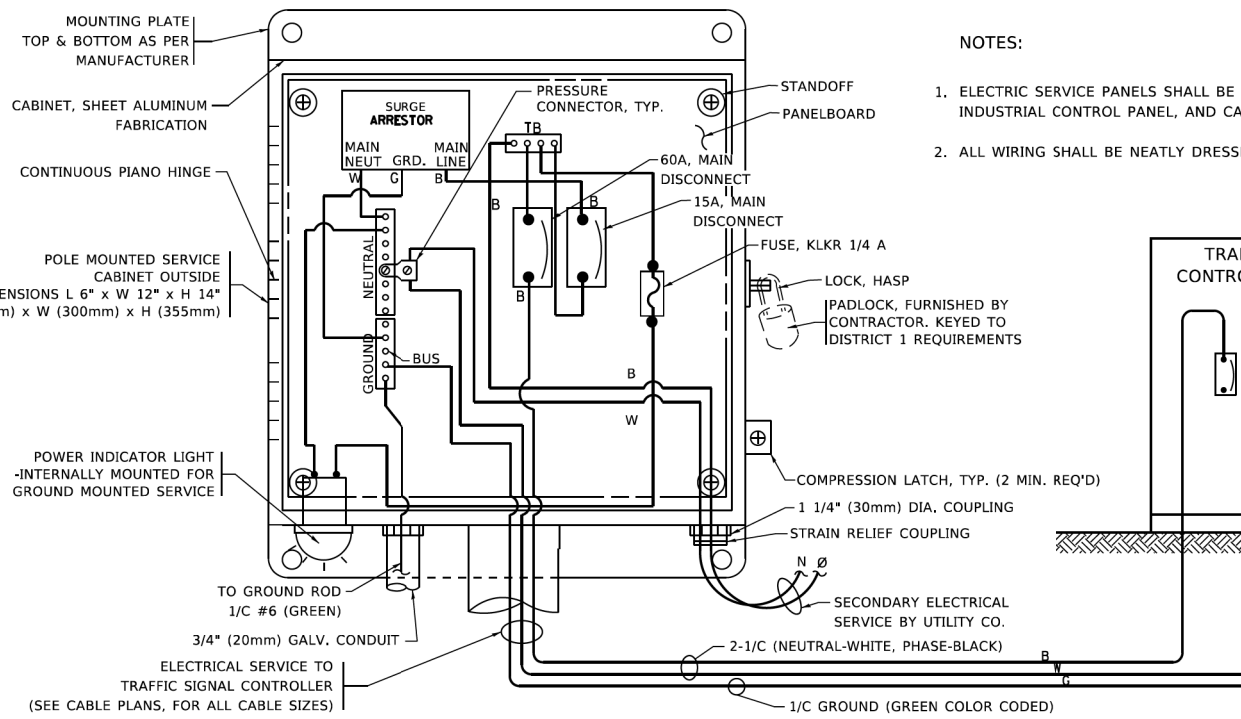
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	DRAWN -	REVISED -
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PLOT DATE = 1/21/2021	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

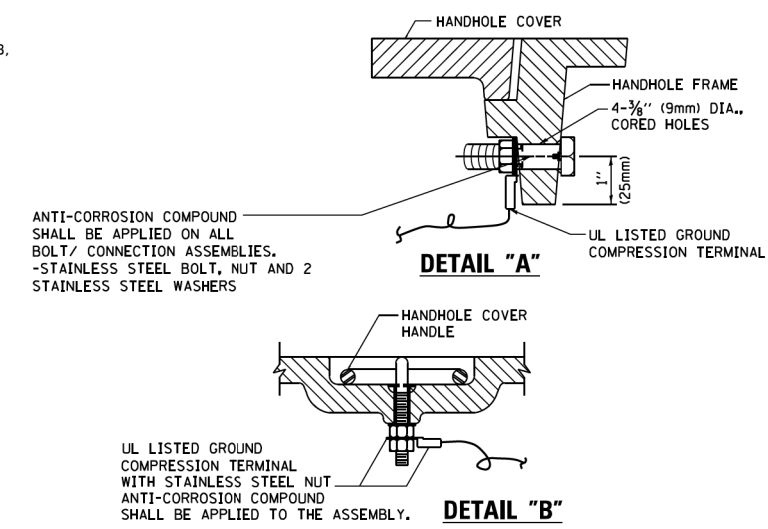
**DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS**

SCALE: NONE SHEET 3 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	77
TS-05		CONTRACT NO. 62K88		
ILLINOIS FED. AID PROJECT				

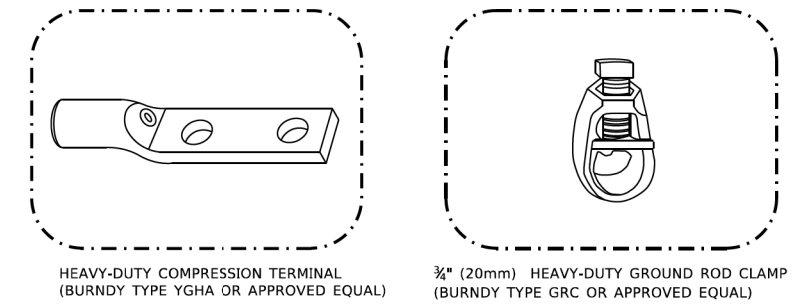


ELECTRICAL SERVICE – PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)
SERVICE INSTALLATION POLE MOUNT (SHOWN)
 (NOT TO SCALE)



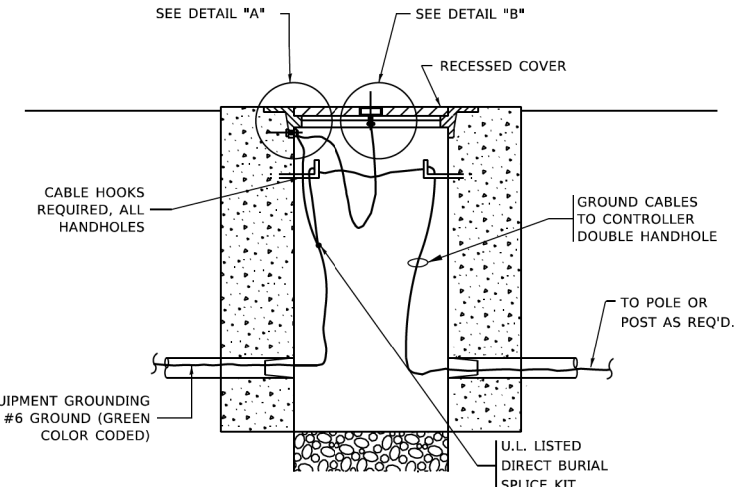
NOTES:
GROUNDING SYSTEM

- THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE (HANDHOLE, POST, MAST ARM, CONTROLLER, ETC.). GROUND ROD SHALL BE 3/4" DIA. x 10'-0" (20mm x 3.0m) LONG, COPPER CLAD. ONE GROUND ROD SHALL BE INSTALLED AT ALL POST FOUNDATIONS, POLE FOUNDATIONS, CONTROLLER CABINET FOUNDATION AND ELECTRICAL SERVICE INSTALLATION AS INDICATED ON THE CABLE PLAN. IF THERE ARE ANY SPECIAL CONDITIONS SUCH AS SUB-SURFACE CONDITIONS OR INSTALLATION PROBLEMS, THE RESIDENT ENGINEER SHALL BE NOTIFIED OR CONTACT THE BUREAU OF TRAFFIC, ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE AT (847) 705-4139.
- THE NEUTRAL CONDUCTOR AND THE GROUND CONDUCTOR SHALL BE CONNECTED IN THE SERVICE INSTALLATION. AT NO OTHER POINT IN THE TRAFFIC SIGNAL SYSTEM SHALL THE NEUTRAL AND GROUND CONDUCTORS BE CONNECTED.
- ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
- THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.



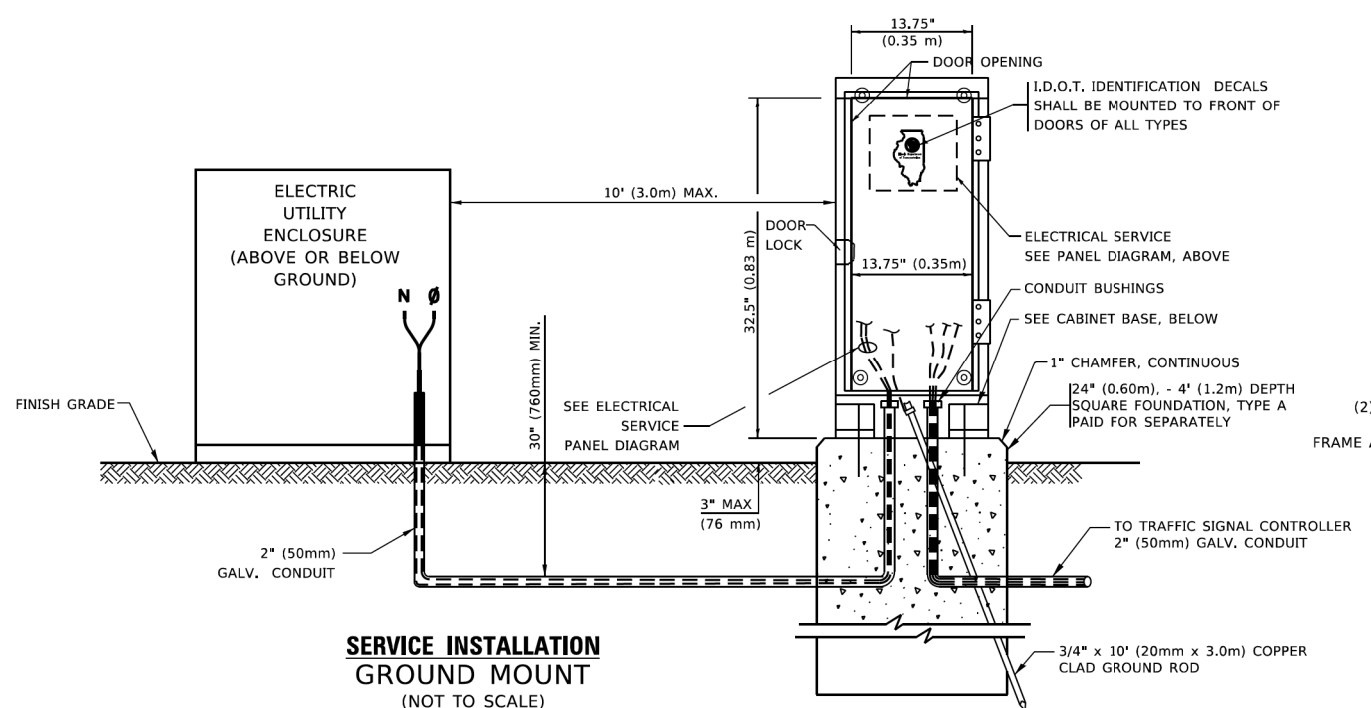
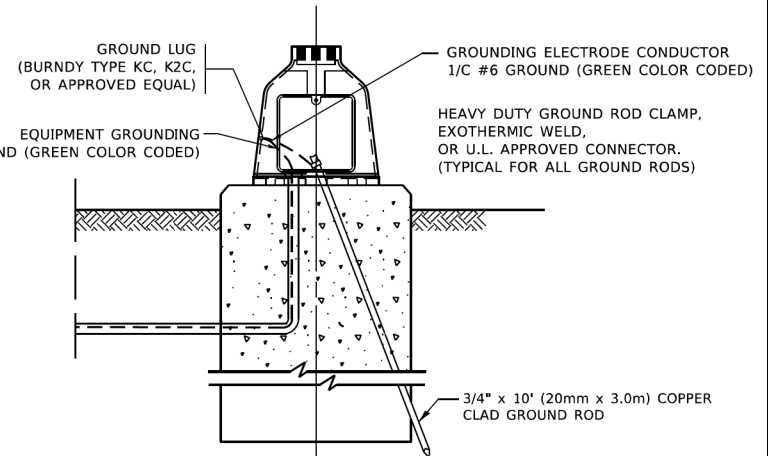
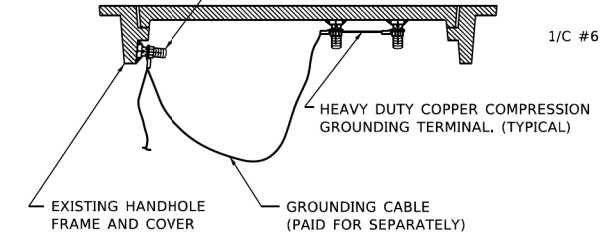
NOTES:

- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
- GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES. 6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES. 13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES. 5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.



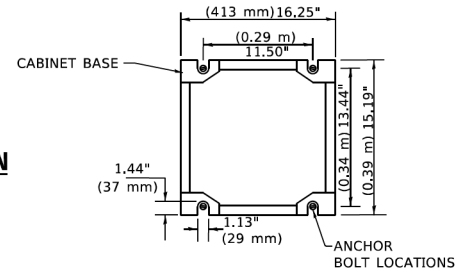
(2) 1/2" x 1 1/4" STAINLESS STEEL BOLT WITH SPLIT LOCK WASHER AND NYLON INSERT LOCKOUT WELDED TO FRAME AND TO COVER. (TYPICAL). ANTI-CORROSION COMPOUND SHALL BE APPLIED TO EACH ASSEMBLY.

EXISTING HANDHOLE COVER & FRAME – GROUNDING DETAIL
 (NOT TO SCALE)



SERVICE INSTALLATION GROUND MOUNT
 (NOT TO SCALE)

CABINET – BASE BOLT PATTERN
 (NOT TO SCALE)



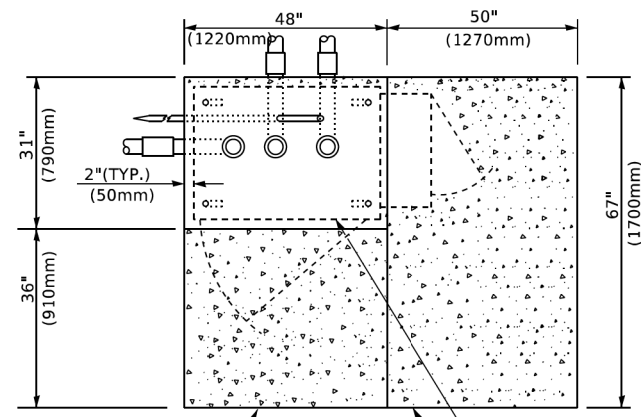
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

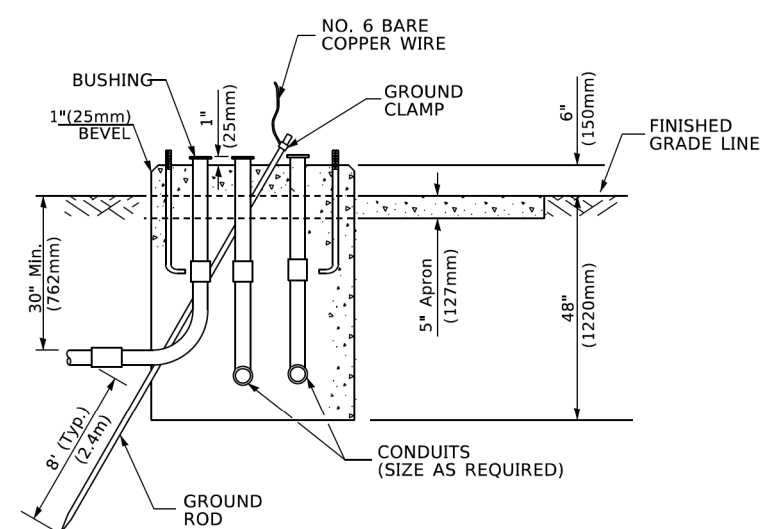
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	78
TS-05		CONTRACT NO. 62K88		
ILLINOIS FED. AID PROJECT				

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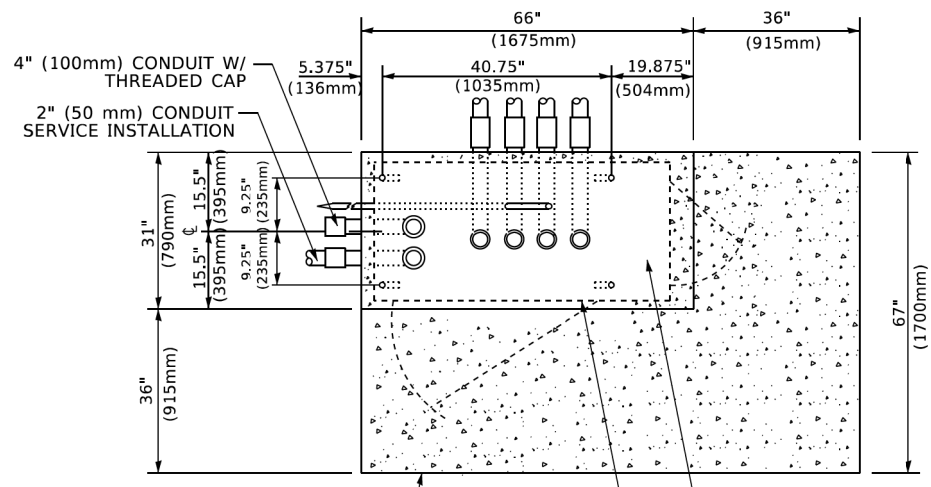
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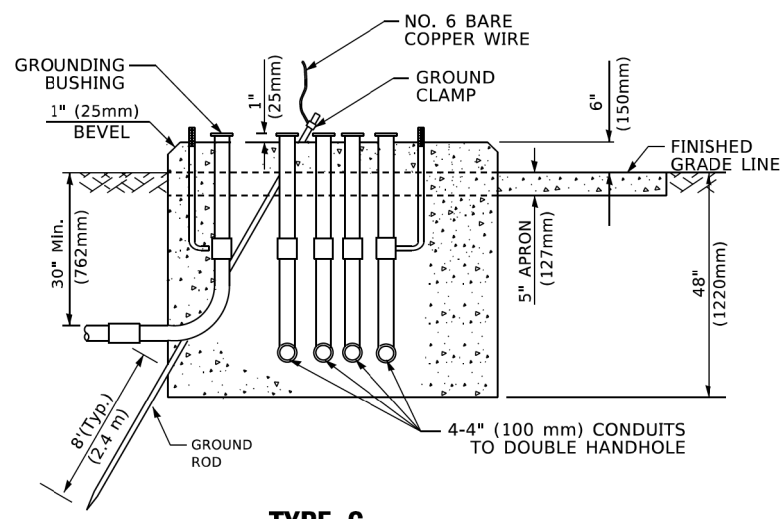
TOP VIEW



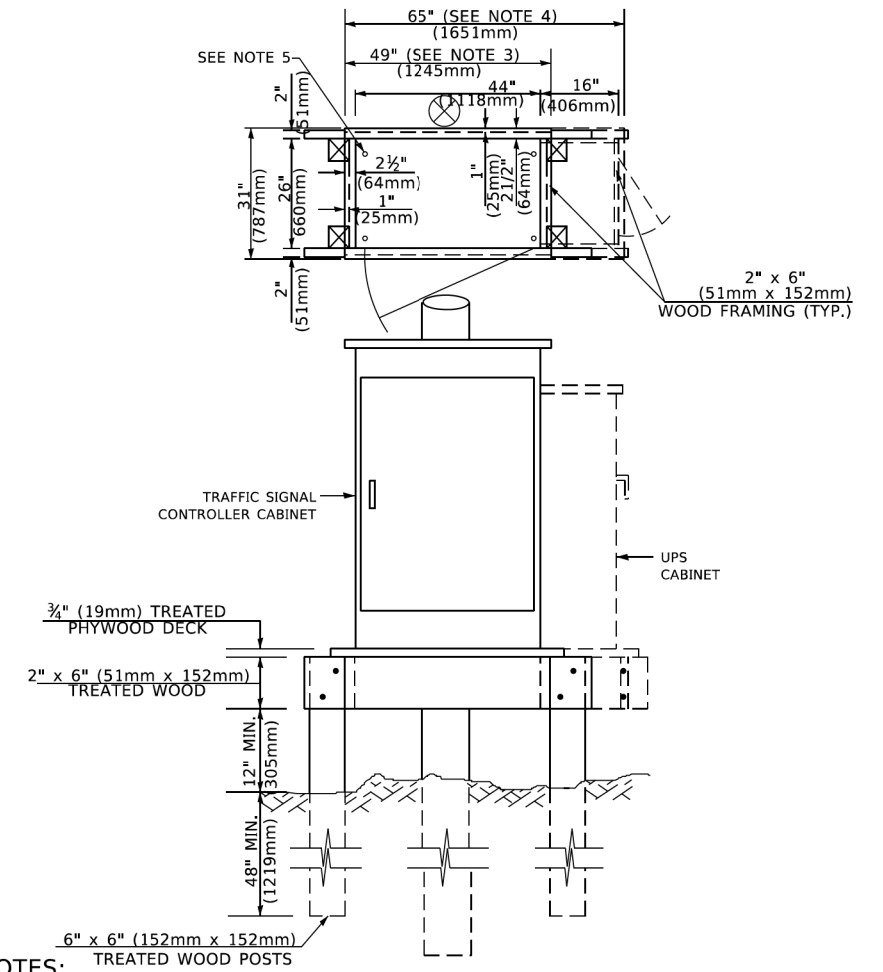
**TYPE D
FOR GROUND MOUNTED
CONTROLLER CABINET
AND UPS BATTERY CABINET**



TOP VIEW



**TYPE C
FOR GROUND MOUNTED
SUPER P (TYPE IV) AND SUPER R (TYPE V)
CONTROLLER CABINETS**



- NOTES:**
1. BASED ON CONTROLLER CABINET TYPE IV WITH BASE DIMENSIONS OF 26" x 44" (660mm x 1118mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
 2. BASED ON UNINTERRUPTIBLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" x 25" (406mm x 635mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
 3. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV.
 4. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV AND UNINTERRUPTIBLE POWER SUPPLY CABINET.
 5. DRILLED HOLES THROUGH THE PLATFORM BASE TO MATCH THE CONTROLLER CABINET BOLT TEMPLATE. FASTEN THE CONTROLLER CABINET TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS AND NUTS.
 6. FASTEN ALL SUPPORT WOOD FRAMING TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION..

**TEMPORARY SIGNAL CONTROLLER
WOOD SUPPORT PLATFORM**

CABLE SLACK LENGTH	FEET	METER
HANDHOLE	6.5	2.0
DOUBLE HANDHOLE	13.0	4.0
SIGNAL POST	2.0	0.6
MAST ARM	2.0	0.6
CONTROLLER CABINET	1.5	0.5
FIBER OPTIC AT CABINET	13.0	4.0
ELECTRIC SERVICE AT (CABINET OR SERVICE LOCATION)	1.5	0.5
GROUND CABLE (SIGNAL POST, MAST ARM, CABINET)	1.5	0.5
GROUND CABLE (BETWEEN FRAME AND COVER)	5.0	1.6

CABLE SLACK

VERTICAL CABLE LENGTH	FEET	METER
MAST ARM POLE (MAST ARM MOUNTED SIGNAL HEAD) (L = MAST ARM LENGTH - DISTANCE TO SIGNAL HEAD FROM END OF ARM)	20.0+L	6.0+L
BRACKET MOUNTED (MAST ARM POLE OR SIGNAL POLE)	13.0	4.0
PEDESTRIAN PUSH BUTTON	6.0	2.0
SERVICE INSTALLATION POLE MOUNT TO SERVICE DROP	13.5	4.1
SERVICE INSTALLATION POLE MOUNT TO GROUND	13.5	4.1
SERVICE INSTALLATION GROUND MOUNT	6.0	2.0
FOUNDATION (SIGNAL POST, MAST ARM POLE, CONTROLLER CABINET, SERVICE-GROUND MOUNT)	3.0	1.0

VERTICAL CABLE LENGTH

FOUNDATION	DEPTH
TYPE A - Signal Post	4'-0" (1.2m)
TYPE C - CONTROLLER W/ UPS	4'-0" (1.2m)
TYPE D - CONTROLLER	4'-0" (1.2m)
SERVICE INSTALLATION, GROUND MOUNT, TYPE A - SQUARE	4'-0" (1.2m)

DEPTH OF FOUNDATION

MAST ARM LENGTH	① FOUNDATION DEPTH	FOUNDATION DIAMETER	SPIRAL DIAMETER	QUANTITY OF REBARS	SIZE OF REBARS
Less than 30' (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 55' (16.8 m) and less than 65' (19.8 m)	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 65' (19.8 m) and up to 75' (22.9 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
Greater than or equal to 75' (22.9 m)	25'-0" (7.6 m)	42" (1060mm)	36" (900mm)	16	8(25)

- NOTES:**
1. These foundation depths are for sites which have cohesive soils (clayey silt, sandy clay, etc.) along the length of the shaft, with an average unconfined compressive strength (Qu) > 1.0 tsf (100 kpa). This strength shall be verified by boring data prior to construction or with testing by the Engineer during foundation drilling. The Bureau of Bridges & Structures should be contacted for a revised design if other conditions are encountered.
 2. Combination mast arm assemblies under 55 feet (16.8 m) shall use 36" (900 mm) diameter foundations.
 3. Combination mast arm assemblies under 56 feet (16.8 m) through 75 feet (22.9 m) shall use 42" (1060 mm) diameter foundations.
 4. For mast arm assemblies with dual arms refer to state standard 878001..

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

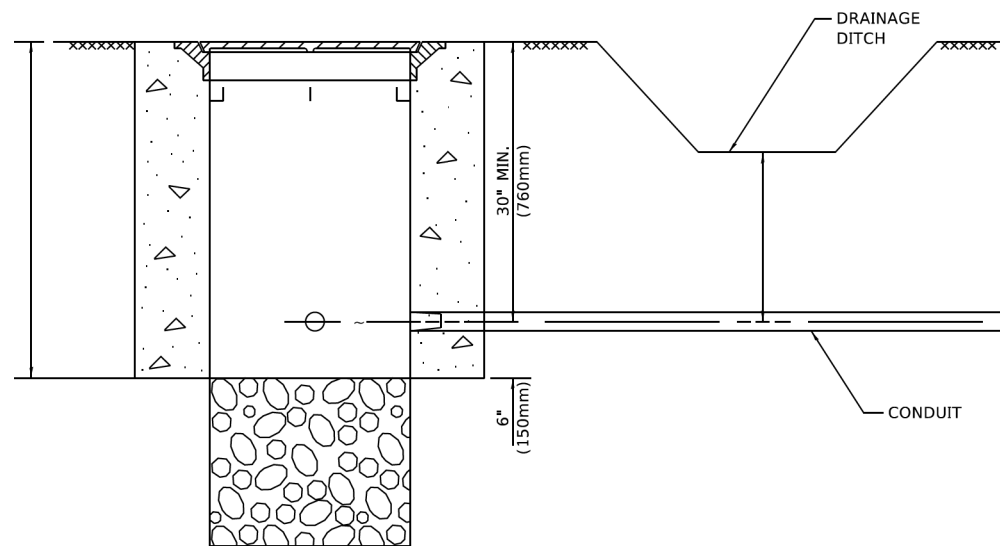
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DISTRICT ONE	
STANDARD TRAFFIC SIGNAL DESIGN DETAILS	
SCALE: NONE	SHEET 5 OF 7 SHEETS STA. TO STA.

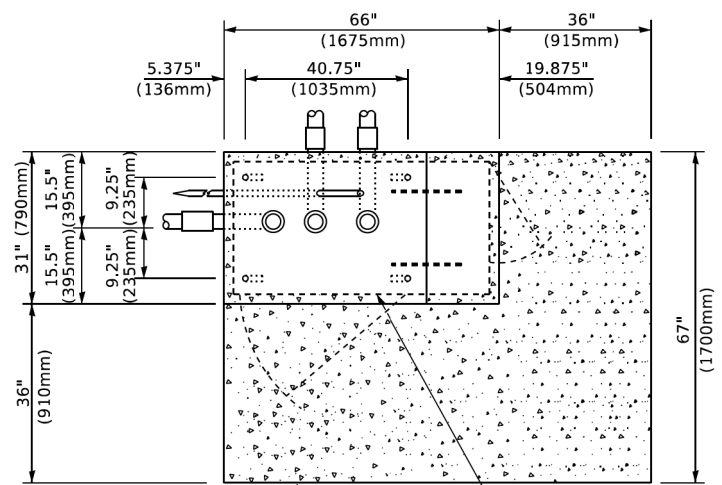
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	79
TS-05		CONTRACT NO. 62K88		
ILLINOIS FED. AID PROJECT				



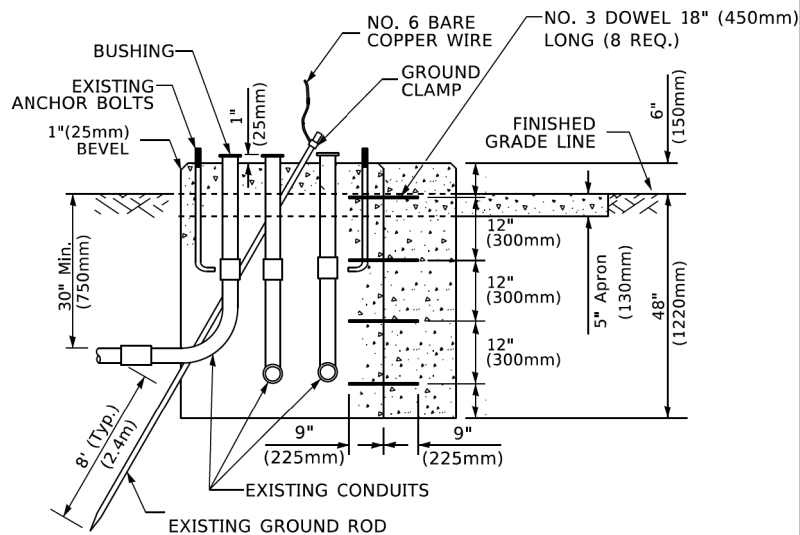
NOTES:

1. CONDUIT DEPTH SHALL BE A MINIMUM OF 30" (760mm) BELOW THE BOTTOM OF THE DRAINAGE DITCH OR ANY SLOPING GROUND
2. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL CONDUIT PLACED UNDER ROADWAY PAVEMENT, MULTI-USE PATHS, SIDEWALKS AND SOIL SURFACES.
3. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL HANDHOLES, HEAVY DUTY HANDHOLES AND DOUBLE HANDHOLES.

HANDHOLE WITH MINIMUM CONDUIT DEPTH
(NOT TO SCALE)



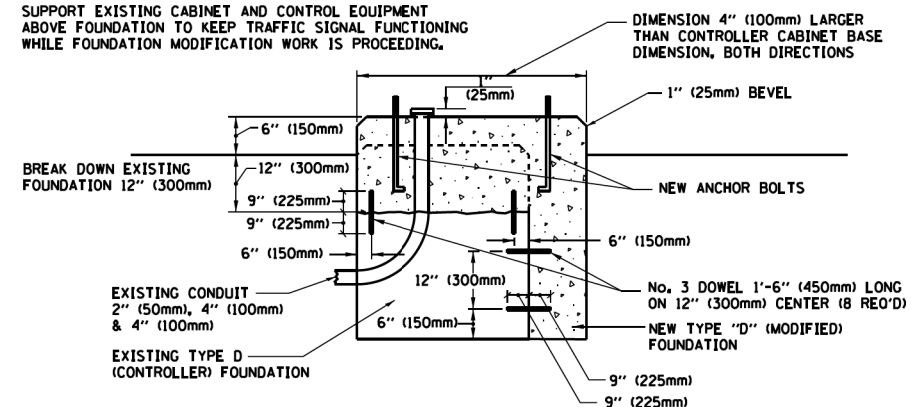
TOP VIEW
(NOT TO SCALE)



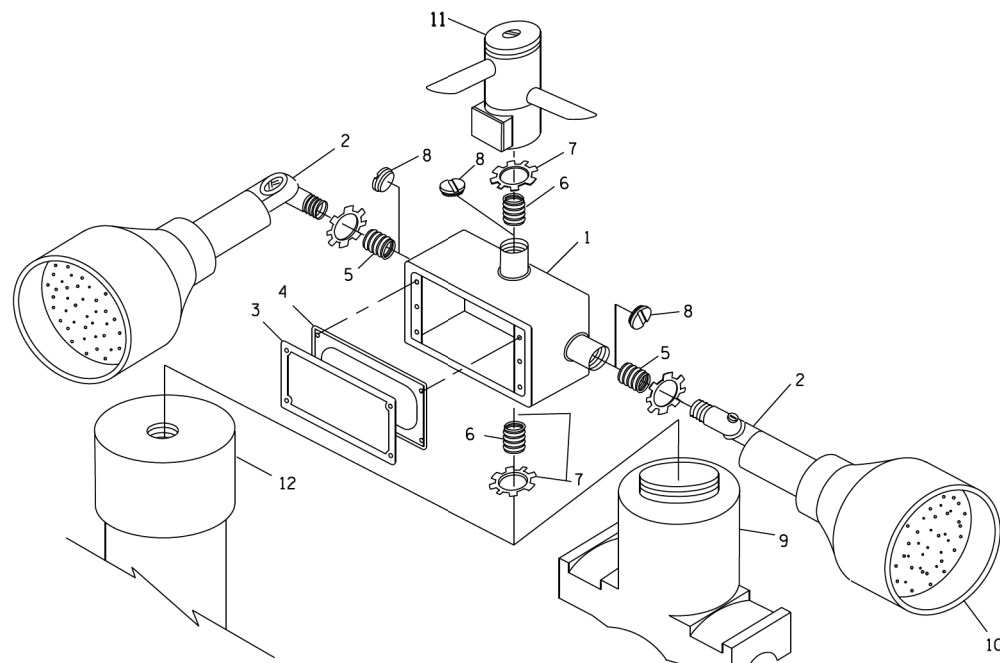
MODIFY EXISTING TYPE "D" FOUNDATION TO TYPE "C" FOUNDATION
(NOT TO SCALE)

NOTE:

SUPPORT EXISTING CABINET AND CONTROL EQUIPMENT ABOVE FOUNDATION TO KEEP TRAFFIC SIGNAL FUNCTIONING WHILE FOUNDATION MODIFICATION WORK IS PROCEEDING.



MODIFY EXISTING TYPE "D" FOUNDATION

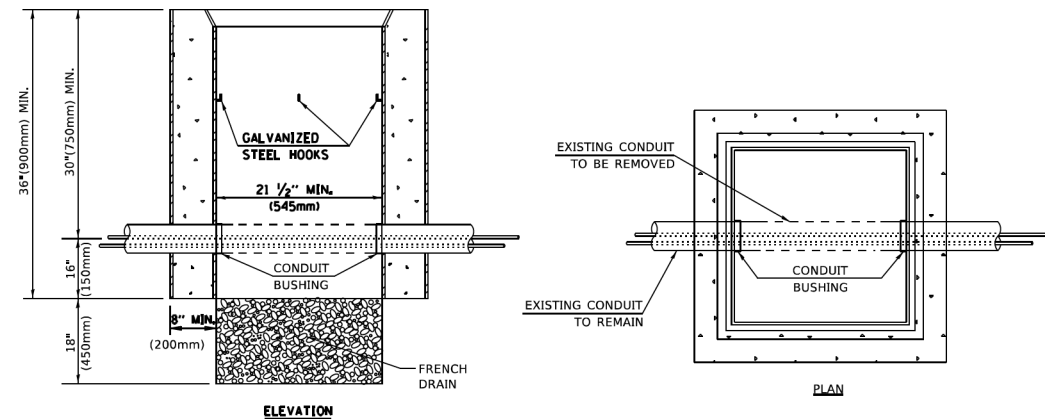


POST CAP MOUNT **MAST ARM MOUNT**
EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL

ITEM NO.	IDENTIFICATION
1	OUTLET BOX- GALV. 21 CU.IN. (0.000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	3/4" (19 mm) CLOSE NIPPLE
7	3/4" (19 mm) LOCKNUT
8	3/4" (19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT
12	POST CAP [18 FT. (5.4 m) POST MIN.]

NOTES:

1. ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
2. ITEM #1- OZ/GEDNEY FSX-1-50 OR EQUIVALENT
ITEM #2- MULBERRY CON-O-SHADE LAMP SHIELD OR EQUIVALENT
ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT
3. WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT BE REQUIRED. THE DETECTION UNIT SHALL BE MOUNTED DIRECTLY ON TOP OF THE CAP BY DRILLING AND TAPPING A 3/4" (19 mm) HOLE WITH PIPE THREADS. THE POST CAP SHALL EITHER BE SCREWED TO THE TOP OF THE POST OR A MINIMUM OF 3 TIGHTENING SCREWS SHALL BE REQUIRED ON EACH CAP.



NOTES:

1. HANDHOLE CONSTRUCTED PER STATE STANDARD 814001.
2. REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCLUDED WITH THE COST OF THE HANDHOLE.

HANDHOLE TO INTERCEPT EXISTING CONDUIT

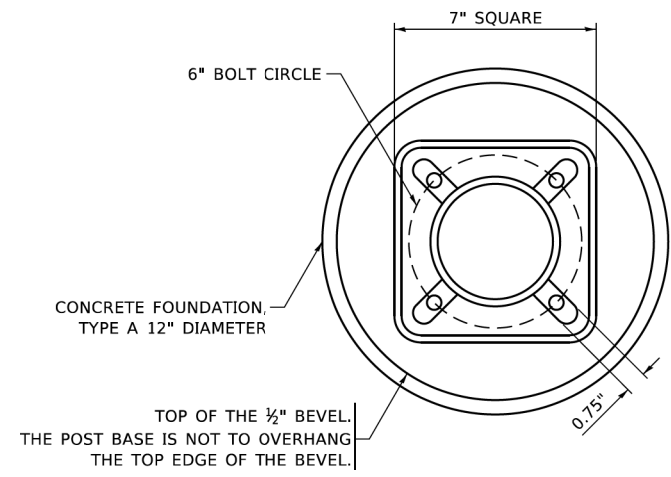
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

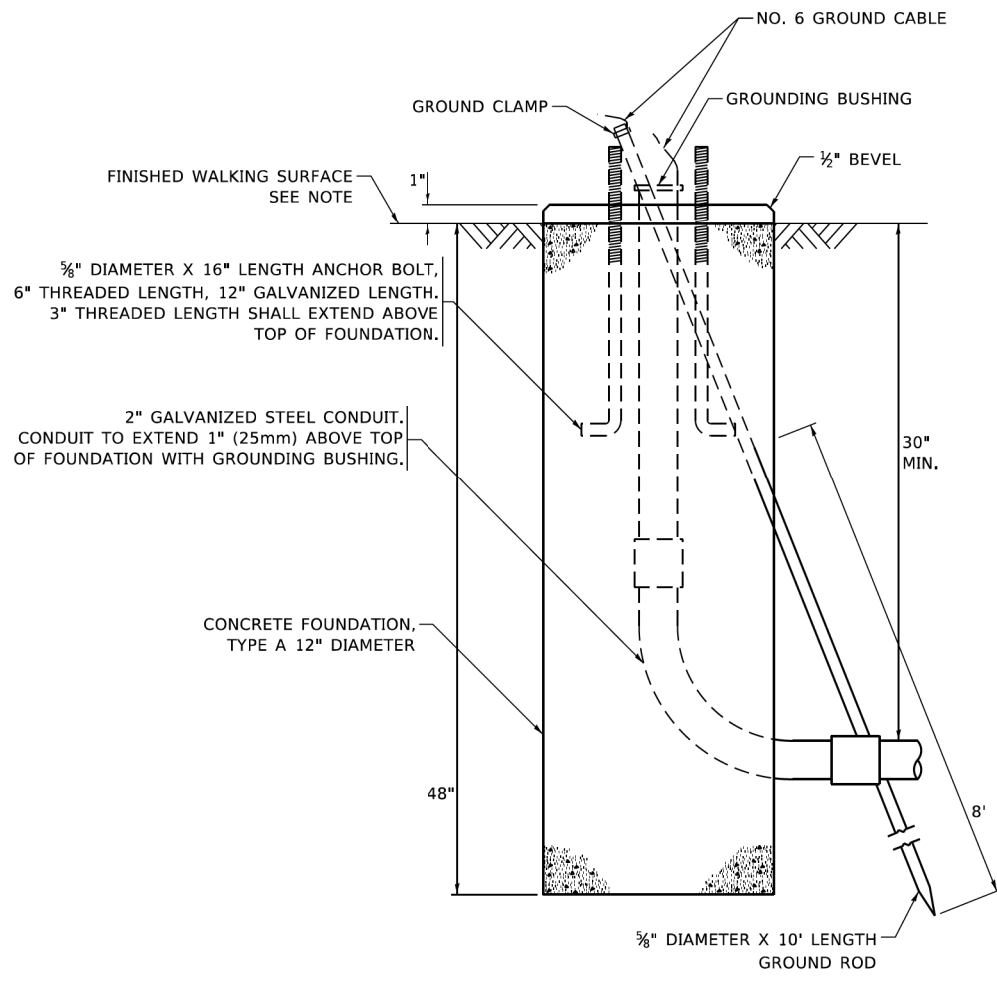
DISTRICT ONE	
STANDARD TRAFFIC SIGNAL DESIGN DETAILS	
SCALE: NONE	SHEET 6 OF 7 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	80
TS-05		CONTRACT NO. 62K88		
ILLINOIS FED. AID PROJECT				

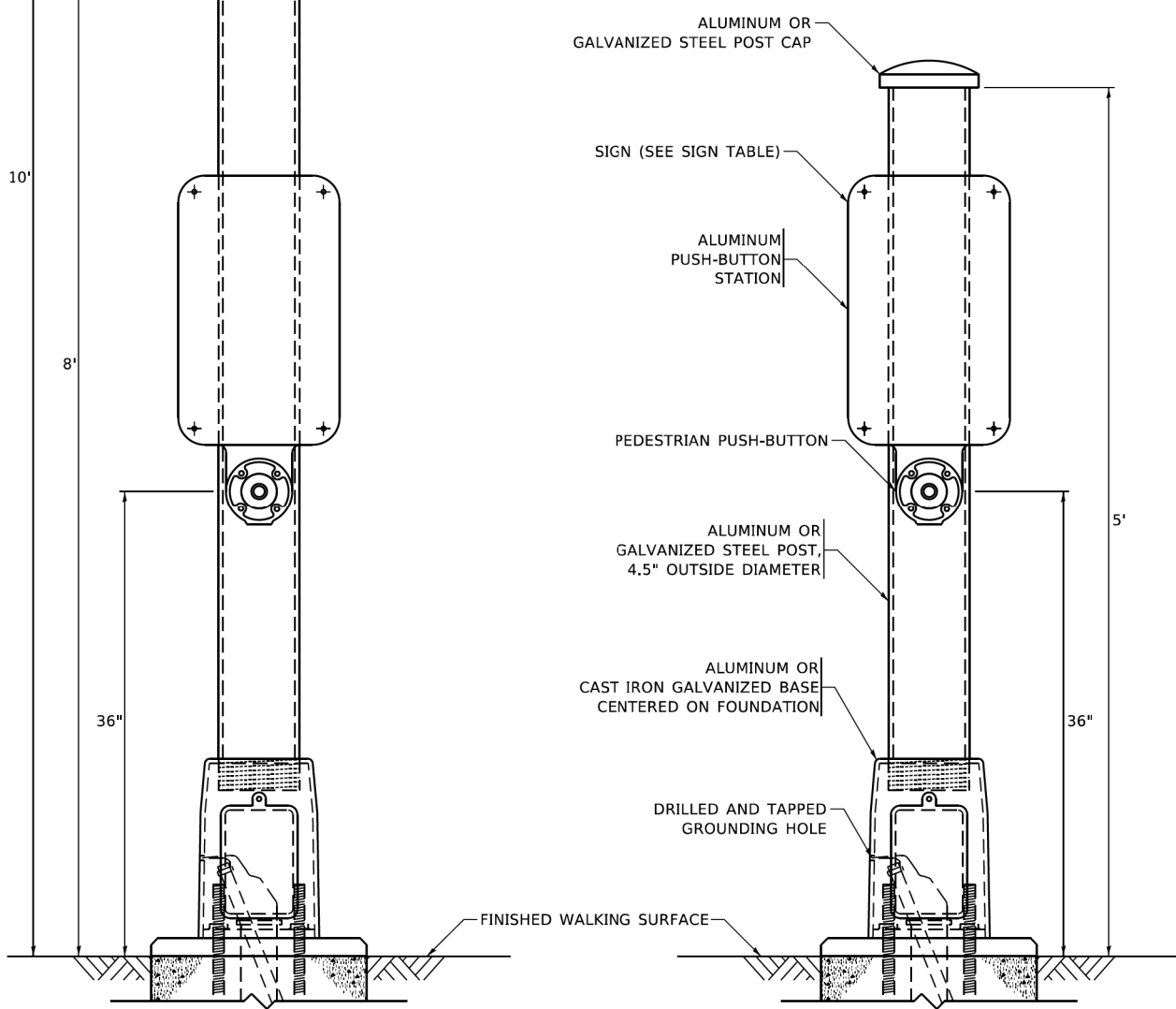
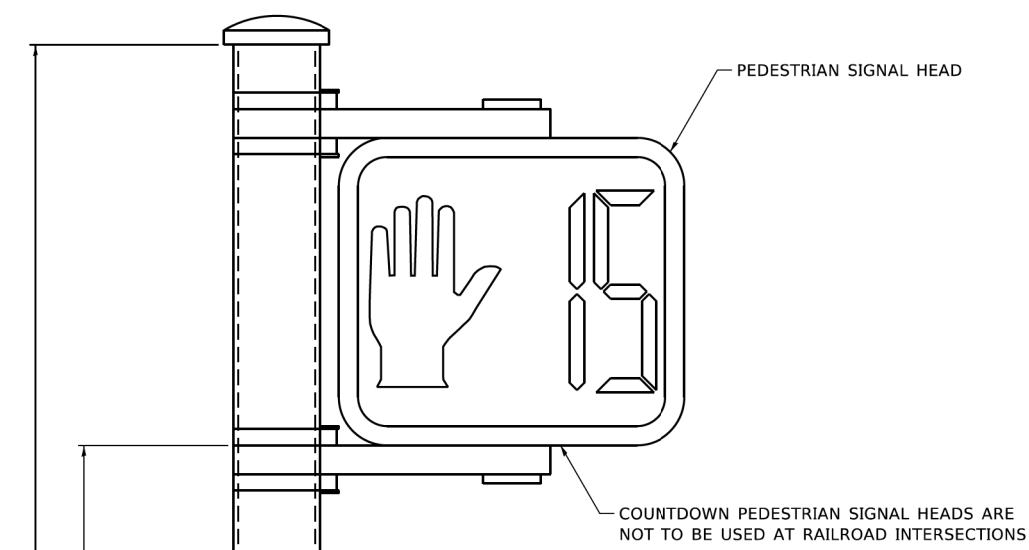


BOLT PATTERN

NOTE:
1. IF THE PEDESTRIAN SIGNAL POST FOUNDATION IS INSTALLED WITHIN OR BEHIND A BARRIER CURB, THE TOP OF THE FOUNDATION SHALL BE INSTALLED FLUSH WITH THE TOP OF THE BARRIER CURB.

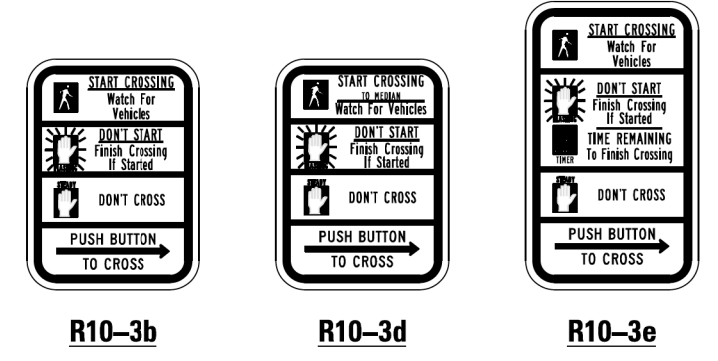


CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER



PEDESTRIAN SIGNAL POST, 10 FT.

PEDESTRIAN SIGNAL POST, 5 FT.



SIGN TABLE

SIGN	DIMENSIONS
R10-3b (RAILROAD ONLY)	9" X 12"
R10-3d (RAILROAD ONLY)	9" X 12"
R10-3e	9" X 12"

NOTES:
1. THE SIGN PANELS SHALL BE TYPE AP SHEETING.
2. THE ARROW ON SIGNS FOR PUSH-BUTTONS SERVING TWO DIRECTIONS ON THE SAME PHASE SHALL BE BI-DIRECTIONAL.
3. THE SIGN FOR DUAL-CALL PUSH-BUTTONS SHALL HAVE NO ARROW.

MODEL: TS 7
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS			
SCALE: NONE	SHEET 7 OF 7 SHEETS	STA. TO STA.	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	81
TS-05		CONTRACT NO. 62K88		
ILLINOIS FED. AID PROJECT				

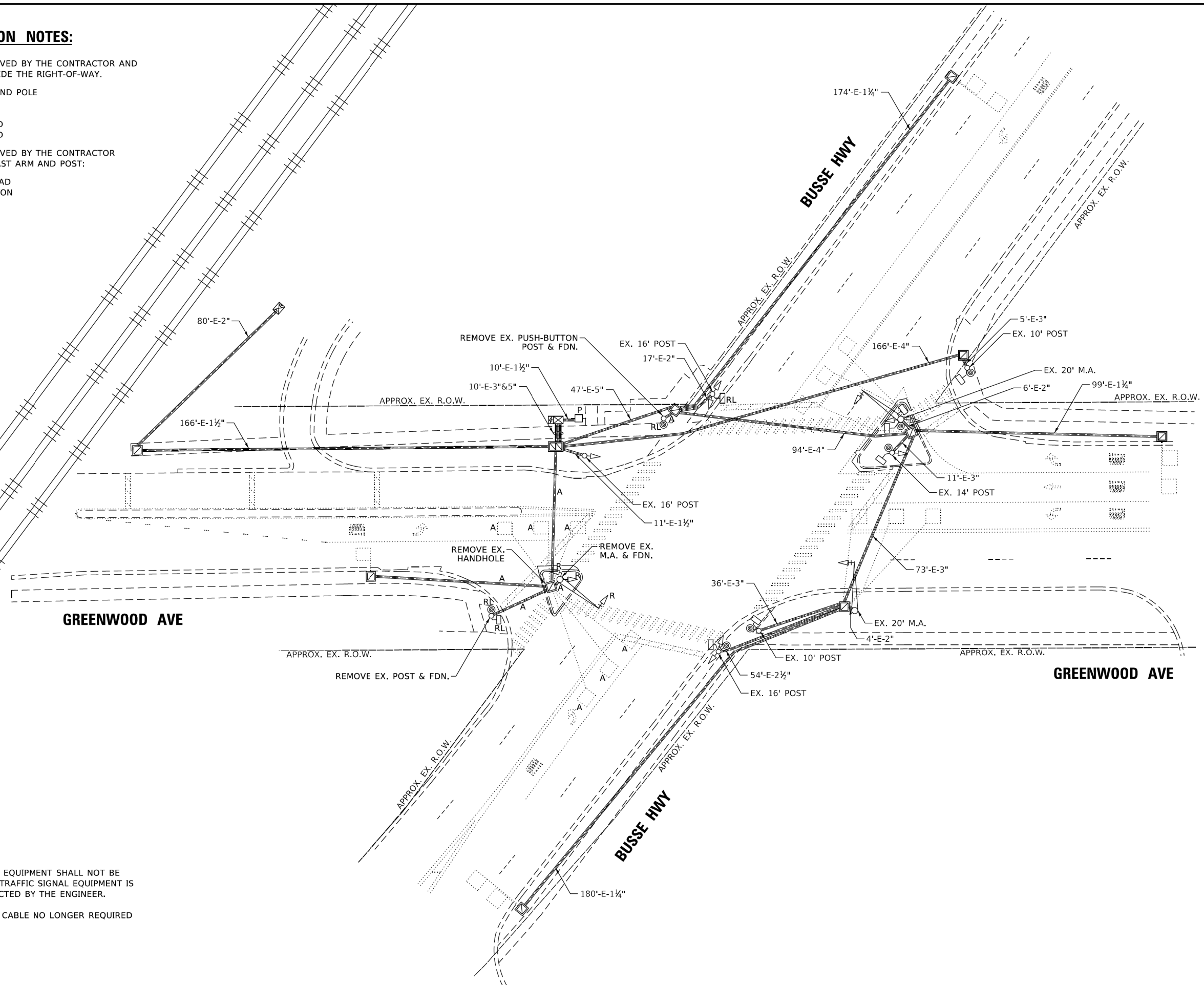
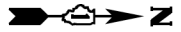
REMOVAL AND RELOCATION NOTES:

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY.

- 1 EACH MAST ARM ASSEMBLY AND POLE
- 1 EACH TRAFFIC SIGNAL POST
- 1 EACH PUSH-BUTTON POST
- 2 EACH 3-SECTION SIGNAL HEAD
- 1 EACH 5-SECTION SIGNAL HEAD

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND RELOCATED TO THE PROPOSED MAST ARM AND POST:

- 2 EACH PEDESTRIAN SIGNAL HEAD
- 2 EACH PEDESTRIAN PUSH-BUTTON



GREENWOOD AVE

GREENWOOD AVE

BUSSE HWY

BUSSE HWY

NOTES:

1. THE EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL NOT BE REMOVED UNTIL THE PROPOSED TRAFFIC SIGNAL EQUIPMENT IS FULLY OPERATIONAL OR AS DIRECTED BY THE ENGINEER.
2. ALL EXISTING TRAFFIC SIGNAL CABLE NO LONGER REQUIRED SHALL BE REMOVED.

MODEL: TS 8
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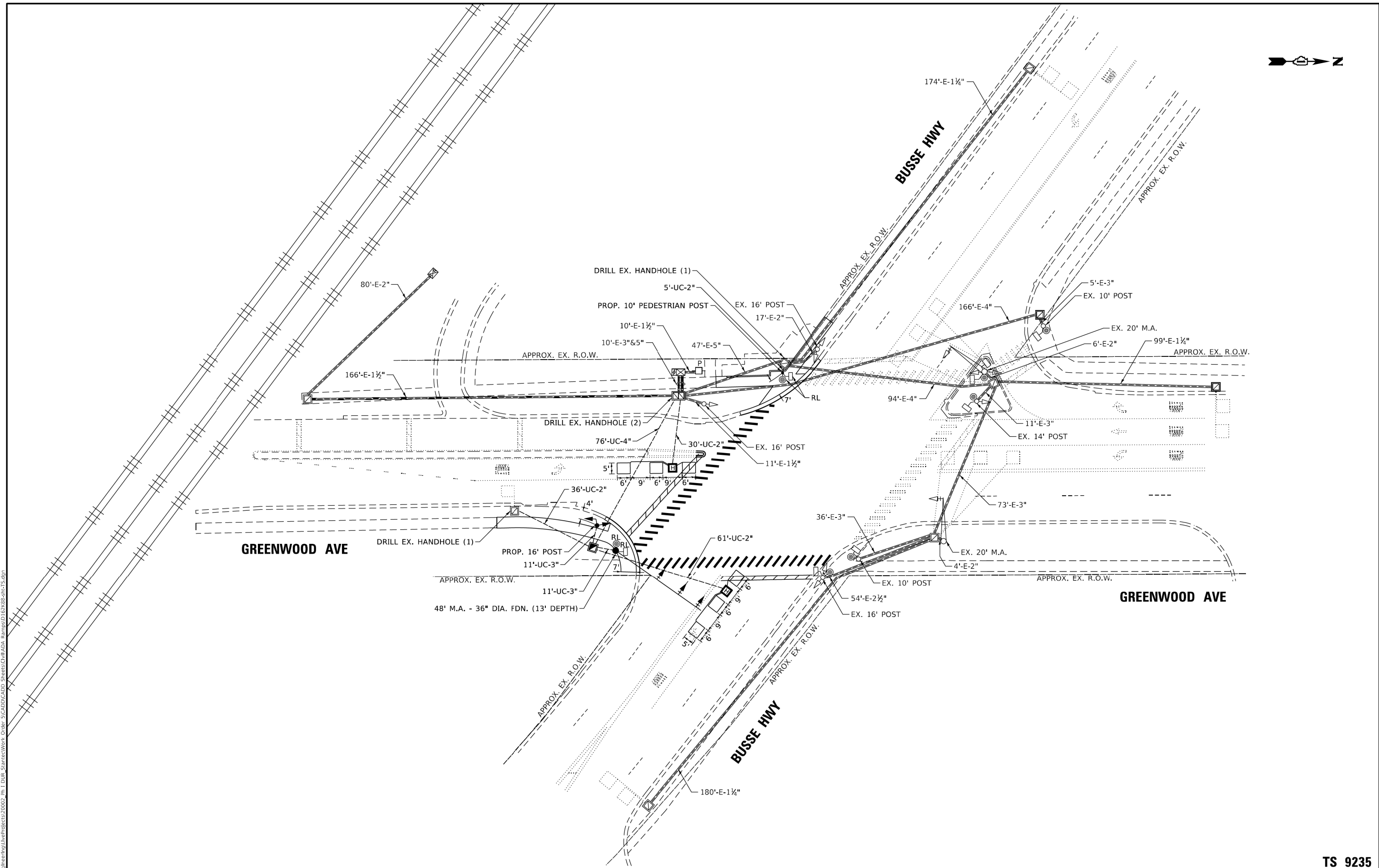
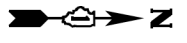
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL REMOVAL PLAN
BUSSE HWY AT GREENWOOD AVE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	82
CONTRACT NO. 62K88			ILLINOIS FED. AID PROJECT	

TS 9235



MODEL: TS 9
 FILE: \\mains-co-engineering\live\projects\202020_2h_1_djw_startect\work_order_S\CADD\CADD_Sheets\Civil\ADA_Rampet\162838.dwg:TS.dgn

TS 9235

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PLOT DATE = 1/21/2021	DATE - 1/20/2021	REVISED -

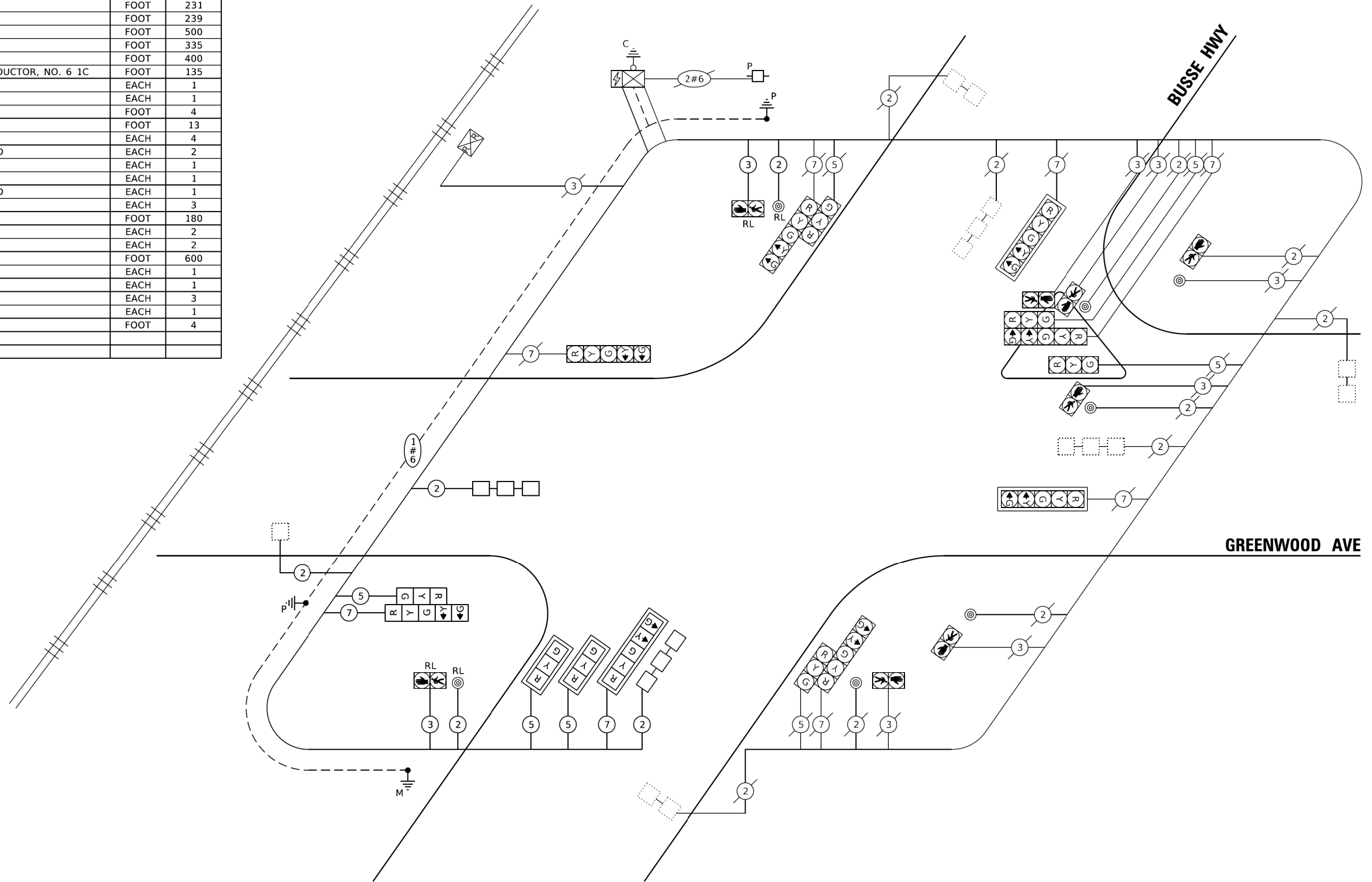
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL MODERNIZATION PLAN				
BUSSE HWY AT GREENWOOD AVE				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	83
CONTRACT NO. 62K88				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

ITEM DESCRIPTION	UNITS	TOTAL QTY
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	132
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	22
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	76
HANDHOLE	EACH	1
HEAVY-DUTY HANDHOLE	EACH	2
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	231
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	239
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	500
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	335
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	400
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	135
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	1
STEEL MAST ARM ASSEMBLY AND POLE, 48 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	4
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	13
DRILL EXISTING HANDHOLE	EACH	4
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	2
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	1
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	3
DETECTOR LOOP, TYPE I	FOOT	180
RELOCATE EXISTING PEDESTRIAN SIGNAL HEAD	EACH	2
RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	EACH	2
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	600
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
REMOVE EXISTING HANDHOLE	EACH	1
REMOVE EXISTING CONCRETE FOUNDATION	EACH	3
PEDESTRIAN SIGNAL POST, 10 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A 12-INCH DIAMETER	FOOT	4



CABLE PLAN

TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	15	11	50	82.5
(YELLOW)	15	20	5	15.0
(GREEN)	15	12	45	81.0
PERMISSIVE ARROW	16	10	10	16.0
PED. SIGNAL	8	20	100	160.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	-	150	100	-
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	-	-	-
TOTAL =				479.5

ENERGY COSTS TO:
ILLINOIS DEPARTMENT OF TRANSPORTATION
 201 W CENTER CT
 SCHAUMBURG, IL 60196
 ENERGY SUPPLY: CONTACT: TERRI BLECK
 PHONE: (847) 816-5239
 COMPANY: COMMONWEALTH EDISON
 ACCOUNT NUMBER: ---

MODEL: TS 10
 FILE: 334145_01_Engineering\Live\Projects\2002_01_IL-DOT-Spanet\Work Order-SIGADD\GADD_Sheets\GullADA_Rampes\12\6288\ts-10.dgn

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
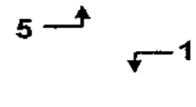
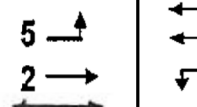
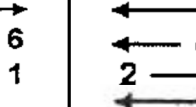
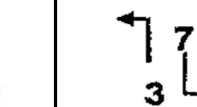
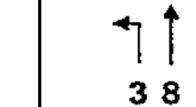
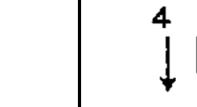
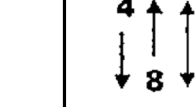
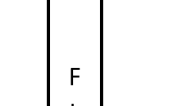
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CABLE PLAN AND SCHEDULE OF QUANTITIES			
BUSSE HWY AT GREENWOOD AVE			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	84
CONTRACT NO. 62K88				
ILLINOIS FED. AID PROJECT				

TS 9235

SEQUENCE OF OPERATION

MOVEMENT										FLASH																									
PHASE		1+5		2+5		1+6		2+6			3+7		3+8		4+7		4+8																		
INTERVAL		1	2	3	4	5	6	7	8	9	10	11	12	13A	13B	14	15	16	17	18	19	20A	20B	21	22	23A	23B	24	25	26	27A	27B			
CHANGE TO			1+6	2+5	2+6	θ	θ		θ	θ				3+7,4+7, 3+8,4+8			1+5,2+5,4+4, 8,1+6, 2+6	3+8	4+7	θ	θ			1+5,1+6 2+5,2+6	4+8			1+5,1+6 2+5,2+6	4+8			1+5,1+6 2+5,2+6			
GREENWOOD AVENUE END MAST ARM AND FAR LEFT SIGNALS	N/B	R	R	R	R	G	G	G	R	R	R	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R		
GREENWOOD AVENUE NEAR RIGHT SIGNAL	N/B	R	R	R	R	G	G	G	R	R	R	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R		
GREENWOOD AVENUE FAR RIGHT AND FAR LEFT SIGNALS	S/B	R	R	R	R	R	R	R	G	G	G	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R		
GREENWOOD AVENUE NEAR RIGHT SIGNALS	S/B	R	R	R	R	R	R	R	G	G	G	G	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R		
BUSSE HIGHWAY END MAST ARM AND FAR LEFT SIGNALS	E/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	Y	R	G	G	Y	R	R	
BUSSE HIGHWAY MID AND RT MAST ARM AND NEAR RT SIGNALS	E/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	Y	R	G	G	Y	R	R	
BUSSE HIGHWAY END MAST ARM AND FAR LEFT SIGNALS	W/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	Y	R	G	R	R	R	R	G	G	Y	R	R
BUSSE HIGHWAY NEAR RIGHT SIGNAL	W/B	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	G	Y	R	G	R	R	R	R	G	G	Y	R	R
PEDESTRIAN SIGNALS CROSSING BUSSE HIGHWAY ON WEST SIDE OF GREENWOOD AVE		H	H	H	H	H	H	H	P	FH	H	P	FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	D	
PEDESTRIAN SIGNALS CROSSING GREENWOOD AVE ON NORTH SIDE OF BUSSE HIGHWAY		H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	P	FH	H	H	H	H	H	H	H	H	H	H	H	D	
PEDESTRIAN SIGNALS CROSSING BUSSE HIGHWAY ON EAST SIDE OF GREENWOOD AVE		H	H	H	H	P	FH	H	H	H	H	P	FH	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	H	D	

PHASES 2+6 SHALL BE PLACED ON RECALL

* TO APPEAR ONLY UPON PUSHBUTTON ACTUATION

**FLASHING HAND IS TO TERMINATE AT THE COMPLETION OF THE PEDESTRIAN INTERVAL CLEARANCE

θ THE WALK OR FLASHING DON'T WALK INTERVAL MAY FINISH TIMING IN THE BIDIRECTIONAL STRAIGHT THROUGH MOVEMENT
IF THE LEFT ARROW TIME IS NOT SUFFICIENT TO COMPLETE WALK OR FLASHING DON'T WALK INTERVALS

WALK AND FLASHING DON'T WALK TIMINGS TO BE SET ONLY ON PHASES WHERE WALK AND FLASHING DON'T WALK ARE
INDICATED IN THE SEQUENCE OF OPERATION

P=ILLUMINATED PERSON=WALK

FH=ILLUMINATED FLASHING HAND=FLASHING DON'T WALK

H=ILLUMINATED SOLID HAND=DON'T WALK

D=DARK

MODEL: TS 11
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TS 9235

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SEQUENCE OF OPERATION
BUSSE HWY AT GREENWOOD AVE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	85
CONTRACT NO. 62K88			ILLINOIS FED. AID PROJECT	

RAILROAD PREEMPTION SEQUENCE OF OPERATION

	PREEMPTOR NUMBER 2																		
CHANGE FROM NORMAL SEQUENCE OF OPERATION INTERVAL NUMBER	1	5			8		11		14	18		22		25					
CHANGE FROM EMERGENCY VEHICLE PREEMPTION OF OPERATION INTERVAL NUMBER	/																		
RAILROAD PREEMPTION INTERVAL	1A	1B	1C	1D	1E	1F	1G	1H	1J	1K	1L	1M	1N	1P	2	3	4	5	CLEAR TO NORMAL SEQUENCE
CHANGE TO RAILROAD PREEMPTION SEQUENCE INTERVAL NUMBER	2	1C	2	1E	2	1G	2	2	1K	2	1M	2	1P	2	3	4	5		
GREENWOOD AVENUE END MAST ARM AND FAR LEFT SIGNALS	N/B	R	G	G	R	R	G	G	R	R	R	R	R	R	G	Y	R	R	Δ
		←G	←G	←G											←G				
GREENWOOD AVENUE NEAR RIGHT SIGNAL	N/B	R	G	G	R	R	G	G	R	R	R	R	R	R	G	Y	R	R	Δ
GREENWOOD AVENUE FAR RIGHT AND FAR LEFT SIGNALS	S/B	R	R	R	Y	R	Y	R	R	R	R	R	R	R	R	R	R	R	Δ
		←Y																	
GREENWOOD AVENUE NEAR RIGHT SIGNALS	S/B	R	R	R	Y	R	Y	R	R	R	R	R	R	R	R	R	R	R	Δ
BUSSE HIGHWAY END MAST ARM AND FAR LEFT SIGNALS	E/B	R	R	R	R	R	R	R	R	R	Y	R	Y	R	R	R	R	G	Δ
								←Y											
BUSSE HIGHWAY MID AND RT MAST ARM AND NEAR RT SIGNALS	E/B	R	R	R	R	R	R	R	R	R	Y	R	Y	R	R	R	R	G	Δ
BUSSE HIGHWAY END MAST ARM AND FAR LEFT SIGNALS	W/B	R	R	R	R	R	R	R	Y	R	R	R	Y	R	R	R	R	G	Δ
								←Y											
BUSSE HIGHWAY NEAR RIGHT SIGNAL	W/B	R	R	R	R	R	R	R	Y	R	R	R	Y	R	R	R	R	G	Δ
PEDESTRIAN SIGNALS CROSSING BUSSE HIGHWAY ON WEST SIDE OF GREENWOOD AVE	H	H	H	FH	H	FH	H	H	H	H	H	H	H	H	H	H	H	H	Δ
PEDESTRIAN SIGNALS CROSSING GREENWOOD AVE ON NORTH SIDE OF BUSSE HIGHWAY	H	H	H	H	H	H	H	H	FH	H	H	H	FH	H	H	H	H	H	Δ
PEDESTRIAN SIGNALS CROSSING BUSSE HIGHWAY ON EAST SIDE OF GREENWOOD AVE	H	FH	H	H	H	FH	H	H	H	H	H	H	H	H	H	H	H	H	Δ

HOLD

Δ RAILROAD PREEMPTION SEQUENCE SHALL PROVIDE THE PROPER CLEARANCE INTERVAL TO RESUME THE NORMAL SEQUENCE OF OPERATION AFTER RAILROAD PREEMPTION INTERVAL 5 IS TERMINATED.

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TS 9235

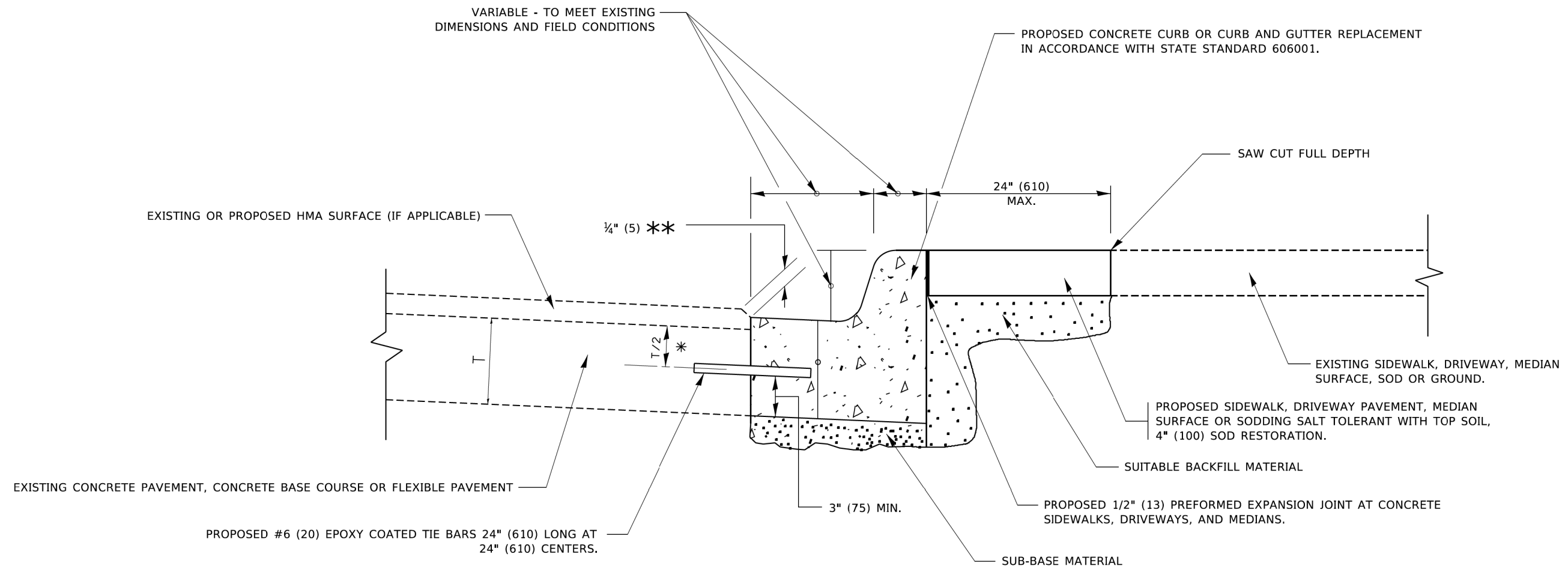
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	DRAWN - IP	REVISED -
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PLOT DATE = 1/21/2021	DATE - 1/20/2021	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**RAILROAD PREEMPTION SEQUENCE OF OPERATION
BUSSE HWY AT GREENWOOD AVE**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	86
CONTRACT NO. 62K88			ILLINOIS FED. AID PROJECT	



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

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

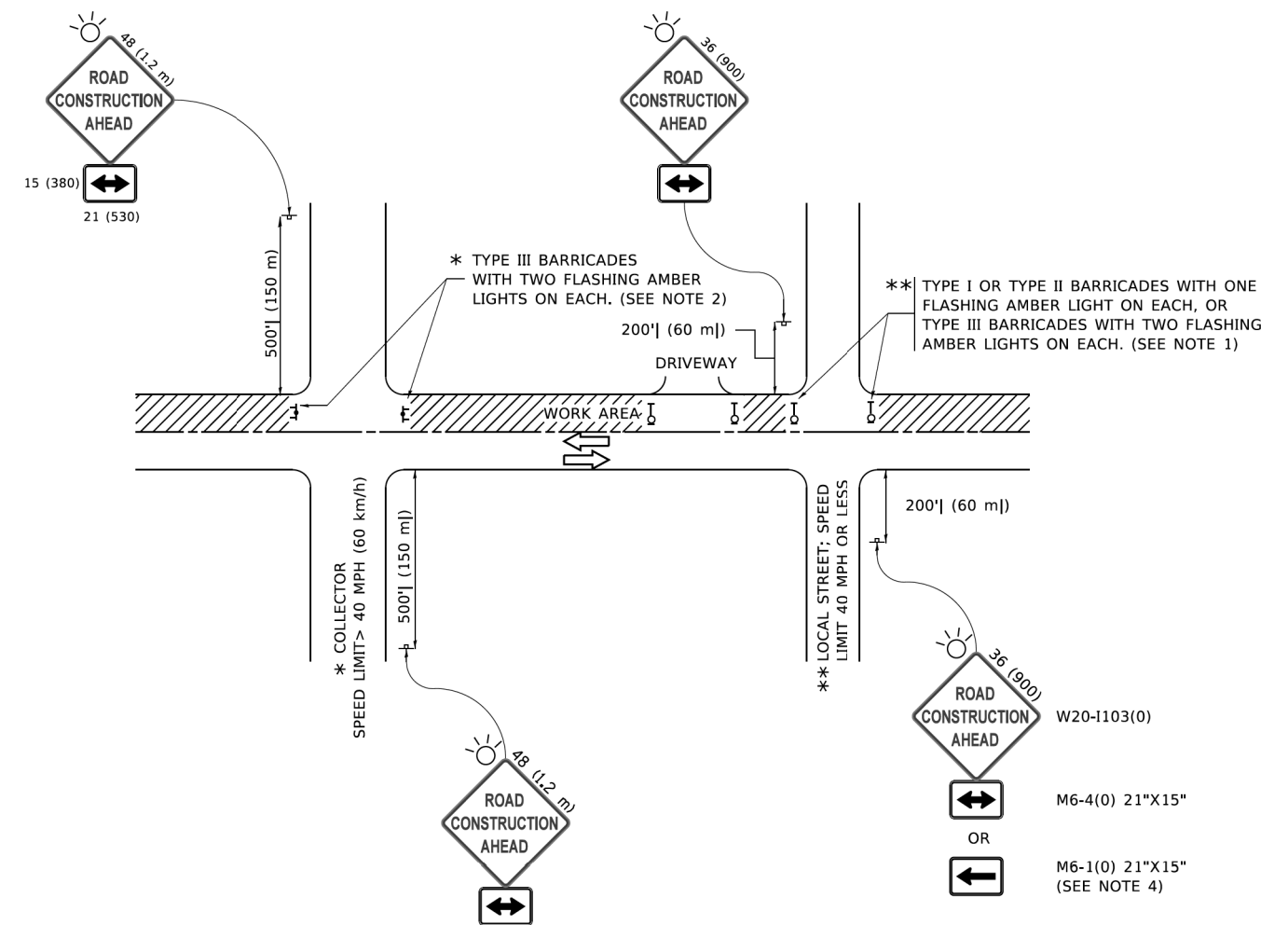
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USER NAME = footemj	DESIGNED - A. HOUSEH	REVISED - A. ABBAS 03-21-97
	DRAWN -	REVISED - M. GOMEZ 01-22-01
PLOT SCALE = 50,0000 ' / ft.	CHECKED -	REVISED - R. BORO 12-15-09
PLOT DATE = 7/11/2019	DATE - 03-11-94	REVISED - K. SMITH 07-11-19

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	87
BD600-06 (BD-24)		CONTRACT NO. 62K88		
ILLINOIS FED. AID PROJECT				



NOTES:

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

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

MODEL: TC-10
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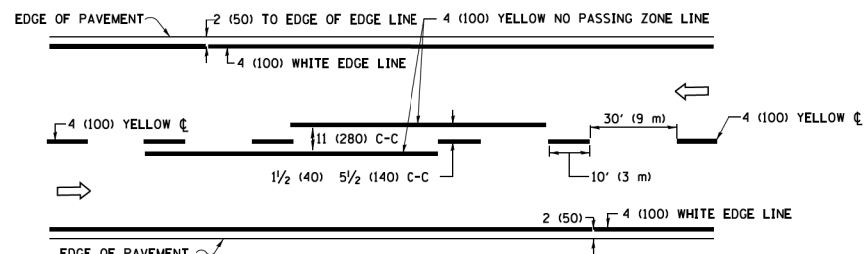
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	DRAWN -	REVISED - T. RAMMACHER 01-06-00
PLOT SCALE = 50,0000 ' / ft.	CHECKED -	REVISED - A. SCHUETZE 07-01-13
PLOT DATE = 3/4/2019	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

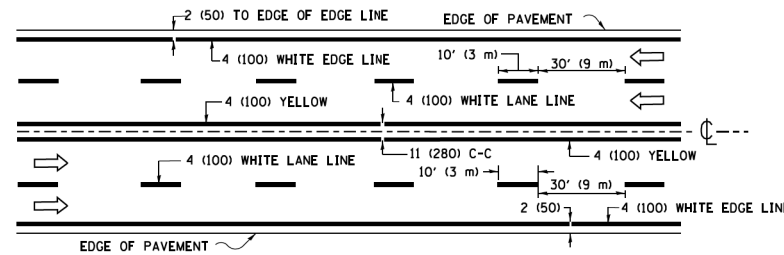
**TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

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

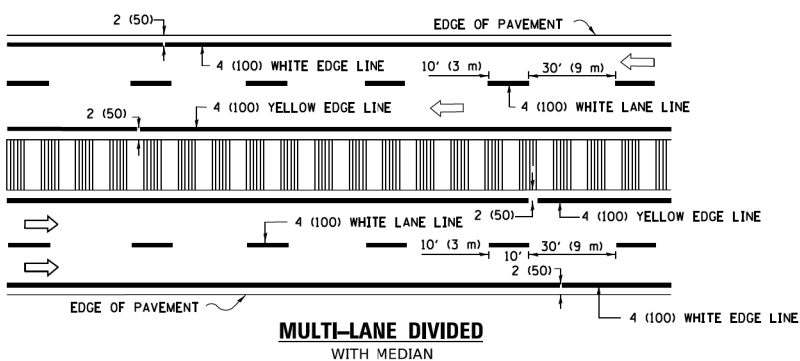
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	88
TC-10			CONTRACT NO.	62K88
ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

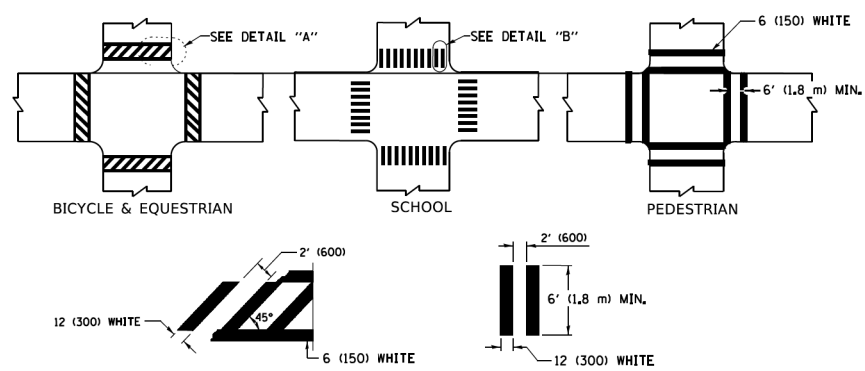


MULTI-LANE UNDIVIDED



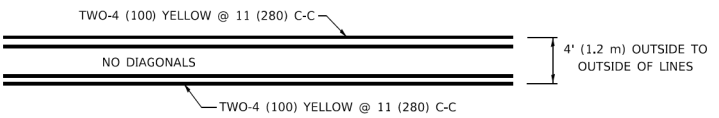
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

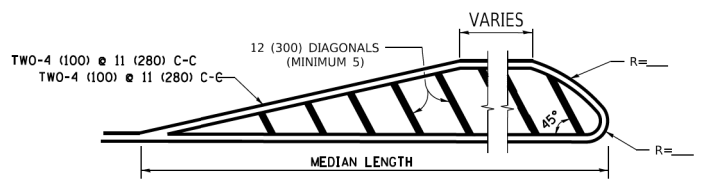


TYPICAL CROSSWALK MARKING

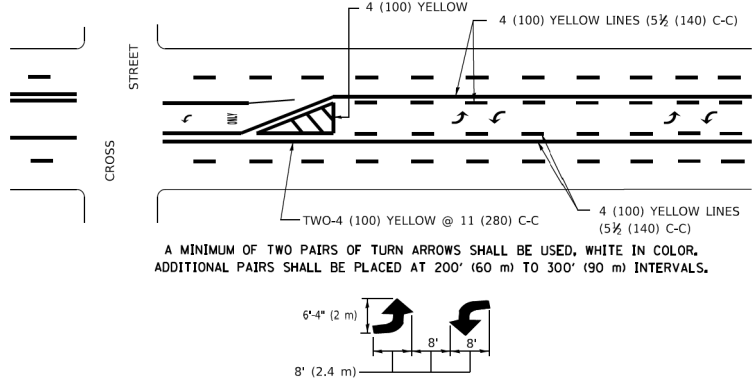
* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



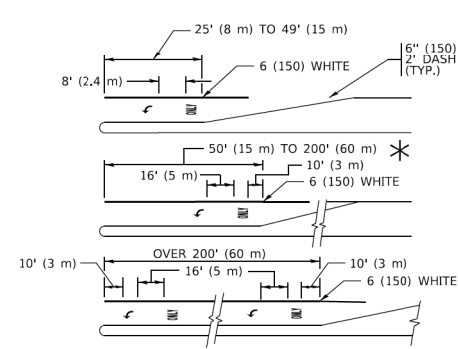
4' (1.2 m) WIDE MEDIANS ONLY



MEDIANS OVER 4' (1.2 m) WIDE



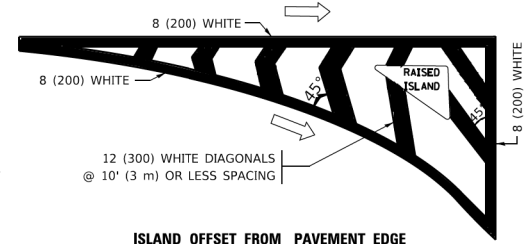
MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING



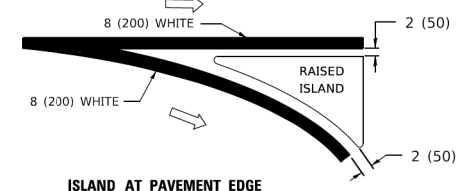
TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

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

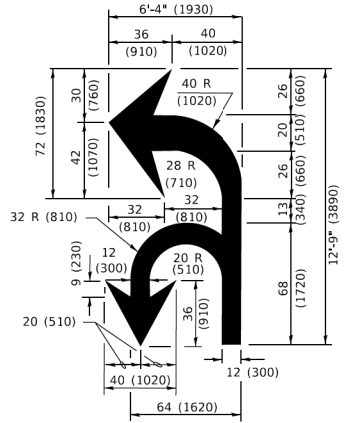


ISLAND OFFSET FROM PAVEMENT EDGE

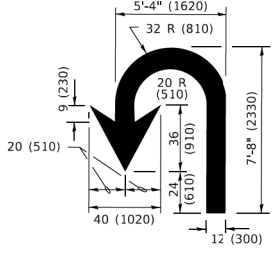


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

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

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

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

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

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

MODEL: TC-13
 FILE: NAME: Co-Engineering\Live\Projects\2002_02_01_DJR_SpanetWork_Order_S\CADD\CADD_Sheets\Dir_Schwarz_PDF\ID1628385-ht-01_Detail.dgn

USER NAME = footemj	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
PLOT SCALE = 50.0000' / 1"	CHECKED -	REVISED - C. JUCIUS 07-01-13
PLOT DATE = 3/4/2019	DATE - 03-19-90	REVISED - C. JUCIUS 12-21-15
		REVISED - C. JUCIUS 04-12-16

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
 TYPICAL PAVEMENT MARKINGS**

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

F.A.U. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	89
TC-13				CONTRACT NO. 62K88
ILLINOIS				FED. AID PROJECT

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

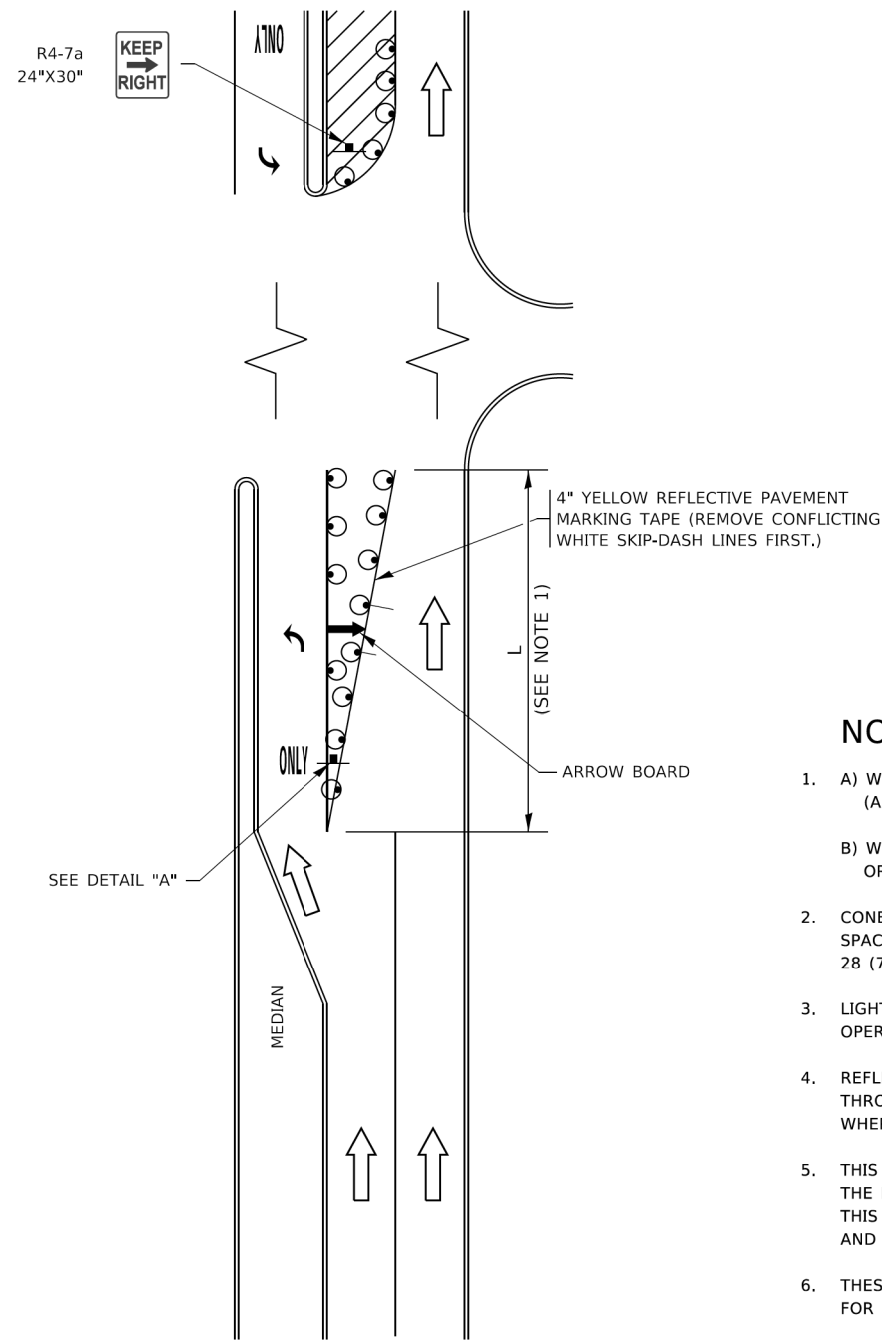


FIGURE 1

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

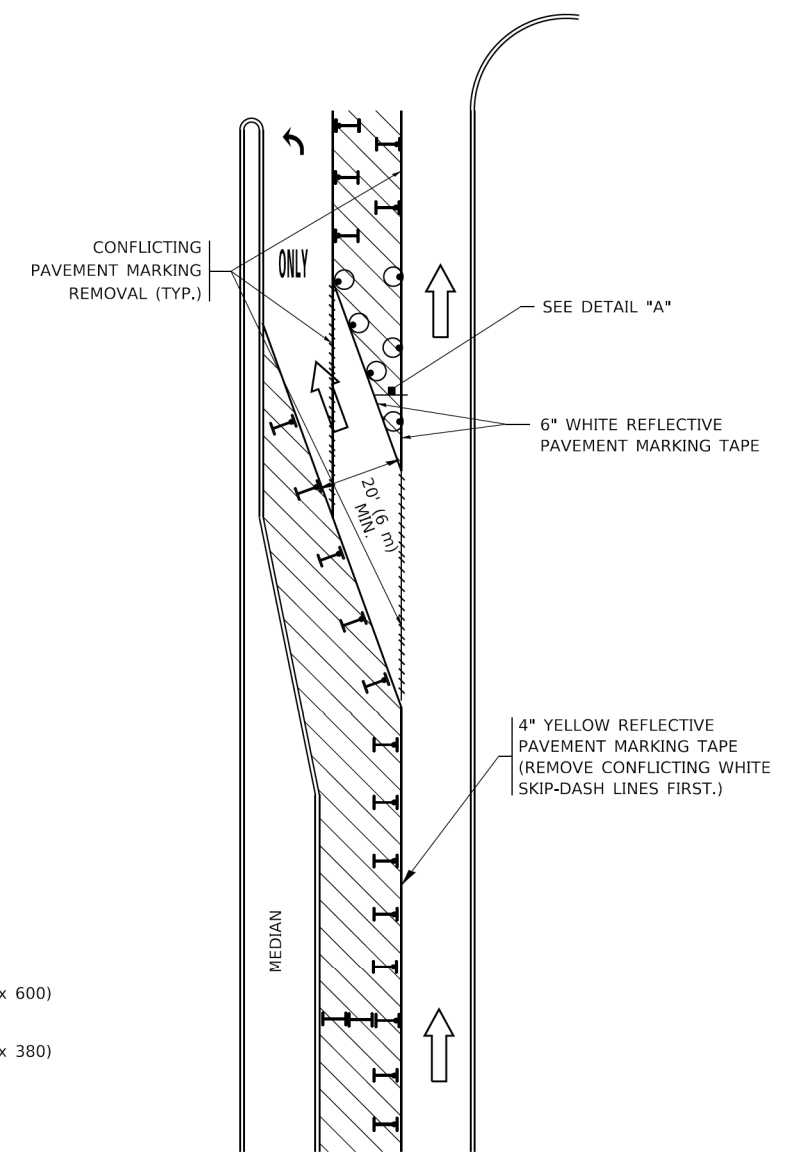


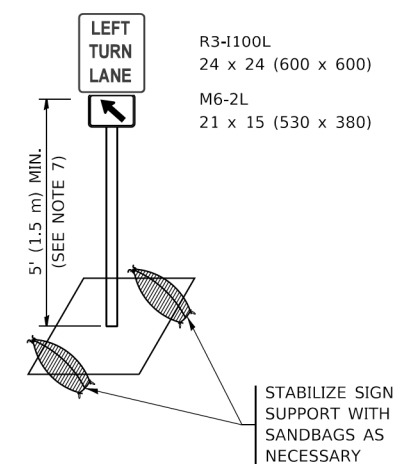
FIGURE 2

LEGEND

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

NOTES:

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



DETAIL A

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

MODEL: TC-14
FILE: h:\m\c\c\Engineering\Live\Projects\2002_04\I_DUB_Spanect\Work_Order_S\CADD\CADD_Sheets\Dir_Standard_PDF\ID1628385-htc-01_DetallA.dgn

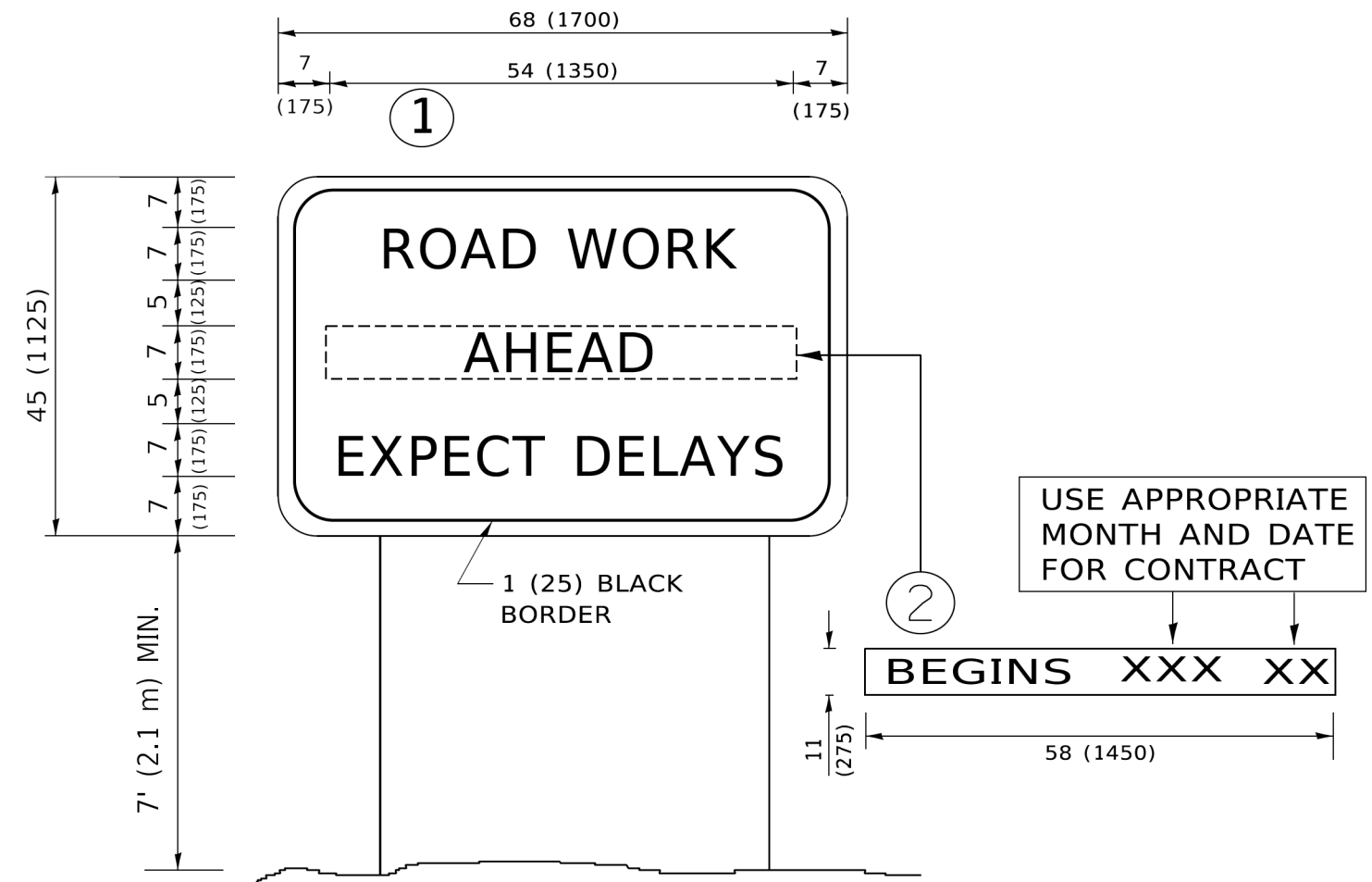
USER NAME = footemj	DESIGNED - T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09
	DRAWN - A. HOUSEH 11-07-95	REVISED - A. SCHUETZE 07-01-13
PLOT SCALE = 50,0000' / 1"	CHECKED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16
PLOT DATE = 3/4/2019	DATE - T. RAMMACHER 01-06-00	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	90
TC-14		CONTRACT NO.	62K88	
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.

MODEL: TC-22
FILE: \\MAILS-CG-Engineering\Live\Projects\2002_02_01_DJR_SpanectWork_Order-S\CADD\CADD_Sheets\Dir_Standard_PP\FID162888-ht-01_Detalle.dgn

USER NAME = footemj	DESIGNED -	REVISED - R. MIRS 09-15-97
	DRAWN -	REVISED - R. MIRS 12-11-97
PLOT SCALE = 50,0000 ' / ft.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
PLOT DATE = 3/4/2019	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD
INFORMATION SIGN**

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2020-017-SW	COOK	91	91
TC-22		CONTRACT NO. 62K88		
ILLINOIS FED. AID PROJECT				