

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	2020-101-RS&SW	COOK	93	1
		ILLINOIS	CONTRACT NO. 62L79	

D-91-500-20



LOCATION OF SECTION INDICATED THUS: - [Symbol] -

FOR INDEX OF SHEETS, SEE SHEET NO. 2

THE PROJECT IS LOCATED IN THE VILLAGES OF ORLAND PARK, PALOHS HEIGHTS, AND WORTH.

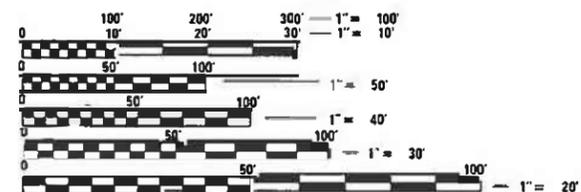
SPEED LIMIT = 35, 40, 45 MPH

TRAFFIC DATA:

- 159TH ST TO 151ST ST: 35,100 ADT (2019)
- 151ST ST TO 143RD ST: 33,800 ADT (2019)
- 143RD ST TO 135TH ST: 31,100 ADT (2019)
- 135TH ST TO ISHNALA DR: 30,300 ADT (2019)
- ISHNALA DR TO 127TH ST: 31,700 ADT (2019)
- 127TH ST TO 123RD ST: 29,400 ADT (2019)
- 123RD ST TO IL-83: 32,700 ADT (2019)
- IL-83 TO 115TH ST: 37,700 ADT (2019)
- 115TH ST TO 111TH ST: 34,200 ADT (2019)

**PROPOSED
HIGHWAY PLANS**
ROUTE : F.A.P. 348 IL-43 (HARLEM AVENUE)
111TH ST TO US 6 (159TH ST)
SECTION: 2020-101-RS&SW
PROJECT: NHPP-2NNA(480)
SMART OVERLAY AND ADA IMPROVEMENTS
COOK COUNTY

C-91-298-20

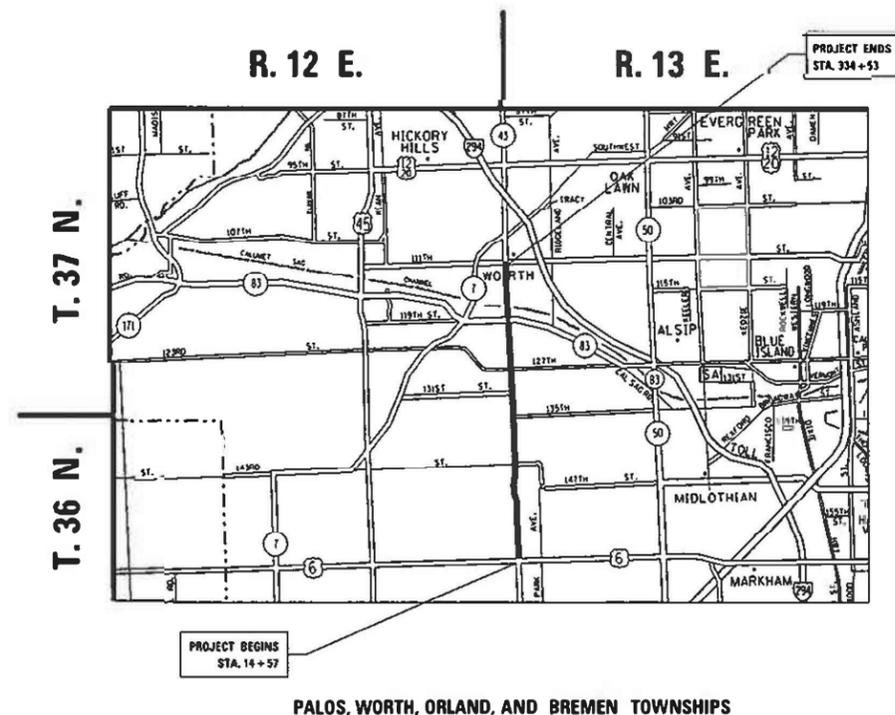


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

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

CONTRACT NO. 62L79



LOCATION MAP (NOT TO SCALE)

OMISSIONS:

STA. 286+37 TO STA. 290+64

GROSS LENGTH = 31,996 FT. = 6.06 MILES
NET LENGTH = 31,569 FT. = 5.98 MILES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED *December 4, 2020*

Anthony J. Benigno REGIONAL ENGINEER

December 4, 2020

Scott A. Etk
ENGINEER OF DESIGN AND ENVIRONMENT

December 4, 2020

James J. Gu
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

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89	PD-02: PROJECT DETAIL FOR SINGLE PERPEDINCULAR CURB RAMPS
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STANDARD NO.	DESCRIPTION
606301-04	PC CONCRETE ISLANDS AND MEDIANS
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
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
701428-01	TRAFFIC CONTROL SET UP AND REMOVAL FREEWAY/EXPRESSWAY
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701602-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES
814001-03	HANDHOLES

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 UTILITIES. 48 HOUR NOTIFICATION IS REQUIRED.
- TEN (10) FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS AND GUTTER AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE VILLAGES OF WORTH, PALOS HEIGHTS, AND ORLAND PARK.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- SIDEWALK RAMPS MODIFICATIONS WITHIN THE LIMITS OF THE PROJECT SHALL CONFORM TO THE APPLICABLE HIGHWAY STANDARDS INCLUDED IN THE PLANS.
- ANY PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS OBLITERATED BY MILLING AND RESURFACING OPERATIONS ON SIDE STREETS AND ENTRANCES SHALL BE REPLACED AND PAID FOR IN KIND.
- ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE DEPARTMENT.
- BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.
- ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- LOCATION OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (OR COMBINATION CURB AND GUTTER (THE TYPE SPECIFIED ON THE PLANS)), WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- DRAINAGE ADJUSTMENT OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- FRAMES AND GRATES ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE LIMITS OF THE IMPROVEMENTS SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT.
- SIDEWALK REMOVAL AND P.C.C. SIDEWALK 5" LOCATIONS SHALL BE DETERMINED BY THE ENGINEER.
- THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE ARTERIAL TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN.HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

GENERAL NOTES (CONT.)

- THE RESIDENT ENGINEER SHALL CONTACT PATRICE HARRIS, AREA TRAFFIC FIELD TECHNICIAN AT PATRICE.HARRIS@ILLINOIS.GOV A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
- THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF PLATED STRUCTURES BY STATION AND OFFSET LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT.
- THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.
- EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
- DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- PAVEMENT MARKING TAPE, TYPE III SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.
- WHEN THE MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES (40 mm) WHERE THE SPEED LIMIT IS 40 MPH (80 km/h) OR LESS AND 1 INCH (25 mm) WHERE THE SPEED LIMIT IS GREATER THAN 40 MPH (80 km/h). WITH WRITTEN APPROVAL OF THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES (75 mm) MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H) OR A NOTCHED LONGITUDINAL WEDGE IS USED.
- OVERNIGHT LANE CLOSURES SHALL NOT BE ALLOWED FOR REHABILITATION PROJECTS INVOLVING DAYTIME MILLING AND RESURFACING OPERATIONS AND CLASS D PATCHING UNLESS OTHER CONDITIONS WARRANT EXTENDED LANE CLOSURES AS DETERMINED AND APPROVED IN WRITING BY THE ENGINEER OR AS PROVIDED FOR IN THE CONTRACT SPECIFICATIONS.
- CONTACT THE ROADSIDE DEVELOPMENT UNIT 72 HOURS PRIOR TO TREE REMOVAL AND WEED CONTROL AT (847) 705-4171.
- DURING CONSTRUCTION OF PROPOSED IMPROVEMENTS ALONG 135TH STREET WEST OF HARLEM AVENUE, THE ROADWAY SHALL REMAIN OPEN FOR ALL TRAFFIC AT ALL TIMES. IF ANY ACTIVITY THAT REQUIRES ENCROACHMENT INTO A LANE OPEN FOR TRAFFIC, THAT ACTIVITY SHALL BE RESTRICTED TO WITHIN THE HOURS OF 9:00 AM TO 3:00 PM FOLLOWING THE APPLICABLE IDOT AND IDOT-DISTRICT 1 TRAFFIC CONTROL STANDARDS INCLUDED IN THE PLANS FOR OFF-ROAD AND ON-ROAD APPLICATIONS.
- IF ANY EXISTING PAVEMENT MARKING AND/OR SIGNING ALONG 135TH STREET WEST OF HARLEM AVENUE IS DAMAGED DUE TO THE CONSTRUCTION OF THE PROPOSED IMPROVEMENT, THE CONTRACTOR SHALL REPLACE THE DAMAGED TRAFFIC CONTROL DEVICES TO THE SATISFACTION OF COOK COUNTY PER IDOT AND IDOT-DISTRICT 1 STANDARDS FOR TRAFFIC CONTROL DEVICES FOR PAVEMENT MARKING AND SIGNAGE INCLUDED IN THE PLANS.

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
424016-05	MID-BLOCK CURB RAMPS FOR SIDEWALKS
424021-05	DEPRESSED CORNER FOR SIDEWALKS
424026-03	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
424031-02	MEDIAN PEDESTRIAN CROSSINGS
442201-03	CLASS C AND D PATCHES

MODEL: Default
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 PROJECT: 150020\CD\DD\Design\150020-sh-egenote.dgn

USER NAME = skinneral	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 10/15/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL-43 (HARLEM AVE) (111TH STREET TO US 6 (159TH ST))
INDEX OF SHEETS, STATE STANDARDS & GENERAL NOTES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	2020-101-R5&SW	COOK	93	2
CONTRACT NO. 62L79				
ILLINOIS		FED. AID PROJECT		

REV-SEP

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		80% FEDERAL 20% STATE 0005	100% STATE 0005				
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	55	55					
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	60	60					
20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	10	10					
20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	20	20					
20200100	EARTH EXCAVATION	CU YD	141	141					
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	857	857					
21101600	TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH	SO YD	17389	17389					
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	1717	1717					
25000115	SEEDING, CLASS 1B	ACRE	0.4	0.4					
25000210	SEEDING, CLASS 2A	ACRE	3.2	3.2					
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	251	251					
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	251	251					
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	251	251					
25000750	MOWING	ACRE	13	13					
25003115	INTERSEEDING, CLASS 1B	ACRE	2.8	2.8					

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		80% FEDERAL 20% STATE 0005	100% STATE 0005				
25100115	MULCH, METHOD 2	ACRE	0.4	0.4					
25100630	EROSION CONTROL BLANKET	SO YD	15424	15424					
25200110	SODDING, SALT TOLERANT	SO YD	1957	1957					
25200200	SUPPLEMENTAL WATERING	UNIT	85	85					
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	98837	98837					
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	330	330					
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	1811	1811					
40601005	HOT-MIX ASPHALT REPLACEMENT OVER PATCHES	TON	215	215					
40605026	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80	TON	21525	21525					
42001300	PROTECTIVE COAT	SO YD	2748	2748					
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	12410	12410					
42400800	DETECTABLE WARNINGS	SO FT	1206	1206					
44000100	PAVEMENT REMOVAL	SO YD	29	29					

REV-SEP

* = SPECIALTY ITEMS

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE					SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		80% FEDERAL 20% STATE 0005	100% STATE 0005					CODE NO	ITEM		UNIT	80% FEDERAL 20% STATE 0005	100% STATE 0005		
44000156	HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"	SO YD	219636	219636					60266600	VALVE BOXES TO BE ADJUSTED	EACH	10	10				
44000200	DRIVEWAY PAVEMENT REMOVAL	SO YD	9	9					60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	37	37				
44000600	SIDEWALK REMOVAL	SO FT	12475	12475					60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	67	67				
44002212	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 3"	SO YD	1275	1275					60404950	FRAMES AND GRATES, TYPE 24	EACH	5	5				
44201761	CLASS D PATCHES, TYPE I, 10 INCH	SO YD	6	6				*	66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	141	141				
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SO YD	1097	1097				*	66900530	SOIL DISPOSAL ANALYSIS	EACH	5	5				
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SO YD	200	200				*	66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1	1				
44201771	CLASS D PATCHES, TYPE IV, 10 INCH	SO YD	141	141				*	66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1	1				
60250200	CATCH BASINS TO BE ADJUSTED	EACH	1	1					66901006	REGULATED SUBSTANCES MONITORING	CAL DA	15	15				
60250400	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, OPEN LID	EACH	2	2				*	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	12	12				
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	1	1					67100100	MOBILIZATION	L SUM	1	1				
60255500	MANHOLES TO BE ADJUSTED	EACH	5	5					70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1				
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	1	1					70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1				
60260100	INLETS TO BE ADJUSTED	EACH	1	1													

REV-SEP

* = SPECIALTY ITEMS

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE					*	SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		80% FEDERAL 20% STATE 0005	100% STATE 0005						CODE NO	ITEM		UNIT	80% FEDERAL 20% STATE 0005	100% STATE 0005			
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1					*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	95200	95200					
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1					*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	15925	15925					
70300100	SHORT TERM PAVEMENT MARKING	FOOT	16811	16811					*	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	2719	2719					
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	5604	5604					*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	4396	4396					
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	2959	2959					*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	2482	2482					
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	95200	95200					*	78008230	POLYUREA PAVEMENT MARKING TYPE I - LINE 6"	FOOT	5	5					
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	15925	15925					*	78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	6	6					
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	2719	2719					*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	2460	2460					
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	4396	4396						78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	2460	2460					
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	2482	2482					*	85000200	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	8	8					
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	8406	8406					*	88600600	DETECTOR LOOP REPLACEMENT	FOOT	7486	7486					
* 72400310	REMOVE SIGN PANEL - TYPE 1	SO FT	36	36															
* 72400710	RELOCATE SIGN PANEL - TYPE 1	SO FT	36	36															
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	2959	2959															

REV-SEP
* = SPECIALTY ITEMS

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		80% FEDERAL 20% STATE 0005	100% STATE 0005			
* 89500400	RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	EACH	7	7				
* 89502376	REBUILD EXISTING HANDHOLE	EACH	6	6				
K0026700	TREE CARE	EACH	121	121				
K0029618	WEED CONTROL, BROADLEAF IN TURF	GALLON	30	30				
X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1	1				
X0325222	WEED CONTROL, BASAL TREATMENT	GALLON	30	30				
X0326681	REMOVE AND RE-ERECT BOULDERS	L SUM	1	1				
X0327611	REMOVE AND REINSTALL BRICK PAVER	SO FT	125	125				
X4240800	DETECTABLE WARNINGS (SPECIAL)	SO FT	200	200				
X4400501	COMBINATION CURB AND GUTTER REMOVAL AND REPLACEMENT LESS THAN OR EQUAL TO 10 FEET	FOOT	1227	1227				
X4402020	CONCRETE MEDIAN SURFACE REMOVAL	SO FT	138808	138808				
X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	2100		2100			
X6026624	VALVE BOXES TO BE ADJUSTED (SPECIAL)	EACH	5	5				
X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	25	25				

SUMMARY OF QUANTITIES			TOTAL QUANTITIES URBAN	CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT		80% FEDERAL 20% STATE 0005	100% STATE 0005			
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SO FT	50869	50869				
Z0004562	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	3202	3202				
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	346		346			
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	52	52				
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	65974	65974				
Z0064800	SELECTIVE CLEARING	UNIT	16	16				
Z0076600	TRAINEES	HOURS	500	500				
Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOURS	500	500				

FILE NAME =	USER NAME = skinner	DESIGNED -	REVISED -
p:\planroom\dtd\illinois\p1001\Documents\1001\	Files\District\Projects\150020\CADD\Drawings\150020-4	DRW	REVISED -
	PLOT SCALE = 100,000' / 1" =	CHECKED -	REVISED -
	PLOT DATE = 10/15/2020	DATE -	REVISED -

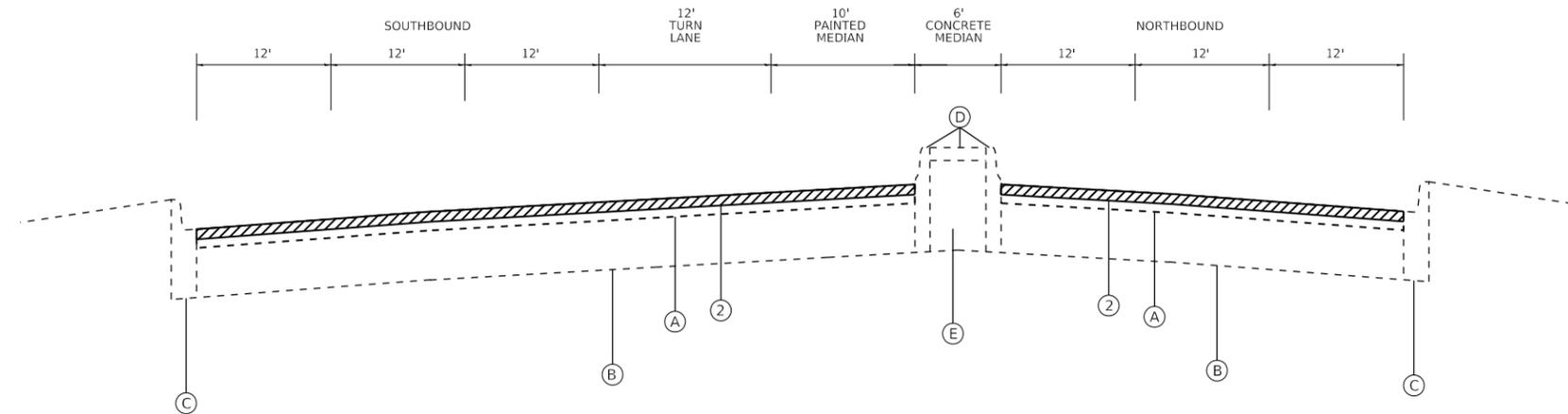
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	2020-101-R5&S	COOK	93	6
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 62L79	

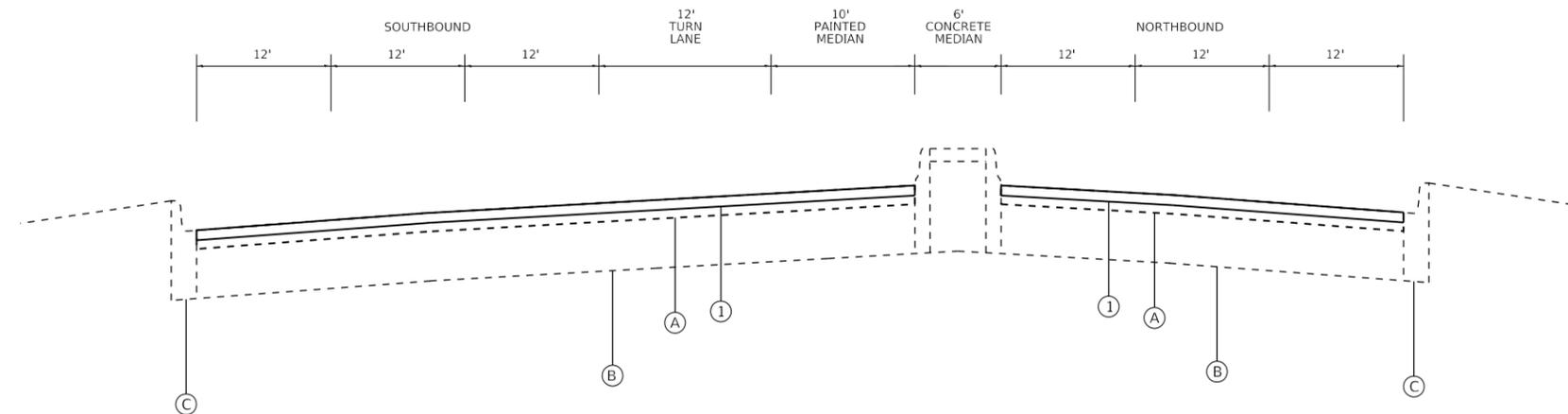
Ø 0042
REV-SEP
* = SPECIALTY ITEMS

IL -43 (HARLEM AVE.)



EXISTING TYPICAL SECTION
STA. 14+57 TO STA. 31+52

IL -43 (HARLEM AVE.)



PROPOSED TYPICAL SECTION
STA. 14+57 TO STA. 31+52

LEGEND - EXISTING:

- (A) HOT-MIX ASPHALT PAVEMENT, 3.0" +/-
- (B) PORTLAND-CEMENT CONCRETE PAVEMENT, 10" +/-
- (C) COMBINATION CONCRETE CURB & GUTTER, B-6.24 & VARIES
- (D) CONC. MEDIAN SURFACE & COMBINATION CONCRETE CURB & GUTTER, B-9.12
- (E) SAND FILL

LEGEND - PROPOSED

- (1) POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80, 1.75"
- (2) HOT-MIX ASPHALT SURFACE REMOVAL, 1.75"
- (3) CONCRETE MEDIAN SURFACE REMOVAL, 4"
- (4) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL, 2"
- (5) TOPSOIL FURNISH & PLACE, VARIABLE DEPTH
- (6) FERTILIZER NUTRIENTS
- (7) EROSION CONTROL BLANKET
- (8) SEEDING CLASS 2A

NOTES:

- 1.) THE CONTRACTOR SHALL DO PATCHES BEFORE MILLING.
- 2.) THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE MILLED SURFACE.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		QUALITY MANAGEMENT PROGRAM (QMP)
MIXTURE TYPE	AIR VOIDS @ Ndes	
SMART OVERLAY		
POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80	3.5% AT 80 GYR	PFP
PATCHING		
CLASS D PATCHES (HMA BINDER IL-19 mm)	4.0% AT 70 GYR	QC/QA
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19 mm)	4.0% AT 70 GYR	QC/QA
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (QCP); PAY FOR PERFORMANCE (PFP)		

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

NOTE 2: THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

NOTE 3: QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.

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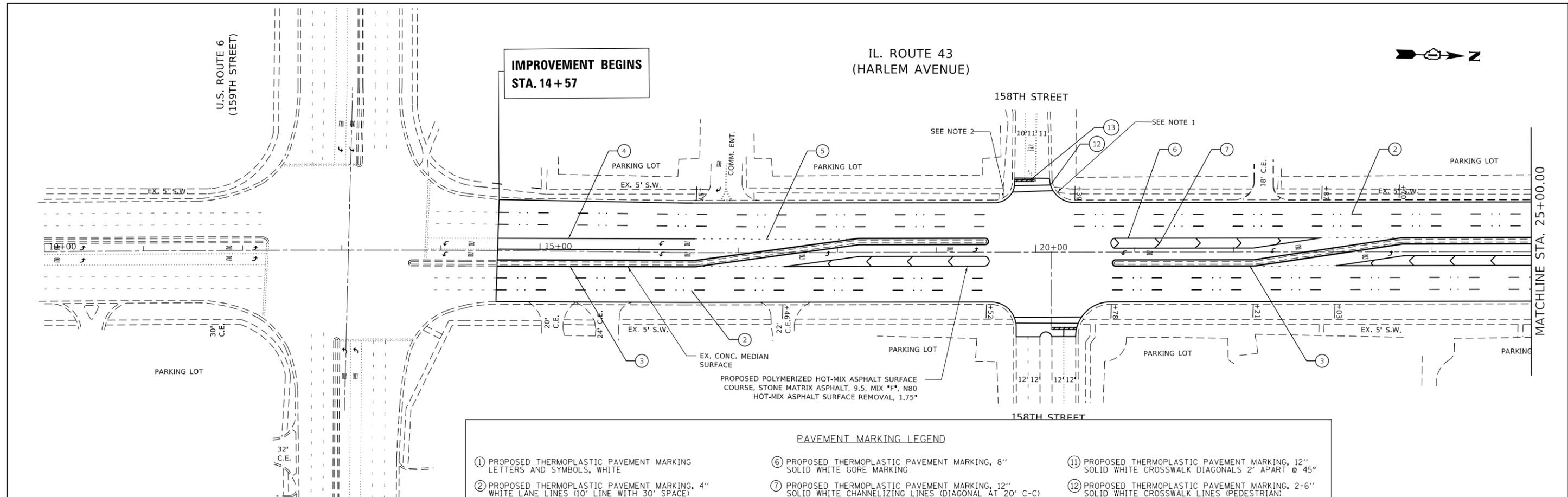
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTIONS	
IL 43 - 111TH ST TO US 6 (159TH ST)	
SCALE:	SHEET OF SHEETS STA. TO STA.

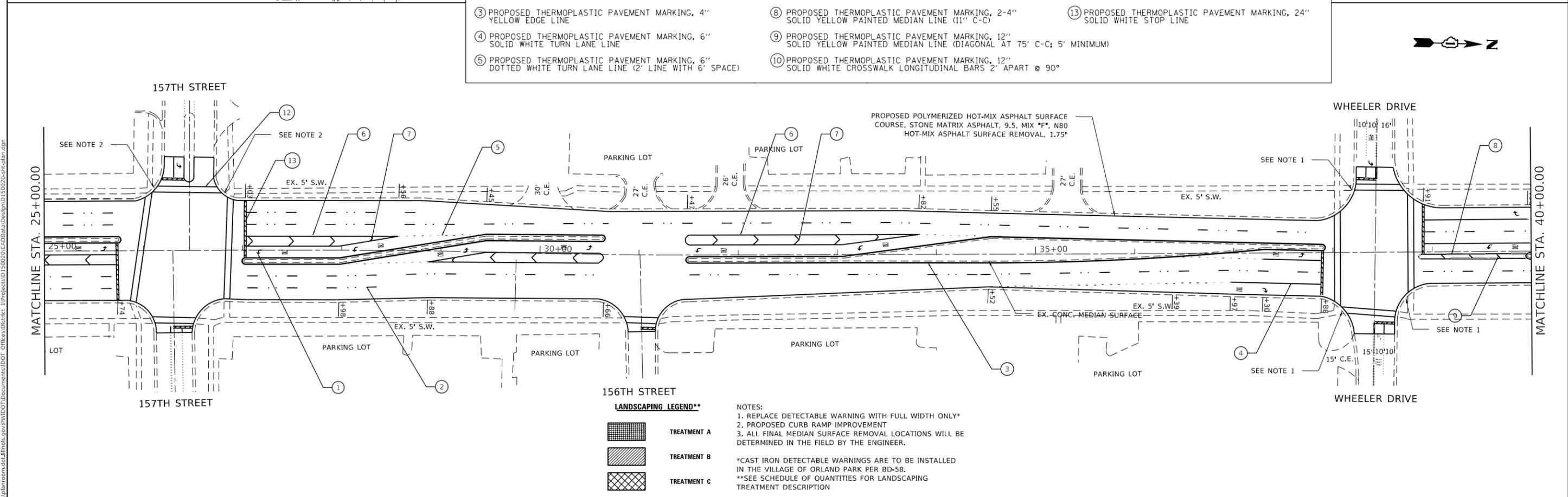
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348	2020-101-R5&SW	COOK	93	8
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62L79	

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PAVEMENT MARKING LEGEND

① PROPOSED THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS, WHITE	⑥ PROPOSED THERMOPLASTIC PAVEMENT MARKING, 8" SOLID WHITE GORE MARKING	⑪ PROPOSED THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE CROSSWALK DIAGONALS 2' APART @ 45°
② PROPOSED THERMOPLASTIC PAVEMENT MARKING, 4" WHITE LANE LINES (10' LINE WITH 30' SPACE)	⑦ PROPOSED THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE CHANNELIZING LINES (DIAGONAL AT 20' C-C)	⑫ PROPOSED THERMOPLASTIC PAVEMENT MARKING, 2-6" SOLID WHITE CROSSWALK LINES (PEDESTRIAN)
③ PROPOSED THERMOPLASTIC PAVEMENT MARKING, 4" YELLOW EDGE LINE	⑧ PROPOSED THERMOPLASTIC PAVEMENT MARKING, 2-4" SOLID YELLOW PAINTED MEDIAN LINE (11" C-C)	⑬ PROPOSED THERMOPLASTIC PAVEMENT MARKING, 24" SOLID WHITE STOP LINE
④ PROPOSED THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE TURN LANE LINE	⑨ PROPOSED THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW PAINTED MEDIAN LINE (DIAGONAL AT 75° C-C; 5' MINIMUM)	
⑤ PROPOSED THERMOPLASTIC PAVEMENT MARKING, 6" DOTTED WHITE TURN LANE LINE (2' LINE WITH 6' SPACE)	⑩ PROPOSED THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE CROSSWALK LONGITUDINAL BARS 2' APART @ 90°	



LANDSCAPING LEGEND**

	TREATMENT A
	TREATMENT B
	TREATMENT C

NOTES:
 1. REPLACE DETECTABLE WARNING WITH FULL WIDTH ONLY*
 2. PROPOSED CURB RAMP IMPROVEMENT
 3. ALL FINAL MEDIAN SURFACE REMOVAL LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

*CAST IRON DETECTABLE WARNINGS ARE TO BE INSTALLED IN THE VILLAGE OF ORLAND PARK PER BD-58.
 **SEE SCHEDULE OF QUANTITIES FOR LANDSCAPING TREATMENT DESCRIPTION

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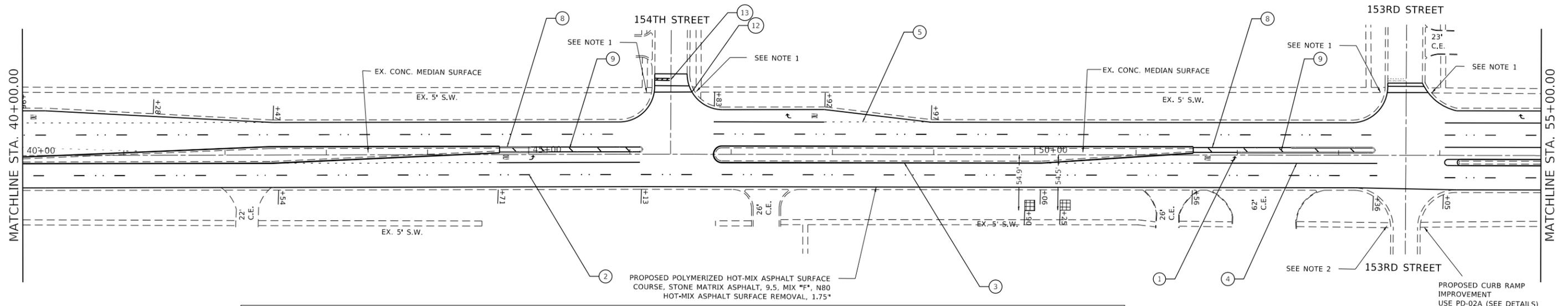
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

EXISTING AND PROPOSED PLAN
IL. ROUTE 43 (HARLEM AVE.) (111TH ST. TO U.S. ROUTE 6 (159TH ST.))

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

F.A.P. RTE. 348	SECTION 2020-101-R5&SW	COUNTY COOK	TOTAL SHEETS 93	SHEET NO. 10
CONTRACT NO. 62L79				
ILLINOIS FED. AID PROJECT				

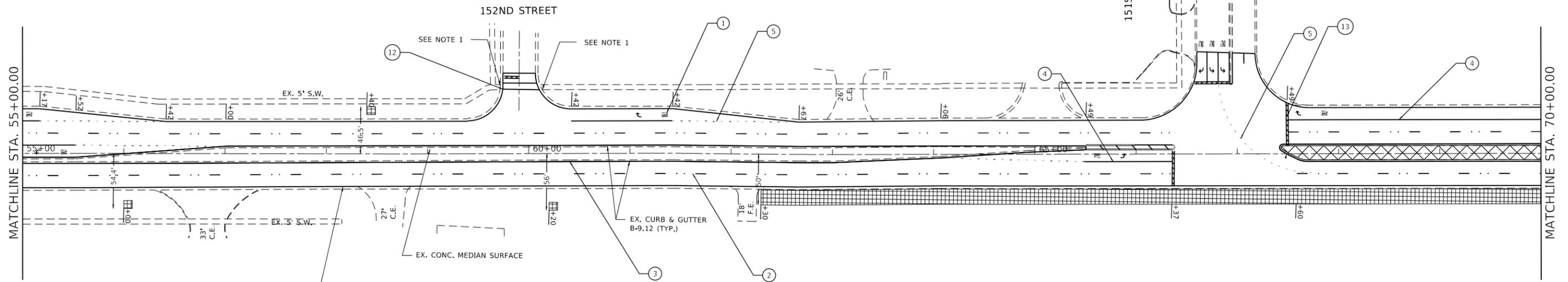
IL. ROUTE 43
(HARLEM AVENUE)



PAVEMENT MARKING LEGEND

<p>① PROPOSED THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS, WHITE</p> <p>② PROPOSED THERMOPLASTIC PAVEMENT MARKING, 4" WHITE LANE LINES (10' LINE WITH 30' SPACE)</p> <p>③ PROPOSED THERMOPLASTIC PAVEMENT MARKING, 4" YELLOW EDGE LINE</p> <p>④ PROPOSED THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE TURN LANE LINE</p> <p>⑤ PROPOSED THERMOPLASTIC PAVEMENT MARKING, 6" DOTTED WHITE TURN LANE LINE (2' LINE WITH 6" SPACE)</p>	<p>⑥ PROPOSED THERMOPLASTIC PAVEMENT MARKING, 8" SOLID WHITE GORE MARKING</p> <p>⑦ PROPOSED THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE CHANNELIZING LINES (DIAGONAL AT 20' C-C)</p> <p>⑧ PROPOSED THERMOPLASTIC PAVEMENT MARKING, 2-4" SOLID YELLOW PAINTED MEDIAN LINE (11" C-C)</p> <p>⑨ PROPOSED THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW PAINTED MEDIAN LINE (DIAGONAL AT 75' C-C; 5' MINIMUM)</p> <p>⑩ PROPOSED THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE CROSSWALK LONGITUDINAL BARS 2' APART @ 90°</p>	<p>⑪ PROPOSED THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE CROSSWALK DIAGONALS 2' APART @ 45°</p> <p>⑫ PROPOSED THERMOPLASTIC PAVEMENT MARKING, 2-6" SOLID WHITE CROSSWALK LINES (PEDESTRIAN)</p> <p>⑬ PROPOSED THERMOPLASTIC PAVEMENT MARKING, 24" SOLID WHITE STOP LINE</p>
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IL. ROUTE 43
(HARLEM AVENUE)



PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80
HOT-MIX ASPHALT SURFACE REMOVAL, 1.75"

LANDSCAPING LEGEND**

	TREATMENT A
	TREATMENT B
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 **SEE SCHEDULE OF QUANTITIES FOR LANDSCAPING TREATMENT DESCRIPTION

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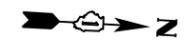
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

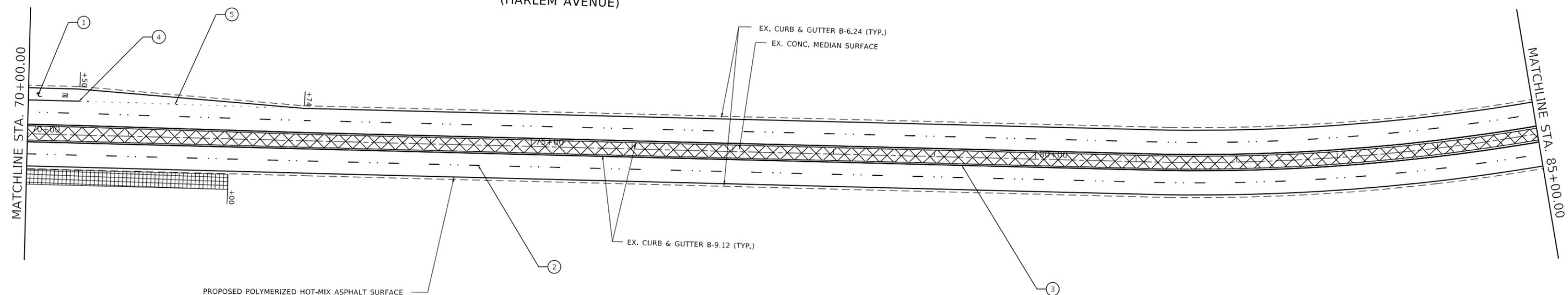
**EXISTING AND PROPOSED PLAN
IL. ROUTE 43 (HARLEM AVE.) (111TH ST. TO U.S. ROUTE 6 (159TH ST.))**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	2020-101-R5&SW	COOK	93	11
CONTRACT NO. 62L79				
ILLINOIS FED. AID PROJECT				

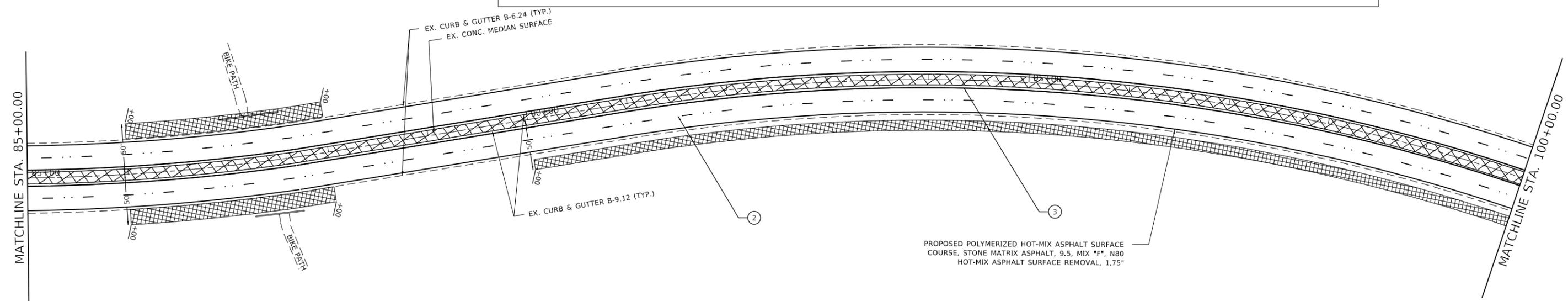


IL. ROUTE 43
(HARLEM AVENUE)



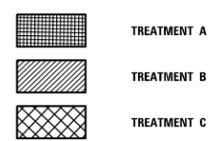
PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80
HOT-MIX ASPHALT SURFACE REMOVAL, 1.75"

PAVEMENT MARKING LEGEND		
① PROPOSED THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS, WHITE	⑥ PROPOSED THERMOPLASTIC PAVEMENT MARKING, 8" SOLID WHITE GORE MARKING	⑪ PROPOSED THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE CROSSWALK DIAGONALS 2' APART @ 45°
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PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80
HOT-MIX ASPHALT SURFACE REMOVAL, 1.75"

LANDSCAPING LEGEND**



NOTES:
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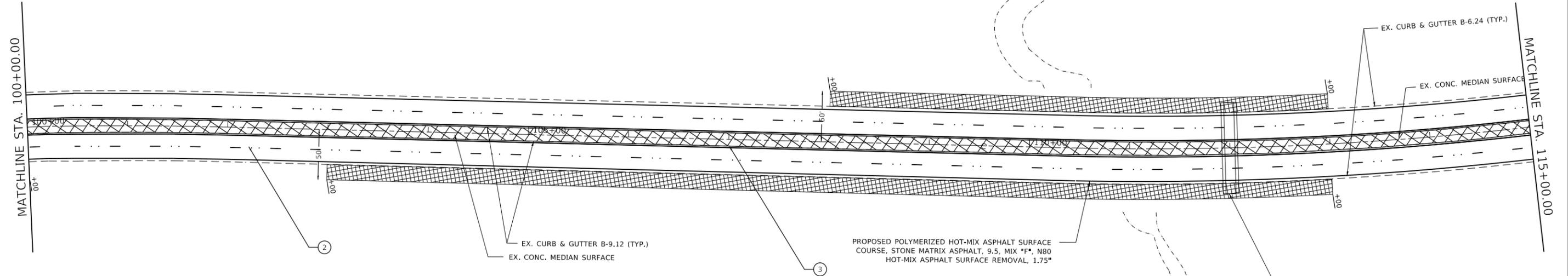
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED PLAN
IL. ROUTE 43 (HARLEM AVE.) (111TH ST. TO U.S. ROUTE 6 (159TH ST.))
SCALE: 1"= 50' SHEET OF SHEETS STA. TO STA.

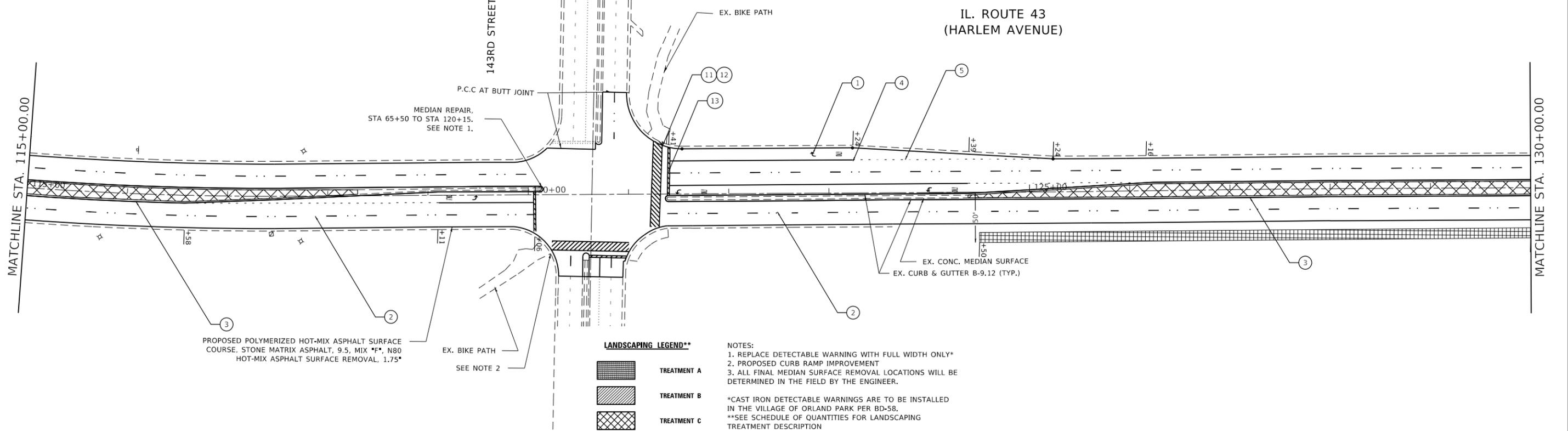
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CONTRACT NO. 62L79				
ILLINOIS FED. AID PROJECT				

IL. ROUTE 43
(HARLEM AVENUE)

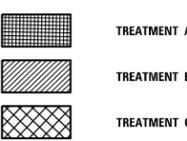


PAVEMENT MARKING LEGEND

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LANDSCAPING LEGEND**



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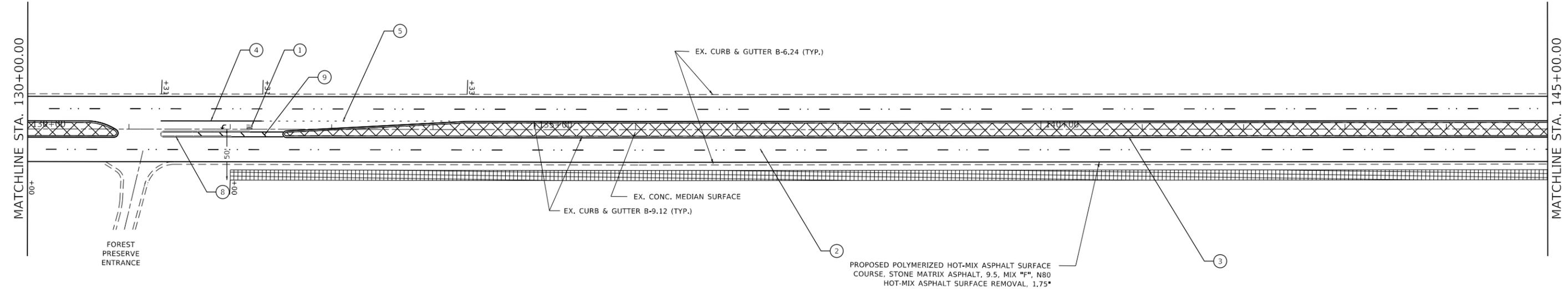
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED PLAN
IL. ROUTE 43 (HARLEM AVE.) (111TH ST. TO U.S. ROUTE 6 (159TH ST.))**

F.A.P. RTE. 348	SECTION 2020-101-R5&SW	COUNTY COOK	TOTAL SHEETS 93	SHEET NO. 13
CONTRACT NO. 62L79				
ILLINOIS FED. AID PROJECT				

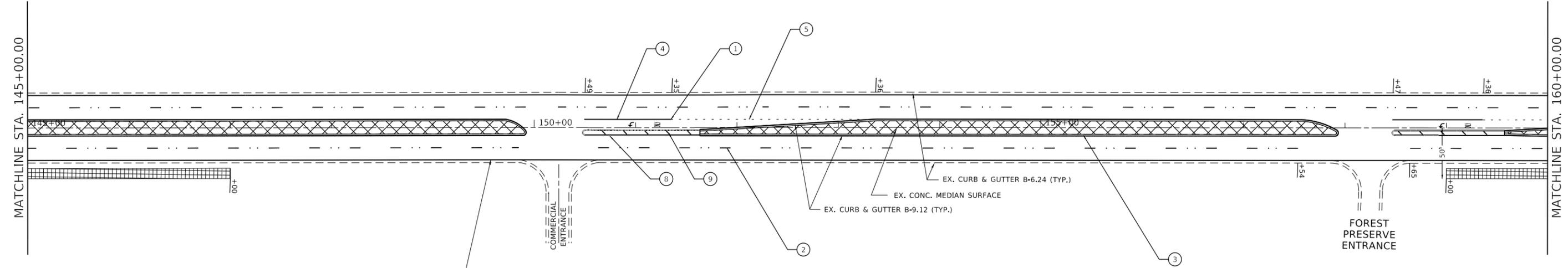
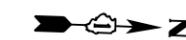
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IL. ROUTE 43
(HARLEM AVENUE)



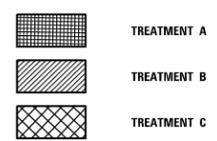
PAVEMENT MARKING LEGEND		
① PROPOSED THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS, WHITE	⑥ PROPOSED THERMOPLASTIC PAVEMENT MARKING, 8" SOLID WHITE GORE MARKING	⑪ PROPOSED THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE CROSSWALK DIAGONALS 2' APART @ 45°
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IL. ROUTE 43
(HARLEM AVENUE)



PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80 HOT-MIX ASPHALT SURFACE REMOVAL, 1.75*

LANDSCAPING LEGEND**



NOTES:
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 **SEE SCHEDULE OF QUANTITIES FOR LANDSCAPING TREATMENT DESCRIPTION

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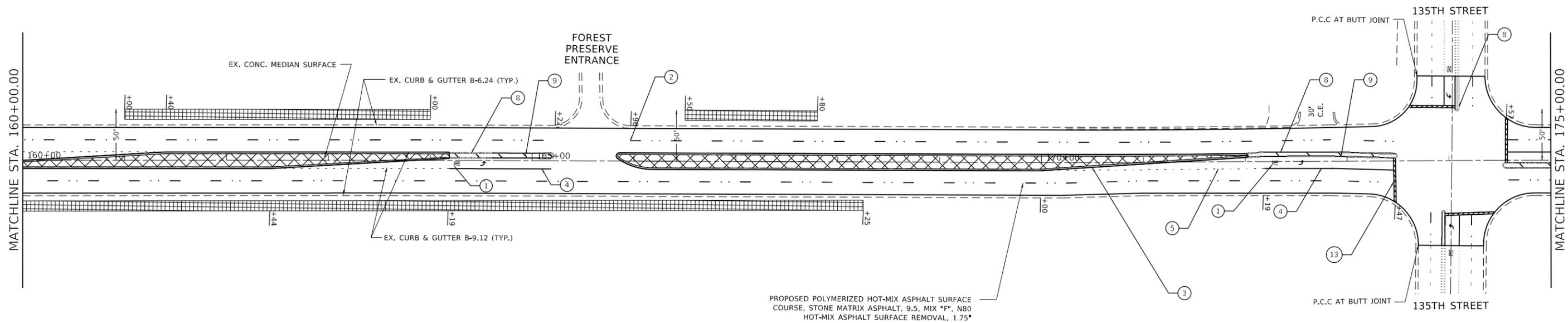
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED PLAN
 IL. ROUTE 43 (HARLEM AVE.) (111TH ST. TO U.S. ROUTE 6 (159TH ST.))
 SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.

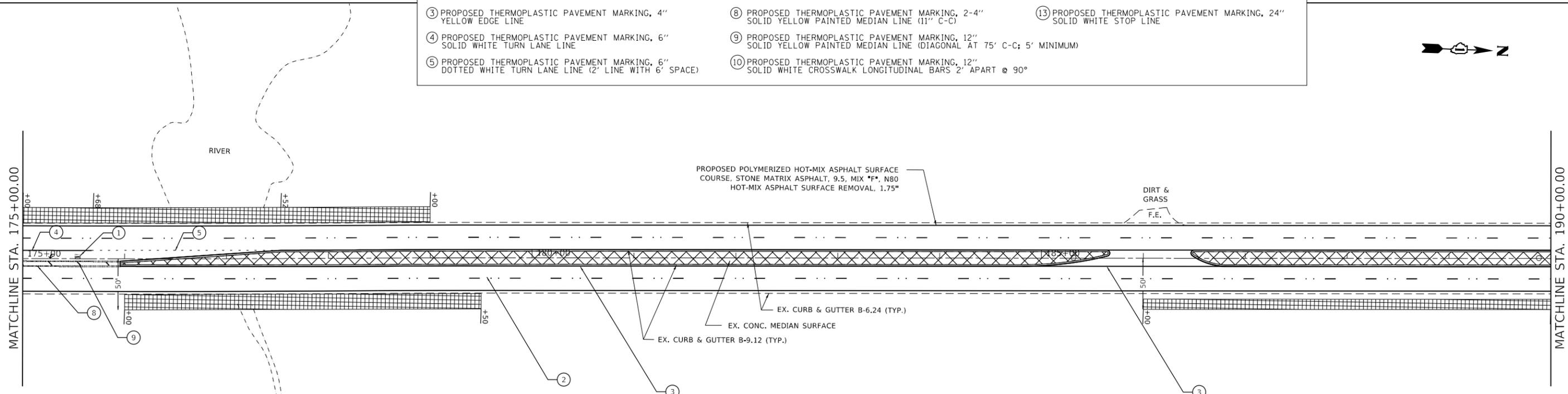
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348	2020-101-R5&SW	COOK	93	14
CONTRACT NO. 62L79				
ILLINOIS FED. AID PROJECT				

IL. ROUTE 43
(HARLEM AVENUE)



PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80
HOT-MIX ASPHALT SURFACE REMOVAL, 1.75"

PAVEMENT MARKING LEGEND		
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LANDSCAPING LEGEND**	
	TREATMENT A
	TREATMENT B
	TREATMENT C

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 **SEE SCHEDULE OF QUANTITIES FOR LANDSCAPING TREATMENT DESCRIPTION

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	DATE -	REVISED -

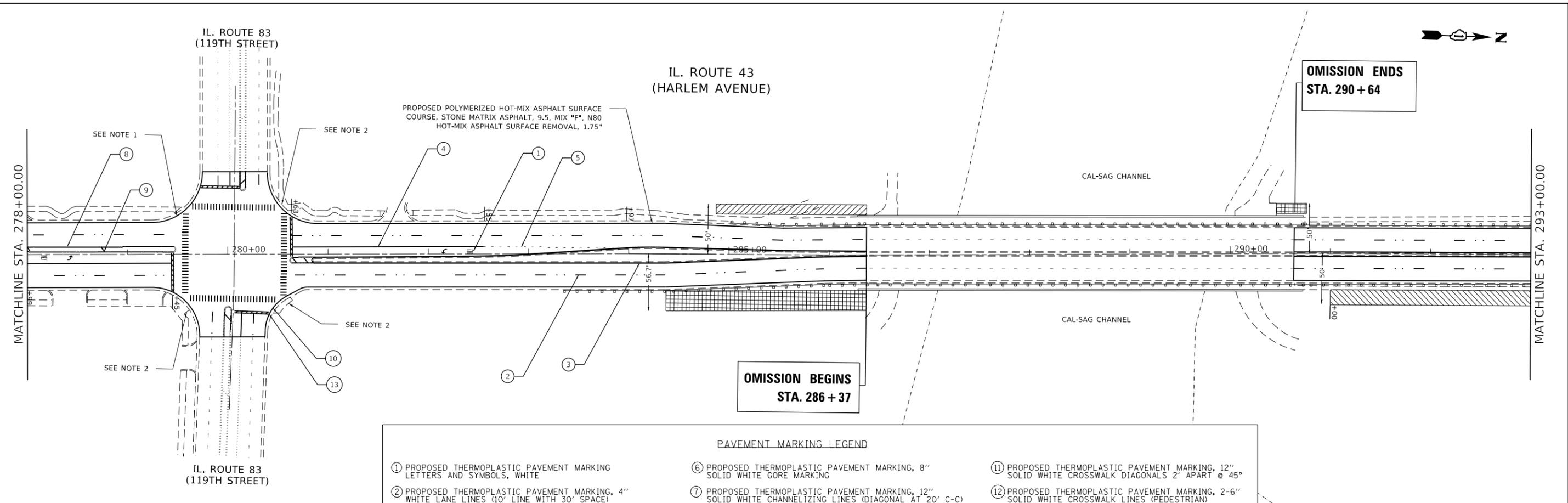
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED PLAN
 IL. ROUTE 43 (HARLEM AVE.) (111TH ST. TO U.S. ROUTE 6 (159TH ST.))
 SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 348	SECTION 2020-101-R5&SW	COUNTY COOK	TOTAL SHEETS 93	SHEET NO. 15
CONTRACT NO. 62L79				
ILLINOIS FED. AID PROJECT				

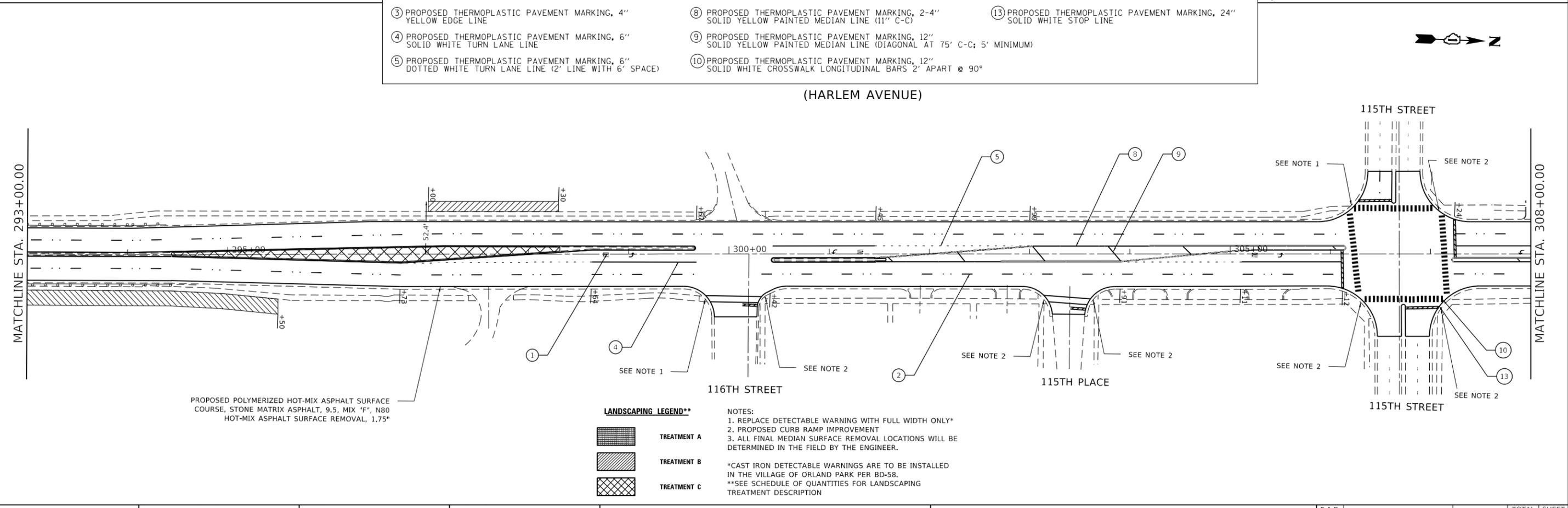
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PAVEMENT MARKING LEGEND

① PROPOSED THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS, WHITE	⑥ PROPOSED THERMOPLASTIC PAVEMENT MARKING, 8" SOLID WHITE GORE MARKING	⑪ PROPOSED THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE CROSSWALK DIAGONALS 2' APART @ 45°
② PROPOSED THERMOPLASTIC PAVEMENT MARKING, 4" WHITE LANE LINES (10' LINE WITH 30' SPACE)	⑦ PROPOSED THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE CHANNELIZING LINES (DIAGONAL AT 20' C-C)	⑫ PROPOSED THERMOPLASTIC PAVEMENT MARKING, 2-6" SOLID WHITE CROSSWALK LINES (PEDESTRIAN)
③ PROPOSED THERMOPLASTIC PAVEMENT MARKING, 4" YELLOW EDGE LINE	⑧ PROPOSED THERMOPLASTIC PAVEMENT MARKING, 2-4" SOLID YELLOW PAINTED MEDIAN LINE (11" C-C)	⑬ PROPOSED THERMOPLASTIC PAVEMENT MARKING, 24" SOLID WHITE STOP LINE
④ PROPOSED THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE TURN LANE LINE	⑨ PROPOSED THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW PAINTED MEDIAN LINE (DIAGONAL AT 75' C-C; 5' MINIMUM)	
⑤ PROPOSED THERMOPLASTIC PAVEMENT MARKING, 6" DOTTED WHITE TURN LANE LINE (2' LINE WITH 6' SPACE)	⑩ PROPOSED THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE CROSSWALK LONGITUDINAL BARS 2' APART @ 90°	



PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80
 HOT-MIX ASPHALT SURFACE REMOVAL, 1.75"

LANDSCAPING LEGEND**

	TREATMENT A
	TREATMENT B
	TREATMENT C

NOTES:
 1. REPLACE DETECTABLE WARNING WITH FULL WIDTH ONLY*
 2. PROPOSED CURB RAMP IMPROVEMENT
 3. ALL FINAL MEDIAN SURFACE REMOVAL LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
 *CAST IRON DETECTABLE WARNINGS ARE TO BE INSTALLED IN THE VILLAGE OF ORLAND PARK PER BD-58.
 **SEE SCHEDULE OF QUANTITIES FOR LANDSCAPING TREATMENT DESCRIPTION

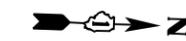
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	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

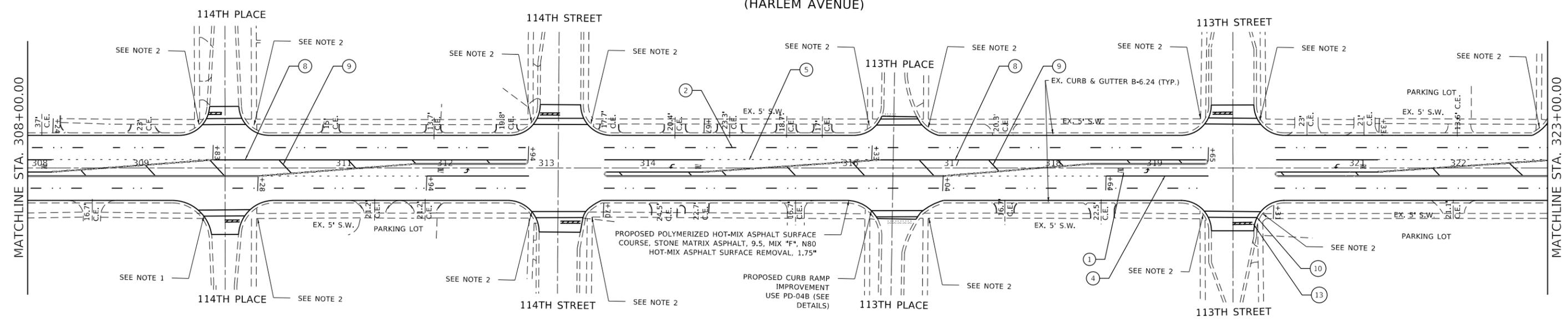
**EXISTING AND PROPOSED PLAN
 IL. ROUTE 43 (HARLEM AVE.) (111TH ST. TO U.S. ROUTE 6 (159TH ST.))**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	2020-101-R5&SW	COOK	93	19
CONTRACT NO. 62L79				
ILLINOIS FED. AID PROJECT				

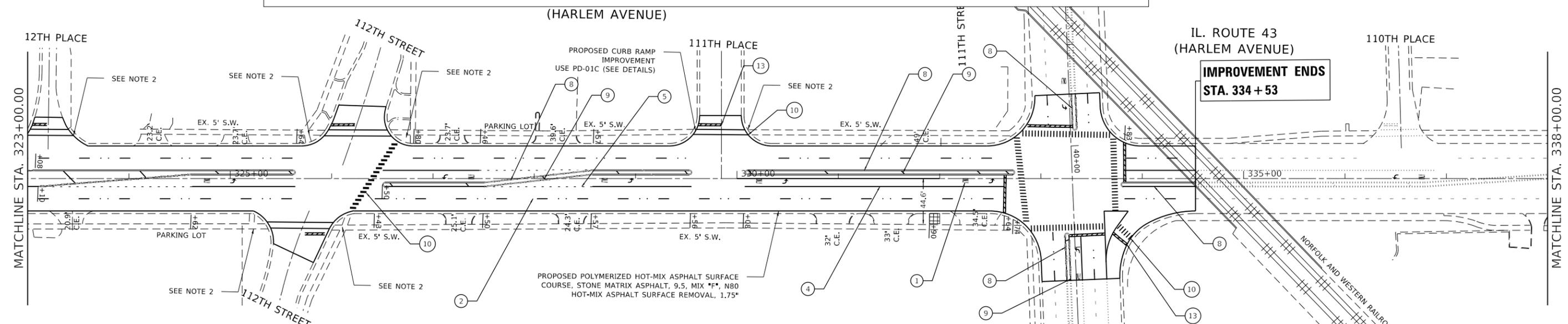


IL. ROUTE 43
(HARLEM AVENUE)



PAVEMENT MARKING LEGEND

① PROPOSED THERMOPLASTIC PAVEMENT MARKING LETTERS AND SYMBOLS, WHITE	⑥ PROPOSED THERMOPLASTIC PAVEMENT MARKING, 8" SOLID WHITE CORE MARKING	⑪ PROPOSED THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE CROSSWALK DIAGONALS 2' APART @ 45°
② PROPOSED THERMOPLASTIC PAVEMENT MARKING, 4" WHITE LANE LINES (10' LINE WITH 30' SPACE)	⑦ PROPOSED THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE CHANNELIZING LINES (DIAGONAL AT 20' C-C)	⑫ PROPOSED THERMOPLASTIC PAVEMENT MARKING, 2-6" SOLID WHITE CROSSWALK LINES (PEDESTRIAN)
③ PROPOSED THERMOPLASTIC PAVEMENT MARKING, 4" YELLOW EDGE LINE	⑧ PROPOSED THERMOPLASTIC PAVEMENT MARKING, 2-4" SOLID YELLOW PAINTED MEDIAN LINE (11" C-C)	⑬ PROPOSED THERMOPLASTIC PAVEMENT MARKING, 24" SOLID WHITE STOP LINE
④ PROPOSED THERMOPLASTIC PAVEMENT MARKING, 6" SOLID WHITE TURN LANE LINE	⑨ PROPOSED THERMOPLASTIC PAVEMENT MARKING, 12" SOLID YELLOW PAINTED MEDIAN LINE (DIAGONAL AT 75' C-C; 5' MINIMUM)	
⑤ PROPOSED THERMOPLASTIC PAVEMENT MARKING, 6" DOTTED WHITE TURN LANE LINE (2' LINE WITH 6' SPACE)	⑩ PROPOSED THERMOPLASTIC PAVEMENT MARKING, 12" SOLID WHITE CROSSWALK LONGITUDINAL BARS 2' APART @ 90°	



LANDSCAPING LEGEND**

	TREATMENT A
	TREATMENT B
	TREATMENT C

NOTES:
 1. REPLACE DETECTABLE WARNING WITH FULL WIDTH ONLY*
 2. PROPOSED CURB RAMP IMPROVEMENT
 3. ALL FINAL MEDIAN SURFACE REMOVAL LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

*CAST IRON DETECTABLE WARNINGS ARE TO BE INSTALLED IN THE VILLAGE OF ORLAND PARK PER BD-58.
 **SEE SCHEDULE OF QUANTITIES FOR LANDSCAPING TREATMENT DESCRIPTION

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	DATE -	REVISED -

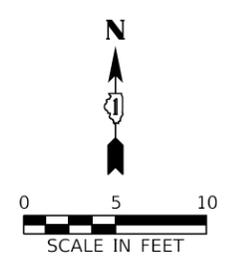
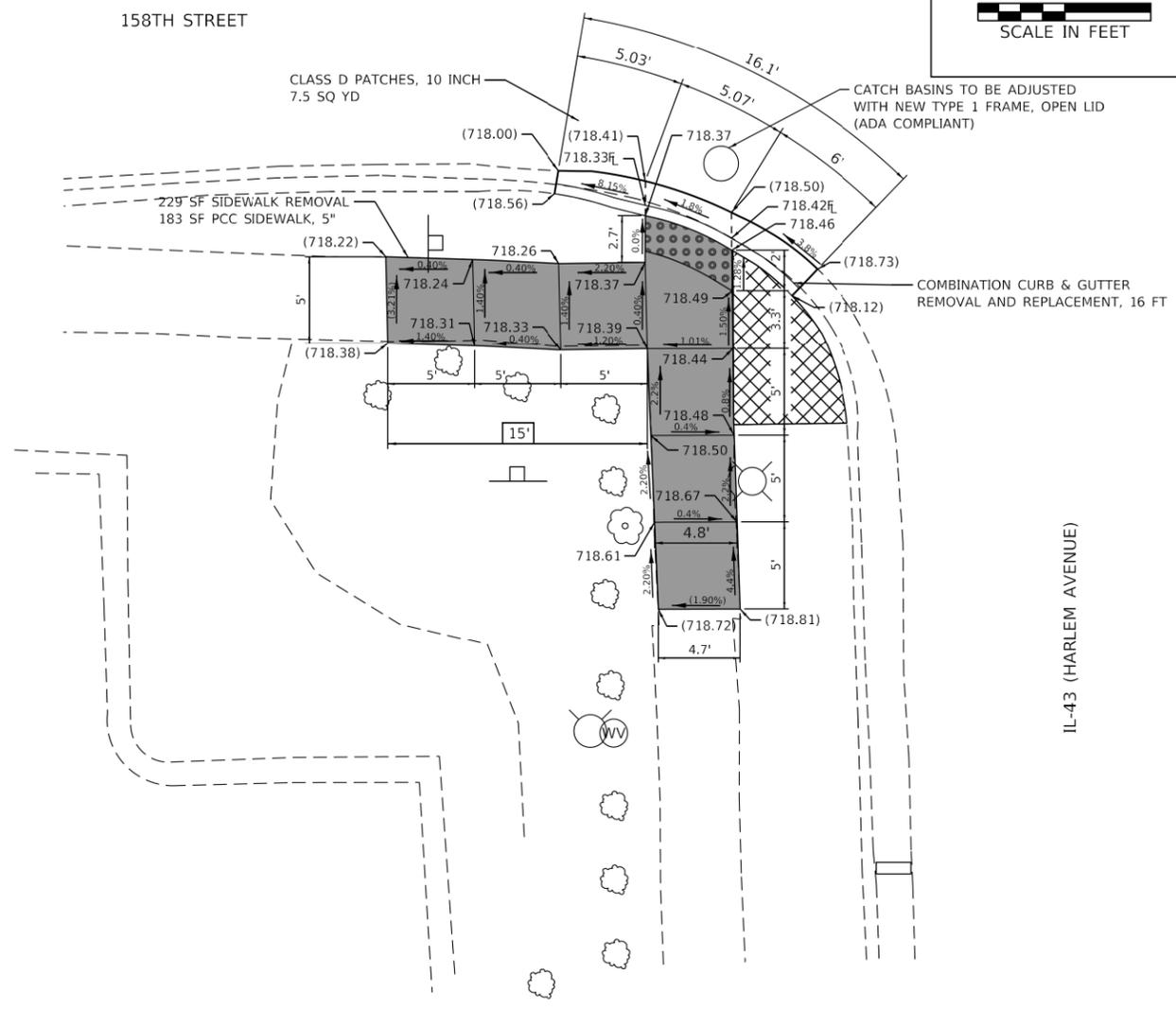
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EXISTING AND PROPOSED PLAN
IL. ROUTE 43 (HARLEM AVE.) (111TH ST. TO U.S. ROUTE 6 (159TH ST.))

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	2020-101-R5&SW	COOK	93	20
CONTRACT NO. 62L79				
ILLINOIS FED. AID PROJECT				

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 LICENSE NO. - 184-001121 - EXPIRES 4/30/2021
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NOTE:

ESTIMATED QUANTITIES FOR PAVEMENT PATCHING WAS CALCULATED AS 4 FT OUT ALONG THE LENGTH OF CURB.

REFERENCE BENCHMARK ELEV 718.43
 BENCHMARK: TOP OF THE EAST ANTENNA FLANGE BOLT OF FIRE HYDRANT
 LOCATED AT SOUTHWEST CORNER OF 158th STREET & HARLEM AVENUE.

REFERENCE BENCHMARK ELEV 718.46
 BENCHMARK: "X" ON SIDEWALK, NORTHERN: 1798750.43 EASTERN: 1131632.30

LEGEND

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



USER NAME = morning	DESIGNED - CJC	REVISED -	REVISED -
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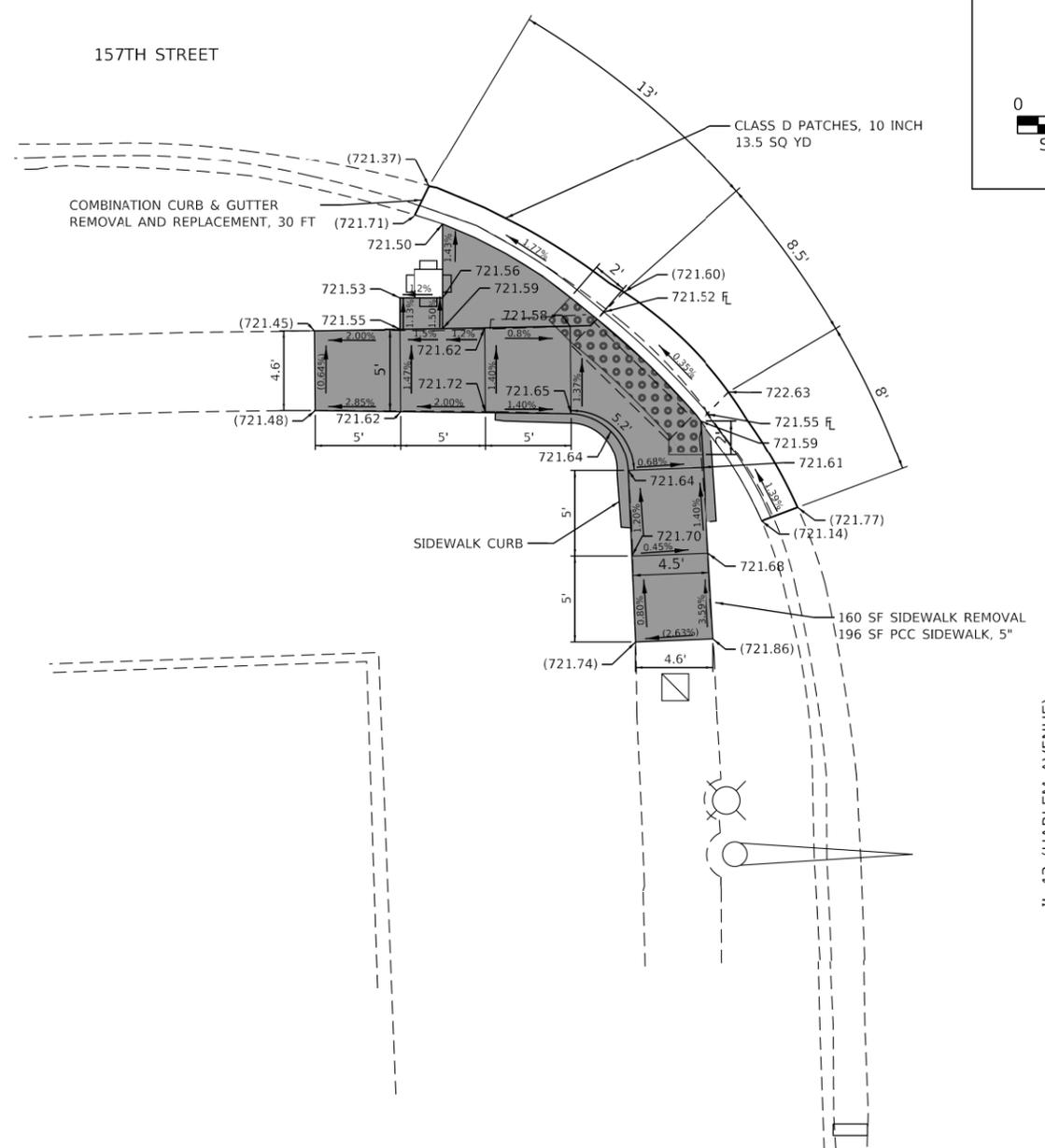
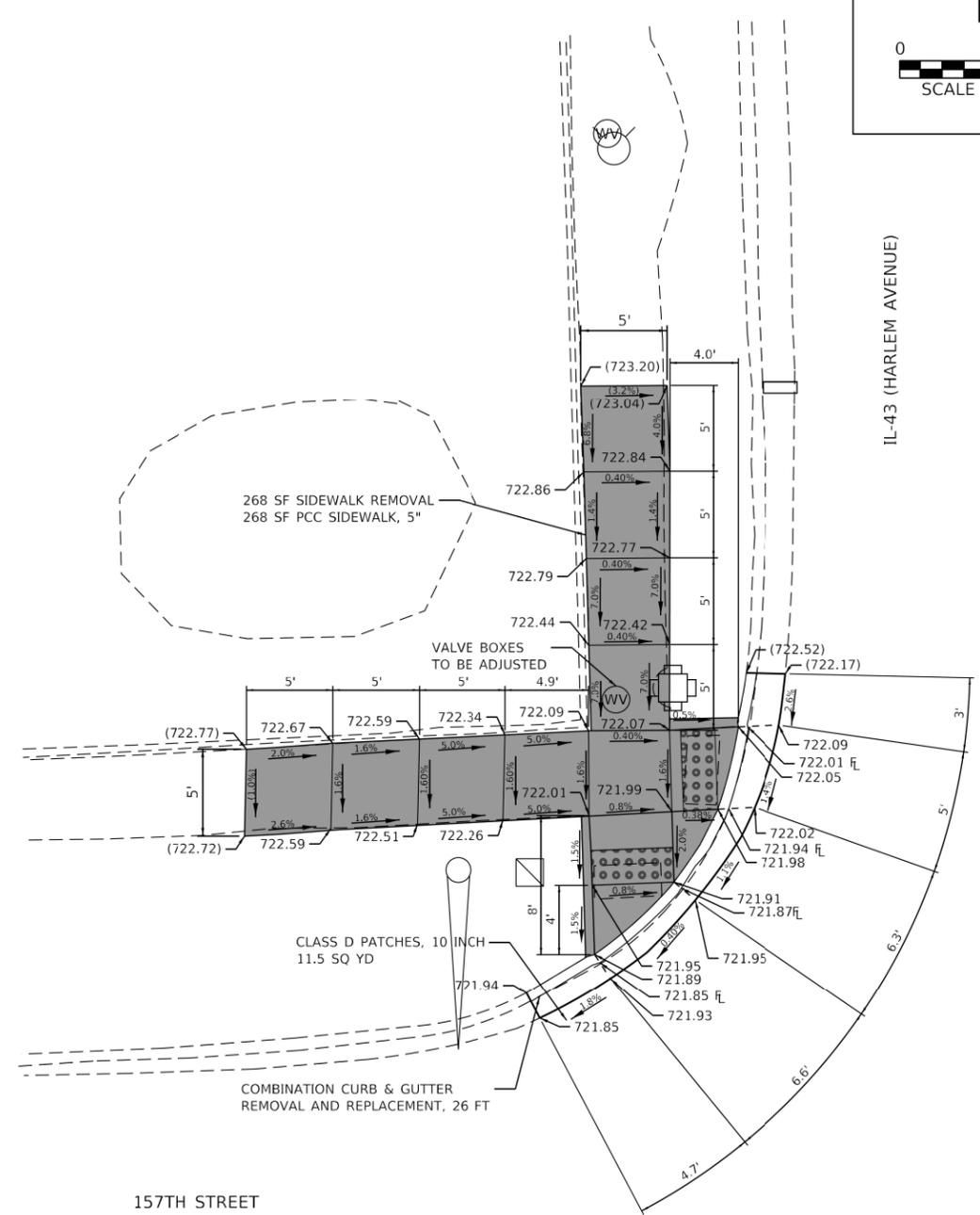
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ADA SIDEWALK DETAILS
IL-43 (HARLEM AVE) FROM 111TH TO US 6 (159TH ST)

SCALE: 1"=5' SHEET 12 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	2020-101-R5&SW	COOK	93	21
CONTRACT NO. 62L79				
ILLINOIS FED. AID PROJECT				

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NOTE:

ESTIMATED QUANTITIES FOR PAVEMENT PATCHING WAS CALCULATED AS 4 FT OUT ALONG THE LENGTH OF CURB.

REFERENCE BENCHMARK ELEV 725.00
 BENCHMARK: TOP OF THE WEST ANTENNA FLANGE BOLT OF FIRE HYDRANT LOCATED AT SOUTHWEST CORNER OF 157th STREET & HARLEM AVENUE.
 REFERENCE BENCHMARK ELEV 723.05
 BENCHMARK: "X" ON SIDEWALK, NORTHERN: 1799524.74 EASTERN: 1131611.42

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

REFERENCE BENCHMARK ELEV 725.00
 BENCHMARK: TOP OF THE WEST ANTENNA FLANGE BOLT OF FIRE HYDRANT LOCATED AT SOUTHWEST CORNER OF 157th STREET & HARLEM AVENUE.
 REFERENCE BENCHMARK ELEV 721.82
 BENCHMARK: "X" ON SIDEWALK, NORTHERN: 1799379.66 EASTERN: 1131613.60

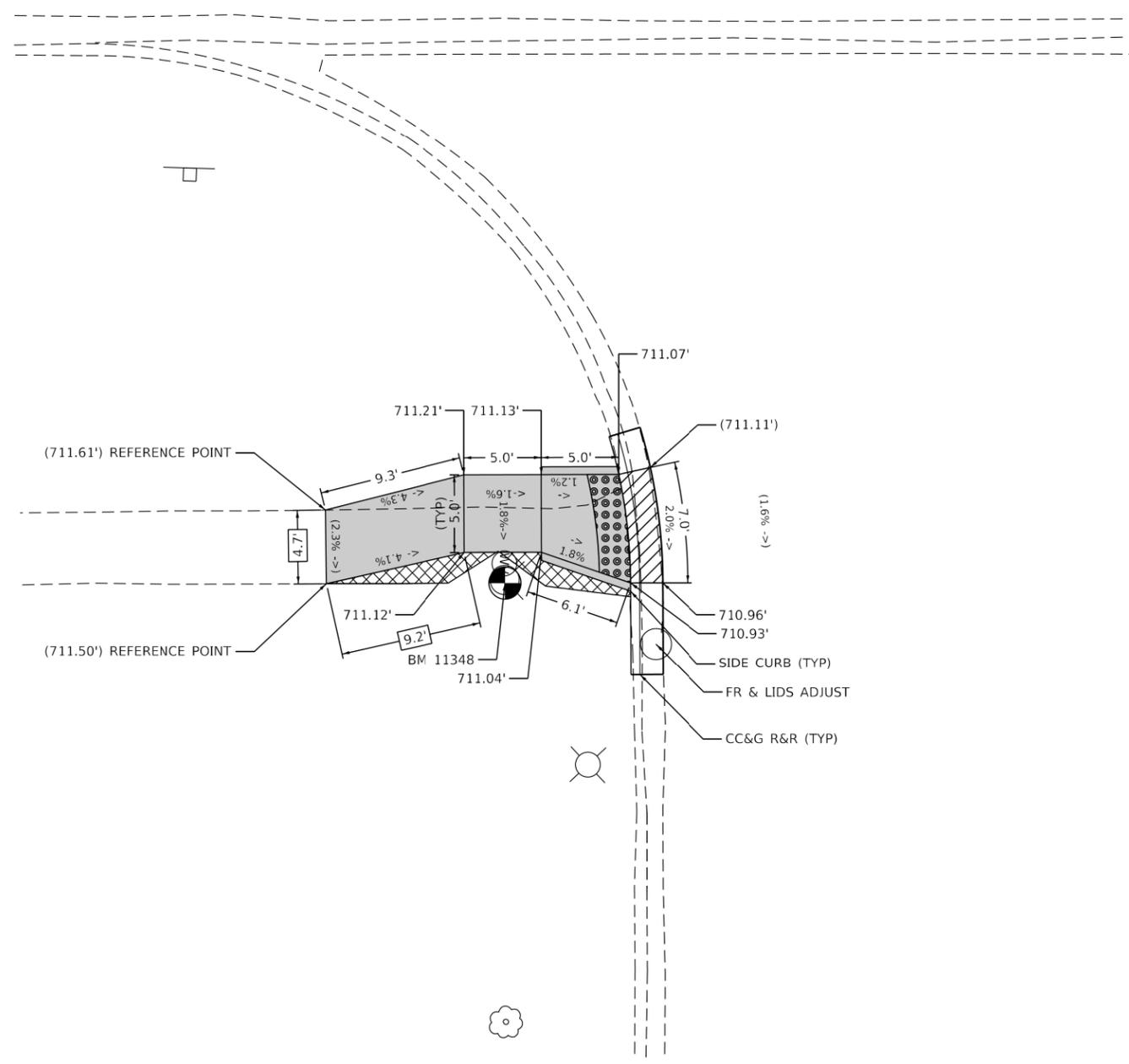
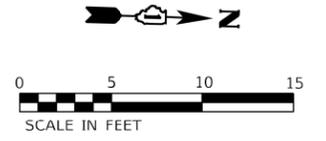
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA SIDEWALK DETAILS			
IL-43 (HARLEM AVE) FROM 111TH TO US 6 (159TH ST)			
SCALE: 1"=5'	SHEET 11	OF 12 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	2020-101-R5&SW	COOK	93	22
CONTRACT NO. 62L79				
ILLINOIS FED. AID PROJECT				

IL 43 (HARLEM AVE)



153RD ST

NOTES:

- REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
- AT DEPRESSED CURBS, ADJACENT TO CURB RAMPS ACCESSIBLE TO THE DISABLED, THE GUTTER FLAG SLOPE SHALL BE -5% UNLESS NOTED OTHERWISE.

REFERENCE BENCHMARK: BM 11348 EL 712.16
 BENCHMARK: TOP OF E FLANGE BOLT OF FH
 LOCATION: SE COR OF 153RD ST AND (IL 43) HARLEM AVE

LEGEND

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

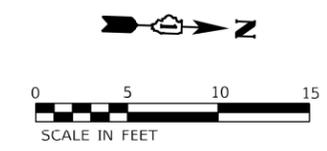
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

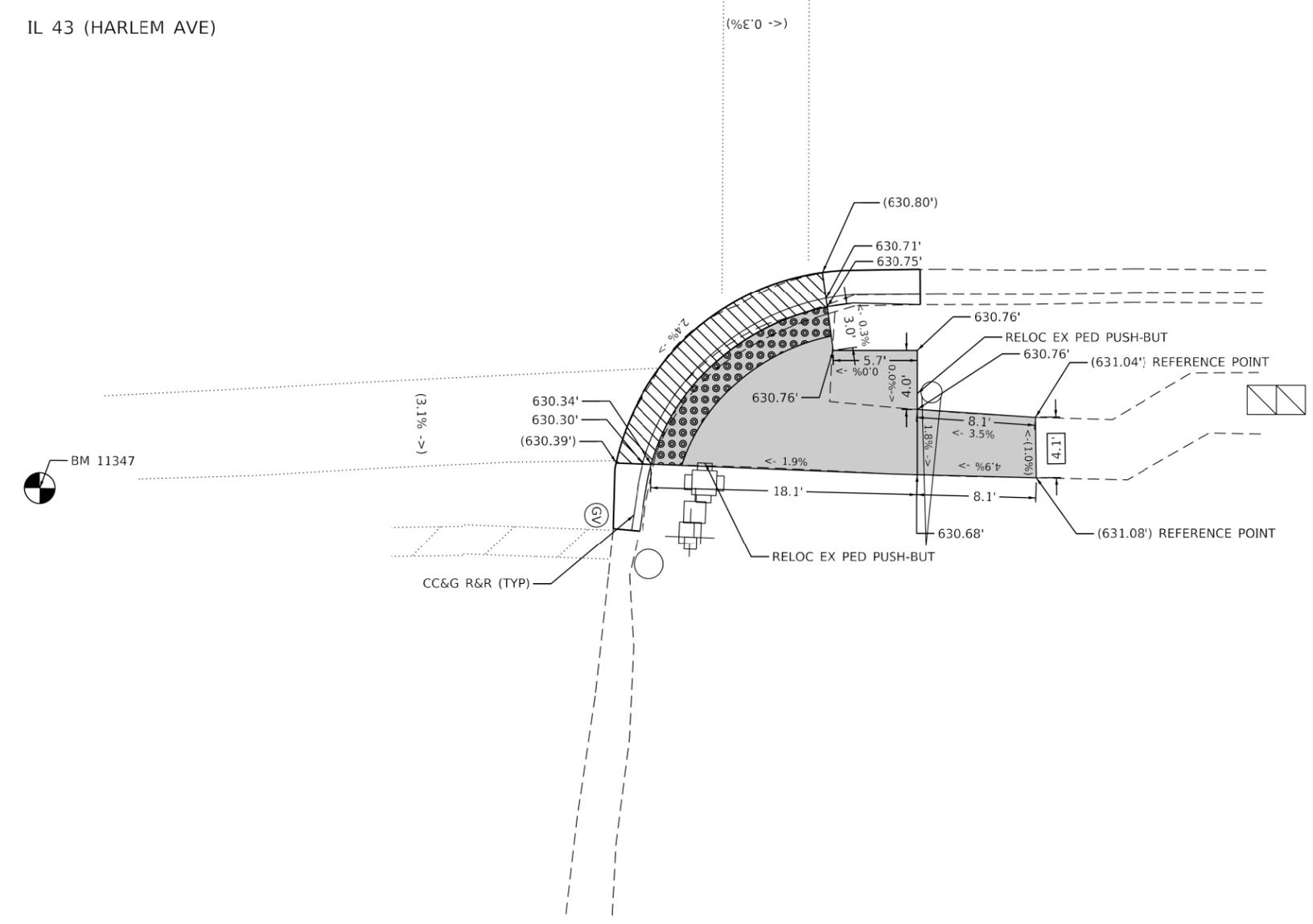
ADA RAMP DETAILS	
IL 43 (HARLEM AVE) AT 153RD ST	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	2020-101-R5&SW	COOK	93	23
CONTRACT NO. 62L79				
ILLINOIS FED. AID PROJECT				



IL 43 (HARLEM AVE)

131ST ST



NOTES:

- REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
- AT DEPRESSED CURBS, ADJACENT TO CURB RAMPS ACCESSIBLE TO THE DISABLED, THE GUTTER FLAG SLOPE SHALL BE -5% UNLESS NOTED OTHERWISE.

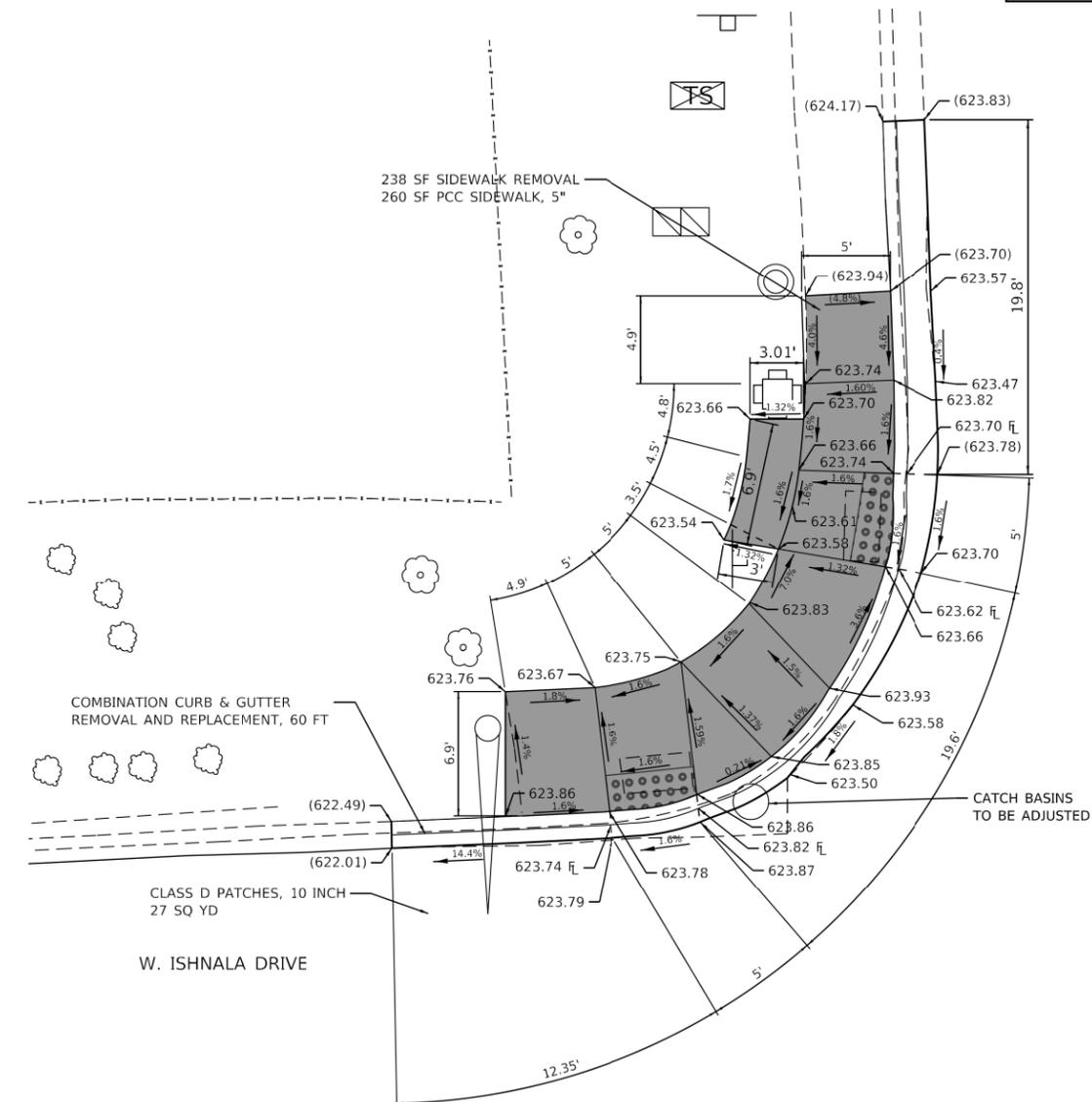
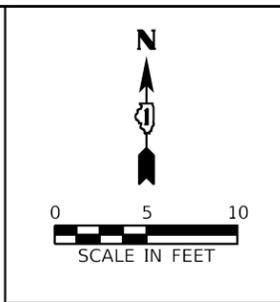
REFERENCE BENCHMARK: BM 11347 EL 630.96
 BENCHMARK: TOP OF SQUARE CUT ON CONC BASE
 LOCATION: SE COR OF 131ST ST AND (IL 43) HARLEM AVE

LEGEND

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

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	PLOT DATE = 10/9/2020	DATE - 10/02/2020	REVISED -			CONTRACT NO. 62L79					
						ILLINOIS FED. AID PROJECT					
SCALE:		SHEET OF SHEETS		STA. TO STA.							



NOTE:

ESTIMATED QUANTITIES FOR PAVEMENT PATCHING WAS CALCULATED AS 4 FT OUT ALONG THE LENGTH OF CURB.

REFERENCE BENCHMARK ELEV 623.90
 BENCHMARK: TOP OF THE SQUARE CUT ON CONCRETE BASE LOCATED AT
 SOUTHWEST CORNER OF W. ISHNALA DRIVE & HARLEM AVENUE.
 REFERENCE BENCHMARK ELEV 624.02
 BENCHMARK: "X" ON SIDEWALK, NORTHERN: 1818478.78 EASTERN: 1130994.75

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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 STATE OF ILLINOIS - PROFESSIONAL DESIGN FIRM
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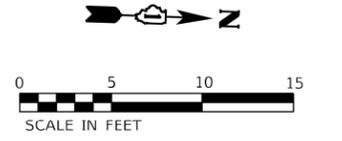
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ADA SIDEWALK DETAILS
IL-43 (HARLEM AVE) FROM 111TH TO US 6 (159TH ST)

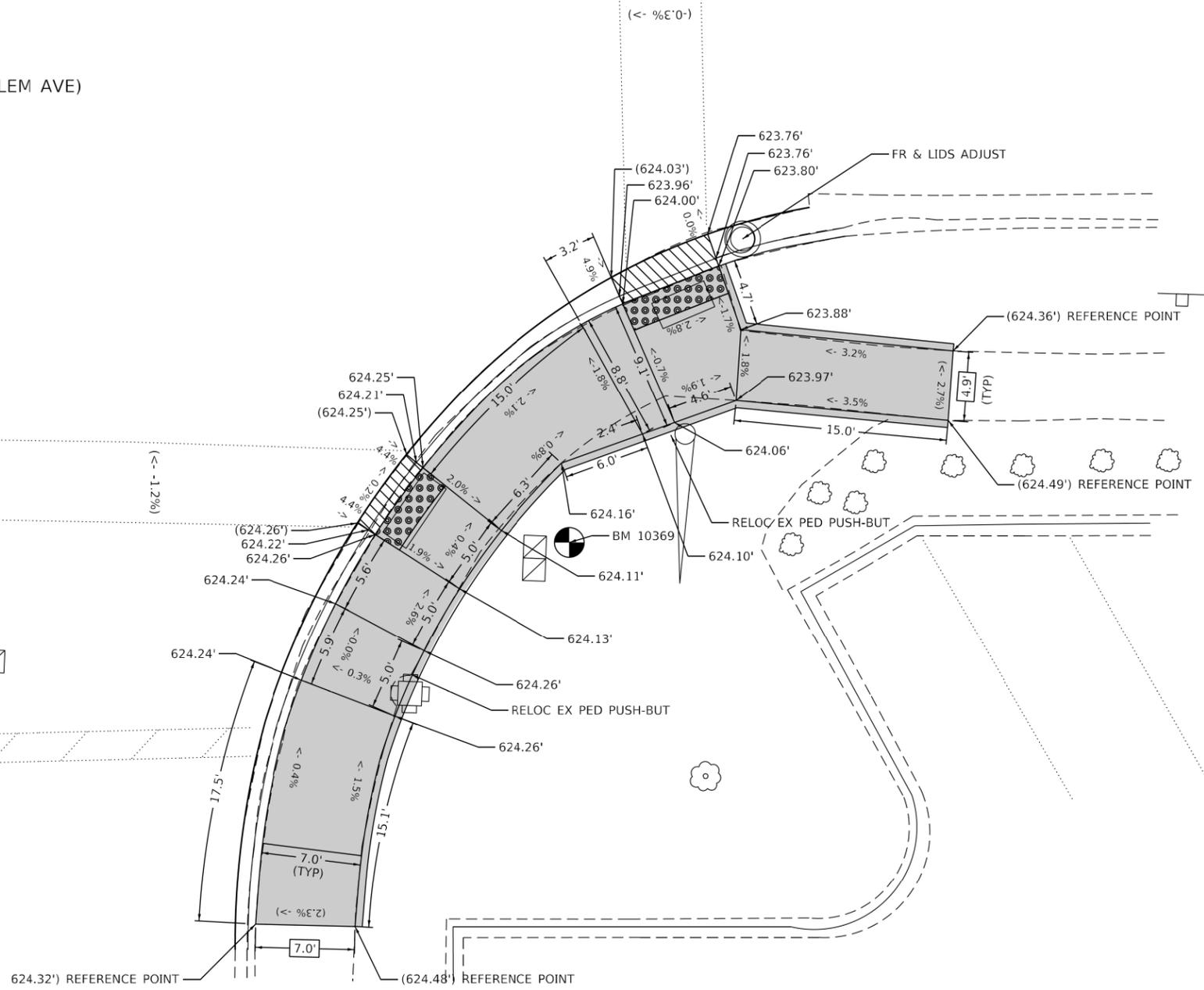
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	2020-101-R5&SW	COOK	93	27
CONTRACT NO. 62L79				
ILLINOIS FED. AID PROJECT				

IL 43 (HARLEM AVE)



ISHNALA DR



NOTES:

- REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
- AT DEPRESSED CURBS, ADJACENT TO CURB RAMPS ACCESSIBLE TO THE DISABLED, THE GUTTER FLAG SLOPE SHALL BE -5% UNLESS NOTED OTHERWISE.

REFERENCE BENCHMARK: BM 10369 EL 624.79
 BENCHMARK: TOP OF SQUARE CUT ON N LINE OF TRAFFIC HH
 LOCATION: NE COR OF ISHNALA DR AND (IL 43) HARLEM AVE

LEGEND

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

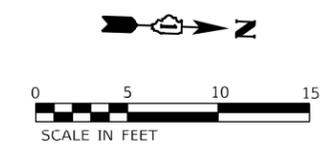
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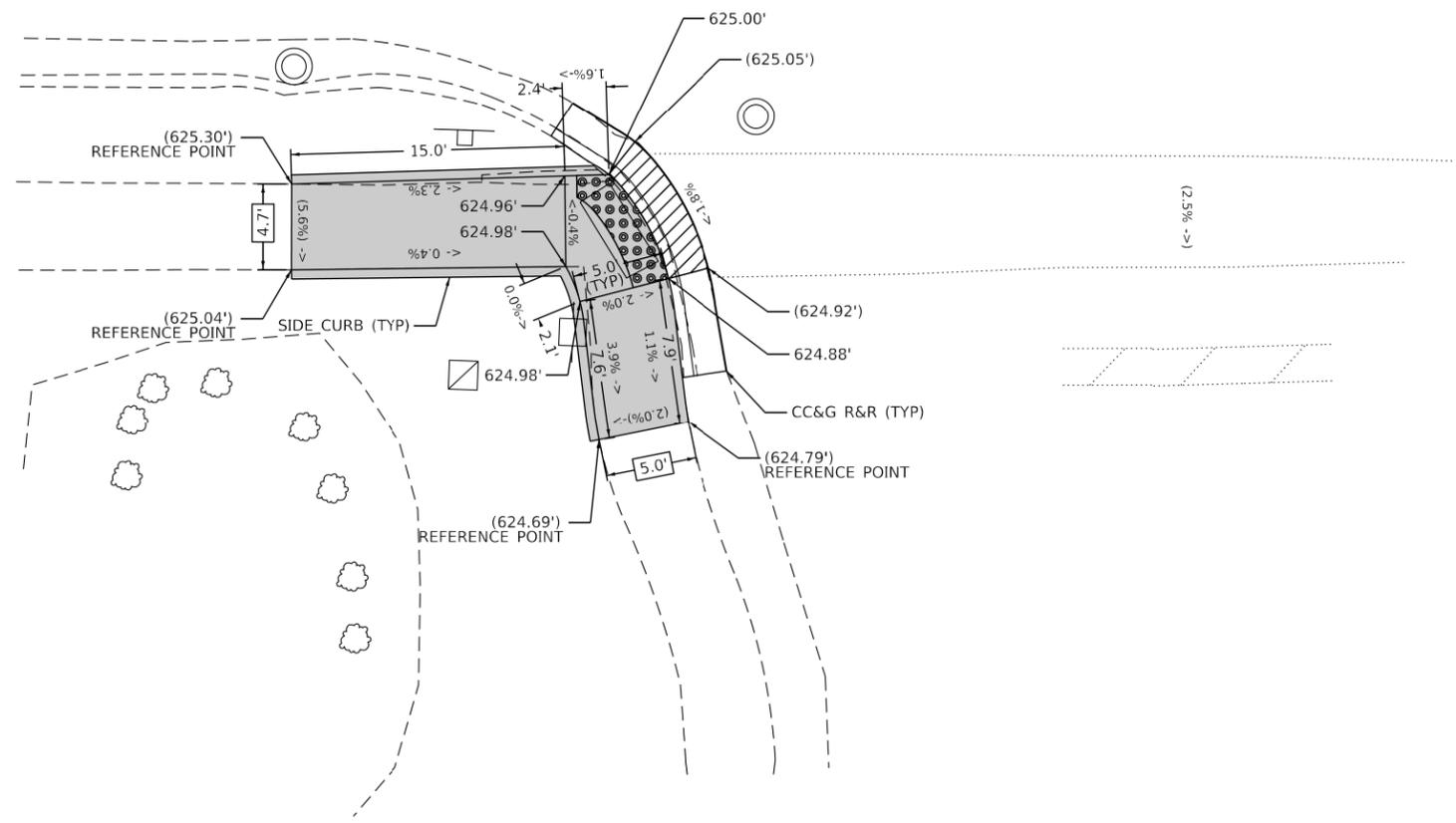
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ADA RAMP DETAILS		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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SCALE:		SHEET OF SHEETS		STA. TO STA.		CONTRACT NO. 62L79

ILLINOIS		FED. AID PROJECT	
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IL 43 (HARLEM AVE)



- NOTES:**
- REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
 - AT DEPRESSED CURBS, ADJACENT TO CURB RAMPS ACCESSIBLE TO THE DISABLED, THE GUTTER FLAG SLOPE SHALL BE -5% UNLESS NOTED OTHERWISE.

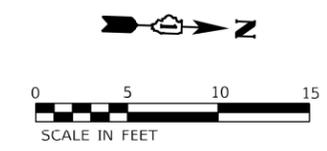
REFERENCE BENCHMARK: BM 9975 EL 625.52
 BENCHMARK: TOP OF E ANTENNA FLANGE BOLT OF FH
 LOCATION: NE COR OF 126TH ST AND (IL 43) HARLEM AVE

LEGEND

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

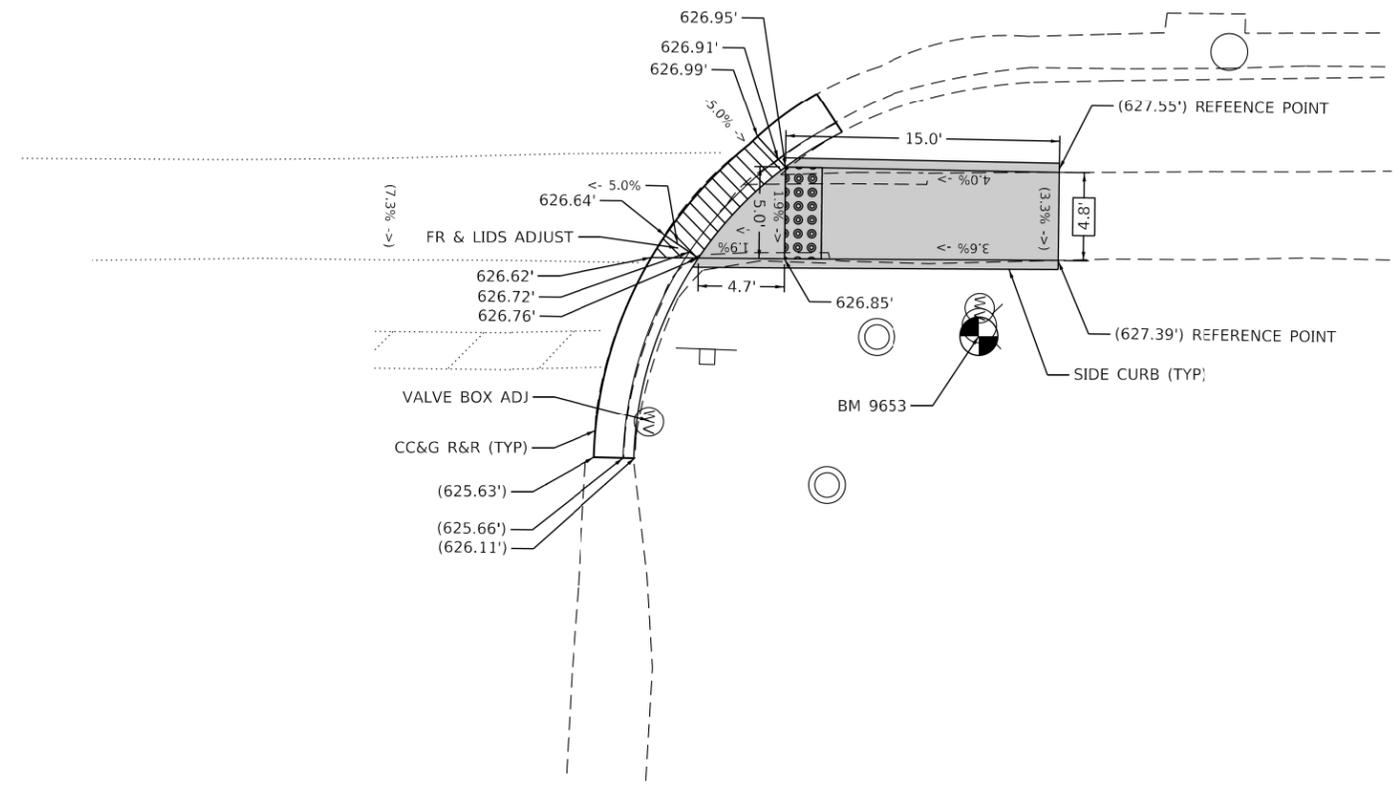
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	PLOT SCALE = 10.0000' / ft.	CHECKED - RG	REVISED -				2020-101-R5&SW	COOK	93	30			
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									ILLINOIS FED. AID PROJECT				



IL 43 (HARLEM AVE)

125TH ST



NOTES:

- REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
- AT DEPRESSED CURBS, ADJACENT TO CURB RAMP ACCESSIBLE TO THE DISABLED, THE GUTTER FLAG SLOPE SHALL BE -5% UNLESS NOTED OTHERWISE.

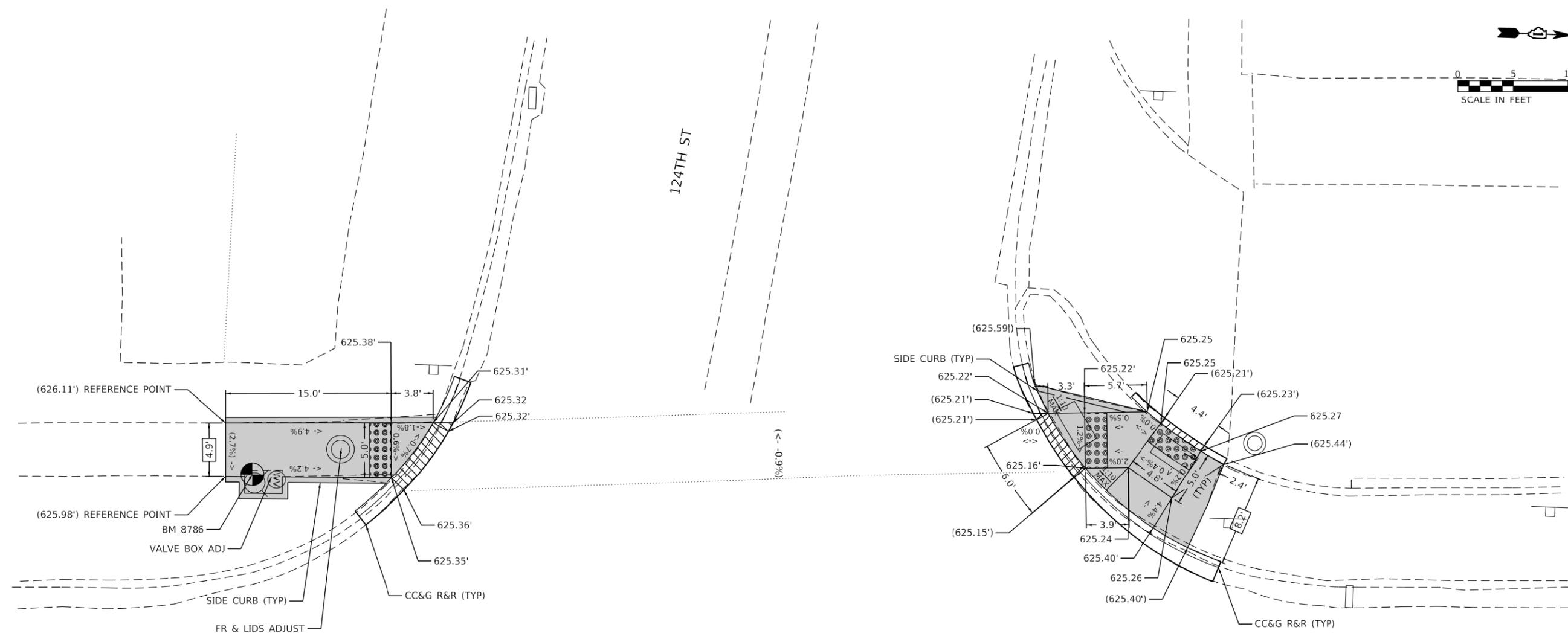
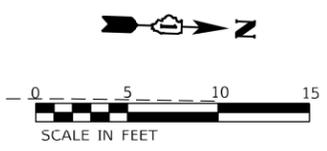
REFERENCE BENCHMARK: BM 9653 EL 627.96
 BENCHMARK: TOP OF E ANTENNA FLANGE BOLT OF FH
 LOCATION: NE COR OF 125TH ST AND (IL 43) HARLEM AVE

LEGEND

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

MODEL: Default
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	SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.



IL 43 (HARLEM AVE)

- NOTES:**
- REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
 - AT DEPRESSED CURBS, ADJACENT TO CURB RAMPS ACCESSIBLE TO THE DISABLED, THE GUTTER FLAG SLOPE SHALL BE -5% UNLESS NOTED OTHERWISE.

REFERENCE BENCHMARK: BM 8786 EL 626.64
 BENCHMARK: TOP OF W ANTENNA BOLT OF FH
 LOCATION: SW COR OF 124TH ST AND (IL 43) HARLEM AVE

LEGEND

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

MODEL: Default
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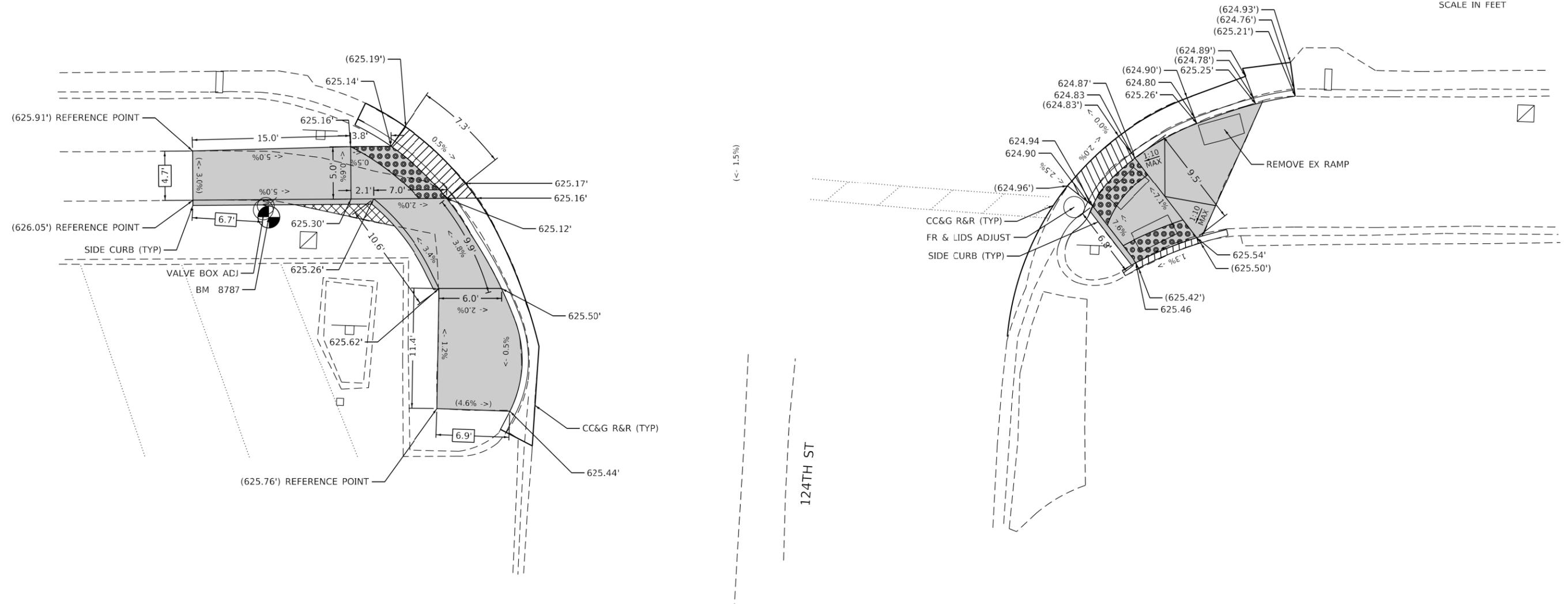
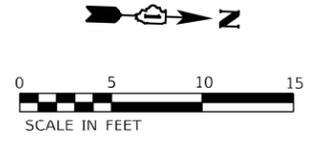
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PLOT DATE = 10/9/2020	DATE - 10/02/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ADA RAMP DETAILS			
IL 43 (HARLEM AVE) AT 124TH ST			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	2020-101-R5&SW	COOK	93	33
CONTRACT NO. 62L79				
ILLINOIS FED. AID PROJECT				

IL 43 (HARLEM AVE)



NOTES:

- REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
- AT DEPRESSED CURBS, ADJACENT TO CURB RAMPS ACCESSIBLE TO THE DISABLED, THE GUTTER FLAG SLOPE SHALL BE -5% UNLESS NOTED OTHERWISE.

REFERENCE BENCHMARK: BM 8787 EL 627.76
 BENCHMARK: TOP OF E ANTENNA FLANGE BOLT OF FH
 LOCATION: SE COR OF 124TH ST AND (IL 43) HARLEM AVE

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

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

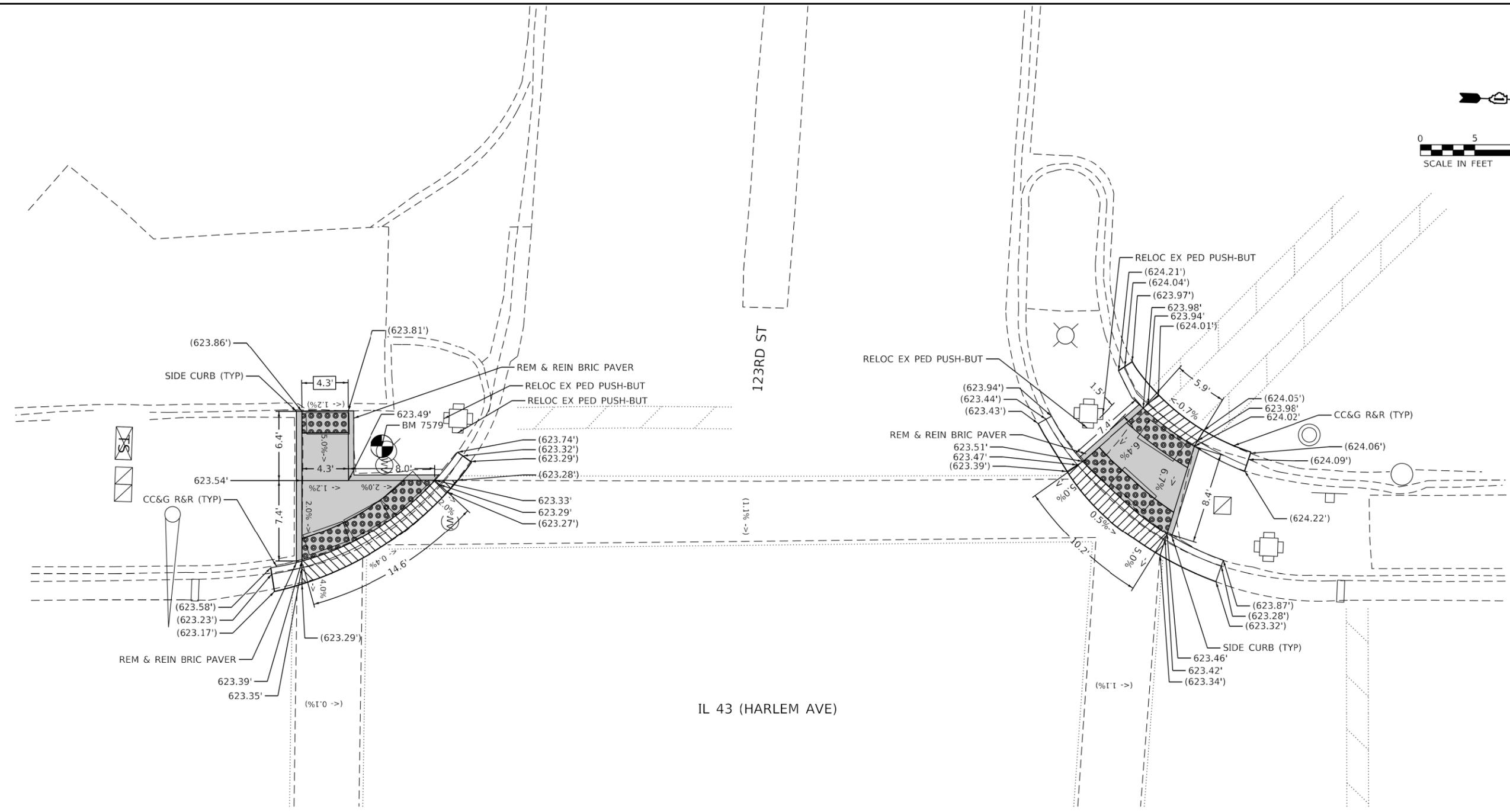
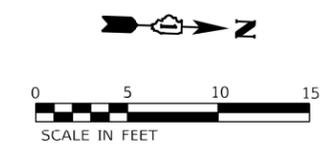
ADA RAMP DETAILS
 IL 43 (HARLEM AVE) AT 124TH ST

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PLOT DATE = 10/9/2020	DATE - 10/02/2020	REVISED -

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	2020-101-R5&SW	COOK	93	34
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62L79	

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- NOTES:**
- REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
 - AT DEPRESSED CURBS, ADJACENT TO CURB RAMPS ACCESSIBLE TO THE DISABLED, THE GUTTER FLAG SLOPE SHALL BE -5% UNLESS NOTED OTHERWISE.

REFERENCE BENCHMARK: BM 7579 EL 625.02
 BENCHMARK: TOP OF W ANTENNA FLANGE BOLT OF FH
 LOCATION: SW COR OF 123RD ST AND (IL 43) HARLEM AVE

LEGEND

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

MODEL: Default
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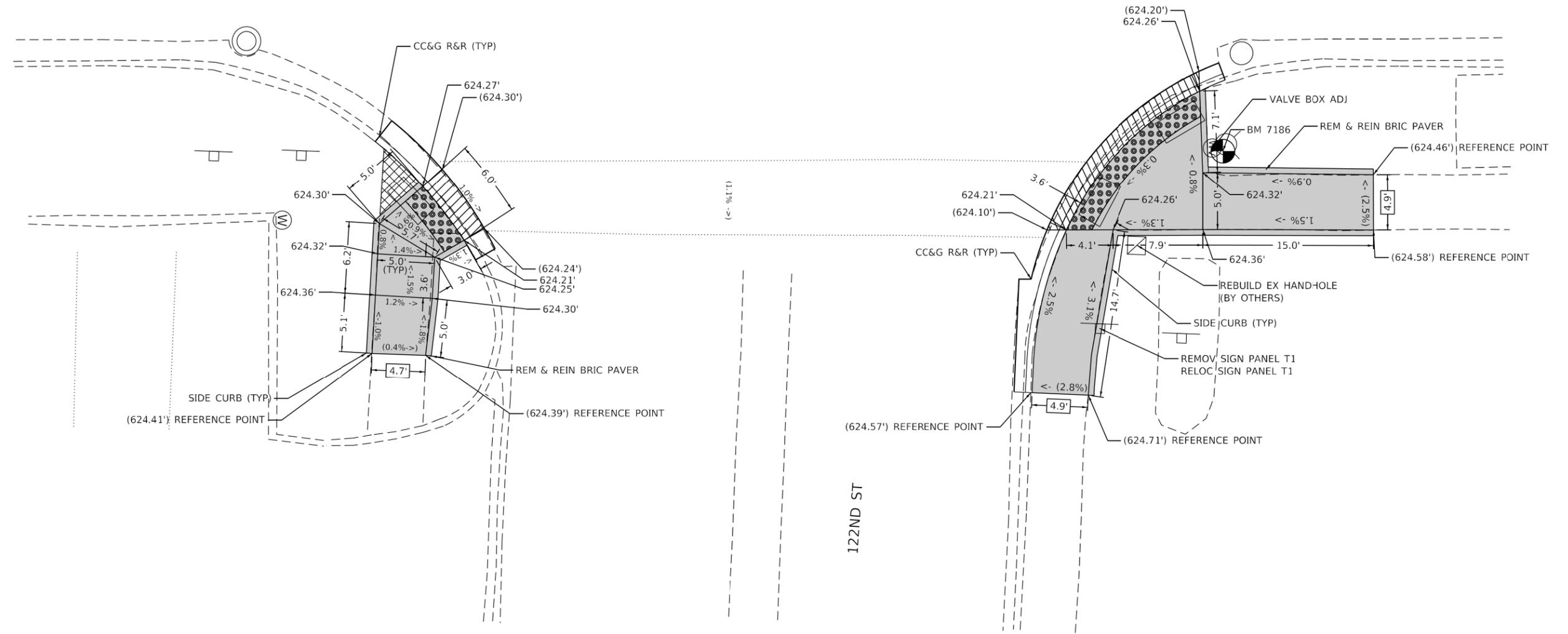
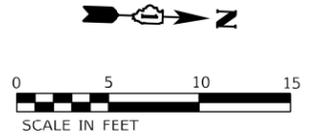
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PLOT DATE = 10/9/2020	DATE - 10/02/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ADA RAMP DETAILS	
IL 43 (HARLEM AVE) AT 123RD ST	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	2020-101-R5&SW	COOK	93	35
CONTRACT NO. 62L79				
ILLINOIS FED. AID PROJECT				

IL 43 (HARLEM AVE)



NOTES:

- REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
- AT DEPRESSED CURBS, ADJACENT TO CURB RAMPS ACCESSIBLE TO THE DISABLED, THE GUTTER FLAG SLOPE SHALL BE -5% UNLESS NOTED OTHERWISE.

REFERENCE BENCHMARK: BM 7186 EL 626.08
 BENCHMARK: TOP OF E ANTENNA FLANGE BOLT OF FH
 LOCATION: NE COR OF 122ND ST AND (IL 43) HARLEM AVE

LEGEND

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

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
 IL 43 (HARLEM AVE) AT 122ND ST**

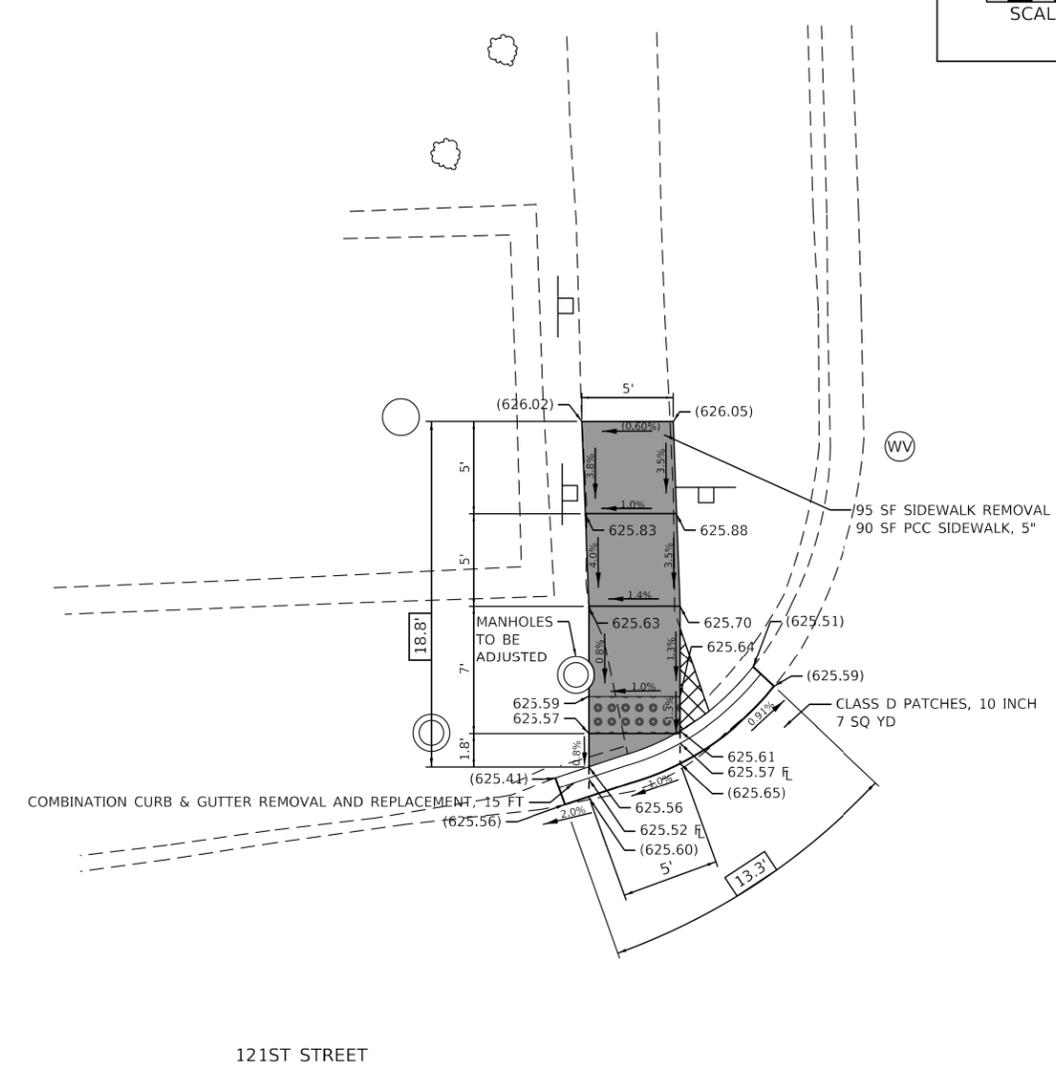
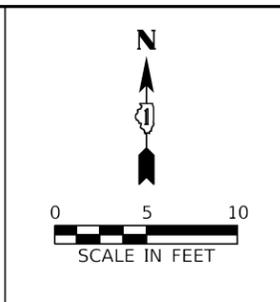
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PLOT DATE = 10/9/2020	DATE - 10/02/2020	REVISED -

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	2020-101-R5&SW	COOK	93	38
CONTRACT NO. 62L79				
ILLINOIS FED. AID PROJECT				

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NOTE:

ESTIMATED QUANTITIES FOR PAVEMENT PATCHING WAS CALCULATED AS 4 FT OUT ALONG THE LENGTH OF CURB.

REFERENCE BENCHMARK ELEV 626.78
 BENCHMARK: TOP OF THE WEST FLANGE BOLT OF FIRE HYDRANT LOCATED AT
 SOUTHWEST CORNER OF 121th PLACE & HARLEM AVENUE.
 REFERENCE BENCHMARK ELEV 626.04
 BENCHMARK: "X" ON SIDEWALK, NORTHERN: 1823453.37 EASTERN: 1130803.89

LEGEND

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

BAXTER & WOODMAN Consulting Engineers	USER NAME = morning	DESIGNED - CJC	REVISED -
		DRAWN - MJO	REVISED -
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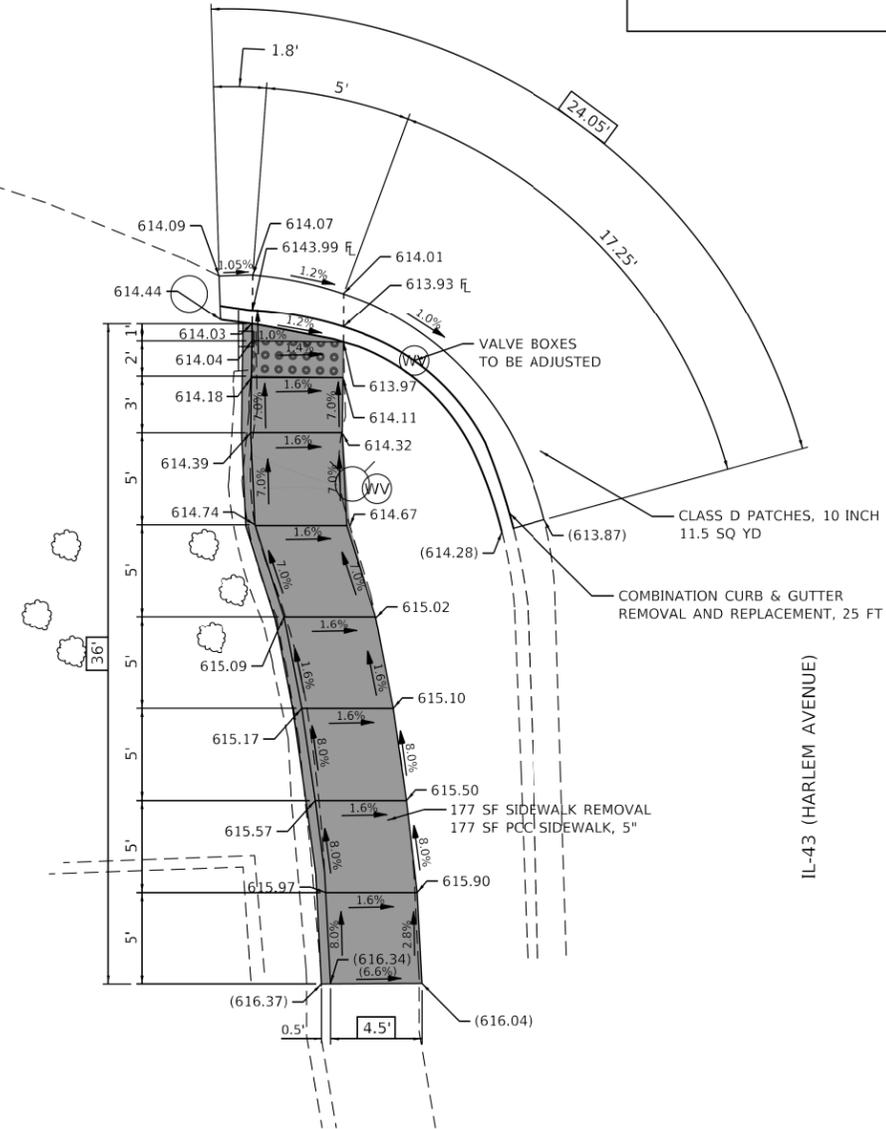
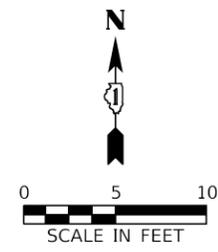
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA SIDEWALK DETAILS			
IL-43 (HARLEM AVE) FROM 111TH TO US 6 (159TH ST)			
SCALE: 1"=5'	SHEET 6	OF 12 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	2020-101-R5&SW	COOK	93	39
				CONTRACT NO. 62L79
		ILLINOIS	FED. AID PROJECT	

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120TH PLACE



NOTE:

ESTIMATED QUANTITIES FOR PAVEMENT PATCHING WAS CALCULATED AS 4 FT OUT ALONG THE LENGTH OF CURB.

REFERENCE BENCHMARK ELEV 616.32
 BENCHMARK: TOP OF THE WEST ANTENNA FLANGE BOLT OF FIRE HYDRANT LOCATED AT
 SOUTHWEST CORNER OF 120th STREET & HARLEM AVENUE.
 REFERENCE BENCHMARK ELEV 615.65
 BENCHMARK: "X" ON SIDEWALK, NORTHERN: 1824032.28 EASTERN: 1130783.61

LEGEND

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



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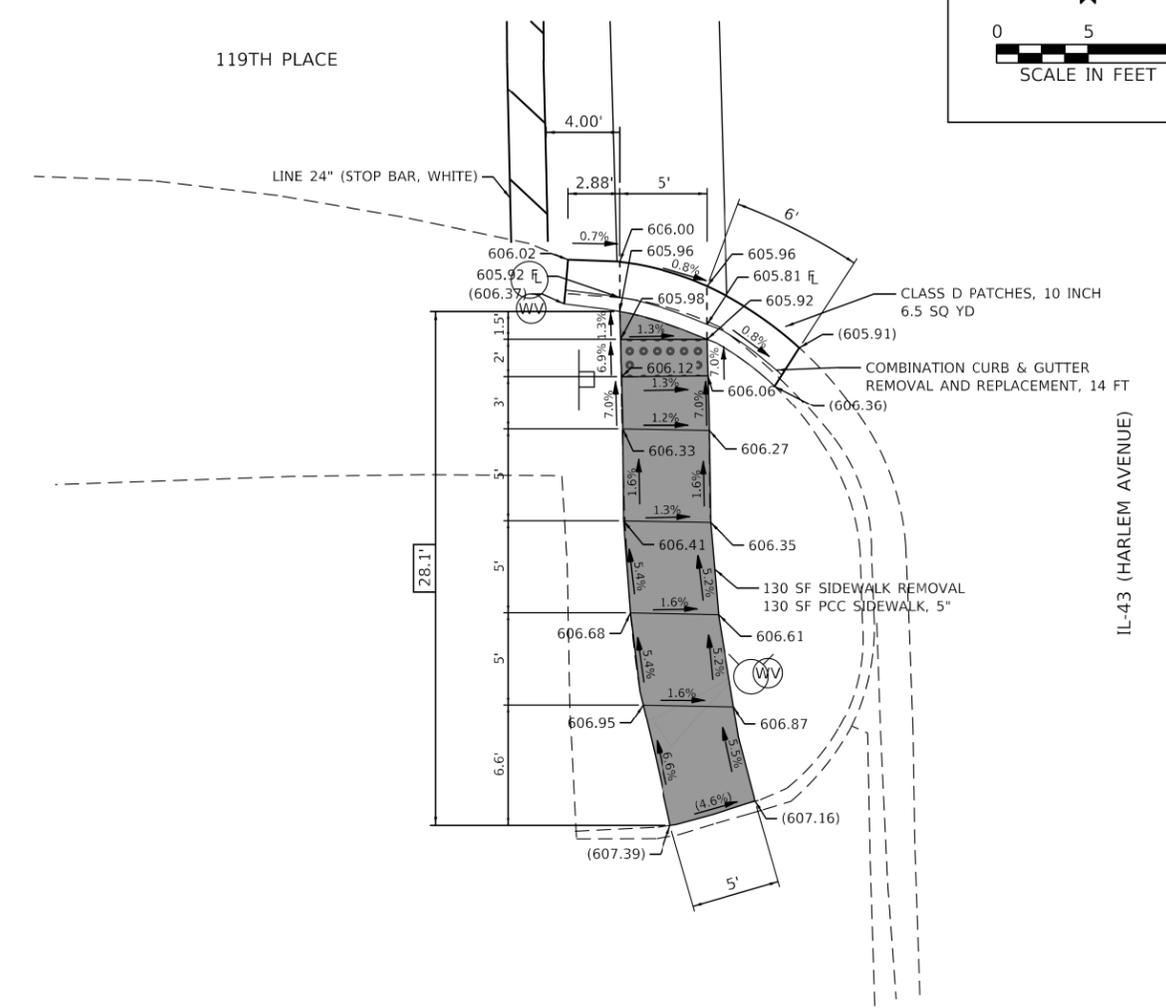
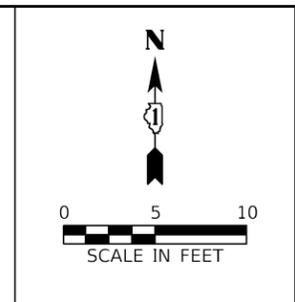
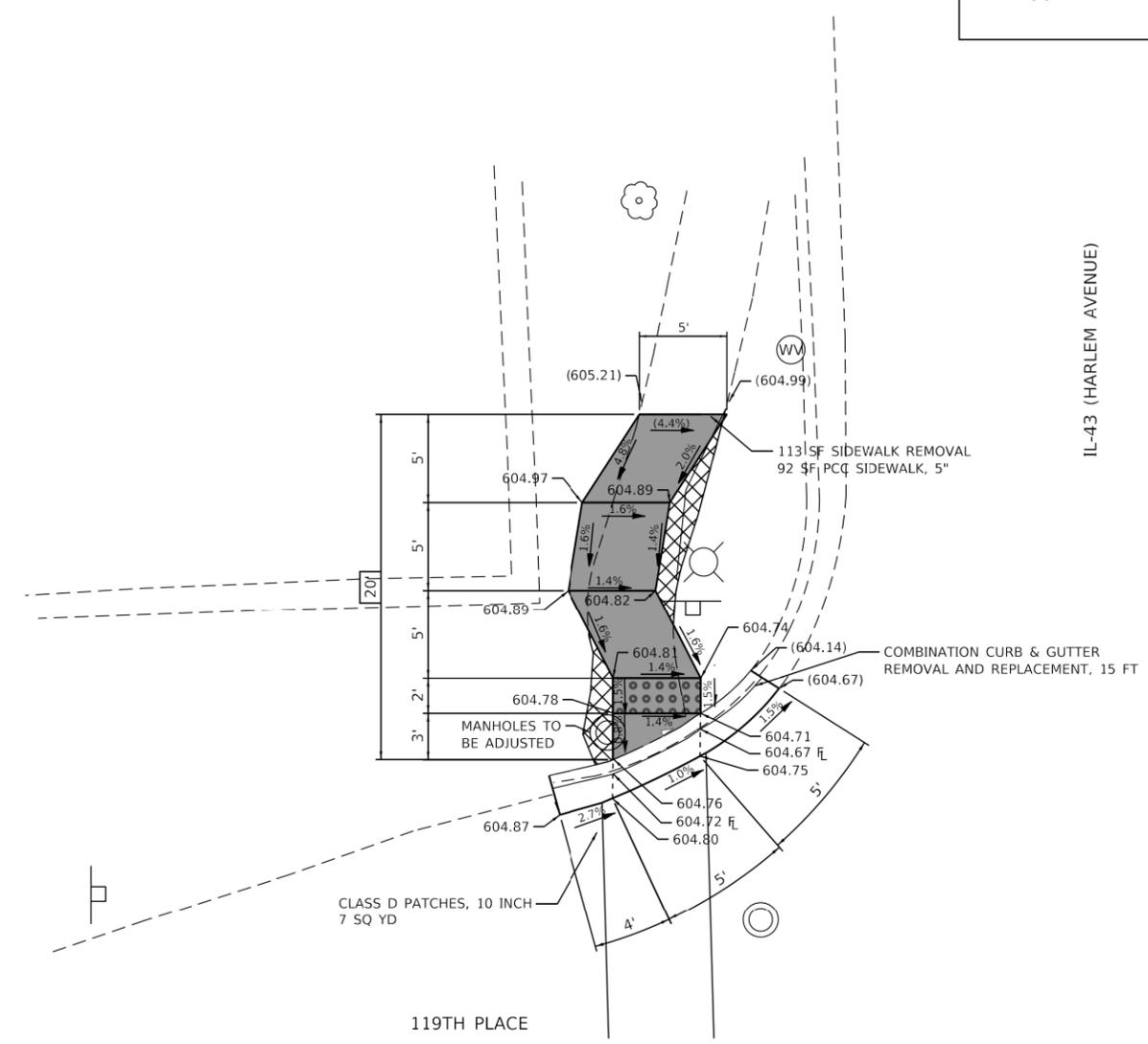
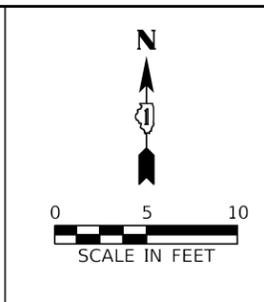
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ADA SIDEWALK DETAILS
IL-43 (HARLEM AVE) FROM 111TH TO US 6 (159TH ST)

SCALE: 1"=5' SHEET 5 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	2020-101-R5&SW	COOK	93	40
CONTRACT NO. 62L79				
ILLINOIS FED. AID PROJECT				

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NOTE:

ESTIMATED QUANTITIES FOR PAVEMENT PATCHING WAS CALCULATED AS 4 FT OUT ALONG THE LENGTH OF CURB.

REFERENCE BENCHMARK ELEV 608.33
 BENCHMARK: TOP OF THE WEST ANTENNA FLANGE BOLT OF FIRE HYDRANT LOCATED AT SOUTHWEST CORNER OF 119th PLACE & HARLEM AVENUE.
 REFERENCE BENCHMARK ELEV 605.46
 BENCHMARK: "X" ON SIDEWALK, NORTHERN: 1824442.11 EASTERN: 1130767.12

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

REFERENCE BENCHMARK ELEV 608.33
 BENCHMARK: TOP OF THE WEST ANTENNA FLANGE BOLT OF FIRE HYDRANT LOCATED AT SOUTHWEST CORNER OF 119th PLACE & HARLEM AVENUE.
 REFERENCE BENCHMARK ELEV 605.46
 BENCHMARK: "X" ON SIDEWALK, NORTHERN: 1824442.11 EASTERN: 1130767.12

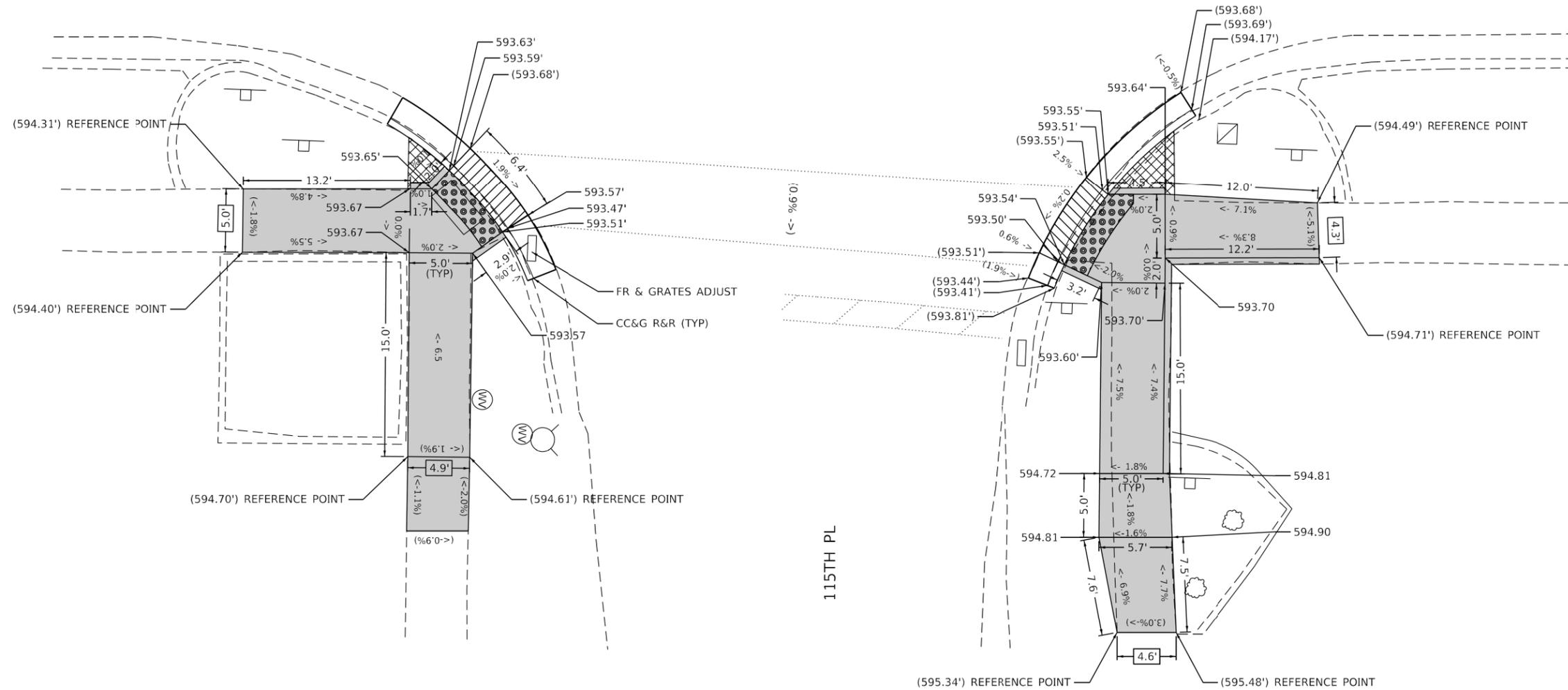
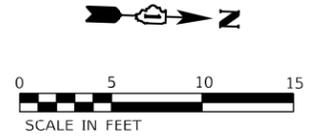
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA SIDEWALK DETAILS
IL-43 (HARLEM AVE) FROM 111TH TO US 6 (159TH ST)
 SCALE: 1"=5' SHEET 4 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	2020-101-R5&SW	COOK	93	41
CONTRACT NO. 62L79				
ILLINOIS FED. AID PROJECT				

IL 43 (HARLEM AVE)



NOTES:

- REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
- AT DEPRESSED CURBS, ADJACENT TO CURB RAMPS ACCESSIBLE TO THE DISABLED, THE GUTTER FLAG SLOPE SHALL BE -5% UNLESS NOTED OTHERWISE.

REFERENCE BENCHMARK: BM 5261 EL 595.33 (NOT SHOWN)
 BENCHMARK: TOP OF E FLANGE BOLT OF FH
 LOCATION: NE COR OF 116TH ST AND (IL 43) HARLEM AVE

LEGEND

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

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
 IL 43 (HARLEM AVE) AT 115 PL**

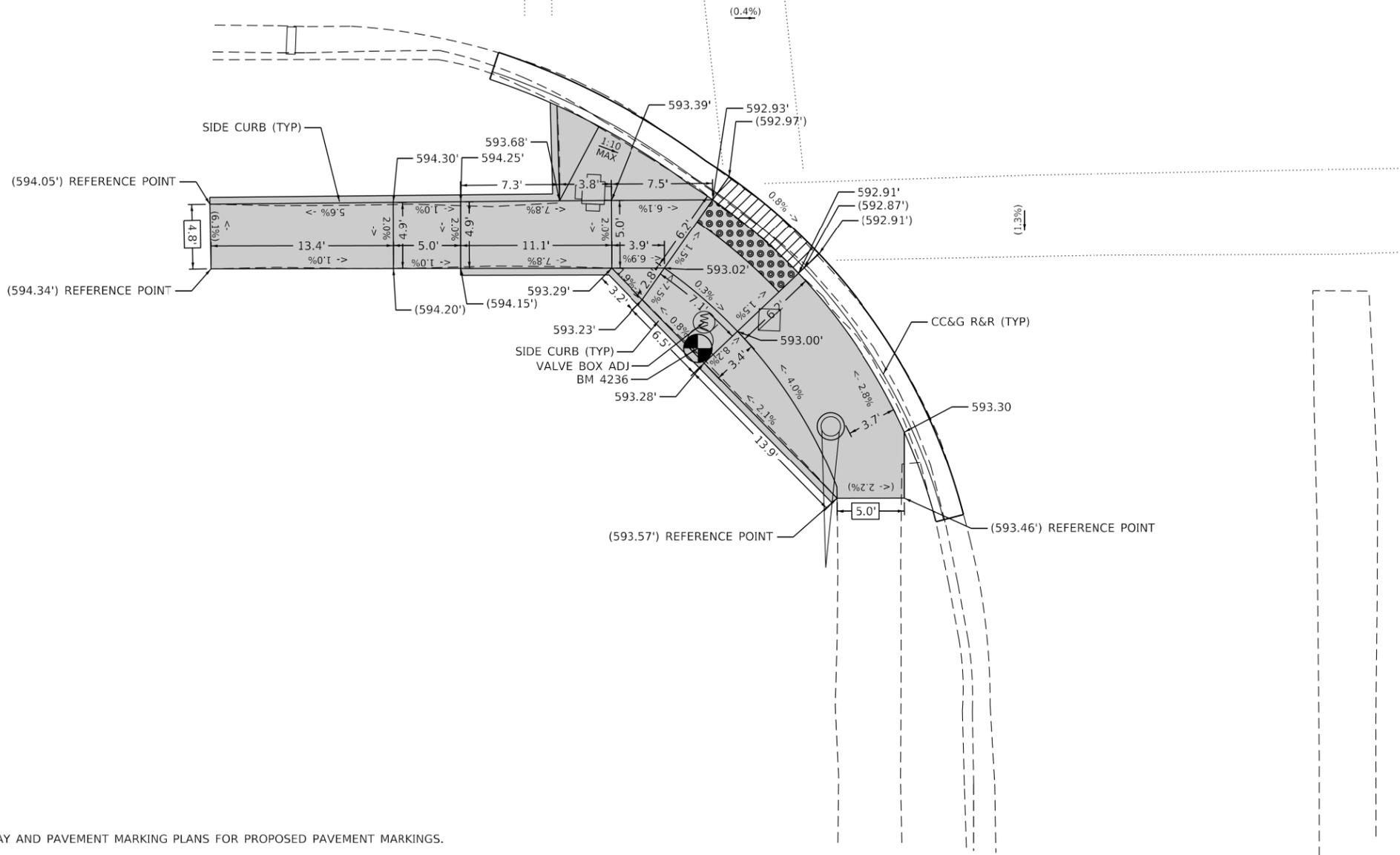
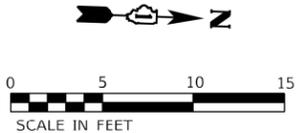
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PLOT DATE = 10/9/2020	DATE - 10/02/2020	REVISED -

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	2020-101-R5&SW	COOK	93	46
CONTRACT NO. 62L79			ILLINOIS FED. AID PROJECT	

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IL 43 (HARLEM AVE)



NOTES:

- REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
- AT DEPRESSED CURBS, ADJACENT TO CURB RAMPS ACCESSIBLE TO THE DISABLED, THE GUTTER FLAG SLOPE SHALL BE -5% UNLESS NOTED OTHERWISE.

REFERENCE BENCHMARK: BM 4236 EL 596.05
 BENCHMARK: TOP OF E FLANGE BOLT OF FH
 LOCATION: SE COR OF 115TH ST AND (IL 43) HARLEM AVE

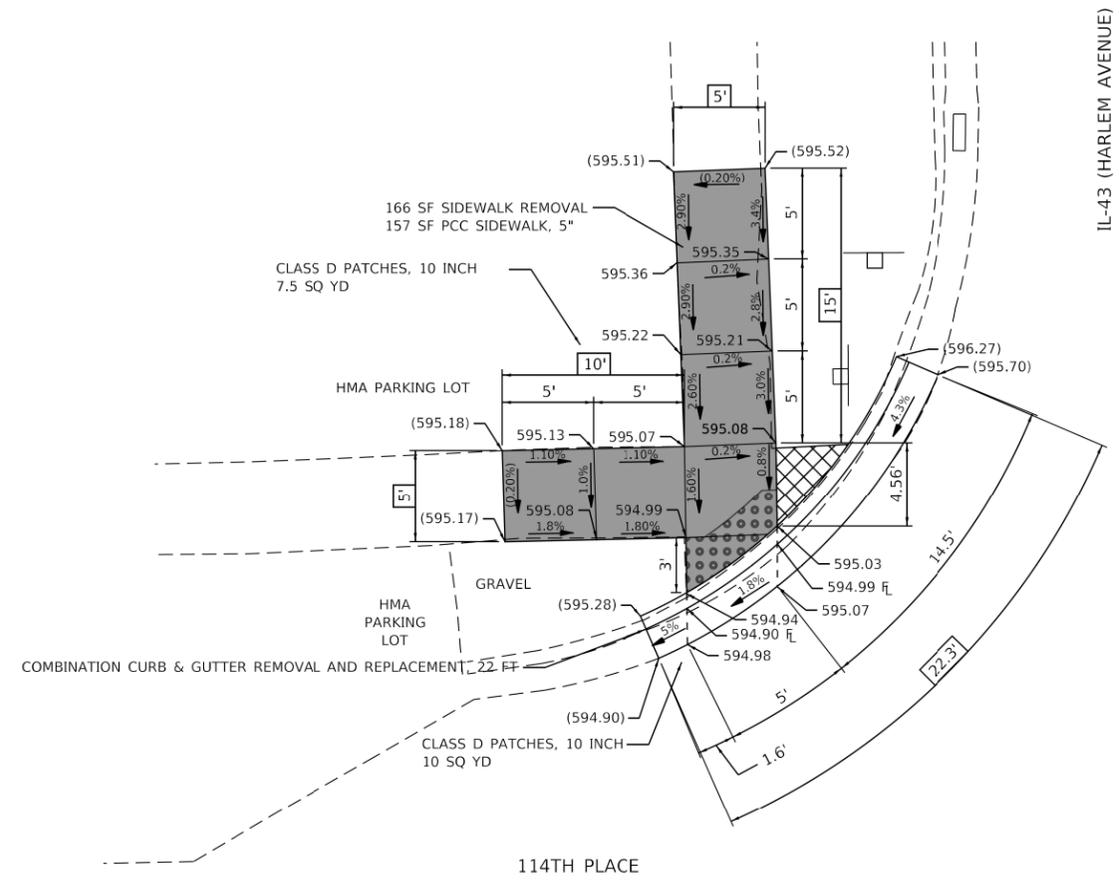
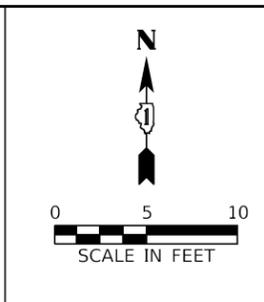
LEGEND

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

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	PLOT SCALE = 10.0000' / 1"	CHECKED - RG	REVISED -						348	2020-101-R5&SW	COOK	93	48	
	PLOT DATE = 10/9/2020	DATE - 10/02/2020	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	CONTRACT NO. 62L79	
													ILLINOIS FED. AID PROJECT	

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NOTE:

ESTIMATED QUANTITIES FOR PAVEMENT PATCHING WAS CALCULATED AS 4 FT OUT ALONG THE LENGTH OF CURB.

REFERENCE BENCHMARK ELEV 623.65
 BENCHMARK: TOP OF THE EAST FLANGE BOLT OF FIRE HYDRANT LOCATED AT
 SOUTHWEST CORNER OF 112th PLACE & HARLEM AVENUE.
 REFERENCE BENCHMARK ELEV 595.46
 BENCHMARK: "X" ON SIDEWALK, NORTHERN: 1827764.61 EASTERN: 1130647.71

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

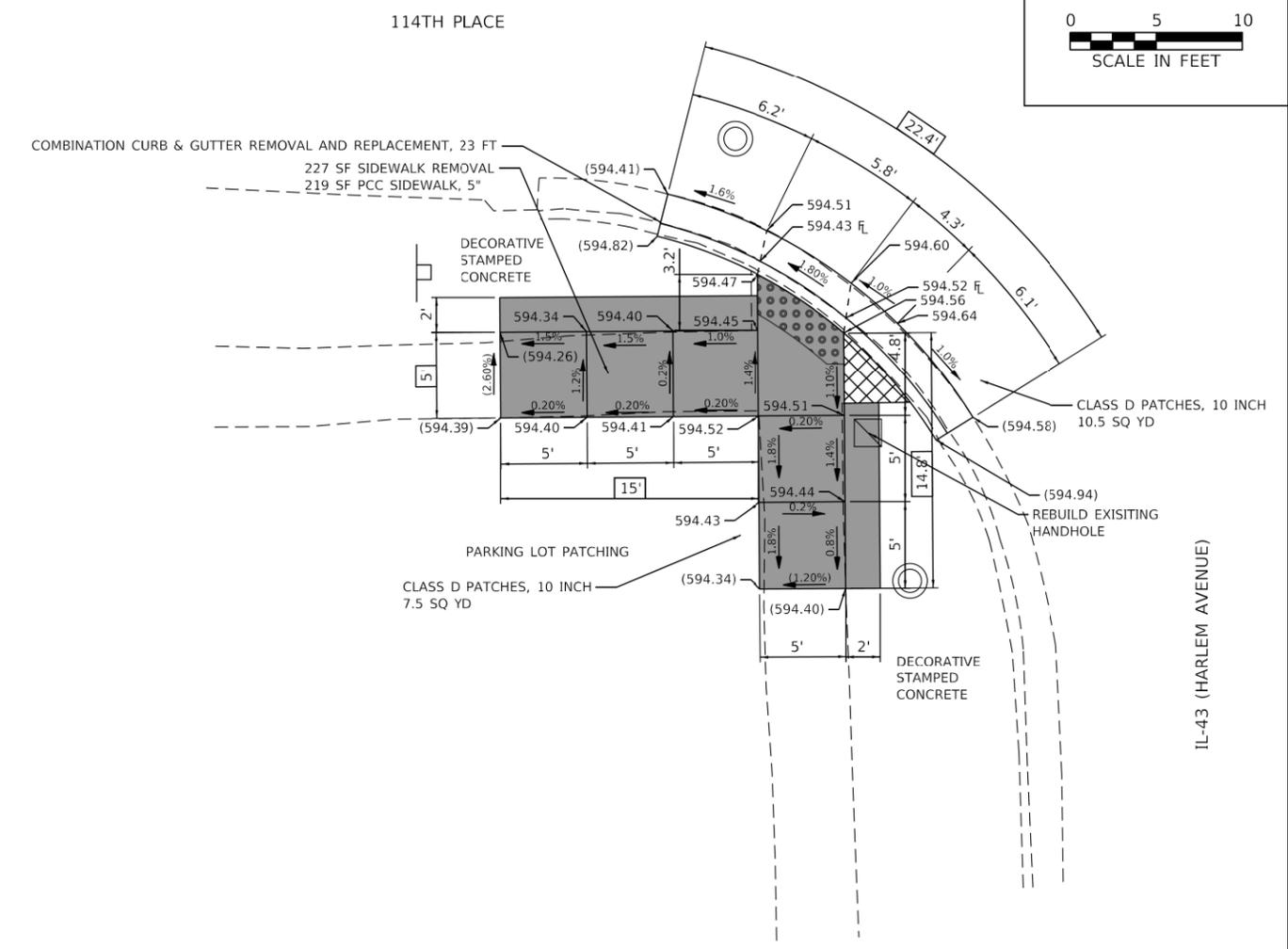
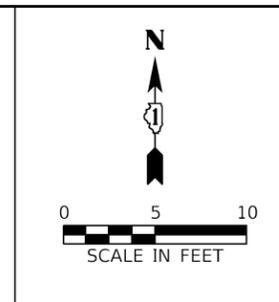


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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

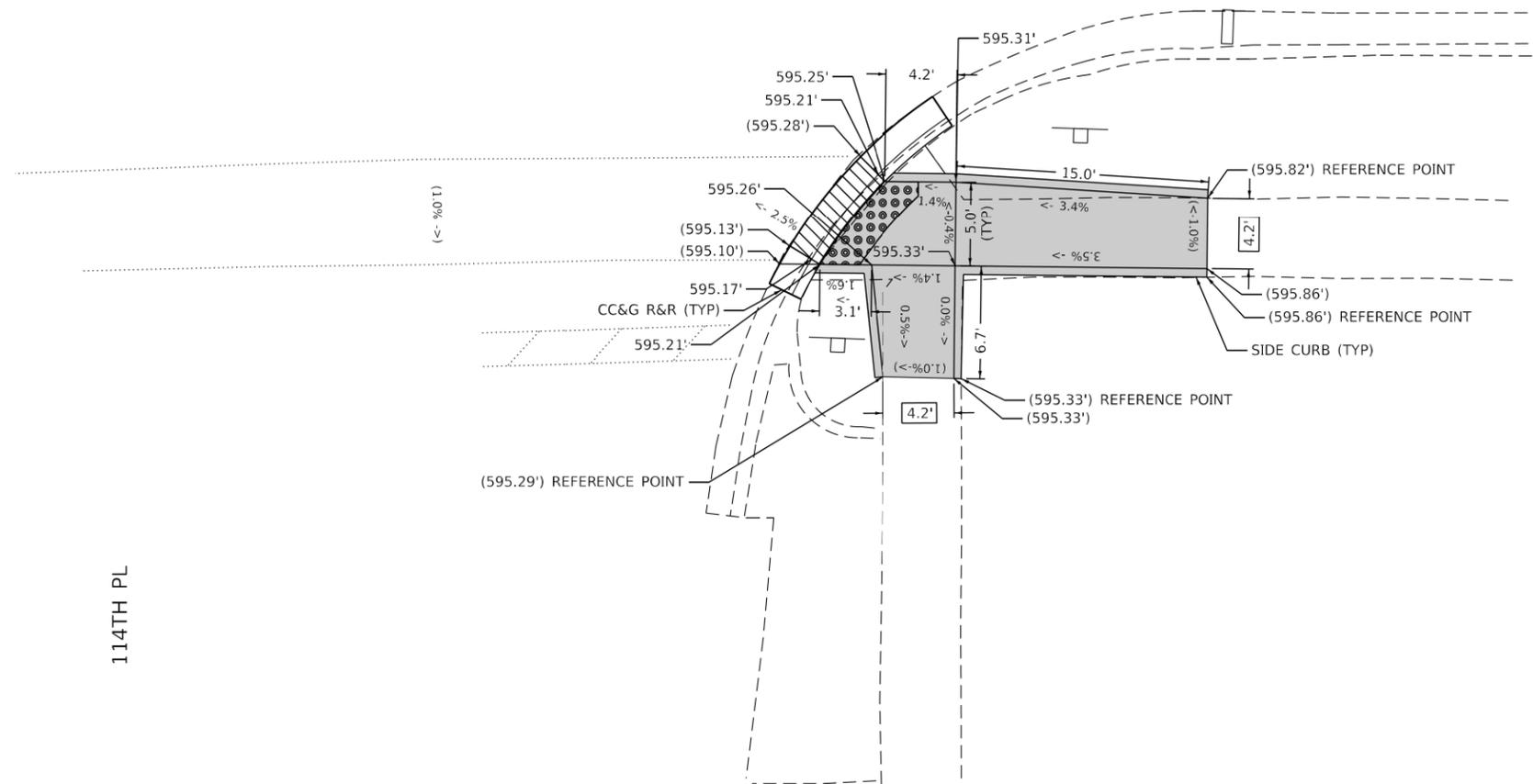
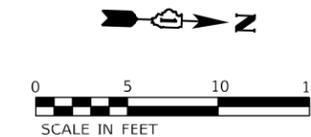
ADA SIDEWALK DETAILS
IL-43 (HARLEM AVE) FROM 111TH TO US 6 (159TH ST)
 SCALE: 1"=5' SHEET 3 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	2020-101-R5&SW	COOK	93	50
CONTRACT NO. 62L79				
ILLINOIS FED. AID PROJECT				



REFERENCE BENCHMARK ELEV 623.65
 BENCHMARK: TOP OF THE EAST FLANGE BOLT OF FIRE HYDRANT LOCATED AT
 SOUTHWEST CORNER OF 112th PLACE & HARLEM AVENUE.
 REFERENCE BENCHMARK ELEV 594.40
 BENCHMARK: "X" ON SIDEWALK, NORTHERN: 1827683.05 EASTERN: 1130651.37

IL 43 (HARLEM AVE)



114TH PL

NOTES:

1. REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
2. AT DEPRESSED CURBS, ADJACENT TO CURB RAMPS ACCESSIBLE TO THE DISABLED, THE GUTTER FLAG SLOPE SHALL BE -5% UNLESS NOTED OTHERWISE.

REFERENCE BENCHMARK: BM 3116 EL 606.53 (NOT SHOWN)
 BENCHMARK: TOP OF S FLANGE BOLT OF FH
 LOCATION: SE COR OF 114TH ST AND (IL 43) HARLEM AVE

LEGEND

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

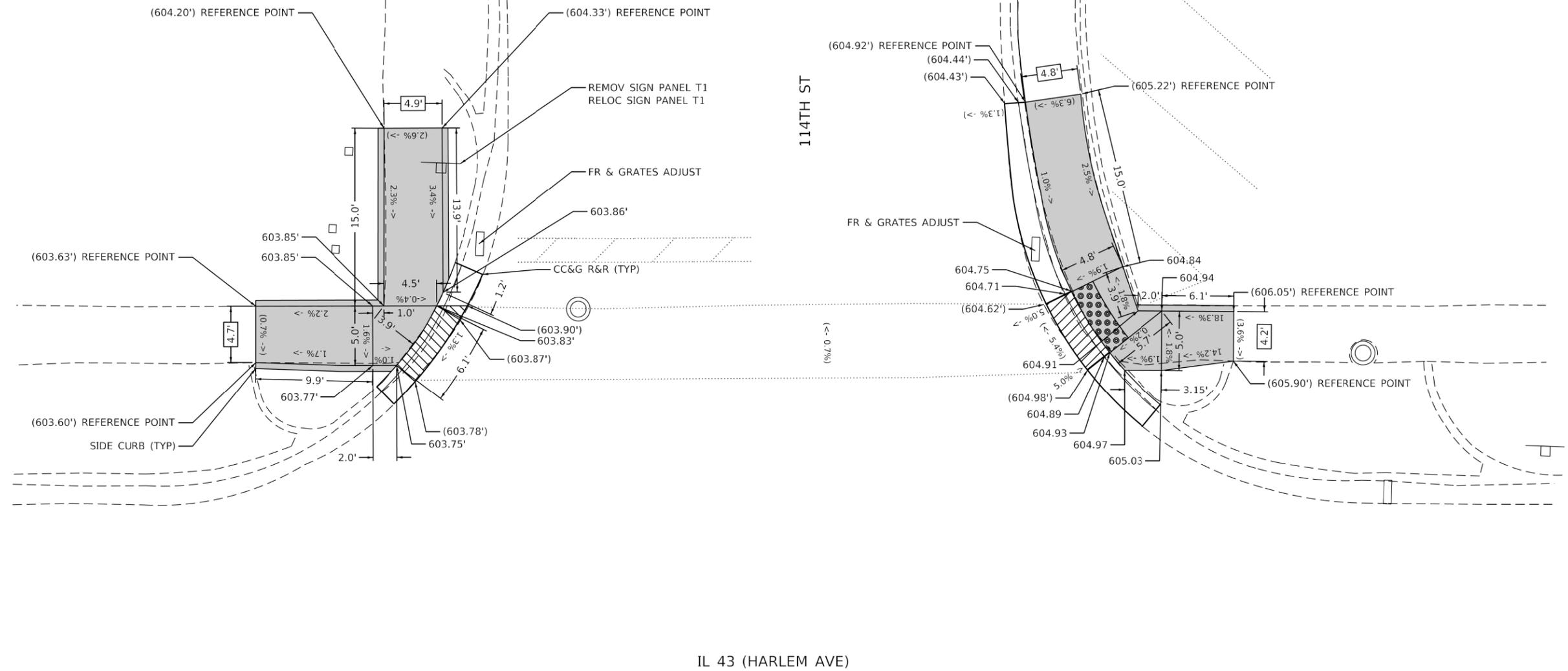
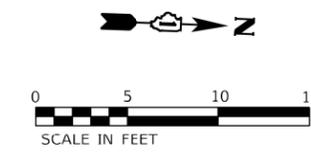
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ADA RAMP DETAILS			
IL 43 (HARLEM AVE) AT 114TH PL			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	2020-101-R5&SW	COOK	93	51
CONTRACT NO. 62L79				
ILLINOIS FED. AID PROJECT				



IL 43 (HARLEM AVE)

- NOTES:**
- REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
 - AT DEPRESSED CURBS, ADJACENT TO CURB RAMPS ACCESSIBLE TO THE DISABLED, THE GUTTER FLAG SLOPE SHALL BE -5% UNLESS NOTED OTHERWISE.

REFERENCE BENCHMARK: BM 3116 EL 606.53 (NOT SHOWN)
 BENCHMARK: TOP OF S FLANGE BOLT OF FH
 LOCATION: SE COR OF 114TH ST AND (IL 43) HARLEM AVE

LEGEND

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

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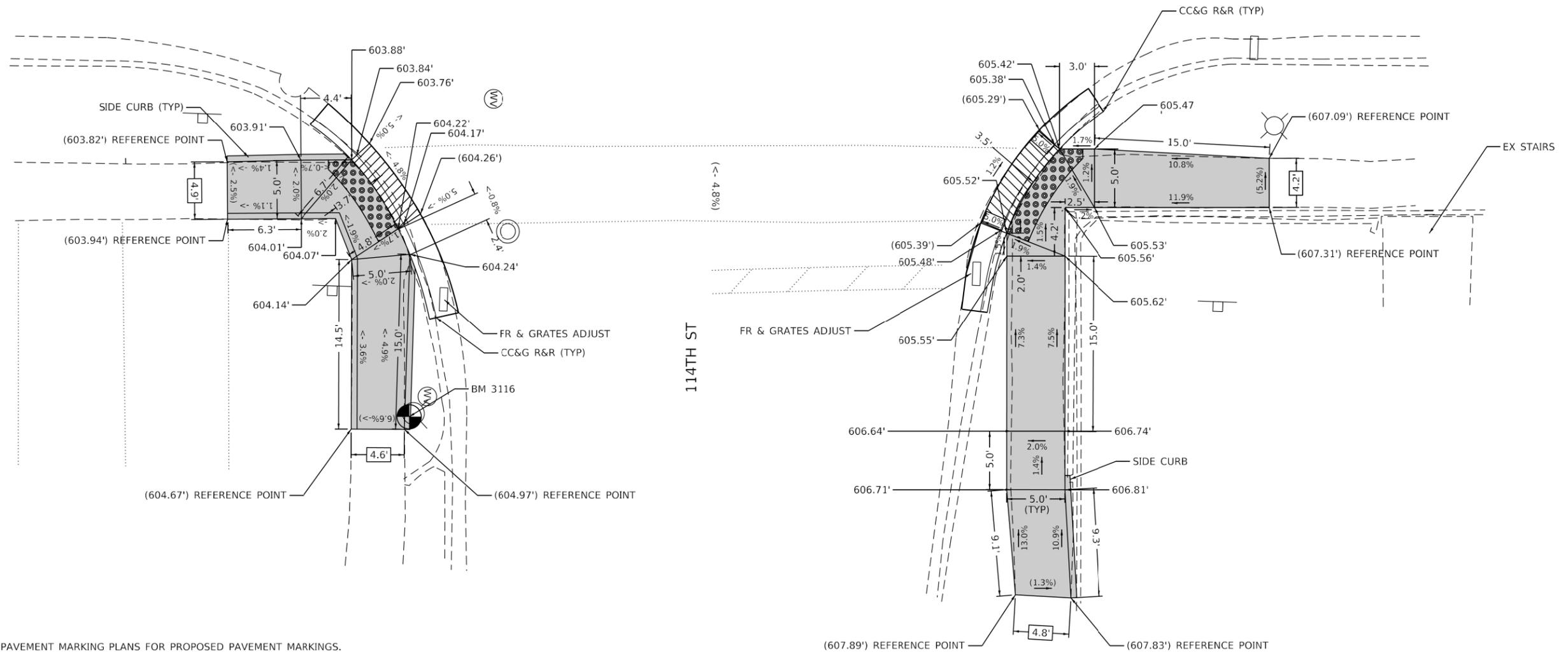
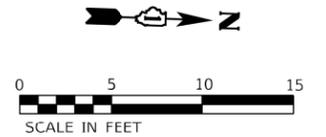
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ADA RAMP DETAILS			
IL 43 (HARLEM AVE) AT 114TH ST			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	2020-101-R5&SW	COOK	93	52
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62L79	

IL 43 (HARLEM AVE)



NOTES:

- REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
- AT DEPRESSED CURBS, ADJACENT TO CURB RAMPS ACCESSIBLE TO THE DISABLED, THE GUTTER FLAG SLOPE SHALL BE -5% UNLESS NOTED OTHERWISE.

REFERENCE BENCHMARK: BM 3116 EL 606.53
 BENCHMARK: TOP OF S FLANGE BOLT OF FH
 LOCATION: SE COR OF 114TH ST AND (IL 43) HARLEM AVE

LEGEND

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

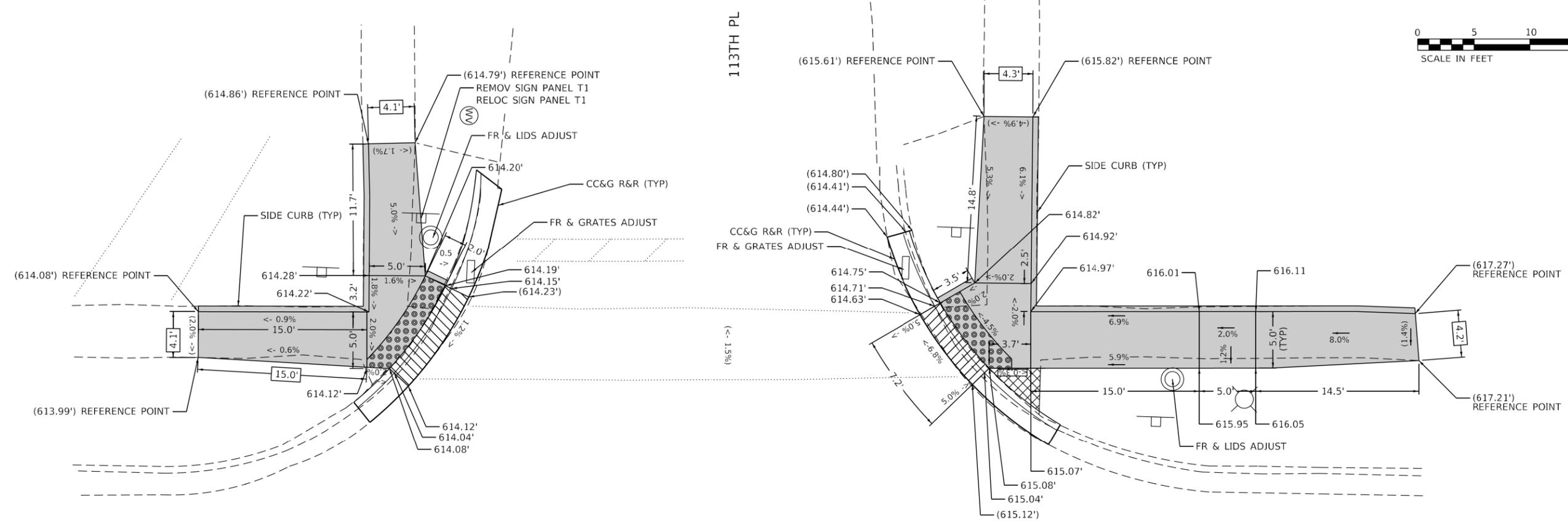
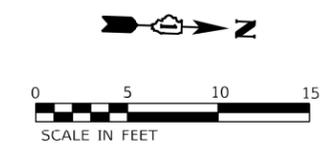
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PLOT DATE = 10/9/2020	DATE - 10/02/2020	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ADA RAMP DETAILS			
IL 43 (HARLEM AVE) AT 114TH ST			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	2020-101-R5&SW	COOK	93	53
CONTRACT NO. 62L79				
ILLINOIS FED. AID PROJECT				



IL 43 (HARLEM AVE)

NOTES:

- REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
- AT DEPRESSED CURBS, ADJACENT TO CURB RAMPS ACCESSIBLE TO THE DISABLED, THE GUTTER FLAG SLOPE SHALL BE -5% UNLESS NOTED OTHERWISE.

REFERENCE BENCHMARK: BM 2673 EL 617.36 (NOT SHOWN)
 BENCHMARK: TOP OF N FLANGE BOLT OF FH
 LOCATION: NE COR OF 113TH PL AND (IL 43) HARLEM AVE

LEGEND

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

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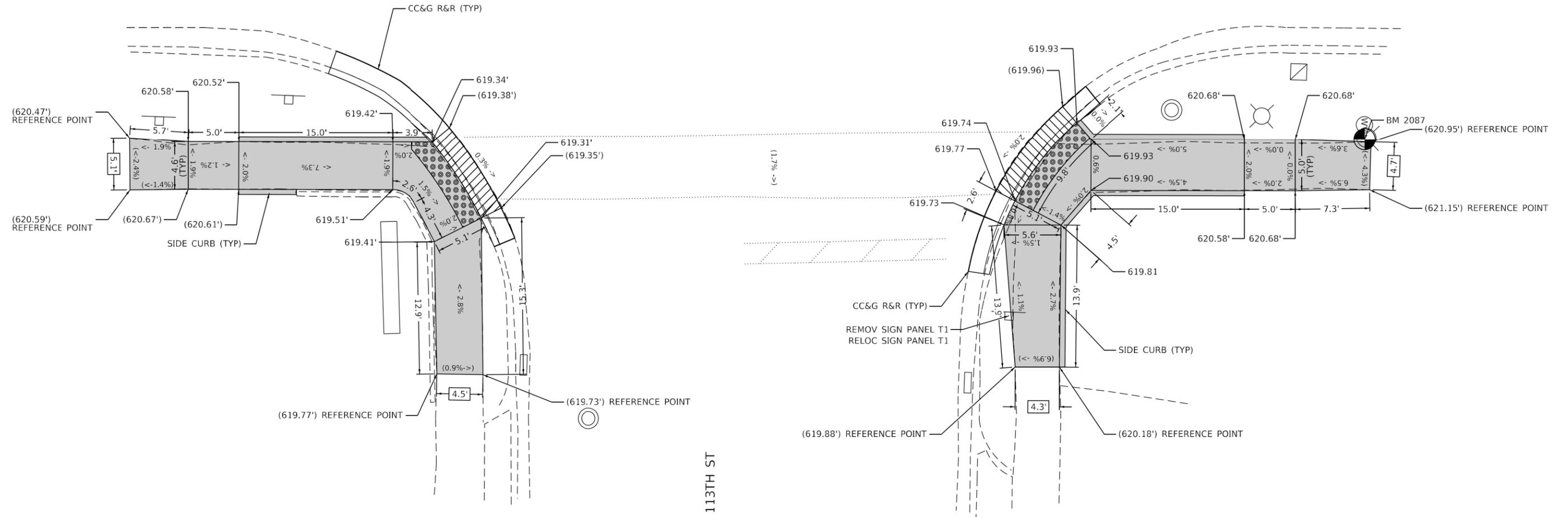
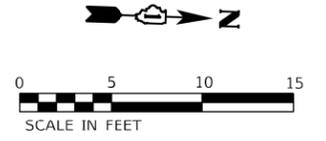
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ADA RAMP DETAILS				
IL 43 (HARLEM AVE) AT 113TH PL				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	2020-101-R5&SW	COOK	93	54
CONTRACT NO. 62L79				
ILLINOIS FED. AID PROJECT				

IL 43 (HARLEM AVE)



NOTES:

- REFER TO ROADWAY AND PAVEMENT MARKING PLANS FOR PROPOSED PAVEMENT MARKINGS.
- AT DEPRESSED CURBS, ADJACENT TO CURB RAMPS ACCESSIBLE TO THE DISABLED, THE GUTTER FLAG SLOPE SHALL BE -5% UNLESS NOTED OTHERWISE.

REFERENCE BENCHMARK: BM 2087 EL 622.23
 BENCHMARK: TOP OF E FLANGE BOLT OF FH
 LOCATION: NE COR OF 113TH ST AND (IL 43) HARLEM AVE

LEGEND

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

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ADA RAMP DETAILS
 IL 43 (HARLEM AVE) AT 113TH ST**

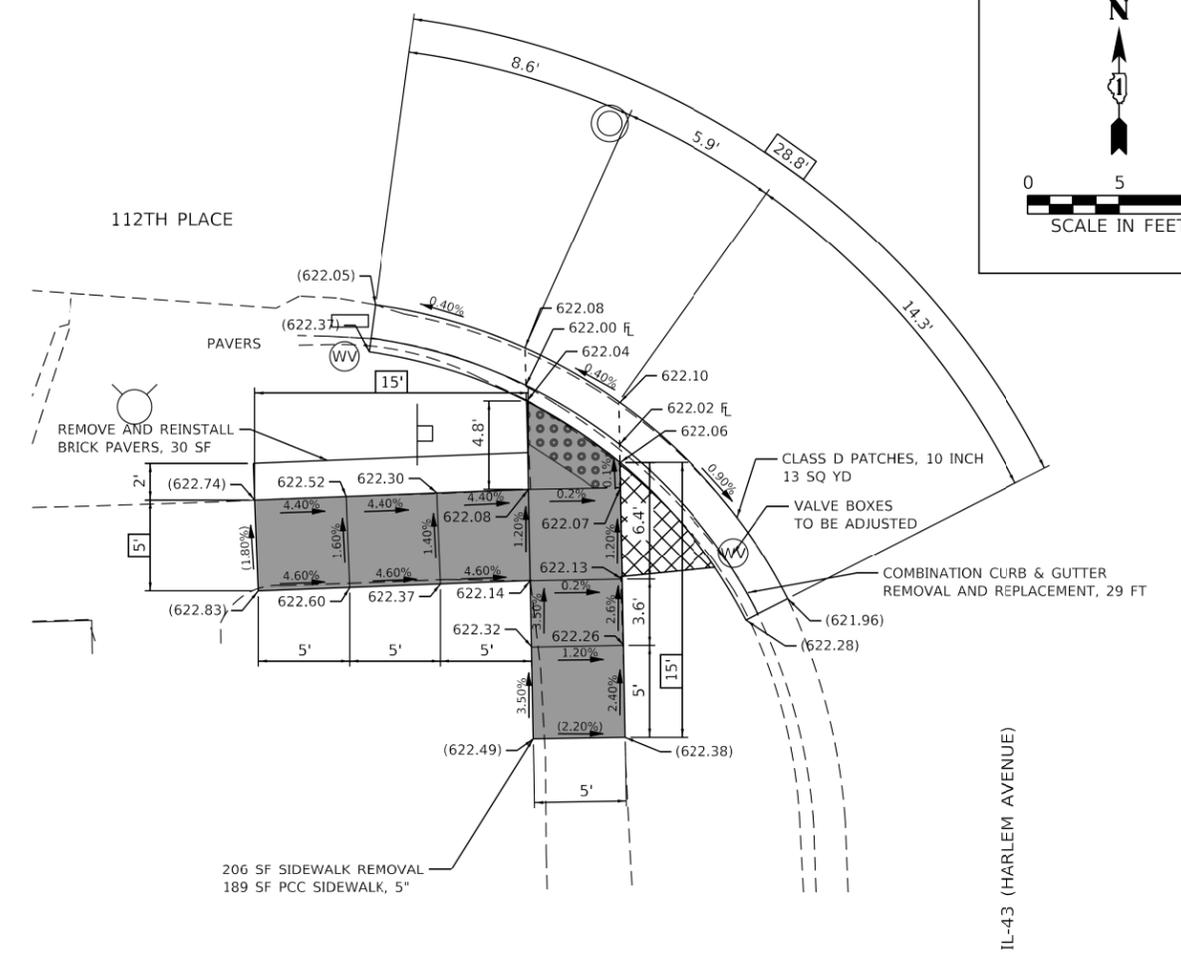
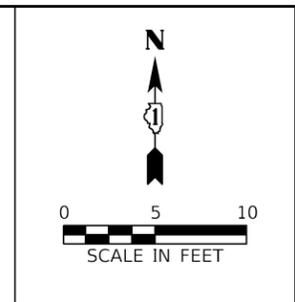
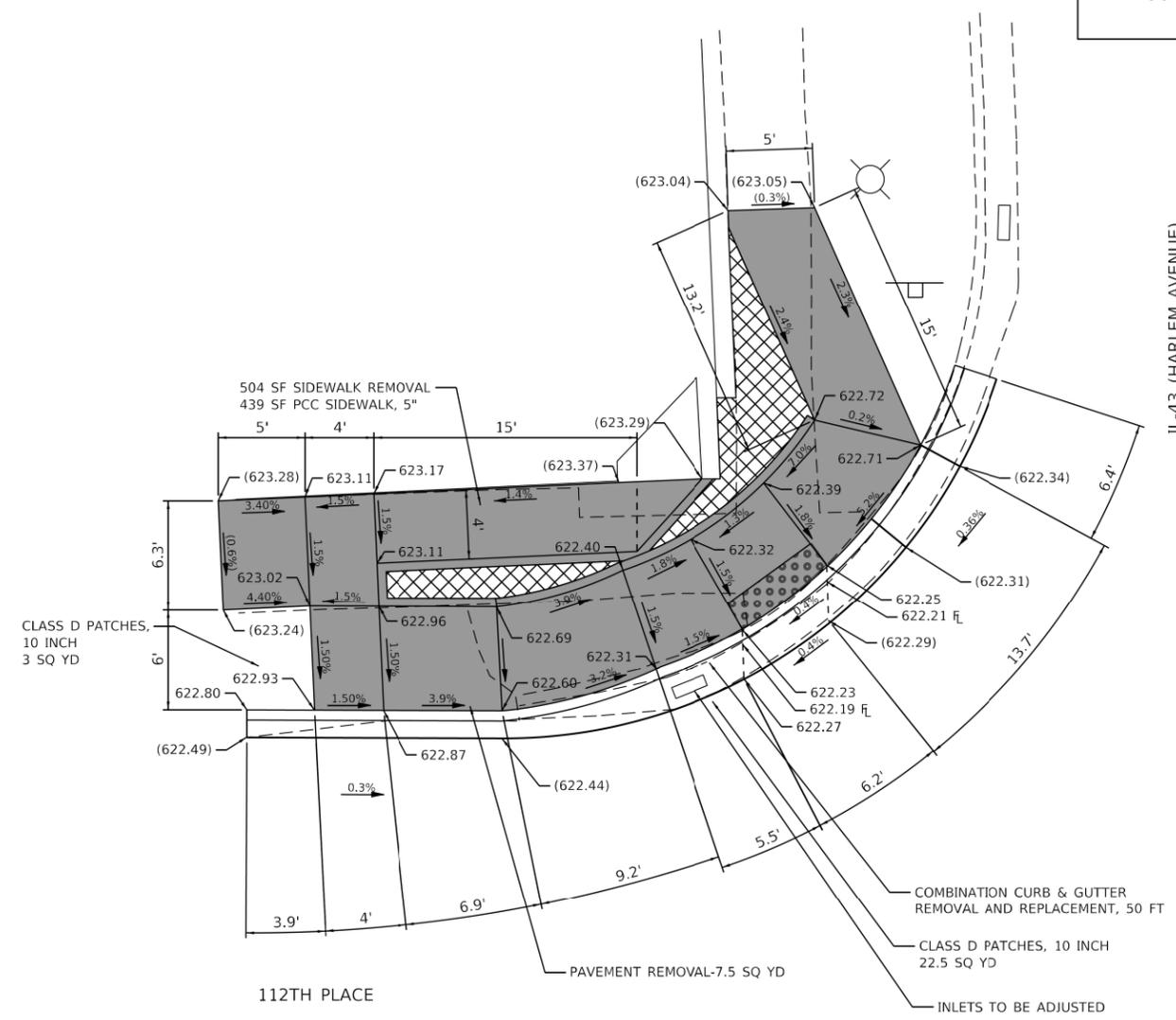
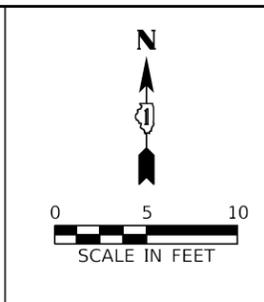
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SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	2020-101-R5&SW	COOK	93	57
CONTRACT NO. 62L79				
ILLINOIS FED. AID PROJECT				

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NOTE:

ESTIMATED QUANTITIES FOR PAVEMENT PATCHING WAS CALCULATED AS 4 FT OUT ALONG THE LENGTH OF CURB.

REFERENCE BENCHMARK ELEV 623.65
 BENCHMARK: TOP OF THE EAST FLANGE BOLT OF FIRE HYDRANT LOCATED AT
 SOUTHWEST CORNER OF 112th PLACE & HARLEM AVENUE.
 REFERENCE BENCHMARK ELEV 622.40
 BENCHMARK: "X" ON SIDEWALK, NORTHERN: 1829074.65 EASTERN: 1130601.42

LEGEND

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

REFERENCE BENCHMARK ELEV 623.65
 BENCHMARK: TOP OF THE EAST FLANGE BOLT OF FIRE HYDRANT LOCATED AT
 SOUTHWEST CORNER OF 112th PLACE & HARLEM AVENUE.
 REFERENCE BENCHMARK ELEV 622.42
 BENCHMARK: "X" ON SIDEWALK, NORTHERN: 1829015.93 EASTERN: 1130602.06

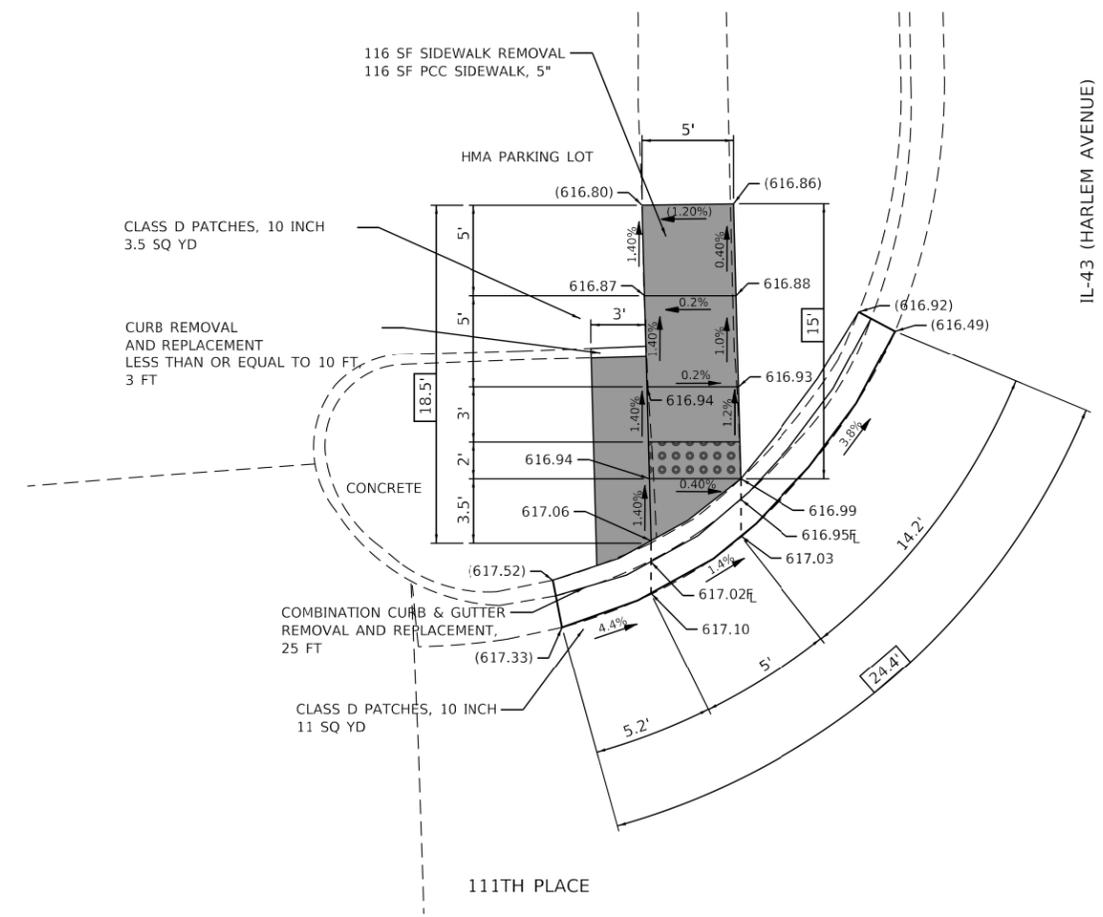
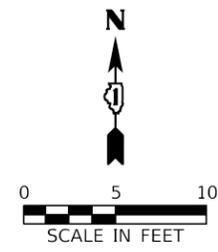


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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA SIDEWALK DETAILS
IL-43 (HARLEM AVE) FROM 111TH TO US 6 (159TH ST)
 SCALE: 1"=5' SHEET 2 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	2020-101-R5&SW	COOK	93	60
CONTRACT NO. 62L79				
ILLINOIS FED. AID PROJECT				



NOTE:
ESTIMATED QUANTITIES FOR PAVEMENT PATCHING WAS CALCULATED AS 4 FT OUT ALONG THE LENGTH OF CURB.

REFERENCE BENCHMARK ELEV 620.33
BENCHMARK: TOP OF THE SOUTH FLANGE BOLT OF FIRE HYDRANT LOCATED AT SOUTHWEST CORNER OF 111th PLACE & HARLEM AVENUE.

REFERENCE BENCHMARK ELEV 617.71
BENCHMARK: "X" ON SIDEWALK, NORTHERN: 1829740.84 EASTERN: 1130566.98

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

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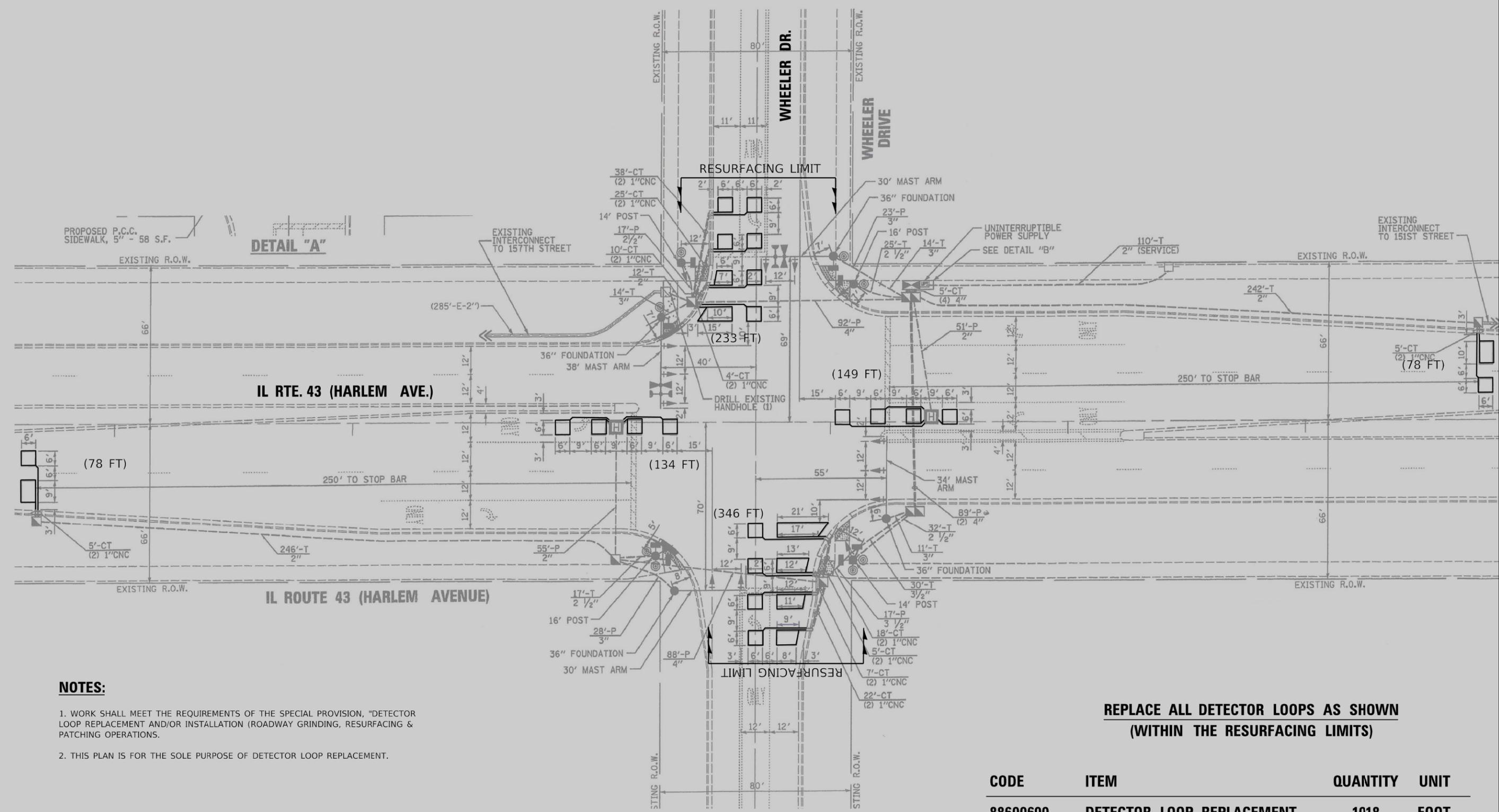
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA SIDEWALK DETAILS
IL-43 (HARLEM AVE) FROM 111TH TO US 6 (159TH ST)

SCALE: 1"=5' SHEET 1 OF 12 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	2020-101-R5&SW	COOK	93	61
CONTRACT NO. 62L79				
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	1018	FOOT

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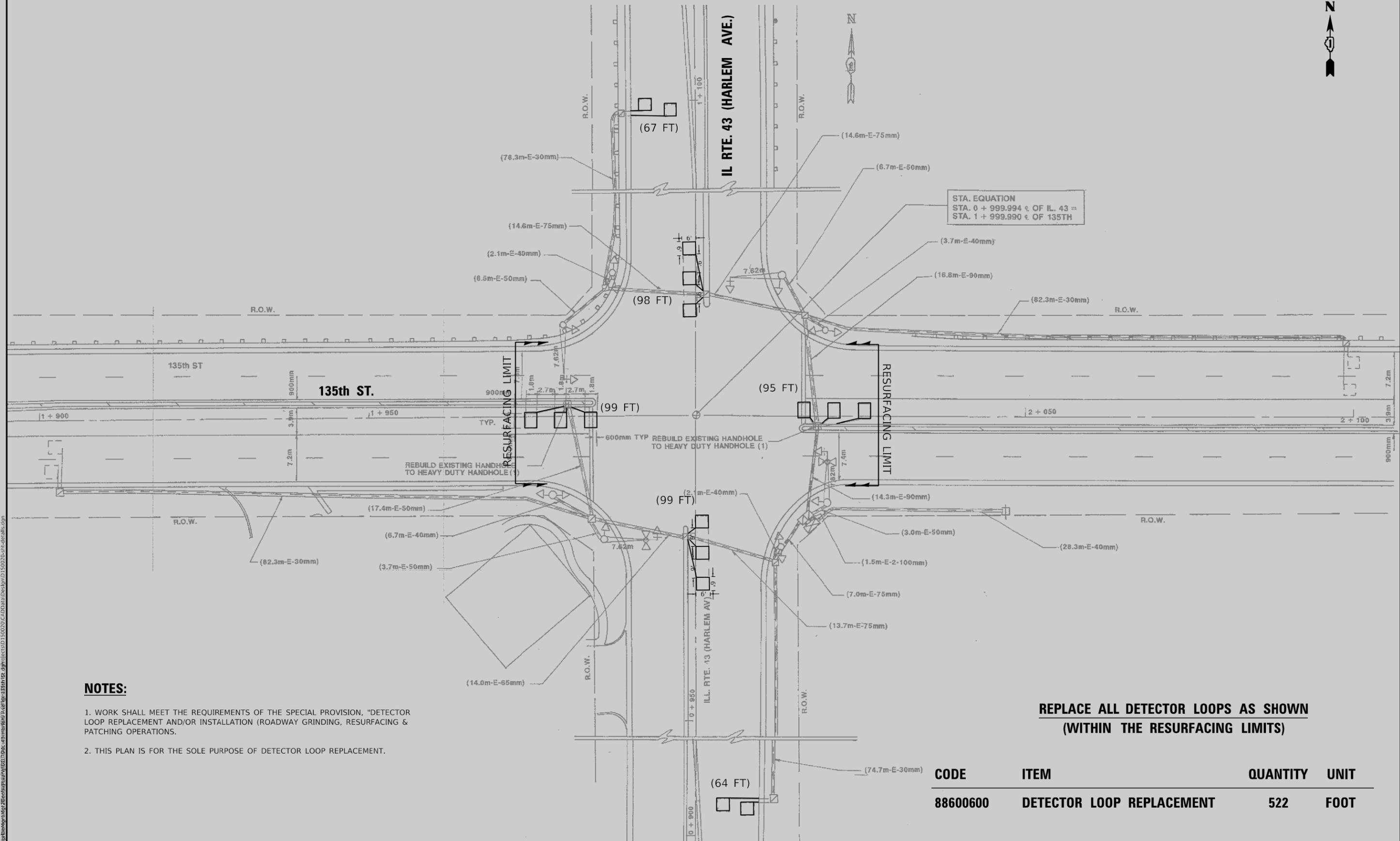
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN
IL RTE. 43 (HARLEM AVE.) AT WHEELER DR.**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	2020-101-R56SW	COOK	93	64
CONTRACT NO. 62L79				
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	522	FOOT

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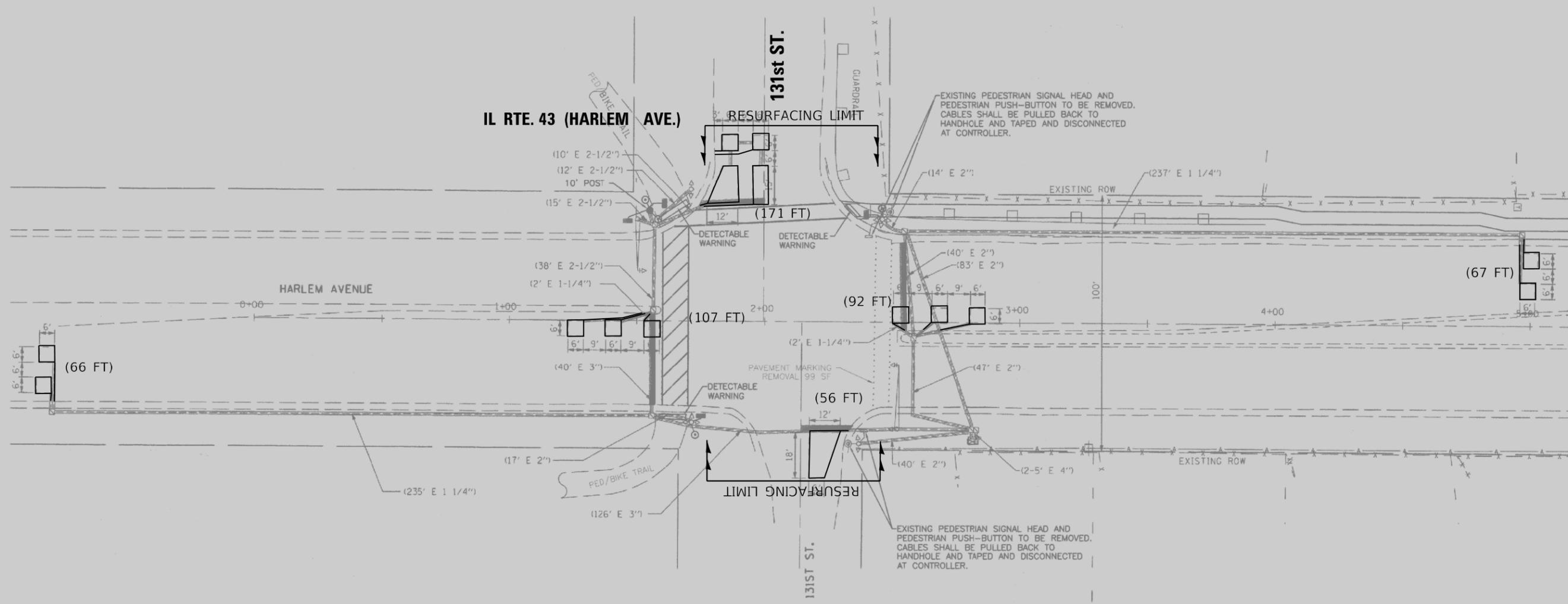
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN
IL RTE. 43 (HARLEM AVE.) AT 135th ST.**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	2020-101-R56SW	COOK	93	67
CONTRACT NO. 62L79				
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	559	FOOT

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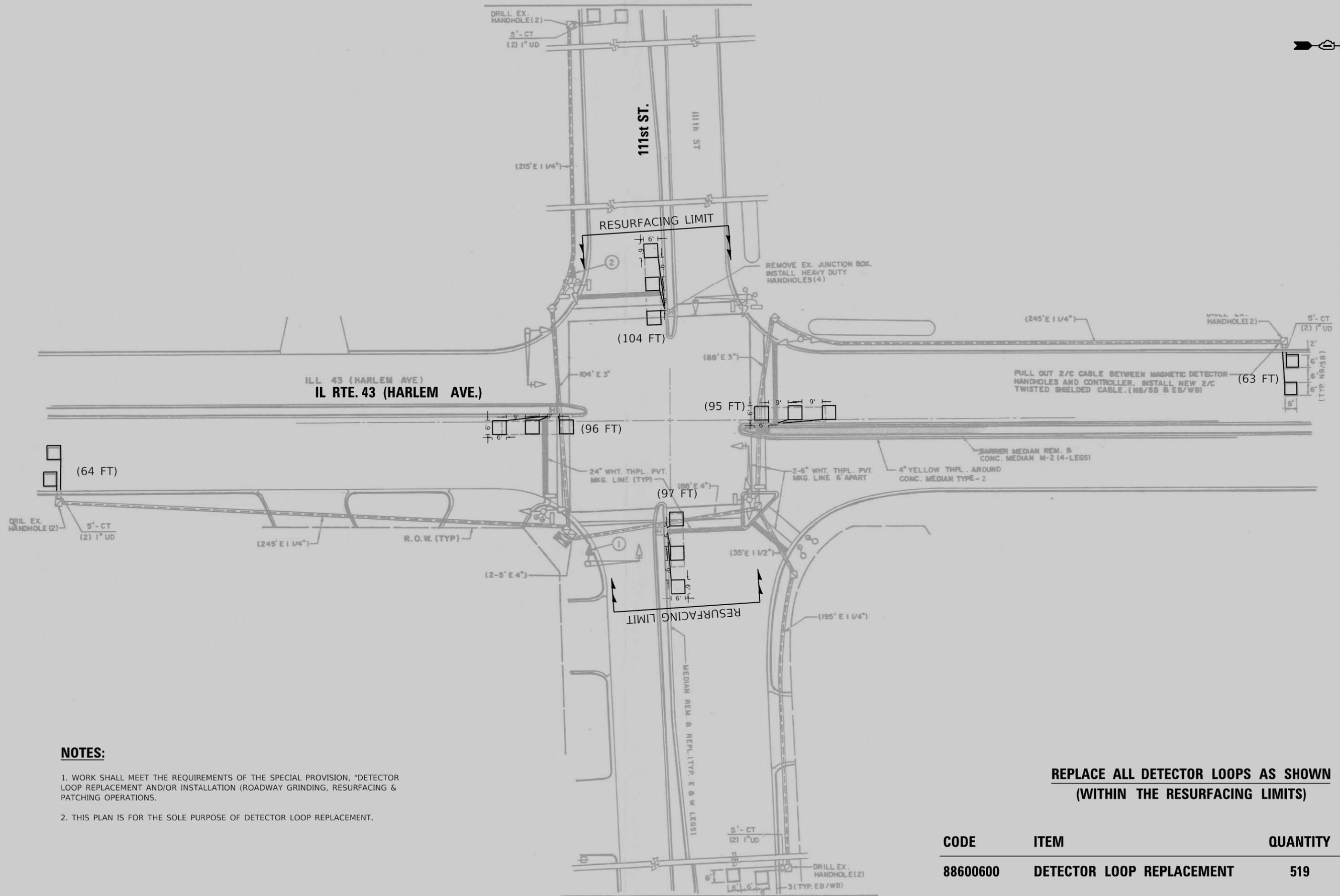
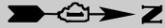
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN
IL RTE. 43 (HARLEM AVE.) AT 131st ST.**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	2020-101-R56SW	COOK	93	68
CONTRACT NO. 62L79				
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	519	FOOT

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SHEET: 93 OF 74
CONTRACT: 62L79

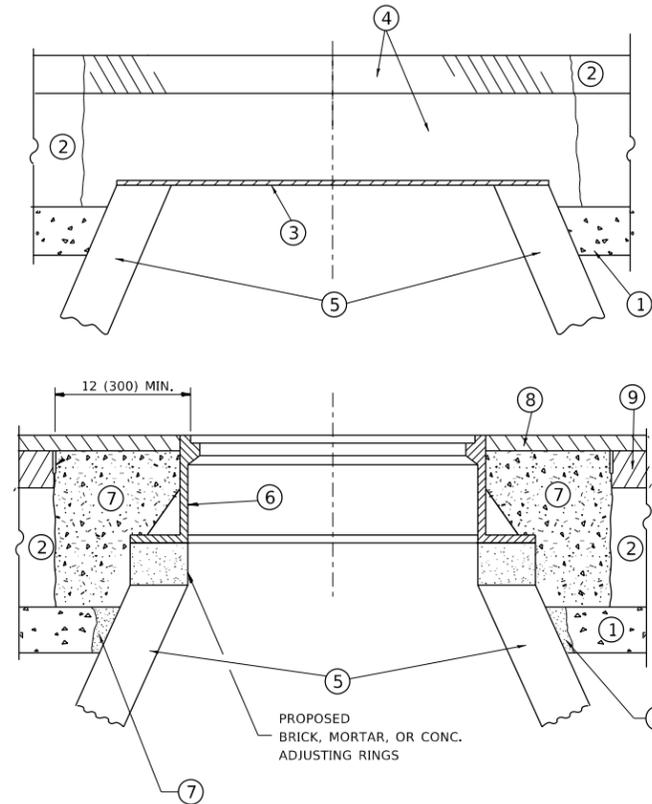
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN
IL RTE. 43 (HARLEM AVE.) AT 111st ST.**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	2020-101-R56SW	COOK	93	74
CONTRACT NO. 62L79				
ILLINOIS FED. AID PROJECT				



CONSTRUCTION PROCEDURES

STAGE 1 (BEFORE PAVEMENT MILLING)

- A) REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- B) REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- C) COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- D) BACKFILL WITH CRUSHED STONE AND A MINIMUM 1½ (40) THICK HMA SURFACE MIX APPROVED BY THE ENGINEER.

STAGE 2 (AFTER PAVEMENT MILLING)

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

* UNLESS OTHERWISE SPECIFIED IN THE PLANS.

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

LEGEND

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

LOCATION OF STRUCTURES

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

BASIS OF PAYMENT

REMOVING FRAMES AND LIDS ON DRAINAGE AND UTILITY STRUCTURES IN THE PAVEMENT PRIOR TO MILLING, AND ADJUSTING TO FINAL GRADE PRIOR TO PLACING THE SURFACE COURSE, WILL BE PAID FOR AT THE CONTRACT UNIT PRICE EACH FOR *FRAMES AND LIDS TO BE ADJUSTED (SPECIAL).*

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

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

NOTES

EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.

IF THE EXISTING LIDS ARE OPEN, THE FRAME WILL BE ADJUSTED TO THE ELEVATION OF THE MILLED PAVEMENT SURFACE PRIOR TO THE MILLING OPERATION. THE FRAME WILL NOT BE REMOVED AND COVERED BY THE METAL PLATE.

CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.

THE METAL PLATE USED TO COVER THE STRUCTURE SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

WHEN STRUCTURES ARE TO BE ADJUSTED OR RECONSTRUCTED, THE LOWERING AND RAISING OF THE FRAMES AND LIDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE CORRESPONDING PAY ITEM.

DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

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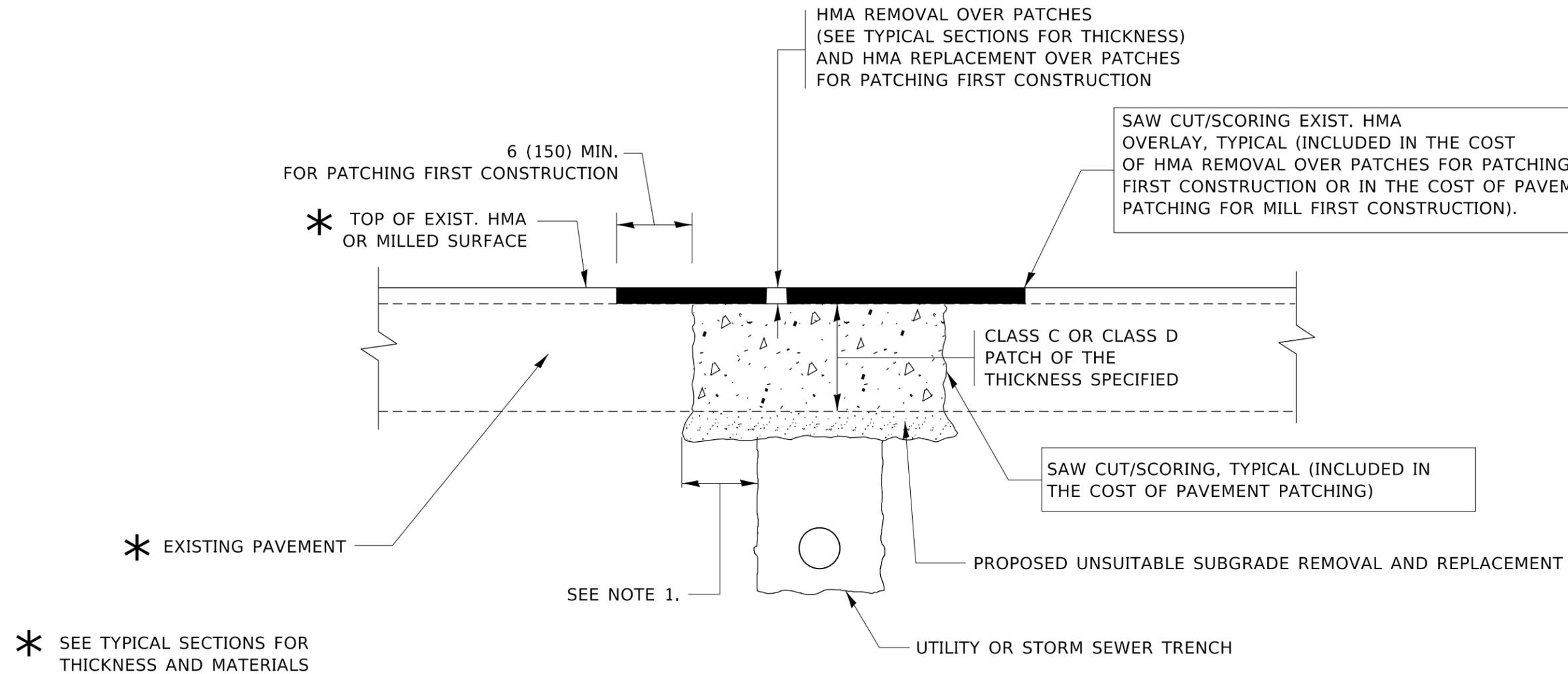
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	DRAWN -	REVISED - R. BORO 01-01-07
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - R. BORO 03-09-11
PLOT DATE = 10/15/2020	DATE - 10-25-94	REVISED - R. BORO 12-06-11

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DETAILS FOR
FRAMES AND LIDS ADJUSTMENT WITH MILLING**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	2020-101-R5&SW	COOK	93	76
BD600-03 (BD-8)		CONTRACT NO. 62L79		
ILLINOIS		FED. AID PROJECT		



NOTES:

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

SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

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

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

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

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

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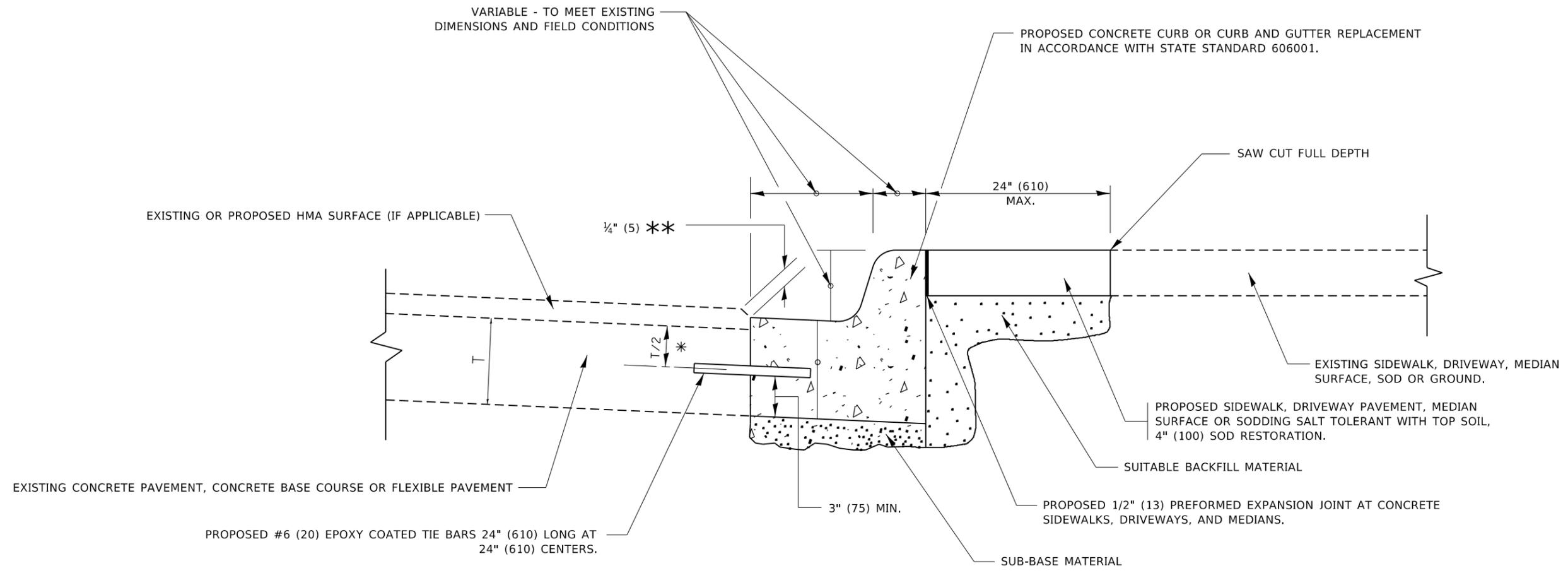
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PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - R. BORO 09-04-07
PLOT DATE = 10/15/2020	DATE - 10-25-94	REVISED - K. ENG 10-27-08

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT PATCHING FOR
HMA SURFACED PAVEMENT

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	2020-101-R5&SW	COOK	93	77
BD400-04 (BD-22)		CONTRACT NO. 62L79		
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.

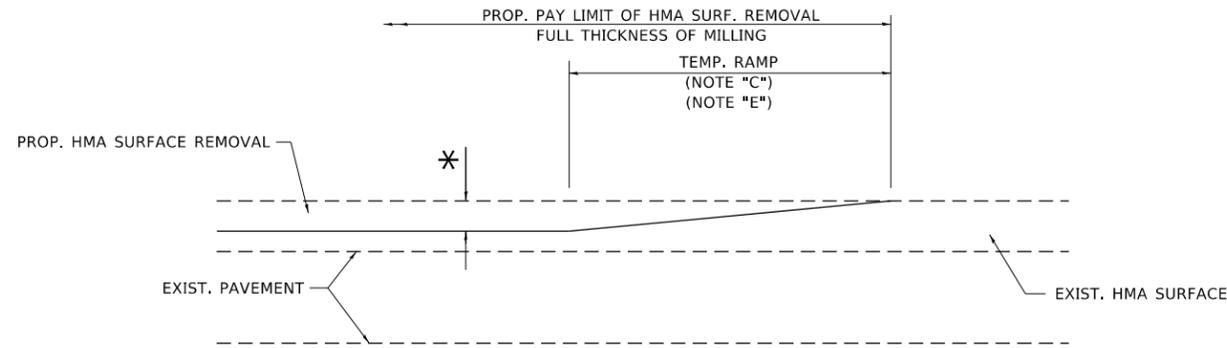
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	DRAWN -	REVISED - M. GOMEZ 01-22-01
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - R. BORO 12-15-09
PLOT DATE = 10/15/2020	DATE - 03-11-94	REVISED - K. SMITH 07-11-19

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

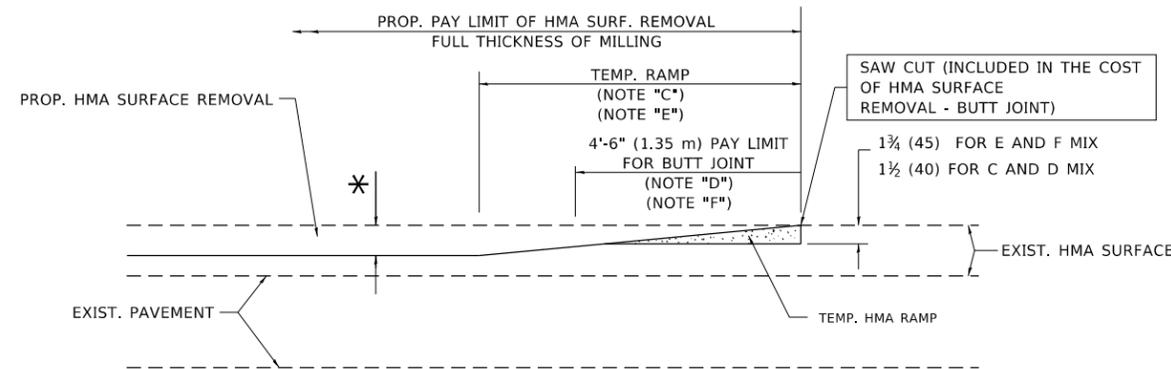
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	2020-101-R5&SW	COOK	93	78
BD600-06 (BD-24)		CONTRACT NO. 62L79		
ILLINOIS FED. AID PROJECT				



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

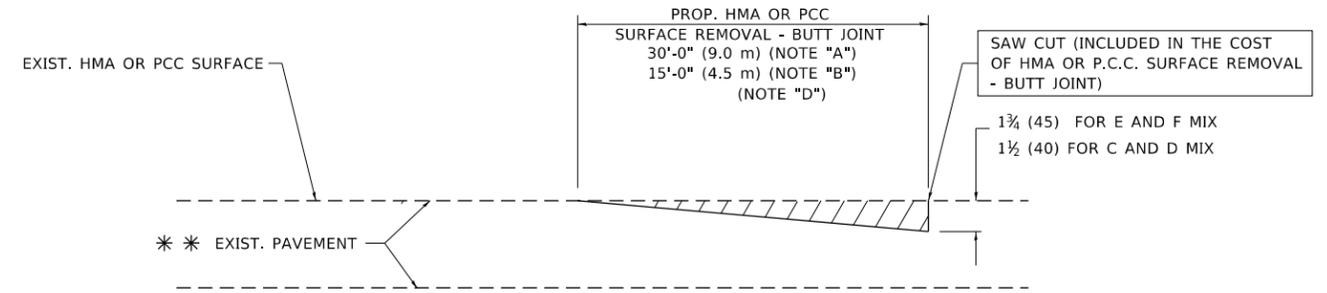


HMA CONSTRUCTED TEMPORARY RAMP

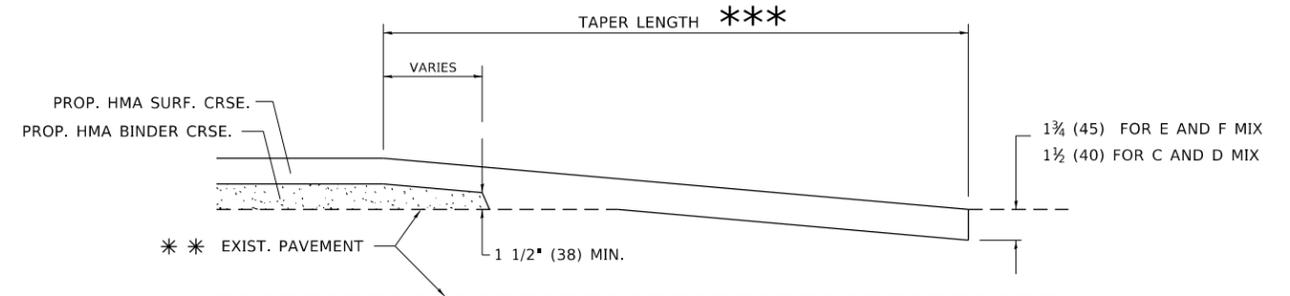
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2

TYPICAL TEMPORARY RAMP



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

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

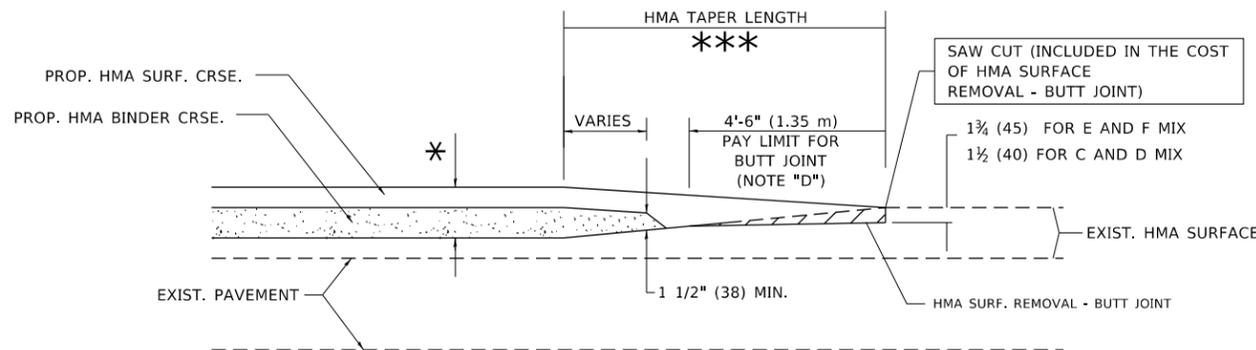
NOTES

- A. MAINLINE ROADWAYS AND MAJOR SIDE ROADS.
- B. MINOR SIDE ROADS.
- C. THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.
- D. THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.
- E. TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.
- F. INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT. * SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- G. SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".
 - *** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
 - 10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT".

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



BUTT JOINT AND HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING

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	DRAWN -	REVISED - A. ABBAS 03-21-97
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - M. GOMEZ 04-06-01
PLOT DATE = 10/15/2020	DATE - 06-13-90	REVISED - R.BORO 01-01-07

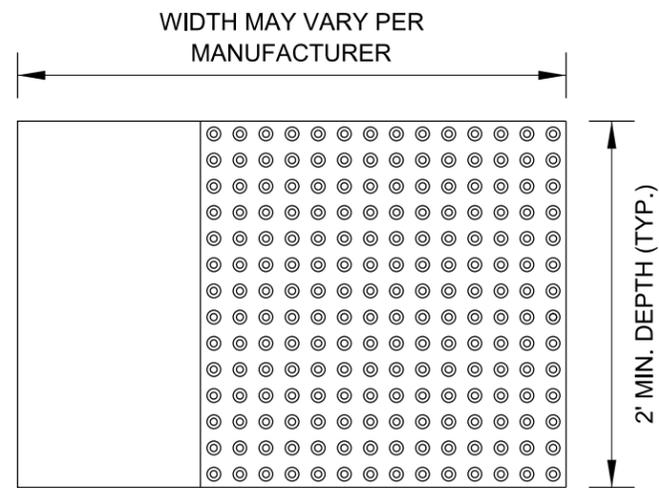
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND
HMA TAPER DETAILS

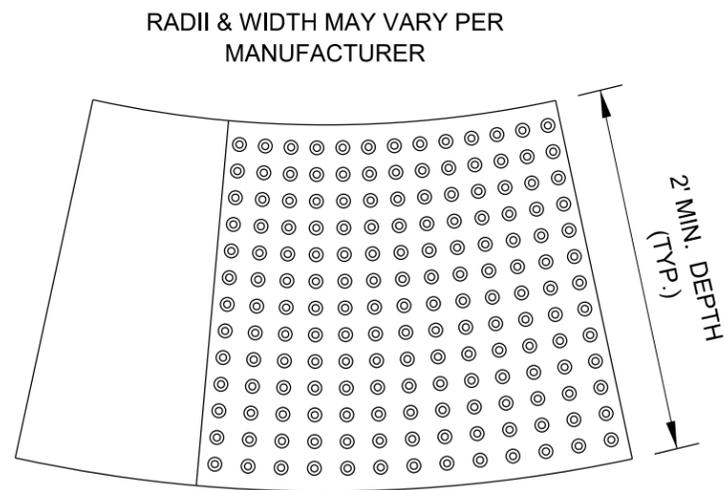
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	2020-101-R5&SW	COOK	93	79
BD400-05 BD32		CONTRACT NO. 62L79		
ILLINOIS FED. AID PROJECT				

STRAIGHT DETECTABLE WARNING UNITS



RADIAL DETECTABLE WARNING UNITS

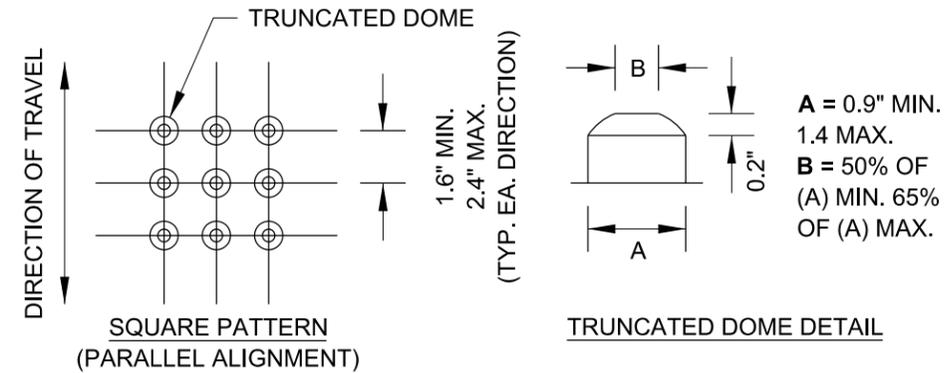


DETECTABLE WARNING UNIT SIZES

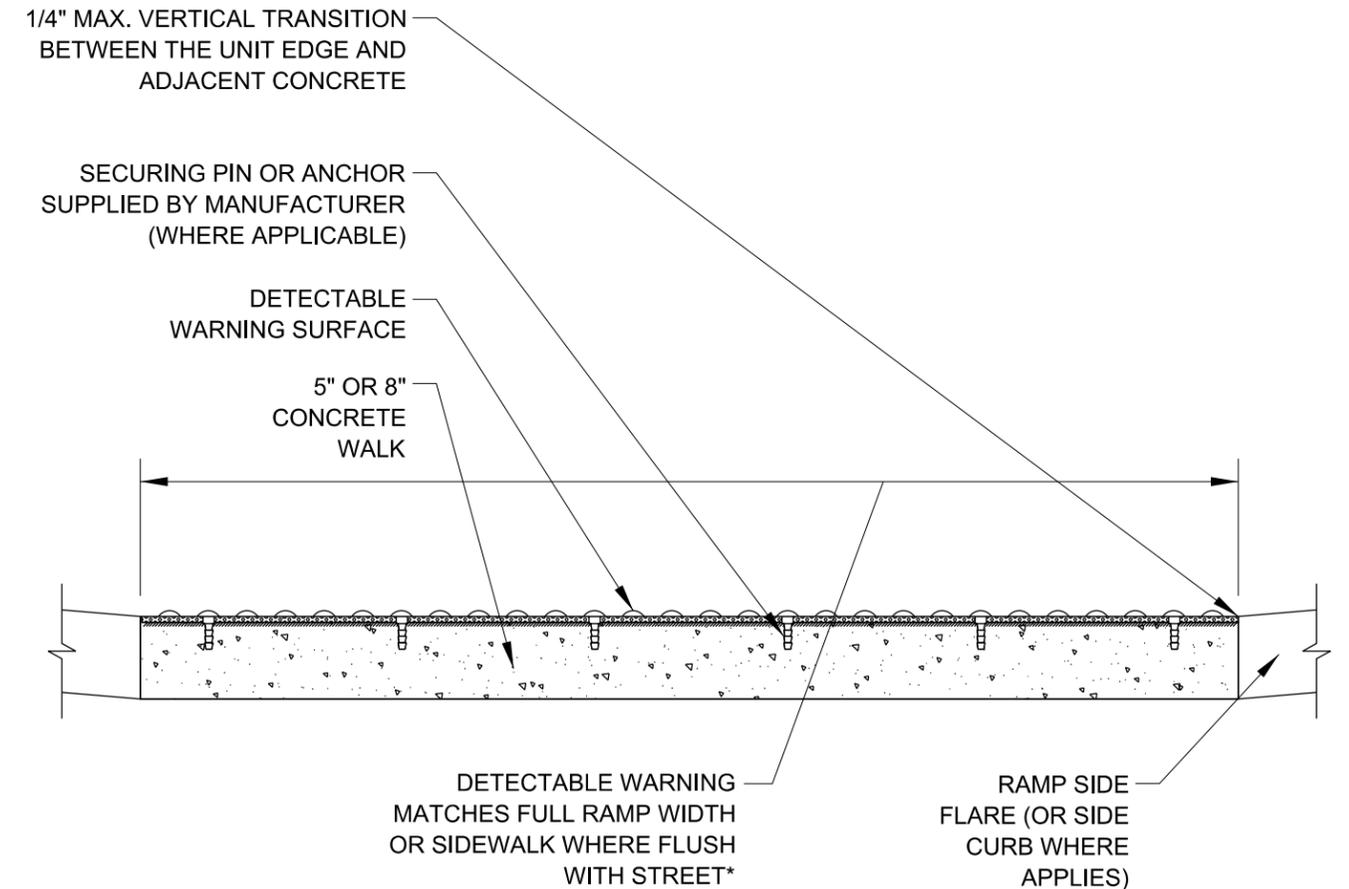
- VERIFY ALL DIMENSIONS WITH THE PRODUCT MANUFACTURER.
- IF USING RADIAL UNITS, VERIFY THAT THE CURB RADIUS MATCHES AVAILABLE UNIT RADII WITH THE PRODUCT MANUFACTURER.

GENERAL NOTE:

THE ROWS OF DOMES IN THE DETECTABLE WARNING MATERIAL MUST BE ALIGNED WITH THE PATH OF WHEELCHAIR TRAVEL WHICH IS REQUIRED TO BE PERPENDICULAR TO THE GRADE BREAK AT THE BOTTOM OF THE RAMP TO PERMIT TRACKING BETWEEN DOME ROWS. ON BLENDED TRANSITIONS OR FLUSH TRANSITIONS, WHERE RADIAL UNITS ARE SITUATED ABOUT THE CURB RADIUS, DOME ORIENTATION IS NOT SIGNIFICANT.



UNIT PATTERN & DOME DETAIL



*A BORDER OF 2 INCHES OR LESS AROUND THE DETECTABLE WARNING SURFACE IS ACCEPTABLE IF REQUIRED FOR PROPER INSTALLATION OF THE DETECTABLE WARNING SURFACE PRODUCT

DETECTABLE WARNING UNIT SECTION

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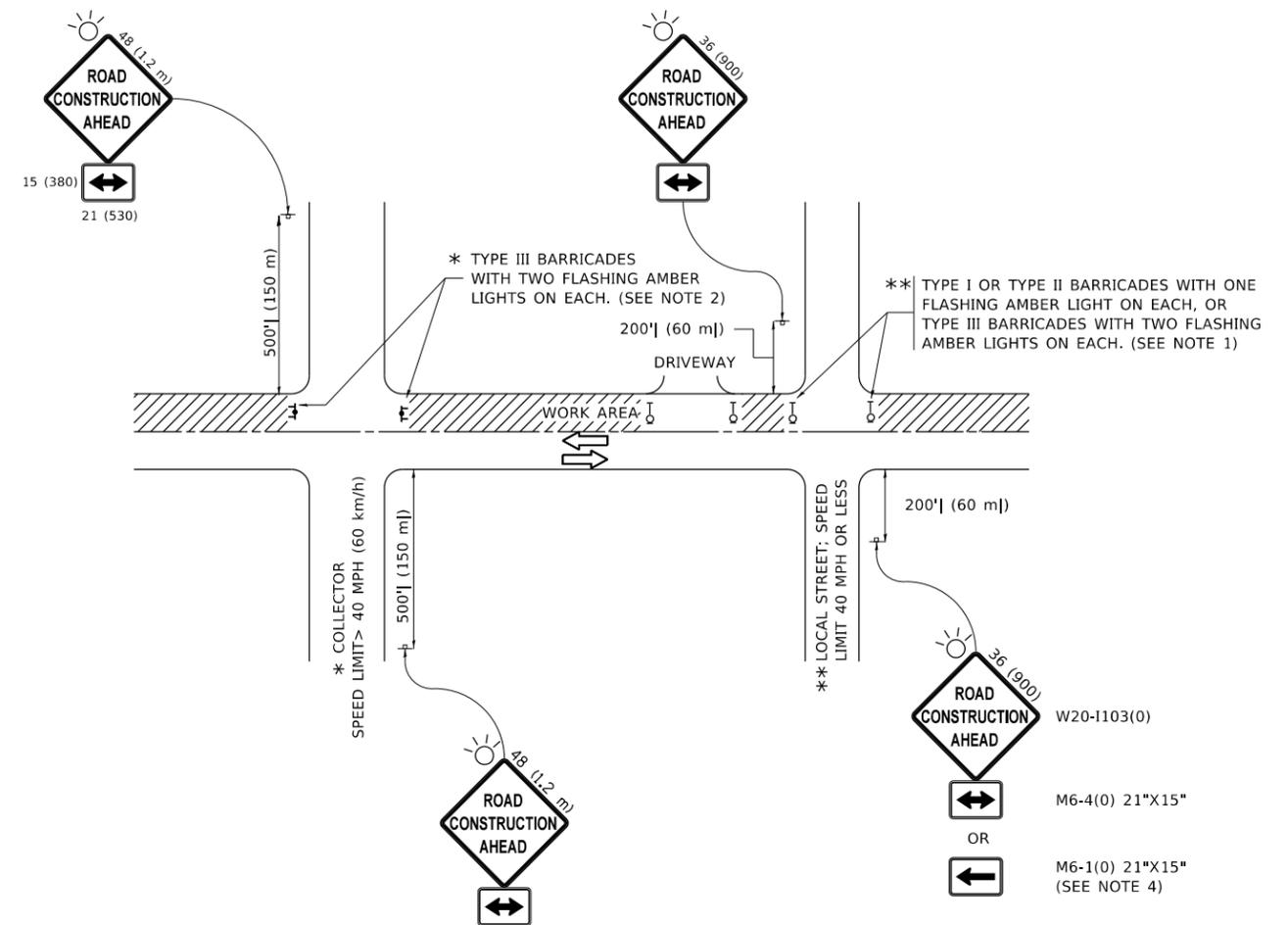
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PLOT DATE = 10/15/2020	DATE - 06-20-2017	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

VILLAGE OF ORLAND PARK
DETECTABLE WARNINGS

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

F.A.P. RTE. 348	SECTION 2020-101-R5&SW	COUNTY COOK	TOTAL SHEETS 93	SHEET NO. 80
BD 58		CONTRACT NO. 62L79		
ILLINOIS FED. AID PROJECT				



NOTES:

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

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

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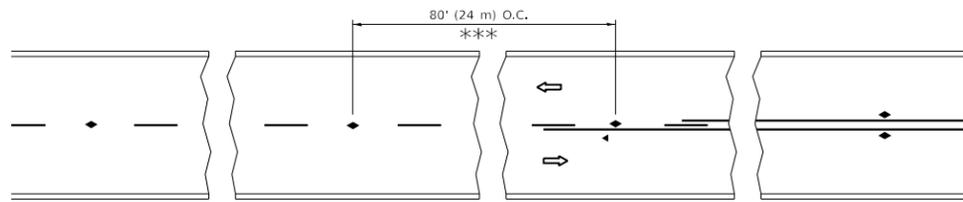
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PLOT DATE = 10/15/2020	DATE - 06-89	REVISED - A. SCHUETZE 07-01-13
		REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

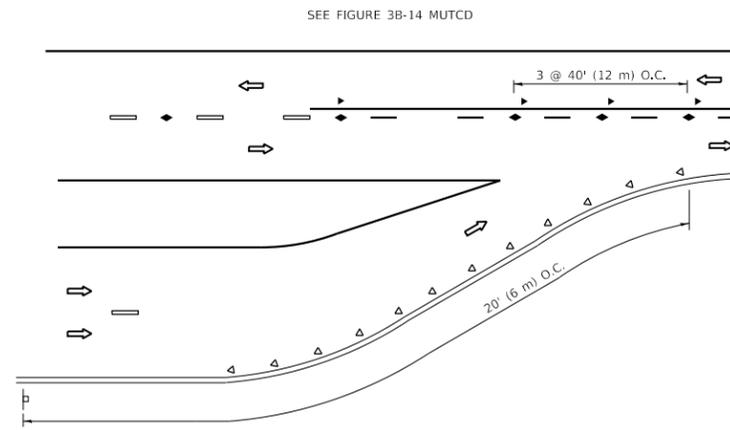
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TC-10			CONTRACT NO. 62L79	
ILLINOIS FED. AID PROJECT				

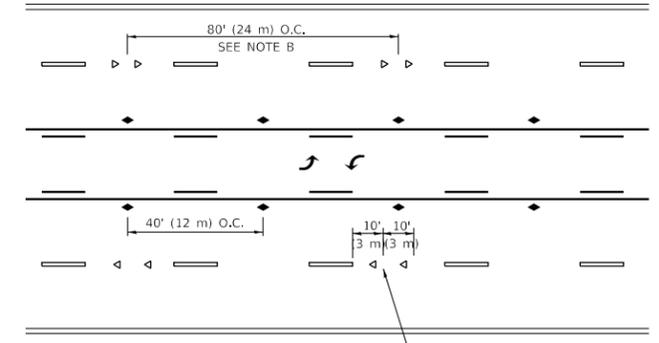


*** REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

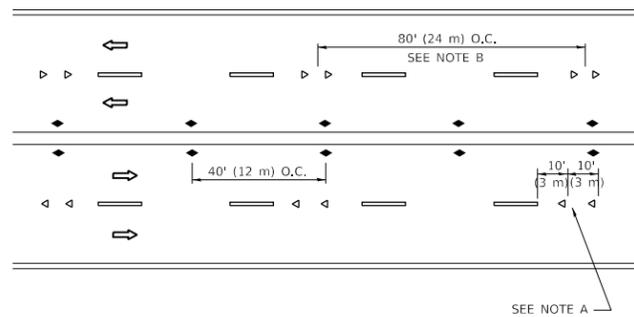
TWO-LANE/TWO-WAY



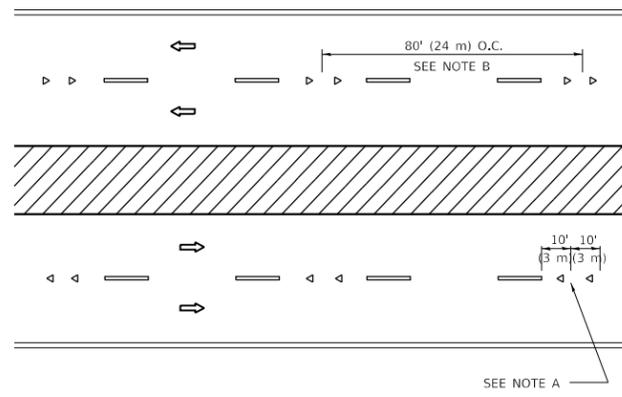
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

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

SYMBOLS

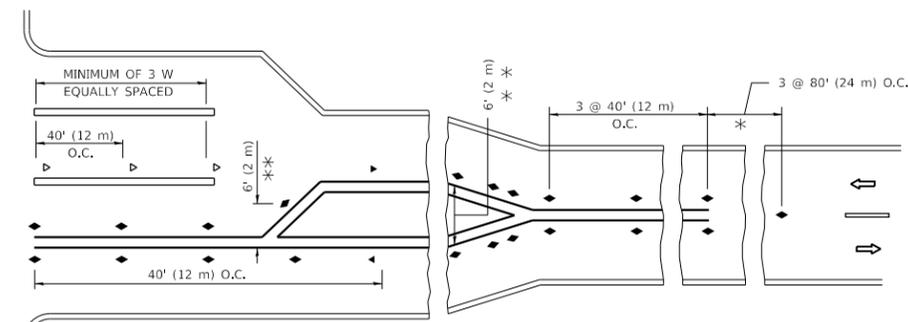
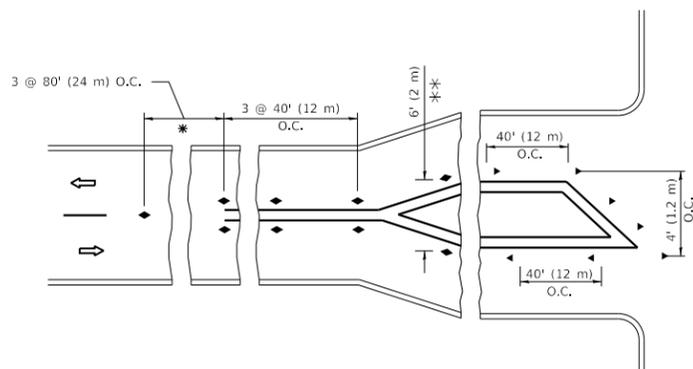
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◀ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

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

DESIGN NOTES

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



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

TURN LANES

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

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	DRAWN -	REVISED - T. RAMMACHER 01-06-00
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - C. JUCIUS 09-09-09
PLOT DATE = 10/15/2020	DATE -	REVISED - C. JUCIUS 07-01-13

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

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

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	2020-101-R5&SW	COOK	93	82
TC-11		CONTRACT NO. 62L79		
ILLINOIS		FED. AID PROJECT		

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

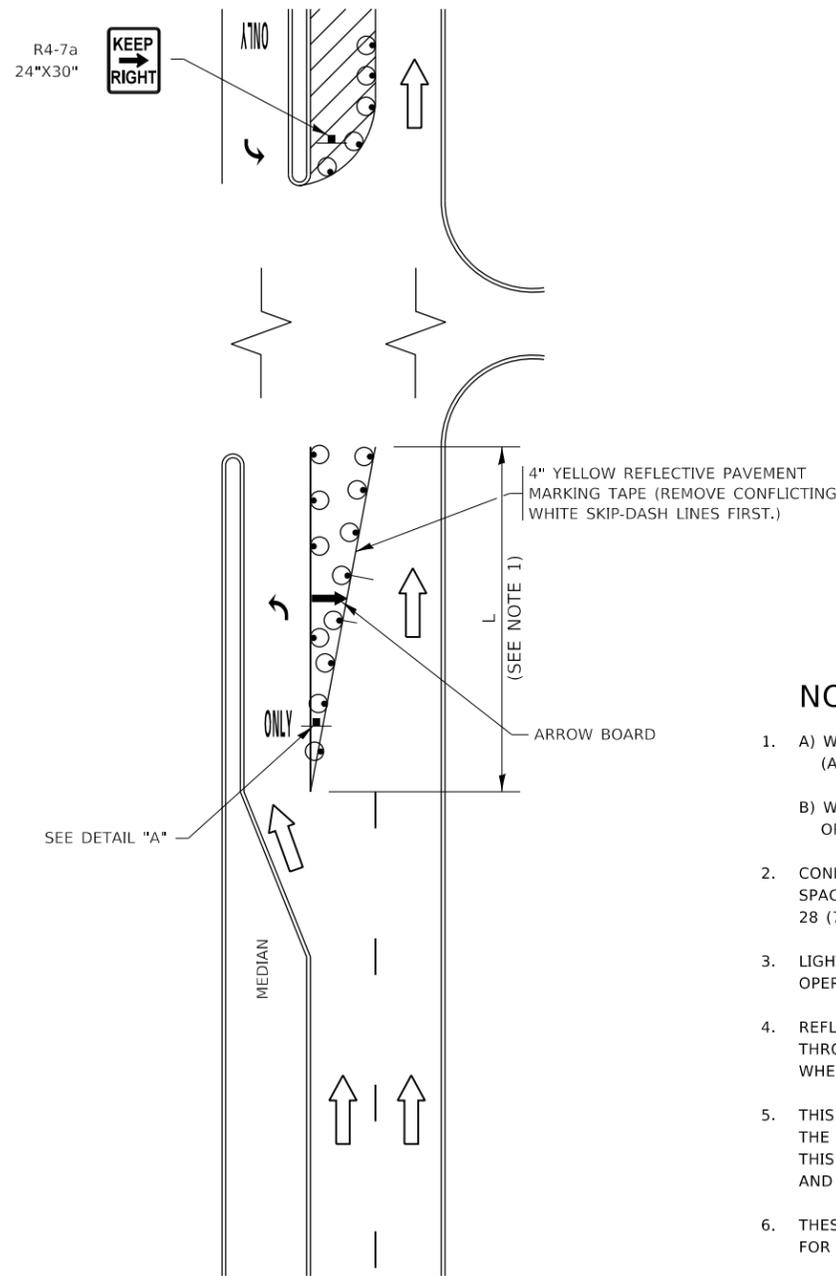


FIGURE 1

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

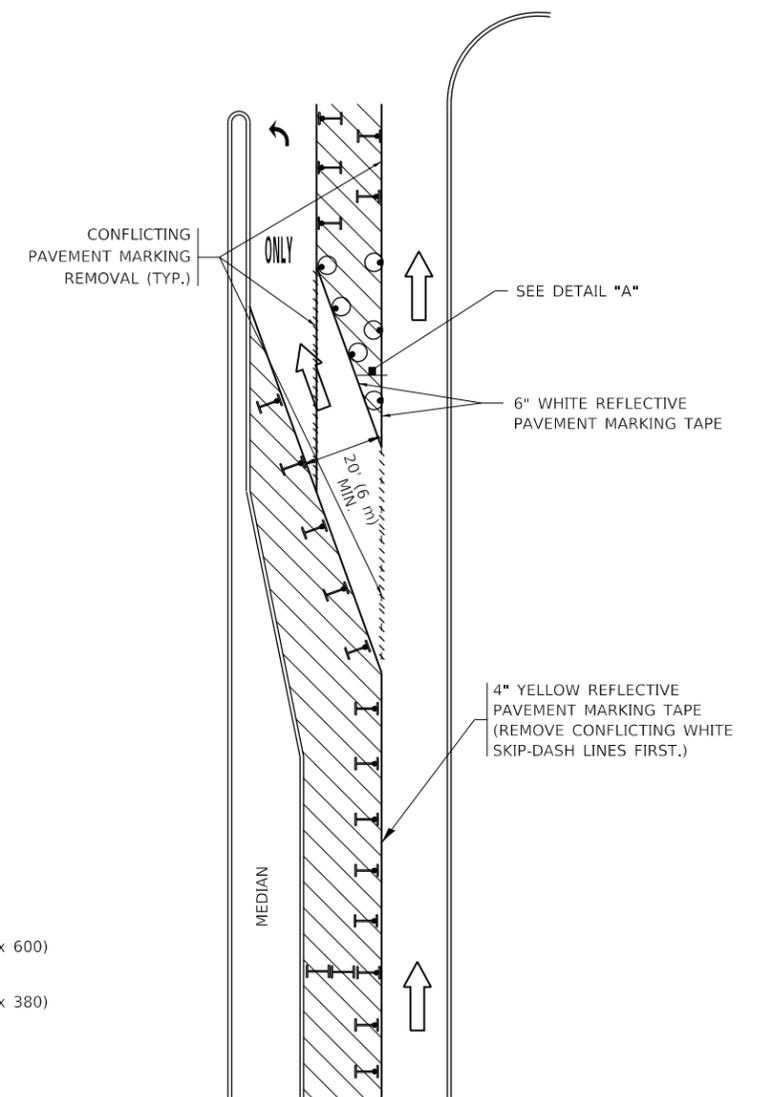
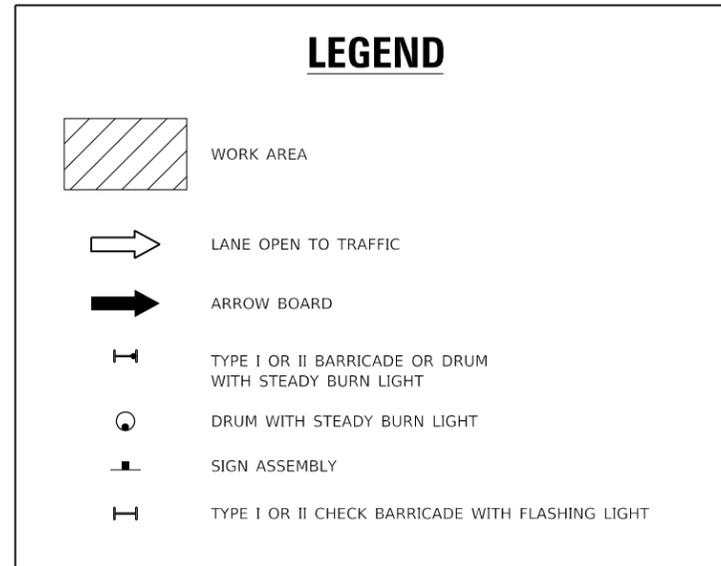
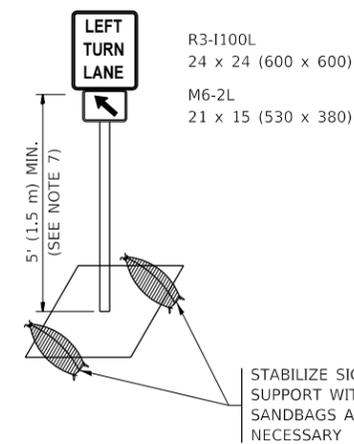


FIGURE 2



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.

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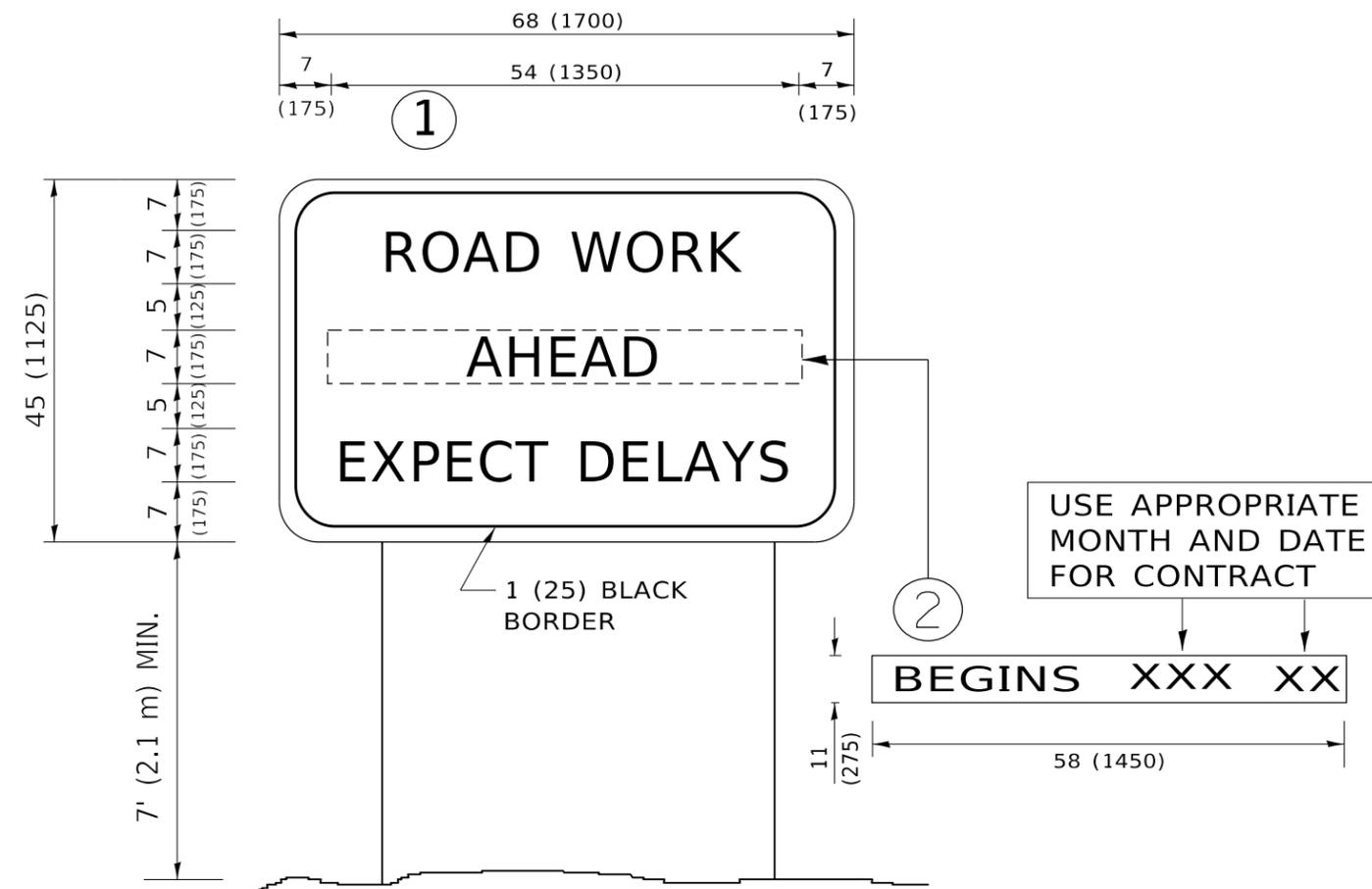
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	DRAWN - A. HOUSEH 11-07-95	REVISED - A. SCHUETZE 07-01-13
PLOT SCALE = 100,0000' / in.	CHECKED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16
PLOT DATE = 10/15/2020	DATE - T. RAMMACHER 01-06-00	REVISED -

**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.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	2020-101-R5&SW	COOK	93	84
TC-14		CONTRACT NO. 62L79		
ILLINOIS FED. AID PROJECT				



NOTES:

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

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

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PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
PLOT DATE = 10/15/2020	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

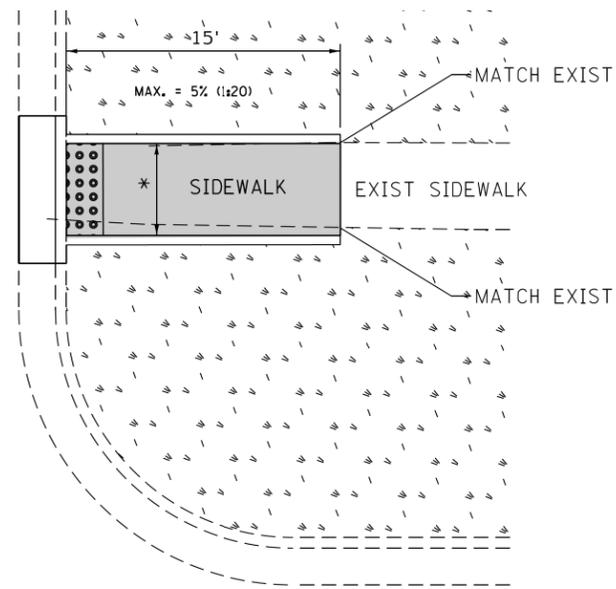
**ARTERIAL ROAD
INFORMATION SIGN**

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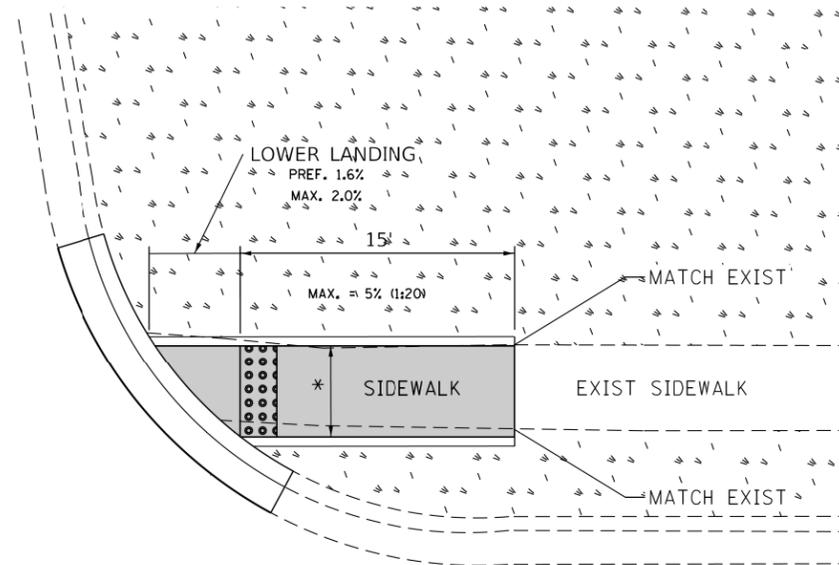
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348	2020-101-R5&SW	COOK	93	86
TC-22		CONTRACT NO. 62L79		
		ILLINOIS FED. AID PROJECT		

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

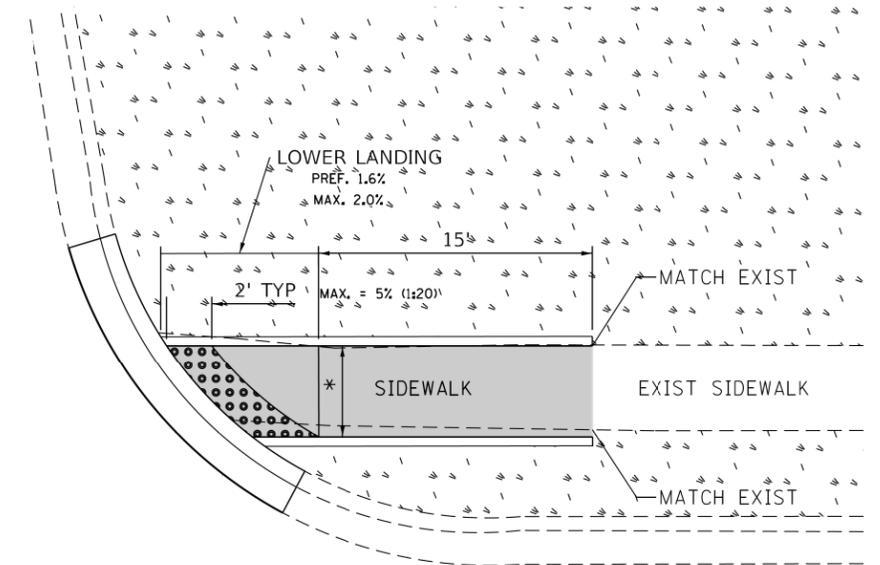
PD-01A



PD-01B



PD-01C



LEGEND

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

CONSTRUCTION NOTES:

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

* MATCH EXISTING SIDEWALK WIDTH

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	DRAWN -	REVISED -
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PLOT DATE = 10/15/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

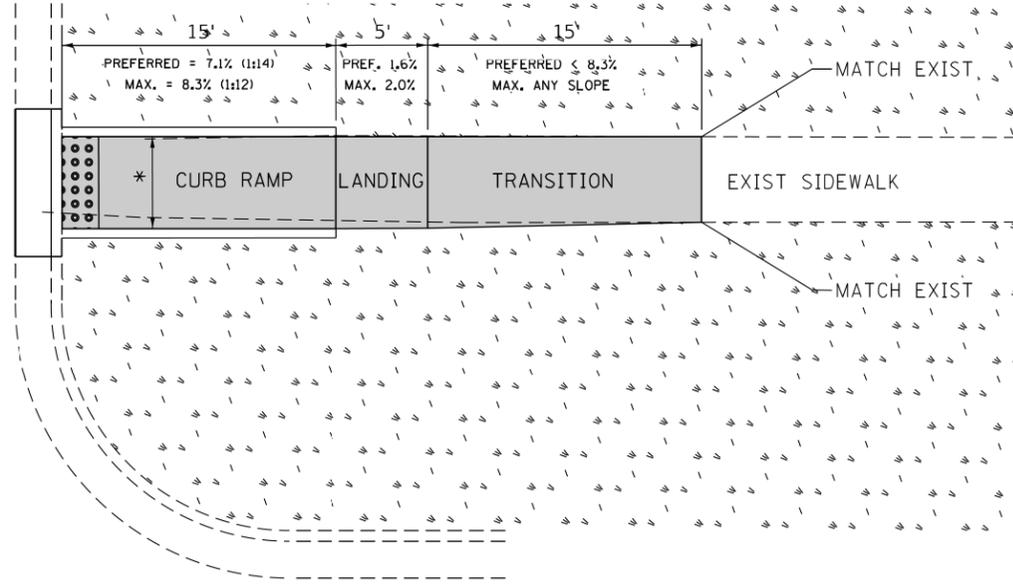
PROJECT DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS
(PD-01)

SCALE: SHEET OF SHEETS STA. TO STA.

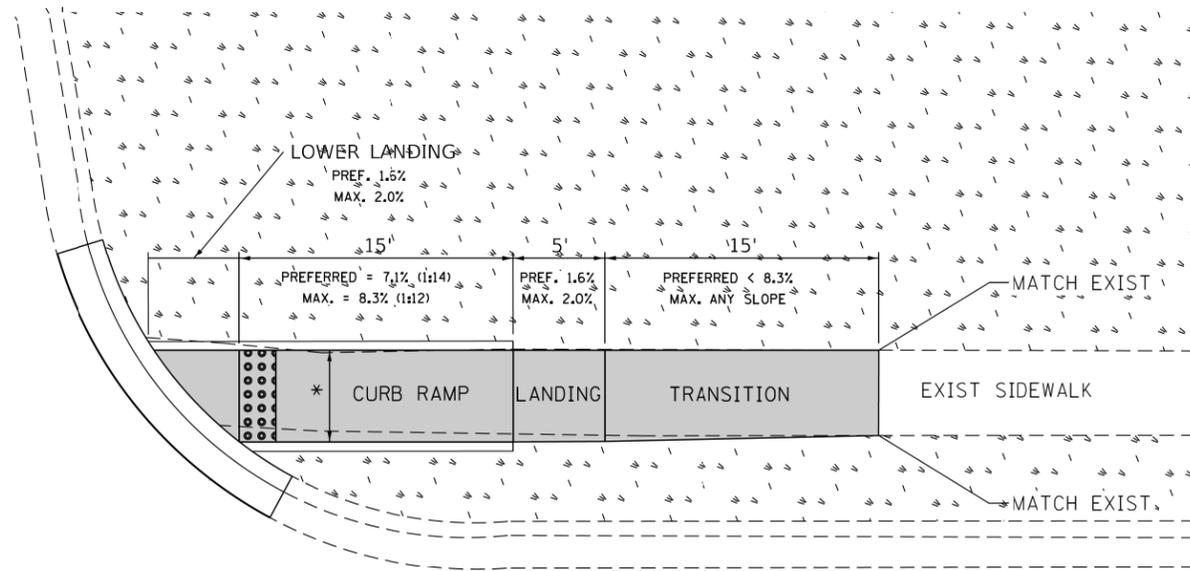
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348	2020-101-R5&SW	COOK	93	88
CONTRACT NO. 62L79				
ILLINOIS FED. AID PROJECT				

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

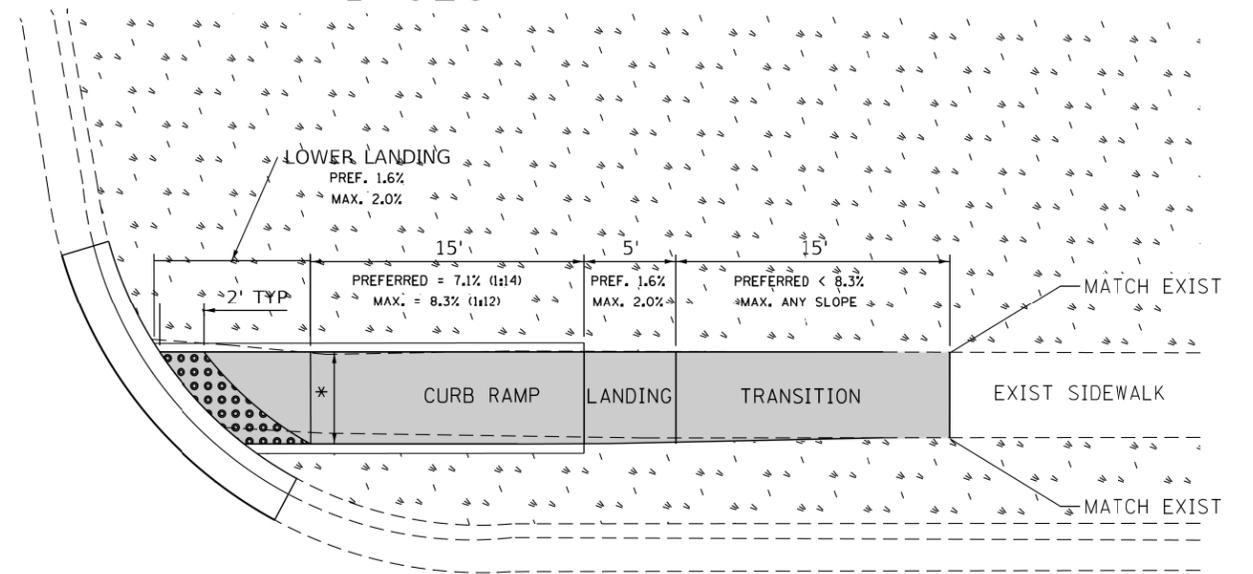
PD-02A



PD-02B



PD-02C



LEGEND

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

CONSTRUCTION NOTES:

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

* MATCH EXISTING SIDEWALK WIDTH

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	2020-101-R5&SW	COOK	93	89
CONTRACT NO. 62L79				

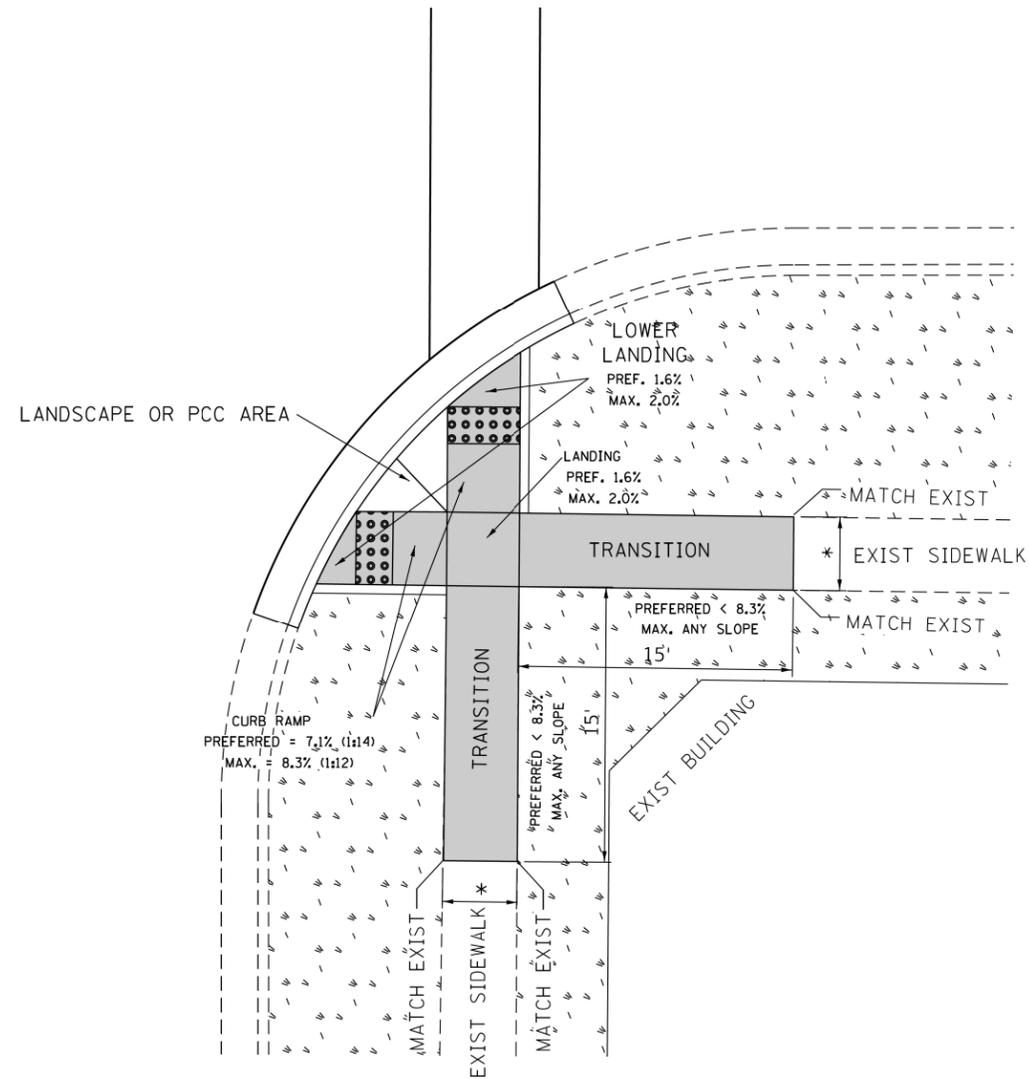
SCALE: SHEET OF SHEETS STA. TO STA.

ILLINOIS FED. AID PROJECT

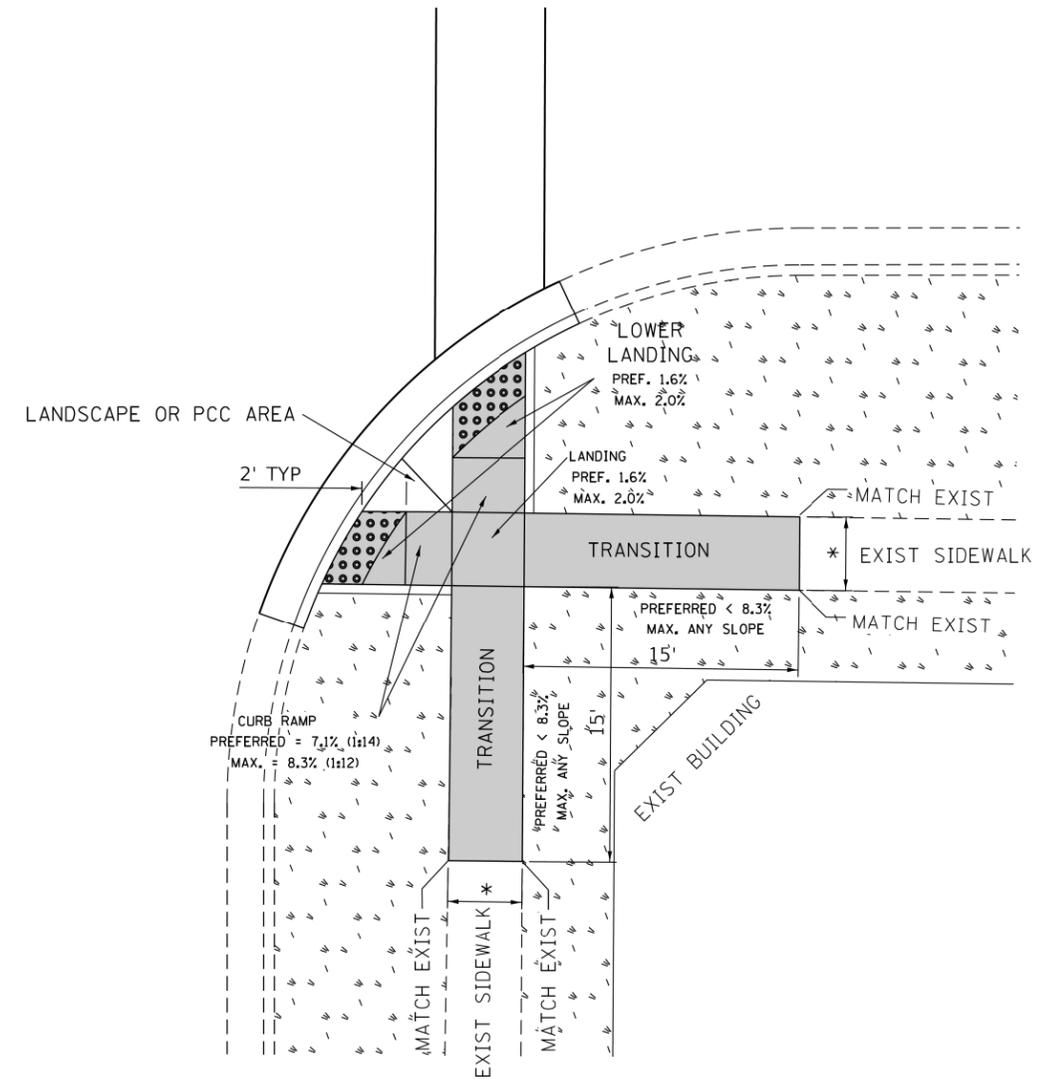
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	DATE -	REVISED -

ADA DETAIL FOR DOUBLE PERPENDICULAR CURB RAMPS

PD-03A



PD-03B



LEGEND

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

CONSTRUCTION NOTES:

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

* MATCH EXISTING SIDEWALK WIDTH

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

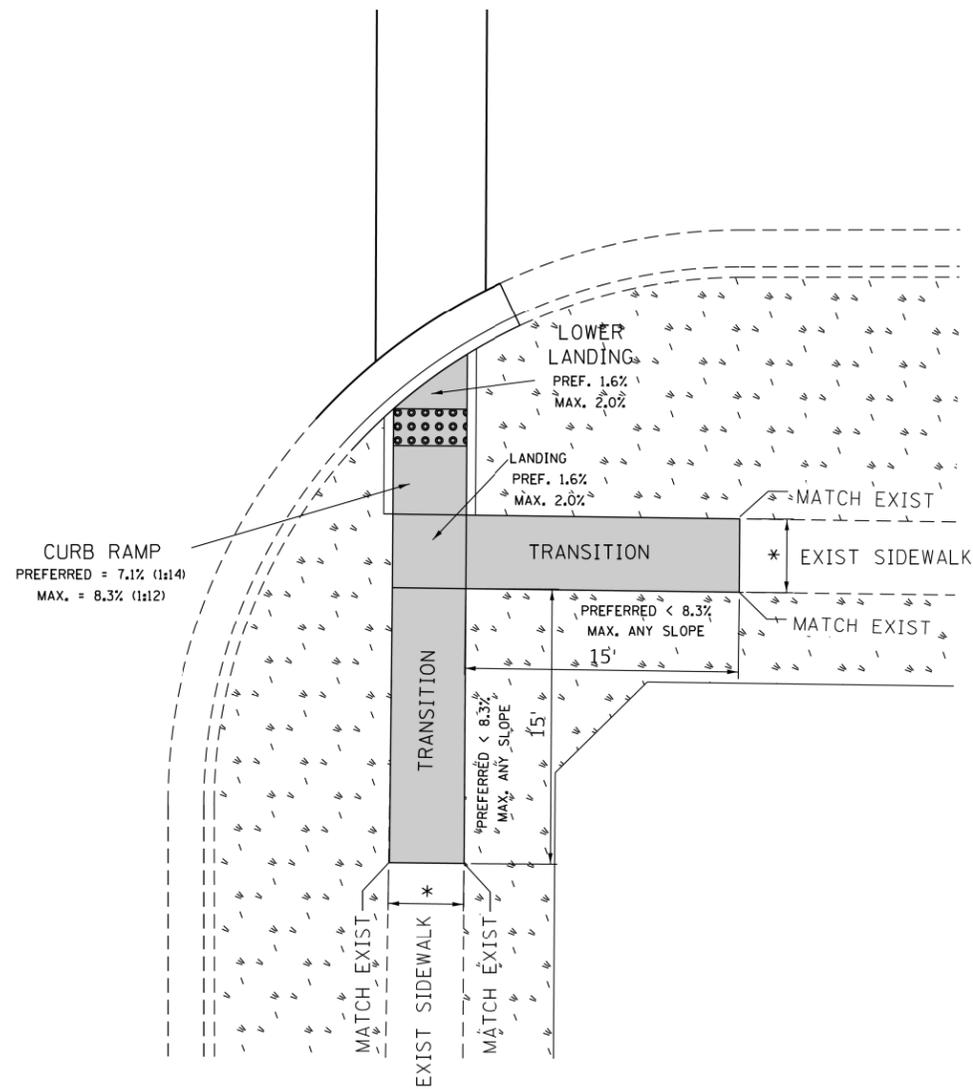
**PROJECT DETAIL FOR DOUBLE PERPENDICULAR CURB RAMPS
(PD-03)**

SCALE: SHEET OF SHEETS STA. TO STA.

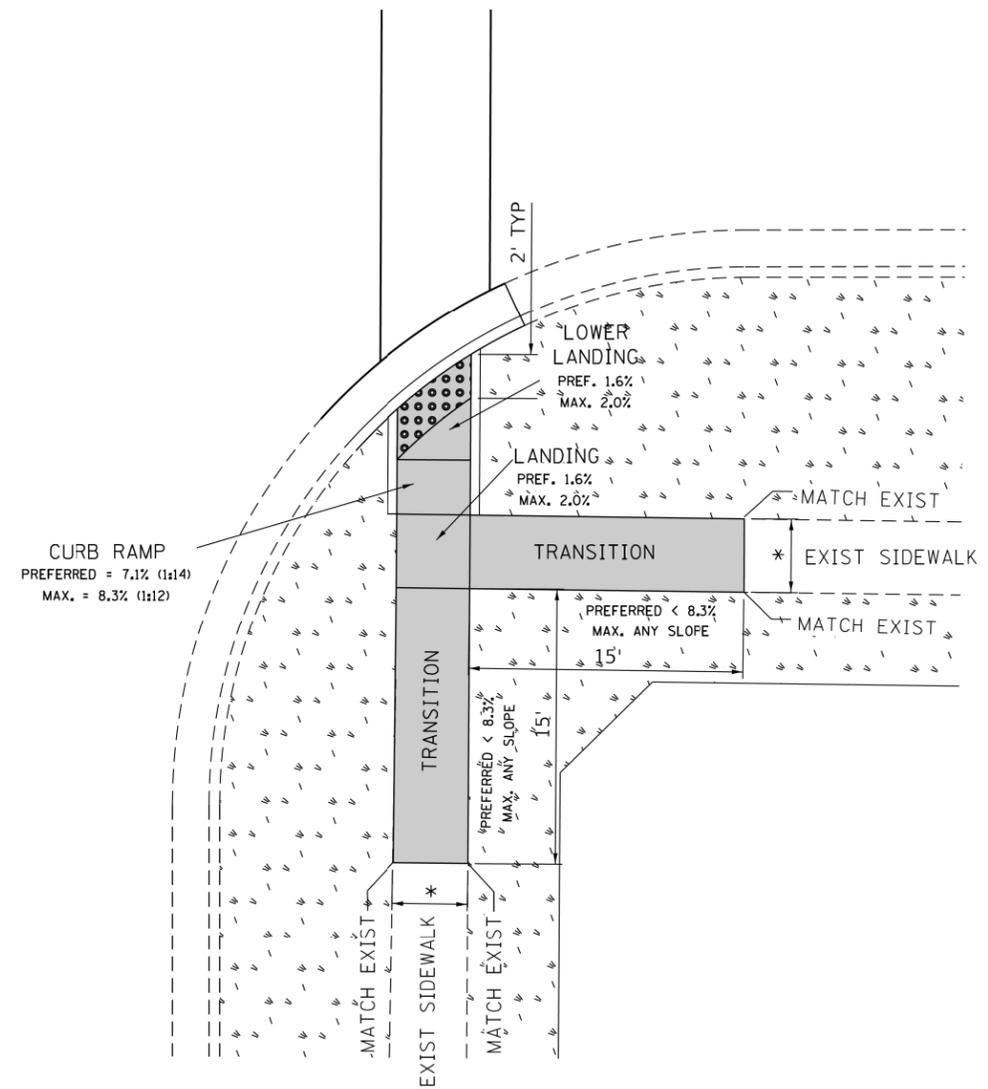
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	2020-101-R5&SW	COOK	93	90
CONTRACT NO. 62L79				
ILLINOIS FED. AID PROJECT				

ADA DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS W/ TURNING SPACE

PD-04A



PD-04B



LEGEND

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

CONSTRUCTION NOTES:

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

* MATCH EXISTING SIDEWALK WIDTH

MODEL: Default
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PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	
PLOT DATE = 10/15/2020	DATE -	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROJECT DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS
W/TURNING SPACE (PD-04)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
348	2020-101-R5&SW	COOK	93	91
CONTRACT NO. 62L79				
ILLINOIS FED. AID PROJECT				

