

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
378	2019-080-RS&SW	COOK	51	1
ILLINOIS			CONTRACT NO. 62J44	

D-91-199-19



FOR INDEX OF SHEETS, SEE SHEET NO. 2

THIS PROJECT IS LOCATED IN THE VILLAGE OF LINCOLNWOOD AND VILLAGE OF SKOKIE

PROPOSED  
HIGHWAY PLANS

ROUTE: F.A.P. 378 MCCORMICK BLVD.  
DEMPSTER ST. TO DEVON AVE.  
SECTION: 2019-080-RS&SW  
PROJECT: NHPP-ECJS(429)

DESIGNED OVERLAY, ADA IMPROVEMENTS AND DRAINAGE  
COOK COUNTY

C-91-432-19

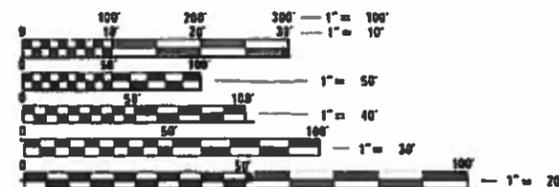
TRAFFIC DATA:

2018 AADT=37,900  
SPEED LIMIT  
= 40 MPH

PROJECT ENDS  
STA 166 + 45.00



PROJECT BEGINS  
STA 7 + 37.00



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. 62J44

GROSS LENGTH = 15,908 FT. = 3.01 MILE  
NET LENGTH = 15,908 FT. = 3.01 MILE

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED: DECEMBER 19, 2019

*Anthony Rangel*  
Jan 31, 2020  
ENGINEER OF DESIGN AND ENVIRONMENT

*Asmat Qureshi*  
Jan 31, 2020  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

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**STATE STANDARDS**

STANDARD NO.	DESCRIPTION
000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424011-04	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424021-05	DEPRESSED CORNER FOR SIDEWALKS
424026-03	ENTRANCE / ALLEY PEDESTRIAN CROSSINGS
442201-03	CLASS C AND D PATCHES
604001-05	FRAMES AND LIDS TYPE 1
604091-03	FRAME AND GRATE TYPE 24
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 m) FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS- DAY ONLY
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS <= 40 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
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 "JULIE" AT (800) 892-0123 OR 811 AND CUAN AT (312) 744-7000 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES. (48 HOUR NOTIFICATION REQUIRED)
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, VILAGE OF LICOLNWOOD, AND VILLAGE OF SKOKIE.
- FRAMES AND GRATES ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE LIMITS OF THE IMPROVEMENTS SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT.
- THE CONTRACTOR SHALL CONTACT DISTRICT ONE ARTERIAL TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT THE WRITTEN PERMISSION OF THE DEPARTMENT.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
- ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- DRAINAGE ADJUSTMENT OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- FOR FRAMES AND LIDS ADJUSTMENT WITHOUT MILLING, REUSE EXISTING FRAME AND LID UNLESS OTHERWISE SPECIFIED IN THE PLANS.
- WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1/2 INCHES WHERE THE SPEED LIMIT IS 45 MPH OR LESS, AND 1 INCH WHERE THE SPEED LIMIT IS OVER 45 MPH. WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM OF 1V:3H.
- BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) IN ACCORDANCE WITH THE "BUTT JOINT AND HMA TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- TWO WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS, THE ENGINEER SHALL CONTACT DON CHIARUGI, AREA TRAFFIC FIELD ENGINEER AT DON.CHIARUGI@ILLINOIS.GOV
- 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.
- 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.
- PAVEMENT MARKING TAPE, TYPE III SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPLACEMENT OF ANY DETECTOR LOOPS DAMAGED DURING CONSTRUCTION.
- THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION.
- LOCATION OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT (OR COMBINATION CURB AND GUTTER (THE TYPE SPECIFIED IN THE PLANS)) WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS WHICH WILL NOT BE REMOVED. ANY DAMAGES DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S OWN EXPENSE.
- NO CONSTRUCTION EQUIPMENT OR CONSTRUCTION MATERIALS MAY BE PLACED WITHIN TREES' ROOT ZONE ALONG MCCORMICK BLVD. ESPECIALLY WITHIN THE SKOKIE NORTHSORE CHANNEL PARK.

**GENERAL NOTES (DRAINAGE RELATED)**

- THE DEPARTMENT SHALL BE RESPONSIBLE FOR CONTACTING OWNERS OF ALL UTILITIES PRIOR TO CONSTRUCTION TO DETERMINE THE LOCATION OF ALL UTILITY EQUIPMENT. THE DEPARTMENT SHALL COOPERATE WITH ALL UTILITY OWNERS IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS IF UTILITY RELOCATION, ADJUSTMENT, OR PROTECTION IS NECESSARY.
- THE LOCATION OF EXISTING DRAINAGE STRUCTURES, STORM SEWERS, WATER MAINS, SANITARY SEWERS, AND ANY OTHER PUBLIC OR PRIVATE UTILITIES AS SHOWN ON THE PLANS IS APPROXIMATE AND THEIR EXACT LOCATION IS TO BE DETERMINED IN THE FIELD BY THE DEPARTMENT.
- THE DEPARTMENT SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND AND SURFACE UTILITIES EVEN THOUGH THEY MIGHT NOT BE SHOWN ON THE PLANS. ANY UTILITY PROPERTY DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER.

**EROSION CONTROL**

- SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MINIMIZE EROSION. AREAS OF THE SITE THAT ARE NOT TO BE GRADED SHALL BE PROTECTED FROM CONSTRUCTION TRAFFIC OR OTHER DISTURBANCE UNTIL FINAL SEEDING IS PERFORMED.
- PROPERTIES AND CHANNELS ADJOINING THE SITE SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION.
- SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.
- DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN ONE (1) CALENDAR DAY FOLLOWING THE END OF ACTIVE HYDROLOGIC DISTURBANCE.
- THE DEPARTMENT SHALL PROVIDE ADEQUATE RECEPTACLES FOR THE DEPOSITION OF ALL CONSTRUCTION MATERIAL DEBRIS GENERATED DURING THE DEVELOPMENT PROCESS. THE DEPARTMENT SHALL NOT CAUSE OR PERMIT DUMPING, DEPOSITING, DROPPING, THROWING, DISCARDING OR LEAVING OF CONSTRUCTION MATERIAL DEBRIS UPON OR INTO THE CONSTRUCTION SITE, CHANNEL, WATERS OF THE UNITED STATES. THE DEPARTMENT SHALL MAINTAIN THE CONSTRUCTION SITE FREE OF CONSTRUCTION MATERIAL DEBRIS.
- ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED IN IN EFFECTIVE WORKING CONDITION.
- ALL ESC MEASURES WILL BE MAINTAINED IN ACCORDANCE WITH THE IDOT EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION AND IDOT'S BEST MANAGEMENT PRACTICES -MAINTENANCE GUIDE: ([HTTP://WWW.IDOT.ILLINOIS.GOV/TRANSPORTATION-SYSTEM/ENVIRONMENT/EROSION-AND-SEDIMENT-CONTROL](http://www.idot.illinois.gov/transportation-system/environment/erosion-and-sediment-control)).
- THE DEPARTMENT SHALL CHECK ALL ESC MEASURES WEEKLY AND AFTER EACH RAINFALL, 0.5 INCHES OR GREATER IN A 24-HOUR PERIOD, OR EQUIVALENT SNOWFALL. ADDITIONALLY DURING WINTER MONTHS, ALL MEASURES SHOULD BE CHECKED BY THE DEPARTMENT AFTER EACH SIGNIFICANT SNOWMELT.
- TEMPORARY OR PERMANENT STABILIZATION SHALL BE INITIATED IMMEDIATELY UPON COMPLETION OF DISTURBANCE OR IF THE WORK AREA IS TO BE LEFT UNDISTURBED FOR 14 DAYS OR MORE.

FILE NAME =	USER NAME = alawnehab	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES AND INDEX SHEET MCCORMICK BLVD. (DEMPSTER ST. TO DEVON AVE.)</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\planroom\dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 1\Projects\0119919\Drawings\Design\0119919-shr-genote.dgn		CHECKED -	REVISED -		378	2019-080-R5&SW	COOK	51	2			
PLOT SCALE = 100.0000' / 1in.		DATE -	REVISED -		CONTRACT NO. 62J44							
PLOT DATE = 12/13/2019					ILLINOIS FED. AID PROJECT							

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		0005 80% FED 20% STATE	0005 100% STATE	0005 80% FED 20% STATE	0005 100% STATE		
20101000	TEMPORARY FENCE	FOOT	50			50			
20200100	EARTH EXCAVATION	CU YD	57	57					
20400800	FURNISHED EXCAVATION	CU YD	18			18			
21101615	TOPSOIL FURNISH AND PLACE, 4"	SO YD	72	72					
21101625	TOPSOIL FURNISH AND PLACE, 6"	SO YD	1080			1080			
25000110	SEEDING, CLASS 1A	ACRE	0.3			0.3			
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	28	1		27			
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	28	1		27			
25100630	EROSION CONTROL BLANKET	SO YD	1080			1080			
25200110	SODDING, SALT TOLERANT	SO YD	72	72					
25200200	SUPPLEMENTAL WATERING	UNIT	1	1					
28000400	PERIMETER EROSION BARRIER	FOOT	215			215			
28100109	STONE RIPRAP, CLASS A5	SO YD	15			15			
28200200	FILTER FABRIC	SO YD	19			19			
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	54	54					

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		0005 80% FED 20% STATE	0005 100% STATE	0005 80% FED 20% STATE	0005 100% STATE		
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	77813	77813					
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	173	173					
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SO YD	815	815					
40602985	HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70	TON	12911	12911					
40605026	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, 9.5, MIX "F", N80	TON	11297	11297					
42001300	PROTECTIVE COAT	SO YD	628	628					
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SO FT	6003	6003					
* 42400800	DETECTABLE WARNINGS	SO FT	334	334					
44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SO YD	115279	115279					
44000600	SIDEWALK REMOVAL	SO FT	6003	6003					
44201773	CLASS D PATCHES, TYPE I, 11 INCH	SO YD	12	12					
44201777	CLASS D PATCHES, TYPE II, 11 INCH	SO YD	156	156					
								* SPECIALITY ITEM	

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	PLOT SCALE = 100,0000' / 1in	CHECKED -	REVISED -
	PLOT DATE = 12/13/2019	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SUMMARY OF QUANTITIES</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
378	2019-080-R5&SW	COOK	51	3
FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT			CONTRACT NO. 62J44	

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE				URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		0005 80% FED 20% STATE	0005 100% STATE	0005 80% FED 20% STATE	0005 100% STATE		CODE NO	ITEM	UNIT	0005 80% FED 20% STATE	0005 100% STATE	0005 80% FED 20% STATE
44201781	CLASS D PATCHES, TYPE III, 11 INCH	SO YD	43	43				* 66900530	SOIL DISPOSAL ANALYSIS	EACH	2	2		
44201783	CLASS D PATCHES, TYPE IV, 11 INCH	SO YD	100	100				* 66901001	REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN	LSUM	1	1		
54261236	CONCRETE END SECTION, STANDARD 542001, 36", 1:2	EACH	1		1			* 66901003	REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT	LSUM	1	1		
550A0750	STORM SEWERS, CLASS A, TYPE 3 36"	FOOT	38		38			* 66901006	REGULATED SUBSTANCES MONITORING	CAL DA	15	15		
55101600	STORM SEWER REMOVAL 36"	FOOT	46		46			67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6		
60223800	MANHOLES, TYPE A, 6' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1		1			67100100	MOBILIZATION	L SUM	1	1		
60255410	CATCH BASINS TO BE CLEANED	EACH	1		1			70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1		
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	2	2				70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1		
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	7	7				70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1		
60266600	VALVE BOXES TO BE ADJUSTED	EACH	1	1				70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1		
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	10	10				70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1		
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	7	7				70300100	SHORT TERM PAVEMENT MARKING	FOOT	142800	142800		
60406000	FRAMES AND LIDS, TYPE 1, ADA COMPLIANT OPEN LID	EACH	1	1				70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	142800	142800		
* 66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	57	57										* SPECIALITY ITEM

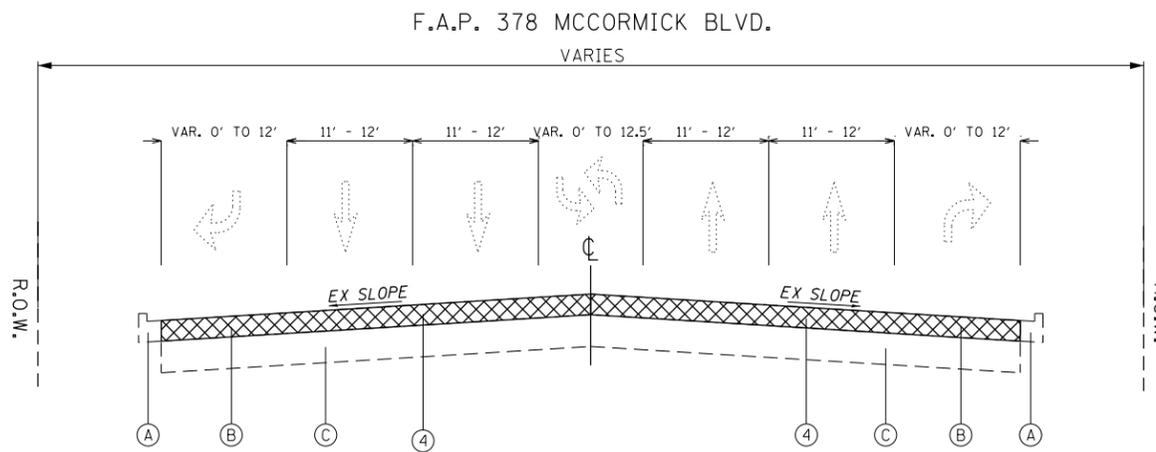
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p:\p\planroom\dtd\illinois\gov\PI\DOT\Documents\DOT	Offices\District\Projects\0199\CADData\Design\01999-sth	DRAWN -	REVISED -			378	2019-080-R5&SW	COOK	51	4	
		CHECKED -	REVISED -			CONTRACT NO. 62J44					
		DATE -	REVISED -			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE						
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0005 80% FED 20% STATE	0005 100% STATE	0005 80% FED 20% STATE	0005 100% STATE			CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0005 80% FED 20% STATE	0005 100% STATE	0005 80% FED 20% STATE	0005 100% STATE		
70300210	TEMPORARY PAVEMENT MARKING LETTERS AND SYMBOLS	SO FT	2267	2267						78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	1738	1738					
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	54881	54881					*	88600600	DETECTOR LOOP REPLACEMENT	FOOT	5001	5001					
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	8695	8695					*	89500400	RELOCATE EXISTING PEDESTRIAN PUSH-BUTTON	EACH	16	16					
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	189	189					*	89502376	REBUILD EXISTING HANDHOLE	EACH	12	12					
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	4750	4750						X0320050	CONSTRUCTION LAYOUT (SPECIAL)	L SUM	1	1					
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	1159	1159						X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	1745		1745				
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	71400	71400						X5538600	STORM SEWERS TO BE CLEANED 36"	FOOT	130				130		
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	2267	2267						X6030310	FRAMES AND LIDS TO BE ADJUSTED (SPECIAL)	EACH	76	76					
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	54881	54881						X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SO FT	32720	32720					
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	8695	8695						Z0004562	COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT	FOOT	992	992					
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	189	189						Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	356		356				
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	4750	4750						Z0023201	SEDIMENT CONTROL, SILT CURTAIN	EACH	1			1			
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	1159	1159						Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	51.4	51.4					
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1840	1840						Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	62957	62957					
										Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1					*SPECIALITY ITEM

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	PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SUMMARY OF QUANTITIES</b>			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
378	2019-080-R5&SW	COOK	51
			SHEET NO. 5
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT	
		CONTRACT NO. 62J44	



EXISTING TYPICAL SECTION

STA 7+37 TO STA 166+45

LEGEND - EXISTING:

- (A) EXISTING COMB. CURB AND GUTTER, (VARIES)
- (B) EXISTING H.M.A. 4" (±)
- (C) EXISTING H.M.A. BASE COURSE, 10" (±)

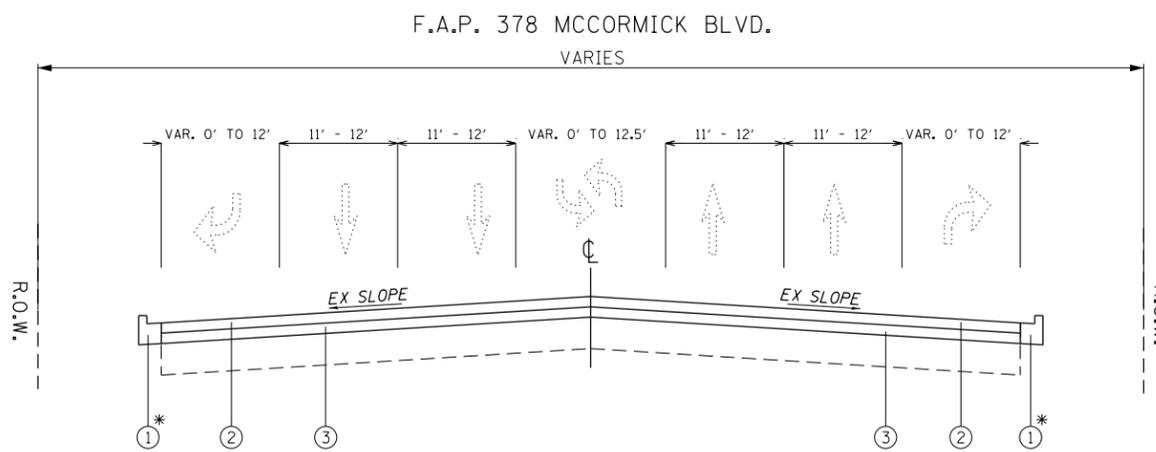
LEGEND - PROPOSED

- (1) PROPOSED COMB. CURB AND GUTTER, (VARIES)\*
- (2) PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE MIX "F", SMA, 9.5, N80, 1.75"
- (3) PROPOSED HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70, 2"
- (4) PROPOSED HOT-MIX ASPHALT SURFACE REMOVAL, 3¾"

\* PROPOSED COMB. CURB AND GUTTER, (VARIES) SHALL BE DONE AT LOCATIONS INDICATED BY THE RESIDENT ENGINEER.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE USES	MIXTURE TYPE	AIR VOIDS @ Ndes	QMP
PAVEMENT RESURFACING	PROPOSED POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, SMA, MIX "F", 9.5, N80, 1.75"	3.5% @ 80 GYR.	PFPP
	HOT-MIX ASPHALT BINDER COURSE, IL-9.5, N70, 2"	4% @ 70 GYR.	OCP
PATCHING	CLASS D PATCH (HMA BINDER IL-19 mm), 11"	4% @ 70 GYR.	QC/QA
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC/QA); QUALITY CONTROL FOR PERFORMANCE (OCP); PAY FOR PERFORMANCE (PFPP)			



PROPOSED TYPICAL SECTION

STA 7+37 TO STA 166+45

- NOTE 1: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
- NOTE 2: THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.
- NOTE 3: QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.
- NOTE 4: THE LOGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE HMA BINDER COURSE IL-9.5"
- NOTE 5: CONTRACTOR SHALL MILL BEFORE PATCH

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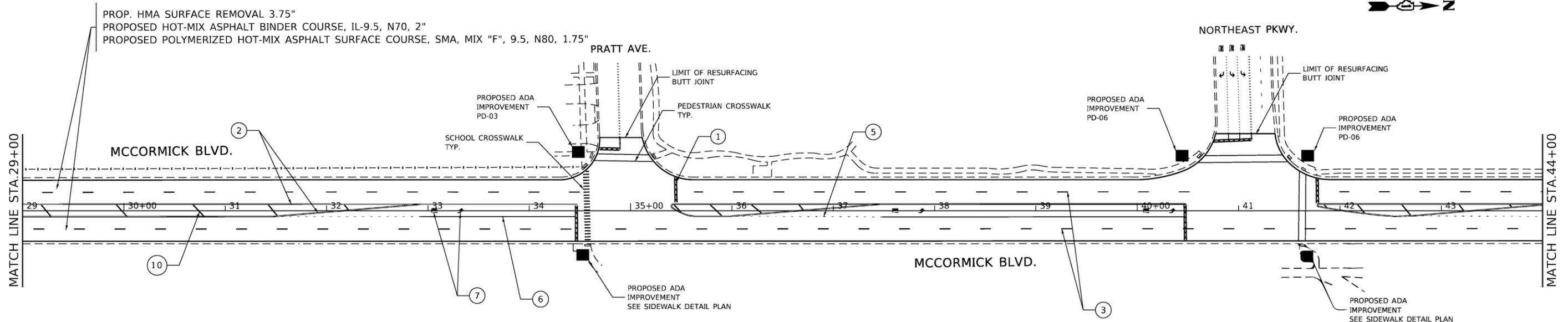
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION  
MCCORMICK BLVD - DEMPSTER ST. TO DEVON AVE.

F.A.P. RTE. 378	SECTION 2019-080-R5&SW	COUNTY COOK	TOTAL SHEETS 51	SHEET NO. 6
CONTRACT NO. 62J44				
ILLINOIS FED. AID PROJECT				

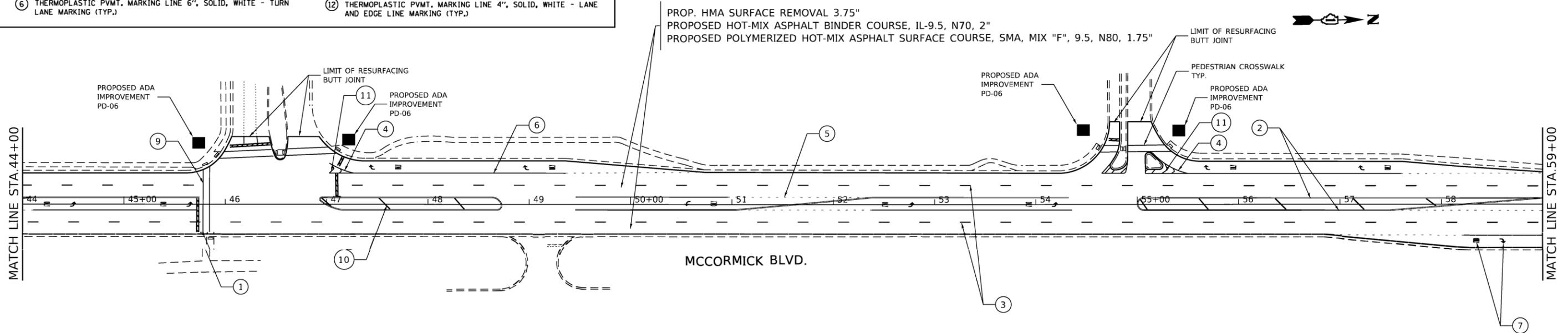
SCALE: SHEET OF SHEETS STA. TO STA.





**PROPOSED PAVEMENT MARKINGS LEGEND**

- ① THERMOPLASTIC PVMT. MARKING LINE 24", SOLID, WHITE - STOP LINES (TYP.)
- ② THERMOPLASTIC PVMT. MARKING LINE 4", SOLID, YELLOW, 2 @ 4", 11" C-C - CENTER LINE/PAINTED MEDIAN MARKING (TYP.)
- ③ THERMOPLASTIC PVMT. MARKING LINE 4", SKIP DASH, WHITE LANE LINE, 10' DASH - 30' SKIP (TYP.)
- ④ THERMOPLASTIC PVMT. MARKING LINE 8", SOLID, WHITE - GORE MARKING AND CHANNELIZING LINE (TYP.)
- ⑤ THERMOPLASTIC PVMT. MARKING LINE 6", SKIP-DASH, WHITE, 2' LINE WITH 6' SPACE - TURN LINE MARKING (TYP.)
- ⑥ THERMOPLASTIC PVMT. MARKING LINE 6", SOLID, WHITE - TURN LANE MARKING (TYP.)
- ⑦ THERMOPLASTIC PVMT. MARKING LETTERS & SYMBOLS, SOLID, WHITE - PAVEMENT MARKING (TYP.)
- ⑧ THERMOPLASTIC PVMT. MARKING LINE 4", SOLID, YELLOW (TYP.)
- ⑨ THERMOPLASTIC PVMT. MARKING LINE 6", SOLID, WHITE, 6' LINES C-C - CROSSWALK MARKING (TYP.)
- ⑩ THERMOPLASTIC PVMT. MARKING LINE, DIAGONALS, 12", SOLID, YELLOW - PAINTED MEDIAN MARKING (TYP.)
- ⑪ THERMOPLASTIC PVMT. MARKING LINE 12", SOLID, WHITE - DIAGONALS AT 45 DEG (TYP.)
- ⑫ THERMOPLASTIC PVMT. MARKING LINE 4", SOLID, WHITE - LANE AND EDGE LINE MARKING (TYP.)



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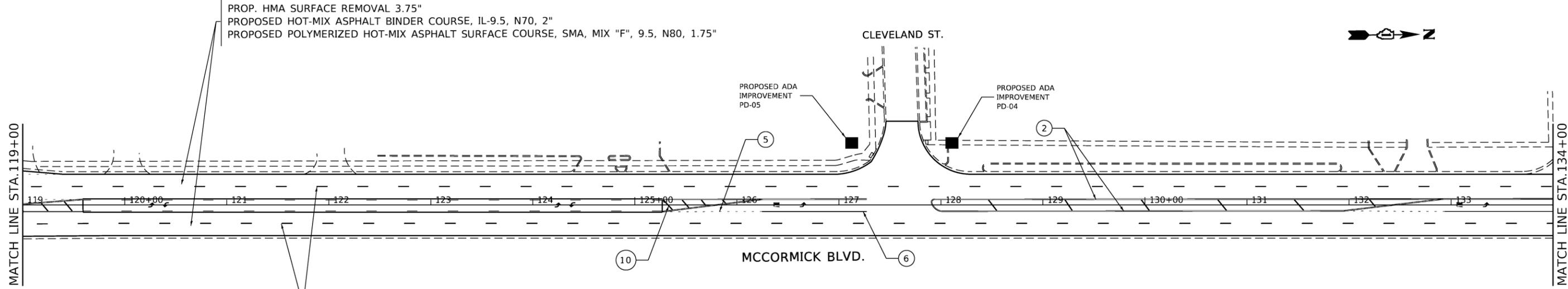
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>ROADWAY PLAN</b>			
<b>MCCORMICK BLVD. (DEMPSTER ST. TO DEVON AVE.)</b>			
SCALE: 1" = 50'	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
378	2019-080-RS&SW	COOK	51	8
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62J44	

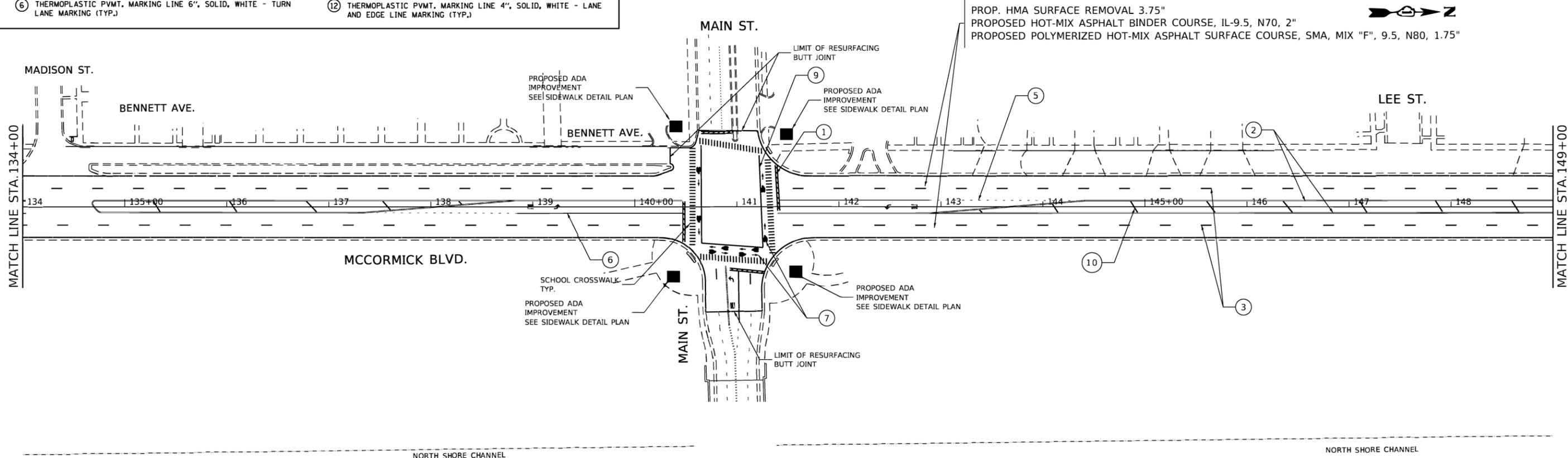






**PROPOSED PAVEMENT MARKINGS LEGEND**

- ① THERMOPLASTIC PVMT. MARKING LINE 24", SOLID, WHITE - STOP LINES (TYP.)
- ② THERMOPLASTIC PVMT. MARKING LINE 4", SOLID, YELLOW, 2 @ 4", 11" C-C - CENTER LINE/PAINTED MEDIAN MARKING (TYP.)
- ③ THERMOPLASTIC PVMT. MARKING LINE 4", SKIP DASH, WHITE LANE LINE, 10' DASH - 30' SKIP (TYP.)
- ④ THERMOPLASTIC PVMT. MARKING LINE 8", SOLID, WHITE - GORE MARKING AND CHANNELIZING LINE (TYP.)
- ⑤ THERMOPLASTIC PVMT. MARKING LINE 6", SKIP-DASH, WHITE, 2' LINE WITH 6' SPACE - TURN LINE MARKING (TYP.)
- ⑥ THERMOPLASTIC PVMT. MARKING LINE 6", SOLID, WHITE - TURN LANE MARKING (TYP.)
- ⑦ THERMOPLASTIC PVMT. MARKING LETTERS & SYMBOLS, SOLID, WHITE - PAVEMENT MARKING (TYP.)
- ⑧ THERMOPLASTIC PVMT. MARKING LINE 4", SOLID, YELLOW (TYP.)
- ⑨ THERMOPLASTIC PVMT. MARKING LINE 6", SOLID, WHITE, 6' LINES C-C - CROSSWALK MARKING (TYP.)
- ⑩ THERMOPLASTIC PVMT. MARKING LINE, DIAGONALS, 12", SOLID, YELLOW - PAINTED MEDIAN MARKING (TYP.)
- ⑪ THERMOPLASTIC PVMT. MARKING LINE 12", SOLID, WHITE - DIAGONALS AT 45 DEG (TYP.)
- ⑫ THERMOPLASTIC PVMT. MARKING LINE 4", SOLID, WHITE - LANE AND EDGE LINE MARKING (TYP.)



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PLOT DATE = 12/12/2019	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN  
MCCORMICK BLVD. (DEMPSTER ST. TO DEVON AVE.)**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
378	2019-080-RS&SW	COOK	51	11
CONTRACT NO. 62J44				
ILLINOIS FED. AID PROJECT				



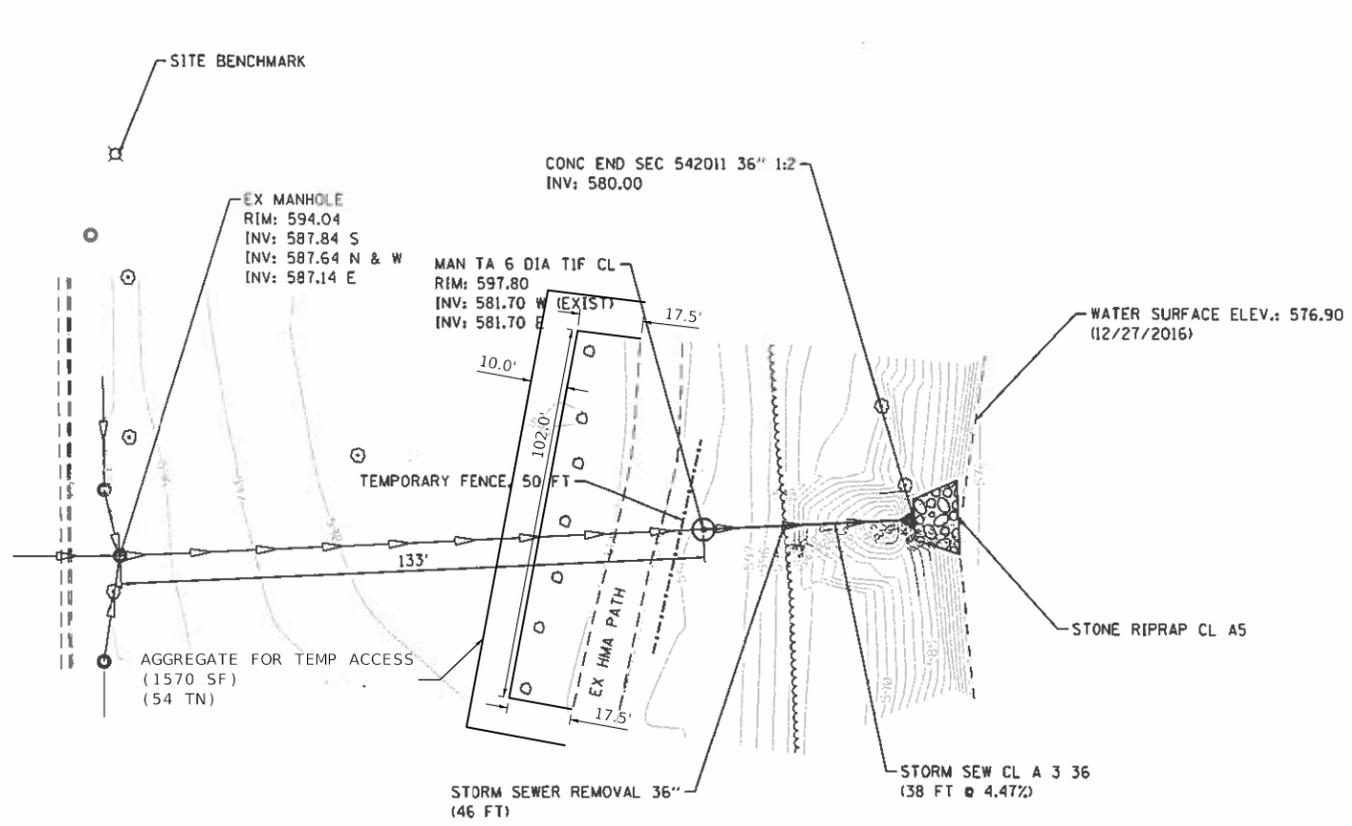




**ALBION AVENUE**

**MCCORMICK BLVD**

110+00



**BENCHMARK:**  
 CHISELED SQUARE ON EAST FACE OF  
 CONCRETE LGHT POLE BASE LOCATED ON  
 EAST SIDE OF MCCORMICK BOULEVARD  
 AND APPROXIMATELY 110 FT NORTH OF  
 ALBION AVENUE  
 ELEV.: 595.64 (NAVD88)

**NOTE:**  
 EXISTING PATH SHALL BE PROTECTED  
 FROM DAMAGE DURING CONSTRUCTION

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PLOT DATE = 12/13/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DRAINAGE PLAN  
 MCCORMICK BLVD.**

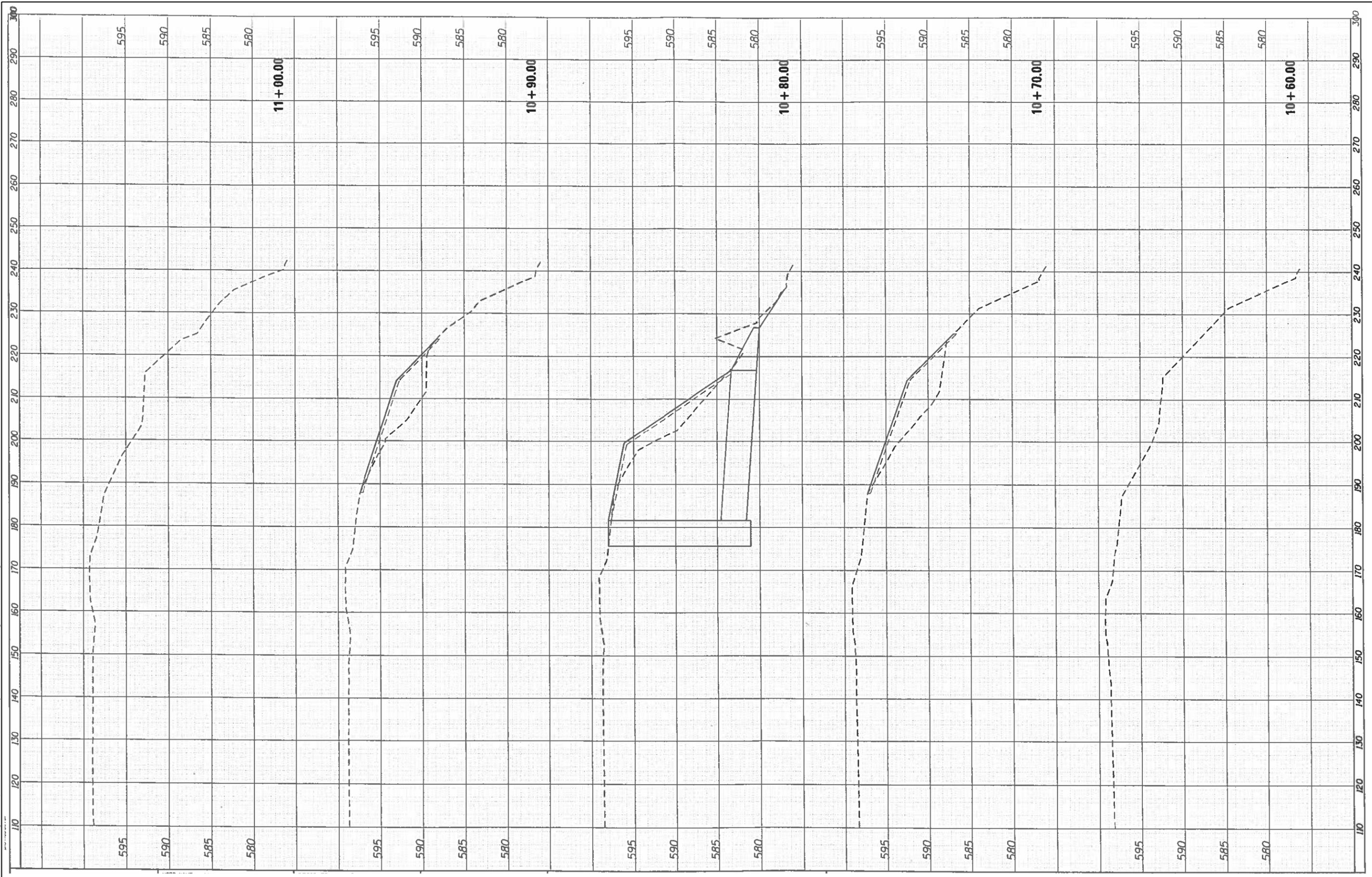
SCALE: 1" = 20'    SHEET    OF    SHEETS    STA.    TO    STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
378	2019-080-RS&SW	COOK	51	14
ILLINOIS			FED. AID PROJECT	

CONTRACT NO. **62J44**



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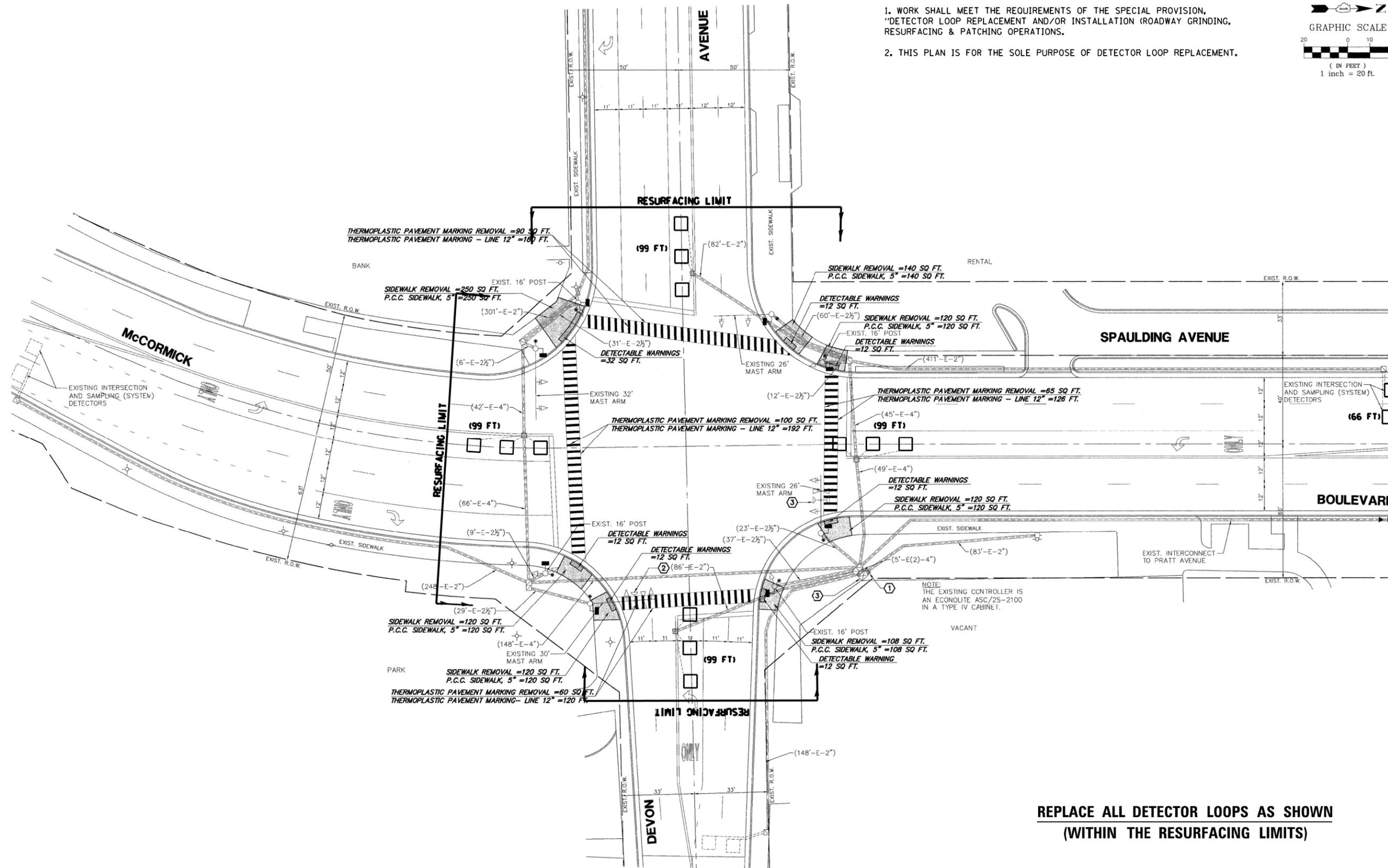
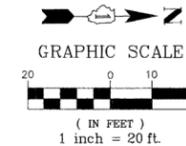
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>CROSS SECTIONS</b>			
<b>MCCORMICK BLVD. (DEMPSTER ST. TO DEVON AVE.)</b>			
SCALE: 1"= 10'	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
378	2019-080-RS&SW	COOK	51	16
CONTRACT NO. 62J44			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.



NOTE:  
THE EXISTING CONTROLLER IS AN ECONOLITE ASC/25-2100 IN A TYPE IV CABINET.

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

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	462	FOOT

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

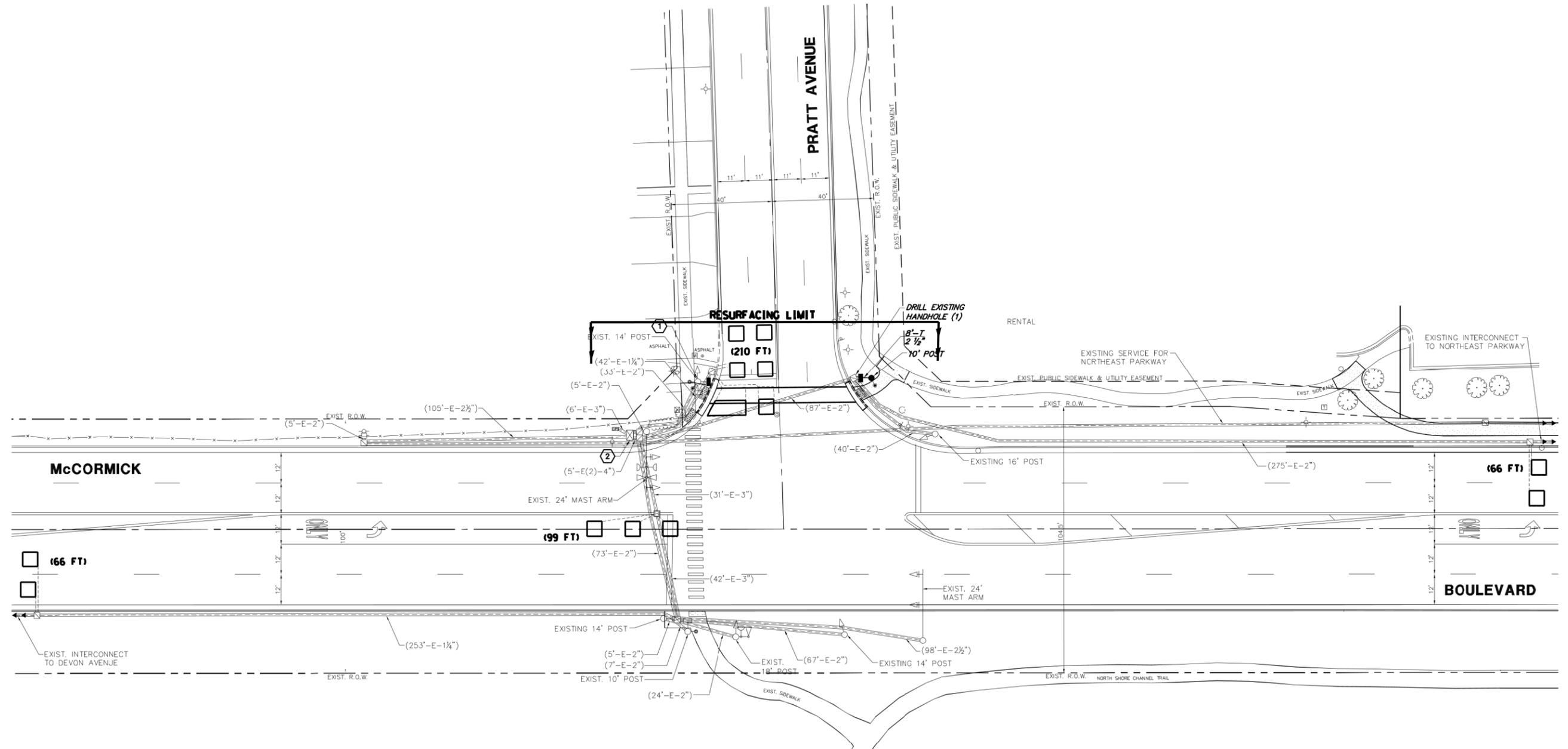
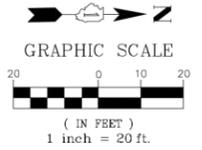
**DETECTOR LOOP REPLACEMENT PLAN  
MCCORMICK BOULEVARD AT DEVON AVENUE**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
378	2019-080-RS&SW	COOK	51	17
			CONTRACT NO. 62J44	
		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	441	FOOT

USER NAME = alawnehab	DESIGNED -	REVISED -
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PLOT DATE = 12/13/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN  
MCCORMICK BOULEVARD AT PRATT AVENUE**

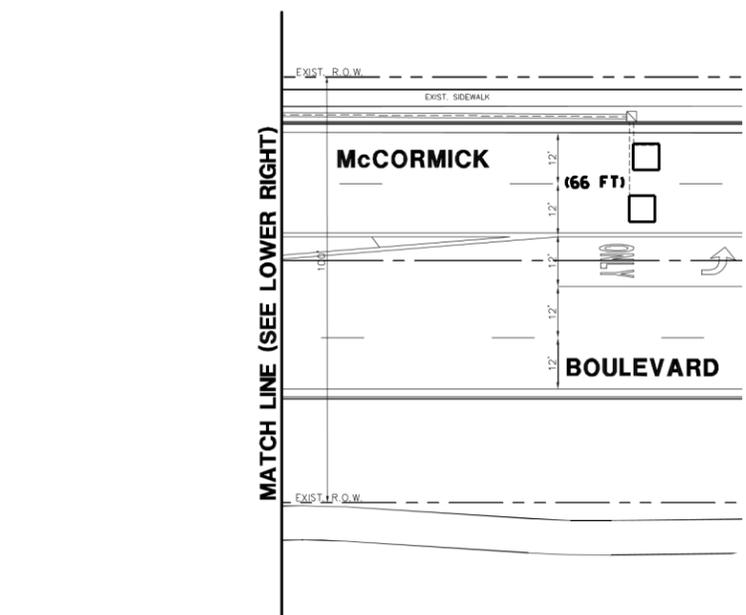
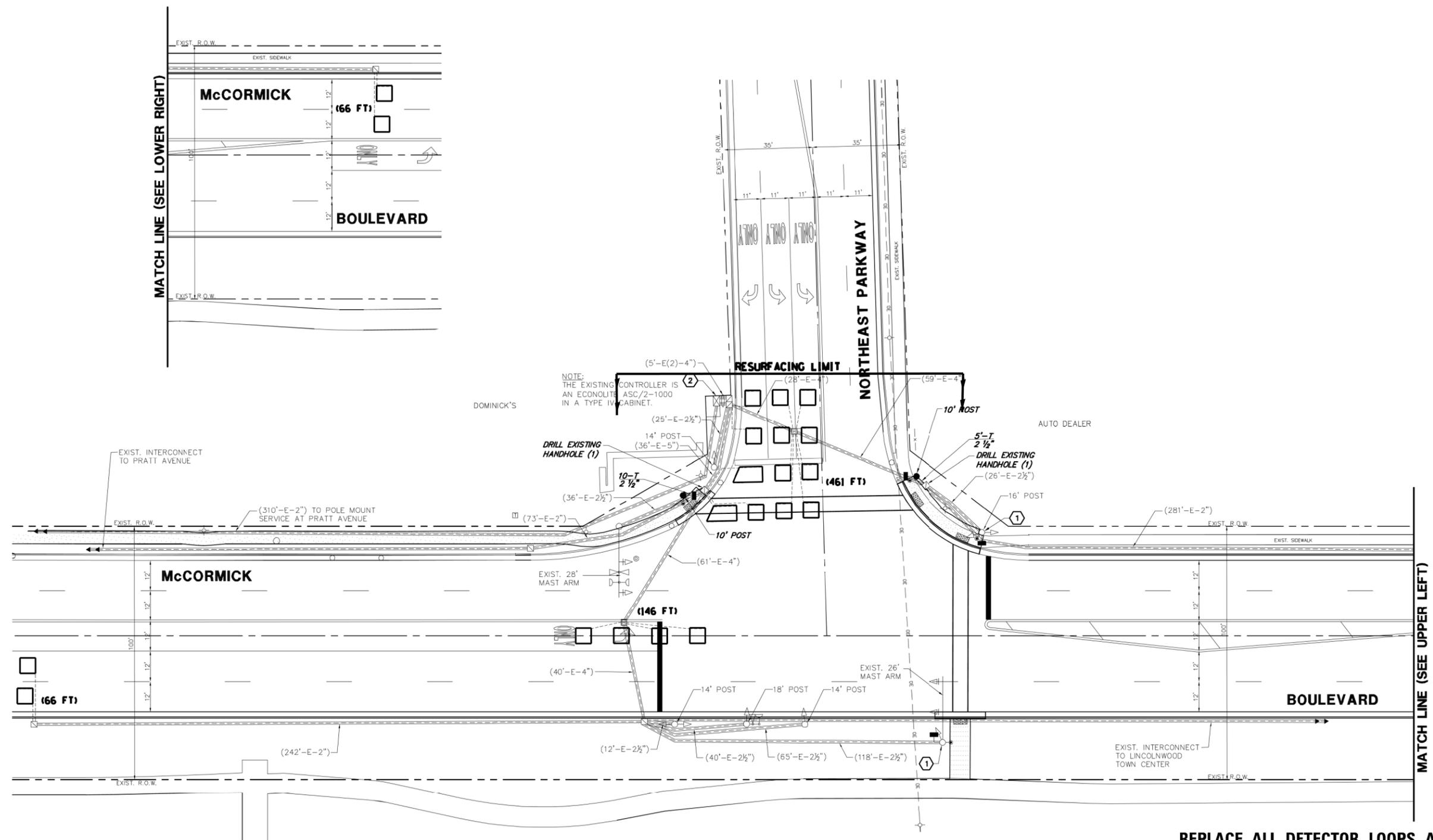
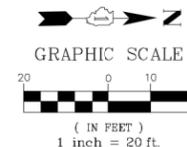
SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 378	SECTION 2019-080-RS&SW	COUNTY COOK	TOTAL SHEETS 51	SHEET NO. 18
			CONTRACT NO. 62J44	
		ILLINOIS FED. AID PROJECT		

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**NOTES:**

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



MATCH LINE (SEE UPPER LEFT)

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

CODE	ITEM	QUANTITY	UNIT
88600600	DETECTOR LOOP REPLACEMENT	739	FOOT

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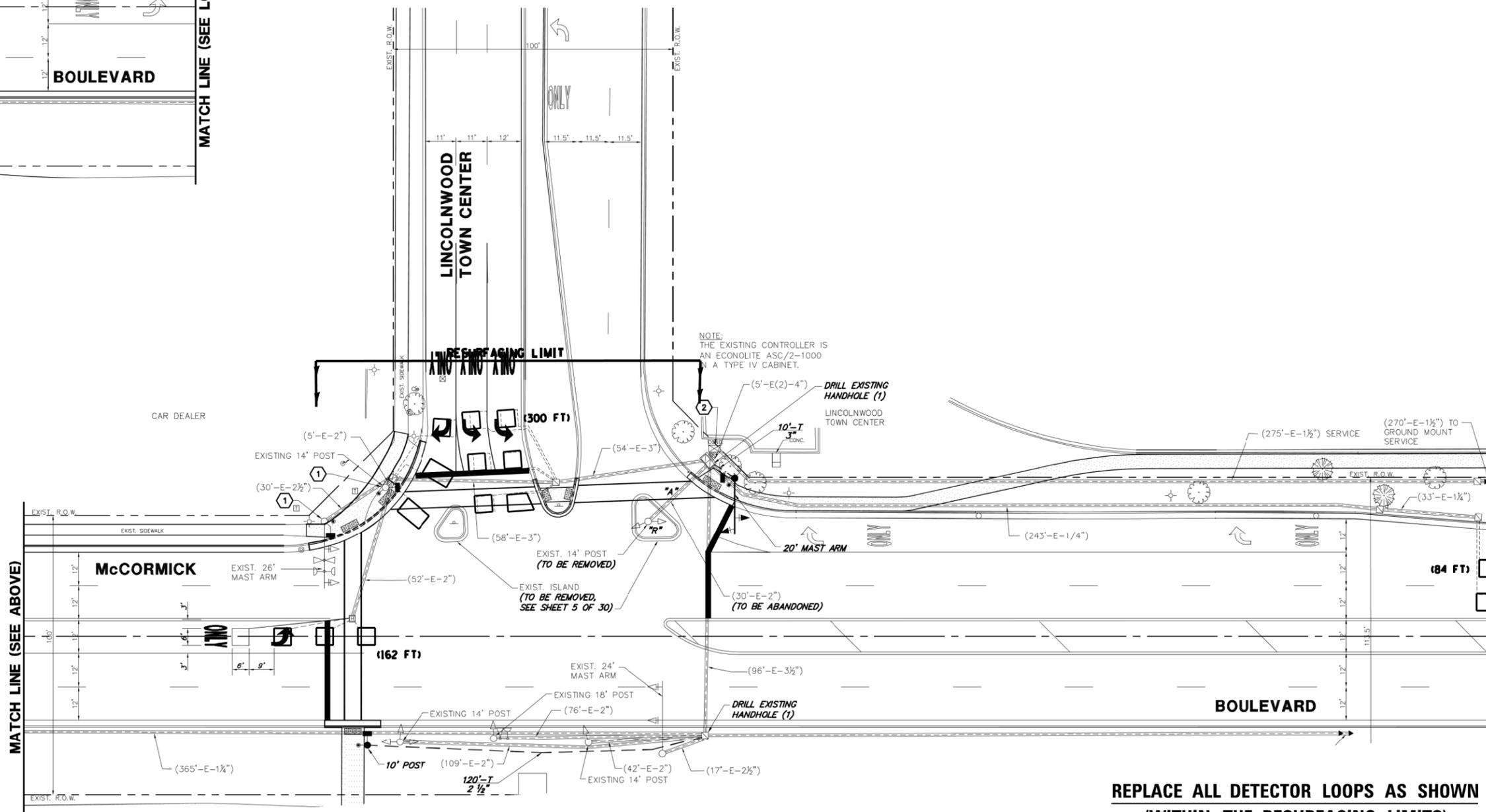
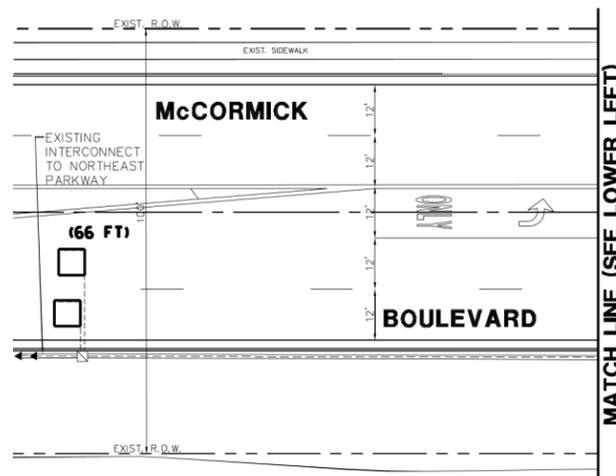
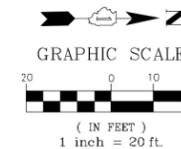
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN  
McCORMICK BOULEVARD AT NORTHEAST PARKWAY**

F.A.P. RTE. 378	SECTION 2019-080-RS&SW	COUNTY COOK	TOTAL SHEETS 51	SHEET NO. 19
SCALE: 1" = 50'			CONTRACT NO. 62J44	
SHEET OF SHEETS STA. TO STA.		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	612	FOOT

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	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN  
McCORMICK BOULEVARD AT LINCOLNWOOD TOWN CENTER**

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

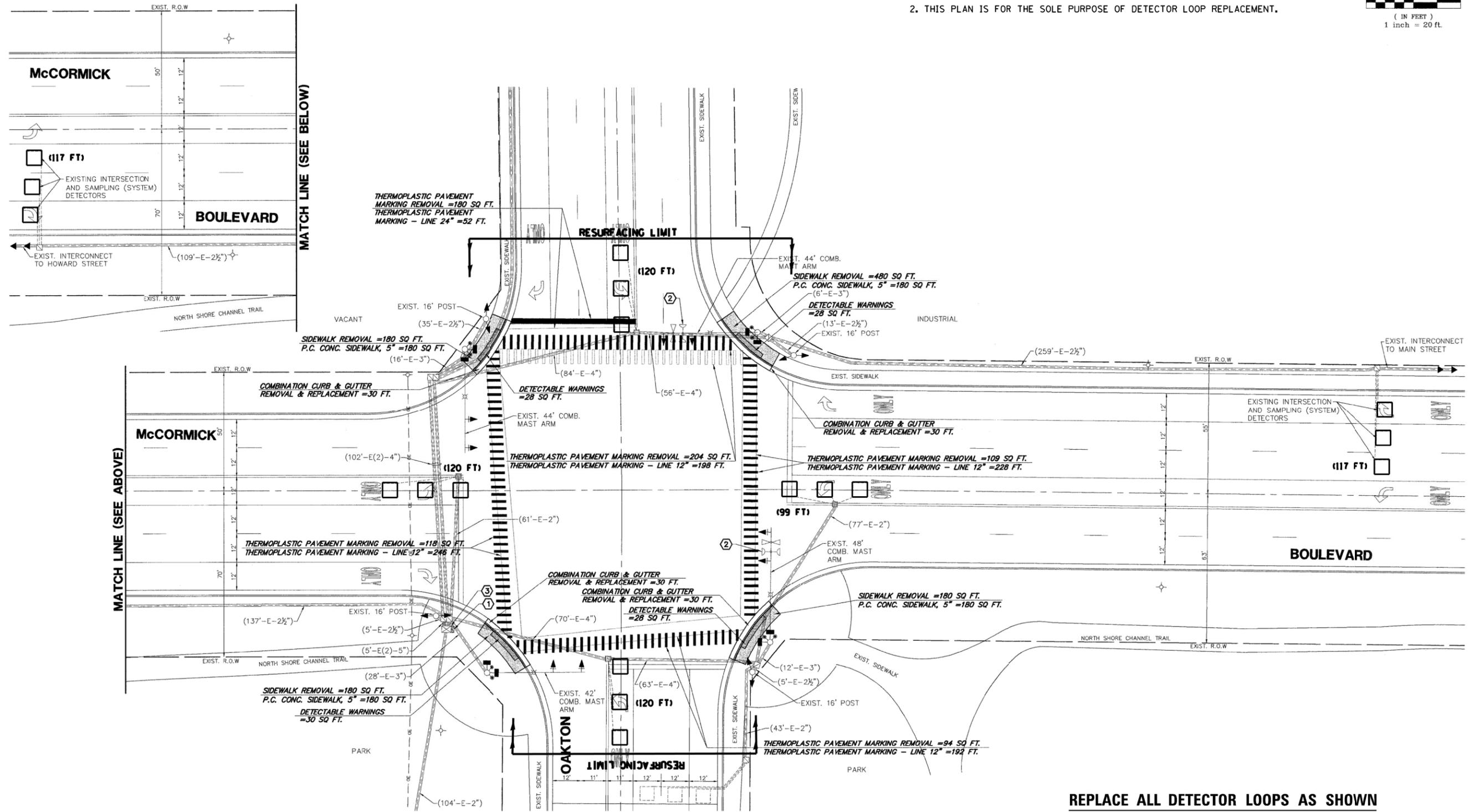
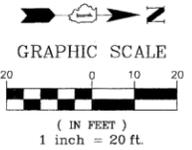
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			CONTRACT NO. 62J44	
		ILLINOIS	FED. AID PROJECT	





**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	714	FOOT

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

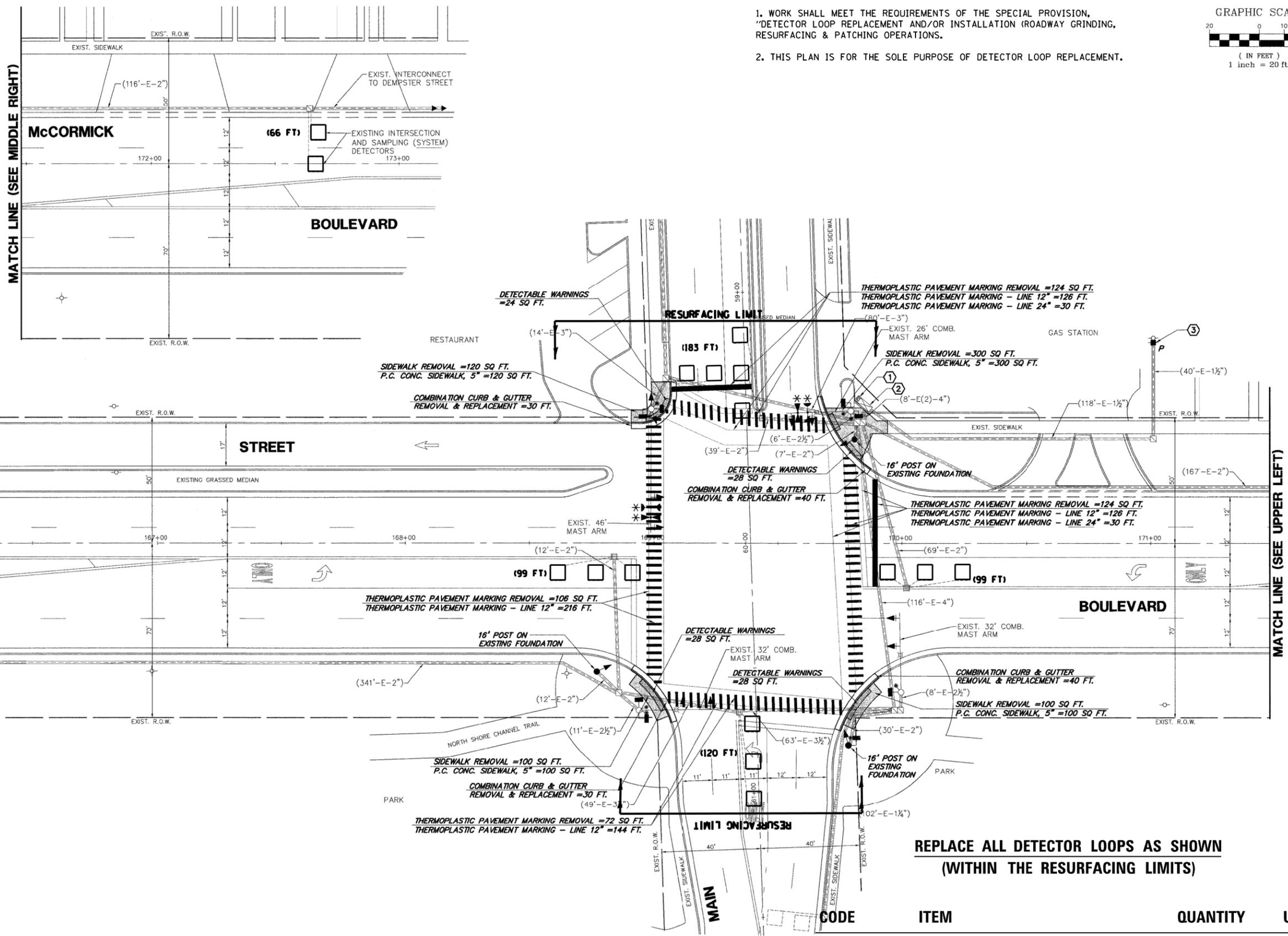
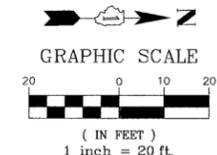
**DETECTOR LOOP REPLACEMENT PLAN  
MCCORMICK BOULEVARD AT OAKTON STREET**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
378	2019-080-RS&SW	COOK	51	23
CONTRACT NO.			62J44	
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	633	FOOT

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	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETECTOR LOOP REPLACEMENT PLAN  
MCCORMICK BOULEVARD AT MAIN STREET**

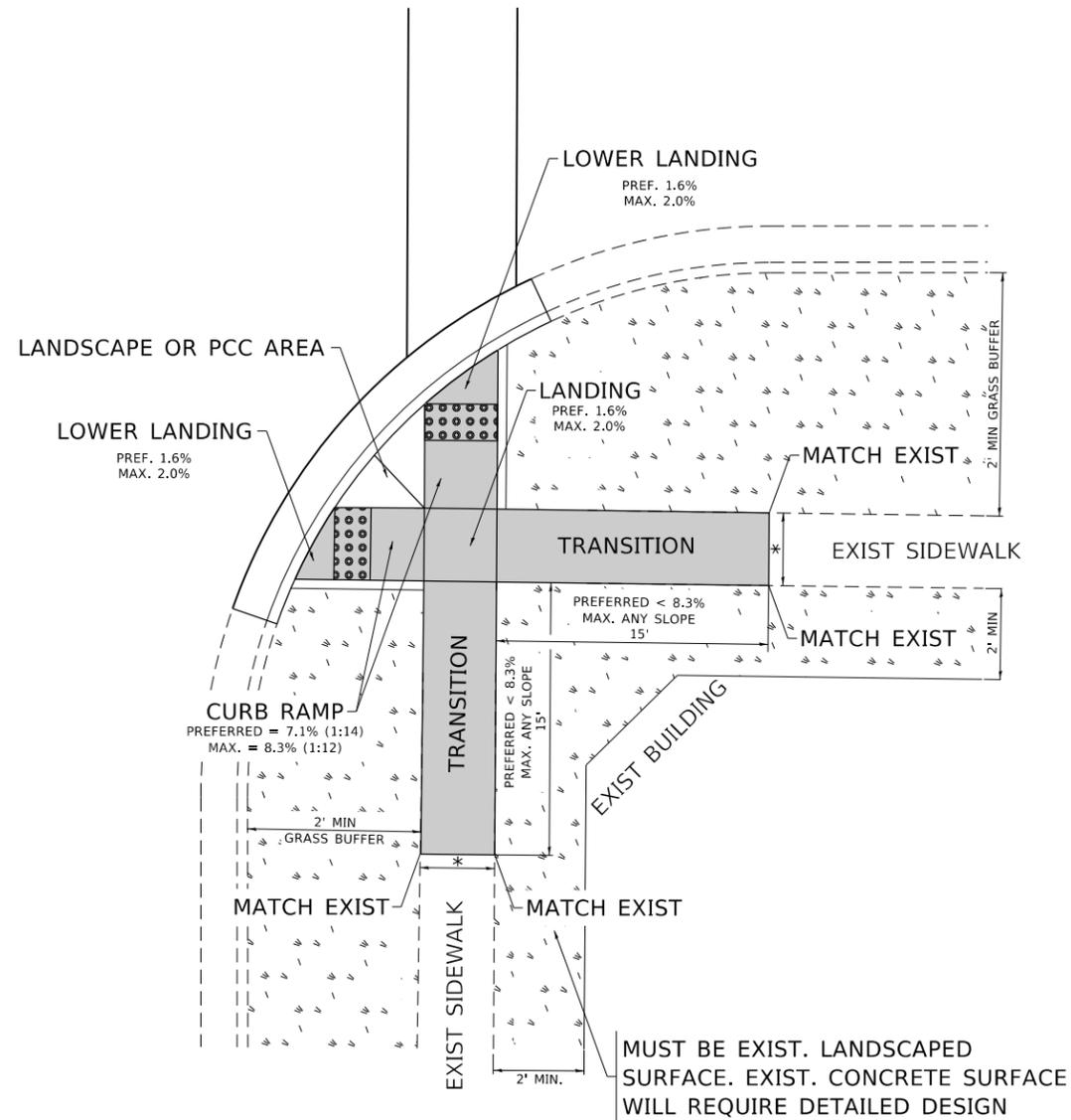
SCALE: 1" = 50' SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
378	2019-080-RS&SW	COOK	51	24
CONTRACT NO. 62J44			ILLINOIS FED. AID PROJECT	

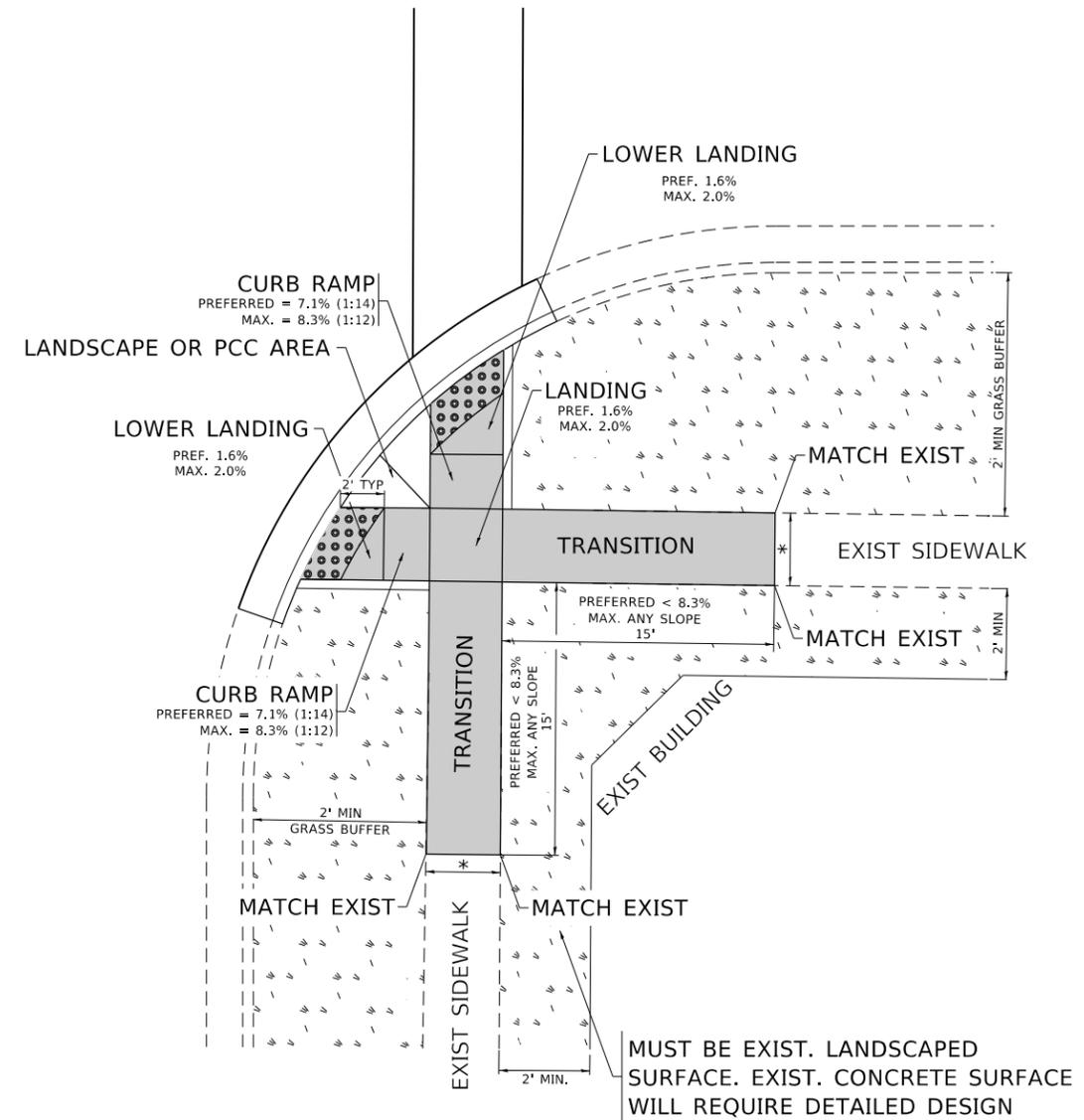
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# ADA DETAIL FOR DOUBLE PERPENDICULAR CURB RAMPS

**PD-03A**



**PD-03B**



**LEGEND**

- EXIST. GRASS
- PROPOSED SIDE CURB
- 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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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

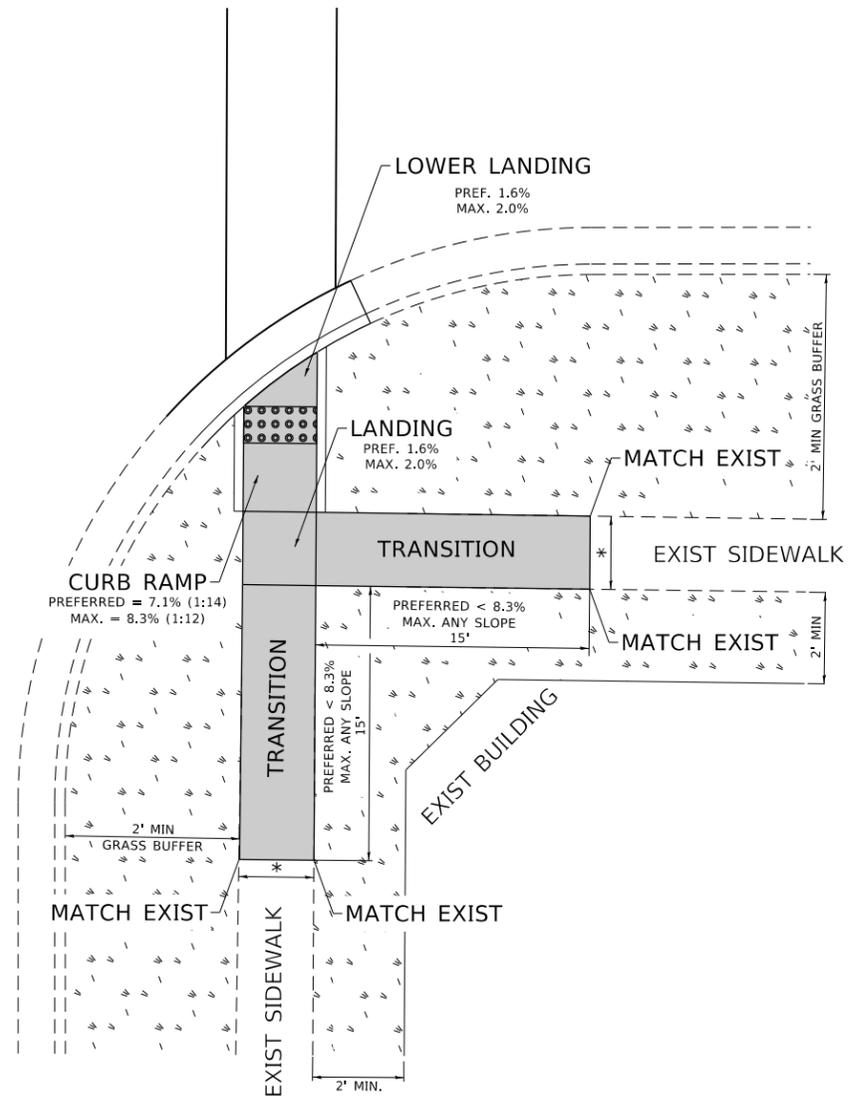
**PROJECT DETAIL FOR DOUBLE PERPENDICULAR CURB RAMPS  
(PD-03)**

SCALE: NONE    SHEET    OF    SHEETS    STA.    TO STA.

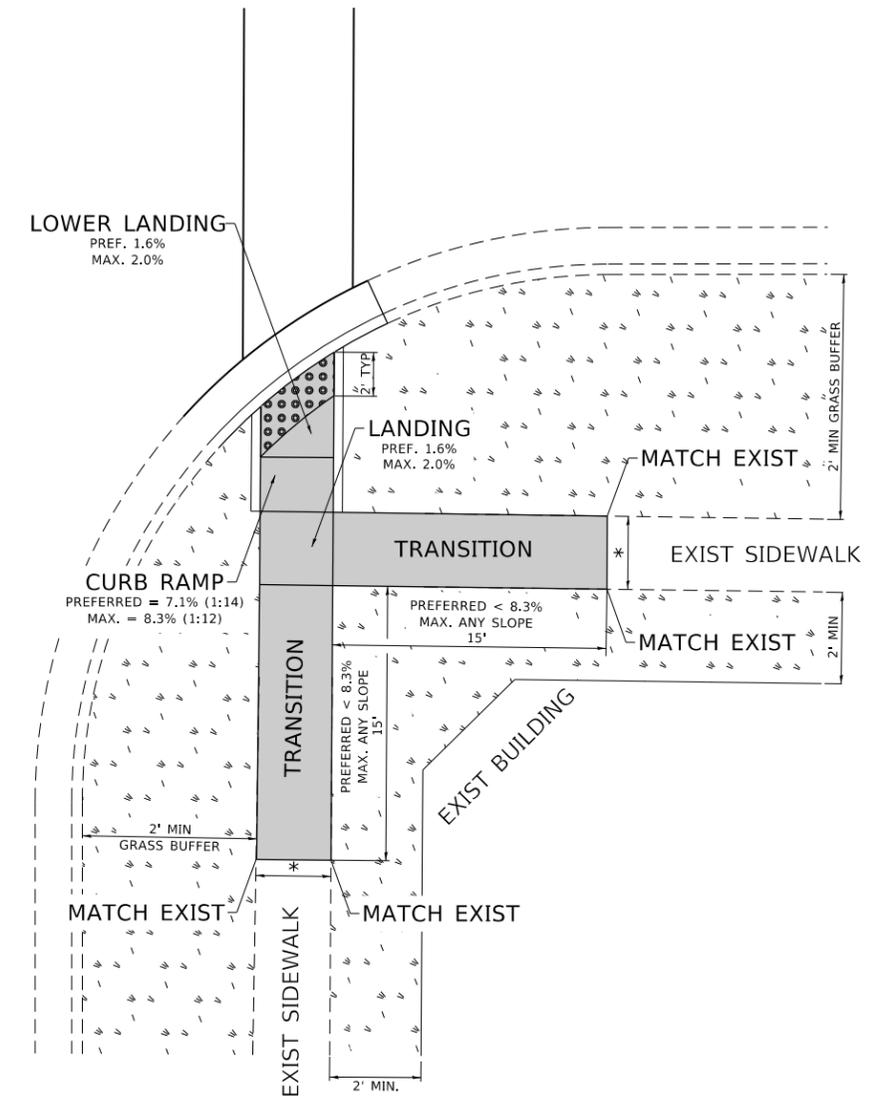
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378	2019-080-RS&SW	COOK	51	25
PD-03		CONTRACT NO. 62J44		
ILLINOIS FED. AID PROJECT				

# ADA DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS W/ TURNING SPACE

**PD-04A**



**PD-04B**



**LEGEND**

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

**CONSTRUCTION NOTES:**

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

MODEL: Default  
FILE: \\harc...  
PROJECT: ...  
DATE: 12/13/2019

USER NAME = alawnehab	DESIGNED -	REVISED -
	DRAWN - R. LEDEZMA	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/13/2019	DATE - 10/02/2019	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

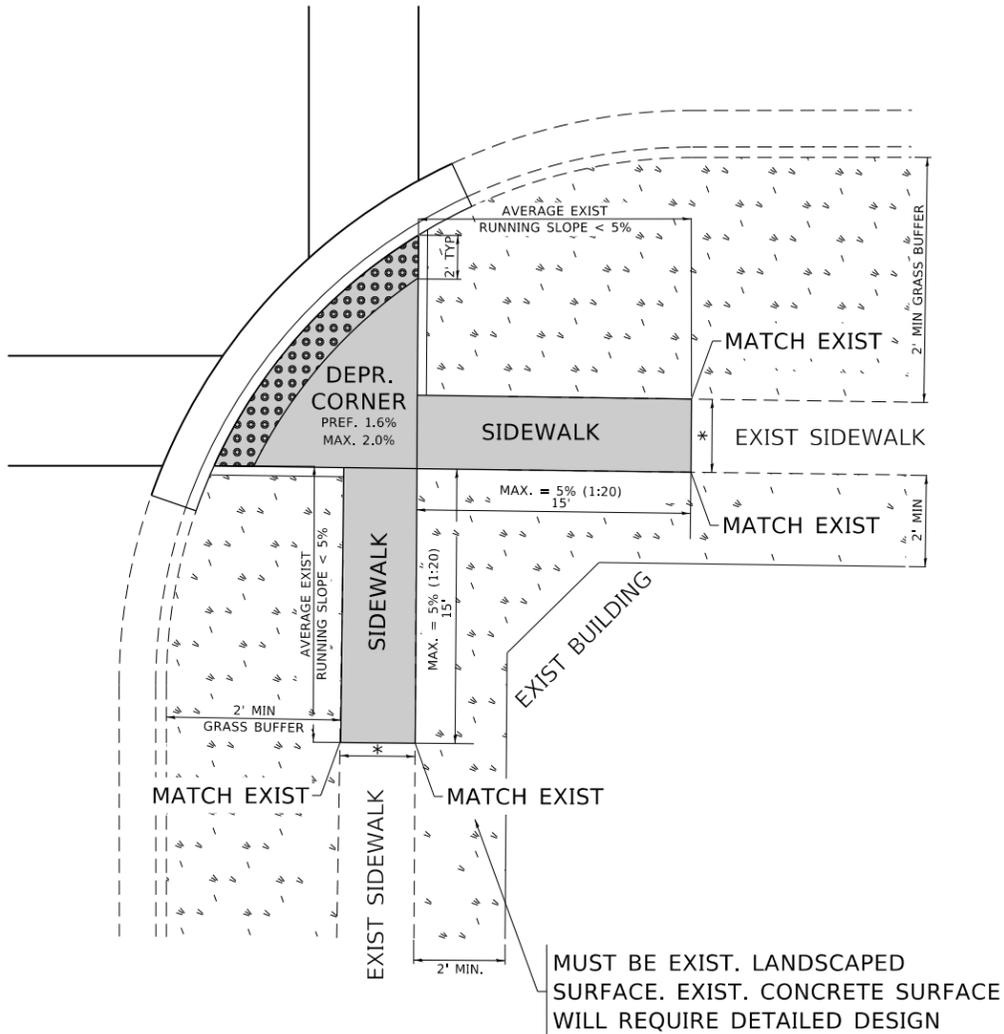
**PROJECT DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS WITH  
TURNING SPACE (PD-04)**

SCALE: NONE    SHEET    OF    SHEETS    STA.    TO    STA.

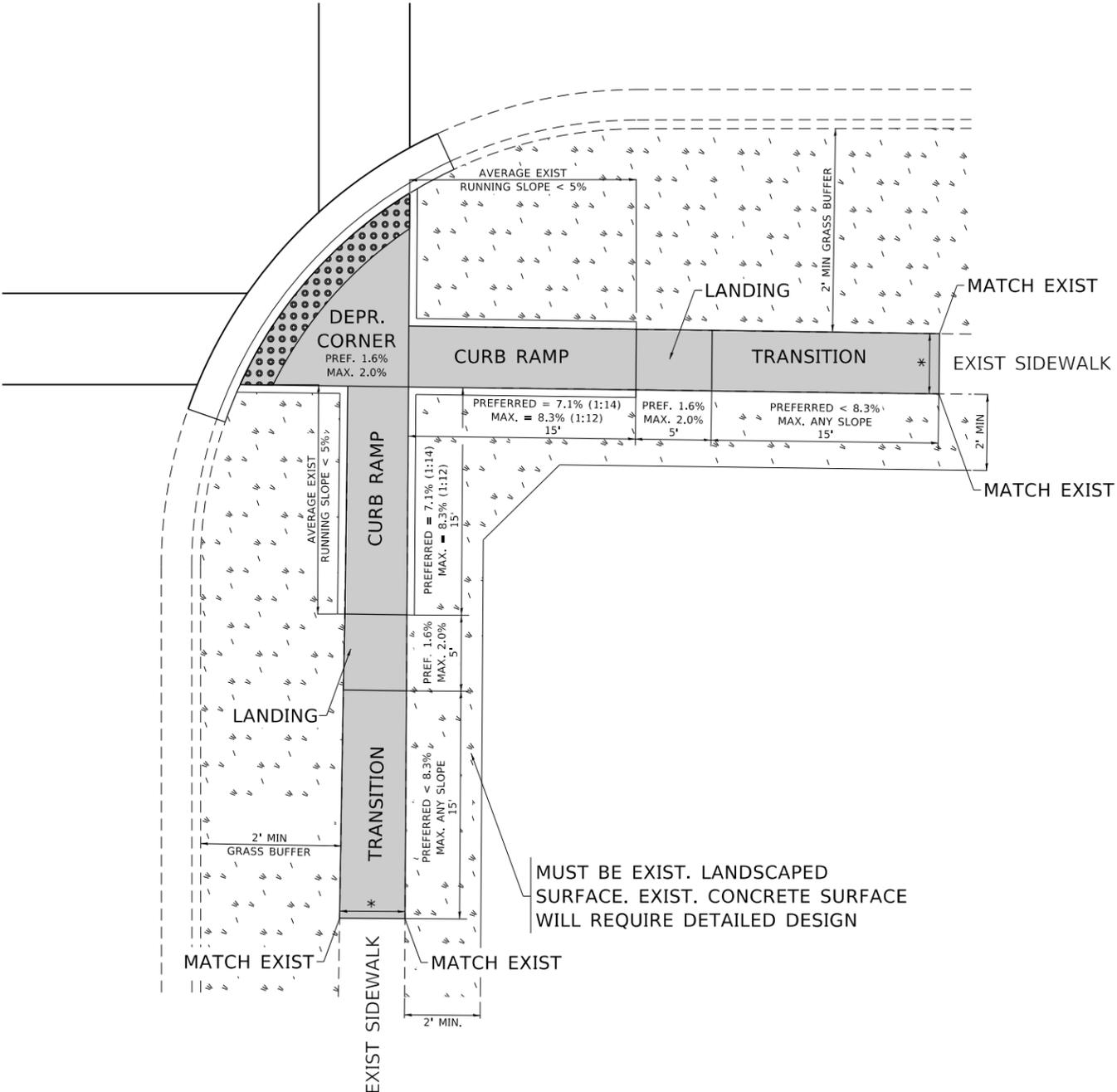
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
378	2019-080-RS&SW	COOK	51	26
PD-04		CONTRACT NO. 62J44		
		ILLINOIS FED. AID PROJECT		

# ADA DETAIL FOR DEPRESSED CORNER CURB RAMPS

**PD-05A**



**PD-05B**



**LEGEND**

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

**CONSTRUCTION NOTES:**

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

MODEL: Default  
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 PROJECT: 2019-080-RS&SW  
 SHEET: 51 OF 27  
 DATE: 12/13/2019

USER NAME = alawnehab	DESIGNED -	REVISED -
DRAWN - R. LEDEZMA	REVISIONS -	REVISIONS -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISIONS -
PLOT DATE = 12/13/2019	DATE - 10/02/2019	REVISIONS -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

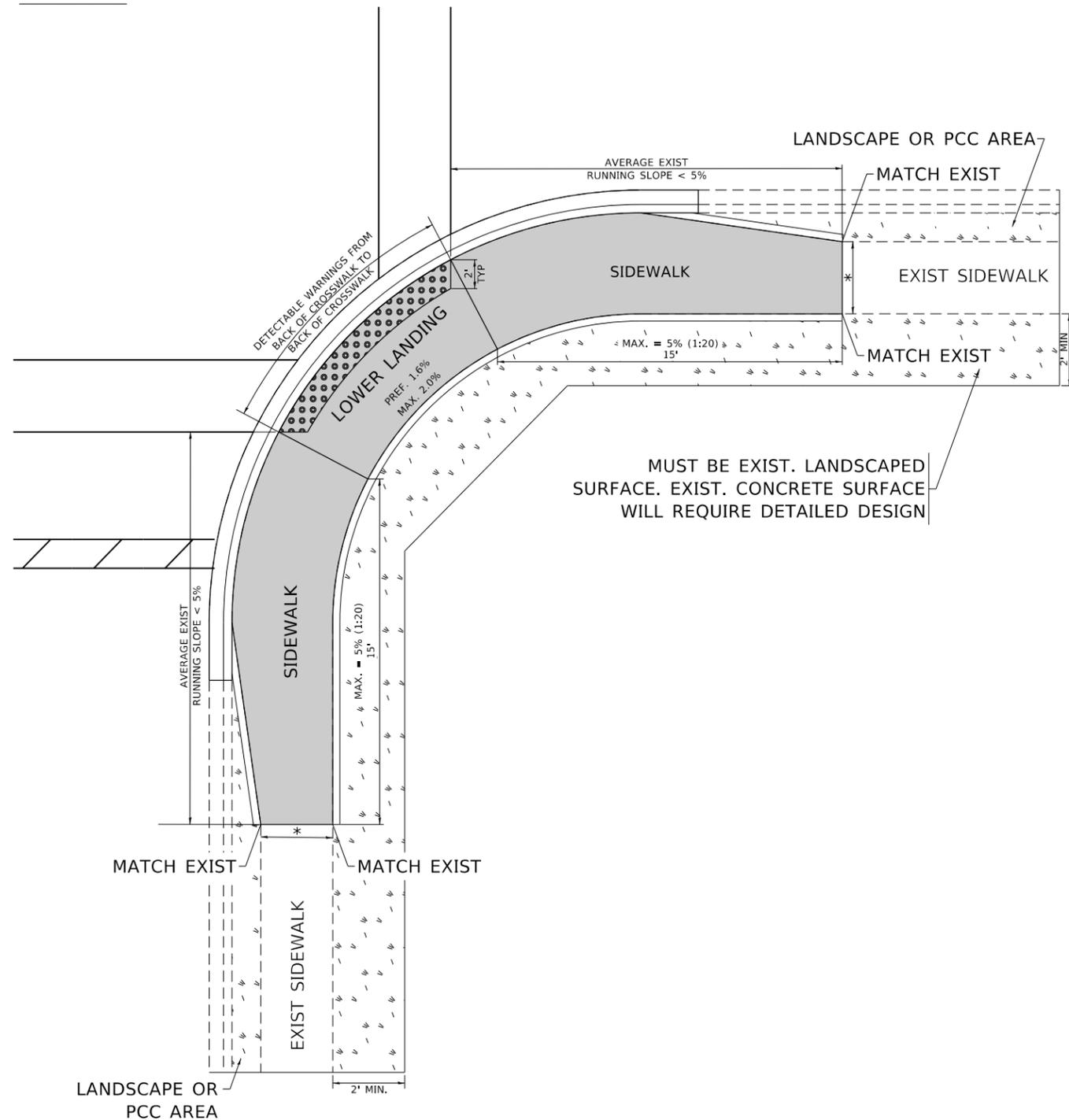
**PROJECT DETAIL FOR DEPRESSED CORNER CURB RAMPS  
(PD-05)**

SCALE: NONE    SHEET    OF    SHEETS    STA.    TO STA.

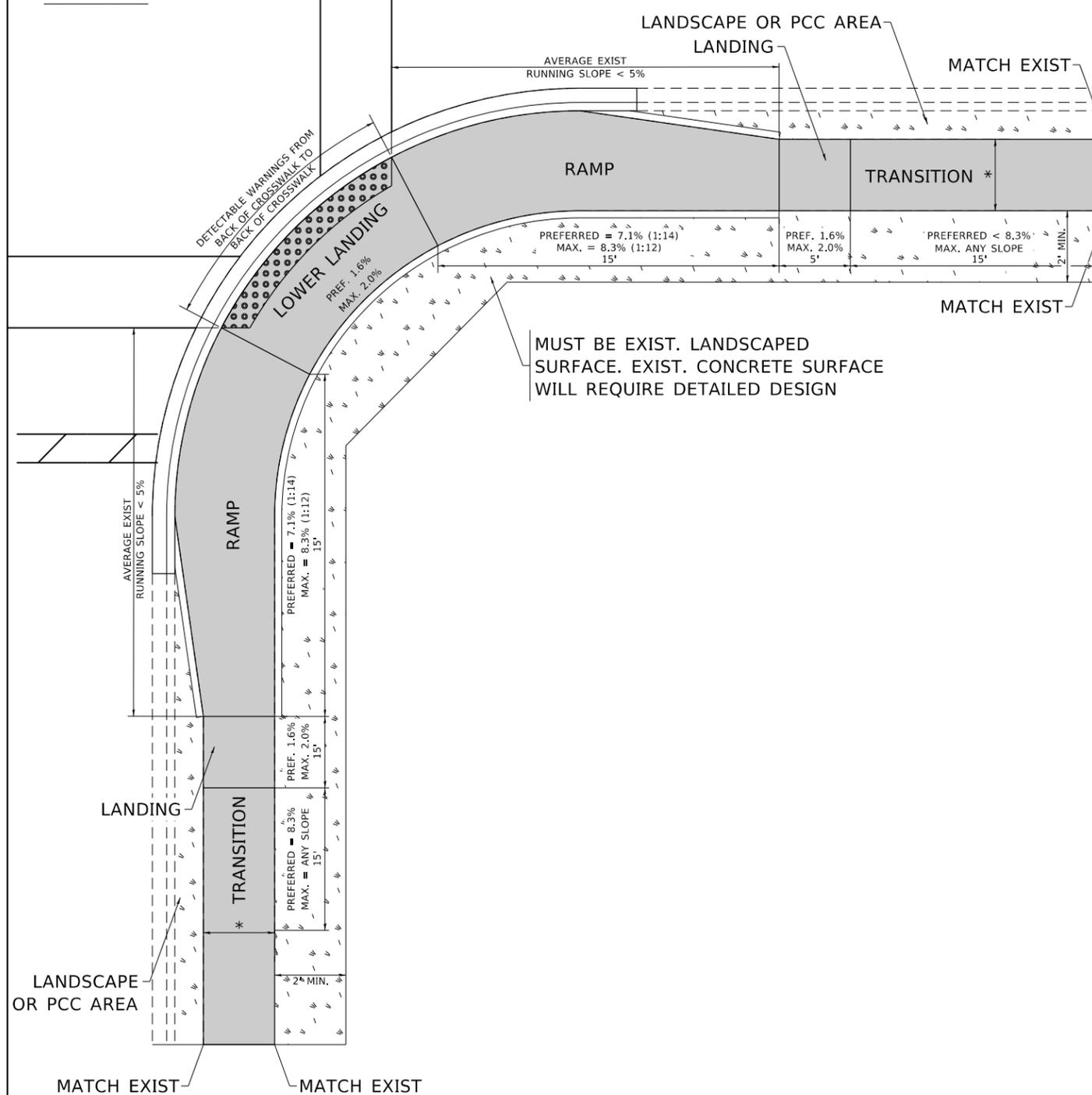
F.A.P. RTE. 378	SECTION 2019-080-RS&SW	COUNTY COOK	TOTAL SHEETS 51	SHEET NO. 27
PD-05		CONTRACT NO. 62J44		
ILLINOIS FED. AID PROJECT				

# ADA DETAIL FOR PARALLEL CURB RAMPS ADJACENT TO LANDSCAPING

**PD-06A**



**PD-06B**



**LEGEND**

-  EXIST. GRASS
-  PROPOSED SIDE CURB
-  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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PROJECT: 2019-080-RS&SW  
DATE: 12/13/2019  
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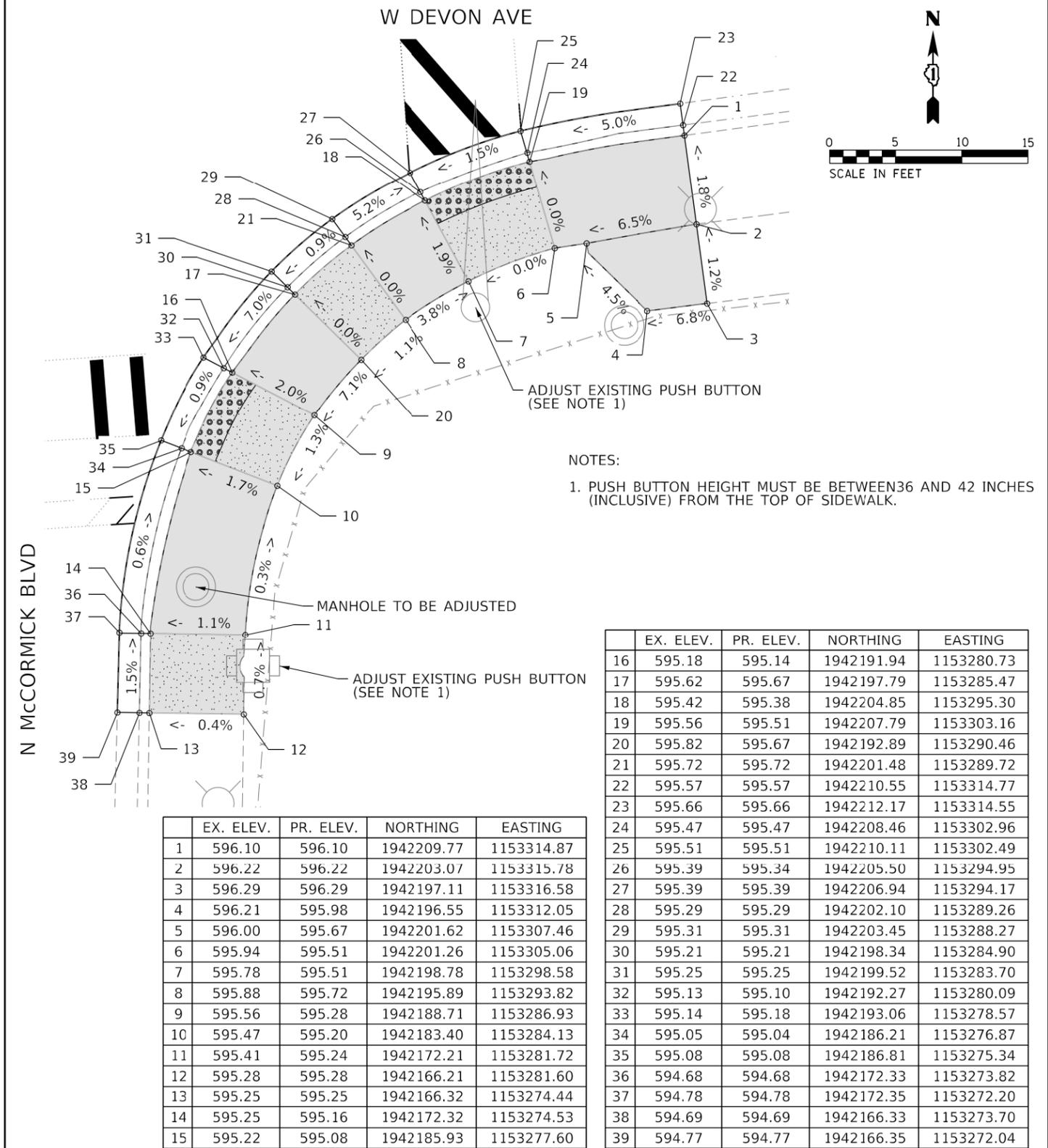
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROJECT DETAIL FOR PARALLEL CURB RAMPS  
(PD-06)**

SCALE: NONE    SHEET    OF    SHEETS    STA.    TO    STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
378	2019-080-RS&SW	COOK	51	28
PD-06		CONTRACT NO. 62J44		
ILLINOIS		FED. AID PROJECT		

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NOTES:  
 1. PUSH BUTTON HEIGHT MUST BE BETWEEN 36 AND 42 INCHES (INCLUSIVE) FROM THE TOP OF SIDEWALK.

	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
1	596.10	596.10	1942209.77	1153314.87
2	596.22	596.22	1942203.07	1153315.78
3	596.29	596.29	1942197.11	1153316.58
4	596.21	595.98	1942196.55	1153312.05
5	596.00	595.67	1942201.62	1153307.46
6	595.94	595.51	1942201.26	1153305.06
7	595.78	595.51	1942198.78	1153298.58
8	595.88	595.72	1942195.89	1153293.82
9	595.56	595.28	1942188.71	1153286.93
10	595.47	595.20	1942183.40	1153284.13
11	595.41	595.24	1942172.21	1153281.72
12	595.28	595.28	1942166.21	1153281.60
13	595.25	595.25	1942166.32	1153274.44
14	595.25	595.16	1942172.32	1153274.53
15	595.22	595.08	1942185.93	1153277.60

**LEGEND**

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

CONTROL POINT: CP#1  
 ELEVATION: 595.88  
 NORTHING: 1942281.80  
 EASTING: 1153296.10  
 DESCRIPTION: PK ON BIKE PATH EDGE AT NE CORNER OF MCCORMICK & DEVON

MODEL: Default  
 FILE: \\blm\c:\pub\baron\m\dat\illinois\pwr\WIDOT\Documents\DOT\_Offices\Illinet\1\Projects\119919\CADD\Drawings\119919\_sht-draw.dgn

CONTROL POINT:	USER NAME = alawnehab	DESIGNED -	REVISED -
ELEVATION:		DRAWN - R. LEDEZMA	REVISED -
NORTHING:		CHECKED -	REVISED -
EASTING:		DATE - 10/02/2019	REVISED -
DESCRIPTION:			

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

**SIDEWALK RAMP DETAIL**  
 MCCORMICK BLVD. FROM DEMPSTER ST TO DEVON AVE.

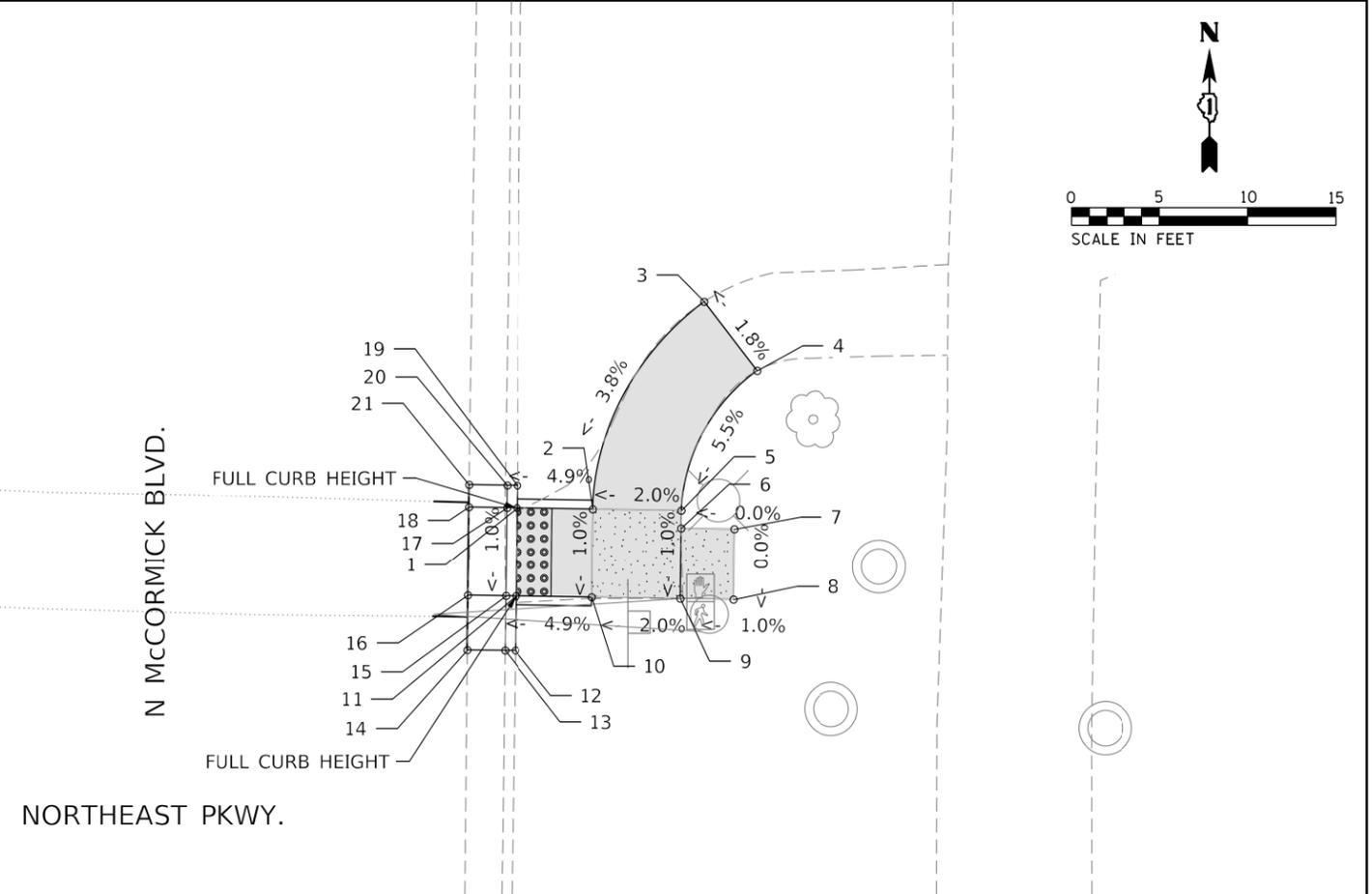
SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
378	2019-080-RS&SW	COOK	51	29
CONTRACT NO. 62J44				
ILLINOIS FED. AID PROJECT				





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NORTHEAST PKWY.

	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
1	595.63	595.66	1945564.98	1153260.76
2	595.94	595.94	1945564.91	1153265.06
3	596.37	596.37	1945576.58	1153271.34
4	596.46	596.46	1945572.70	1153274.33
5	596.13	596.13	1945564.83	1153270.06
6	596.11	596.11	1945563.83	1153270.05
7	596.24	596.24	1945563.79	1153273.05
8	596.46	596.46	1945559.79	1153273.00
9	596.03	596.03	1945559.83	1153270.00
10	595.84	595.84	1945559.91	1153265.00
11	595.62	595.61	1945559.98	1153260.70
12	595.94	595.94	1945556.92	1153260.66
13	595.54	595.54	1945556.92	1153260.08
14	595.60	595.60	1945556.94	1153257.91
15	595.54	595.57	1945559.99	1153260.12
16	595.60	595.62	1945560.03	1153257.95
17	595.56	595.62	1945564.99	1153260.18
18	595.58	595.64	1945565.03	1153258.01
19	595.85	595.85	1945566.24	1153260.78
20	595.60	595.60	1945566.25	1153260.20
21	595.59	595.59	1945566.29	1153258.03

CONTROL POINT:  
ELEVATION:  
NORTHING:  
EASTING:  
DESCRIPTION:

**LEGEND**

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

CONTROL POINT: CP#5  
ELEVATION: 595.94  
NORTHING: 1945604.72  
EASTING: 1153226.35  
DESCRIPTION: PK IN STRIPED MEDIAN AT NORTH LEG OF MCCORMICK & NORTHEAST PKWY

MODEL: Default  
FILE: \\blm1c:\pub\lhamrison.dwg  
PROJECT: \\blm1c:\pub\lhamrison.dwg  
DATE: 12/13/2019

USER NAME = alawnehab	DESIGNED -	REVISED -
	DRAWN - R. LEDEZMA	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/13/2019	DATE - 10/02/2019	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SIDEWALK RAMP DETAIL**  
**MCCORMICK BLVD. FROM DEMPSTER ST TO DEVON AVE.**  
SCALE: NONE SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
378	2019-080-RS&SW	COOK	51	32
CONTRACT NO. 62J44				
ILLINOIS FED. AID PROJECT				



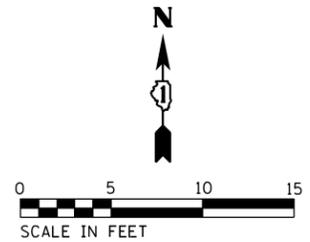
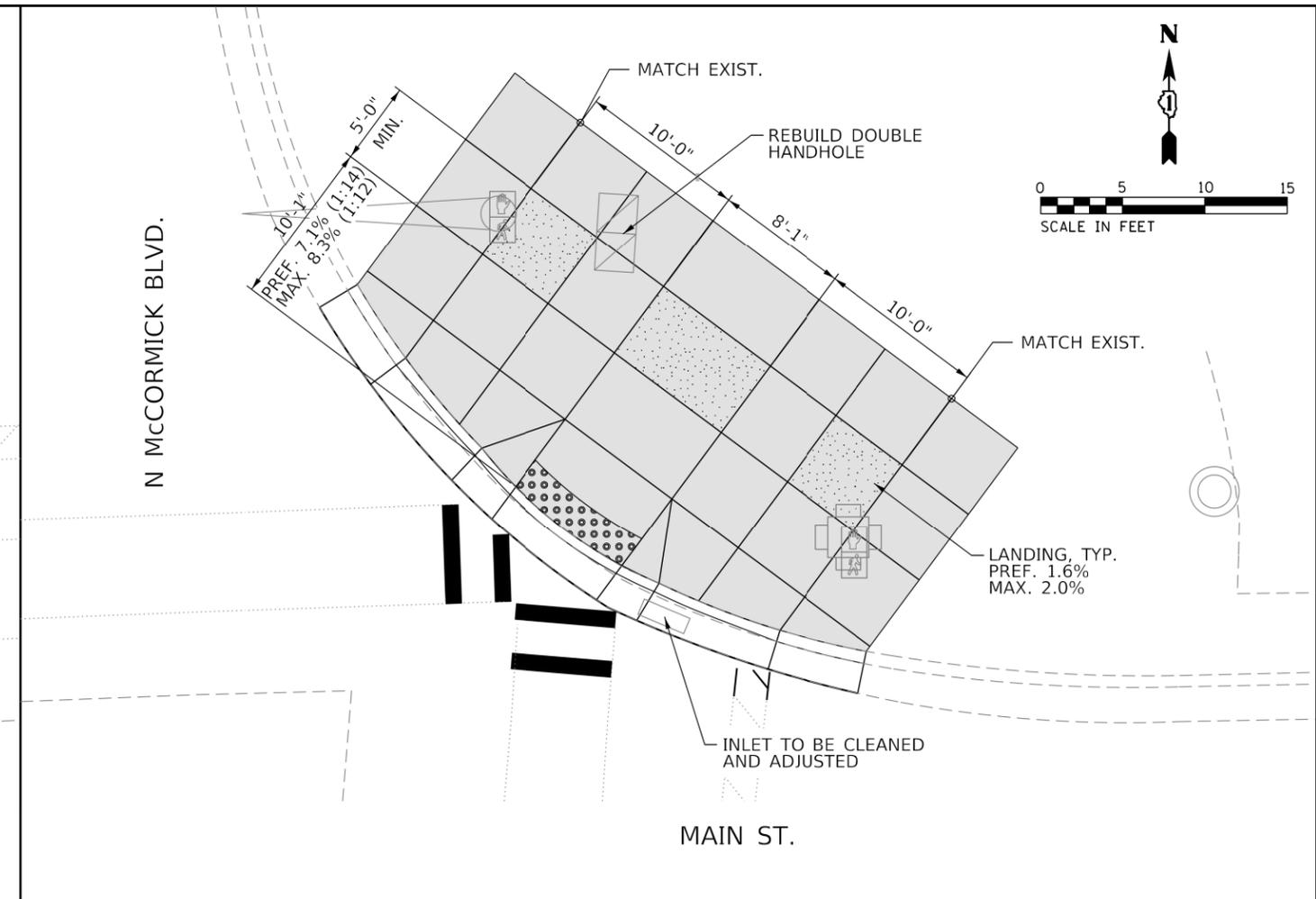
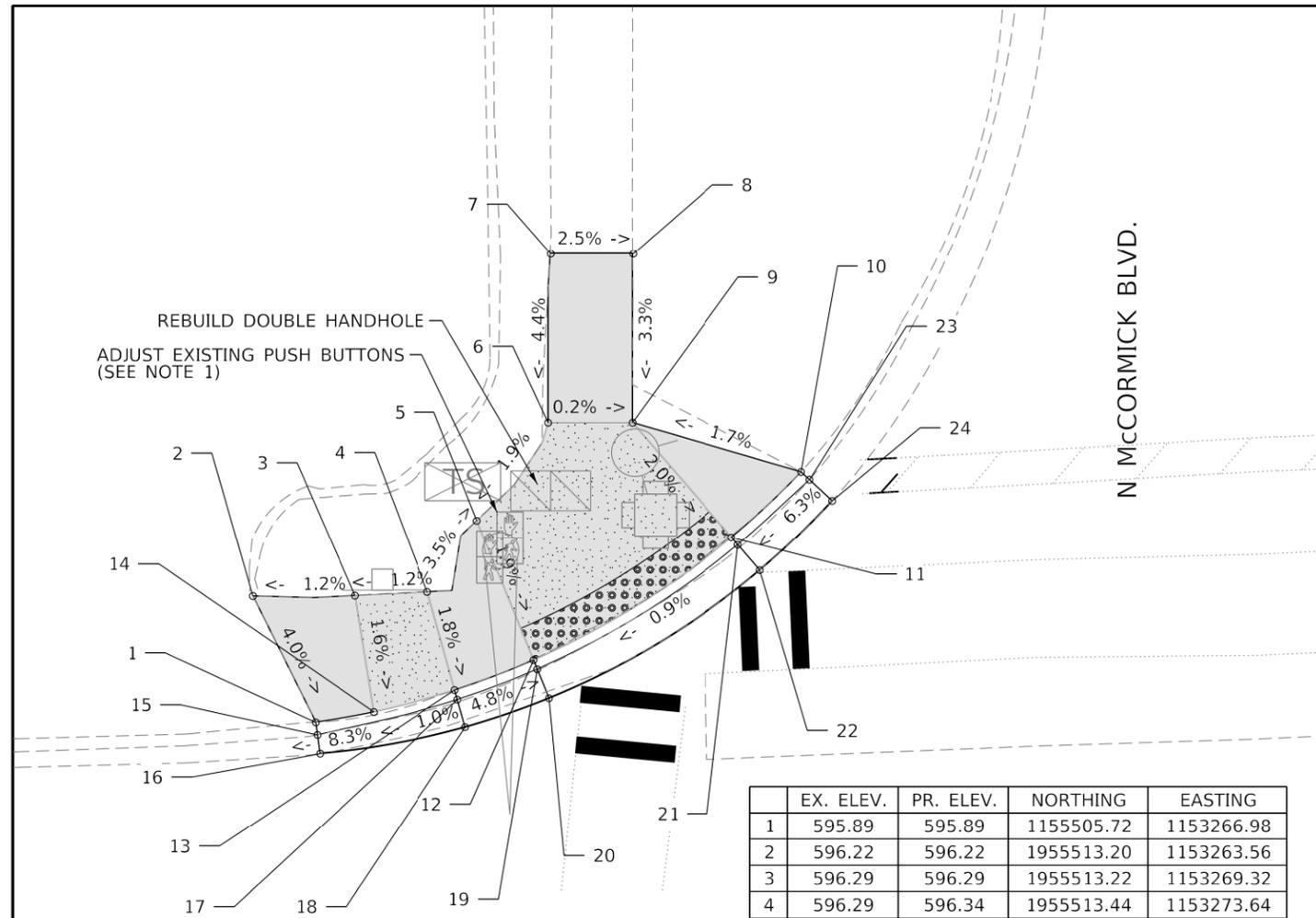












	EX. ELEV.	PR. ELEV.	NORTHING	EASTING
1	595.89	595.89	1155505.72	1153266.98
2	596.22	596.22	1955513.20	1153263.56
3	596.29	596.29	1955513.22	1153269.32
4	596.29	596.34	1955513.44	1153273.64
5	596.43	596.16	1955517.68	1153276.58
6	596.55	596.30	1955523.49	1153280.81
7	596.74	596.74	1955533.50	1153280.93
8	596.62	596.62	1955533.50	1153285.82
9	596.56	596.29	1955523.48	1153285.81
10	596.47	596.47	1955520.57	1153295.86
11	596.18	596.11	1955516.69	1153291.70
12	596.16	595.99	1955509.41	1153279.94
13	596.20	596.23	1955507.63	1153275.27
14	596.16	596.18	1955506.34	1153292.65
15	595.89	595.89	1955504.98	1153267.09
16	595.73	595.73	1955503.88	1153267.24
17	595.96	595.96	1955507.07	1153275.43
18	595.90	595.90	1955505.45	1153275.88
19	595.94	595.95	1955508.87	1153280.16
20	595.99	595.99	1955507.15	1153280.86
21	596.04	596.07	1955516.24	1153292.08
22	596.11	596.11	1955514.72	1153293.40
23	596.00	596.00	1955520.11	1153296.35
24	596.08	596.08	1955518.86	1153297.70

NOTES:  
 1. PUSH BUTTON HEIGHT MUST BE BETWEEN 36 AND 42 INCHES (INCLUSIVE) FROM THE TOP OF SIDEWALK.

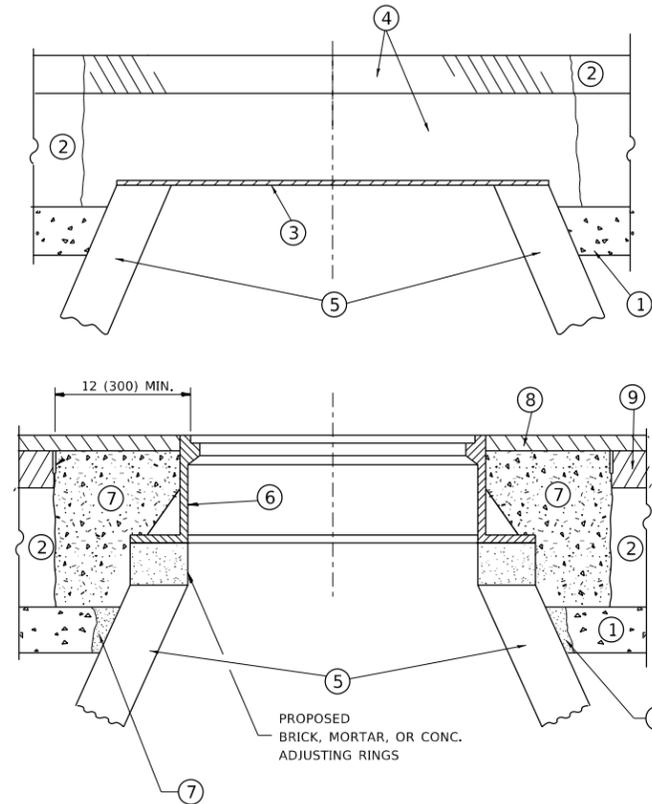
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CONTROL POINT: CP18  
 ELEVATION: 597.27  
 NORTHING: 1955550.29  
 EASTING: 1153397.28  
 DESCRIPTION: CUT CROSS IN SIDEWALK ON NORTHEAST CORNER OR MCCORMICK AND MAIN ST

**LEGEND**

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

CONTROL POINT: CP18  
 ELEVATION: 597.27  
 NORTHING: 1955550.29  
 EASTING: 1153397.28  
 DESCRIPTION: CUT CROSS IN SIDEWALK ON NORTHEAST CORNER OR MCCORMICK AND MAIN ST



**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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USER NAME = alawnehab	DESIGNED - R. SHAH	REVISED - R. WEDEMAN 05-14-04
	DRAWN -	REVISED - R. BORO 01-01-07
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - R. BORO 03-09-11
PLOT DATE = 12/13/2019	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.
378	2019-080-R5&SW	COOK	51	40
<b>BD600-03 (BD-8)</b>		CONTRACT NO. 62J44		
ILLINOIS		FED. AID PROJECT		



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

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

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

SEE STATE STANDARD 606001

18" (450) MAX.

EXISTING OR PROPOSED HMA SURFACE (IF APPLICABLE)

¼" (5) \*\*

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

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

EXISTING CONCRETE PAVEMENT, CONCRETE BASE COURSE OR FLEXIBLE PAVEMENT

3" (75) MIN.

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

\* 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.

PROPOSED ¾" (20) PREFORMED EXPANSION JOINT AT CONCRETE SIDEWALKS, DRIVEWAYS, AND MEDIANS. (INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.)

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

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

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

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

**NOTE:**

- SIDEWALK, DRIVEWAY PAVEMENT OR MEDIAN SURFACE SHALL BE SIMILAR TO THE MATERIAL BEING REMOVED AND WILL BE PAID FOR SEPARATELY.  
SODDING, SALT TOLERANT AND TOP SOIL, FURNISH AND PLACE 4" WILL BE PAID FOR SEPARATELY.
- FERTILIZER FOR THE PLACEMENT OF THE SOD IS NOT REQUIRED.
- CURB OR CURB AND GUTTER REPLACEMENT SHALL MATCH THE SHAPE OF THE EXISTING CURB OR CURB AND GUTTER UNLESS OTHERWISE SPECIFIED.
- FOR CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT ADJACENT TO FLEXIBLE PAVEMENT DELETE EPOXY COATED TIE BARS.
- LONGITUDINAL BARS, IF ENCOUNTERED IN THE EXISTING CURB OR CURB AND GUTTER, ARE NOT TO BE REPLACED. CUTTING AND REMOVING LONGITUDINAL BARS SHALL BE INCLUDED IN THE COST OF CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT.
- THE COST OF HMA SURFACE REMOVAL IN THE EXISTING GUTTER FLAG SHALL BE INCLUDED IN THE COST OF THE CURB AND GUTTER REMOVAL AND REPLACEMENT.
- THE REMOVAL AND REPLACEMENT OF THE EXISTING CURB OR CURB AND GUTTER SHALL BE DONE IN ACCORDANCE WITH THE APPLICABLE PORTIONS OF SECTION 440 AND 606 OF THE STANDARD SPECIFICATIONS.
- THE LOCATIONS OF REMOVAL AND REPLACEMENT OF EXISTING CURB OR CURB AND GUTTER SHALL BE DETERMINED BY THE RESIDENT ENGINEER AT THE TIME OF CONSTRUCTION.

**BASIS OF PAYMENT**

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT (METER) FOR "CURB REMOVAL AND REPLACEMENT" OR "COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT".

**CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT**

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

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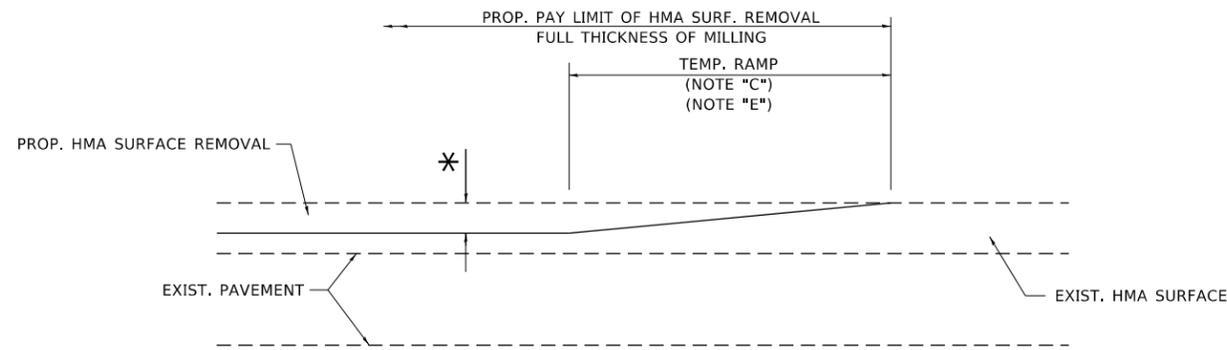
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	DRAWN -	REVISED - A. ABBAS 03-21-97
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PLOT DATE = 12/13/2019	DATE - 03-11-94	REVISED - R. BORO 12-15-09

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CURB OR CURB AND GUTTER  
REMOVAL AND REPLACEMENT

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

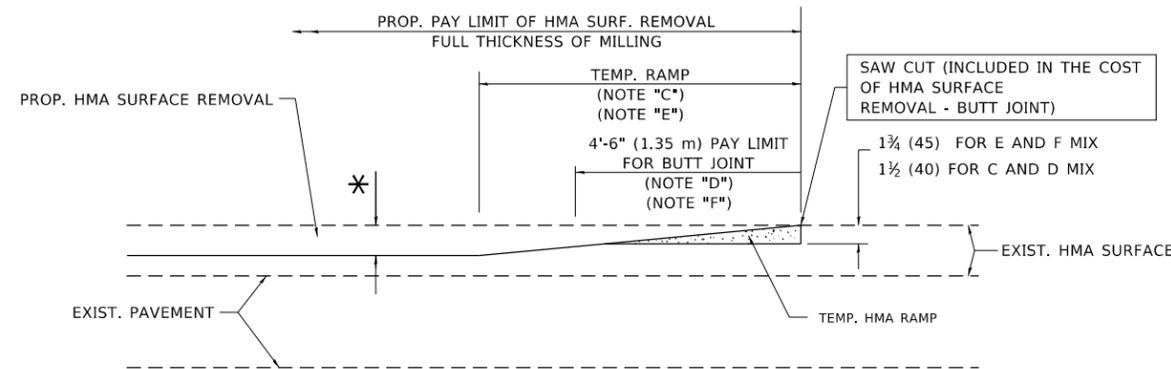
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
378	2019-080-R5&SW	COOK	51	42
BD600-06 (BD-24)		CONTRACT NO. 62J44		
ILLINOIS FED. AID PROJECT				



**MILLED TEMPORARY RAMP**

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

**OPTION 1**

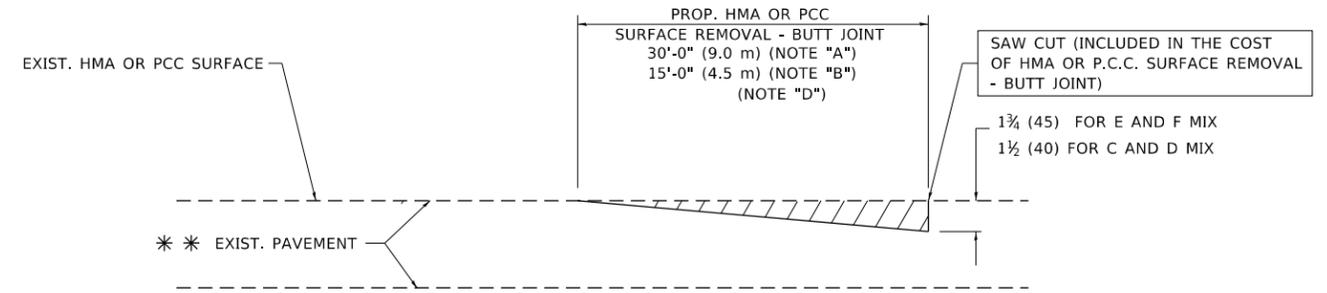


**HMA CONSTRUCTED TEMPORARY RAMP**

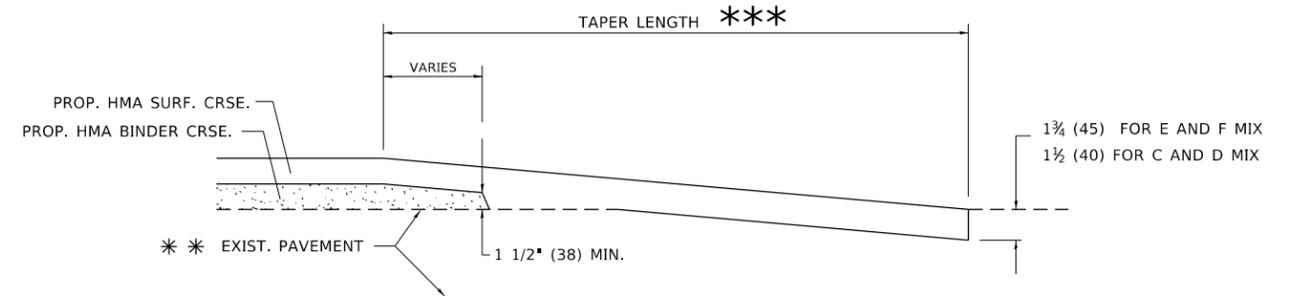
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

**OPTION 2**

**TYPICAL TEMPORARY RAMP**



**BUTT JOINT DETAIL**



**HMA TAPER DETAIL**

**TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY**

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

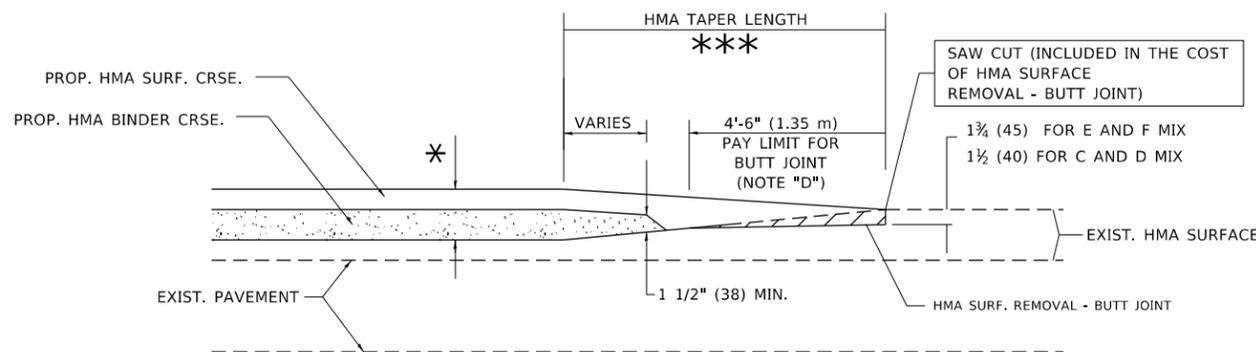
**NOTES**

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

**BASIS OF PAYMENT**

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

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



**BUTT JOINT AND HMA TAPER**

**TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING**

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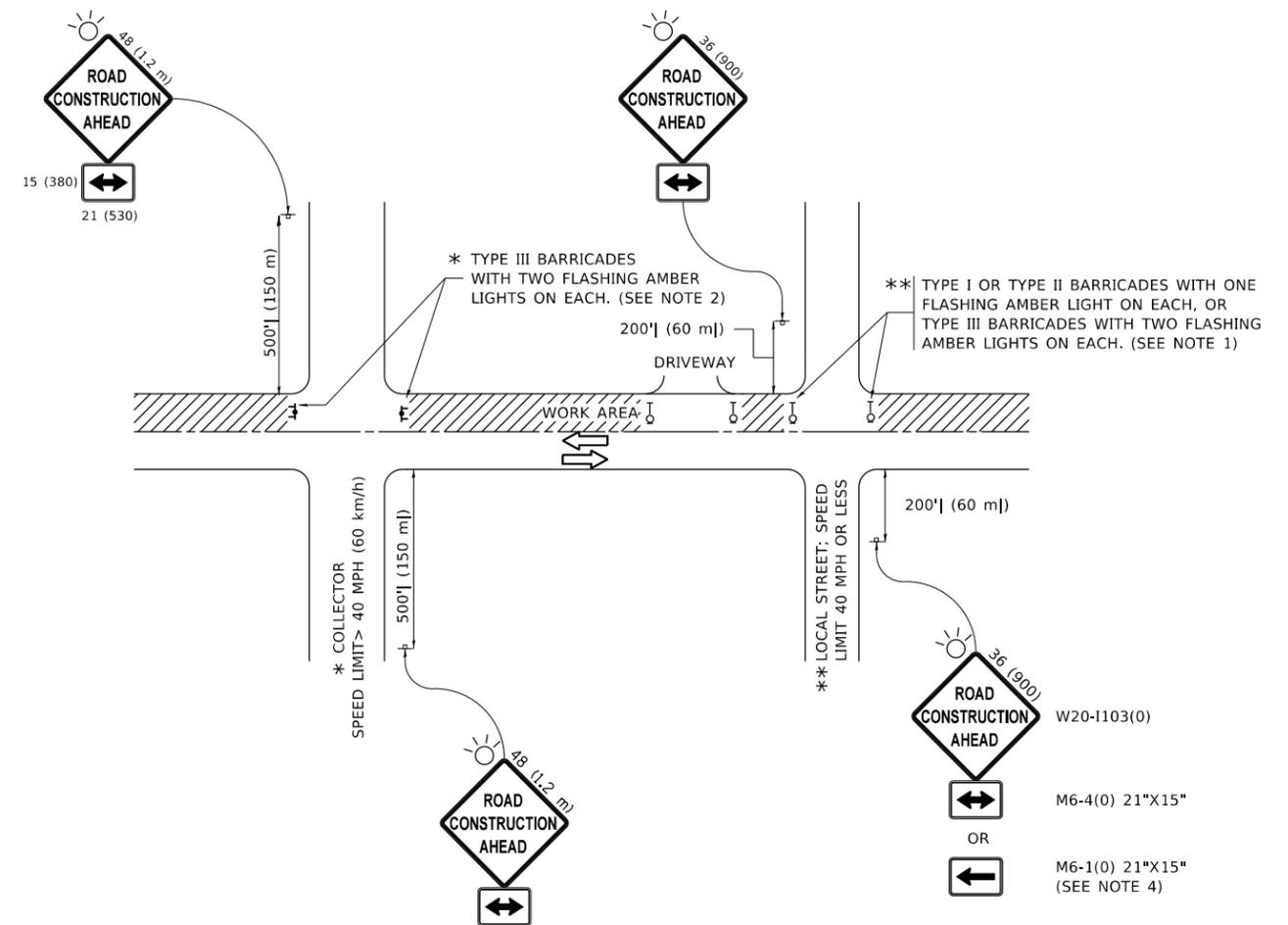
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PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED - A. ABBAS 03-21-97
PLOT DATE = 12/13/2019	CHECKED -	REVISED - M. GOMEZ 04-06-01
	DATE - 06-13-90	REVISED - R.BORO 01-01-07

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND  
HMA TAPER DETAILS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
378	2019-080-R5&SW	COOK	51	43
BD400-05 BD32		CONTRACT NO. 62J44		
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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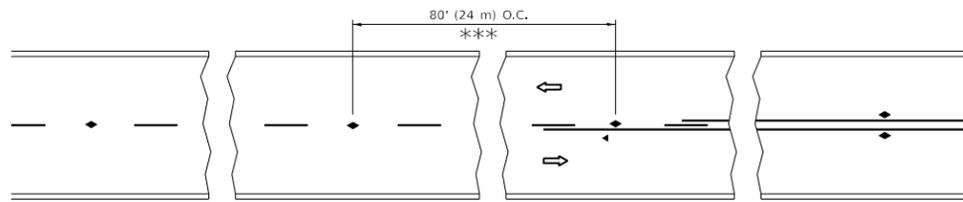
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PLOT DATE = 12/13/2019	DATE - 06-89	REVISED - A. SCHUETZE 07-01-13
		REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

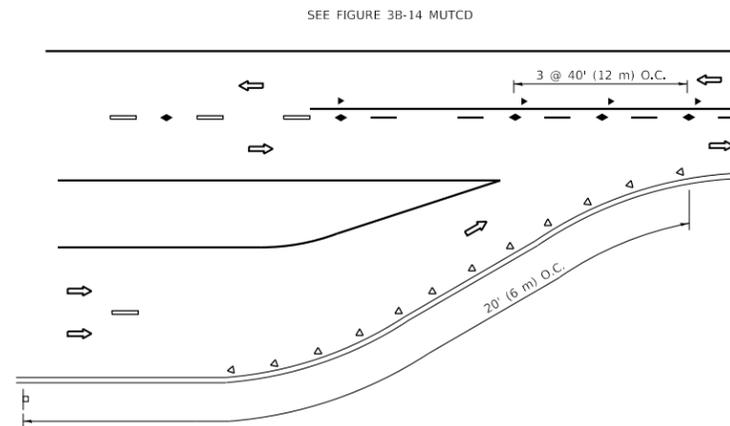
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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<b>TC-10</b>			CONTRACT NO. 62J44	
ILLINOIS FED. AID PROJECT				

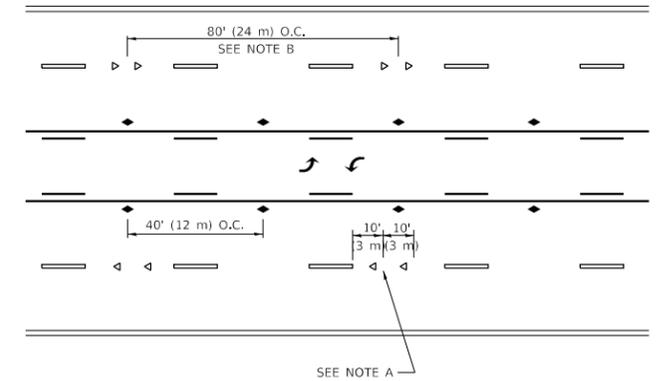


\*\*\* REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS.

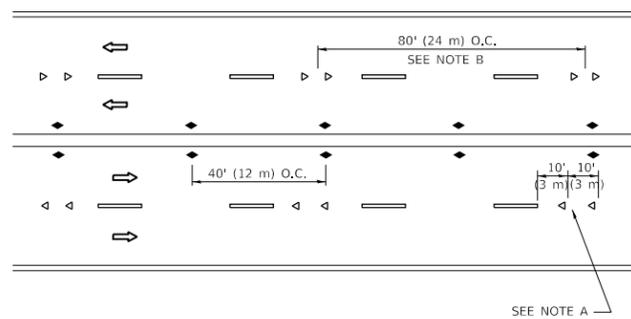
### TWO-LANE/TWO-WAY



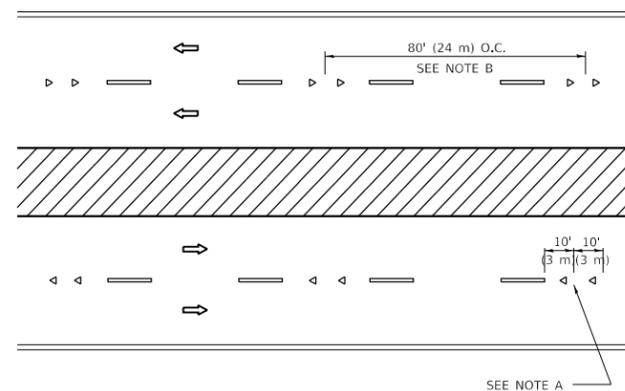
### LANE REDUCTION TRANSITION



### 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

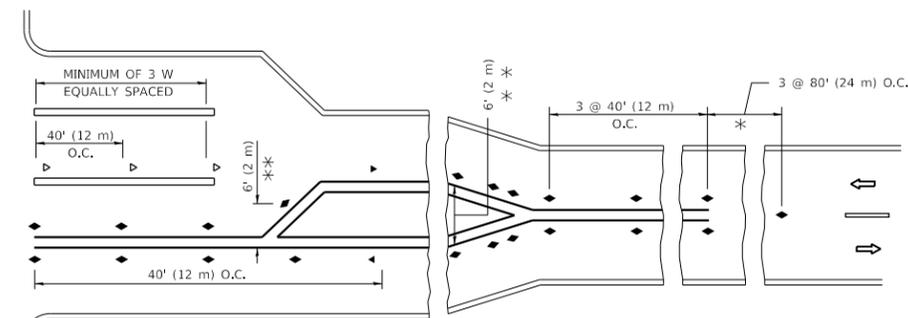
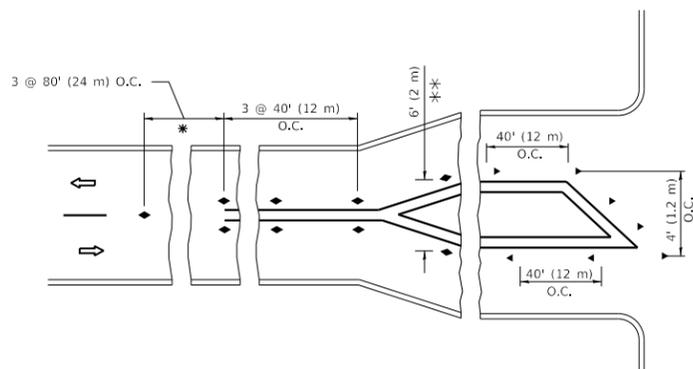
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◀ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

### 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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USER NAME = alawnehah	DESIGNED -	REVISED - T. RAMMACHER 03-12-99
	DRAWN -	REVISED - T. RAMMACHER 01-06-00
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - C. JUCIUS 09-09-09
PLOT DATE = 12/13/2019	DATE -	REVISED - C. JUCIUS 07-01-13

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

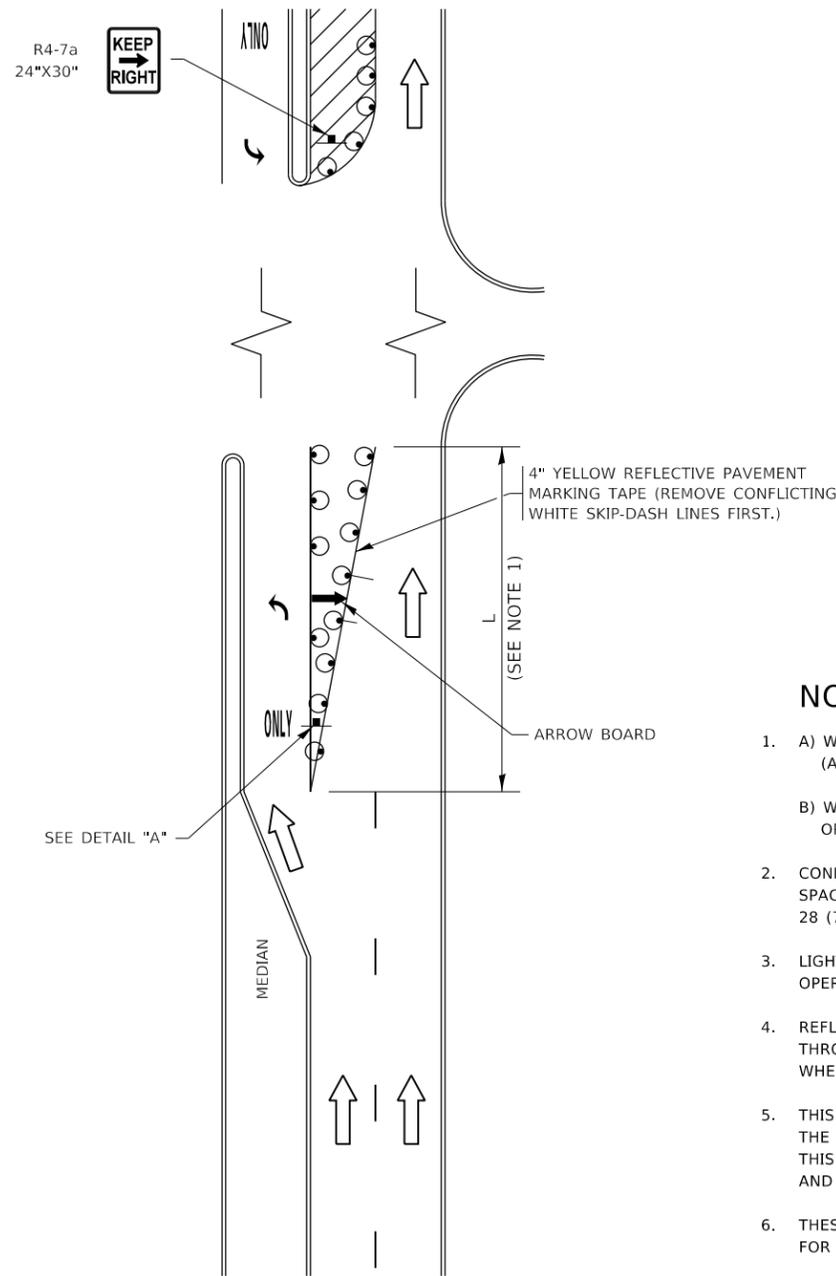
TYPICAL APPLICATIONS  
 RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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TC-11			CONTRACT NO. 62J44	
ILLINOIS FED. AID PROJECT				

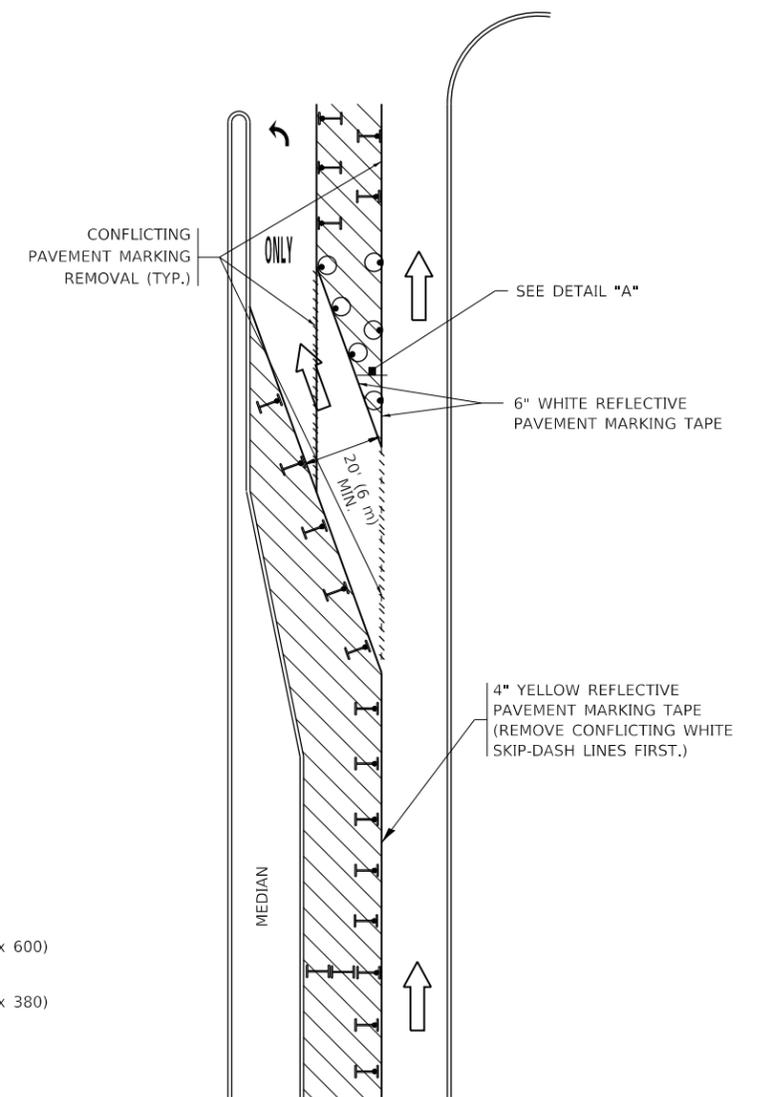


# TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

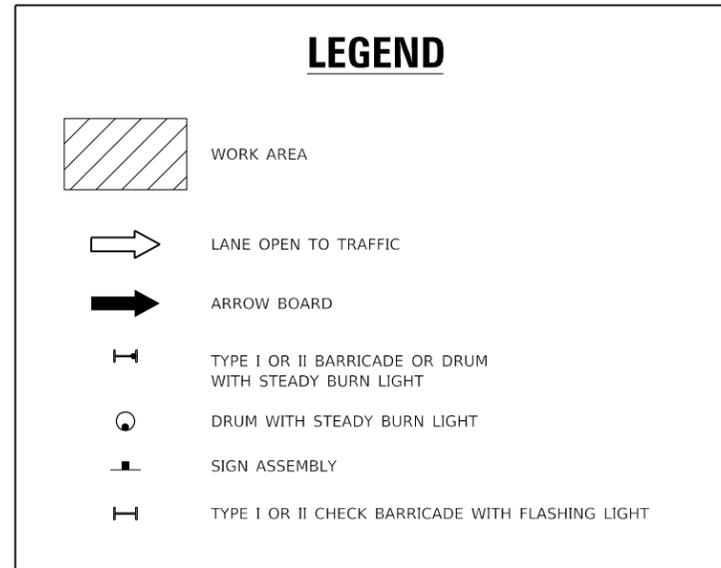


**FIGURE 1**

# TURN BAY ENTRANCE WITHIN A LANE CLOSURE

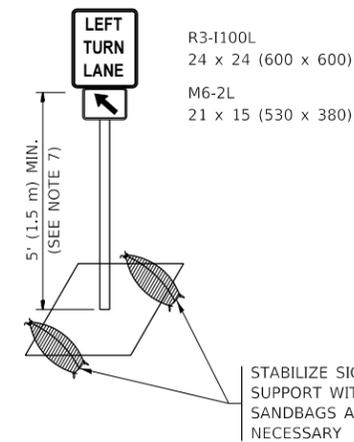


**FIGURE 2**



### NOTES:

1. A) WHEN "L" IS ≤ 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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	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
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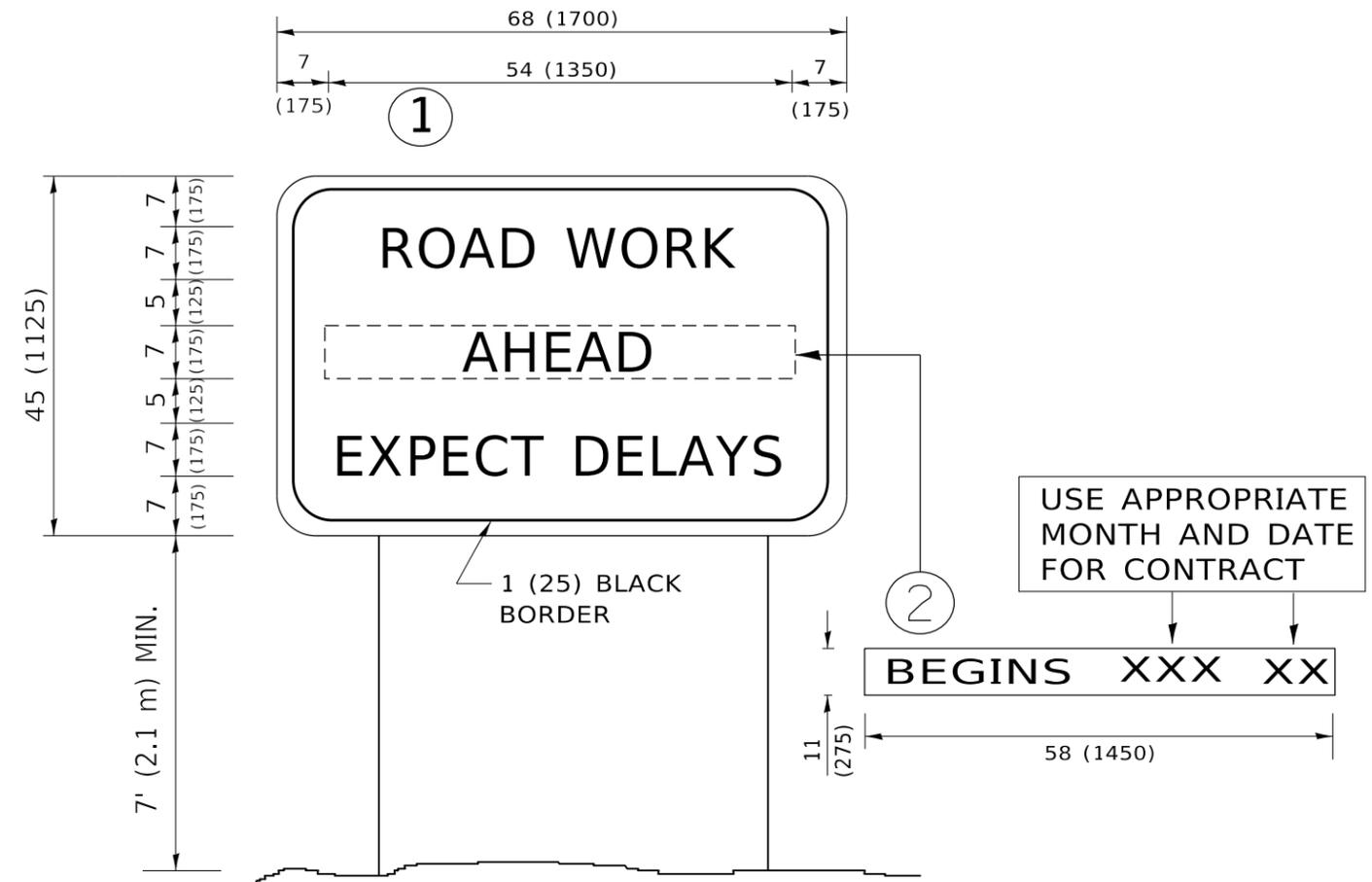
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**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.
378	2019-080-R5&SW	COOK	51	47
TC-14		CONTRACT NO. 62J44		
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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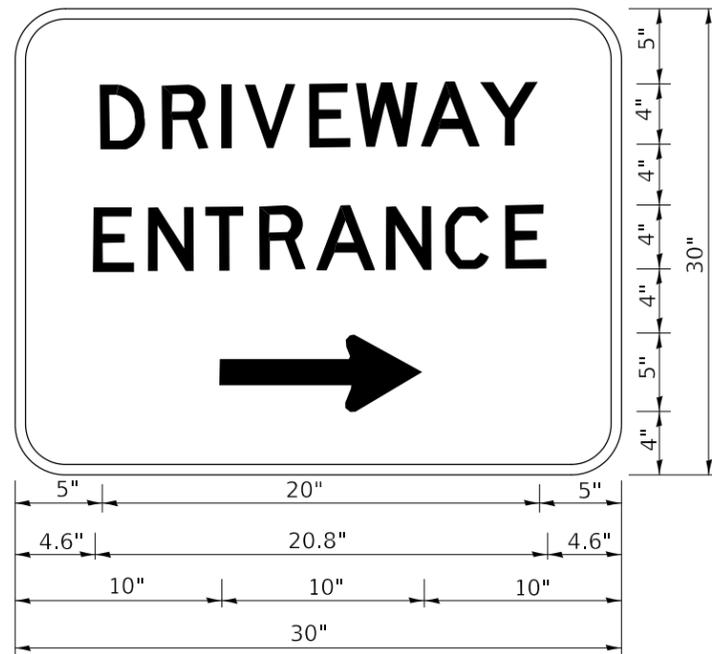
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PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
PLOT DATE = 12/13/2019	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD  
INFORMATION SIGN**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
378	2019-080-R5&SW	COOK	51	49
<b>TC-22</b>			CONTRACT NO. 62J44	
ILLINOIS FED. AID PROJECT				



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

NOTES:

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

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PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/13/2019	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

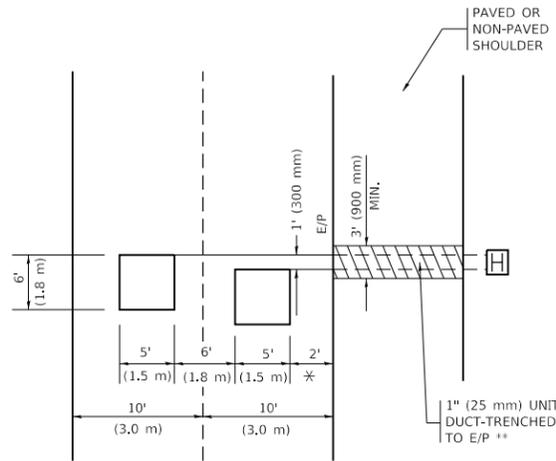
**DRIVEWAY ENTRANCE SIGNING**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
378	2019-080-R5&SW	COOK	51	50
<b>TC-26</b>			CONTRACT NO. 62J44	
		ILLINOIS	FED. AID PROJECT	

**LOOPS NEXT TO SHOULDERS**

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



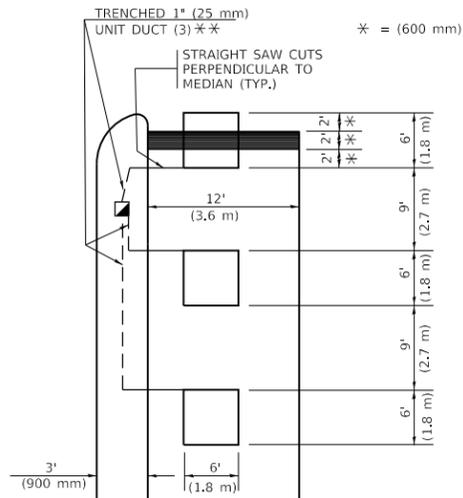
\* = (600 mm)

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

**LEFT TURN LANES WITH MEDIANS**

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

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



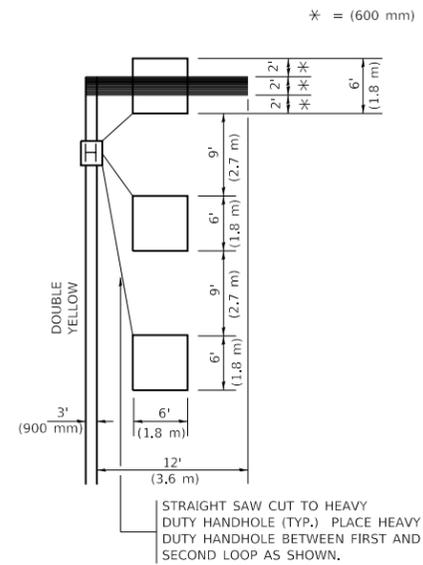
\* = (600 mm)

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

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

**LEFT TURN LANES WITHOUT MEDIANS**

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



\* = (600 mm)

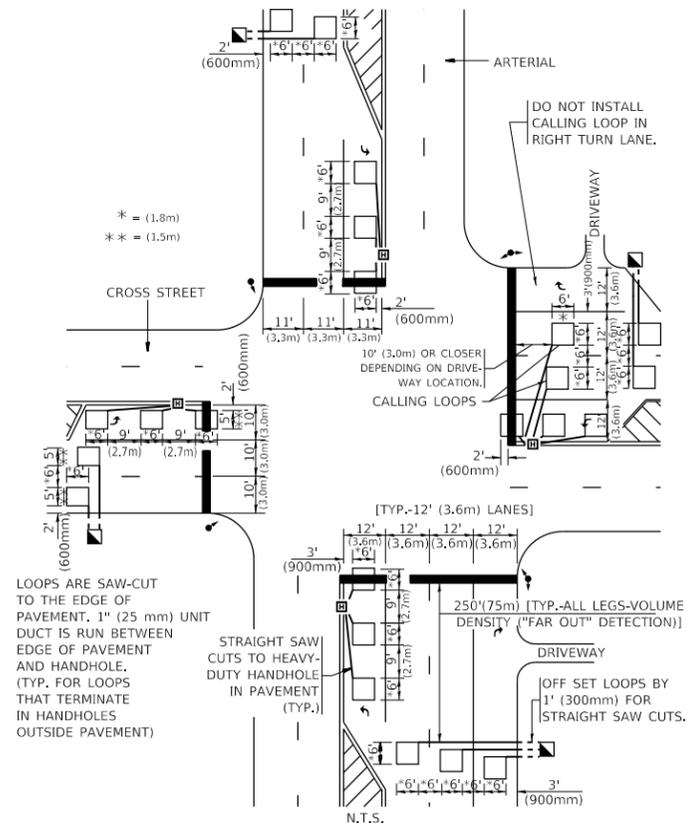
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

**NOTES:**

**VEHICLES LOOP DETECTORS**

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

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



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

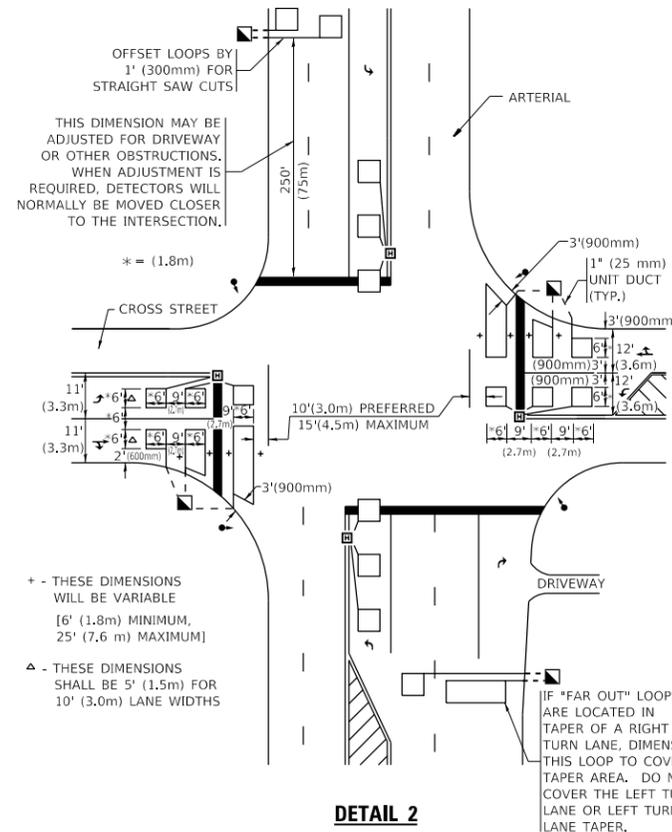
LOOPS ARE SAW-CUT TO THE EDGE OF PAVEMENT. 1" (25 mm) UNIT DUCT IS RUN BETWEEN EDGE OF PAVEMENT AND HANDHOLE. (TYP. FOR LOOPS THAT TERMINATE IN HANDHOLES OUTSIDE PAVEMENT)

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

[TYP.-12' (3.6m) LANES]  
250' (75m) [TYP.-ALL LEGS-VOLUME DENSITY ("FAR OUT" DETECTION)]  
DRIVEWAY  
OFF SET LOOPS BY 1' (300mm) FOR STRAIGHT SAW CUTS.

**DETAIL 1**  
N.T.S.

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



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

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

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

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

**DETAIL 2**  
N.T.S.

**PLACEMENT OF DETECTORS**

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

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

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

**NOTE:**

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

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

MODEL: Default  
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USER NAME = alawnehah	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 12/13/2019	CHECKED - R.K.F.	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>DISTRICT 1 - DETECTOR LOOP INSTALLATION</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
<b>DETAILS FOR ROADWAY RESURFACING</b>		378	2019-080-R5&SW	COOK	51	51
SCALE: NONE		SHEET 1 OF 1 SHEETS		STA. TO STA.	CONTRACT NO. 62J44	
		ILLINOIS		FED. AID PROJECT		