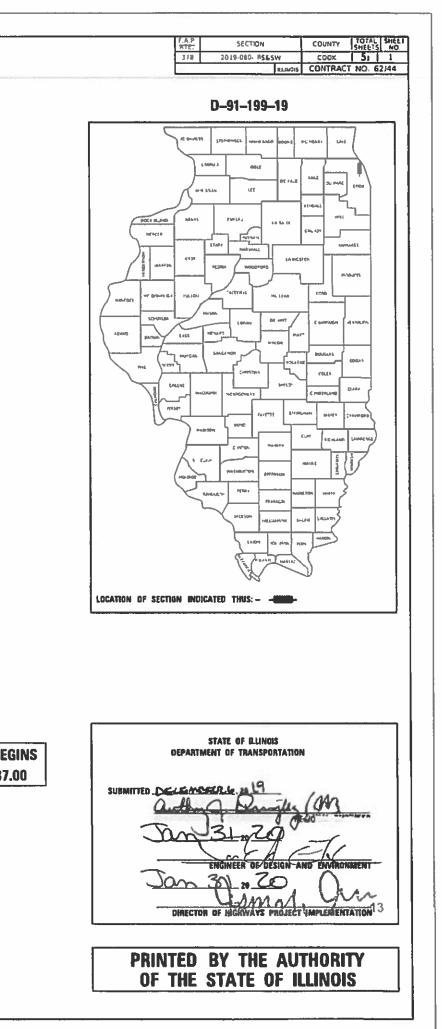
03-06-2020 LETTING ITEM 020 **STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION** Ο PROPOSED FOR INDEX OF SHEETS, SEE SHEET NO. 2 **HIGHWAY PLANS** THIS PROJECT IS LOCATED IN 0 THE VILLAGE OF LINCOLNWOOD **ROUTE: F.A.P. 378 MCCORMICK BLVD.** AND VILLAGE OF SKOKIE **DEMPSTER ST. TO DEVON AVE.** SECTION: 2019–080–RS&SW **PROJECT: NHPP-ECJS(429) DESIGNED OVERLAY, ADA IMPROVEMENTS AND** DRAINAGE **TRAFFIC DATA: COOK COUNTY** 2018 AADT = 37,900 SPEED LIMIT = 40 MPH C-91-432-19 **PROJECT ENDS** STA 166 + 45.00 R 13 E N CHURCH ST. DEMPSTER EVAN-STON LOCATION MAP INOT TO SCALED ASBUR M SKOKIE SOUTI BL. 2 HOWARD ÷ 19 AVE. **PROJECT BEGINS** STA 7+37.00 Ο PLANS HAVE BEEN PREPARED USING STANDAY =14**)**= 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. **NILES TOWNSHIP** JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS 1-800-892-0123 OR \$11 Q PROJECT ENGINEER: DANIEL WILGREEN (847) 705-4240 PROJECT MANAGER: FAWAD AQUEEL (847) 705-4247 GROSS LENGTH = 15,900 FT. = 3.01 MILE NET LENGTH = 15,908 FT. = 3.01 MILE

CONTRACT NO. 62J44



INDEX OF SHEETS

SHEET NO. DESCRIPTION

- 1 COVER SHEET
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- 13 16 DRAINAGE PLAN
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- PROJECT DETAILS FOR CURB RAMPS 25 - 28
- 29 39 ADA SIDEWALK DETAILS
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STATE STANDARDS

STANDARD NO. DESCRIPTION

NAME =	USER NAME = alawnehab	DESIGNED -	REVISED -
814001-03	HANDHOLES		
701901-08	TRAFFIC CONTROL DEVICES		
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSE	IRE	
701701-10	URBAN LANE CLOSURE, MULTILANE INTER	SECTION	
701606-10	URBAN SINGLE LANE CLOSURE MULTILANE	, 2W WITH MOUNTABLE MEDIAN	
701602-10	URBAN LANE CLOSURE MULTILANE, 2W W	TH BIDIRECTIONAL LEFT TURN L	ANE
701501-06	URBAN LANE CLOSURE,2L,2W, UNDIVIDED		
701427-05	LANE CLOSURE, MULTILANE, INTERMITTEN	T OR MOVING OPER., FOR SPEED	S <= 40 MPH
701311-03	LANE CLOSURE,2L,2W, MOVING OPERATION	S- DAY ONLY	
701301-04	LANE CLOSURE,2L,2W, SHORT TIME OPER	TIONS	
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' (4.	5 m) TO 24" (600 m) FROM PAVE	MENT EDGE
701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DA	Y ONLY	
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m)	TO 24" (600 mm) FROM PAVEN	IENT EDGE
606001-07	CONCRETE CURB TYPE B AND COMBINATI	ON CONCRETE CURB AND GUTTER	
604091-03	FRAME AND GRATE TYPE 24		
604001-05	FRAMES AND LIDS TYPE 1		
442201-03	CLASS C AND D PATCHES		
424026-03	ENTRANCE / ALLEY PEDESTRIAN CROSSIN	IGS	
424021-05	DEPRESSED CORNER FOR SIDEWALKS		
424011-04	CORNER PARALLEL CURB RAMPS FOR SID	EWALKS	
424001-11	PERPENDICULAR CURB RAMPS FOR SIDEW	ALKS	
000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND	PATTERNS	

GE	NERAL NOTES
1.	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)
2.	THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, VILAGE OF LICOLNWOOD, AND VILLAGE OF SKOKIE.
3.	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.
4.	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.
5.	THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT THE WRITTEN PERMISSION OF THE DEPARTMENT.
6.	IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
7.	DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
8.	THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
9.	ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
10.	DRAINAGE ADJUSTMENT OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
11.	FOR FRAMES AND LIDS ADJUSTMENT WITHOUT MILLING, REUSE EXISTING FRAME AND LID UNLESS OTHERWISE SPECIFIED IN THE PLANS.
12.	WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC. THE MAXIMUM GRADE DIFFERENTIAL

- 12. WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 11/2 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.
- 13. 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.
- 14. TWO WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS, THE ENGINEER SHALL CONTACT DON CHIARUGI, AREA TRAFFIC FIELD ENGINEER AT DON.CHIARUGI@ILLINOIS.GOV
- 15. 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.
- 16. 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.
- 17. PAVEMENT MARKING TAPE, TYPE III SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.
- 18. 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 19. CONSTRUCTION.
- 20. LOCATION OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT LOR 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 21. 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.
- 22. NO CONSTRUCTION EQUIPMENT OR CONSTRUCTION MATERIALS MAY BE PLACED WITHIN TREES' ROOT ZONE ALONG MCCORMICK BLVD. ESPECIALLY WITHIN THE SKOKIE NORTHSHORE CHANNEL PARK.

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GENERAL NOTES (DRAINAGE RELATED)

1. 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.

2. 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.

3. 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

1. 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.

2. PROPERTIES AND CHANNELS ADJOINING THE SITE SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION.

3. SOIL EROSION AND SEDIMENT CONTROL FEATURES SHALL BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF HYDROLOGIC DISTURBANCE OF UPLAND AREAS.

4. DISTURBED AREAS SHALL BE STABILIZED WITH TEMPORARY OR PERMANENT MEASURES WITHIN ONE (1) CALENDAR DAY FOLLOWING THE END OF ACTIVE HYDROLOGIC DISTURBANCE.

5. 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.

6. ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED IN IN EFFECTIVE WORKING CONDITION.

7. 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/E ROSION-AND-SEDIMENT-CONTROL).

8. THE DEPARTMENT SHALL CHECK ALL ESC MEASURES WEEKLY AND AFTER EACH RAINFALL, 0.5 INCHES OR GREATER IN A 24-HOUR PERIOD, OR FOULVALENT SNOWFALL, ADDITIONALLY DURING WINTER MONTHS, ALL MEASURES SHOULD BE CHECKED BY THE DEPARTMENT AFTER EACH SIGNIFICANT SNOWMELT.

9. 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.

	SUMMARY OF QUANTITIES		URBAN		CC	NSTRUCTIO	ON TYPE CO	DE				CI IMMAA	RY OF QUANTITIES	
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CODE NO	ІТЕМ	UNIT	QUANTITIES		100% STATE		100% STATE			C	ODE NO		ITEM	UNIT
20101000	TEMPORARY FENCE	FOOT	50			50				40	0600290	BITUMINOUS N	MATERIALS (TACK COAT)	POUN
20200100	EARTH EXCAVATION	CU YD	57	57						40	0600400	MIXTURE FOR	CRACKS, JOINTS, AND	TON
												FLANGEWAYS		
20400800	FURNISHED EXCAVATION	CU YD	18			18								
										40	0600982	HOT-MIX ASPH	HALT SURFACE REMOVAL - BUTT	SO YI
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	72	72								JOINT		
21101625	TOPSOIL FURNISH AND PLACE, 6"	SQ YD	1080			1080				40	0602985	HOT-MIX ASPH	HALT BINDER COURSE, IL-9.5,	TON
												N70		
25000110	SEEDING, CLASS 1A	ACRE	0.3			0.3								
										40	0605026	POLYMERIZED	HOT-MIX ASPHALT SURFACE	TON
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	28	1		27						COURSE, STON	NE MATRIX ASPHALT, 9.5, MIX	
												"F", N80		
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	28	1		27								
										42	2001 300	PROTECTIVE (COAT	SO YO
25100630	EROSION CONTROL BLANKET	SQ YD	1080			1080								
										42	2400200	PORTLAND CEM	MENT CONCRETE SIDEWALK 5	SQ F
25200110	SODDING, SALT TOLERANT	SO YD	72	72								INCH		
25200200	SUPPLEMENTAL WATERING	UNIT	1	1						* 42	2400800	DETECTABLE V	WARNINGS	S0 F1
28000400	PERIMETER EROSION BARRIER	FOOT	215			215				44	1000164	HOT-MIX ASPH	HALT SURFACE REMOVAL, 3	SO Y
												3/4"		
28100109	STONE RIPRAP, CLASS A5	SO YD	15			15								
										44	1000600	SIDEWALK REN	NOVAL	SO FI
28200200	FILTER FABRIC	SQ YD	19			19								
										44	1201773	CLASS D PATO	CHES, TYPE I, 11 INCH	SO YE
40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	54	54										
										44	1201777	CLASS D PATO	CHES, TYPE II, 11 INCH	SO YI
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	SUMMARY OF QUANTITIES		URBAN		CC	NSTRUCTION	TYPE CO	DDE		Π		SUMMA	RY OF QUANTITIES	
CODE NO	ITEM	UNIT	TOTAL	0005 80% FED 20% STATE		0005 80% FED 10 20% STATE	0005 00% STATE				CODE NO		ITEM	UNIT
44201781	CLASS D PATCHES, TYPE III, 11 INCH	SO YD	43	43						*	66900530	SOIL DISPOS	AL ANALYSIS	EACH
44201783	CLASS D PATCHES, TYPE IV, 11 INCH	SO YD	100	100						*	66901001	REGULATED S	UBSTANCES PRE-CONSTRUCTION	LSUM
												PLAN		
54261236	CONCRETE END SECTION, STANDARD 542001	. EACH	1			1								
	36", 1:2									*	66901003	REGULATED S	UBSTANCES FINAL CONSTRUCTION	LSUM
									_			REPORT		
550A0750	STORM SEWERS, CLASS A, TYPE 3 36"	FOOT	38			38								
									_	*	66901006	REGULATED SI	UBSTANCES MONITORING	CAL D
55101600	STORM SEWER REMOVAL 36"	FOOT	46			46								
											67000400	ENGINEER'S	FIELD OFFICE, TYPE A	CAL N
60223800	MANHOLES, TYPE A, 6'-DIAMETER, TYPE 1	EACH	1			1					67100100	MOBILIZATIO	N	LSU
	FRAME, CLOSED LID													
											70102620	TRAFFIC CON	TROL AND PROTECTION.	L SUN
60255410	CATCH BASINS TO BE CLEANED	EACH	1		1							STANDARD 70	1501	
60252800	CATCH BASINS TO BE RECONSTRUCTED	EACH	2	2							70102625		TROL AND PROTECTION,	L SUN
												STANDARD 70	· · ·	
60257900	MANHOLES TO BE RECONSTRUCTED	EACH	7	7										
											70102632	TRAFFIC CON	TROL AND PROTECTION,	L SU
60266600	VALVE BOXES TO BE ADJUSTED	EACH	1	1								STANDARD 70	1602	
60300105	FRAMES AND GRATES TO BE ADJUSTED	EACH	10	10										
											70102635		TROL AND PROTECTION,	LSU
60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	7	7								STANDARD 70	1701	
											70102640	TRAFFIC CON	TROL AND PROTECTION.	L SUN
60406000	FRAMES AND LIDS, TYPE 1, ADA COMPLIAN	IT EACH	1	1								STANDARD 70	1801	
	OPEN LID										70300100	SHORT TERM	PAVEMENT MARKING	FOOT
66800300			E 7	57										
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	57	57							70300150	SHORT TERM	PAVEMENT MARKING REMOVAL	S0 F1
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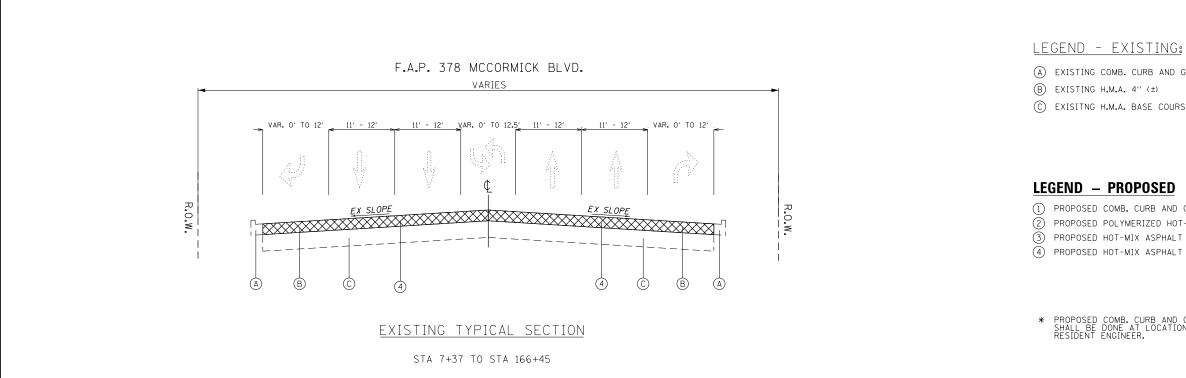
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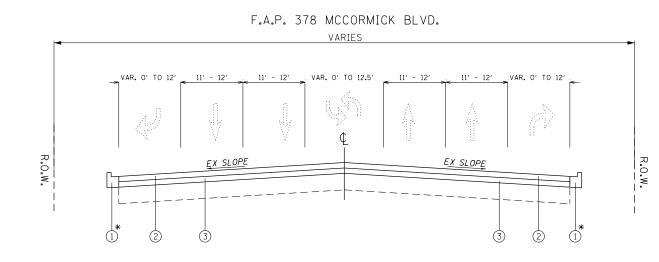
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	SUMMA	RY OF QUANTITIES				CO	NSTRUCTIC	N TYPE CO	DDE	_		SUMM/	ARY OF QUANTITIES	
CODE NO		ITEM	UNIT	TOTAL QUANTITIES	0005 80% FED 20% STATE	0005 100% STATE	0005 80% FED 20% STATE	0005 100% STATE			CODE NO		ITEM	UNIT
70300210	TEMPORARY PAV	EMENT MARKING LETTERS AND	SO FT	2267	2267						78300200	RAISED REFL	ECTIVE PAVEMENT MARKER	EACH
	SYMBOLS											REMOVAL		
70300220	TEMPORARY PAV	EMENT MARKING - LINE 4"	FOOT	54881	54881					*	88600600	DETECTOR LO	OP REPLACEMENT	FOOT
70300240	TEMPORARY PAV	EMENT MARKING - LINE 6"	FOOT	8695	8695					*	89500400	RELOCATE EX	ISTING PEDESTRIAN PUSH-BUTTON	EACH
70300250	TEMPORARY PAV	EMENT MARKING - LINE 8"	FOOT	189	189					*	89502376	REBUILD EXI	STING HANDHOLE	EACH
70300260	TEMPORARY PAV	EMENT MARKING - LINE 12"	FOOT	4750	4750						X0320050	CONSTRUCTIO	N LAYOUT (SPECIAL)	L SUM
70300280	TEMPORARY PAV	EMENT MARKING - LINE 24"	FOOT	1159	1159						VEE 37000			
											x5537800	STURM SEWER	S TO BE CLEANED 12"	FOOT
70300520	PAVEMENT MARK	ING TAPE, TYPE III 4"	FOOT	71400	71400						x5538600	STORM SEWER	S TO BE CLEANED 36"	FOOT
* 78000100	THERMOPLASTIC	PAVEMENT MARKING -	SO FT	2267	2267						x6030310	FRAMES AND	LIDS TO BE ADJUSTED	EACH
	LETTERS AND S	YMBOLS										(SPECIAL)		
× 78000200	THERMOPLASTIC	PAVEMENT MARKING - LINE	FOOT	54881	54881						x7030005	TEMPORARY P	AVEMENT MARKING REMOVAL	SO FT
	4"													
											Z0004562	COMBINATION	CONCRETE CURB AND GUTTER	FOOT
78000400	THERMOPLASTIC	PAVEMENT MARKING - LINE	FOOT	8695	8695							REMOVAL AND	REPLACEMENT	
	6"										Z0018500	DRAINAGE ST	RUCTURES TO BE CLEANED	EACH
78000500	THERMOPLASTIC	PAVEMENT MARKING - LINE	FOOT	189	189						Z0023201	SEDIMENT CO	NTROL, SILT CURTAIN	ЕАСН
	8"													
78000600	THERMOPLASTIC	PAVEMENT MARKING - LINE	FOOT	4750	4750						Z0030850	TEMPORARY I	NFORMATION SIGNING	SO FT
	12"													
78000650	THERMOPLASTIC	PAVEMENT MARKING - LINE	FOOT	1159	1159						Z0033700	LONGITUDINA	L JOINT SEALANT	FOOT
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PROPOSED TYPICAL SECTION

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MIXTURE USES PROPOSED POLYMER COURSE, SMA, MIX PAVEMENT RESURFACING HOT-MIX ASPHALT CLASS D PATCH (HMA BINDER IL-19 PATCHING QMP DESIGNATION: QUALITY CONTROL PAY FOR PERFORMANCE (PFP)

- APPLIES TO THE HMA MIXTURE.
- NOTE 5: CONTRACTOR SHALL MILL BEFORE PATCH

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

(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, $3\frac{3}{4}$

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

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

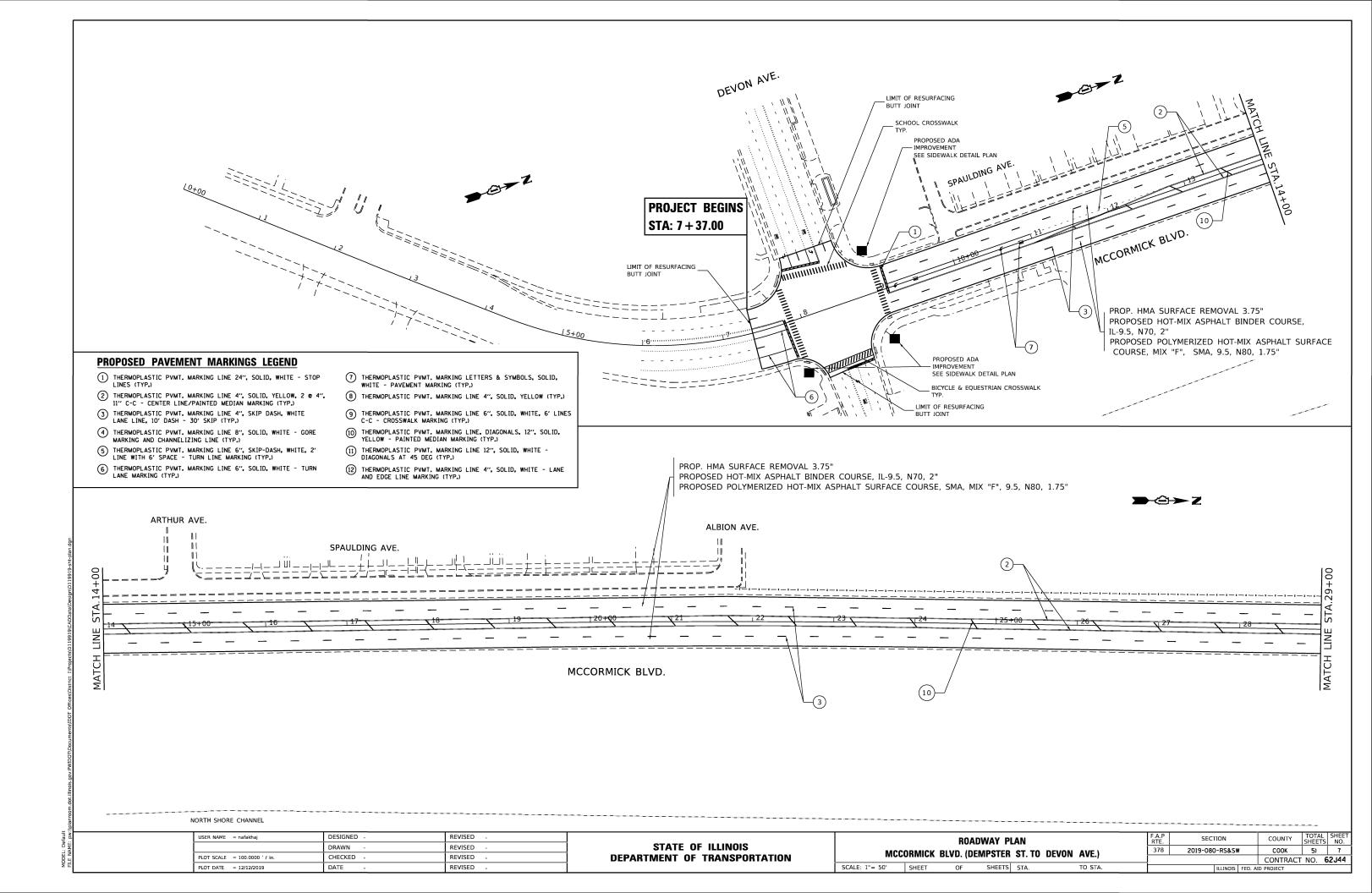
MIXTURE TYPE	AIR VOIDS @ Ndes	QMP
RIZED HOT-MIX ASPHALT SURFACE "F", 9.5, N80, 1.75"	3.5% @ 80 GYR.	PFP
BINDER COURSE, IL-9.5, N70, 2"	4% @ 70 GYR.	QCP
mm), 11′′	4% @ 70 GYR.	QC/QA
DL/QUALITY ASSURANCE (QC/QA); QUALITY	CONTROL FOR PERFORM	ANCE (QCP);

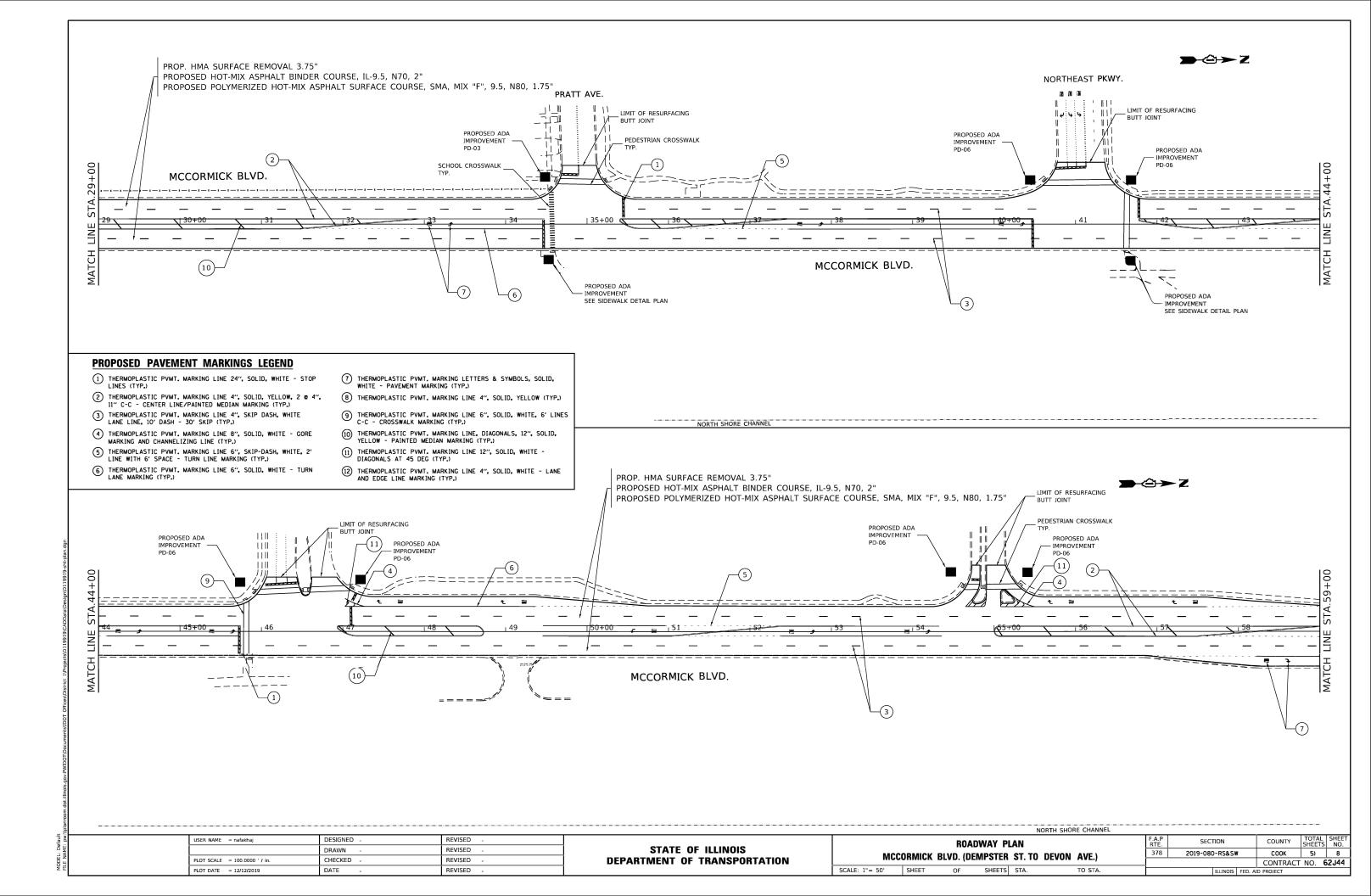
NOTE 1: THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.

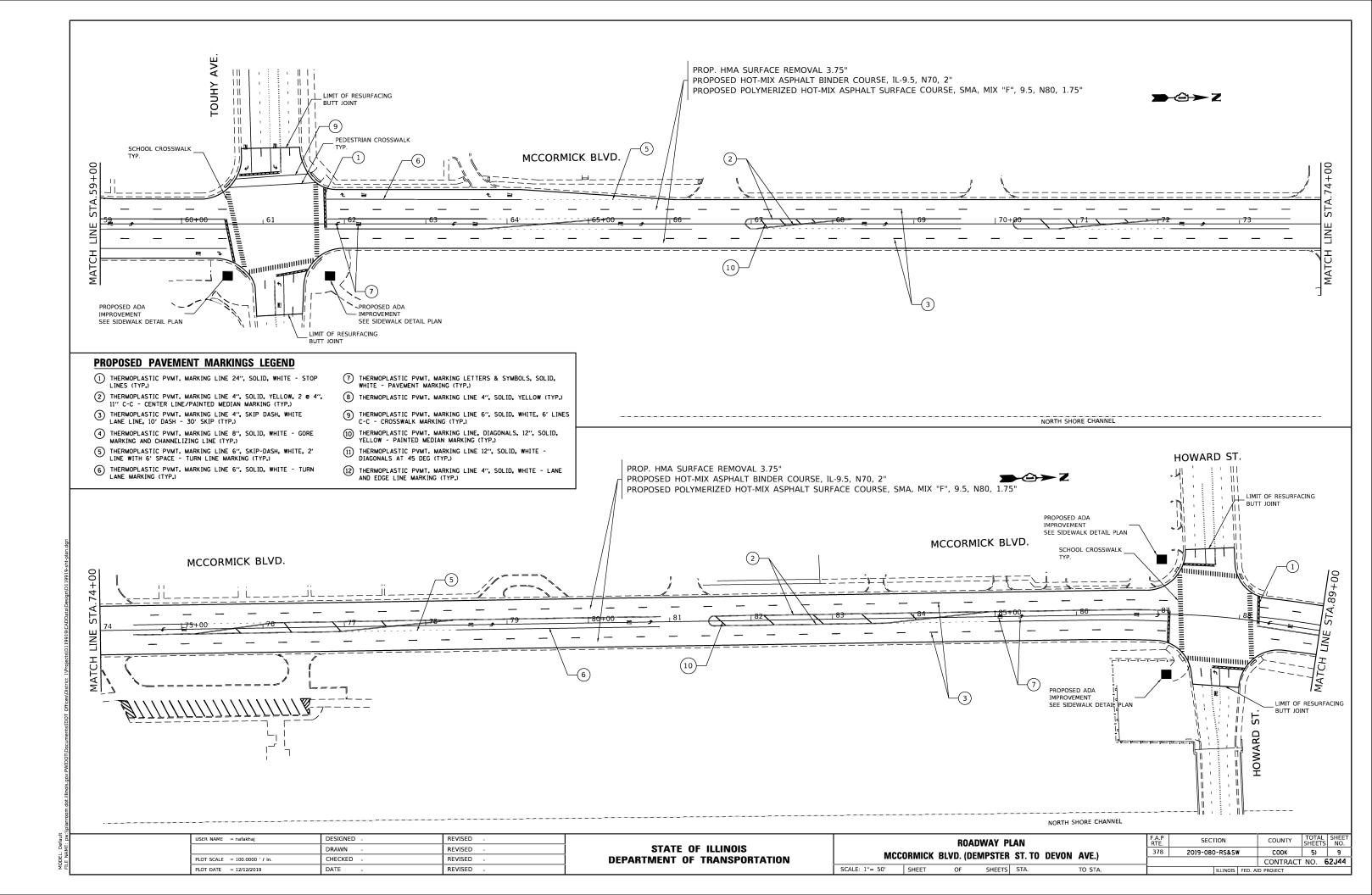
NOTE 2: THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.

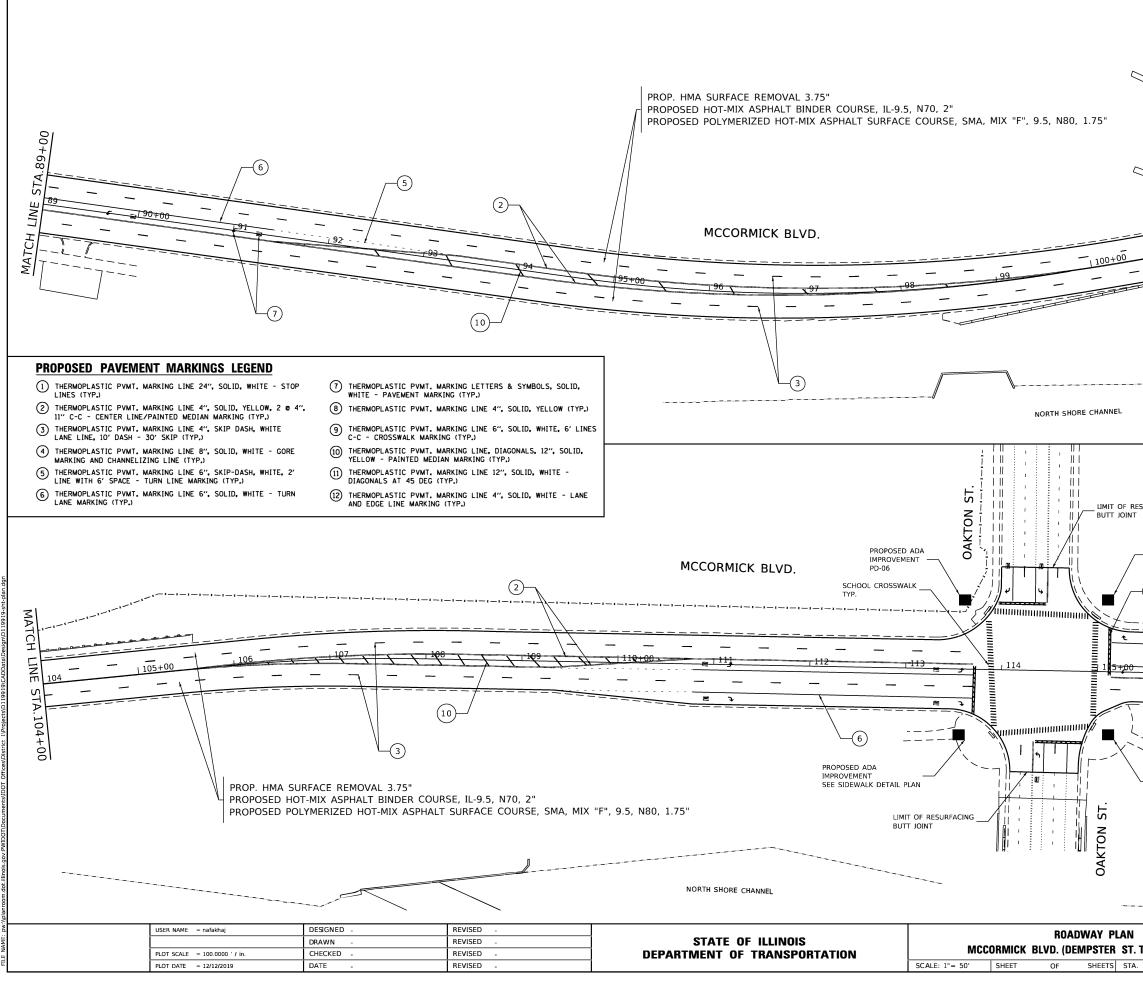
NOTE 3: QUALITY MANAGEMENT PROGRAM (QMP) IDNTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT

NOTE 4: THE LOGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE HMA BINDER COURSE IL-9.5"

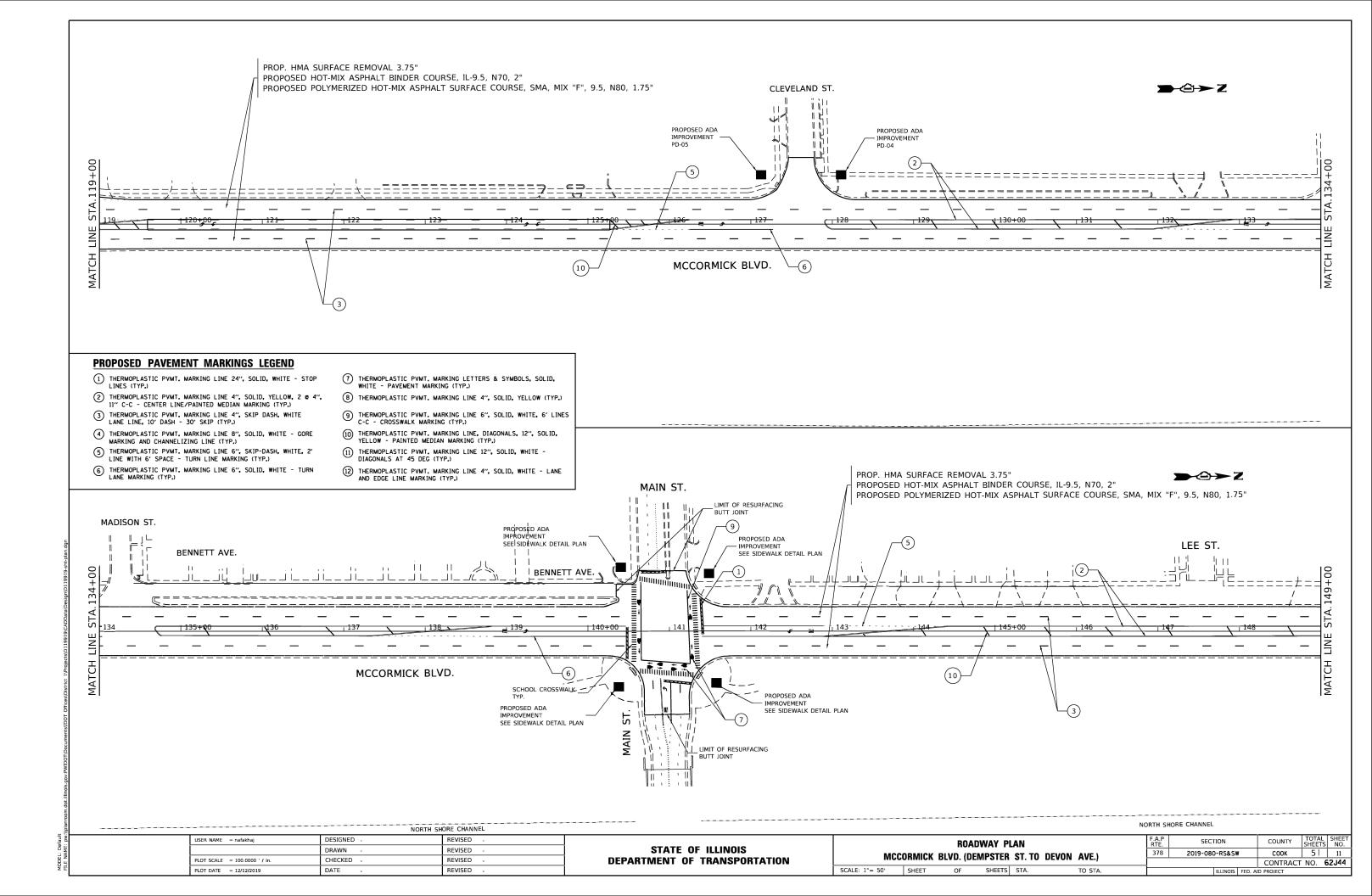


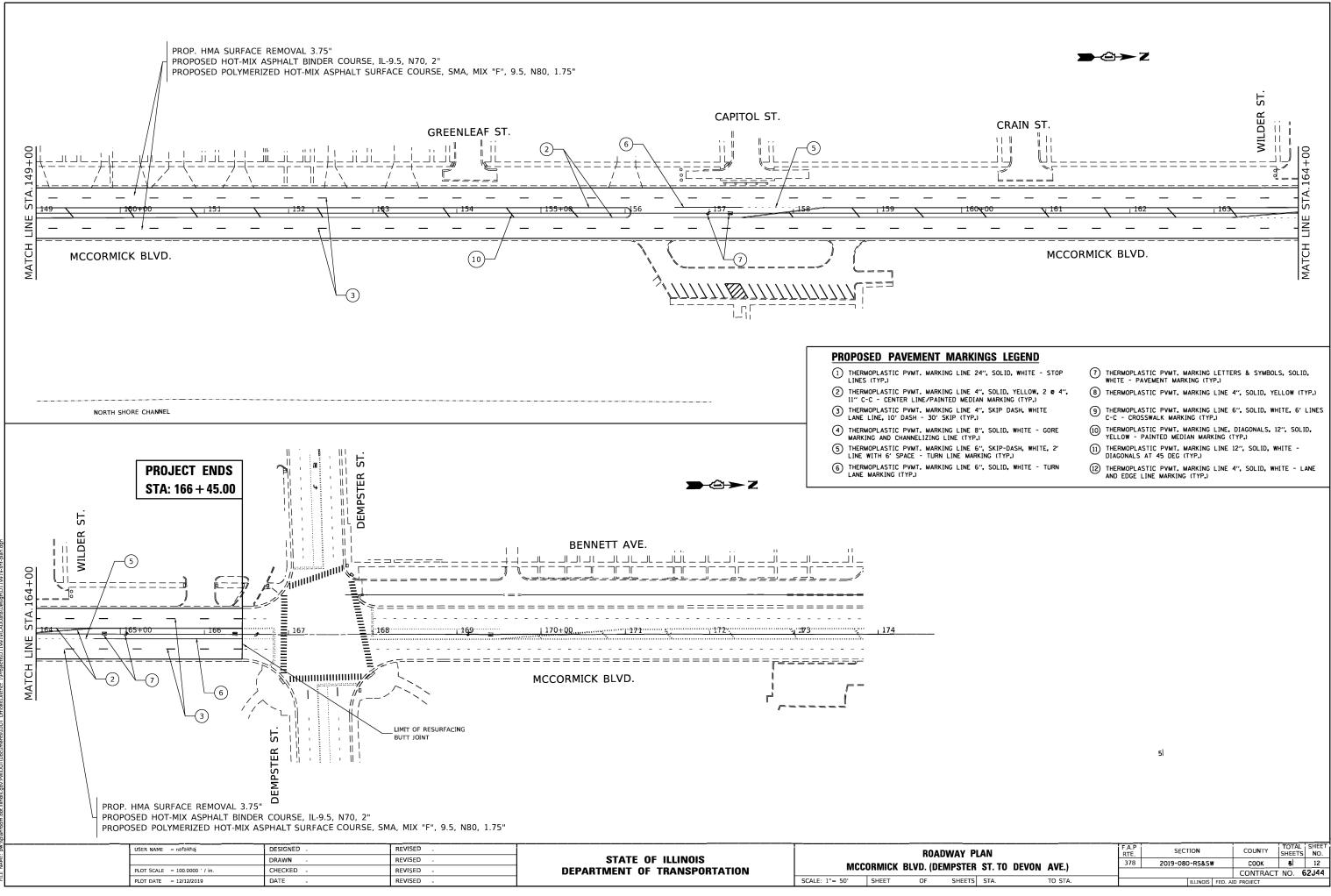






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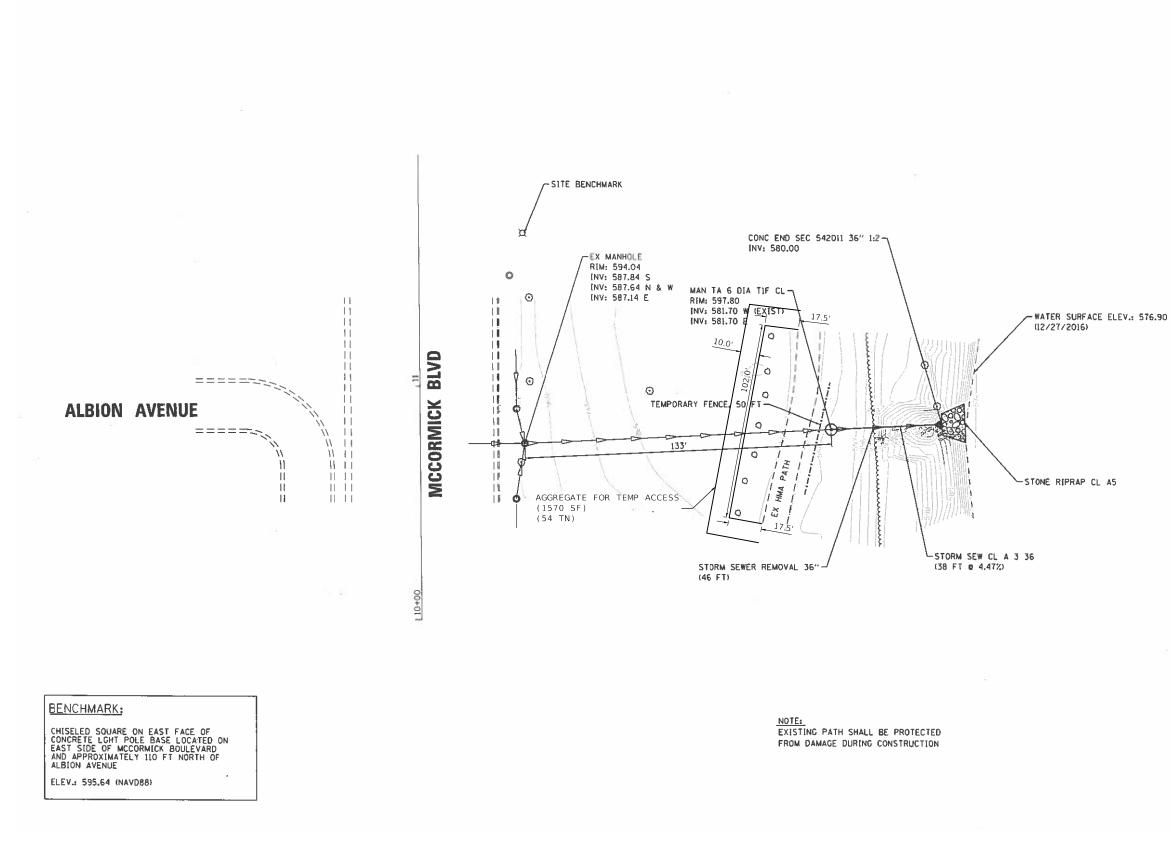
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A. REFERENCED SPECIFICATIONS	PIPE MATERIAL	PIPE SPECIFICATIONS	JOINT SPECIFICATIONS	
 ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE FOLLOWING, EXCEPT AS MODIFIED HEREIN OR ON THE PLANS: * STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (LATEST EDITION), BY THE 	VITRIFIED CLAY PIPE	ASTM C-700	ASTM C-425	E. EROSION AND SEDIMENT CONTROL 1. THE CONTRACTOR SHALL INSTALL THE EROSION AND SEDIMENT CONTROL
ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT SS) FOR ALL IMPROVEMENTS EXCEPT SANITARY SEWER AND WATER MAIN CONSTRUCTION; STANDARD, SPECIFICATION: EAR WATER AND SEWER MAIN CONSTRUCTION IN IN INDIC LARGE.	REINFORCED CONCRETE SEWER PIPE	ASTM C-76 ASTM A-74	ASTM C-443 ASTM C-564	APPROVED EROSION AND SEDIMENT CONTROL PLAN. 2. EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE FUNCTIONAL PR
ILLINOIS DEPARTMENT OF TRANSPORTATION (IDOT SS) FOR ALL IMPROVEMENTS EXCEPT SANITARY SEWER AND WATER MAIN CONSTRUCTION; * STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS, LATEST EDITION (SSWS) FOR SANITARY SEWER AND WATER MAIN CONSTRUCTION; * THE METROPOLITAN WATER RECLAMATION DISTRICT OF GREATER CHICAGO (MWRD) WATERSHED MANAGEMENT ORDINANCE AND TECHNICAL GUIDANCE MANUAL; * IN CASE OF CONFLICT BETWEEN THE APPLICABLE ORDINANCES NOTED, THE MORE STRINGENT SHALL TAKE PRECEDENCE AND SHALL CONTROL ALL CONSTRUCTION.	DUCTILE IRON PIPE	ANSI A21.51	ANSI A21.11	DISTURBANCE OF THE SITE.
 * IN CASE OF CONFLICT BETWEEN THE APPLICABLE ORDINANCES NOTED, THE MORE STRINGENT SHALL TAKE PRECEDENCE AND SHALL CONTROL ALL CONSTRUCTION. 	POLYVINYL CHLORIDE (PVC) PIPE 6-INCH TO 15-INCH DIAMETER SDR 26	ASTM D-3034	ASTM D-3212	3. ALL DESIGN CRITERIA, SPECIFICATIONS, AND INSTALLATION OF EROSION PRACTICES SHALL BE IN ACCORDANCE WITH THE ILLINOIS URBAN MANUA
	18-INCH TO 27-INCH DIAMETER F/DY=4	6 ASTM F-679	ASTM D-3212	 A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN SHAL SITE AT ALL TIMES.
B. NOTIFICATIONS 1. THE MWRD LOCAL SEWER SYSTEMS SECTION FIELD OFFICE MUST BE NOTIFIED AT LEAST TWO (2) WORKING	HIGH DENSITY POLYETHYLENE (HDPE) WATER MAIN QUALITY PVC	ASTM D-3350 ASTM D-3035	ASTM D-3261,F-2620 (HEAT FUSION) ASTM D-3212,F-477 (GASKETED)	5. INSPECTIONS AND DOCUMENTATION SHALL BE PERFORMED, AT A MINIMU a) UPON COMPLETION OF INITIAL EROSION AND SEDIMENT CONTROL N
DAYS PRIOR TO THE COMMENCEMENT OF ANY WORK (CALL 708-588-4055).	4-INCH TO 36-INCH 4-INCH TO 12-INCH	ASTM D-2241 AWWA C900	ASTM D-3139 ASTM D-3139	SOIL DISTURBANCE, b) ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF
2. THE ILLINOIS DEPARTMENT OF TRANSPORTATION AND PUBLIC MUST BE NOTIFIED AT LEAST 24 HOURS PRIOR TO THE START OF CONSTRUCTION AND PRIOR TO EACH PHASE OF WORK. CONTRACTOR SHALL DETERMINE ITEMS REQUIRING INSPECTION PRIOR TO START OF CONSTRUCTION OR EACH WORK PHASE.	14-INCH TO 48-INCH	AWWA C905	ASTM D-3139	WITH GREATER THAN 0.5 INCH OF RAINFALL OR LIQUID EQUIVALENT
3. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES PRIOR TO BEGINNING CONSTRUCTION FOR THE	THE FOLLOWING MATERIALS ARE ALLOW APPROVAL PRIOR TO PERMIT ISSUANCE. THE PIPE MATERIAL BELOW IS USED FOR	A SPECIAL CONDITION WI	LL BE ADDED TO THE PERMIT WHEN	6. SOIL DISTURBANCE SHALL BE CONDUCTED IN SUCH A MANNER AS TO MIN IF STRIPPING, CLEARING, GRADING, OR LANDSCAPING ARE TO BE DONE I SHALL PLAN FOR APPROPRIATE SOIL EROSION AND SEDIMENT CONTROL I
EXACT LOCATIONS OF UTILITIES AND FOR THEIR PROTECTION DURING CONSTRUCTION, IF EXISTING UTILITIES ARE ENCOUNTERED THAT CONFLICT IN LOCATION WITH NEW CONSTRUCTION, IMMEDIATELY NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED CALL J.U.L.IE. AT 1-800-892-0123.		CONSTRUCTION Q	KA CONNECTION IS PADE.	7. A STABILIZED MAT OF CRUSHED STONE MEETING THE STANDARDS OF TH SHALL BE INSTALLED AT ANY POINT WHERE TRAFFIC WILL BE ENTERING
C. GENERAL NOTES	PIPE MATERIAL POLYPROPYLENE (PP) PIPE	PIPE SPECIFICATIONS	JOINT SPECIFICATIONS	SITEL SEDIMENT OR SOIL REACHING AN IMPROVED PUBLIC RIGHT-OF-WAY AREA SHALL BE REMOVED BY SCRAPING OR STREET CLEANING AS ACCUM
1. ALL ELEVATIONS SHOWN ON PLANS REFERENCE THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).	12-INCH TO 24-INCH DOUBLE WALL	ASTM F-2736	D-3212, F-477	TRANSPORTED TO A CONTROLLED SEDIMENT DISPOSAL AREA,
2. MWRD, THE MUNICIPALITY AND THE OWNER OR OWNER'S REPRESENTATIVE SHALL HAVE THE AUTHORITY TO INSPECT, APPROVE, AND REJECT THE CONSTRUCTION IMPROVEMENTS.	30-INCH TO 60-INCH TRIPLE WALL	ASTM F-2764	03212, F-477	 CONCRETE WASHOUT FACTLITTES SHALL BE CONSTRUCTED IN ACCORDAN URBAN MANUAL AND SHALL BE INSTALLED PRIOR TO ANY ON SITE CONST CONCRETE.
3. THE CONTRACTOR(S) SHALL INDEMNIFY THE OWNER, ENGINEER, MUNICIPALITY, MWRD, AND THEIR AGENTS, ETC., FROM ALL LIABILITY INVOLVED WITH THE CONSTRUCTION, INSTALLATION, OR TESTING OF THIS WORK ON THE PROJECT.				9. MORTAR WASHOUT FACILITIES SHALL BE CONSTRUCTED IN ADDITION TO FACILITIES FOR ANY BRICK AND MORTAR BUILDING ENVELOPE CONSTRU
4. THE PROPOSED IMPROVEMENTS MUST BE CONSTRUCTED IN ACCORDANCE WITH THE ENGINEERING PLANS	8. ALL SANITARY SEWER CONSTRUCTION	AND STORM SEWER CON	STRUCTION IN COMBINED SEWER AREAS), IN MINIMUM BEDDING THICKNESS EQUAL	10. TEMPORARY DIVERSIONS SHALL BE CONSTRUCTED AS NECESSARY TO D HYDROLOGICALLY DISTURBED AREAS TO AN APPROPRIATE SEDIMENT TI
AS APPROVED BY MWRD AND THE MUNICIPALITY UNLESS CHANGES ARE APPROVED BY MWRD, THE MUNICIPALITY, OR AUTHORIZED AGENT. THE CONSTRUCTION DETAILS, AS PRESENTED ON THE PLANS, MUST	TO ¼ THE OUTSIDE DIAMETER OF TH THAN EIGHT (8) INCHES, MATERIAL S	IE SEWER PIPE, BUT NOT LI HALL BE CA-7, CA-11 OR CA	SS THAN FOUR (4) INCHES NOR MORE -13 AND SHALL BE EXTENDED AT LEAST 12"	CONTROL FACILITIES SHALL, NOT BE USED AS TEMPORARY SEDIMENT BA
BE FOLLOWED. PROPER CONSTRUCTION TECHNIQUES MUST BE FOLLOWED ON THE IMPROVEMENTS INDICATED ON THE PLANS. 5. THE LOCATION OF VARIOUS UNDERGROUND UTILITIES WHICH ARE SHOWN ON THE PLANS ARE FOR	ABOVE THE TOP OF THE PIPE WHEN I 9. NON-SHEAR FLEXIBLE-TYPE COUPLING		CONNECTION OF SEWER PIPES	 DISTURBED AREAS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAT PERMANENTLY CEASED SHALL BE STABILIZED WITH TEMPORARY OR PER SEVEN (7) DAYS.
INFORMATION ONLY AND REPRESENT THE BEST KNOWLEDGE OF THE ENGINEER. VERIFY LOCATIONS AND ELEVATIONS PRIOR TO BEGINNING THE CONSTRUCTION OPERATIONS.	OF DISSIMILAR PIPE MATERIALS. 10. ALL MANHOLES SHALL BE PROVIDED	WITH BOLTED. WATERTIG	IT COVERS, SANITARY LIDS SHALL BE	 ALL FLOOD PROTECTION AREAS AND VOLUME CONTROL FACILITIES SHAL PROTECTED WITH A DOUBLE-ROW OF SILT FENCE (OR EQUIVALENT).
6. ANY EXISTING PAVEMENT, SIDEWALK, DRIVEWAY, ETC., DAMAGED DURING CONSTRUCTION OPERATIONS AND NOT CALLED FOR TO BE REMOVED SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.	CONSTRUCTED WITH A CONCEALED CAST INTO THE LID.	PICKHOLE AND WATERTIGH	IT GASKET WITH THE WORD "SANITARY"	14. VOLUME CONTROL FACILITIES SHALL NOT BE CONSTRUCTED UNTIL ALL DRAINAGE AREA HAS BEEN STABILIZED.
 MATERIAL AND COMPACTION TESTING SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE MUNICIPALITY, MYRD, AND OWNER. 	11. WHEN CONNECTING TO AN EXISTING AN EXISTING MANHOLE, ONE OF TH a) & CIRCULAR SAW-CUT OF SEWE	E FOLLOWING METHODS SH	THER THAN AN EXISTING WYE, TEE, OR IALL BE USED: ["SHEWER-TAP" MACHINE OR SIMILAR)	 SOIL STOCKPILES SHALL, AT A MINIMUM, BE PROTECTED WITH PERIME SOIL STOCKPILES SHALL NOT BE PLACED IN FLOOD PROTECTION AREAS
 THE UNDERGROUND CONTRACTOR SHALL MAKE ALL NECESSARY ARRANGEMENTS TO NOTIFY ALL INSPECTION AGENCIES. 	AND PROPER INSTALLATION OF b) REMOVE AN ENTIRE SECTION O	HUBWYE SADDLE OR HUB- F PIPE (BREAKING ONLY TH	E TOP OF ONE BELL) AND REPLACE WITH	16. EARTHEN EMBANKMENT SIDE SLOPES SHALL BE STABILIZED WITH APPR BLANKET.
ALL NEW AND EXISTING UTILITY STRUCTURES ON SITE AND IN AREAS DISTURBED DURING CONSTRUCTION	A WYE OR TEE BRANCH SECTIO c) WITH PIPE CUTTER, NEATLY AN OF PROPER FITTING, USING "BA	D ACCURATELY CUT OUT DE	SIRED LENGTH OF PIPE FOR INSERTION PLINGS TO HOLD IT FIRMLY IN PLACE.	17. STORM SEWERS THAT ARE OR WILL BE FUNCTIONING DURING CONSTRU
SHALL BE ADJUSTED TO FINISH GRADE PRIOR TO FINAL INSPECTION. RECORD DRAWINGS SHALL BE KEPT BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER AS SOON AS	12. WHENEVER A SANITARY/COMBINED	SEWER CROSSES UNDER A	WATERMAIN, THE MINIMUM VERTICAL	BY APPROPRIATE SEDIMENT CONTROL MEASURES. 18. THE CONTRACTOR SHALL EITHER REMOVE OR REPLACE ANY EXISTING D
UNDERGROUND IMPROVEMENTS ARE COMPLETED, FINAL PAYMENTS TO THE CONTRACTOR SHALL BE HELD UNTIL THEY ARE RECEIVED, ANY CHANGES IN LENGTH, LOCATION OR ALIGNMENT SHALL BE SHOWN IN RED.	FURTHERMORE, A MINIMUM HORIZO SEWERS AND WATERMAINS SHALL, B	NTAL DISTANCE OF 10 FEE	THE WATERMAIN SHALL BE 18 INCHES. F BETWEEN SANITARY/COMBINED E SEWER IS LAID IN A SEPARATE	THEM INTO THE DRAINAGE PLAN FOR THE DEVELOPMENT. DRAIN TILES SANITARY OR COMBINED SEWER. DRAIN TILES ALLOWED IN COMBINE GREEN INFRASTRUCTURE PRACTICES.
ALL WYES OR BENDS SHALL BE LOCATED FROM THE DOWNSTREAM MANHOLE. ALL VALVES, B-BOXES, TEES OR BENDS SHALL BE TIED TO A FIRE HYDRANT.	TRENCH, KEEPING A MINIMUM 18" V TRENCH WITH THE WATERMAIN LOC	ERTICAL SEPARATION; OR ATED AT THE OPPOSITE SI	THE SEWER IS LAID IN THE SAME DE ON A BENCH OF UNDISTURBED	
D SANITARY SEWED	EARTH, KEEPING A MINIMUM 18" VE DISTANCES DESCRIBED CANNOT BE THE SEWER SHALL BE CONSTRUCTED	MAINTAINED, OR THE SEW	THER THE VERTICAL OR MORIZONTAL ER CROSSES ABOVE THE WATER MAIN, RDS OR IT SHALL BE ENCASED WITH A	 IF DEWATERING SERVICES ARE USED, ADJOINING PROPERTIES AND DIS BE PROTECTED FROM EROSION AND SEDIMENTATION. DEWATERING SY DAILY DURING OPERATIONAL PERIODS. THE SITE INSPECTOR MUST BE
2. SANTARY SEVER THE CONTRACTOR SHALL TAKE MEASURES TO PREVENT ANY POLLUTED WATER, SUCH AS GROUND AND SURFACE WATER, FROM ENTERING THE EXISTING SANITARY SEWERS.	WATER MAIN QUALITY CARRIER PIP	WITH THE ENDS SEALED.		COMMENCEMENT OF DEWATERING ACTIVITIES,
A WATER-TIGHT PLUG SHALL BE INSTALLED IN THE DOWNSTREAM SEWER PIPE AT THE POINT OF SEWER CONNECTION THE PLUG SHALL REMAIN IN PLACE	13. ALL EXISTING SEPTIC SYSTEMS SHAI GRANULAR MATERIAL OR REMOVED,	II. BE ABANDONED. ABANDO	INED TANKS SHALL BE FILLED WITH	 THE CONTRCTOR SHALL BE RESPONSIBLE FOR TRENCH DEWATERING AN INSTALLATION OF SANITARY SEWERS, STORM SEWERS, WATERMAINS A AND OTHER APPURTENANCES, ANY TRENCH DEWATERING, WHICH CON
UNTIL REMOVAL IS AUTHORIZED BY THE MUNICIPALITY AND/OR MWRD AFTER THE SEWERS HAVE BEEN TESTED AND ACCEPTED.	14. ALL SANITARY MANHOLES, (AND STO MINIMUM INSIDE DIAMETER OF 48 I CONCRETE.	ORM MANHOLES IN COMBIN NCHES, AND SHALL BE CAS	ED SEWER AREAS), SHALL HAVE A I IN PLACE OR PRE-CAST REINFORCED	THROUGH A SEDIMENT SETTLING POND OR EQUALLY EFFECTIVE SEDIM ALTERNATIVES MAY INCLUDE DEWATERING INTO A SUMP PIT, FILTER B UPSLOPE AREA. SEDIMENT LADEN WATERS SHALL NOT BE DISCHARGE 1
I. DISCHARGING ANY UNPOLLUTED WATER INTO THE SANITARY SEWER SYSTEM FOR THE PURPOSE OF SEWER RUSHING OF LINES FOR THE DEFLECTION TEST SHALL BE PROHIBITED WITHOUT PRIOR APPROVAL FROM THE MUNICIPALITY OR MWRD.	15. ALL SANITARY MANHOLES, (AND STO			PROTECTION AREAS OR THE COMBINED SEWER SYSTEM, 21. ALL PERMANENT EROSION CONTROL PRACTICES SHALL BE INITIATED W
ALL SANITARY SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS	PRECAST "RUBBER BOOTS" THAT CO SECTIONS SHALL CONSIST OF MODI	FIED GROOVE TONGUE AND	RUBBER GASKET TYPE JOINTS.	FOLLOWING THE COMPLETION OF SOIL DISTURBING ACTIVITIES. 22. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAIN
FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS (LATEST EDITION).	16. ALL ABANDONED SANITARY SEWERS NON-SHRINK CONCRETE OR MORTAL	R PLUG.		ON A YEAR-ROUND BASIS DURING CONSTRUCTION AND ANY PERIODS O UNTIL PERMANENT STABILIZATION IS ACHIEVED.
 ALL FLOOR DRAINS SHALL DISCHARGE TO THE SANITARY SEWER SYSTEM. ALL DOWNSPOUTS AND FOOTING DRAINS SHALL DISCHARGE TO THE STORM SEWER SYSTEM. 	ASSOCIATED WITH VOLUME CONTRO	DL FACILITIES, DRAIN TILES	TECT BUILDINGS, OR PERFORATED PIPES	23. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL I THIRTY (30) DAYS AFTER PERMANENT SITE STABILIZATION.
7. ALL SANITARY SEWER PIPE MATERIALS AND JOINTS (AND STORM SEWER PIPE MATERIALS AND JOINTS	SEWERS, OR STORM SEWERS TRIBU	TARY TO COMBINED SEWER	Y TO COMBINED SEWERS, SANITARY IS IN COMBINED SEWER AREAS. FED; AND ALL EXISTING DRAIN TILES AND	24. THE EROSION AND SEDIMENT CONTROL MEASURES SHOWN ON THE PLA REQUIREMENTS. ADDITIONAL MEASURES MAY BE REQUIRED, AS DIRECT
IN A COMBINED SEWER AREA) SHALL CONFORM TO THE FOLLOWING:	PERFORATED PIPES ENCOUNTERED SHALL NOT BE CONNECTED TO COM	WITHIN THE PROJECT AREA	SHALL BE PLUGGED OR REMOVED, AND SEWERS, OR STORM SEWERS TRIBUTARY	SITE INSPECTOR, OR MWRD.
	TO COMBINED SEWERS.	ED FOR ALL DETENTION 84	SINS TRIBUTARY TO COMBINED SEWERS.	
	REQUIRED BACKFLOW PREVENTERS OWNER TO ENSURE PROPER OPERA	SHALL BE INSPECTED AND TION, AND ANY NECESSARY	EXERCISED ANNUALLY BY THE PROPERTY MAINTENANCES SHALL BE PERFORMED TO	
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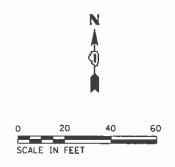
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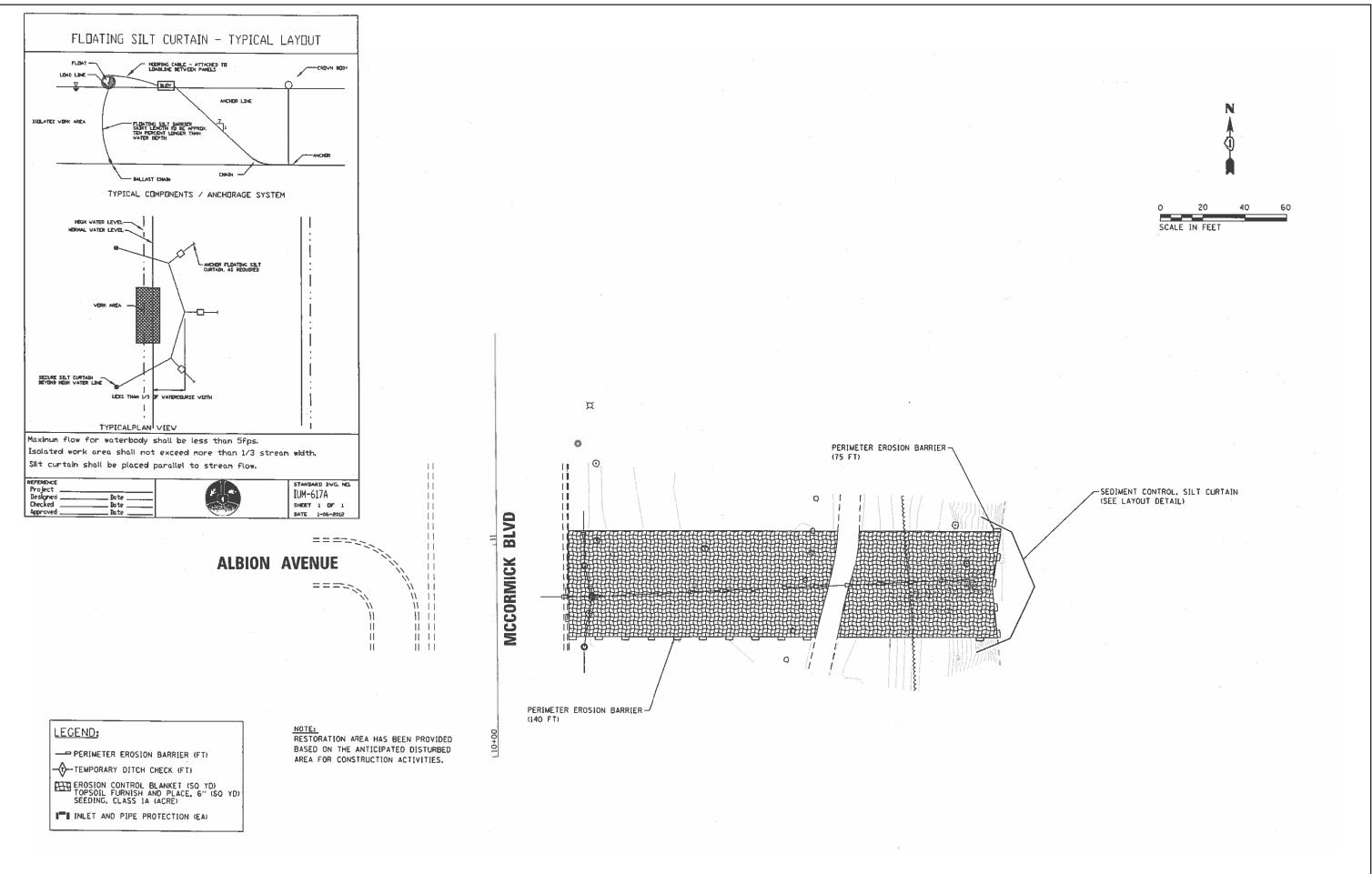
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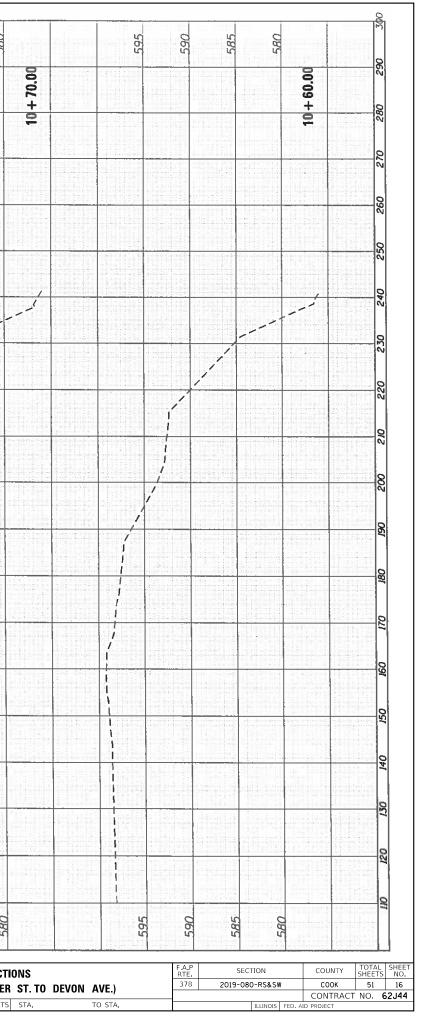


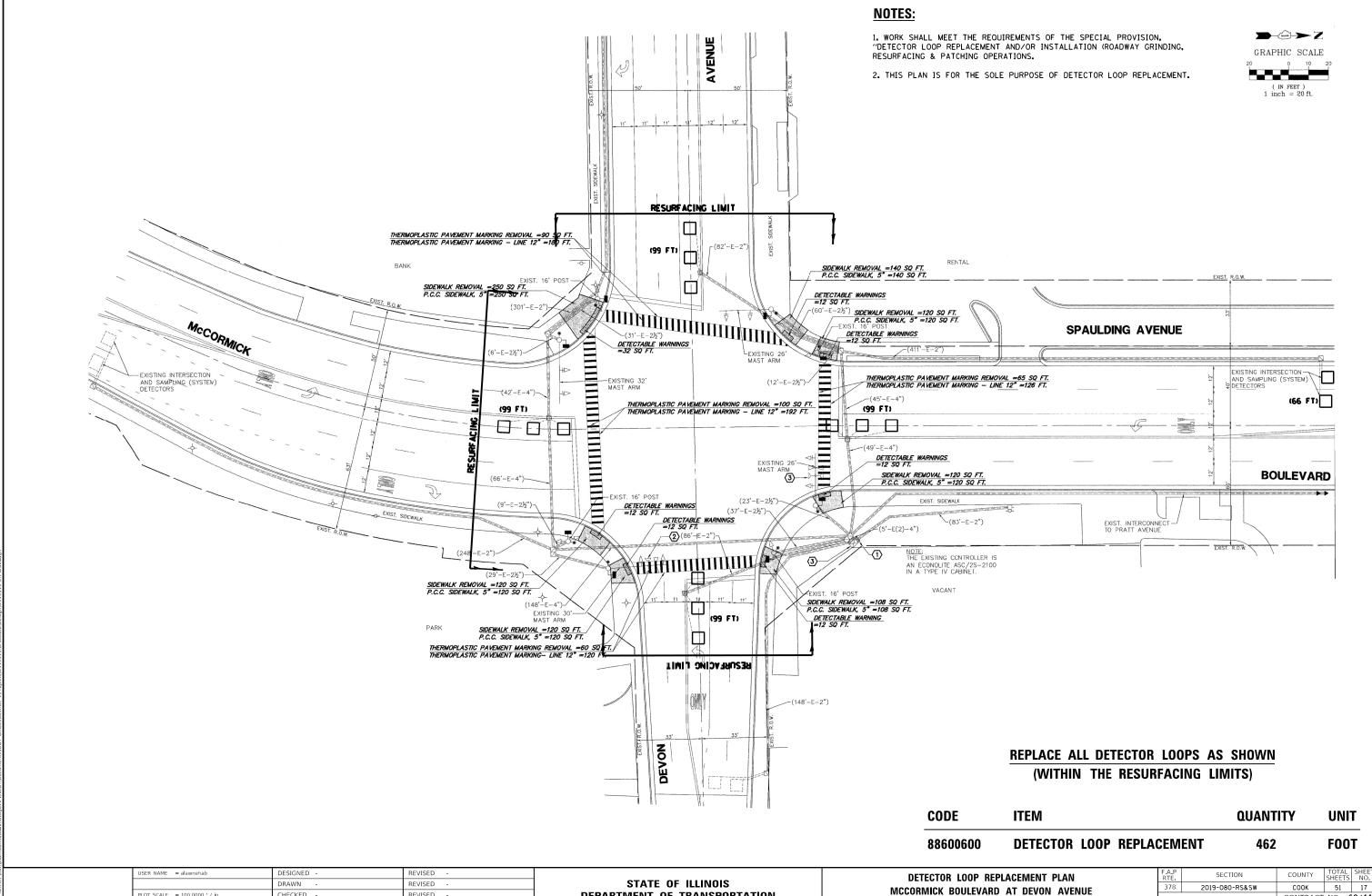
Md	-	USER NAME = alawnehab	DESIGNED -	REVISED -				EROSIO	N CONTROL PLAN		F A P BTF	SECTION	COUNTY	TOTAL	SHEET NO.
AME	-		DRAWN -	REVISED -	STATE OF ILLINOIS				ORMICK BLVD.		378	2019-080-RS&SW	соок	51	15
2	_	PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION			INICO	UNIVIECK BLVD.				CONTRACT	T NO. 6	52J44
Ĩ		PLOT DATE = 12/13/2019	DATE -	REVISED -		SCALE: 1"= 20'	SHEET	OF	SHEETS STA.	TO STA.		ILLINOIS FED. A	AID PROJECT		

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	USER NAME = alawnehab PLOT SCALE = 100.0000 ' / in.	DESIGNED - DRAWN - CHECKED -	REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SEC MCCORMICK BLVD. (DEMPSTE

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CONTRACT NO. 62J44

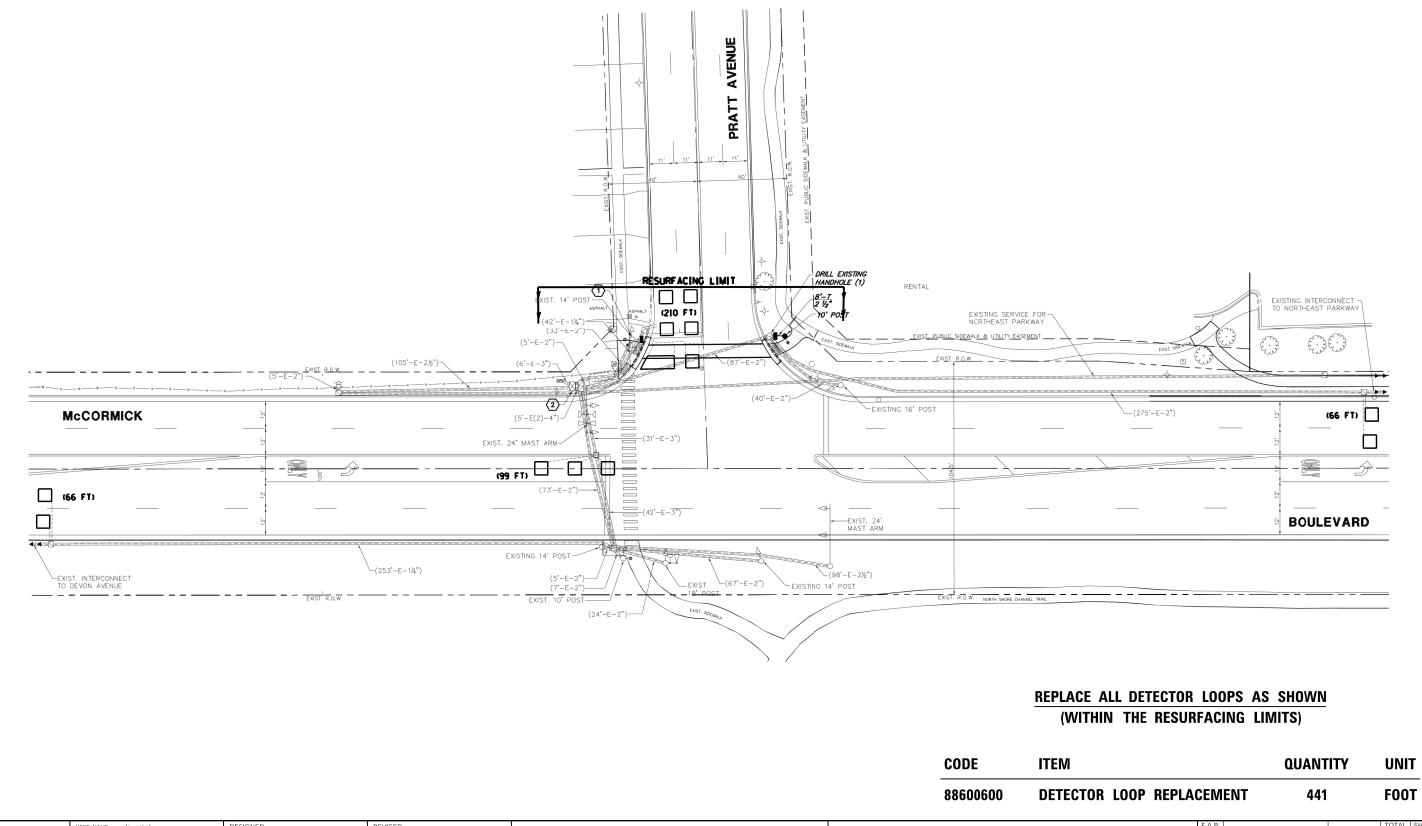
TO STA

USER NAME = alawnehab	DESIGNED - DRAWN -	REVISED - REVISED -	STATE OF ILLINOIS	_		R LOOP REP	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION	N	ICCORMICK	BOULEVARD	AT DEVO
PLOT DATE = 12/13/2019	DATE -	REVISED -		SCALE: 1"= 50'	SHEET	OF SHEE	rs sta.

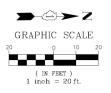
NOTES:

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.



USER NAME = alawnehab	DESIGNED - DRAWN -	REVISED - REVISED -	STATE OF ILLINOIS		DETECTO		
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PLOT DATE = 12/13/2019	DATE -	REVISED -		SCALE: 1"= 50'	SHEET	OF	SHEETS
						-	-

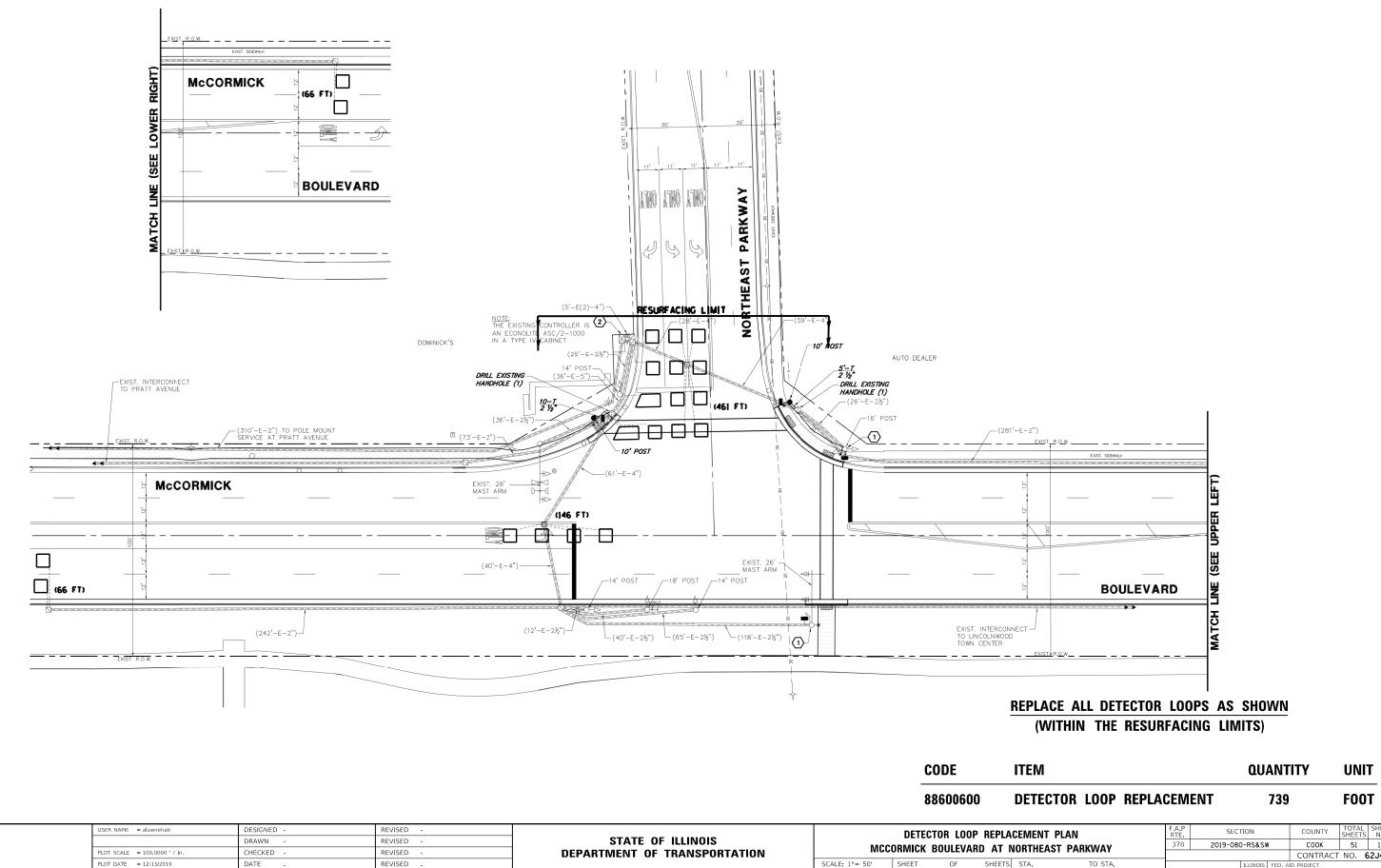


HEE NO. SECTION COUNTY LACEMENT PLAN SHEETS 2019-080-RS&SW СООК 51 18 378 AT PRATT AVENUE CONTRACT NO 62J44 S STA. TO STA.

NOTES:

RESURFACING & PATCHING OPERATIONS.

2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.



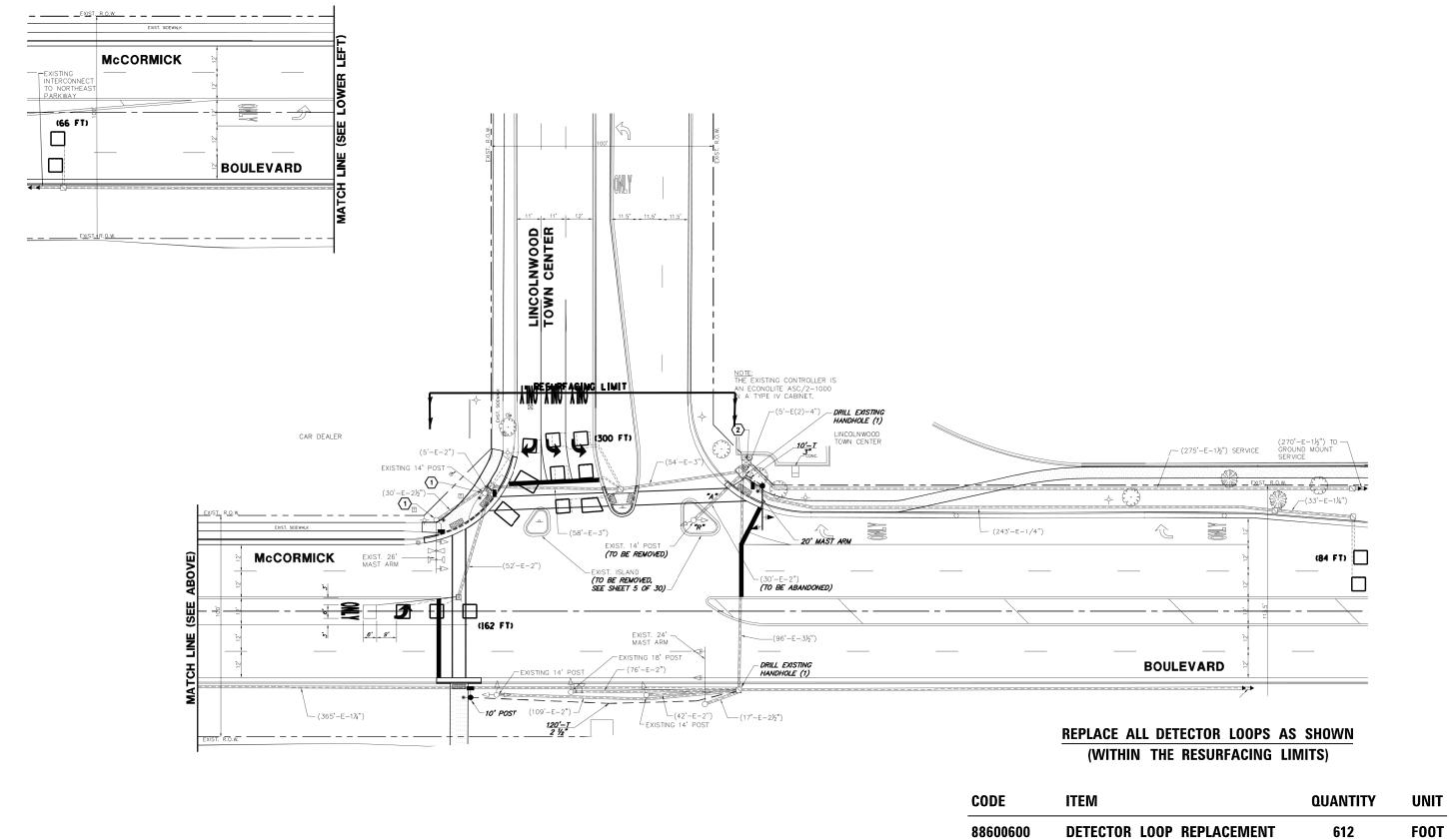
1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING,

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20	P	10	20
	IN FEET		

SHEE NO СООК 51 19 CONTRACT NO. 62J44 TO STA

NOTES:

1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING, RESURFACING & PATCHING OPERATIONS.

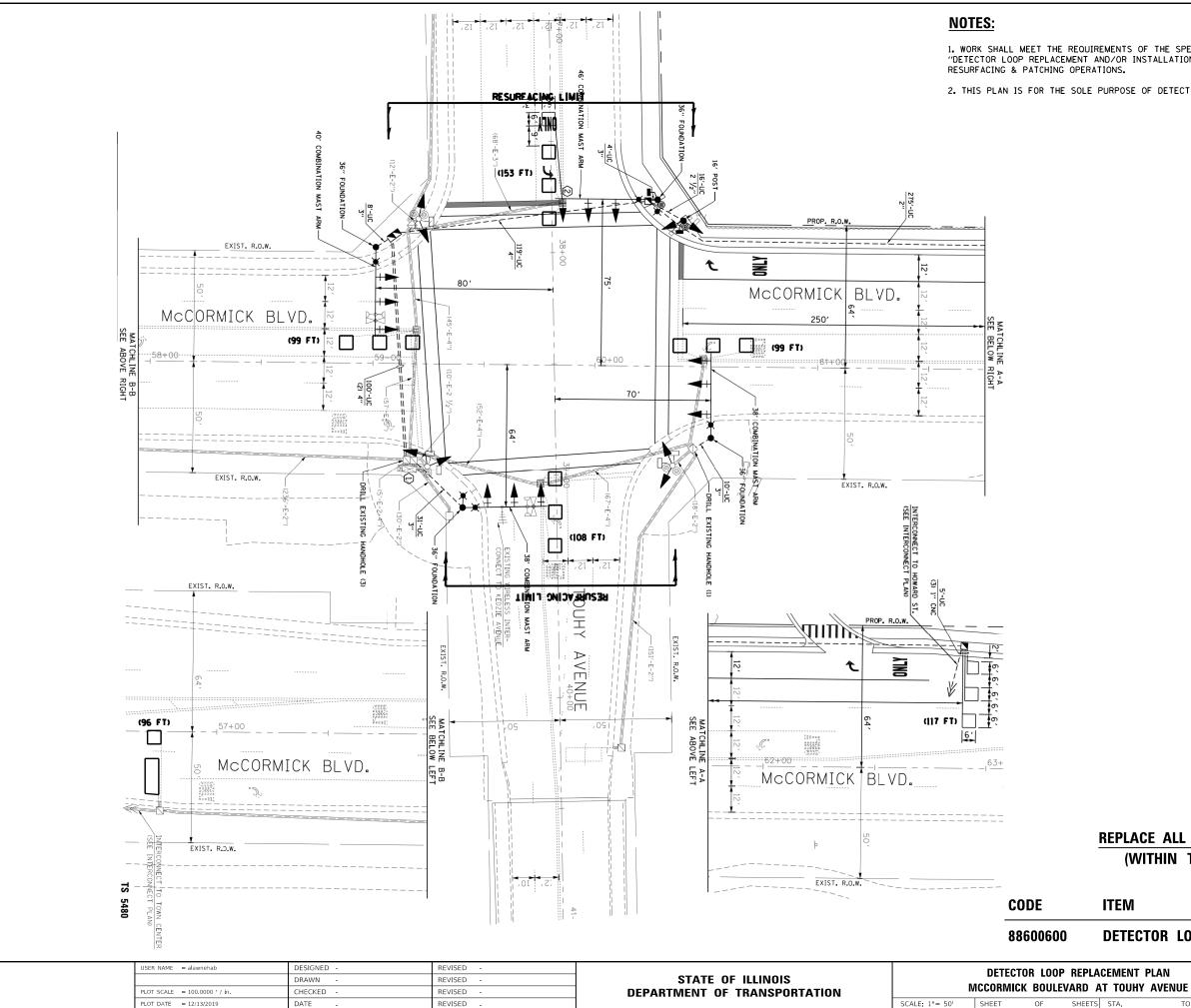


	DESIGNED - DRAWN -	REVISED - REVISED -	STATE OF ILLINOIS	MCCORM	DETECTOR		REPLA
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION	Meeenim	ION DOULLY		
PLOT DATE = 12/13/2019	DATE -	REVISED -		SCALE: 1"= 50'	SHEET	OF	SHEETS

D-⊖→Z GRAPHIC SCALE (IN FEET)1 inch = 20 ft.

2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.

HEE NO. SECTION COUNTY LACEMENT PLAN HEETS СООК 51 20 378 2019-080-RS&SW ICOLNWOOD TOWN CENTER CONTRACT NO. 62J44 TS STA. TO STA.



1. WORK SHALL MEET THE REQUIREMENTS OF THE SPECIAL PROVISION, "DETECTOR LOOP REPLACEMENT AND/OR INSTALLATION (ROADWAY GRINDING,

2. THIS PLAN IS FOR THE SOLE PURPOSE OF DETECTOR LOOP REPLACEMENT.

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

ITEM

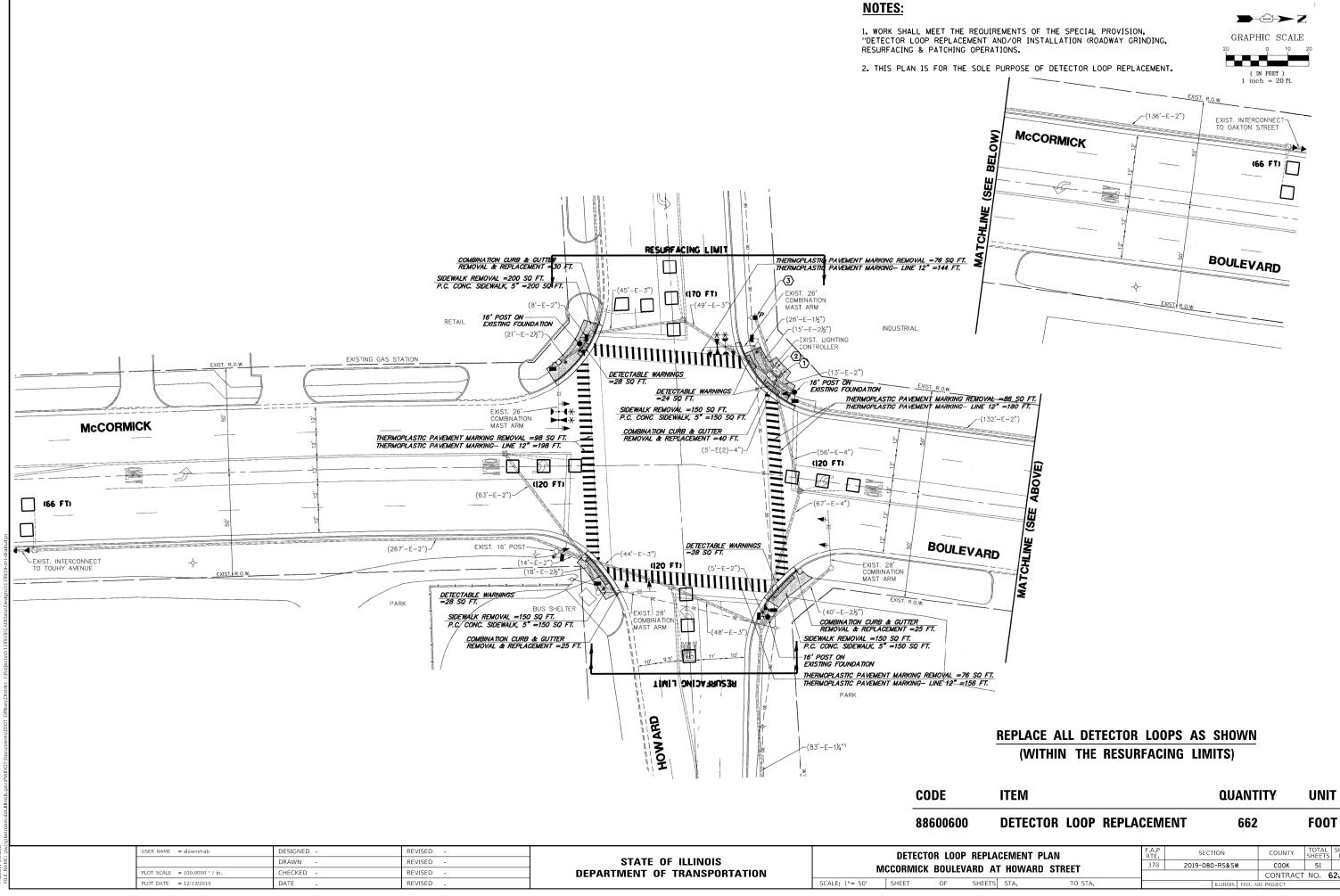
QUANTITY

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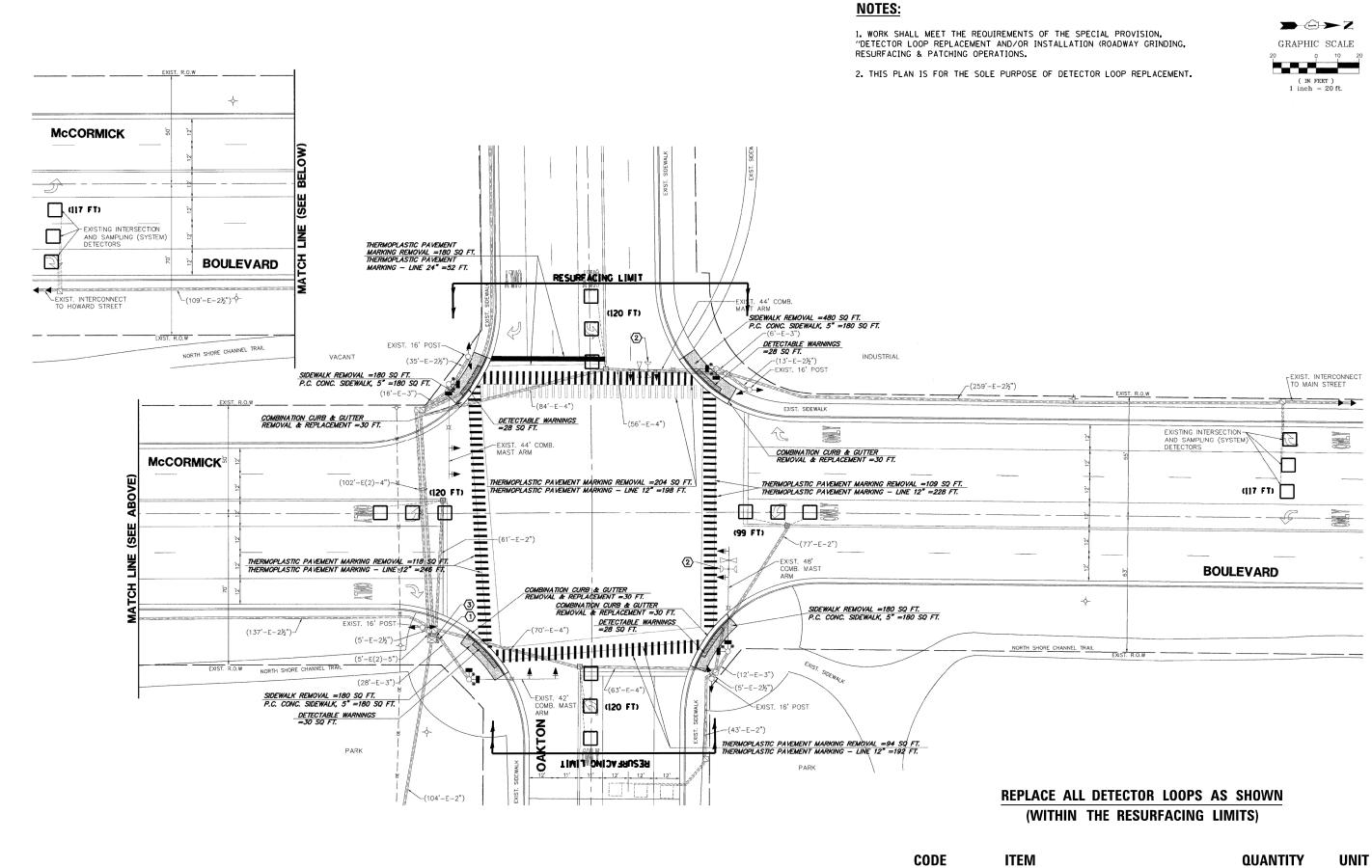
UNIT FOOT

DETECTOR LOOP REPLACEMENT

SECTION COUNTY HEETS NO 2019-080-RS&SW СООК 51 21 378 CONTRACT NO. 62J44 TO STA.

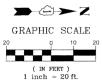


NO HEETS 51 22 CONTRACT NO 62J44



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USER NAME = alawnehab	DESIGNED -	REVISED -			DETECTO		REPLAC
	DRAWN -	REVISED -	STATE OF ILLINOIS				
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PLOT DATE = 12/13/2019	DATE -	REVISED -		SCALE: 1"= 50'	SHEET	OF	SHEETS

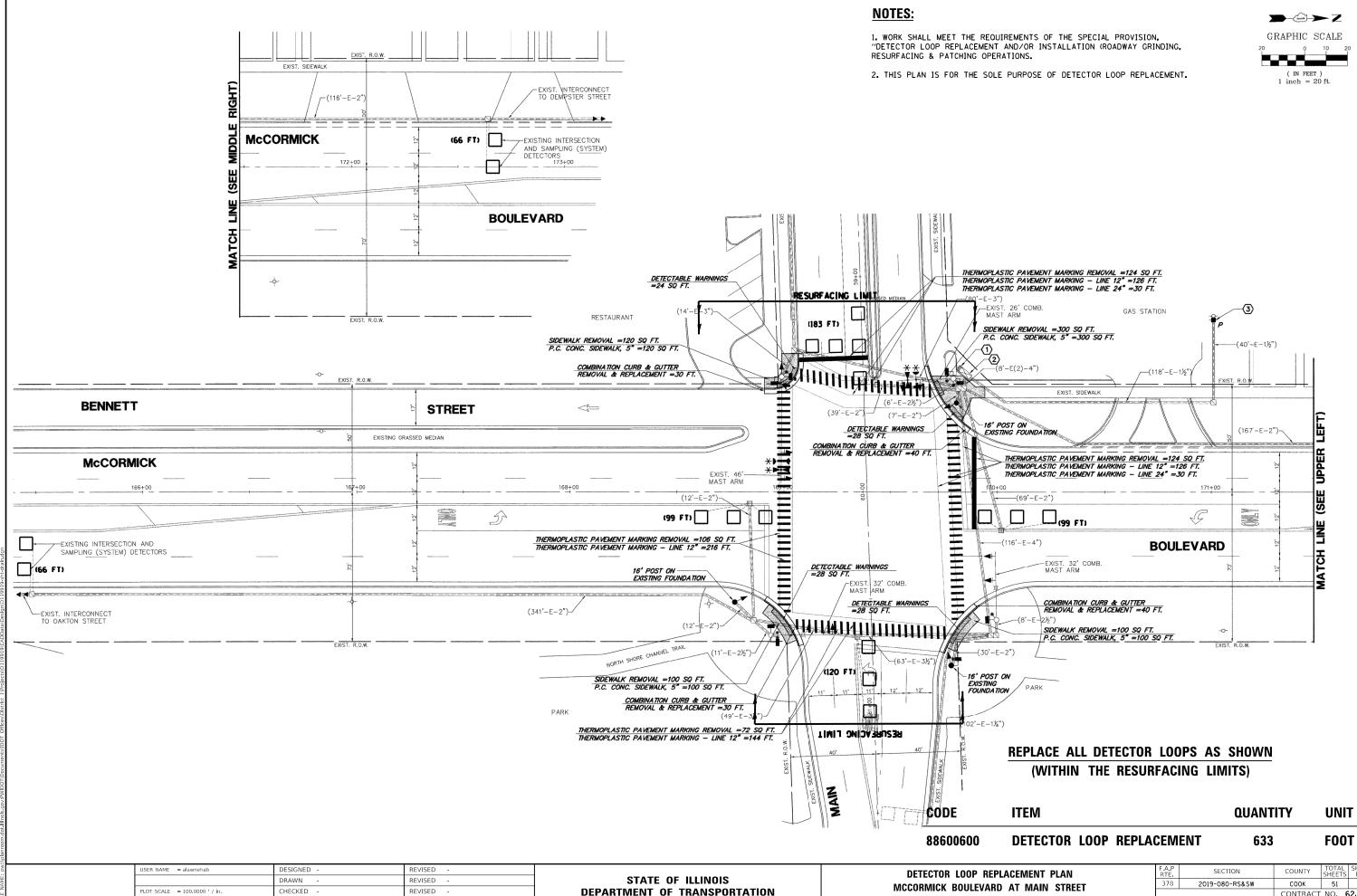


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FOOT

DETECTOR LOOP REPLACEMENT

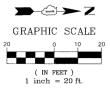
SECTION COUNTY ACEMENT PLAN HEETS NO 378 2019-080-RS&SW COOK 51 23 AT OAKTON STREET CONTRACT NO 62J44 STA. TO STA



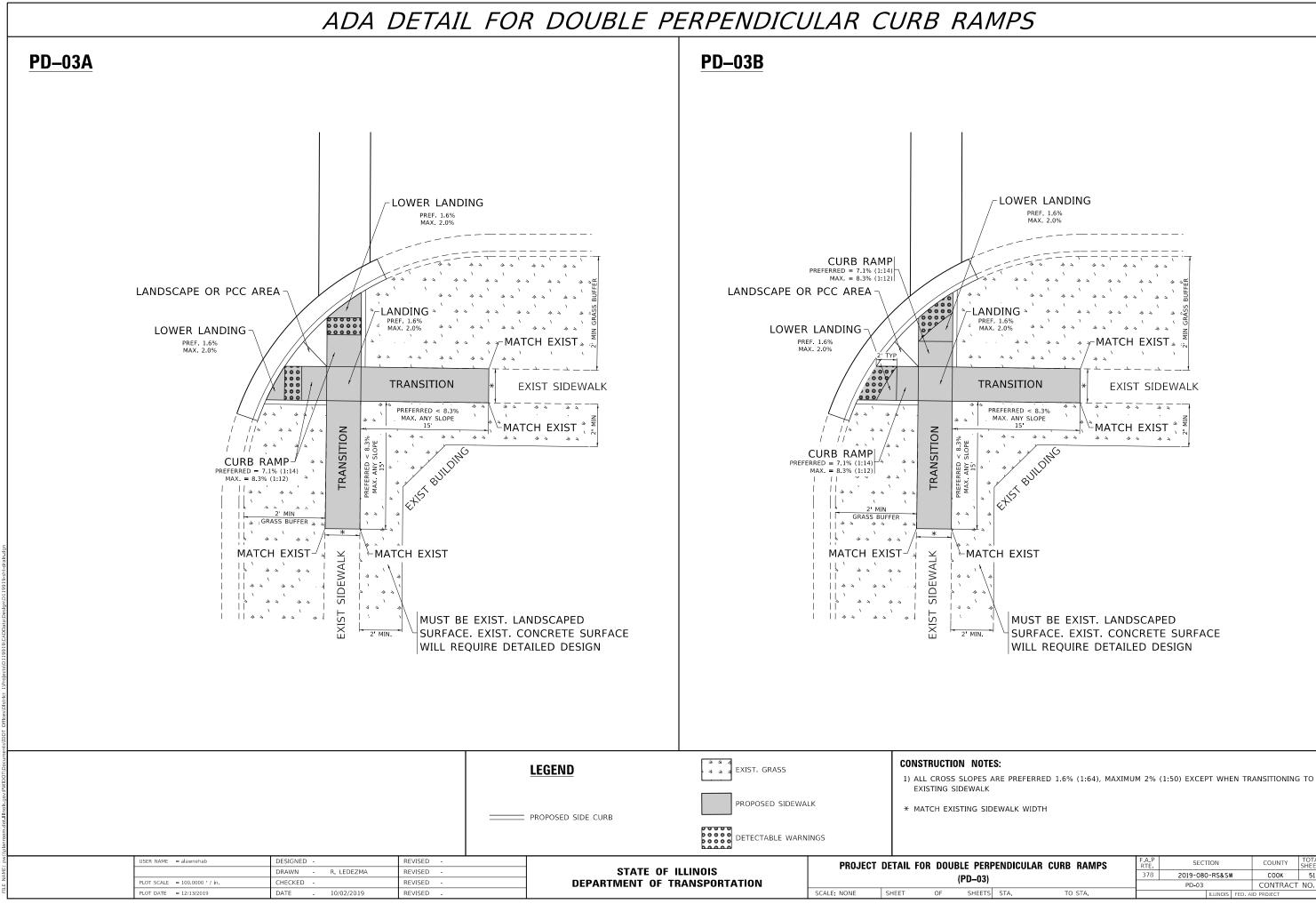
LOT DATE = 12/13/2019

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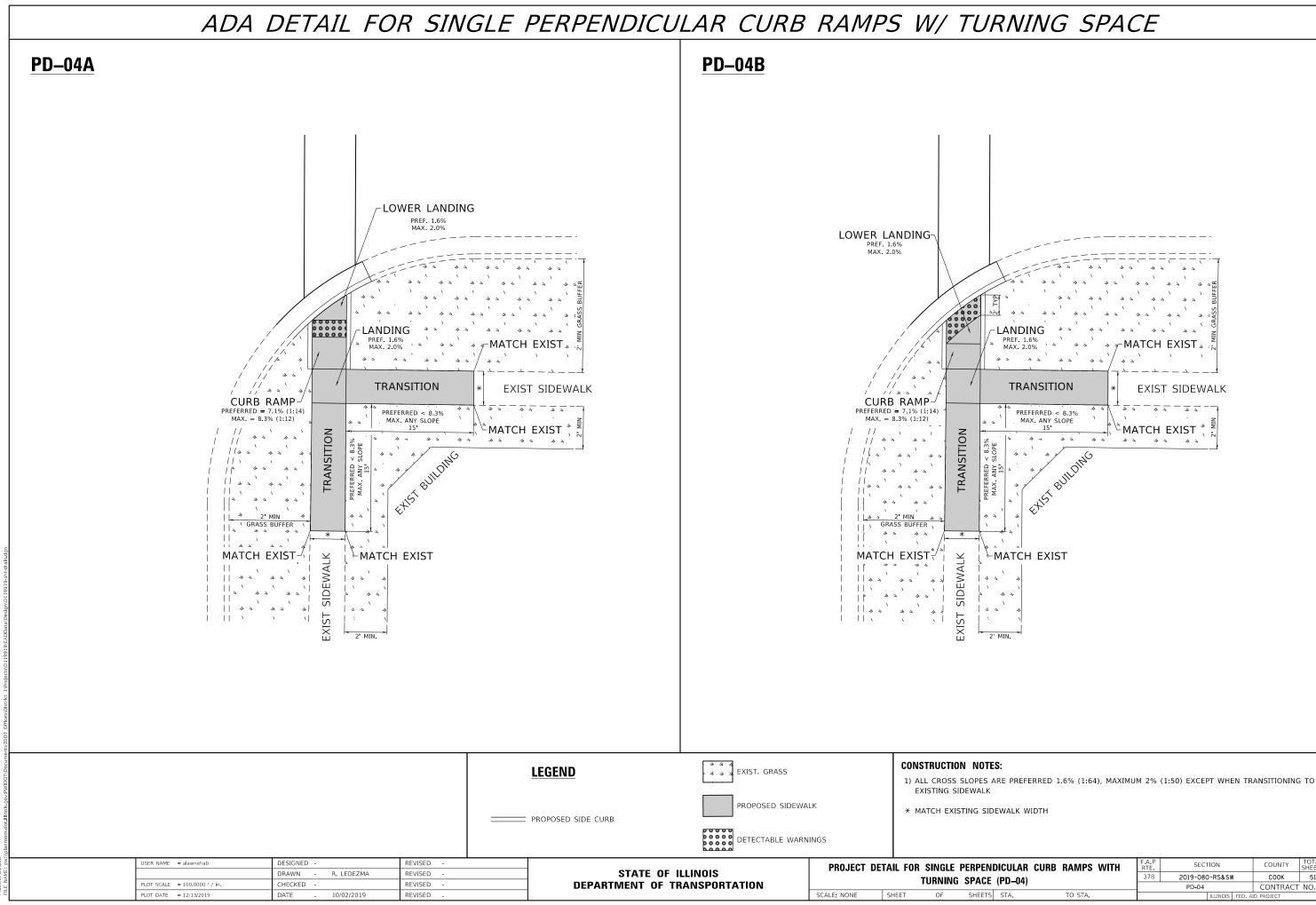
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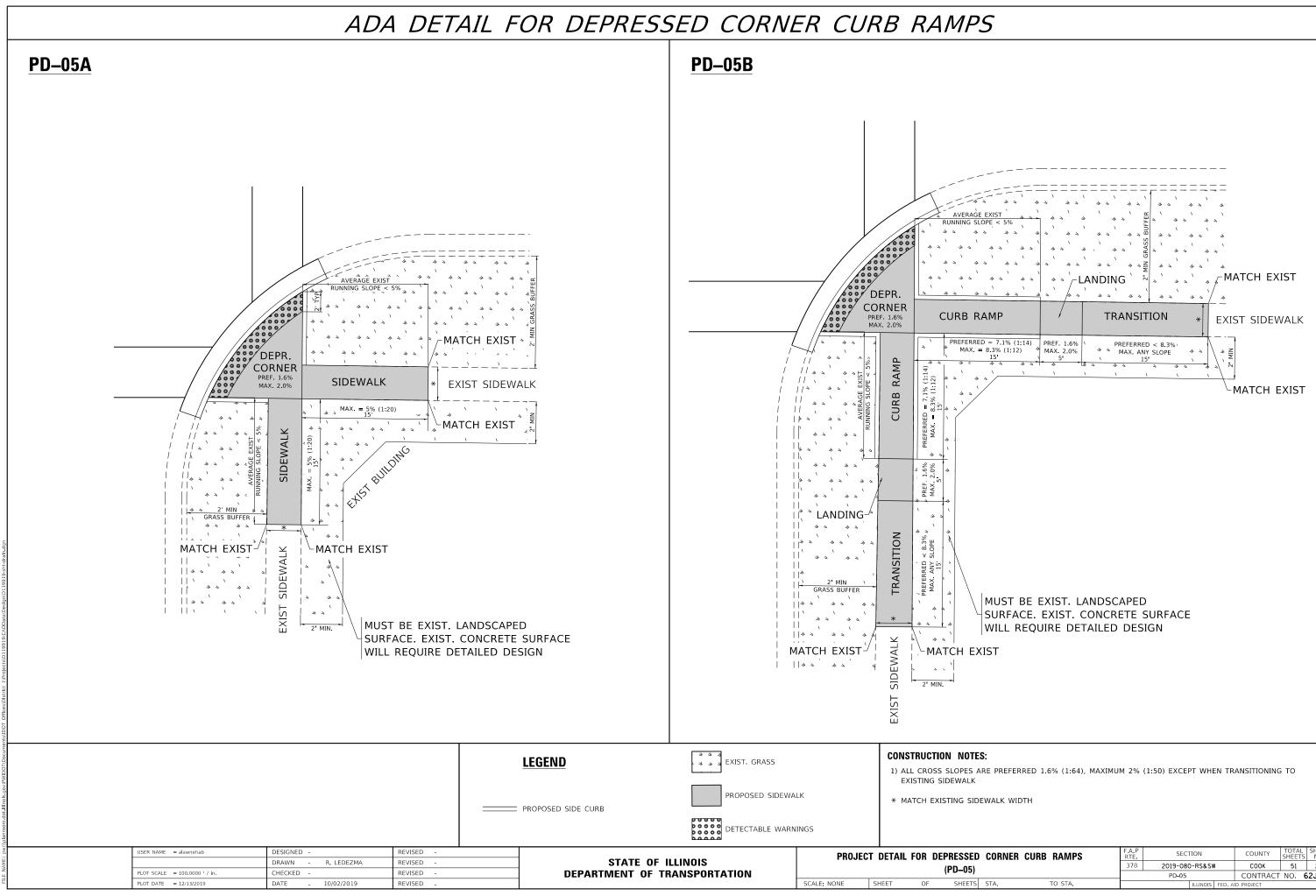
LA	CEMENT	PLAN	F.A.P RTE	SEC	FION		COUNTY	TOTAL SHEETS	SHEET NO.
) AT MAIN STREET		378 2019-080-RS&			V	СООК	51	24	
	AI MAIN STREET						CONTRACT	NO. 6	52J44
TS	STA.	TO STA.			ILLINOIS	FED. A	ID PROJECT		



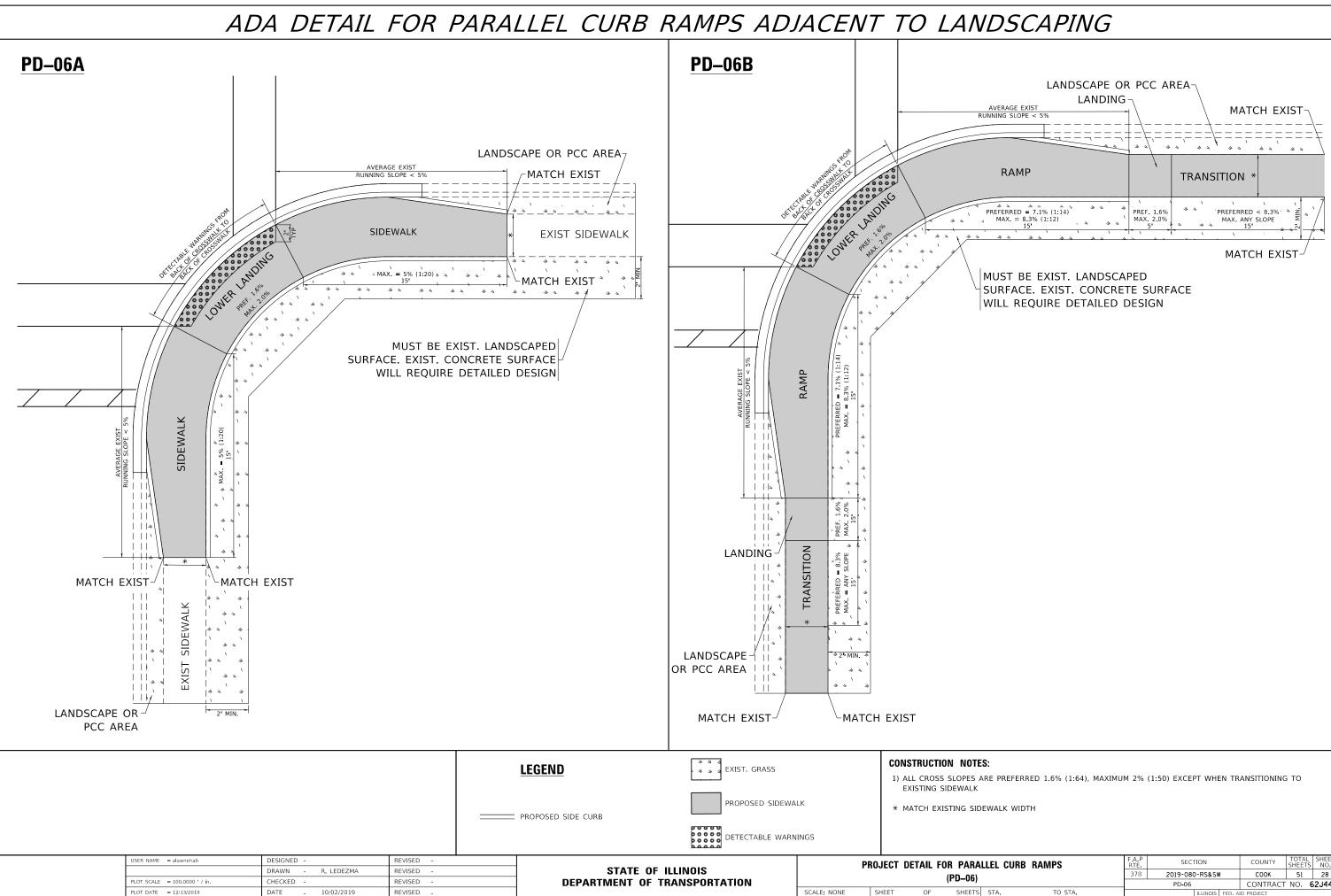
RP	ENDICULA	R CURB	RAMPS	F.A.P RTE	SECT	FION		COUNTY	TOTAL SHEETS	SHEET NO.
21				378	2019-080)-RS&SV	1	СООК	51	25
,					PD-03			CONTRACT	NO. 6	52J44
TS	STA.	TO	STA.			ILLINOIS	FED. AI	ID PROJECT		



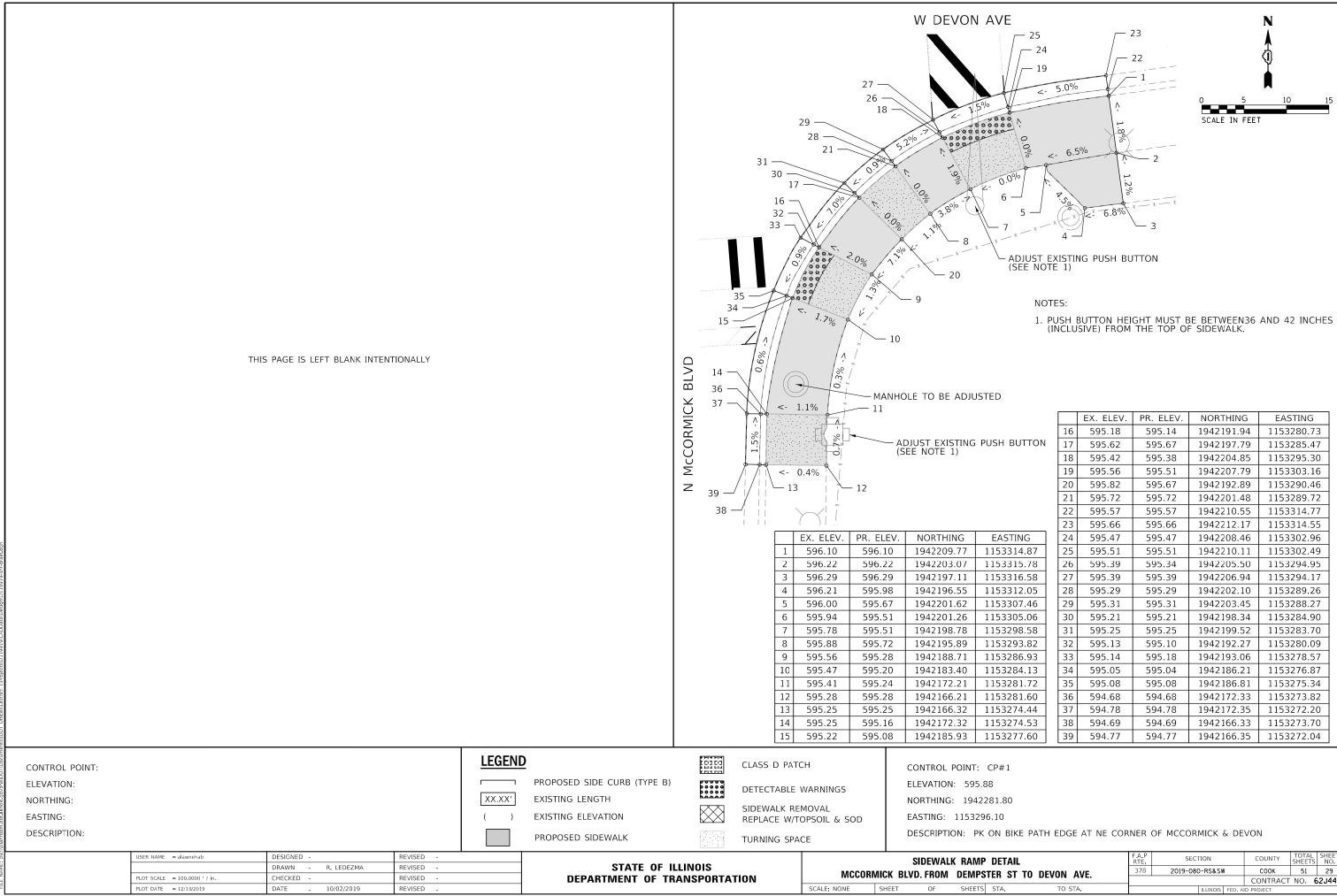
ND	ICULAR CU	RB RAMPS	WITH	F.A.P RTE	SECT	ΓΙΟΝ		COUNTY	TOTAL SHEETS	SHEET NO.
`F /	(PD-04)			378	2019-080)-RS&SV	1	СООК	51	26
	(10-04)				PD-04			CONTRACT	NO. 6	52J44
TS	STA.	TO STA.				ILLINOIS	FED. A	ID PROJECT		



ED	CORNER CURE	RAMPS	F.A.P RTE	SECT	ΠΟΝ		COUNTY	TOTAL SHEETS	SHEET NO.
51			378	2019-080)-RS&SV	1	СООК	51	27
, יי				PD-05			CONTRACT	NO. 6	52J44
TS	STA.	TO STA.			ILLINOIS	FED, AI	D PROJECT		



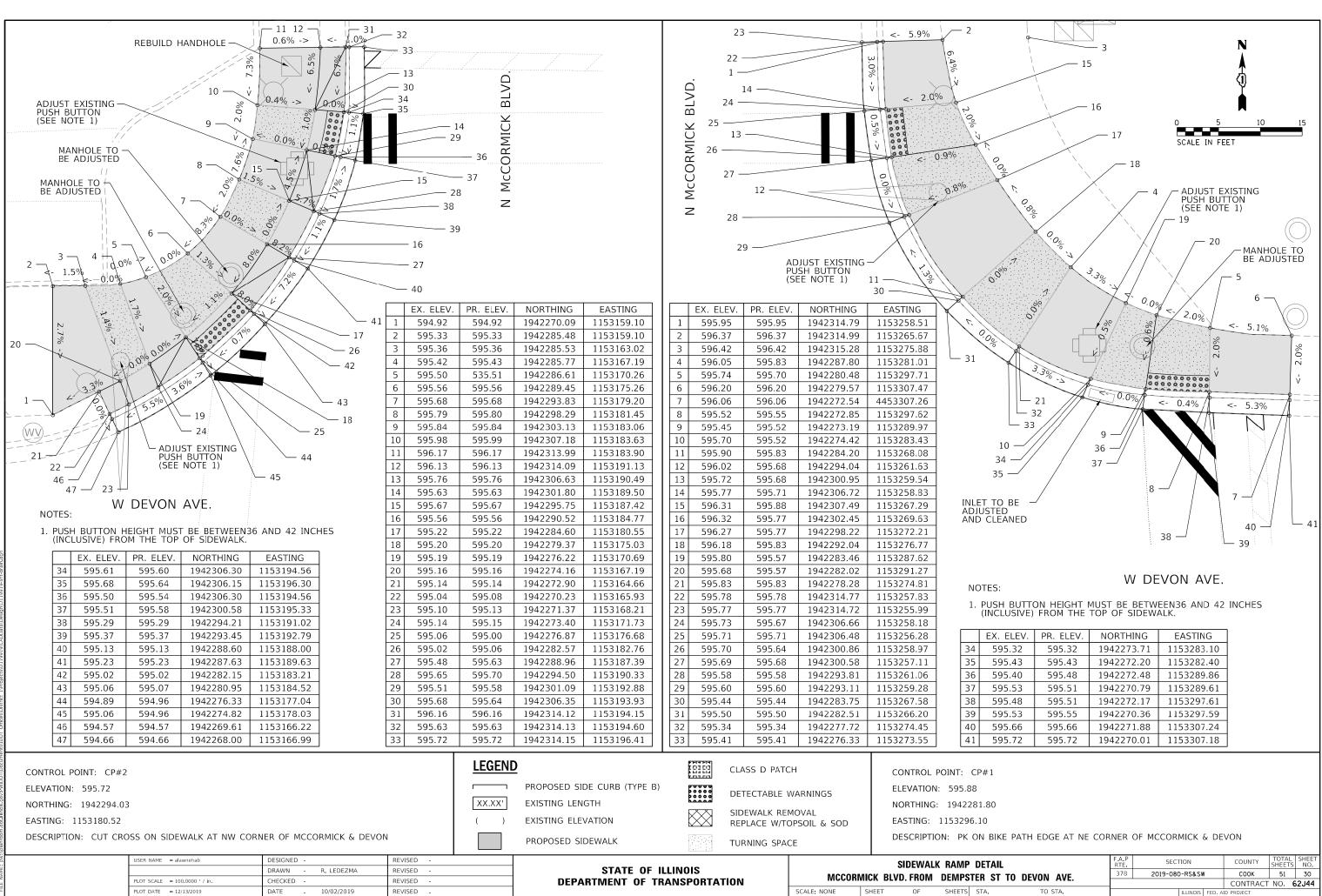
RA	LLEL CU	RB RAMPS	F.A.P RTE	SECT	ΠΟΝ		COUNTY	TOTAL SHEETS	SHEET NO.
۶١			378	2019-080)-RS&SV	1	COOK	51	28
") 			PD-06			CONTRACT	NO. 6	52J44
TS	STA.	TO STA.			ILLINOIS	FED. A	D PROJECT		



ЛР	DETAIL		F.A.P RTE	SEC	TION		COUNTY	TOTAL SHEETS	SHEET NO.
pc	TFR ST	TO DEVON AVE.	378	2019-080)-RS&SV	l I	СООК	51	29
1.0		TO DEVON AVE.	_				CONTRACT	NO. 6	52J44
TS	STA.	TO STA.			ILLINOIS	FED. A	D PROJECT		

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		18	595.42	595.38	1942204.85	1153295.30	
		19	595.56	595.51	1942207.79	1153303.16	
		20	595.82	595.67	1942192.89	1153290.46	
	:	21	595.72	595.72	1942201.48	1153289.72	
		22	595.57	595.57	1942210.55	1153314.77	
		23	595.66	595.66	1942212.17	1153314.55	
EASTING		24	595.47	595.47	1942208.46	1153302.96	
1153314.87		25	595.51	595.51	1942210.11	1153302.49	
1153315.78		26	595.39	595.34	1942205.50	1153294.95	
1153316.58		27	595.39	595.39	1942206.94	1153294.17	
1153312.05		28	595.29	595.29	1942202.10	1153289.26	
1153307.46		29	595.31	595.31	1942203.45	1153288.27	
1153305.06		30	595.21	595.21	1942198.34	1153284.90	
1153298.58		31	595.25	595.25	1942199.52	1153283.70	
1153293.82		32	595.13	595.10	1942192.27	1153280.09	
1153286.93		33	595.14	595.18	1942193.06	1153278.57	
1153284.13		34	595.05	595.04	1942186.21	1153276.87	
1153281.72		35	595.08	595.08	1942186.81	1153275.34	
1153281.60		36	594.68	594.68	1942172.33	1153273.82	
1153274.44		37	594.78	594.78	1942172.35	1153272.20	
1153274.53		38	594.69	594.69	1942166.33	1153273.70	
1153277.60] [39	594.77	594.77	1942166.35	1153272.04	



IP DETAIL	F.A.P RTE	SECTION			COUNTY	TOTAL SHEETS	SHEET NO.
PSTER ST TO DEVON AVE.	378	2019-080)-RS&SW	1	COOK	51	30
STER ST TO DEVON AVE.					CONTRACT	NO. 6	52J44
TS STA. TO STA.			ILLINOIS	FED. A	ID PROJECT		

ELEVATION: PROPOSED SIDE CURB (TYPE B) NORTHING: ELEVATION: NORTHING: EXISTING LENGTH EASTING: SIDEWALK REMOVAL DESCRIPTION: FROPOSED SIDE VARION PROPOSED SIDE CURB (TYPE B) PROPOSED SIDE CURB (TYPE B) PROPOSED SIDE CURB (TYPE B) SIDEWALK REMOVAL EASTING: DESCRIPTION: VISER NAME = alawnehab DESIGNED - REVISED - VISER NAME = alawnehab DESIGNED - REVISED - VISER NAME = alawnehab DESIGNED - REVISED - REVISED - REVISED - STATE OF ILLINOIS DESCRIPTION: REVISED - REVISED - REVISED - REVISED - STATE OF ILLINOIS PROPORED SIDE CURB (TYPE B) DESCRIPTION: NORTHING: PROPOSED SIDEWALK PROPOSED SIDEWALK DESCRIPTION: NORTHING: PROPOSED SIDEWALK DESCRIPTION: PROPOSED SIDEWALK PROPOSED SIDEWALK PROPORED SIDEWALK PROPOSED SIDEWALK PROPOSED SIDEWALK PROPOSED SIDEWALK <th></th> <th>PLOT DATE = 12/13/2019</th> <th>DATE 10/02/2019</th> <th>REVISED -</th> <th></th> <th>DEFANIMENT OF IN</th> <th></th> <th></th> <th>SCALE NONE SH</th> <th></th>		PLOT DATE = 12/13/2019	DATE 10/02/2019	REVISED -		DEFANIMENT OF IN			SCALE NONE SH	
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	<u>د</u> ا	USER NAME = alawnehab				СТАТЕ ОГ И				SIDEWALK RAMP DETAI
		1						TURNING SPAC	- L	
	DESCRIPTION:					PROPOSED SIDEWALK			`F	DESCRIPTION: NAIL IN B
	EASTING:				()	EXISTING ELEVATION	\boxtimes			EASTING: 1153280.84
	2							SIDEWALK REM	IOVAL	NORTHING: 1944887.11
								DETECTABLE W	VARNINGS	
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FULL CURB HEIGHT 16 17 17 18 15 01 15 02 15 01 1 15 0.0% 16 0.0% 17 1 18 20 19 1										
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FULL CURB HEIGHT 17 W PRATT AVE. 14 15 16 18 17 18 10 18 10 18 10 18 10 10 18 10 18 10 10 10 18 10 10 10 10 10 10 10 10 10 10		THIS	S PAGE IS LEFT BLANK INTENT	TIONALLY						5.0% 6.1% -
FULL CURB HEIGHT 17 W PRATT AVE. 14 15 16 18 17 18 10 18 10 18 10 18 10 10 18 10 18 10 10 10 18 10 10 10 10 10 10 10 10 10 10								CORN	23	
FULL CURB HEIGHT - 16 17 W PRATT AVE. 14 15 000										
FULL CURB HEIGHT - 16 17 - 1 W PRATT AVE. 14 - 10 00									15 -	
							W PRA	TT AVE.	14	
									FULL CURB HE	EIGHT - 16

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N REBUILD) HAN	DHOLE			
REBUILD	HAN				
REBUILD		EX. ELEV.	PR. ELEV.	NORTHING	EASTING
	1	EX. ELEV. 595.00	595.00	1944859.77	1153252.24
	1 2	EX. ELEV. 595.00 595.10	595.00 595.10	1944859.77 1944853.77	1153252.24 1153252.18
	1 2 3	EX. ELEV. 595.00 595.10 595.55	595.00 595.10 595.27	1944859.77 1944853.77 1944861.63	1153252.24 1153252.18 1153259.26
	1 2 3 4	EX. ELEV. 595.00 595.10 595.55 595.92	595.00 595.10 595.27 595.92	1944859.77 1944853.77 1944861.63 1944865.54	1153252.24 1153252.18 1153259.26 1153266.92
	1 2 3 4 5	EX. ELEV. 595.00 595.10 595.55 595.92 596.06	595.00 595.10 595.27 595.92 596.06	1944859.77 1944853.77 1944861.63 1944865.54 1944871.09	1153252.24 1153252.18 1153259.26 1153266.92 1153273.49
	1 2 3 4 5 6	EX. ELEV. 595.00 595.10 595.55 595.92 596.06 596.14	595.00 595.10 595.27 595.92 596.06 596.14	1944859.77 1944853.77 1944861.63 1944865.54 1944871.09 1944865.62	1153252.24 1153252.18 1153259.26 1153266.92 1153273.49 1153279.33
	1 2 3 4 5 6 7	EX. ELEV. 595.00 595.10 595.55 595.92 596.06 596.14 596.02	595.00 595.10 595.27 595.92 596.06 596.14 596.02	1944859.77 1944853.77 1944861.63 1944865.54 1944871.09 1944865.62 1944858.88	1153252.24 1153252.18 1153259.26 1153266.92 1153273.49 1153279.33 1153271.35
	1 2 3 4 5 6 7 8	EX. ELEV. 595.00 595.10 595.55 595.92 596.06 596.14 596.02 595.69	595.00 595.10 595.27 595.92 596.06 596.14 596.02 595.27	1944859.77 1944853.77 1944861.63 1944865.54 1944871.09 1944865.62 1944858.88 1944854.13	1153252.24 1153252.18 1153259.26 1153266.92 1153273.49 1153279.33 1153271.35 1153262.04
11	1 2 3 4 5 6 7 8 9	EX. ELEV. 595.00 595.10 595.55 595.92 596.06 596.14 596.02 595.69 595.61	595.00 595.10 595.27 595.92 596.06 596.14 596.02 595.27 595.27	1944859.77 1944853.77 1944861.63 1944865.54 1944871.09 1944865.62 1944858.88 1944854.13 1944853.69	1153252.24 1153252.18 1153259.26 1153266.92 1153273.49 1153279.33 1153271.35 1153262.04 1153260.79
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11	1 2 3 4 5 6 7 8 9	EX. ELEV. 595.00 595.10 595.55 595.92 596.06 596.14 596.02 595.69 595.61 595.48 595.48	595.00 595.10 595.27 595.92 596.06 596.14 596.02 595.27 595.27 595.27 595.27 595.27 595.27 595.26 595.27 595.27 595.26	1944859.77 1944853.77 1944861.63 1944865.54 1944871.09 1944865.62 1944858.88 1944854.13 1944853.69 1944848.70 1944842.84	1153252.24 1153252.18 1153259.26 1153266.92 1153273.49 1153279.33 1153271.35 1153262.04 1153260.79
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11	1 2 3 4 5 6 7 8 9 10 11 12	EX. ELEV. 595.00 595.10 595.55 595.92 596.04 596.14 596.02 595.69 595.61 595.48 595.60 595.39	595.00 595.10 595.27 595.92 596.06 596.14 596.02 595.27 595.39	1944859.77 1944853.77 1944861.63 1944865.54 1944871.09 1944865.62 1944858.88 1944854.13 1944853.69 1944848.70 1944842.84 1944842.91	1153252.24 1153252.18 1153259.26 1153266.92 1153273.49 1153271.35 1153262.04 1153260.79 1153259.13 1153259.07 1153259.07
<u> </u>	1 2 3 4 5 6 7 8 9 10 11 12 13	EX. ELEV. 595.00 595.10 595.55 595.92 596.04 596.14 596.02 595.69 595.61 595.48 595.48 595.60	595.00 595.10 595.27 595.92 596.06 596.14 596.02 595.27 595.13	1944859.77 1944853.77 1944861.63 1944865.54 1944871.09 1944865.62 1944858.88 1944854.13 1944854.13 1944853.69 1944848.70 1944842.84 1944842.91	1153252.241153252.181153259.261153266.921153273.491153271.351153262.041153260.791153259.131153259.071153252.071153252.13
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<u> </u>	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	EX. ELEV. 595.00 595.10 595.55 595.92 596.04 596.14 595.69 595.61 595.48 595.60 595.39 595.42 595.42 595.00 595.00 595.00 595.00	595.00 595.10 595.27 596.06 596.14 596.02 595.27 595.27 595.27 595.27 595.27 595.39 595.39 595.13 595.00 595.00 595.00 595.00 595.07	1944859.77 1944853.77 1944861.63 1944865.54 1944871.09 1944865.62 1944858.88 1944854.13 1944853.69 1944842.84 1944842.91 1944842.91 1944848.77 1944859.78 1944859.80	1153252.24 1153252.18 1153259.26 1153279.26 1153273.49 1153271.35 1153260.79 1153259.13 1153259.13 1153252.07 1153252.13 1153251.65 1153251.67
<u> </u>	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	EX. ELEV. 595.00 595.10 595.55 595.92 596.04 596.02 595.69 595.61 595.42 595.42 595.42 595.00 595.00	595.00 595.10 595.27 596.06 596.14 596.02 595.27 595.27 595.27 595.27 595.27 595.27 595.27 595.20 595.21 595.20 595.20 595.39 595.39 595.13 595.00 595.06 595.00	1944859.77 1944853.77 1944861.63 1944865.54 1944865.62 1944858.88 1944854.13 1944853.69 1944842.84 1944842.91 1944842.91 1944842.91 1944859.78 1944859.78 1944861.78 1944861.80	1153252.241153252.181153259.261153266.921153273.491153271.351153262.041153260.791153259.131153259.071153252.071153252.131153251.651153249.601153251.671153251.671153249.62
<u> </u>	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	EX. ELEV. 595.00 595.10 595.55 595.92 596.06 596.14 596.02 595.60 595.61 595.42 595.48 595.42 595.00 595.00 595.00 595.00 595.00 595.00	595.00 595.10 595.27 595.92 596.06 596.14 596.02 595.27 595.27 595.27 595.27 595.27 595.27 595.20 595.00 595.00 595.00 595.00 595.07 595.07 595.07 595.07 595.31	1944859.77 1944853.77 1944861.63 1944865.54 1944865.62 1944858.88 1944854.13 1944853.69 1944842.84 1944842.91 1944842.91 1944842.91 1944859.78 1944859.78 1944859.78 1944861.77	1153252.241153252.181153259.261153266.921153273.491153271.351153262.041153260.791153259.131153259.071153252.071153251.651153249.601153251.671153249.621153252.26
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<u> </u>	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	EX. ELEV. 595.00 595.10 595.55 595.92 596.02 596.14 596.14 595.60 595.61 595.42 595.42 595.00 595.00 595.00 595.00 595.00 595.01 595.03	595.00 595.10 595.27 596.06 596.14 596.02 595.27 595.27 595.27 595.27 595.27 595.27 595.27 595.27 595.27 595.27 595.00 595.00 595.00 595.00 595.01 595.02 595.03 595.03 595.10	1944859.77 1944853.77 1944861.63 1944865.54 1944865.62 1944858.88 1944854.13 1944853.69 1944842.84 1944842.84 1944842.91 1944842.91 1944859.78 1944859.78 1944861.78 1944861.77 1944861.77 1944842.92 1944842.94	1153252.241153252.181153259.261153266.921153273.491153271.351153260.791153259.131153259.131153252.071153251.651153249.601153251.671153252.261153251.481153249.441153251.54
	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	EX. ELEV. 595.00 595.10 595.55 595.92 596.06 596.14 596.02 595.60 595.61 595.42 595.60 595.30 595.00 595.00 595.00 595.00 595.07 595.07 595.03	595.00 595.10 595.27 596.06 596.14 596.02 595.27 595.27 595.27 595.27 595.27 595.27 595.27 595.27 595.20 595.00 595.00 595.00 595.00 595.01 595.02 595.03	1944859.77 1944853.77 1944861.63 1944865.54 1944865.62 1944858.88 1944854.13 1944853.69 1944842.84 1944842.91 1944842.91 1944859.78 1944859.78 1944859.78 1944861.78 1944861.77 1944861.77 1944842.92	1153252.241153252.181153259.261153266.921153273.491153271.351153262.041153260.791153259.131153259.131153252.071153251.651153251.651153249.601153251.671153251.481153249.44

. IN BITUMINOUS PVMT AT PCC EDGE AT NE CORNER OF MCCORMICK & PRATT

/IP DETAIL	F.A.P RTE	SECT			SHEET NO.		
PSTER ST TO DEVON AVE.	378	2019-080-RS&SW			СООК	51	31
ISIEN SI TO DEVON AVE.		CONTRACT NO. 62J				52J44	
TS STA. TO STA.			ILLINOIS	FED. A	ID PROJECT		

IP DETAIL	F.A.P RTE	P SECTION			COUNTY	TOTAL SHEETS	SHEET NO.
PSTER ST TO DEVON AVE.	378 2019-080-RS&SW			СООК	51	32	
SILI SI TO DEVON AVE.					CONTRACT	NO. 6	52J44
TS STA. TO STA.			ILLINOIS	FED. A	ID PROJECT		

CP#5	

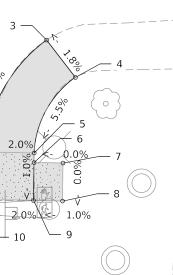
.94

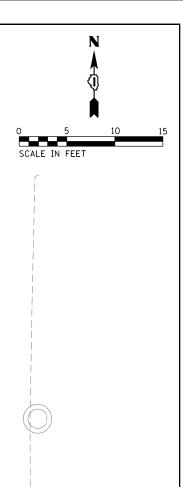
5604.72

226.35

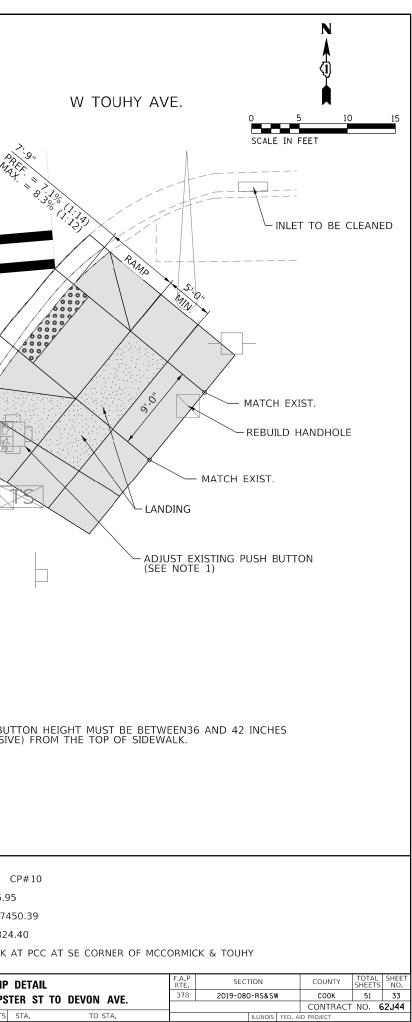
K IN STRIPED MEDIAN AT NORTH LEG OF MCCORMICK & NORTHEAST PKWY

	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



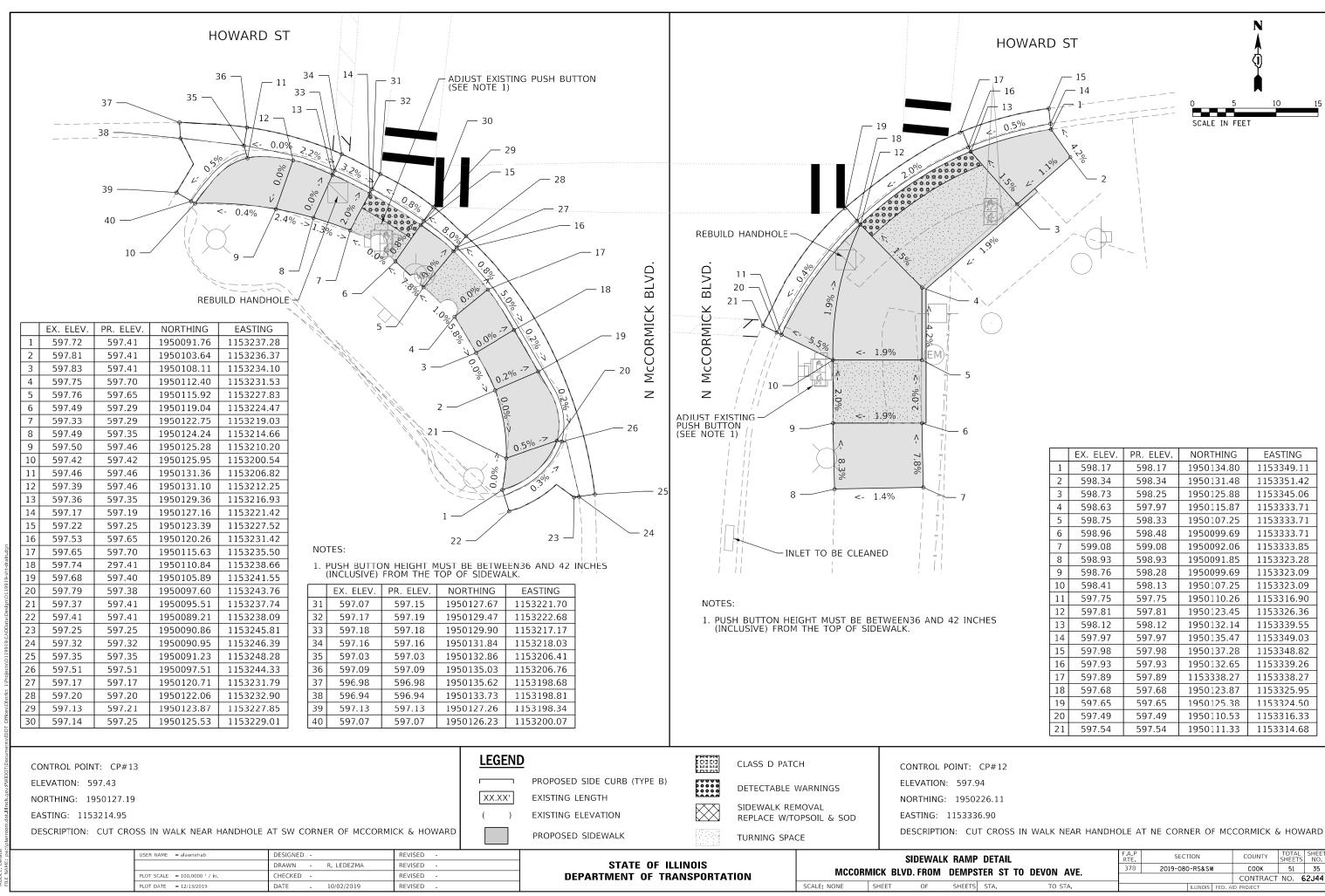


FILE NAME:	USER NAME = alawnehab DESIGNED REVISED DRAWN - R. LEDEZMA REVISED PLOT SCALE = 100.0000 ' / in. CHECKED REVISED PLOT DATE = 12/13/2019 DATE = 10/02/2019 REVISED				STATE OF IL Department of tr				SIDEWALK RAMP CCORMICK BLVD. FROM DEMPS	
CONTROL POINT: ELEVATION: NORTHING: EASTING: DESCRIPTION:				LEGEND XX.XX' ()	PROPOSED SIDE CURB (TYPE B) EXISTING LENGTH EXISTING ELEVATION PROPOSED SIDEWALK		CLASS D PATO DETECTABLE SIDEWALK RE REPLACE W/T TURNING SPA	WARNINGS MOVAL OPSOIL & SOD	CONTROL POINT: ELEVATION: 596.9 NORTHING: 19474 EASTING: 115332 DESCRIPTION: PK	
Documentation Officeablatic LiProjectab119919-sht-drain-don		THIS PAGE IS LEFT INTENTIONA	ALLY BLANK	LEGEND					NOTES: 1. PUSH BU (INCLUSIN	



(Documents)IDDT Offees/Britct 1/Projects)D1199919(ADData/Desagn(D1199919);Athrain dan	CONTROL POINT:	THIS	5 PAGE IS LEFT INTENTIONALL	Y BLANK	LEGEND			CLASS D PAT		CONTROL POINT:
planroom.dot.lllhols.gov:PWIDO	ELEVATION: NORTHING: EASTING: DESCRIPTION:				()	PROPOSED SIDE CURB (TYPE B) EXISTING LENGTH EXISTING ELEVATION PROPOSED SIDEWALK		DETECTABLE SIDEWALK RE REPLACE W/T TURNING SPA	MOVAL OPSOIL & SOD	ELEVATION: 597.9 NORTHING: 1947! EASTING: 115331 DESCRIPTION: PK
FILE NAME: pw:/		USER NAME = alawnehab PLOT SCALE = 100.0000 ' / in. PLOT DATE = 12/13/2019	DESIGNED - DRAWN - R. LEDEZMA CHECKED - DATE - 10/02/2019	REVISED - REVISED - REVISED - REVISED -		STATE OF II Department of tr	LLINOIS IANSPORTA	TION		SIDEWALK RAMF CK BLVD. FROM DEMPS SHEET OF SHEETS

			O Scale IN	5 10 15 FEET
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0000		NDING EF. 1 X. 2.	.6% 0%	
: CP#9 7.93				
7593.07				
314.24 РК АТ РСС .	AT NE CORNER OF MCC	ORMIC	CK & TOUHY	
/IP DETAIL		F.A.P RTE	SECTION	COUNTY TOTAL SHEET SHEETS NO.
	TO DEVON AVE.	378	2019-080-RS&SW	Соок 51 34 СОЛТКАСТ NO. 62J44
TS STA.	TO STA.		ILLINOIS FED. A	



1P DETAIL	F A P RTE	SECTION			COUNTY TOTAL SHEETS		SHEET NO.
PSTER ST TO DEVON AVE.	378	2019-080)-RS&SV	1	СООК	51	35
SIEN ST TO DEVON AVE.	TO DEVON AVE. CONTRACT			NO. 6	52J44		
TS STA. TO STA.			ILLINOIS	FED. A	ID PROJECT		

EX. ELEV. PR. ELEV.

598.17

598.34

598.25

597.97

598.33

598.48

599.08

598.93

598.28

598.13

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598.12

597.97

597.98

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597.89

597.68

597.65

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597.54

598.17

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N

SCALE IN FEET

NORTHING

1950134.80

1950131.48

1950125.88

1950115.87

1950107.25

1950099.69

1950092.06

1950091.85

1950099.69

1950107.25

1950110.26

1950123.45

1950132.14

1950135.47

1950137.28

1950132.65

1153338.27

1950123.87

1950125.38

1950110.53

1950111.33

EASTING

1153349.11

1153351.42

1153345.06

1153333.71

1153333.71

1153333.71

1153333.85

1153323.28

1153323.09

1153323.09

1153316.90

1153326.36

1153339.55

1153349.03

1153348.82

1153339.26

1153338.27

1153325.95

1153324.50

1153316.33

1153314.68

HOWARD ST

+16

13

0.5%

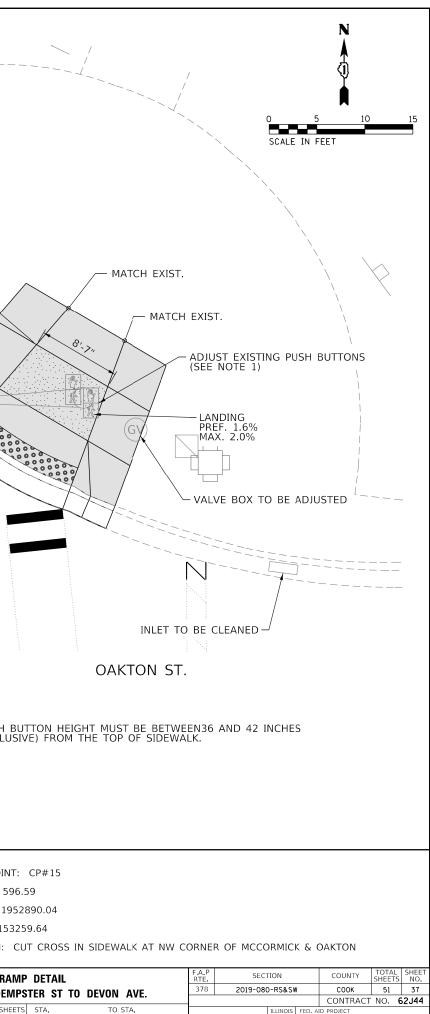
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- 14

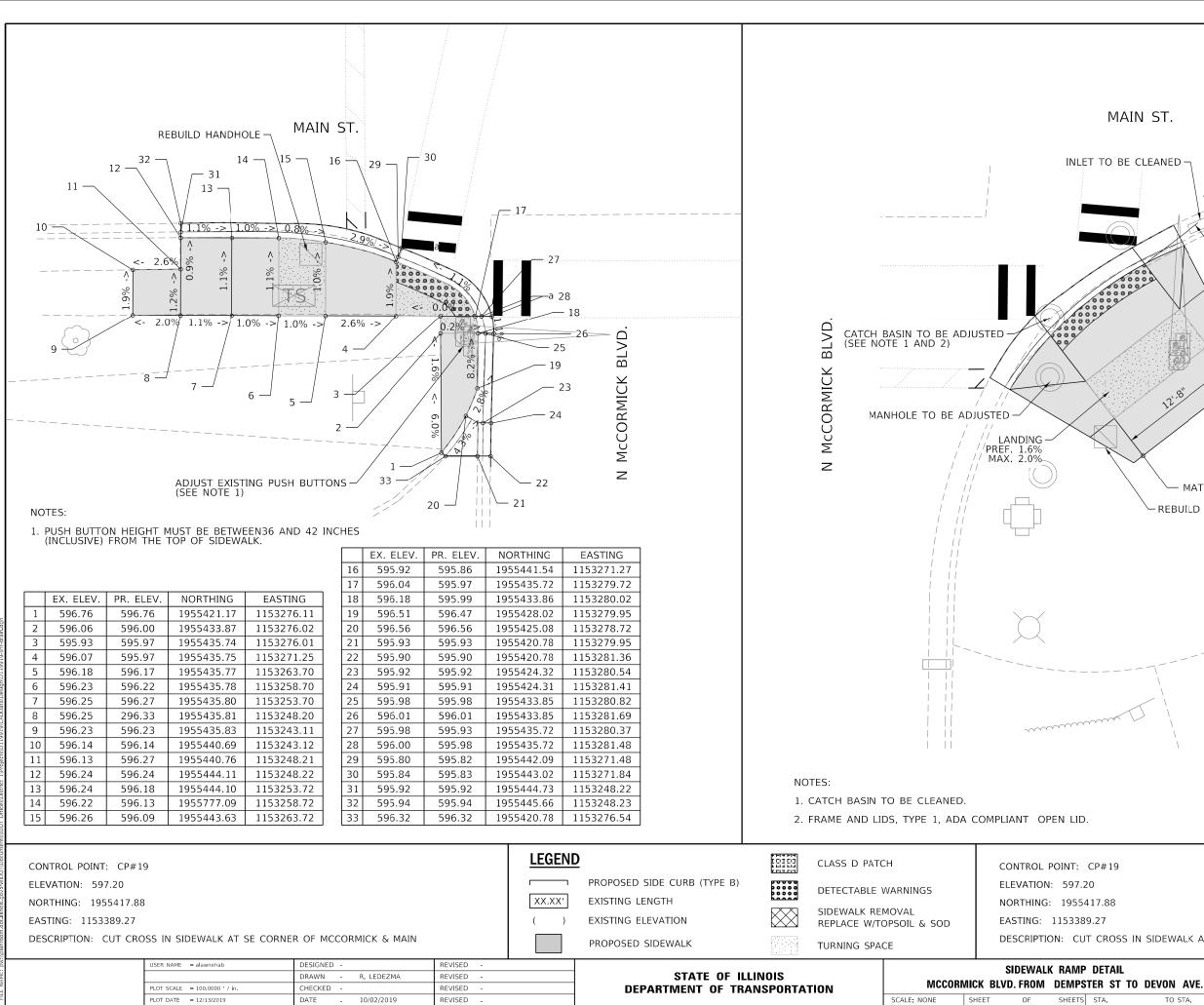
E NAME: p		USER NAME = alawnehab PLOT SCALE = 100.0000 ' / in.	DESIGNED - DRAWN - R.LEDEZMA CHECKED -	REVISED - REVISED - REVISED -	STATE OF II DEPARTMENT OF TR	TION	MCCORMI	SIDEWALK RAMP DETA CK BLVD. FROM DEMPSTER S
w:\\planroom.dot.lllnols.gov:PWIDOT\Docur	CONTROL POINT: ELEVATION: NORTHING: EASTING: DESCRIPTION:				PROPOSED SIDE CURB (TYPE B) EXISTING LENGTH EXISTING ELEVATION PROPOSED SIDEWALK	CLASS D PATCH DETECTABLE W SIDEWALK REM REPLACE W/TO TURNING SPAC	VARNINGS 10VAL 1PSOIL & SOD	CONTROL POINT: CP#14 ELEVATION: 598.41 NORTHING: 1952780.93 EASTING: 1153413.92 DESCRIPTION: CUT CRO
nts/IDOT Offices/District 1/Projects/D119919/CADData/Design/D119919-sht-drain.dgn		THIS	S PAGE IS LEFT INTENTION,	IALLY BLANK		INLET TO B AND		OAK OAK Construction Constr

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		SCALE IN	FEET
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	└── MAT	CH EXIST.	
CH EXIST.			
CP#14 41			
+1 780.93			
3.92			
T CROSS IN SIDEWALK AT SE (CORNER (OF MCCORMICK &	OAKTON
P DETAIL	F.A.P RTE	SECTION	COUNTY TOTAL SHEE SHEETS NO.
STER ST TO DEVON AVE.	378	2019-080-RS&SW	Соок 51 36 СОNTRACT NO. 62J44
STA. TO STA.		ILLINOIS FED.	AID PROJECT

ELEVATION: PROPOSED SIDE CURB (TYPE B) NORTHING: ELEVATION: EASTING: XX.XX' EASTING: SIDEWALK REMOVAL DESCRIPTION: EXISTING ELEVATION USER NAME = alawnehab DESIGNED - DESIGNED - REVISED - DRAWN - R, LEDEZMA REVISED -
NORTHING: XX.XX' EXISTING LENGTH DETECTABLE WARNINGS EASTING: EASTING: SIDEWALK REMOVAL NORTHING: 1952890.04 DESCRIPTION: PROPOSED SIDEWALK TURNING SPACE DESCRIPTION: CUT CRO
NORTHING: XX.XX' EXISTING LENGTH DETECTABLE WARNINGS NORTHING: XX.XX' EXISTING LENGTH SIDEWALK REMOVAL EASTING: () EXISTING ELEVATION EASTING: 1153259.64
NORTHING: DETECTABLE WARNINGS NORTHING: 1952890.04
NORTHING: DETECTABLE WARNINGS NORTHING: 1952890.04
CONTROL POINT: CLASS D PATCH CONTROL POINT: CP#1



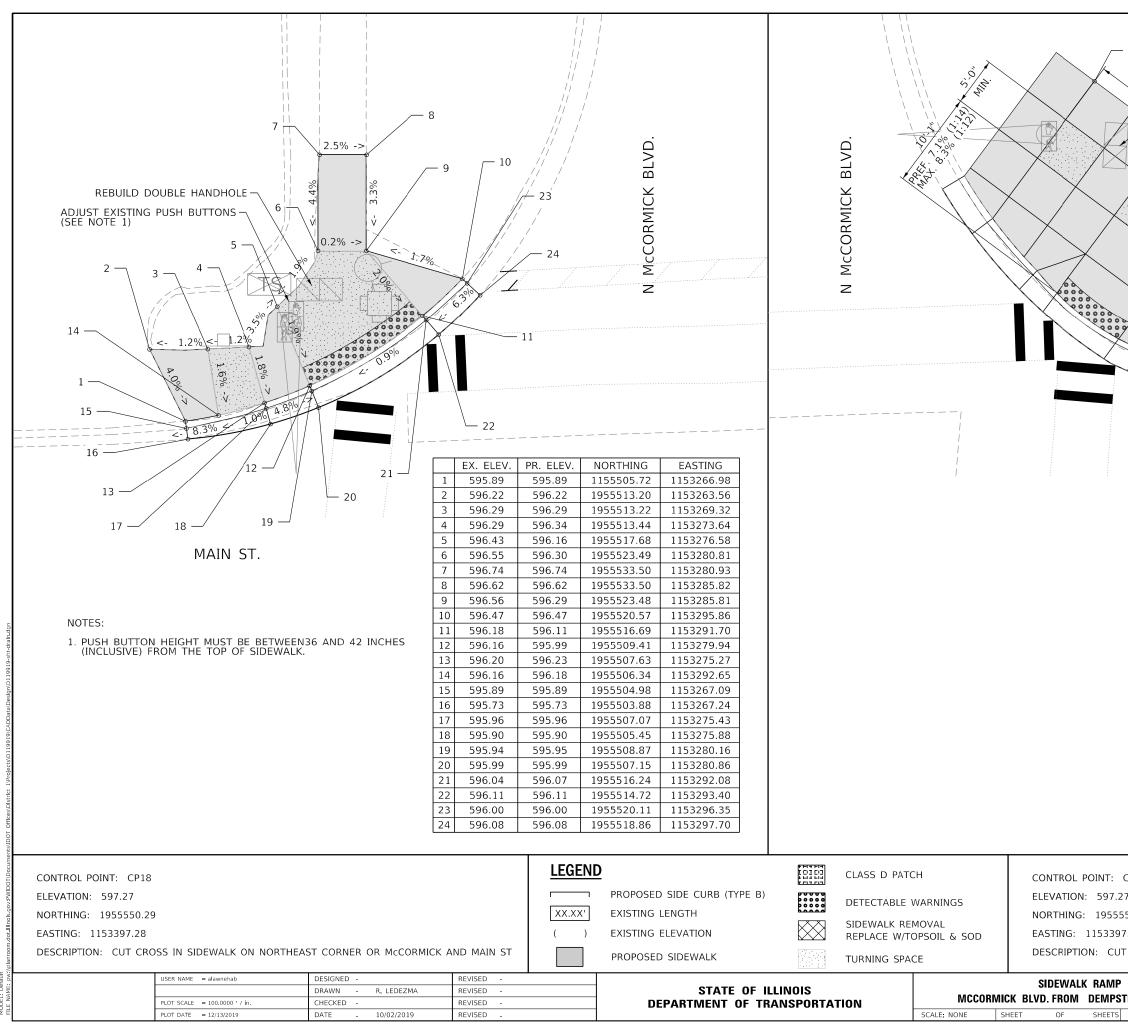
ILLINOIS FED AID PROJECT



TO STA

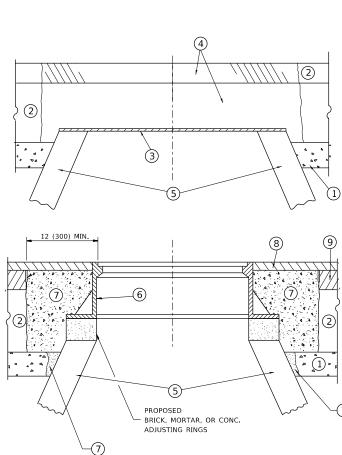
MP DETAIL PSTER ST TO DEVON AVE.	F.A. P RTE. 378	SECTION 2019-080-RS&SW	COUNTY TOT. SHEE COOK 51	38
: CP#19 7.20 55417.88 389.27 CUT CROSS IN SIDEWALK AT SE 0	CORNER OF	MCCORMICK &	MAIN	
ID.				
			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
∽ REBUILD HAND	HOLE			
MATCH E				c c c c
				/
IL SI	MA	TCH EXIST.		
	1.11 5.0 1.11 1.12			
LET TO BE CLEANED				
MAIN ST.		O SCALE I	5 10 N FEET	15
			N (j)	

CONTRACT NO. 62J44



UT CROSS IN SIDEWALK ON NC P DETAIL 'STER ST TO DEVON AVE.	F.A.P RTE. 378	SECTION 2019-080-RS&SW		SHEET NO. 39
CP18 .27 5550.29 97.28				
MAIN ST.	ANED			
		<ul> <li>LANDING, TYP.</li> <li>PREF. 1.6%</li> <li>MAX. 2.0%</li> </ul>		
	10:01	MATCH EXIS	эт. \\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
70.0. REBUILD DO HANDHOLE		0 5 SCALE IN F		15
			N ↓ ↓	

ΜP	DETAIL		RTE	SEC	FION		COUNTY	SHEETS	NO.
PS	TFR ST	TO DEVON AVE.	378	2019-080	D-RS&SV	1	СООК	51	39
13		TO DEVON AVE.					CONTRACT	NO. E	52J44
TS	STA.	TO STA.			ILLINOIS	FED. A	D PROJECT		



### **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

USER NAME = alawnehab	DESIGNED - R. SHAH	REVISED - R. WEDEMAN 05-14-04			DETAILS F	1R	F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET
	DRAWN -	REVISED - R. BORO 01-01-07	STATE OF ILLINOIS				378	2019-080-RS&SW	соок	51	40
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - R. BORO 03-09-11	DEPARTMENT OF TRANSPORTATION	FI	FRAMES AND LIDS ADJUSTI	VENT WITH WILLING		BD600-03 (BD-8)	CONTRACT	NO 62	J44
PLOT DATE = 12/13/2019	DATE - 10-25-94	REVISED - R. BORO 12-06-11		SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.		ILLINOIS FED.	AID PROJECT		
PLOT DATE = 12/13/2019	DATE - 10-25-94	REVISED - R. BORO 12-06-11		SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO STA.		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	6 FRAME AND LID (SEE NOTES)
2)	EXISTING PAVEMENT	(7) CLASS PP-1 <b>*</b> CONCRETE
3)	36 (900) DIAMETER METAL PLATE	(8) PROPOSED HMA SURFACE COURSE
4)	PROPOSED CRUSHED STONE AND HMA SURFACE MIX	0
5)	EXISTING STRUCTURE	9 proposed HMA BINDER COURSE

### LOCATION OF STRUCTURES

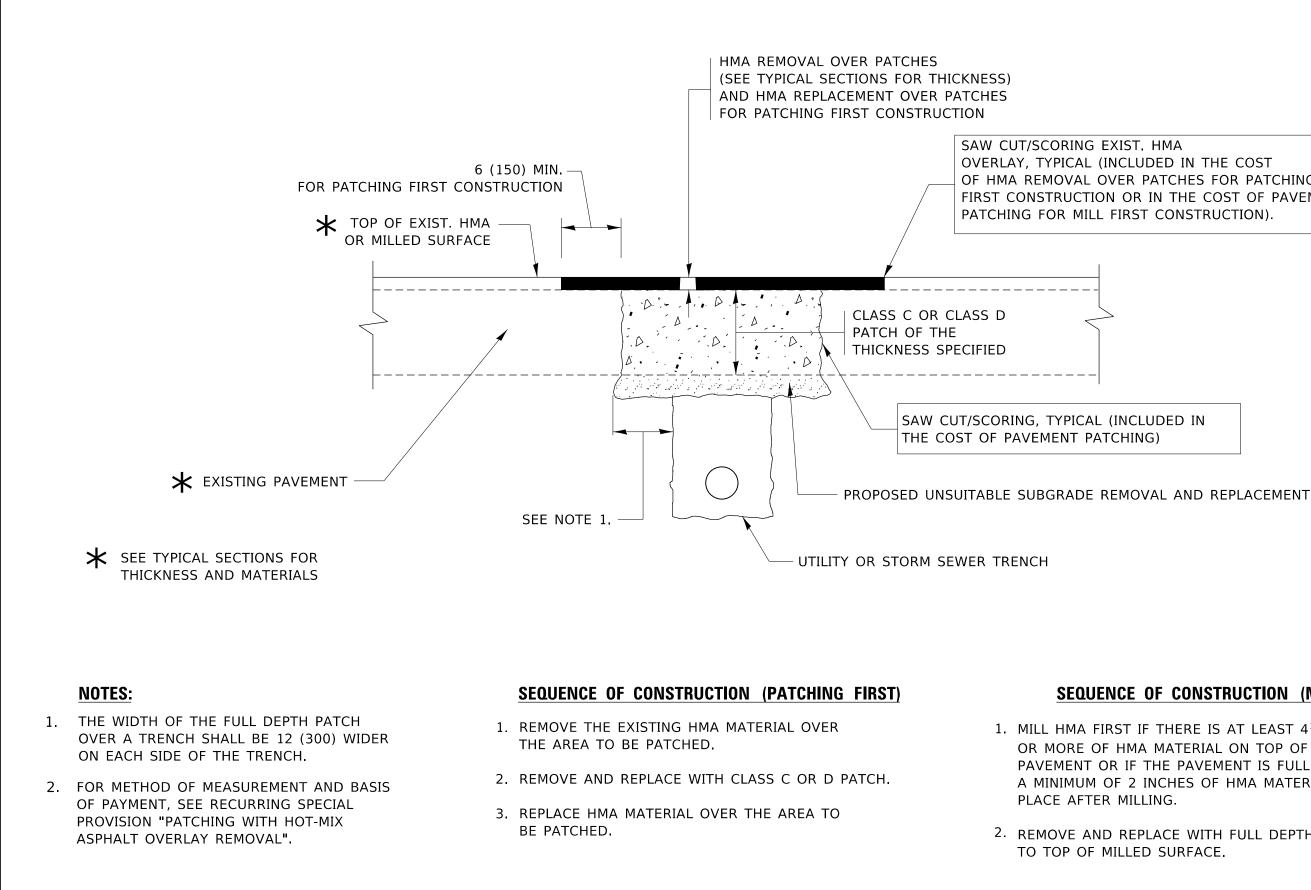
THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.

### **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.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN



USER NAME = alawnehab	DESIGNED - R. SHAH	REVISED - A. ABBAS 04-27-98			PAVEMENT PATCH	ING FOR		F.A.P. RTE	SECTION	COUNTY	TOTAL SHEET SHEETS NO.
	DRAWN -	REVISED - R. BORO 01-01-07	STATE OF ILLINOIS HMA SUBFACED PAVEMENT				2019-080-RS&SW	СООК	51 41		
PLOT SCALE = 100.0000 / in	CHECKED -	REVISED R BORO 09-04-07	DEPARTMENT OF TRANSPORTATION					В	D400–04 (BD–22)	CONTRACT	F NO. 62J44
PLOT DATE = 12/13/2019	DATE - 10-25-94	REVISED K ENG 10-27-08		SCALE: NONE SHEET 1 OF 1 SHEETS STA.		STA.	TO STA.	ILLINOIS		AID PROJECT	

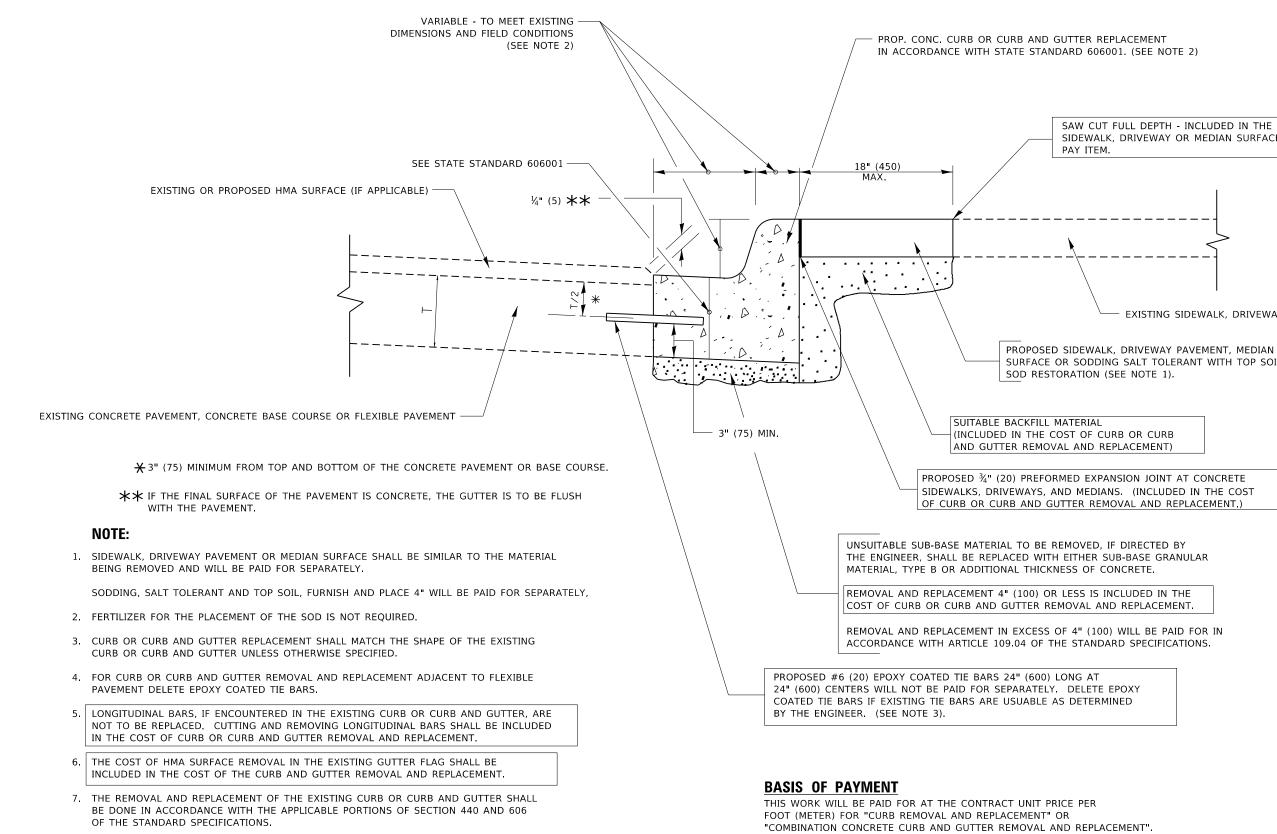
OVERLAY, TYPICAL (INCLUDED IN THE COST OF HMA REMOVAL OVER PATCHES FOR PATCHING FIRST CONSTRUCTION OR IN THE COST OF PAVEMENT PATCHING FOR MILL FIRST CONSTRUCTION).

## **SEQUENCE OF CONSTRUCTION (MILLING FIRST)**

1. MILL HMA FIRST IF THERE IS AT LEAST  $4\frac{1}{2}$  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

2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

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



8. 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.

# CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

	USER NAME = alawnehab	DESIGNED - A. HOUSEH	REVISED - R. SHAH 10	-03-96		CURB OB	CURB AND G	IITTER	F.A.P. BTE	SECTION	COUNTY TOTAL SHEET
		DRAWN -	REVISED A ABBAS C	3-21-97	STATE OF ILLINOIS		AND REPLAC		378	2019-080-RS&SW	СООК 51 42
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED M. GOMEZ	01-22-01	DEPARTMENT OF TRANSPORTATION	REIVIUVAL	AND REPLAC			BD600-06 (BD-24)	CONTRACT NO. 62J44	
F	PLOT DATE = 12/13/2019	DATE - 03-11-94	REVISED R BORO 12	-15-09	SCALE: NONE	SHEET 1 OF 1	SHEETS STA	. TO STA		ILLINOIS FI	D. AID PROJECT

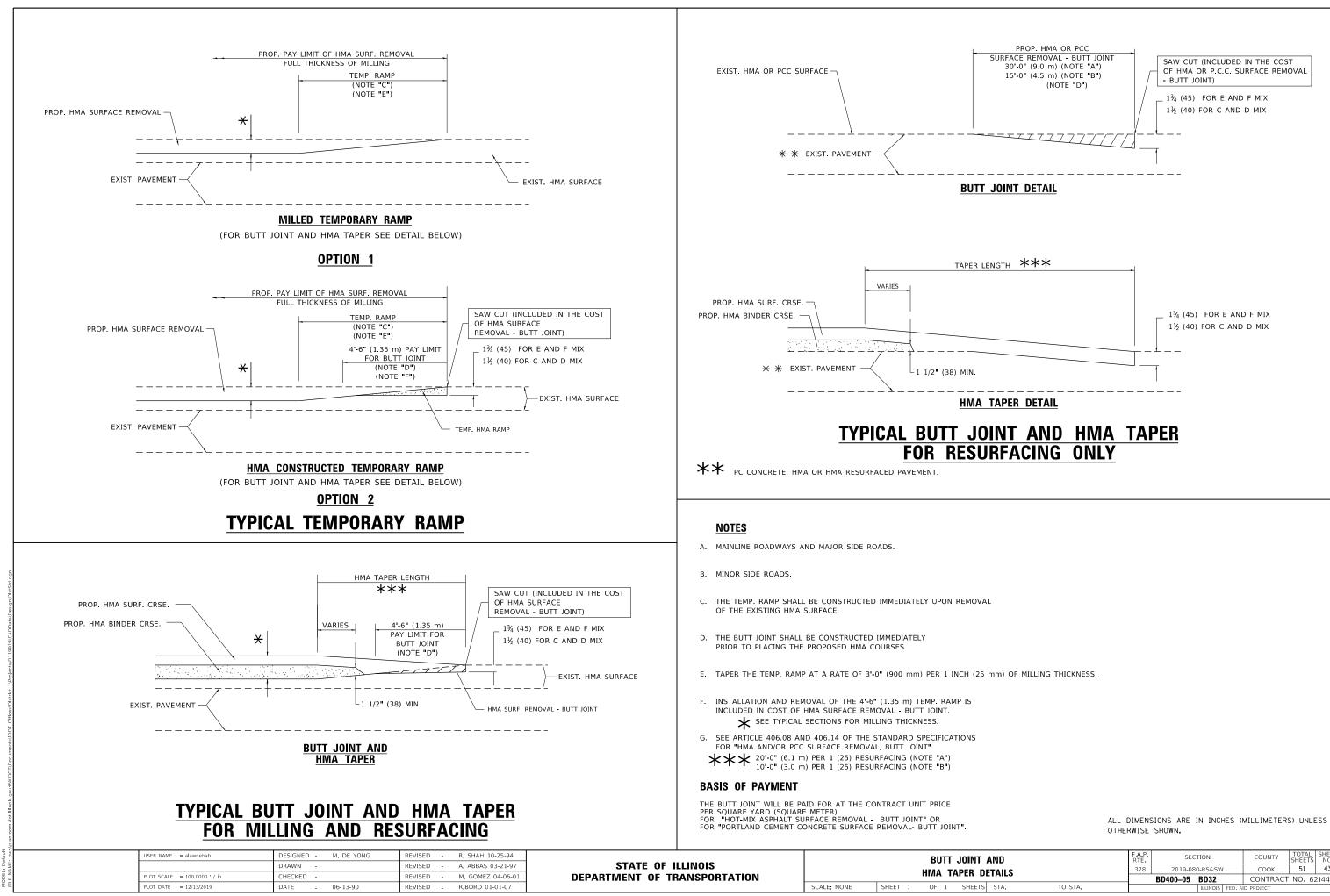
SAW CUT FULL DEPTH - INCLUDED IN THE COST OF SIDEWALK, DRIVEWAY OR MEDIAN SURFACE REMOVAL

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

SURFACE OR SODDING SALT TOLERANT WITH TOP SOIL, 4" (100)



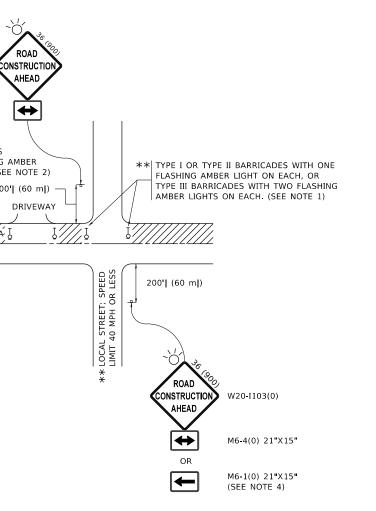
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.



T AND DETAILS		F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
		378	2019-080-RS&SW	СООК	51	43			
			BD400–05 BD32	CONTRACT	NO. 62	2J44			
'S STA.	TO STA.		ILLINOIS FED. AID PROJECT						

	ROAD ROAD ROAD ROAD ROAD ROAD CONSTRUCTION AHEAD 15 (380) 21 (530) (Egg 15 (380) 21 (530) (Egg 15 (380) (Egg 15 (380) (Egg 15 (380) (Egg 15 (380) (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (Egg (
	WORK AREA J WORK AREA J * COLLECTOR BEED LIMITS 40 MPH (60 km/h) * CONSTRUCTION HEAD
	NOTES:
1	<ul> <li>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:</li> <li>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.</li> <li>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.</li> </ul>
	<ul> <li>SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:</li> <li>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.</li> <li>THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.</li> <li>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.</li> </ul>
4	WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4). TRAFFIC CONTROL AND PROTECTION

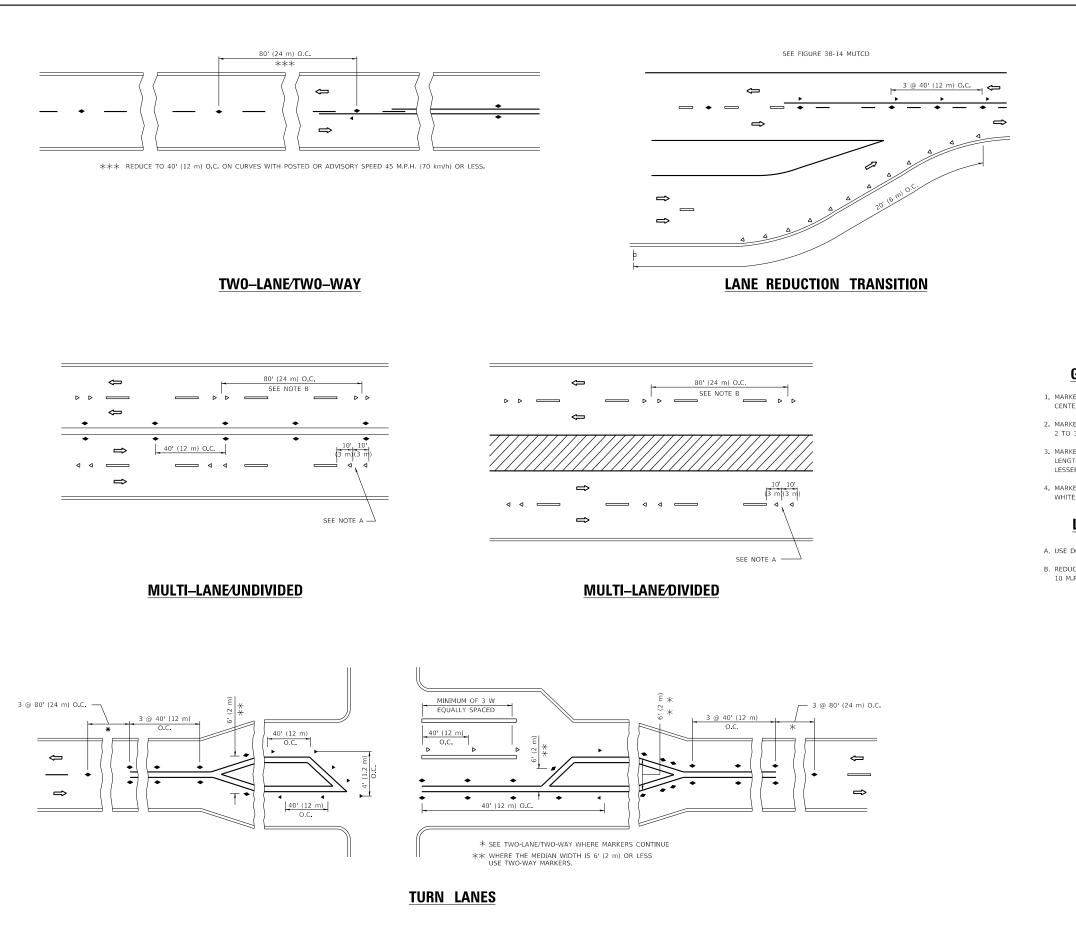
										otherwise shown.	ies (minimeter	(5)
USER NAME = alawnehab	DESIGNED L.H.A.	REVISED - A. HOUSEH 10-15-96				TRAFFIC CONTROL AND	PROTECTION FOR	F. B	A.P.	SECTION	COUNTY 5	TOTAL SHEET
	DRAWN -	REVISED T. RAMMACHER 01-06-00	STATE OF II	LLINOIS	SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS		3	378	2019-080-RS&SW	соок	51 44	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13	DEPARTMENT OF TR	ANSPORTATION					TC-10	CONTRACT N	NO 62J44	
PLOT DATE = 12/13/2019	DATE - 06-89	REVISED A SCHUETZE 09-15-16			SCALE: NONE	SHEET 1 OF 1 SHEETS	STA. TO S	STA.		ILLINOIS FED. A	AID PROJECT	



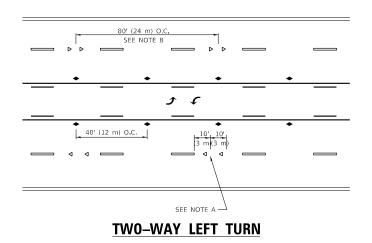
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET UP.

- 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 dimonsions are in inches (millimeters)



USER NAME = alawnehab	DESIGNED -	REVISED - T. RAMMACHER 03-12-99		TYPICAL APPLICATIONS	F.A.P. BTE	SECTION	COUNTY TOTA	L SHEET
	DRAWN -	REVISED -T. RAMMACHER 01-06-00	STATE OF ILLINOIS		378	2019-080-RS&SW	СООК 51	45
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - C. JUCIUS 09-09-09	DEPARTMENT OF TRANSPORTATION	RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)		TC-11		62144
PLOT DATE = 12/13/2019	DATE -	REVISED _ C. JUCIUS 07-01-13	5	SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.		ILLINOIS FED.	AID PROJECT	



## **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.
- 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

## 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.

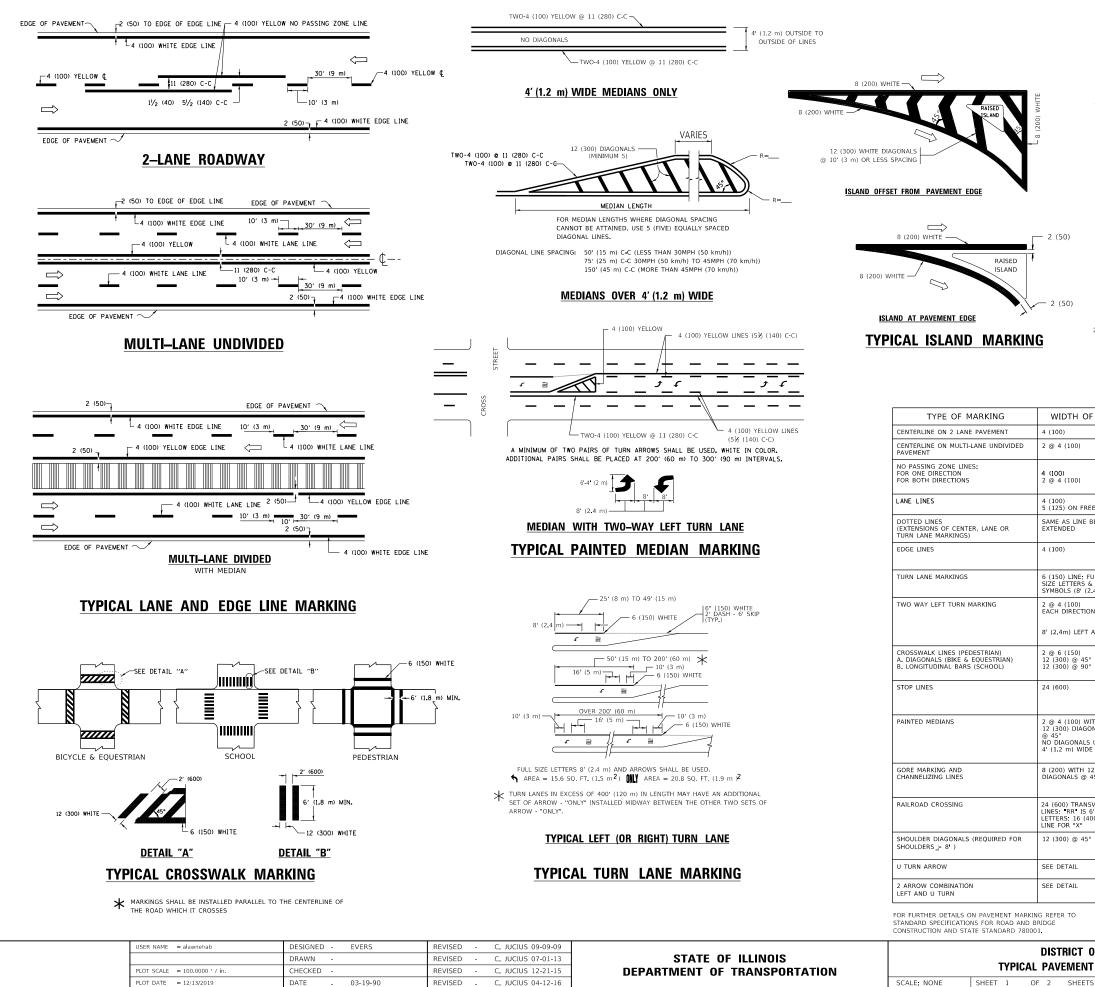
## **SYMBOLS**

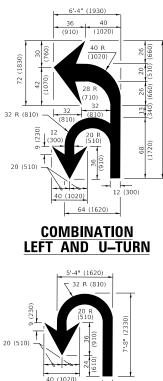
- ----- YELLOW STRIPE
- WHITE STRIPE
- ONE-WAY AMBER MARKER
- ONE-WAY CRYSTAL MARKER (W/O) ۵
- TWO-WAY AMBER MARKER ٠

## **DESIGN NOTES**

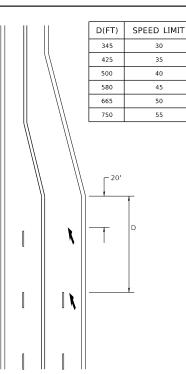
- 1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
- 2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
- 3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD 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.

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





**U_TURN** 



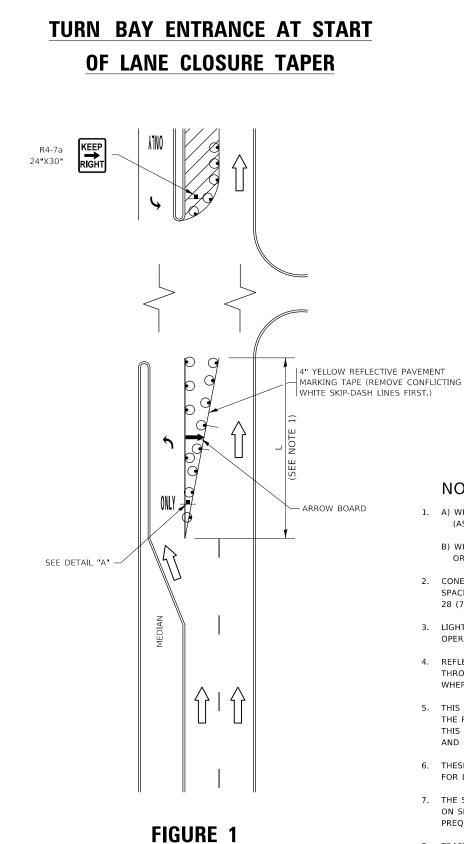
## LANE REDUCTION TRANSITION

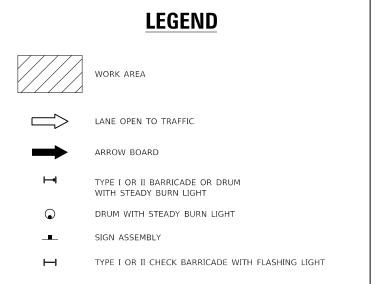
★ LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

F LINE	PATTERN	COLOR	SPACING / REMARKS
	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
	SOLID	YELLOW	11 (280) C-C
	SOLID SOLID	YELLOW YELLOW	5½ (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
EEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
BEING	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
ULL & 2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW	10° (3 m) LINE WITH 30° (9 m) SPACE FOR SKIP-DASH; 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
0	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK. IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
ITH DNALS USED FOR E MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
12 (300) 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
SVERSE 6' (1.8 m) 00)	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ, FT. (0.33 m 2EACH "X"=54.0 SQ, FT. (5.0 m 2
0	SOLID	WHITE - RIGHT YELLOW - LEFT	50 (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75 (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
	SOLID	WHITE	16.3 SF
	SOLID	WHITE	30.4 SF
			1

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

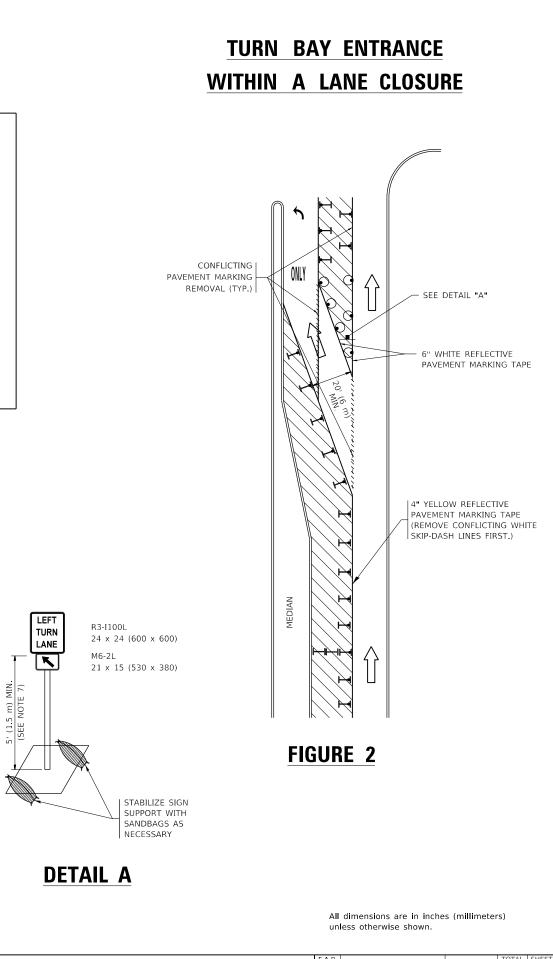
ONE				SECT	FION	COUNTY	SHEET NO.	
IT MARKINGS		378	378 2019-080-RS&SW COOK					
II WARKINGS				TC-13		CONTRACT	NO. 62	2J44
TS STA. TO STA.					ILLINOIS FED. A	ID PROJECT		



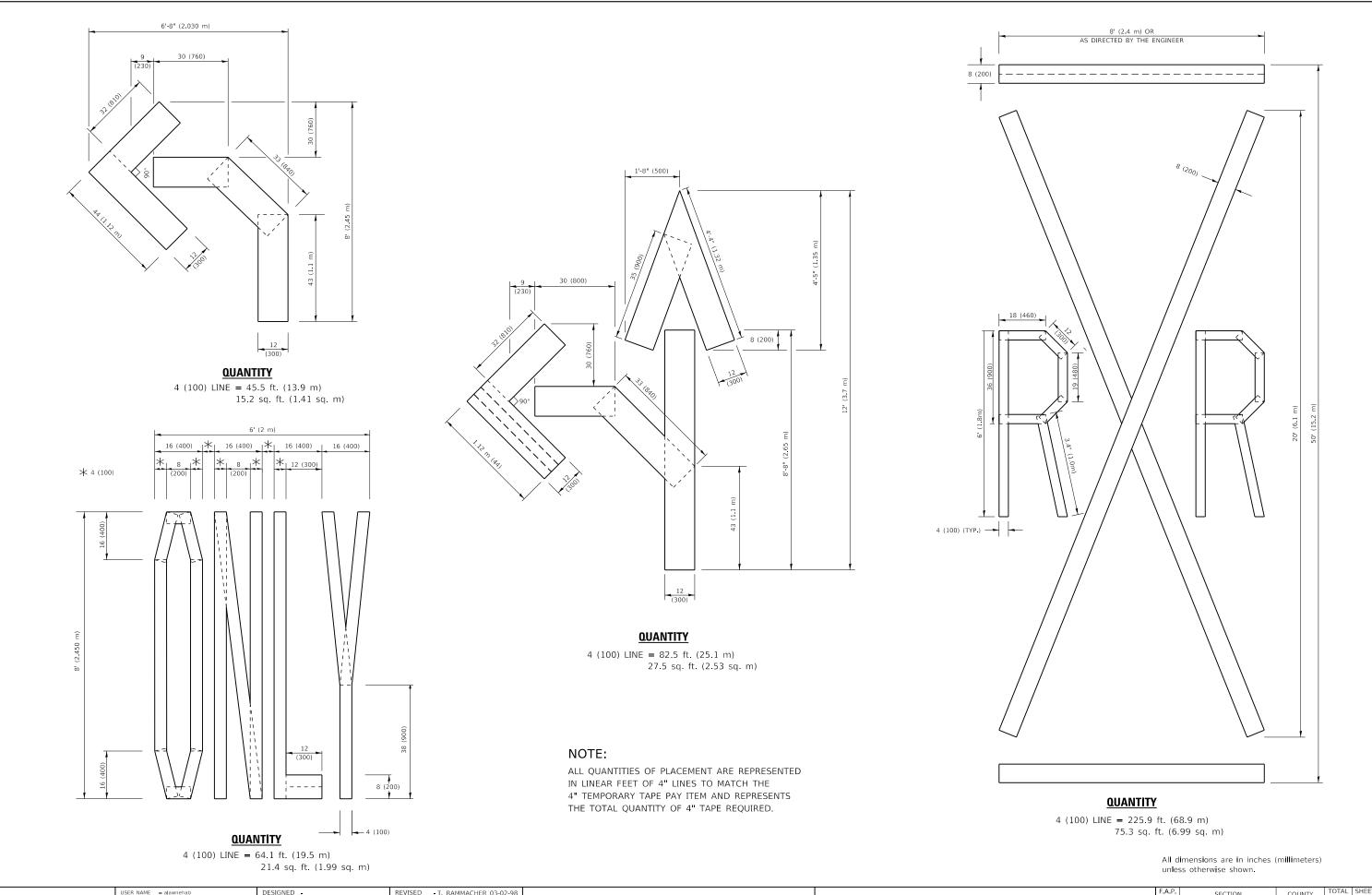


## NOTES:

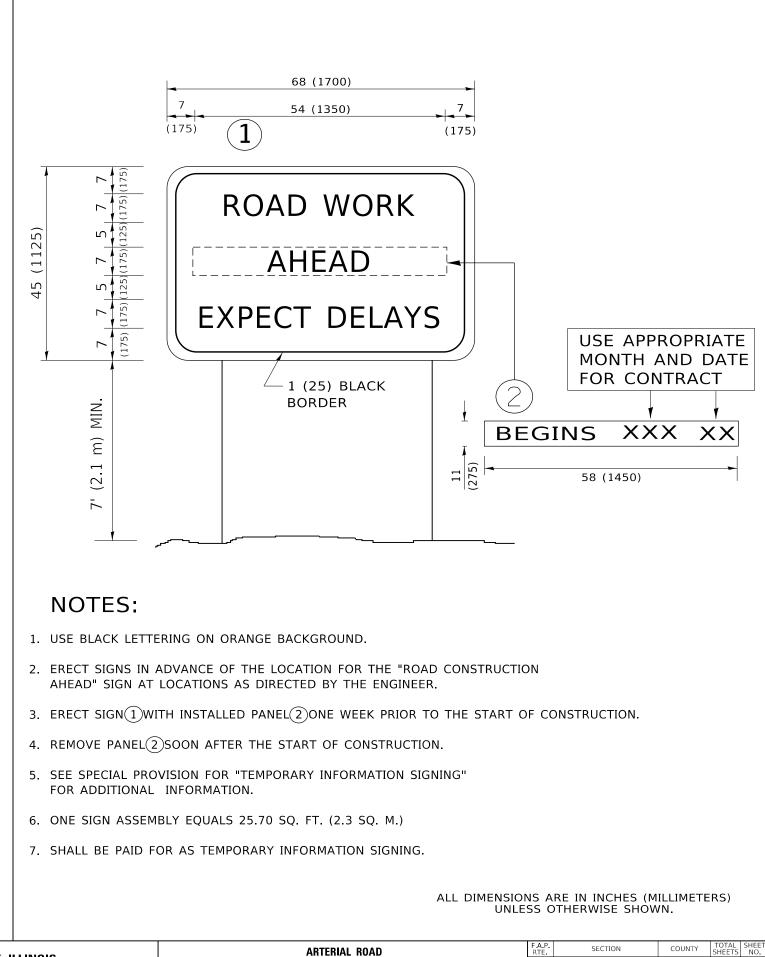
- 1. A) WHEN "L" IS ≤ THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.
  - B) WHEN "L" IS > THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
- 2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. 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 PREOUIREMENTS.
- 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.



USER NAME = alawnehab	DESIGNED - T. RAMMACHER 09-08-94 REVISED - R. BORO 09-14-09		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 SHEET SHEETS NO.
	DRAWN - A. HOUSEH 11-07-95 REVISED - A. SCHUETZE 07-01-13				2019-080-RS&SW	соок 51 47
PLOT SCALE = 100.0000 ' / in. PLOT DATE = 12/13/2019	CHECKED A HOUSEH 10-12-96 REVISED - A SCHUETZE 09-15-16 DATE T. RAMMACHER 01-06-00 REVISED -	DEPARTMENT OF TRANSPORTATION	SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.	_	TC-14 ILLINOIS FED.	AID PROJECT

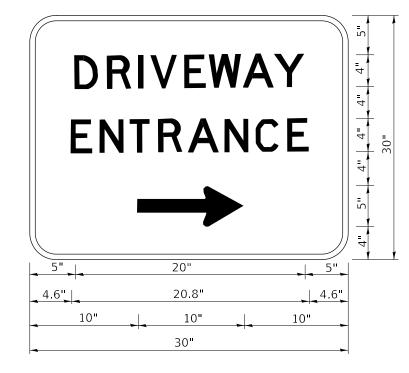


USER NAME = alawnehab	DESIGNED -	REVISED T. RAMMACHER 03-02-98						F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET
	DRAWN -	REVISED E. GOMEZ 08-28-00	STATE OF ILLINOIS	SHORT TERM PAVE	MENT MARKING	G LETTERS A	ND SYMBOLS	378	2019-080-RS&SW	СООК	51	48
PLOT SCALE = 100.0010 / in.	CHECKED -	REVISED E. GOMEZ 08-28-00	DEPARTMENT OF TRANSPORTATION						TC16	CONTRAC	CT NO. 62	2J44
PLOT DATE = 12/13/2019	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16		SCALE: NONE SHEET 1	OF 1 SHEETS	STA.	TO STA.		ILLINOIS FEI	D. AID PROJECT		



USER NAME = alawnehab	DESIGNED -	REVISED -	R. MIRS 09-15-97					ARTE	RIAL RO
	DRAWN -	REVISED -	R. MIRS 12-11-97	STATE OF ILLIN	NOIS				
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -	T. RAMMACHER 02-02-99	DEPARTMENT OF TRAN	SPORTATION			INFORM	ATION
PLOT DATE = 12/13/2019	DATE -	REVISED -	C. JUCIUS 01-31-07			SCALE: NONE	SHEET 1	OF 1	SHEETS

ARTE	RIAL RO	AD		F.A.P. RTE				COUNTY TOTAL SHEETS		SHEET NO.
INFORMATION SIGN					2019-080	СООК	51	49		
INFURIMATION SIGN					TC-22			CONTRACT	NO. 62	2J44
OF 1 SHEETS STA. TO STA.						ILLINOIS	FED. A	D PROJECT		

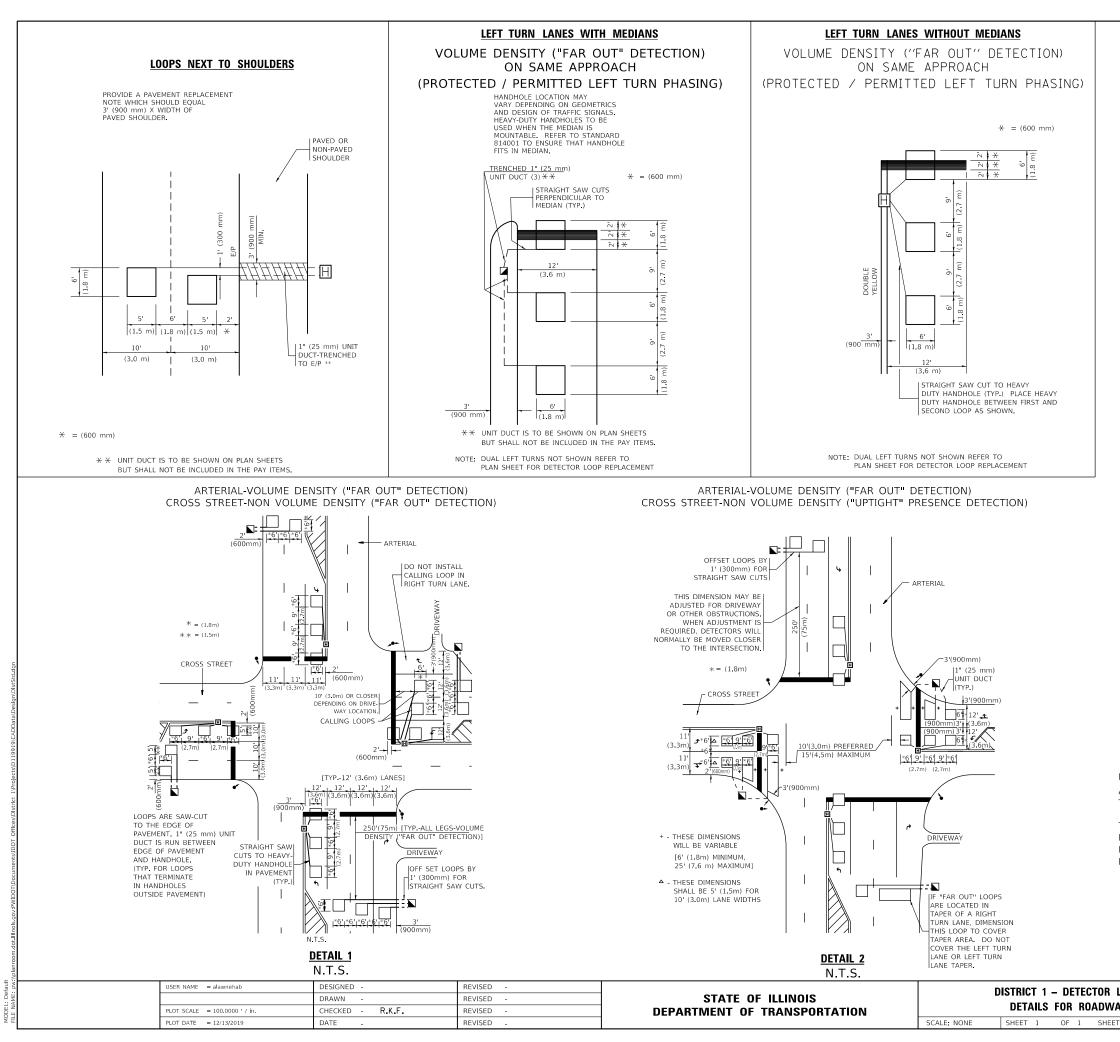


3.0" RADIUS, 0.5" BORDER, WHITE ON GREEN; REFLECTORIZED "DRIVEWAY" D; "ENTRANCE" D; STANDARD ARROW CUSTOM 12.0" x 5.0"

## 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".

_	USER NAME = alawnehab	DESIGNED -	REVISED - C JUCIUS 02-15-07				F.A.P. RTE	SECTION	COUNTY	TOTAL SHEET SHEETS NO.	
		DRAWN -	REVISED -	STATE OF ILLINOIS	DRIVEWAY ENTRANCE SIGNING			378	2019-080-RS&SW	соок	51 50
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION					TC-26	CONTRACT	T NO. 62J44
	PLOT DATE = 12/13/2019	DATE -	REVISED -		SCALE: NONE	SHEET 1 OF 2 SHEETS STA.	TO STA.		ILLINOIS FED. A	AID PROJECT	



NOTES:

## VEHICLES LOOP DETECTORS

- * ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.
- $\ast\,$  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 <u>ALL</u> 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, <u>MORE</u> 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. <u>EACH</u> ONE OF THESE TYPE OF LOOPS REQUIRES A <u>SEPARATE</u> TWO CONDUCTOR NO. 14 TWISTED SHIELDED CABLE AND A <u>SEPARATE</u> INDUCTIVE LOOP DETECTOR WHEN NEW CONTROLLERS ARE UTILIZED. THE DESIGNER SHALL LABEL THESE TYPES OF LOOPS AS "INTERSECTION AND SAMPLING (SYSTEM) DETECTORS" ON THE SIGNAL LAYOUT, THE INTERCONNECT PLAN AND THE SYSTEM CABLE PLAN. WHEN AN EXISTING CONTROLLER IS UTILIZED FOR THIS TYPE OF DETECTION, THE PAY ITEM "INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT" SHOULD BE USED.

## PLACEMENT OF DETECTORS

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

LOCATIONS AND DEMENSIONS OF DETECTOR LOOPS ARE REQUIRED ON <u>ALL</u> 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.

LOOP INSTALLATION			F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
AY RESURFACING		378	2019-080-RS&SW	соок	51	51	
TS STA. TO STA.				TS-07	CONTRACT	NO. 63	2J44
				ILLINOIS FED. A	ID PROJECT		