

F.A.U.	SECTION	COUNTY	TOTAL SHEETS	sheet no.
I366	22-00069-00-RS	COOK	41	1

FED. ROAD DIST. NO. ILLINOIS CONTRACT NO. 61M32

FOR INDEX OF SHEETS, SEE SHEET NO. 2

02-27-2026 LETTING ITEM 084

**TRAFFIC DATA**

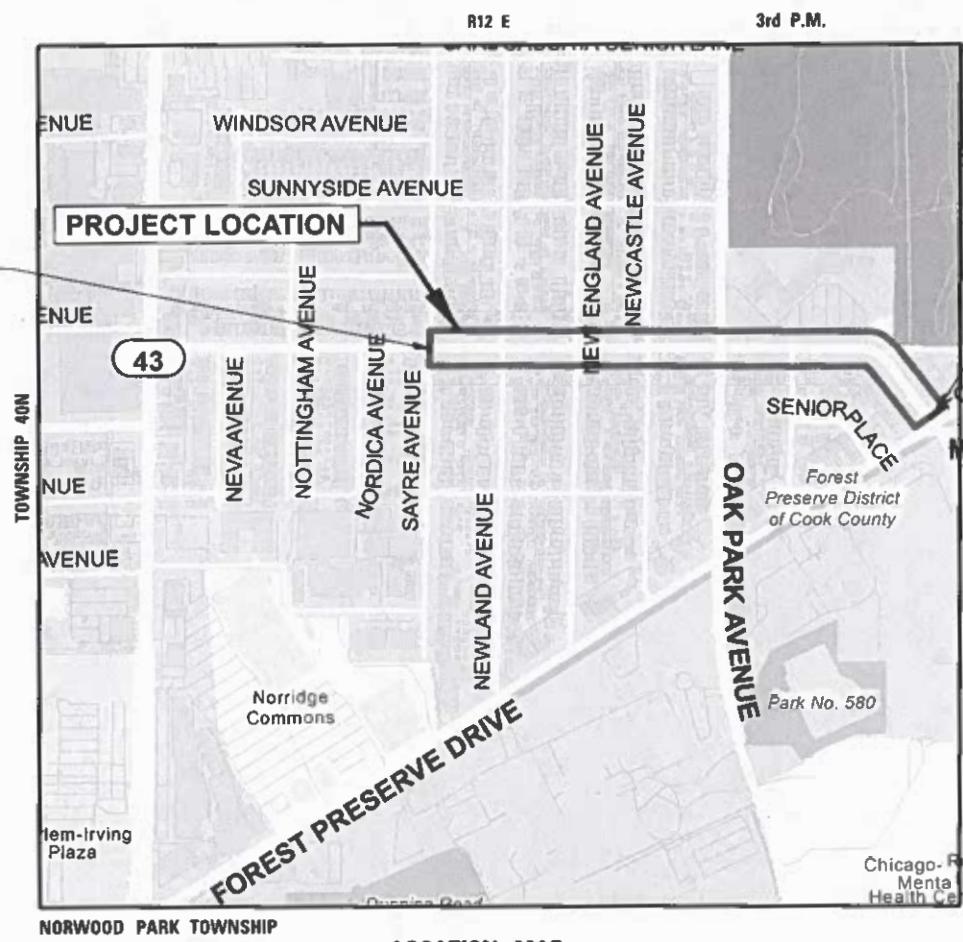
MONTROSE AVENUE  
ADT (YEAR) = 18,800 (2023)  
POSTED SPEED LIMIT = 30 MPH  
(20 MPH IN SCHOOL ZONES)

DESIGN DESIGNATION:  
MAJOR COLLECTOR

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**PLANS FOR PROPOSED  
FEDERAL AID HIGHWAY**

FAU ROUTE 1366 (MONTROSE AVENUE)  
SAYRE AVENUE TO FOREST PRESERVE DRIVE  
RESURFACING  
SECTION NO. 22-00069-00-RS  
PROJECT NO. 759Y(857)  
VILLAGE OF HARWOOD HEIGHTS  
COOK COUNTY  
C-91-119-23

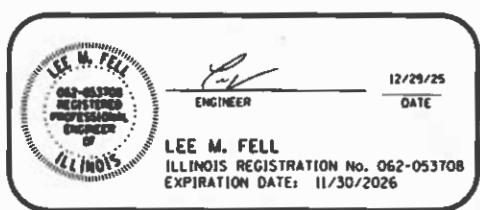


MONTROSE AVENUE  
GROSS LENGTH OF PROJECT = 2,435.940 LINEAL FEET (0.46 MILES)  
NET LENGTH OF PROJECT = 2,435.940 LINEAL FEET (0.46 MILES)

**CHRISTOPHER B. BURKE** ENGINEERING LTD.  
9575 West Higgins Road, Suite 600  
Rosemont, Illinois 60018 (847) 823-0500

PROFESSIONAL DESIGN FIRM NO. 184-001175  
EXPIRATION DATE: 04/30/27

CONTRACT NO. 61M32



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

APPROVED *12-30-26*  
*Christopher J. Bierdman*  
DRAFTSMAN

PASSED *Jan. 8<sup>th</sup> 2026*  
*Christopher J. Bierdman*  
CIVIL ENGINEER

RELEASING FOR BID BASED ON  
LIMITED REVIEW *Jan. 8<sup>th</sup> 2026*  
*Christopher J. Bierdman*  
REGIONAL ENGINEER

**PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS**

## GENERAL NOTES

### SPECIFICATIONS, STANDARDS AND SPECIAL PROVISIONS

- ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED JANUARY 1, 2022; THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2026; THE LATEST EDITION OF THE "ILLINOIS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" (IMUTCD); "THE STANDARD SPECIFICATIONS FOR WATER AND SEWER MAIN CONSTRUCTION IN ILLINOIS" JUNE 2014 SEVENTH EDITION; THE "DETAILS" IN THE PLANS; AND THE "SPECIAL PROVISIONS" INCLUDED IN THE CONTRACT DOCUMENTS.
- ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED AS THE LATEST IDOT HIGHWAY STANDARD.
- CODES OF THE IEPA TITLE 35 AND O.S.H.A. SHALL BE ADHERED TO FOR THE CONSTRUCTION OF THIS PROJECT.
- ALL TRAFFIC CONTROL AND OTHER ADVISORY SIGNS NEEDED FOR CONSTRUCTION ARE TO BE FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH SECTION 700 OF THE STANDARD SPECIFICATIONS.
- ALL REQUIRED PERMITS FROM THE PROPER GOVERNING AGENCY SHALL BE OBTAINED FOR CONSTRUCTION ALONG OR ACROSS EXISTING STREETS OR HIGHWAYS. THE CONTRACTOR SHALL MAKE ARRANGEMENTS FOR THE PROPER BRACING, SHEETING, SHORING AND OTHER REQUIRED PROTECTION OF ALL ROADWAYS BEFORE CONSTRUCTION BEGINS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO THE STREETS OR ROADWAYS AND ASSOCIATED STRUCTURES AND SHALL MAKE REPAIRS AS NECESSARY TO THE SATISFACTION OF THE AGENCY.

### UTILITIES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE OWNERS OF ALL EXISTING UTILITY FACILITIES SO THAT THE UTILITIES AND THEIR APPURTENANCES MAY BE LOCATED AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED FOR IN THE STANDARD SPECIFICATIONS.
- THE LOCATIONS OF EXISTING DRAINAGE STRUCTURES, STORM AND SANITARY SEWERS, WATER SERVICE LINES AND OTHER UTILITY LINES ARE APPROXIMATE, AND THE VILLAGE DOES NOT GUARANTEE THEIR ACCURACY. THEIR EXACT HORIZONTAL AND VERTICAL LOCATIONS ARE TO BE DETERMINED IN THE FIELD BY THE CONTRACTOR.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER.
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT 8-1-1 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, GAS AND CABLE.
- THE CONTRACTOR SHALL CONTACT IDOT'S BUREAU OF MATERIALS (PHONE 847-705-4337) AT LEAST 24 HOURS BEFORE PLACING HOT-MIX ASPHALT OR PORTLAND CEMENT CONCRETE.
- ADJUSTMENTS WITH MILLING AND GENERAL ADJUSTMENTS: UNLESS NOTED ON THE PLANS OR IN FIELD, ALL ADJUSTMENTS SHALL USE EXISTING FRAME & LID.
- CONTRACTOR SHALL POUR NEW CONCRETE BENCH ON ALL STRUCTURES NOTED IN THE PLANS OR BY THE ENGINEER IN THE FIELD.

### TRAFFIC CONTROL AND PROTECTION

- THE CONTRACTOR SHALL CONTACT KALPANA KANNAN HOSADURGA, THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR, AT [KALPANA.KANNAN.HOSADURGA@ILLINOIS.GOV] A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING.
- DURING EACH DAY OF PAVEMENT MARKING, THE CONTRACTOR SHALL CONSTRUCT THE PROJECT IN THE DIRECTION OF TRAVEL AND END AT A SIDE-STREET. CONTRACTOR SHALL INSTALL PAVEMENT MARKINGS IN THE EASTBOUND LANES STARTING AT DES PLAINES AVENUE. CONTRACTOR SHALL INSTALL PAVEMENT MARKINGS IN THE WESTBOUND LANES STARTING AT HARLEM AVENUE. CONTRACTOR SHALL MAINTAIN, AT ALL TIMES, AT LEAST ONE LANE IN EACH DIRECTION OF PERMITTED TRAVEL LANES. PAVEMENT MARKINGS SHALL BE INSTALLED AHEAD OF ALL SIGNAGE.
- ALL CONFLICTING TRAFFIC SIGNS SHALL BE COVERED AS DIRECTED BY THE ENGINEER. IN ADDITION, ANY SIGNS WHICH ARE DAMAGED DURING CONSTRUCTION BEYOND REPAIR SHALL BE REPLACED IN KIND BY THE CONTRACTOR AND TO THE SATISFACTION OF THE ENGINEER.
- THE CONTRACTOR SHALL MAINTAIN ACCESS TO ABUTTING PROPERTY DURING THE CONSTRUCTION OF THIS PROJECT EXCEPT FOR PERIODS OF SHORT DURATION, AS APPROVED BY THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF ADEQUATE SIGNS AND WARNING DEVICES TO INFORM AND PROTECT THE PUBLIC.
- TEMPORARY PAVEMENT MARKINGS OR SHORT TERM PAVEMENT MARKINGS ON INTERMEDIATE SURFACES SHALL NOT BE REMOVED, UNLESS DIRECTED BY THE ENGINEER.
- PAVEMENT MARKING TAPE TYPE IV SHALL BE USED FOR SHORT TERM PAVEMENT MARKINGS ON ALL FINAL SURFACES.

### MISCELLANEOUS

- DIMENSIONS: IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO ORDERING MATERIALS AND BEGINNING CONSTRUCTION.
- ALL SAWCUTTING SHALL BE PERFORMED PRIOR TO BEGINNING REMOVAL. ANY ITEMS OF WORK REMOVED PRIOR TO SAWCUTTING WILL NOT BE MEASURED FOR PAYMENT.
- COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT, SIDEWALK REMOVAL AND REPLACEMENT, DRIVEWAY REMOVAL AND REPLACEMENT, AND STRUCTURES TO BE ADJUSTED WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.
- THE THICKNESSES OF HOT-MIX ASPHALT MIXTURES SHOWN IN THE PLANS ARE NOMINAL. DEVIATIONS MAY OCCUR DUE TO IRREGULARITIES IN THE SURFACES OR BASIS ON WHICH THEY ARE TO BE PLACED. PLAN THICKNESSES SHOULD BE CONSIDERED THE MINIMUM THICKNESS PERMITTED.
- DETECTABLE WARNINGS SHALL BE INSTALLED AT INTERSECTING STREETS, DRIVEWAYS, AND ALLEYS AS SHOWN ON THE PLANS (SEE DETAILS ON SHEETS 16 & 17).
- CONTRACTOR SHALL NOT PLACE SOD UNTIL THE TEMPERATURE IS 80 OR LESS AND THE FORECAST FOR THE NEXT 7 DAYS SHOWS TEMPERATURES OF 80 OR LESS. IF ALL OTHER PAY ITEMS ARE COMPLETED, THE CONTRACTOR WILL NOT BE CHARGED WORKING DAYS FOR DELAYS IN PARKWAY RESTORATION DUE TO TEMPERATURE.
- NO CONSTRUCTION SHALL BEGIN UNTIL ALL PROPER TEMPORARY SIGNS AND BARRICADES HAVE BEEN INSTALLED.
- AT NO TIME SHALL LESS THAN HALF OF THE STREET BE AVAILABLE FOR PARKING.
- CONCRETE FILL BETWEEN NEW CURB AND GUTTER AND EXISTING PAVEMENT: FILLING THE GAP BETWEEN THE EXISTING PAVEMENT AND PROPOSED CURB AND GUTTER REMOVAL AND REPLACEMENT SHALL BE IN ACCORDANCE WITH IDOT HIGHWAY STANDARD 606001.
- ALL DETECTABLE WARNING TACTILES SHALL BE FIELD VERIFIED AND THE SIZE TO BE DETERMINED BY THE CONTRACTOR PRIOR TO ORDERING.
- CONTRACTOR SHALL TAKE PRECAUTION BY PRESERVING EXISTING TREES WITHIN THE RIGHT OF WAY. IF ANY DAMAGE OCCURS, TREES SHALL BE REPLACED IN KIND PER ARTICLE 201.07 REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL REQUIREMENTS STATED HEREIN.
- ANY AGGREGATE SUBGRADE CONTAMINATED AND/OR DAMAGED BY THE CONTRACTOR'S VEHICLES AND/OR EQUIPMENT IS TO BE REMOVED AND REPLACED AS DIRECTED BY THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
- BACKFILLING STORM SEWER CONSTRUCTED UNDER THE ROADWAY SPECIFIED UNDER ART. 550.07(b,c) OF THE SSRBC WILL NOT BE ALLOWED.

### COMMITMENTS

- NONE.

<b>Index of Sheets</b>	
1	COVER SHEET
2	GENERAL NOTES AND HIGHWAY STANDARDS
3-7	SUMMARY OF QUANTITIES
8	TYPICAL SECTIONS
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14-18	PROPOSED RESURFACING PLAN
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29	TRAFFIC SIGNAL DETECTOR LOOP REPLACEMENT PLANS
30	CONSTRUCTION DETAILS
31-41	IDOT D-1 DETAILS

### Highway Standards

000001-09	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
424001-12	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424021-07	DEPRESSED CORNER FOR SIDEWALKS
442201-04	CLASS D PATCHES
604001-05	FRAMES AND LIDS TYPE 1
606001-09	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701006-05	OFF ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701101-05	OFF ROAD OPERATIONS, MULTILANE, 15' TO 24" 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 OPERATIONS 40MPH OR LESS
701501-06	URBAN LANE CLOSURE, 2L, 2W, - UNDIVIDED
701502-09	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701602-10	URBAN LANE CLOSURE, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
701606-10	URBAN SINGLE LANE CLOSURE MULTILANE, 2W, WITH MOUNTABLE MEDIAN
701611-01	URBAN HALF ROAD CLOSURE MULTILANE, 2W, WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER, OR CROSSWALK CLOSURE
701901-11	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT

### District One Details

BD-08	FRAMES AND LIDS ADJUSTMENT WITH MILLING
BD-22	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT
BD-24	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT
BD-32	BUTT JOINT AND HMA TAPER DETAILS
TC-10	TRAFFIC CONTROL FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
TC-11	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)
TC-13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
TC-14	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)
TC-16	SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS
TC-22	ARTERIAL ROAD INFORMATION SIGN
TS-07	DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING

FILE NAME =	USER NAME = wblotus	DESIGNED - JEH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES AND HIGHWAY STANDARDS	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
N:\HARWOODHEIGHTS\220164\Civil\not.220164.sht		DRAWN - JEH	REVISED -			1366	22-00069-00-RS	COOK	41	2
		CHECKED - LMF	REVISED -							CONTRACT NO. 61M32
Default	PLOT SCALE = 40'	DATE - 3/2022	REVISED -			SCALE: N.T.S.	SHEET 1 OF 1 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT

**SUMMARY OF QUANTITIES**

SPECIALTY ITEM	ITEM NO.	ITEM	UNIT	CONSTRUCTION TYPE CODE 0005 (80% FEDERAL / 20% LOCAL)
	20101100	TREE TRUNK PROTECTION	EACH	12
	20101200	TREE ROOT PRUNING	EACH	12
	20101300	TREE PRUNING (1 TO 10 INCH DIAMETER)	EACH	10
	20101350	TREE PRUNING (OVER 10 INCH DIAMETER)	EACH	2
	20200100	EARTH EXCAVATION	CU YD	50
	20800150	TRENCH BACKFILL	CU YD	105
	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	640
	25200110	SODDING, SALT TOLERANT	SQ YD	640
	25200200	SUPPLEMENTAL WATERING	UNIT	35
	28000510	INLET FILTERS	EACH	19
	35101582	AGGREGATE BASE COURSE, TYPE B 2"	SQ YD	150
	35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	20
	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	8617
	40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	1.4
	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	250
	40603200	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50	TON	553
	40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	1126

\* SPECIALTY ITEM

FILE NAME = NAHARWOODHEIGHTS\220164\Civil\que.220164.knt	USER NAME = jhousah	DESIGNED - JEH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - JEH	REVISED -			1366	22-00069-00-RS	COOK	41	3
		CHECKED - LMF	REVISED -							CONTRACT NO. 61M32
Default	PLOT DATE = 1/23/2025	DATE - 3/2022	REVISED -			SCALE: N.T.S.	SHEET 1 OF 5 SHEETS	STA. TO STA.		ILLINOIS FED. AIO PROJECT

SPECIALTY ITEM	ITEM NO.	ITEM	UNIT	CONSTRUCTION TYPE CODE 0005 (80% FEDERAL / 20% LOCAL)
	42300300	PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 7 INCH	SQ YD	150
	42400800	DETECTABLE WARNINGS	SQ FT	455
	44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	12765
	44000200	DRIVEWAY PAVEMENT REMOVAL	SQ YD	170
	44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	1380
	44000600	SIDEWALK REMOVAL	SQ FT	6445
	44201737	CLASS D PATCHES, TYPE I, 8 INCH	SQ YD	135
	44201741	CLASS D PATCHES, TYPE II, 8 INCH	SQ YD	950
	44201745	CLASS D PATCHES, TYPE III, 8 INCH	SQ YD	135
	44201747	CLASS D PATCHES, TYPE IV, 8 INCH	SQ YD	135
	45100100	CRACK ROUTING (PAVEMENT)	FOOT	5000
	45100200	CRACK FILLING	POUND	850
	550A2320	STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1, 12"	FOOT	209
	55100500	STORM SEWER REMOVAL 12"	FOOT	209
	60206905	CATCH BASINS, TYPE C, TYPE 1 FRAME, OPEN LID	EACH	1
	60300305	FRAMES AND LIDS TO BE ADJUSTED	EACH	25

\* SPECIALTY ITEM

FILE NAME =  
N:\HARWOODHEIGHTS\223164\Civil\qua.220101.2.sht  
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USER NAME = woleftus  
DRAWN - JEH  
PLOT SCALE = 40'  
PLOT DATE = 12/29/2025

DESIGNED - JEH  
REVISED -  
CHECKED - LMF  
DATE - 3/2022

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 2 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	HEET NO.
1366	22-00069-00-R5	COOK	41	4
				CONTRACT NO. 61M32
				ILLINOIS FED. AID PROJECT

SPECIALTY ITEM	ITEM NO.	ITEM	UNIT	CONSTRUCTION TYPE CODE 0005 (80% FEDERAL / 20% LOCAL)
	60404300	FRAMES AND GRATES, TYPE 3	EACH	5
	60406000	FRAMES AND LIDS, TYPE 1, OPEN LID	EACH	5
	60406100	FRAMES AND LIDS, TYPE 1, CLOSED LID	EACH	5
	60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	1380
	67100100	MOBILIZATION	LSUM	1
	70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	LSUM	1
	70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	LSUM	1
	70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	LSUM	1
	70102634	TRAFFIC CONTROL AND PROTECTION, STANDARD 701611	LSUM	1
	70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	LSUM	1
	70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	LSUM	1
	70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	LSUM	1
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	3250
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	1125
	70300211	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS - PAINT	SQ FT	294
	70300221	TEMPORARY PAVEMENT MARKING - LINE 4" - PAINT	FOOT	1000

\* SPECIALTY ITEM

FILE NAME : N:\HARWOODHEIGHTS\22316\Civil\que.2201G13.sht	USER NAME : wolfus	DESIGNED - JEH	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>			
Default		DRAWN - JEH	REVISED -					
PLOT SCALE = 40'		CHECKED - LMF	REVISED -					
PLOT DATE = 12/29/2025		DATE - 3/2022	REVISED -					

SCALE: N.T.S.	SCALE: N.T.S.	SECTION	COUNTY	TOTAL SHEETS
		1366	COOK	41 5
				CONTRACT NO. 61M32
				ILLINOIS FED. AID PROJECT

SPECIALTY ITEM	ITEM NO.	ITEM	UNIT	CONSTRUCTION TYPE CODE 0005 (80% FEDERAL / 20% LOCAL)
	70300241	TEMPORARY PAVEMENT MARKING - LINE 6"- PAINT	FOOT	1200
	70300261	TEMPORARY PAVEMENT MARKING - LINE 12"- PAINT	FOOT	2400
	70300281	TEMPORARY PAVEMENT MARKING - LINE 24"- PAINT	FOOT	1700
	70307120	TEMPORARY PAVEMENT MARKING - LINE 4"- TYPE IV TAPE	FOOT	3250
*	72000100	SIGN PANEL - TYPE 1	SQ FT	375
	72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	105
*	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	250
*	72900100	METAL POST - TYPE A	FOOT	560
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	294
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	5026
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	605
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	3785
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	420
*	X0325714	FLASHING BEACON, POST MOUNTED, SOLAR POWERED INSTALLATION	EACH	2
	X4060280	HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3"	SQ YD	20
	X4240430	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL	SQ FT	6445

\* SPECIALTY ITEM

FILE NAME = N:\HARWOODHEIGHTS\220164\Civil\qds_220164.sldt	USER NAME = vblotws	DESIGNED - JEH	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>SUMMARY OF QUANTITIES</b>			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1-4.sldt	DRAWN - JEH	REVISED -	1356					22-00069-00-RS	COOK	41	6	
PLOT SCALE = 40'	CHECKED - LMF	REVISED -										
PLOT DATE = 12/29/2025	DATE - 3/2022	REVISED -	SCALE: N.T.S.		SHEET 4 OF 5 SHEETS	STA.	TO STA.	CONTRACT NO. 61M32				
Default								ILLINOIS	FED. AID PROJECT			

SPECIALTY ITEM	ITEM NO.	ITEM	UNIT	CONSTRUCTION TYPE CODE 0005 (80% FEDERAL / 20% LOCAL)
	X6024240	INLETS (SPECIAL)	EACH	1
	X7200061	TEMPORARY INFORMATION SIGNING	SQ FT	52
*	X8860105	DETECTOR LOOP REPLACEMENT	FOOT	750
	XX005431	LOCATING UNDERGROUND UTILITY	EACH	10
	XX007092	RECESSED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	70
*	X7810300	RECESSED REFLECTIVE PAVEMENT MARKER	EACH	70
	Z0013798	CONSTRUCTION LAYOUT	LSUM	1
	Z0018100	DRAINAGE STRUCTURE ADJUSTMENT (SPECIAL)	EACH	14
*	Z0036200	PAINT CURB	FOOT	800
	Z0051398	REMOVE EXISTING SIGN POST	EACH	46

\* SPECIALTY ITEM

FILE NAME =  
N:\HARWOOD HEIGHTS\220164\Civil\que.220164.5.sht  
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USER NAME = wblotus  
DRAWN - JEH  
PLOT SCALE = 40'  
PLOT DATE = 12/29/2025

DESIGNED - JEH  
REVISED -  
CHECKED - LMF  
DATE - 3/2022

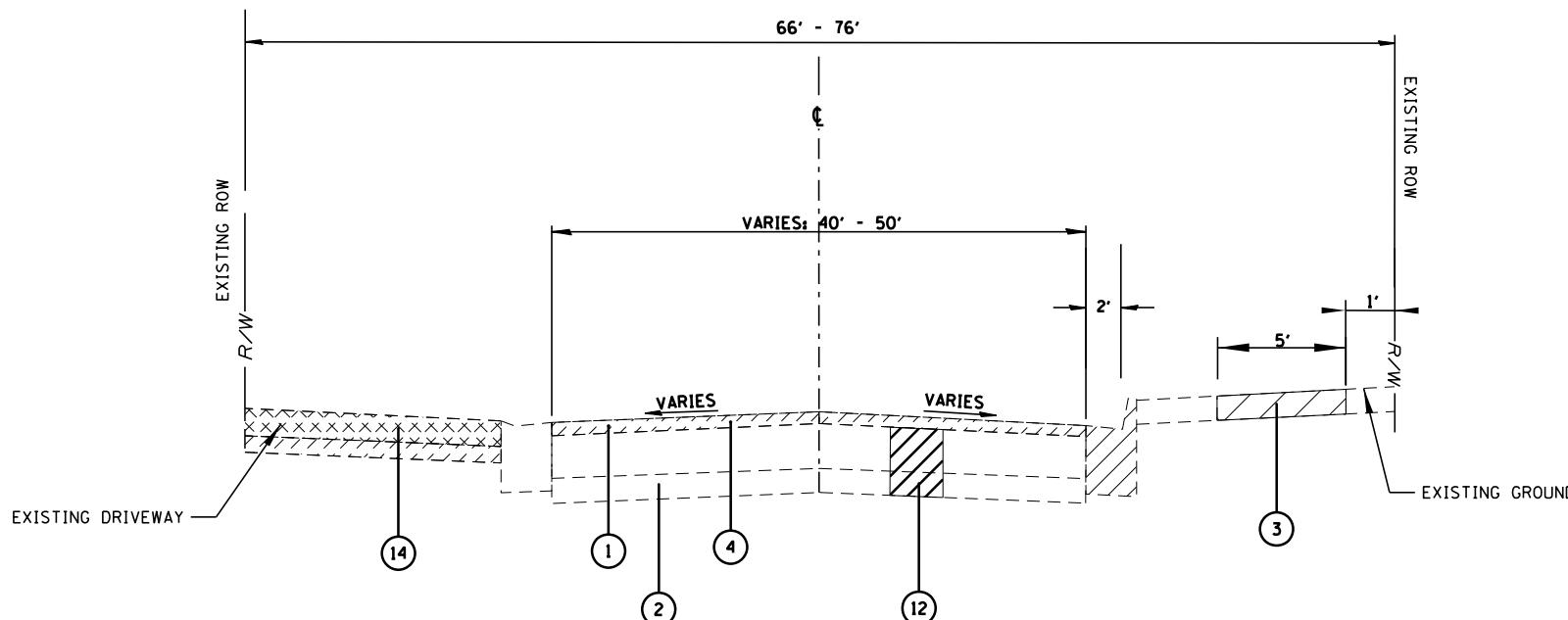
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: N.T.S. SHEET 5 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1366	22-00069-00-RS	COOK	41	7
CONTRACT NO. 61M32				
ILLINOIS FED. AID PROJECT				



EXISTING TYPICAL SECTION

STA. 50+02.87 - STA. 74+32.09

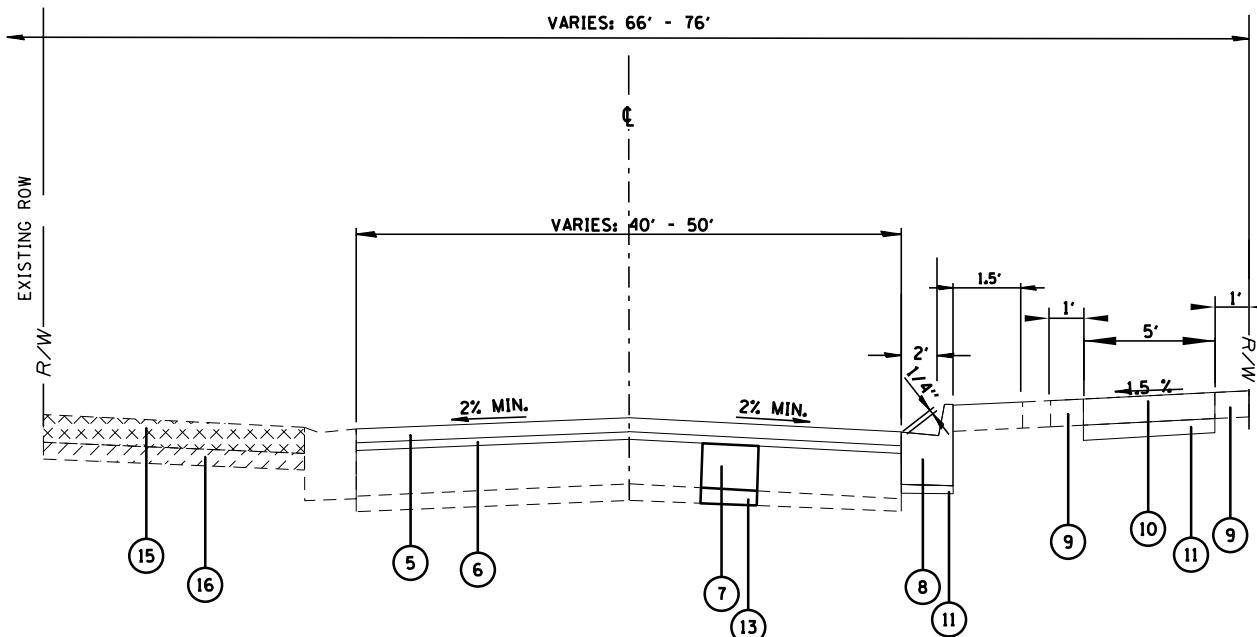


REMOVAL ITEMS

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		
MIXTURE TYPE	AIR Voids (%)	OMP
ROADWAY RESURFACING		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX 'D', N50; 1.5"	4.0% @ 50 GYR.	LR1030-2
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50; 0.75"	3.5% @ 50 GYR.	LR1030-2
PAVEMENT PATCHING		
CLASS D PATCHES, CLASS I-IV, 8 INCH CLASS D PATCHES (HMA BINDER, IL-19.0mm)	4.0% @ 70 GYR.	LR1030-2
HOT-MIX ASPHALT DRIVEWAY PAVEMENT, 3"		
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX 'D', N50; 3" (IN 2 LIFTS)	4.0% @ 50 GYR.	LR1030-2
OMP DESIGNATION: OC/QA PER LOCAL ROADS SPECIFICATION LR1030-2		

NOTES:

1. THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SY/IN.
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 RECLAIMED MATERIALS SPECIFICATIONS.
3. PAVING OF THE FULL ROADWAY WIDTH SHALL BE COMPLETED AT THE END OF EACH DAY OF PAVING TO PREVENT A LONGITUDINAL COLD JOINT FROM APPEARING WHEN OPPOSITE SIDES OF THE ROAD ARE PAVED ON DIFFERENT DAYS. THE CONTRACTOR SHALL ALSO ENSURE THAT AT THE END OF EACH DAY EACH PASS ENDS AT APPROXIMATELY THE SAME STATION TO PREVENT A COLD JOINT.
4. PAVEMENT PATCHES SHALL BE COMPLETED FOLLOWING HMA SURFACE REMOVAL.



PROPOSED TYPICAL SECTION

STA. 50+02.87 - STA. 74+32.09

LEGEND:

- 1 EXISTING HOT-MIX ASPHALT PAVEMENT
- 2 EXISTING AGGREGATE SUBBASE
- 3 EXISTING PCC SIDEWALK/SIDEWALK REMOVAL
- 4 HOT-MIX ASPHALT SURFACE REMOVAL, 2"
- 5 HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX 'D', N50 - 1.5"
- 6 POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 - 0.75"
- 7 CLASS D PATCHES, TYPE I-IV, 8 INCH (AS DETERMINED BY ENGINEER IN FIELD)
- 8 COMBINATION CURB AND GUTTER, TYPE B-6.12 (AS DETERMINED BY ENGINEER IN FIELD)
- 9 SODDING, SALT TOLERANT
- 10 PROPOSED PCC SIDEWALK 5 INCH REMOVAL AND REPLACEMENT (AS DETERMINED BY ENGINEER IN FIELD)
- 11 SUBBASE GRANULAR MATERIAL, 4" (INCLUDED IN COST OF COMBINATION CURB AND GUTTER, TYPE B-6.12 & PCC SIDEWALK 5 INCH, SPECIAL)
- 12 REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL
- 13 POROUS GRANULAR EMBANKMENT
- 14 DRIVEWAY PAVEMENT REMOVAL
- 15 PCC DRIVEWAY PAVEMENT, 7 INCH/HMA DRIVEWAY PAVEMENT 3"
- 16 SUBBASE GRANULAR MATERIAL, TYPE B 2"/6"

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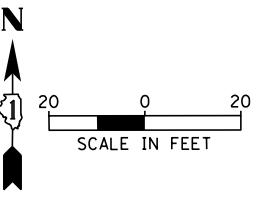
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1366	22-00069-00-RS	COOK	41	8
				CONTRACT NO. 61M32

ILLINOIS FED. AID PROJECT



**LEGEND:**

HOT-MIX ASPHALT SURFACE REMOVAL - 2"

COMBINATION CURB AND GUTTER REMOVAL

BUTT JOINT

SIDEWALK REMOVAL

DRIVEWAY PAVEMENT REMOVAL

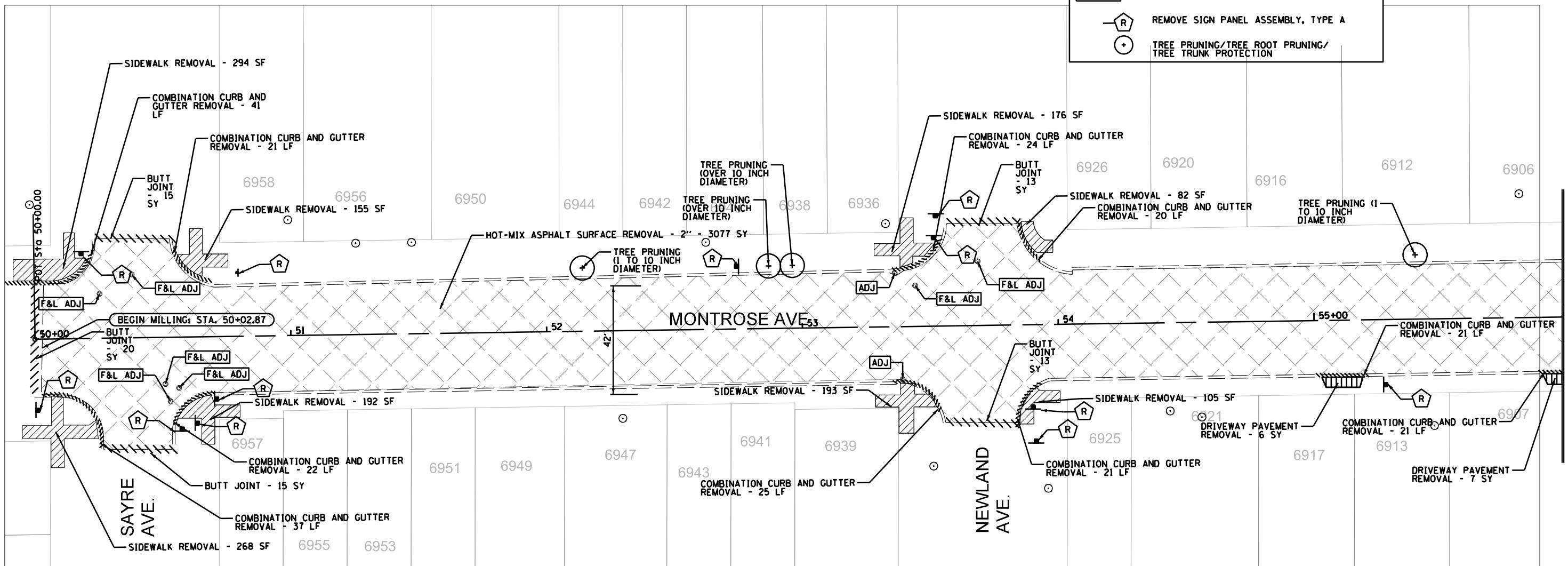
STORM SEWER REMOVAL 12"

DRAINAGE STRUCTURE ADJUSTMENT (SPECIAL)

FRAMES AND LIDS TO BE ADJUSTED

REMOVE SIGN PANEL ASSEMBLY, TYPE A

TREE PRUNING/TREE ROOT PRUNING/  
TREE TRUNK PROTECTION



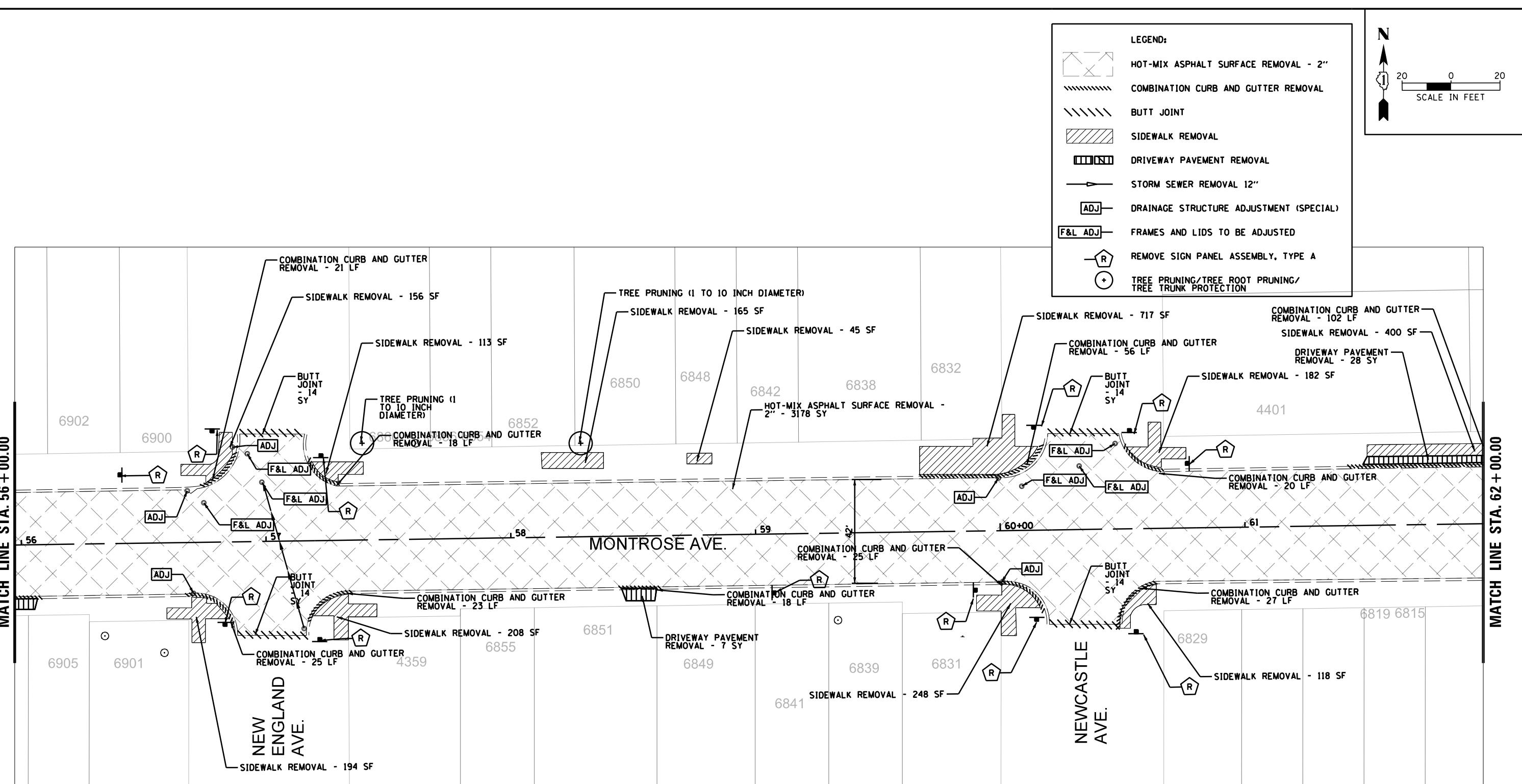
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Default	PLOT DATE = 1/21/2026	DATE -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

## **EXISTING CONDITIONS AND REMOVAL PLAN**

EXISTING CONDITIONS AND REMOVAL PLAN					F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE:					1366	22-00069-00-RS	COOK	41	9
					CONTRACT NO. 61M32				
					ILLINOIS FED. AID PROJECT				



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- montrose.sht
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PLOT DATE = 1/21/2026

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DATE	-	3/2022

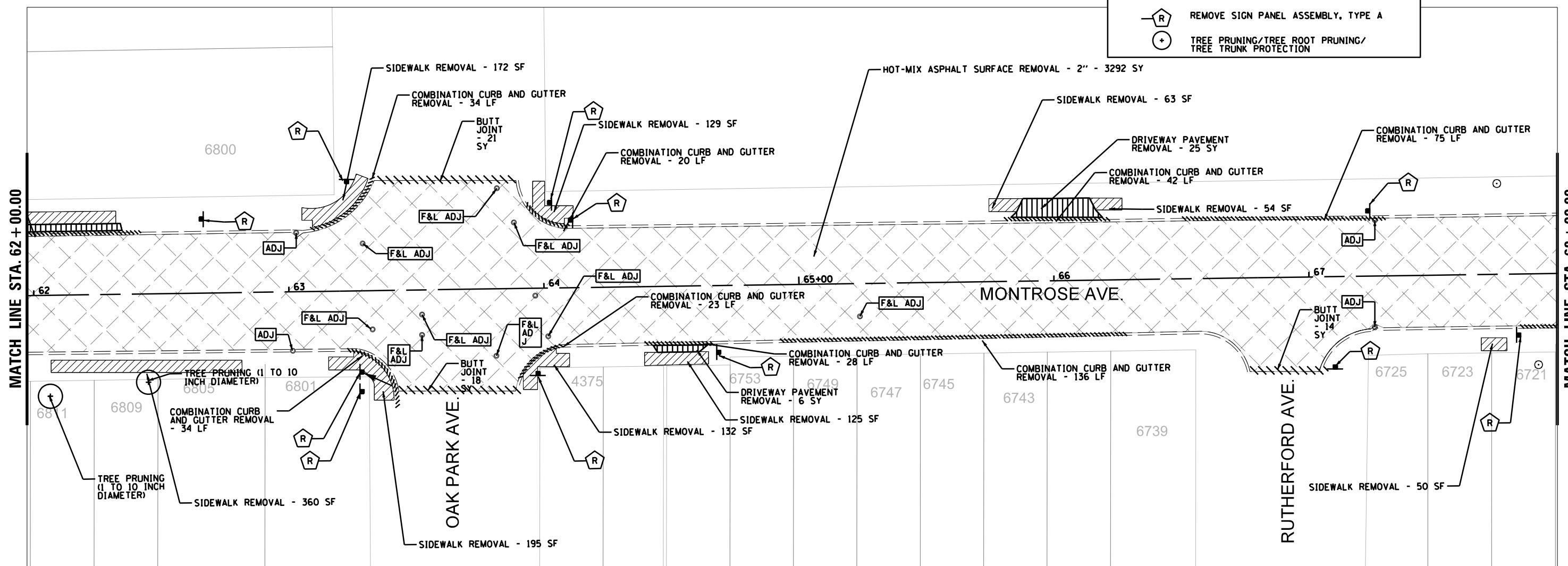
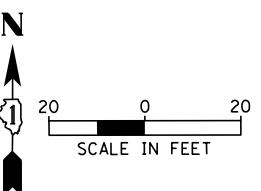
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

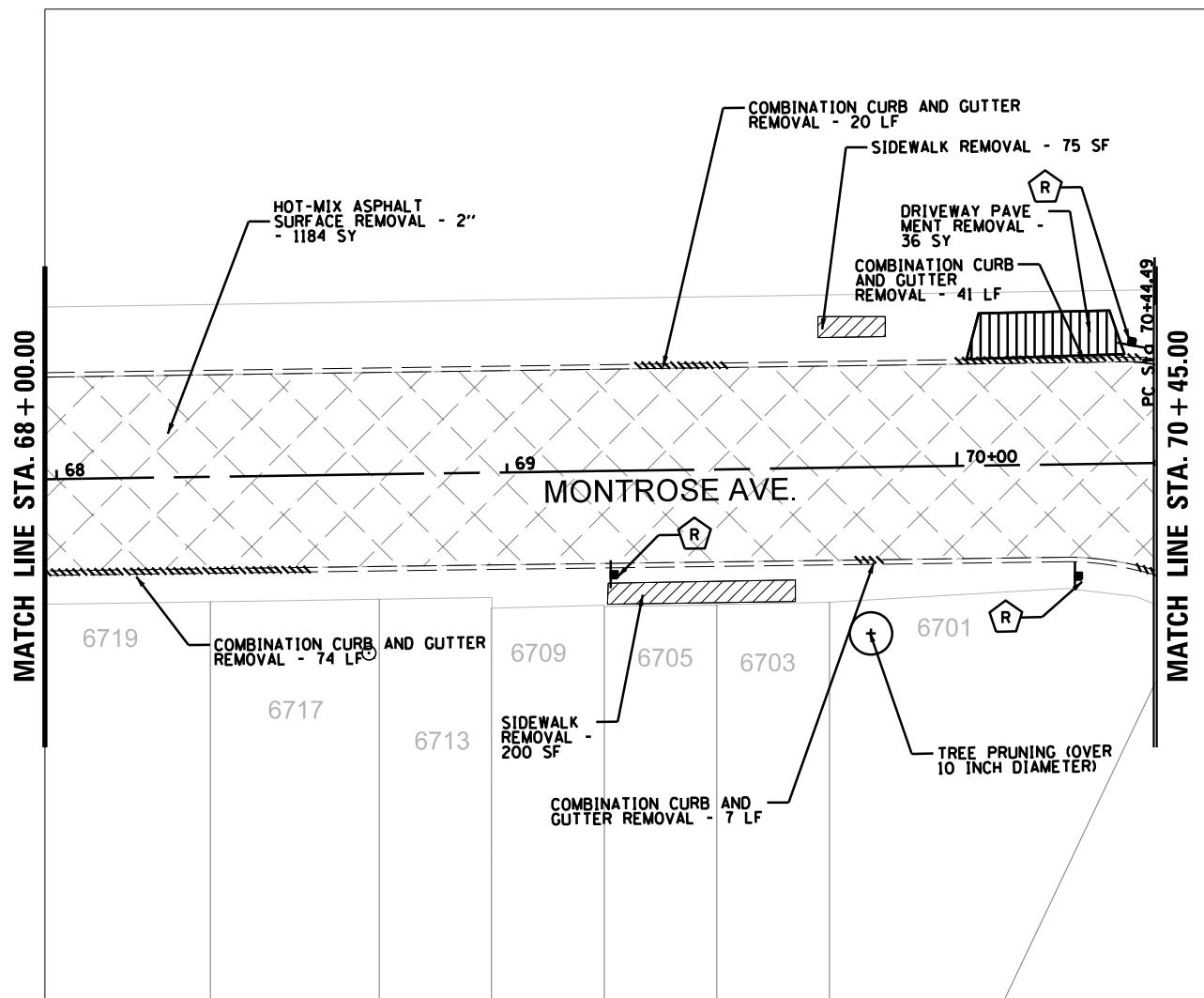
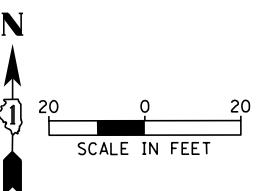
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1366	22-00069-00-RS	COOK	41	10
<b>CONTRACT NO. 61M32</b>				
ILLINOIS FED. AID PROJECT				

LEGEND:	
	HOT-MIX ASPHALT SURFACE REMOVAL - 2"
	COMBINATION CURB AND GUTTER REMOVAL
	BUTT JOINT
	SIDEWALK REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	STORM SEWER REMOVAL 12"
	DRAINAGE STRUCTURE ADJUSTMENT (SPECIAL)
	FRAMES AND LIDS TO BE ADJUSTED
	REMOVE SIGN PANEL ASSEMBLY, TYPE A
	TREE PRUNING/TREE ROOT PRUNING/TREE TRUNK PROTECTION



LEGEND:	
	HOT-MIX ASPHALT SURFACE REMOVAL - 2"
	COMBINATION CURB AND GUTTER REMOVAL
	BUTT JOINT
	SIDEWALK REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	STORM SEWER REMOVAL 12"
	DRAINAGE STRUCTURE ADJUSTMENT (SPECIAL)
	FRAMES AND LIDS TO BE ADJUSTED
	REMOVE SIGN PANEL ASSEMBLY, TYPE A
	TREE PRUNING/TREE ROOT PRUNING/TREE TRUNK PROTECTION



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DESIGNED - JEH  
DRAWN - JEH  
CHECKED - LMF  
DATE - 3/2022

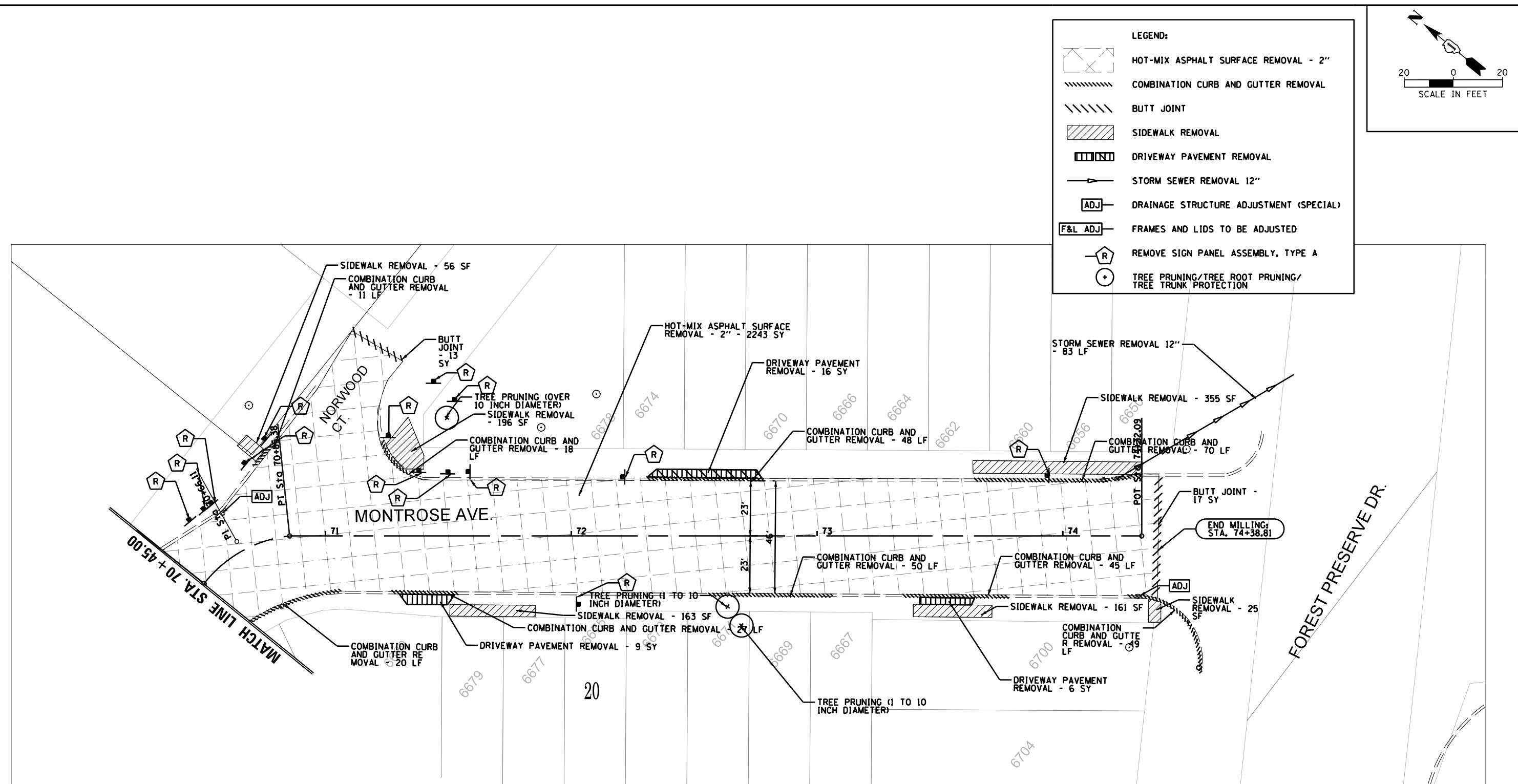
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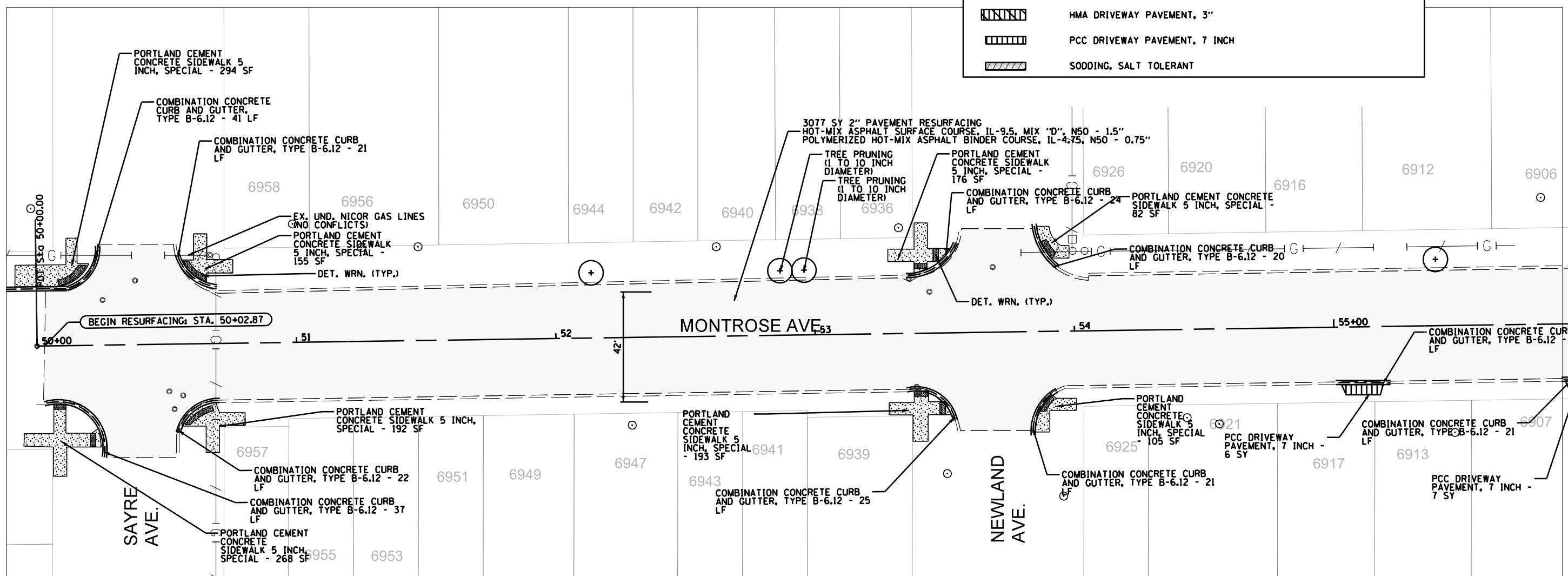
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING CONDITIONS AND REMOVAL PLAN

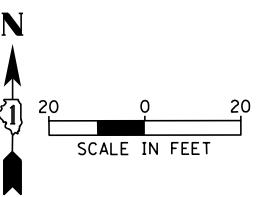
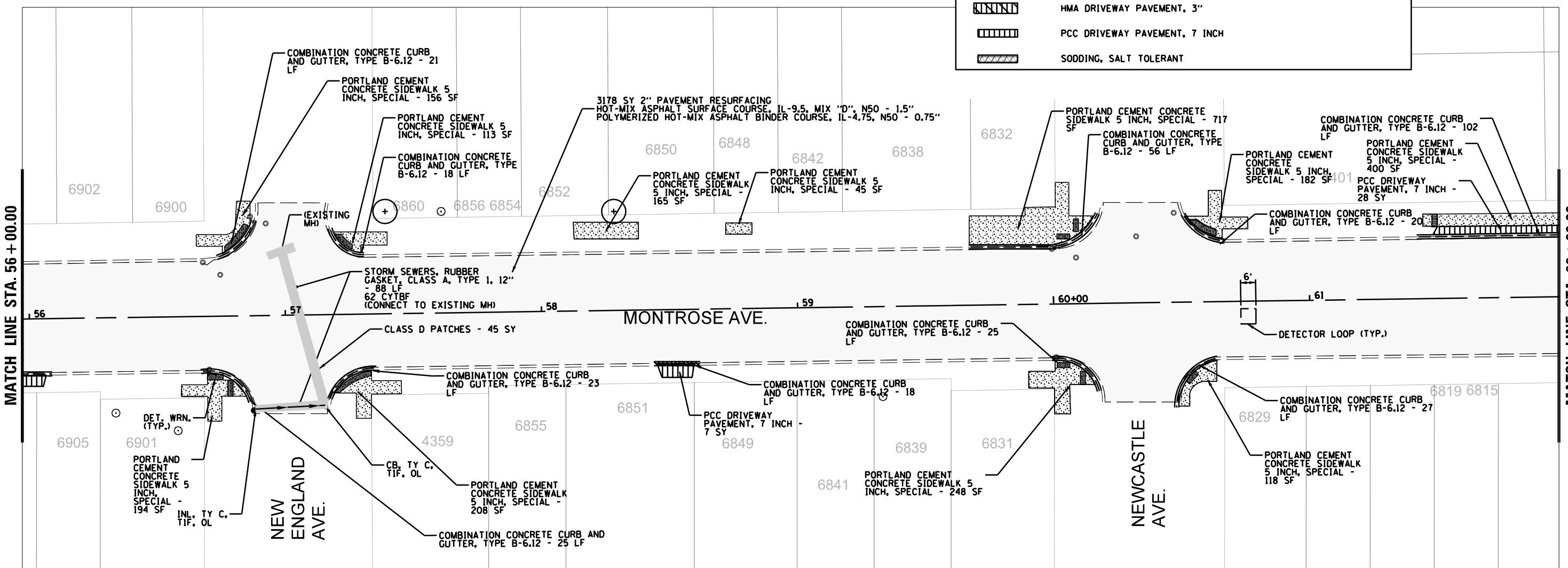
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	HEET NO.
1366	22-00069-00-RS	COOK	41	12
CONTRACT NO. 61M32				ILLINOIS FED. AID PROJECT





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PLOT DATE = 1/21/2026	DATE - 3/2022	REVISED -	REVISED -		SCALE: _____	SHEET _____ OF _____ SHEETS	STA. _____	TO STA. _____	ILLINOIS FED. AID PROJECT				



### LEGEND:

 PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH, SPECIAL

 DETECTABLE WARNINGS

 COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12

 2" PAVEMENT RESURFACING  
HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50 - 1.5"  
POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 - 0.75"

 CLASS D PATCHES

 STORM SEWERS, RUBBER GASKET, CLASS A, TYPE 1, 12"

 CATCH BASIN, TYPE C, TYPE 1 FRAME, OPEN LID

 HMA DRIVEWAY PAVEMENT, 3"

 PCC DRIVEWAY PAVEMENT, 7 INCH

 SODDING, SALT TOLERANT

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e.sht	DRA
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DATE = 1/21/2026	DA

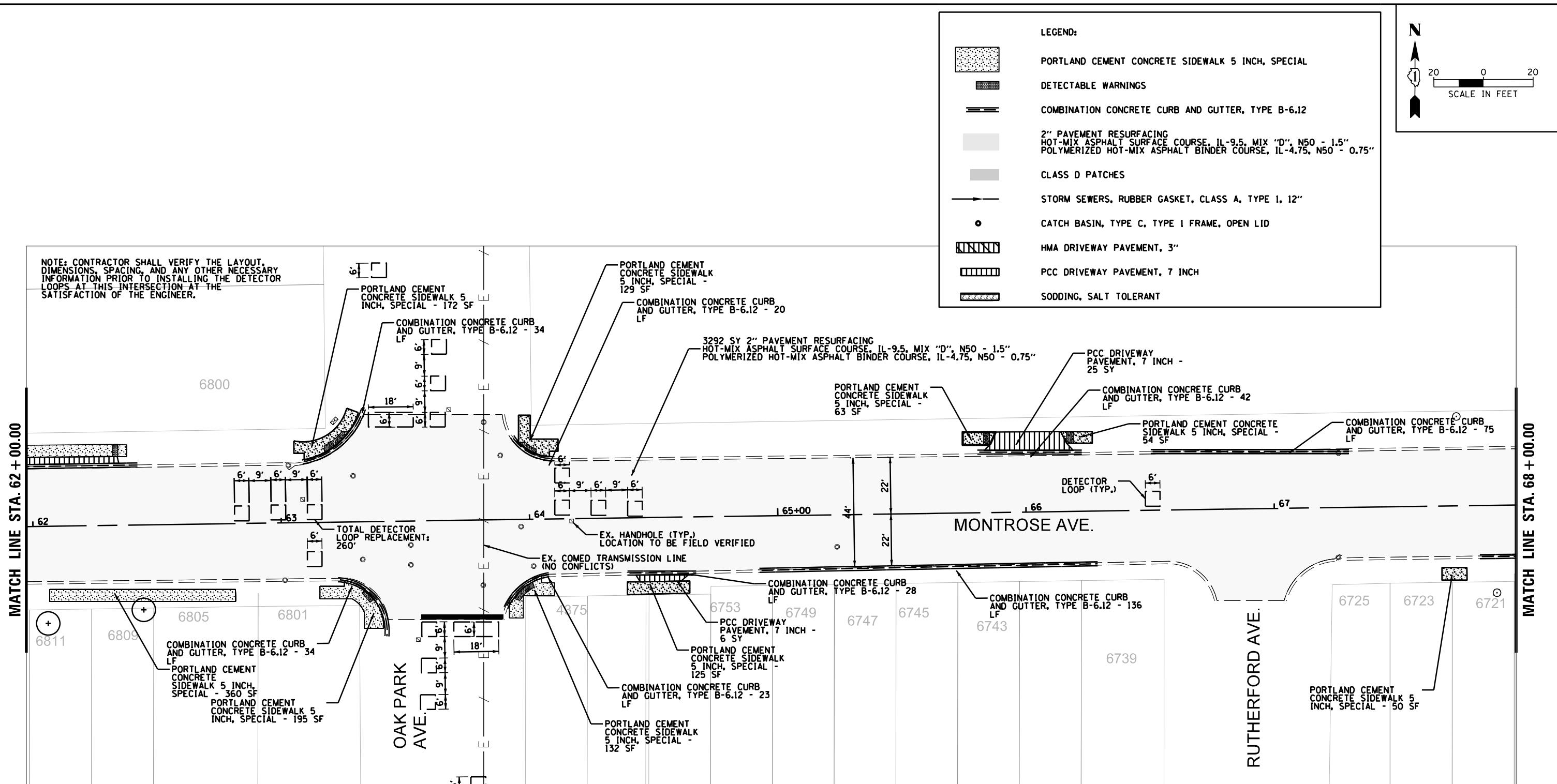
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TE	-	3/2022	REVISED

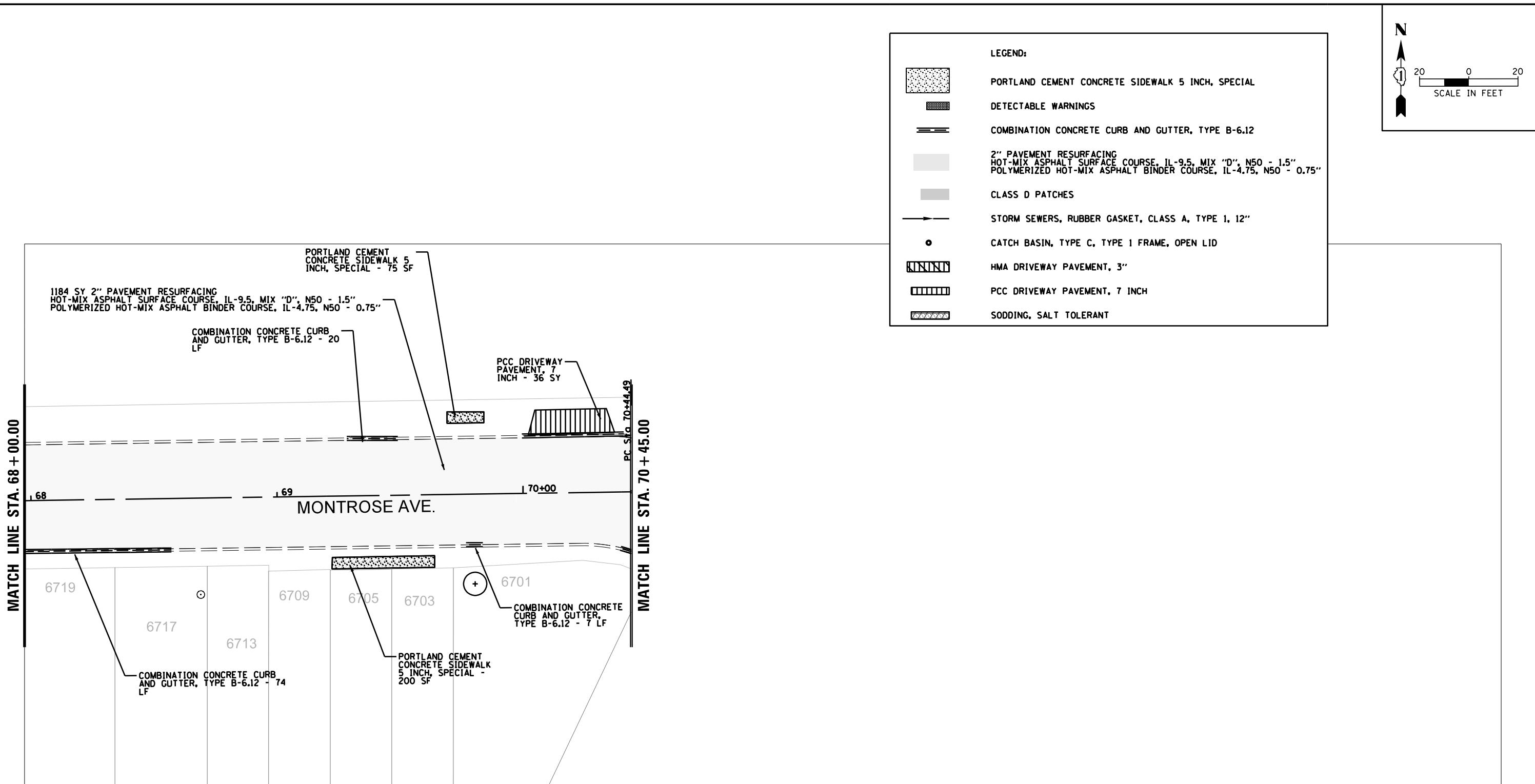
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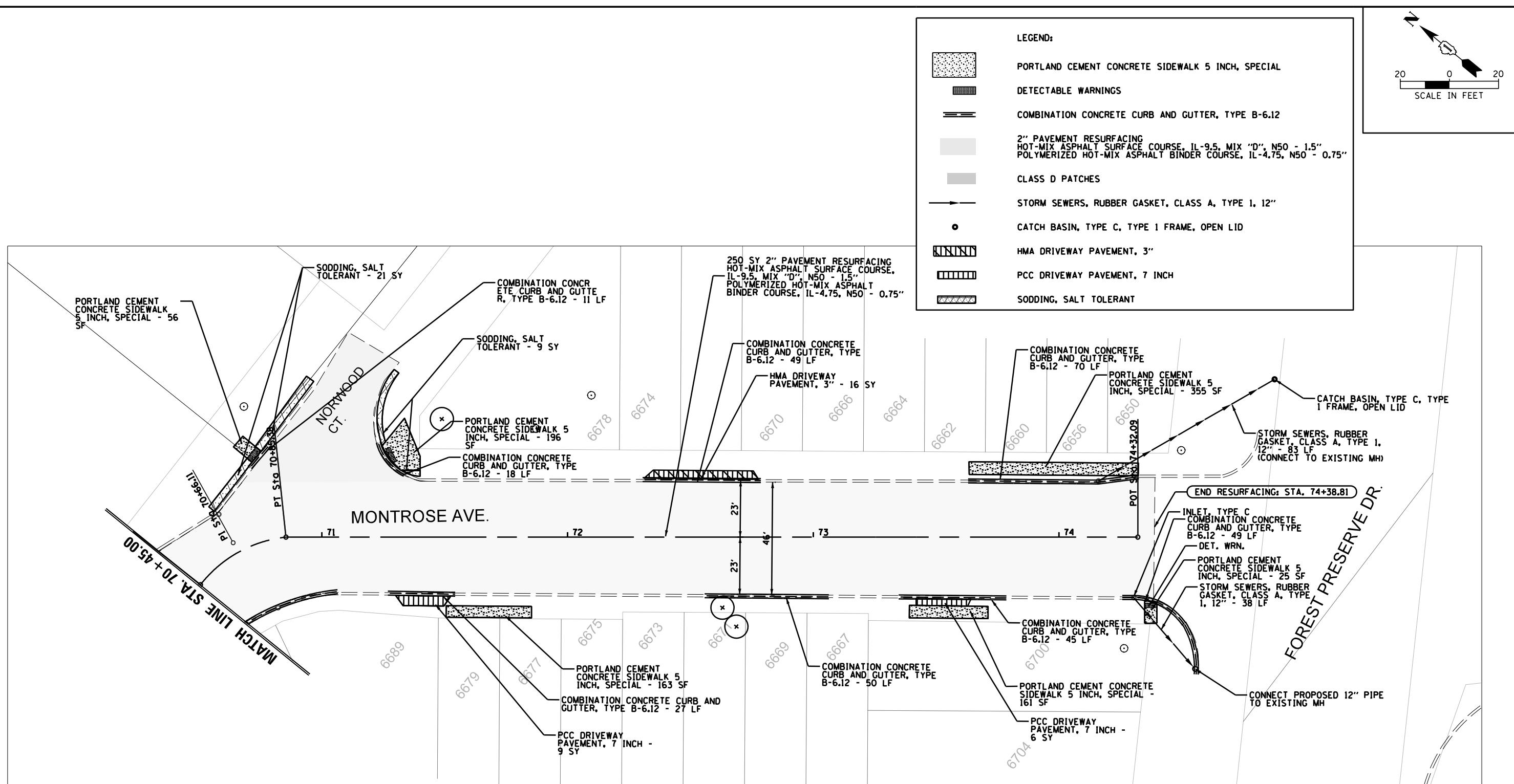
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

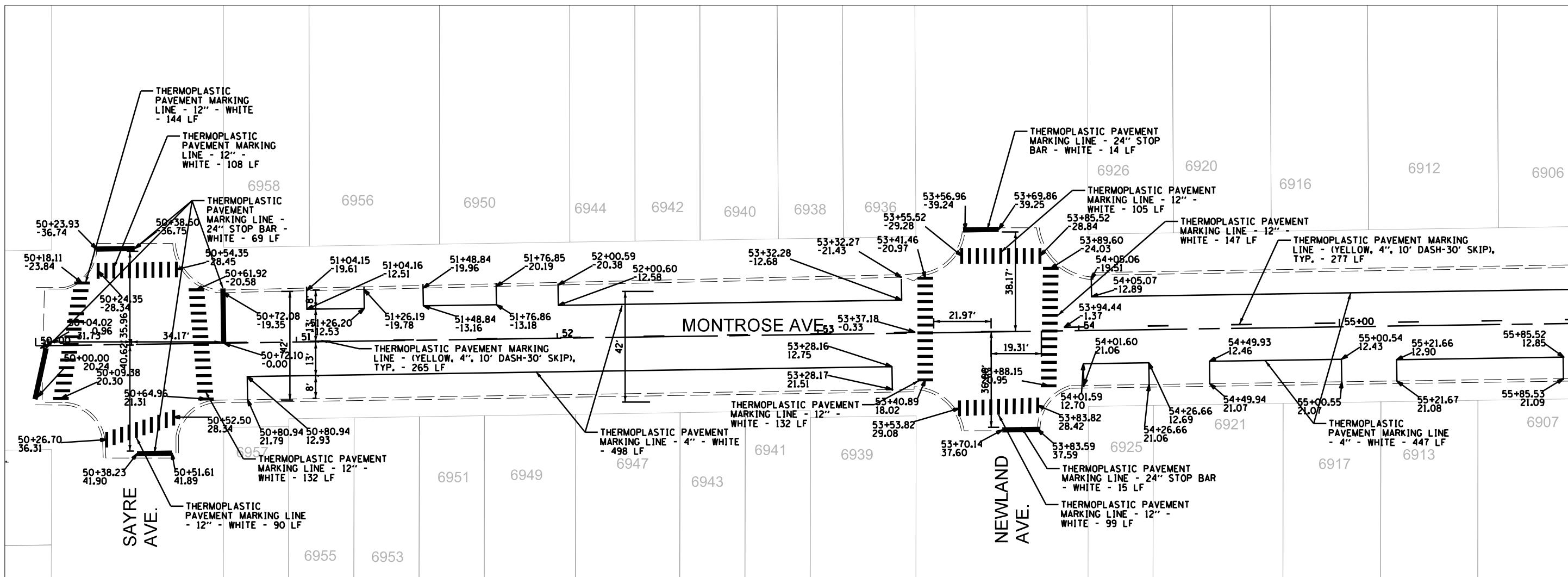
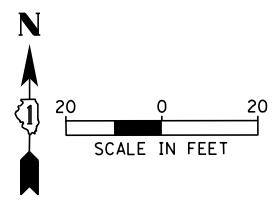
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1366	22-00069-00-RS	COOK	41	15
<b>CONTRACT NO. 61M32</b>				
ILLINOIS FED. AID PROJECT				









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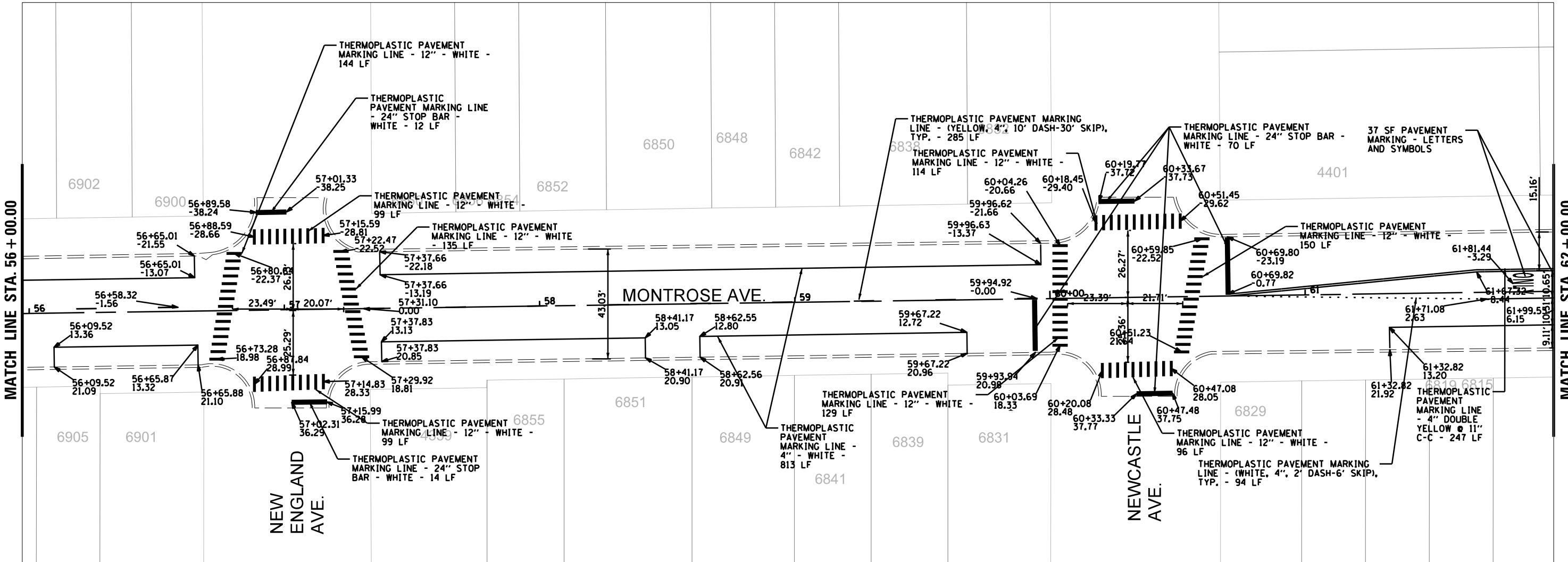
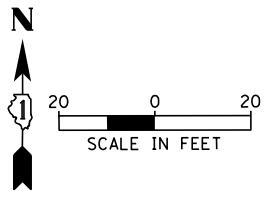
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DEPARTMENT OF TRANSPORTATION

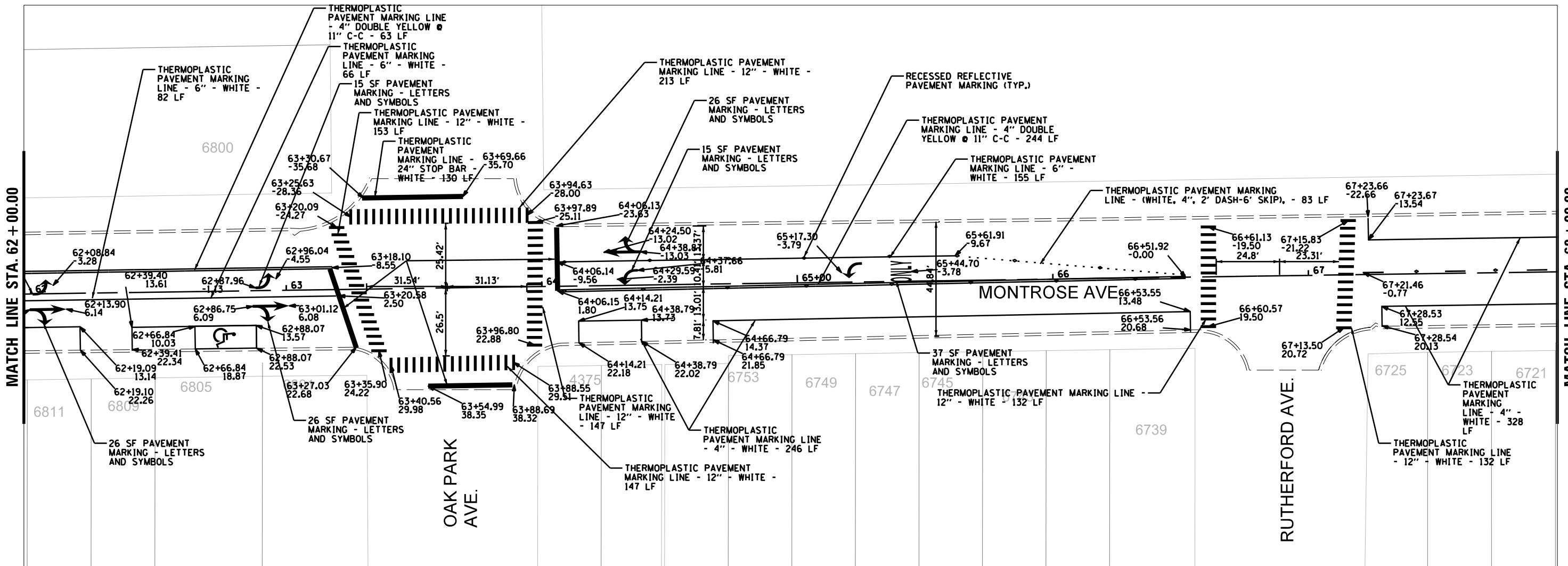
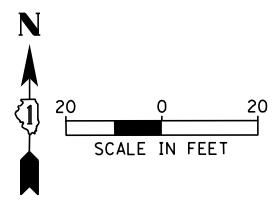
PAVEMENT MARKING PLAN

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1366	22-00069-00-RS	COOK	41	19
				CONTRACT NO. 61M32

SCALE: SHEET OF SHEETS STA. TO STA.

ILLINOIS FED. AID PROJECT





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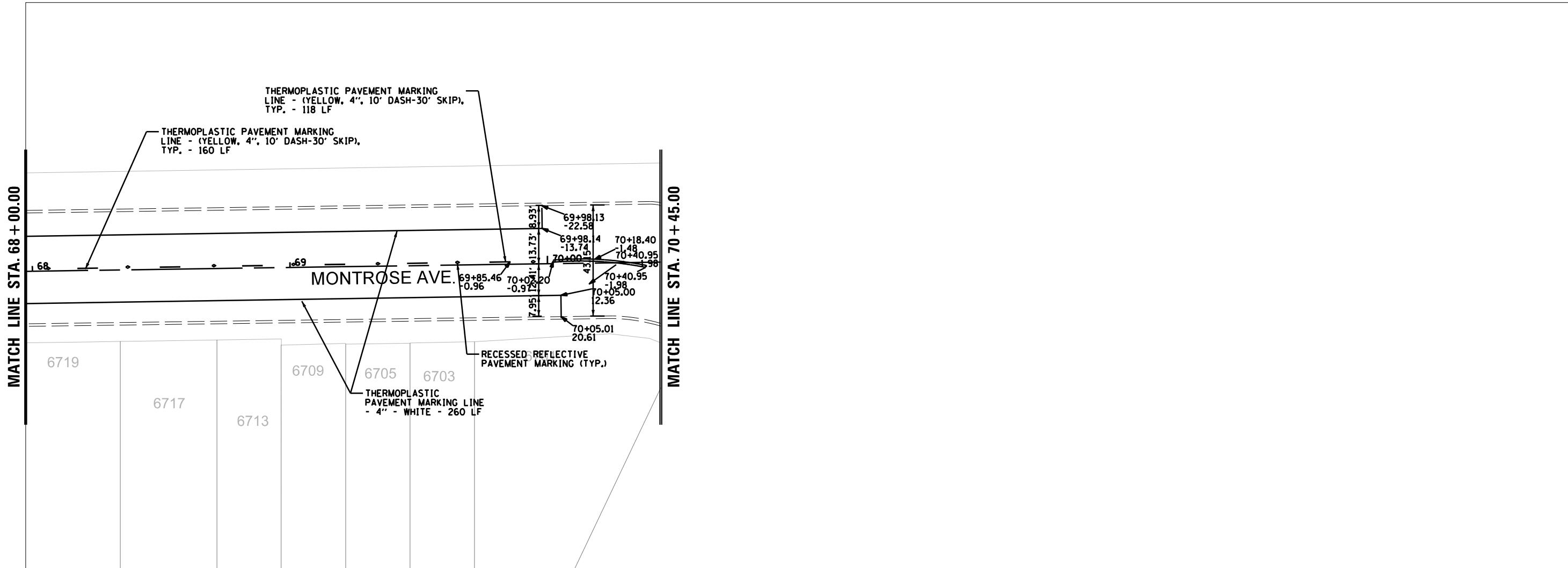
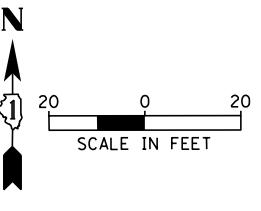
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2022	REVISED	-

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

## PAVEMENT MARKING PLAN

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	HEET NO.
1366	22-00069-00-RS	COOK	41	21
<b>CONTRACT NO. 61M32</b>				
ILLINOIS FED. AID PROJECT				



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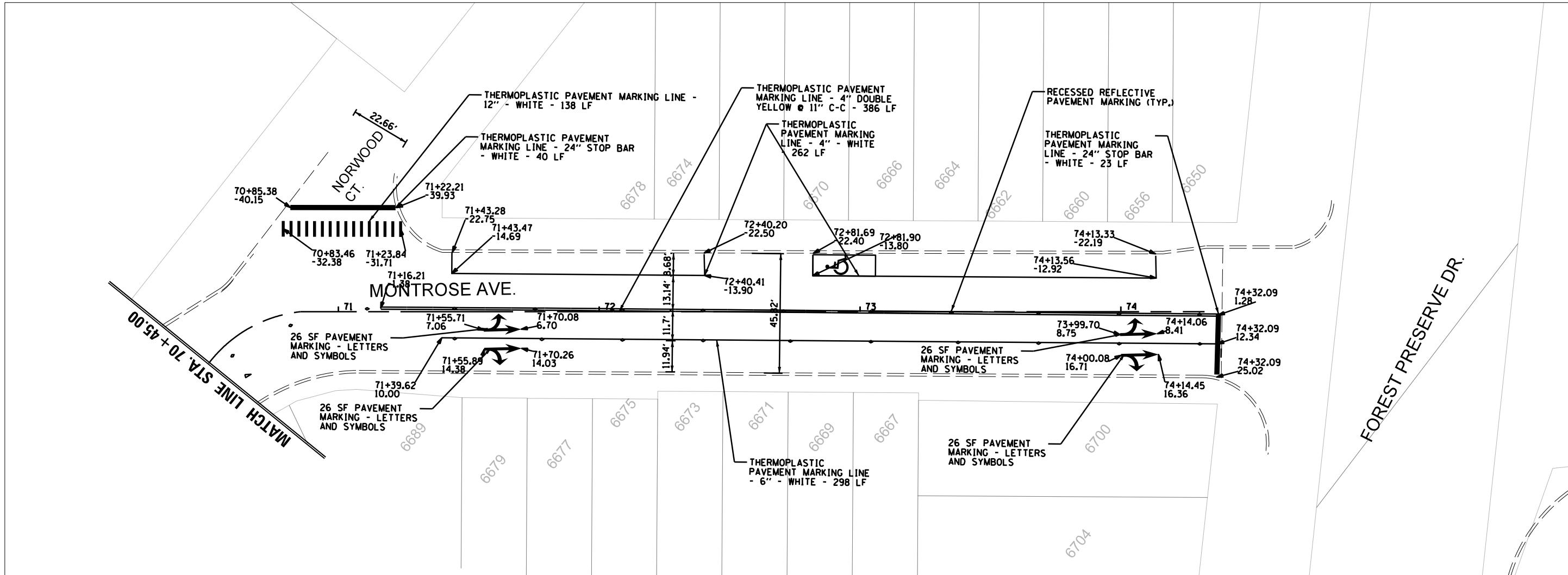
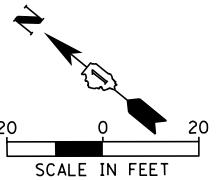
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	HEET NO.
1366	22-00069-00-RS	COOK	41	22
				CONTRACT NO. 61M32
				ILLINOIS FED. AID PROJECT



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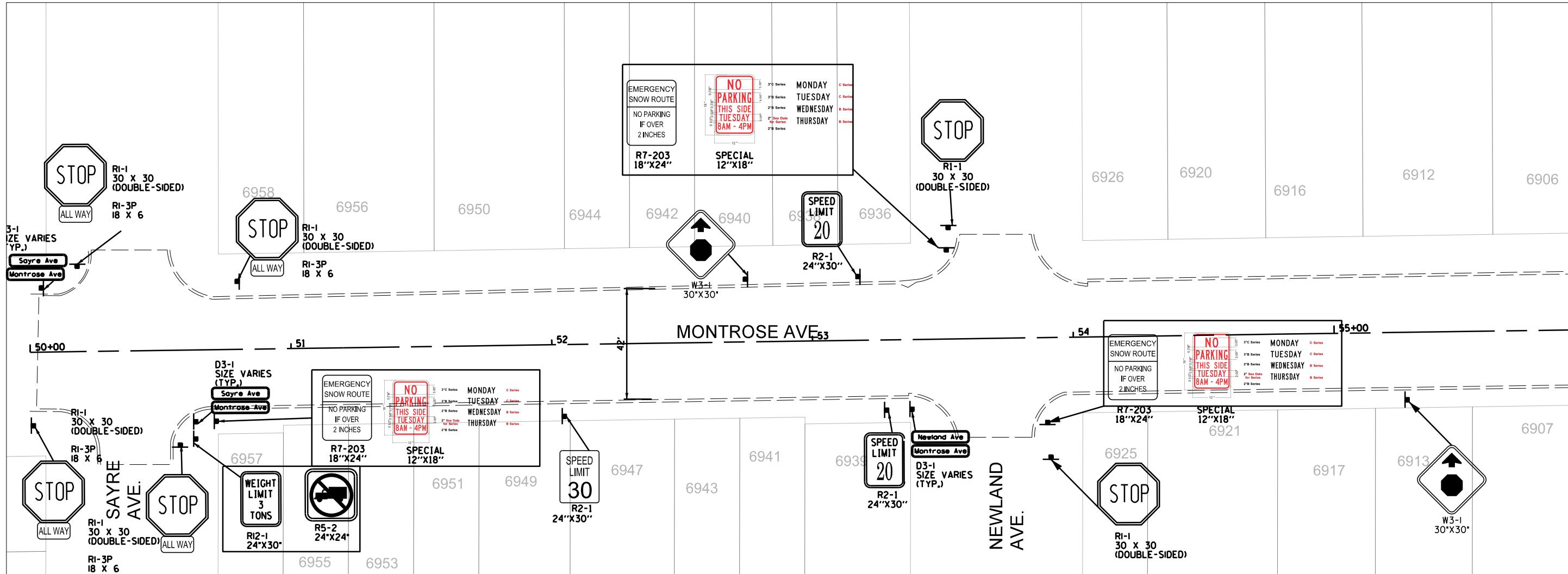
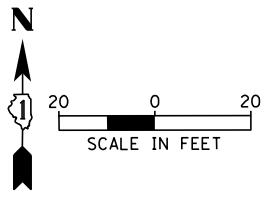
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING PLAN

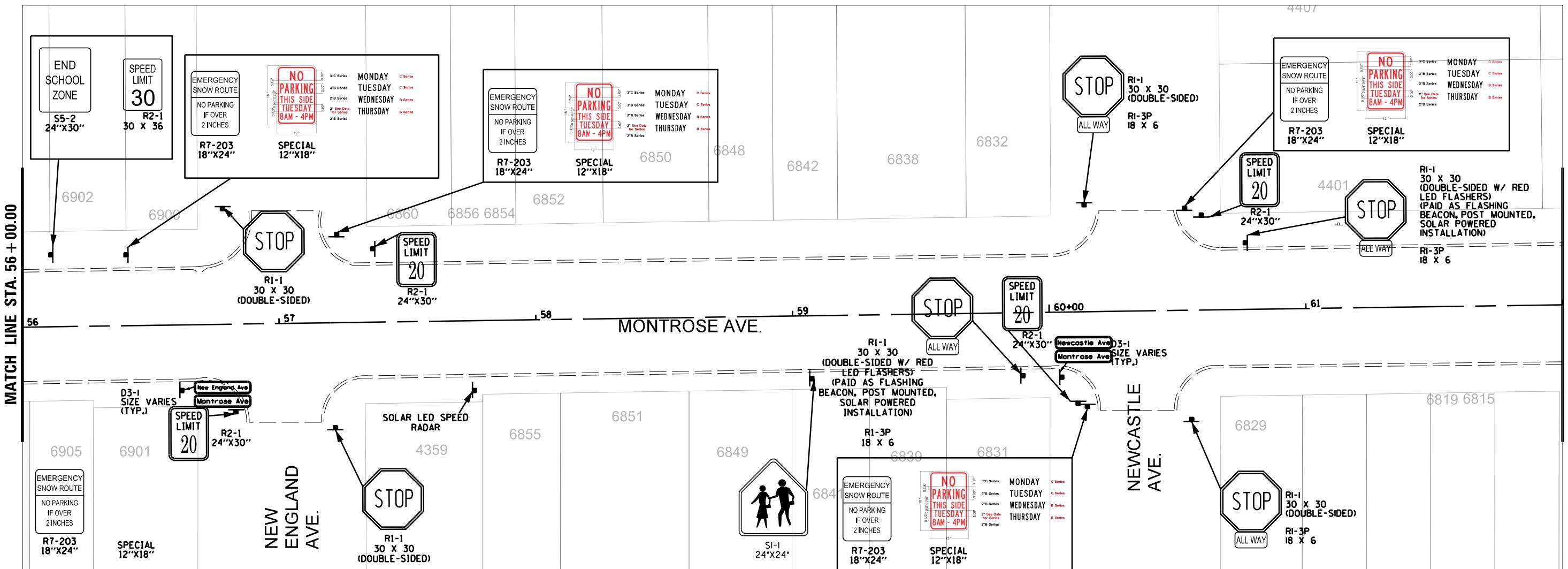
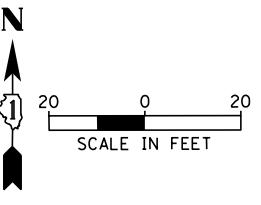
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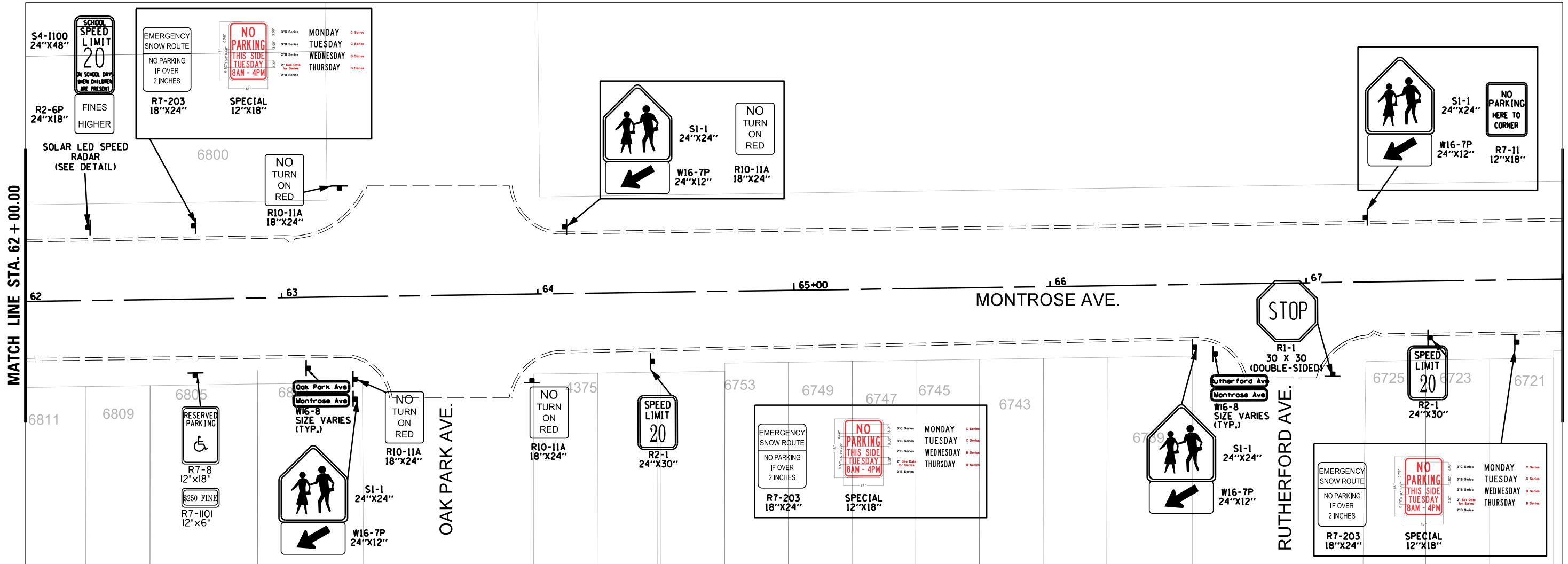
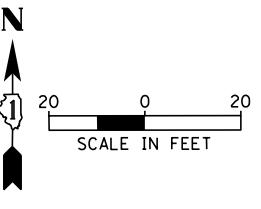
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1366	22-00069-00-RS	COOK	41	23
ILLINOIS FED. AID PROJECT				CONTRACT NO. 61M32

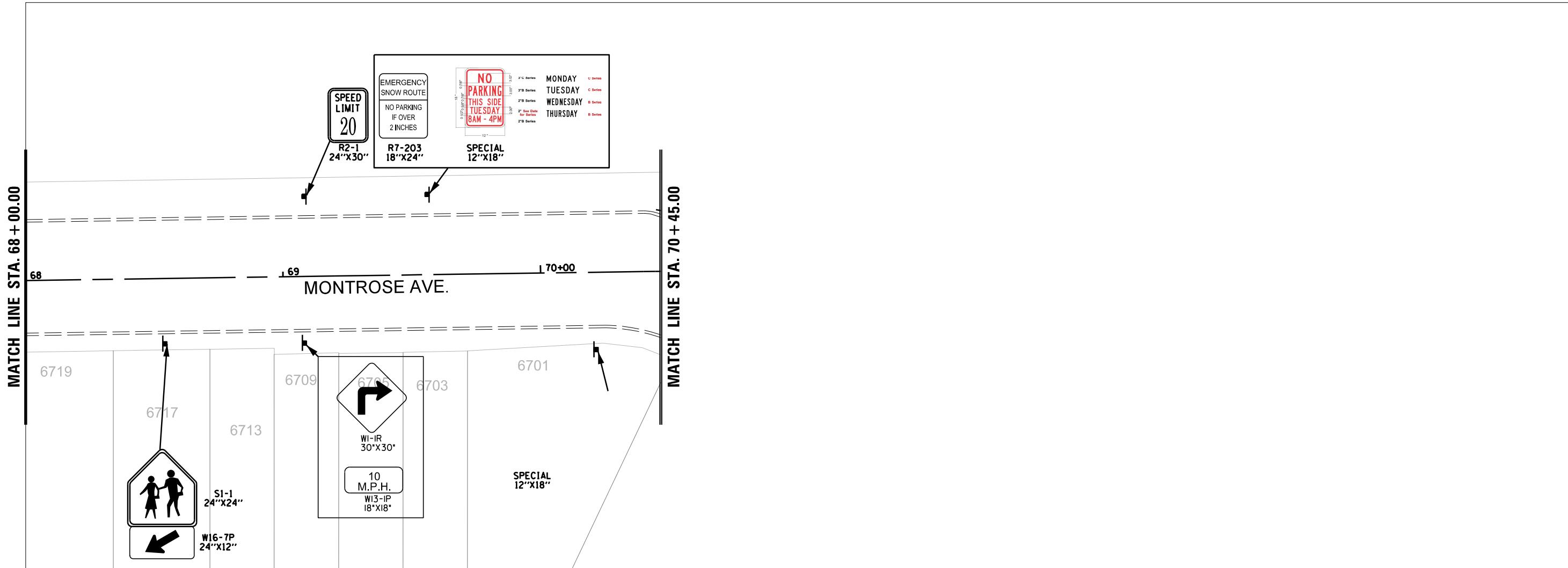
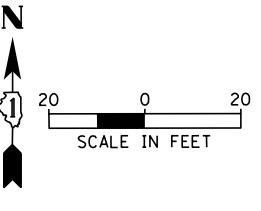


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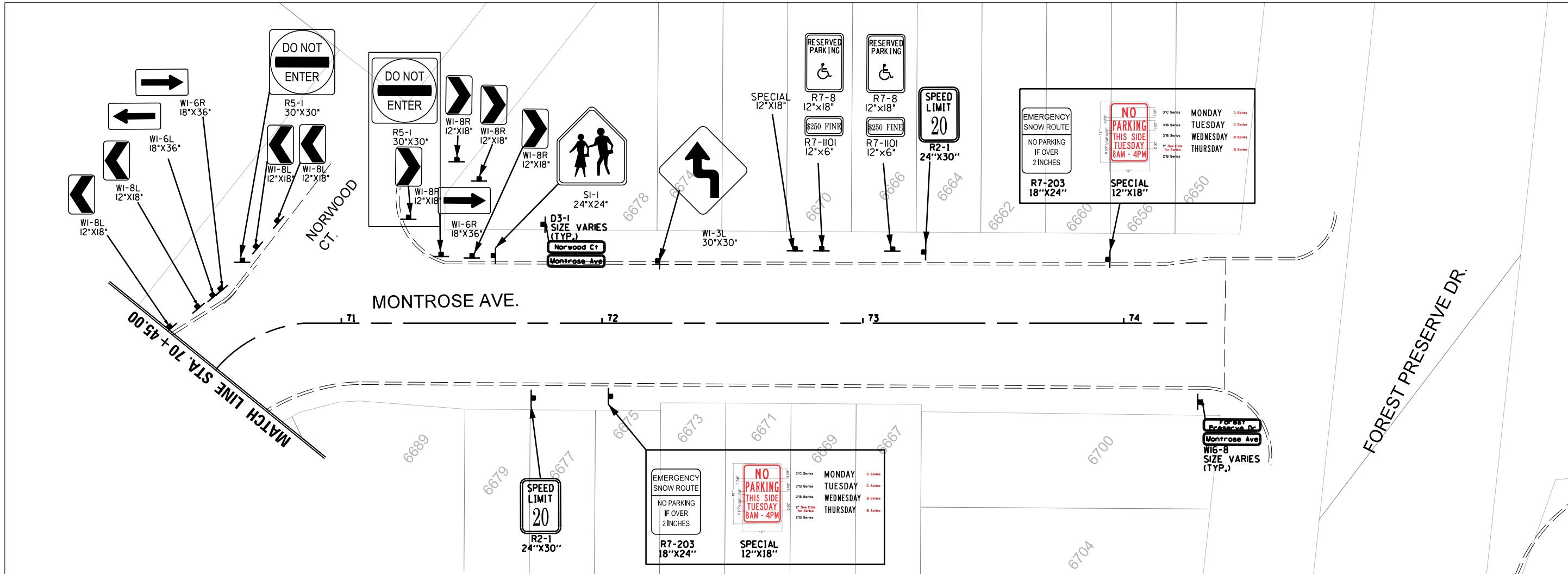
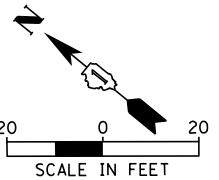
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED SIGNAGE PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

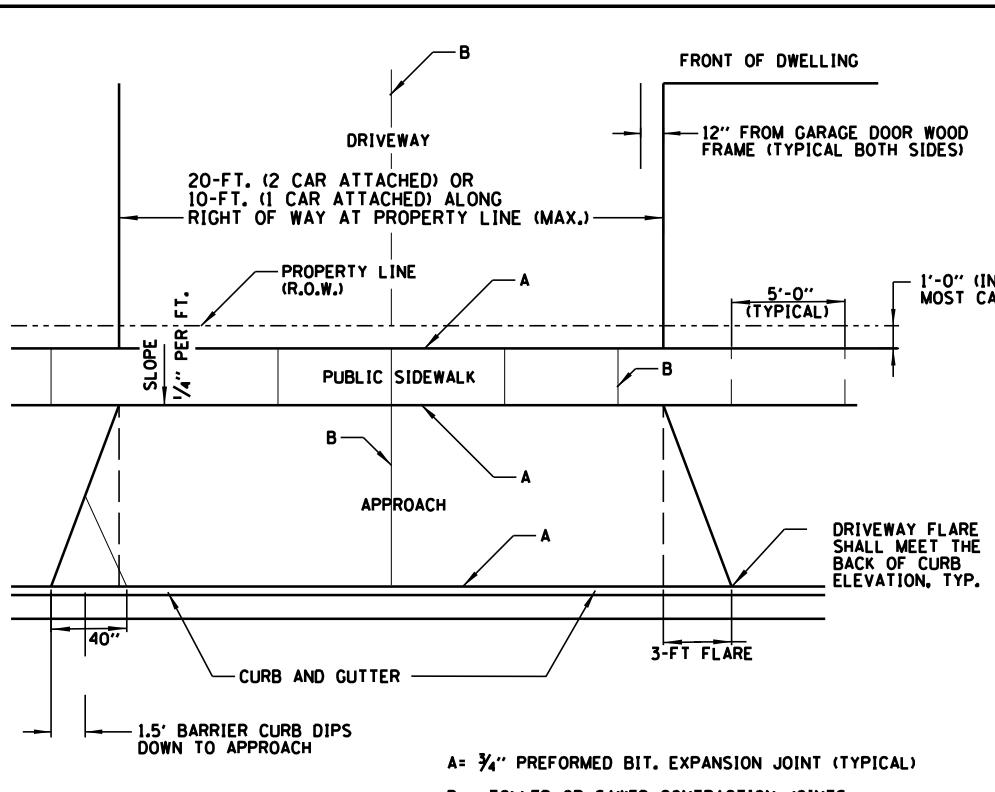
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1366	22-00069-00-RS	COOK	41	27
				CONTRACT NO. 61M32
				ILLINOIS FED. AID PROJECT



CODE	ITEM	QUANTITY	UNIT
X8860105	DETECTOR LOOP REPLACEMENT	292	FOOT

f		TRAFFIC SIGNAL MODIFICATION PLAN	job no. : 652516
e			scale : 1" = 20'
d	TS 5095		design : RJA
c	EAGLE 2N	MONTROSE AVE. AT FOREST PRESERVE DRIVE CHICAGO, IL	drawn : SJS
b			approved : GES

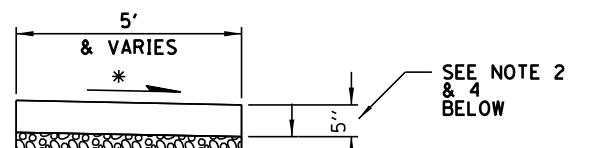
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1366	22-00069-00-RS	COOK	41 <sup>st</sup>	29
			CONTRACT NO. 61M32	
	ILLINOIS	FED. AID PROJECT		



### DRIVEWAY WITH A CURB AND GUTTER

#### GENERAL NOTES:

1. DRIVEWAY SHALL HAVE A MIN. SLOPE OF 2% AND MAX. SLOPE OF 6%.
2. APPROACH SHALL HAVE A MIN. SLOPE OF 2% AND MAX. OF 6%.
3. ALL AGGREGATE SUB-BASE SHALL BE MECHANICALLY COMPAKTED. (95% PROCTOR)
4. PUBLIC SIDEWALK SHALL BE 6" AT RESIDENTIAL DRIVEWAYS AND 8" AT COMMERCIAL/INDUSTRIAL DRIVEWAYS. (NO WIRE MESH)
5. MINIMUM THICKNESS FOR APPROACH. (NO WIRE MESH). THIS WILL BE PAID FOR BY THE FOLLOWING ITEMS:
  - A. 7" THK. P.C. CONCRETE ON 2" AGGREGATE BASE COURSE TYPE B OR
  - B. 3" THK. HOT-MIX ASPHALT SURFACE, MIX 'D' N50 ON 6" AGGREGATE BASE COURSE TYPE B
6. SODDING, SALT TOLERANT RESTORATION SHALL BE PAID SEPARATELY.



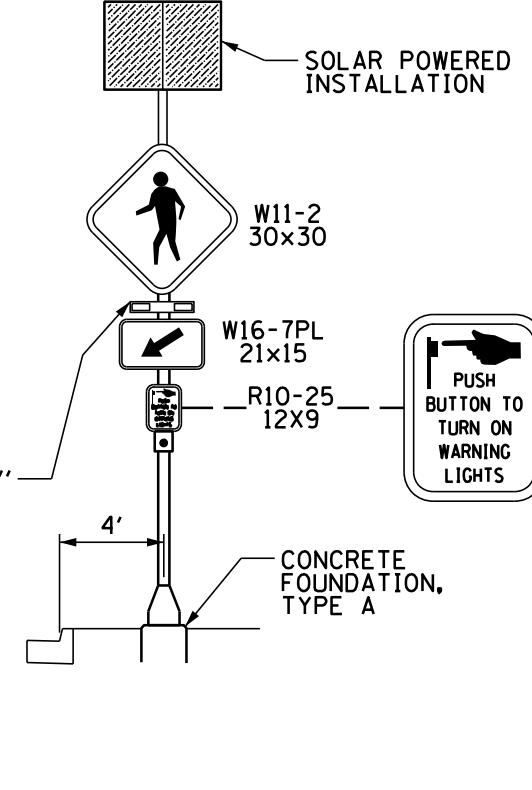
- CROSS SLOPE 2% OR AS SHOWN ON CROSS SECTIONS

1. ALL REQUIRED EARTH EXCAVATION TO CONSTRUCT P.C.C. SIDEWALK SHALL BE INCLUDED IN THE COST OF P.C.C. SIDEWALK 5 INCH, SPECIAL.
2. WHEN FORMS ARE REMOVED FROM THE SIDEWALK EITHER THE SIDEWALK SHALL BE BARRICADED OR BACKFIELD WITHIN 24 HOURS.
3. SODDING, SALT TOLERANT RESTORATION WILL BE PAID FOR SEPARATELY.
4. PUBLIC SIDEWALK SHALL BE 6" AT RESIDENTIAL DRIVEWAYS AND 8" AT COMMERCIAL/INDUSTRIAL DRIVEWAYS.

### P.C.C. SIDEWALK DETAIL

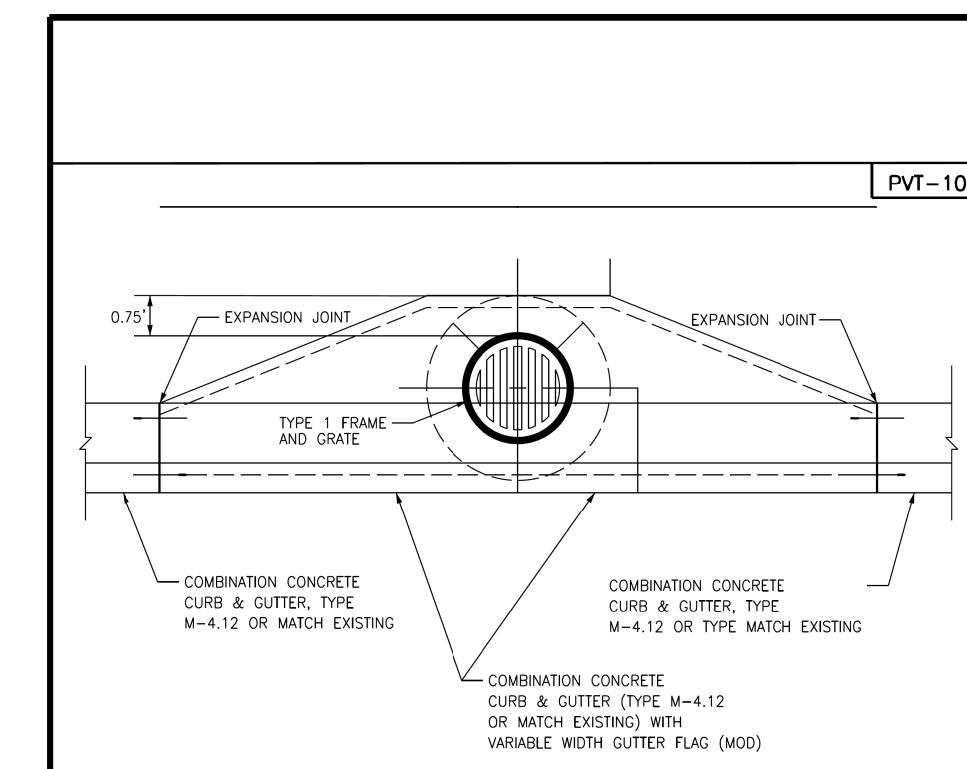
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PLOT SCALE = 26'		CHECKED - LMF	REVISED -
Default	PLOT DATE = 12/29/2025	DATE - 3/2022	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



TYPICAL ADVANCED  
WARNING SIGN

FLASHING BEACON, POST MOUNTED  
SOLAR POWERED INSTALLATION



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1366	22-00069-00-RS	COOK	41	30
				CONTRACT NO. 61M32

SCALE: N.T.S. SHEET OF SHEETS STA. TO STA.

ILLINOIS FED. AID PROJECT

**DETAILS FOR FRAMES AND LIDS ADJUSTMENT**

**WITH MILLING**

**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.
- THE CONTRACTOR SHALL REMOVE ALL TRAFFIC CONTROL DEVICES BY THE END OF EACH WORK SHIFT.

**CONSTRUCTION PROCEDURES**

**STAGE 1 (BEFORE PAVEMENT MILLING)**

- REMOVE A MINIMUM OF 12 (300) OF THE PAVEMENT FROM AROUND THE STRUCTURE.
- REMOVE THE EXISTING FRAME AND LID FROM THE STRUCTURE.
- COVER THE STRUCTURE OPENING WITH A 36 (900) DIAMETER METAL PLATE.
- BACKFILL WITH CRUSHED STONE AND HMA SURFACE MIX APPROVED BY THE ENGINEER. (MIN. 3 (80) HMA TO REMAIN AFTER MILLING).

**STAGE 2 (AFTER PAVEMENT MILLING)**

- REMOVE THE HMA SURFACE MIX AND CRUSHED STONE.
- INSTALL THE FRAME AND LID; ADJUST THE FRAME TO ITS FINAL SURFACE ELEVATION.
- THE SURROUNDING SPACE SHALL BE FILLED WITH CLASS PP-2\* 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-2* CONCRETE
③ 36 (900) DIAMETER METAL PLATE	⑧ PROPOSED HMA SURFACE COURSE
④ PROPOSED CRUSHED STONE AND HMA SURFACE MIX	⑨ PROPOSED HMA BINDER COURSE
⑤ EXISTING STRUCTURE	

**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.
- 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.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

USER NAME	DESIGNED - R. SHAH	REVISED - R. BORO 03-09-11	DRAWN -	REVISED - R. BORO 12-06-11	CHECKED -	REVISED - K. SMITH 11-18-22	DATE - 10-25-94	REVISED - K. SMITH 09-15-23	DETAILS FOR		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
									STATE OF ILLINOIS							DEPARTMENT OF TRANSPORTATION	
FILE NAME: Wd1std122x341b08.dwg									SCALE: NONE	1	OF 1	SHEETS STA. TO STA.	1366	22-00069-00-RS	COOK	41	31
													BD600-03 (BD-08)	CONTRACT NO. 61M32			
													ILLINOIS	FED. AID PROJECT			

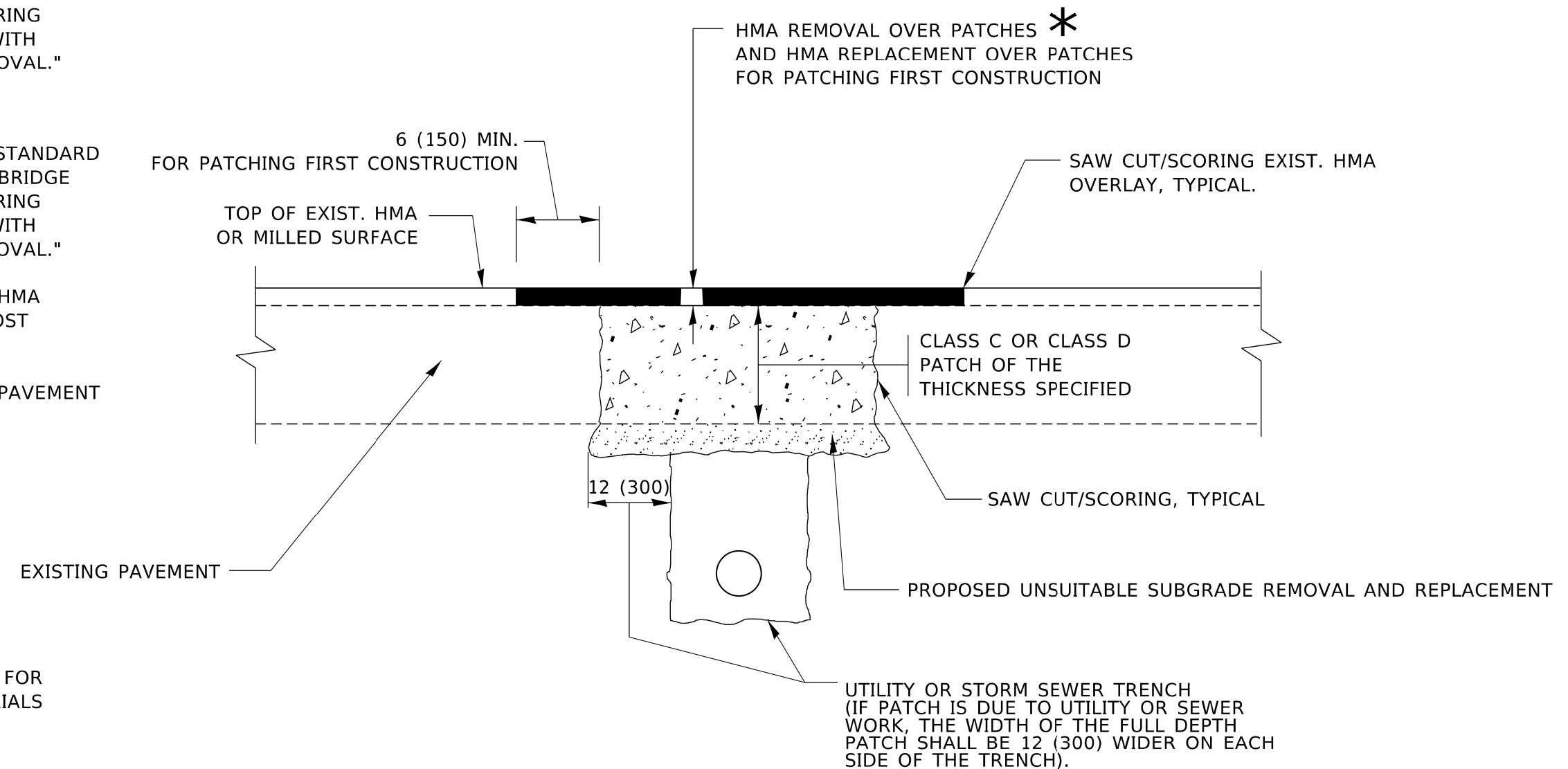
## **METHOD OF MEASUREMENT**

REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."

## **BASIS OF PAYMENT**

1. REFER TO SECTION 442 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE RECURRING SPECIAL PROVISION "PATCHING WITH HOT-MIX ASPHALT OVERLAY REMOVAL."
2. SAW CUT/SCORING OF EXISTING HMA OVERLAY IS INCLUDED IN THE COST OF PAVEMENT PATCHING.
3. SAW CUT/SCORING OF EXISTING PAVEMENT IS INCLUDED IN THE COST OF PAVEMFNT PATCHING.

## — HMA REMOVAL OVER PATCHES \* AND HMA REPLACEMENT OVER PATCHES FOR PATCHING FIRST CONSTRUCTION



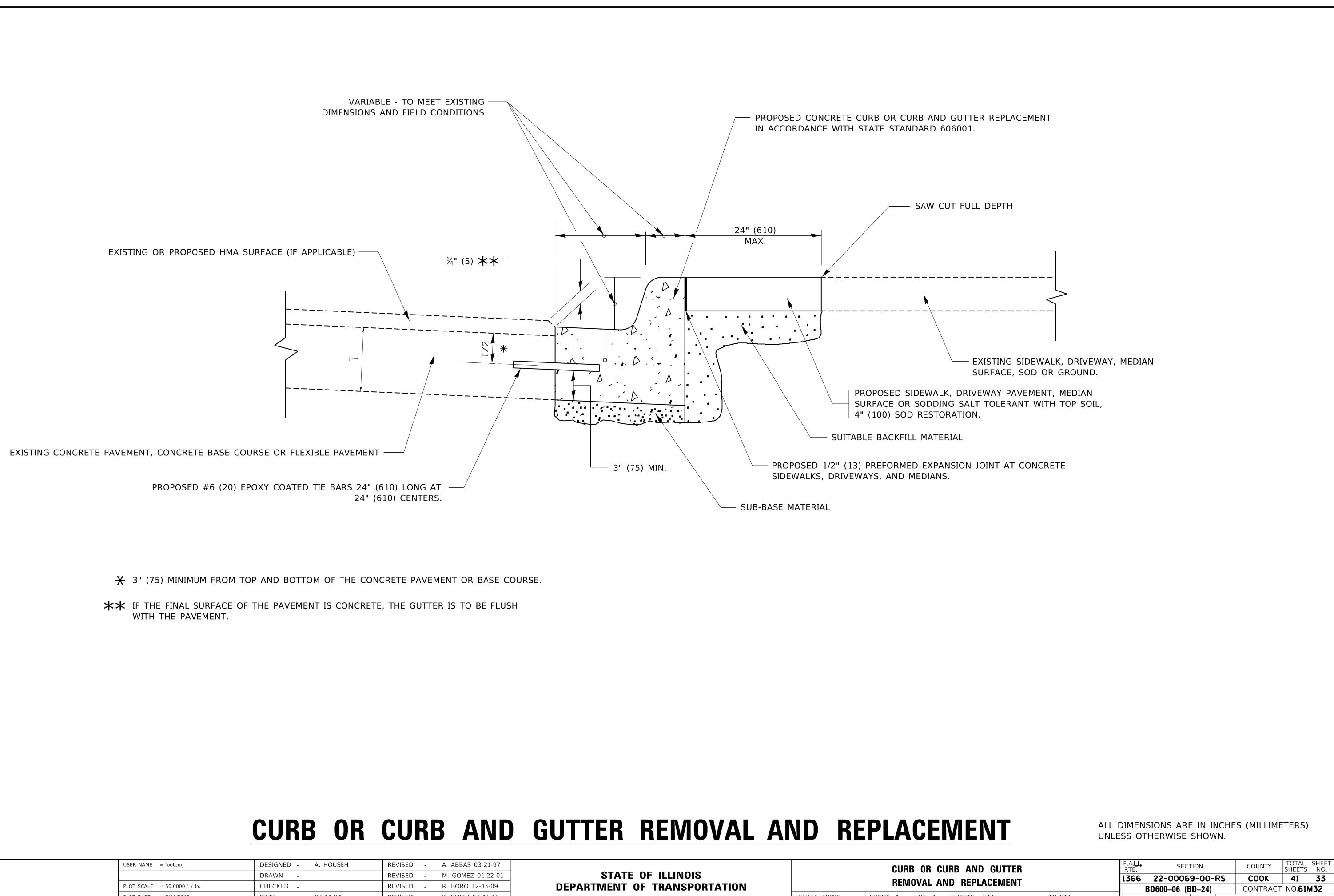
## **SEQUENCE OF CONSTRUCTION (PATCHING FIRST)**

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

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

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

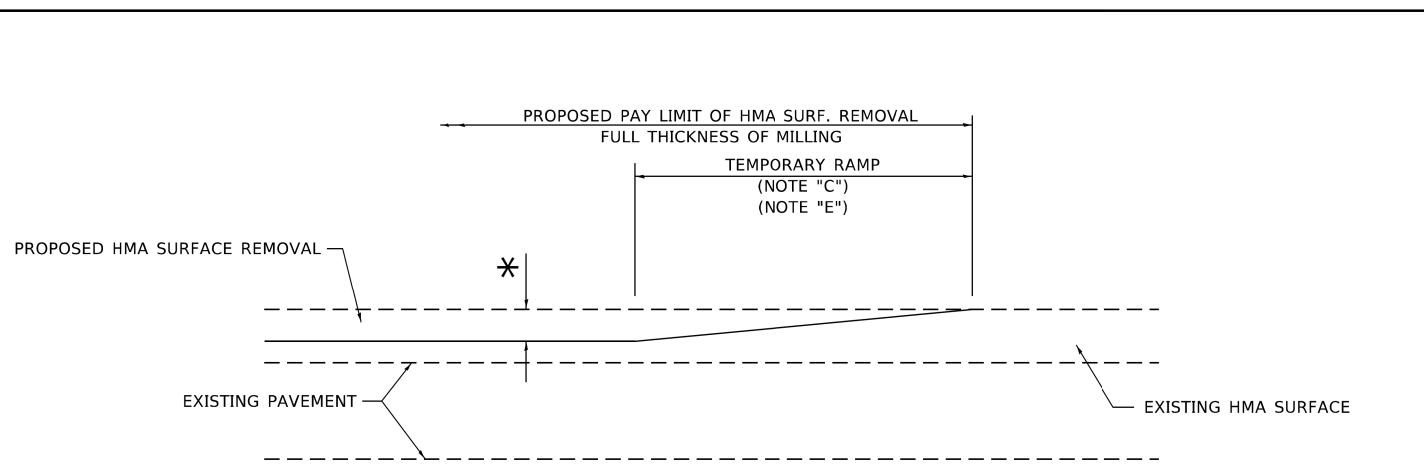
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.



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

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

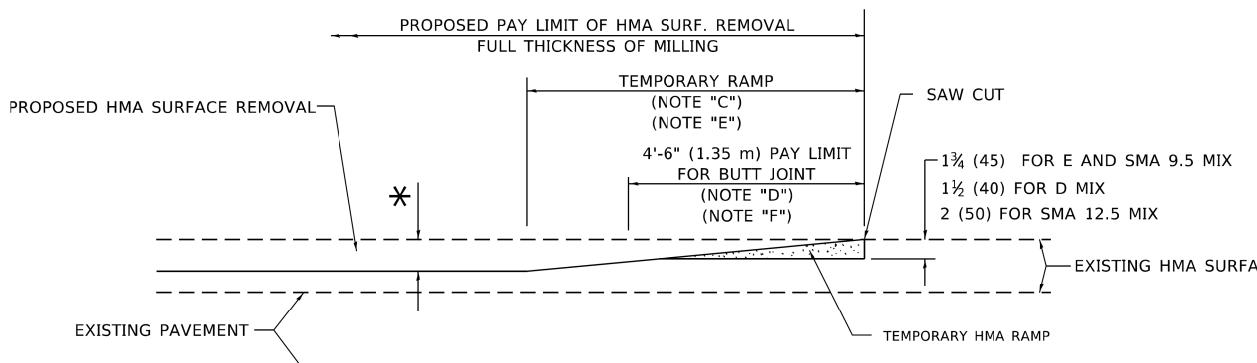
				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT											
USER NAME = footemj		DESIGNED - A. HOUSEH		REVISED - A. ABBAS 03-21-97						F.A.U. RTE.		SECTION		COUNTY		TOTAL SHEETS		SHEE NO.	
		DRAWN -		REVISED - M. GOMEZ 01-22-01						1366		22-00069-00-RS		COOK		41		33	
PLOT SCALE = 50.0000 ' / in.		CHECKED -		REVISED - R. BORO 12-15-09						BD600-06 (BD-24)		CONTRACT NO.		61M32					
PLOT DATE 7/18/2010		DATE 02-11-04		REVISED - K. SMITH 07-17-10						SCALE: NONE		SHEET 1 OF 1		STA		TO STA			



#### MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

#### OPTION 1

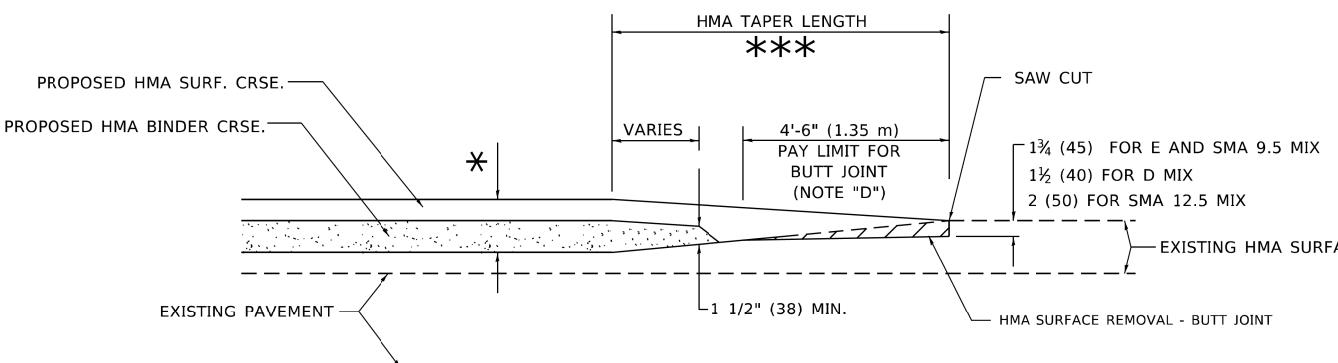


#### HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

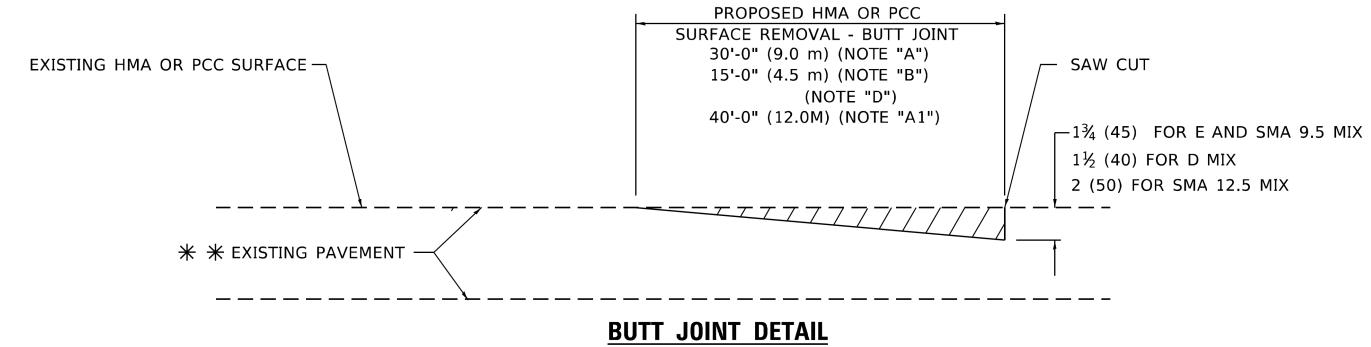
#### OPTION 2

#### TYPICAL TEMPORARY RAMP

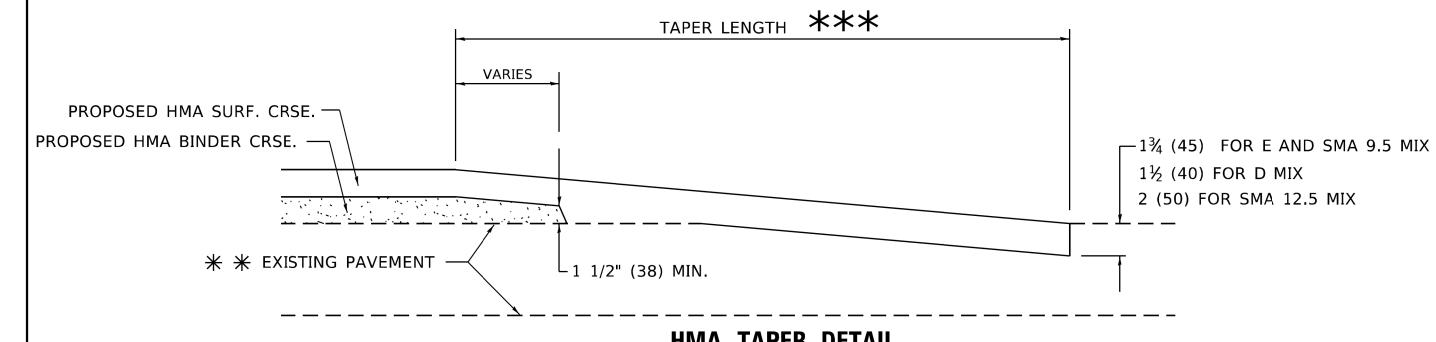


#### BUTT JOINT AND HMA TAPER

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



#### BUTT JOINT DETAIL



#### HMA TAPER DETAIL

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

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

#### GENERAL NOTES

- A. MAINLINE ARTERIAL ROADWAYS AND MAJOR SIDE ROADS.
- A1. INTERSTATES
- 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' - 4" (1.02m) PER 1 INCH (25 mm) OF MILLING THICKNESS.  
\* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.
- F. 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

1. 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".
2. THE TEMPORARY RAMP AND SAW CUT SHALL BE INCLUDED IN THE UNIT COST FOR HMA OR PCC SURFACE REMOVAL-BUTT JOINT.

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

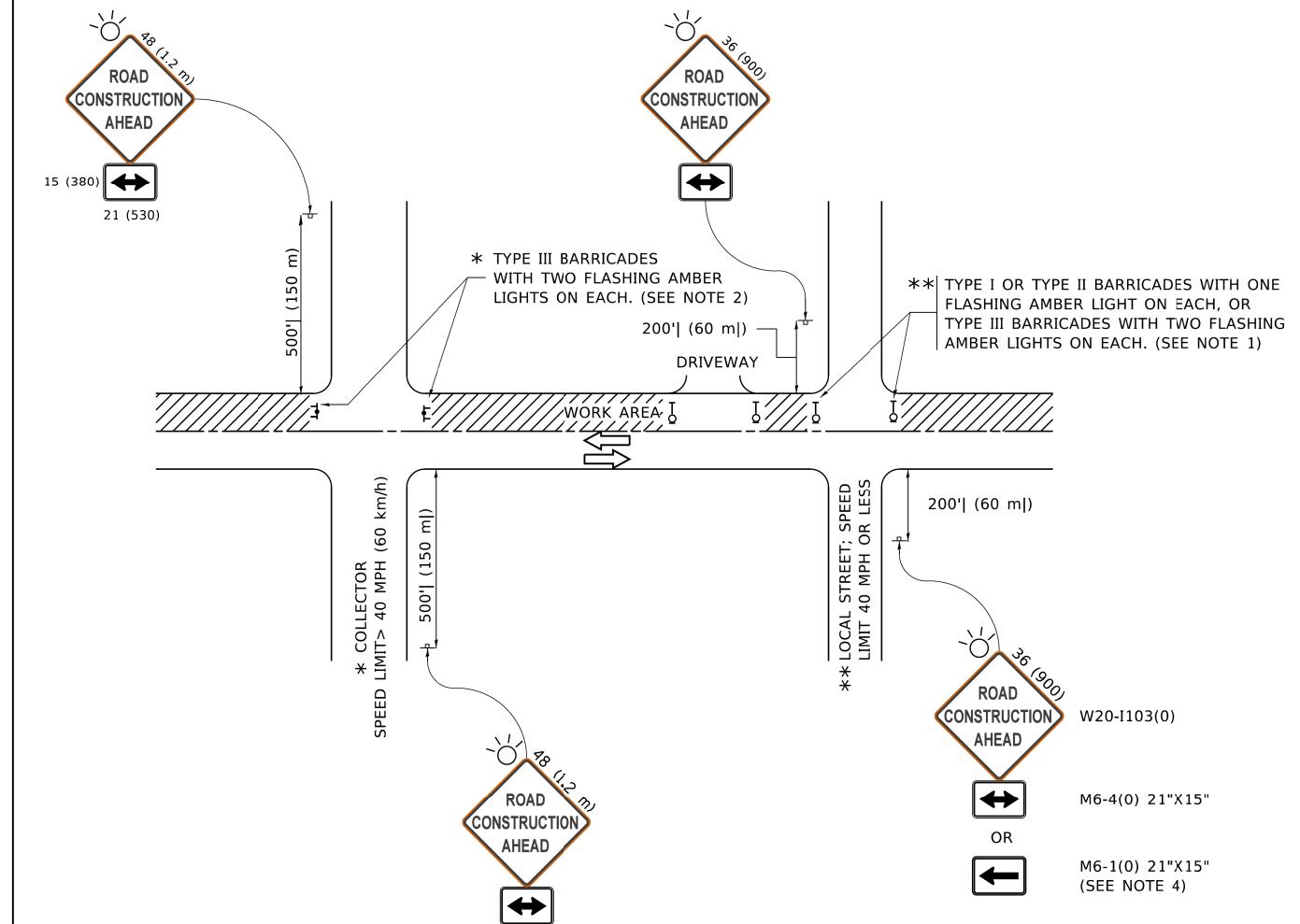
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	DRAWN -	REVISED - M. GOMEZ 04-06-01
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - R. BORO 01-01-07
PLOT DATE = 11/18/2022	DATE - 06-13-90	REVISED - K. SMITH 11-18-22

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND  
HMA TAPER DETAILS

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1366	22-00069-00-RS	COOK	41	34
BD400-05	BD-32	ILLINOIS	FED. AID PROJECT	61M32



## NOTES:

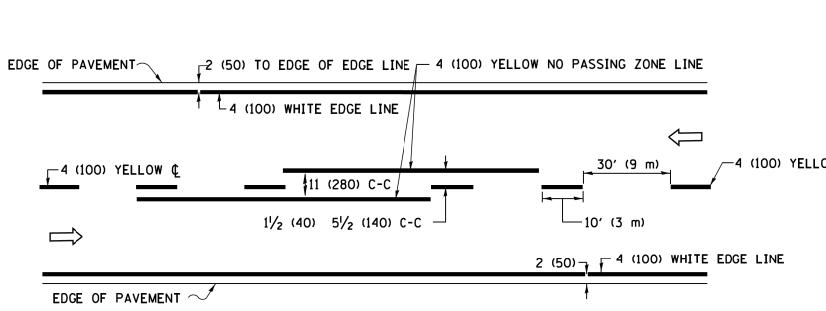
1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
  - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
  - b) THE CLOSED PORTION OF THE MAIN ROUTE 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.

THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY

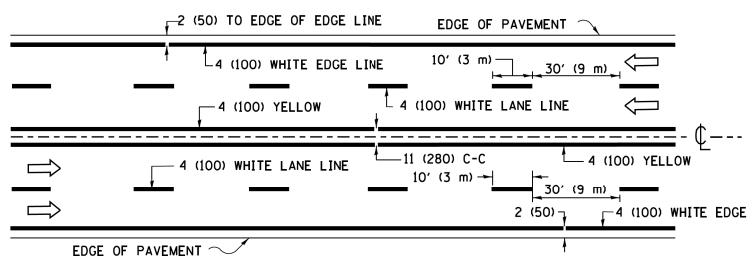
    - b) BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
- WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE
4. SIGNING 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.

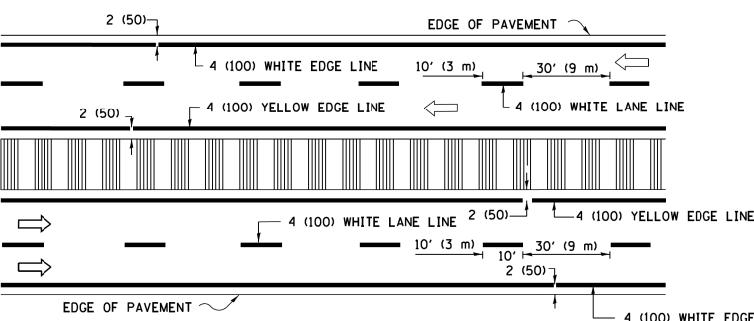
				TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS			
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		DRAWN -		REVISED - T. RAMMACHER 01-06-00			
		PLOT SCALE = 50.0000' / in.		CHECKED -		REVISED - A. SCHUETZE 07-01-13	
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						F.A.U. SECTION COUNTY TOTAL SHEETS SHEL NO	
						1366 22-00069-00-RS COOK 41 35	TC-10 CONTRACT NO. 61M3
						SCALE: NONE SHEET: 1 OF: 1 SHEETS STA TO STA	



## 2-LANE ROADWAY

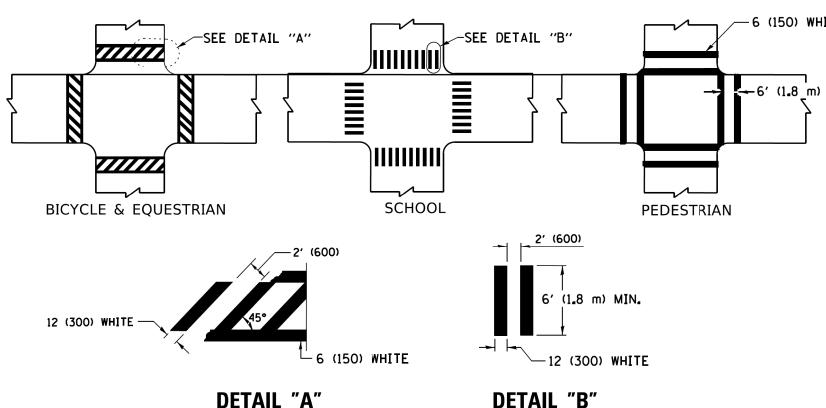


## MULTI-LANE UNDIVIDED



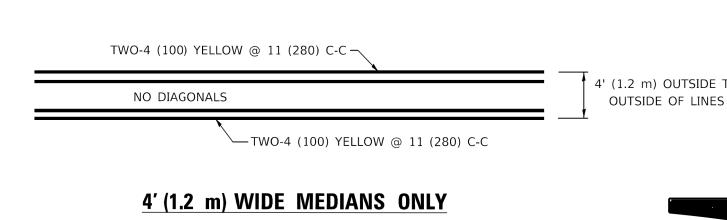
## MULTI-LANE DIVIDED WITH MEDIAN

## TYPICAL LANE AND EDGE LINE MARKING

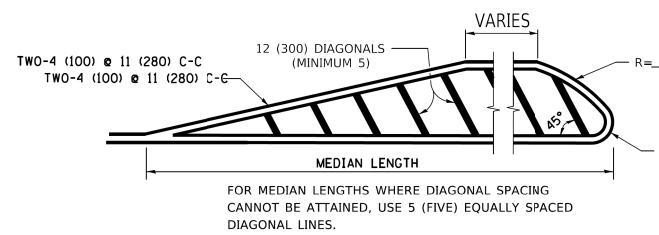


## TYPICAL CROSSWALK MARKING

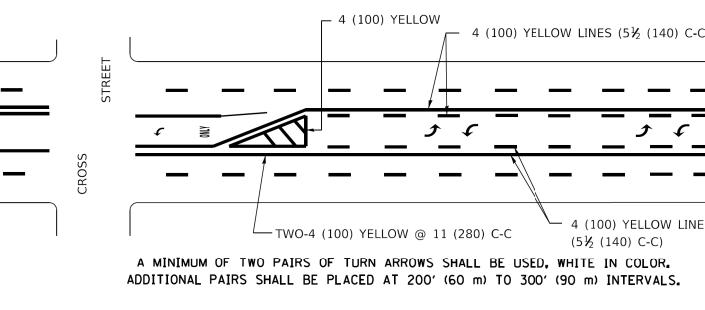
\* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



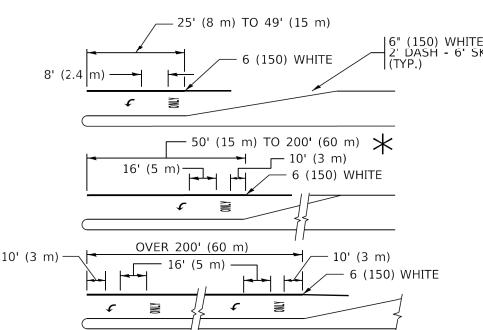
## 4' (1.2 m) WIDE MEDIANS ONLY



## MEDIANS OVER 4' (1.2 m) WIDE



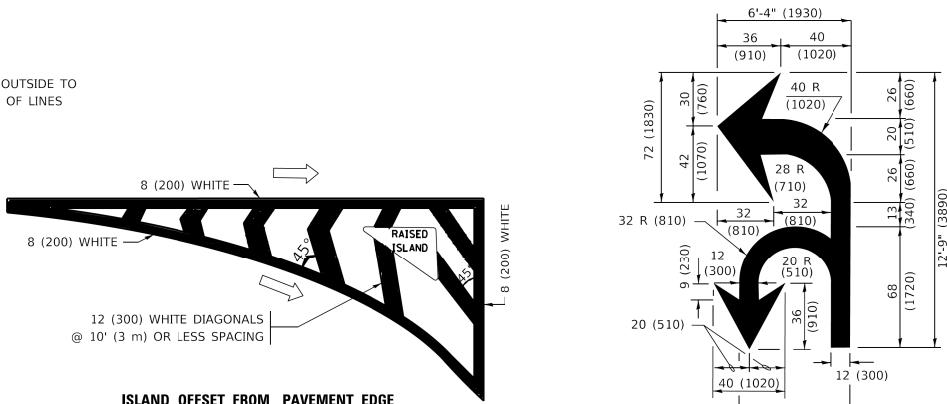
## TYPICAL PAINTED MEDIAN MARKING



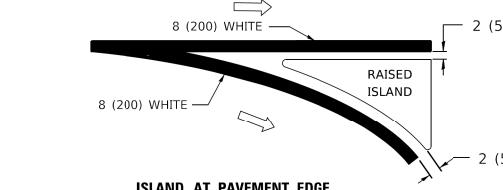
## TYPICAL LEFT (OR RIGHT) TURN LANE

## TYPICAL TURN LANE MARKING

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

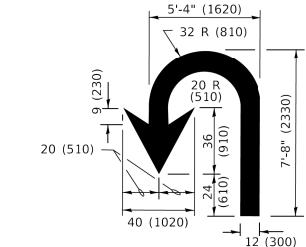


## RAISED ISLAND OFFSET FROM PAVEMENT EDGE



## ISLAND AT PAVEMENT EDGE

## COMBINATION LEFT AND U-TURN



## U-TURN

## LANE REDUCTION TRANSITION

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

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5½ (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIAN IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION	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
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK IF PRESENT OTHERWISE PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIAN	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIAN	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; 16' (4.8 m) LETTERS; 16' (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 "R"=3.6 SQ. FT. (0.33 m) "X"=54.0 SQ. FT. (5.0 m)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERs > 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

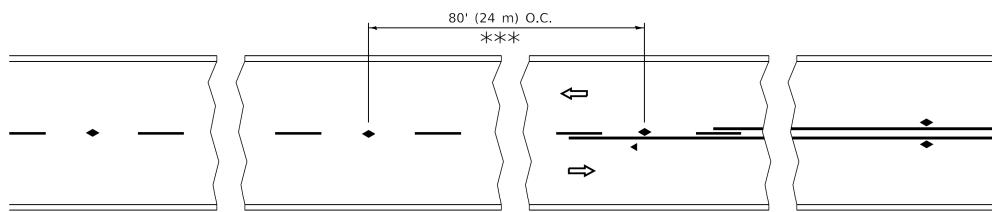
FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

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

F.A.U. 1366	SECTION 22-00069-00-RS	COUNTY COOK	TOTAL SHEETS 41	SHEET NO. 36
	TC-13			CONTRACT NO. 61M32

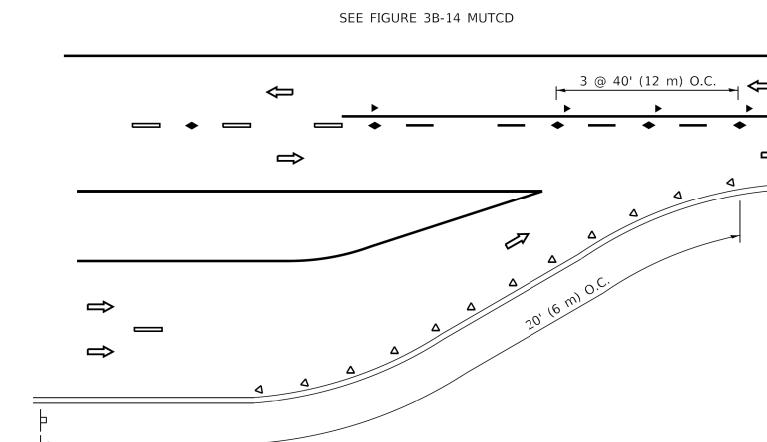
ILLINOIS FED. AID PROJECT

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

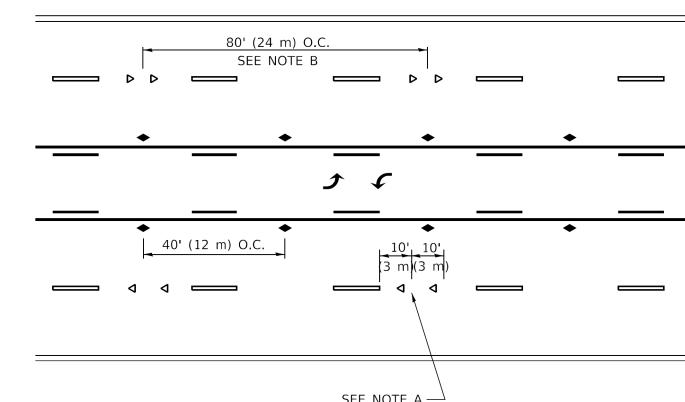


\*\*\* REDUCE TO 40' (12 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEED 45 M.P.H. (70 km/h) OR LESS

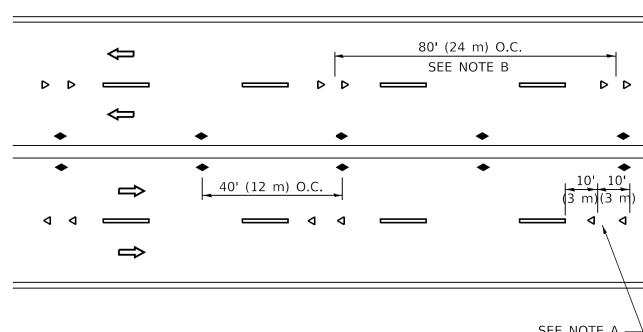
## **TWO-LANE/TWO-WAY**



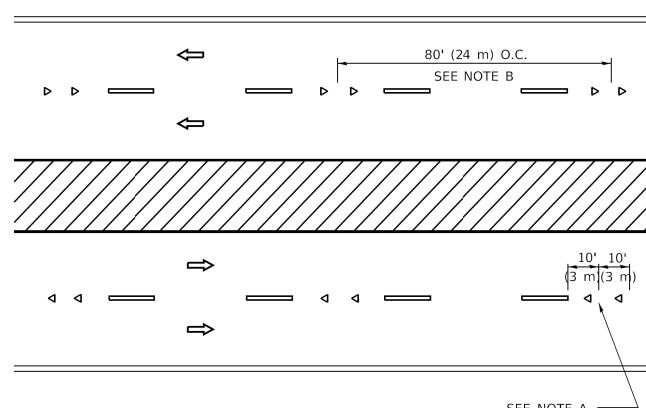
## LANE REDUCTION TRANSITION



## **TWO-WAY LEFT TURN**



## MULTI-LANE/UNDIVIDED



## MULTI-LANE/DIVIDED

## GENERAL NOTES

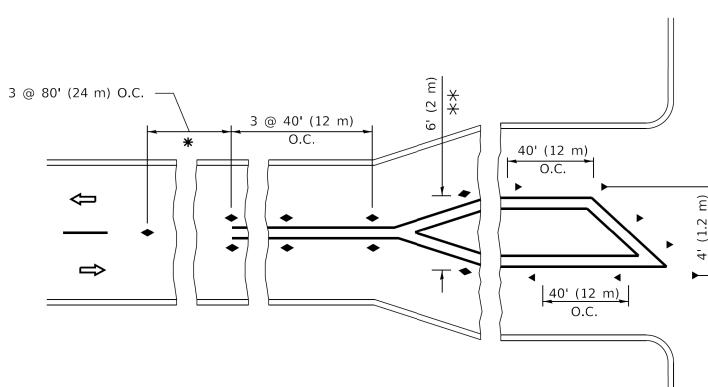
1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 2 TO 3 (50 TO 75) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 500' (150 m) IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE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

## SYMBOLS

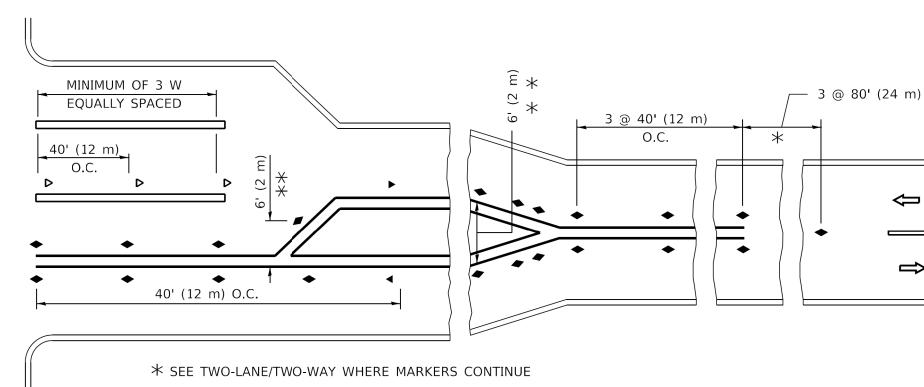
- YELLOW STRIPE
- WHITE STRIPE
- ONE-WAY AMBER MARKER
- ONE-WAY CRYSTAL MARKER (W/O)
- TWO-WAY AMBER MARKER

## 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.



## TURN LANES



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

## 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

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

USER NAME = footemj	DESIGNED -	REVISED - T. RAMMACHER 03-12-95
	DRAWN -	REVISED - T. RAMMACHER 01-06-00
PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - C. JUCIUS 09-09-09

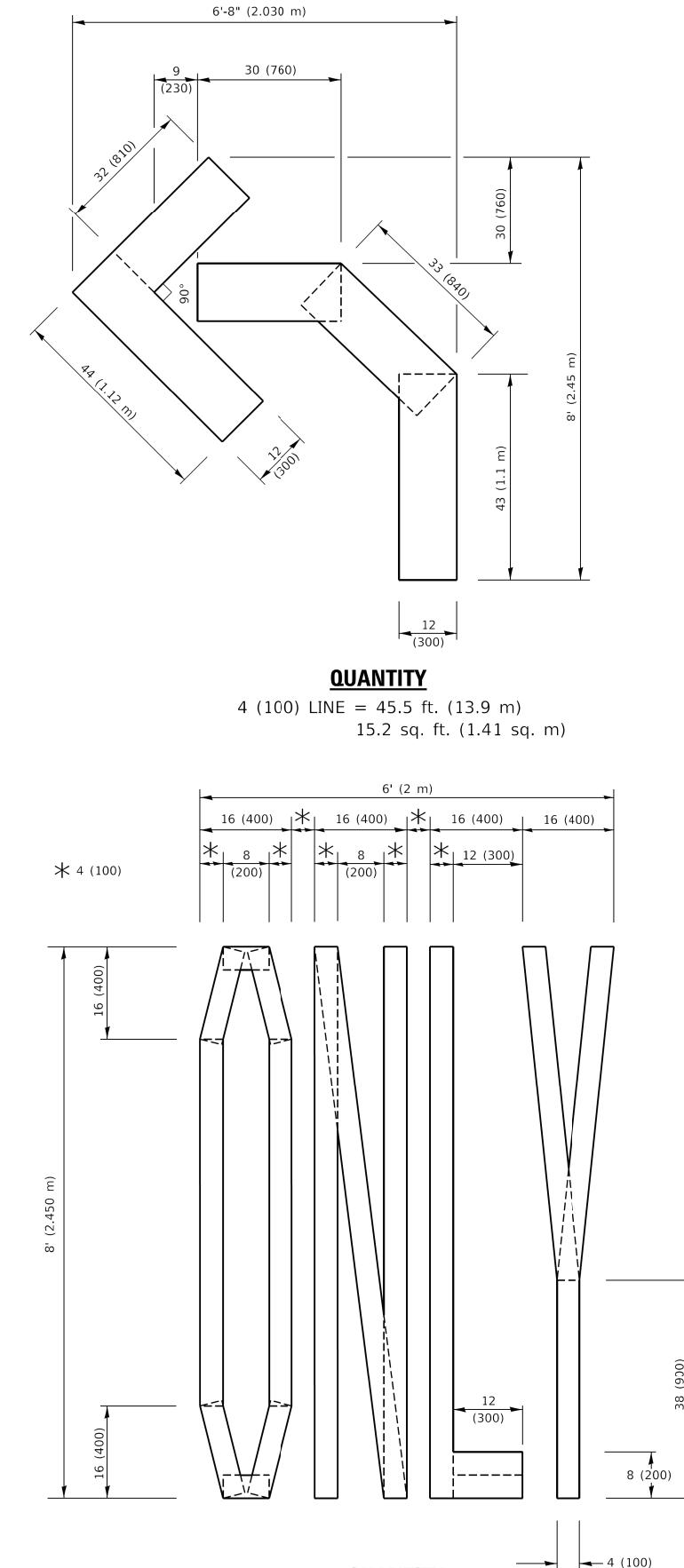
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

## **TYPICAL APPLICATIONS**

### **RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)**

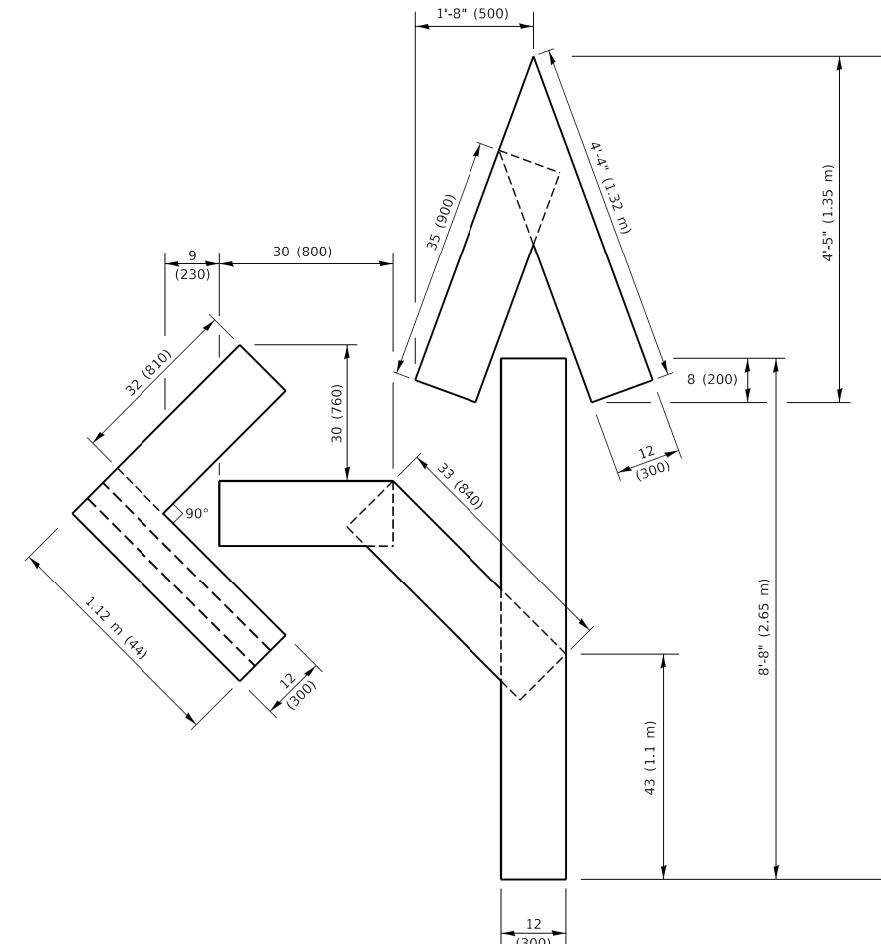
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
<b>1366</b>	<b>22-00069-00-RS</b>	<b>COOK</b>	<b>41</b>	<b>37</b>
TC-11		CONTRACT NO. <b>61M32</b>		
		ILLINOIS	FED. AID PROJECT	



## QUANTITY

**NOTE:**  
ALL QUANTITIES OF PLACEMENT ARE REPRESENTED  
IN LINEAR FEET OF 4" LINES TO MATCH THE  
4" TEMPORARY TAPE PAY ITEM AND REPRESENTS  
THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



4 (100) LINE = 82.5 ft. (25.1 m)  
27.5 sq. ft. (2.53 sq. m)

## QUANTITY

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

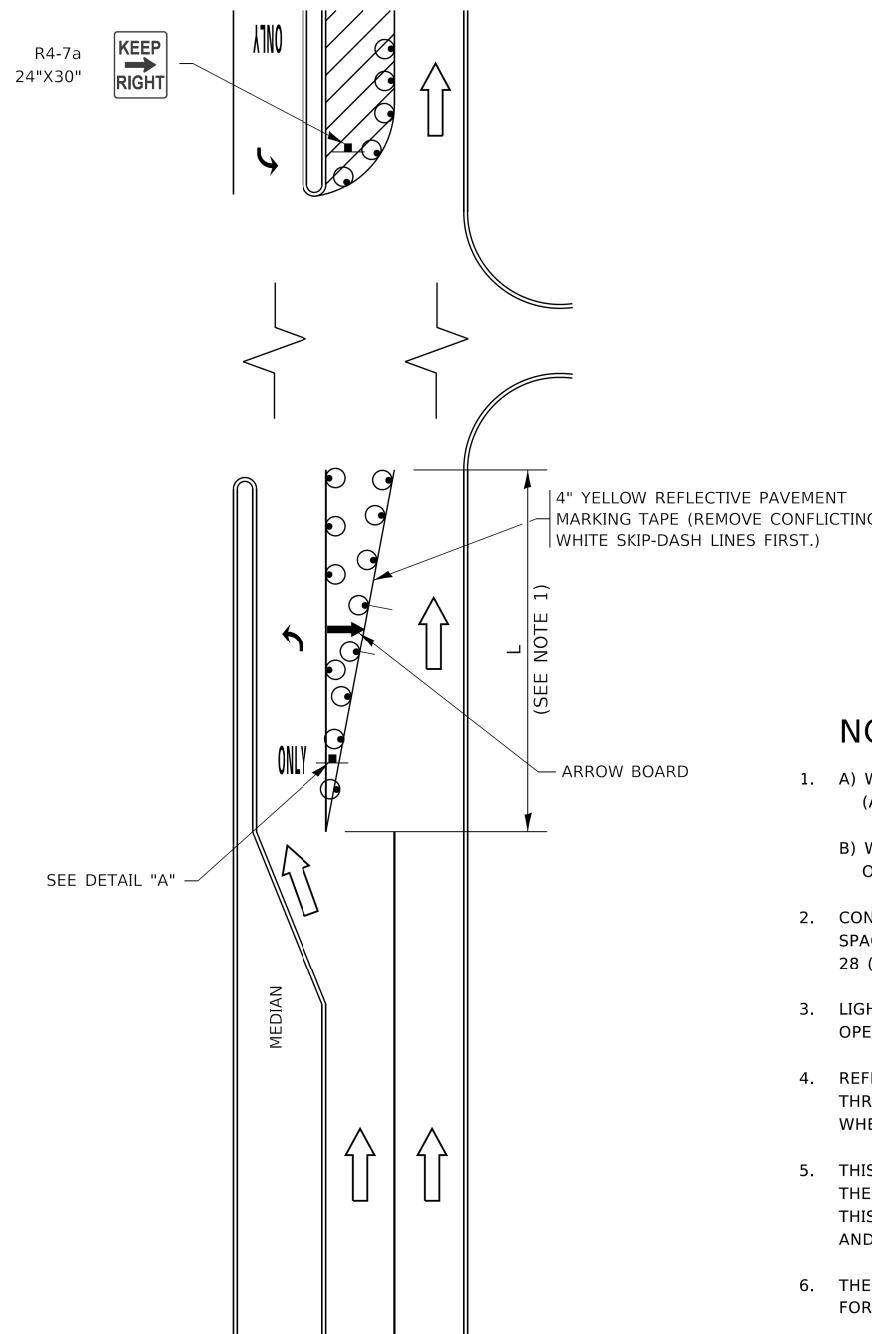
	USER NAME = footemj	DESIGNED -	REVISED - T. RAMMACHER 03
		DRAWN -	REVISED - E. GOMEZ 08-28-0
	PLOT SCALE = 50.0068 ' / in.	CHECKED -	REVISED - E. GOMEZ 08-28-0
	PLOT DATE = 7/1/2010	DATE 09-18-04	REVISED - A. SCHLUTZ 09

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

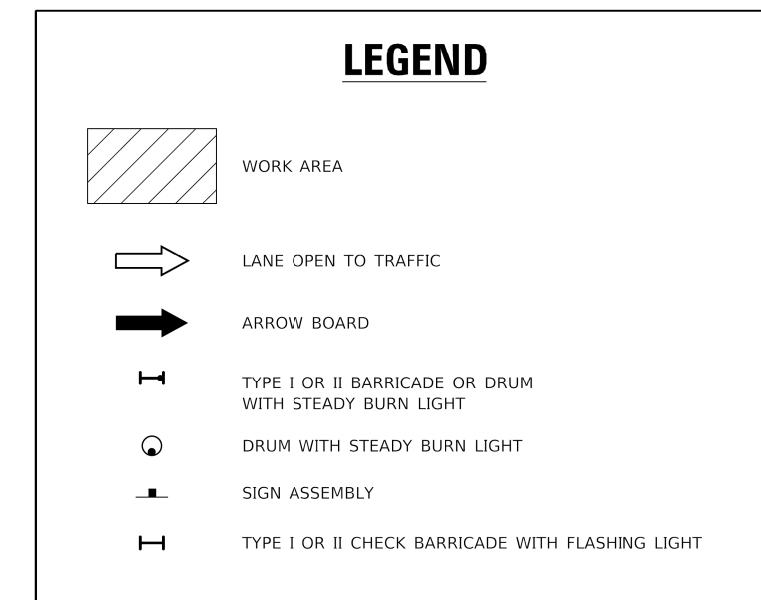
## SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

F.A. U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
<b>1366</b>	<b>22-00069-00-RS</b>	<b>COOK</b>	<b>41</b>	<b>38</b>
	<b>TC-16</b>	CONTRACT NO. <b>61M32</b>		

## TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER



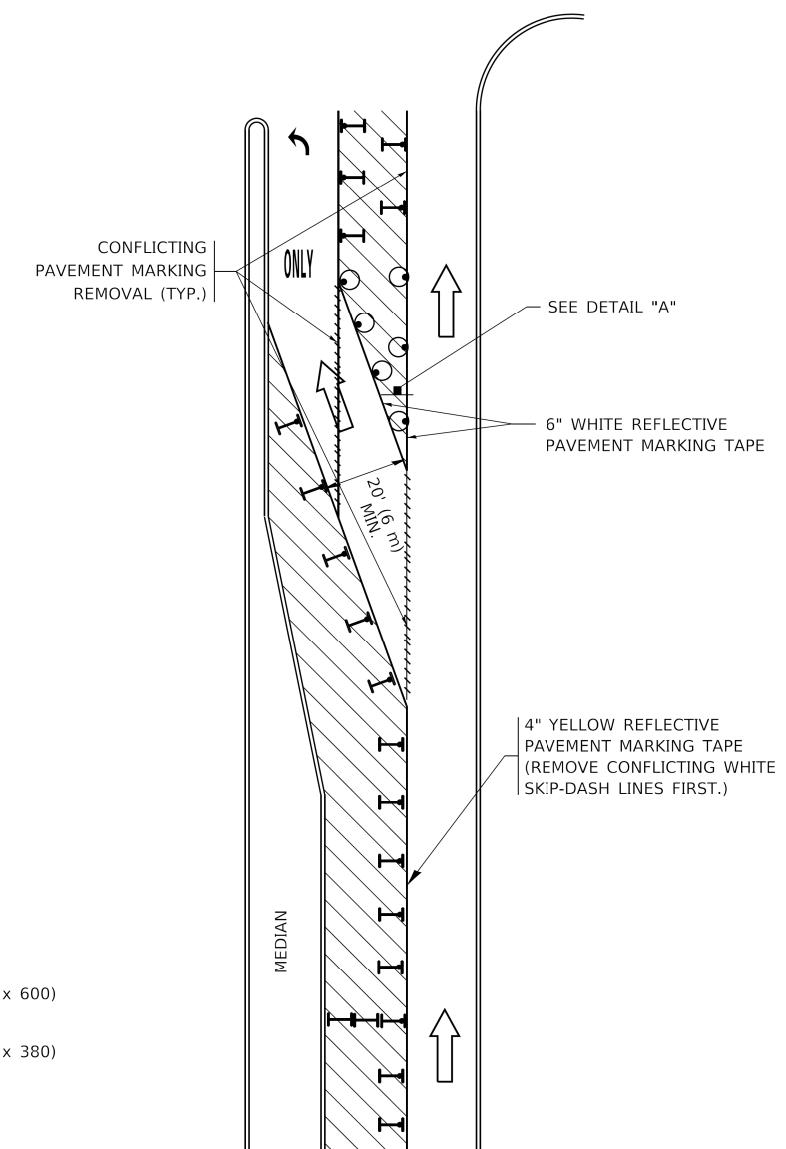
**FIGURE 1**



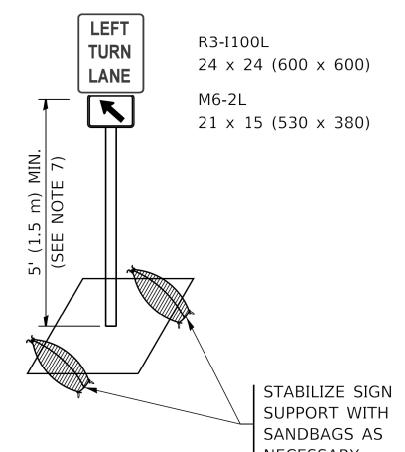
### NOTES:

1. A) WHEN "L" IS  $\leq$  THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.  
B) WHEN "L" IS  $>$  THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.
5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-I100R 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.

## TURN BAY ENTRANCE WITHIN A LANE CLOSURE



**FIGURE 2**



**DETAIL A**

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

USER NAME = footemj	DESIGNED - T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09
DRAWN - A. HOUSEH 11-07-95	REVISED - A. SCHUETZE 07-01-13	
PLOT SCALE = 50.0000 ' in.	CHECKED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16
PLOT DATE = 3/4/2019	DATE - T. RAMMACHER 01-06-00	REVISED -

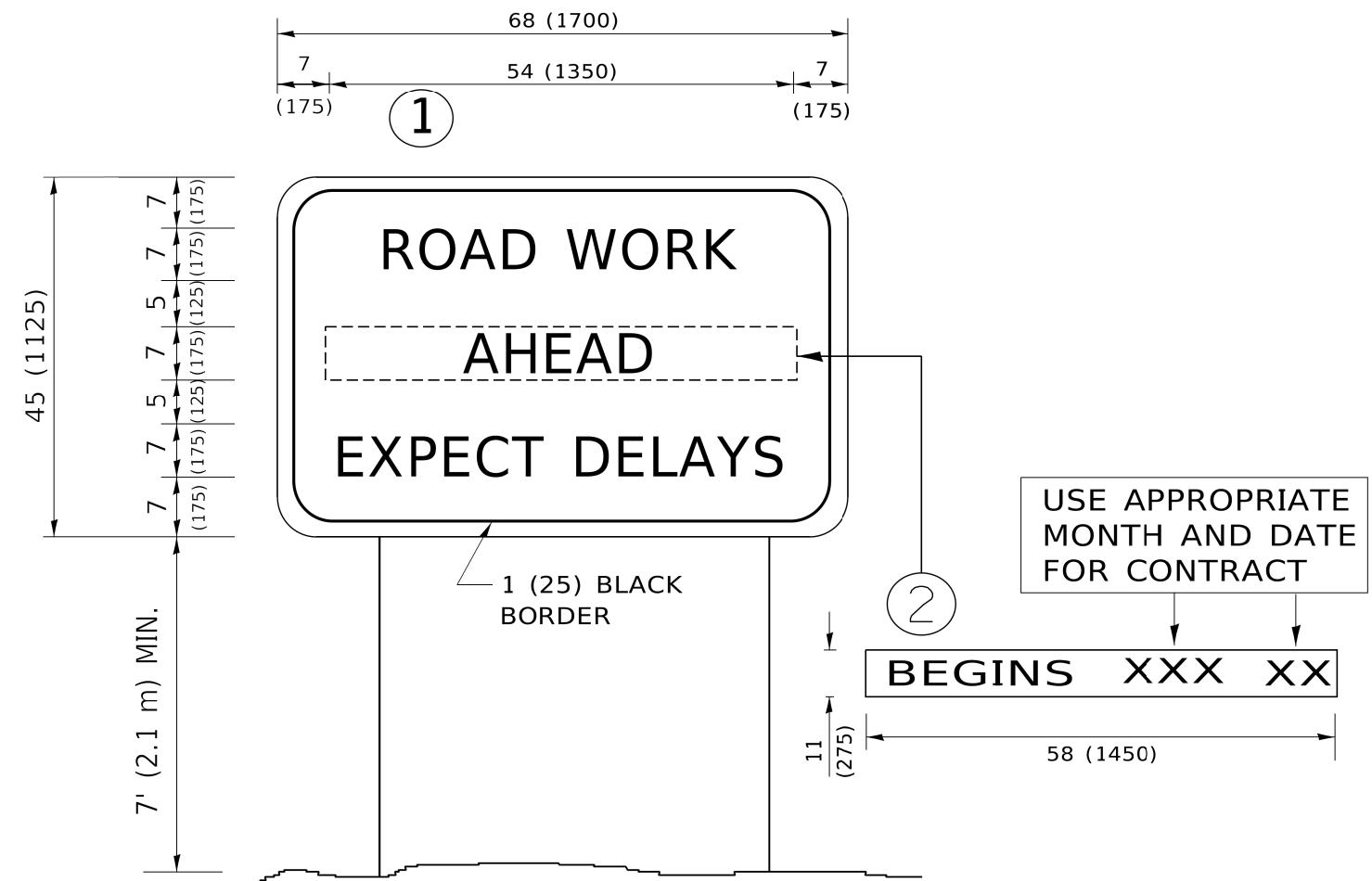
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

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

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	HEET NO.
1366	22-00069-00-RS	COOK	41	39
	TC-14			CONTRACT NO. 61M32

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## 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 SIGN①WITH INSTALLED PANEL②ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL②SOON 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

USER NAME = footemj		DESIGNED -	REVISED -	R. MIRS 09-15-97	
DRAWN -		REVISED -	R. MIRS 12-11-97		
PLOT SCALE = 50.0000' / in.		CHECKED -	REVISED -	T. RAMMACHER 02-02-99	
PLOT DATE = 2/16/2010		DATE -	REVISED -	C. JUGUS 01-21-07	
<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>					
<b>ARTERIAL ROAD</b> <b>INFORMATION SIGN</b>					
SCALE: NONE	SHEET: 1	OF: 1	SHEETS:	STA:	TO STA:
F.A. U. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
<b>1366</b>	<b>22-00069-00-RS</b>		<b>COOK</b>	<b>41</b>	<b>40</b>
<b>TC-22</b>					
CONTRACT NO. <b>61M3</b>					

