## STATE OF ILLINOIS

**DEPARTMENT OF TRANSPORTATION** 

D-91-484-20

2020-085 RS COOK

FOR INDEX OF SHEETS, SEE SHEET NO. 2

THIS PROJECT IS LOCATED IN THE CITY OF CHICAGO

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TRAFFIC DATA EXISTING ADT = 16000 (2019) POSTED SPEED LIMIT = 25-30 MPH

# **PROPOSED** HIGHWAY PLANS

FAU ROUTE 1360: US 41/FOSTER AVENUE ASHLAND AVE TO US 41 (LAKE SHORE DR) **SECTION: 2020-085-RS** PROJECT: STP-GW0A(851) **SMART OVERLAY COOK COUNTY** 

C-91-282-20

R14E **PROJECT BEGINS** STA 12+90 **OMISSION** STA 39+85 TO STA 42+48 STA 44+50 TO STA 47+23 **PROJECT ENDS** STA 54+47 TO STA 55+77 STA 69+30 FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED. C.U.A.N. - CHICAGO UTILITY ALERT NETWORK LAKEVIEW TOWNSHIP

PROJECT MANAGER: J. ALAIN MIDY (847) 221-3056

GROSS LENGTH = 5640 FT. = 1.068 MILE NET LENGTH = 4974 FT. = 0.94 MILE

LOCATION OF SECTION INDICATED THUS: - -

STATE OF ILLINOIS

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

**CONTRACT NO. 62L63** 

## INDEX OF SHEETS

DESCRIPTION

SHEET NO

## LIST OF STATE STANDARDS

SHEET NO.	DESCRIPTION		
1	COVER SHEET	STANDARD NO.	DESCRIPTION
2	INDEX OF SHEETS, STANDARDS, AND GENERAL NOTES	000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
3-4	SUMMARY OF QUANTITIES	442201-03	CLASS C AND D PATCHES
5	EXISTING & PROPOSED TYPICAL SECTIONS	604001-05	FRAME AND LIDS, TYPE 1
6-8	ROADWAY & PAVEMENT MARKINGS PLANS	606001-07	COMBINATION CONCRETE CURB AND GUTTER
9	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING (BD-08)	701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' TO 2' FROM PAVEMENT EDGE
10	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT (BD-22)	701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
11	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT (BD-24)	701311-03	LANE CLOSURE 2L, 2W, MOVING OPERATIONS, DAY ONLY
12	BUTT JOINT AND HMA TAPER DETAILS (BD-32)	701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEED < 40 MPH
13	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)	701602-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
14	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) (TC-14)	701611-01	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
15	SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS (TC-16)	701606-10	URBAN HALF ROAD CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
	• ,	701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
16	ARTERIAL ROAD INFORMATION SIGN (TC-22)	701801-06	LANE CLOSURE, MULTILANE 1W OR 2W CROSSWALK OR SIDEWALK CLOSURE
17	DISTRICT 1 - DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING (TS-07)	701901-08	TRAFFIC CONTROL DEVICES
18-20	CITY OF CHICAGO TYPICAL PAVEMENT MARKINGS (TC-24)		

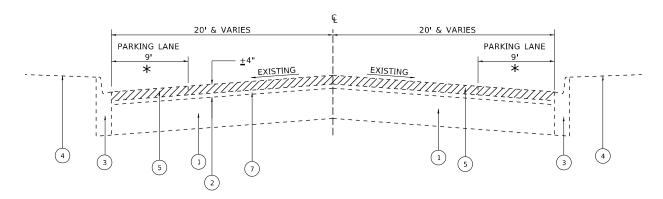
## GENERAL NOTES

- 1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "C.U.A.N." (CHICAGO UTILITY ALERT NETWORK) AT (312) 744-7000 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. (48 HOUR NOTIFICATION IS REQUIRED)
- 2. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE CITY OF CHICAGO.
- 3. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- 4. 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.
- 5. ALL PAVEMENT PATCHING LOCATIONS, LOCATION OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT, DRAINAGE ADJUSTMENT OR RECONSTRUCTION LOCATIONS, SIDEWALK REMOVAL AND P.C.C. SIDEWALK 5" LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- 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. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- 8. THE ENGINEER SHALL CONTACT MS. PATRICE HARRIS, AREA TRAFFIC FIELD ENGINEER, AT (708) 597-9800 A MINIMUM OF TWO WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- 9. THESE PLANS HAVE BEEN PREPARED FROM NOTES RECEIVED FROM THE BUREAU OF CONSTRUCTION.
- 10. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
- 11. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- 12. BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF ALL RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) ACCORDING TO THE "BUTT JOINT AND HOT-MIX ASPHALT TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- 13. CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY OF CHICAGO AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.
- 14. WHEN THE MILLED PAVEMENT IS OPEN TO TRAFFIC THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1 1/2 INCHES (40 mm) WHERE THE SPEED LIMIT IS 40 MPH (80 km/h) OR LESS AND 1 INCH (25 mm) WHERE THE SPEED LIMIT IS GREATER THAN 40 MPH (80 km/h). WITH WRITTEN APPROVAL OF THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES (75 mm) MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM 1:3 (V:H) OR A NOTCHED LONGITUDINAL WEDGE IS USED.
- 15. PERMITS FROM THE DEPARTMENT OF WATER MANAGEMENT ARE REQUIRED FOR ALL UNDERGROUND STORM, SANITARY OR COMBINED SEWER SYSTEM CONSTRUCTION, AND FOR RESURFACING WORK INVOLVING ADJUSTMENT OF SEWER STRUCTURES. THE DEPARTMENT OF WATER MANAGEMENT' PERMIT MUST BE OBTAINED BY A LICENSED SEWER DRAIN LAYER PRIOR TO START OF CONSTRUCTION.
- 16. PERFORATED LIDS SHALL BE PLACED ON ALL MANHOLES AND CATCH BASINS.
- 17. ALL BROKEN, CRACKED, WORN OR OTHERWISE DAMAGED OR BICYCLE UNSAFE FRAMES AND LIDS ON SEWER STRUCTURES, SHALL BE REPLACED WITH NEW DEPARTMENT OF SEWERS' STANDARD FRAMES AND LIDS.
- 18. OPEN LID DRAINAGE STRUCTURES SHALL NOT BE CLOSED, COVERED OR OTHERWISE OBSTRUCTED DURING CONSTRUCTION OF THIS ROADWAY WITHOUT THE WRITTEN PERMISSION FROM THE CITY OF CHICAGO.

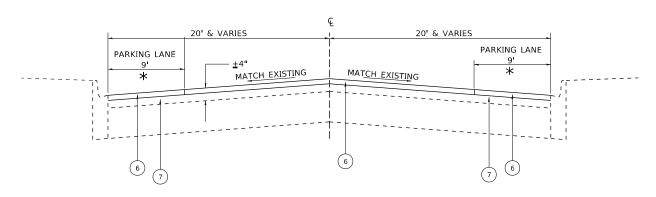
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	SUMMARY OF QUANTITIES				CON	NSTRUCTIO	ON TYPE CODE				SUMMIS	RY OF OHANTITIES	ARY OF QUANTITIES						
	SOMMAN OF GUANTITIES		URBAN TOTAL							1	JOINIMA	TO COMMITTIES		URBAN TOTAL					
CODE NO	ITEM	UNIT	QUANTITIES	0005 80% FED 20% STATE	0005 100% STATE					CODE NO		ITEM	UNIT	QUANTITIES	0005 80% FED 20% STATE	0005 100% STATE			
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	11650	11650						44201771	CLASS D PATC	HES, TYPE IV, 10 INCH	SO YD	80	80				
40600400	MIXTURE FOR CRACKS, JOINTS, AND	TON	39	39						60300305	FRAMES AND L	IDS TO BE ADJUSTED	EACH	60	60				
	FLANGEWAYS																		
										67000400	ENGINEER'S F	IELD OFFICE. TYPE A	CAL MO	6	6				
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT	SQ YD	480	480															
	JOINT									67100100	MOBILIZATION	1	L SUM	1	1				
40601005	HOT-MIX ASPHALT REPLACEMENT OVER	TON	37	37						70102625	TRAFFIC CONT	ROL AND PROTECTION,	L SUM	1	1				
	PATCHES										STANDARD 701	606							
40604172	POLYMERIZED HOT-MIX ASPHALT SURFACE	TON	2548	2548						70102632	TRAFFIC CONT	ROL AND PROTECTION.	L SUM	1	1				
	COURSE, IL-9.5, MIX "E", N70										STANDARD 701	602							
42001300	PROTECTIVE COAT	SO YD	1 35	135						70102634	TRAFFIC CONT	ROL AND PROTECTION,	L SUM	1	1				
											STANDARD 701	611							
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5	SO FT	600	600															
	INCH									70102635	TRAFFIC CONT	ROL AND PROTECTION,	L SUM	1	1				
											STANDARD 701	701							
44000156	HOT-MIX ASPHALT SURFACE REMOVAL, 1	SQ YD	26000	26000															
	3/4"									70102640	TRAFFIC CONT	ROL AND PROTECTION,	L SUM	1	1				
											STANDARD 701	801							
44000600	SIDEWALK REMOVAL	SO FT	600	600															
										70300100	SHORT TERM P	AVEMENT MARKING	FOOT	3800	3800				
44002216	HOT-MIX ASPHALT REMOVAL OVER PATCHES,	SQ YD	165	165															
	4"									70300150	SHORT TERM P	AVEMENT MARKING REMOVAL	SO FT	1270	1270				
44201765	CLASS D PATCHES, TYPE II, 10 INCH	SO YD	20	20						70300210	TEMPORARY PA	VEMENT MARKING LETTERS AND	SO FT	246. 7	246.7				
											SYMBOLS								
44201769	CLASS D PATCHES, TYPE III, 10 INCH	SO YD	40	40															
										70300220	TEMPORARY PA	ARY PAVEMENT MARKING - LINE 4" FOOT 6000 6000			6000	15			2014/15::5=
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	SUMMARY OF QUANTITIES				CO	CONSTRUCTION TYPE CODE				SUMMARY OF QUANTITIES		CONSTRUCTION TYPE CODE					
			URBAN TOTAL							3. 33		URBAN TOTAL	-				
CODE NO	ITEM	UNIT	QUANTITIES	0005 80% FED 20% STATE	0005 100% STATE				CODE NO	ITEM	UNIT	QUANTITIES	0005 80% FED 20% STATE	0005 100% STATE			
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	550	550					Z0004562	COMBINATION CONCRETE CURB AND GUTTER	FOOT	400	400				
70700260	TEMPORARY PAVEMENT MARKING - LINE 12"	5007	150	150						REMOVAL AND REPLACEMENT							
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	150	150					Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	25		25			
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	2520	2520													
									Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	102.8	102.8				
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	1900	1900													
									Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	8294	8294				
78000100	THERMOPLASTIC PAVEMENT MARKING -	SO FT	246. 7	246.7													
	LETTERS AND SYMBOLS																
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE	FOOT	6000	6000													
	4"																
78000400	THERMOPLASTIC PAVEMENT MARKING - LINE	FOOT	550	550													
	6"																
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE	FOOT	150	150													
1000000	12"	1001	130	130													
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE	FOOT	2520	2520													
	24"																
X4400501	COMBINATION CONCRETE CURB AND GUTTER  REMOVAL AND REPLACEMENT EQUAL TO OR	FOOT	80	80													
	LESS THAN 10 FEET																
x5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	150		150												
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SO FT	8740	8740													
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FOSTER AVE.
EXISTING TYPICAL CROSS SECTION
STA. 12+90 TO STA. 69+30



FOSTER AVE.
PROPOSED TYPICAL CROSS SECTION
STA. 12+90 TO STA. 69+30

\* PARKING LANE STA. 12+60 TO STA. 53+40

CONTRACTOR SHALL PATCH FIRST BEFORE MILLING

### LEGEND

- 1. EXISTING P.C. CONCRETE PAVEMENT,  $\pm$  10"
- 2. EXISTING HMA SURFACE COURSE, ± 4"
- 3. EXISTING COMBINATION CONCRETE CURB AND GUTTER, TYPE B 6.12
- 4. EXISTING P.C. CONCRETE SIDEWALK
- 5. PROPOSED HMA SURFACE REMOVAL, 1 3/4"
- 6. PROPOSED POLYMERIZED HMA SURFACE COURSE, MIX "E", IL-9.5, N70, 1 3/4"
- 7. EXISTING HMA SURFACE OVERLAY, ± 1 1/2"

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	AIR VOIDS	QUALITY
MIXTURE TYPE	@ NODES	MANAGEMENT PROGRAM (QMP)
RESURFACING		
POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "E", N70 (IL 9.5 mm)	4% @ 70 GYR	QCP
HMA PATCHING		
CLASS D PATCH (HMA BINDER IL-19mm)	4% @ 70 GYR	QC/QA
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19mm)	4% @ 70 GYR	QC/QA
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE (QC)		(PFP)

THE UNIT WEIGHT USED TO CALCULATE ALL HOT-MIX ASPHALT SURFACE MIXTURE QUANTITIES IS 112 LBS/SY/IN.

THE "AC TYPE" FOR POLYMERIZED HMA MIXES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PF 64-22" UNLESS MODIFIED BY SPECIAL PROVISIONS.

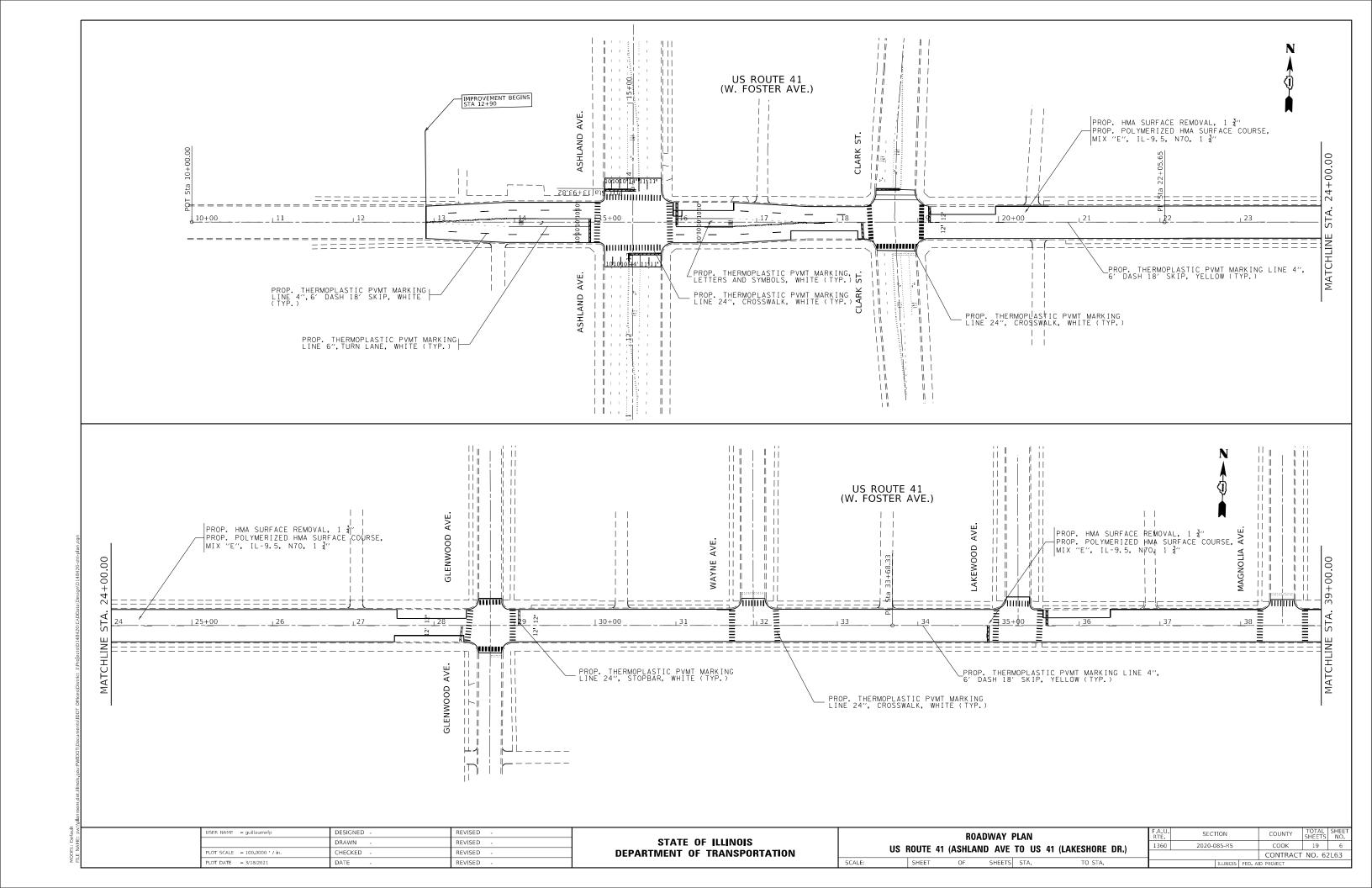
FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS

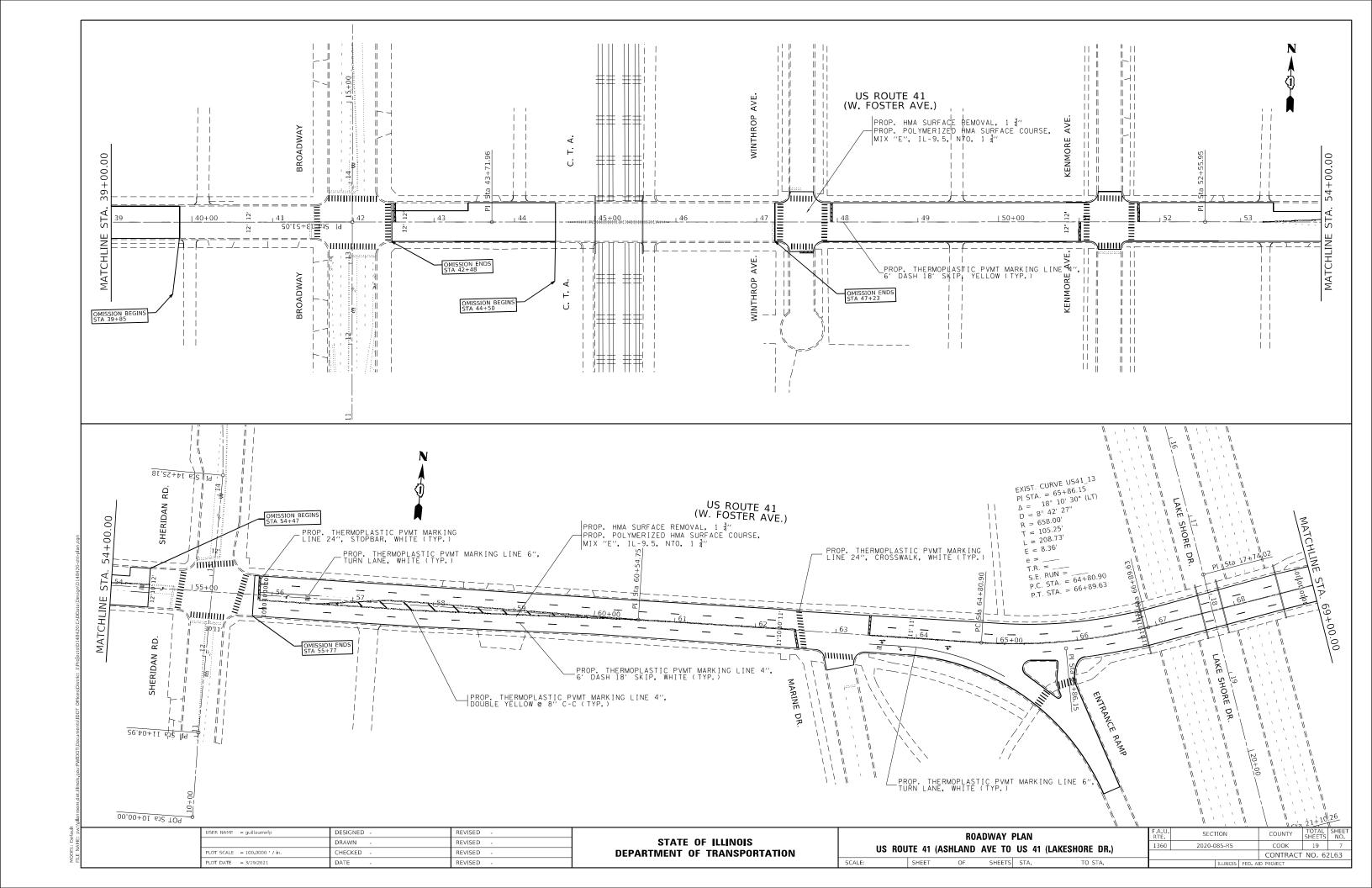
QUALITY MANAGEMENT PROGRAM (QMP) IDENTIFIES THE PARTICULAR QUALITY CONTROL SPECIFICATION THAT APPLIES TO THE HMA MIXTURE.

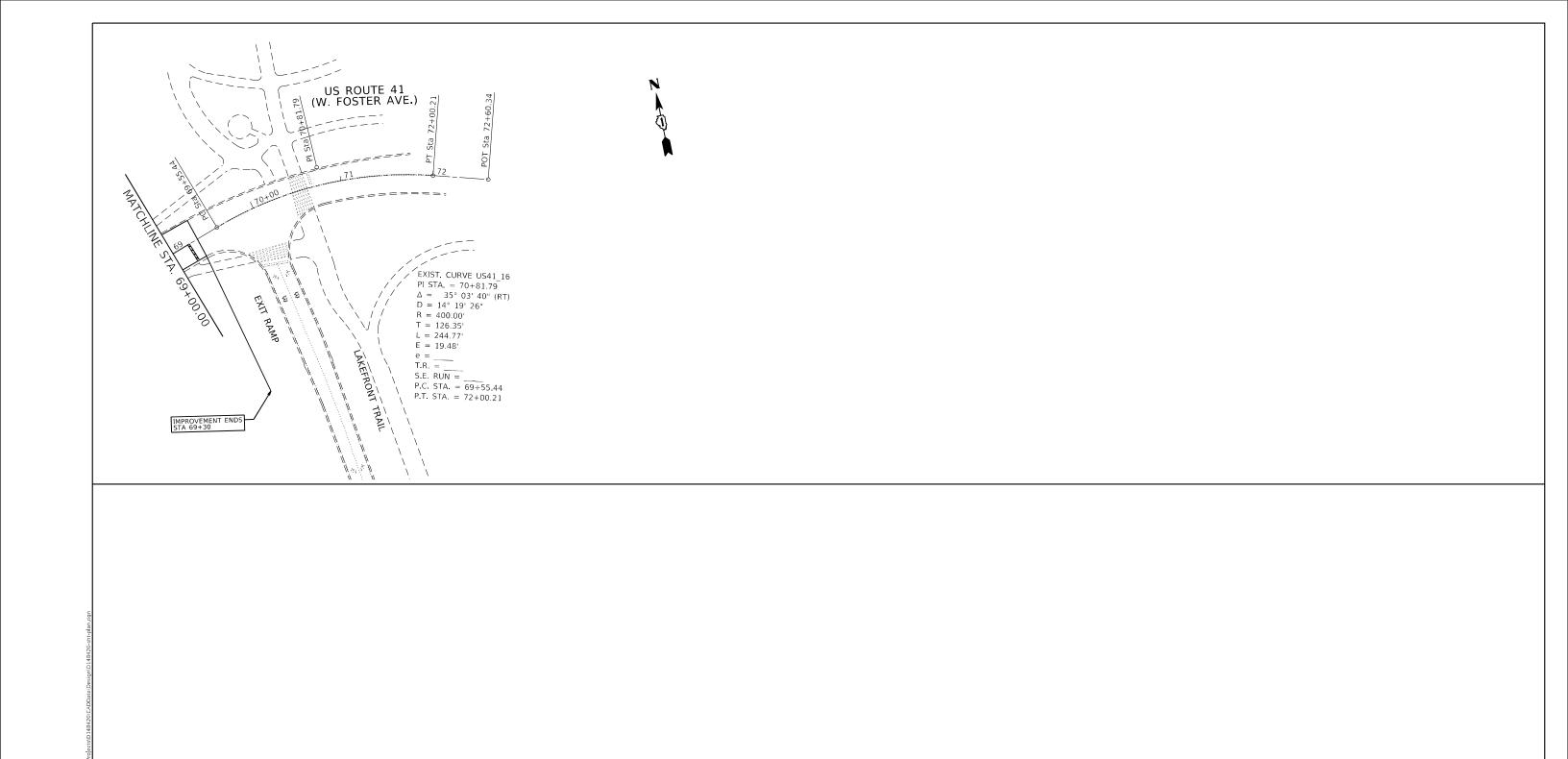
THE LONGITUDINAL JOINT SEALANT SHALL BE PLACED OVER THE MILLED SURFACE.

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	PLOT DATE = 4/23/2021	DATE -	REVISED -	

FOSTER AVE (ASHLAND AVE TO US 41 (LAKE SHORE DR))	F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
EXISTING AND PROPOSED TYPICAL SECTIONS	1360	2020-085-RS	соок	19	5
EXISTING AND THOUGHD THEE SECTIONS			CONTRAC	T NO. 6	2L63
SCALE: SHEET NO. OF SHEETS STA. TO STA.	FED. ROAD DIST, NO. 1   ILLINOIS   FED. AID PROJECT				





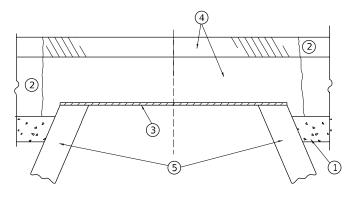


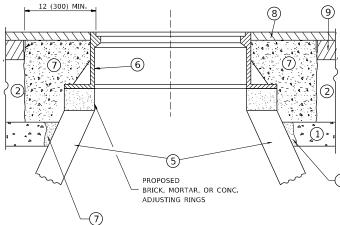
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STATE OF	ILLINOIS
<b>DEPARTMENT OF </b> 7	TRANSPORTATION

SCALE:

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SHEET OF SHEETS STA. TO STA.							TILLINO	S FED A	ID 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.

#### **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.
- $oldsymbol{*}$  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 \*CONCRETE
- 3 36 (900) DIAMETER METAL PLATE
- 8 PROPOSED HMA SURFACE COURSE
- PROPOSED CRUSHED STONE AND HMA SURFACE MIX

  (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.

## DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

 USER NAME
 = guillaumefp
 DESIGNED
 R. SHAH
 REVISED
 R. WEDEMAN 05-14-04

 DRAWN
 REVISED
 R. BORO 01-01-07

 PLOT SCALE
 = 100.0000 ' / in.
 CHECKED
 REVISED
 R. BORO 03-09-11

 PLOT DATE
 = 3/18/2021
 DATE
 10-25-94
 REVISED
 R. BORO 12-06-11

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

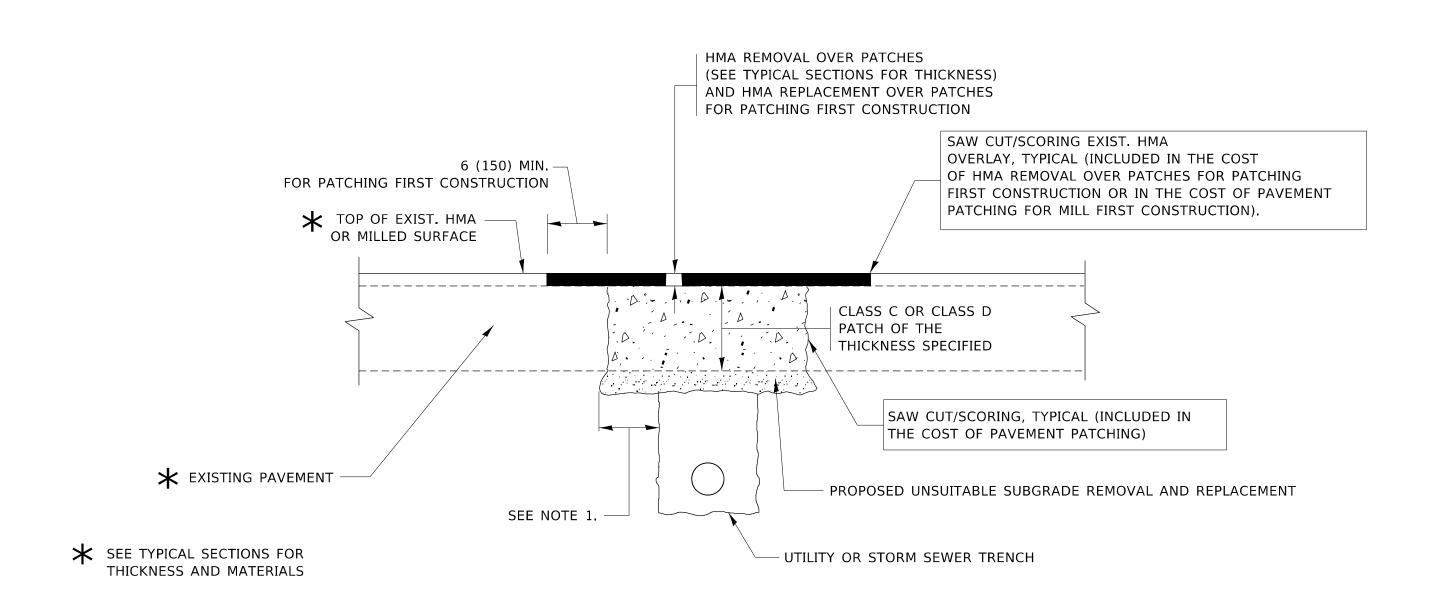
FRAMES AND LIDS ADJUSTMENT WITH MILLING

SHEET 1 OF 1 SHEETS STA. TO STA.

 F.A.U RTE.
 SECTION
 COUNTY
 TOTAL SHEETS NO.
 SHEETS NO.

 1360
 2020-085-RS
 COOK
 19
 9

 BD600-03 (BD-8)
 CONTRACT NO. 62 L63



## NOTES:

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

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

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

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

- 1. MILL HMA FIRST IF THERE IS AT LEAST  $4\frac{1}{2}$  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 PLACE AFTER MILLING.
- 2. REMOVE AND REPLACE WITH FULL DEPTH CLASS D PATCHES TO TOP OF MILLED SURFACE.

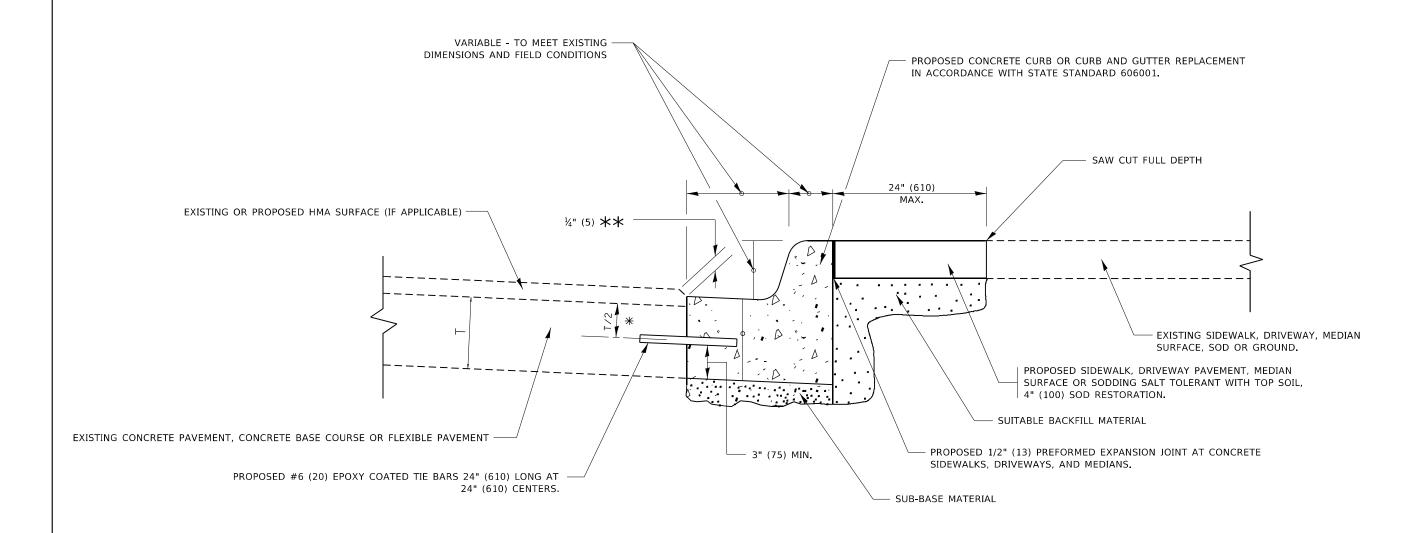
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

OSEK NAME = guillaumerp	DESIGNED	-	N. SHARI	KENIZED	-	A. ADDAS 04-27-96
	DRAWN	-		REVISED	-	R. BORO 01-01-07
PLOT SCALE = 100.0000 / in.	CHECKED	-		REVISED	-	R. BORO 09-04-07
PLOT DATE = 3/18/2021	DATE	-	10-25-94	REVISED	-	K. ENG 10-27-08

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: NONE

	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT						F.A.U RTE	SEC <sup>-</sup>	LION		COUNTY	TOTAL SHEETS	SHEE NO.
							1360	2020-08	85 <b>-</b> RS		COOK 19		10
HIMA SURFACED PAVEINEINI							BD400-04 (E	BD-22)		CONTRACT	NO. 62	L63	
HEET	1	OF	1	SHEETS	STA.	TO STA.			ILLINOIS	FED. A	ID PROJECT		



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

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

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

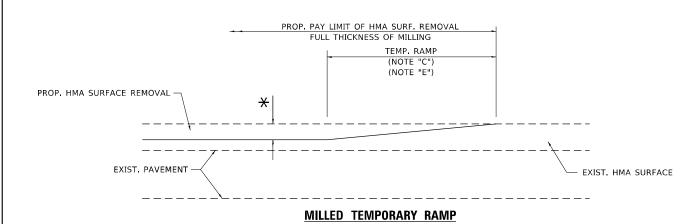
USER NAME = guillaumefp	DESIGNED	-	A. HOUSEH	REVISED	-	A. ABBAS 03-21-97
	DRAWN	-		REVISED	-	M. GOMEZ 01-22-01
PLOT SCALE = 100.0000 / in.	CHECKED	-		REVISED	-	R. BORO 12-15-09
PLOT DATE = 3/18/2021	DATE	-	03-11-94	REVISED	-	K. SMITH 07-11-19

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

 CURB
 OR
 CURB
 AND
 GUTTER
 F.A.U RTE.
 SECTION

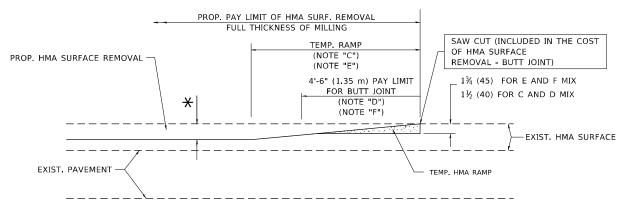
 REMOVAL
 AND
 REPLACEMENT
 1360
 2020-085-RS

 SHEET
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 OF
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 SHEETS
 STA.
 TO STA.



(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

## OPTION 1

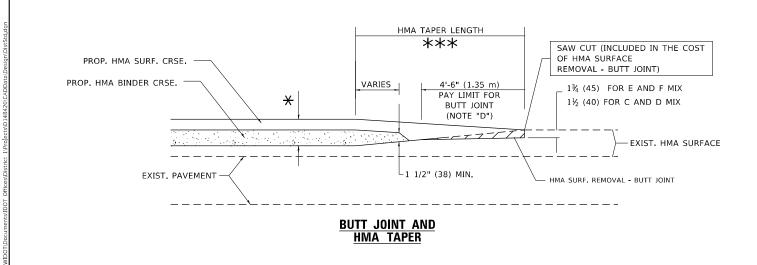


HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

## OPTION 2

## TYPICAL TEMPORARY RAMP



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

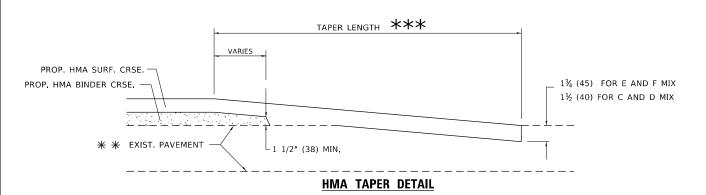
JSER NAME = guillaumefp M. DE YONG DESIGNED DRAWN REVISED -A. ABBAS 03-21-97 HECKED M. GOMEZ 04-06-01 LOT DATE = 3/18/2021 R.BORO 01-01-07 DATE REVISED -

STATE OF ILLINOIS

**BUTT JOINT AND** HMA TAPER DETAILS SHEET 1 OF 1 SHEETS STA.

PROP. HMA OR PCC SURFACE REMOVAL - BUTT JOINT SAW CUT (INCLUDED IN THE COST 30'-0" (9.0 m) (NOTE "A") OF HMA OR P.C.C. SURFACE REMOVAL 15'-0" (4.5 m) (NOTE "B") - BUTT JOINT) (NOTE "D") 1¾ (45) FOR E AND F MIX 1½ (40) FOR C AND D MIX

**BUTT JOINT DETAIL** 



## TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

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

## NOTES

A. MAINLINE ROADWAYS AND MAJOR SIDE ROADS.

EXIST, HMA OR PCC SURFACE -

\* \* EXIST. PAVEMENT

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

\*\*\* 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A") 10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

## **BASIS OF PAYMENT**

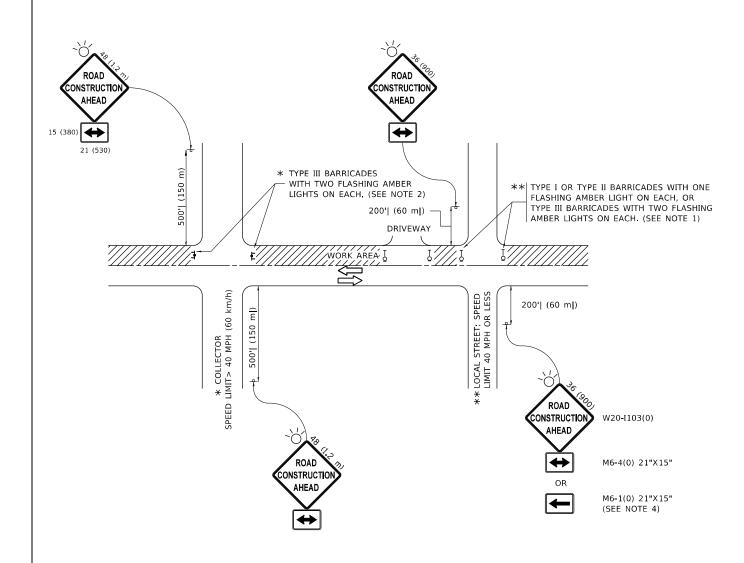
THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL - BUTT JOINT" JOINT".

SCALE: NONE

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

**DEPARTMENT OF TRANSPORTATION** 

COOK 19 12 BD400-05 BD32 CONTRACT NO. 62L63 TO STA.



### 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

SCALE: NONE

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.

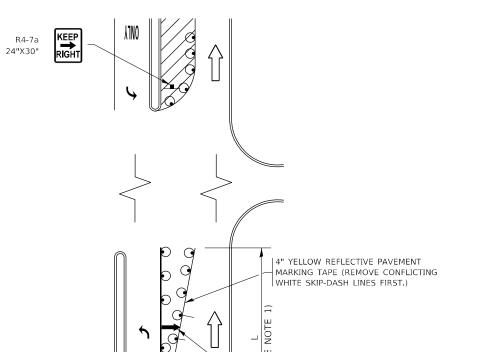
USER NAME = guillaumefp	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96
	DRAWN -	REVISED - T. RAMMACHER 01-06-00
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13
PLOT DATE = 3/18/2021	DATE - 06-89	REVISED _ A. SCHUETZE 09-15-16

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SI	DE RO	AD	S, INTE	RS	ECTION	IS, AND	TION FOR DRIVEWAYS
	SHEET	1	OF	1	SHEETS	S STA.	TO STA.

F.A.U RTE	SEC <sup>-</sup>	LION	COUNTY		TOTAL SHEETS	SHE	
1360	2020-08	35-RS			COOK	19	13
	TC-10	C	ONTRACT	NO. 62	2L63		
		VID D	OUECT				

## TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER



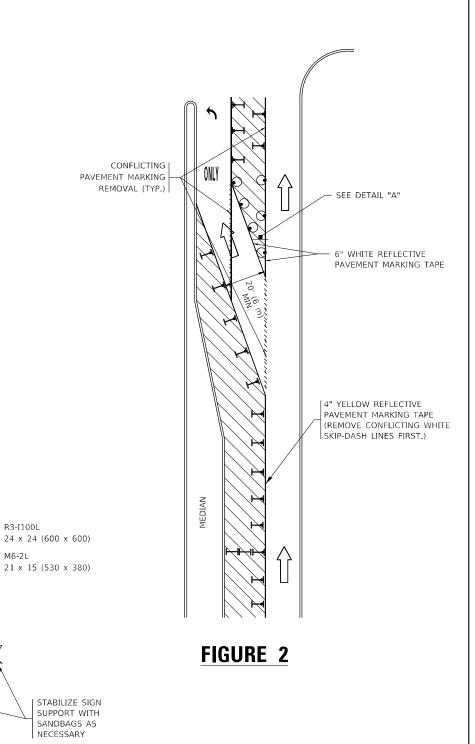
- ARROW BOARD

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

## NOTES:

- 1. A) WHEN "L" IS ≤ 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 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.

## **TURN BAY ENTRANCE** WITHIN A LANE CLOSURE



## **DETAIL A**

M6-2L

TURN

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

COOK

CONTRACT NO. 62L63

19 14

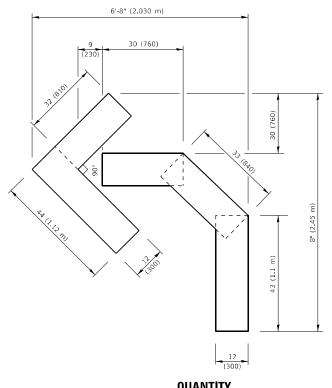
#### DESIGNED -T. RAMMACHER 09-08-94 R. BORO 09-14-09 SER NAME = guillaumef A. HOUSEH 11-07-95 REVISED - A. SCHUETZE 07-01-13 A. HOUSEH 10-12-96 REVISED - A. SCHUETZE 09-15-16 PLOT DATE = 3/18/2021 DATE -T. RAMMACHER 01-06-00 REVISED

FIGURE 1

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** 

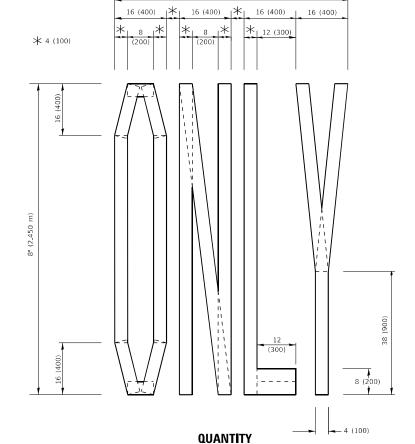
TRAFFIC CONTROL AND PROTECTION AT TURN BAYS										F.A.U RTE SECTION			
	(TO REMAIN OPEN TO TRAFFIC)									1360 2020-085-RS			
	(TO REWARK OF EN TO TRAFFIG)										TC-14		
SCAL	E: NONE	SHEET	1	OF	1	SHEETS	STA.	TO STA.			ILLINOIS	FED	

SEE DETAIL "A"

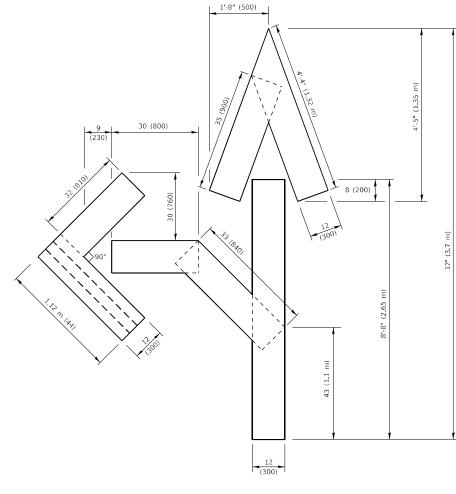


## **QUANTITY**

4 (100) LINE = 45.5 ft. (13.9 m)15.2 sq. ft. (1.41 sq. m)



4 (100) LINE = 64.1 ft. (19.5 m)

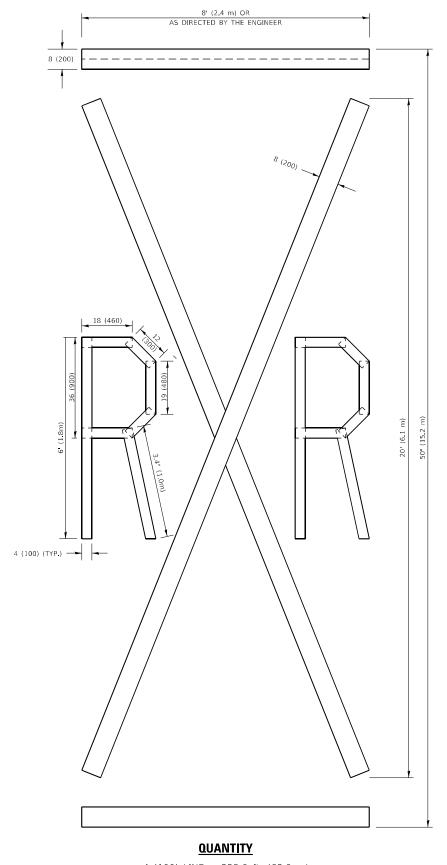


## QUANTITY

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

## 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 = 225.9 ft. (68.9 m)75.3 sq. ft. (6.99 sq. m)

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

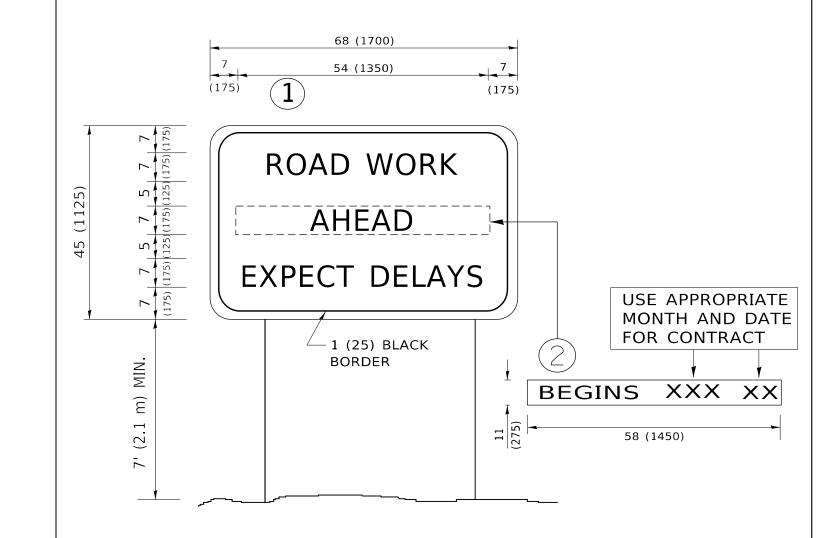
USER NAME = guillaumefp	DESIGNED -	REVISED	- T. RAMMACHER 03-02-98
	DRAWN -	REVISED	- E. GOMEZ 08-28-00
PLOT SCALE = 100.0010 / in.	CHECKED -	REVISED	- E. GOMEZ 08-28-00
PLOT DATE = 3/18/2021	DATE - 09-18-94	REVISED	- A. SCHUETZE 09-15-16

21.4 sq. ft. (1.99 sq. m)

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** 

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS SCALE: NONE SHEET 1 OF 1 SHEETS STA.

SECTION 2020-085-RS COOK 19 15 CONTRACT NO. 62L63 TC-16



## NOTES:

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

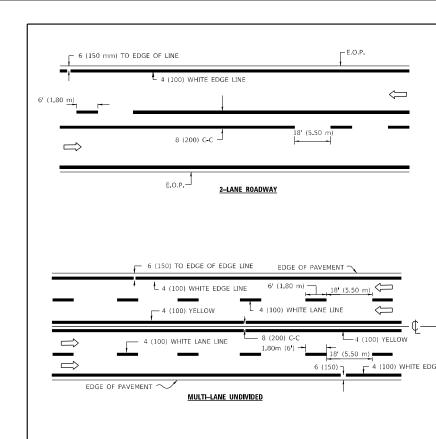
SCALE: NONE

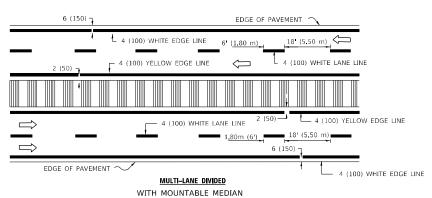
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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

USER NAME = guillaumefp	DESIGNED -	REVISED	-	R. MIRS 09-15-97
	DRAWN -	REVISED	-	R. MIRS 12-11-97
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED	- T.	RAMMACHER 02-02-9
PLOT DATE = 3/18/2021	DATE -	REVISED	-	C. JUCIUS 01-31-07

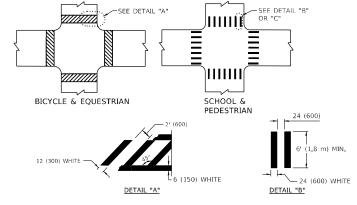
		F.A.U RTE	SECTION					
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			TC-22					
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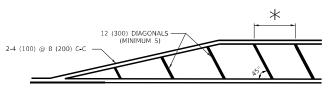


## TYPICAL LANE AND EDGE LINE MARKING

NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

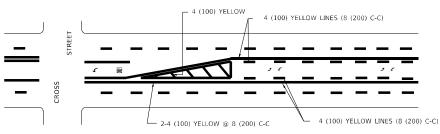




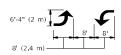


- \* FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.
- \* DIAGONAL LINE SPACING: 20' (6.1 m) C-C

#### PAINTED MEDIANS

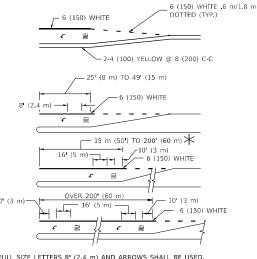


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED. WHITE IN COLOR



MEDIAN WITH TWO-WAY LEFT TURN LANE

## TYPICAL PAINTED MEDIAN MARKING

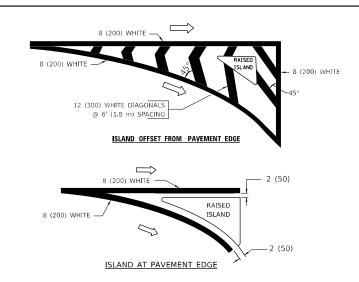


 $\uparrow$  AREA = 15.8 SQ. FT. (1.47 m<sup>2</sup>) ()NLY AREA = 22.9 SQ. FT. (2.13 m<sup>2</sup>)

\* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

## **TYPICAL TURN LANE MARKING**



## TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	6' (1.80 m) LINE WITH 18' (5.50 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	8 (200) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	8 (200) C-C
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	6' (1.80 m) LINE WITH 18' (5.50 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) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE, FULL SIZE LETTERS & SYMBOLS (8' (2.4 m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION	SKIP-DASH AND SOLID	YELLOW	6' (1.8 m) LINE WITH 18' (5.50 m) SPACE FOR SKIP-DASH; 8 (200) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE
	8' (2.4 m) LEFT ARROW	IN PAIRS	WHITE	SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL & PEDESTRIAN)	12 (300) @ 45° 24 (600) @ 90°	SOLID SOLID	WHITE WHITE	2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1,2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45°	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	8 (200) 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: 20' (6.1 m) (LESS THAN 30 MPH (50 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SO. FT. (0.33m <sup>2</sup> ) EACH "X"=54.0 SO. FT. (5.0 m <sup>2</sup> )

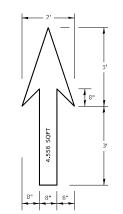
FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STREET MARKING STANDARDS, PRINTED BY CITY OF CHICAGO, DEPARTMENT OF TRANSPORTATION, BUREAU OF TRAFFIC.

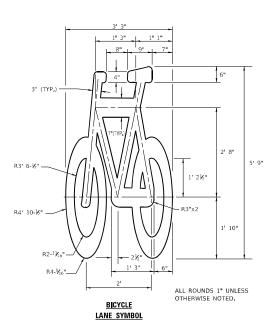
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

JSER NAME = guillaumefp DESIGNED -REVISED -T. RAMMACHER 12-07-00 DRAWN REVISED -K. ENG 02-28-12 CHECKED REVISED PLOT DATE = 3/18/2021 DATE REVISED

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** 

	OF CHIC	F.A.U RTE	SEC <sup>-</sup>	ΠΟN		COUNTY	TOTAL SHEETS	SHEET NO.					
	TYPICAL PAVEMENT MARKINGS									2020-085-RS		19	17
		UAL	1 AV	LIVILIAI	IVIZALIK	INGO		TC-24			CONTRACT	NO. 62	L63
SCALE: NONE SHEET 1 OF 3 SHEETS STA. TO STA.									ILLINOIS	FED. A	ID PROJECT		

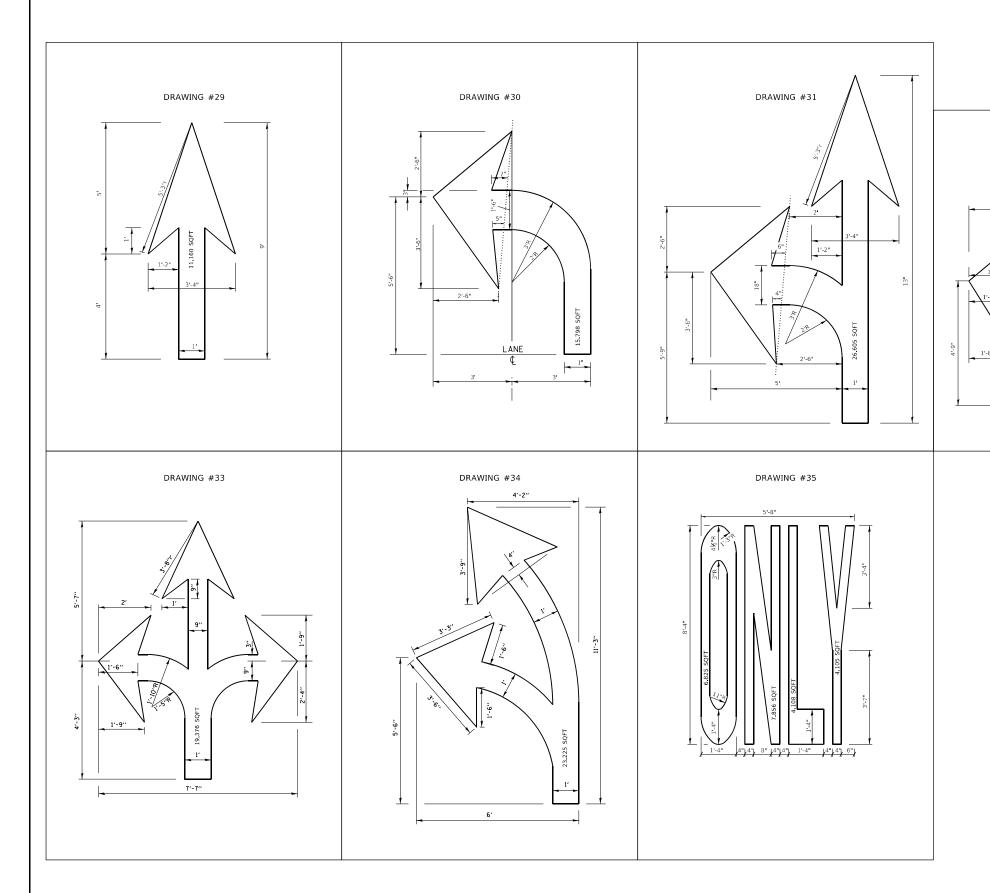




### NOTE:

- 1. FOR BIKE LANE SYMBOLS ONLY,
  USE PRE-FORMED THERMOPLASTIC
  WITH A MINIMUM THICKNESS OF 90 MILS,
  MINIMUM SKID RESISTANCE VALUE OF 60 BPN,
  & A MINIMUM INDEX OF REFRACTION OF 1.50.
- 2. THE RESIDENT ENGINEER SHALL CONTACT MR, BEN GOMBERG AT 312-744-8093 AT LEAST ONE CALENDAR WEEK PRIOR TO INSTALLING BIKE LANE SYMBOLS.

TYPICAL BIKE LANE SYMBOLS
DRAWING #28



### NOTE:

ALL MARKINGS SHALL BE SOLID WHITE UNLESS OTHERWISE NOTED IN THE PLANS

DRAWING #32

USER NAME = guillaumetp	DESIGNED -	REVISED - 1. RAMMACHER 12-07-00
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -
PLOT DATE = 3/18/2021	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: NONE

CITY OF CHICAGO	F.A.U RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TYPICAL PAVEMENT MARKINGS	1360	2020-085-RS	соок	19	18
TIT JUNE I AVENIENT INMININGS		TC-24 CONTRACT NO. 62			L63
SHEET 2 OF 3 SHEETS STA. TO STA.		ILLINOIS FED. A	ID PROJECT		

MODEL: Default

