STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

2001-142RS COOK 26 CONTRACT NO. 62321

D-91-449-01



STATE OF ILLINOIS

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

FOR INDEX OF SHEETS, SEE SHEET NO. 2

THE IMPROVEMENT IS LOCATED IN THE **CITY OF CHICAGO**

TRAFFIC DATA

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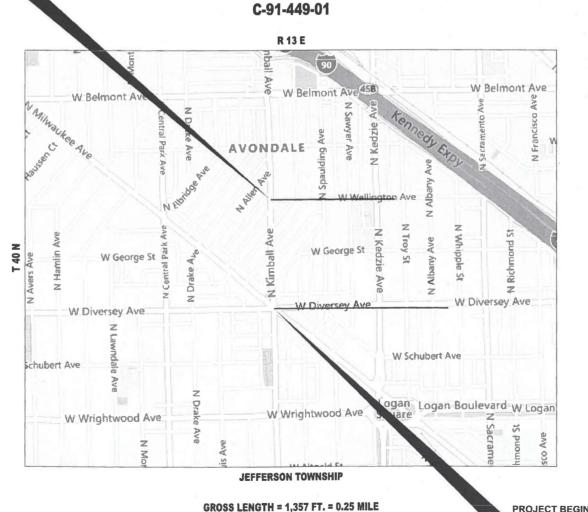
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KIMBALL AVENUE 2022 ADT = 13,300 POSTED SPEED LIMIT = 20 MPH

PROPOSED HIGHWAY PLANS

FAU ROUTE 3728 (KIMBALL AVE.)
FROM DIVERSEY AVE. TO WELLINGTON AVE. **SECTION: 2001-142RS** PROJECT: STP-NW2U (968) STANDARD OVERLAY, ADA IMPROVEMENT

COOK COUNTY PROJECT ENDS STA. 29+17



PROJECT BEGINS

ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION 1-800-892-0123

PROJECT ENGINEER: LUKASZ POCIECHA (847) 705-4255 **PROJECT MANAGER: VESELIN VELICHKOV**

CONTRACT NO. 62321

INDEX OF SHEETS

SHEET

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7-9	PROPOSED SIDEWALK RAMP DETAILS
10	DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING (BD-08)
11	PAVEMENT PATCHING FOR HMA SURFACED PAVEMENT (BD-22)
12	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT (BD-24)
13	BUTT JOINT AND HMA TAPER DETAILS (BD-32)
14	CITY OF CHICAGO DETECTABLE WARNINGS (BD-58)
15	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)
16	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TC-14)
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18	ARTERIAL ROAD INFORMATION SIGN (TC-22)
19-20	CITY OF CHICAGO TYPICAL PAVEMENT MARKINGS (TC-24)
21	DRIVEWAY ENTRANCE SIGNING (TC-26)
22	PROJECT DETAIL FOR SINGLE PERPENDICULAR CURB RAMPS (PD-01)
23	PROJECT DETAIL FOR DEPRESSED CORNER CURB RAMPS (PD-05)
24	CITY OF CHICAGO CATCH BASIN, INLET AND MANHOLE DETAILS (BD-47)
25-26	UTILITY MARKUP PLANS

GENERAL NOTE-UTILITY SECTION

OUC- EFP 131372 WAS APPROVED. GC SHALL USE THE EFP NUMBER TO SECURE ALL NEEDED CDOT PERMITS.

STATE STANDARDS

DESCRIPTION

STANDARD NO.

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
424001-12	PERPENDICULAR CURB RAMPS FOR SIDEWALKS
424011-05	CORNER PARALLEL CURB RAMPS FOR SIDEWALKS
424021-07	DEPRESSED CORNER FOR SIDEWALKS
442201-03	CLASS C AND D PATCHES
604001-05	FRAME AND LIDS TYPE 1
606001-08	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701006- 05	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L 2W,SHORT TIME OPERATIONS
701311-03	LANE CLOSURES, 2L,2W, MOVING OPERATIONS-DAY ONLY
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS =< 40 MPH
701501-06	URBAN LANE CLOSURE, 2L,2W UNDIVIDED
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
701901-10	TRAFFIC CONTROL DEVICES

GENERAL NOTES

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "CUAN" AT
 (312) 744-7000 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE,
 AND GAS FACILITIES. (48 HOUR NOTIFICATION REQUIRED)
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE CITY OF CHICAGO AND OBTAIN ALL NECESSARY PERMITS.
- FRAMES AND GRATES ADJUSTMENT OF PRIVATE UTILITIES WITHIN THE LIMITS OF THE IMPROVEMENTS SHALL BE DONE BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT.
- 4. THE CONTRACTOR SHALL CONTACT THE IDOT ARTERIAL DISTRICT ONE TRAFFIC CONTROL SUPERVISOR KALPANA KANNAN-HOSADURGA AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK,
- 5. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT THE WRITTEN PERMISSION OF THE DEPARTMENT.
- 6. UNLESS OTHER CONDITIONS WARRANT EXTENDED LANE CLOSURE AS DETERMINED AND APPROVED IN WRITING BY THE ENGINEER OR AS PROVIDED FOR IN THE CONTRACT SPECIFICATIONS, OVERNIGHT CLOSURES SHALL NOT BE ALLOWED FOR REHABILITATION PROJECTS INVOLVING DAYTIME MILLING AND RESURFACING OPERATIONS AND CLASS D PATCHING.
- 7. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- 8. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
- 9. ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE
- 10. DRAINAGE ADJUSTMENT OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

GENERAL NOTES (CONTINUED...)

- 11. FOR FRAMES AND LIDS ADJUSTMENT WITHOUT MILLING, REUSE EXISTING FRAME AND LID UNLESS OTHERWISE SPECIFIED IN THE PLANS.
- 12. WHEN MILLED PAVEMENT IS OPEN TO TRAFFIC, THE MAXIMUM GRADE DIFFERENTIAL BETWEEN PASSES OF THE MILLING MACHINE SHALL NOT EXCEED 1½ INCHES WHERE THE SPEED LIMIT IS 45 MPH OR LESS, AND 1 INCH WHERE THE SPEED LIMIT IS OVER 45 MPH. WITH WRITTEN APPROVAL FROM THE ENGINEER, A MAXIMUM GRADE DIFFERENTIAL OF 3 INCHES MAY BE ALLOWED IF THE EDGE OF THE MILLING IS SLOPED A MINIMUM OF 1V:3H.
- 13. BUTT JOINTS WILL BE INSTALLED AT THE ENDS OF RESURFACING (WHERE RESURFACING MEETS EXISTING PAVEMENT) IN ACCORDANCE WITH THE "BUTT JOINT AND HMA TAPER DETAILS" SHEET INCLUDED IN THE PLANS, UNLESS OTHERWISE SPECIFIED.
- 14. THE ENGINEER SHALL CONTACT PATRICE HARRIS, ARTERIAL TRAFFIC FIELD ENGINEER AT PATRICE.HARRIS@ILLINOIS.GOV A MINIMUM OF 2 WEEKS PRIOR TO PLACEMENT OF PERMANENT PAYEMENT MARKINGS
- 15. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.
- 16. ANY PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS OBLITERATED BY MILLING AND RESURFACING OPERATIONS ON SIDE STREETS AND ENTRANCES SHALL BE REPLACED AND PAID FOR IN KIND.
- 17. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION.
- 18. LOCATION OF COMBINATION CONCRETE CURB AND GUTTER REMOVAL AND REPLACEMENT [OR COMBINATION CURB AND GUTTER (THE TYPE SPECIFIED IN THE PLANS)] WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- 19. PAVEMENT MARKING TAPE TYPE IV SHALL BE USED FOR SHORT TERM PAVEMENT MARKING ON ALL FINAL SURFACES
- 20. TEN (10) FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURBS AND GUTTER AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEMS OF WORK SPECIFIED.
- 21. ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE DEPARTMENT.
- 22. SIDEWALK REMOVAL AND P.C.C. SIDEWALK 5" LOCATIONS SHALL BE DETERMINED BY THE ENGINEER.
- 23. TEMPORARY PAVEMENT MARKINGS OR SHORT TERM PAVEMENT MARKINGS ON INTERMEDIATE SURFACES SHALL NOT BE REMOVED, UNLESS DIRECTED BY THE ENGINEER.
- 24. WHERE SECTION OR SUB-SECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER, AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED THEIR LOCATION.
- 25. THE THICKNESS OF THE HMA MIXTURE SHOWN ON THE PLANS IS THE NOMINAL THICKNESS.

 DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR

 DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA MIXTURE IS
 PLACED.
- 26. EXISTING BROKEN FRAMES AND LIDS SHALL BE REMOVED AND DISPOSED OF BY THE CONTRACTOR AND SHALL BE REPLACED AS DIRECTED BY THE ENGINEER. REPLACEMENT FRAMES AND LIDS WILL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS UNLESS A SEPARATE PAY ITEM HAS BEEN PROVIDED.
- 27. OVERNIGHT LANE CLOSURES SHALL NOT BE ALLOWED FOR REHABILITATION PROJECTS INVOLVING DAYTIME MILLING AND RESURFACING OPERATIONS AND CLASS D PATCHING UNLESS OTHER CONDITIONS WARRANT EXTENDED LANE CLOSURES AS DETERMINED AND APPROVED IN WRITING BY THE FINGINFER OR AS PROVIDED FOR IN THE CONTRACT SPECIFICATIONS
- 28. 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

USER NAME = merin.jose	DESIGNED -	REVISED _
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PLOT DATE = 8/14/2025	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES AND INDEX OF SHEETS

KIMBALL AVE. (DIVERSEY AVE. TO WELLINGTON AVE.)

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

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3728	2001-1	42RS		соок	26	
		CONTRACT	NO. 623	321		
		D PROJECT				

TOTAL SHEET

			TYPE	CODE							7	YPE CODE		
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SUMMARY OF QUANTITIES	ROADWAY	DRAINAGE					SUMMARY OF QUANTITIES			ROADWAY	DRAINAGE			
	80% FED	100%								80% FED	100%			
	20% STATE	STATE								20% STATE	STATE			
Code No. Item Unit Total Quantit		0043				Code No.	Item	Unit	Total Quantity	0005	0043			
20200100 EARTH EXCAVATION CU YD 72	72					44201771 CLASS D PATCHES, TYPE I	v, 10 INCH	SQ YD	364	364				
21101615 TOPSOIL FURNISH AND PLACE, 4" SQ YD 380	380					60252800 CATCH BASINS TO BE REC	ONSTRUCTED	EACH	4	4				
25200110 SODDING, SALT TOLERANT SQ YD 380	380					60257900 MANHOLES TO BE RECONS	STRUCTED	EACH	1	1				
25200200 SUPPLEMENTAL WATERING UNIT 3	3					60266600 VALVE BOXES TO BE ADJU	STED	EACH	2	2				
40600290 BITUMINOUS MATERIALS (TACK COAT) POUND 4428	4428					60300305 FRAMES AND LIDS TO BE A	DJUSTED	EACH	7	7				
40600370 LONGITUDINAL JOINT SEALANT FOOT 1384	1384					60404500 FRAMES AND GRATES, TYP	PE 6	EACH	2	2				
40600400 MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS TON 10	10					60406000 FRAMES AND LIDS, TYPE 1	, OPEN LID	EACH	6	6				
40600982 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT SQ YD 87	87					* 66900200 NON-SPECIAL WASTE DISF	OSAL	CU YD	20	20				
40601005 HOT-MIX ASPHALT REPLACEMENT OVER PATCHES TON 224	224					* 66900530 SOIL DISPOSAL ANALYSIS		EACH	1	1				
40603200 POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-4.75, N50 TON 271	271					* 66901001 REGULATED SUBSTANCES	PRE-CONSTRUCTION PLAN	LSUM	1	1				
40604062 HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N70 TON 552	552					* 66901003 REGULATED SUBSTANCES	FINAL CONSTRUCTION REPORT	LSUM	1	1				
404000 80075711/5 0047	404					* 00004000 DEGULATED CUROTANGED	MONITORNIC	041.04						
42101300 PROTECTIVE COAT SQ YD 431	431					* 66901006 REGULATED SUBSTANCES	WONITORING	CAL DA	2	2				
42300400 PORTLAND CEMENT CONCRETE DRIVEWAY PAVEMENT, 8 INCH SQ YD 27	27					67100100 MOBILIZATION		L SUM	1	1				
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42400200 PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH SQ FT 842	842					70102620 TRAFFIC CONTROL AND PR	ROTECTION, STANDARD 701501	L SUM	1	1				
44000158 HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4" SQ YD 6560	6560					70102625 TRAFFIC CONTROL AND PR	ROTECTION, STANDARD 701606	L SUM	1	1				
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44000200 DRIVEWAY PAVEMENT REMOVAL SQ YD 27	27					70102634 TRAFFIC CONTROL AND PR	ROTECTION, STANDARD 701611	L SUM	1	1				
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9 44000600 SIDEWALK REMOVAL SQ FT 842	842					70102635 TRAFFIC CONTROL AND PR	ROTECTION, STANDARD 701701	L SUM	1	1				
14490														
44002215 HOT-MIX ASPHALT REMOVAL OVER PATCHES, 3 3/4" SQ YD 1067	1067					70102640 TRAFFIC CONTROL AND PR	ROTECTION, STANDARD 701801	L SUM	1	1				
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6 44201761 CLASS D PATCHES, TYPE I, 10 INCH SQ YD 66	66					70300100 SHORT TERM PAVEMENT N	IARKING	FOOT	21426	21426				
	370					70300150 SHORT TERM PAVEMENT M	IARKING REMOVAL	SQ FT	1786	1786				
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44201769 CLASS D PATCHES, TYPE III, 10 INCH SQ YD 144	144					70300211 TEMPORARY PAVEMENT M	ARKING LETTERS AND SYMBOLS - PAINT	SQ FT	84	84				
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PLOT DATE = 8/14/2025						s	CALE: SHEET 1 OF 2 SHEETS STA. TO STA				ILLINO	S FED. AID PROJECT	Т	

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	70300221	TEMPORARY PAVEMEN	NT MARKING - LINE 4"- PAINT	FOOT	2544	2544						╛	Z00185	DO DRAINAGE STRUCT	TURES TO BE CLEANED		EACH	22		22				
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	70300241	TEMPORARY PAVEMEN	NT MARKING - LINE 6"- PAINT	FOOT	114	114						$\dashv \vdash$	60406	.00 FRAMES AND LIDS,	TYPE I CLOSED LID		EACH	7	7					-+
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	70200261	TEMPODARY RAVEMEN	ENT MADIZING LINE 42º DAINT	FOOT	112	112						\dashv \vdash												-+
	70300201	TEMPORART PAVEME	NT MARKING - LINE 12"- PAINT	1001	112	112						$\dashv \vdash$												+
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	70300281	TEMPORARY PAVEMEN	NT MARKING - LINE 24"- PAINT	FOOT	1256	1256						4 +												
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	70307120	TEMPORARY PAVEMEN	NT MARKING - LINE 4" - TYPE IV TAPE	FOOT	5356	5356		<u> </u>			-	4												
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	72400100	REMOVE SIGN PANEL	ASSEMBLY - TYPE A	EACH	1	1						$\bot \bot$												
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	72400500	RELOCATE SIGN PANE	ELASSEMBLY - TYPE A	EACH	1	1						$\bot \bot$												
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	78000100	THERMOPLASTIC PAVI	EMENT MARKING - LETTERS AND SYMBOLS	SQ FT	42	42																		
	78000200	THERMOPLASTIC PAVI	EMENT MARKING - LINE 4"	FOOT	1272	1272																		\prod
	78000400	THERMOPLASTIC PAVI	EMENT MARKING - LINE 6"	FOOT	57	57																		ı İ
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	78000600	THERMOPLASTIC PAVI	EMENT MARKING - LINE 12"	FOOT	56	56						7	1											1
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44901	X4400010	PORTLAND CEMENT C	JONORE I E SURFACE REMOVAL Z 114	30,10	23	23						$\dashv \vdash$												
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111078	X5537800	STORM SEWERS TO B	SE CLEANED 12"	FOOT	330		330					4												
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illinois	X6030310	FRAMES AND LIDS TO	BE ADJUSTED (SPECIAL)	EACH	16	16						4												
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merin	X6700407	ENGINEER'S FIELD OF	FICE, TYPE A (D1)	CAL MO	6	6		<u> </u>			-	4												
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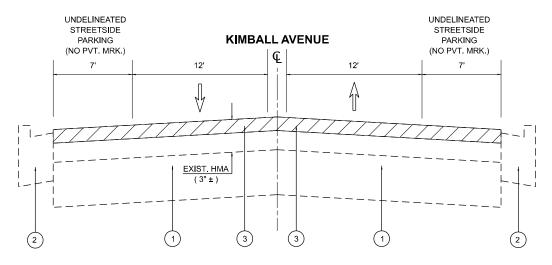
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITY

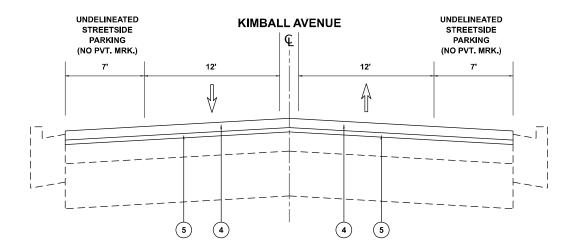
KIMBALL AVENUE DIVERSEY AVENUE TO WELLINGTON AVE.

SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.



EXIST. TYPICAL SECTION

STA. 15+60 TO STA. 29+17



PROP. TYPICAL SECTION

STA, 15+60 TO STA, 29+17

NOTES:

- 1. THE CONTRACTOR SHALL PATCH FIRST THEN MILL THE ROADWAY PER BD-22 DETAIL.
- 2. THE PROPOSED LOGITUDINAL JOINT SEALANT SHALL BE PLACED ON THE POLY. HMA BINDER COURSE, IL-4.75, N50.

LEGEND

- 1) EXISTING P.C.C. PAVEMENT BASE COURSE, ±10"
- 2) EXISTING COMBINATION CURB AND GUTTER
- 3 PROPOSED HMA SURFACE REMOVAL, 2 1/4"
- PROPOSED HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 1 ½"
- 5 PROPOSED POLY. HMA BINDER COURSE, IL-4.75, N50, ¾"

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS @ N DES	QMP
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ROADWAY HMA RESURFACING - STANDARD OVERLAY MIXTURES:

HMA SURFACE COURSE, IL-9.5, MIX "D", N70, 1 ½"	4% AT 70 GYR.	QC/QA
POLY. HMA BINDER COURSE, IL-4.75, N50, ¾"	3.5% AT 50 GYR.	QC/QA

HOT-MIX ASPHALT PATCHING:

CLASS D PATCHES (HMA BINDER IL-19 mm)	4% AT 70 GYR.	QC / QA
HMA REPLACEMENT OVER PATCHES (HMA BINDER IL-19 mm)	4% AT 70 GYR.	QC / QA

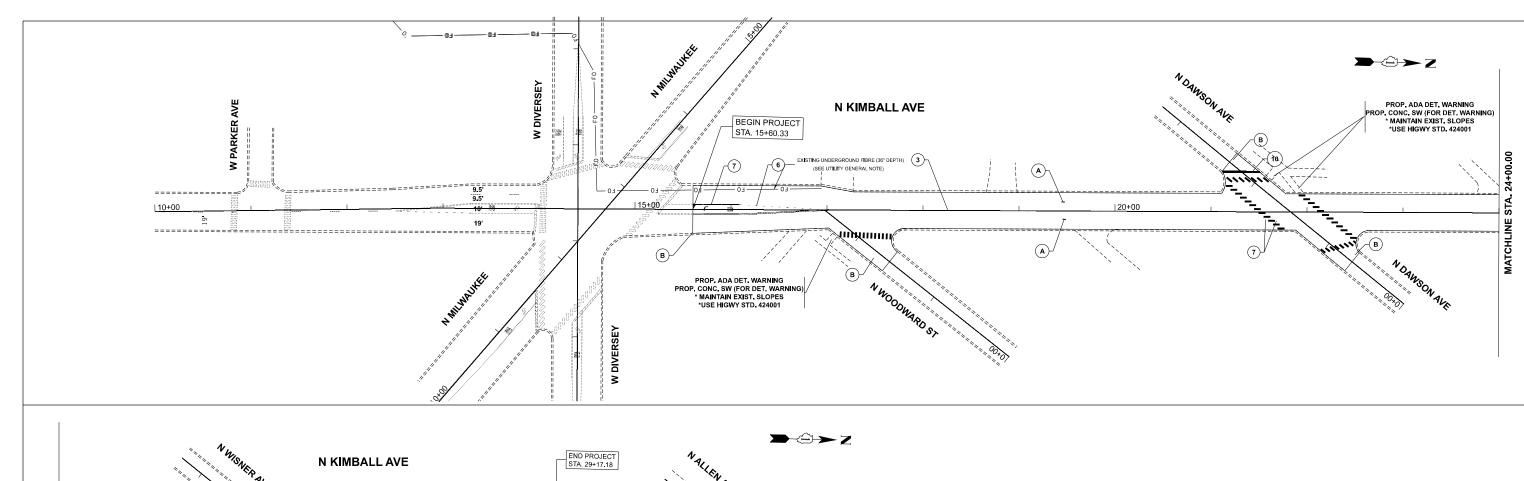
QMP Designation: Quality Control/Quality Assurance (QC/QA); Quality Control for Performance (QCP); Pay for Performance (PFP)

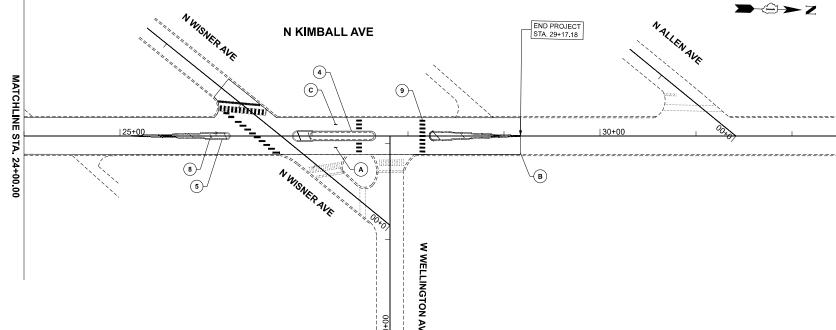
NOTES:

THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/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 "PG 64 -22" UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.

USER NAME = merin.jose								TYPICAL SECTIONS							
	DRAWN -	REVISED -	STATE OF ILLINOIS	V1841				INCTON AVE \	3728	2001-142RS	соок	26			
	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION	KIIVII	SALL AVE.	DIVEKS	EY AVE, TO WELL	INGTON AVE.)			CONTRAC	ΓNO. 623			
PLOT DATE = 7/11/2025	DATE -	REVISED -		SCALE: NONE	SHEET 1	OF 1	SHEETS STA.	TO STA.		ILLINOIS FE	D. AID PROJECT				





PAVEMENT MARKING LEGEND

- 1 PROP. THERMO. PVT. MRK., 8-FT LETTERS AND SYMBOLS (TYP.)
- 2 PROP. THERMO. PVT. MRK.-4" LANE LINE, 6' DASH 18' SKIP, WHITE (TYP.)
- 3 PROP. THERMO. PVT. MRK.-4" CENTERLINE, 6' DASH - 18' SKIP, YELLOW (TYP.)
- 4 PROP. THERMO. PVT. MRK.-4" PCC MEDIAN BORDER, SINGLE SOLID YELLOW (TYP.)
- (5) PROP. THERMO. PVT. MRK.-4" CENTERLINE & PAINTED MEDIAN BORDER, DOUBLE SOLID YELLOW (TYP.)
- 6 PROP. THERMO. PVT. MRK.-6" DOTTED LINE, WHITE, 2' DASH, 6' SKIP (TYP.)
- 7 PROP. THERMO. PVT. MRK.-6" SOLID LINE, WHITE (TYP.)
- (8) PROP. THERMO. PVT. MRK.-12" PAINTED MEDIAN DIAGONAL, SOLID LINE, YELLOW (TYP.)
- 9 PROP. THERMO. PVT. MRK.-24" CROSSWALK BARS, WHITE (TYP.)
- 10 PROP. THERMO. PVT. MRK.-24" STOP LINE, WHITE (TYP.)

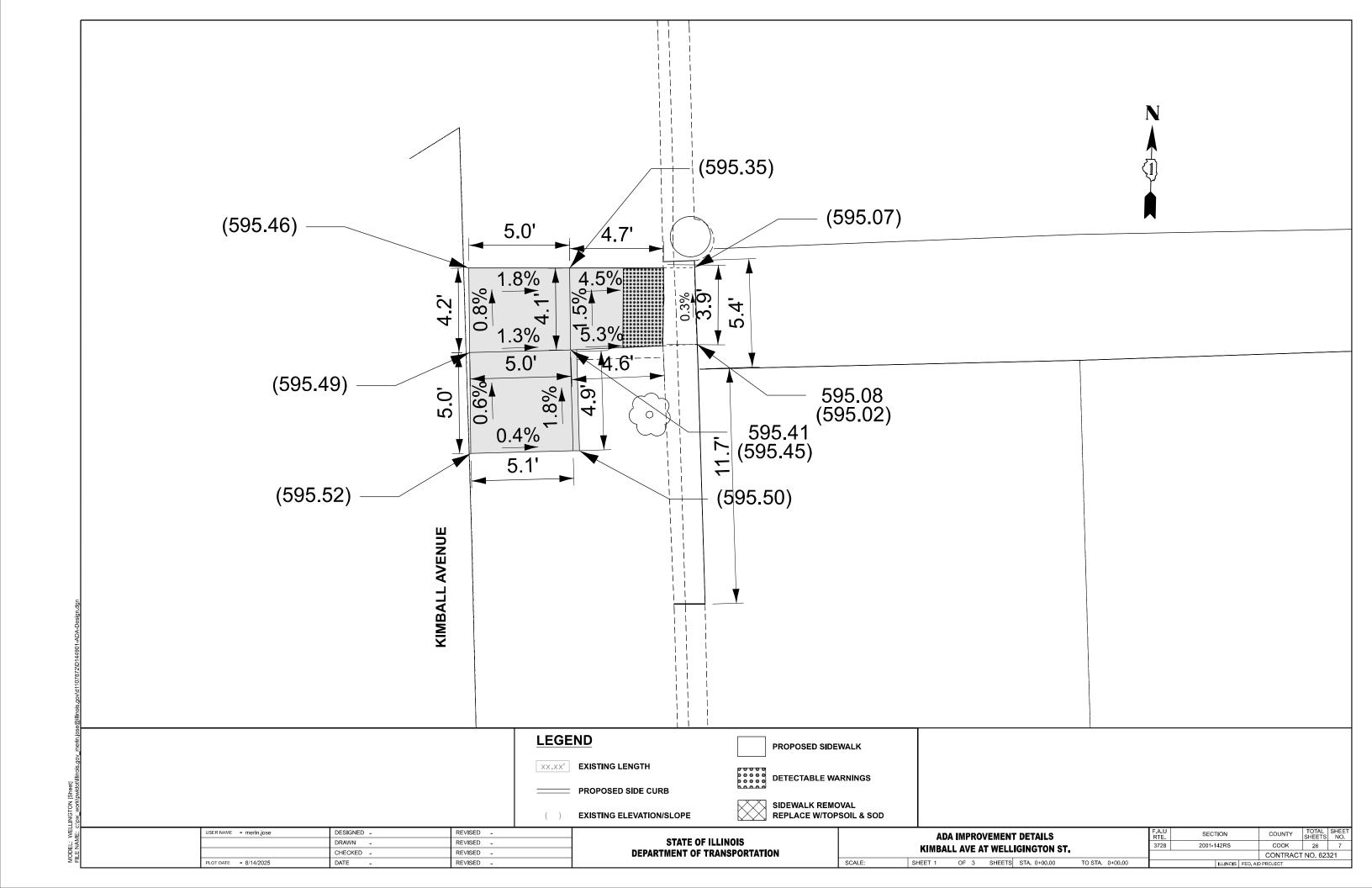
ROADWAY PROPOSED WORK LEGEND

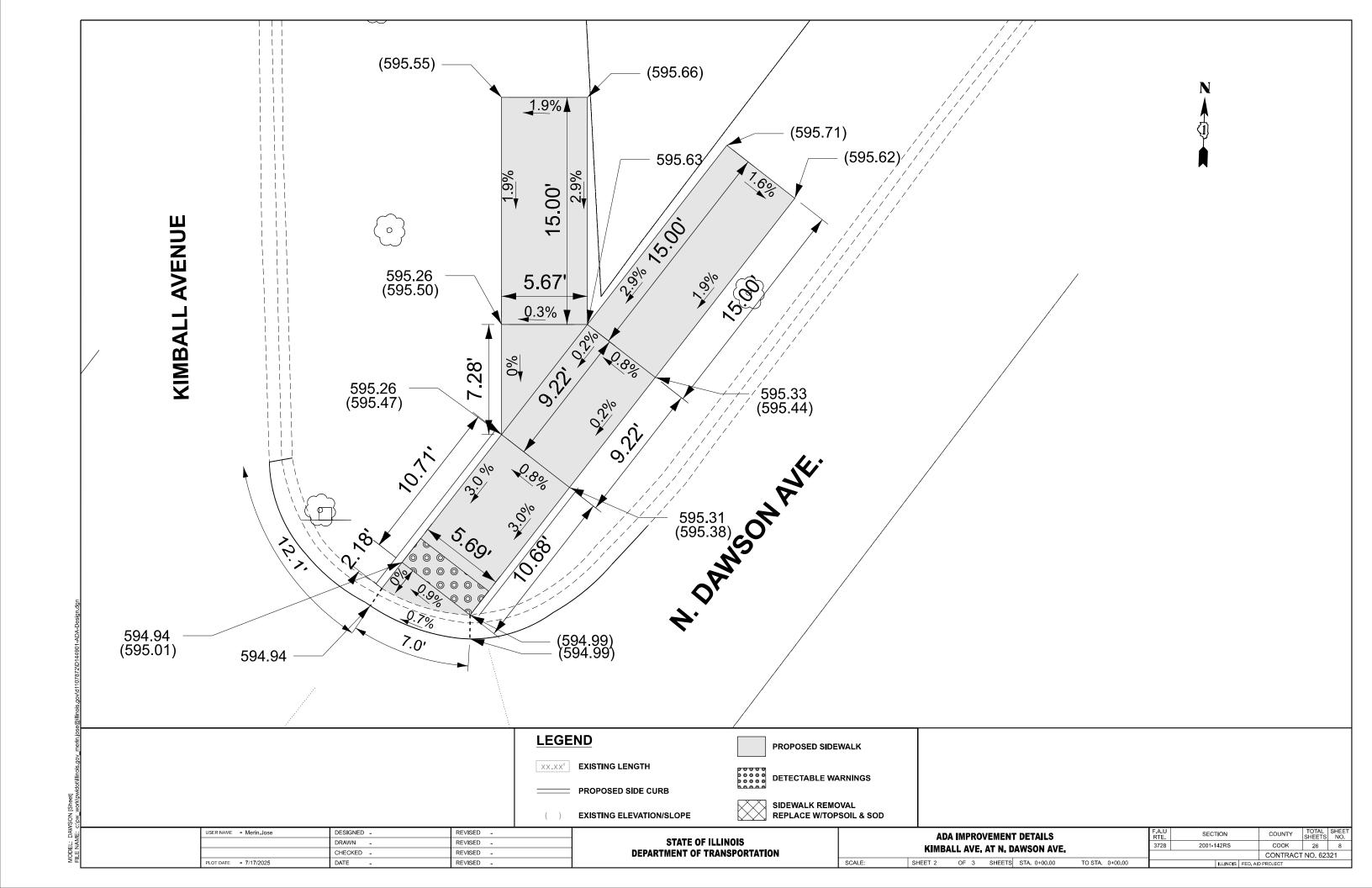
- PROP. HMA SURFACE REMOVAL, 2 ¼"
 PROP. HMA SURFACE CRSE, IL-9.5, MIX "D", N70, 1½"
 PROP. POLY. HMA BINDER CRSE, IL-4.75, N50, ¾"
- B— PROP. HMA SURFACE REMOVAL BUTT JOINT LIMIT OF RESURFACING
- PROP. PCC SURFACE REMOVAL, 2 ½"
 PROP. HMA SURFACE CRSE, IL-9.5, MIX "D", N70, 1½"
 PROP. POLY. HMA BINDER CRSE, IL-4.75, N50, ¾"
- * PROP. PCC SIDEWALK CURB RAMP IMPROVEMENT (SEE DETAIL SHEETS)

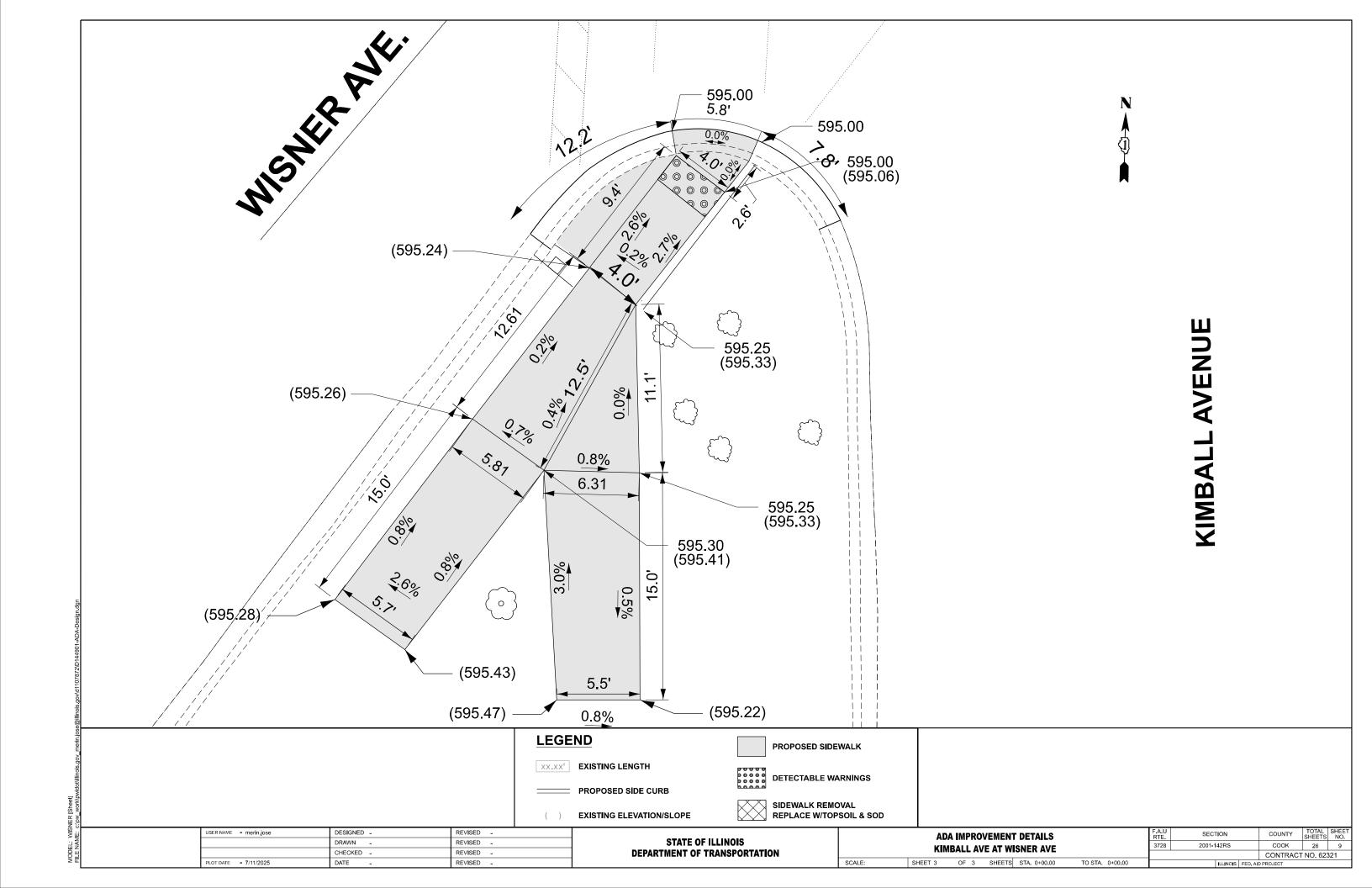
NOTE:

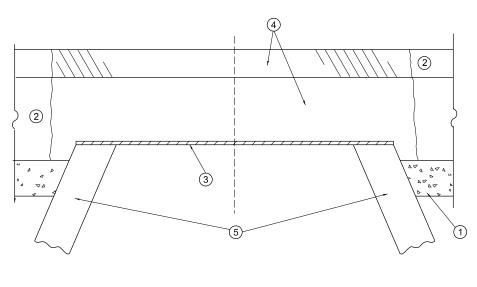
ALL FINAL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH DISTRICT ONE DETAIL TC-24. ANY EXISTING RAISED REFLECTIVE PAVEMENT MARKERS FOUND AND REMOVED SHALL NOT BE REPLACED.

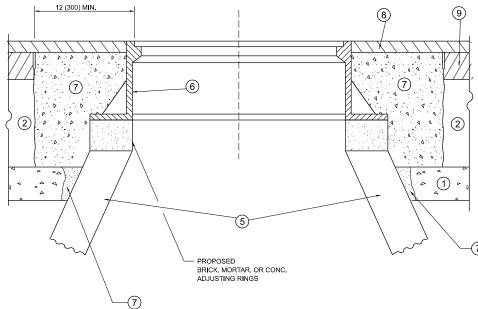
USER NAME = merin.jose	DESIGNED -	REVISED -			ROADWAY PLAN						SECTION	COUNTY	TOTAL	SHEET
	DRAWN -	REVISED -	STATE OF ILLINOIS		3728	2001-142RS	соок	26	6					
	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION		KIMBALL AVE. (DIVERS	ET AVE.	IO WELLING	UN AVE.)			CONTRAC	CT NO. 623	321
PLOT DATE = 8/8/2025	DATE -	REVISED -		SCALE:	SHEET 1	OF 1	SHEETS	STA. 9+00.00	TO STA. 39+00.00		ILLINOIS FED	AID PROJECT		











DETAILS FOR FRAMES AND LIDS ADJUSTMENT WITH MILLING

NOTES

- 1. 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.
- 2. 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.
- 3. CITY OF CHICAGO CASTINGS ARE THE PROPERTY OF THE CITY AND THE CONTRACTOR SHALL NOTIFY THE CITY FOR REMOVAL AND DISPOSITION OF THE CASTINGS.
- 4. 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)

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 HMA SURFACE MIX APPROVED BY THE ENGINEER. (MIN. 3 (80) HMA TO REMAIN AFTER MILLING).

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-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."

<u>LEGEND</u>

- 1 SUB-BASE GRANULAR 6 FRAME AND LID (SEE NOTES)
 MATERIAL
- (2) EXISTING PAVEMENT (7) CLASS PP-2* CONCRETE
- 3 36 (900) DIAMETER METAL PLATE

(5) EXISTING STRUCTURE

- 8 PROPOSED HMA SURFACE COURSE
- 4 PROPOSED CRUSHED STONE AND HMA SURFACE MIX
- 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

- 1. 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.
- 3. NEW FRAMES AND LIDS, WHEN SPECIFIED, WILL BE PAID FOR SEPARATELY.
- 4. 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

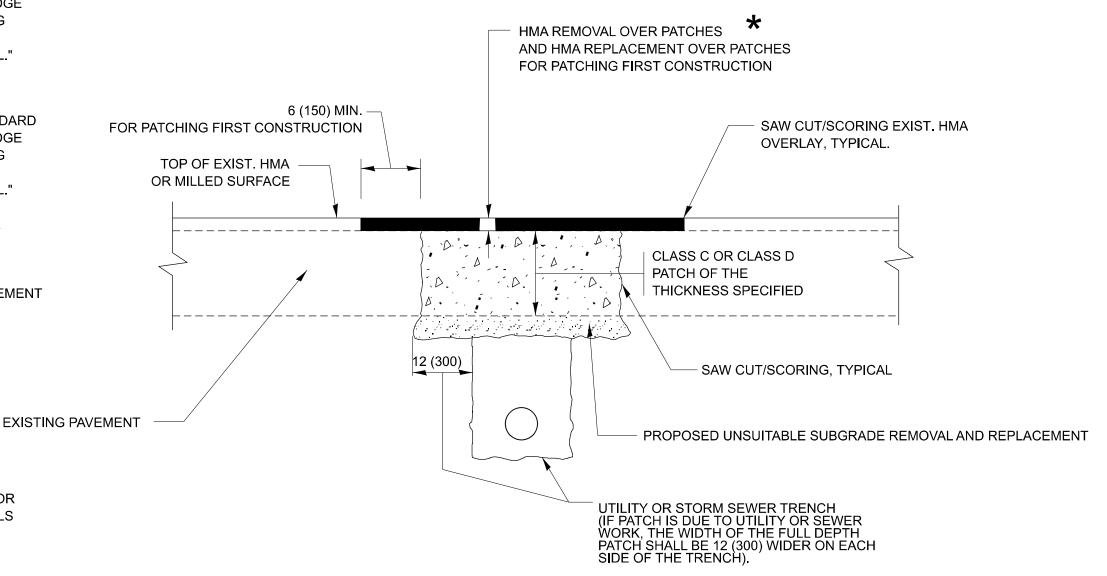
JSER NAME = Merin.Jose DESIGNED - R. SHAH REVISED - R. BORO 03-09-11 COUNTY **DETAILS FOR** STATE OF ILLINOIS DRAWN REVISED - R. BORO 12-06-11 3728 2001-142RS COOK 26 FRAMES AND LIDS ADJUSTMENT WITH MILLING HECKED -REVISED - K. SMITH 11-18-22 **DEPARTMENT OF TRANSPORTATION** BD600-03 (BD-08) CONTRACT NO. 62321 SCALE: NONE SHEET 1 OF 1 SHEETS STA. PLOT DATE = 7/17/2025 REVISED - K. SMITH 09-15-23 DATE 10-25-94

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."
- 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 PAVEMENT PATCHING.



SEQUENCE OF CONSTRUCTION (PATCHING FIRST)

1. REMOVE THE EXISTING HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEE TYPICAL SECTIONS FOR

THICKNESS AND MATERIALS

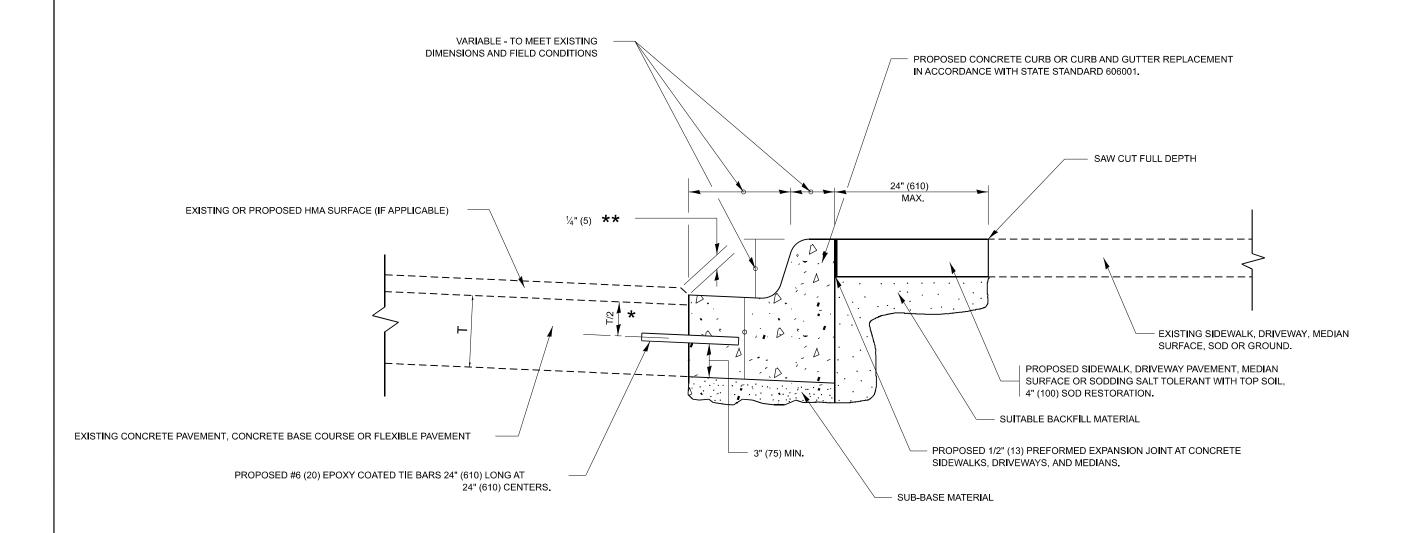
- 2. REMOVE AND REPLACE WITH CLASS C OR D PATCH.
- 3. REPLACE HMA MATERIAL OVER THE AREA TO BE PATCHED.

SEQUENCE OF CONSTRUCTION (MILLING FIRST)

- 1. MILL HMA FIRST IF THERE IS AT LEAST 4 ½ 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.

USER NAME = merin.jose	DESIGNED - R. SHAH	REVISED - R. BORO 01-01-07		PAVEMENT PATCHING FOR	F.A.U RTF	SECTION	COUNTY	TOTAL S	HEET
	DRAWN -	REVISED - R. BORO 09-04-07	STATE OF ILLINOIS		3728	2001-142RS	соок	26	11
	CHECKED -	REVISED - K. ENG 10-27-08	DEPARTMENT OF TRANSPORTATION	HMA SURFACED PAVEMENT	В	3D400-04 (BD-22)	CONTRAC	T NO. 6232	.1
PLOT DATE = 7/11/2025	DATE - 10-25-94	REVISED - K, SMITH 11-18-22		SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.		ILLINOIS FED	AID PROJECT		-

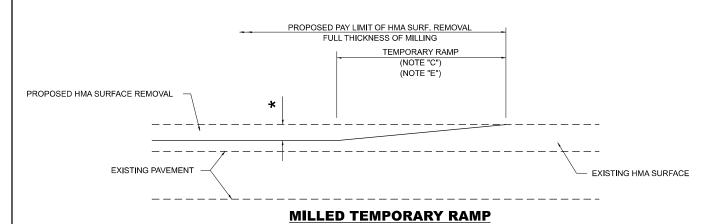


- ★ 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
- ** IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

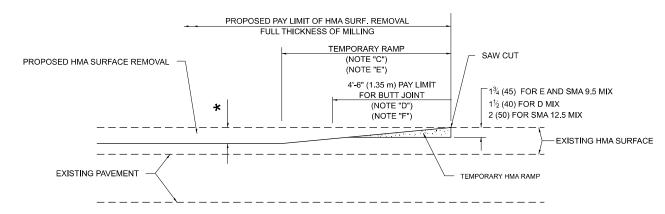
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)
UNLESS OTHERWISE SHOWN.

USER NAME = Merin.Jose	DESIGNED - A. HOUSEH	REVISED - A. ABBAS 03-21-97			CURI	OR C	URB AN	D GUTTER		F.A.U RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED - M. GOMEZ 01-22-01	STATE OF ILLINOIS					LACEMENT		3728	2001-142RS	COOK	26	12
	CHECKED -	REVISED - R. BORO 12-15-09	DEPARTMENT OF TRANSPORTATION		KEIVIC	VAL A	ND KEP	LACEMENI			BD600-06 (BD-24)	CONTRAC	T NO. 623	321
PLOT DATE = 7/17/2025	DATE - 03-11-94	REVISED - K. SMITH 07-11-19		SCALE: NONE	SHEET 1	OF 1	SHEETS	STA.	TO STA.		ILLINOIS FED. AI	D PROJECT		-



(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

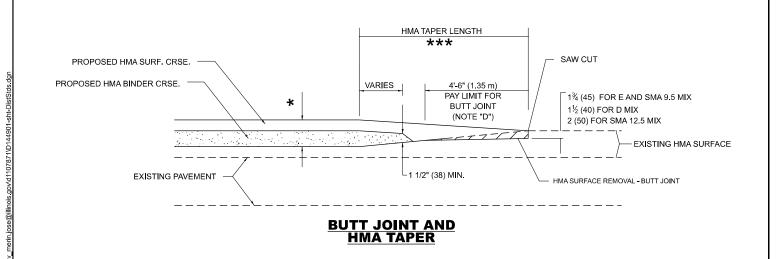
OPTION 1



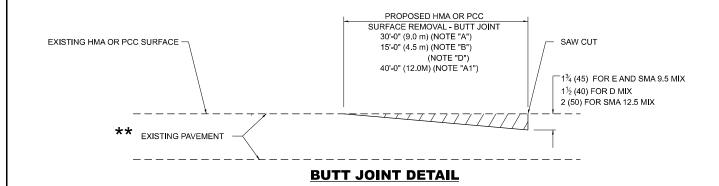
HMA CONSTRUCTED TEMPORARY RAMP

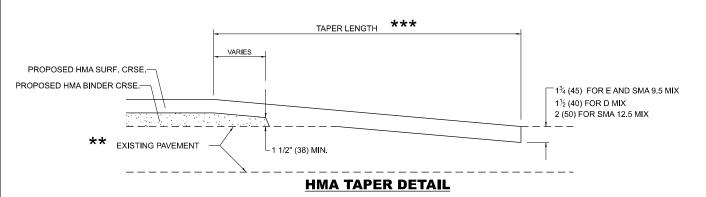
(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 2 TYPICAL TEMPORARY RAMP



TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING





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")

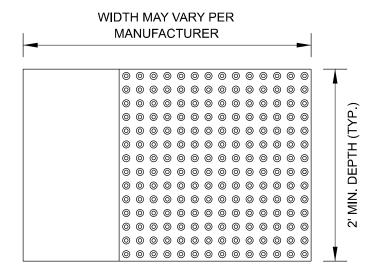
BASIS OF PAYMENT

- 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.

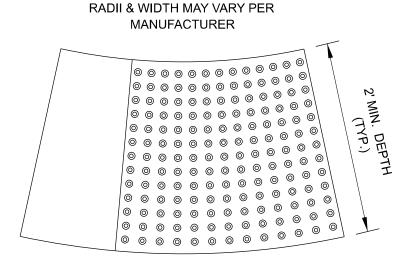
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

USER NAME = Merin.Jose DESIGNED - M. DE YONG COUNTY **BUTT JOINT AND STATE OF ILLINOIS** REVISED -DRAWN M. GOMEZ 04-06-01 2001-142RS COOK **HMA TAPER DETAILS** CHECKED -**DEPARTMENT OF TRANSPORTATION** BD400-05 BD-32 CONTRACT NO. 62321 SHEET 1 OF 1 SHEETS STA. PLOT DATE = 7/17/2025 DATE REVISED - K. SMITH 11-18-22 TO STA.

STRAIGHT DETECTABLE WARNING UNITS



RADIAL DETECTABLE WARNING UNITS

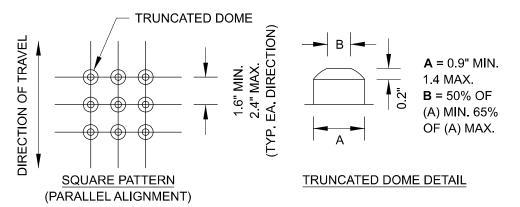


DETECTABLE WARNING UNIT SIZES

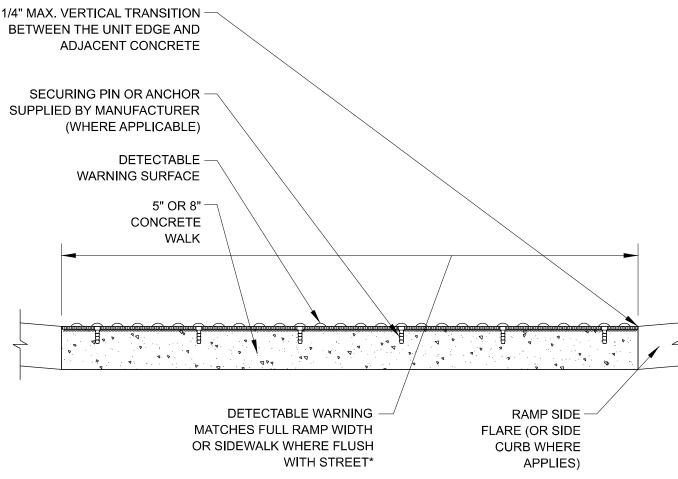
- VERIFY ALL DIMENSIONS WITH THE PRODUCT MANUFACTURER.
- IF USING RADIAL UNITS, VERIFY THAT THE CURB RADIUS MATCHES AVAILABLE UNIT RADII WITH THE PRODUCT MANUFACTURER.

GENERAL NOTE:

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



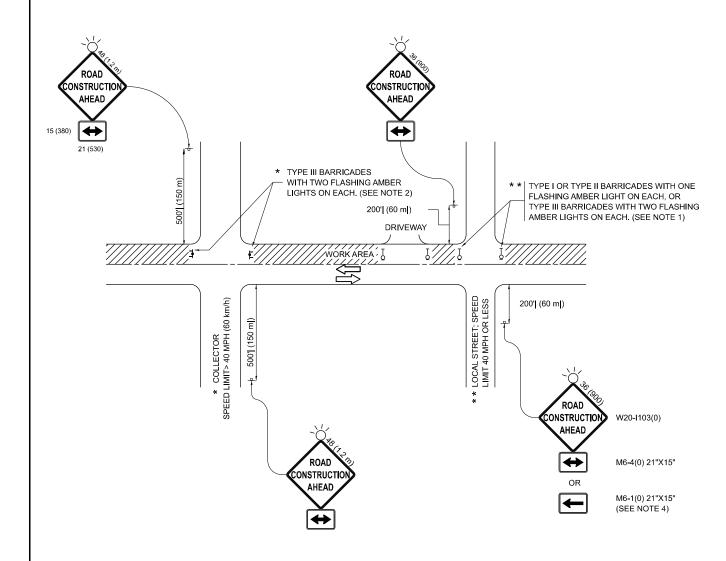
UNIT PATTERN & DOME DETAIL



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

DETECTABLE WARNING UNIT SECTION

USER NAME = Merin.Jose	DESIGNED -	REVISED -			CITY OF CHICAGO		F.A.U RTE	SECTION	COUNTY	TOTAL	SHEET					
	DRAWN -	REVISED -	STATE OF ILLINOIS							3728	2001-142RS	соок	26	14		
	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION			DET	EUIA	ADLE	WAKNIN	163			BD 58	CONTRA	CT NO. 623	321
PLOT DATE = 7/17/2025	DATE - 06-20-2017	REVISED -		SCALE: NONE	SHEET 1		OF 1	SHE	ETS STA.	T	O STA.		ILLINOIS FE	D. AID PROJECT		



NOTES:

- 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 ROLLTE
- THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
- 3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710)
- WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

SCALE:

- 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.
- 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
 = Merin.Jose
 DESIGNED
 - L.H.A.
 REVISED
 - T. RAMMACHER 01-06-00

 DRAWN
 REVISED
 - A. SCHUETZE 07-01-13

 CHECKED
 REVISED
 - A. SCHUETZE 09-15-06

 PLOT DATE
 = 7/17/2025
 DATE
 - 06-89
 REVISED
 - D. SENDERAK 05-03-24

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SHEET OF SHEETS STA. TO STA.

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

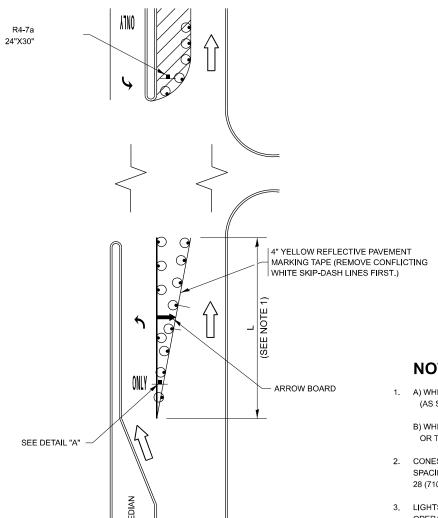


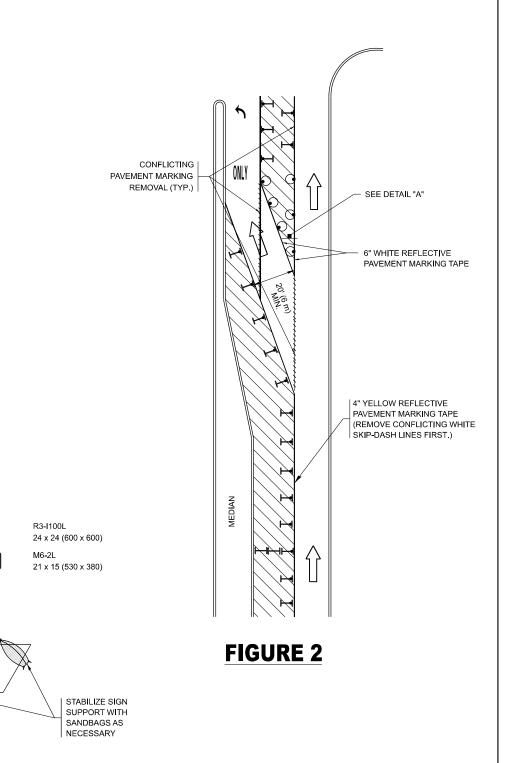
FIGURE 1

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.
- 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.
- 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.
- 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.
- THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
- THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH PREQUIREMENTS.
- 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

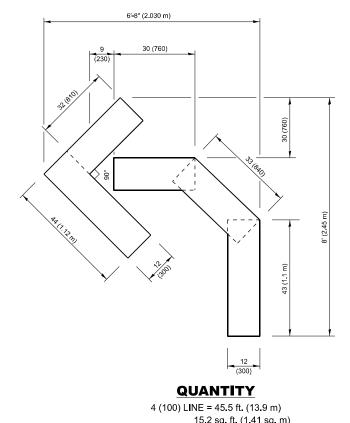
All dimensions are in inches (millimeters) unless otherwise shown.

USER NAME = Menn.Jose	DESIGNED	-	1. RAMMACHER 09-08-94	REVISED	- R. BORO 09-14-09
	DRAWN	-	A. HOUSEH 11-07-95	REVISED	- A. SCHUETZE 07-01-13
	CHECKED	-	A. HOUSEH 10-12-96	REVISED	- A. SCHUETZE 09-15-16
PLOT DATE = 7/17/2025	DATE	-	T. RAMMACHER 01-06-00	REVISED	-

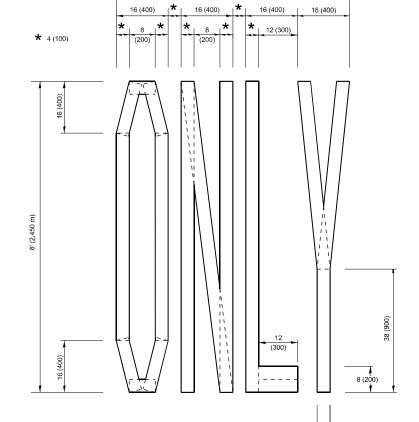
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFF				CTION A	T TURN BAYS	-	F. R
SCALE: NONE	SHEET 1	OF 1	SHEETS	STA.	TO STA.		

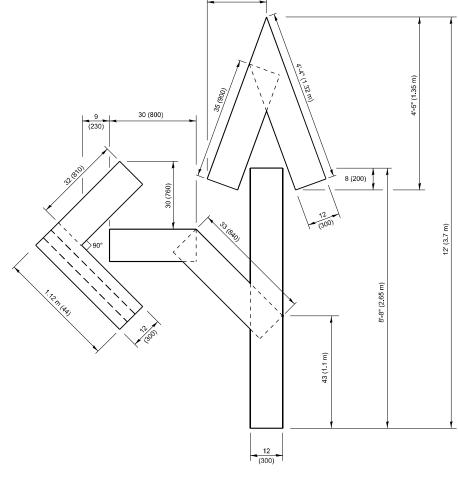
!\pw_work\pwidot\illinois.gov_merin.jose@illinois.gov\d1107871\D144



15.2 sq. ft. (1.41 sq. m)



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

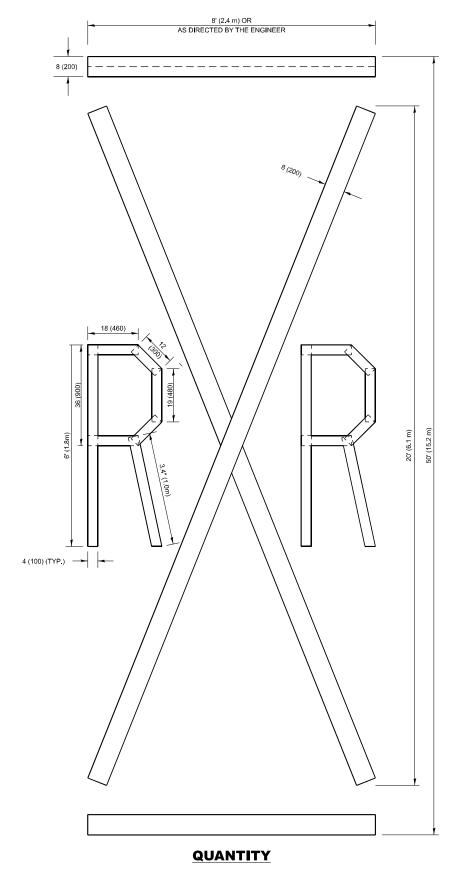


QUANTITY

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.

> > COOK 26 17

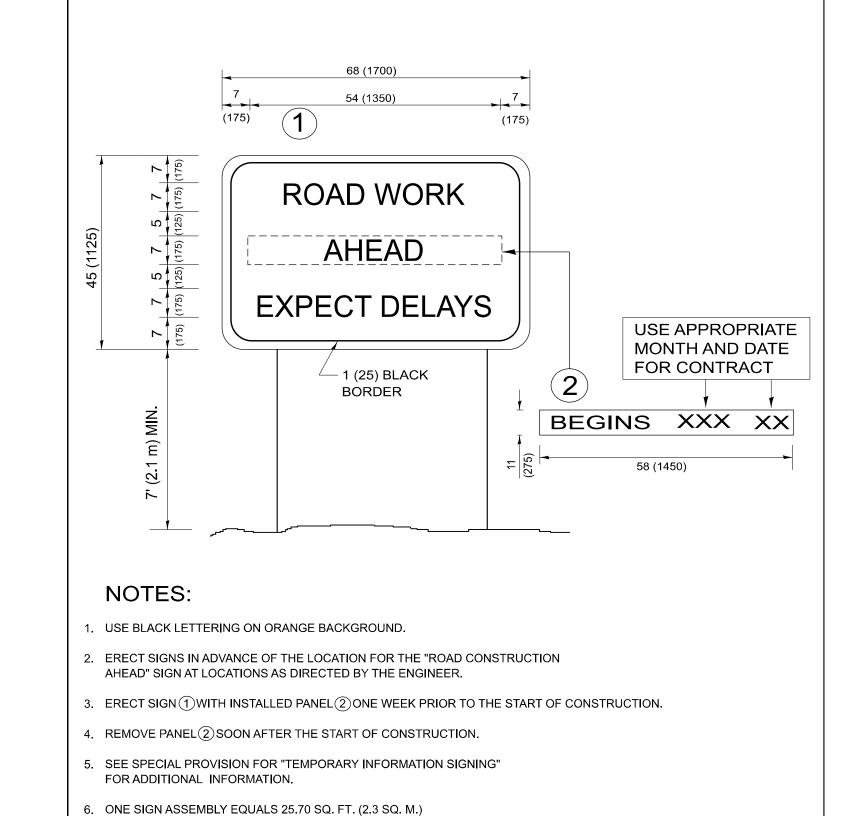
CONTRACT NO. 62321

USER NAME = Merin.Jose	DESIGNED -	REVISED	- T. RAMMACHER 03-02-98
	DRAWN -	REVISED	- E. GOMEZ 08-28-00
	CHECKED -	REVISED	- E. GOMEZ 08-28-00
PLOT DATE = 7/17/2025	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 TE	RM PAVE	MENT M	ARKING	LET	TERS AND SYMBOLS	F.A.U RTE.	SECT	TION	
	3728	2001-1	42RS						
							TC-16	5	
SCALE: NONE	SHEET 1	OF 1	SHEETS	STA.	TO STA.			ILLINOIS	FED. A



SER NAME = Merin.Jose DESIGNED -REVISED - R. MIRS 09-15-97 DRAWN REVISED - R. MIRS 12-11-97 CHECKED -REVISED - T. RAMMACHER 02-02-99 PLOT DATE = 7/17/2025 REVISED - C. JUCIUS 01-31-07 DATE

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

ARTERIAL ROAD INFORMATION SIGN SHEET 1 OF 1 SHEETS STA.

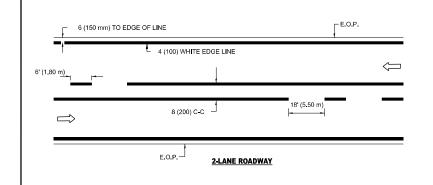
TO STA.

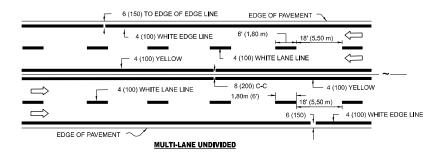
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

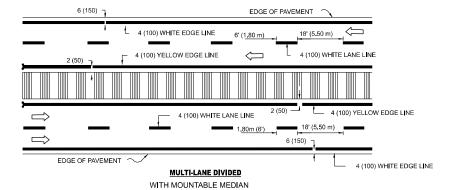
SCALE: NONE

2001-142RS COOK 3728 26 18 TC-22 CONTRACT NO. 62321

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

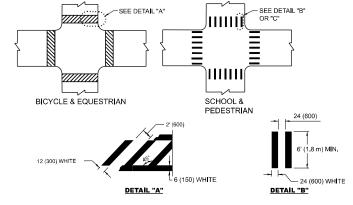




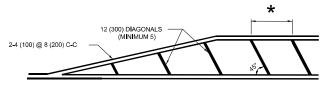


TYPICAL LANE AND EDGE LINE MARKING

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

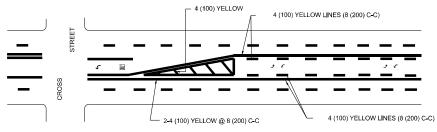




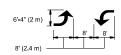


- * FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.
- * DIAGONAL LINE SPACING: 20' (6.1 m) C-C

PAINTED MEDIANS

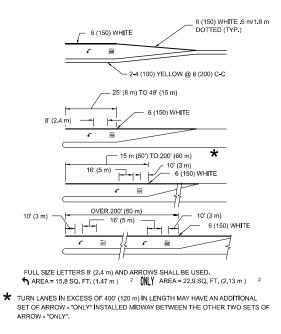


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



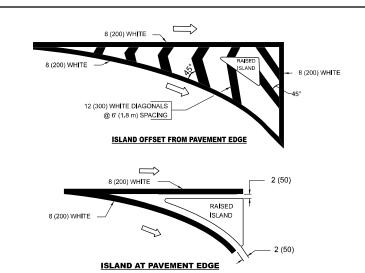
MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING



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 CROSSWAIK, 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 SQ. FT. (0.33m) EACH "X"=54.0 SQ. FT. (5.0 m) 2

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

SCALE: NONE

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

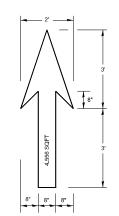
USER NAME = Merin.Jose	DESIGNED -	REVISED	- T. RAMMACHER 12-07-00
	DRAWN -	REVISED	- K. ENG 02-28-12
	CHECKED -	REVISED	-
PLOT DATE = 7/17/2025	DATE -	REVISED	-

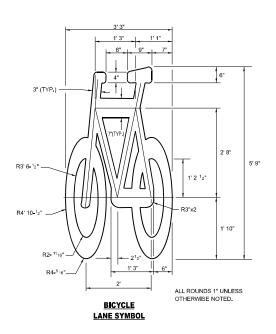
DETAIL "C"

CENTRAL DOWNTOWN
BUSINESS DISTRICT

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

	CITY (OF CHIC	AGO		F.A.U RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEE NO.
TVDIC	AI DAV	EMENT	MARKI	NGS	3728	2001-142RS		COOK	26	19
	A- IAV		IVI/AIXIXII	1100		TC-24		CONTRACT	NO. 623	321
SHEET 1	OF 3	SHEETS	STA.	TO STA.		ILLINOIS	FED. AII	PROJECT		

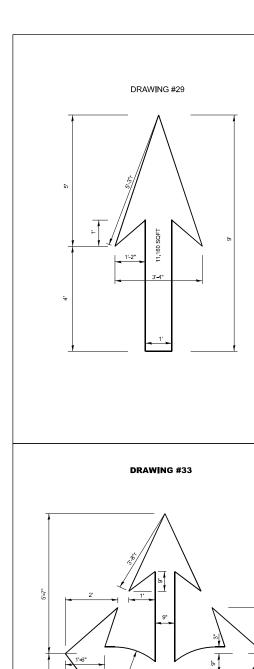


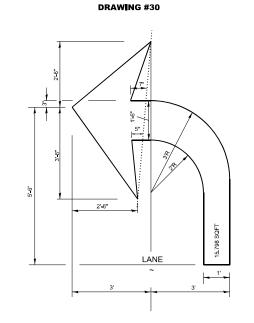


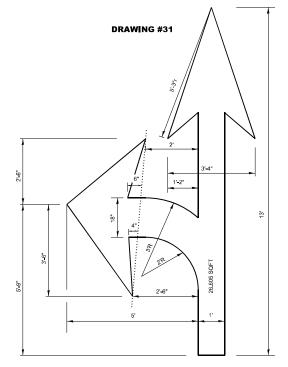
NOTE:

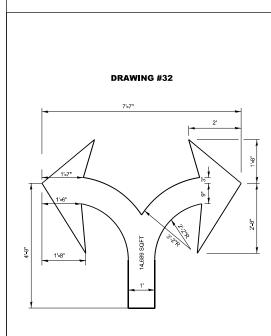
- 1. FOR BIKE LANE SYMBOLS ONLY, USE PRE-FORMED THERMOPLASTIC WITH A MINIMUM THICKNESS OF 90 MILS, MINIMUM SKID RESISTANCE VALUE OF 60 BPN, & A MINIMUM INDEX OF REFRACTION OF 1.50.
- 2. THE RESIDENT ENGINEER SHALL CONTACT MR. BEN GOMBERG AT 312-744-8093 AT LEAST ONE CALENDAR WEEK PRIOR TO INSTALLING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

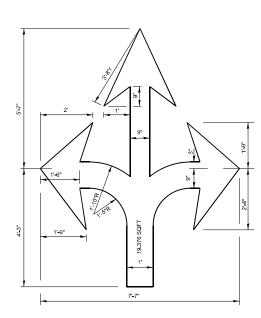
TYPICAL BIKE LANE SYMBOLS

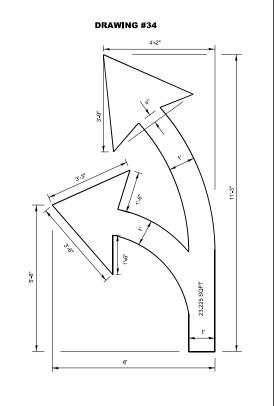


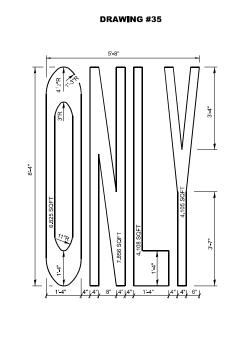












NOTE:

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

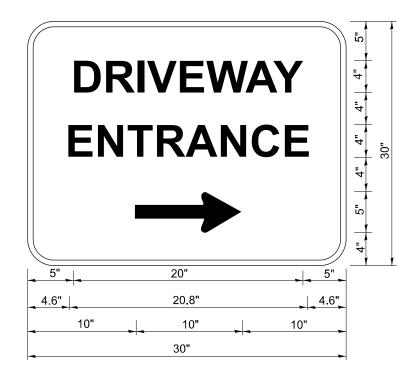
1	rr	AL	DII	\ E	LAN		3	r IVI I	БО	LO	
			DF	RAW	ING #2	8					

USER NAME = Merin.Jose	DESIGNED -	REVISED _ T. RAMMACHER 12-07-00
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 7/17/2025	DATE -	REVISED -

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

	TYPIC		F CHIC	AGO MARKIN	GS
SCALE: NONE	SHEET 2	OF 3	SHEETS	STA.	TO STA.

F.A.U RTE.	SECT	TION	COUNTY	TOTAL SHEETS	SHEET NO.	
3728	2001-1	COOK	26	20		
	TC-24		CONTRACT NO. 62321			
		ILLINOIS	FED. AII	PROJECT		



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

NOTES:

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

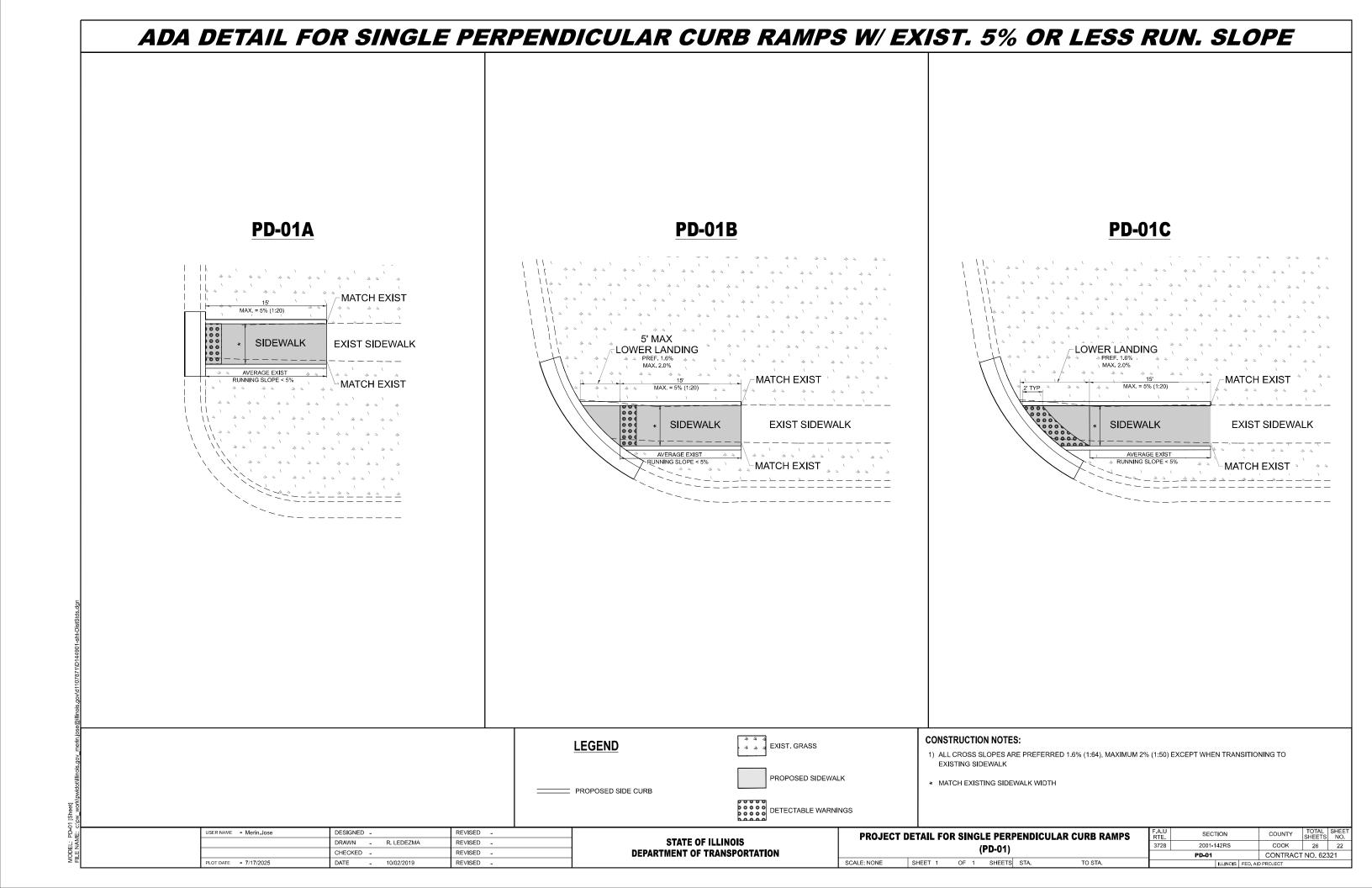
USER NAME = Merin.Jose	DESIGNED -	REVISED	-	C. JUCIUS 02-15-07
	DRAWN -	REVISED	-	
	CHECKED -	REVISED	-	
PLOT DATE = 7/17/2025	DATE -	REVISED	-	

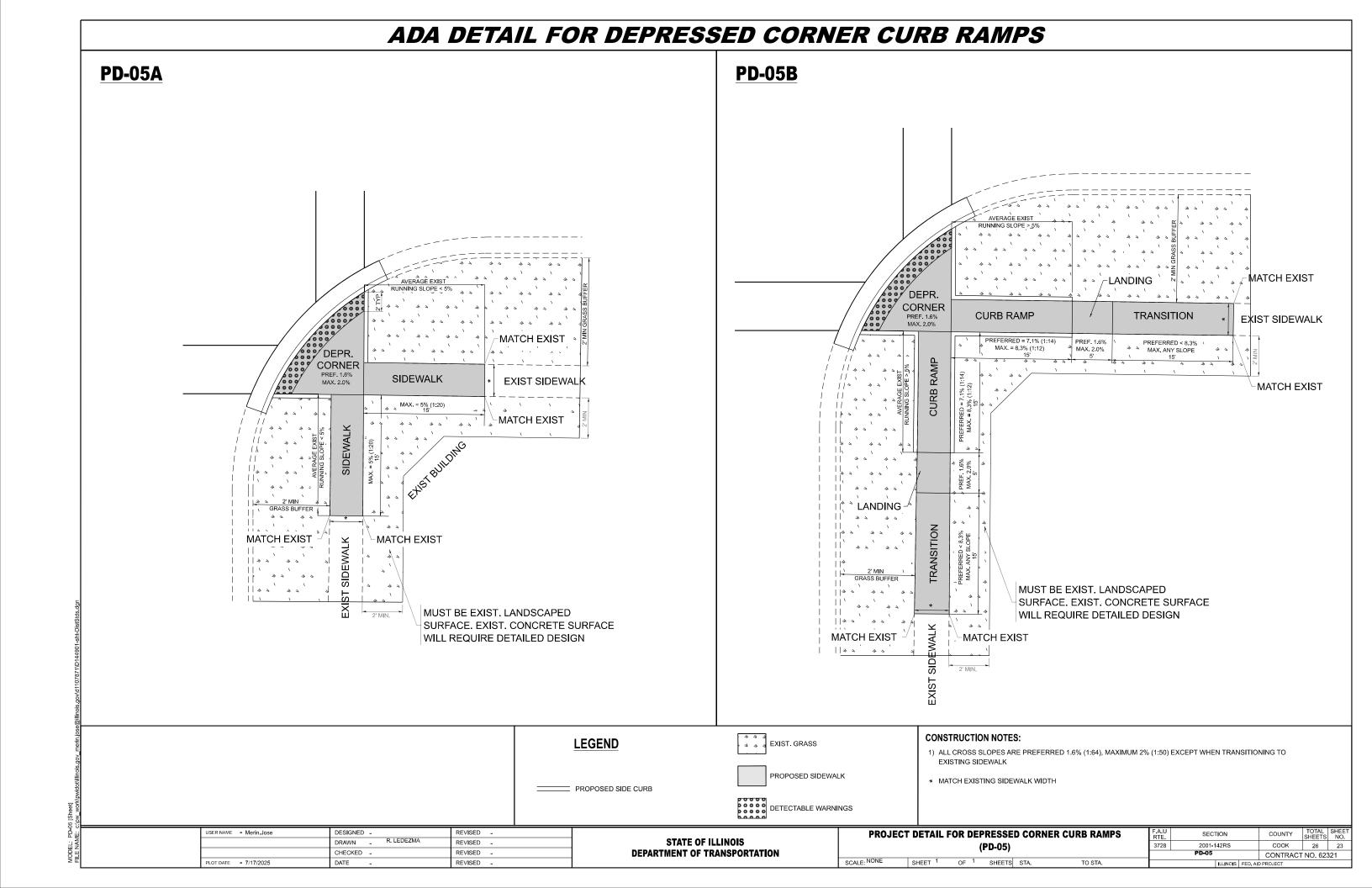
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

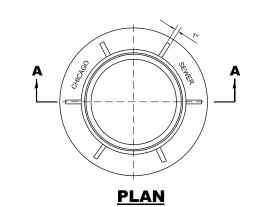
SCALE: NONE

| FA.U | SECTION | COUNTY | TOTAL | SHEET | SECTION | SHEET | STA. TO STA. | SHEET | S

work\pwidot\illinois.gov_merin.jose@illinois.gov\d1107871\D144901-sht-DistStds





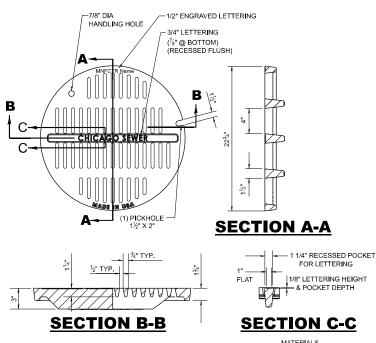


3'-0" DIA

NOTE: METAL PLATES MUST BE FURNISHED FOR PERFORATED LIDS ON MANHOLES.

SECTION A-A

HEAVYWEIGHT MANHOLE FRAME



STANDARD CB / MH LID

NOT TO BE USED WITHOUT

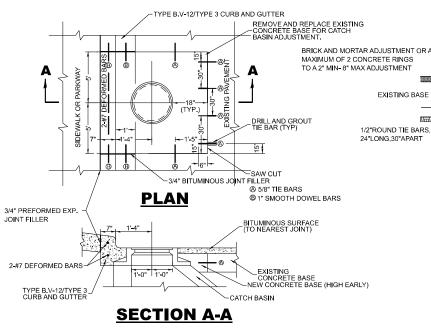
PRIOR APPROVAL OF CDWM

MATERIALS GRATE-GRAY IRON ASTM A48 CL35B

HEAVY DUTY COATING

OPEN AREA 85.6 SQ. IN.

DESIGN LOAD



IF THE ADJUSTMENT EXCEEDS AN 8" HEIGHT, THE CONE MUST BE REMOVED AND THE BARREL SECTION MUST BE ADJUSTED.

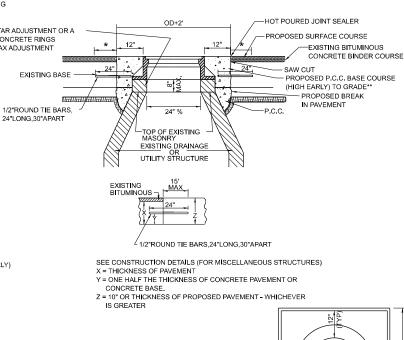
THE CONTRACTOR IS REQUIRED TO REPLACE ANY BROKEN FRAMES AND LIDS OF SEWER STRUCTURES WITH STANDARD FRAMES AND LIDS OF THE DWM. IN ADJUSTMENT OR RECONSTRUCTION OF SEWER STRUCTURES, ANY NON-STANDARD FRAMES AND LIDS MUST BE REPLACED WITH STANDARD FRAMES AND LIDS. IN ADJUSTMENT OR RECONSTRUCTION OF INLETS, ANY NON-STANDARD INLETS (GUTTER BOXES) MUST BE REPLACED WITH DWM STANDARD INLETS

THE FRAMES AND LIDS OF SEWER STRUCTURES TO BE ABANDONED, REMOVED, OR FILLED MUST BE SALVAGED AND THE DWM NOTIFIED FOR PICK UP.

MANHOLES, CATCH BASINS AND INLETS MUST BE PROTECTED FROM THE ENTRY OF ASPHALT/DEBRIS INTO THE SEWER SYSTEM DURING CONSTRUCTION. THE CONTRACTOR MUST MARK LOCATIONS OF ALL SEWER STRUCTURES ON THE SIDEWALK BEFORE STARTING PAVEMENT REMOVAL/REPLACEMENT. ADJUSTMENT OF FRAMES AND LIDS OF SEWER STRUCTURES MUST BE COMPLETED

SCALE: NONE

SOLID LID FOR MANHOLES

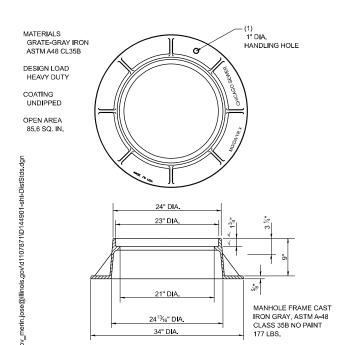


* REFER TO CDOT FOR ASPHAULT RESTORATION EWQUIRE MENRS & CRACK SEAL.

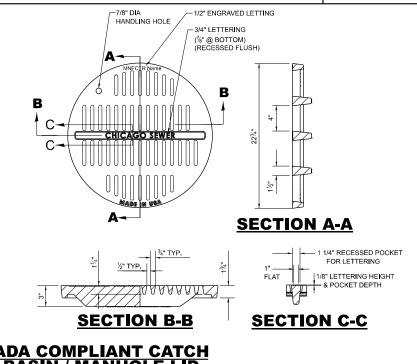
PCC BASE COURSE MAY BE UTILIZED. ON STREETS, PAVEMENT RESTORATION SHALL ADORE TO CDOT REQUIREDMWNTS.

PLAN VIEW (BASE TO GRADE)

DETAIL OF FRAME ADJUSTMENT







ADA COMPLIANT CATCH BASIN / MANHOLE LID

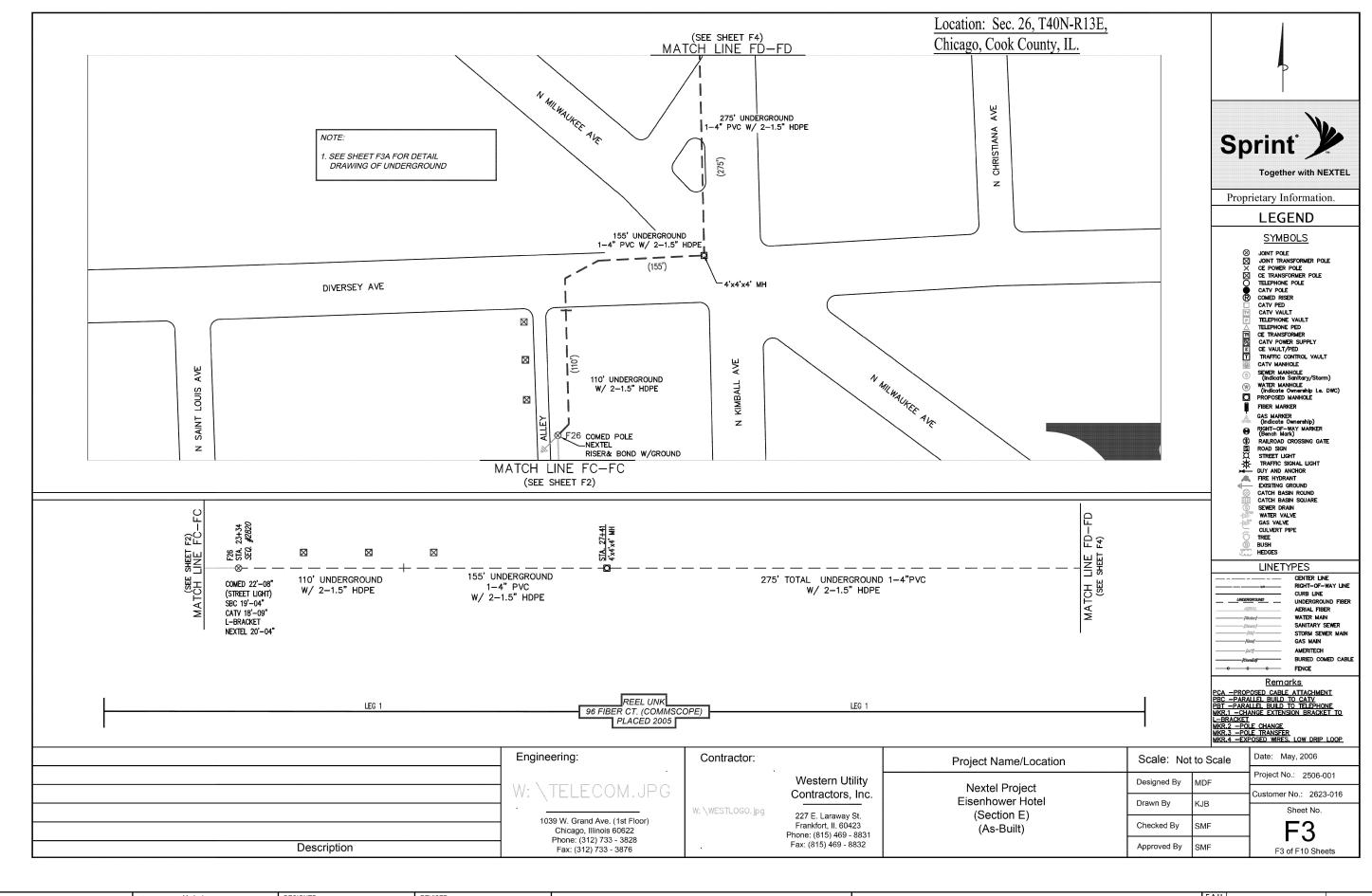
SEWER SEWER
<u>PLAN</u>
1½6" 1½6" 1½6" 1½6" 1½6" 1½6" 1½6" 1½6"

SECTION

JSER NAME = Merin.Jose DESIGNED -M. GOMEZ REVISED K. SMITH 02-01-22 DRAWN REVISED CHECKED -REVISED PLOT DATE = 7/17/2025 DATE REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

CITY OF CHICAGO MANHOLE LIDS AND FRAMES					F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
					3728	2001-142RS	соок	26	24			
						BD600-13 (BD-47)	CONTRACT NO. 62321					
	SHEET	1	OF	1	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT				



MODEL: Utility [Sheet]

 USER NAME
 = Merin.Jose
 DESIGNED
 REVISED

 DRAWN
 REVISED

 CHECKED
 REVISED

 PLOT DATE
 = 7/17/2025
 DATE
 REVISED

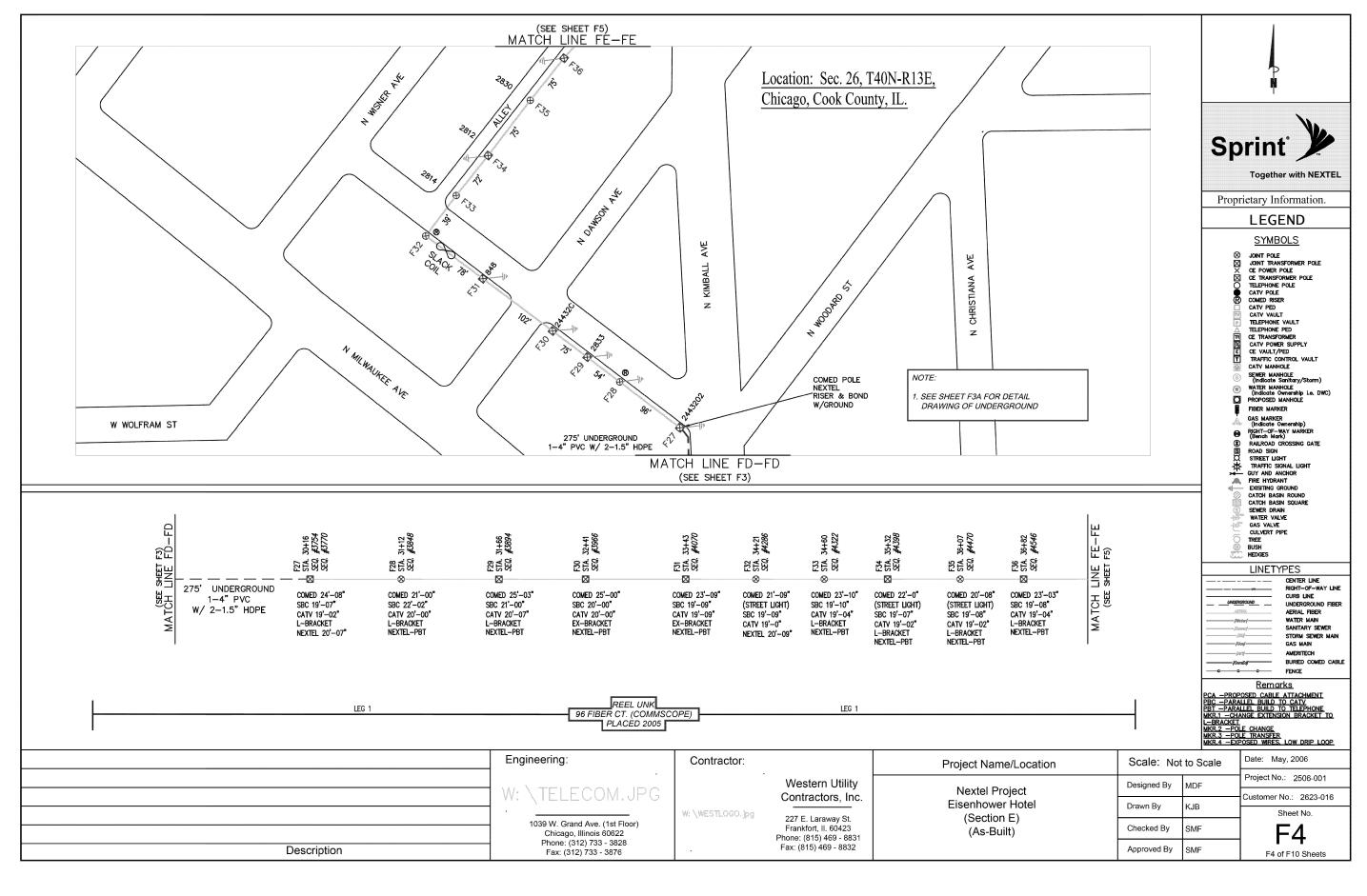
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE:

 UTILITY MARKUP PLAN
 F.A.U RTE.
 SECTION

 3728
 2001-142RS

 SHEET 16
 OF 26
 SHEETS STA.
 TO STA.
 ILLINOIS



STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SCALE:

UTILITY MARKUP PLAN

F.A. U
RTE.
3728

SHEET 17 OF 26 SHEETS STA. TO STA.