09-20-2024 LETTING ITEM 022

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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PROPOSED

HIGHWAY PLANS

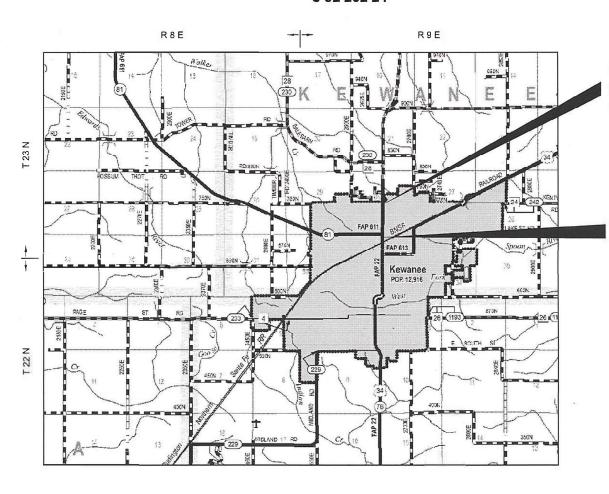
ILLINOIS CONTRACT NO. 64U01

D-92-082-25

ROUTE FAP 22 SECTION D2 PP 2025-01 SKIP PATCHING

HENRY COUNTY

C-92-202-24



PROJECT ENDS STA. 390+00 10TH ST.

PROJECT BEGINS STA. 365+00 N. SIDE OF BNSF RR

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION SUBMITTED July 3

LOCATION OF SECTION INDICATED THUS:

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

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 OR 811

> GROSS LENGTH = 5000 FT. = .95 MILES NET LENGTH = 2500 FT, = .47 MILES

CONTRACT NO. 64U01

INDEX OF SHEETS

- 1 COVER SHEET
 2 INDEX OF SHEETS, STANDARDS, GENERAL NOTES
 3 SUMMARY OF QUANTITIES
- 4 SCHEDULE OF QUANTITIES
- 5-9 D2 STANDARDS

HIGHWAY STANDARDS

42000	1-10	PAVEMENT JOINTS
42070	1-03	PAVEMENT WELDED WIRE REINFORCEMENT
44210	1-09	CLASS B PATCHES
70150	1-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
70150	2-09	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
70190	1-09	TRAFFIC CONTROL DEVICES
78000	1-05	TYPICAL PAVEMENT MARKINGS

DISTRICT STANDARDS

41.1 TYPICAL PAVEMENT MARKINGS79.4b INLET SPECIAL, NO. 5

GENERAL NOTES

THE CONTRACTOR SHALL NOTIFY TRAFFIC OPERATIONS A MINIMUM OF 5 DAYS PRIOR TO PLACING PERMANENT PAVEMENT MARKINGS.

WHEN LAYING OUT FOR PATCHING, THE MINIMUM DISTANCE BETWEEN NEW PATCHES (SAW CUT TO SAW CUT) SHALL BE 15 FEET. WHEN PATCH SPACING IS LESS THAN 15 FEET, THE PAVEMENT BETWEEN PATCHES SHALL ALSO BE REMOVED AND REPLACED.

CLASS B PATCH QUANTITIES ARE FOR CONTIGENCY USE ONLY. ONCE SURFACE IS MILLED THE ENGINEER WILL DETERMINE IF A PATCH IS REQUIRED.

IF IT IS DETERMINED THERE ARE PATCHES, CONTRACTOR SHALL ONLY REMOVE MATERIAL THAT CAN BE REPLACED THAT SAME DAY ACCORDING TO ARTICLE 442.09 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

THE RE SHALL CONTACT STEPHANIE McMEEKAN AT (815) 677-5282 FOR PATCHING LAYOUT

THE AREA TO BE TACKED OR PRIMED SHALL BE LIMITED TO THAT WHICH CAN BE COVERED WITH HMA ON THE NEXT DAYS PRODUCTION, BUT NO MORE THAN FIVE DAYS IN ADVANCE OF THE PLACEMENT OF THE HMA, UNLESS APPROVED BY THE ENGINEER.

Location and Mixture	
Use(s):	Surface
PG:	PG 58-28
Design Air Voids:	4.0 @N50
Mixture Composition:	IL 9.5
Friction Aggregate:	С
Mixture Weight:	112 lb/sy/in
Quality Management	
Program:	QCQA
Sublot Size:	N/A
Material Transfer Device	N/A

SCALE:

INLET SPECIAL NO. 5 LID TO BE REPLACED AT THE NE CORNER OF 7TH ST. IS IN THE RADIUS OF THE CURVE. CONTRACTOR TO VERIFY RADIUS TO MATCH EXISTING BEFORE ORDERING AND REPLACING.

USER NAME = Nicholas.Vock	DESIGNED _	REVISED _	
	DRAWN -	REVISED -	
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -	
PLOT DATE = 7/3/2024	DATE	REVISED -	

			CONSTR. COD
SUMMARY OF QUANTITIES			100% STAT
			NONE
			0006
ITEM	UNIT	QUANTITY	
BITUMINOUS MATERIALS (TACK COAT)	POUND	1146	1146
HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4"	SQ YD	2547	2547
WELDED WIRE REINFORCEMENT	SQ YD	24	24
CLASS B PATCHES, TYPE II, 14 INCH	SQ YD	15	15
			-
CLASS B PATCHES, TYPE III, 14 INCH	SQ YD	24	24
DOWEL BARS 1 1/2"	EACH	40	40
SAW CUTS	FOOT	130	130
MOBILIZATION	L SUM	1	1
			-
TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1
TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1	1
TRAFFIC CONTROL SURVEILLANCE	CAL DA	3	3
PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	217	217
PAINT PAVEMENT MARKING - LINE 4"	FOOT	3207	3207
		3207	
PAINT PAVEMENT MARKING - LINE 8"	FOOT	232	232
	BITUMINOUS MATERIALS (TACK COAT) HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4" WELDED WIRE REINFORCEMENT CLASS B PATCHES, TYPE II, 14 INCH CLASS B PATCHES, TYPE III, 14 INCH DOWEL BARS 1 1/2" SAW CUTS MOBILIZATION TRAFFIC CONTROL AND PROTECTION, STANDARD 701501 TRAFFIC CONTROL SURVEILLANCE PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS PAINT PAVEMENT MARKING - LINE 4"	BITUMINOUS MATERIALS (TACK COAT) POUND HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4" SQ YD WELDED WIRE REINFORCEMENT CLASS B PATCHES, TYPE II, 14 INCH SQ YD CLASS B PATCHES, TYPE III, 14 INCH SQ YD DOWEL BARS 1 1/2" EACH SAW CUTS FOOT MOBILIZATION L SUM TRAFFIC CONTROL AND PROTECTION, STANDARD 701501 L SUM TRAFFIC CONTROL SURVEILLANCE CAL DA PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS SQ FT	ITEM INIT BITUMINOUS MATERIALS (TACK COAT) POUND 1146 HOT-MIX ASPHALT SURFACE REMOVAL, 1 3/4" SQ YD 2547 WELDED WIRE REINFORCEMENT SQ YD CLASS B PATCHES, TYPE II, 14 INCH SQ YD 24 CLASS B PATCHES, TYPE III, 14 INCH SQ YD 24 DOWEL BARS 1 1/2" EACH 40 SAW CUTS FOOT 130 MOBILIZATION L SUM 1 TRAFFIC CONTROL AND PROTECTION, STANDARD 701501 L SUM 1 TRAFFIC CONTROL SURVEILLANCE CAL DA 3 PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS SQ FT 217 PAINT PAVEMENT MARKING - LINE 4" FOOT 3207

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	SUMMARY OF QUANTITIES 1								
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	NONE 0006					
78001150	PAINT PAVEMENT MARKING - LINE 12"	FOOT	272	272					
78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	70	70					
X4421000	PARTIAL DEPTH PATCHING	TON	250	250					
X6030100	REMOVE AND REPLACE LID	EACH	1	1					

^{*=} SPECIALTY ITEM

SCALE:

		TCHI			40600290	X4062950	44000157
	1			1	Bituminous	Hot-Mix Asphalt	Hot-Mix Aspha
			Prop	nsed	Materials	Skip Patch	Surface
Location	Remarks	Length	Surf			IL-9.5, Mix "C", N50	Removal
Location	Remarks	Lengin	Suri	ace	Tack Coat	1.75"	1.75"
						1.73	1./3
			1 A /: -141-	0	DOLLND	TON	0 1/1
			Width	Sq Yd	POUND	TON	Sq Yd
<u>IL 78</u>				_			
RR to 5th st							
Lt	HMA	25	13	36	16	4	36
Lt	HMA	25	13	36	16	4	36
Rt	HMA	40	13	58	26	6	58
5th st to 6th st. (IL 81)							
Lt	HMA	40	13	58	26	6	58
Lt	HMA	235	13	339	153	33	339
Lt	HMA	60	13	87	39	8	87
Rt	HMA	60	13	87	39	8	87
Rt	HMA	90	13	130	59	13	130
Rt	HMA	50	13	72	33	7	72
6th st to 7th st				_			
Lt	HMA	225	13	325	146	32	325
Lt	HMA	125	13	181	81	18	181
Lt	HMA	100	13	144	65	14	144
Rt	HMA	60	13	87	39	8	87
Rt	HMA	125	13	181	81	18	181
Rt	HMA	225	13	325	146	32	325
7th st to 8th st							
Lt	HMA	40	13	58	26	6	58
Lt	HMA	10	13	14	7	1	14
Lt	HMA	75	13	108	49	11	108
Lt	HMA	24	4	11	5	1	11
Lt	HMA	18	13	26	12	3	26
Rt	HMA	40	13	58	26	6	58
Rt	HMA	10	13	14	7	1	14
Rt	HMA	25	13	36	16	4	36
Rt	HMA	10	13	14	7	1	14
8th st to 9th st							
Lt	НМА	10	4	4	2	1	4
Lt	HMA	40	13	58	26	6	58
9th st to 10th st							
Lt	HMA	6	13	9	4	1	9
Lt	HMA	6	13	9	4	1	9
Lt	HMA	18	13	26	12	3	26
Lt	HMA	6	13	9	4	1	9
Lt	HMA	6	13	9	4	1	9
Lt	HMA	6	13	9	4	1	9
Rt	HMA	6	13	9	4	1	9
Rt	HMA	12	13	17	8	2	17
Rt	HMA	6	13	9	4	1	9
Rt	HMA	6	13	9	4		9
Rt	HMA	6	13	9	4	1	9
					4 4 4 6	050	0 F 47
TOTALS		1787			1,146	250	2,54

78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS								
	SQ FT	LOCATION	OFFSET	REMARKS					
	61	366+00	LT	Railroad crossing (white RXR)					
	62	368+32 - 370+75		LT Turn bay (4) arrows					
	94	372+63 - 375+01		Center Lane Turn bay (6) arrows					
	217	TOTAL							
78001110	PAINT PAV	EMENT MARKING - LINE 4'							
	FOOT	LOCATION	OFFSET	<u>REMARKS</u>					
	96	365+00 - 365+48		Centerline (Double Yellow)					
	592	365+48 - 366+96		Painted median (Yellow)					
	364	367+41 - 368+32		Painted median (Yellow)					
	486	368+32 - 370+75		Centerline (Double Yellow)					
	344	371+77 - 372+63		Painted median (Yellow)					
	595	372+63 - 375+01		Median turnbay (Yellow)					
	395	375+01 - 376+59		Painted median (Yellow)					
	335	376+59 - 390+00		Centerline (Skip Yellow)					
	3,207	TOTAL							
78001140	PAINT PAV								
	EACH	LOCATION	OFFSET	<u>REMARKS</u>					
	232	368+43 - 370+75	RT	Lt Turn bay (White)					
	232	TOTAL							
78001150	PAINT PAV	EMENT MARKING - LINE 12	2"						
	FOOT	LOCATION	OFFSET	REMARKS					
	68	365+48 - 366+96		Painted Median Diagonals (Yellow)					
	62	367+41 - 368+32		Painted Median Diagonals (Yellow)					
	39	369+34 - 370+20		Painted Median Diagonals (Yellow)					
	103	370+20 - 371+78		Painted Median Diagonals (Yellow)					
	272	TOTAL							
78001180	PAINT PAV	EMENT MARKING - LINE 24	4"						
	FOOT	LOCATION	OFFSET	<u>REMARKS</u>					
	17	365+75		RR X Stop bar					
	15	366+28		RR X Stop bar					
	25	370+75		IL 78 NB Stop bar					
	13	371+81		IL 78 SB Stop bar					
	70	TOTAL							
X6030100	REMOVE A	ND REPLACE LID							
	EACH	LOCATION	OFFSET	REMARKS					
	<u>EACH</u> 1	375+27 -	RT	<u>REMARKS</u> INLET SPL NO. 5 NE 7th st					
	1	TOTAL	M	INCLI OF EINO. JINE / III SI					
	U] TOTAL		FAP SECTION SO					

MODEL: D2_SHT SCHEDULE

 USER NAME
 INIGHIDAS.VOCK
 DESIGNED
 REVISED

 DRAWN
 REVISED

 PLOT SCALE
 = \$SCALE\$
 CHECKED
 REVISED

 PLOT DATE
 = 7/3/2024
 DATE
 REVISED

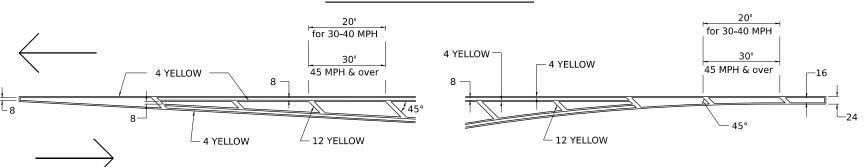
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

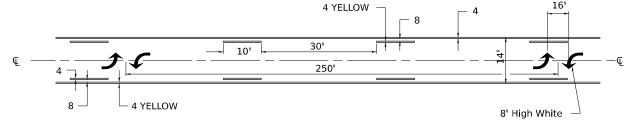
SCALE:

TYPICAL PAVEMENT MARKINGS

MEDIAN PAVEMENT MARKING

TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE





** ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

TYPICAL ISLAND OFFSET SHOULDER WIDTH

5 Diagonals

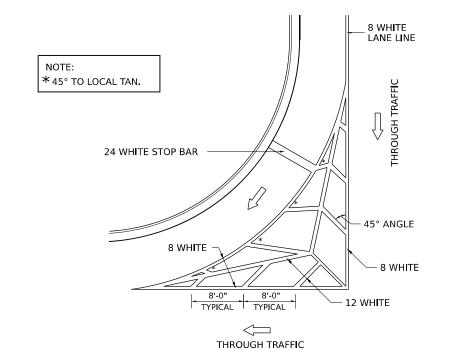
Minimum

-12 WHITE

24 WH**I**TE

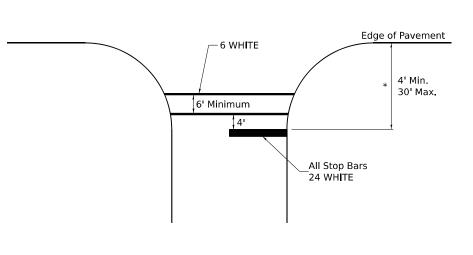
8 WHITE

TYPICAL MARKING FOR PAINTED ISLANDS



STANDARD CROSSWALK MARKING

See Schedules for Locations



* Distance to the nearest edge of the intersecting roadway in the absence of a marked crosswalk.

USER NAME = Nicholas Vock	DESIGNED -	REVISED - 6-27-14
	DRAWN -	REVISED - 3-05-12
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 7/3/2024	DATE -	REVISED -

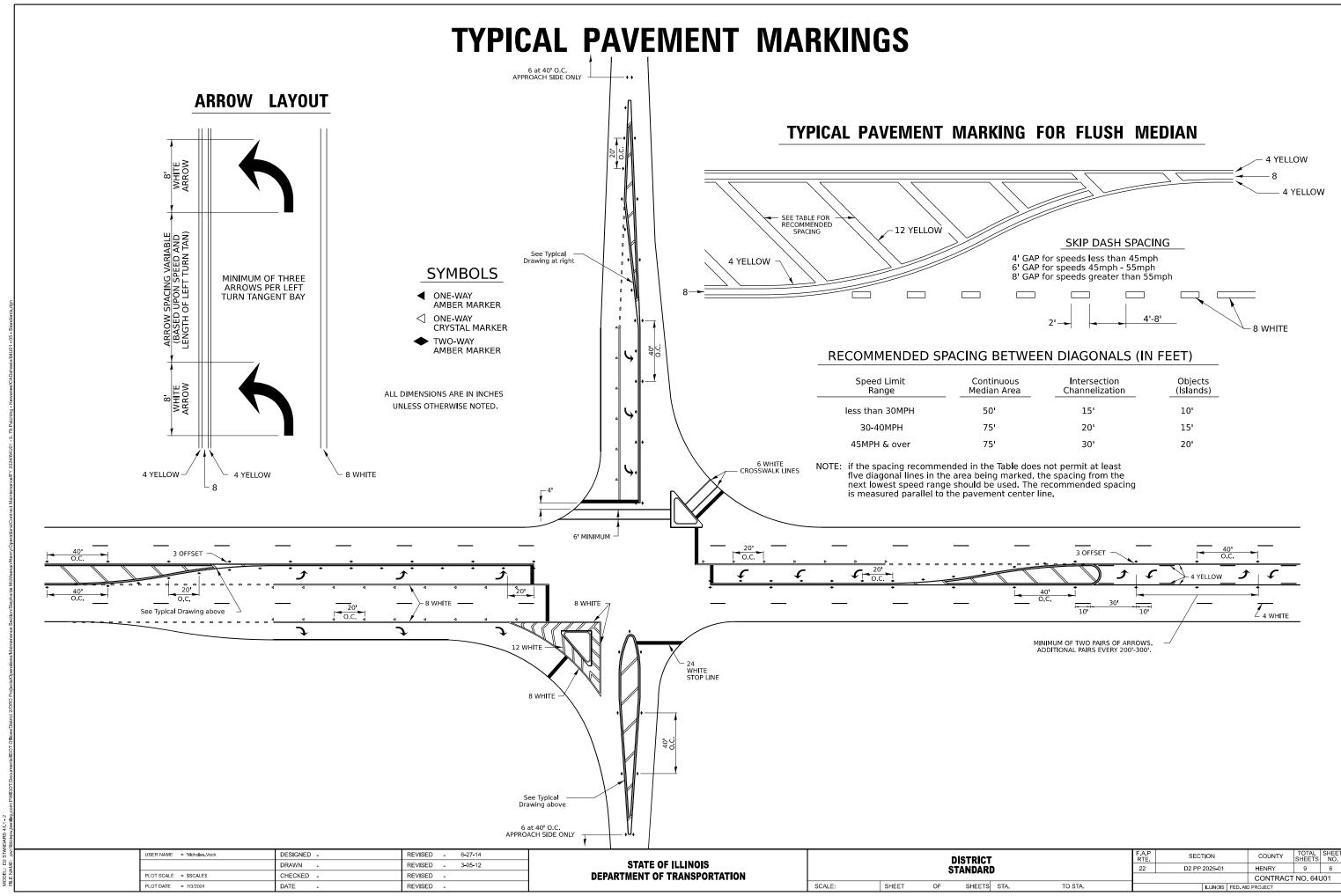
8 WHITE

24 WHITE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

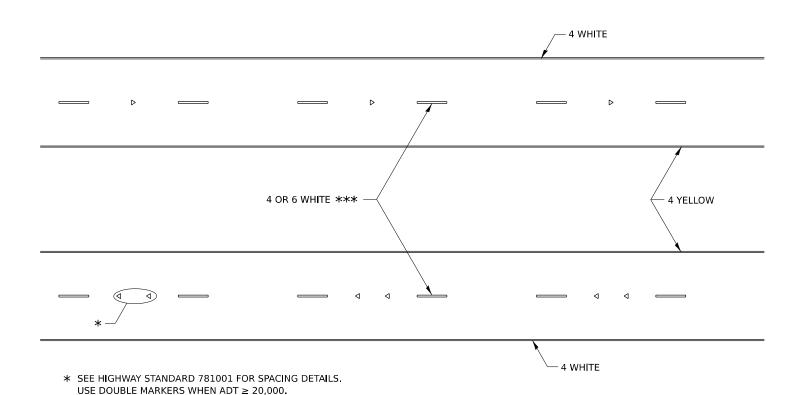
REGION 2 / DISTRICT 2 STANDARD

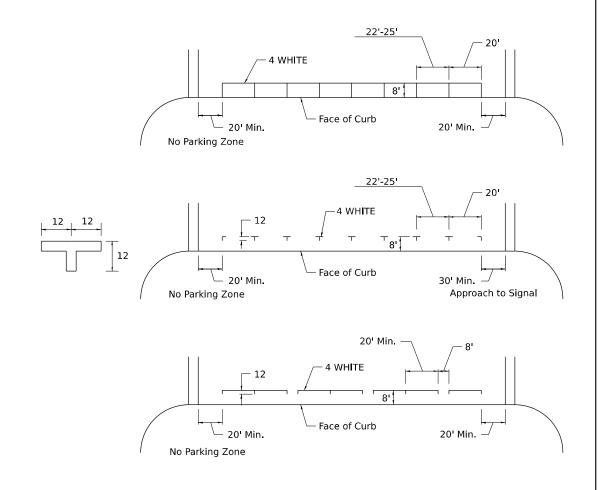
SCALE: SHEET OF SHEETS STA. TO



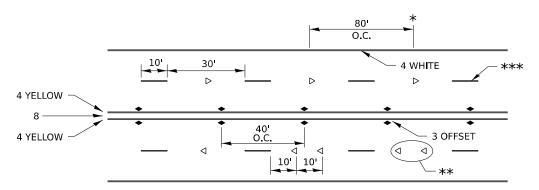
TYPICAL PAVEMENT MARKINGS

TYPICAL PARKING SPACING





MULTI-LANE / DIVIDED



- * REDUCE TO 40' O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH LOWER THAN POSTED SPEEDS.
- ** USE DOUBLE MARKERS WHEN ADT ≥ 20,000
- *** CENTERLINE SKIP DASH PAVEMENT MARKING SPEED LIMIT LESS THAN 40 MPH USE 4" LINE. SPEED LIMIT 40 MPH AND OVER USE 6" LINE.

MULTI-LANE / UNDIVIDED & ONE WAY

(FOR MULTI-LANE UNDIVIDED HIGHWAYS USE THIS DETAIL NOT HIGHWAY STANDARD 781001)

USER NAME = Nicholas Vock	DESIGNED -	REVISED - 6-27-14
	DRAWN -	REVISED - 8-27-13
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED - 11-28-12
PLOT DATE = 7/3/2024	DATE -	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

30'

	DE01	AND 4				F.A.P RTE	SECT	ION	COUNTY	TOTAL SHEETS	SHEET NO.
REGION 2 / DISTRICT 2 STANDARD						22	D2 PP	2025-01	HENRY	9	7
									CONTRACT	NO. 641	J01
SCALE:	SHEET	OF	SHEETS	STA	TO STA.			ILLINOIS FED AIR	DPO IECT		

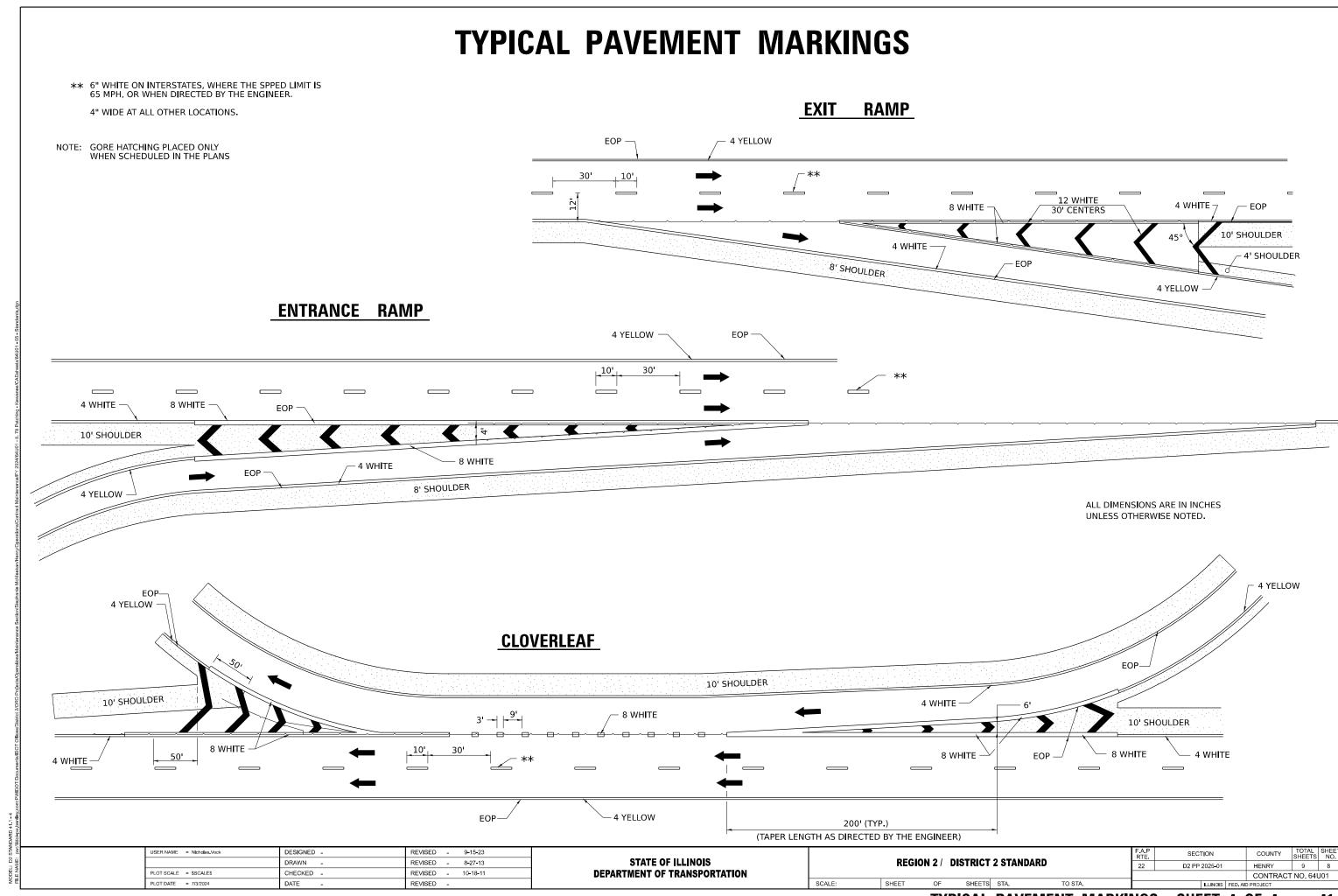
TYPICAL PAVEMENT MARKING FOR TWO LANE SECTION - NO PASSING ZONES

EDGE OF PAVEMENT

WHITE

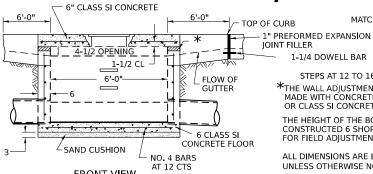
WHITE

41.1





1-1/4 DOWELL BAR



STEPS AT 12 TO 16 CTS. *THE WALL ADJUSTMENTS SHALL BE MADE WITH CONCRETE BUILDING BRICK OR CLASS SI CONCRETE.

MATCH FINAL CONDITIONS

THE HEIGHT OF THE BOX MAY BE CONSTRUCTED 6 SHORT TO ALLOW FOR FIELD ADJUSTMENTS.

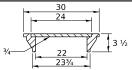
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

FRONT VIEW

SEE STANDARD 602701 FOR DETAILS OF STEPS. 1" PREFORMED EXPANSION IOINTS AS SHOWN SHALL BE PROVIDED ON EACH SIDE OF INLET. CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED TROUGHOUT. THE SIDE WALLS MAY BE BUILT AS PRECAST SEGMENTAL SECTIONS.

REINFORCEMENT FOR INLETS, SPECIAL, NO. 5 SHALL BE ACCORDING TO DISTRICT STANDARD 79.4g

LIGHT WEIGHT MANHOLE CASTING



TOTAL WEIGHT 160 LBS.

REVISED _ 1-05-16 REVISED - 8-27-13 REVISED - 10-04-11

NOTES

STEPS SHALL BE OMITTED WHEN DEPTH OF INLET IS LESS THAN 5 FOOT

THE INLET SHALL BE CAST IN PLACE OR PRECAST.

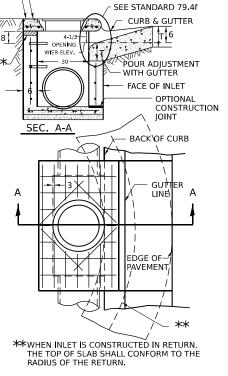
EXCEPT AS NOTED HEREON INLETS, SPECIAL, NO. 5 SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS.

THE CONTRACT UNIT PRICE EACH FOR INLET SPECIAL NO. 5 SHALL INCLIDE THE COST OF FURNISHING AND INSTALLING THE FRAME, LID, REINFORCEMENT BARS, FLOOR AND TOP SLABS, CAST IRON STEPS (IF USED).

THE CURB AND GUTTER WILL BE PAID FOR SEPARATELY AND WILL BE MEASURED THROUGH THE INLET.

THE CURB AND GUTTER ADJACENT TO AND 6 FOOT ON EITHER SIDE OF THE INLET SHALL BE CONSTRUCTED AS SHOWN WITH NO ADDITIONAL COMPENSATION FOR THE TRANSITION.

ALL PIPE UNDERDRAIN CONNECTIONS WHEN SPECIFIED SHALL BE DONE IN ACCORDANCE WITH ART. 601 OF THE STANDARD SPECIFICATIONS. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER (FOOT) FOR PIPE UNDERDRAINS, TYPE 2 OR PIPE UNDERDRAINS (SPECIAL) OF THE DIAMETER SPECIFIED WHICH PRICE SHALL INCLUDE THE CAT OR CA16 AND THE CONNECTION TO THE INLET.



√6 CLASS SI CONCRETE SLAB

INLETS, SPECIAL, NO. 5

79.4b

REVISED -SECTION COUNTY REGION 2 / DISTRICT 2 STANDARD REVISED -22 D2 PP 2025-01 HENRY 9 9 REVISED -CONTRACT NO. 64U01 OF SHEETS STA. SCALE: SHEET TO STA. REVISED -