

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5788	(33&40) - 1RS	ROCK ISLAND	8	1
		ILLINOIS	CONTRACT NO. 64T82	

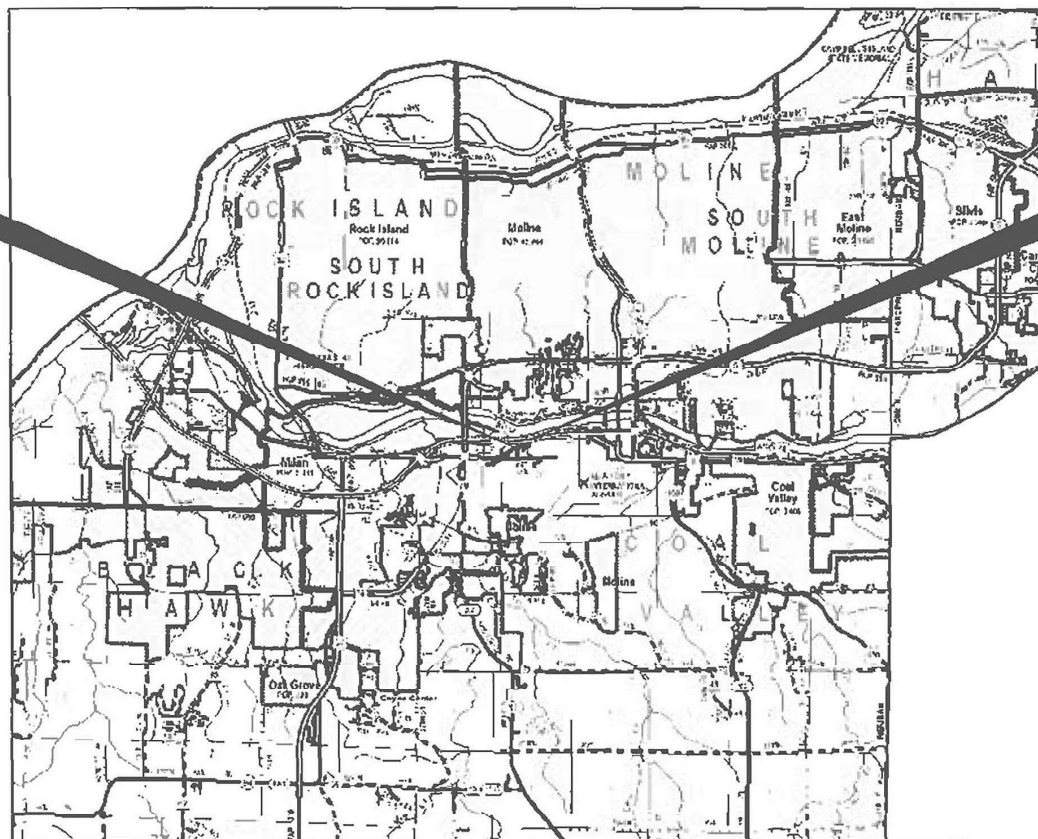
# PROPOSED HIGHWAY PLANS

ROUTE FAU 5788 (AIRPORT RD)  
SECTION (33&40) - 1RS  
RESURFACING  
ROCK ISLAND COUNTY

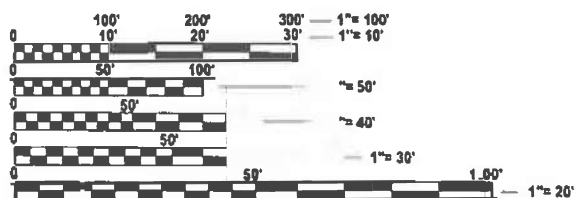
C-92-175-24



PROJECT BEGINS  
STA. 113+64



PROJECT ENDS  
STA. 129+64



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.

J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123  
OR 811

GROSS LENGTH = 3,200 FT. = .6 MILES  
NET LENGTH = 1,600 FT. = .3 MILE

PROJECT DESIGNER: NICK VOCK (815-440-1827)  
CONTRACT NO. 64T82

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED 12/5 2024  
Trisha Thompson, A.S.C.E.  
REGIONAL ENGINEER

January 31, 2025  
[Signature]  
ENGINEER OF DESIGN AND ENVIRONMENT

January 31, 2025  
[Signature]  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

**INDEX OF SHEETS**

- 1 COVER SHEET
- 2 INDEX OF SHEETS, STANDARDS, GENERAL NOTES
- 3 SUMMARY OF QUANTITIES
- 4 SCHEDULE OF QUANTITIES
- 5-8 D2 STANDARDS

**HIGHWAY STANDARDS**

- 420001-10 PAVEMENT JOINTS
- 420701-03 PAVEMENT WELDED WIRE REINFORCEMENT
- 442101-09 CLASS B PATCHES
- 701001-02 OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY FROM PAVEMENT EDGE
- 701006-05 OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" AWAY FROM PAVEMENT EDGE
- 701201-05 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
- 701306-04 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY FOR SPEEDS ≥ 45 MPH
- 701311-03 LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY
- 701901-10 TRAFFIC CONTROL DEVICES
- 780001-05 TYPICAL PAVEMENT MARKINGS

**DISTRICT STANDARDS**

- 41.1 TYPICAL PAVEMENT MARKINGS

**GENERAL NOTES**

CONTRACTOR TO NOTE THAT STATIONS IN PLANS WERE BASED OFF OF STATION STAMPS IN PAVEMENT. CONFIRM LOCATIONS PRIOR TO WORK, CONTACT STEPHANIE MCKMEEKAN AT (815) 677-5282 WITH ANY ISSUES LAYING OUT PAVEMENT MARKINGS.

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

CONTRACTOR TO CONFIRM IF AMBER RAISED REFLECTORS ARE 1 WAY OR 2 WAY IN THE FIELD PRIOR TO REMOVAL AND REPLACEMENT.

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 CONTINGENCY 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 MCKMEEKAN 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	Resurfacing
Uses(s):	Surface
PG:	PG 58-28
Design Air Voids	4.0 @ N50
Mixture Composition	IL 9.5
Friction Aggregate	C
Mix Weight	112 lb/sy/in
Quality Management Program	QC/QA
Sublot Size	N/A
Material Transfer Device	N/A

Polymerized Bituminous Materials (Tack Coat) - Application Rates *	
Surface Type	Residual Rate
Milled (HMA or PCC)	0.05 lb / sq ft
Existing Pavement	0.05 lb / sq ft
Fog Coat (between lifts)	0.05 lb / sq ft
*polymer tack shall be SS-1hP, or NTEA listed material	

MODEL: D:\\_BHT INDEX FILE NAME: ...

USER NAME = Nicholas.Vock	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SHEETS &amp; HIGHWAY STANDARDS</b>	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
DRAWN -	REVISED -	5788			(33&40)-1RS	ROCK ISLAND	8	2		
PLOT SCALE = \$\$SCALE\$	CHECKED -	REVISED -			CONTRACT NO. 64T82					
PLOT DATE = 12/12/2024	DATE	REVISED -			ILLINOIS   FED. AID PROJECT					
					SCALE:	SHEET	OF	SHEETS	STA.	TO STA.



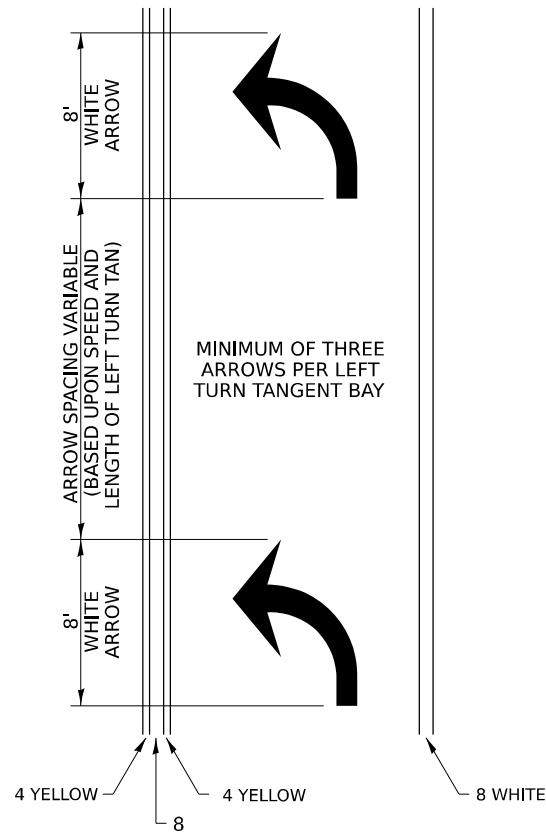






# TYPICAL PAVEMENT MARKINGS

## ARROW LAYOUT

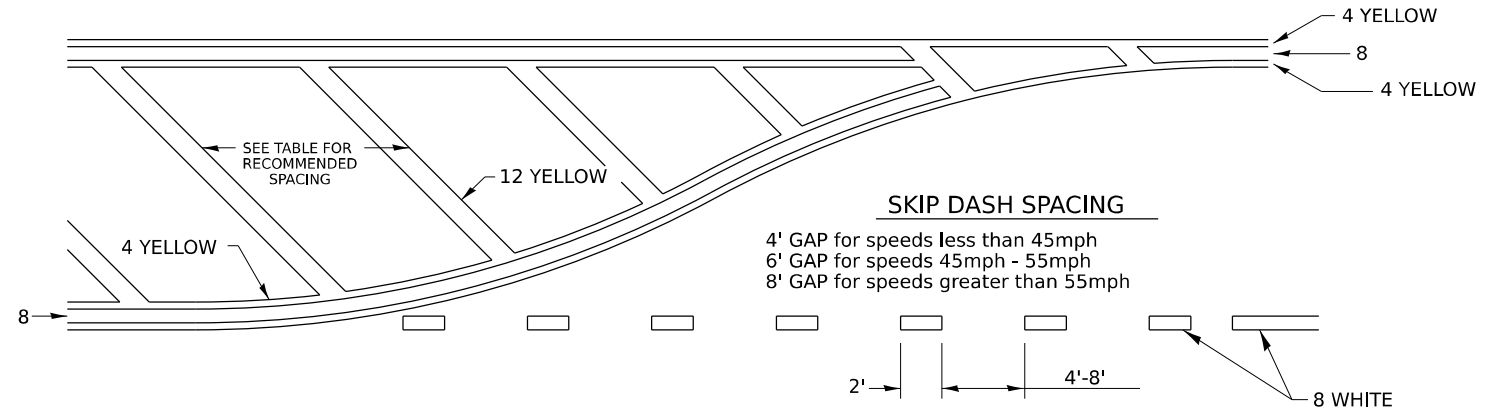


## SYMBOLS

- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER
- ◆ TWO-WAY AMBER MARKER

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

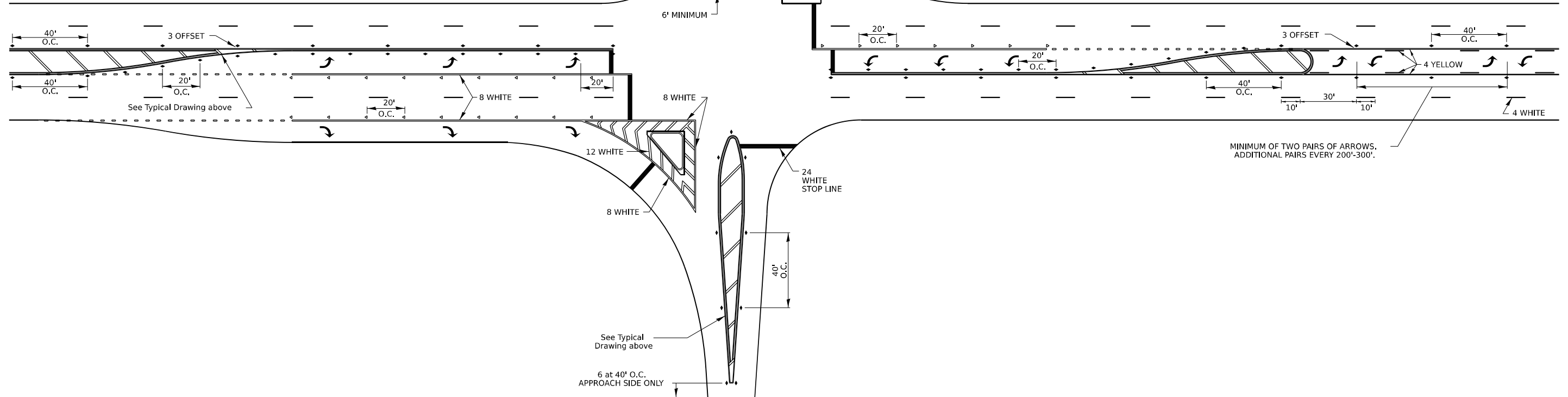
## TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



## RECOMMENDED SPACING BETWEEN DIAGONALS (IN FEET)

Speed Limit Range	Continuous Median Area	Intersection Channelization	Objects (Islands)
less than 30MPH	50'	15'	10'
30-40MPH	75'	20'	15'
45MPH & over	75'	30'	20'

NOTE: if the spacing recommended in the Table does not permit at least five diagonal lines in the area being marked, the spacing from the next lowest speed range should be used. The recommended spacing is measured parallel to the pavement center line.



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PLOT SCALE = \$SCALE\$	DRAWN -	REVISED - 3-05-12
PLOT DATE = 12/12/2024	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

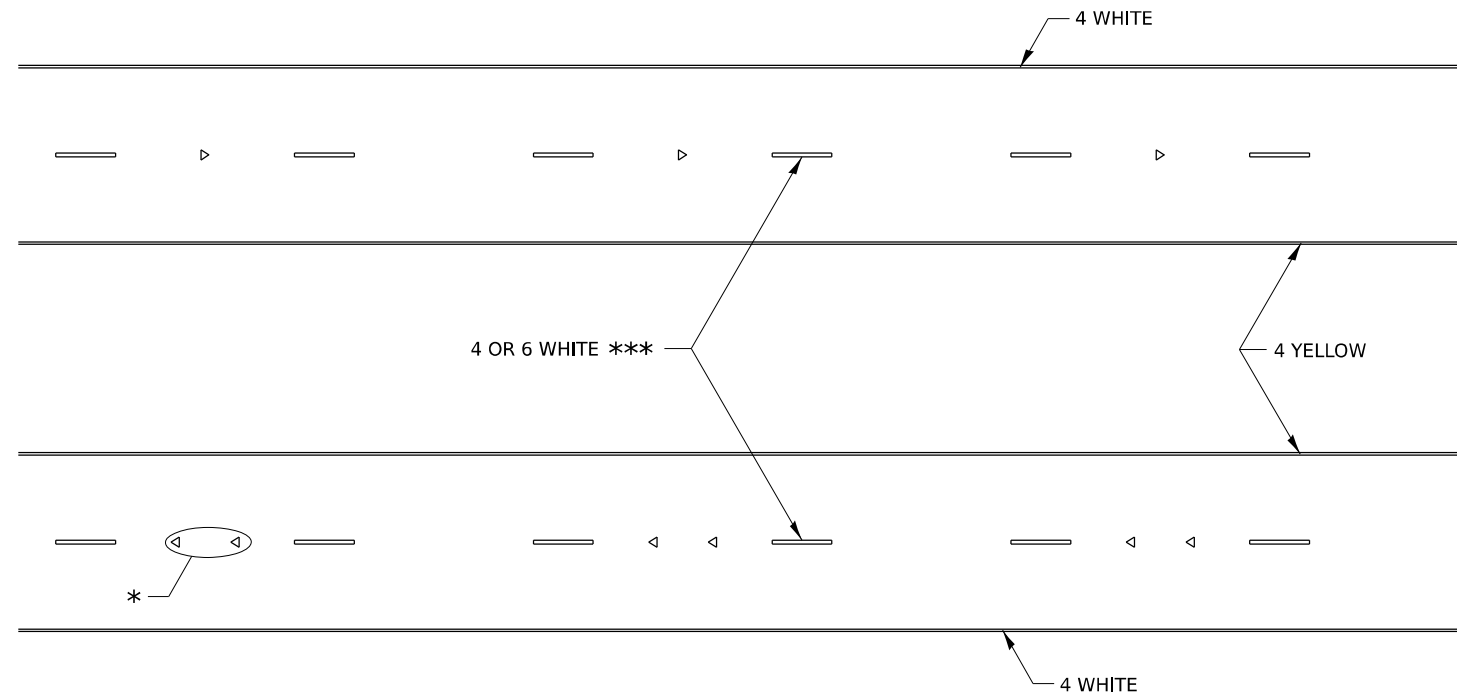
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DISTRICT  
STANDARD

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5788	(33&40)-1RS	ROCK ISLAND	8	6
CONTRACT NO. 64T82				
ILLINOIS FED. AID PROJECT				

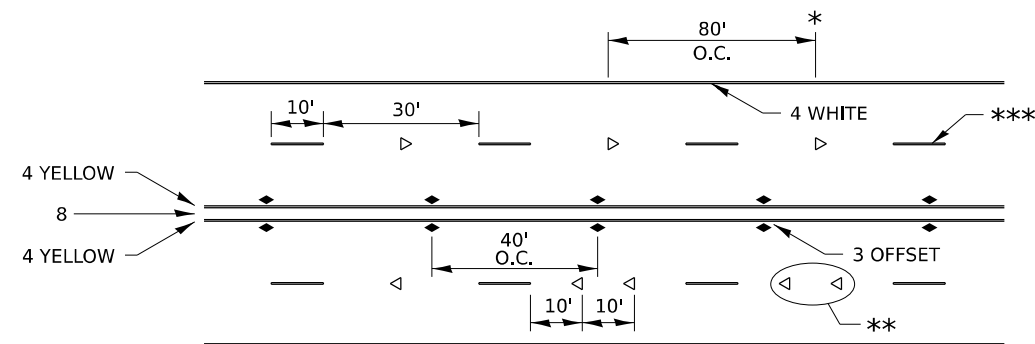
# TYPICAL PAVEMENT MARKINGS

## TYPICAL PARKING SPACING



\* SEE HIGHWAY STANDARD 781001 FOR SPACING DETAILS.  
USE DOUBLE MARKERS WHEN ADT ≥ 20,000.

### MULTI-LANE / DIVIDED



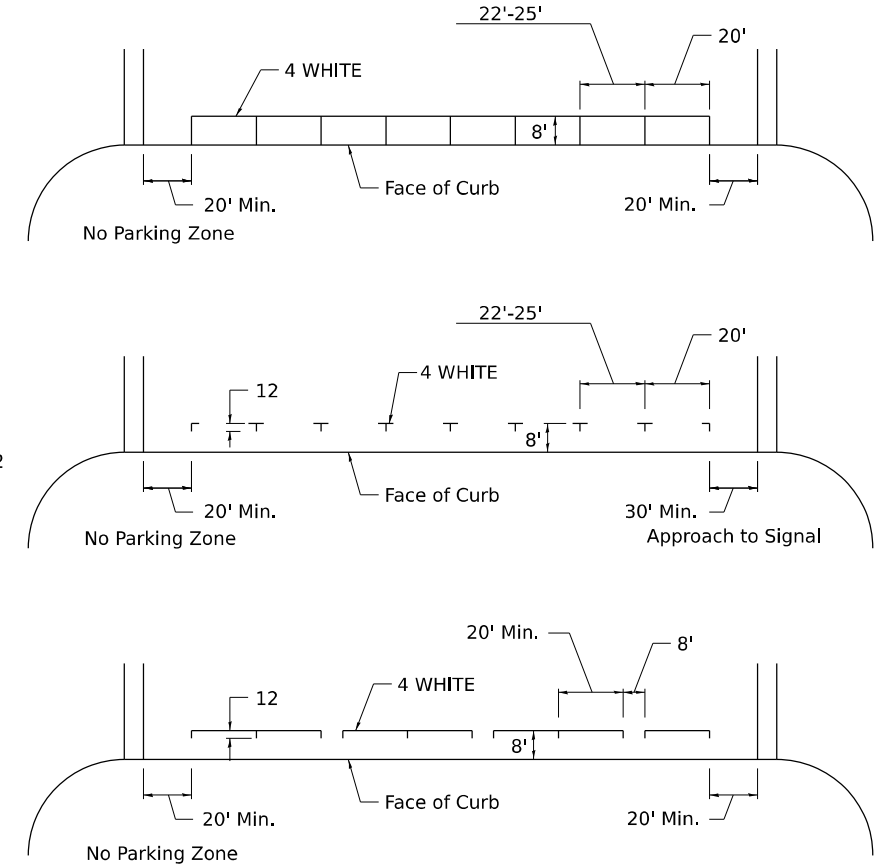
\* REDUCE TO 40' O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH LOWER THAN POSTED SPEEDS.

\*\* USE DOUBLE MARKERS WHEN ADT ≥ 20,000

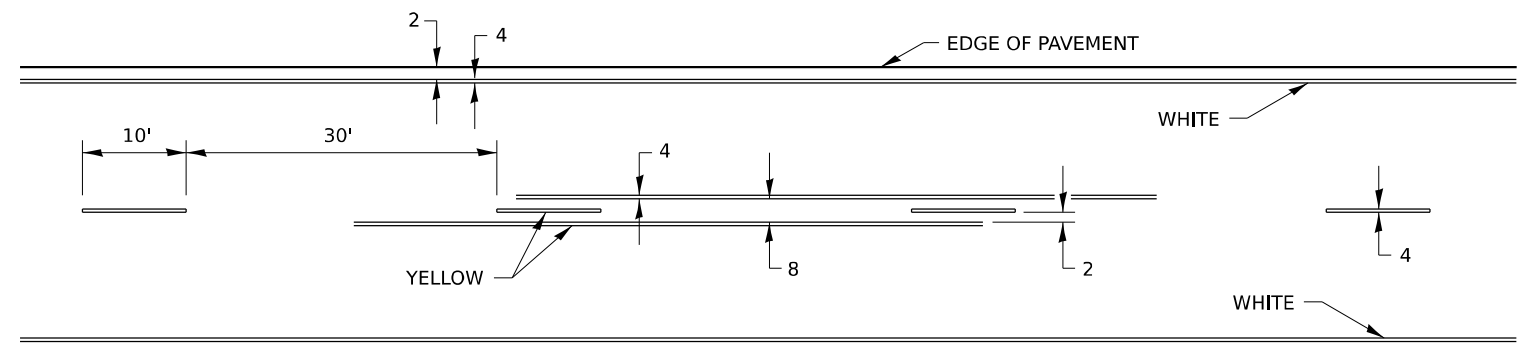
\*\*\* CENTERLINE SKIP DASH PAVEMENT MARKING SPEED LIMIT LESS THAN 40 MPH USE 4" LINE. SPEED LIMIT 40 MPH AND OVER USE 6" LINE.

### MULTI-LANE / UNDIVIDED & ONE WAY

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



### TYPICAL PAVEMENT MARKING FOR TWO LANE SECTION – NO PASSING ZONES



MODEL: PD STANDARD 41-3  
FILE NAME: P:\InfoSpace\Comm\PLM\DOT\Documents\DOT Office\Other\2\CRD\Project\Operations\Maintenance\Section\Standard\Rock Island\Operations\Contract\Maintenance\FY 2025\64T82 - Alport rd, new for project name Sued\CA\Sheet\64T82 - 0528 - Standards.dgn

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PLOT SCALE = \$SCALE\$	DRAWN -	REVISED - 8-27-13
PLOT DATE = 12/12/2024	CHECKED -	REVISED - 11-28-12
	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET OF SHEETS STA. TO STA.

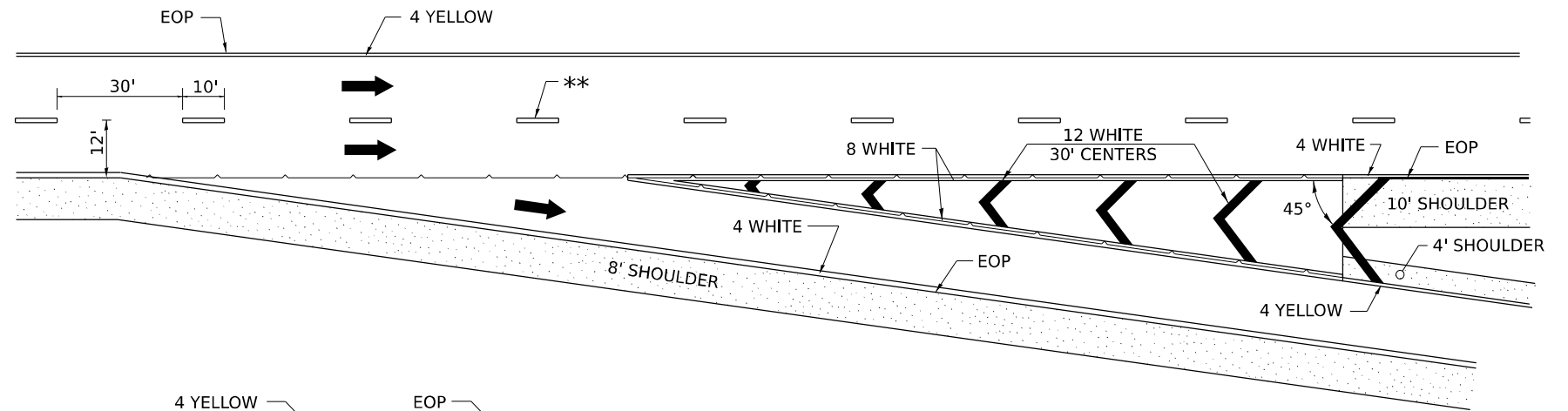
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5788	(33&40)-TRS	ROCK ISLAND	8	7
CONTRACT NO. 64T82				
ILLINOIS FED. AID PROJECT				

# TYPICAL PAVEMENT MARKINGS

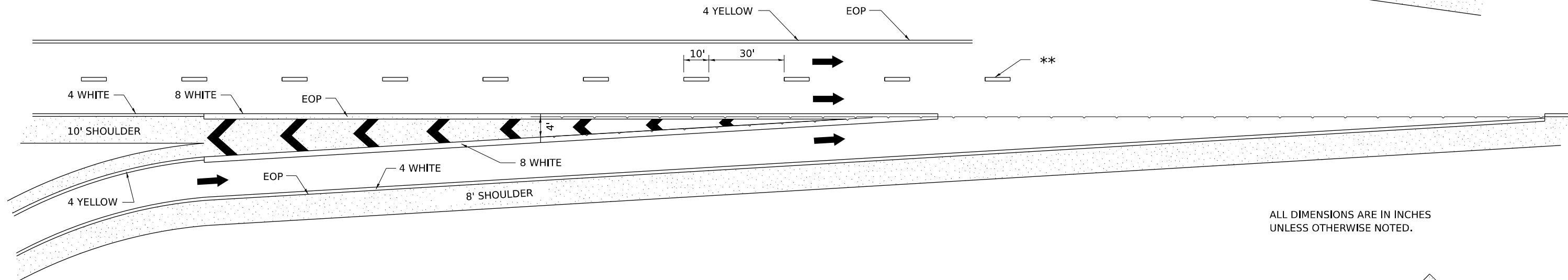
\*\* 6" WHITE ON INTERSTATES, WHERE THE SPPED LIMIT IS 65 MPH, OR WHEN DIRECTED BY THE ENGINEER.  
4" WIDE AT ALL OTHER LOCATIONS.

NOTE: GORE HATCHING PLACED ONLY WHEN SCHEDULED IN THE PLANS

## EXIT RAMP

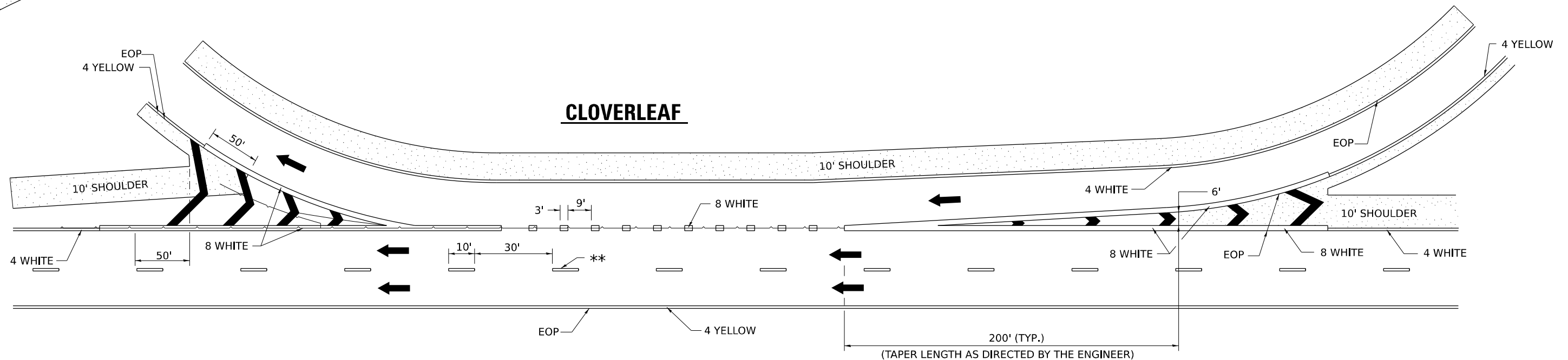


## ENTRANCE RAMP



ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

## CLOVERLEAF



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USER NAME = Nicholas,Vock	DESIGNED -	REVISED - 9-15-23
	DRAWN -	REVISED - 8-27-13
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED - 10-18-11
PLOT DATE = 12/12/2024	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
5788	(33&40)-IRS	ROCK ISLAND	8	8
CONTRACT NO. 64T82				
ILLINOIS FED. AID PROJECT				