

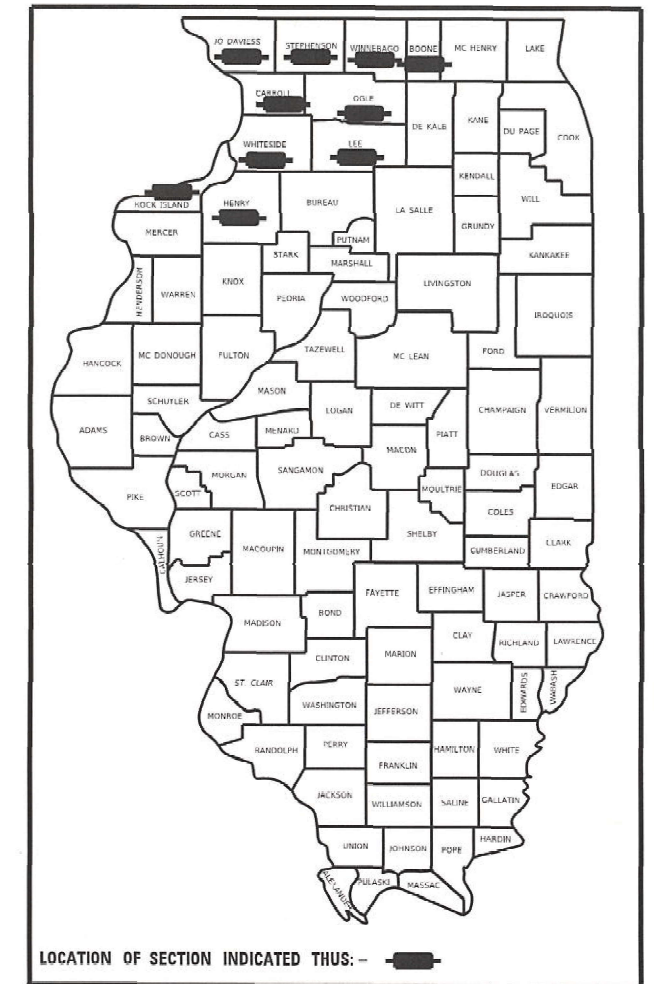
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D2 HT PVMNT MRK RPR 25-0	VARIOUS	9	1
ILLINOIS			CONTRACT NO. 46642	

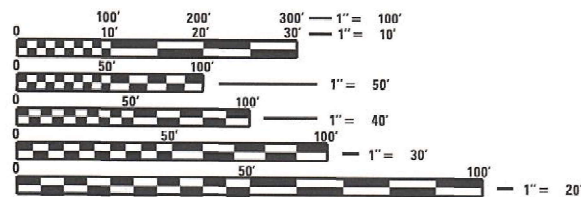
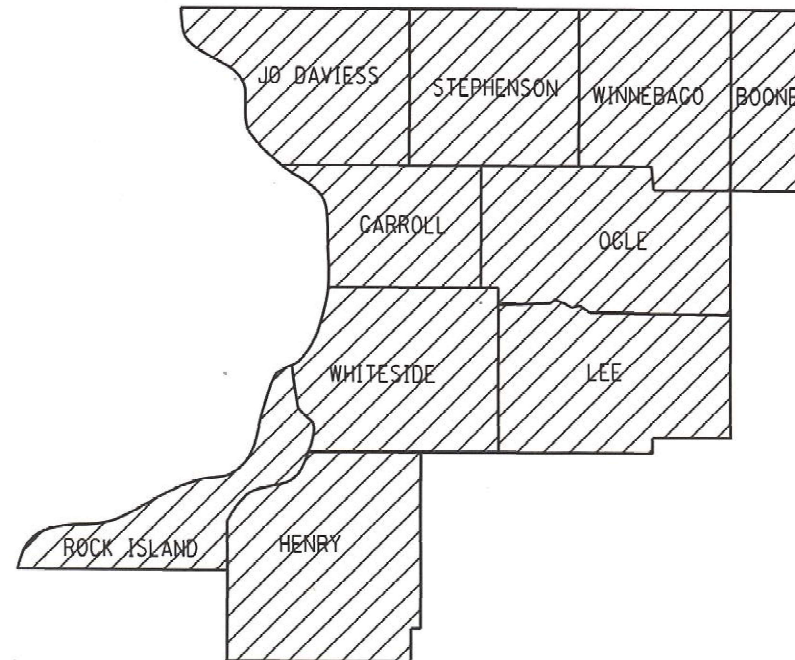
FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR STATE STANDARDS, SEE SHEET NO. 2
FOR GENERAL NOTES, SEE SHEET NO. 2

PROPOSED
HIGHWAY PLANS

VARIOUS ROUTES
SECTION D2 HT PVMNT MRK RPR 25-01
HIGH TYPE PAVEMENT MARKING
VARIOUS COUNTIES



M-60-001-25



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

PROJECT ENGINEER: TROY EBENEZER (815) 284-5491
PROJECT MANAGER: KRISTIE NYDEREK (815) 284-5469

CONTRACT NO. 46642

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Jan 26 2024
Stephen M. Traiano
REGIONAL ENGINEER

March 22, 2024 S.A. Elk
ENGINEER OF DESIGN AND ENVIRONMENT

March 22, 2024 Stephen M. Traiano
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

- 1 COVER SHEET
- 2 INDEX OF SHEETS & STATE STANDARDS
- 3-4 SUMMARY OF QUANTITIES
- 5 SCHEDULE OF QUANTITIES
- 6-9 TYPICAL PAVEMENT MARKINGS (41.1)

STATE STANDARDS

- 701006-05 OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
- 701101-05 OFF-ROAD OPERATIONS, MULTI-LANE, 15' TO 24" FROM PAVEMENT EDGE
- 701311-03 LANE CLOSURE, 2L-2W, MOVING OPERATION, DAY ONLY
- 701426-09 LANE CLOSURE, MULTI-LANE, INTERMITTANT/MOVING OPER, FOR SPEEDS \geq 45 MPH
- 701427-05 LANE CLOSURE, MULTI-LANE, INTERMITTANT/MOVING OPER, FOR SPEEDS \leq 45 MPH
- 701501-06 URBAN LANE CLOSURE, 2L2W, UNDIVIDED
- 701601-09 URBAN LANE CLOSURE, MULTI-LANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
- 701701-10 URBAN LANE CLOSURE, MULTI-LANE INTERSECTION
- 701901-09 TRAFFIC CONTROL DEVICES
- 780001-05 TYPICAL PAVEMENT MARKINGS
- 701400-12 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701406-13 LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY

GENERAL NOTES

ALL PREFORMED PLASTIC PAVEMENT MARKING LINES SHALL BE CONTRAST PREFORMED PLASTIC AND SHALL ONLY BE APPLIED IN A RECESSED GROOVE.

MODEL: Default
FILE NAME: E:\Strahlman\2025\46642 - 2025 Stripling Contract\Contract Forms\46642 - Stripling plans.dgn

<small>USER NAME</small> = Trey Ebenezer	<small>DESIGNED</small> - _____	<small>REVISED</small> - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS & STATE STANDARDS	<small>F.A. RTE.</small>	<small>SECTION</small>	<small>COUNTY</small>	<small>TOTAL SHEETS</small>	<small>SHEET NO.</small>		
<small>PLOT SCALE</small> = 102.9963' / in.	<small>DRAWN</small> - _____	<small>REVISED</small> - _____			<small>VAR.</small> D2 HT PVMNT MRK RPR 25-0	<small>VARIOUS</small>	<small>CONTRACT NO.</small> 46642			2	
<small>PLOT DATE</small> = Jan-11-2024 01:37:43 PM	<small>CHECKED</small> - _____	<small>REVISED</small> - _____			<small>SCALE</small> _____	<small>SHEET</small> _____	<small>OF</small> _____	<small>SHEETS</small>	<small>STA.</small> _____	<small>TO STA.</small> _____	<small>ILLINOIS</small> <small>FED. AID PROJECT</small>
	<small>DATE</small> - _____	<small>REVISED</small> - _____									

SUMMARY OF QUANTITIES

PAYCODE	ITEM DESCRIPTION	UNITS	CONSTR. CODE 0021	
			TOTAL QUANTITY	PAVEMENT MARKING 100% STATE
78004600	PREFORM PLASTIC PVT MKG TYPE D - STD - LET & SYM	SQ FT	1,000	1,000
78004620	PREFORM PLASTIC PVT MKG TYPE D - STD - LINE 4"	FOOT	1,000	1,000
78004625	PREFORM PLASTIC PVT MKG TYPE D - STD - LINE 5"	FOOT	1,000	1,000
78004630	PREFORM PLASTIC PVT MKG TYPE D - STD - LINE 6"	FOOT	1,000	1,000
78004635	PREFORM PLASTIC PVT MKG TYPE D - STD - LINE 7"	FOOT	50,000	50,000
78004640	PREFORM PLASTIC PVT MKG TYPE D - STD - LINE 8"	FOOT	1,000	1,000
78004645	PREFORM PLASTIC PVT MKG TYPE D - STD - LINE 9"	FOOT	50,000	50,000
78004660	PREFORM PLASTIC PVT MKG TYPE D - STD - LINE 12"	FOOT	1,000	1,000
78011000	GROOVING FOR RECESSED PVT MKG, LET & SYM	SQ FT	1,000	1,000
78011025	GROOVING FOR RECESSED PVT MK 5"	FOOT	1,000	1,000
78011030	GROOVING FOR RECESSED PVT MK 6"	FOOT	1,000	1,000
78011035	GROOVING FOR RECESSED PVT MK 7"	FOOT	1,000	1,000
78011040	GROOVING FOR RECESSED PVT MK 8"	FOOT	50,000	50,000
78011045	GROOVING FOR RECESSED PVT MK 9"	FOOT	1,000	1,000
78011050	GROOVING FOR RECESSED PVT MK 10"	FOOT	50,000	50,000
78011065	GROOVING FOR RECESSED PVT MK 13"	FOOT	1,000	1,000
X7800700	PREFORM THERMOPLASTIC PM SHIELD	EACH	14	14

MODEL: Default
FILE NAME: S:\Operations\Traffic\Contract\Stripping\2025-46642 - 2025 Stripping Contract\Contract Form\Contract_Summary\46642_summary_rhans.dwg

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PLOT SCALE = 102.9963 / 1 in.	DRAWN - _____	REVISED - _____
PLOT DATE = Jan-25-2024 01:56:03 PM	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES

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

F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR. 02 HT PVMNT MRK RPR 25-01	VARIOUS		3	3
CONTRACT NO. 46642			ILLINOIS FED. AID PROJECT	

SCHEDULE OF QUANTITIES

BIG X

ITEM #	QUANTITY	ITEM DESCRIPTION
1	2	I-74 SHIELD WITH "EAST" DIRECTION INDICATOR
2	1	I-74 SHIELD WITH "WEST" DIRECTION INDICATOR
3	2	I-74 (NO DIRECTION INDICATOR)
4	1	I-80 SHIELD WITH "EAST" DIRECTION INDICATOR
5	2	I-80 SHIELD WITH "WEST" DIRECTION INDICATOR
6	1	I-80 SHIELD (NO DIRECTION INDICATOR)

LITTLE X

ITEM #	QUANTITY	ITEM DESCRIPTION
7	2	I-74 SHIELD WITH "EAST" DIRECTION INDICATOR
8	2	US 6 SHIELD (NO DIRECTION INDICATOR)
9	1	I-280 SHIELD WITH "WEST" DIRECTION INDICATOR

- NOTES:
- 1) INTERSTATE SHIELD SIZES ARE 6FT X 15FT (FIGURE 3B-25 IN THE 2009 MUTCD)
 - 2) ACTUAL FIELD LOCATIONS WILL BE PROVIDED BY THE ENGINEER
 - 3) INTERSTATE SHIELDS ARE PAID FOR AS EACH
 - 4) DIRECTION INDICATORS WILL BE PAID FOR AS LETTERS & SYMBOLS

MODEL: D:\dwg\Traffic\Contract\Contract - 2025 - Highway Construction - Submittal\36642 - striping plan.dwg
 FILE NAME: S:\ChattanoogaTraffic\Contract\Contract - 2025 - Highway Construction - Submittal\36642 - striping plan.dwg

USER NAME = Troy Ebenezer PLOT SCALE = 100.0000' / in. PLOT DATE = Jan-25-2024 03:18:22 PM	DESIGNED - _____ DRAWN - _____ CHECKED - _____ DATE - _____	REVISED - _____ REVISED - _____ REVISED - _____ REVISED - _____
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

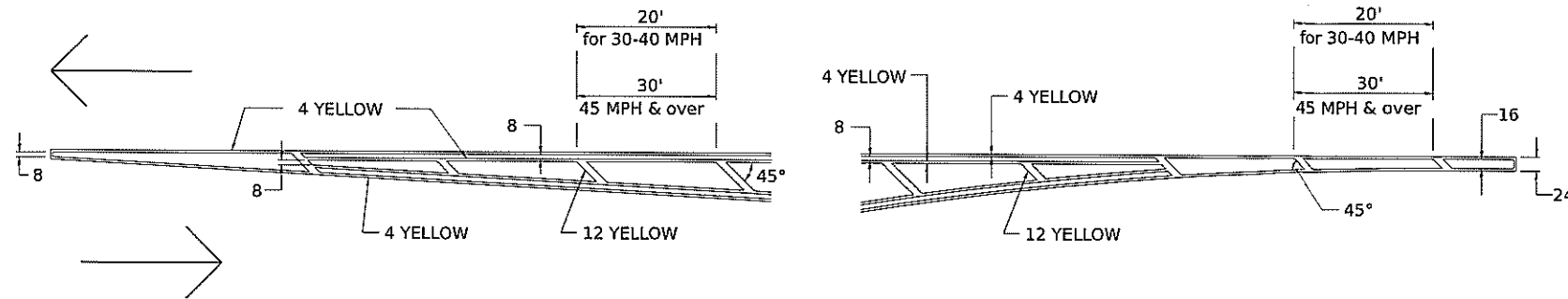
SUMMARY OF QUANTITIES

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

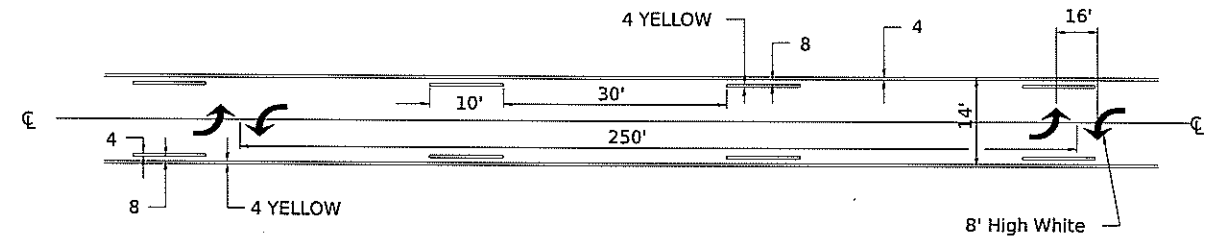
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR. D2	HT PVMNT MRK RPR 25-01	VARIOUS	5	5
CONTRACT NO. 46642				
ILLINOIS FED. AID PROJECT				

TYPICAL PAVEMENT MARKINGS

TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE

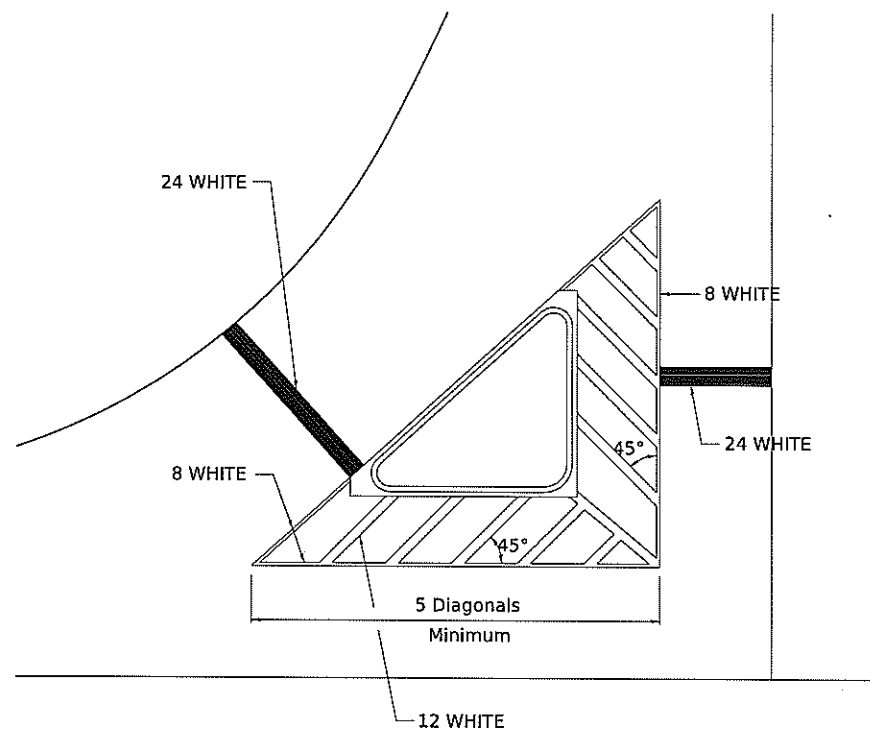


MEDIAN PAVEMENT MARKING



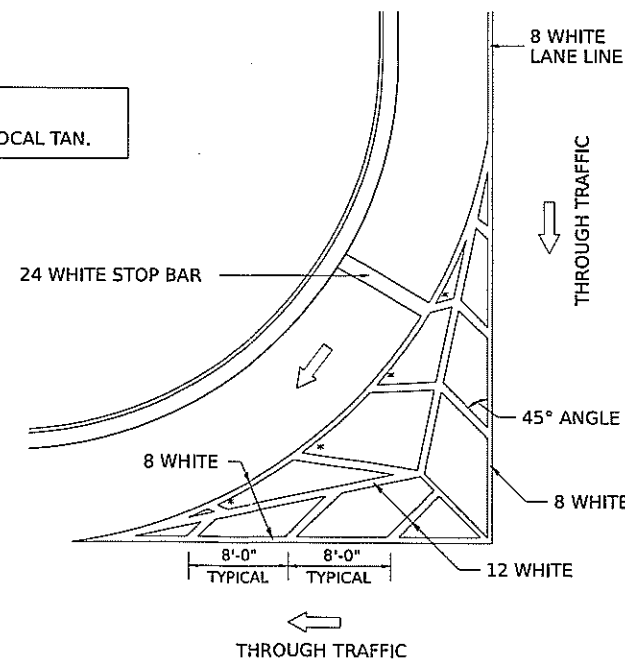
** ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

TYPICAL ISLAND OFFSET SHOULDER WIDTH



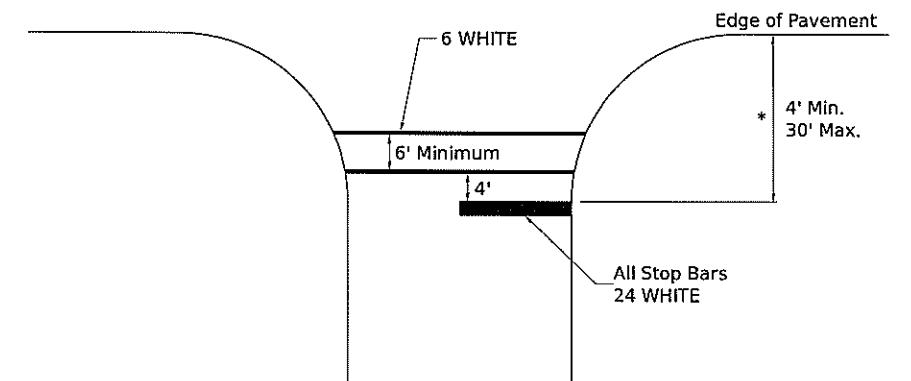
TYPICAL MARKING FOR PAINTED ISLANDS

NOTE:
* 45° TO LOCAL TAN.



STANDARD CROSSWALK MARKING

See Schedules for Locations



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

MODEL: 4111.dwg
FILE NAME: D:\0411 Standard
PLOT DATE: 9/20/2023

USER NAME	• IDOT/District 2	DESIGNED	-	REVISED	- 6-27-14
PLOT SCALE	= 0.083 1/16"	DRAWN	-	REVISED	- 3-05-12
PLOT DATE	= 9/20/2023	CHECKED	-	REVISED	-
		DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

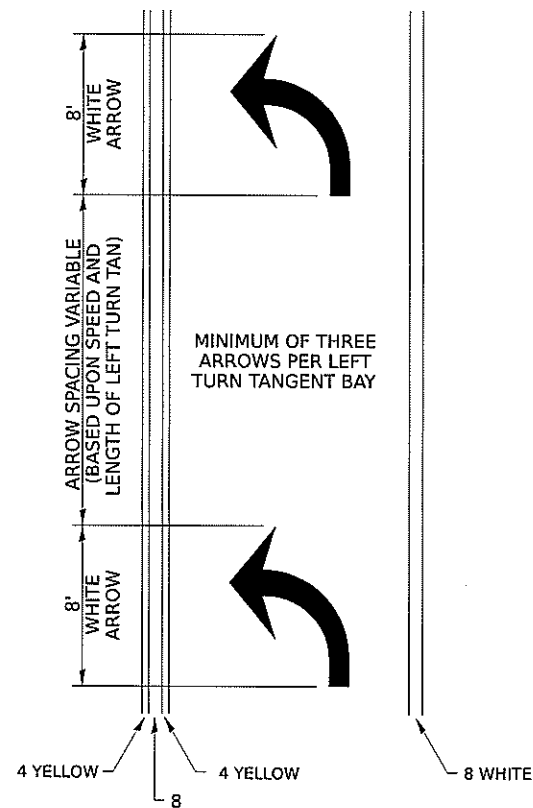
REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

TYPICAL PAVEMENT MARKINGS

ARROW LAYOUT

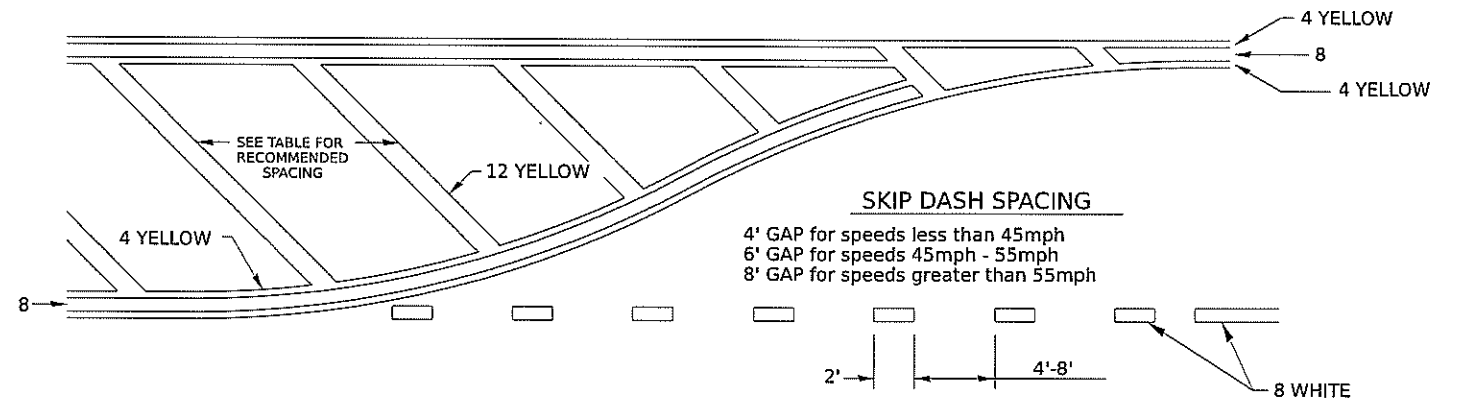


SYMBOLS

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

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

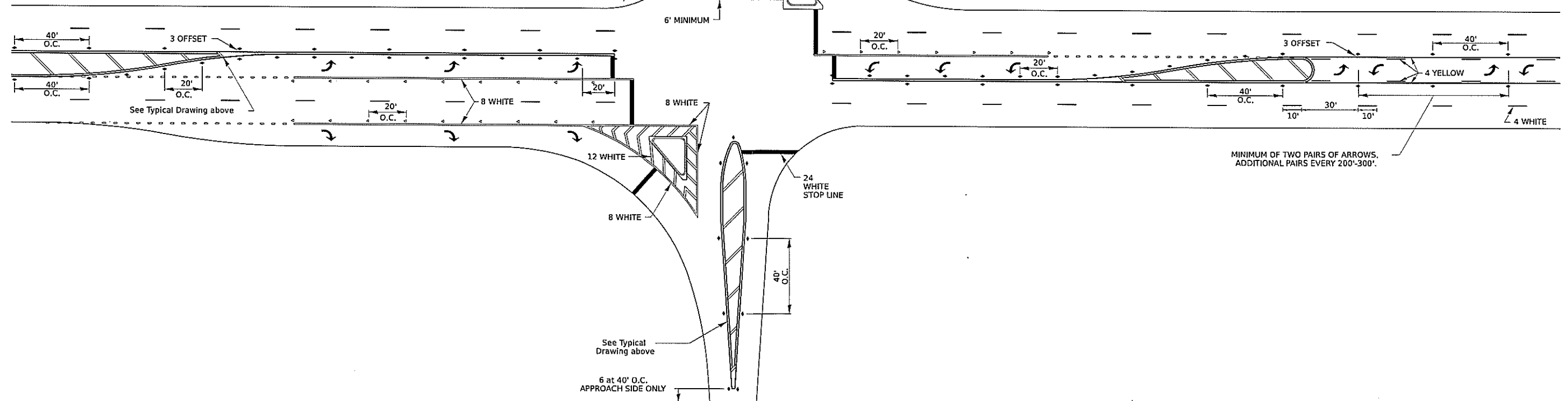
TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



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.



MODEL: 4111_04x12
 FILE NAME: District 2 Standard
 PLOT DATE: 9/20/2023

USER NAME = IDOT/District 2	DESIGNED -	REVISED - 6-27-14
	DRAWN -	REVISED - 3-05-12
PLOT SCALE = 0.083' / in.	CHECKED -	REVISED -
PLOT DATE = 9/20/2023	DATE -	REVISED -

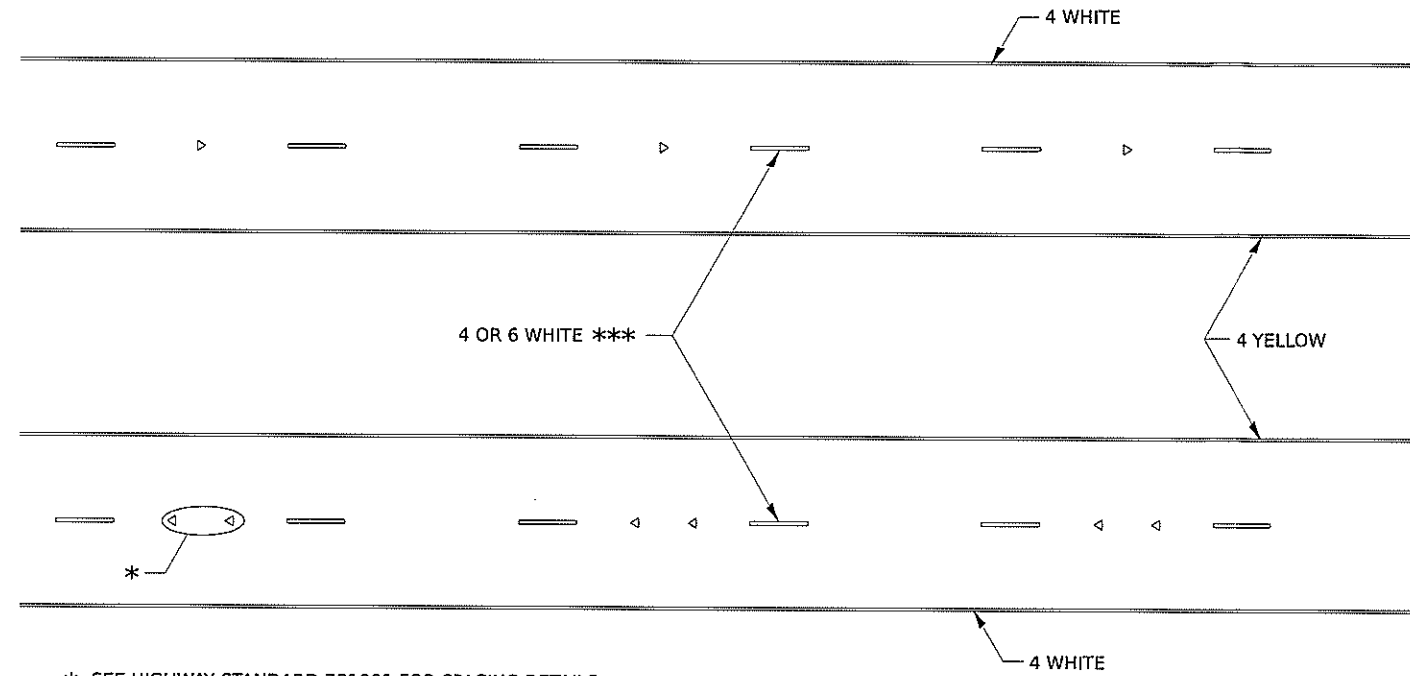
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET OF SHEETS STA. TO STA.

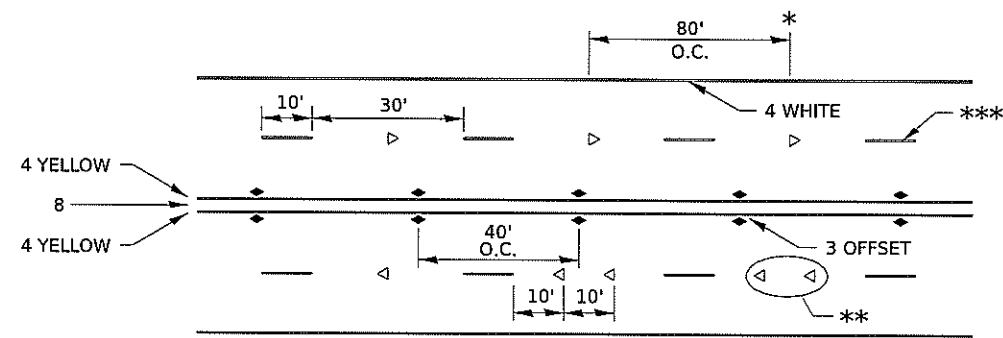
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

TYPICAL PAVEMENT MARKINGS



* 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.

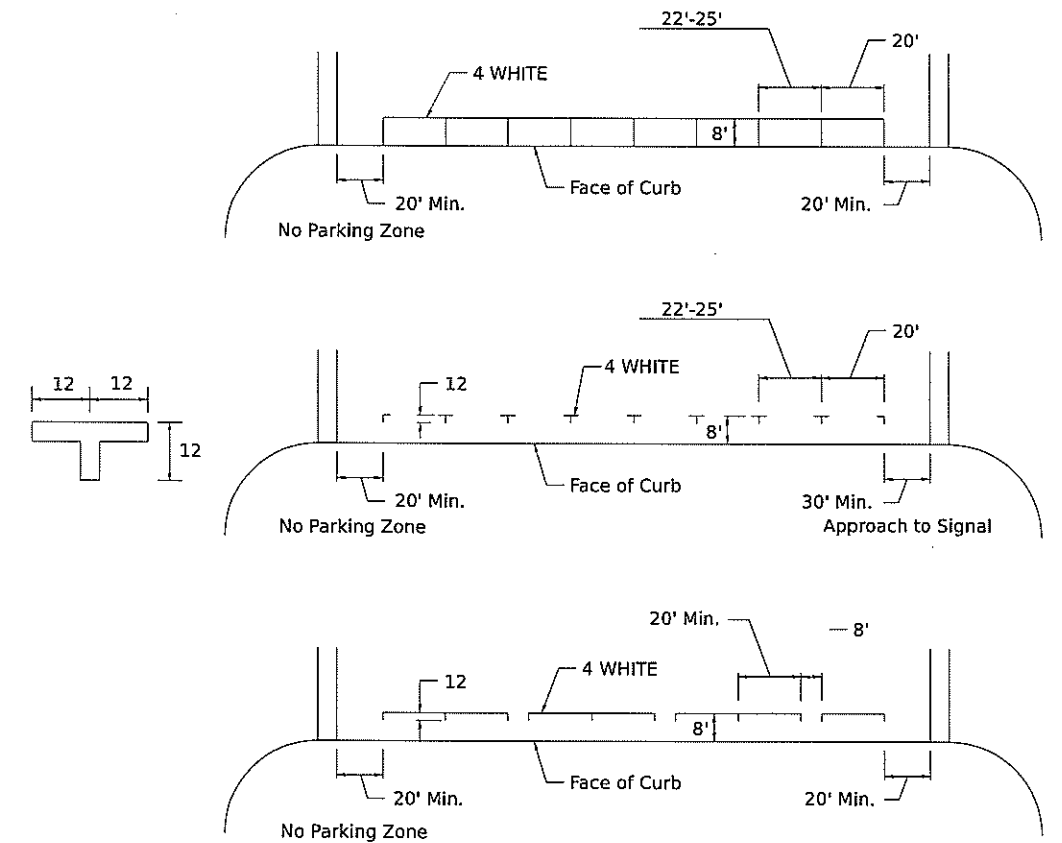
** USE DOUBLE MARKERS WHEN ADT ≥ 20,000

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

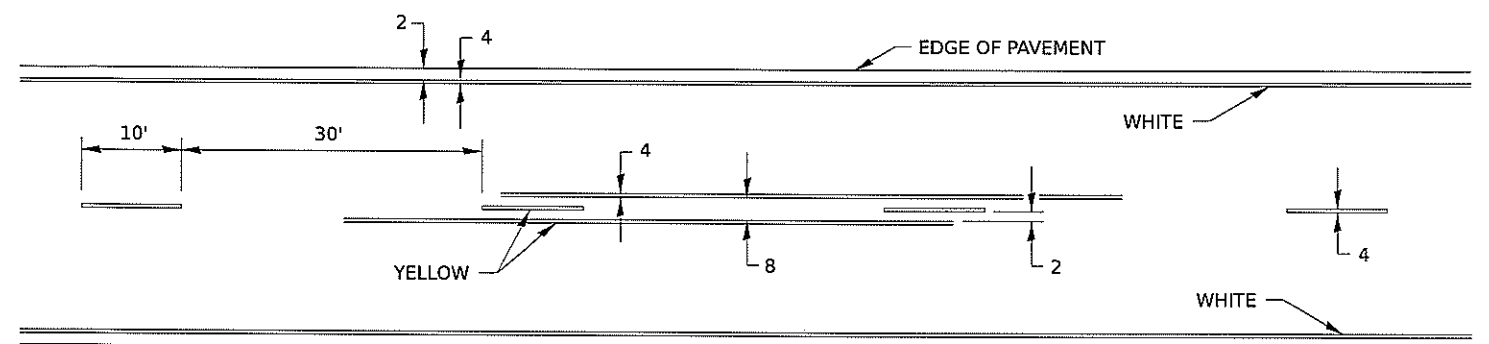
MULTI-LANE / UNDIVIDED & ONE WAY

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

TYPICAL PARKING SPACING



TYPICAL PAVEMENT MARKING FOR TWO LANE SECTION – NO PASSING ZONES



MODEL: 41.1 - 08.13
FILE NAME: District 2 Standard
PLOT DATE: 9/20/2023

USER NAME = IDOT/District 2	DESIGNED -	REVISED - 6-27-14
	DRAWN -	REVISED - 8-27-13
PLOT SCALE = 0.063" / in.	CHECKED -	REVISED - 11-28-12
PLOT DATE = 9/20/2023	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

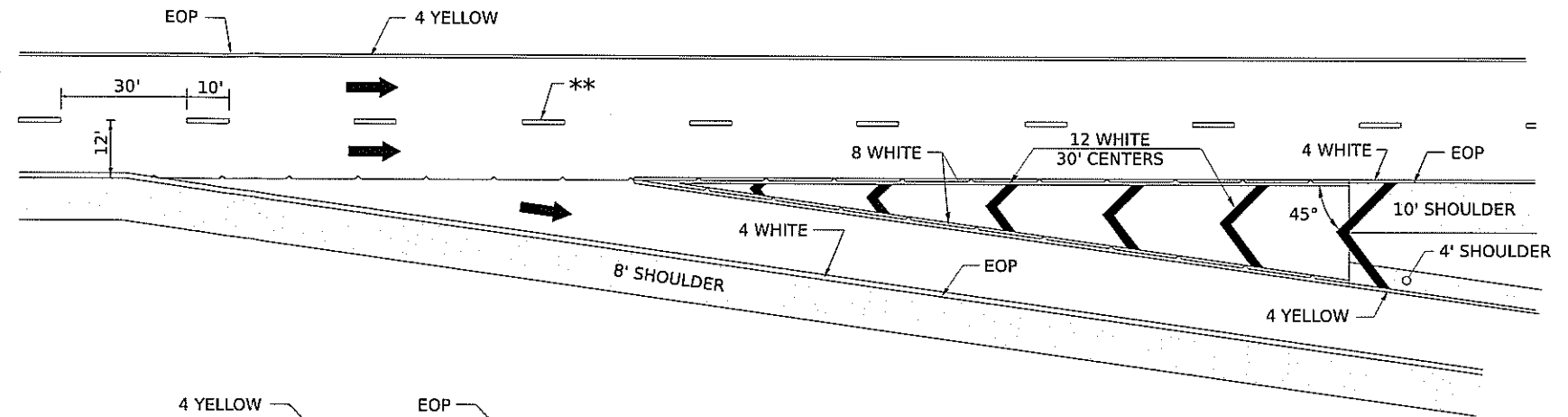
SCALE: SHEET OF SHEETS STA. TO STA.

TYPICAL PAVEMENT MARKINGS

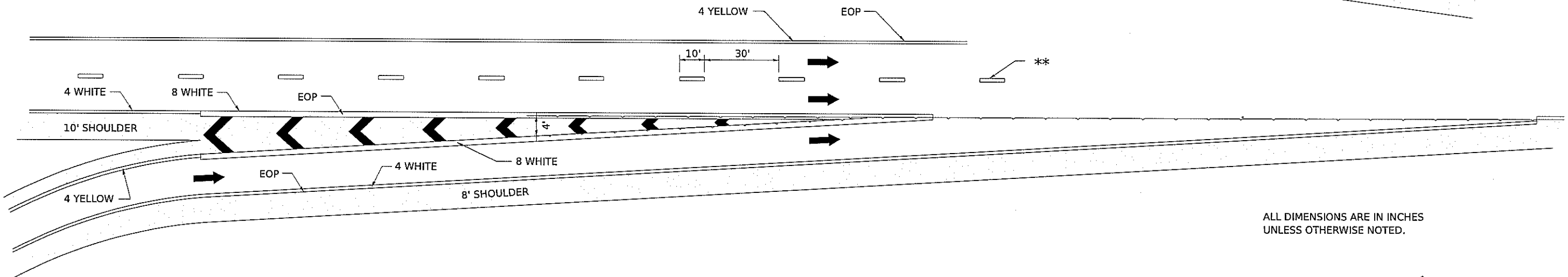
** 6" WHITE ON INTERSTATES, WHERE THE SPED LIMIT IS 65 MPH, OR WHEN DIRECTED BY THE ENGINEER.
4" WIDE AT ALL OTHER LOCATIONS.

NOTE: GORE HATCHING PLACED ONLY WHEN SCHEDULED IN THE PLANS

EXIT RAMP

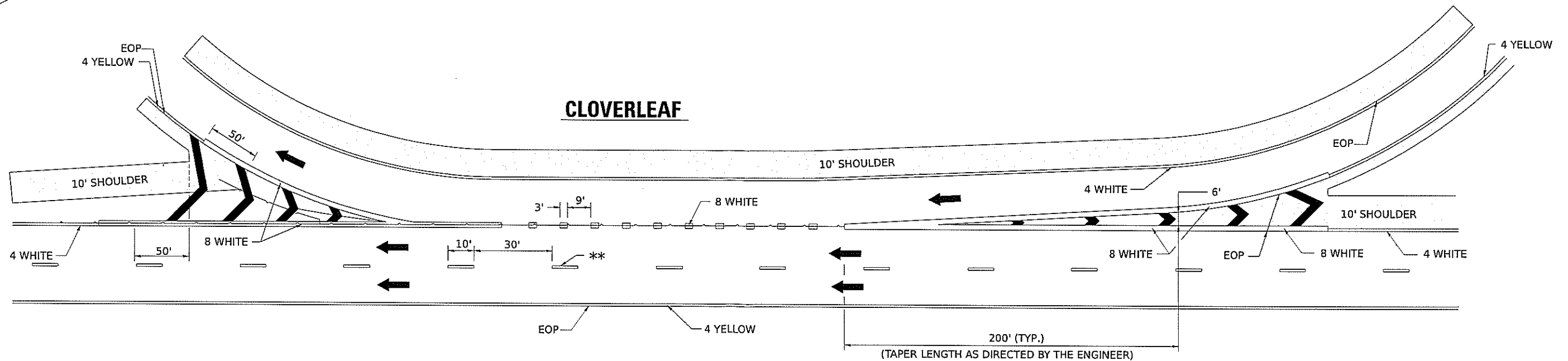


ENTRANCE RAMP



ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

CLOVERLEAF



MODEL: 4111.dwg
FILE NAME: D01R23 Standard
PLOT DATE: 9/20/2023

USER NAME = IDOT/District 2	DESIGNED -	REVISED - 9-15-23
PLOT SCALE = 0.083" / 1"	DRAWN -	REVISED - 8-27-13
PLOT DATE = 9/20/2023	CHECKED -	REVISED - 10-18-11
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				