

11-17-2023 LETTING ITEM 004

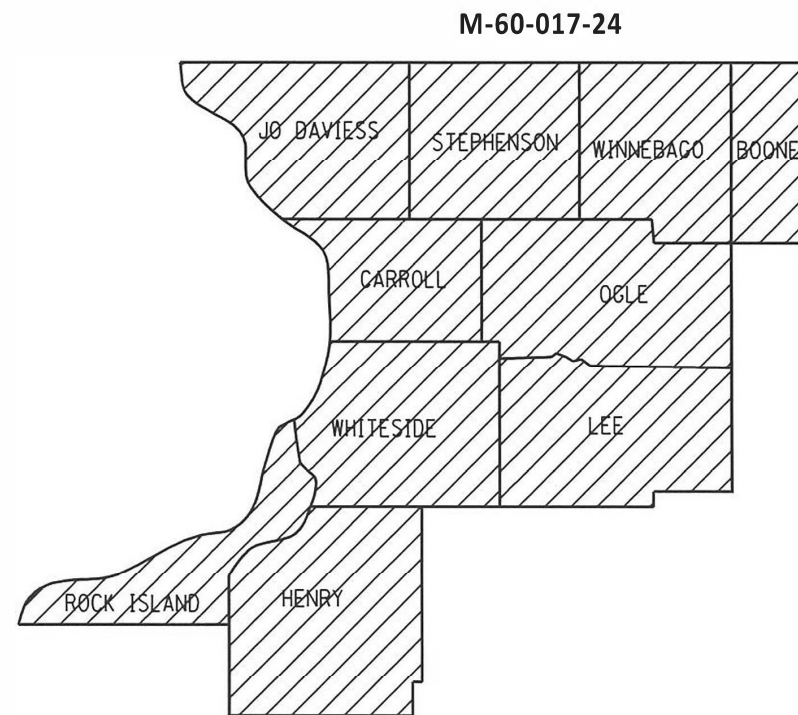
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR. D2 HT PVMNT MRK RPR 24-17		VARIOUS	7	.1.
ILLINOIS		CONTRACT NO. 46636		

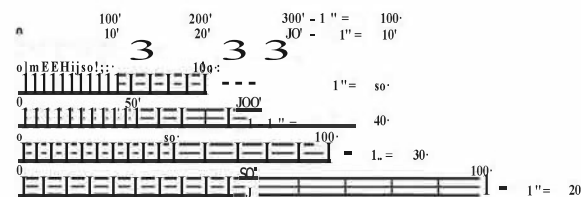
FOR INDEX OF SHEETS, SEE SHEET NO.2
FOR STATE STANDARDS, SEE SHEET NO.2
FOR GENERAL NOTES, SEE SHEET NO. 2

PROPOSED HIGHWAY PLANS

VARIOUS ROUTES
SECTION D2 HT PVMNT MRK RPR 24-17
HIGH TYPE PAVEMENT MARKING
VARIOUS COUNTIES



LOCATION OF SECTION INDICATED THUS: - E2ZJ



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. 46636

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED July 12th 2023
[Signature]
REGIONAL ENGINEER

October 13, 2023
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

October 13, 2023
[Signature]
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 SUMMARY OF QUANTITIES
- 4-6 TYPICAL PAVEMENT MARKINGS (41.1)
- 7 PAINTING DETAILS (44.1)

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
- 701901-08 TRAFFIC CONTROL DEVICES
- 701701-10 URBAN LANE CLOSURE, MULTI-LANE INTERSECTION
- 780001-05 TYPICAL PAVEMENT MARKINGS
- 701400-11 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701406-13 LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY

MODEL: D:\shp\2023\46636 - 2023 Preformed Plastic Striping Contract\Contract_Forms\Contract_Striping_Plan.dwg
 FILE NAME: D:\shp\2023\46636 - 2023 Preformed Plastic Striping Contract\Contract_Forms\Contract_Striping_Plan.dwg

USER NAME = Troy Ebenezer	DESIGNED - _____	REVISED - _____	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS & STATE STANDARDS		F.A. _____	SECTION _____	COUNTY _____	TOTAL SHEETS _____	SHEET NO. _____
PLOT SCALE = 102.9863" / in.	CHECKED - _____	REVISED - _____				VAR. D2 HT PVMNT MRK RPR 24-17	VARIOUS	2		
PLOT DATE = Jun-30-2023 03:58:30 PM	DATE - _____	REVISED - _____		SCALE: _____	SHEET _____ OF _____ SHEETS	STA. _____ TO STA. _____	ILLINOIS FED. AID PROJECT CONTRACT NO. 46636			

SUMMARY OF QUANTITIES

PAYCODE	ITEM DESCRIPTION	UNITS	0021	CONSTR. CODE
			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	100,000	100,000
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	50,000	50,000
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	50,000	50,000
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	25,000	25,000
78011000	GROOVING FOR RECESSED PVT MKG, LET & SYM	SQ FT	1,000	1,000
78011025	GROOVING FOR RECESSED PVT MK 5"	FOOT	100,000	100,000
78011030	GROOVING FOR RECESSED PVT MK 6"	FOOT	1,000	1,000
78011035	GROOVING FOR RECESSED PVT MK 7"	FOOT	50,000	50,000
78011040	GROOVING FOR RECESSED PVT MK 8"	FOOT	50,000	50,000
78011045	GROOVING FOR RECESSED PVT MK 9"	FOOT	50,000	50,000
78011050	GROOVING FOR RECESSED PVT MK 10"	FOOT	50,000	50,000
78011065	GROOVING FOR RECESSED PVT MK 13"	FOOT	25,000	25,000

MODEL Path: \\s:\stnmen\2023\46636 - 2023 Preformed Plastic Striping Contract Submittal\46636 Striping Plans.dgn
FILE NAME: P:\Stnmen\2023\46636 - 2023 Preformed Plastic Striping Contract Submittal\46636 Striping Plans.dgn

USER NAME = Troy Ebenezer	DESIGNED - _____	REVISED - _____
	DRAWN - _____	REVISED - _____
PLOT SCALE = 1/32" = 1' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = Jul-07-2023 11:09:12 AM	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

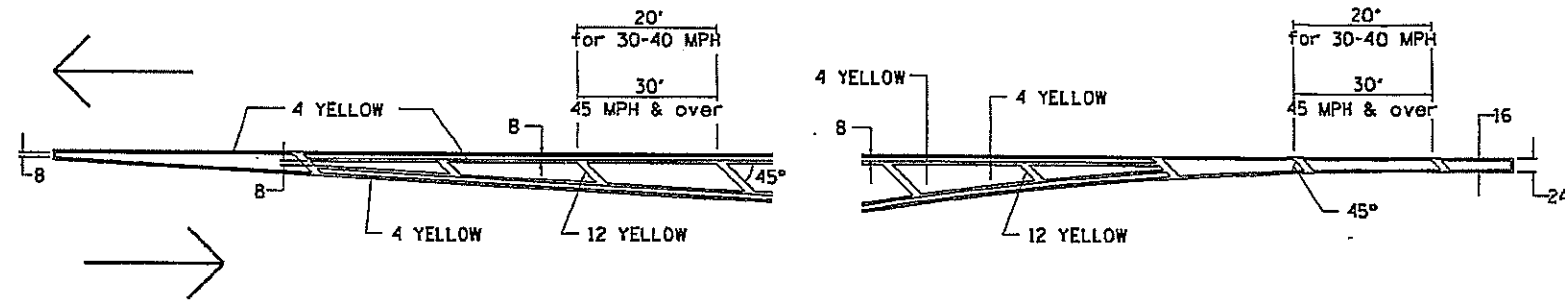
SUMMARY OF QUANTITIES

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

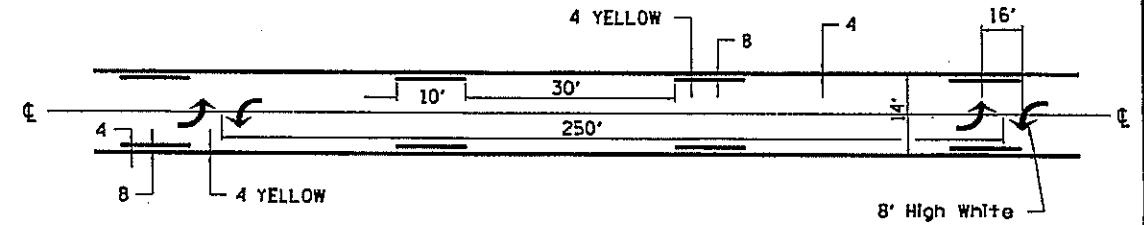
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	D2 HT PVMNT MKK RPR 24-17	VARIOUS	3	3
CONTRACT NO. 46636			ILLINOIS FED. AID PROJECT	

TYPICAL PAVEMENT MARKINGS

TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE

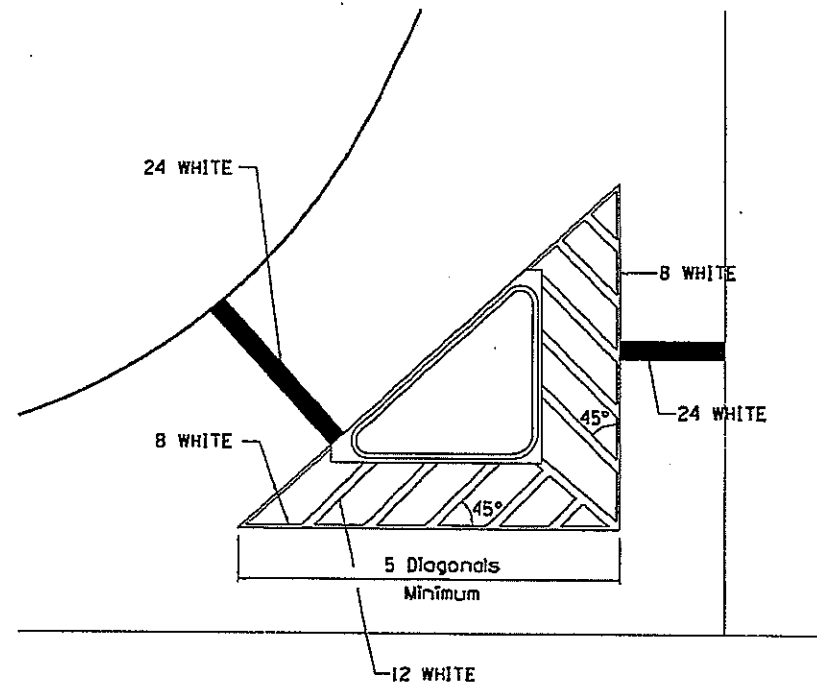


MEDIAN PAVEMENT MARKING



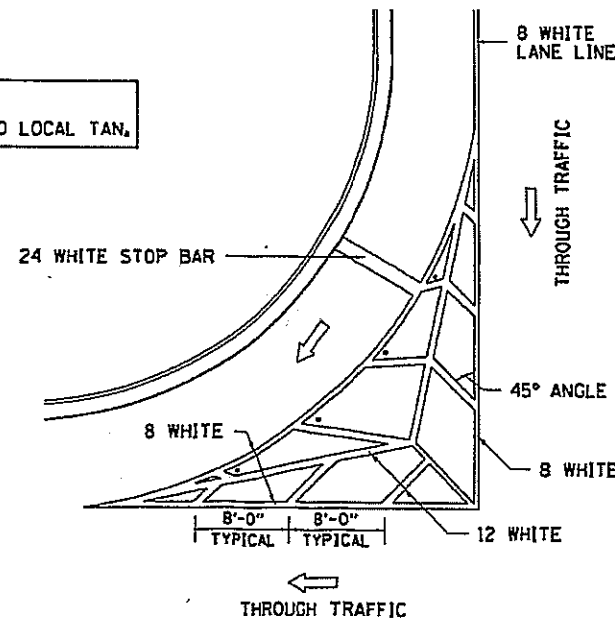
•• ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

TYPICAL ISLAND OFFSET SHOULDER WIDTH



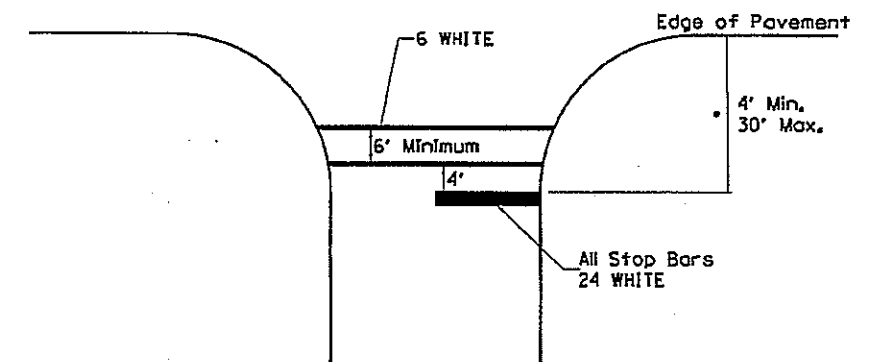
TYPICAL MARKING FOR PAINTED ISLANDS

NOTE:
* 45° TO LOCAL TAN.



STANDARD CROSSWALK MARKING

See Schedules for Locations

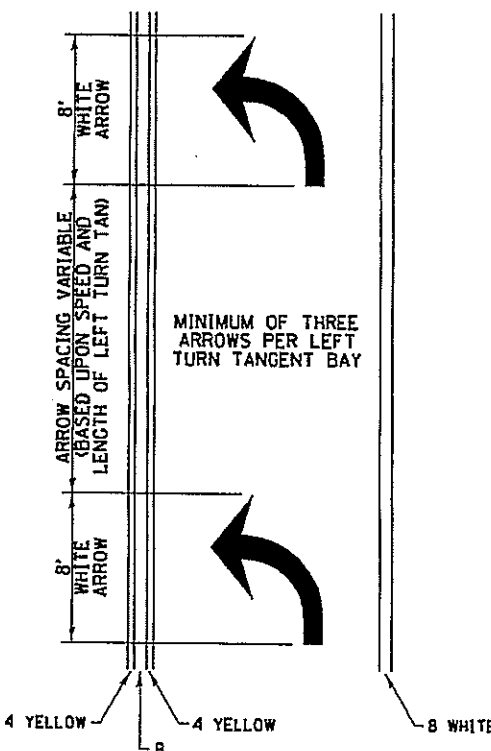


• Distance to the nearest edge of the intersecting roadway in the absence of a marked crosswalk.

FILE NAME * District 2 Standard	USER NAME * 1001/District 2	DESIGNED - DRAWN -	REVISED - REVISED -	6-27-14 3-05-12	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLT SCALE * 3/8" = 1'	CHECKED -	REVISED -			SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	CONTRACT NO.		
	PLT DATE * 4/17/2013	DATE -	REVISED -			FED. ROAD DIST. NO. (ILLINOIS) FED. AID PROJECT								
TYPICAL PAVEMENT MARKINGS SHEET 1 OF 3 41.1														

TYPICAL PAVEMENT MARKINGS

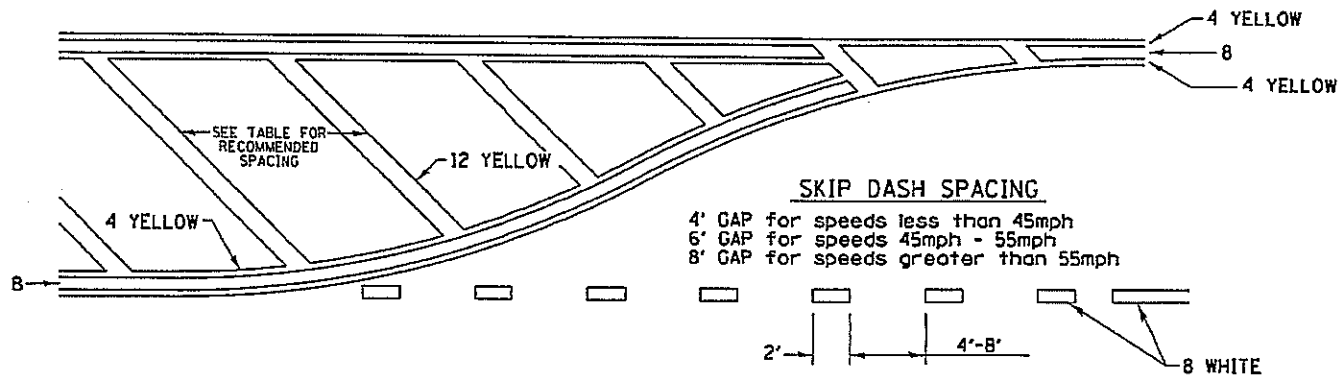
ARROW LAYOUT



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

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

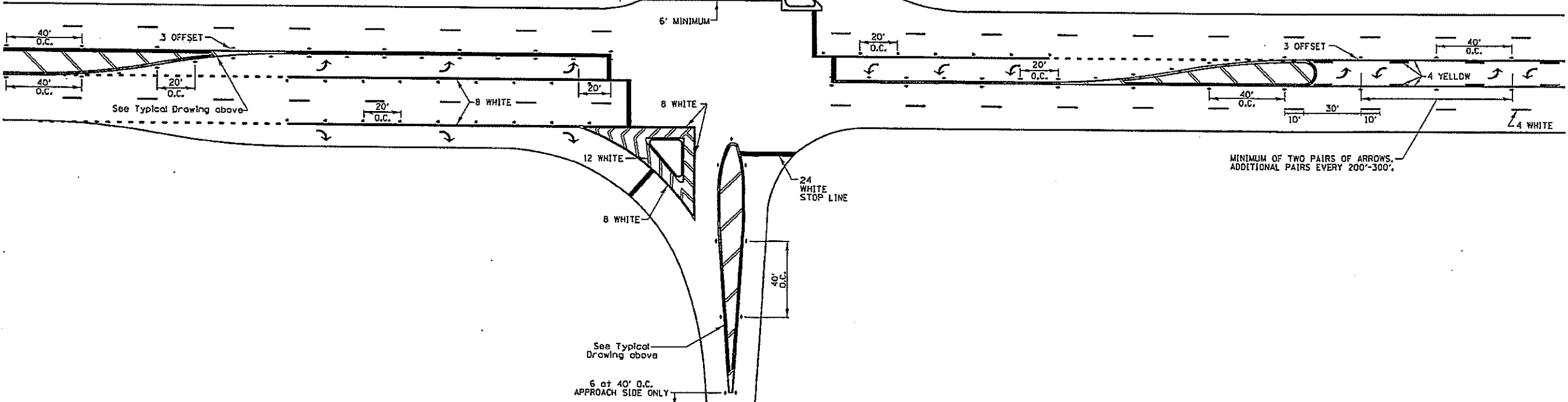
TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



RECOMMENDED SPACING BETWEEN DIAGONALS (IN FEET)

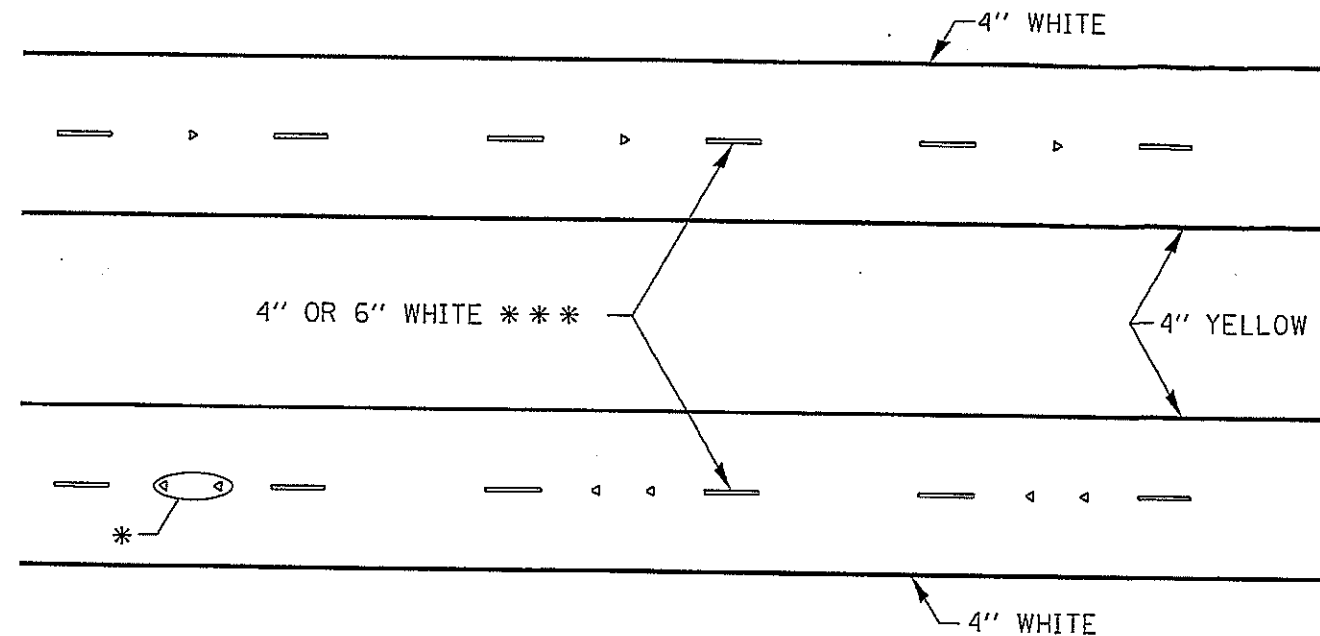
Speed Limit Range	Continuous Median Area	Intersection Channelization	Objects (Islands)
less than 30MPH	50'	15'	10'
30-40MPH	75'	20'	15'
45MPH & over	75'	30'	20'

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.



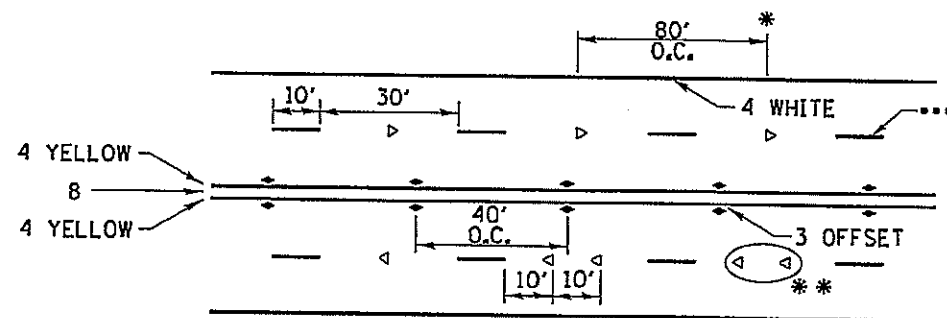
FILE NAME District 2 Standard	USER NAME IDOT/District 2	DESIGNED -	REVISIONS - 6-27-14 - 3-05-12	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE 3/8" = 1'	DRAWN -	REVISIONS -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	CONTRACT NO.
	PLOT DATE 4/17/2019	CHECKED -	REVISIONS -									

TYPICAL PAVEMENT MARKINGS



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

MULTI-LANE / DIVIDED

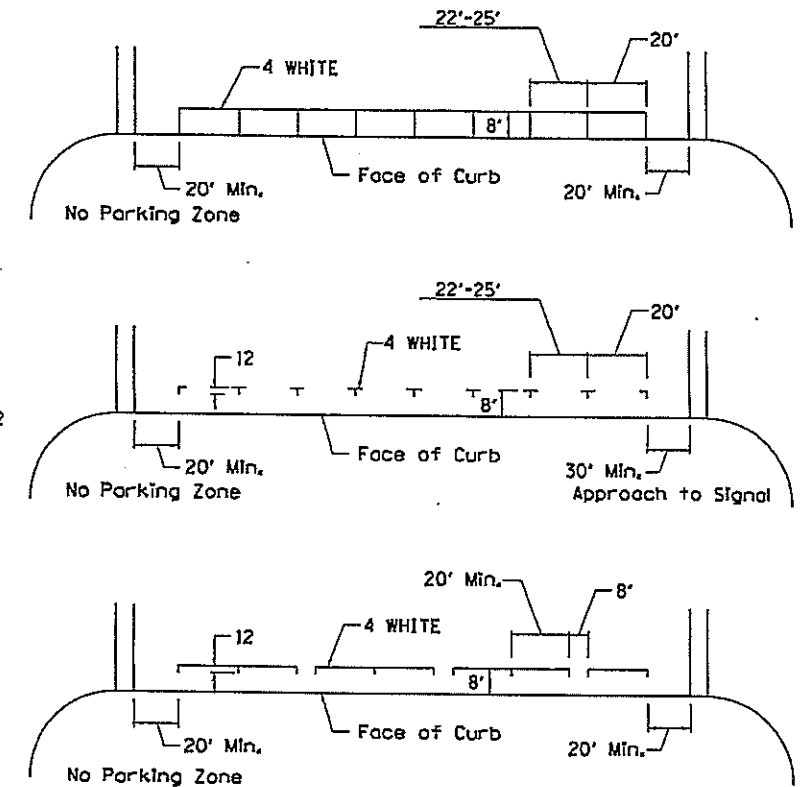


- REDUCE TO 40' O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH LOWER THAN POSTED SPEEDS.
- USE DOUBLE MARKERS WHEN ADT ≥ 20,000
- CENTERLINE SKIP DASH PAVEMENT MARKING SPEED LIMIT LESS THAN 40 MPH USE 4" LINE. SPEED LIMIT 40 MPH AND OVER USE 6" LINE.

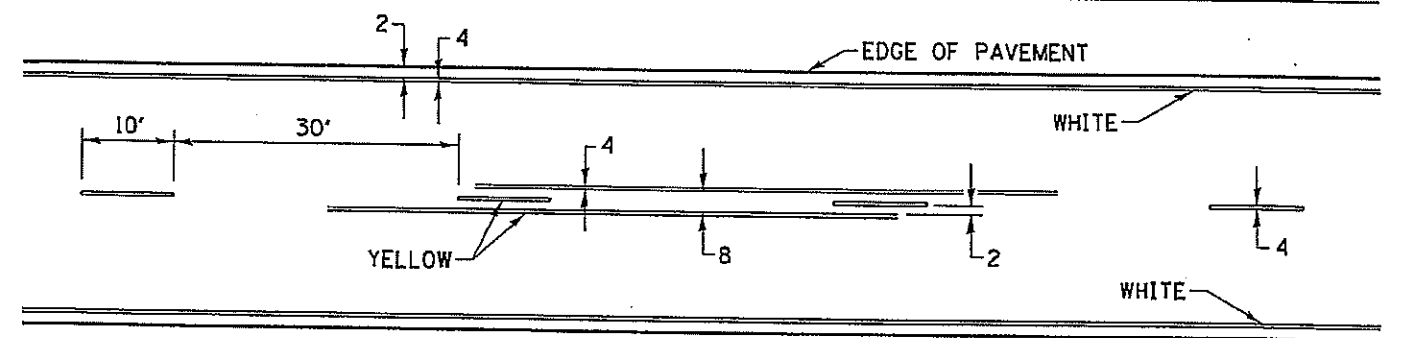
MULTI-LANE / UNDIVIDED & ONE WAY

(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



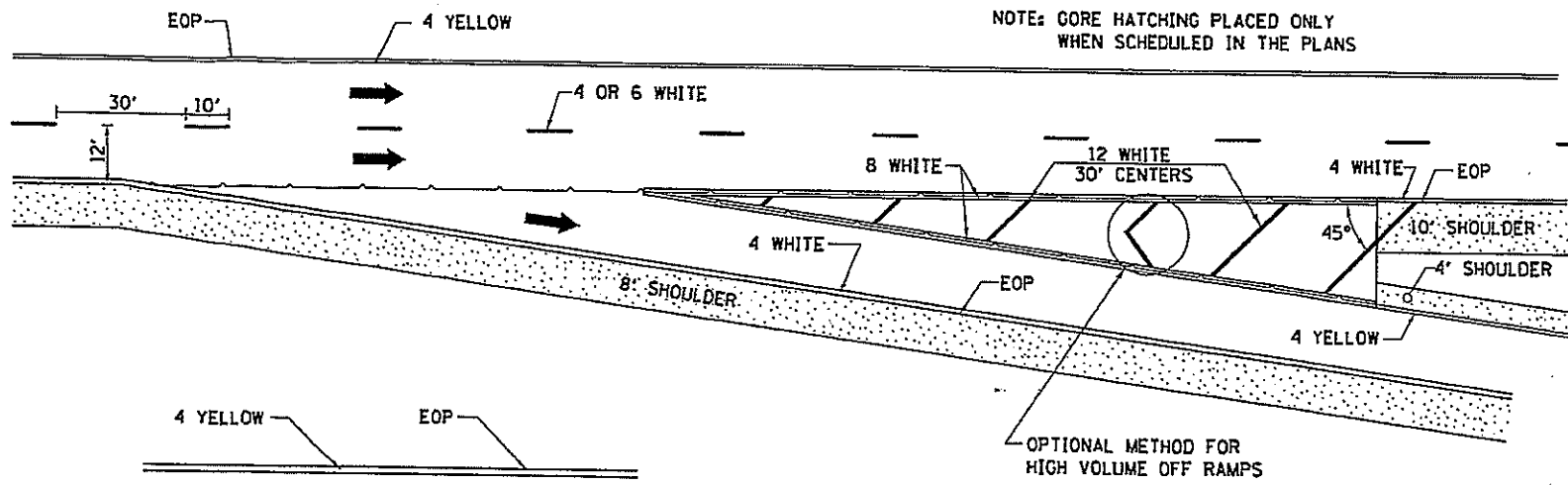
SYMBOLS

FILE NAME District 2 Standard	USER NAME IDOT/District 2	DESIGNED -	REVISOR -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISOR -							
		CHECKED -	REVISOR -							
		DATE -	REVISOR -							

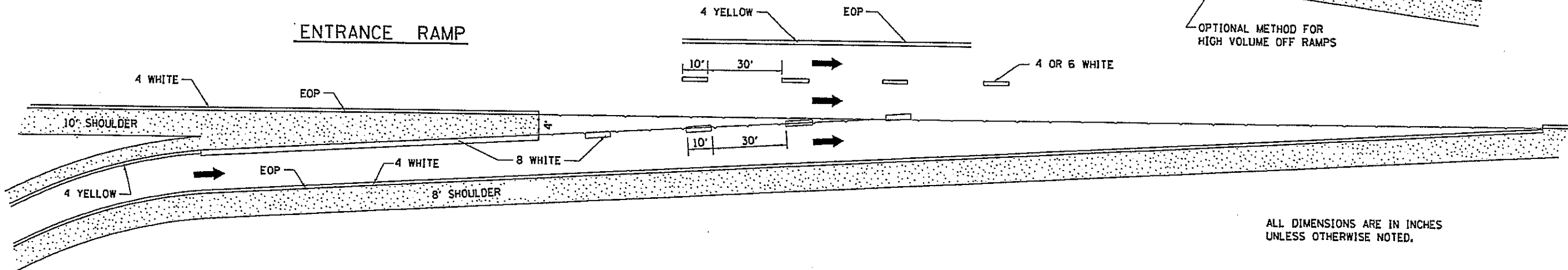
PAINTING DETAILS

CENTERLINE SKIP DASH PAVEMENT MARKING WIDTH SHALL BE 4" WHEN THE POSTED SPEED LIMIT IS UNDER 40 MPH AND 6" WHEN THE POSTED SPEED LIMIT IS 40 MPH AND OVER.

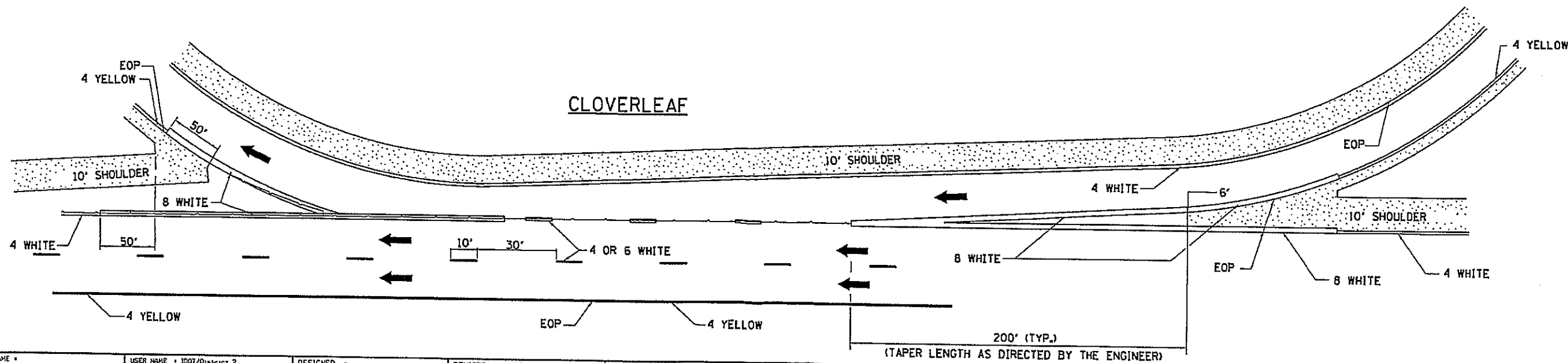
EXIT RAMP



ENTRANCE RAMP



CLOVERLEAF



FILE NAME District 2 Standard	USER NAME 1007/District 2	DESIGNED -	REVISED - 8-27-13	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE 3/8" = 1' ±	DRAWN -	REVISED - 10-18-11							
	PLOT DATE 4/17/2019	CHECKED -	REVISED -							
		DATE -	REVISED -							
						SCALE:		SHEET NO. OF SHEETS		STA. TO STA.
						FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		CONTRACT NO.