

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

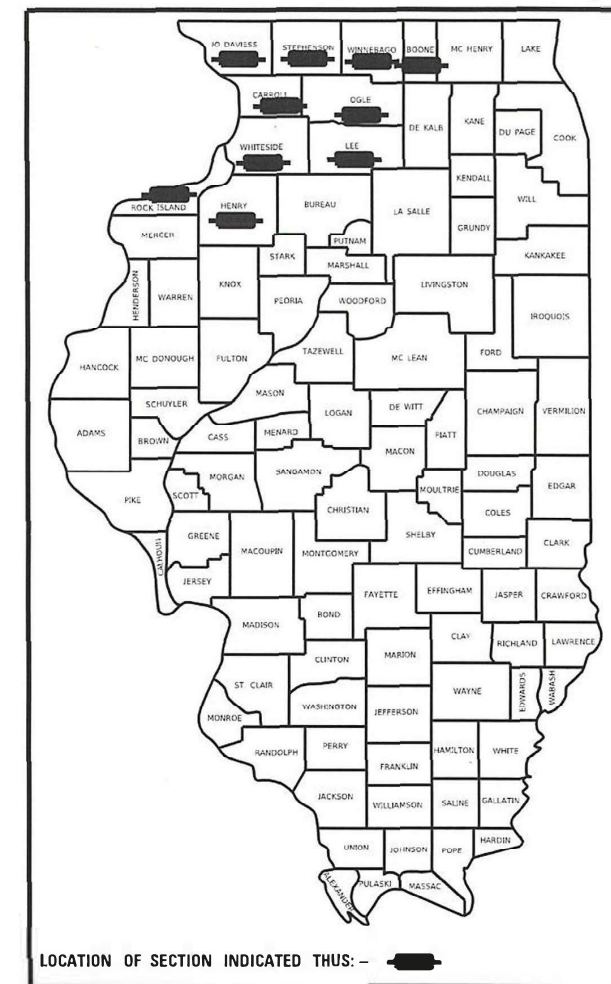
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR. D2 HT PVMNT MRK RPR 24-02		ILLINOIS	7	1
			CONTRACT NO. 46612	

D-2

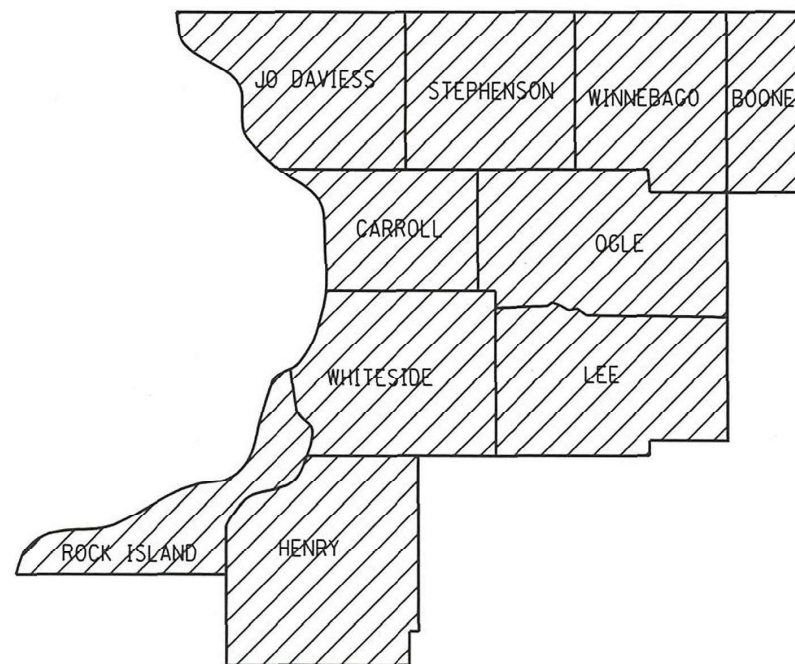
FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR STATE STANDARDS, SEE SHEET NO. 2

PROPOSED
HIGHWAY PLANS

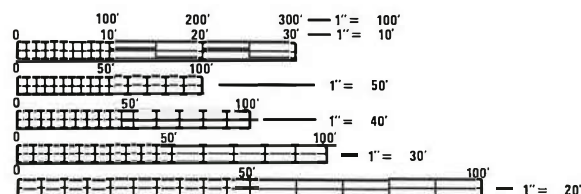
VARIOUS ROUTES
SECTION D2 HT PVMNT MRK RPR 24-02
HIGH TYPE PAVEMENT MARKING
VARIOUS COUNTIES



M-60-002-24



LOCATION OF SECTION INDICATED THUS: - [Hatched Box]



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. 46612

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED November 16, 2022
[Signature]
REGIONAL ENGINEER

February 3, 2023
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

February 3, 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: Pathwork
 FILE: I:\Users\J. Schmitt\OneDrive\Work\2024\Stinson\Contract\Ernst\Contract_Summary.dwg

USER NAME = Troy Ebenezer	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS & STATE STANDARDS	F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE = 102 9963 ' / in.	DRAWN -	REVISED -			VAR	D2 HT PVMNT MRK RPR 24-04	VARIOUS		2	
PLOT DATE = Nov-15-2022 08 15 45 AM	CHECKED -	REVISED -			CONTRACT NO. 46612					
DATE -	REVISED -	ILLINOIS FED. AID PROJECT								
			SCALE: _____ SHEET ____ OF ____ SHEETS		STA. _____ TO STA. _____					

SUMMARY OF QUANTITIES

PAYCODE	ITEM DESCRIPTION	UNITS	CONSTR. CODE 0021	
			TOTAL QUANTITY	PAVEMENT MARKING 100% STATE
78300201	PAVT MRKG REM GRIND	SQ FT	600,000	600,000
Z0008758	AERIAL SPEED CHK MK	FOOT	250	250
78000100	THPL PVT MK LTR & SYM	SQ FT	400	400
78000200	THPL PVT MK LINE 4	FOOT	25,000	25,000
78000400	THPL PVT MK LINE 6	FOOT	200	200
78000500	THPL PVT MK LINE 8	FOOT	1,500	1,500
78000600	THPL PVT MK LINE 12	FOOT	1,500	1,500
78000650	THPL PVT MK LINE 24	FOOT	250	250
78009000	MOD URETH PM LTR-SYM	SQ FT	20,000	20,000
78009004	MOD URETH PM LINE 4	FOOT	1,500,000	1,500,000
78009006	MOD URETH PM LINE 6	FOOT	80,000	80,000
78009008	MOD URETH PM LINE 8	FOOT	80,000	80,000
78009012	MOD URETH PM LINE 12	FOOT	45,000	45,000
78009024	MOD URETH PM LINE 24	FOOT	10,500	10,500

MODEL: Q:\PWR FILE NAME: D:\Stratman\2023\04\01\2024_Stripplan_Contract\Contract_Ferms\Contract_Submittals\46612_Mileage_plans.dgn

USER NAME = Troy Ebenezer	DESIGNED - _____	REVISED - _____
PLOT SCALE = 1/2" = 100'	DRAWN - _____	REVISED - _____
PLOT DATE = Nov-15-2022 08:16:00 AM	CHECKED - _____	REVISED - _____
	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

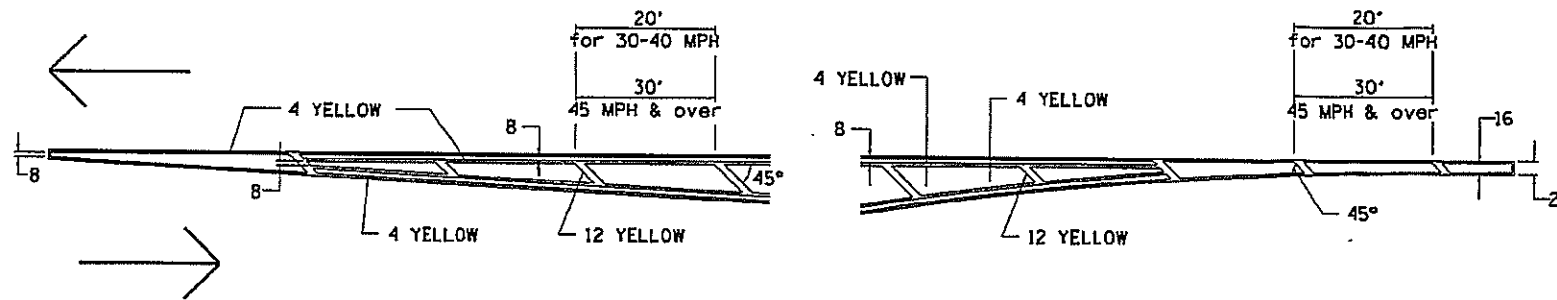
SUMMARY OF QUANTITIES

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

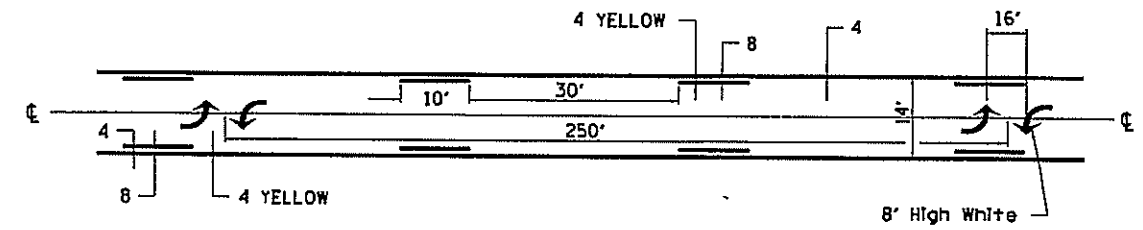
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR. D2 HT PAVMT MRK RPR 24-02		VARIOUS	3	3
CONTRACT NO. 46612			ILLINOIS FED. AID PROJECT	

TYPICAL PAVEMENT MARKINGS

TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE

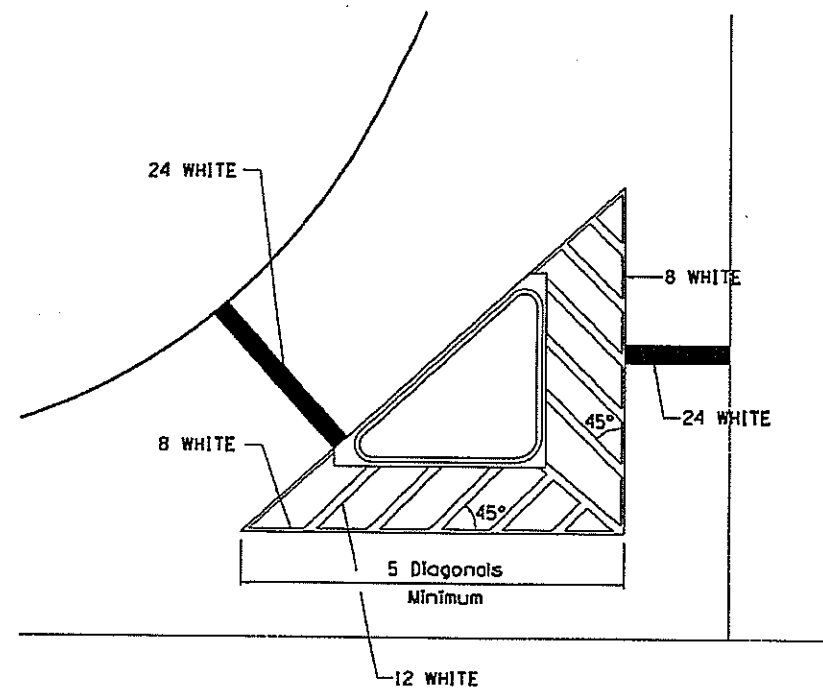


MEDIAN PAVEMENT MARKING



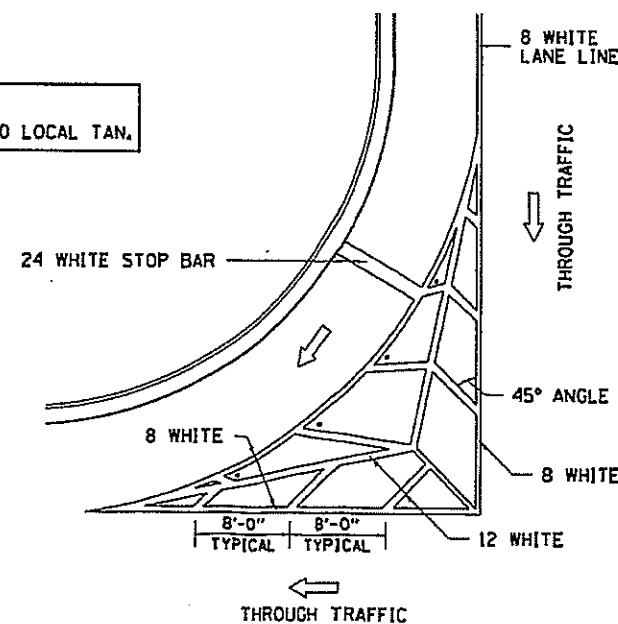
•• ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

TYPICAL ISLAND OFFSET SHOULDER WIDTH



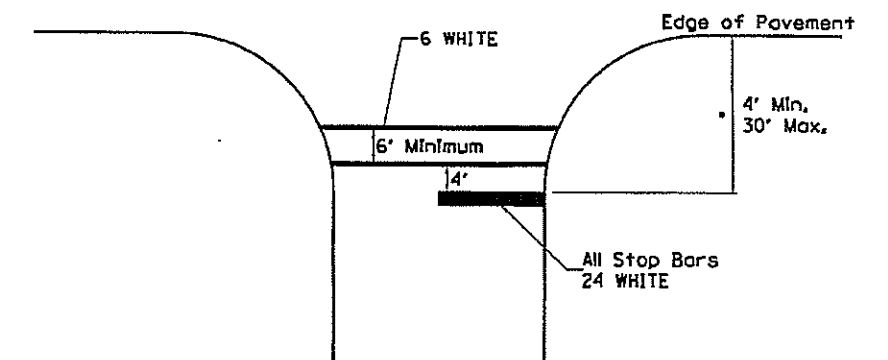
TYPICAL MARKING FOR PAINTED ISLANDS

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 IDD1/District 2	DESIGNED -	REVISED 6-27-14
		DRAWN -	REVISED 3-05-12
	PLOT SCALE 3/8" = 1'	CHECKED -	REVISED -
	PLOT DATE 4/17/2019	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

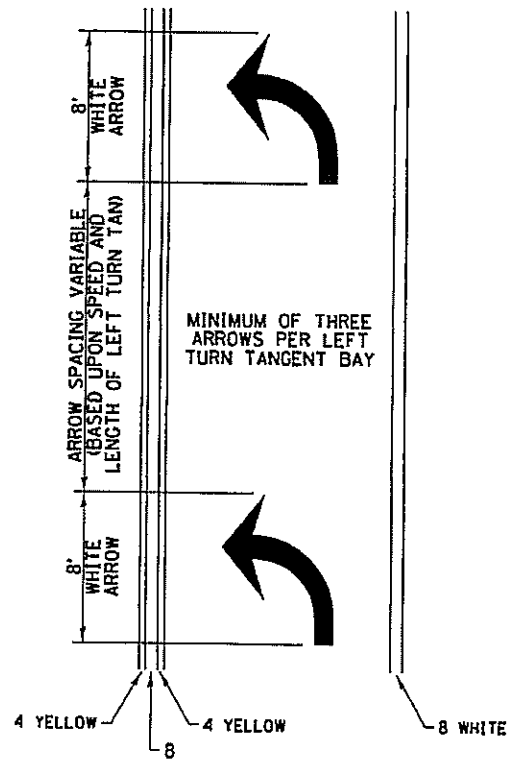
REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET NO. OF SHEETS STA. TO STA.

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

TYPICAL PAVEMENT MARKINGS

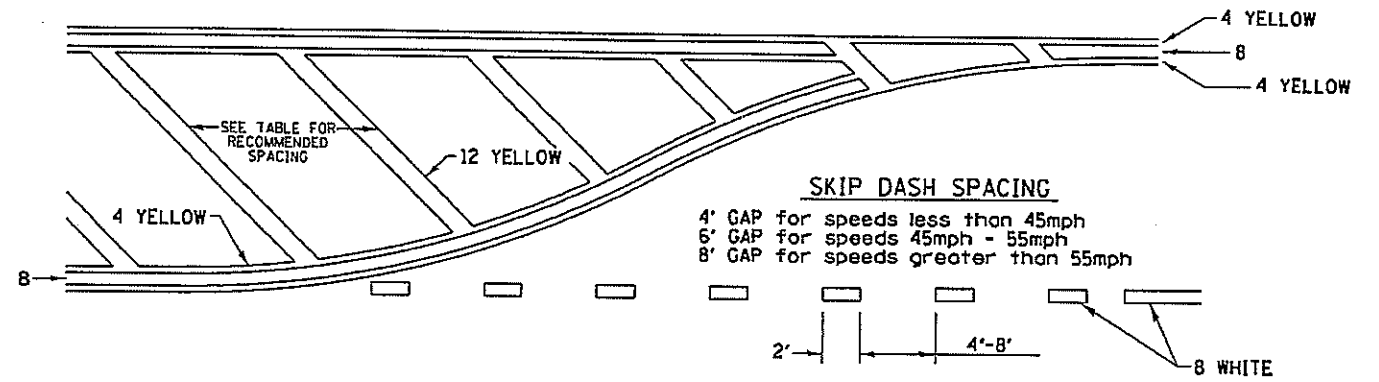
ARROW LAYOUT



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

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

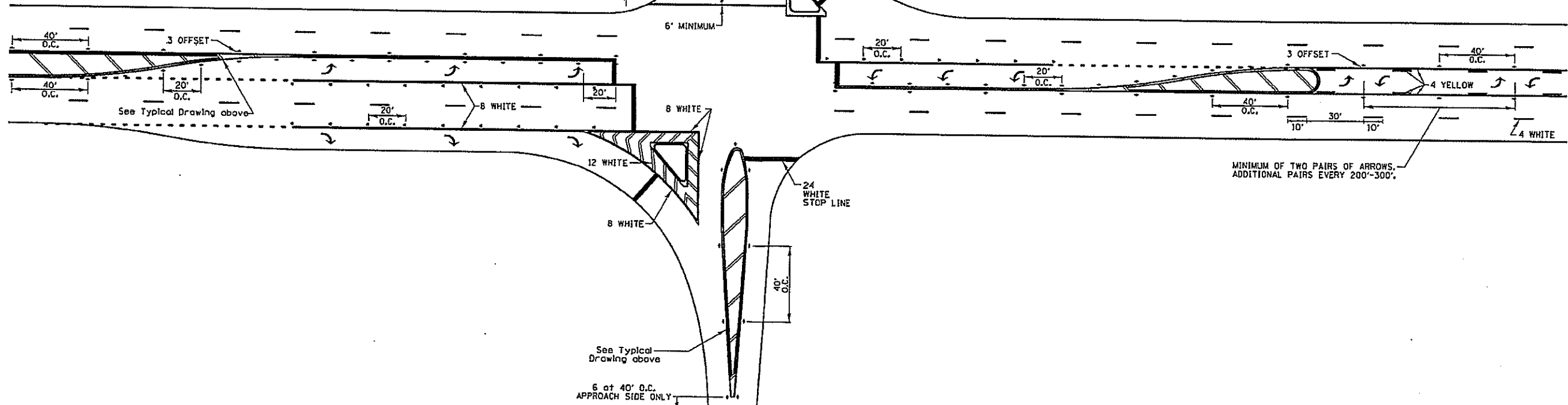
TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



RECOMMENDED SPACING BETWEEN DIAGONALS (IN FEET)

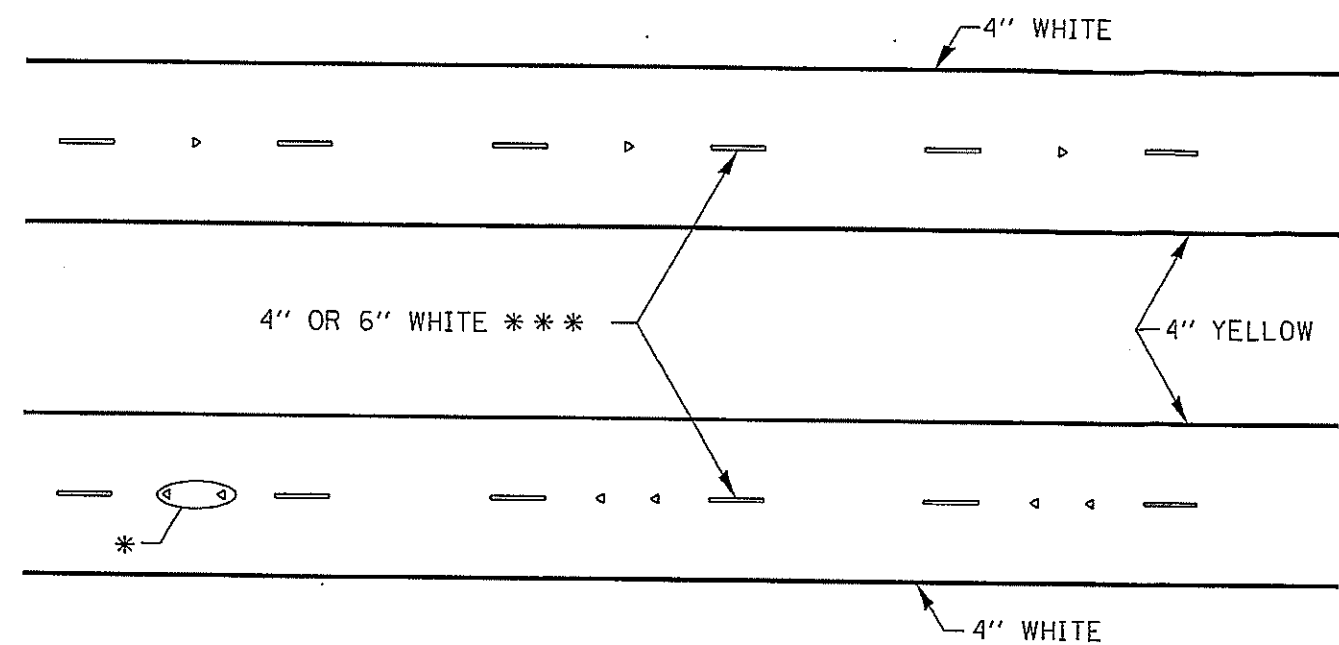
Speed Limit Range	Continuous Median Area	Intersection Channelization	Objects (Islands)
less than 30MPH	50'	15'	10'
30-40MPH	75'	20'	15'
45MPH & over	75'	30'	20'

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.



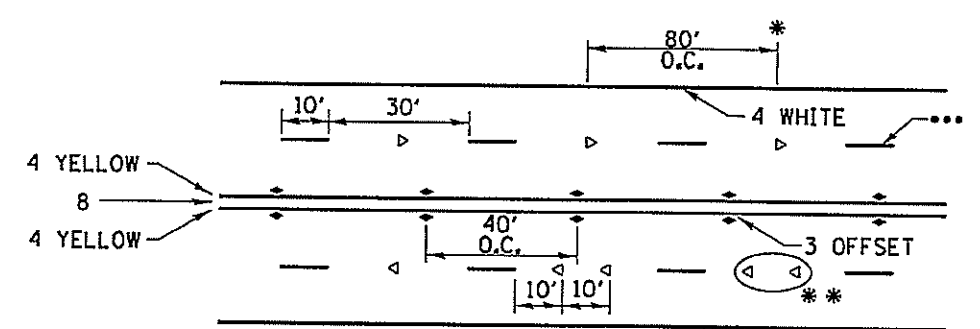
FILE NAME District 2 Standard	USER NAME J001/District 2	DESIGNED -	REVISED 6-27-14	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE 3/8" = 1'	DRAWN -	REVISED 3-05-12			SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
	PLOT DATE 4/17/2014	CHECKED -	REVISED -			CONTRACT NO.					
FED. ROAD DIST. 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



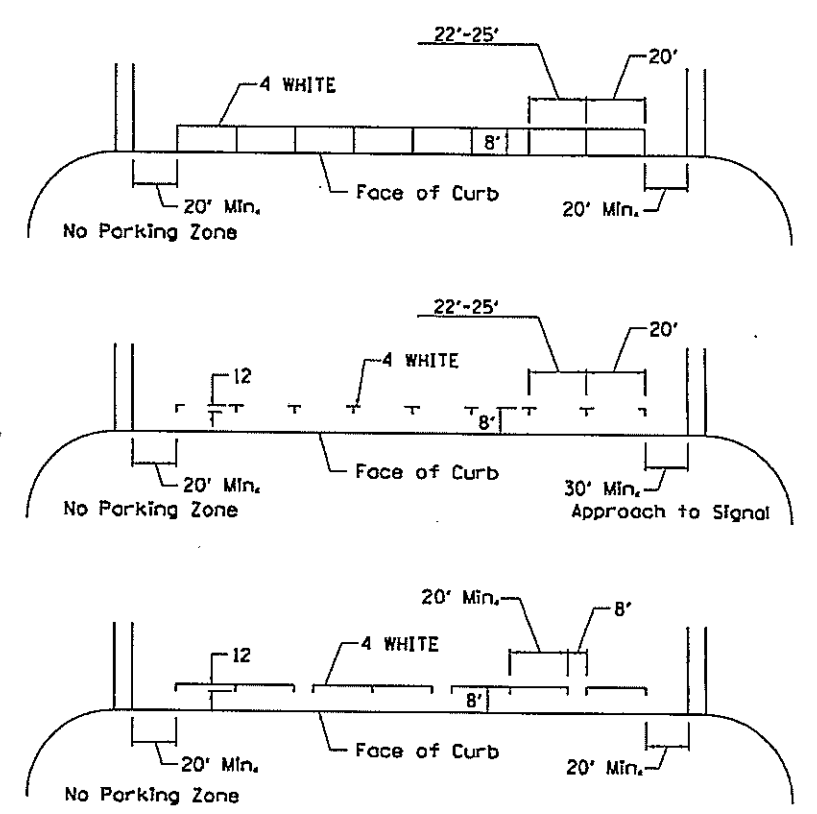
SYMBOLS

- 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.

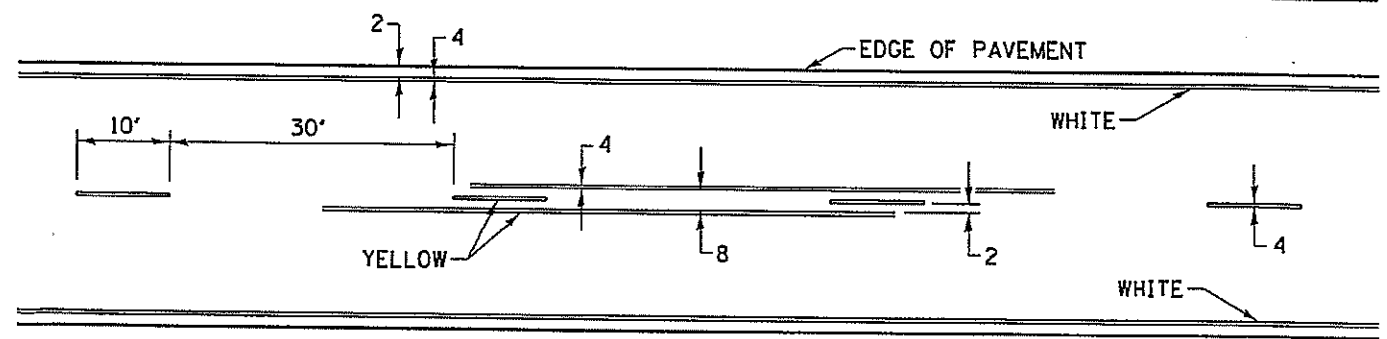
MULTI-LANE / UNDIVIDED & ONE WAY

(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

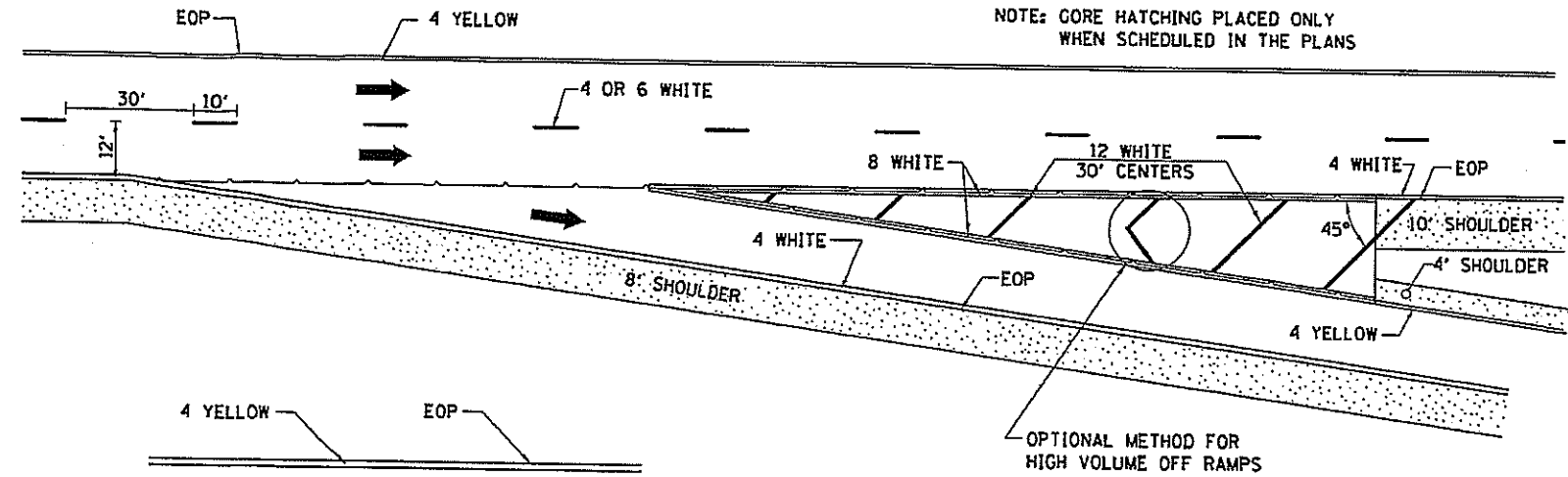


FILE NAME District 2 Standard	USER NAME IDOT/District 2	DESIGNED -	REVISED 6-27-14	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
	PLOT SCALE 3/8" = 1'	DRAWN -	REVISED 8-27-13			SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	CONTRACT NO.
	PLOT DATE 4/17/2019	CHECKED -	REVISED 11-28-12			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT						
		DATE -	REVISED -			TYPICAL PAVEMENT MARKINGS SHEET 3 OF 3 41.1						

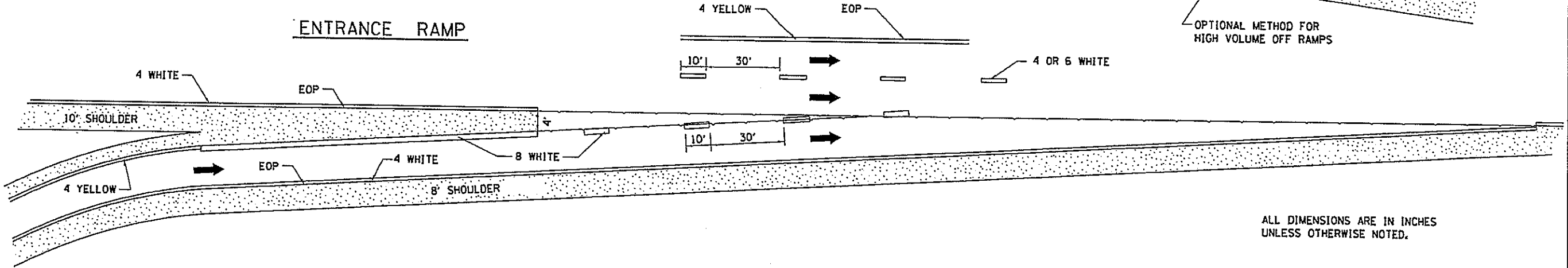
PAINTING DETAILS

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.

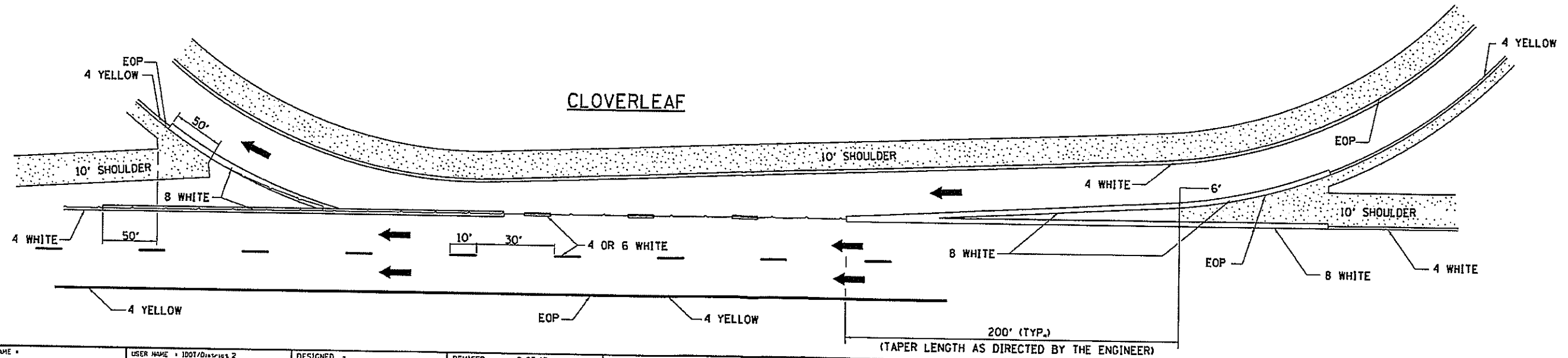
EXIT RAMP



ENTRANCE RAMP



CLOVERLEAF



FILE NAME District 2 Standard	USER NAME 1007/District 2	DESIGNED -	REVISED - 8-27-13
	PLT SCALE = 3/8" = 1' / in.	DRAWN -	REVISED - 10-18-11
	PLT DATE = 4/17/2014	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FED. ROAD DIST. NO. (ILLINOIS) FED. AID PROJECT			CONTRACT NO.	