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STATE OF VERMONT  
AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT

STATEWIDE  
IM RUTF(13)

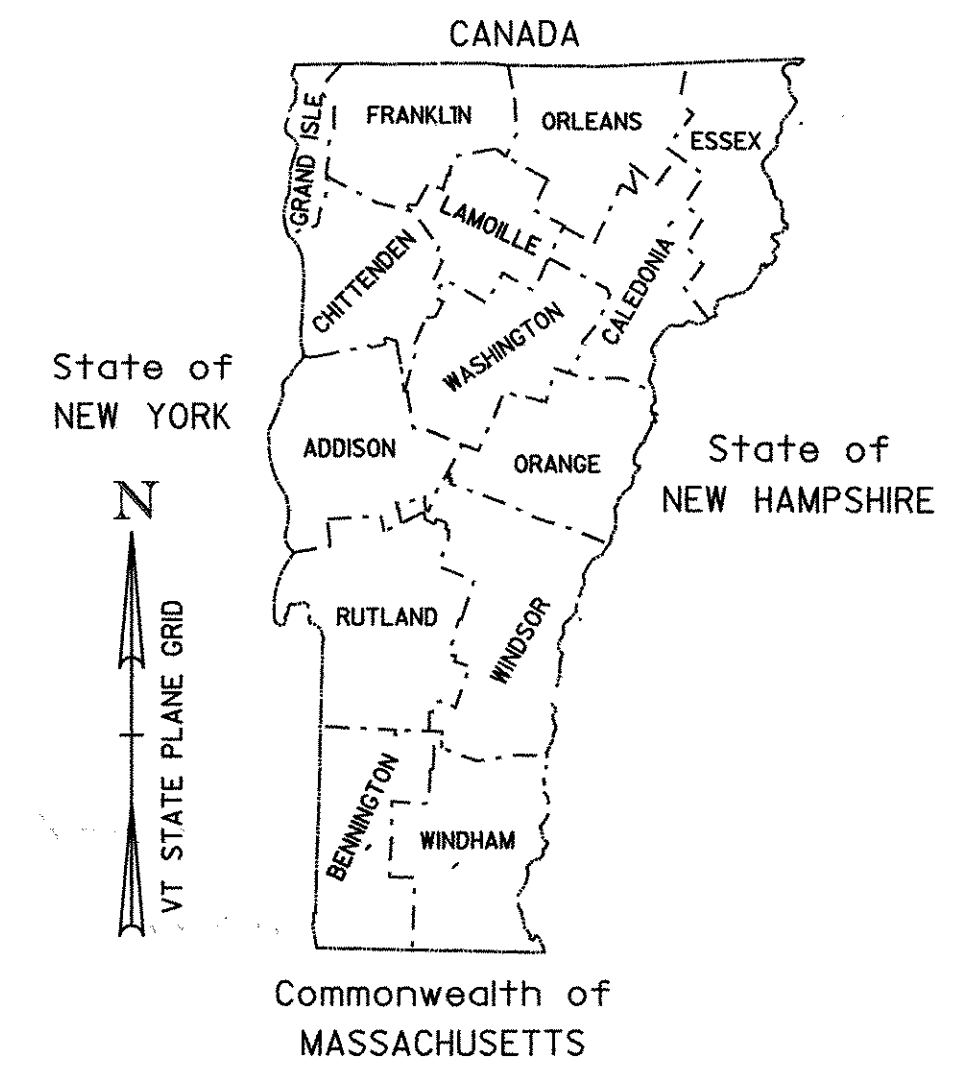
I-91 NORTHBOUND LANE

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES CORRECTION OF RUTTED AREAS BY COLD PLANING AND PAVING, STRIPING, AND APPROPRIATE TRAFFIC CONTROL OF THE EXISTING INTERSTATE HIGHWAY,

PROJECT LOCATIONS

I-91  
 161.018 165.202  
 NB MM 161.00 - 165.20 BARTON-COVENTRY  
 NB MM 167.20 - 168.90 COVENTRY-DERBY  
 167.208 168.90

PROJECT LENGTH 31 152 L.F. = 5.90 MILES



CONVENTIONAL SIGNS

COUNTY LINE	----
TOWN LINE	----
LIMITS OF ACCESS	—o—o—o—o—
POINT OF ACCESS	X
FENCE LINE	—x—x—x—x—
STONE WALL	=====
TRAVELED WAY	-----
GUARD RAIL	—o—o—o—o—
RAILROAD	—+—+—+—+—
SURVEY LINE	—+—+—+—+—
CULVERT	—+—+—+—+—
POWER POLE	⊕
TELEPHONE POLE	⊕
TREES	⊗
CONTROL OF ACCESS	///
PROPERTY LINE	----
R.O.W. TAKING LINE	—SR—
SLOPE RIGHTS	—o—o—o—o—
TOP OF CUT	—△—△—△—△—
TOE OF SLOPE	—o—o—o—o—

DATUM

VERTICAL	N/A
HORIZONTAL	N/A

RECORD PLANS

CONTRACTOR: PIKE INDUSTRIES, INC. - BERLIN, VT

RESIDENT ENGINEER: DOUG BUMPS

CONSTRUCTION BEGAN: SEPTEMBER 17, 2007

CONSTRUCTION COMPLETE: OCTOBER 17, 2007

RECORD PLANS BY: DOUG BUMPS & C. PIERCE

I HEREBY CERTIFY THAT ALL THE CONSTRUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.

BY Douglas Bumps RESIDENT ENGINEER

DATE 3/1/08

NOTE: Any further information concerning final quantities, amounts or other details relative to this project may be found at Central Files in the electronic archives.

THESE PLANS ARE SUBJECT TO SUCH ENGINEERING CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY ADMINISTRATION OR THE DIRECTOR OF PROGRAM DEVELOPMENT. CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2006, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JUNE 15, 2006 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

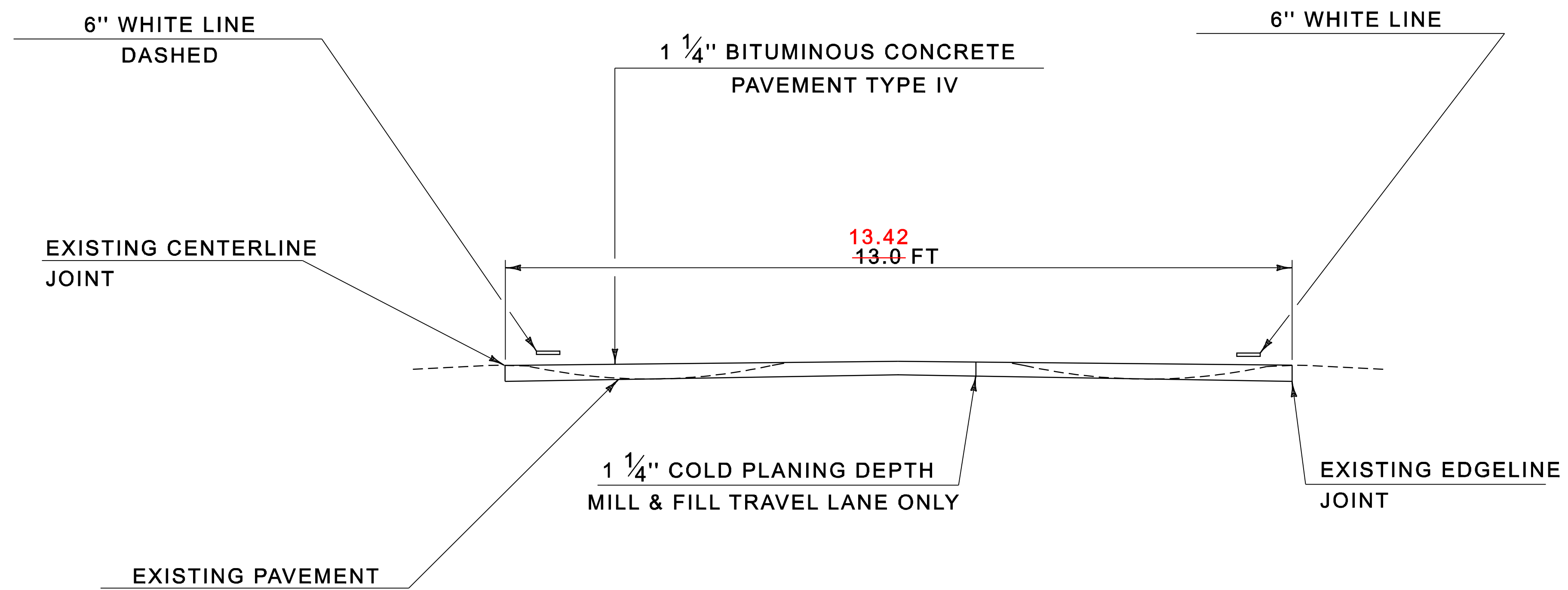
APPROVED [Signature] DATE 3/20/07  
 DIRECTOR OF PROGRAM DEVELOPMENT

DEPARTMENT OF TRANSPORTATION  
 FEDERAL HIGHWAY ADMINISTRATION

APPROVED [Signature] DATE 4-5-07  
 DIVISION ADMINISTRATOR

PROJECT STATEWIDE IM RUTF(13)

SHEET 1 OF 7 SHEETS



**PROJECT LOCATIONS—I-91  
(TRAVEL LANE ONLY)**

161.018 - 165.202  
 NB MM ~~161.00~~ - 165.20 BARTON-COVENTRY  
 NB MM ~~167.20~~ - 168.90 COVENTRY-DERBY  
 167.208

NOTES:

1. THE SINGLE PAVEMENT LIFT WEARING COURSE SHALL BE TYPE IV, ITEM 406.25, AS SHOWN ON THE TYPICALS, UNLESS DIRECTED BY THE RESIDENT ENGINEER. ALL LIQUID ASPHALT USED FOR BITUMINOUS CONCRETE PAVEMENT SHALL BE PG 58-34.
2. EMULSIFIED ASPHALT SHALL BE APPLIED ON ALL COLD PLANED SURFACES AT THE RATE OF 0.026 GAL./S.Y. OR AS DIRECTED BY THE RESIDENT ENGINEER.
3. BITUMINOUS CONCRETE PAVEMENT TOLERANCE = 1/4" +/- (TOTAL THICKNESS).
4. COLD PLANING SHALL BE COMPLETED ACCORDING TO TYPICAL OR AS DIRECTED BY THE RESIDENT ENGINEER.
5. DO NOT COLD-PLANE OR PAVE BRIDGES.

**PROJECT  
TYPICAL  
SHEET**

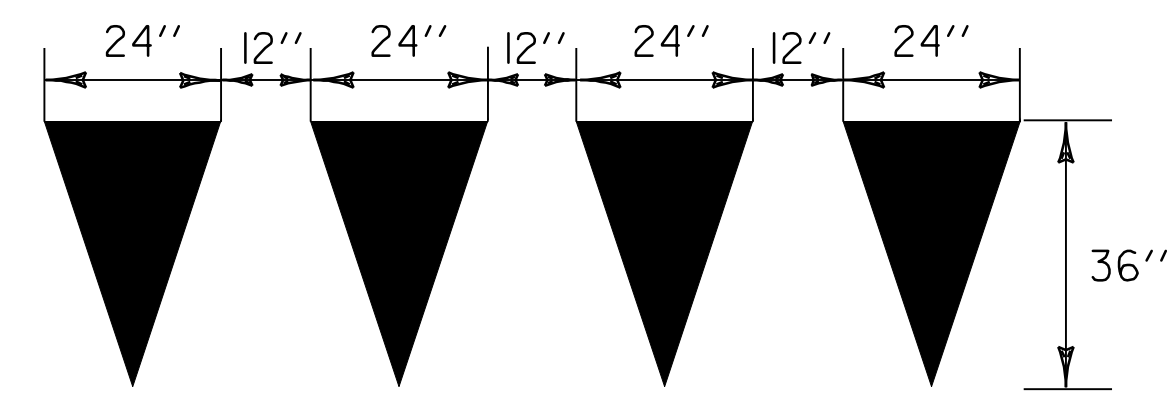
PROJECT NAME: STATEWIDE  
 PROJECT NUMBER: IM RUTF(13)

FILE NAME: /pave/07k008/pk008.dgn PLOT DATE: 15-MAY-2008 08:54  
 PROJECT LEADER: WOOLAVER DRAWN BY: JLR  
 DESIGNED BY: JLR CHECKED BY: JLR  
 pk008ty01.i SHEET 2 OF 7

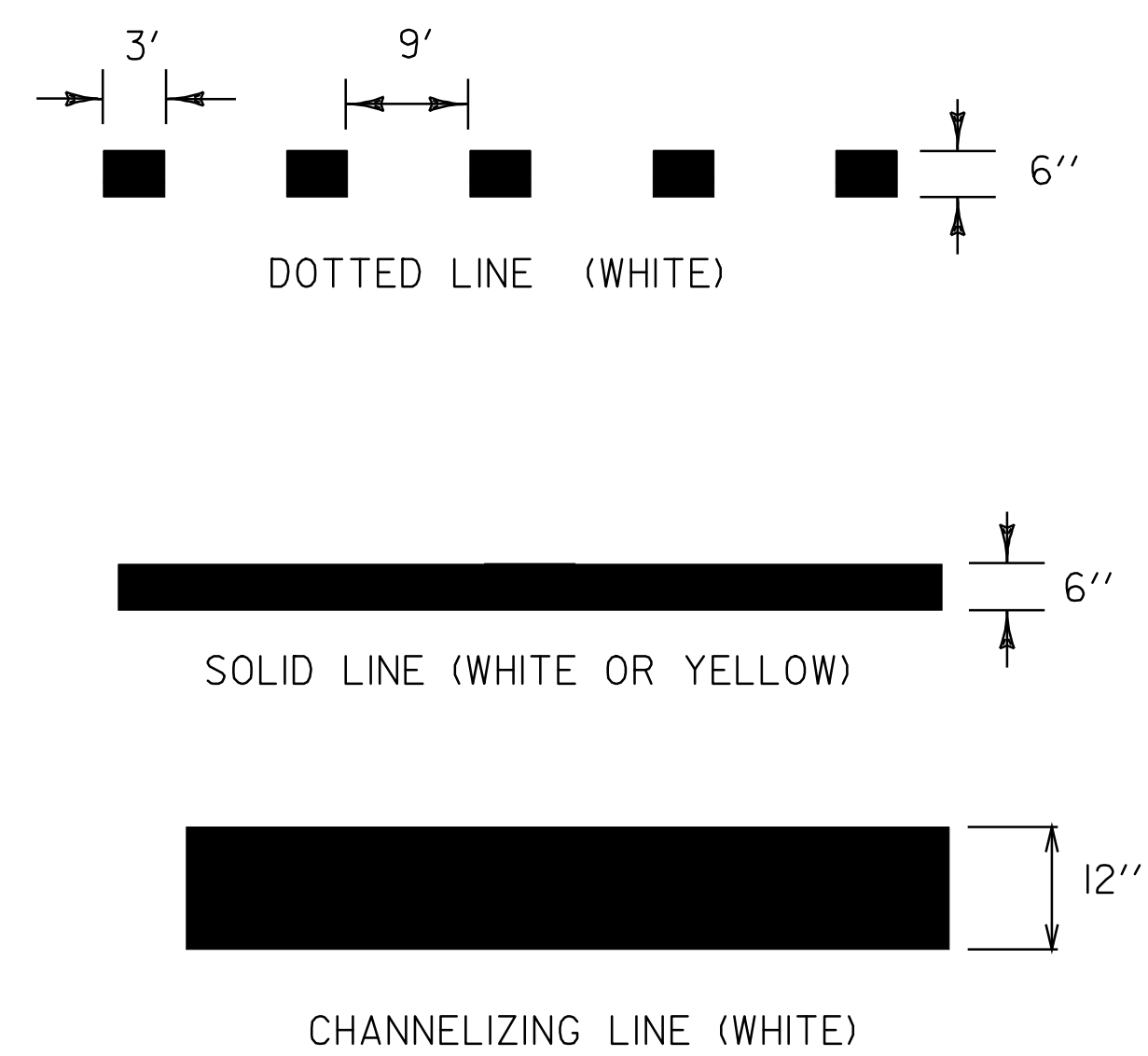




# INTERSTATE TYPICAL PAVEMENT MARKINGS



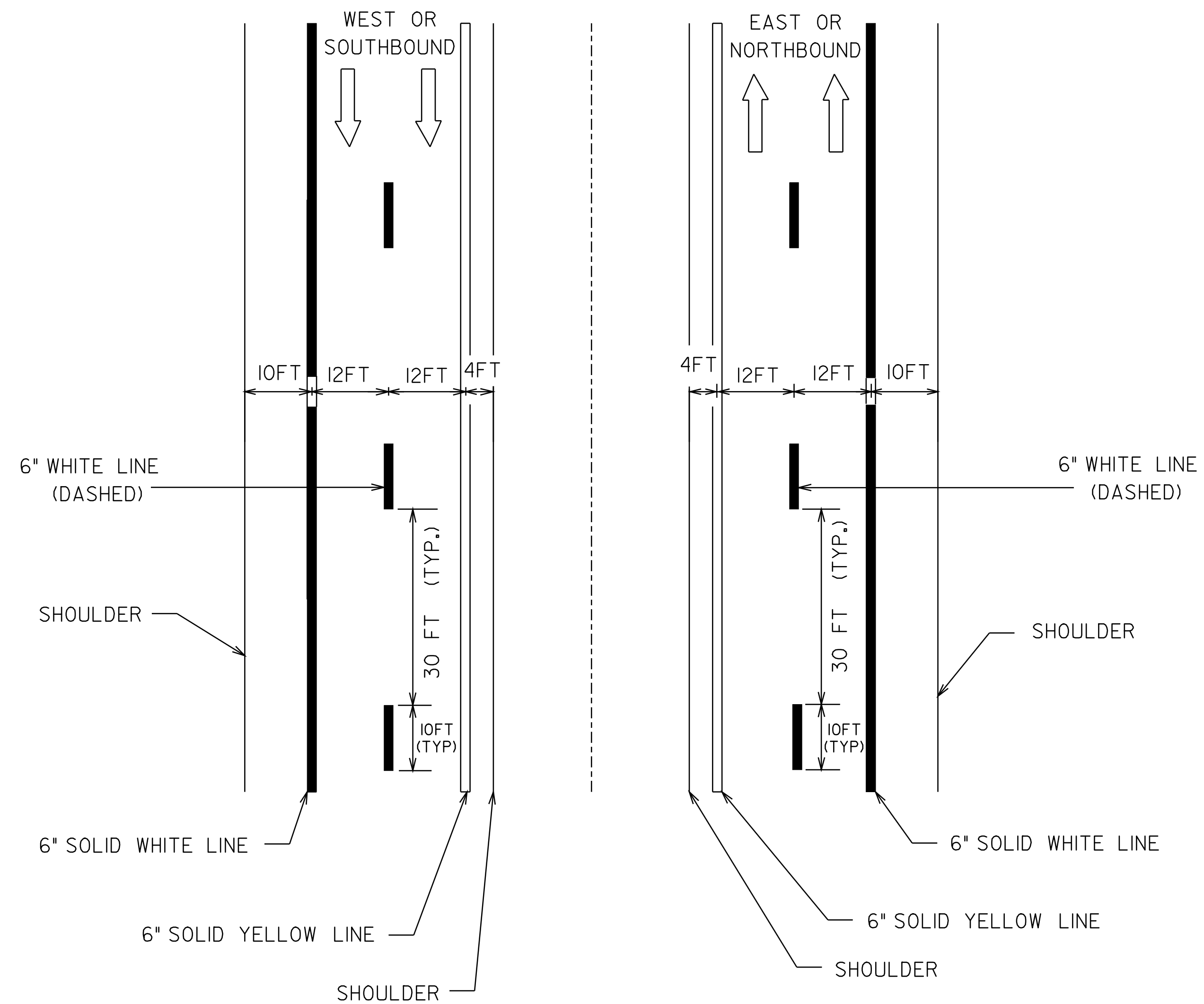
**YIELD LINE DETAILS**



**PAVEMENT MARKING LINE DETAILS**

NOTE: DOTTED LINE, CHANNELIZING LINE AND YIELD MARKINGS TO BE INSTALLED ONLY AT THE DIRECTION OF THE RESIDENT ENGINEER. YELLOW LINE IS NOT REQUIRED ON THIS PROJECT.

**NOT TO SCALE**



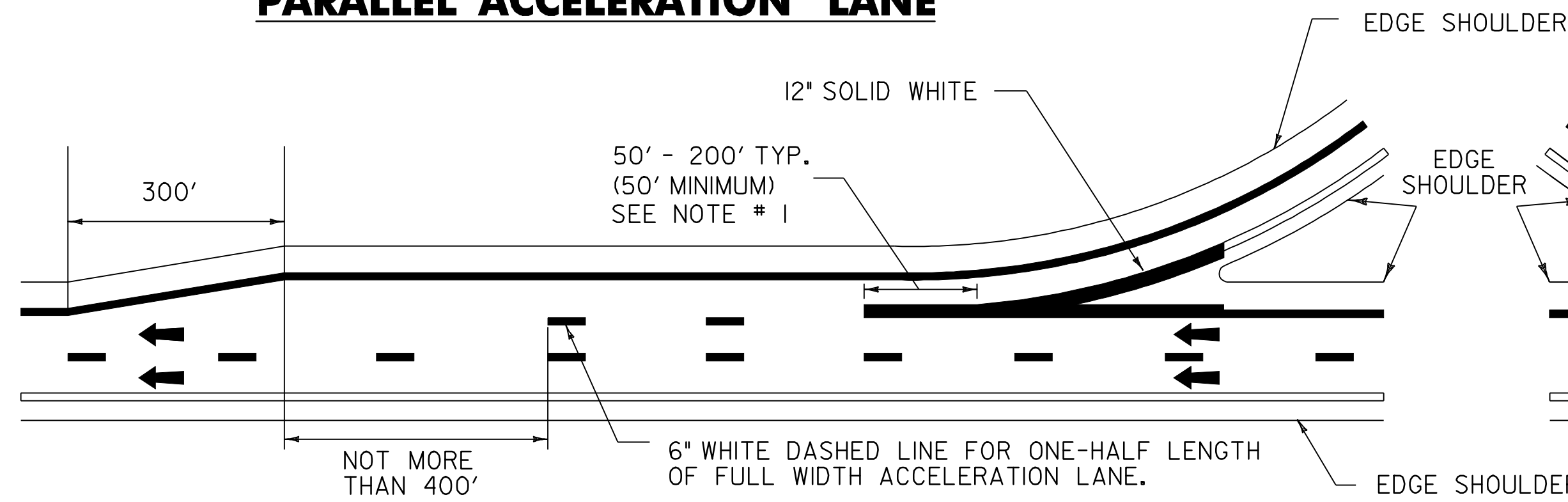
**TYPICAL MAINLINE MARKING PLAN**

**LEGEND**

- 6" WHITE LINES
- 6" YELLOW LINES
- DIRECTION OF TRAFFIC FLOW

# INTERSTATE TYPICAL PAVEMENT MARKINGS

## PARALLEL ACCELERATION LANE

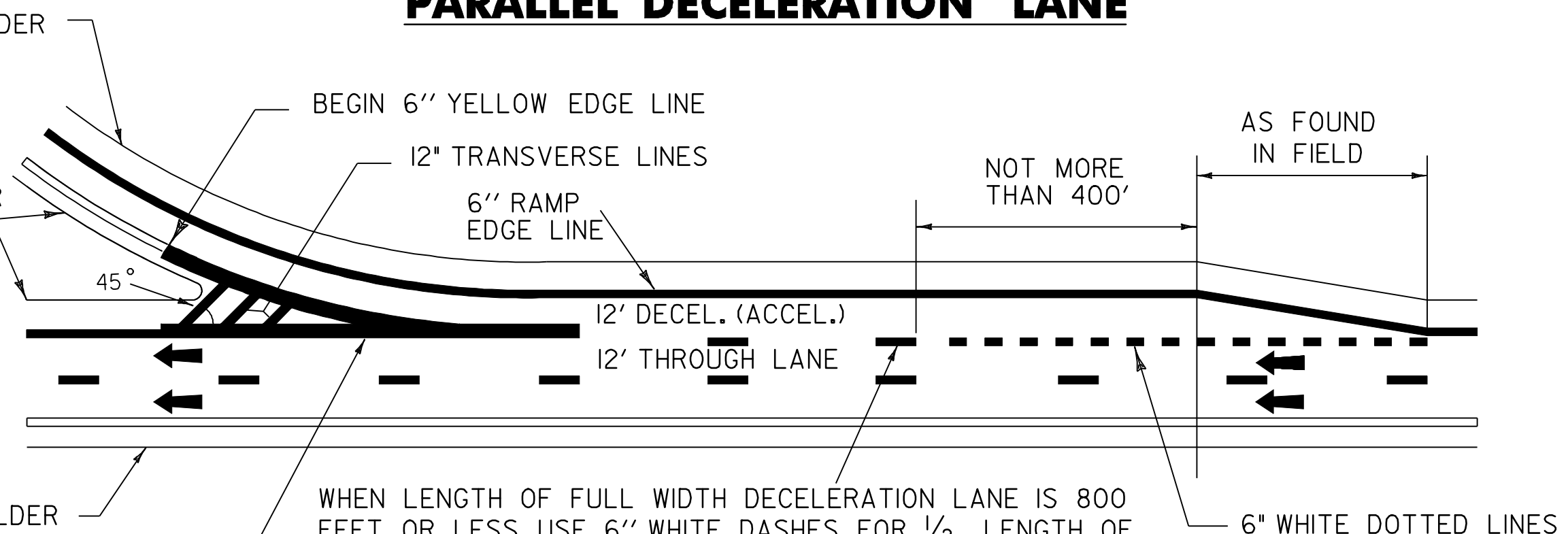


WHEN LENGTH OF FULL WIDTH ACCELERATION LANE IS 800 FEET OR LESS, USE 6" WHITE DASHES FOR 1/2 LENGTH OF FULL WIDTH

WHEN LENGTH OF FULL WIDTH ACCELERATION LANE IS GREATER THAN 800 FEET, USE 6" WHITE DASHES LEAVING ONLY THE 400' OPENING PLUS TAPER UNMARKED.

**NOTE**  
EDGE LINES TO BE PAINTED TO THE CONNECTION OF THE EDGE LINE (OR TRAVEL LANE WHERE THERE IS NO EDGE LINE) ON THE CROSS ROAD AT THE RAMP TERMINALS. STOP BARS AND WORD MARKINGS ARE INCLUDED.

## PARALLEL DECELERATION LANE



WHEN LENGTH OF FULL WIDTH DECELERATION LANE IS 800 FEET OR LESS, USE 6" WHITE DASHES FOR 1/2 LENGTH OF FULL WIDTH TAPER.

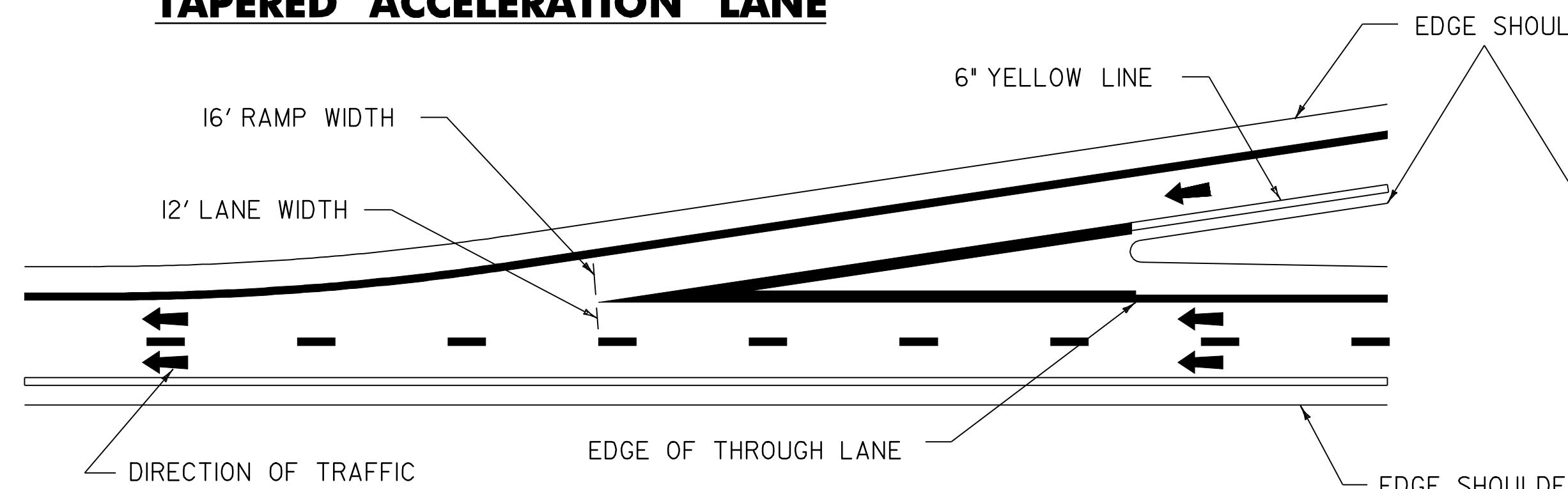
WHEN LENGTH OF FULL WIDTH DECELERATION LANE IS GREATER THAN 800 FEET, USE 6" WHITE DASHED LINE WITH 6" WHITE DOTTED LINE FOR ONLY 400' PLUS TAPER.

ACTUAL LOCATION OF 12" GORE MARKING TRANSITION CURVE MUST BE OFFSET FROM THE THEORETICAL RAMP EXTENSION LINE TO PROVIDE A VISUALLY SMOOTH RAMP ENTRANCE.

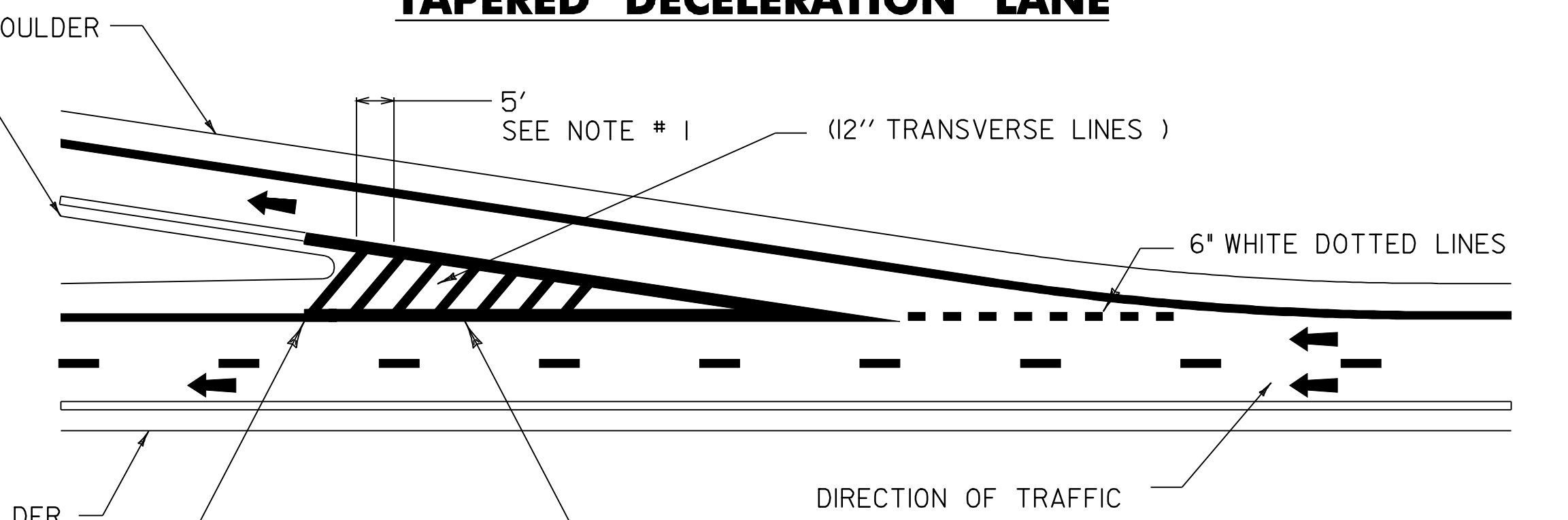
### NOTES

1. MATCH EXISTING DIMENSIONS UNLESS NONE ARE PRESENT
2. TRANSVERSE LINES SHALL CONSIST OF 12" WHITE LINES SPACED 14'-0" C-C AND SET AT 45 TO MAIN LINE EDGE LINES. THESE MARKINGS SHALL BE USED TO INCREASE VISIBILITY DUE TO DIFFICULT VERTICAL OR HORIZONTAL ALIGNMENT, AS DIRECTED BY THE RESIDENT ENGINEER.
3. DASH PATTERNS WILL BE MODIFIED IN THE FIELD TO OVERLAY EXISTING DASHES WHERE PRESENT.
4. 12" WHITE TRANSVERSE LINES WILL SUPERCEDE 8" WHITE LINES

## TAPERED ACCELERATION LANE

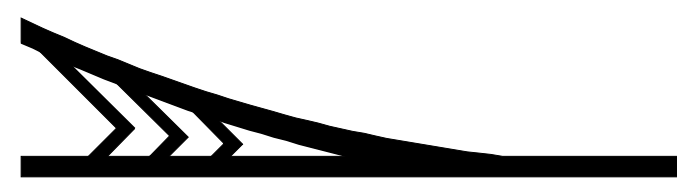


## TAPERED DECELERATION LANE



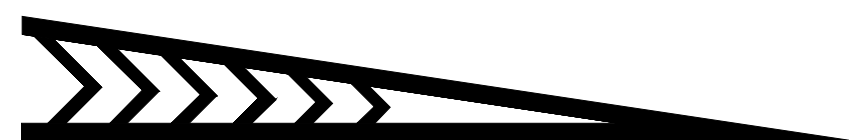
### LEGEND

- 6" WHITE LINES
- 6" YELLOW LINES
- 12" CHANNELIZATION LINES
- DIRECTION OF TRAFFIC FLOW



**ALTERNATE PATTERN GORE MARKING**

NOT TO SCALE



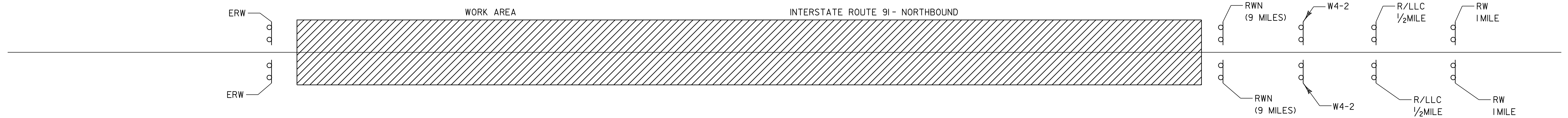
**ALTERNATE PATTERN GORE MARKING**

NOT TO SCALE

NOTE: GORE MARKINGS TO BE PLACED AT THE DIRECTION OF THE RESIDENT ENGINEER. YELLOW EDGE LINE NOT REQUIRED ON THIS PROJECT.

PROJECT NAME: STATEWIDE	
PROJECT NUMBER: IM RUTF(13)	
FILE NAME: /pave/07k008/pk008.dgn	PLOT DATE: 15-MAY-2008 08:58
<b>GENERIC PAVEMENT MARKING DETAILS</b>	
pk0080d+04.i	SHEET 6 OF 7

RAMP TYPICALS - SEE SHEETS 6 & 7.



**NOTES:**

1. ADDITIONAL RAMP SIGNING MAY BE REQUIRED, AS DIRECTED BY THE RESIDENT ENGINEER.
2. THE BID PRICE FOR TRAFFIC CONTROL - ITEM 641.10, SHALL INCLUDE ALL APPROACH AND ON-PROJECT CONSTRUCTION SIGNING, BARRIERS, BARRELS, CONES, BARRICADES, TEMPORARY REGULATORY AND WARNING SIGNS AND POSTS AS DETAILED ON STANDARD E-103M, MAINLINE TRAFFIC CONTROL--DIVIDED HIGHWAY. ALL ADJUSTING, RELOCATING AND REMOVING OF THESE DEVICES AS DIRECTED BY THE RESIDENT ENGINEER SHALL BE INCLUDED. THE FOLLOWING ITEMS WILL BE PAID UNDER THEIR SPECIFIC BID PRICES:  
 630.10 -- UNIFORMED TRAFFIC OFFICERS  
 630.15 -- FLAGGERS
3. PORTABLE CHANGEABLE MESSAGE SIGNS ARE TO USED ALONG THIS PROJECT. THE PLACEMENT OF THESE MESSAGE SIGNS AS WELL AS THEIR MESSAGES WILL BE AS APPROVED BY THE RESIDENT ENGINEER. THIS QUANTITY IS PAID FOR UNDER ITEM 641.15 - PORTABLE CHANGEABLE MESSAGE SIGN.
4. THE CONTRACTOR SHALL INCLUDE A CONSTRUCTION SIGN APPROACH PACKAGE FOR EXPECTED LANE CLOSURES AND WORKZONE SPEED REDUCTIONS IN COMPLIANCE WITH STD. E-103. PAYMENT FOR THIS PACKAGE SHALL BE INCIDENTAL TO ITEM 641.10, "TRAFFIC CONTROL".

LEGEND

- RW 1 MILE = ROAD WORK 1 MILE
- R/LLC 1/2 MILE = RIGHT (OR LEFT) LANE CLOSED 1/2 MILE
- RWN = ROAD WORK NEXT (9 MILES)
- ERW = END ROAD WORK
- SRWA = SIDE ROAD WORK AHEAD
- SRW 500 = SIDE ROAD WORK 500 FT
- W4-2 = LANE ENDS
- //// = WORK AREA

SEE STD E-100 AND E-103 FOR SIGN PLACEMENT.

**NOT TO SCALE**

**CONSTRUCTION  
APPROACH  
SIGNING**

PROJECT NAME: STATEWIDE  
PROJECT NUMBER: IM RUTF(13)

FILE NAME: /pave/06a180/p06a180.dgn  
PROJECT LEADER: M. WOOLAVER  
DESIGNED BY: JLR  
p06a180cas.1

PLOT DATE: 15-MAY-2008 08:  
DRAWN BY: KAS  
CHECKED BY: JLR  
SHEET 7 OF 7