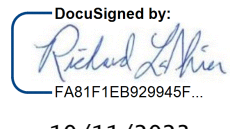

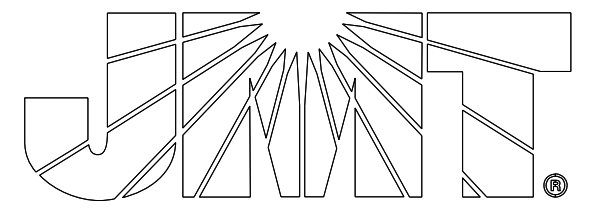


STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

PROJECT REFERENCE NO. <i>HI-0016</i>	SHEET NO. <i>PMP-1</i>
DocuSigned by:  10/11/2023	
	
	

# PAVEMENT MARKING PLAN

## ROBESON COUNTY

LOCATION: I-74 1 MILE EAST OF NC 41 TO LUMBER RIVER BRIDGES

### ROADWAY STANDARD DRAWING

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" - PROJECT SERVICES UNIT - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2018 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS. INCLUSION OF SPECIFIC SHEETS IN THESE PLANS AS DETAILS DOES NOT EXCLUDE APPLICABILITY OF OTHER SHEETS IN SAME STANDARD.

STD. NO.	TITLE
1205.01	PAVEMENT MARKINGS - LINE TYPES AND OFFSETS
1205.02	PAVEMENT MARKINGS - TWO-LANE AND MULTILANE ROADWAYS
1205.03	PAVEMENT MARKINGS - EXIT AND ENTRANCE RAMP
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.06	PAVEMENT MARKINGS - LANE DROPS
1205.08	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES
1205.15	PAVEMENT MARKINGS - SUPERSTREETS
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING
1251.01	RAISED PAVEMENT MARKERS - PERMANENT AND TEMPORARY
1253.01	RAISED PAVEMENT MARKERS - SNOWPLOWABLE

### GENERAL NOTES

THE FOLLOWING GENERAL NOTES APPLY AT ALL TIMES FOR THE DURATION OF THE CONSTRUCTION PROJECT, EXCEPT WHEN OTHERWISE NOTED IN THE PLAN, OR DIRECTED BY THE ENGINEER.

- A) INSTALL PAVEMENT MARKINGS AND PAVEMENT MARKERS ON THE FINAL SURFACE AS FOLLOWS:
 

ROAD NAME	MARKING	MARKER
US 74	THERMO	SNOWPLOWABLE
US 74-BRIDGE DECKS	POLYUREA	SNOWPLOWABLE
- B) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES. SEE ROADWAY PLANS FOR LIMITS OF REPAVING.
- C) UNLESS OTHERWISE SPECIFIED, HEATED-IN-PLACE THERMOPLASTIC MAY BE USED IN LIEU OF COLD APPLIED PLASTIC FOR STOP BARS, SYMBOLS, CHARACTERS AND DIAGONALS ON ASPHALT OR CONCRETE ROADWAYS. IF HEATED-IN-PLACE IS USED, IT SHALL BE PAID FOR USING THE COLD APPLIED PAY ITEM.
- D) MARKERS SHALL BE INSTALLED ACCORDING TO THE NCDOT ROADWAY STANDARD DRAWING 1250.01.

### SUMMARY OF QUANTITIES

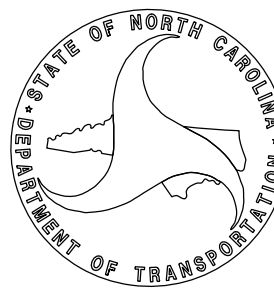
ITEM NO.	ITEM DESCRIPTION	QUANTITY	UNIT
4688000000-E	1205 THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS)	285,730	LF
4700000000-E	1205 THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS)	5,930	LF
4720000000-E	1205 THERMOPLASTIC PAVEMENT MARKING CHARACTER (90 MILS)	16	EA
4725000000-E	1205 THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)	71	EA
4795000000-E	1205 COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE 2 (24")	165	LF
4847096000-E	SP POLYUREA PAVEMENT MARKING LINES (6", 30 MILS)	3,390	LF
4905100000-N	1205 NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER	1,515	EA

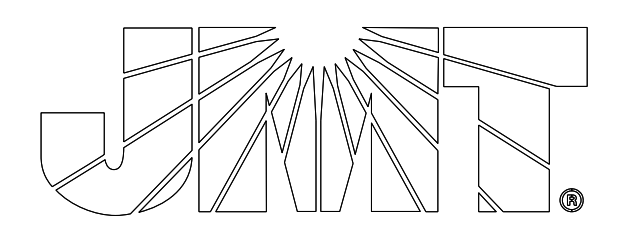
### INDEX

SHEET NO.	DESCRIPTION
PMP-1	TITLE SHEET
PMP-2 - PMP-6	SELECT STANDARD DRAWING DETAILS

PLAN SUBMITTED TO: NCDOT SIGNING AND DELINEATION UNIT

MITCH EATON, PE SIGNING & DELINEATION REGIONAL ENGINEER  
 STACEY JOHNS SIGNING & DELINEATION PROJECT DESIGN ENGINEER

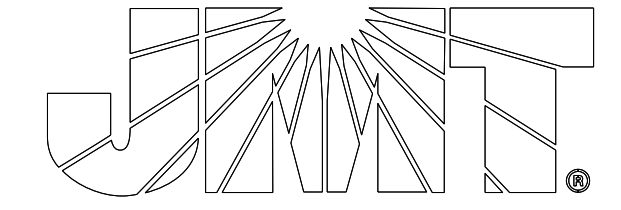




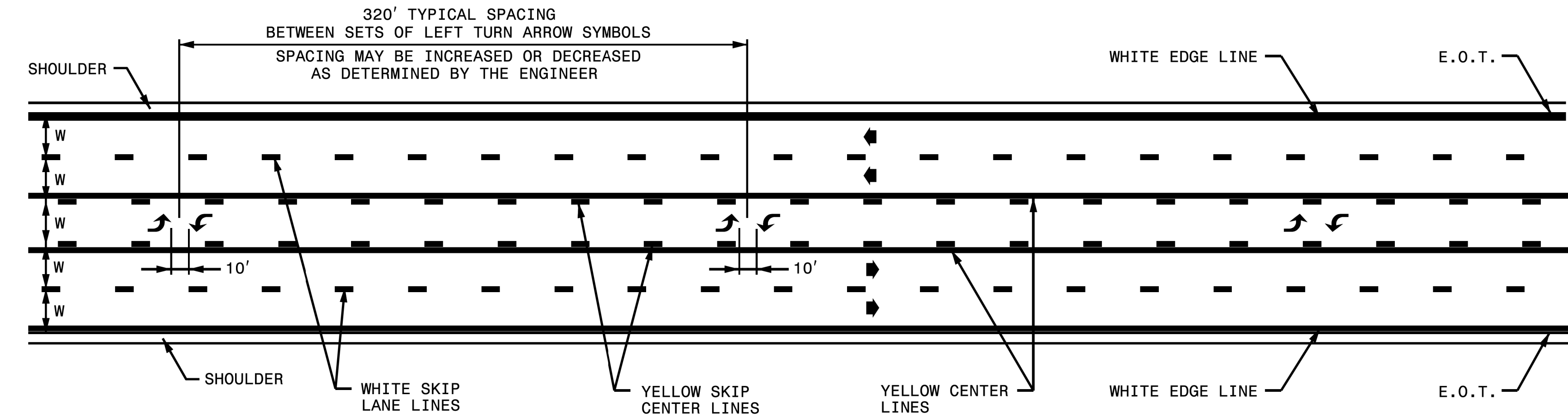
<p><b>CONTINUOUS LINES</b></p> <p><b>EDGE LINE</b> YELLOW OR WHITE 4" / 6"</p> <p><b>LANE LINE</b> WHITE 4" / 6"</p> <p><b>CENTER LINE</b> YELLOW 4" / 6"</p> <p><b>GORE LINE</b> WHITE 8" / 12"</p> <p><b>DIAGONAL LINE</b> YELLOW OR WHITE 12" 45 MPH OR HIGHER 8" LESS THAN 45 MPH</p> <p><b>CROSSWALK LINE</b> WHITE 8" TRANSVERSE 24" LONGITUDINAL</p> <p><b>RxR LINE</b> WHITE 16"</p> <p><b>STOP OR TRANSVERSE BAR</b> WHITE 24"</p>	<p><b>10'-30'/SP SKIP LINE</b></p> <p>UNLESS OTHERWISE SHOWN, USE 10'-30'/SP SKIPS FOR SKIP LANE LINES AND SKIP CENTER LINES.</p>	<p><b>2'-6'/SP MINI-SKIP LINE</b></p> <p>UNLESS OTHERWISE SHOWN, USE 2'-6'/SP MINI-SKIPS FOR LANE LINE EXTENSIONS THROUGH INTERSECTIONS, EDGE LINE EXTENSIONS THROUGH INTERSECTIONS AND MINI-SKIPS USED FOR BICYCLE LANE LINES.</p>	<p>STATE OF NORTH CAROLINA DEPT. OF TRANSPORTATION DIVISION OF HIGHWAYS RALEIGH, N. C.</p>
	<p><b>3'-3'/SP MINI-SKIP LINE</b></p> <p>UNLESS OTHERWISE SHOWN, USE 3'-3'/SP MINI-SKIPS FOR THE WHITE EDGE LINE EXTENSIONS AT ROUNDABOUTS.</p>	<p><b>3'-9'/SP MINI-SKIP LINE</b></p> <p>UNLESS OTHERWISE SHOWN, USE 3'-9'/SP MINI-SKIPS FOR MINI-SKIP LANE LINES AND LINE EXTENSIONS THROUGH TAPERS.</p>	
<p><b>GENERAL NOTES:</b></p> <p>1- USE 6" LANE, EDGE, AND CENTER LINES ON ALL FULL CONTROL OF ACCESS FACILITIES AND OTHER ROUTES AS DIRECTED BY THE ENGINEER.</p> <p>2- LANE LINES INDICATED AS "WIDE" ON THE ROADWAY STANDARD DRAWINGS SHALL BE AT LEAST TWICE THE WIDTH OF THE NORMAL LINE.</p> <p>3- GORE LINES SHALL BE TWICE THE WIDTH OF THE NORMAL LINE.</p>			<p>ROADWAY STANDARD DRAWING FOR <b>PAVEMENT MARKINGS</b> LINE TYPES AND OFFSETS</p> <p>SHEET 1 OF 2 <b>1205.01</b></p>

<p><b>EDGE LINE OFFSET DETAIL</b></p> <p>2" MAX., REFER ALSO TO TABLE 1 E.O.T.</p>	<p><b>TABLE 1</b></p> <p>EDGE LINE OFFSETS FOR 2-LANE, 2-WAY ROADWAYS WITH UN-PAVED SHOULDERS</p> <table border="1"> <thead> <tr> <th>WIDTH (W) OF TRAVEL PAVEMENT</th> <th>MAX. EDGE LINE OFFSET FROM E.O.T.</th> <th>MINIMUM LANE WIDTH (W)</th> </tr> </thead> <tbody> <tr><td>16' - 18'</td><td>2"</td><td>8' - 9'</td></tr> <tr><td>19'</td><td>4"</td><td>9'</td></tr> <tr><td>20'</td><td>6"</td><td>9.5'</td></tr> <tr><td>21'</td><td>8"</td><td>10'</td></tr> <tr><td>22'</td><td>10"</td><td>10'</td></tr> <tr><td>23'</td><td>10"</td><td>10.5'</td></tr> <tr><td>24'</td><td>1'</td><td>11'</td></tr> <tr><td>26'</td><td>2'</td><td>11'</td></tr> <tr><td>28'</td><td>2'</td><td>12'</td></tr> <tr><td>30'</td><td>3'</td><td>12'</td></tr> <tr><td>32'</td><td>4'</td><td>12'</td></tr> </tbody> </table>	WIDTH (W) OF TRAVEL PAVEMENT	MAX. EDGE LINE OFFSET FROM E.O.T.	MINIMUM LANE WIDTH (W)	16' - 18'	2"	8' - 9'	19'	4"	9'	20'	6"	9.5'	21'	8"	10'	22'	10"	10'	23'	10"	10.5'	24'	1'	11'	26'	2'	11'	28'	2'	12'	30'	3'	12'	32'	4'	12'	<p><b>TWO-WAY UNDIVIDED ROADWAY</b></p> <p>SEE EDGE LINE OFFSET DETAIL</p>	<p>STATE OF NORTH CAROLINA DEPT. OF TRANSPORTATION DIVISION OF HIGHWAYS RALEIGH, N. C.</p>
WIDTH (W) OF TRAVEL PAVEMENT	MAX. EDGE LINE OFFSET FROM E.O.T.	MINIMUM LANE WIDTH (W)																																					
16' - 18'	2"	8' - 9'																																					
19'	4"	9'																																					
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24'	1'	11'																																					
26'	2'	11'																																					
28'	2'	12'																																					
30'	3'	12'																																					
32'	4'	12'																																					
<p><b>CENTER LINE OFFSET DETAIL</b></p> <p>3" / 3" / 6"</p>	<p><b>TWO-WAY UNDIVIDED ROADWAY WITH TWO-WAY LEFT TURN LANE</b></p> <p>SEE EDGE LINE OFFSET DETAIL</p> <p>SEE CENTER LINE OFFSET DETAIL</p>																																						
<p><b>LANE LINE OFFSET DETAIL</b></p> <p>2" TOWARDS LEFT SIDE OF TRAVELWAY</p>	<p><b>LEGEND</b></p> <p>W = WIDTH OF TRAVEL LANE E.O.T. = EDGE OF TRAVEL • DIRECTION OF TRAFFIC FLOW</p>	<p><b>MULTI-LANE ROADWAY</b></p> <p>SEE EDGE LINE OFFSET DETAIL</p> <p>SEE LANE LINE OFFSET DETAIL</p>	<p>ROADWAY STANDARD DRAWING FOR <b>PAVEMENT MARKINGS</b> LINE TYPES AND OFFSETS</p> <p>SHEET 2 OF 2 <b>1205.01</b></p>																																				

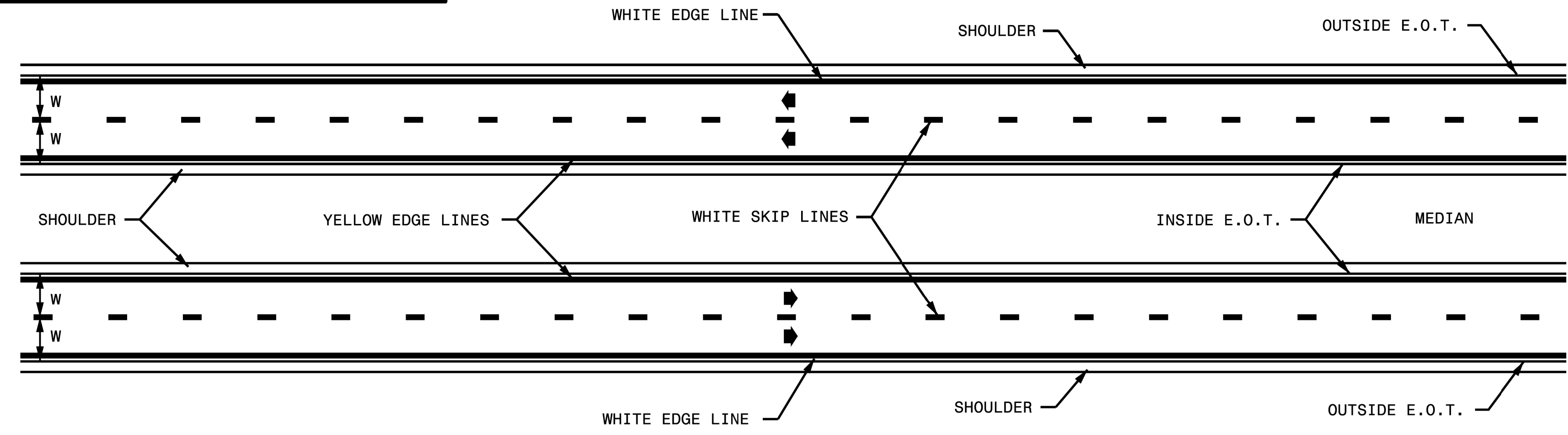
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**UNDIVIDED MULTI-LANE ROADWAY WITH TWO-WAY LEFT TURN LANE**



**DIVIDED FOUR-LANE ROADWAY**



**GENERAL NOTES:**

- 1- EDGE LINES ARE NOT REQUIRED ALONG CURB AND GUTTER LOCATIONS.
- 2- CONTINUE EDGE LINES THROUGH MINOR DRIVEWAYS. DO NOT CONTINUE EDGE LINES AT INTERSECTIONS AND MAJOR DRIVEWAYS, SEE ROADWAY STANDARD DRAWING 1205.05 FOR ADDITIONAL GUIDANCE.
- 3- REFER TO ROADWAY STANDARD DRAWINGS 1205.01 AND 1205.08 FOR ADDITIONAL PAVEMENT MARKING GUIDANCE.

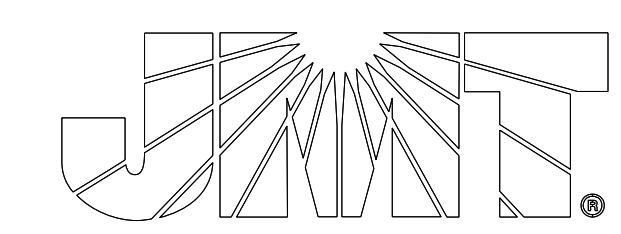
LEGEND	
W	WIDTH OF TRAVEL LANE
E.O.T.	EDGE OF TRAVEL
➔	DIRECTION OF TRAFFIC FLOW
↶	PAVEMENT MARKING SYMBOLS

1-18  
STATE OF NORTH CAROLINA  
DEPT. OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH, N.C.

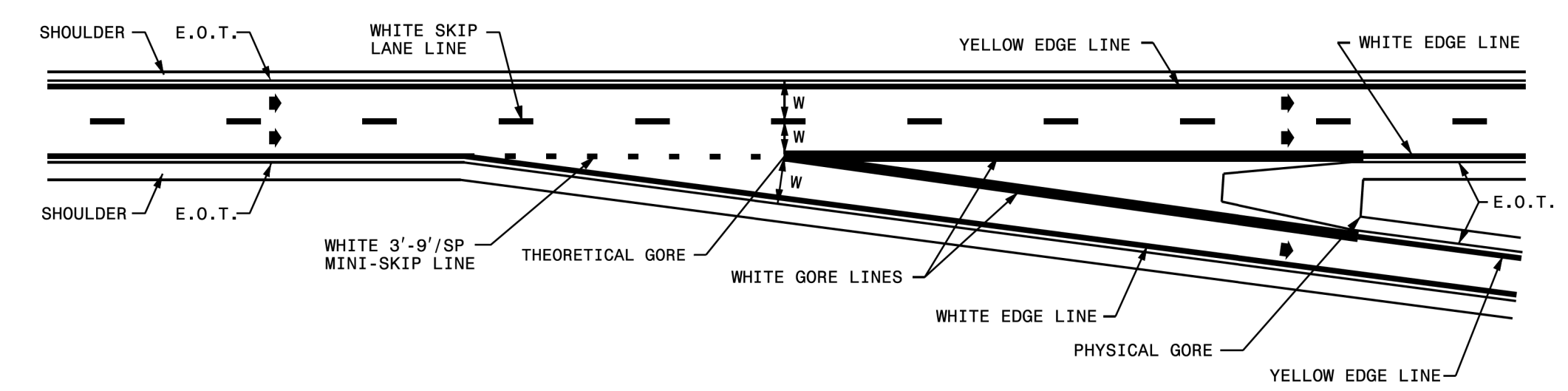
ROADWAY STANDARD DRAWING FOR  
**PAVEMENT MARKINGS**  
TWO-LANE AND MULTI-LANE ROADWAYS

SHEET 2 OF 2  
**1205.02**

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jserflaster



**TAPERED DECELERATION LANE**



- GENERAL NOTES:**
- 1- LINE WIDTH ON ENTRANCE AND EXIT RAMP SHALL MATCH THE LINE WIDTH ON THE MAINLINE.
  - 2- GORE LINE MARKINGS TERMINATE AT THE PHYSICAL GORE.
  - 3- GORE LINES SHALL BE TWICE THE WIDTH OF THE NORMAL LINE.
  - 4- REFER TO ROADWAY STANDARD DRAWING 1205.01 FOR ADDITIONAL PAVEMENT MARKING GUIDANCE.

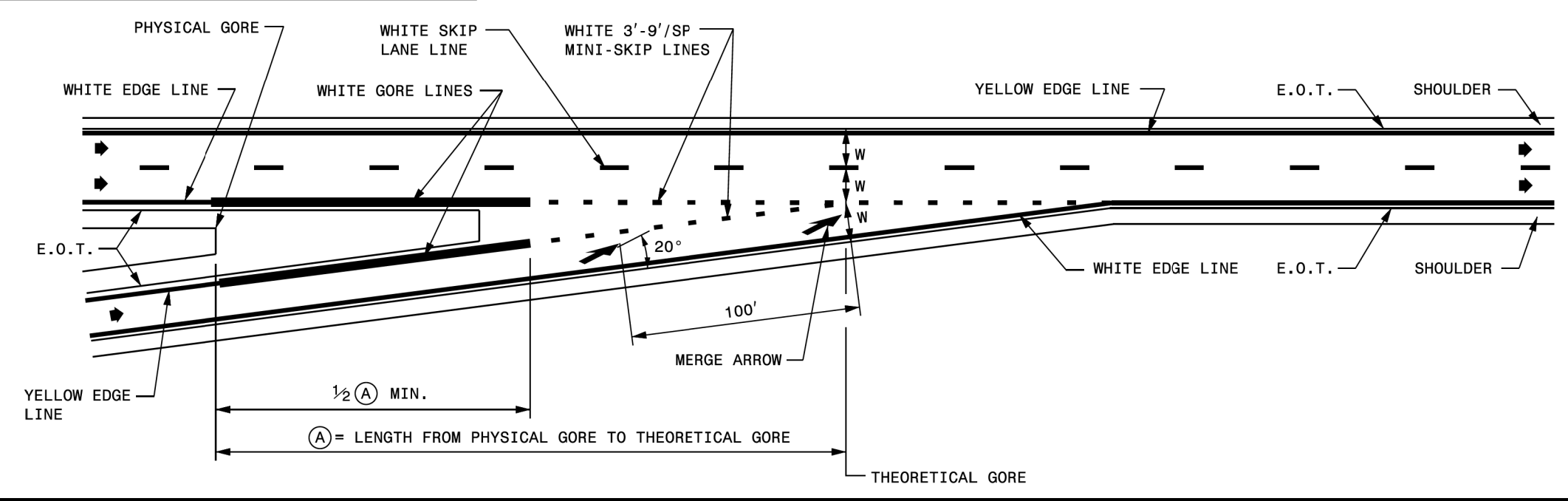
LEGEND	
W	= WIDTH OF TRAVEL LANE
E.O.T.	= EDGE OF TRAVEL
◆	DIRECTION OF TRAFFIC FLOW

STATE OF NORTH CAROLINA  
DEPT. OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH, N.C.

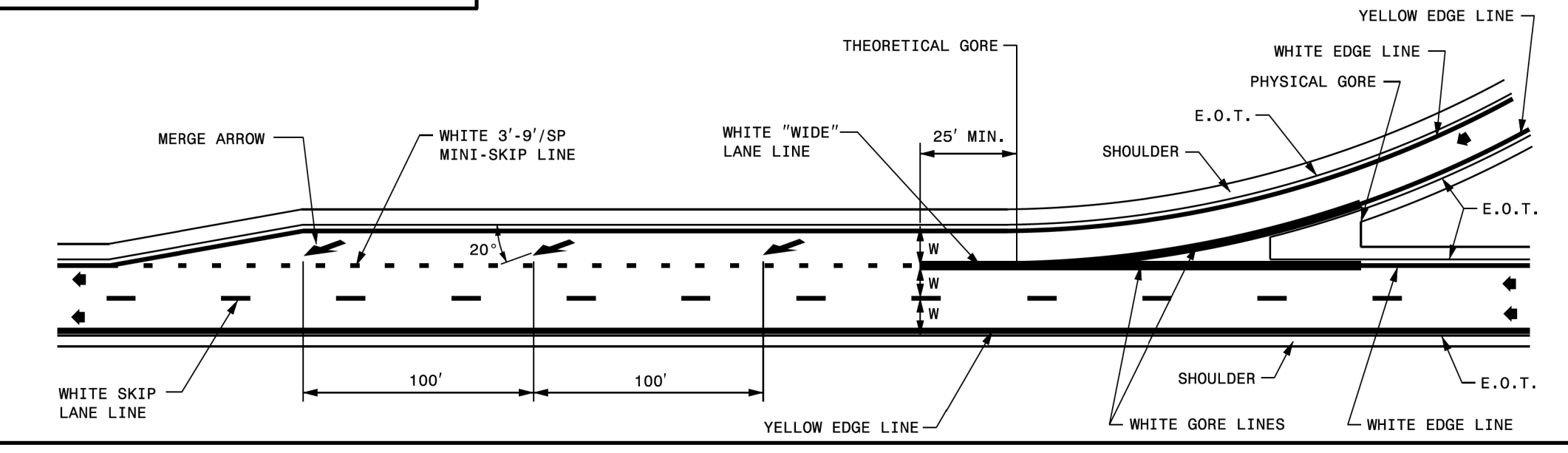
ROADWAY STANDARD DRAWING FOR  
**PAVEMENT MARKINGS**  
EXIT AND ENTRANCE RAMP

SHEET 1 OF 3  
**1205.03**

**TAPERED ACCELERATION LANE**



**PARALLEL ACCELERATION LANE**



- GENERAL NOTES:**
- 1- LINE WIDTH ON ENTRANCE AND EXIT RAMP SHALL MATCH THE LINE WIDTH ON THE MAINLINE.
  - 2- GORE LINE MARKINGS TERMINATE AT THE PHYSICAL GORE.
  - 3- LANE LINES INDICATED AS "WIDE" SHALL BE AT LEAST TWICE THE WIDTH OF THE NORMAL LINE.
  - 4- GORE LINES SHALL BE TWICE THE WIDTH OF THE NORMAL LINE.
  - 5- REFER TO ROADWAY STANDARD DRAWINGS 1205.01 AND 1205.08 FOR ADDITIONAL PAVEMENT MARKING GUIDANCE.

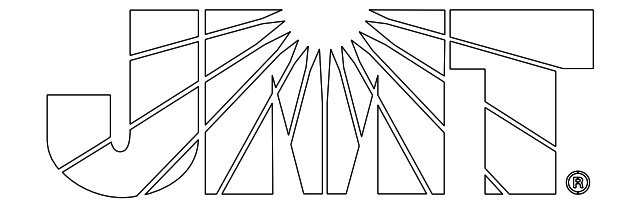
LEGEND	
W	= WIDTH OF TRAVEL LANE
E.O.T.	= EDGE OF TRAVEL
◆	DIRECTION OF TRAFFIC FLOW
◆	PAVEMENT MARKING SYMBOLS

STATE OF NORTH CAROLINA  
DEPT. OF TRANSPORTATION  
DIVISION OF HIGHWAYS  
RALEIGH, N.C.

ROADWAY STANDARD DRAWING FOR  
**PAVEMENT MARKINGS**  
EXIT AND ENTRANCE RAMP

SHEET 3 OF 3  
**1205.03**

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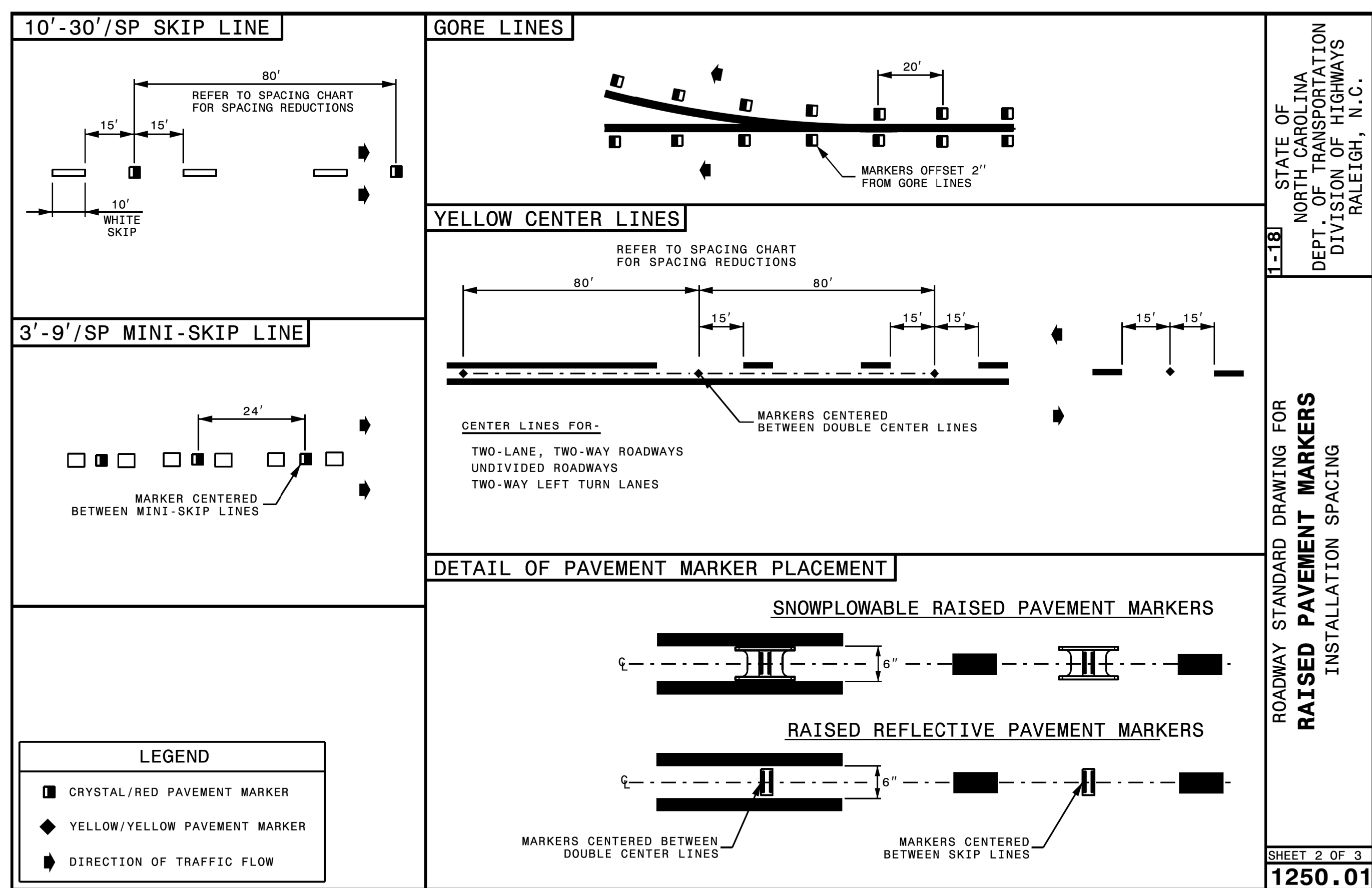
<p><b>STRAIGHT ARROW</b></p>	<p><b>RIGHT OR LEFT TURN ARROW</b></p>	<p><b>COMBINATION STRAIGHT AND LEFT OR RIGHT TURN ARROW</b></p>	<p><b>COMBINATION LEFT AND RIGHT TURN ARROW</b></p> <p>SAME DIMENSIONS APPLY AS FOR THE LEFT/RIGHT TURN ARROW</p>	<p><b>1-18</b> STATE OF NORTH CAROLINA DEPT. OF TRANSPORTATION DIVISION OF HIGHWAYS RALEIGH, N.C.</p>
<p><b>MERGE ARROW</b></p>		<p><b>ELONGATED STRAIGHT ARROW</b></p>	<p><b>WRONG-WAY RAMP ARROW</b></p>	
<p><b>GENERAL NOTES:</b></p> <ol style="list-style-type: none"> <li>1- USE THE COLOR WHITE FOR ALL PAVEMENT MARKING SYMBOLS.</li> <li>2- DO NOT LOCATE PAVEMENT MARKING SYMBOLS AS TO ENCROACH INTO INTERSECTION AREAS.</li> <li>3- DO NOT PLACE SYMBOLS ACROSS TRANSVERSE EXPANSION JOINTS ON PORTLAND CEMENT CONCRETE PAVEMENTS, UNLESS APPROVED BY THE ENGINEER.</li> <li>4- CONFORM ALL SYMBOLS TO THE FHWA "STANDARD HIGHWAY SIGNS" MANUAL WHICH INCLUDES PAVEMENT MARKINGS AND STANDARD ALPHABETS (REFER TO SHEETS 6 THRU 9). DIMENSIONS CAN VARY AMONG MANUFACTURERS, THEREFORE SLIGHT VARIANCES ARE ACCEPTABLE. HOWEVER, ALL SYMBOLS ARE REQUIRED TO BE APPROVED BY THE DEPARTMENT.</li> </ol> <p><b>NOTE:</b></p> <ol style="list-style-type: none"> <li>1- WHEN INSTALLING COLD APPLIED PLASTIC ON CONCRETE, IT IS RECOMMENDED TO USE COLD APPLIED PLASTIC WITH A BLACK CONTRASTING BOLDER.</li> </ol>				




ROADWAY STANDARD DRAWING FOR  
**PAVEMENT MARKINGS**  
SYMBOLS AND WORD MESSAGES

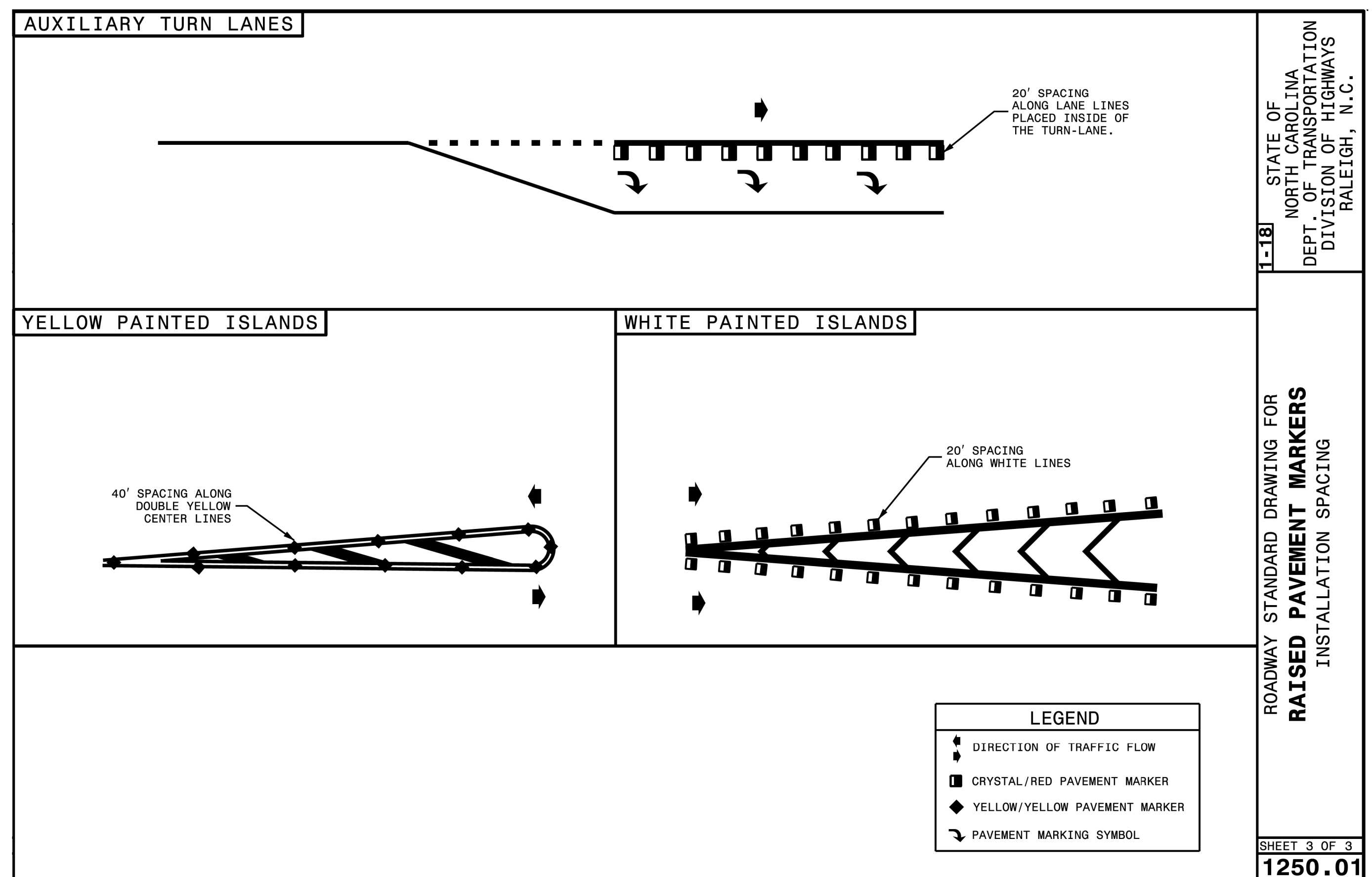
SHEET 1 OF 9  
**1205.08**





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LEGEND	
	CRYSTAL/RED PAVEMENT MARKER
	YELLOW/YELLOW PAVEMENT MARKER
	DIRECTION OF TRAFFIC FLOW



LEGEND	
	DIRECTION OF TRAFFIC FLOW
	CRYSTAL/RED PAVEMENT MARKER
	YELLOW/YELLOW PAVEMENT MARKER
	PAVEMENT MARKING SYMBOL