

NORTH CAROLINA TURNPIKE AUTHORITY PAVEMENT MARKING STANDARD DETAILS

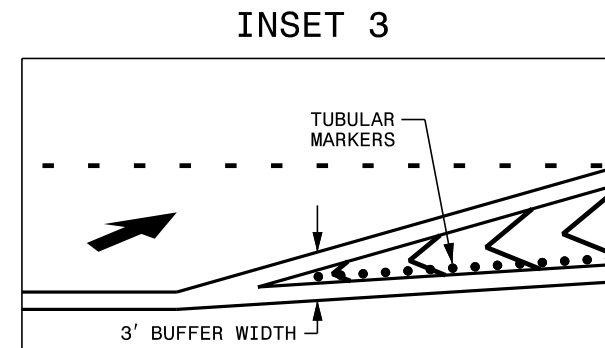
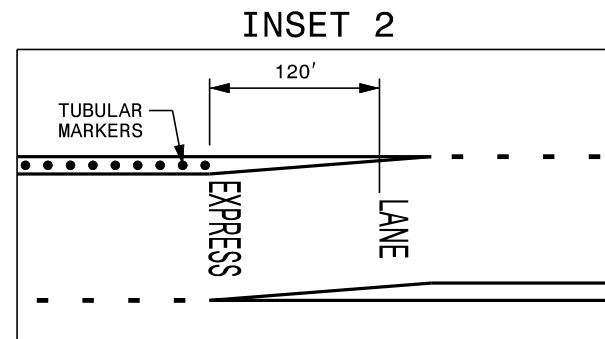
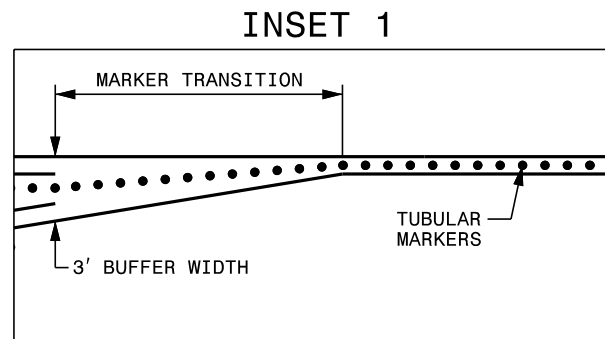
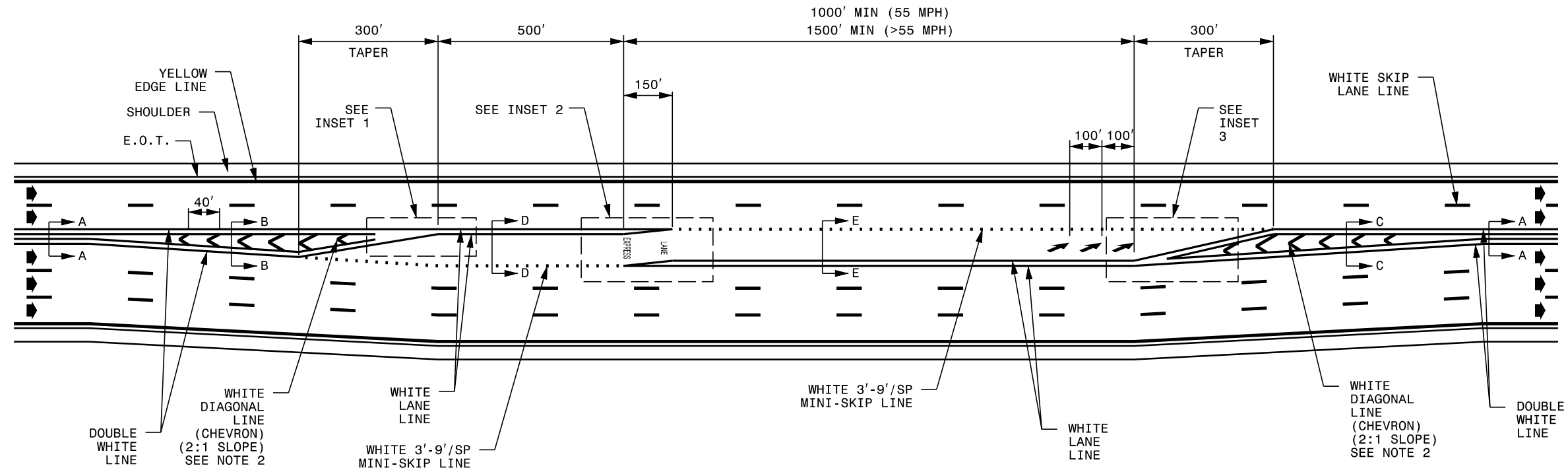
List of Sheets

- M-01 Intermediate Entry
- M-02 Intermediate Entry and Egress (Weave)
- M-03 Intermediate Egress
- M-04A Buffer Section Details
- M-04B Buffer Section Details
- M-05 Mainline Lane Ends



All design and installation shall conform to the latest published edition/version of the NCDOT Standard Specifications, Roadway Standard Drawings, and, as applicable, the NFPA 70 (NEC) and UL standards.

04/21/2026



LEGEND	
	DIRECTION OF TRAFFIC FLOW
	PAVEMENT WORD MARKINGS AND ARROWS

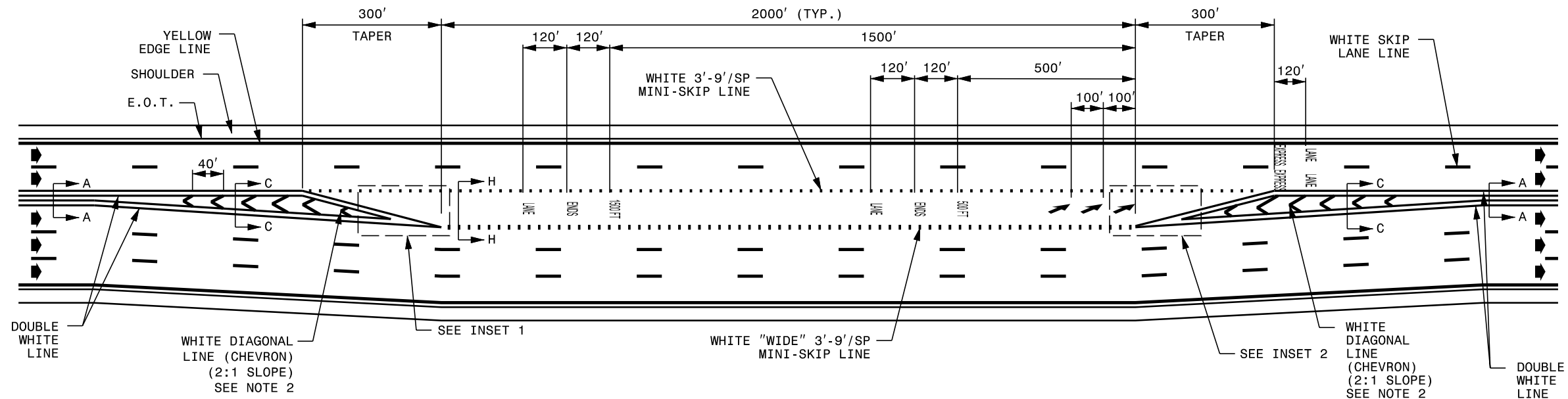
REV. NO.	BY	DATE	DESCRIPTION

- NOTES:
- SEE BUFFER SECTION DETAILS, SHEETS M-04A AND M-04B FOR SECTION DETAILS.
 - ADD 12" WHITE DIAGONAL LINES (CHEVRONS) AT 40' SPACING WHEN THE BUFFER WIDTH IS 8' OR GREATER.
 - FOR SECTION C-C, TUBULAR MARKERS SHALL BEGIN WHEN BUFFER WIDTH IS 3'.

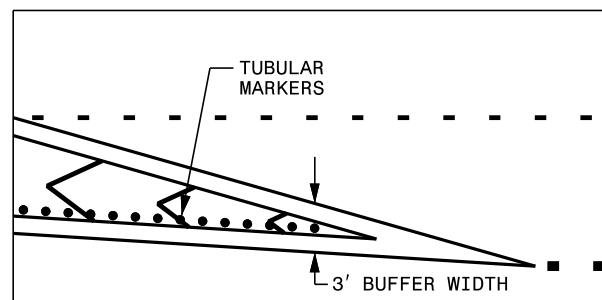
SCALE: N.T.S.
APRIL 2026

ROADWAY DETAIL DRAWING FOR
NCTA EXPRESS LANE PAVEMENT MARKING
INTERMEDIATE ENTRY

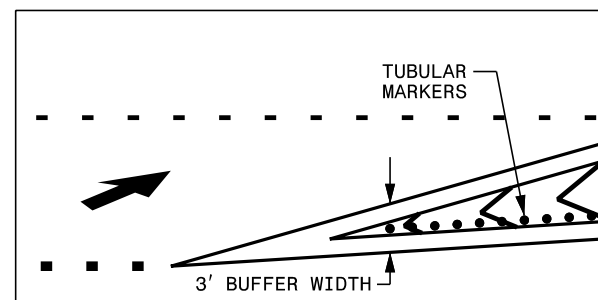
STATE OF
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 DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH, N.C.



INSET 1



INSET 2



LEGEND



DIRECTION OF TRAFFIC FLOW

PAVEMENT WORD MARKINGS AND ARROWS

REV. NO. BY DATE DESCRIPTION

NOTES:

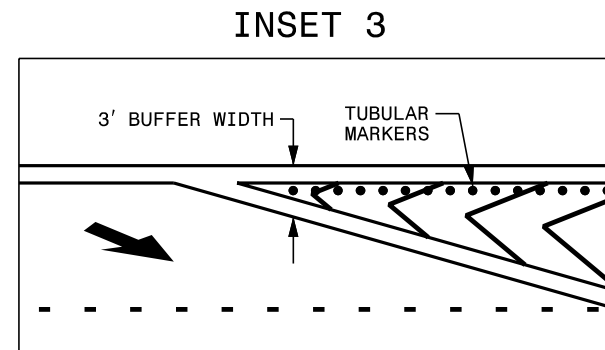
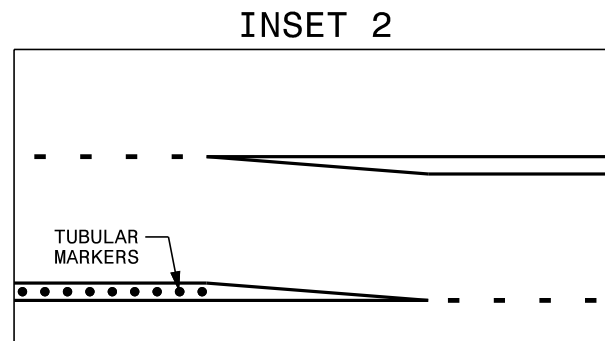
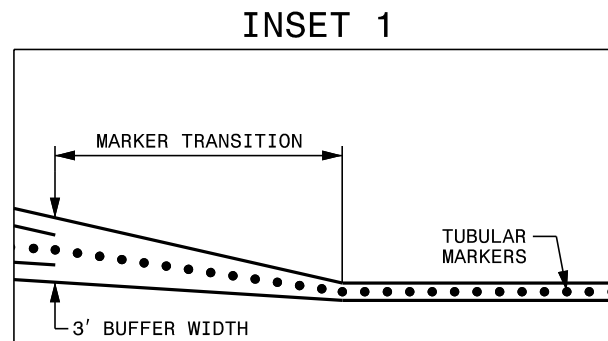
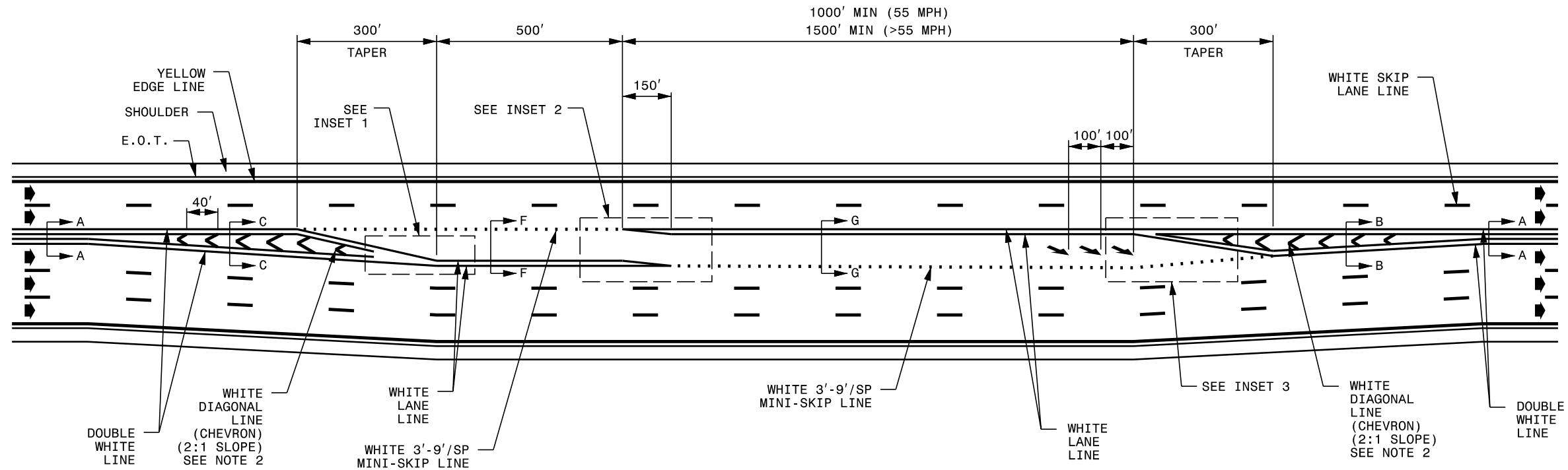
1. SEE BUFFER SECTION DETAILS, SHEETS M-04A AND M-04B FOR SECTION DETAILS.
2. ADD 12" WHITE DIAGONAL LINES (CHEVRONS) AT 40' SPACING WHEN THE BUFFER WIDTH IS 8' OR GREATER.
3. FOR SECTION C-C, TUBULAR MARKERS SHALL END WHEN BUFFER WIDTH IS 3'.
4. FOR SECTION B-B, TUBULAR MARKERS SHALL BEGIN WHEN BUFFER WIDTH IS 3'.

SCALE: N.T.S.
APRIL 2026

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DIVISION OF HIGHWAYS
RALEIGH, N.C.

ROADWAY DETAIL DRAWING FOR
NCTA EXPRESS LANE PAVEMENT MARKING
INTERMEDIATE ENTRY AND EGRESS (WEAVE)

M-02



LEGEND	
	DIRECTION OF TRAFFIC FLOW
	PAVEMENT MARKING ARROWS

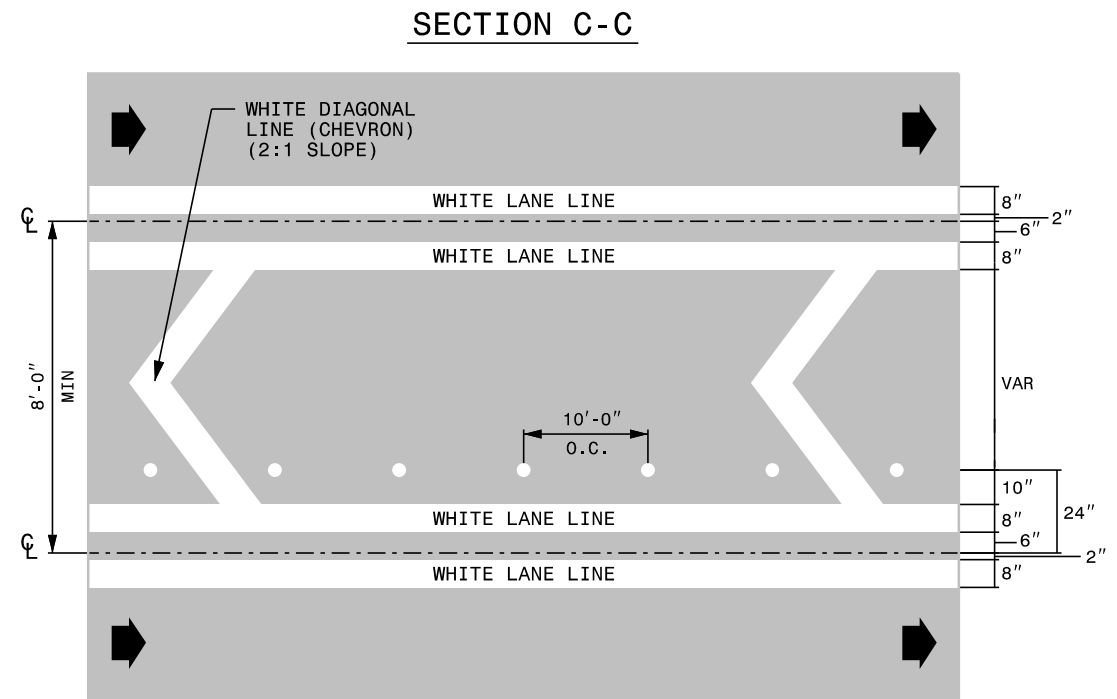
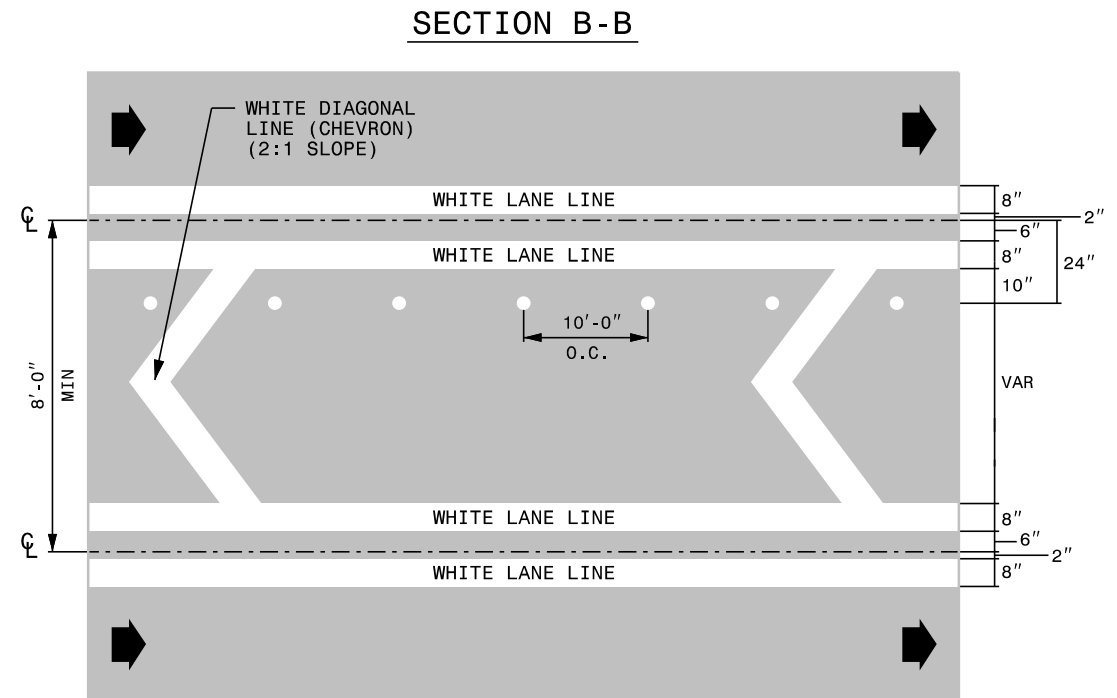
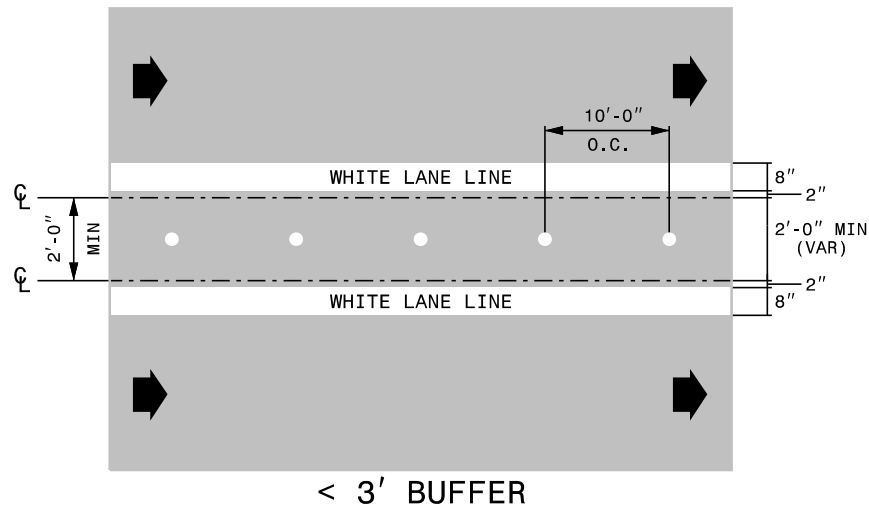
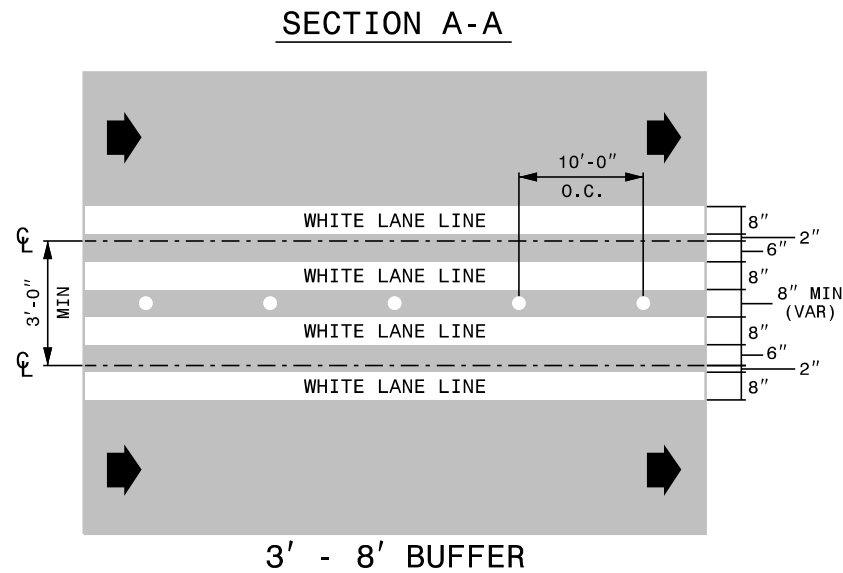
REV. NO.	BY	DATE	DESCRIPTION

- NOTES:
- SEE BUFFER SECTION DETAILS, SHEETS M-04A AND M-04B FOR SECTION DETAILS.
 - ADD 12" WHITE DIAGONAL LINES (CHEVRONS) AT 40' SPACING WHEN THE BUFFER WIDTH IS 8' OR GREATER.
 - FOR SECTION B-B, TUBULAR MARKERS SHALL BEGIN WHEN BUFFER WIDTH IS 3'.

SCALE: N.T.S.
APRIL 2026

ROADWAY DETAIL DRAWING FOR
NCTA EXPRESS LANE PAVEMENT MARKING
INTERMEDIATE EGRESS

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 DIVISION OF HIGHWAYS
 RALEIGH, N.C.



LEGEND	
	DIRECTION OF TRAFFIC FLOW
	TUBULAR MARKERS
	LANE LINE FROM ROADWAY PLANS

REV. NO.	BY	DATE	DESCRIPTION

- NOTES:
1. LONGITUDINAL LINES SHALL BE 2" MINIMUM FROM LONGITUDINAL JOINTS IN CONCRETE AND ASPHALT SURFACES.
 2. IN BUFFER AREAS UP TO 4' WIDE, CENTER TUBULAR MARKERS WITHIN BUFFER.
 3. IN TRANSITION AREAS GREATER THAN 4' WIDE, OFFSET THE CENTER OF THE TUBULAR MARKERS 10" FROM THE INSIDE EDGE LANE LINE.
 4. TUBULAR MARKER SPACING IN BUFFERS AND THROUGH TRANSITION AREAS SHALL NOT EXCEED 10'.

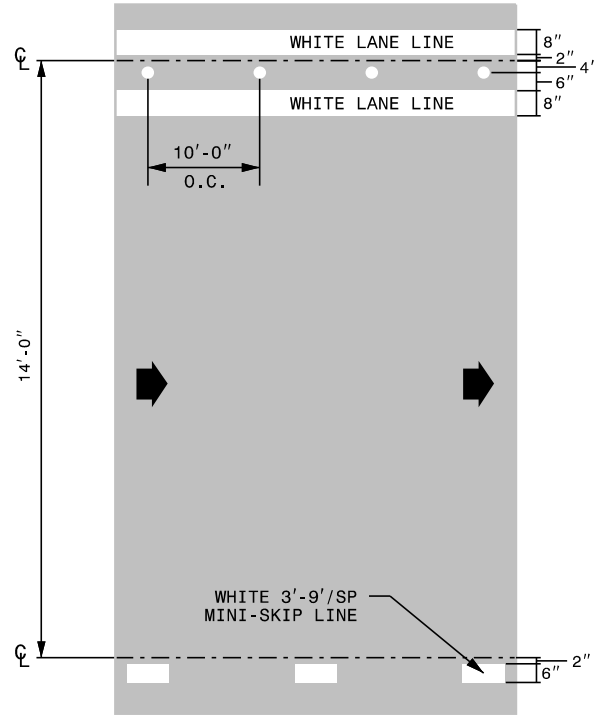
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APRIL 2026

STATE OF
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RALEIGH, N.C.

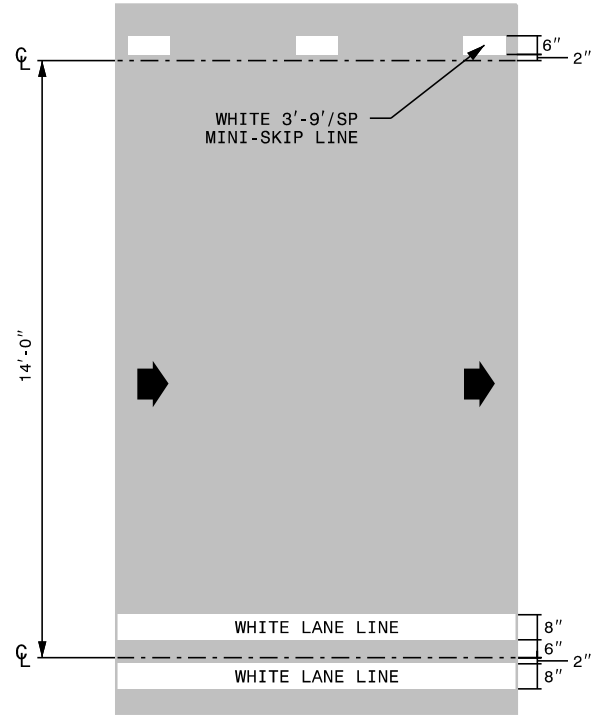
ROADWAY DETAIL DRAWING FOR
NCTA EXPRESS LANE PAVEMENT MARKING
BUFFER SECTION DETAILS

M-04A

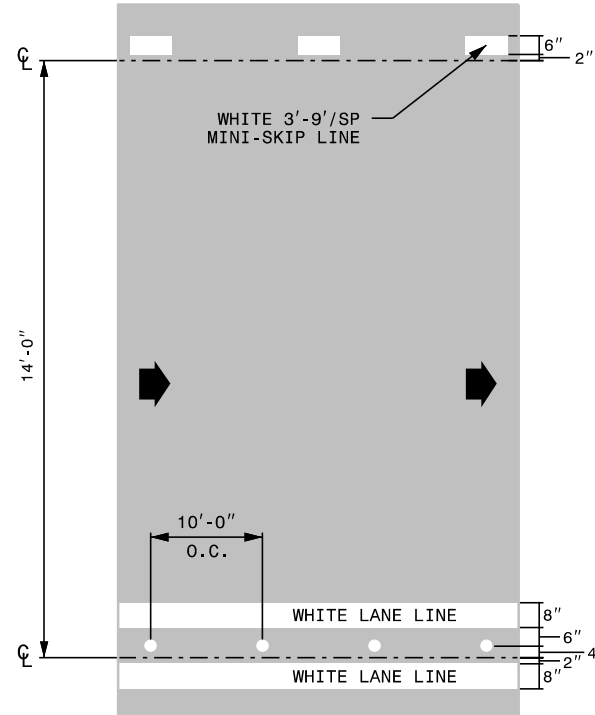
SECTION D-D



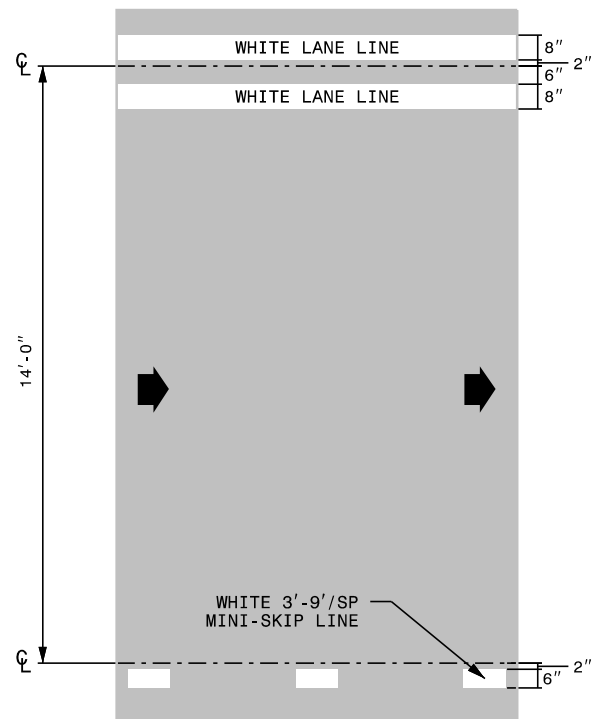
SECTION E-E



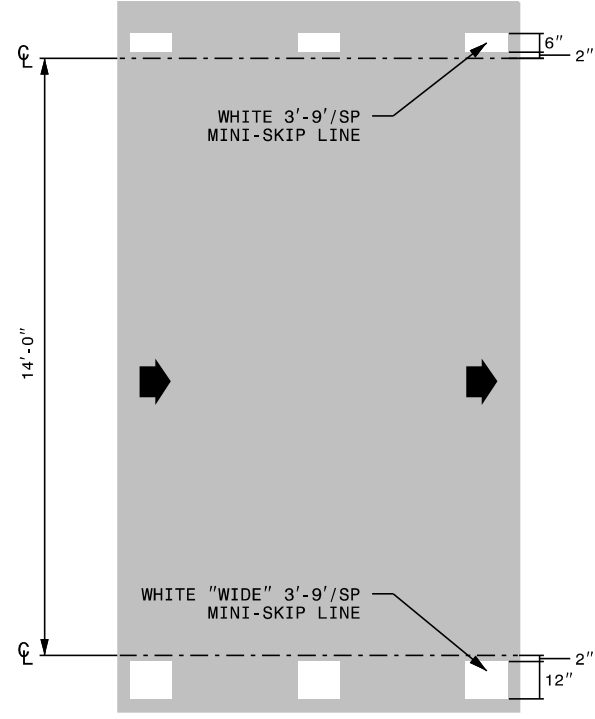
SECTION F-F



SECTION G-G



SECTION H-H



LEGEND

- DIRECTION OF TRAFFIC FLOW
- TUBULAR MARKERS
- LANE LINE FROM ROADWAY PLANS

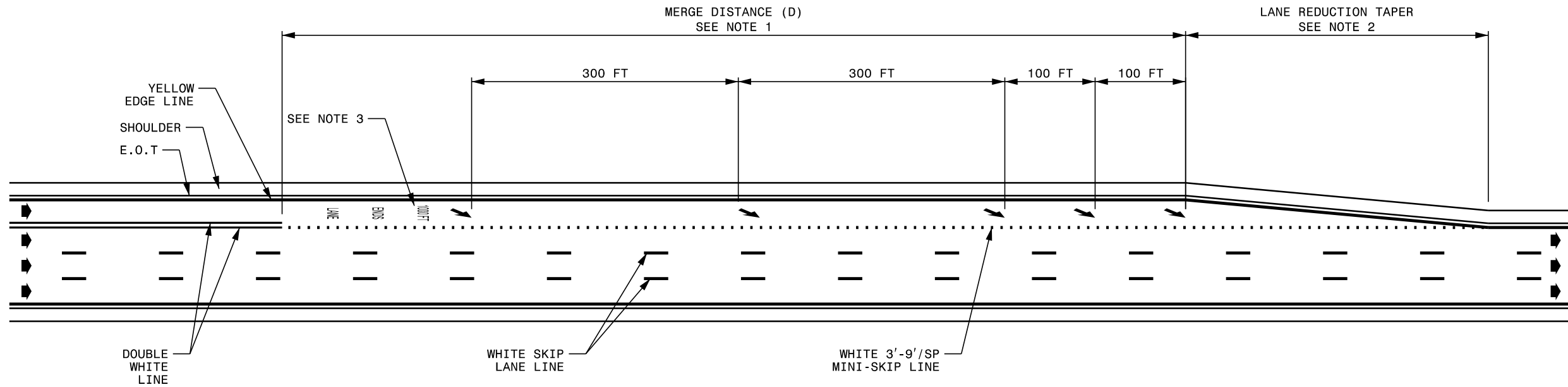
REV. NO.	BY	DATE	DESCRIPTION

NOTES:
1. LONGITUDINAL LINES SHALL BE 2" MINIMUM FROM LONGITUDINAL JOINTS IN CONCRETE AND ASPHALT SURFACES.
2. TUBULAR MARKER SPACING IN BUFFERS AND THROUGH TRANSITION AREAS SHALL NOT EXCEED 10'.

SCALE: N.T.S.
APRIL 2026

ROADWAY DETAIL DRAWING FOR
NCTA EXPRESS LANE PAVEMENT MARKING
MAINLINE LANE ENDS

M-05



LEGEND	
	DIRECTION OF TRAFFIC FLOW
	PAVEMENT WORD MARKINGS AND ARROWS

REV. NO.	BY	DATE	DESCRIPTION

- NOTES:
1. SEE MUTCD TABLE 2C-3. USE CONDITION A FOR MINIMUM DISTANCE.
2. SEE MUTCD FIGURE 3B-14.
3. ADJUST MESSAGE, DISTANCE AND LOCATION AS NECESSARY FOR DESIGN SPEED.

SCALE: N.T.S.
APRIL 2026