

SWZ PCMS FOR DLM EARLY MERGE MESSAGES	
RD WORK AHEAD X (MI OR FT)	PREPARE TO MERGE
SWZ PCMS FOR DLM LATE MERGE MESSAGES	
RD WORK AHEAD X (MI OR FT)	SLOW TRAFFIC AHEAD
RD WORK AHEAD X (MI OR FT)	STOPPED TRAFFIC AHEAD

SWZ PCMS FOR DLM EARLY MERGE MESSAGES	
RIGHT LANE CLOSED	MERGE LEFT
OR	
LEFT LANE CLOSED	MERGE RIGHT
SWZ PCMS FOR DLM LATE MERGE MESSAGES	
LANE CLOSED X (MI OR FT)	STAY IN LANE

SWZ PCMS FOR DLM EARLY MERGE MESSAGES	
RIGHT PCMS	LEFT PCMS
RIGHT LANE CLOSED	MERGE LEFT
OR	
LEFT LANE CLOSED	MERGE RIGHT
SWZ PCMS FOR DLM LATE MERGE MESSAGES	
RIGHT PCMS	LEFT PCMS
MERGE HERE	TAKE TURNS
OR	
MERGING TRAFFIC	TAKE TURNS

SINGLE LANE CLOSURE

GENERAL NOTES:

- L = Taper Length
B = Buffer Length
X = Work Zone Sign Distance
See Index 102-600 for "L", "B", "X", and channelizing device spacing values.
- On undivided highways the median signs as shown are to be omitted.
- On limited access facilities, omit "Shoulder Closed Ahead" signs (W21-5a) and associated work zone sign spacing distances.
- If the paved shoulder is less than 4' in width, omit the taper and channelizing devices from the paved shoulder.
- Move SWZ PCMS 1 upstream, as needed, to ensure SWZ PCMS 1 is viewable to traffic at least 1/2 mile in advance of expected traffic backup. If SWZ PCMS coverage is extended, also extend SWZ Vehicle Detector coverage to within 1/2 mile of the SWZ PCMS coverage and repeat SWZ PCMS 2 as needed to maintain 1/2 mile spacing between PCMS.
- For Limited Access facilities, spacing of SWZ Vehicle Detectors and SWZ PCMS may be adjusted due to actual field conditions as directed or approved by the Engineer. Spacing of SWZ Vehicle Detectors and SWZ PCMS shown apply to urban areas. For rural areas, spacing between SWZ devices may be increased from 2X to 4X retaining PCMS/Vehicle Detector locations as shown for SWZ PCMS 1, 2, and 4 and PCMS messages as shown for PCMS 1, 3, and 4. Device spacing for suburban areas should be determined based on whether traffic is most similar to urban or rural conditions.

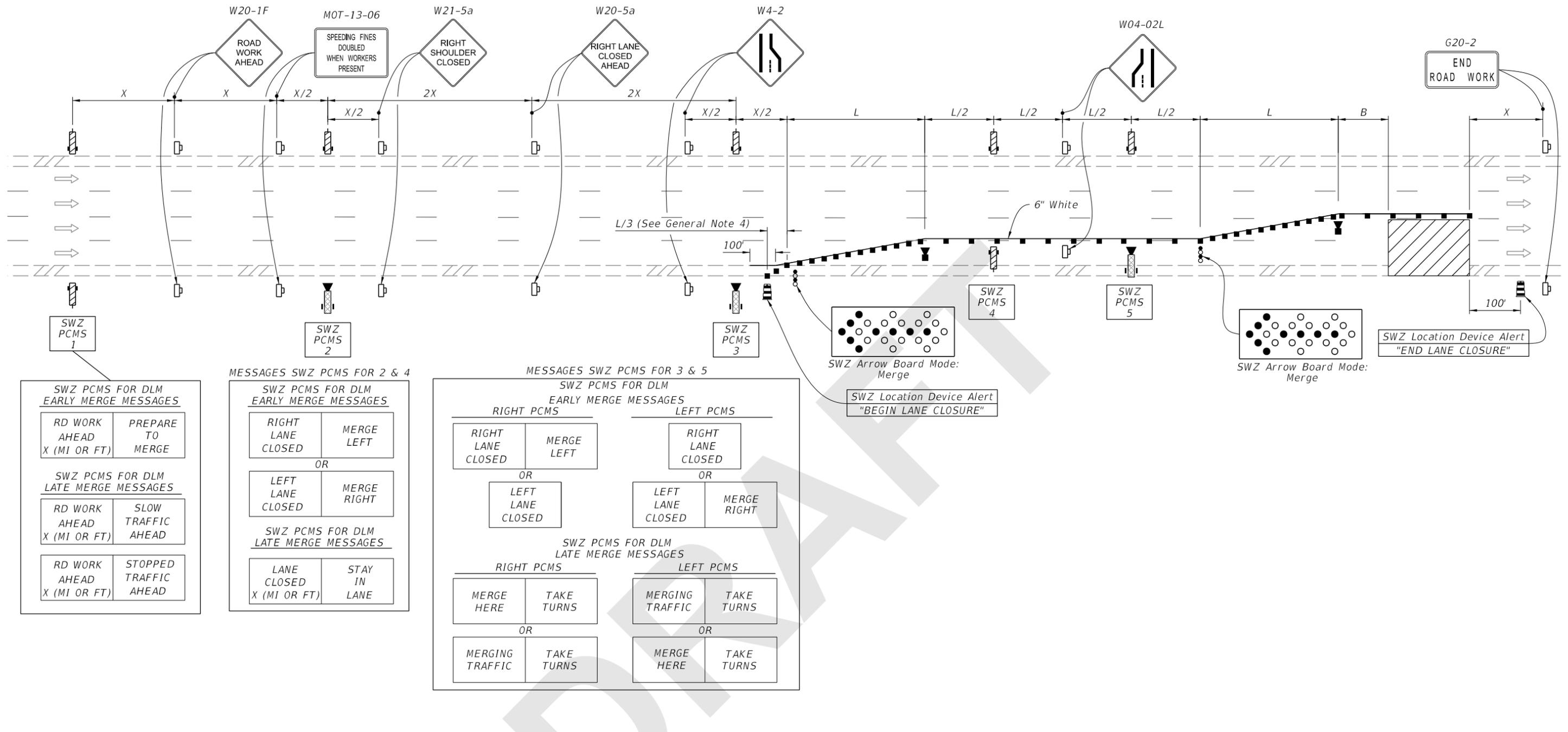
SYMBOLS:

- Work Area
- Channelizing Device (See Index 102-600)
- Work Zone Sign
- SWZ Arrow Board
- Lane Identification and Direction of Traffic
- (4) SWZ Portable Changeable Message Sign (PCMS)
- (2) SWZ Portable Changeable Message Sign (PCMS) With SWZ Vehicle Detectors
- (1) SWZ Vehicle Detector
- (2) SWZ Location Device

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SWZ PCMS FOR DLM EARLY MERGE MESSAGES

RD WORK AHEAD X (MI OR FT)	PREPARE TO MERGE
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SWZ PCMS FOR DLM LATE MERGE MESSAGES

RD WORK AHEAD X (MI OR FT)	SLOW TRAFFIC AHEAD
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RD WORK AHEAD X (MI OR FT)	STOPPED TRAFFIC AHEAD
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MESSAGES SWZ PCMS FOR 2 & 4

SWZ PCMS FOR DLM EARLY MERGE MESSAGES

RIGHT LANE CLOSED	MERGE LEFT
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OR

LEFT LANE CLOSED	MERGE RIGHT
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SWZ PCMS FOR DLM LATE MERGE MESSAGES

LANE CLOSED X (MI OR FT)	STAY IN LANE
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MESSAGES SWZ PCMS FOR 3 & 5

SWZ PCMS FOR DLM EARLY MERGE MESSAGES

RIGHT LANE CLOSED	MERGE LEFT
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OR

LEFT LANE CLOSED	MERGE RIGHT
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SWZ PCMS FOR DLM LATE MERGE MESSAGES

MERGE HERE	TAKE TURNS
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OR

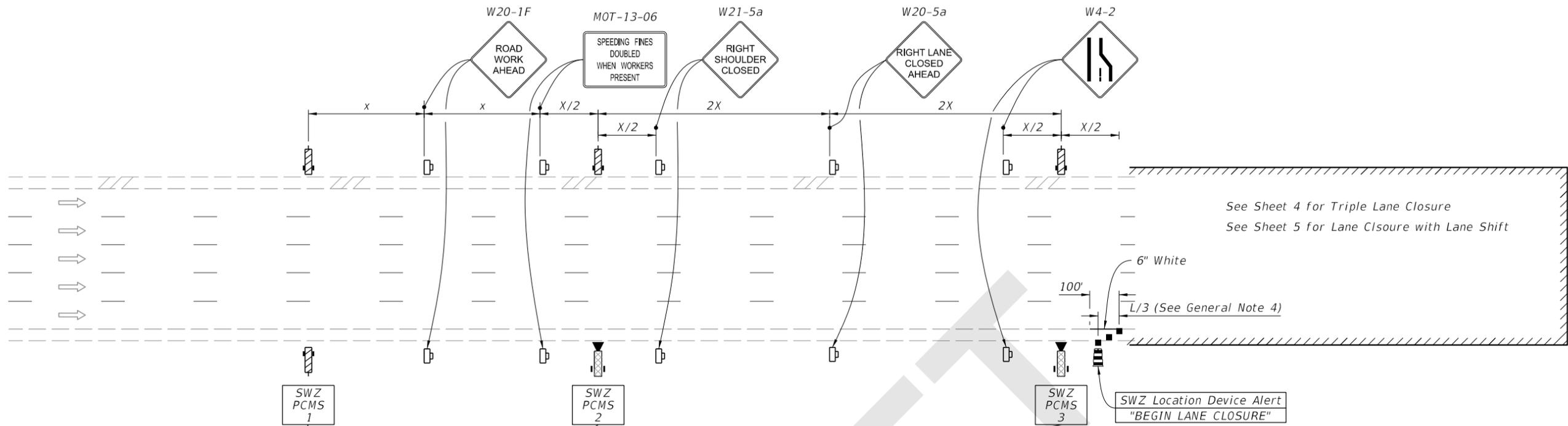
MERGING TRAFFIC	TAKE TURNS
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DOUBLE LANE CLOSURE

SYMBOLS:

- Work Area
- Channelizing Device (See Index 102-600)
- Work Zone Sign
- (2) SWZ Arrow Board
- Lane Identification and Direction of Traffic
- (3) SWZ Portable Changeable Message Sign (PCMS) With SWZ Vehicle Detectors
- (7) SWZ Portable Changeable Message Sign (PCMS)
- (2) SWZ Vehicle Detector
- (2) SWZ Location Device

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SWZ PCMS 1

SWZ PCMS FOR DLM EARLY MERGE MESSAGES	
RD WORK AHEAD X (MI OR FT)	PREPARE TO MERGE
SWZ PCMS FOR DLM LATE MERGE MESSAGES	
RD WORK AHEAD X (MI OR FT)	SLOW TRAFFIC AHEAD
RD WORK AHEAD X (MI OR FT)	STOPPED TRAFFIC AHEAD

SWZ PCMS 2

SWZ PCMS FOR DLM EARLY MERGE MESSAGES	
RIGHT LANE CLOSED	MERGE LEFT
OR	
LEFT LANE CLOSED	MERGE RIGHT
SWZ PCMS FOR DLM LATE MERGE MESSAGES	
LANE CLOSED X (MI OR FT)	STAY IN LANE

SWZ PCMS 3

SWZ PCMS FOR DLM EARLY MERGE MESSAGES	
RIGHT PCMS	LEFT PCMS
RIGHT LANE CLOSED	MERGE LEFT
LEFT LANE CLOSED	MERGE RIGHT
OR	
LEFT LANE CLOSED	MERGE RIGHT
RIGHT LANE CLOSED	MERGE LEFT
SWZ PCMS FOR DLM LATE MERGE MESSAGES	
RIGHT PCMS	LEFT PCMS
MERGE HERE	TAKE TURNS
MERGING TRAFFIC	TAKE TURNS
OR	
MERGING TRAFFIC	TAKE TURNS
MERGE HERE	TAKE TURNS

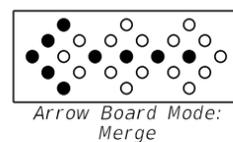
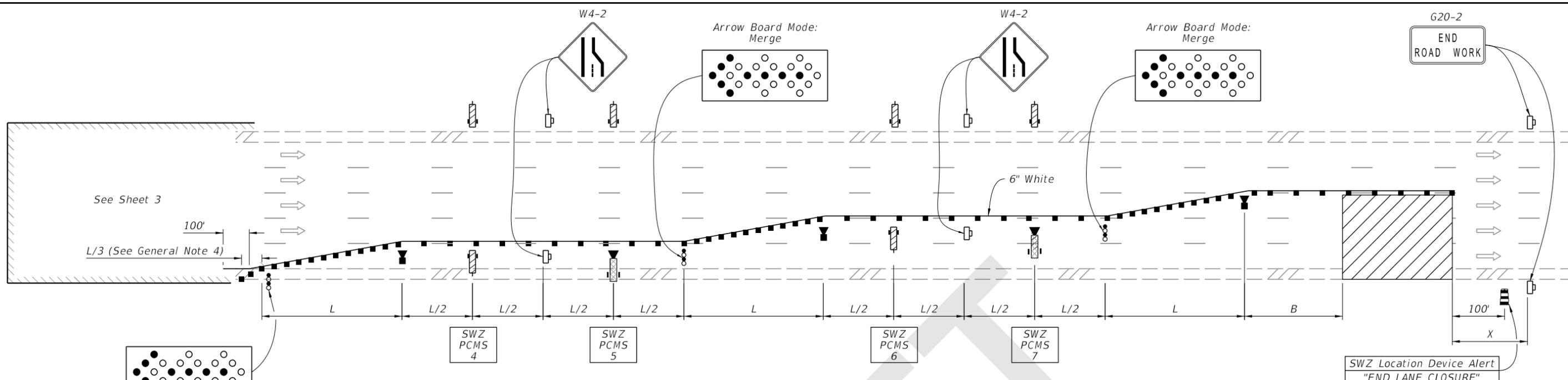
ADVANCE SWZ DETAIL FOR TRIPLE LANE CLOSURE AND LANE CLOSURE WITH SHIFT

SYMBOLS:

- Channelizing Device (See Index 102-600)
- Work Zone Sign
- Lane Identification and Direction of Traffic
- ▨ (2) SWZ Portable Changeable Message Sign (PCMS) With SWZ Vehicle Detectors
- ▨ (4) SWZ Portable Changeable Message Sign (PCMS)
- ▨ (1) SWZ Location Device

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LAST REVISION xx/xx/23	REVISION	DESCRIPTION:	 DEVELOPMENTAL STANDARD PLANS	DYNAMIC LANE MERGE (DLM) - LANE CLOSURE	INDEX D102-613a	SHEET 3 of 5
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MESSAGES SWZ PCMS FOR 4 & 6

SWZ PCMS FOR DLM EARLY MERGE MESSAGES	
RIGHT LANE CLOSED	MERGE LEFT
OR	
LEFT LANE CLOSED	MERGE RIGHT
SWZ PCMS FOR DLM LATE MERGE MESSAGES	
LANE CLOSED X (MI OR FT)	PREPARE TO MERGE

MESSAGES SWZ PCMS FOR 5 & 7

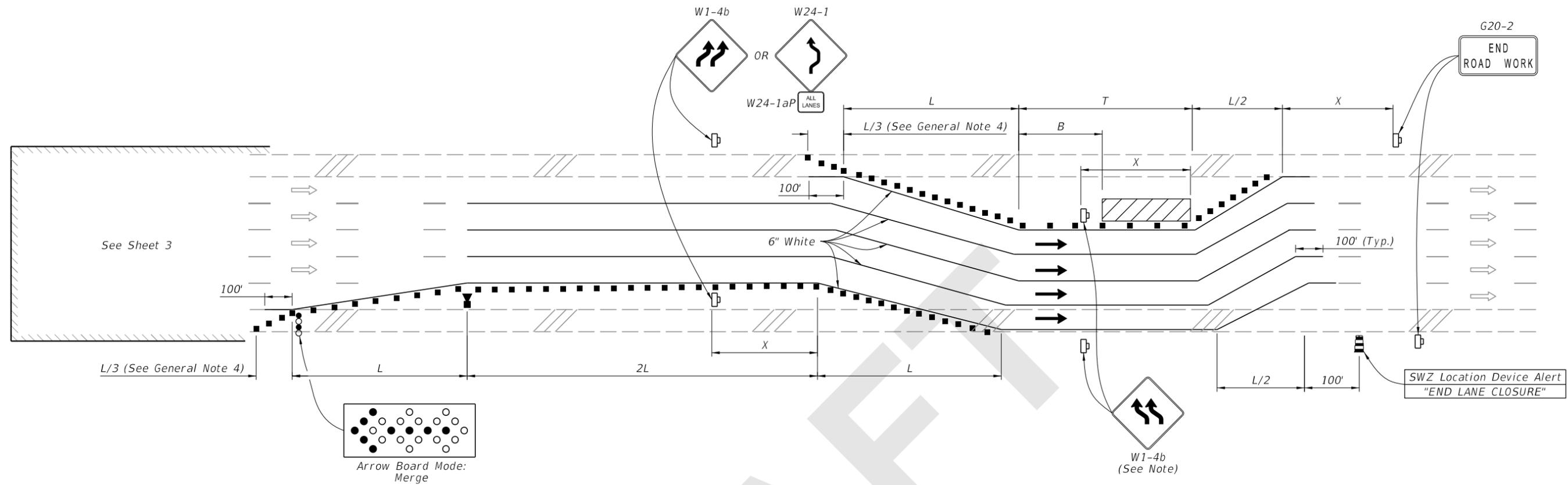
SWZ PCMS FOR DLM EARLY MERGE MESSAGES	
RIGHT PCMS	LEFT PCMS
RIGHT LANE CLOSED	MERGE LEFT
OR	
LEFT LANE CLOSED	MERGE RIGHT
SWZ PCMS FOR DLM LATE MERGE MESSAGES	
RIGHT PCMS	LEFT PCMS
MERGE HERE	TAKE TURNS
OR	
MERGING TRAFFIC	TAKE TURNS

TRIPLE LANE CLOSURE

SYMBOLS:

- Work Area
- Channelizing Device (See Index 102-600)
- Work Zone Sign
- (2) SWZ Arrow Board
- Lane Identification and Direction of Traffic
- (2) SWZ Portable Changeable Message Sign (PCMS) With SWZ Vehicle Detectors
- (6) SWZ Portable Changeable Message Sign (PCMS)
- (3) SWZ Vehicle Detector
- (1) SWZ Location Device

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LANE CLOSURE WITH LANE SHIFT

NOTE:

If the tangent distance "T" is less than 600', then use "Double Reverse Curve" signs (W24-1a) instead of the first pair of "Reverse Curve" signs (W1-4b) and omit the second pair of "Reverse Curve" signs.

SYMBOLS:

-  Work Area
-  Channelizing Device (See Index 102-600)
-  Work Zone Sign
-  SWZ Arrow Board
-  Lane Identification and Direction of Traffic
-  (1) SWZ Vehicle Detector
-  (1) SWZ Location Device

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LAST REVISION	REVISION	DESCRIPTION:
xx/xx/23		



DEVELOPMENTAL
STANDARD PLANS

DYNAMIC LANE MERGE (DLM) - LANE CLOSURE

INDEX
D102-613a

SHEET
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