
Index 102-628 Two-Way Left Turn Lanes

ORIGINATION

Date: 9-9-2021

Name: Rick Jenkins

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COMMENTARY

The "B" dimension was moved to in front of the shadow vehicle to match the MUTCD definition of a Buffer Zone where nothing can be placed in that area. The arrow boards were changed to display "caution" mode because Directional modes on Arrow Boards have not been permitted in the MUTCD for shifting tapers and shoulder closed tapers. Changed the sign to a W1-4L as this sign more accurately applies. The duration provisions of the index are intended to apply to the length time needed to perform the specific temporary traffic control work "operation" shown, which is independent of the duration of an overall construction project. The term "Work Zone" is being replaced with "Work Operation" to clarify the intent.

COMMENTS AND RESPONSES

BLACK = Industry Review Comments **RED** = Standard Plans Response **GREEN** = Change Made to Index

Name: Ryan Drendel

Date: 9-9-2021

COMMENT:

Rick,

Two comments on Index 102-628:

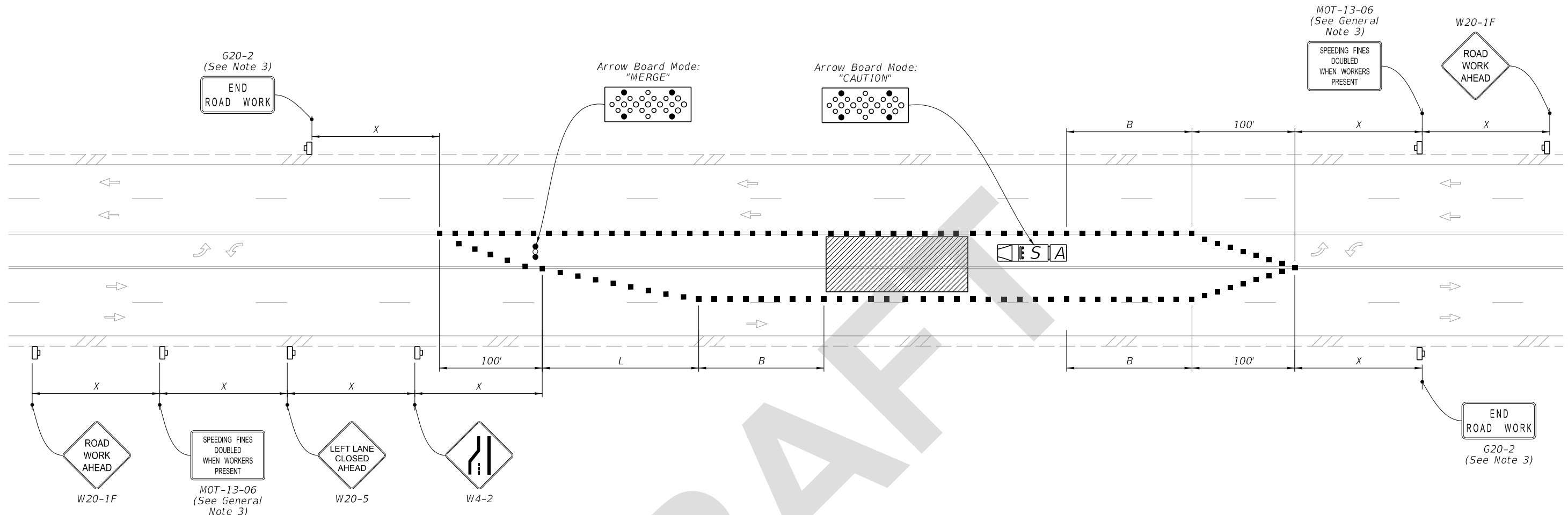
- On sheet 1 for traffic headed to the right, it seems that the arrow board should remain in "MERGE" mode rather than changing it to "CAUTION" mode since there is a lane closure for that direction of travel.
- On sheet 3, W1-4 or W24-1 signs may be more appropriate than the W20-5aR sign shown, since it is a lane shift not a lane closure.

RESPONSE: Agreed, this will remain in "MERGE" mode. For Sheet 3, I agree that the W1-4 WZ sign is more appropriate than the W20-5aR.

Change Made: On Sheet 1, revert the arrow board back to "MERGE" mode. Sheet 3 will be updated to have the W20-5aR sign replaced with the W1-4L.

Date: 9-10-2021

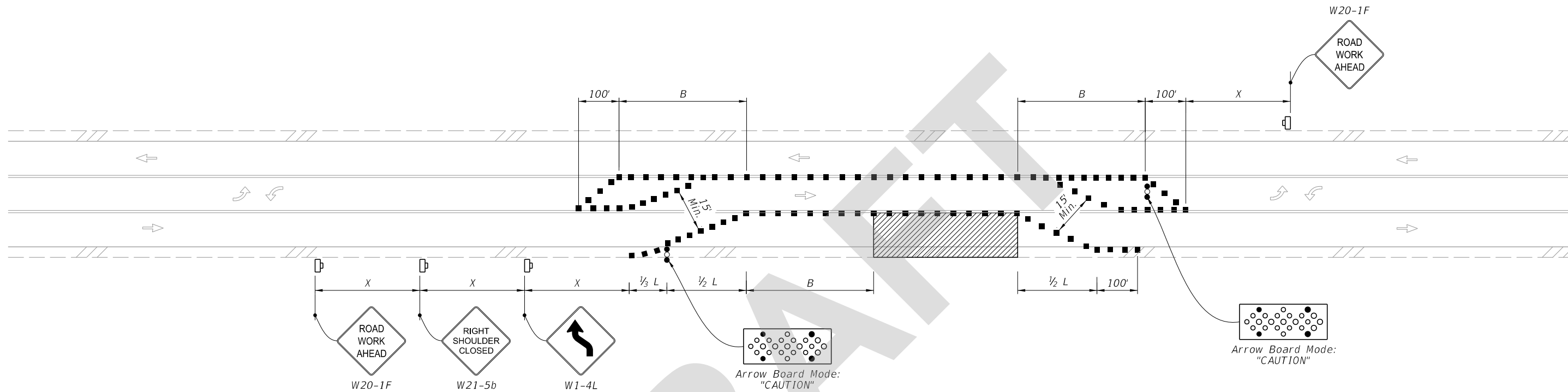
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TEMPORARY MULTILANE, TWO-WAY LEFT-TURN LANE, TURN LANE CLOSURE
 (Closure of One Inside Lane Shown, Closure of both Similar)







- SYMBOLS:**
- Work Area
 - Channelizing Device (See Index 102-600)
 - Work Zone Sign
 - Arrow Board
 - Shadow (S) Vehicle With Warning Lights And Arrow Board
 - Truck/Trailer Mounted Attenuator (TMA)
 - Lane Identification and Direction of Traffic

- GENERAL NOTES:**
1. This Index applies to roadways with work in the two-way left-turn lane.
 2. L = Taper Length
 X = Work Zone Sign Distance
 B = Buffer Length
 See Index 102-600 for "L", "X", "B", and channelizing device spacing values.
 3. The "Speeding Fines Doubled When Workers Present" signs (MOT-13-06) and "End Road Work" Sign (G20-2), along with associated Work Zone Sign Distances, may be omitted when the work operation will be in place for 24 hours or less.
 4. If closure of both inside lanes on multilane roadways is needed, duplicate lane closure and merge; signs, channelizing devices, taper, and arrow board, for both directions




TEMPORARY SHIFT TO TWO-WAY LEFT-TURN LANE, WORK WITHIN THE TRAVELED WAY
 WITH LANE CLOSURES OF 24 HRS OR LESS AND WORK ZONE SPEED OF 45 MPH OR LESS

SYMBOLS:

-  Work Area
-  Channelizing Device (See Index 102-600)
-  Work Zone Sign
-  Arrow Board
-  Flagger
-  Lane Identification and Direction of Traffic

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LAST REVISION 11/01/21	REVISION	DESCRIPTION:	 FY 2022-23 STANDARD PLANS	TWO-WAY LEFT-TURN LANES	INDEX 102-628	SHEET 3 of 3
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