
Index 102-603

Two-Lane, Two-Way, Work Within The Travel Way

ORIGINATION

Date: 6/15/21

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COMMENTARY

Sheet 1: Changed Note 6 - "work zone" to "work operations"; Changed Note 8B - "work zone" to "work operations"; Changed Note 9 - "ridable shoulder" to "4' or greater paved Shoulder".

Sheet 2: Updated the TEMPORARY LANE SHIFT... title to add "(For Work Operations in Place 24 Hours or Less)"

COMMENTS AND RESPONSES

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

Name: Anonymous

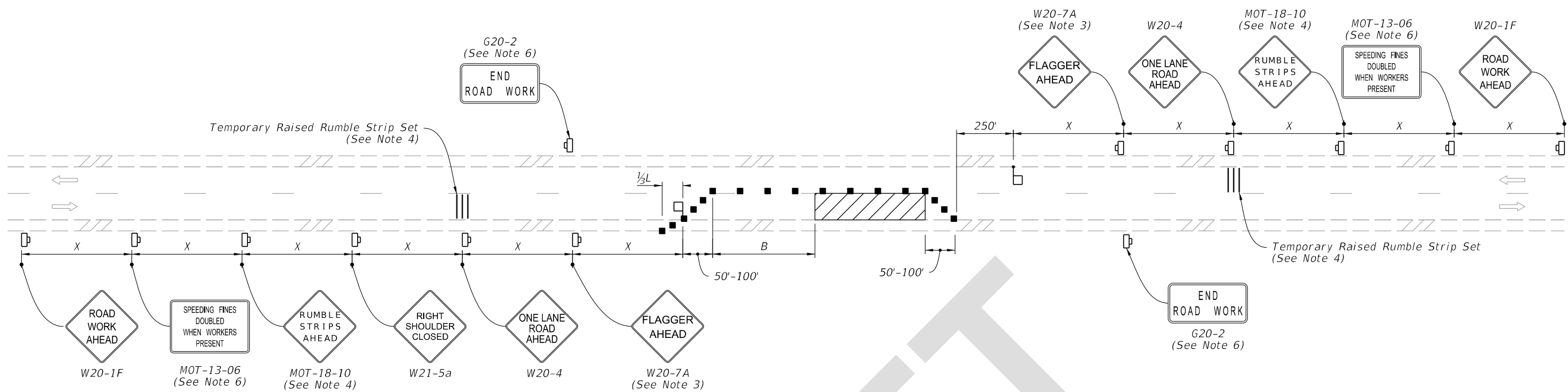
Date: 8/31/2021

COMMENT: Is the 4-ft paved shoulder provision intended to apply to all roadway types (i.e., limited access facilities vs. Arterials/Collectors)?

RESPONSE: No, only 4' or wider paved shoulder on non-limited access facilities are considered "Bicycle Facilities".

Change Made: Instead of revising the Note further, it has been decided to remove the redundant note from all relevant 102 Series Indexes. The FDM provides guidance on bicycle accommodations and Specification 102-3.4 will be updated to clarify the definition of a "Bicycle Facility" (i.e., existing marked Bicycle Lane or a 4' or greater paved shoulder on non-limited access roadways). **Note Deleted.**

Date: 8/31/2021



NOTES:

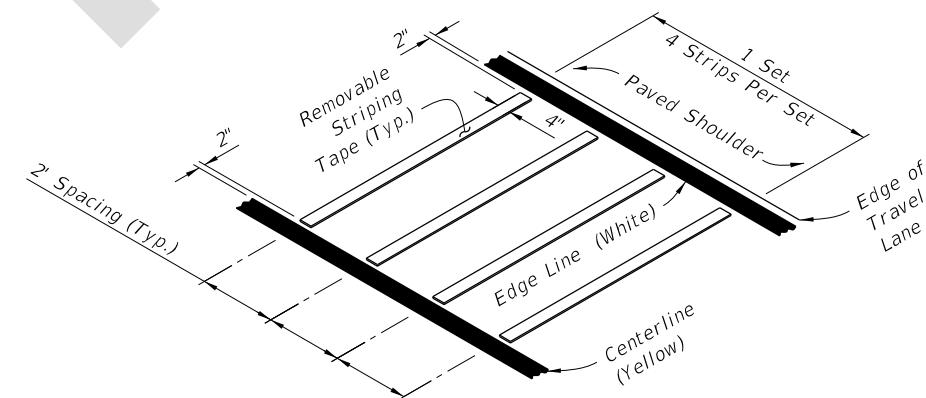
1. This Index applies to Two-Lane, Two-Way Roadways with work within the traveled way.
2. L = Taper Length
B = Buffer Length
X = Work Zone Sign Spacing
See Index 102-600 for "L", "B", "X" and channelizing device spacing values.
3. Optionally, use "Flagger Ahead" sign with symbol (W20-7) instead of "Flagger Ahead" sign with text (W20-7A).
4. Use temporary raised rumble when the existing posted speed is 55 mph or greater and the work duration is greater than 60 minutes. If temporary raised rumble strips are not used, omit "Rumble Strips Ahead" signs (MOT-18-10) and associated work zone sign spacing.
5. Additional one-way control may be provided by the following means:
 - a. Flag-carrying vehicle
 - b. Official vehicle
 - c. Pilot vehicles
 - d. Traffic signals

When flaggers are the sole means of one-way control, the flaggers must be in sight of each other or in direct communication at all times.

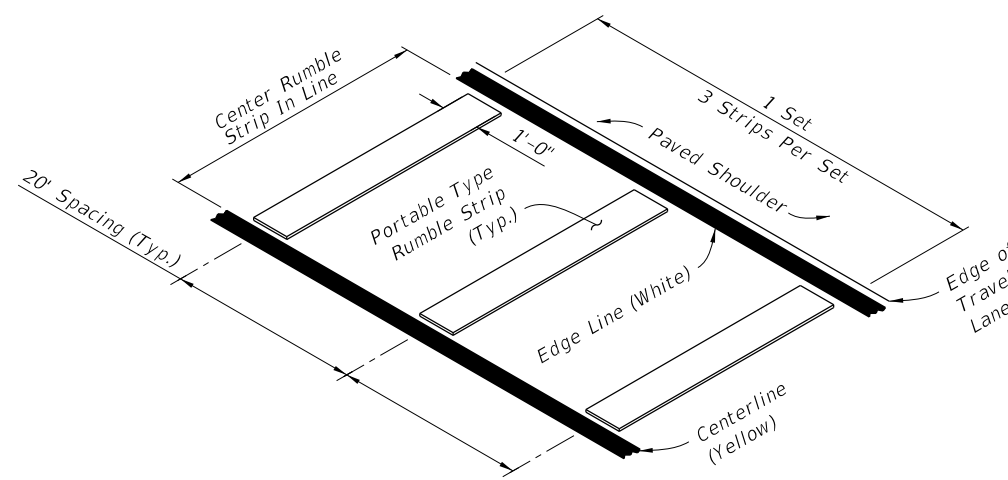
SYMBOLS:

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

6. The "Speeding Fines Doubled When Workers Present" signs (MOT-13-06) and "End Road Work" signs (G20-2), along with associated work zone sign spacing, may be omitted when the work operation will be in place for 24 hours or less.
7. Automated Flagger Assistance Devices (AFADs) may be used in accordance with Specification Sections 102, 990 and the APL vendor drawings.
8. Railroad Crossings:
 - a. If an active railroad crossing is located closer to the Work Area than the queue length plus 300 feet, extend the Buffer Space as shown on Sheet 2.
 - b. If the queuing of vehicles across an active railroad crossing cannot be avoided, provide a uniformed traffic control officer or flagger at the highway-rail grade crossing to prevent vehicles from stopping within the highway-rail grade crossing, even if automatic train warning devices are in place.



**OPTION - 1
REMOVABLE STRIPING TYPE**



**OPTION - 2
PORTABLE TYPE**

RUMBLE STRIP SETS

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LAST REVISION 11/01/21	REVISION	DESCRIPTION:	 FY 2022-23 STANDARD PLANS	TWO-LANE, TWO-WAY WORK WITHIN THE TRAVEL WAY	INDEX 102-603	SHEET 1 of 2
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