
ORIGINATION FORM

Proposed Revisions to a Standard Plans Index
(Please provide all information — Incomplete forms will be returned)

Contact Information:

Date: February 2, 2022
Originator: James McGinnis
Phone: 414-4952
Email: James.McGinnis@dot.state.fl.us

Standard Plans:

Index Number: 102-602
Sheet Number (s): 1 and 2 of 2
Index Title: Two-Lane and Multilane, Work on Shoulder

Summary of the changes:

Sheet 1: Changed "Notes" To "General Notes"; Added General Note 10 "Shadow Vehicle required..."

Sheet 2: Added Shadow Vehicle, Attenuator and Buffer dimension to the MULTILANE ROADWAY -SHOULDER WORK BETWEEN 2' AND 15' FROM THE TRAVELED WAY detail; Added the Shadow Vehicle and Attenuator to the Symbols

Commentary / Background:

Shadow vehicles were added to the high-speed details for TMAs to be included in the TTCP. A new note was added for the Engineer to omit the TMA if it is not feasible to have one in the site specific work zone.

Other Affected Offices / Documents: (Provide name of person contacted)

Yes	No	
☐	☒	Other Standard Plans –
☐	☒	FDOT Design Manual –
☐	☒	Basis of Estimates Manual –
☐	☒	Standard Specifications –
☐	☒	Approved Product List –
☐	☒	Construction –
☐	☒	Maintenance –

Origination Package Includes:

(Email or hand deliver package to Rick Jenkins)

Yes	N/A	
☒	☐	Redline Mark-ups
☐	☒	Proposed Standard Plan Instruction (SPI)
☐	☒	Revised SPI
☐	☒	Other Support Documents

Implementation:

☐	Design Bulletin (Interim)
☐	DCE Memo
☐	Program Mgmt. Bulletin
☒	FY-Standard Plans (Next Release)

Contact the Roadway Design Office for assistance in completing this form

Email to: Rick Jenkins rick.jenkins@dot.state.fl.us and Darren Martin darren.martin@dot.state.fl.us

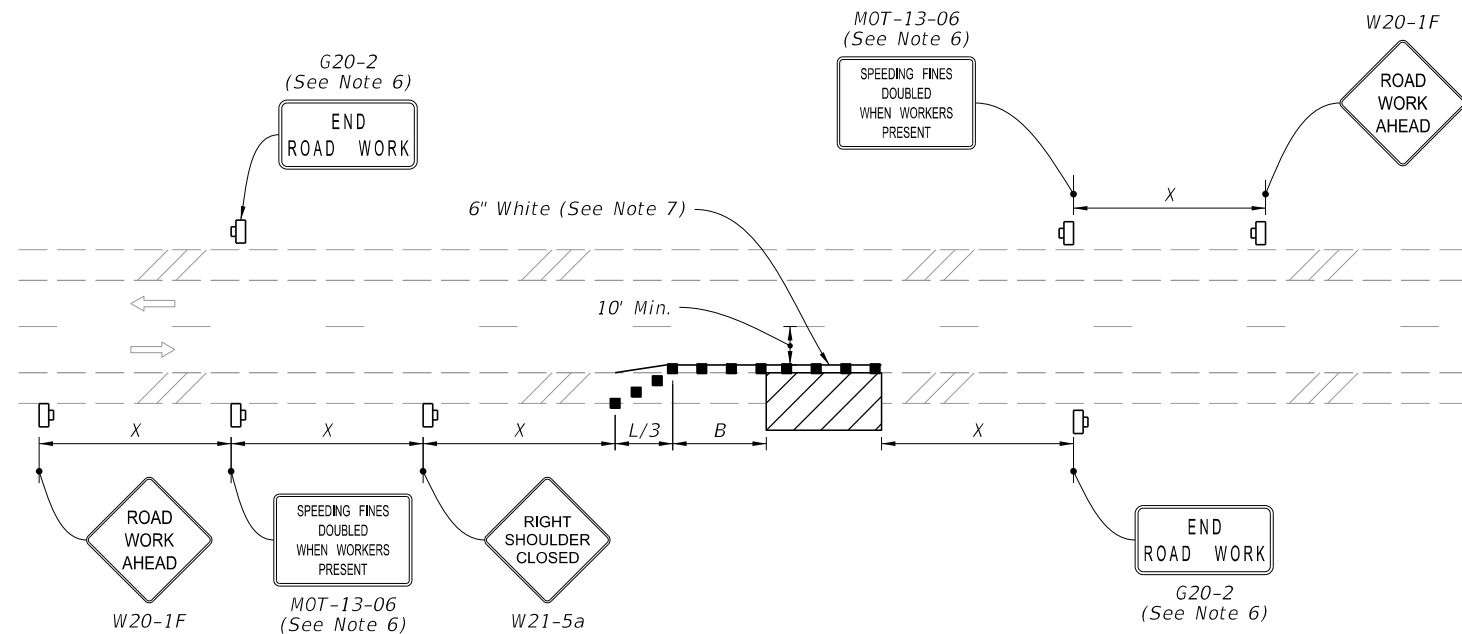
NOTE: GENERAL NOTES:

1. This Index applies to Two-Lane, Two-Way and Multilane Roadways, including Medians of divided roadways, with work on the shoulder.
2. L = Taper Length
 X = Work Zone Sign Spacing
 B = Buffer Length
See Index 102-600 for " L ", " X ", " B ", and channelizing device spacing values.
3. Where work activities are between 2' and 15' from the edge of traveled way, the Engineer may omit signs and channelizing devices for work operations 60 minutes or less.
4. When four or more work vehicles enter the through traffic lanes in a one hour period (excluding establishing and terminating the work area), use a flagger or lane closure to accommodate work vehicle ingress and egress.
5. For work less than 2' from the traveled way and work zone speed is greater than 45 MPH, use a lane closure.
6. The "Speeding Fines Doubled When Workers Present" signs (MOT-13-06) and "End Road Work" Signs (G20-2) along with the associated work zone sign spacing distances may be omitted when the work operation is in place for 24 hours or less.
7. Temporary pavement markings may be omitted when the work operation is in place for 3 days or less.
8. Omit "Shoulder Closed" signs (W21-5a) along with associated work zone sign spacing distances for work on the median.
9. When there is no paved shoulder, the "Worker" sign (W21-1) may be used instead of the "Shoulder Closed" sign (W21-5a).

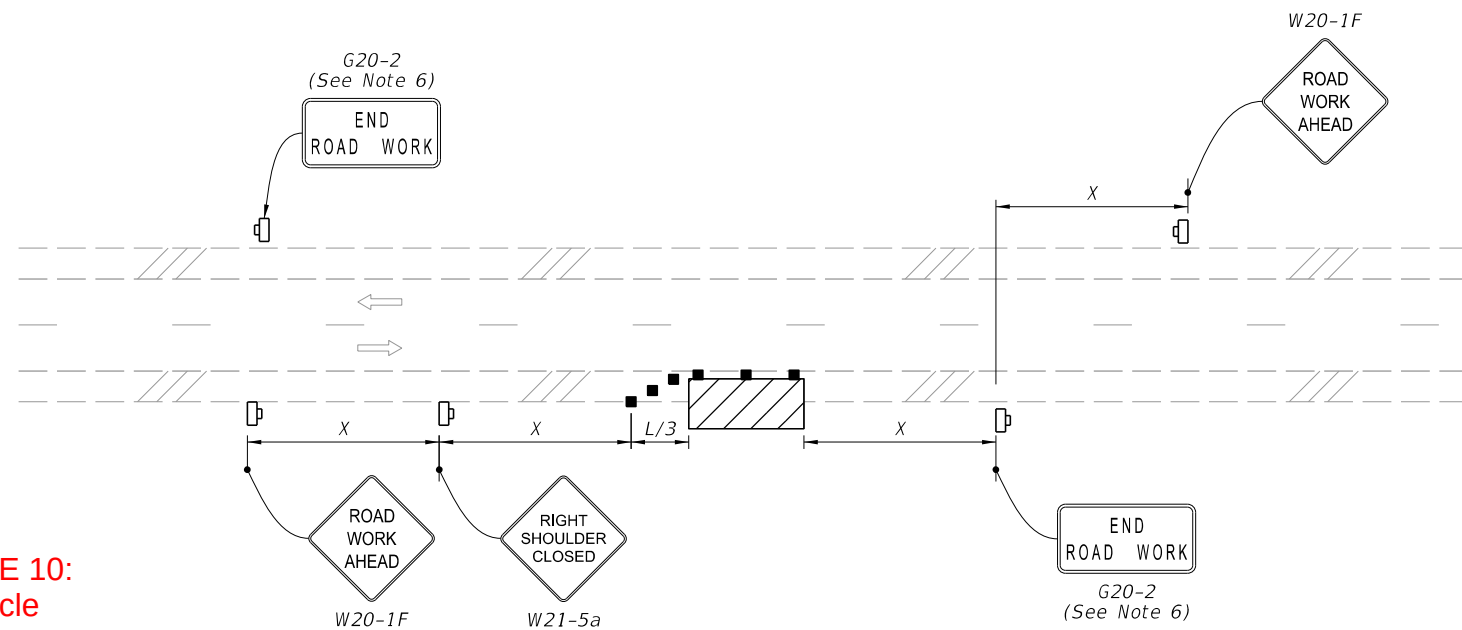
SYMBOLS:

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

ADDED NOTE 10:
Shadow Vehicle
required...



TWO-LANE ROADWAY
SHOULDER WORK LESS THAN 2' FROM THE TRAVELED WAY
WITH WORK ZONE SPEED OF 45 MPH OR LESS

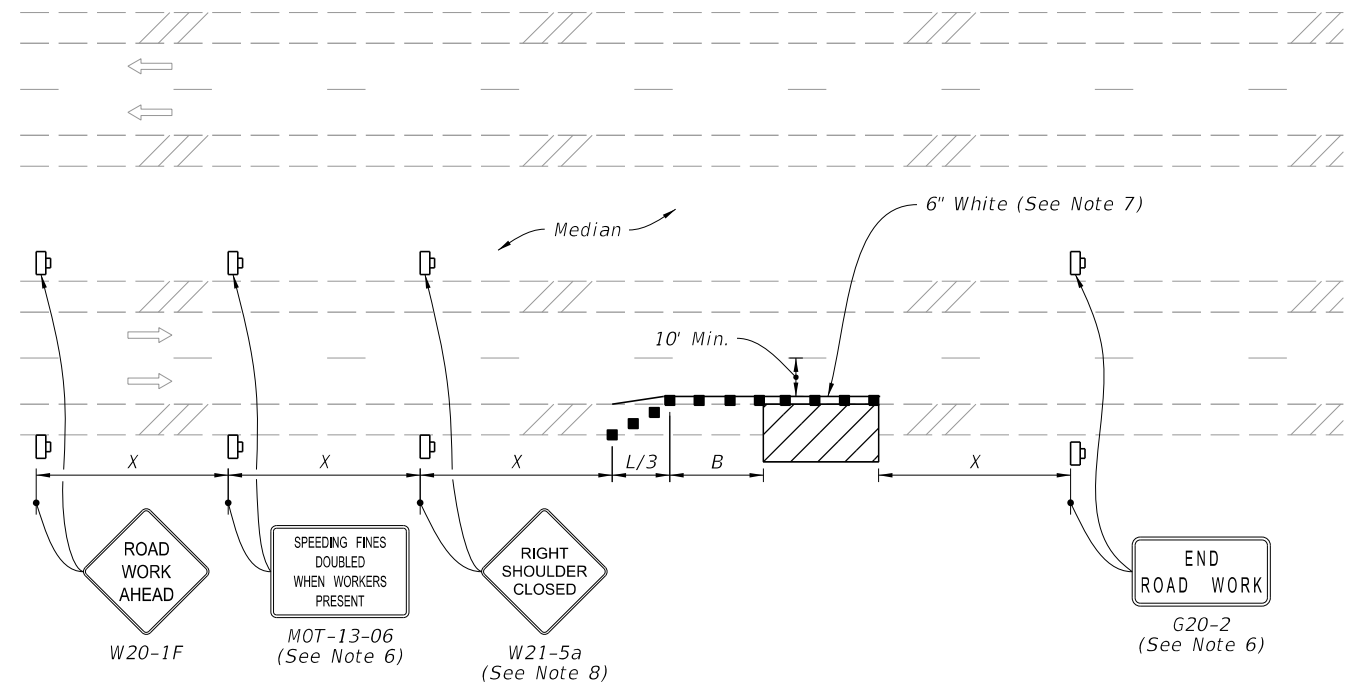


TWO-LANE ROADWAY
SHOULDER WORK BETWEEN 2' AND 15' FROM THE TRAVELED WAY

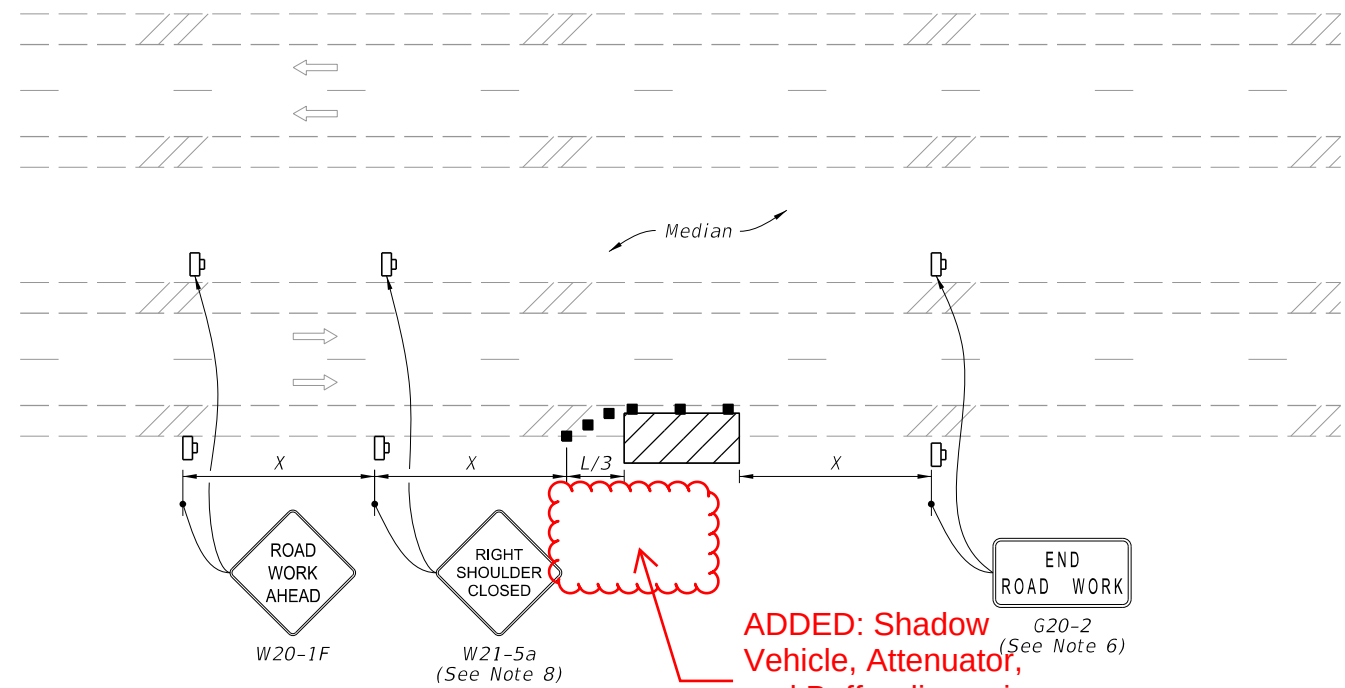
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LAST REVISION		DESCRIPTION:	FDOT FY 2022-23 STANDARD PLANS	TWO-LANE AND MULTILANE, WORK ON SHOULDER	INDEX 102-602	SHEET 1 of 2
11/01/21	11/01/22					

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MULTILANE ROADWAY
SHOULDER WORK LESS THAN 2' FROM THE TRAVELED WAY
WITH WORK ZONE SPEED OF 45 MPH OR LESS



MULTILANE ROADWAY
SHOULDER WORK BETWEEN 2' AND 15' FROM THE TRAVELED WAY

SYMBOLS:

Work Area

Channelizing Device (See Index 102-600)

Work Zone Sign

Lane Identification and Direction of Traffic

ADDED: Shadow
Vehicle and Attenuator

ADDED: Shadow
Vehicle, Attenuator,
and Buffer dimension

LAST REVISION	DESCRIPTION:
11/01/20	
11/01/22	



FY 2022-23
STANDARD PLANS

TWO-LANE AND MULTILANE, WORK ON SHOULDER

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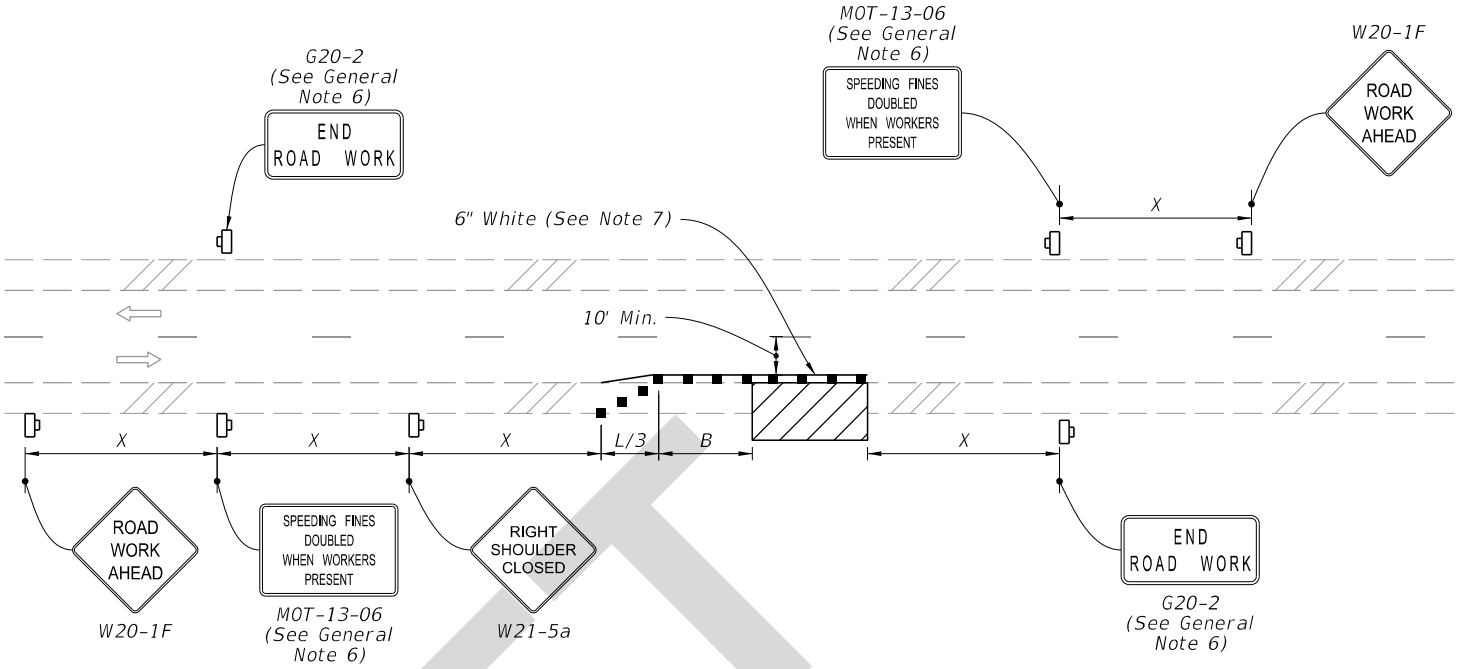
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GENERAL NOTES:

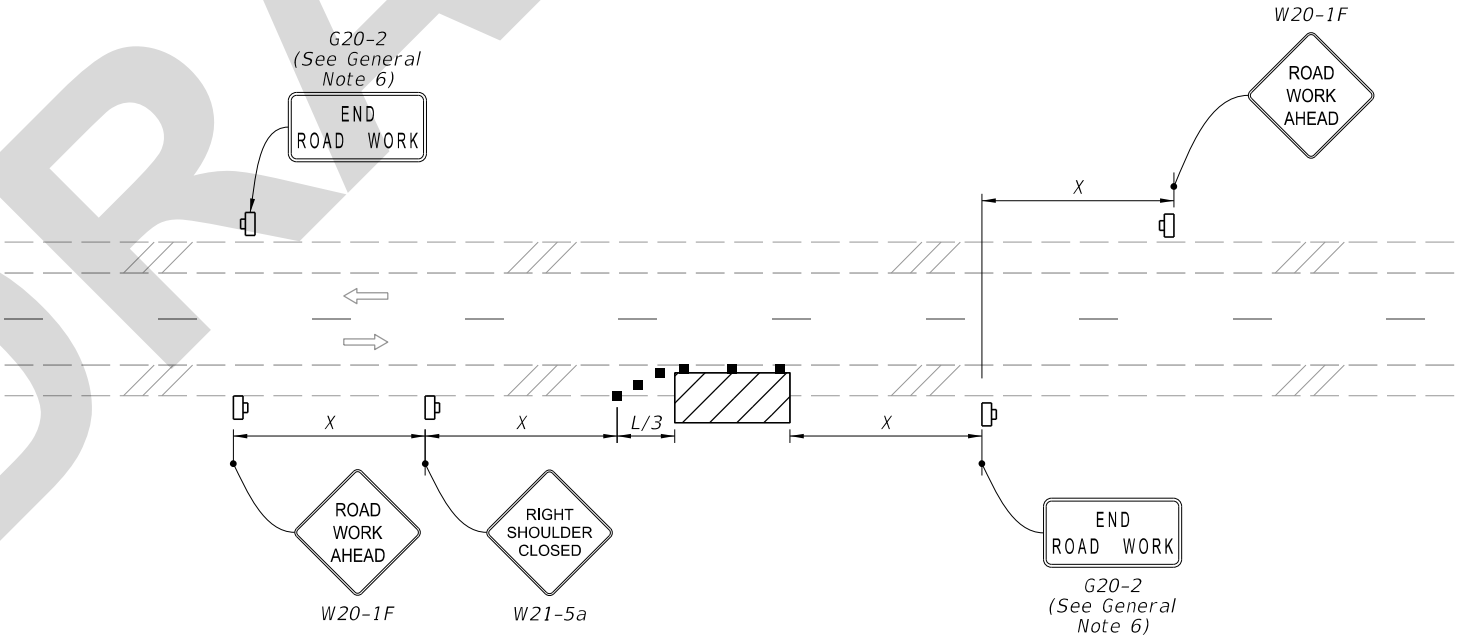
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4. When four or more work vehicles enter the through traffic lanes in a one hour period (excluding establishing and terminating the work area), use a flagger or lane closure to accommodate work vehicle ingress and egress.
5. For work less than 2' from the traveled way and work zone speed is greater than 45 MPH, use a lane closure.
6. The "Speeding Fines Doubled When Workers Present" signs (MOT-13-06) and "End Road Work" Signs (G20-2) along with the associated work zone sign spacing distances may be omitted when the work operation is in place for 24 hours or less.
7. Temporary pavement markings may be omitted when the work operation is in place for 3 days or less.
8. Omit "Shoulder Closed" signs (W21-5a) along with associated work zone sign spacing distances for work on the median.
9. When there is no paved shoulder, the "Worker" sign (W21-1) may be used instead of the "Shoulder Closed" sign (W21-5a).
10. A shadow vehicle is required for multilane roadways with a work zone speed greater than 45 MPH. The Engineer may omit the shadow vehicle where it is not feasible.

SYMBOLS:

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



TWO-LANE ROADWAY
SHOULDER WORK LESS THAN 2' FROM THE TRAVELED WAY
WITH WORK ZONE SPEED OF 45 MPH OR LESS



TWO-LANE ROADWAY
SHOULDER WORK BETWEEN 2' AND 15' FROM THE TRAVELED WAY



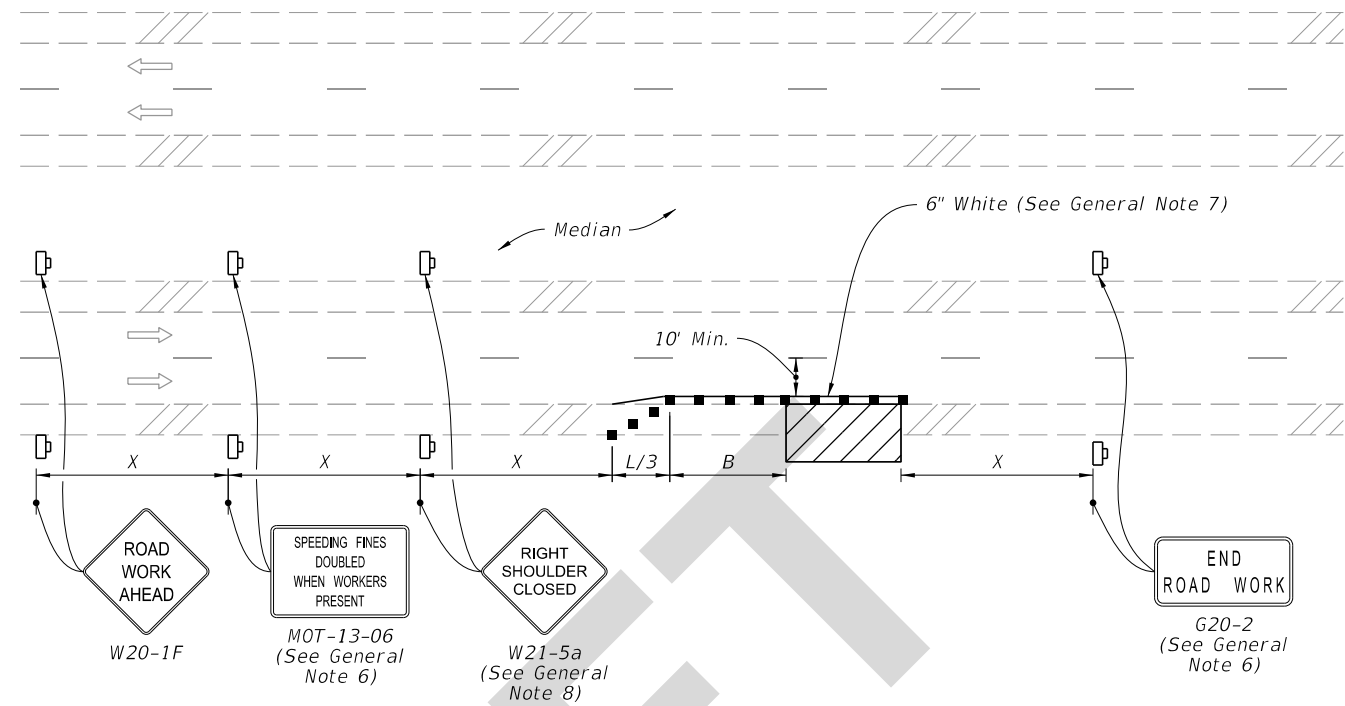
FY 2023-24
STANDARD PLANS

TWO-LANE AND MULTILANE, WORK ON SHOULDER

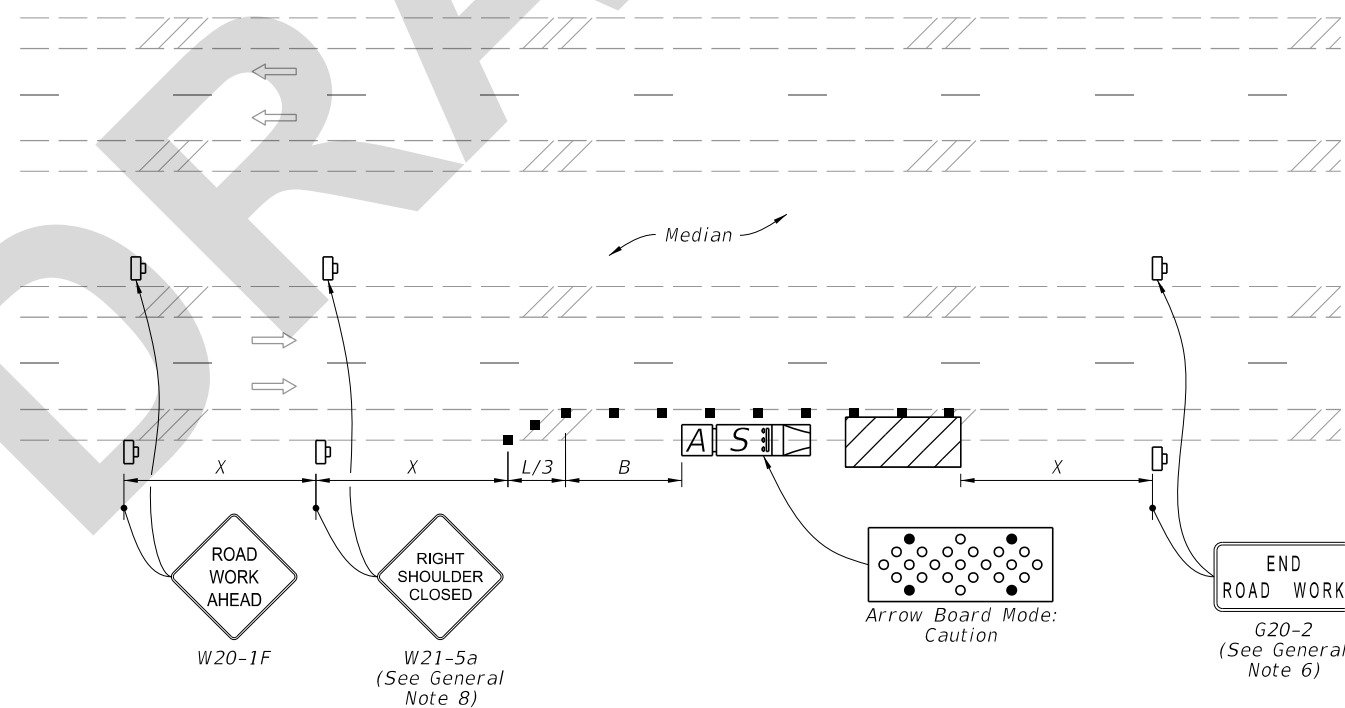
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MULTILANE ROADWAY
SHOULDER WORK LESS THAN 2' FROM THE TRAVELED WAY
WITH WORK ZONE SPEED OF 45 MPH OR LESS



MULTILANE ROADWAY
SHOULDER WORK BETWEEN 2' AND 15' FROM THE TRAVELED WAY

SYMBOLS:

Work Area

Channelizing Device (See Index 102-600)

Work Zone Sign

Lane Identification and Direction of Traffic

Truck/Trailer Mounted Attenuator (TMA)

Shadow (S) Vehicle With Warning Lights
And Arrow Board



FY 2023-24
STANDARD PLANS

TWO-LANE AND MULTILANE, WORK ON SHOULDER

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LAST
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REVISION
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