ORIGINATION FORM

Proposed Revisions to a Standard Plans Index

(Please provide all information — Incomplete forms will be returned)

Contact Information:

Date: May 26, 2020

Originator: Derwood Sheppard

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Standard Plans:

Index Number: 102-606

Sheet Number (s): 4

Index Title: Two-Lane, Two-Way, Work Within the Travel Way-Signal Control

Summary of the changes:

Sheet 1: Revised General Notes; Added Lane Closure Detail from Sheet 2 and New Detail for Side Roads Intersecting the Work Zone; Deleted Conditions; Renamed Index.

Sheet 2: Revised Lane Closure (without intersection) Detail and Moved to Sheet 1; Deleted Sheet.

Sheet 3: Deleted Sheet.

Sheet 4: Deleted Sheet 4 and Relocated Details to New Index 102-680.

Commentary / Background:

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

Yes	No	
☐	☐	Other Standard Plans –
☐	☐	FDOT Design Manual –
☐	☐	Basis of Estimates Manual –
☑	☐	Standard Specifications – Daniel Strickland
☐	☐	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

REVISED NOTES

GENERAL NOTES

1. Use either portable signals or span wire signals and include two signal faces for each approach.

2. Obtain approval from the District Traffic Operations Engineer for the installation and timing of the signals prior to the signals being placed in operation. Adjust timing based on changing field conditions as approved by the Worksite Traffic Supervisor. Obtain approval from the District Traffic Operations Engineer for any timing changes that are either reoccurring or last longer than 24 hours.

3. For the maximum distance between portable distance between portable temporary traffic signals do not exceed the distance at which the signals can safely communicate. When the distance between signals is 0.25 miles to 0.50 miles, use a countdown timer on both signals. When the distance between signals is greater than 0.50 miles, use a combination of a pilot vehicle and manually controlled temporary traffic signals.

4. The SIGNAL AHEAD legend sign may be substituted for the symbol sign.

5. Use Type III Barricades to block haul road access when the haul road is not in operation and a flagger/signal operator is not on duty, except when the haul road is an existing properly marked road.

6. Monitor temporary traffic signals by having one or more workers present during operation. In the event of a temporary traffic signal failure, maintain traffic with flaggers.

7. Use Temporary Raised Rumble Strips in accordance with Index 102-603.

SYMBOLS

- Work Area
- Work Zone Sign
- Temporary Traffic Signal
- Channelizing Device (See Index 102-600)
- Type III Barricade
- Stop Bar
- Flagger
- Lane Identification + Direction of Traffic

ADDED NEW DETAIL FOR SIDE ROADS INTERSECTING WORK ZONE

CONDITIONS

WHERE ANY VEHICLE, EQUIPMENT, WORKERS OR THEIR ACTIVITIES WILL ENCROACH ON ONE LANE OR MOMENTARILY ENCROACH ON BOTH LANES OF A TWO-LANE TWO-WAY ROADWAY AND TRAFFIC SIGNALS ARE NEEDED.

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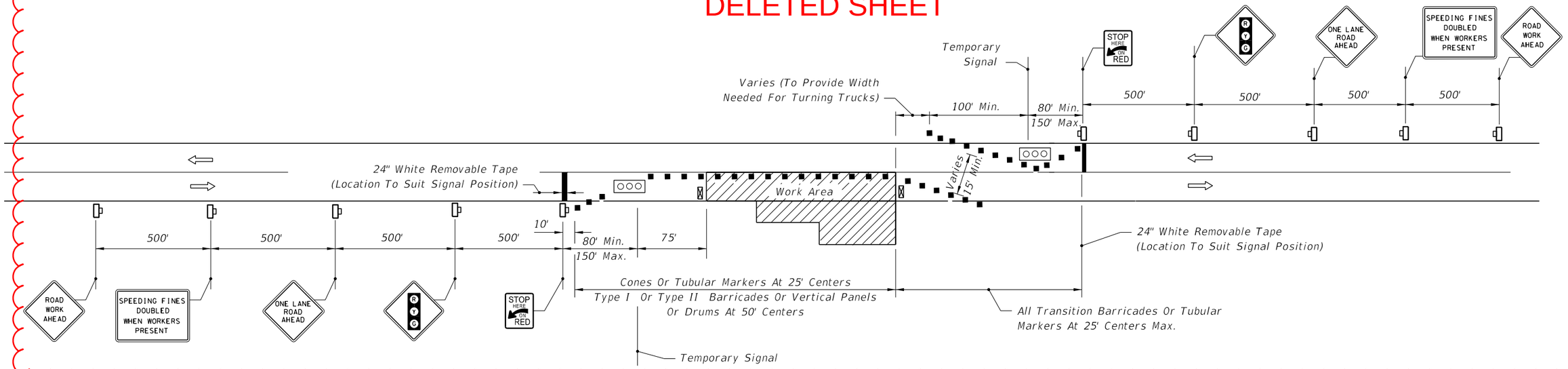
11/01/20

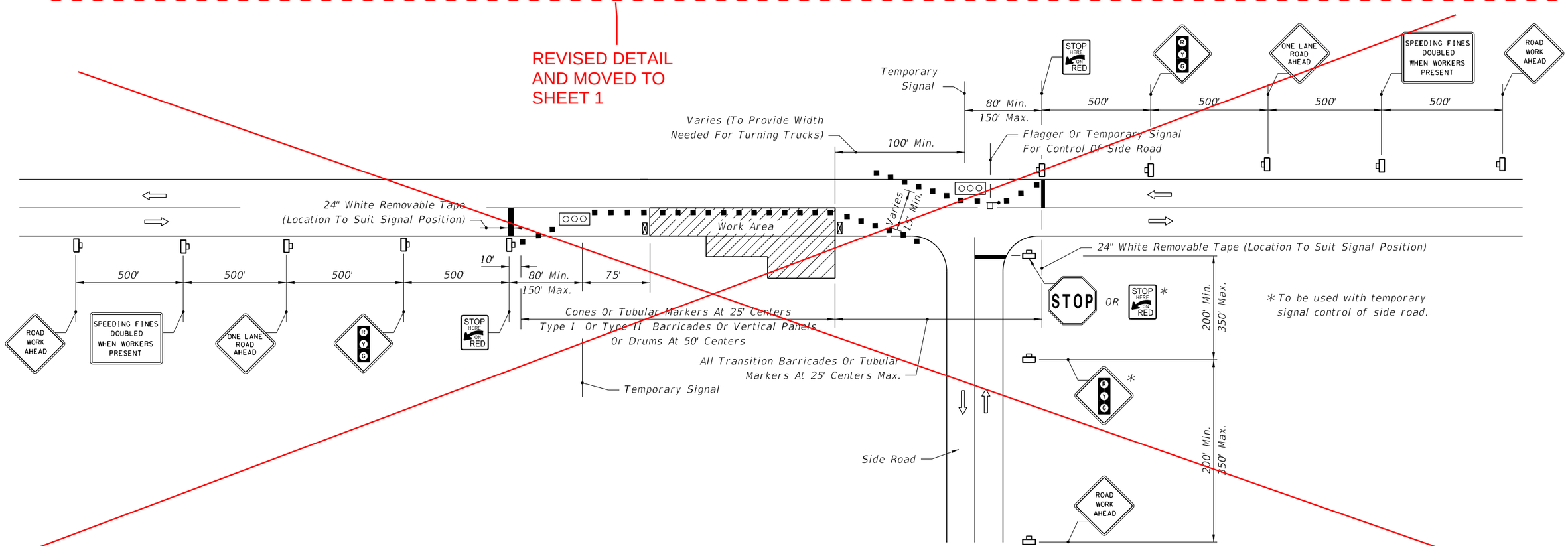
LAST REVISION ~~11/01/17~~	REVISION	DESCRIPTION:	FDOT	FY ~~2020-21~~ 2021-22 STANDARD PLANS	TWO-LANE, TWO-WAY, WORK WITHIN THE TRAVEL WAY - SIGNAL CONTROL	INDEX 102-606	SHEET 1 of 4

RENAMED "TWO-LANE ROADWAY, LANE CLOSURE USING TEMPORARY TRAFFIC SIGNALS"

DELETED SHEET



REVISED DETAIL AND MOVED TO SHEET 1



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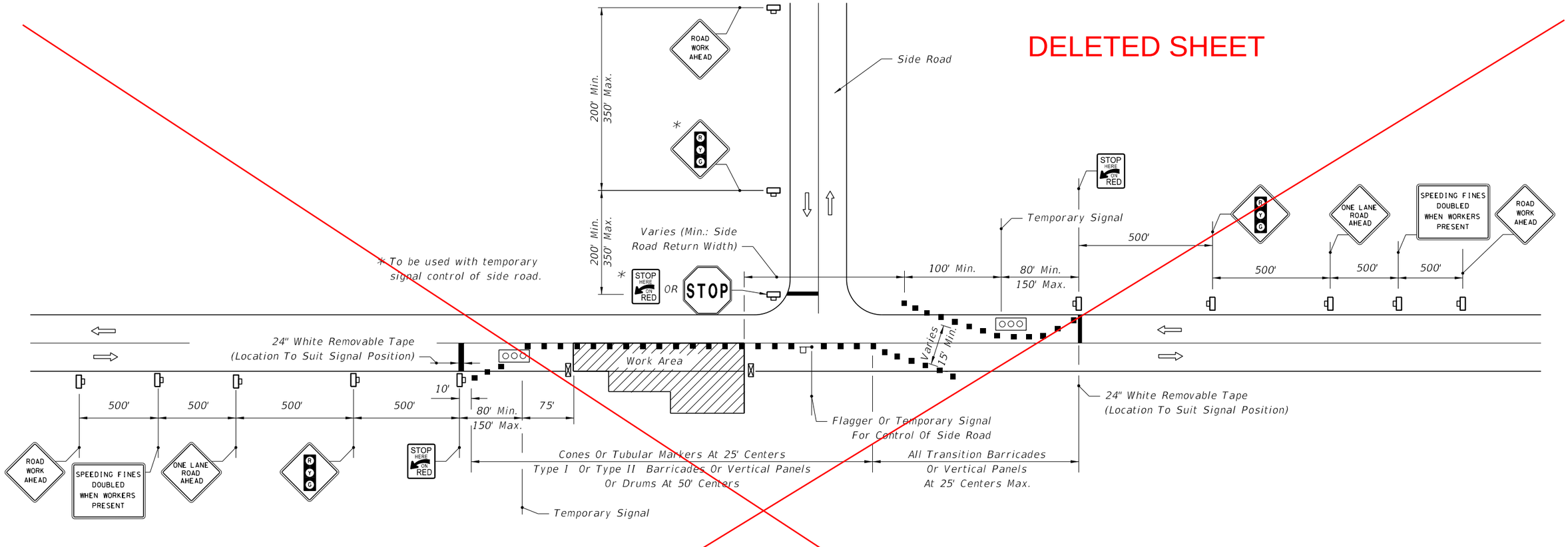
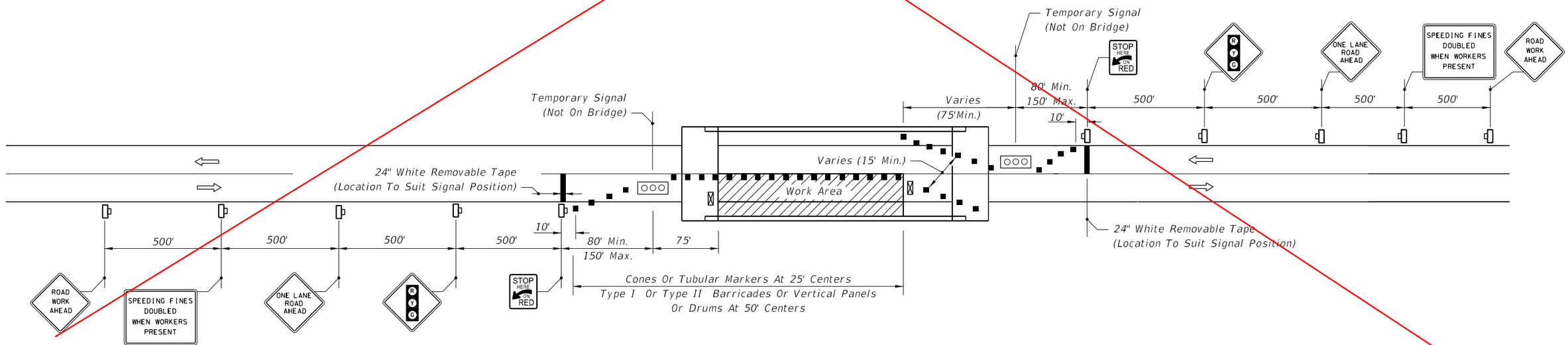
SINGLE LANE CLOSURE • ROADWAY AND BRIDGES ALL LENGTHS

LAST REVISION	REVISION	DESCRIPTION:	FDOT	FY ~~2020-21~~ 2021-22 STANDARD PLANS	~~TWO-LANE, TWO-WAY, WORK WITHIN THE TRAVEL WAY - SIGNAL CONTROL~~	INDEX	SHEET
~~11/01/17~~						102-606	~~2 of 4~~

DELETED SHEET



SINGLE LANE CLOSURE • ROADWAY AND BRIDGES ALL LENGTHS



SINGLE LANE CLOSURE • SHORT BRIDGES

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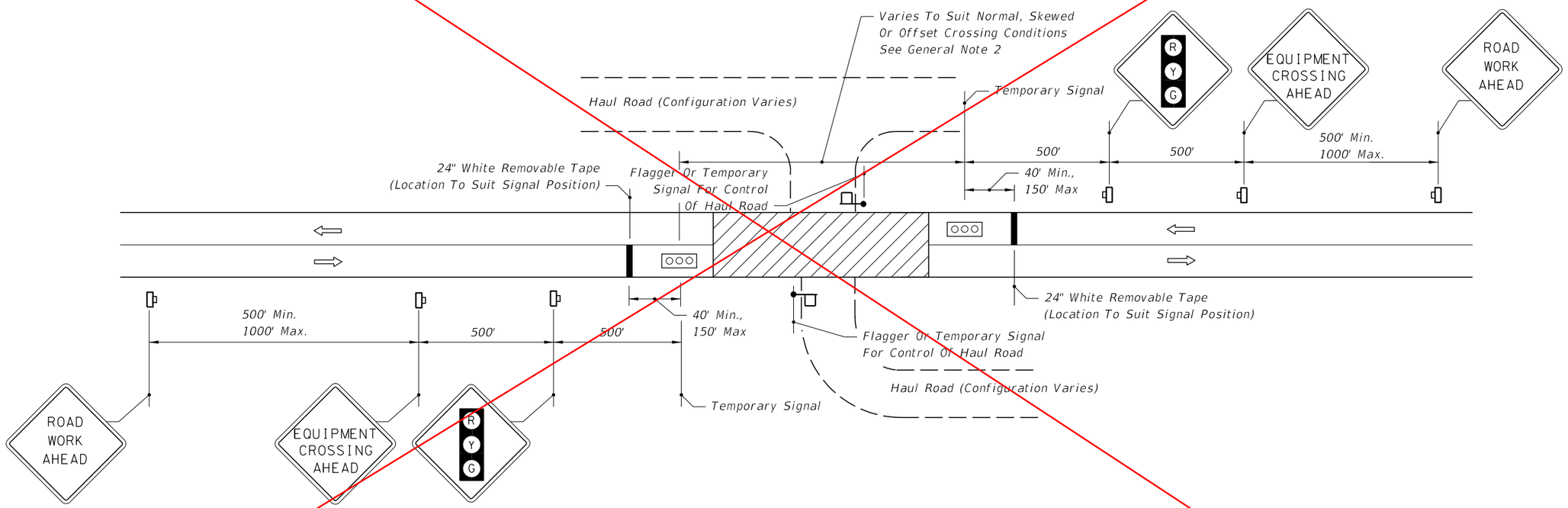
LAST REVISION	REVISION	DESCRIPTION:			
~~11/01/17~~ 11/01/20			FY ~~2020-21~~ 2021-22 STANDARD PLANS	~~TWO-LANE, TWO-WAY, WORK WITHIN THE TRAVEL WAY - SIGNAL CONTROL~~	INDEX 102-606 / SHEET ~~3~~ of ~~4~~

DELETED SHEET - DETAILS RELOCATED TO NEW 102-680



MOMENTARY ROADWAY CLOSURE • HAUL ROUTE CROSSING

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2021-22

LAST REVISION	REVISION	DESCRIPTION:	FDOT	FY ~~2020-21~~ STANDARD PLANS	~~TWO-LANE, TWO-WAY, WORK WITHIN THE TRAVEL WAY - SIGNAL CONTROL~~	INDEX	SHEET
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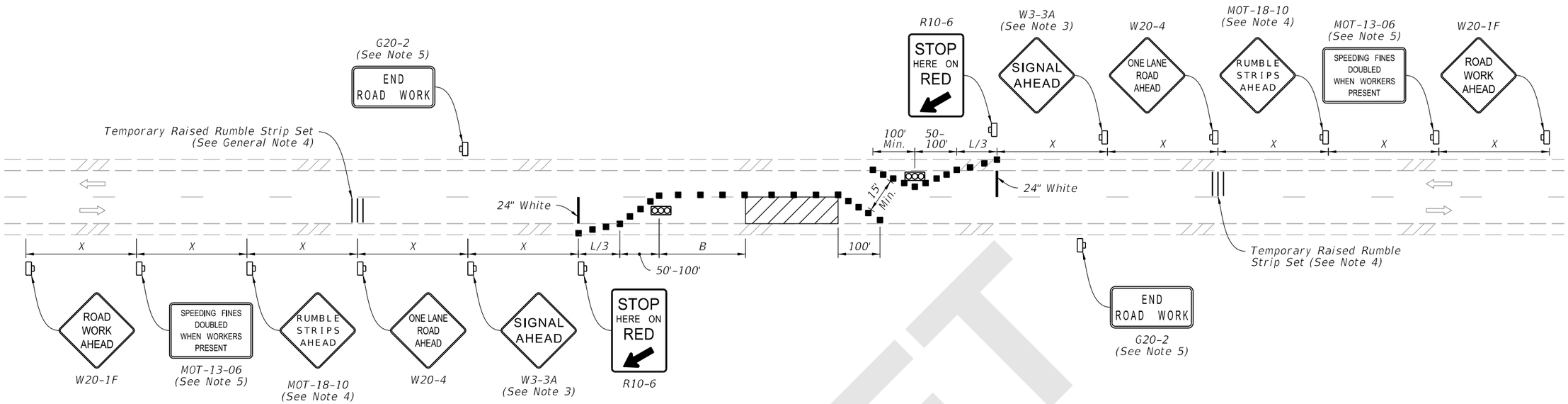


NOTES:

1. L = Taper Length
   B = Buffer Length
   X = Work Zone Sign Distance
   See Index 102-600 for "L", "B", "X", and channelizing device spacing values.

2. District Traffic Operations Engineer must approve the installation and timing of temporary signals prior to beginning of work. Adjust timing based on changing field conditions as approved by the Worksite Traffic Supervisor. Obtain approval from the District Traffic Operations Engineer for any timing changes that are either reoccurring or last longer than 24 hours.

3. Optionally, use "Signal Ahead" signs with symbols (W3-3) instead of "Signal Ahead" signs with text (W3-3A).

4. Use temporary raised rumble strips in accordance with Index 102-603.

5. The "Speeding Fines Doubled When Workers Present" signs (M0T-13-06) and "End Road Work" signs (G20-2), along with associated work zone sign distances, may be omitted when the work zone will be in place for 24 hours or less.

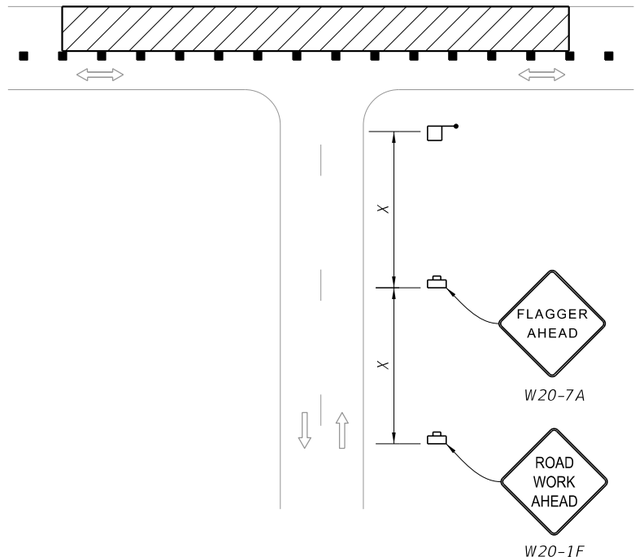
6. For the maximum distance between temporary traffic signals, do not exceed the distance at which the temporary traffic signals can safely communicate. When the distance temporary traffic signals is greater than 0.25 miles, use a combination of a pilot vehicle and manually-controlled temporary traffic signals.

7. Monitor temporary traffic signals by having one or more workers present during operation. In the event of a temporary traffic signal failure, use flaggers to control traffic.

8. If the work encroaches on a marked bicycle lane or ridable shoulder, close the lane or shoulder in accordance with the Plans.

SYMBOLS:

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



SIDE ROAD INTERSECTING THE WORK ZONE

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LAST REVISION	REVISION	DESCRIPTION:			INDEX	SHEET
11/01/20			FDOT FY 2021-22 STANDARD PLANS	TWO-LANE ROADWAY, LANE CLOSURE USING TEMPORARY TRAFFIC SIGNALS	102-606	1 of 1