ORIGINATION FORM

Proposed Revisions to a Standard Plans Index

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

Contact Information:

Date: August 11, 2020

Originator: Rick Jenkins/Derwood Sheppard

Phone: (850) 414-4355

Email: rick.jenkins@dot.state.fl.us

Standard Plans:

Index Number: 711-003

Sheet Number (s): all

Index Title: Interchange Markings

Summary of the changes:

General cleanup to notes and details. Moved General Notes to new sheet 1. Added gore chevron markings to exit ramps. Added lane line extensions to exit ramps. Created individual sheets for entrance ramps and exit ramps. Added two lane entrance option.

Commentary / Background:

The request came from Traffic Operations to make these changes. The chevrons were previously in the Standard Plans but were removed a few years ago. Coordinated all changes with Traffic Operations.

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:

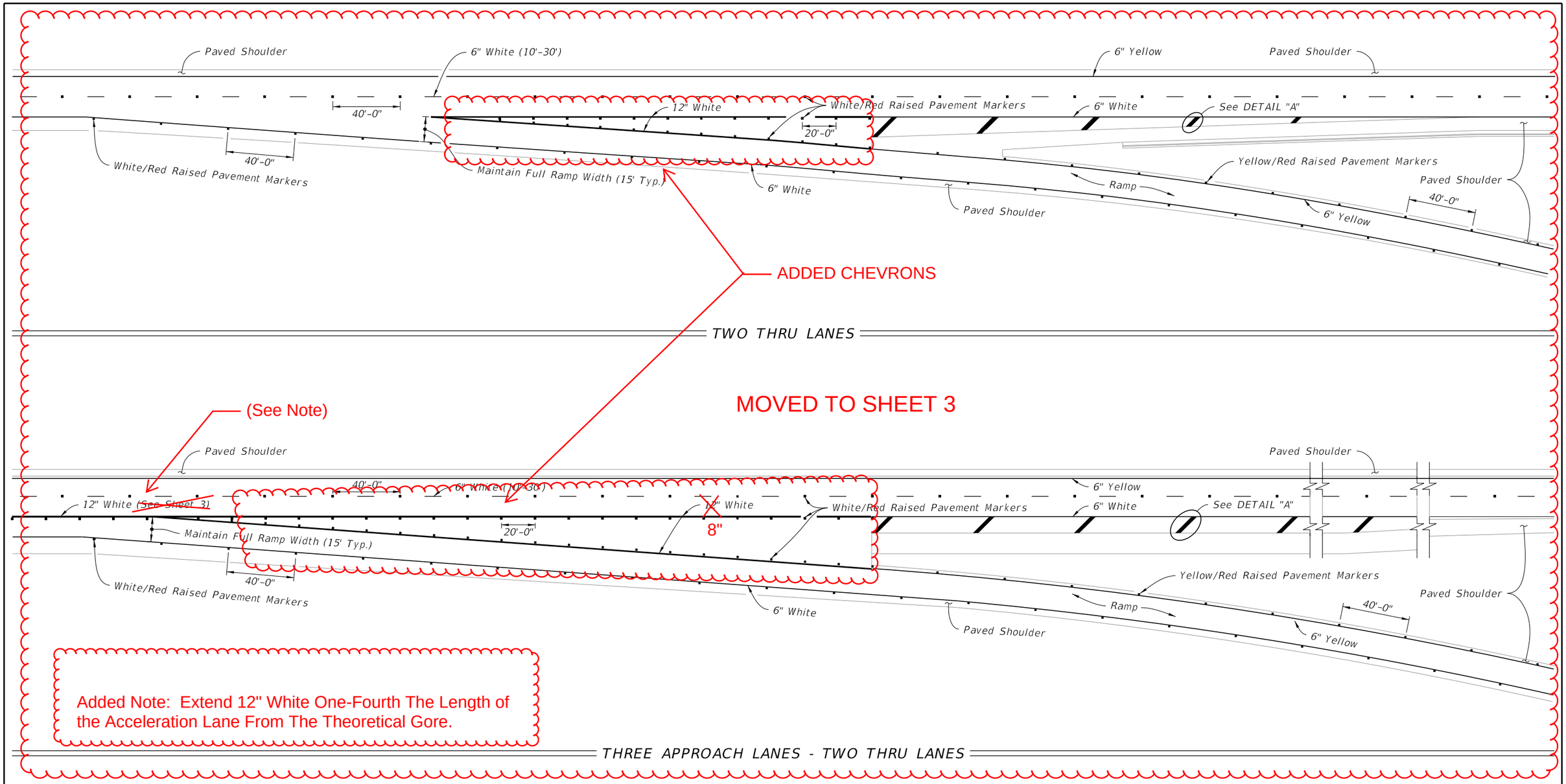
(Email or hand deliver package to Rick Jenkins)

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

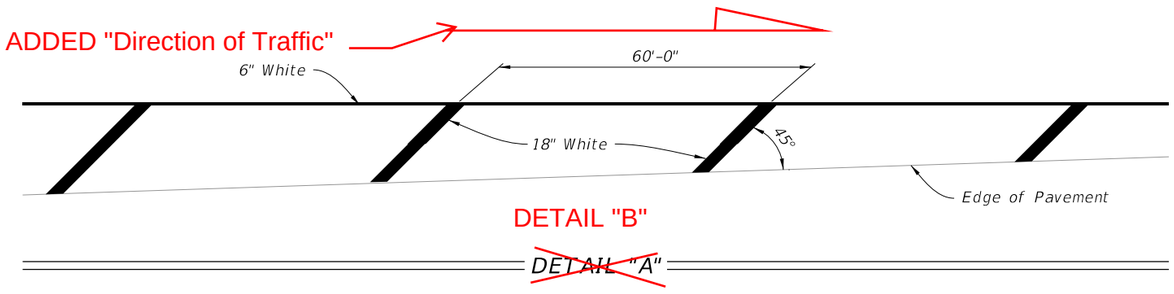
Implementation:

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

Contact the Roadway Design Office for assistance in completing this form



ADDED "Direction of Traffic"



DETAIL "B"

~~DETAIL "A"~~

ADDED
DETAIL "A"

GENERAL NOTES:

1. Make the traffic face of the raised pavement marker (RPM) the same color as the pavement marking that it is supplementing.
2. ~~See Index 706-001 for additional information on RPMs.~~

Updated Note and move Gen notes to new sheet 1

SINGLE LANE RAMPS - EXIT TERMINALS

10/14/2019 2:48:17 PM

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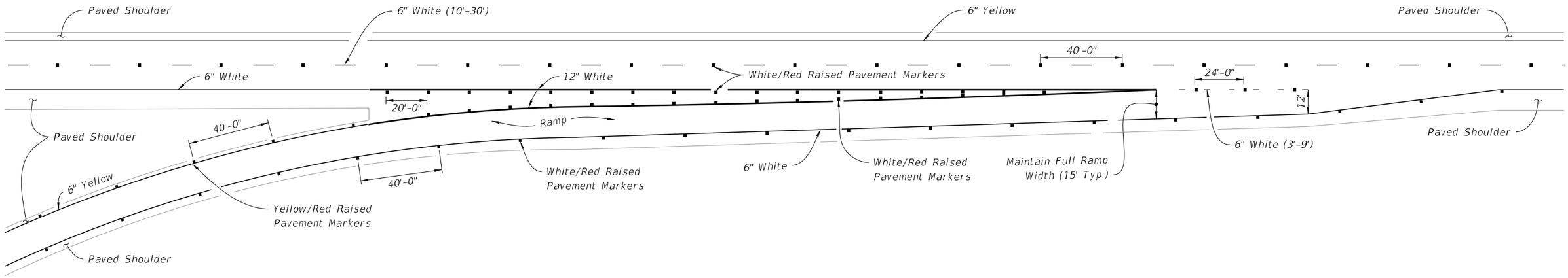
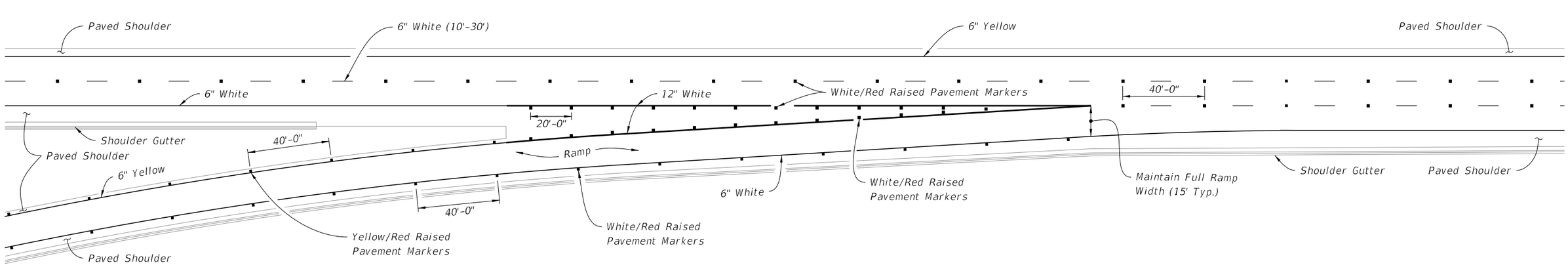
NEW SHEET 2
Typical Pavement Markings at Entrance Ramps

SINGLE LANE RAMPS-EXIT TERMAINAL



TAPER - TYPE ENTRANCE

NEW SHEET 1



PARALLEL - TYPE ENTRANCE

GENERAL NOTES

Added Title

10/14/2019 2:48:18 PM

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NEW SHEET 3

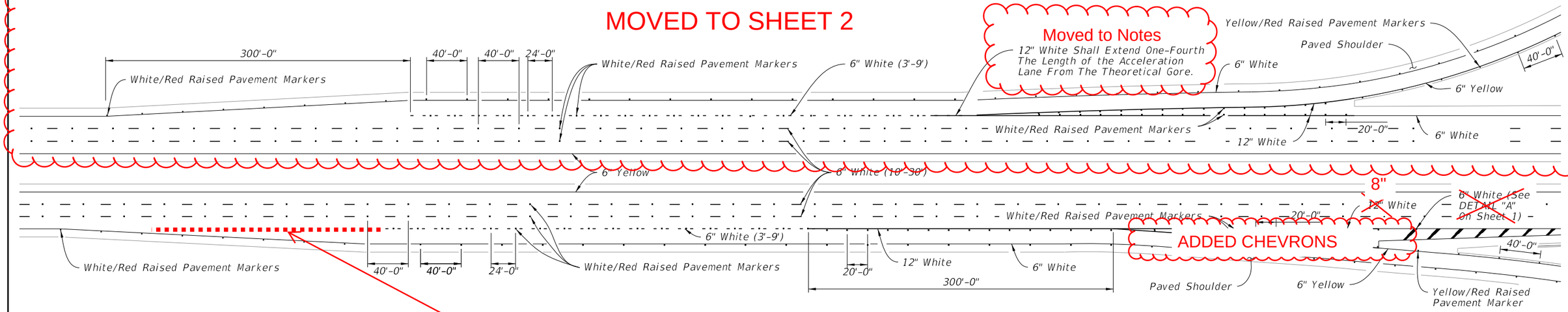
MOVED EXIT RAMP DRAWING FROM SHEET 1

SINGLE LANE RAMPS-EXIT TERMAINAL

MOVED TO SHEET 2

Moved to Notes

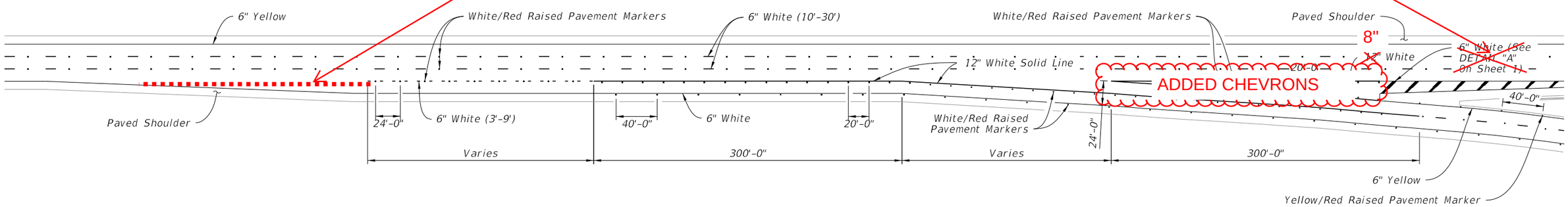
12" White Shall Extend One-Fourth The Length of the Acceleration Lane From The Theoretical Gore.



PARALLEL ACCELERATION AND DECELERATION LANE

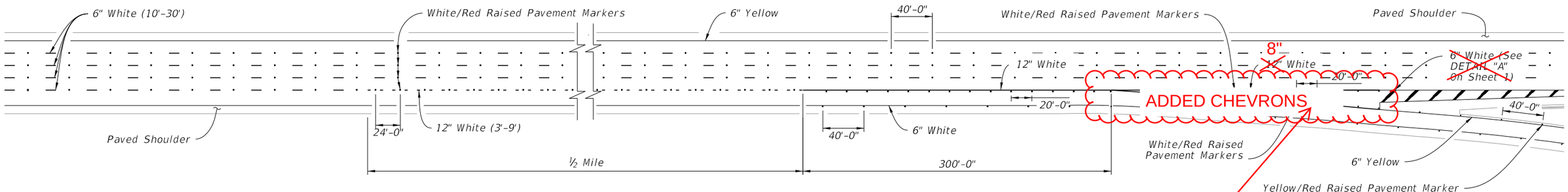
EXTENDED 3'-9' LINE

ADDED CALLOUT: 18" White (Typ.) (See DETAIL "B" on Sheet 1)



TYPICAL MARKINGS AT DUAL LANE EXITS

NEW SHEET 4



TYPICAL LANE DROP MARKINGS AT EXIT RAMPS

ADDED CALLOUT: 18" White (Typ.) (See DETAIL "A" on Sheet 1)

Added Title

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LAST REVISION	REVISION	DESCRIPTION:	FDOT	FY 2020-21 STANDARD PLANS	INTERCHANGE MARKINGS	INDEX	SHEET
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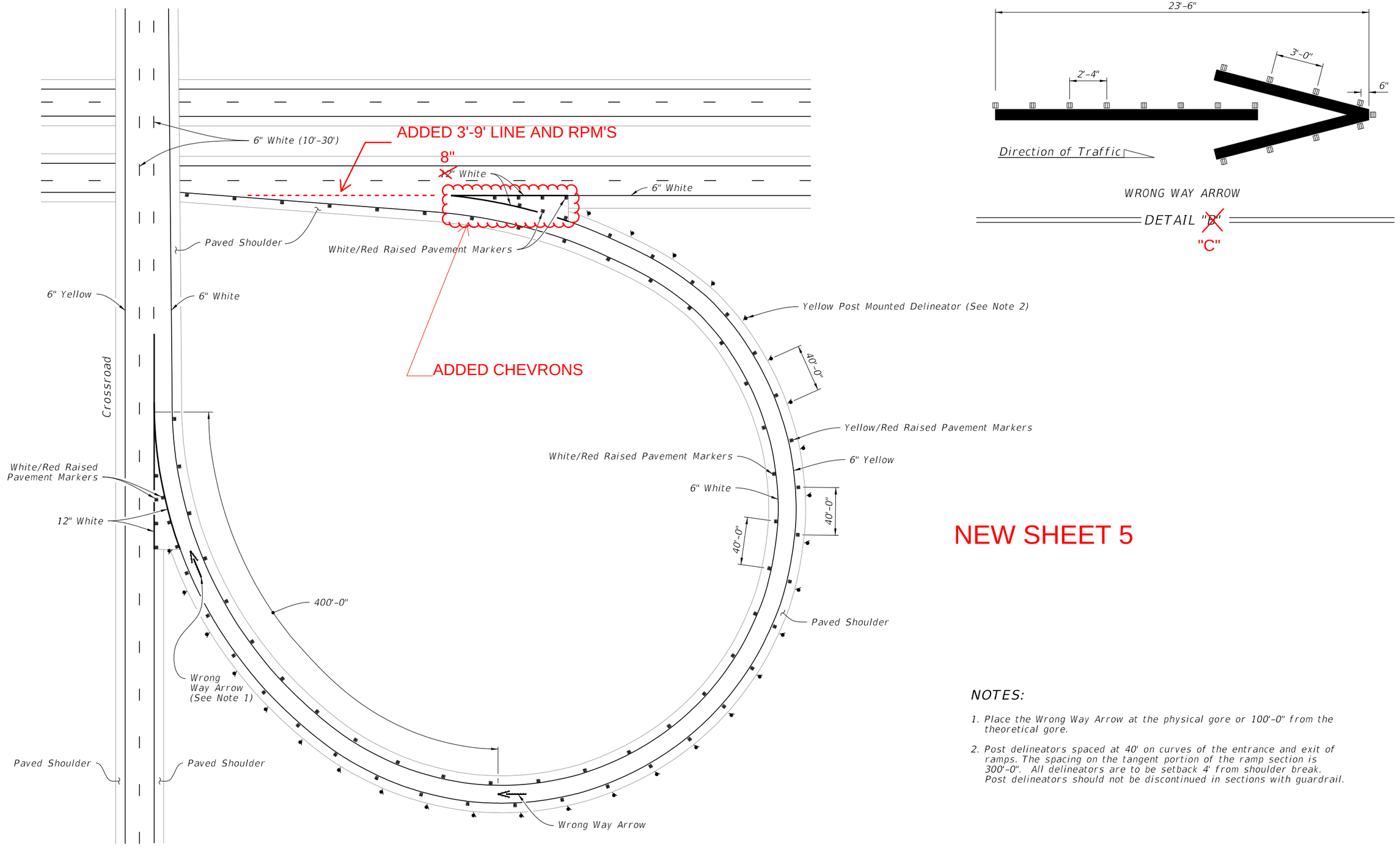

TYPICAL CURVED EXIT RAMPS

WRONG WAY ARROW

DETAIL "B"

"C"

NEW SHEET 5

NOTES:

1. Place the Wrong Way Arrow at the physical gore or 100'-0" from the theoretical gore.
2. Post delineators spaced at 40' on curves of the entrance and exit of ramps. The spacing on the tangent portion of the ramp section is 300'-0". All delineators are to be setback 4' from shoulder break. Post delineators should not be discontinued in sections with guardrail.

Added Title

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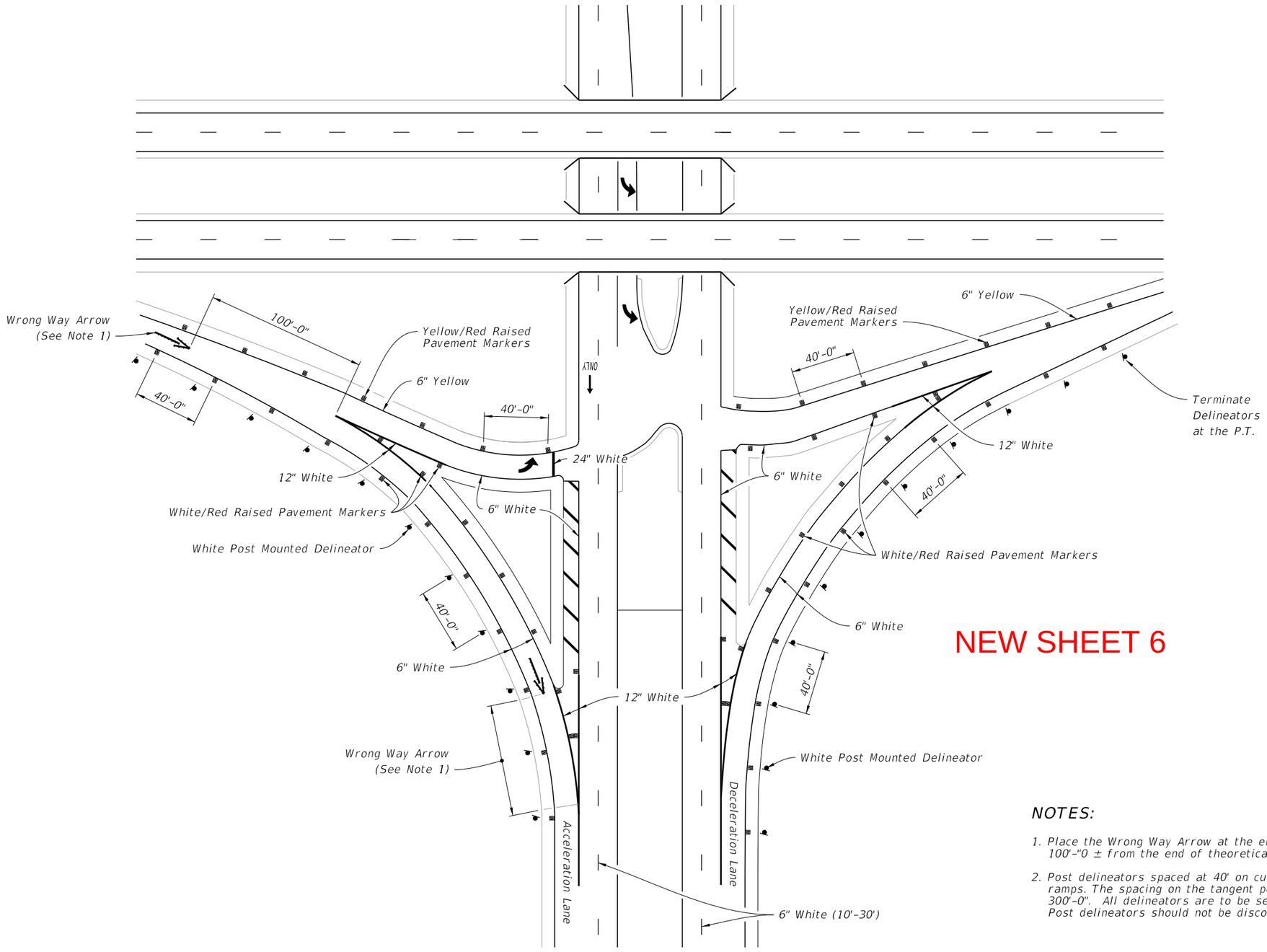

NEW SHEET 6

NOTES:

1. Place the Wrong Way Arrow at the end of the physical gore or 100'-"0 ± from the end of theoretical gore.
2. Post delineators spaced at 40' on curves of the entrance and exit of ramps. The spacing on the tangent portion of the ramp section is 300'-0". All delineators are to be setback 4' from shoulder break. Post delineators should not be discontinued in sections with guardrail.

TYPICAL INTERSECTION

Added Title

10/14/2019 2:48:20 PM

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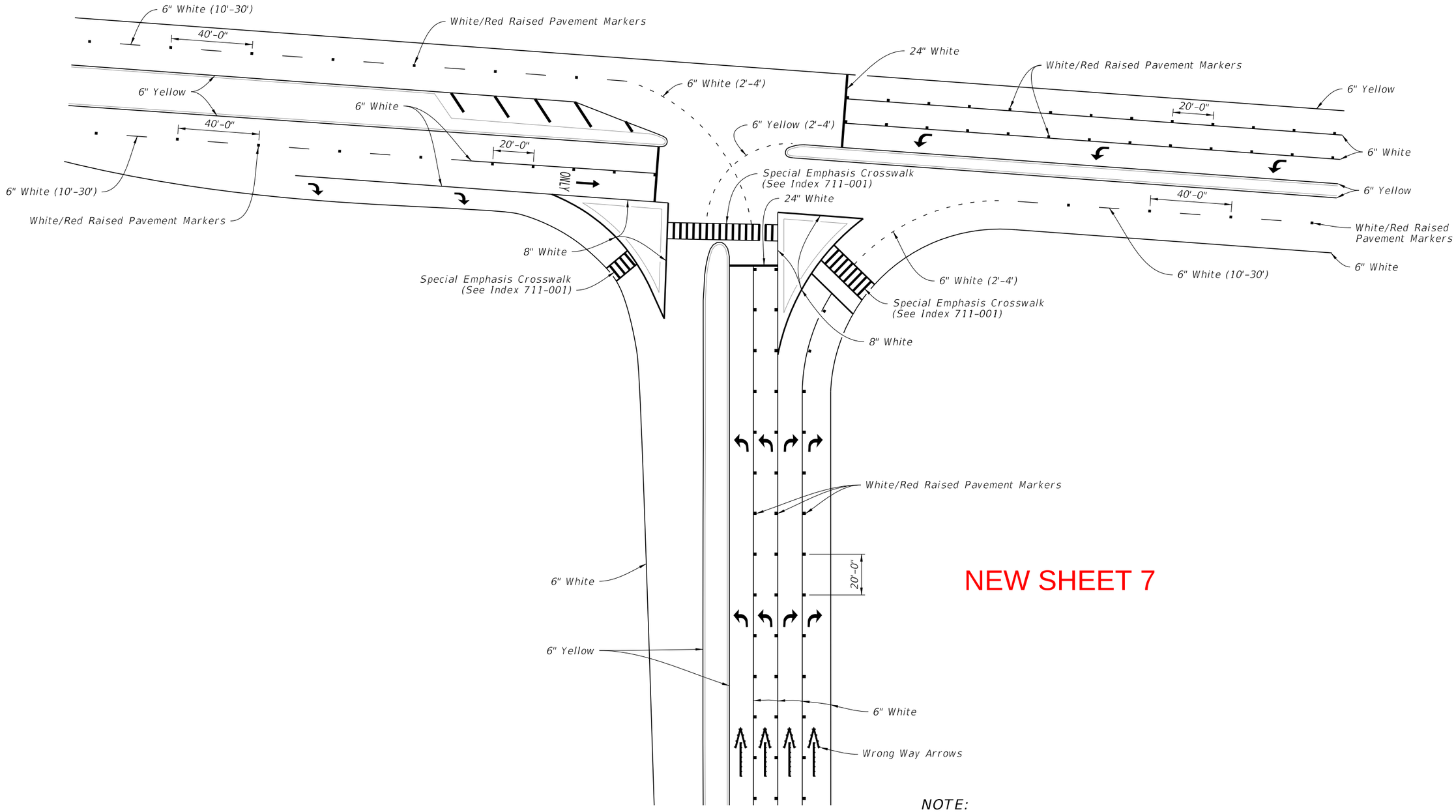

NEW SHEET 7

NOTE:

Do not place wrong way arrows in between consecutive directional arrows.

TYPICAL PARTIAL CLOVERLEAF/TRUMPET EXIT RAMP

Added Title

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10/14/2019 2:48:20 PM

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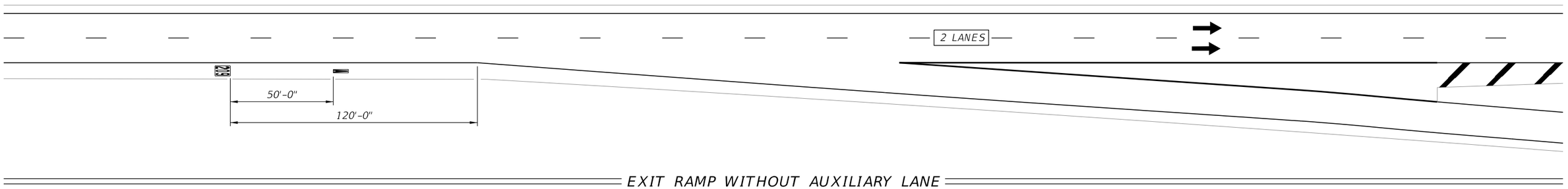
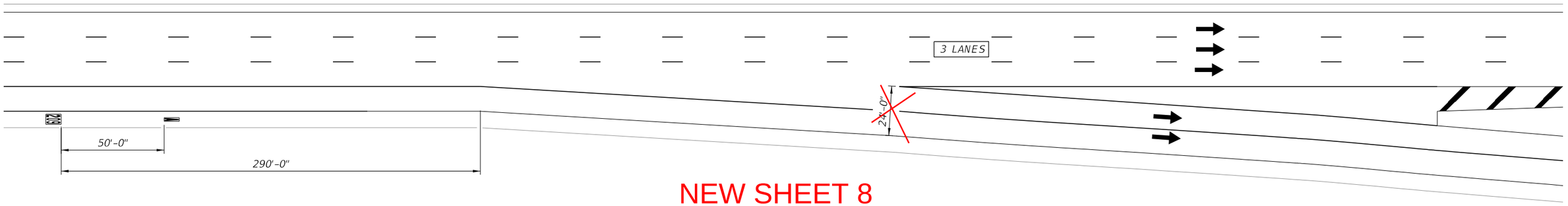
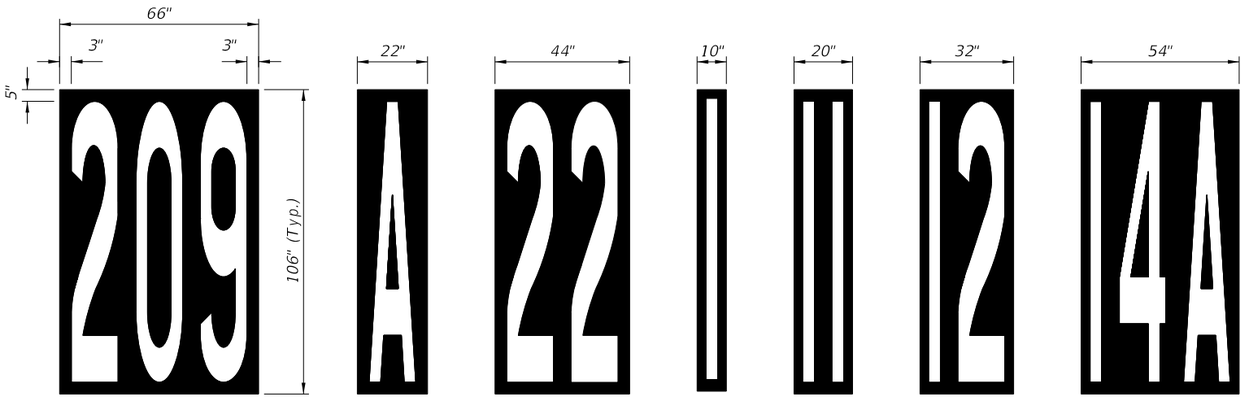


EXIT RAMP WITHOUT AUXILIARY LANE

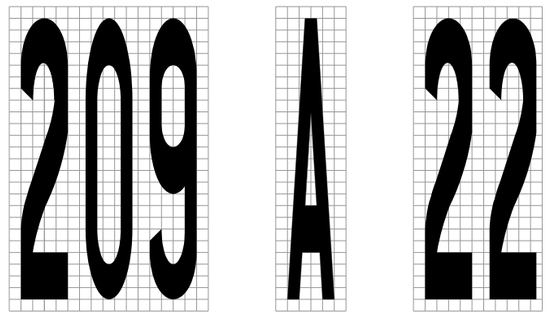


NEW SHEET 8

EXIT RAMP WITH AUXILIARY LANE



MAT DIMENSIONS



MESSAGE SIZE AND SPACING

NOTES:

1. This Index shows layouts for 1, 2, and 3 digit numbers and letters.
2. The message consist of white letters and numbers with black contrasting material.
3. The "EXIT NUMBER" position remains the same distance from the beginning of taper regardless of the number of lines of information.
4. All Grids are 4" x4".

Added Title

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LAST REVISION	REVISION	DESCRIPTION:				
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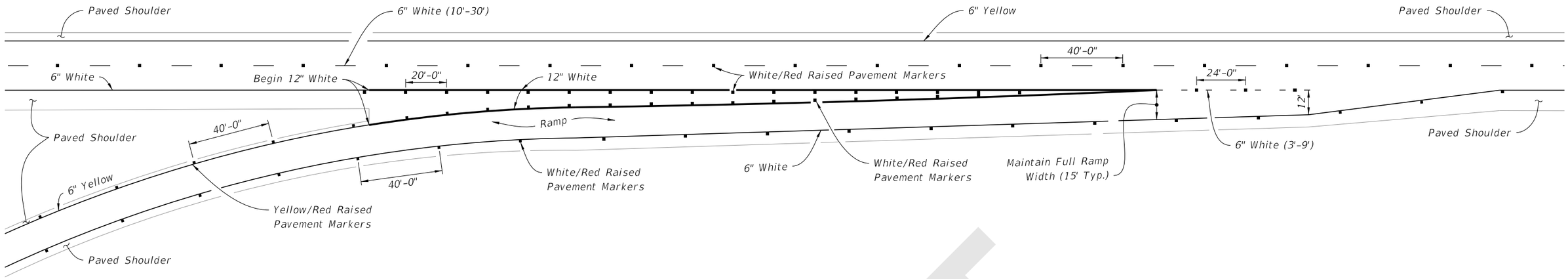
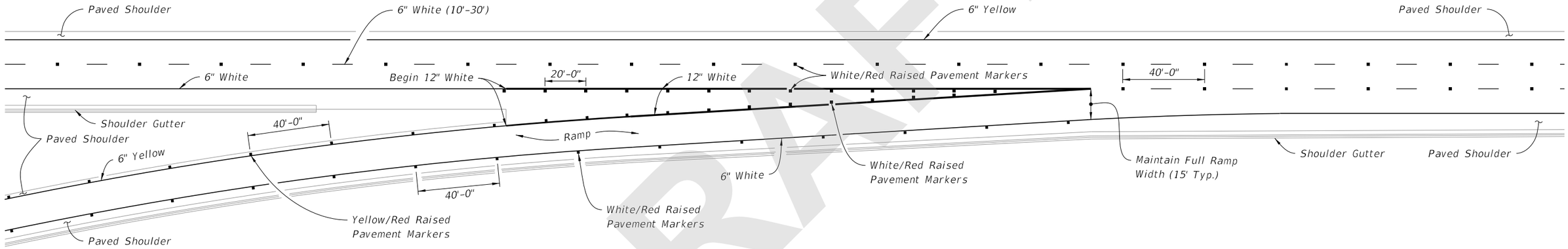


TAPER - TYPE ENTRANCE



PARALLEL - TYPE ENTRANCE

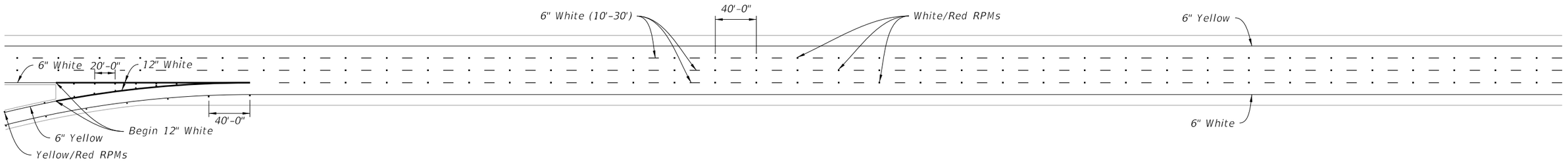
DRAFT

GENERAL NOTES:

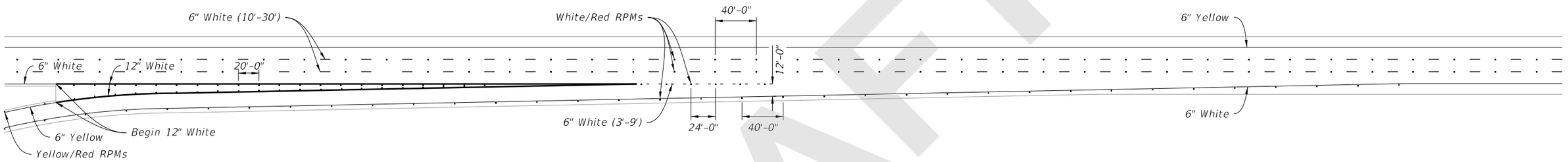
1. Make the traffic face of the raised pavement marker (RPM) the same color as the pavement marking that it is supplementing.

2. See Index 706-001 for additional Raised Pavement Markers (RPM) requirements.

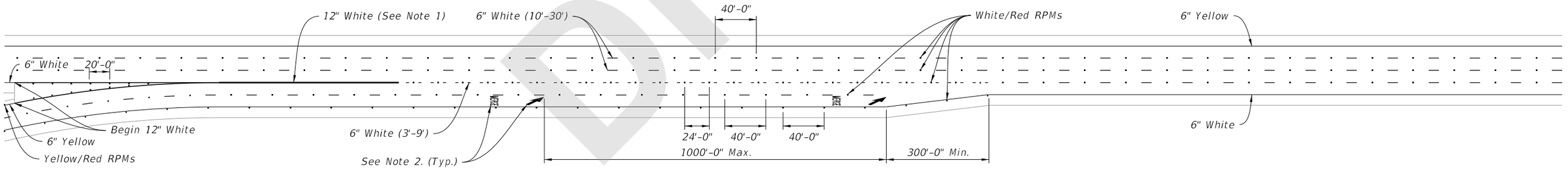
SINGLE LANE RAMPS - ENTRANCE TERMINALS



PARALLEL-TYPE ENTRANCE WITH ADDED LANE



TAPER-TYPE ENTRANCE



TWO-LANE PARALLEL-TYPE ENTRANCE WITH ADDED LANE

NOTES:

1. Extend this 12" white Pavement Marker one-fourth the length of the acceleration lane from the gore markings.

2. See Index 711-001 for pavement message dimensions and details.

TYPICAL PAVEMENT MARKINGS AT ENTRANCE RAMPS

DRAFT

9:25:51 AM

8/10/2020

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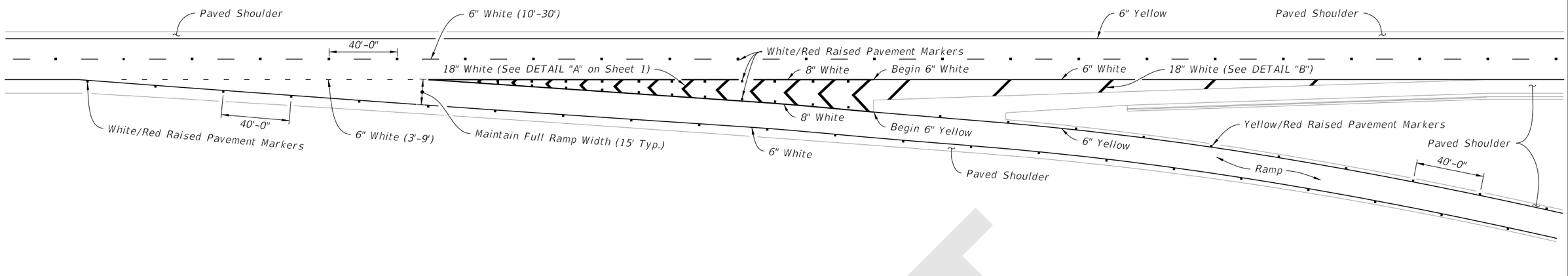
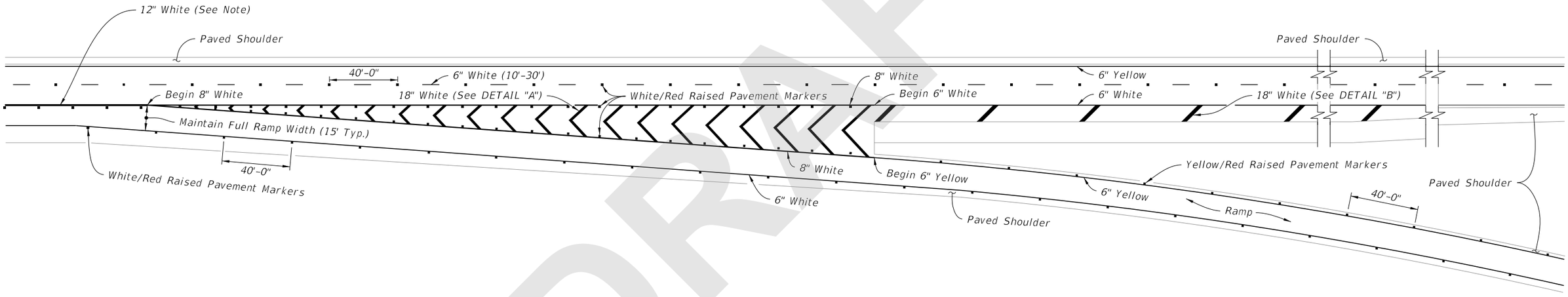
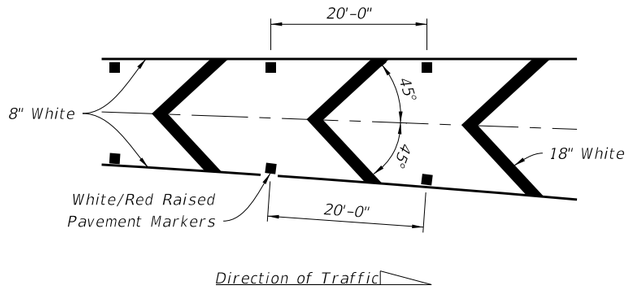


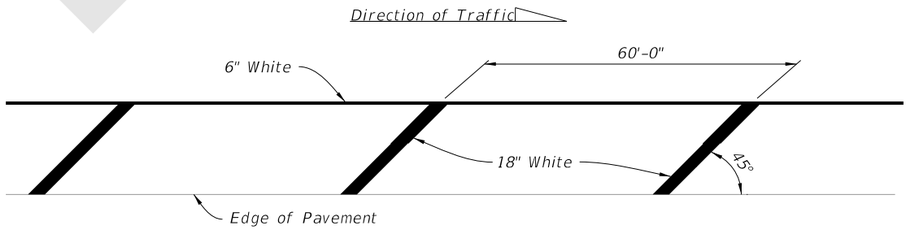
TWO THRU LANES



THREE APPROACH LANES - TWO THRU LANES



DETAIL "A"



DETAIL "B"

NOTE:
Extend 12" White 300' from the gore markings.

SINGLE LANE RAMPS - EXIT TERMINALS

DRAFT

8/10/2020 9:25:54 AM

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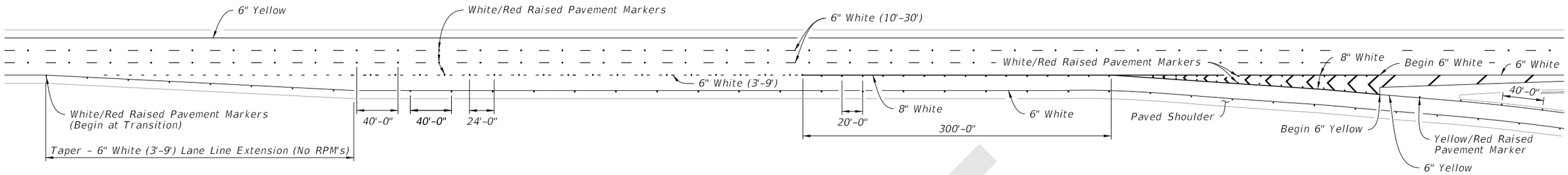
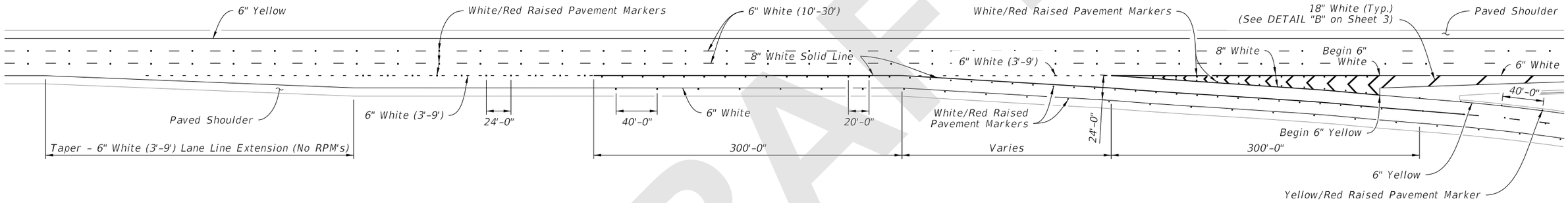
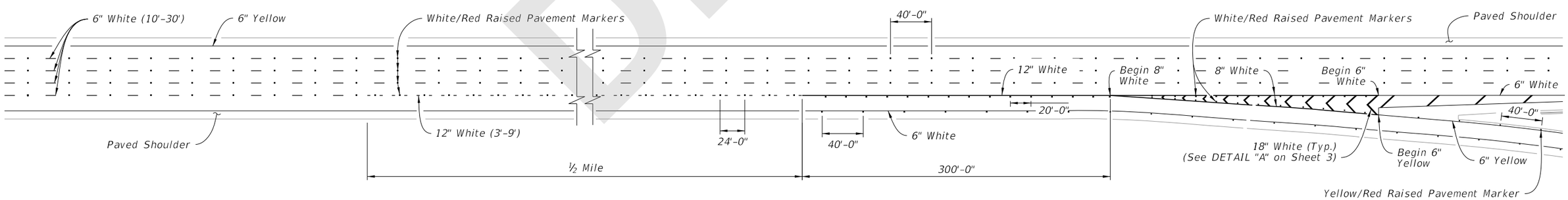


PARALLEL DECELERATION LANE



MARKINGS AT DUAL LANE EXITS



LANE DROP MARKINGS AT EXIT RAMPS

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TYPICAL PAVEMENT MARKINGS AT EXIT RAMPS

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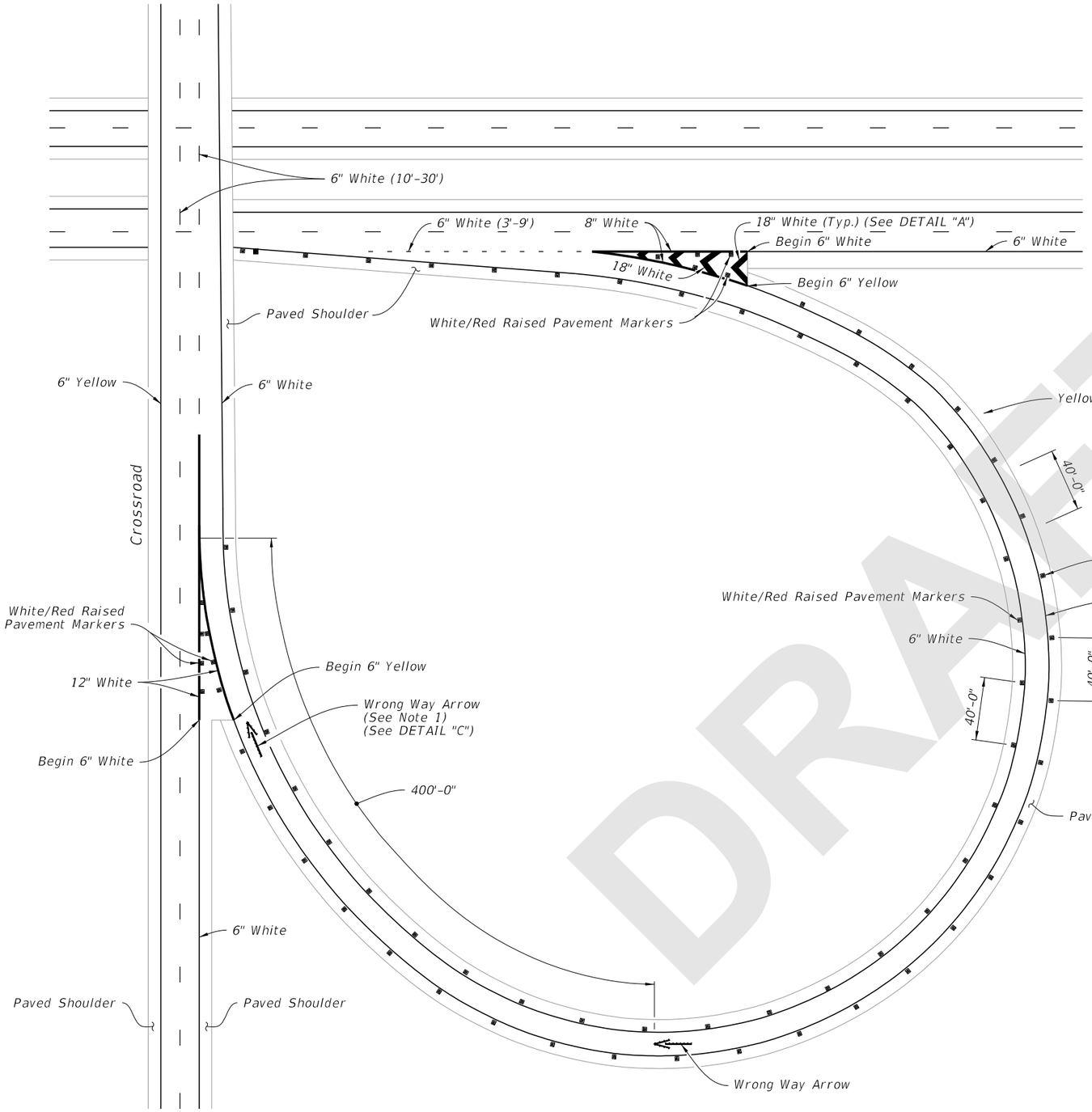
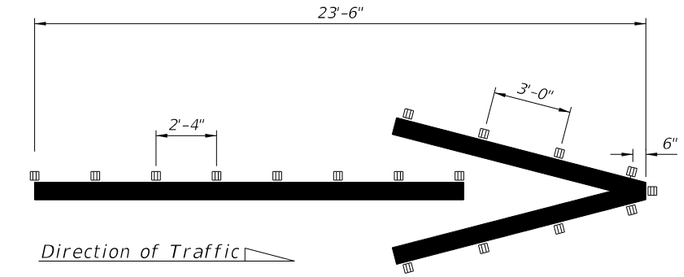
DRAFT



TYPICAL CURVED EXIT RAMP



WRONG WAY ARROW

DETAIL "C"

DRAFT

NOTES:

1. Place the Wrong Way Arrow at the gore.
2. Post delineators spaced at 40' on curves of the entrance and exit of ramps. The spacing on the tangent portion of the ramp section is 300'-0". All delineators are to be setback 4' from shoulder break. Post delineators should not be discontinued in sections with guardrail.

TYPICAL CURVED EXIT RAMP AND WRONG WAY ARROW

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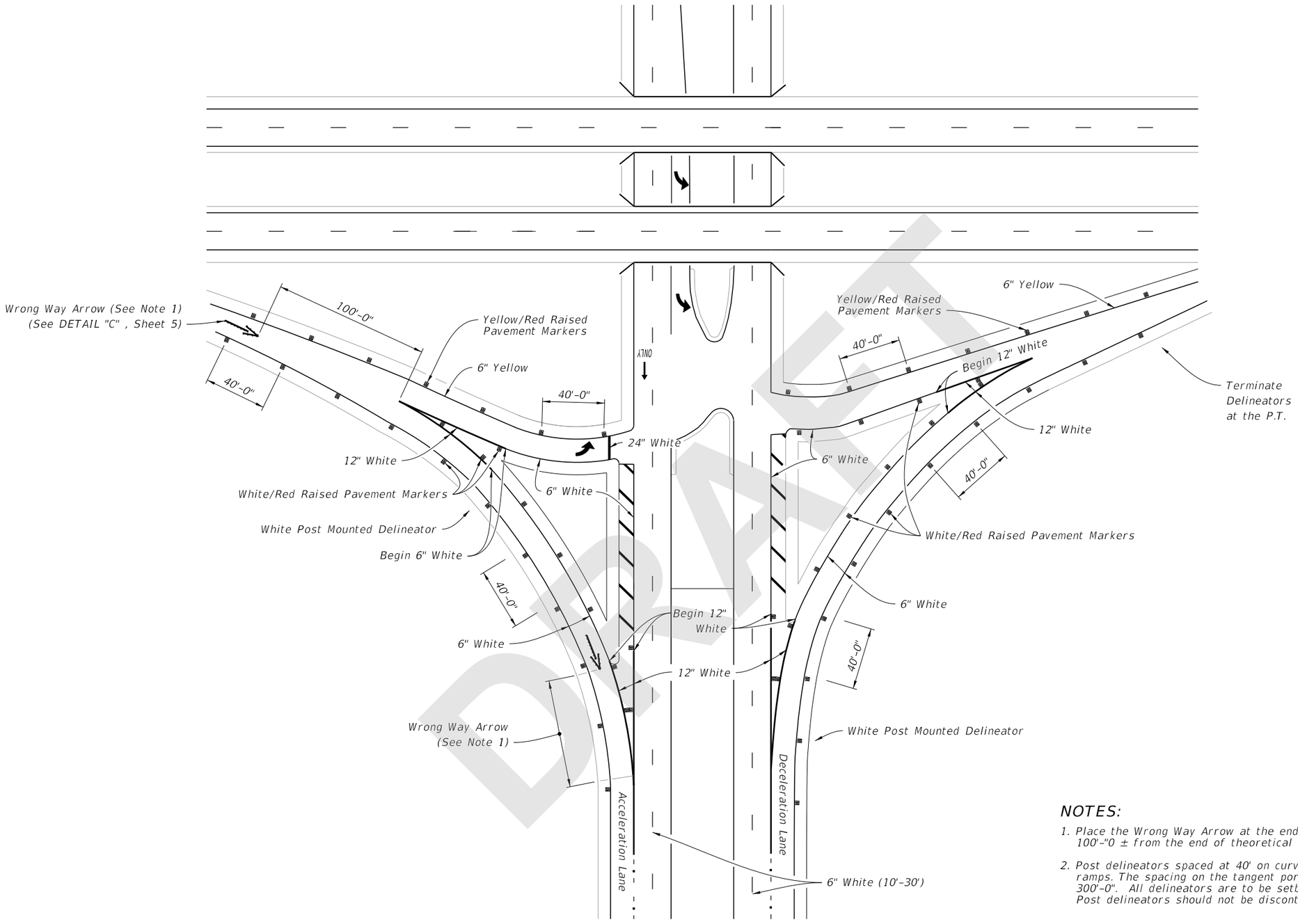

DRAFT

NOTES:

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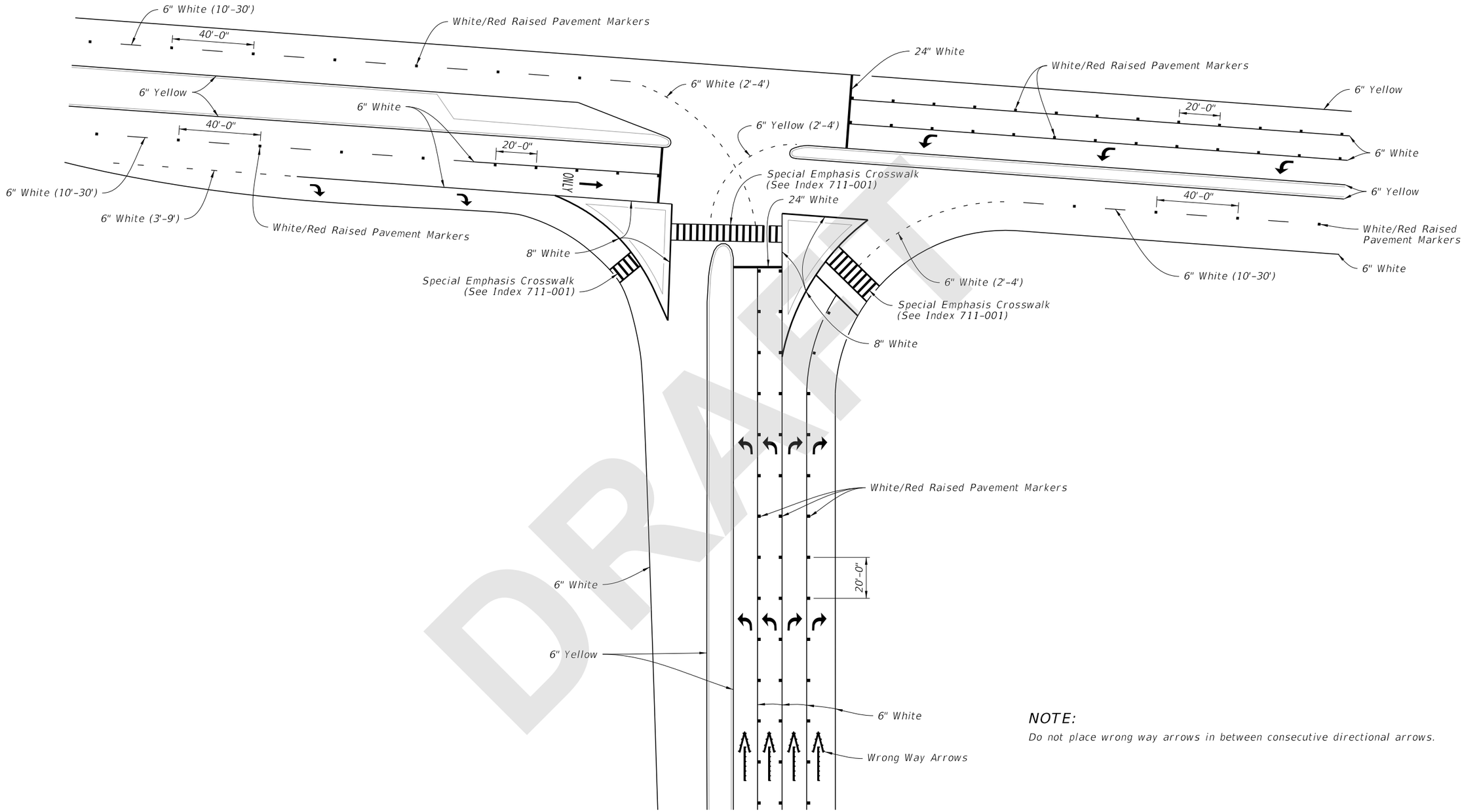
TYPICAL INTERSECTION



NOTE:

Do not place wrong way arrows in between consecutive directional arrows.

DRAFT

8/10/2020 9:27:40 AM

TYPICAL PARTIAL CLOVERLEAF/TRUMPET EXIT RAMP

LAST REVISION	REVISION	DESCRIPTION:	FDOT FY 2021-22 STANDARD PLANS	INTERCHANGE MARKINGS	INDEX	SHEET
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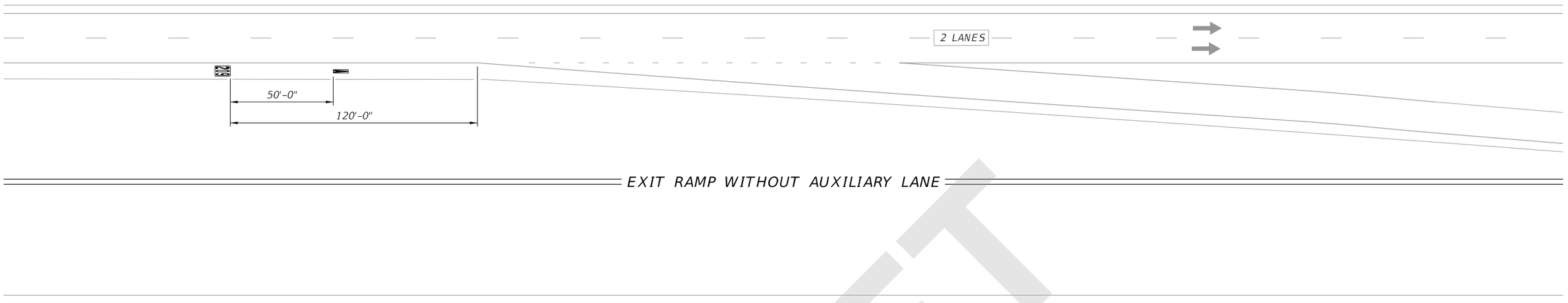
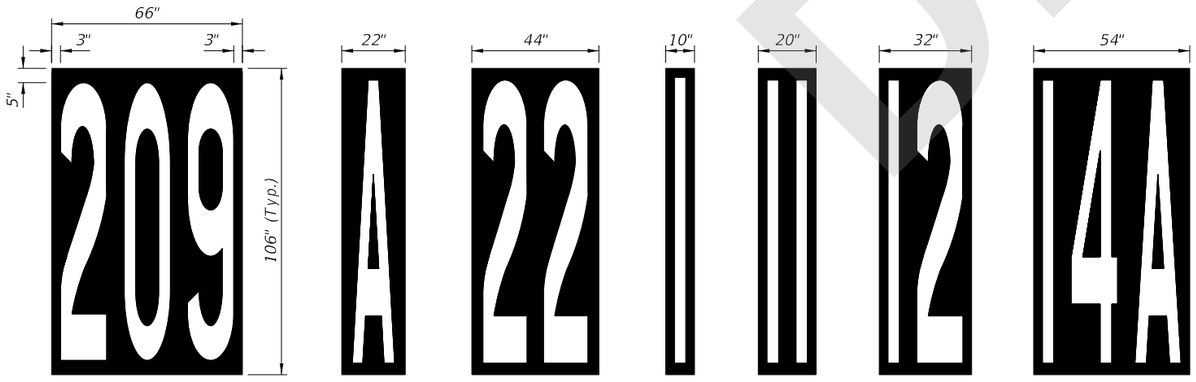
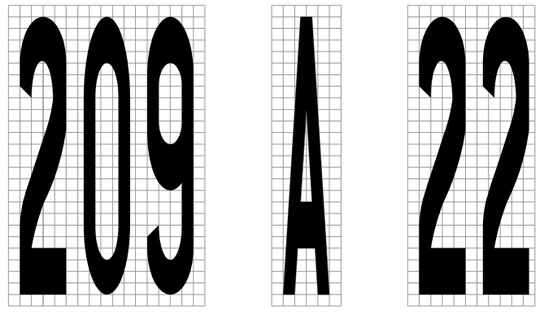


EXIT RAMP WITHOUT AUXILIARY LANE

EXIT RAMP WITH AUXILIARY LANE



MAT DIMENSIONS



MESSAGE SIZE AND SPACING

NOTES:

1. This Index shows layouts for 1, 2, and 3 digit numbers and letters.
2. The message consist of white letters and numbers with black contrasting material.
3. The "EXIT NUMBER" position remains the same distance from the beginning of taper regardless of the number of lines of information.
4. All Grids are 4" x4".

AUXILIARY LANE MESSAGING

DRAFT

9:27:43 AM

8/10/2020

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