
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	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Other Standard Plans –
<input type="checkbox"/>	<input checked="" type="checkbox"/>	FDOT Design Manual –
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Basis of Estimates Manual –
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Standard Specifications –
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Approved Product List –
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Construction –
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Maintenance –

Origination Package Includes:

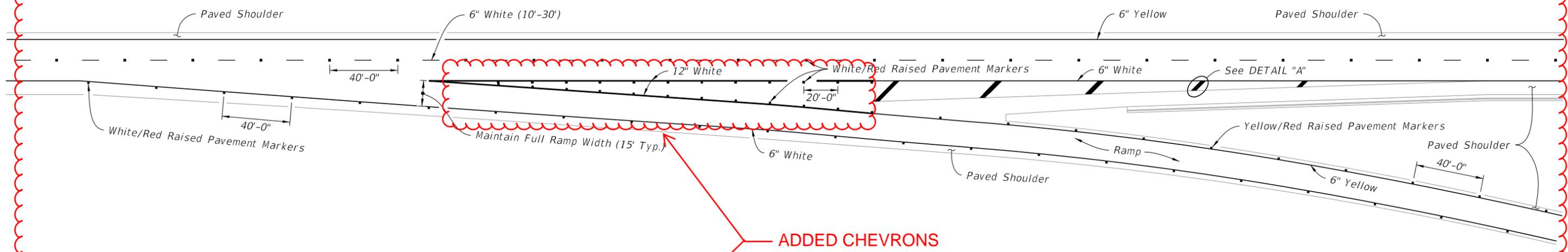
(Email or hand deliver package to Rick Jenkins)

Yes	N/A	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Redline Mark-ups
<input type="checkbox"/>	<input type="checkbox"/>	Proposed Standard Plan Instruction (SPI)
<input type="checkbox"/>	<input type="checkbox"/>	Revised SPI
<input type="checkbox"/>	<input type="checkbox"/>	Other Support Documents

Implementation:

<input type="checkbox"/>	Design Bulletin (Interim)
<input type="checkbox"/>	DCE Memo
<input type="checkbox"/>	Program Mgmt. Bulletin
<input checked="" type="checkbox"/>	FY-Standard Plans (Next Release)

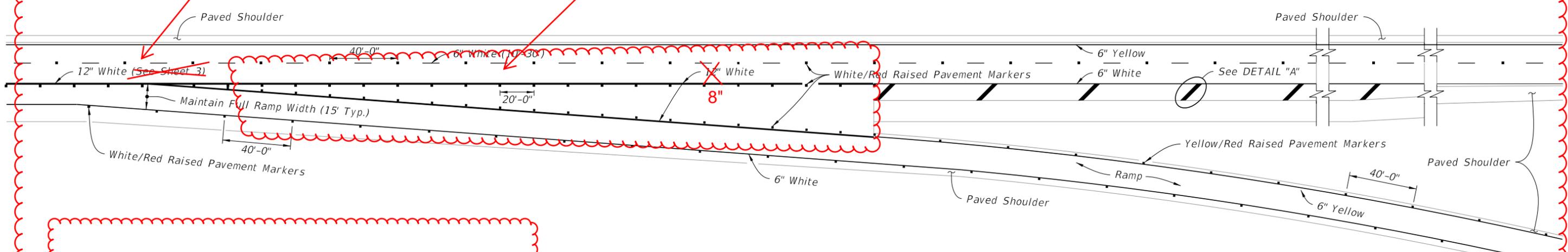
Contact the Roadway Design Office for assistance in completing this form



ADDED CHEVRONS

TWO THRU LANES

MOVED TO SHEET 3



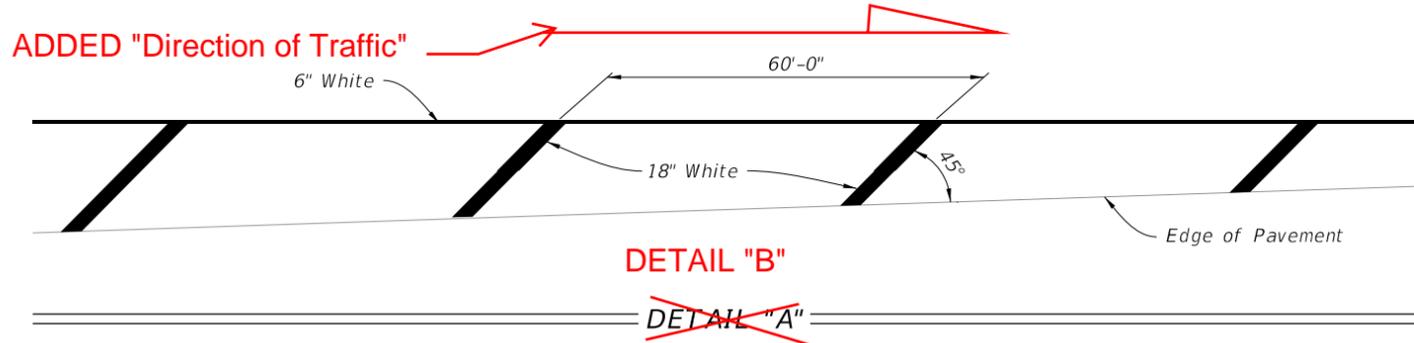
(See Note)

12" White (See Sheet 3)

~~8" White~~

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

THREE APPROACH LANES - TWO THRU LANES



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

LAST REVISION	DESCRIPTION:
11/01/17	11/01/20


 FY 2020-21
 STANDARD PLANS

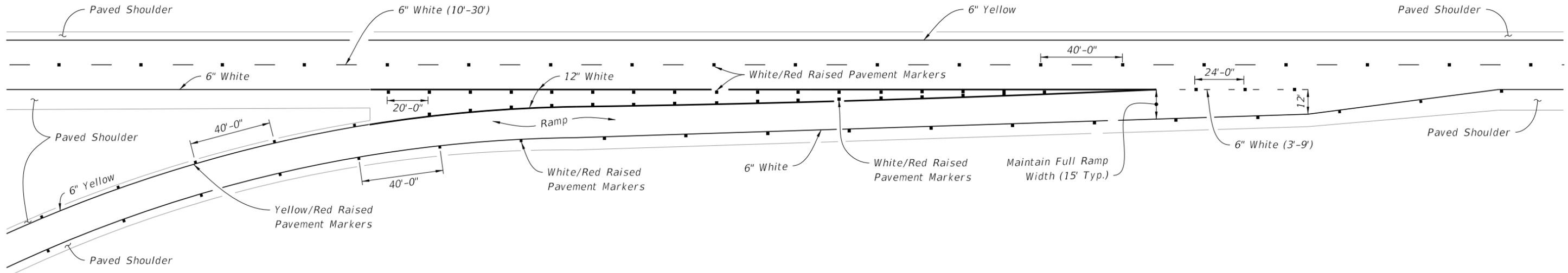
INTERCHANGE MARKINGS

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3 OF 8
~~1 of 7~~

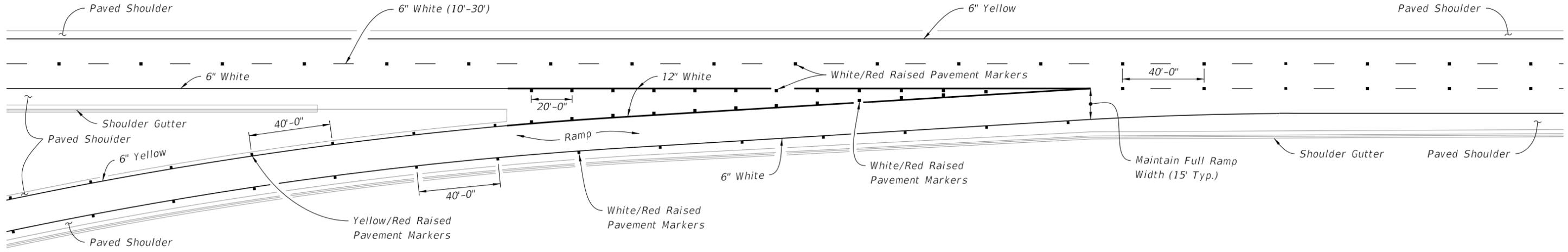
NEW SHEET 2
Typical Pavement Markings at Entrance Ramps

SINGLE LANE RAMPS-EXIT TERMINAL



TAPER - TYPE ENTRANCE

NEW SHEET 1



PARALLEL - TYPE ENTRANCE

GENERAL NOTES
 Added Title →

10/14/2019 2:48:18 PM

LAST REVISION 11/01/17	DESCRIPTION: 11/01/20
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INTERCHANGE MARKINGS

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NEW SHEET 3

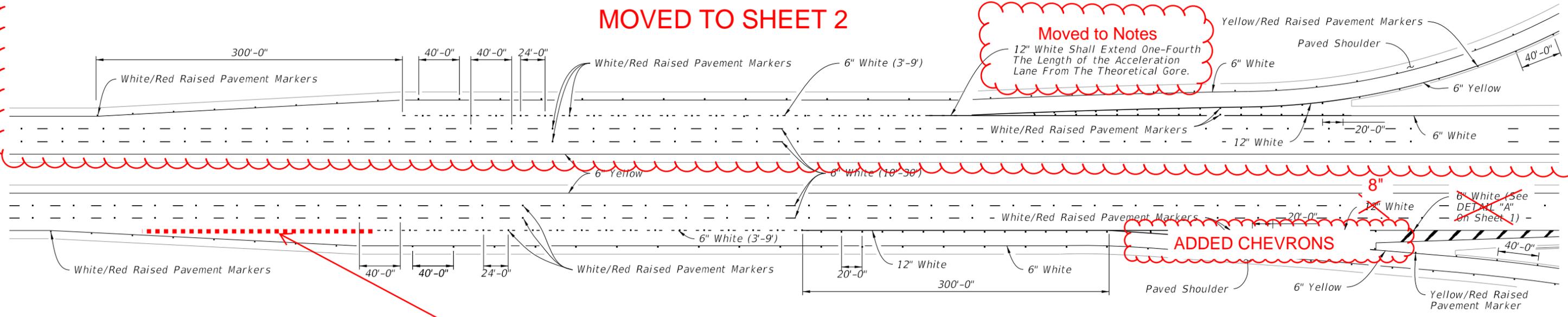
MOVED EXIT RAMP DRAWING FROM SHEET 1

SINGLE LANE RAMPS-EXIT TERMINAL

MOVED TO SHEET 2

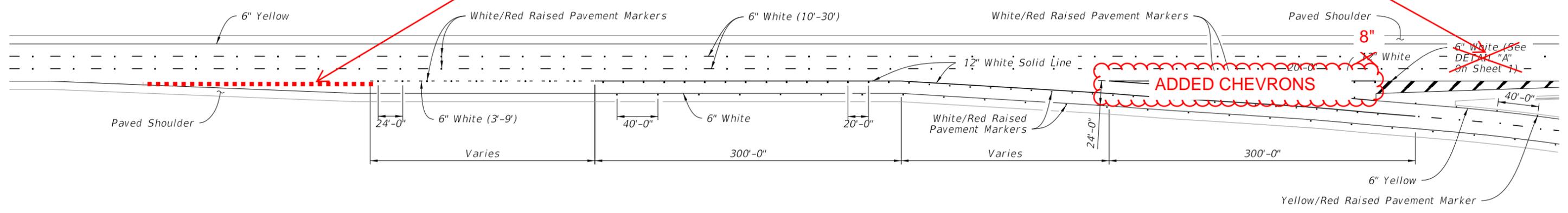
Moved to Notes

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



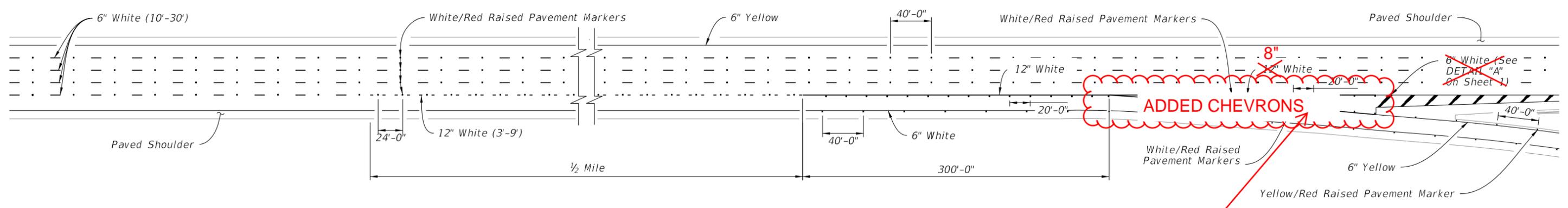
PARALLEL ACCELERATION AND DECELERATION LANE
EXTENDED 3'-9" LINE

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 RAMP

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

Added Title

4 of 8

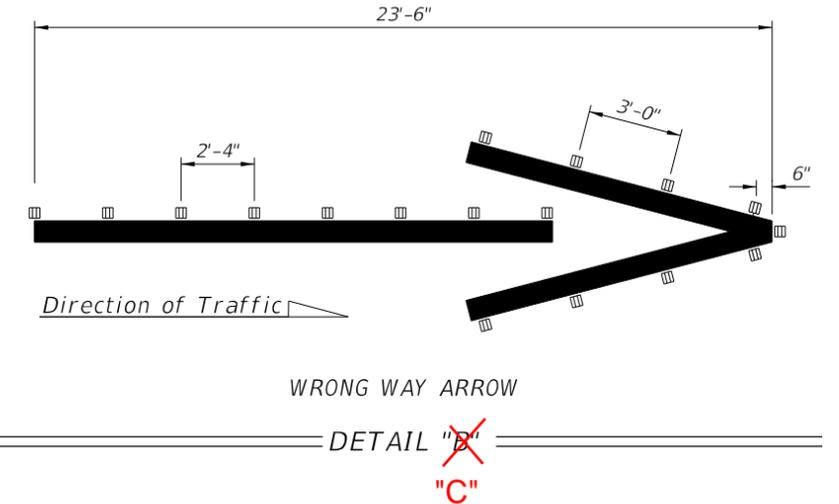
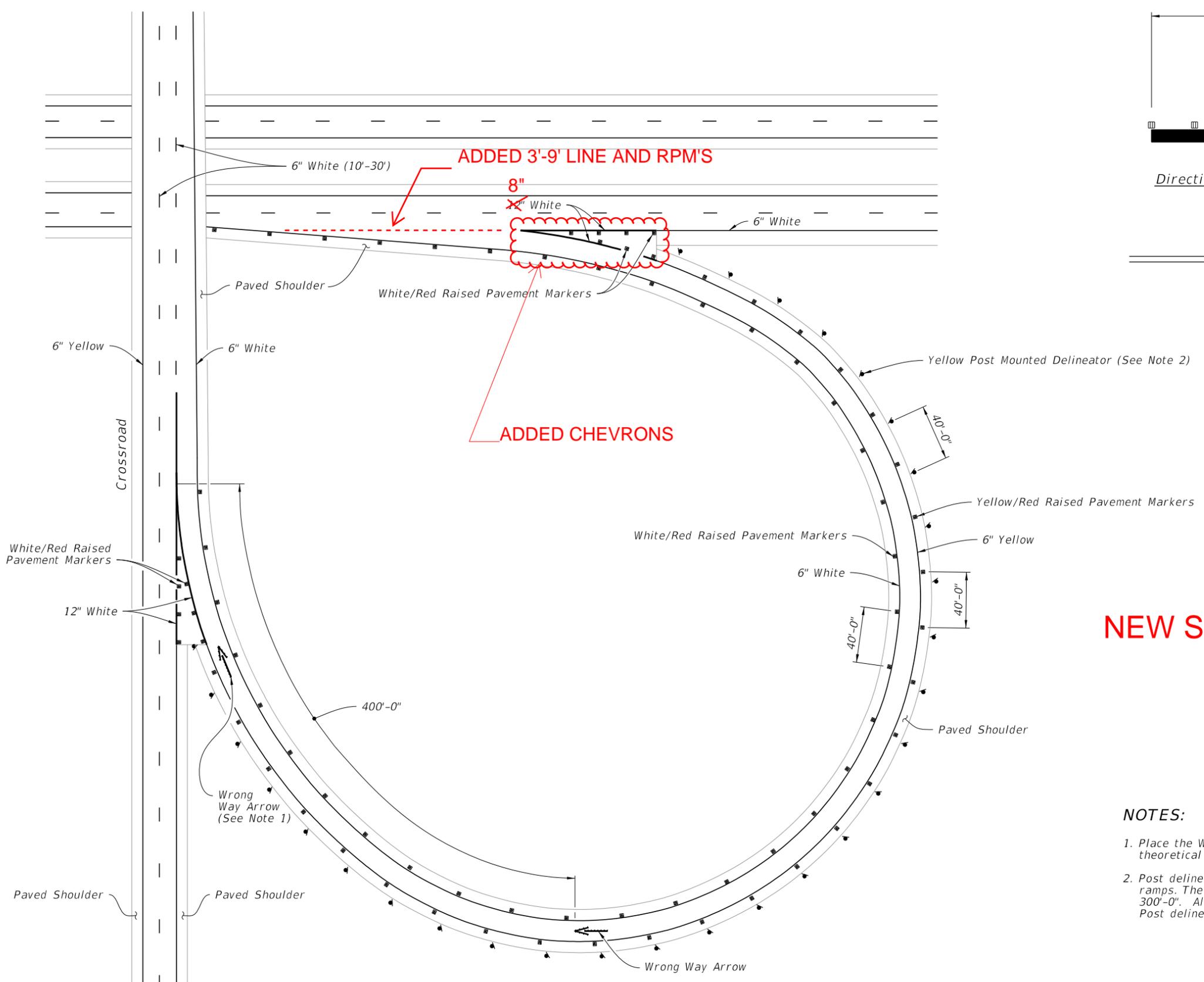
10/14/2019 2:48:18 PM

LAST REVISION 11/01/17	DESCRIPTION: 11/01/20
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INTERCHANGE MARKINGS

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NEW SHEET 5

NOTES:

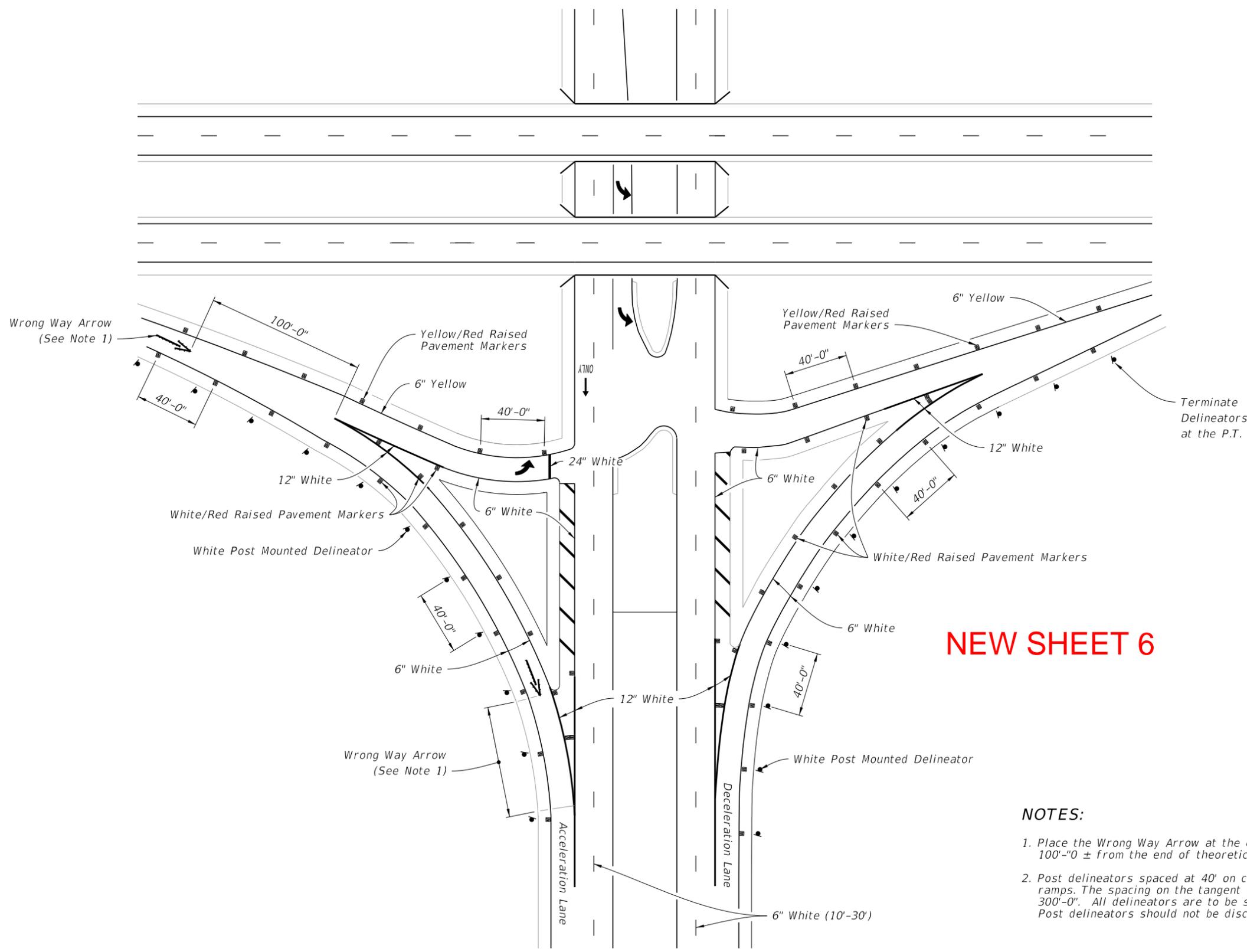
1. Place the Wrong Way Arrow at the physical gore or 100'-0" from the theoretical gore.
2. Post delineators spaced at 40' on curves of the entrance and exit of ramps. The spacing on the tangent portion of the ramp section is 300'-0". All delineators are to be setback 4' from shoulder break. Post delineators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

TYPICAL CURVED EXIT RAMP

Added Title

10/14/2019 2:48:19 PM

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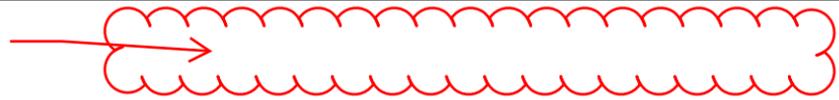
NEW SHEET 6

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

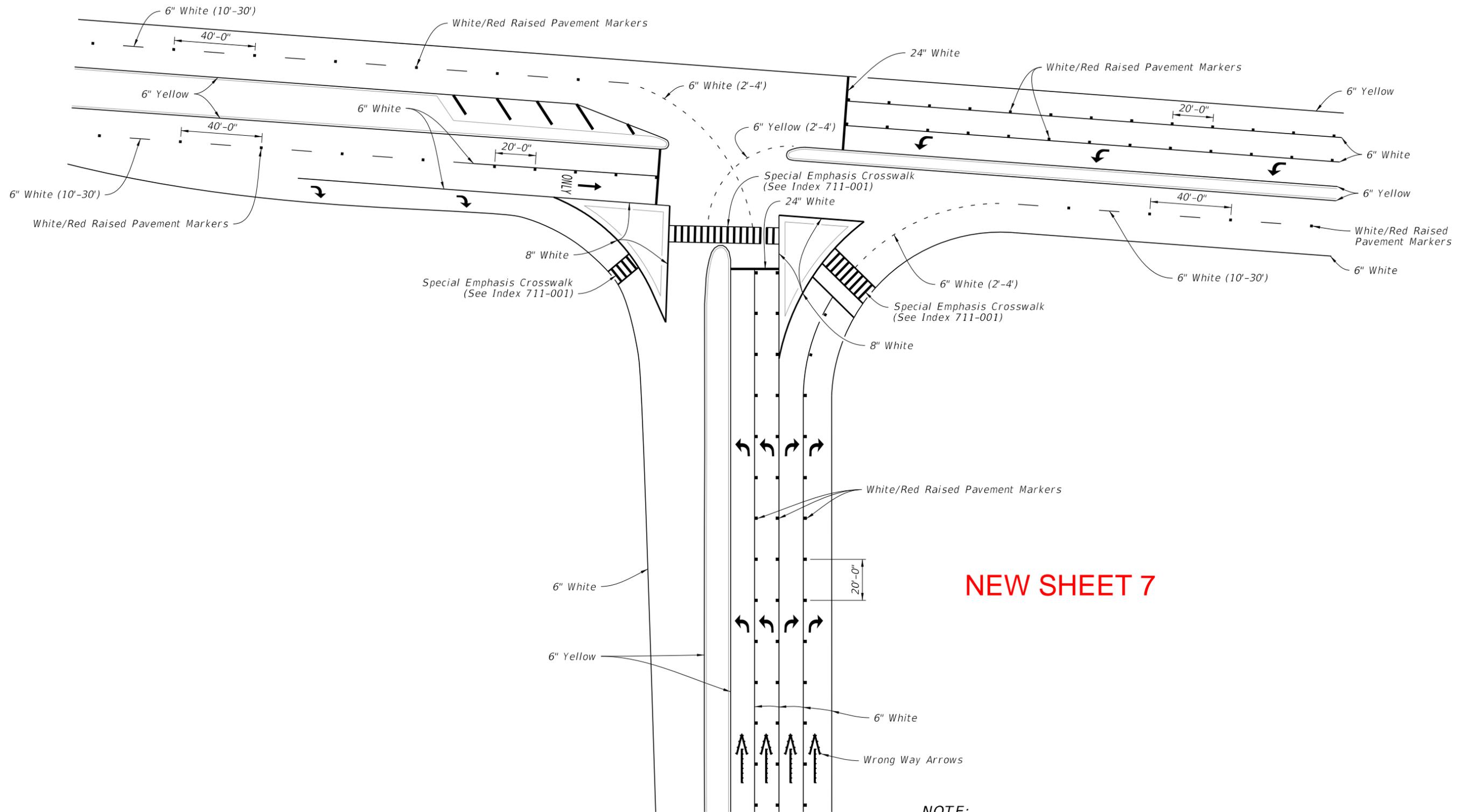


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10/14/2019 2:48:20 PM

LAST REVISION 11/01/17	DESCRIPTION: 11/01/20	 FY 2020-21 STANDARD PLANS	INTERCHANGE MARKINGS	INDEX 711-003	SHEET 5 of 7
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10/14/2019 2:48:20 PM



NEW SHEET 7

NOTE:

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

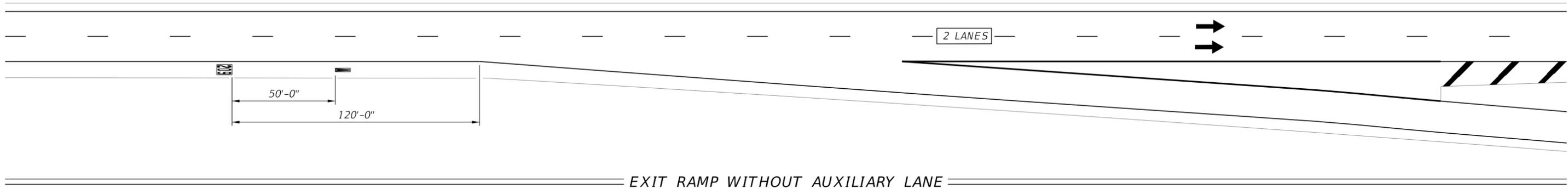


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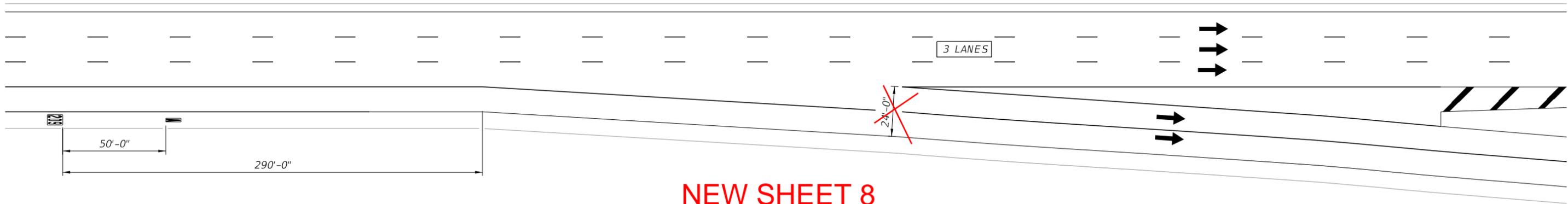
FDOT FY 2020-21 STANDARD PLANS

INTERCHANGE MARKINGS

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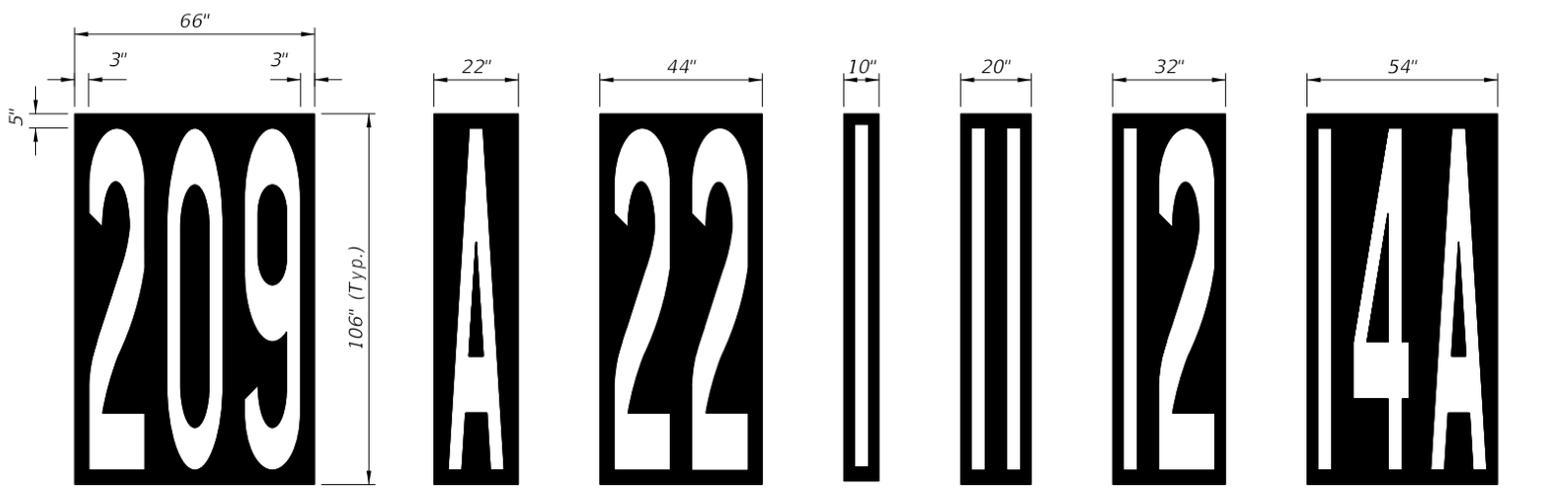


EXIT RAMP WITHOUT AUXILIARY LANE

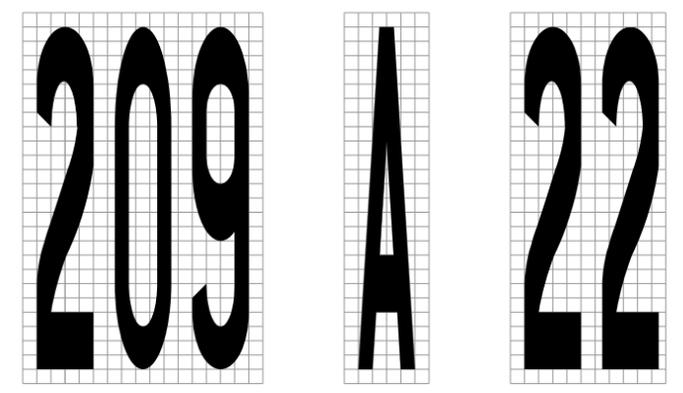


EXIT RAMP WITH AUXILIARY LANE

NEW SHEET 8



MAT DIMENSIONS



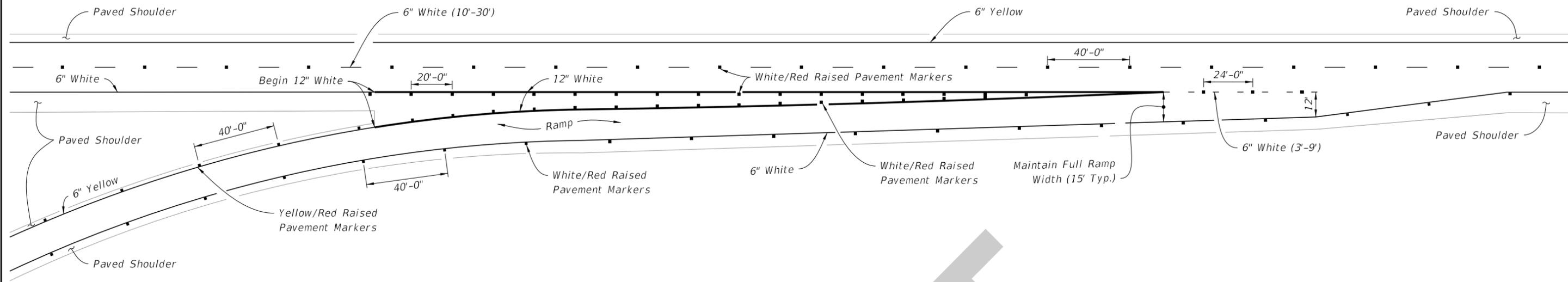
MESSAGE SIZE AND SPACING

- 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 **8 of 8**

10/14/2019 2:48:21 PM

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TAPER - TYPE ENTRANCE



PARALLEL - TYPE ENTRANCE

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.

8/10/2020 9:25:50 AM



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STANDARD PLANS

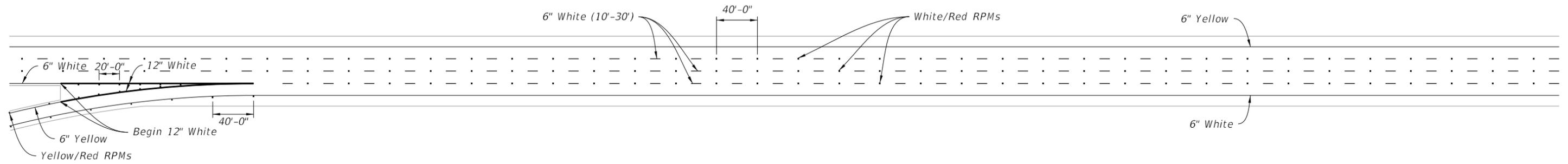
INTERCHANGE MARKINGS

SINGLE LANE RAMPS - ENTRANCE TERMINALS

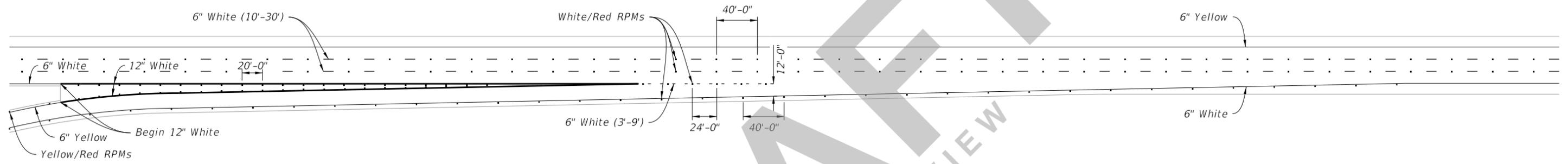
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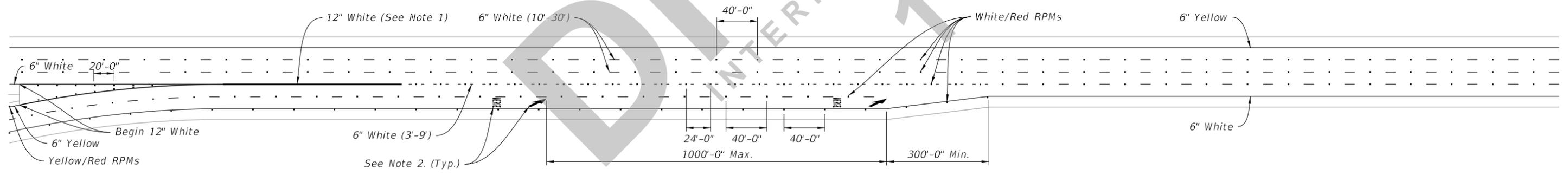
SHEET
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PARALLEL-TYPE ENTRANCE WITH ADDED LANE



TAPER-TYPE ENTRANCE



TWO-LANE PARALLEL-TYPE ENTRANCE WITH ADDED LANE

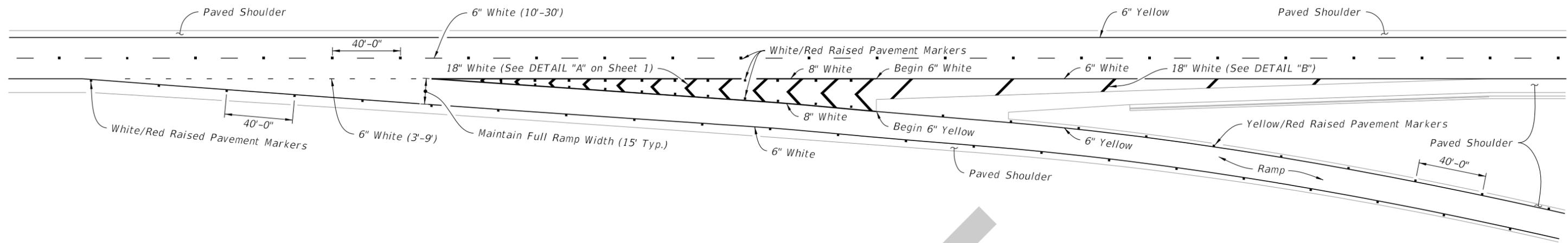
NOTES:

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.

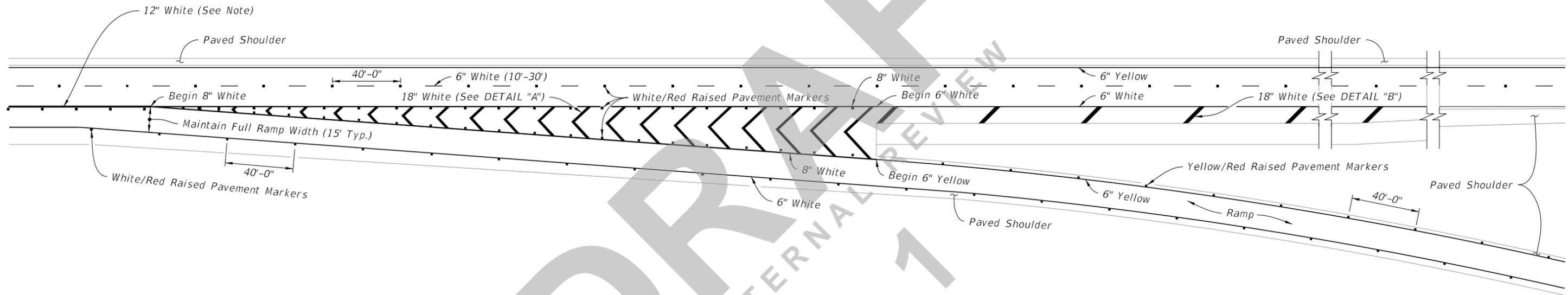
8/10/2020 9:25:51 AM

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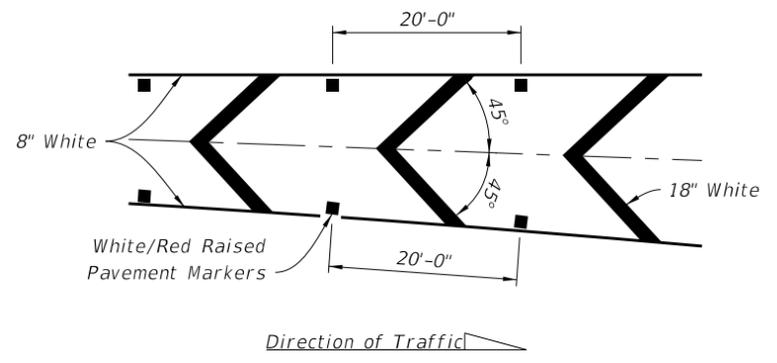
TYPICAL PAVEMENT MARKINGS AT ENTRANCE RAMPS



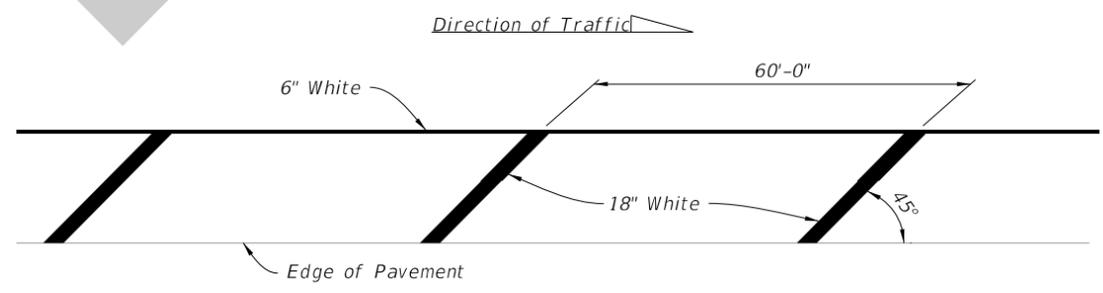
TWO THRU LANES



THREE APPROACH LANES - TWO THRU LANES



DETAIL "A"



DETAIL "B"

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

SINGLE LANE RAMPS - EXIT TERMINALS

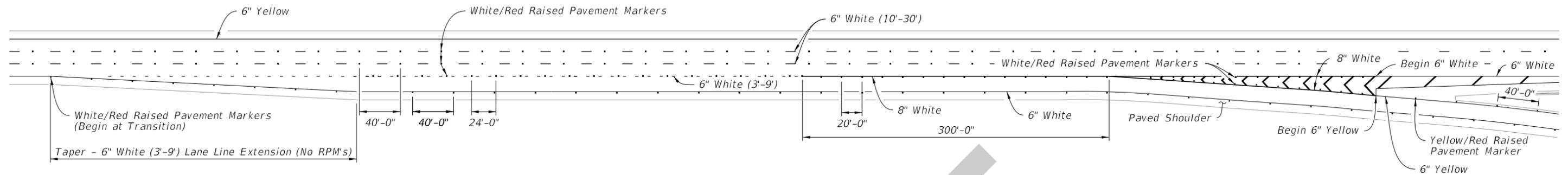
8/10/2020 9:25:54 AM

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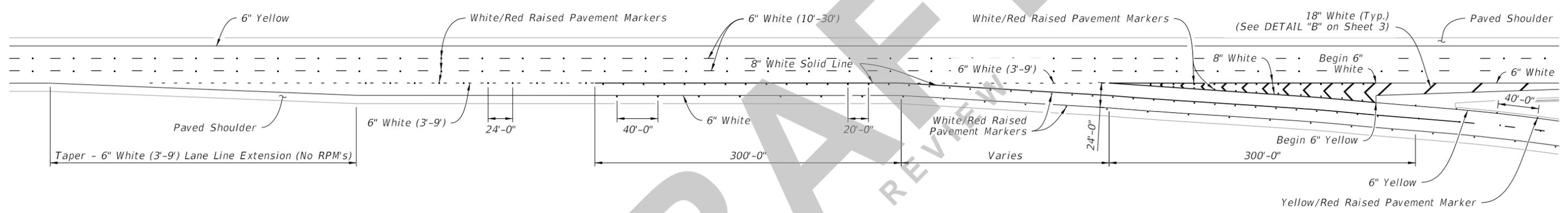

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INTERCHANGE MARKINGS

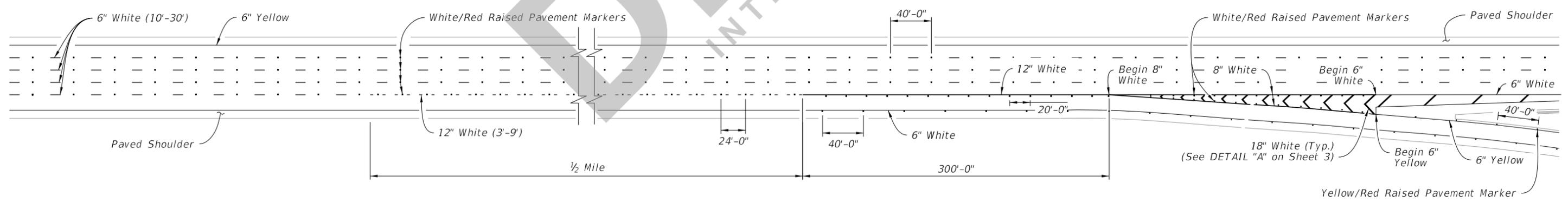
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PARALLEL DECELERATION LANE



MARKINGS AT DUAL LANE EXITS



LANE DROP MARKINGS AT EXIT RAMP

TYPICAL PAVEMENT MARKINGS AT EXIT RAMPS

8/10/2020 9:26:29 AM

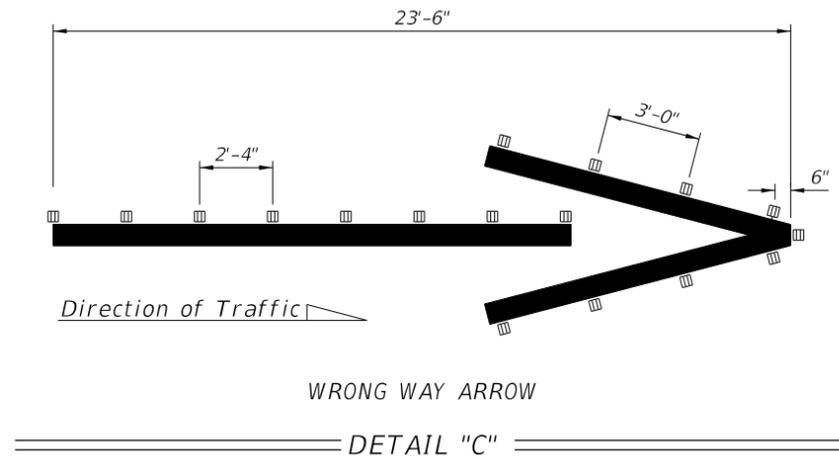
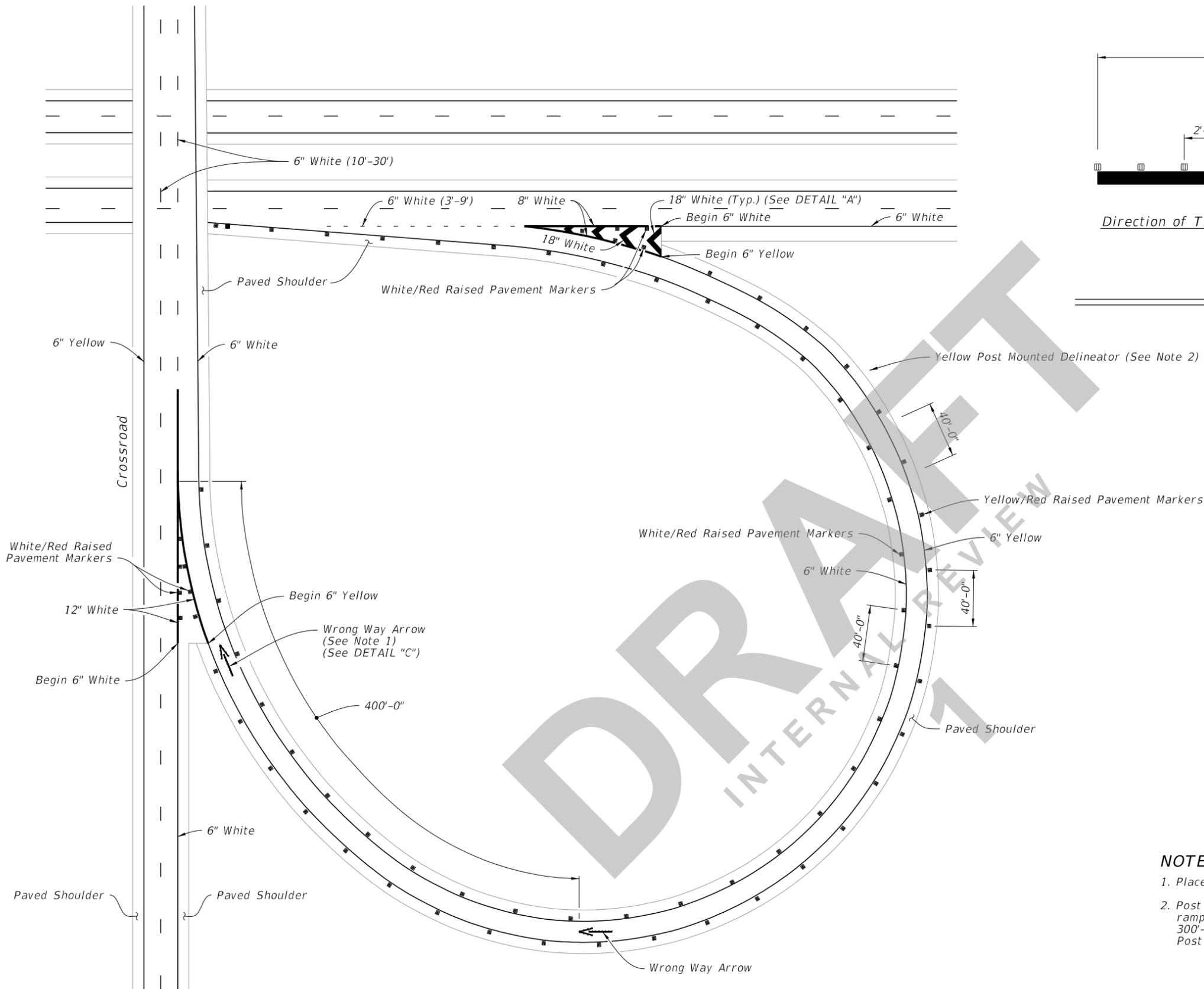
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TYPICAL CURVED EXIT RAMP

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

LAST REVISION	DESCRIPTION:
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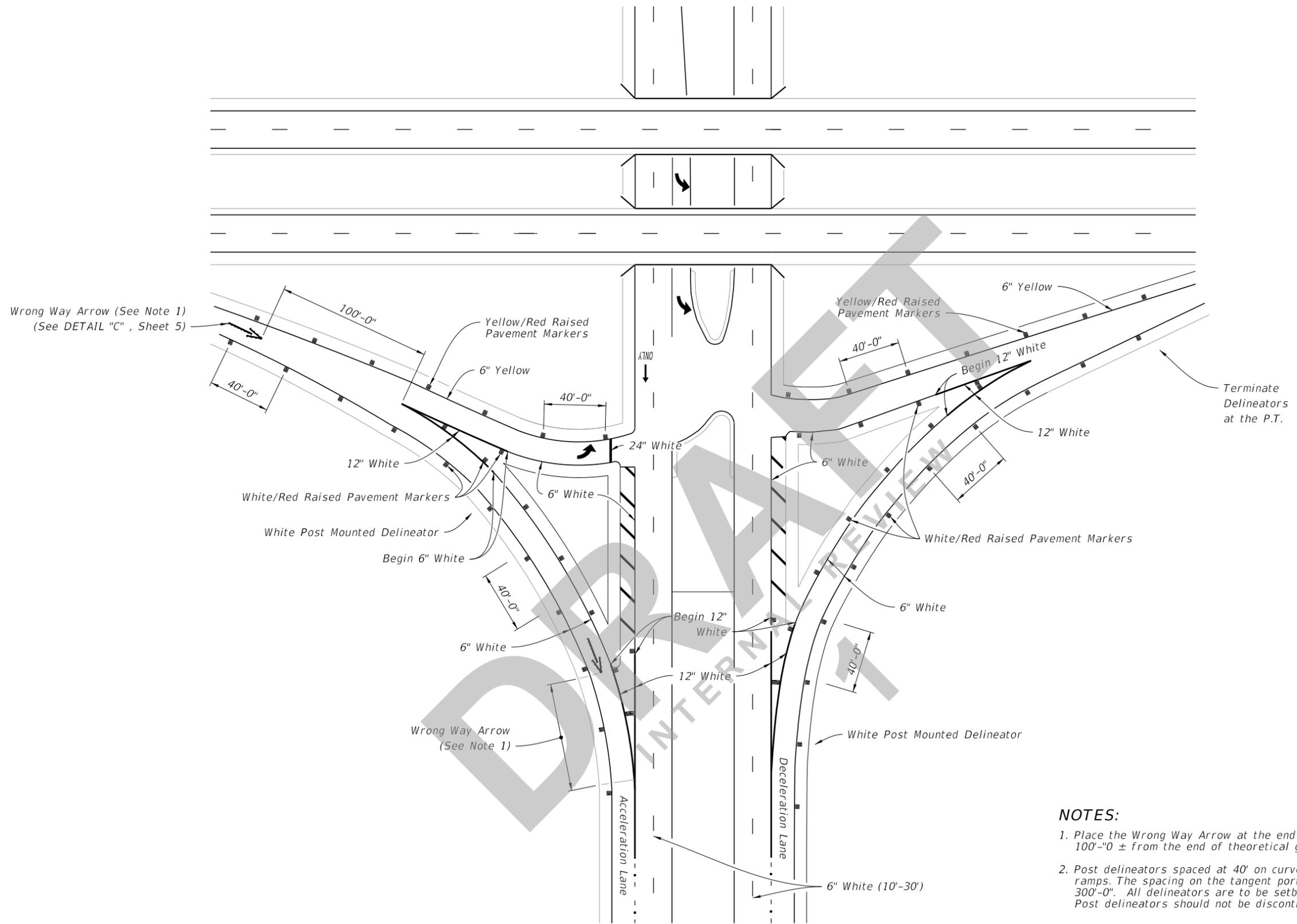
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NOTES:

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

LAST REVISION 11/01/20	DESCRIPTION:
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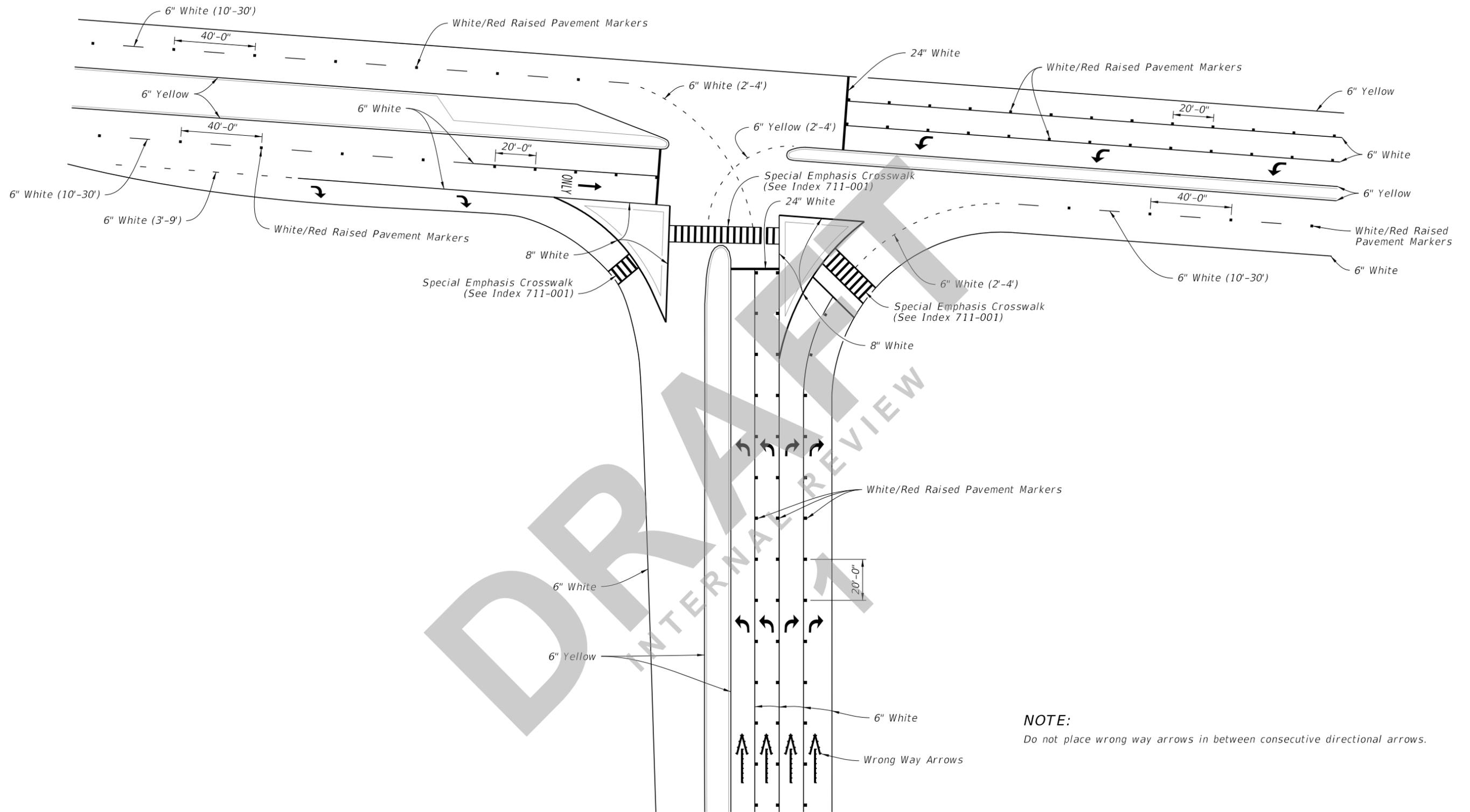
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STANDARD PLANS

INTERCHANGE MARKINGS

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8/10/2020 9:27:40 AM



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

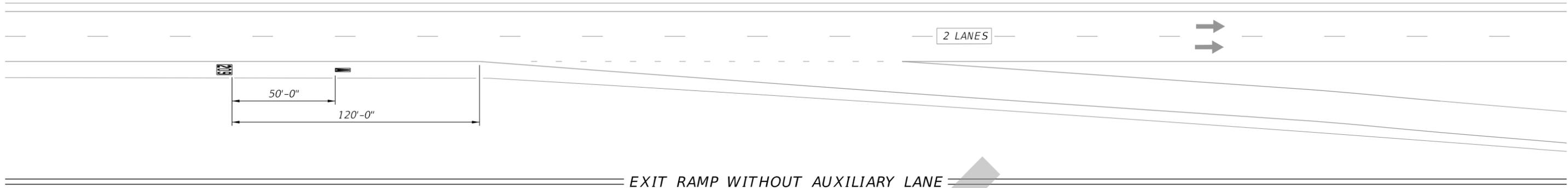
TYPICAL PARTIAL CLOVERLEAF/TRUMPET EXIT RAMP

LAST REVISION 11/01/20	DESCRIPTION:
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STANDARD PLANS

INTERCHANGE MARKINGS

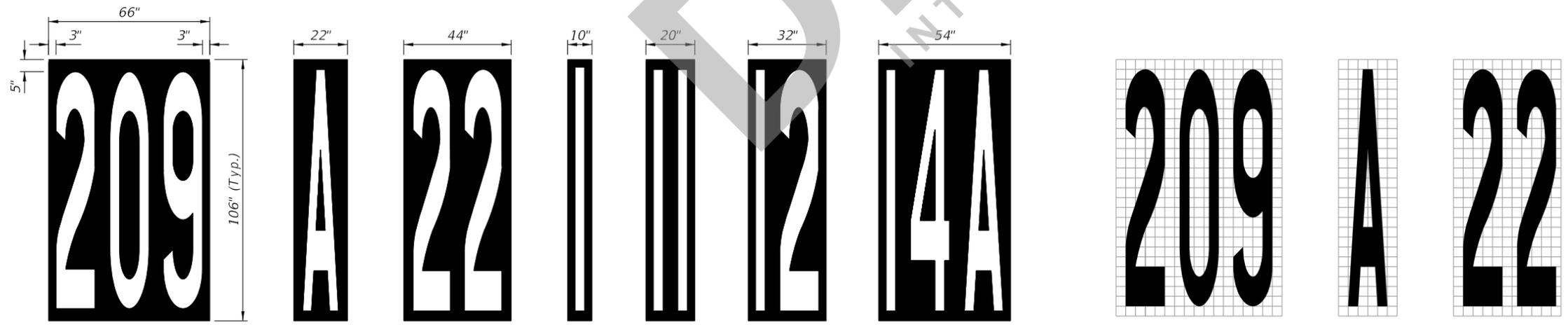
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EXIT RAMP WITHOUT AUXILIARY LANE



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

8/10/2020 9:27:43 AM

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