

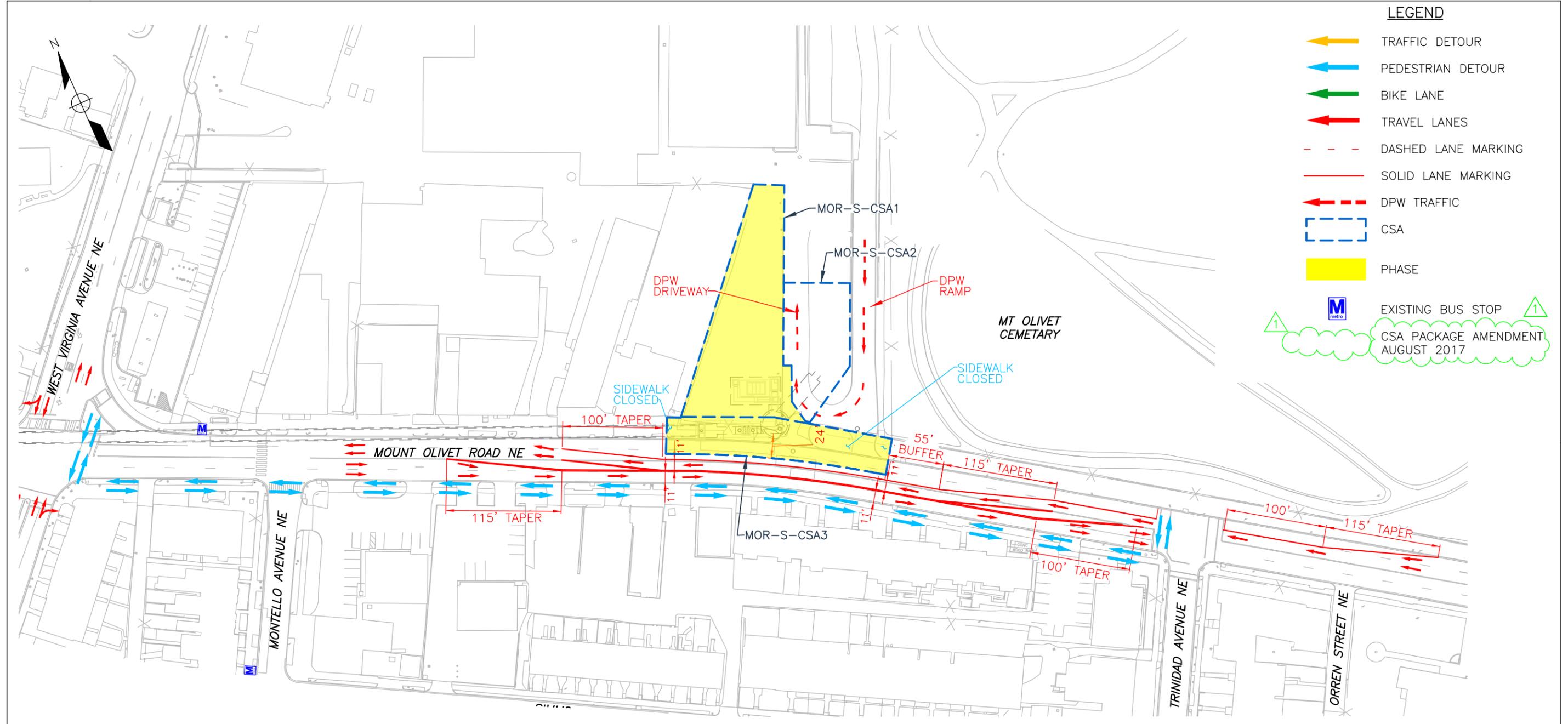
Table B-1: Mt Olivet Road Site Mandatory Traffic and Pedestrian Requirements

Site	Construction Staging Area • Phase	Est. Duration (months)	Traffic	Pedestrian
Mt Olivet Road	MOR-S-CSA1 • N/A	48	Maintain two-way vehicular access at all times between the DPW Ramp and DPW Driveway	N/A
	MOR-S-CSA2 • N/A	3	Maintain two-way vehicular access at all times between the DPW Ramp and DPW Driveway	N/A
	MOR-S-CSA3 • Phase 1	1823	<p><u>Mt Olivet Road NE Eastbound</u></p> <ul style="list-style-type: none"> Maintain 11-ft travel lane open at all times <p><u>Mt Olivet Road NE Westbound</u></p> <ul style="list-style-type: none"> Maintain 11-ft travel lane open at all times <p>Install “TOW AWAY” signage along Mt Olivet Road to restrict parking in areas needed for shifted travel lanes</p> <p>Maintain two-way vehicular access at all times between the DPW Ramp and DPW Driveway</p>	<p><u>Mt Olivet Road NE</u></p> <ul style="list-style-type: none"> Maintain all sidewalks eastbound sidewalk open at all times Detour pedestrians as outlined in the G-Series Drawings Conceptual TMPs Maintain access at all times between the DPW Ramp and DPW Driveway
	MOR-D-CSA1 • Phase 2	12	<p><u>Mt Olivet Road NE Eastbound</u></p> <ul style="list-style-type: none"> Maintain 11-ft travel lane open at all times Restrict traffic from turning left at West Virginia Avenue NE. Detour traffic as outlined in the Conceptual TMP’s Restrict traffic from turning left at Capitol Avenue NE. Detour traffic as outlined in the Conceptual TMP’s <p><u>Mt Olivet Road NE Westbound</u></p> <ul style="list-style-type: none"> Maintain 11-ft travel lane open at all times Restrict traffic from turning left at West Virginia Avenue NE. Detour traffic as outlined in the Conceptual TMP’s <p><u>West Virginia Avenue NE</u></p> <ul style="list-style-type: none"> Maintain all lanes open at all times <p><u>Capitol Avenue NE</u></p> <ul style="list-style-type: none"> Restrict traffic from turning left at Mt Olivet Road NE <p>Modify signal timings at the intersection of Mt Olivet Road NE and West Virginia Avenue NE to reduce delays</p> <p>Maintain access to Bethesda Baptist Church parking lot at all times</p>	<p><u>Mt Olivet Road NE</u></p> <ul style="list-style-type: none"> Maintain eastbound sidewalk open at all times Maintain southern crosswalk at intersection of West Virginia Avenue NE open at all times Detour pedestrians as outlined in the G-Series Drawings Conceptual TMPs <p><u>West Virginia Avenue NE</u></p> <ul style="list-style-type: none"> Maintain all sidewalks open at all times Maintain all crosswalks open at all times <p><u>Capitol Avenue NE</u></p> <ul style="list-style-type: none"> Maintain southbound sidewalk open at all times Stripe eastern crosswalk at intersection of Kendall Street NE with high visibility zebra striping – maintain open at all times Construct curb ramp at the intersection of Park Sidewalk and Capitol Avenue NE <p><u>Kendall Street NE</u></p> <ul style="list-style-type: none"> Maintain all sidewalks open at all times Stripe crosswalk at intersection of Capitol Avenue NE with high visibility zebra striping – maintain open at all times

Site	Construction Staging Area Phase	Est. Duration (months)	Traffic	Pedestrian
Mt Olivet Road	MOR-D-CSA2 • Phase 3	6	<p><u>Mt Olivet Road NE Eastbound</u></p> <ul style="list-style-type: none"> • Maintain 11-ft travel lane open at all times • Restrict traffic from turning left at West Virginia Avenue NE. Detour traffic as outlined in the Conceptual TMP's • Restrict traffic from turning left at Capitol Avenue NE. Detour traffic as outlined in the Conceptual TMP's <p><u>Mt Olivet Road NE Westbound</u></p> <ul style="list-style-type: none"> • Maintain 11-ft travel lane open at all times • Restrict traffic from turning left at West Virginia Avenue NE. Detour traffic as outlined in the Conceptual TMP's <p><u>West Virginia Avenue NE</u></p> <ul style="list-style-type: none"> • Maintain all lanes open at all times <p><u>Capitol Avenue NE Southbound</u></p> <ul style="list-style-type: none"> • Maintain 11-ft travel lane open at all times • Restrict traffic from turning left at Mt Olivet Road NE <p>Modify signal timings at the intersection of Mt Olivet Road NE and West Virginia Avenue NE to reduce delays</p> <p>Maintain access to Bethesda Baptist Church parking lot at all times.</p>	<p><u>Mt Olivet Road NE</u></p> <ul style="list-style-type: none"> • Maintain all sidewalks open at all times • Maintain all crosswalks at intersection of West Virginia Avenue NE open at all times <p><u>West Virginia Avenue NE</u></p> <ul style="list-style-type: none"> • Maintain all sidewalks open at all times • Maintain all crosswalks open at all times <p><u>Capitol Avenue NE</u></p> <ul style="list-style-type: none"> • Maintain southbound sidewalk open at all times • Detour pedestrians as outlined in the Conceptual TMP's <p><u>Kendall Street NE</u></p> <ul style="list-style-type: none"> • Maintain all sidewalks open at all times • Maintain all crosswalks at intersection of Capitol Avenue NE open at all times
	MOR-D-CSA3 Phase 4	3	<p><u><i>Mt Olivet Road NE Eastbound</i></u></p> <ul style="list-style-type: none"> • <i>Maintain 11-ft travel lane open at all times</i> • <i>Restrict traffic from turning left at West Virginia Avenue NE. Detour traffic as outlined in the Conceptual TMP's</i> • <i>Restrict traffic from turning left at Capitol Avenue NE Detour traffic as outlined in the Conceptual TMP's</i> <p><u><i>Mt Olivet Road NE Westbound</i></u></p> <ul style="list-style-type: none"> • <i>Maintain 11-ft travel lane open at all times</i> • <i>Restrict traffic from turning left at West Virginia Avenue NE. Detour traffic as outlined in the Conceptual TMP's</i> <p><u><i>West Virginia Avenue NE</i></u></p> <ul style="list-style-type: none"> • <i>Maintain all lanes open at all times</i> <p><u><i>Capitol Avenue NE Southbound</i></u></p> <ul style="list-style-type: none"> • <i>Restrict traffic from turning left at Mt Olivet Road NE</i> <p><i>Modify signal timings at the intersection of Mt Olivet Road NE and West Virginia Avenue NE to reduce delays</i></p>	<p><u><i>Mt Olivet Road NE</i></u></p> <ul style="list-style-type: none"> • <i>Maintain all sidewalks open at all times</i> • <i>Maintain eastern crosswalk at intersection of West Virginia Avenue NE open at all times</i> • <i>Detour pedestrians as outlined in the Conceptual TMPs</i> <p><u><i>West Virginia Avenue NE</i></u></p> <ul style="list-style-type: none"> • <i>Maintain all sidewalks open at all times</i> • <i>Maintain all crosswalks open at all times</i> <p><u><i>Capitol Avenue NE</i></u></p> <ul style="list-style-type: none"> • <i>Maintain all sidewalks open at all times</i> • <i>Maintain all crosswalks open at all times</i> • <i>Detour pedestrians as outlined in the Conceptual TMPs</i> <p><u><i>Kendall Street NE</i></u></p> <ul style="list-style-type: none"> • <i>Maintain all sidewalks open at all times</i> • <i>Maintain all crosswalks at intersection of Capitol Avenue NE open at all times</i>

LEGEND

-  TRAFFIC DETOUR
-  PEDESTRIAN DETOUR
-  BIKE LANE
-  TRAVEL LANES
-  DASHED LANE MARKING
-  SOLID LANE MARKING
-  DPW TRAFFIC
-  CSA
-  PHASE
-  EXISTING BUS STOP
-  CSA PACKAGE AMENDMENT AUGUST 2017

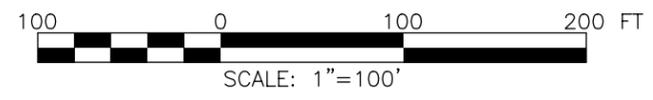


NOTE:
 THESE CONCEPTUAL PHASING PLANS ILLUSTRATE POSSIBLE LAYOUTS FOR CONSTRUCTION. THE DESIGN BUILDER MAY USE AN ALTERNATE SITE ARRANGEMENT TO ACCOMMODATE THEIR CHOSEN CONSTRUCTION METHOD SUBJECT TO THE MANDATORY REQUIREMENTS OUTLINED IN THE PROJECT SPECIFICATIONS. FINAL MAINTENANCE OF TRAFFIC PLANS WILL BE SUBMITTED BY THE DESIGN BUILDER.

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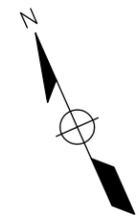
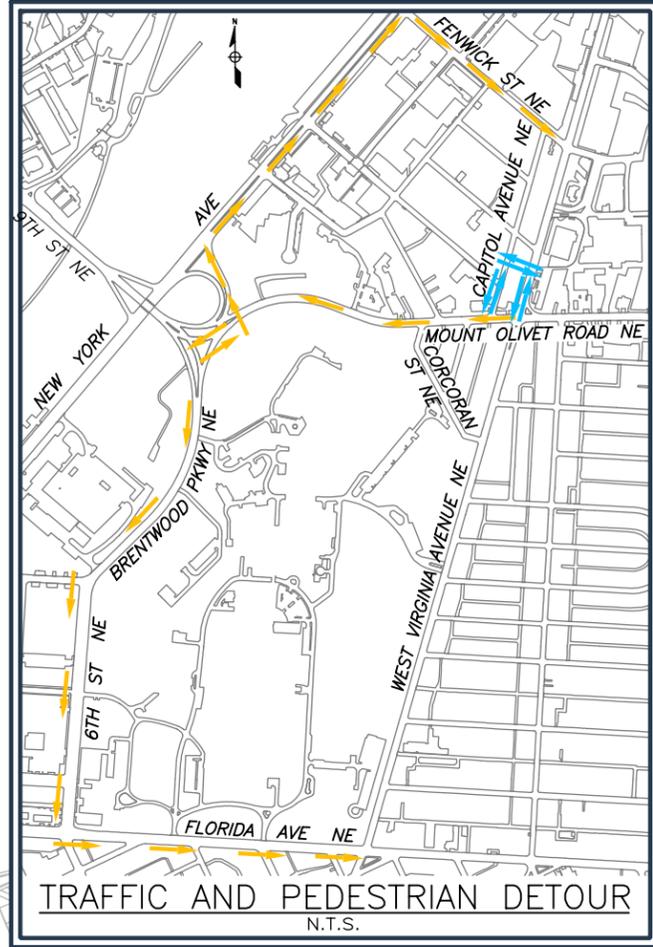
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 NORTHEAST BOUNDARY TUNNEL
 MOUNT OLIVET ROAD SITE - PHASE 1
 CONSTRUCT SHAFT

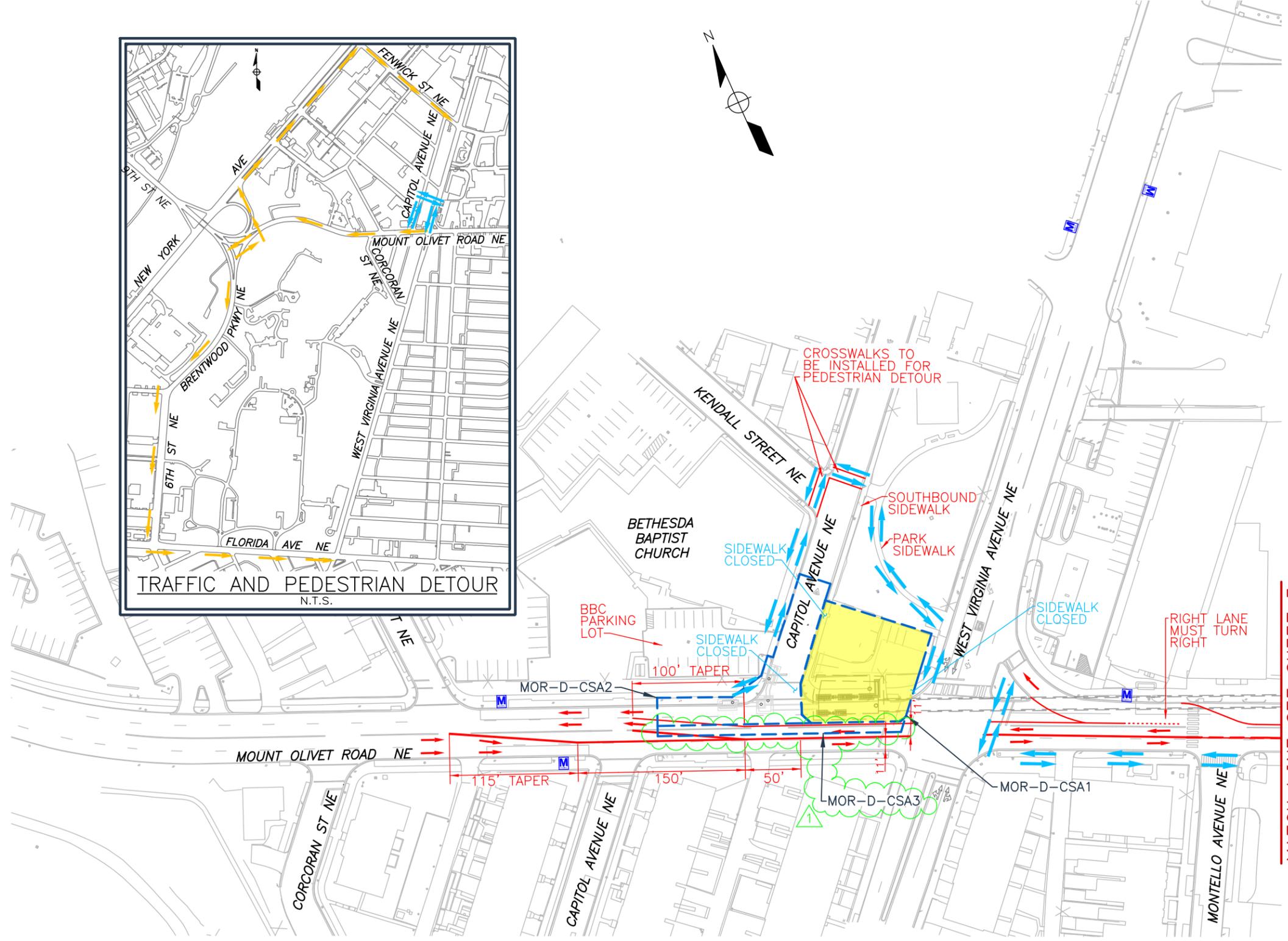
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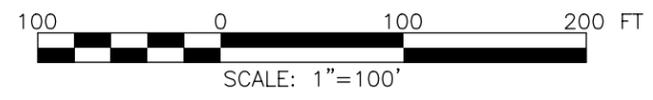
LEGEND

- TRAFFIC DETOUR
- PEDESTRIAN DETOUR
- BIKE LANE
- TRAVEL LANES
- DASHED LANE MARKING
- SOLID LANE MARKING
- DPW TRAFFIC
- CSA
- PHASE
- EXISTING BUS STOP
- CSA PACKAGE AMENDMENT AUGUST 2017



NOTE:
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 ILLUSTRATE POSSIBLE LAYOUTS FOR
 CONSTRUCTION. THE DESIGN BUILDER
 MAY USE AN ALTERNATE SITE ARRANGEMENT
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 CONSTRUCTION METHOD SUBJECT TO THE
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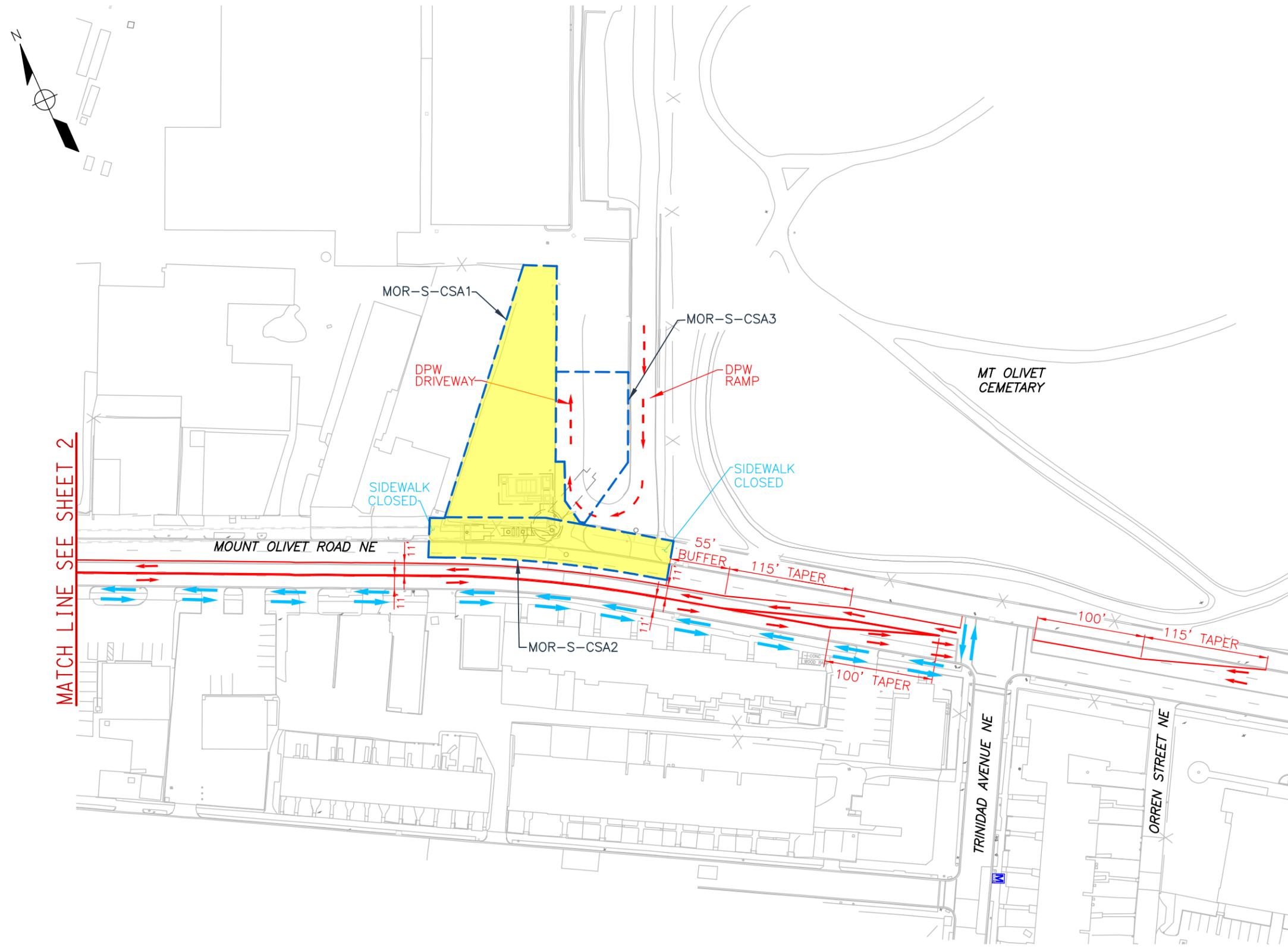


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 NORTHEAST BOUNDARY TUNNEL
MOUNT OLIVET ROAD SITE – PHASE 2
CONSTRUCT DIVERSION CHAMBER

DATE: AUGUST 2017 SHEET 2 OF 5

LEGEND

-  TRAFFIC DETOUR
-  PEDESTRIAN DETOUR
-  BIKE LANE
-  TRAVEL LANES
-  DASHED LANE MARKING
-  SOLID LANE MARKING
-  DPW TRAFFIC
-  CSA
-  PHASE
-  EXISTING BUS STOP
-  CSA PACKAGE AMENDMENT AUGUST 2017

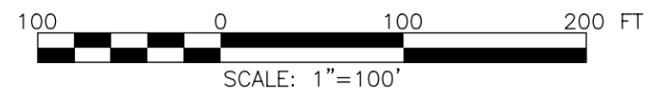


MATCH LINE SEE SHEET 2

- NOTES:**
1. THESE CONCEPTUAL PHASING PLANS ILLUSTRATE POSSIBLE LAYOUTS FOR CONSTRUCTION. THE DESIGN BUILDER MAY USE AN ALTERNATE SITE ARRANGEMENT TO ACCOMMODATE THEIR CHOSEN CONSTRUCTION METHOD SUBJECT TO THE MANDATORY REQUIREMENTS OUTLINED IN THE PROJECT SPECIFICATIONS. FINAL MAINTENANCE OF TRAFFIC PLANS WILL BE SUBMITTED BY THE DESIGN BUILDER.
 2. PHASING SHOWN CONCURRENT WITH DIVERSION CHAMBER CONSTRUCTION.

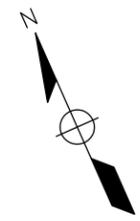
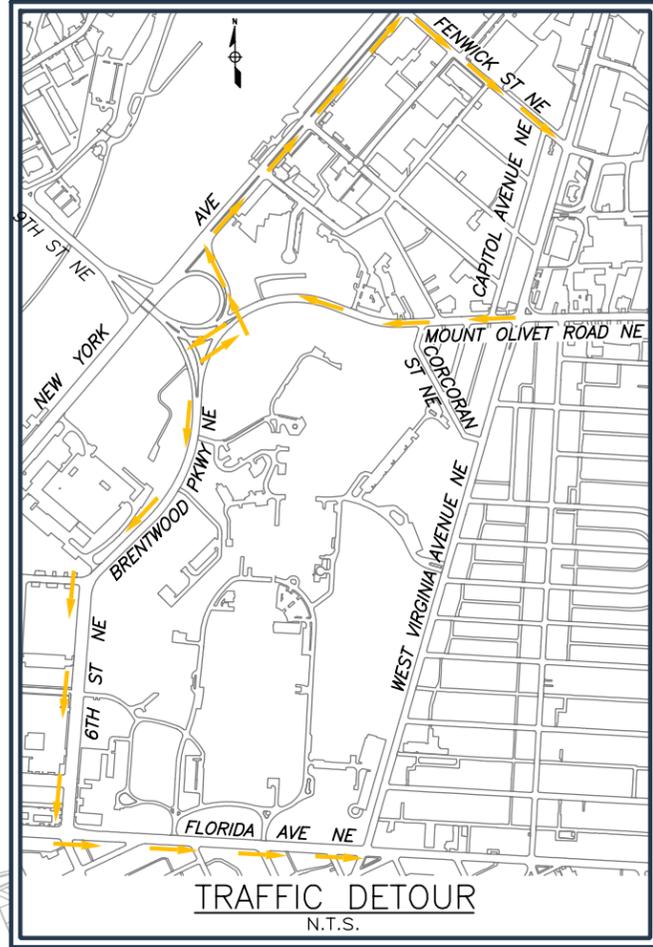
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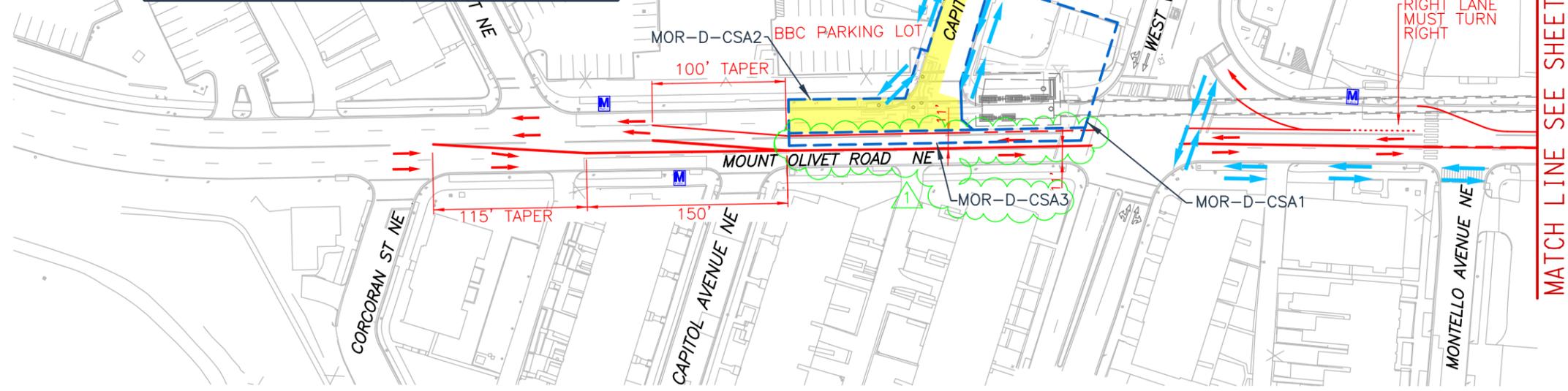
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 NORTHEAST BOUNDARY TUNNEL
 MOUNT OLIVET ROAD SITE – PHASE 2
 ALTERNATIVE TO CONSTRUCT SHAFT
 DATE: AUGUST 2017 SHEET 3 OF 5

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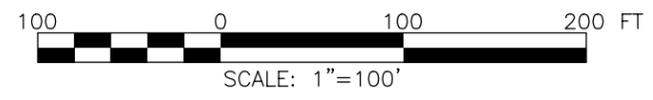
LEGEND

- TRAFFIC DETOUR
- PEDESTRIAN DETOUR
- BIKE LANE
- TRAVEL LANES
- DASHED LANE MARKING
- SOLID LANE MARKING
- DPW TRAFFIC
- CSA
- PHASE
- EXISTING BUS STOP
- CSA PACKAGE AMENDMENT AUGUST 2017



NOTE:
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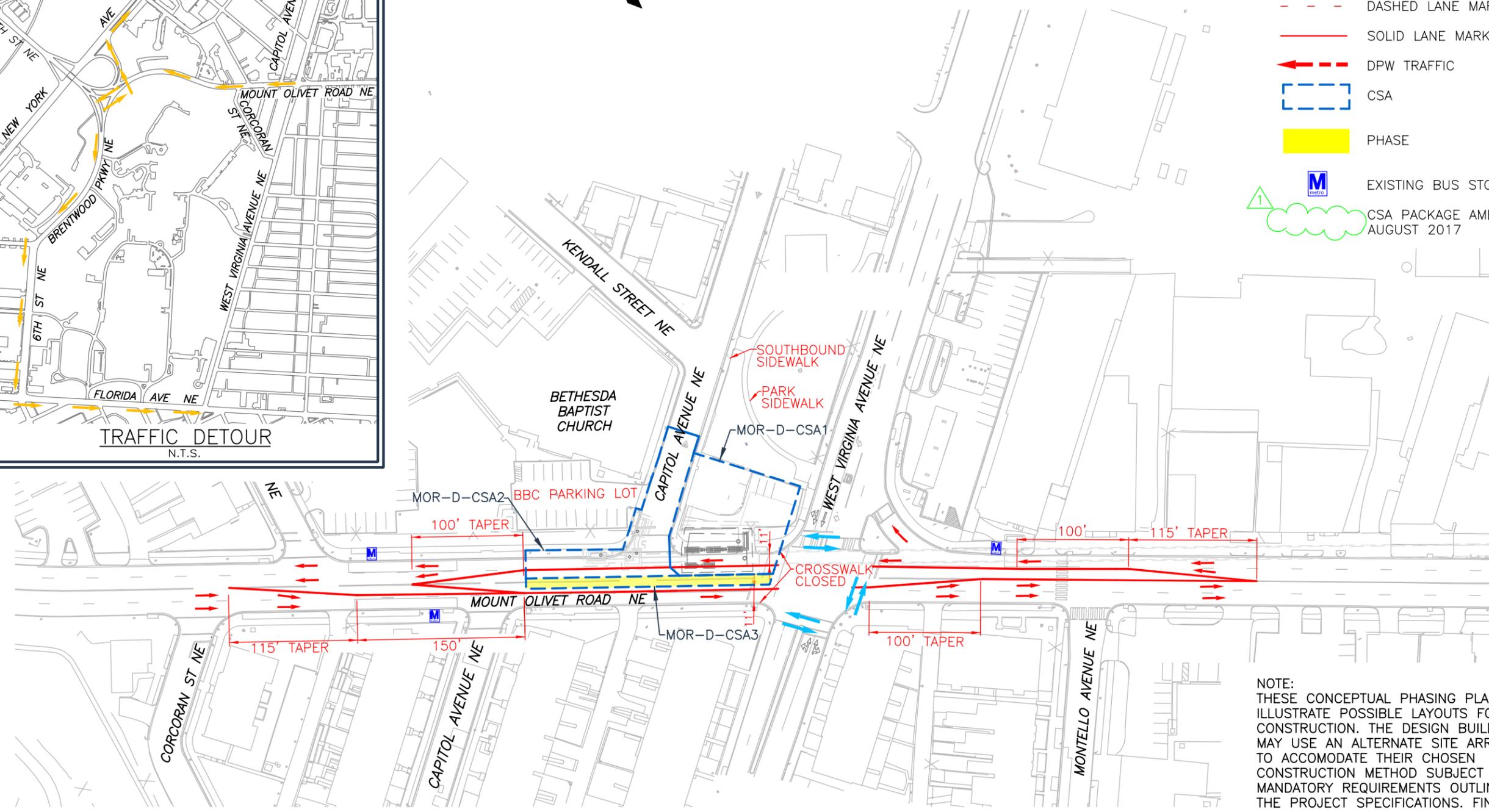
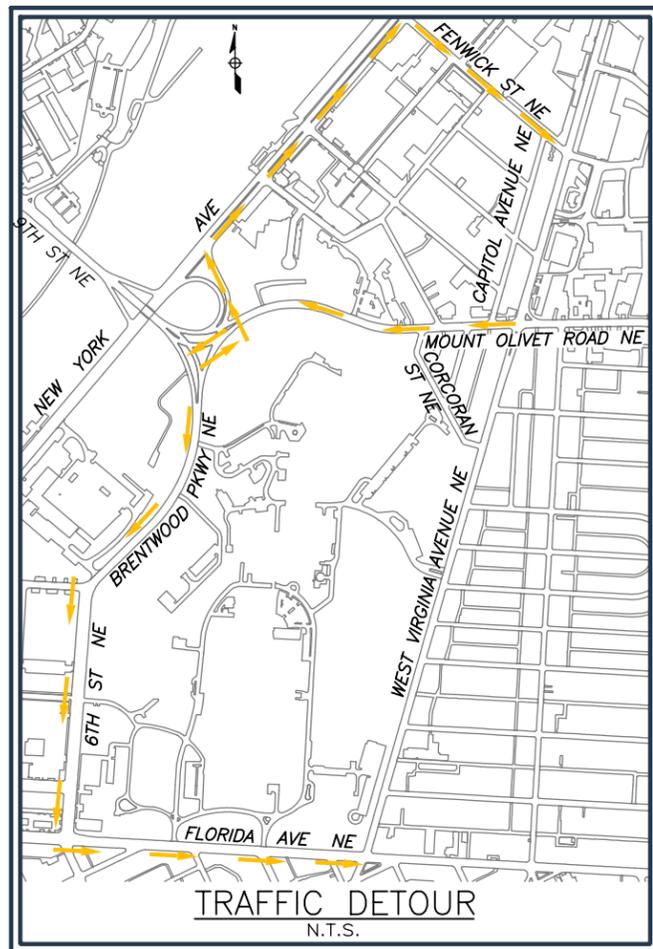


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 NORTHEAST BOUNDARY TUNNEL
 MOUNT OLIVET ROAD SITE – PHASE 3
 INLET CONSTRUCTION

DATE: AUGUST 2017 SHEET 4 OF 5

LEGEND

-  TRAFFIC DETOUR
-  PEDESTRIAN DETOUR
-  BIKE LANE
-  TRAVEL LANES
-  DASHED LANE MARKING
-  SOLID LANE MARKING
-  DPW TRAFFIC
-  CSA
-  PHASE
-  EXISTING BUS STOP
-  CSA PACKAGE AMENDMENT AUGUST 2017

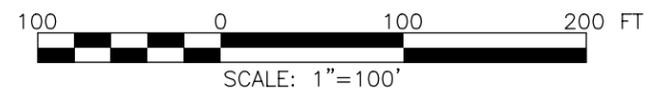


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MOUNT OLIVET ROAD SITE – PHASE 4
CENTER LANE CLOSURE

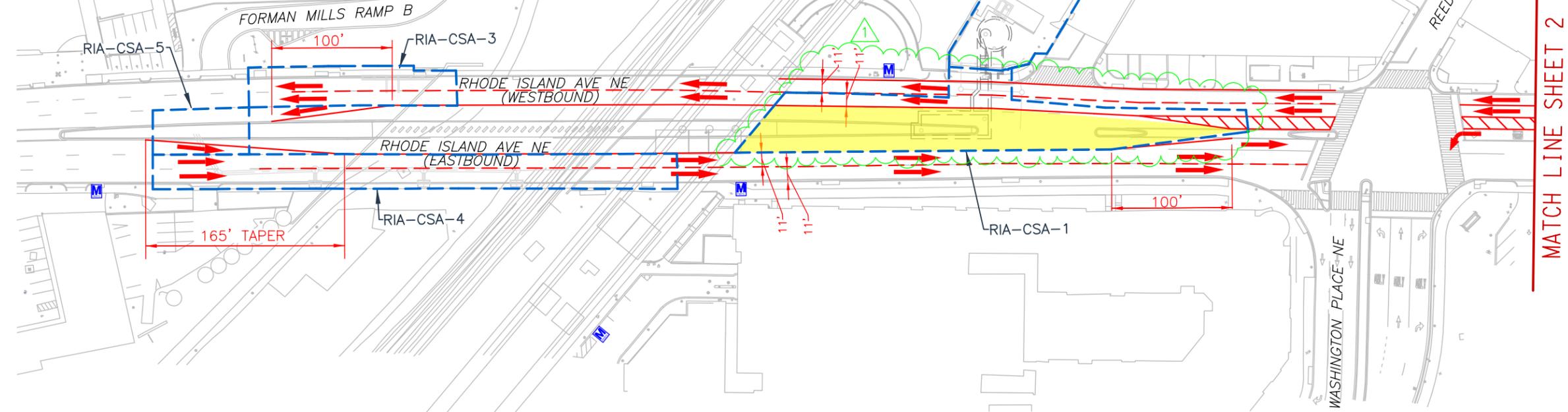
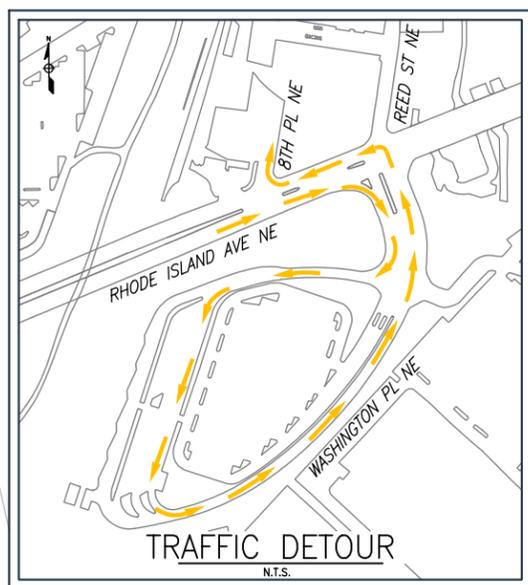
DATE: AUGUST 2017	SHEET 5 OF 5
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Table B-2: Rhode Island Avenue Site Mandatory Traffic and Pedestrian Requirements

Site	Construction Staging Area • Phase	Est. Duration (months)	Traffic	Pedestrian
Rhode Island Avenue	RIA-CSA1 • Phases 1-3	12 15	<p><u>Rhode Island Avenue NE Eastbound</u></p> <ul style="list-style-type: none"> • Maintain two (2) 11-ft travel lanes open at all times • Restrict traffic from turning left at the intersection of 10th Street NE. Detour traffic as outlined in the Conceptual TMP's • Restrict traffic from turning left onto 8th Place NE. Detour traffic as outlined in the Conceptual TMP's • Restrict traffic from turning left onto Reed Street NE <p><u>Rhode Island Avenue NE Westbound</u></p> <ul style="list-style-type: none"> • Maintain two (2) 11-ft travel lanes open at all times <p>Modify signal timings at the intersections of Rhode Island Avenue NE and Reed Street NE and Rhode Island Avenue NE and 12th NE to reduce delays</p> <p><i>In order to maintain vehicular travel lanes, sidewalk may need to be encroached upon to accommodate lane widths. Sidewalks are to be maintained at a width of no less than 6ft throughout the duration of the project. When required, sidewalk may be shifted to maintain 6ft width.</i></p> <p><i>Provide signage along Rhode Island Avenue westbound directing traffic to the appropriate lane(s) to access businesses between Washington Place NE and 4th Street NE</i></p>	<p><u>Rhode Island Avenue NE</u></p> <ul style="list-style-type: none"> • Maintain all sidewalks open at all times • Maintain all crosswalks open at all times <p><u>8th Place NE</u></p> <ul style="list-style-type: none"> • Maintain all sidewalks open at all times
	RIA-CSA2 • Phase 4	48	<p><u>Rhode Island Avenue NE</u></p> <ul style="list-style-type: none"> • Maintain two (2) 11-ft all travel lanes open at all times <p><u>8th Place NE</u></p> <ul style="list-style-type: none"> • Restrict traffic from turning left onto 8th Place NE. Detour traffic as outlined in the Conceptual TMP's <p>Provide signage along Rhode Island Avenue westbound directing traffic to the appropriate lane(s) to access businesses between Washington Place NE and 4th Street NE</p>	<p><u>Rhode Island Avenue NE</u></p> <ul style="list-style-type: none"> • Maintain all sidewalks open at all times • Maintain all crosswalks open at all times <p><u>8th Place NE</u></p> <ul style="list-style-type: none"> • Maintain all sidewalks open at all times • Maintain all crosswalks open at all times
	RIA-CSA3 • Phases 5	6	<p><u>Rhode Island Avenue NE Eastbound</u></p> <ul style="list-style-type: none"> • Maintain two (2) 11-ft travel lanes open at all times <p><u>Rhode Island Avenue NE Westbound</u></p> <ul style="list-style-type: none"> • Maintain two (2) 11-ft travel lanes open at all times <p>Maintain entrance to Forman Mills Ramp B</p> <p>Modify signal timings at the intersection of Rhode Island Avenue NE and Reed Street NE to reduce delays</p> <p>Provide signage along Rhode Island Avenue NE eastbound and westbound directing traffic to the appropriate lane(s) to access businesses between Washington Place NE and 4th Street NE</p>	<p><u>Rhode Island Avenue NE</u></p> <ul style="list-style-type: none"> • Maintain westbound sidewalk open at all times • Maintain all crosswalks open at all times • Detour pedestrians as outlined in the Conceptual TMP's
	RIA-CSA4 Phase 6	3	<p><u>Rhode Island Avenue NE Eastbound</u></p> <ul style="list-style-type: none"> • Maintain two (2) 11-ft travel lanes open at all times <p><u>Rhode Island Avenue NE Westbound</u></p> <ul style="list-style-type: none"> • Maintain two (2) 11-ft travel lanes open at all times <p>Maintain entrance to Foreman Mills Ramp B</p> <p>Modify signal timings at the intersection of Rhode Island Avenue NE and Reed Street NE to reduce delays</p>	<p><u>Rhode Island Avenue NE</u></p> <ul style="list-style-type: none"> • Maintain westbound sidewalk open at all times • Maintain all crosswalks open at all times • Detour pedestrians as outlined in the Conceptual TMP's
Rhode Island Avenue	RIA-CSA5 Phase 7	3	<p><u>Rhode Island Avenue NE Eastbound</u></p> <ul style="list-style-type: none"> • Maintain two (2) 11-ft travel lanes open at all times <p><u>Rhode Island Avenue NE Westbound</u></p> <ul style="list-style-type: none"> • Maintain two (2) 11-ft travel lanes open at all times <p>Maintain entrance to Foreman Mills Ramp B</p> <p>Modify signal timings at the intersection of Rhode Island Avenue NE and Reed Street NE to reduce delays</p>	<p><u>Rhode Island Avenue NE</u></p> <ul style="list-style-type: none"> • Maintain all sidewalk open at all times • Maintain all crosswalks open at all times

LEGEND

-  TRAFFIC DETOUR
-  PEDESTRIAN DETOUR
-  BIKE LANE
-  TRAVEL LANES
-  DASHED LANE MARKING
-  SOLID LANE MARKING
-  CSA
-  PHASE
-  EXISTING BUS STOP
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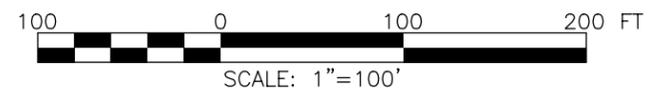
NOTES:

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2. THIS MOT SETUP SHALL BE USED FOR THE FINAL PHASE OF CONSTRUCTION TO RECONSTRUCT THE MEDIANS.

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DC CLEAN RIVERS PROJECT ANACOSTIA RIVER PROJECTS - DIVISION J NORTHEAST BOUNDARY TUNNEL RHODE ISLAND AVE SITE - PHASE 1 CONSTRUCT DIVERSION CHAMBER	
DATE: AUGUST 2017	SHEET 1 OF 11

LEGEND

-  TRAFFIC DETOUR
-  PEDESTRIAN DETOUR
-  BIKE LANE
-  TRAVEL LANES
-  DASHED LANE MARKING
-  SOLID LANE MARKING
-  CSA
-  PHASE

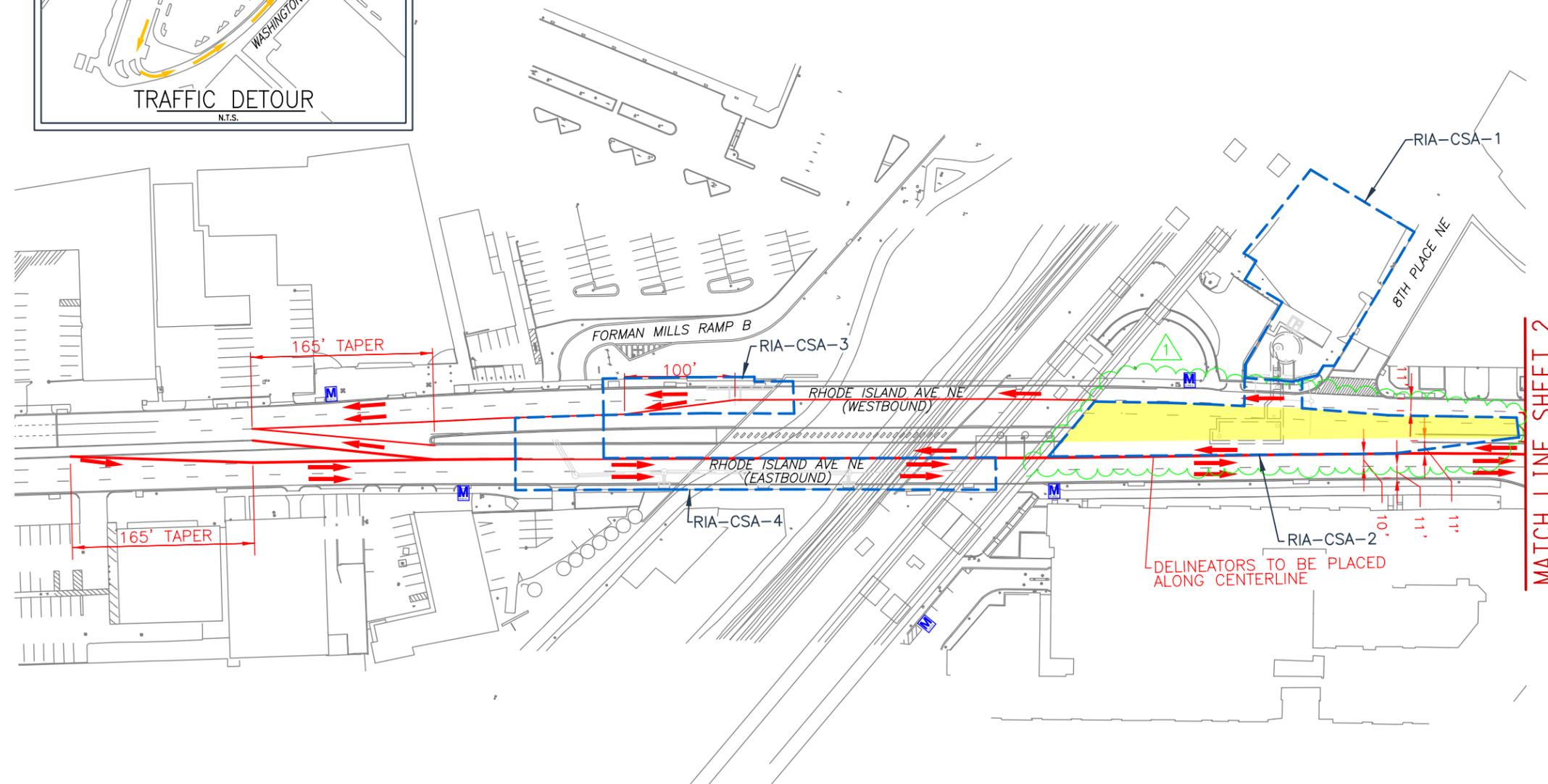
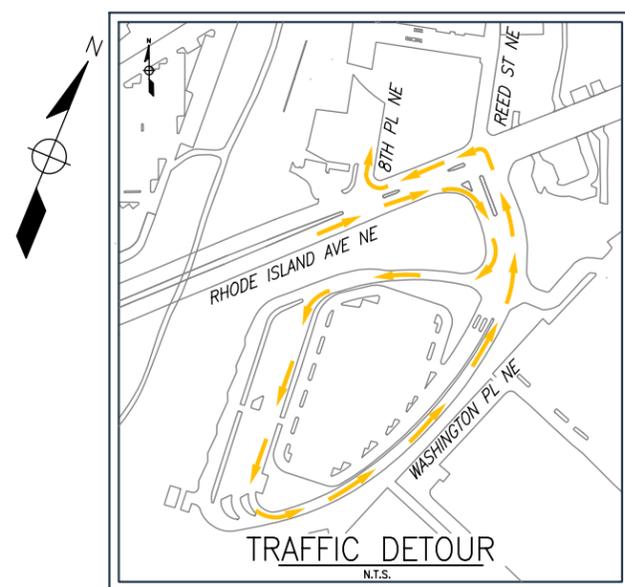


EXISTING BUS STOP

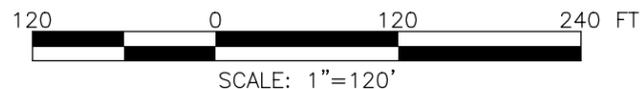


CSA PACKAGE AMENDMENT
AUGUST 2017

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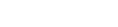
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DC CLEAN RIVERS PROJECT
 ANACOSTIA RIVER PROJECTS - DIVISION J
 NORTHEAST BOUNDARY TUNNEL
 RHODE ISLAND AVE SITE - PHASE 2
 CONSTRUCT DIVERSION CHAMBER

DATE: AUGUST 2017 SHEET 3 OF 11

LEGEND

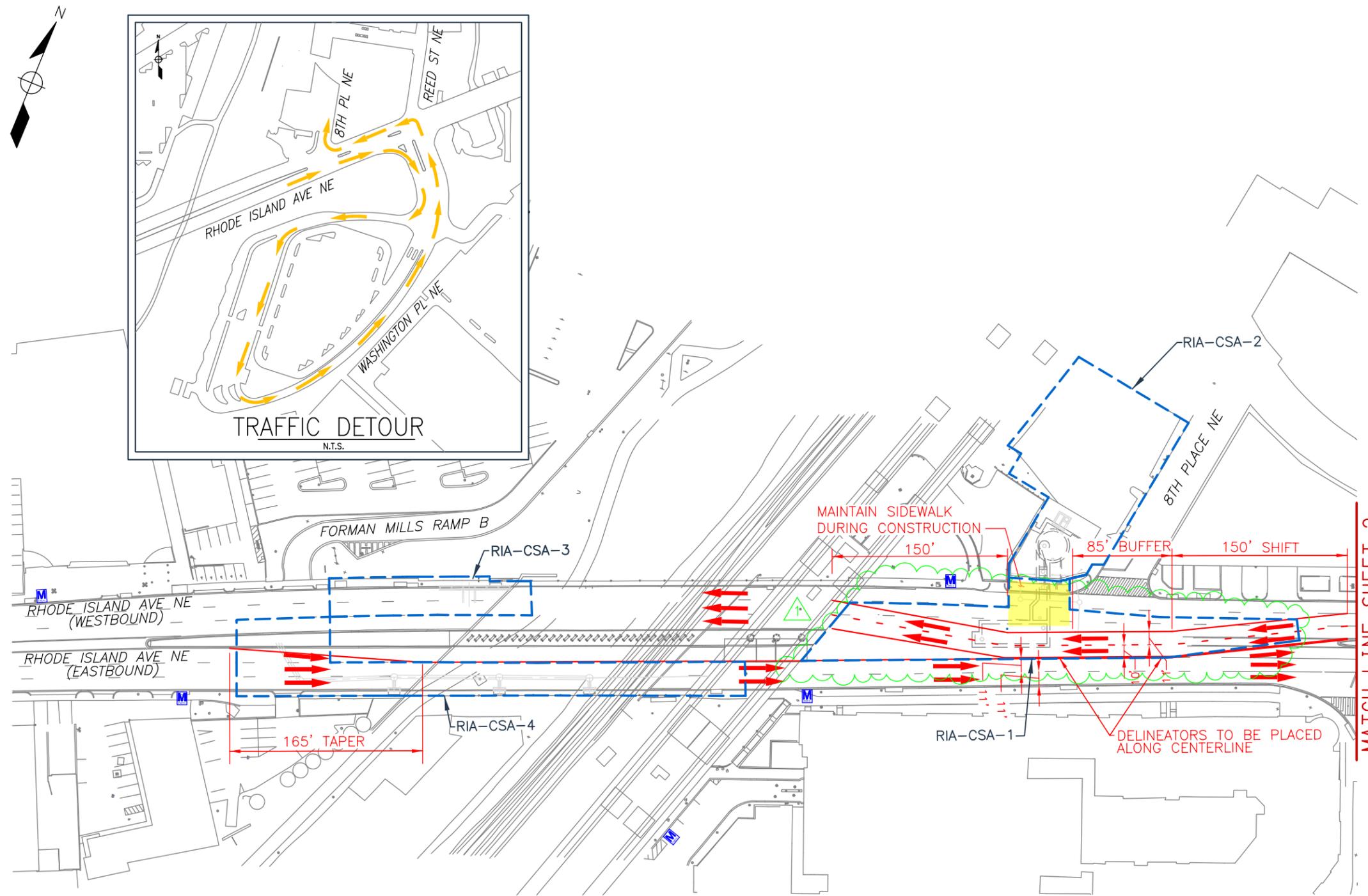
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-  PEDESTRIAN DETOUR
-  BIKE LANE
-  TRAVEL LANES
-  DASHED LANE MARKING
-  SOLID LANE MARKING
-  CSA
-  PHASE



EXISTING BUS STOP



CSA PACKAGE AMENDMENT
AUGUST 2017



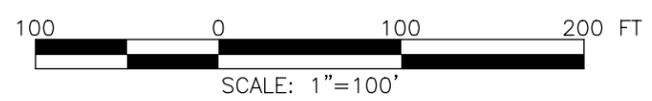
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Wednesday, August 02, 2017 AT 12:58 PM



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RHODE ISLAND AVE SITE - PHASE 3
CONSTRUCT APPROACH CHANNEL

DATE: AUGUST 2017

SHEET 5 OF 11

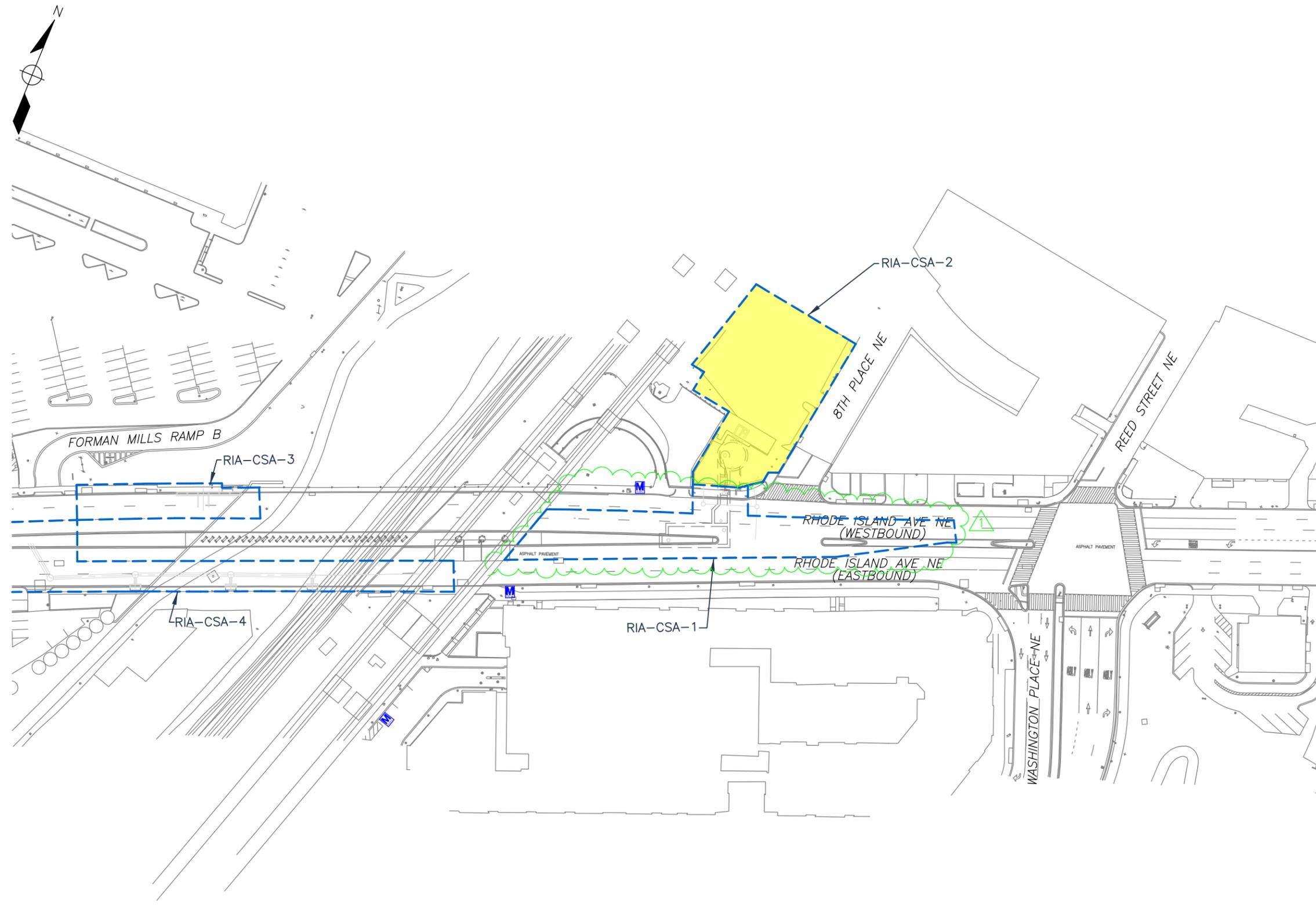
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-  PEDESTRIAN DETOUR
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-  CSA
-  PHASE



EXISTING BUS STOP

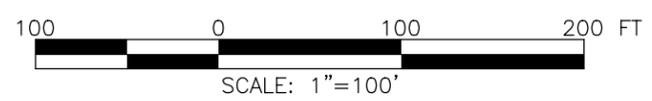
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AUGUST 2017



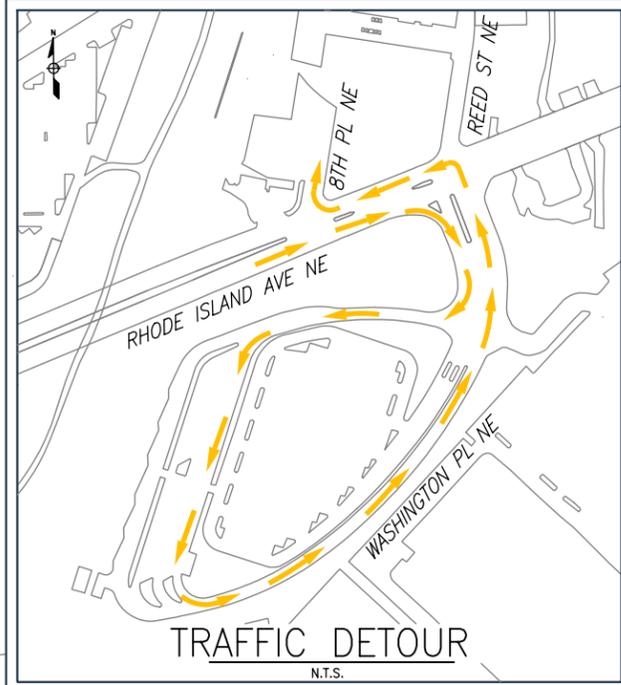
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Monday, August 07, 2017, 11:08:53 AM

dc clean RIVERS PROJECT
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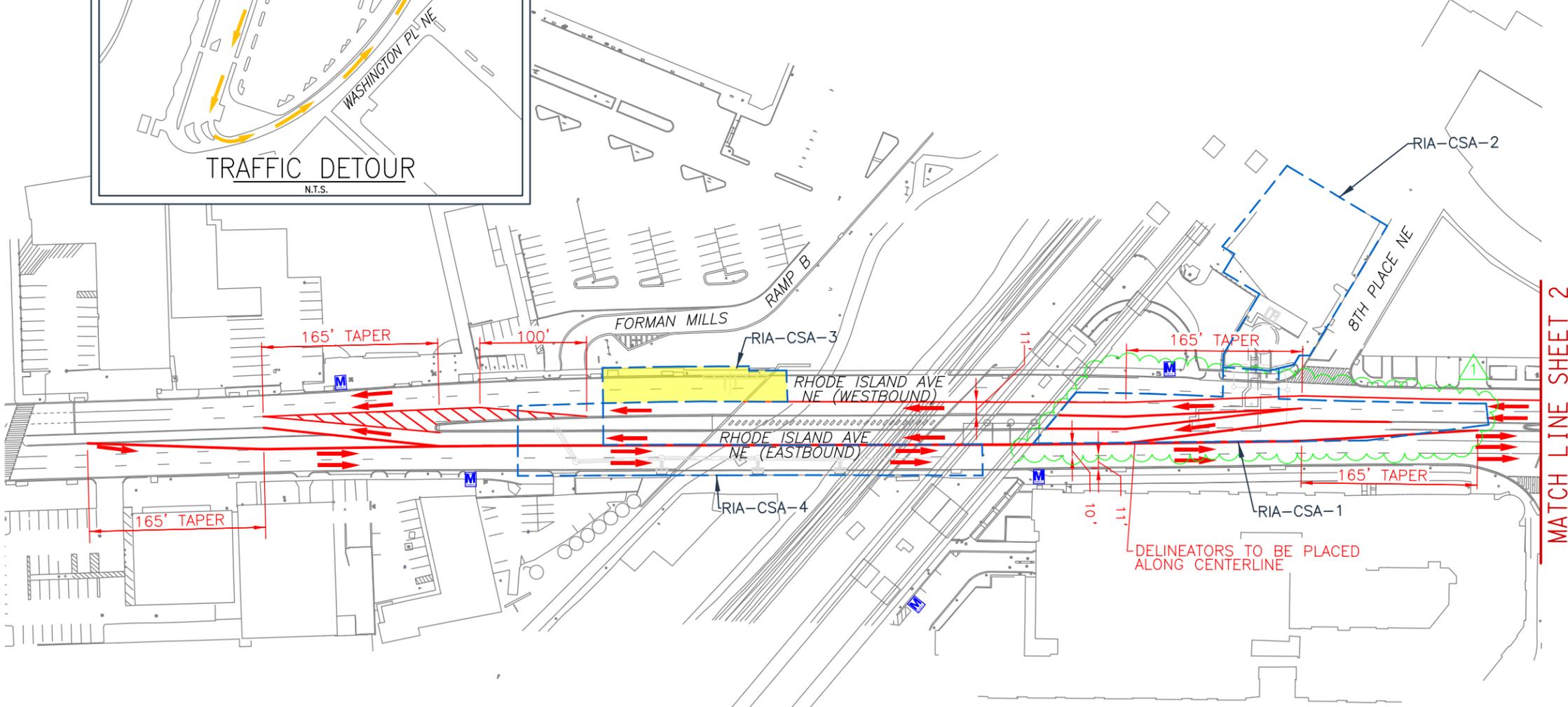


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 CONSTRUCT DROP SHAFT
 DATE: AUGUST 2017
 SHEET 7 OF 11



LEGEND

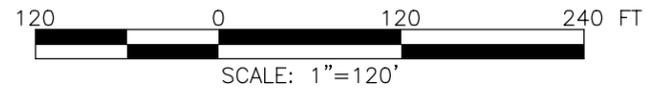
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- BIKE LANE
- TRAVEL LANES
- DASHED LANE MARKING
- SOLID LANE MARKING
- CSA
- PHASE
- EXISTING BUS STOP
- CSA PACKAGE AMENDMENT AUGUST 2017



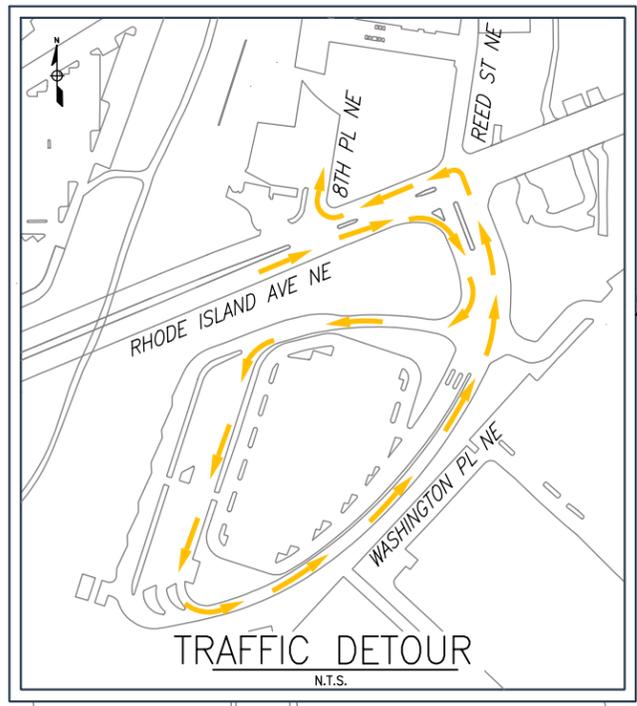
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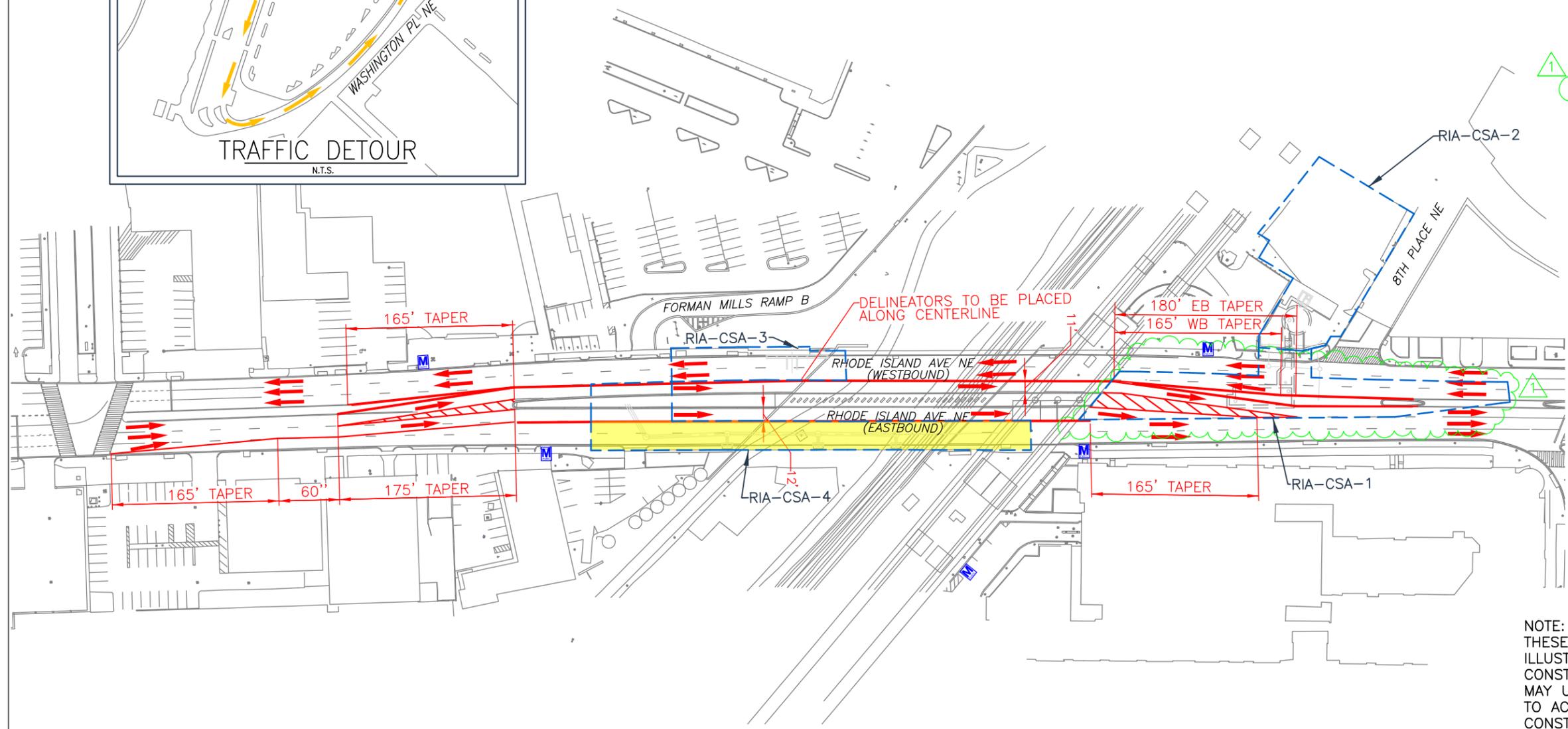


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 ANACOSTIA RIVER PROJECTS - DIVISION J
 NORTHEAST BOUNDARY TUNNEL
 RHODE ISLAND AVE SITE - PHASE 5
 CONSTRUCT INLET
 DATE: AUGUST 2017



LEGEND

-  TRAFFIC DETOUR
-  PEDESTRIAN DETOUR
-  BIKE LANE
-  TRAVEL LANES
-  DASHED LANE MARKING
-  SOLID LANE MARKING
-  CSA
-  PHASE
-  EXISTING BUS STOP
-  CSA PACKAGE AMENDMENT AUGUST 2017

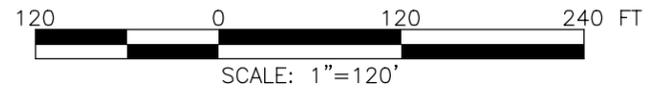


NOTE:
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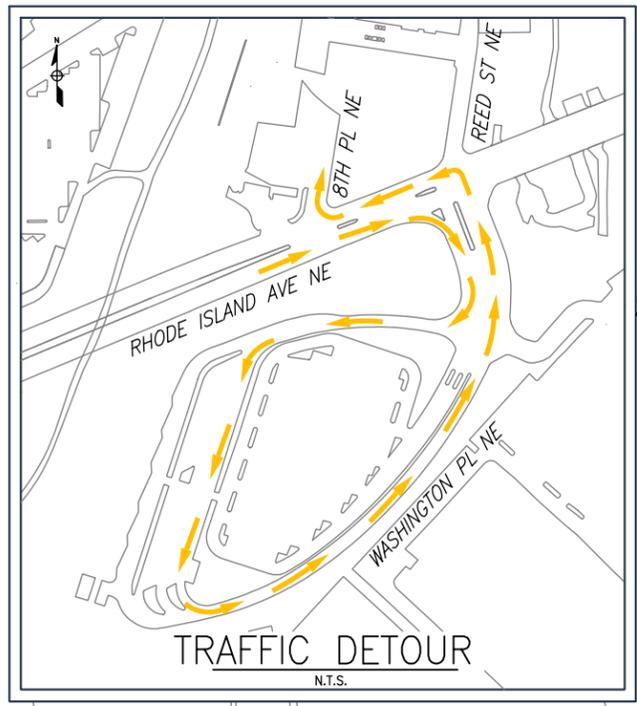
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 CONSTRUCT INLET

DATE: AUGUST 2017

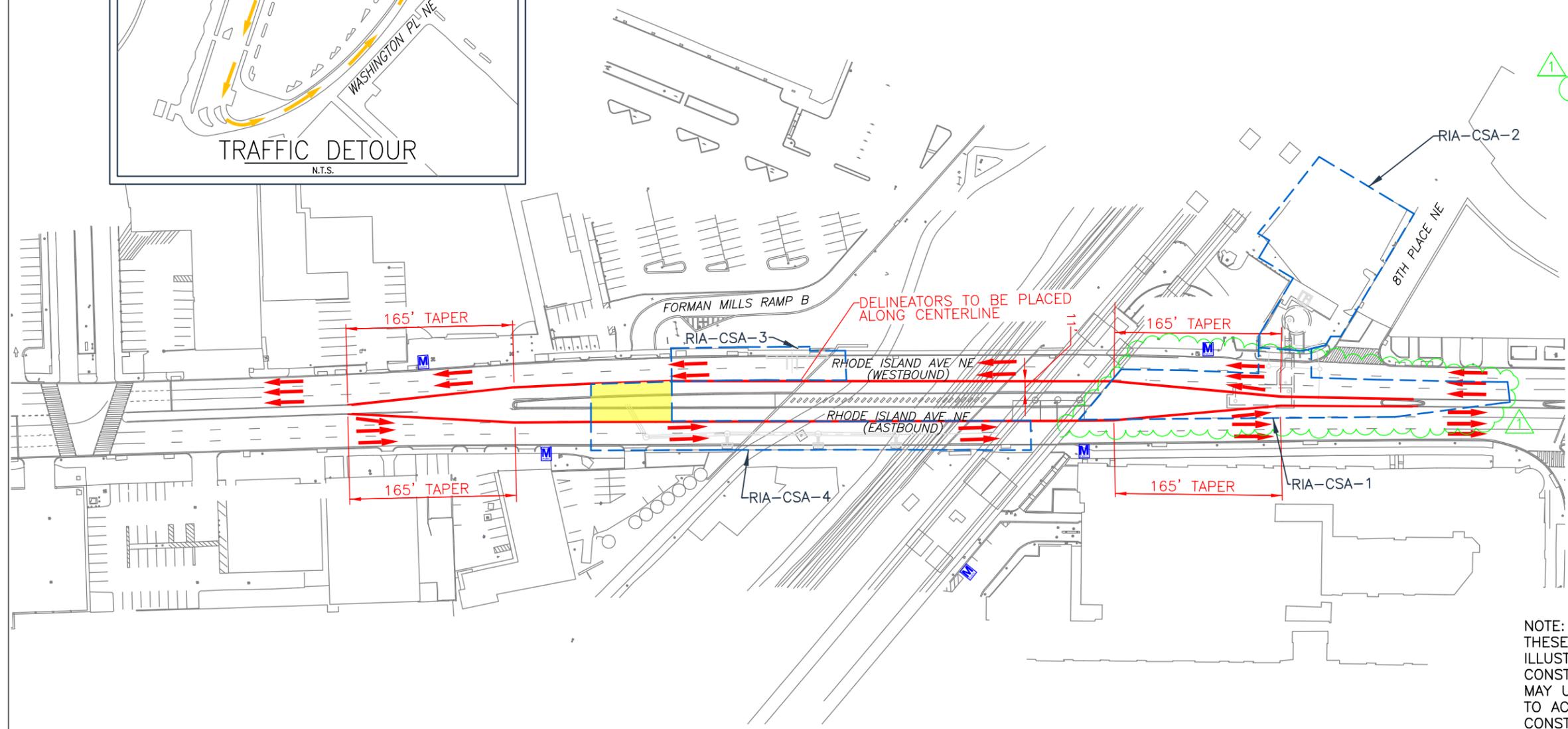
SHEET 10 OF 11



LEGEND

-  TRAFFIC DETOUR
-  PEDESTRIAN DETOUR
-  BIKE LANE
-  TRAVEL LANES
-  DASHED LANE MARKING
-  SOLID LANE MARKING
-  CSA
-  PHASE
-  EXISTING BUS STOP

 CSA PACKAGE AMENDMENT
AUGUST 2017

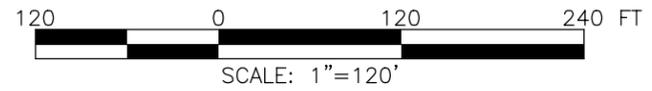


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CONSTRUCT INLET

DATE: AUGUST 2017

SHEET 11 OF 11

Table B-3: 4th Street Site Mandatory Traffic, Pedestrian and Bicycle Requirements

Site	Construction Staging Area • Phase	Est. Duration (months)	Traffic	Pedestrian	Bicycle
4th Street	4S-CSA1 • Phase 3	24	<p><u>Rhode Island Avenue NE Eastbound</u></p> <ul style="list-style-type: none"> • Maintain all lanes open at all times • Restrict left turns onto of 4th Street NE – close left turn lane <p><u>Rhode Island Avenue NE Westbound</u></p> <ul style="list-style-type: none"> • Maintain all lanes open at all times • Restrict right turns onto 4th Street NE <p><u>4th Street NE Northbound</u></p> <ul style="list-style-type: none"> • Detour traffic as outlined in the Conceptual TMP’s • Reconstruct signal at Lincoln Road NE to provide an eastbound left turn permissive/protected phase prior to mobilization in 4S-CSA1 • Remove the median at the intersection of Rhode Island Avenue NE eastbound and Lincoln Road NE to create a left turn bay to accommodate the additional left turns due to the detour – turn bay to be created prior to mobilization in 4S-CSA1 <p><u>4th Street NE Southbound</u></p> <ul style="list-style-type: none"> • Maintain 14-ft shared bicycle/vehicle travel lane open at all times <p><u>3rd Street NE</u></p> <ul style="list-style-type: none"> • Convert 3rd Street NE to a one-way segment from Rhode Island Avenue NE to Bryant Street NE. to maintain DC-FEMS access to points north. This adjustment is required to maintain DC-FEMS access from the 2225 5th Street NE Station to points north. Detour traffic as outlined in the Conceptual TMP’s. <p><u>Adams Street NE</u></p> <ul style="list-style-type: none"> • Maintain all lanes open at all times <p><u>Bryant Street NE</u></p> <ul style="list-style-type: none"> • Remove speed hump between 3rd Street NE and 4th Street NE <p>Modify signal timings at the intersection of Rhode Island Avenue NE and 4th Street NE to reflect closure of northbound 4th Street NE</p> <p>Modify signal timings at the intersection of 4th Street NE and Bryant Street NE to accommodate additional right turns.</p> <p>Maintain entrance and exit egress to BP Gas Station, Garage Ramp A and Garage Ramp B</p> <p><i>In order to maintain vehicular travel lanes, sidewalk may need to be encroached upon to accommodate lane widths. Sidewalks are to be maintained at a width of no less than 6ft throughout the duration of the project.</i></p>	<p><u>Rhode Island Avenue NE</u></p> <ul style="list-style-type: none"> • Maintain all sidewalks open at all times • Maintain all crosswalks open at all times <p><u>4th Street NE</u></p> <ul style="list-style-type: none"> • Maintain crosswalk at intersection of Rhode Island Avenue NE open at all times • Maintain all sidewalks open at all times <p><u>Adams Street NE</u></p> <ul style="list-style-type: none"> • Maintain all sidewalks open at all times • Maintain all crosswalks open at all times 	<p><u>4th Street NE</u></p> <ul style="list-style-type: none"> • Detour 4th Street NE northbound bicycle traffic as outlined in the Conceptual TMP’s • Maintain 14-ft shared bicycle/vehicle southbound travel lane at all times
	4S-CSA2 • Phase 2	3	<p><u>Rhode Island Avenue NE Eastbound</u></p> <ul style="list-style-type: none"> • Maintain two (2) 11-ft travel lanes open at all times • Stripe pavement at the intersection of Foreman Mills Ramp A to create a left turn bay • Restrict left turns onto of 4th Street NE – close left turn lane <p><u>Rhode Island Avenue NE Westbound</u></p> <ul style="list-style-type: none"> • Maintain two (2) 11-ft travel lanes open at all times • Stripe pavement at the intersection of 5th Street NE to create a left turn bay • Restrict right turns onto 4th Street NE • Restrict left turns onto 4th Street NE <p><u>4th Street NE Northbound</u></p> <ul style="list-style-type: none"> • Detour traffic as outlined in the Conceptual TMP’s • Reconstruct signal at Lincoln Road NE to provide an eastbound left turn permissive/protected phase prior to mobilization in 4S-CSA1 • Remove the median at the intersection of Rhode Island Avenue NE eastbound and Lincoln Road NE to create a left turn bay to accommodate the additional left turns due to the detour – turn bay to be created prior to mobilization in 4S-CSA1 <p><u>4th Street NE Southbound</u></p> <ul style="list-style-type: none"> • Maintain 14-ft shared bicycle/vehicle travel lane open at all times 	<p><u>Rhode Island Avenue NE</u></p> <ul style="list-style-type: none"> • Maintain eastbound sidewalk open at all times • Maintain western crosswalk at intersection of 4th Street NE open at all times • Detour pedestrians as outlined in the Conceptual TMP’s <p><u>4th Street NE</u></p> <ul style="list-style-type: none"> • Maintain crosswalk at intersection of Adams Street NE open at all times • Maintain southern crosswalk at the intersection of Rhode Island Avenue NE • Maintain all sidewalks open at all times • Detour pedestrians as outlined in the Conceptual TMP’s 	<p><u>4th Street NE</u></p> <ul style="list-style-type: none"> • Detour 4th Street NE northbound bicycle traffic as outlined in the Conceptual TMP’s • Maintain 14-ft shared bicycle/vehicle southbound travel lane at all times

Site	Construction Staging Area • Phase	Est. Duration (months)	Traffic	Pedestrian	Bicycle
			<ul style="list-style-type: none"> • Detour traffic as outlined in the Conceptual TMP's <u>Adams Street NE</u> <ul style="list-style-type: none"> • Maintain all lanes open at all times <u>3rd Street NE</u> <ul style="list-style-type: none"> • Convert 3rd Street NE to a one-way segment from Rhode Island Avenue NE to Bryant Street NE. to maintain DC-FEMS access to pints north. This adjustment is required to maintain DC-FEMS access from the 2225 5th Street NE Station to pints north. Detour traffic as outlined in the Conceptual TMP's. <u>Bryant Street NE</u> <ul style="list-style-type: none"> • Remove speed hump between 3rd Street NE and 4th Street NE Modify signal timings at the intersection of Rhode Island Avenue NE and 4th Street NE to reduce delays Modify signal timings at the intersection of 4th Street NE and Bryant Street NE to accommodate additional right turns. Maintain entrance and exit egress to BP Gas Station Phase mobilization in 4S-CSA2 concurrently with RIA-CSA1		
	4S-CSA3 • Phase 1	3	<u>Rhode Island Avenue NE Eastbound</u> <ul style="list-style-type: none"> • Maintain two (2) 11-ft travel lanes open at all times • Restrict left turns onto 4th Street <u>Rhode Island Avenue NE Westbound</u> <ul style="list-style-type: none"> • Maintain two (2) 11-ft travel lanes open at all times • Stripe pavement at the intersection of 5th Street NE to create a left turn bay • Restrict left turns onto 4th Street NE <u>4th Street NE</u> <ul style="list-style-type: none"> • Maintain all lanes open at all times • Detour traffic as outlined in the Conceptual TMP's <u>Adams Street NE</u> <ul style="list-style-type: none"> • Maintain all lanes open at all times <u>3rd Street NE</u> <ul style="list-style-type: none"> • Convert 3rd Street NE to a one-way segment from Rhode Island Avenue NE to Bryant Street NE to maintain DC-FEMS access to pints north. Detour traffic as outlined in the Conceptual TMP's. Modify signal timings at the intersection of Rhode Island Avenue NE and 4th Street NE to reduce delays Maintain entrance and exit egress to BP Gas Station at all times Phase mobilization in 4S-CSA3 concurrently with RIA-CSA1	<u>Rhode Island Avenue NE</u> <ul style="list-style-type: none"> • Maintain all sidewalks open at all times • Maintain a minimum of one (1) crosswalk open at all times at the intersection of 4th Street NE • Detour pedestrians as outlined in the Conceptual TMP's • Maintain all sidewalks open at all times • Maintain all crosswalks open at all times <u>Adams Street NE</u> <ul style="list-style-type: none"> • Maintain all sidewalks open at all times • Maintain all crosswalks open at all times 	<u>4th Street NE</u> <ul style="list-style-type: none"> • Maintain all bicycle lanes open at all times
	4S-CSA4 • Phase 4	3	<u>Rhode Island Avenue NE Eastbound</u> <ul style="list-style-type: none"> • Maintain all lanes open at all times • Restrict left turns onto of 4th Street NE – close left turn lane. Detour traffic as outlined in the Conceptual TMP's <u>Rhode Island Avenue NE Westbound</u> <ul style="list-style-type: none"> • Maintain all lanes open at all times • Restrict right turns onto 4th Street NE <u>4th Street NE Southbound</u> <ul style="list-style-type: none"> • Maintain 14-ft shared bicycle/vehicle travel lane open at all times <u>3rd Street NE</u> <ul style="list-style-type: none"> • Convert 3rd Street NE to a one-way segment from Rhode Island Avenue NE to Bryant Street NE. to maintain DC-FEMS access to pints north. This adjustment is required to 	<u>Rhode Island Avenue NE</u> <ul style="list-style-type: none"> • Maintain all sidewalks open at all times • Maintain a minimum of one (1) crosswalk open at all times at the intersection of 4th Street NE • Detour pedestrians as outlined in the Conceptual TMP's <u>4th Street NE</u> <ul style="list-style-type: none"> • Maintain all sidewalks open at all times • Maintain all crosswalks open at all times <u>Adams Street NE</u> <ul style="list-style-type: none"> • Maintain all sidewalks open at all times • Maintain all crosswalks open at all times 	<u>4th Street NE</u> <ul style="list-style-type: none"> • Detour 4th Street NE northbound bicycle traffic as outlined in the Conceptual TMP's • Maintain 14-ft shared bicycle/vehicle southbound travel lane at all times

Site	Construction Staging Area • Phase	Est. Duration (months)	Traffic	Pedestrian	Bicycle
			<p><i>maintain DC-FEMS access from the 2225 5th Street NE Station to points north.</i> Detour traffic as outlined in the Conceptual TMP's.</p> <p><u>Adams Street NE</u></p> <ul style="list-style-type: none"> • Maintain all lanes open at all times <p><u>Bryant Street NE</u></p> <ul style="list-style-type: none"> • Remove speed hump between 3rd Street NE and 4th Street NE <p>Modify signal timings at the intersection of Rhode Island Avenue NE and 4th Street NE to reduce delays</p> <p>Modify signal timings at the intersection of 4th Street NE and Bryant Street NE to accommodate additional right turns.</p> <p>Maintain entrance and exit egress to BP Gas Station</p>		

Table B-4: Pumping Station Site Mandatory Traffic and Pedestrian Requirements

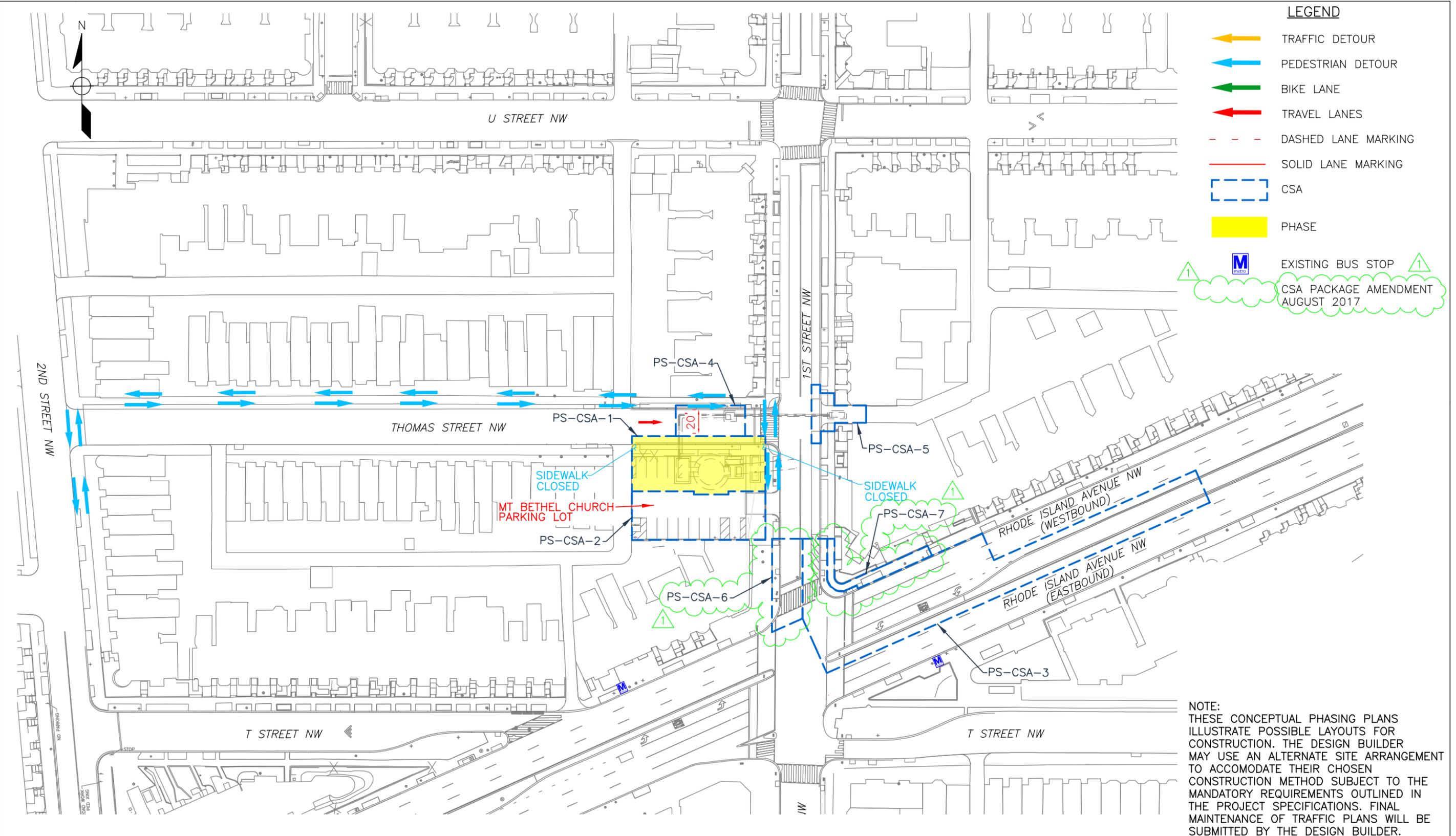
Site	Construction Staging Area • Phase	Est. Duration (months)	Traffic	Pedestrian
Pumping Station	PS-CSA1 • Phase 1 • Phase 6	36	<u>Rhode Island Avenue NW</u> <ul style="list-style-type: none"> Maintain all lanes open at all times <u>First Street NW</u> <ul style="list-style-type: none"> Maintain all lanes open at all times <u>Thomas Street NW</u> <ul style="list-style-type: none"> Maintain all lanes open at all times <u>Mt Bethel Church Parking Lot</u> <ul style="list-style-type: none"> Maintain open at all times 	<u>Rhode Island Avenue NW</u> <ul style="list-style-type: none"> Maintain all sidewalks open at all times Maintain all crosswalks open at all times <u>1st Street NW</u> <ul style="list-style-type: none"> Maintain all sidewalks open at all times <u>Thomas Street NW</u> <ul style="list-style-type: none"> Maintain northern sidewalk open at all times Maintain crosswalk at intersection of First Street NW open at all times Detour pedestrians as outlined in the Conceptual TMP's
	PS-CSA2 • Phase 6 & 8	3	<u>Rhode Island Avenue NW</u> <ul style="list-style-type: none"> Maintain all lanes open at all times <u>First Street NW</u> <ul style="list-style-type: none"> Maintain all lanes open at all times <u>Thomas Street NW</u> <ul style="list-style-type: none"> Maintain all lanes open at all times 	<u>Rhode Island Avenue NW</u> <ul style="list-style-type: none"> Maintain all sidewalks open at all times Maintain all crosswalks open at all times <u>First Street NW</u> <ul style="list-style-type: none"> Maintain all sidewalks open at all times <u>Thomas Street NW</u> <ul style="list-style-type: none"> Maintain northern sidewalk open at all times Maintain crosswalk at intersection of First Street NW open at all times Detour pedestrians as outlined in the Conceptual TMP's
	PS-CSA3 • Phase 2-3	6	<u>Rhode Island Avenue NW Eastbound</u> <ul style="list-style-type: none"> Maintain two (2) 11-ft travel lanes open at all times Restrict left turns onto First Street NW Detour traffic as outlined in the Conceptual TMP's <u>Rhode Island Avenue NW Westbound</u> <ul style="list-style-type: none"> Maintain two (2) 11-ft travel lanes open at all times Restrict left turns onto First Street NE NW Detour traffic as outlined in the Conceptual TMP's <u>First Street NW Northbound</u> <ul style="list-style-type: none"> Detour traffic as outlined in the Conceptual TMP's <u>First Street NW Southbound</u> <ul style="list-style-type: none"> Maintain 11-ft travel lane open at all times Install temporary stop sign at intersection of Thomas Street NW <u>2nd Street NW Eastbound</u> <ul style="list-style-type: none"> Reconstruct signal to add left turn permissive/protected phase. <u>Thomas Street NW</u> <ul style="list-style-type: none"> Maintain all lanes open at all times <u>Mt Bethel Church Parking Lot</u> <ul style="list-style-type: none"> Maintain open at all times <p>Cannot occur concurrently with TS-CSA1, TS-CSA2, TS-CSA3 or FLA-CSA3</p>	<u>Rhode Island Avenue NW</u> <ul style="list-style-type: none"> Maintain all sidewalks open at all times Maintain western crosswalk open at all times Detour pedestrians as outlined in the Conceptual TMP's <u>First Street NW</u> <ul style="list-style-type: none"> Maintain all sidewalks open at all times Stripe southern crosswalk at intersection of Thomas Street NW with high visibility zebra striping and install temporary pedestrian ramp on east side of 1st Street NW – maintain open at all times Detour pedestrians as outlines in the Conceptual TMP's <u>Thomas Street NW</u> <ul style="list-style-type: none"> Maintain all sidewalks open at all times Maintain all crosswalks open at all times
	PS-CSA4 • Phase 4-6	3	<u>Rhode Island Avenue NW</u> <ul style="list-style-type: none"> Maintain all lanes open at all times <u>First Street NW</u> <ul style="list-style-type: none"> Maintain all lanes open at all times <u>Thomas Street NW</u> <ul style="list-style-type: none"> Detour traffic as outlined in the Conceptual TMP's <u>Mt Bethel Church Parking Lot</u> <ul style="list-style-type: none"> Maintain open at all times 	<u>Rhode Island Avenue NW</u> <ul style="list-style-type: none"> Maintain all sidewalks open at all times Maintain all crosswalks open at all times <u>First Street NW</u> <ul style="list-style-type: none"> Maintain all sidewalks open at all times <u>Thomas Street NW</u> <ul style="list-style-type: none"> Maintain northern sidewalk open at all times Maintain crosswalk at intersection of First Street NW open at all times Detour pedestrians as outlined in the Conceptual TMP's

Site	Construction Staging Area Phase	Est. Duration (months)	Traffic	Pedestrian
Pumping Station	PS-CSA5 • Phase→ 7	3	<u>Rhode Island Avenue NW</u> <ul style="list-style-type: none"> • Maintain all lanes open at all times <u>First Street NW</u> <ul style="list-style-type: none"> • Maintain all lanes open at all times <u>Thomas Street NW</u> <ul style="list-style-type: none"> • Maintain all lanes open at all times <u>Mt Bethel Church Parking Lot</u> <ul style="list-style-type: none"> • Maintain open at all times 	<u>Rhode Island Avenue NW</u> <ul style="list-style-type: none"> • Maintain all sidewalks open at all times • Maintain all crosswalks open at all times <u>First Street NW</u> <ul style="list-style-type: none"> • Maintain western sidewalk open at all times • Stripe southern crosswalk at intersection of Thomas Street NW – maintain open at all times • Detour pedestrians as outlined in the Conceptual TMP's <u>Thomas Street NW</u> <ul style="list-style-type: none"> • Maintain all sidewalks open at all times • Maintain all crosswalks open at all times
	PS-CSA6 Phase 4	2	<u>Rhode Island Avenue NW Eastbound</u> <ul style="list-style-type: none"> • Maintain all travel lanes open at all times • Restrict left turns onto First Street NW Detour traffic as outlined in the Conceptual TMP's <u>Rhode Island Avenue NW Westbound</u> <ul style="list-style-type: none"> • Maintain all travel lanes open at all times <u>First Street NW Northbound</u> <ul style="list-style-type: none"> • Detour traffic as outlined in the Conceptual TMP's <u>First Street NW Southbound</u> <ul style="list-style-type: none"> • Maintain 11-ft travel lane open at all times • Install temporary stop sign intersection of Thomas Street NW <u>2nd Street NW Eastbound</u> <ul style="list-style-type: none"> • Reconstruct signal to add left turn permissive/protected phase. <u>Thomas Street NW</u> <ul style="list-style-type: none"> • Maintain all lanes open at all times <u>Mt Bethel Church Parking Lot</u> <ul style="list-style-type: none"> • Maintain open at all times 	<u>Rhode Island Avenue NW</u> <ul style="list-style-type: none"> • Maintain all sidewalks open at all times • Maintain all crosswalks open at all times • Detour pedestrians as outlined in the Conceptual TMP's <u>First Street NW</u> <ul style="list-style-type: none"> • Maintain all sidewalks open at all times • Stripe southern crosswalk at intersection of Thomas Street NW with high visibility zebra striping and install temporary pedestrian ramp on east side of 1st Street NW –maintain open at all times • Detour pedestrians as outlined in the Conceptual TMP's <u>Thomas Street NW</u> <ul style="list-style-type: none"> • Maintain all sidewalks open at all times • Maintain all crosswalks open at all times
	PS-CSA7 Phase 5	1		<u>Rhode Island Avenue NW</u> <ul style="list-style-type: none"> • Maintain western crosswalk open at all times • Detour pedestrians as outlined in the Conceptual TMP's <u>First Street NW</u> <ul style="list-style-type: none"> • Maintain southern crosswalk open at all times • Stripe southern crosswalk at intersection of Thomas Street NW with high visibility zebra striping and install temporary pedestrian ramp on east side of 1st Street NW –maintain open at all times • Detour pedestrians as outlined in the Conceptual TMP's <u>Thomas Street NW</u> <ul style="list-style-type: none"> • Maintain all sidewalks open at all times • Maintain all crosswalks open at all times

LEGEND

-  TRAFFIC DETOUR
-  PEDESTRIAN DETOUR
-  BIKE LANE
-  TRAVEL LANES
-  DASHED LANE MARKING
-  SOLID LANE MARKING
-  CSA
-  PHASE
-  EXISTING BUS STOP

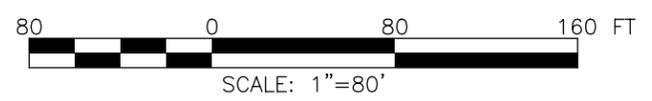
 CSA PACKAGE AMENDMENT AUGUST 2017



NOTE:
 THESE CONCEPTUAL PHASING PLANS ILLUSTRATE POSSIBLE LAYOUTS FOR CONSTRUCTION. THE DESIGN BUILDER MAY USE AN ALTERNATE SITE ARRANGEMENT TO ACCOMMODATE THEIR CHOSEN CONSTRUCTION METHOD SUBJECT TO THE MANDATORY REQUIREMENTS OUTLINED IN THE PROJECT SPECIFICATIONS. FINAL MAINTENANCE OF TRAFFIC PLANS WILL BE SUBMITTED BY THE DESIGN BUILDER.

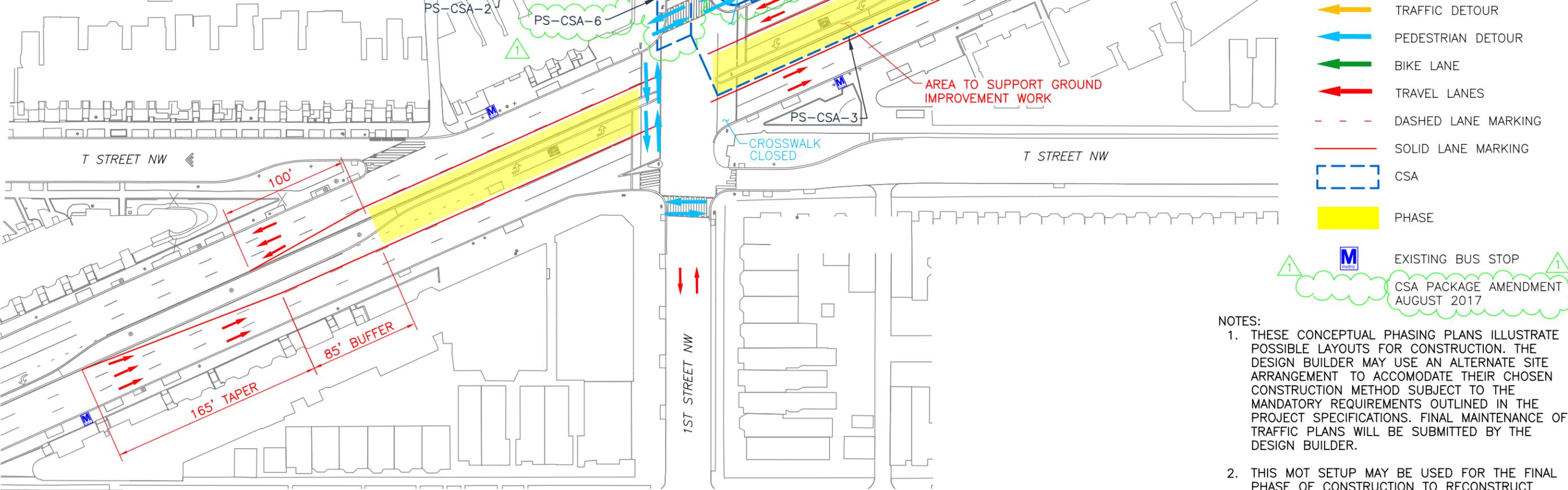
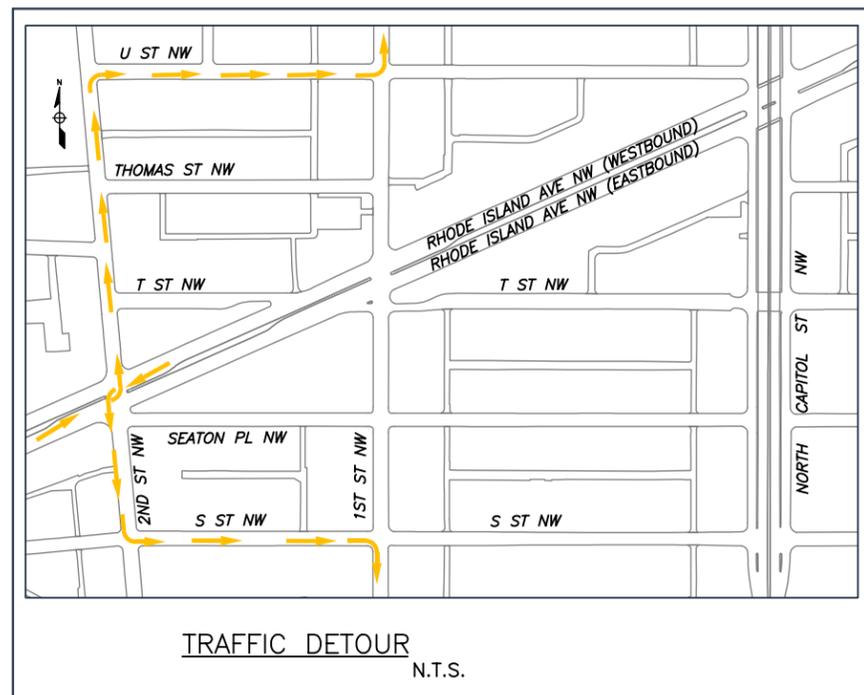
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DC CLEAN RIVERS PROJECT
 ANACOSTIA RIVER PROJECTS – DIVISION J
 NORTHEAST BOUNDARY TUNNEL
FIRST STREET SITE – PHASE 1
PUMPING STATION DEMOLITION

DATE:  AUGUST 2017 SHEET 1 OF  8



LEGEND

- TRAFFIC DETOUR
- PEDESTRIAN DETOUR
- BIKE LANE
- TRAVEL LANES
- DASHED LANE MARKING
- SOLID LANE MARKING
- CSA
- PHASE



EXISTING BUS STOP

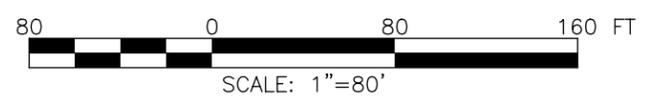
CSA PACKAGE AMENDMENT
AUGUST 2017

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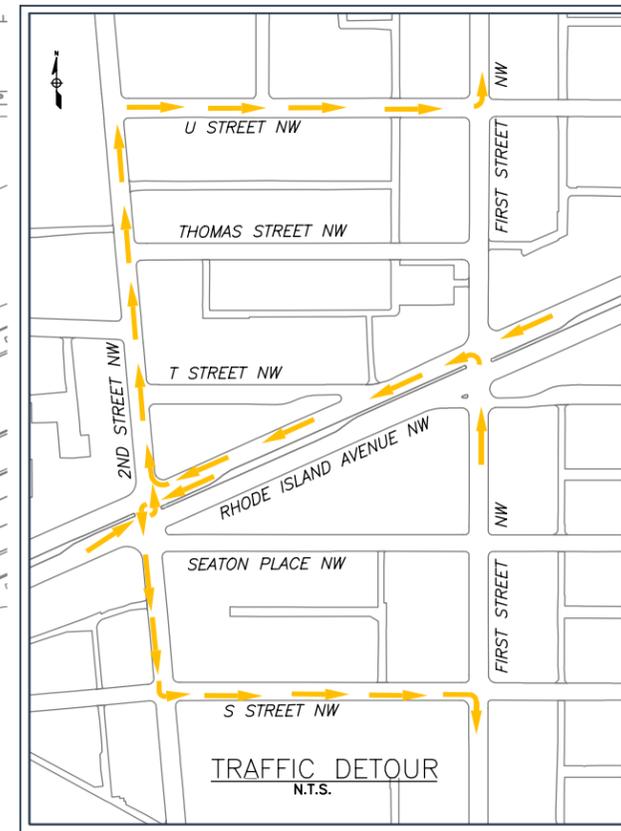
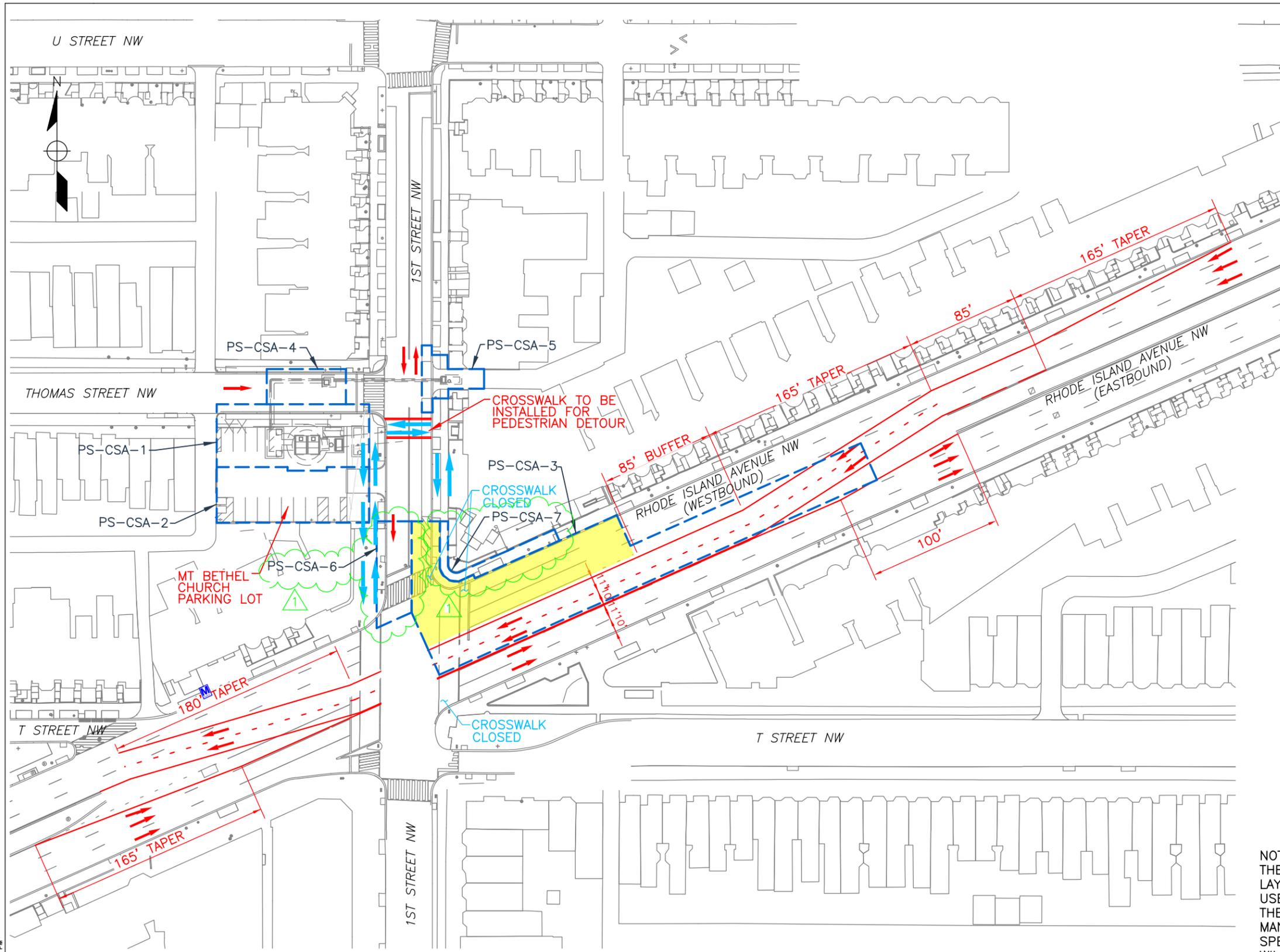
1. THESE CONCEPTUAL PHASING PLANS ILLUSTRATE POSSIBLE LAYOUTS FOR CONSTRUCTION. THE DESIGN BUILDER MAY USE AN ALTERNATE SITE ARRANGEMENT TO ACCOMODATE THEIR CHOSEN CONSTRUCTION METHOD SUBJECT TO THE MANDATORY REQUIREMENTS OUTLINED IN THE PROJECT SPECIFICATIONS. FINAL MAINTENANCE OF TRAFFIC PLANS WILL BE SUBMITTED BY THE DESIGN BUILDER.
2. THIS MOT SETUP MAY BE USED FOR THE FINAL PHASE OF CONSTRUCTION TO RECONSTRUCT THE MEDIANS.

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 ANACOSTIA RIVER PROJECTS – DIVISION J
 NORTHEAST BOUNDARY TUNNEL
 FIRST STREET SITE – PHASE 2
 GROUND IMPROVEMENT AND TRAFFIC MANAGEMENT WORK
 DATE: AUGUST 2017 SHEET 2 OF 8



LEGEND

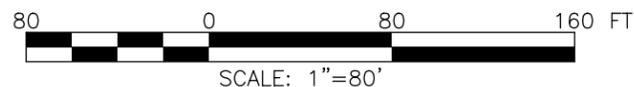
- TRAFFIC DETOUR
- PEDESTRIAN DETOUR
- BIKE LANE
- TRAVEL LANES
- DASHED LANE MARKING
- SOLID LANE MARKING
- CSA
- PHASE
- EXISTING BUS STOP
- CSA PACKAGE AMENDMENT AUGUST 2017

NOTE:
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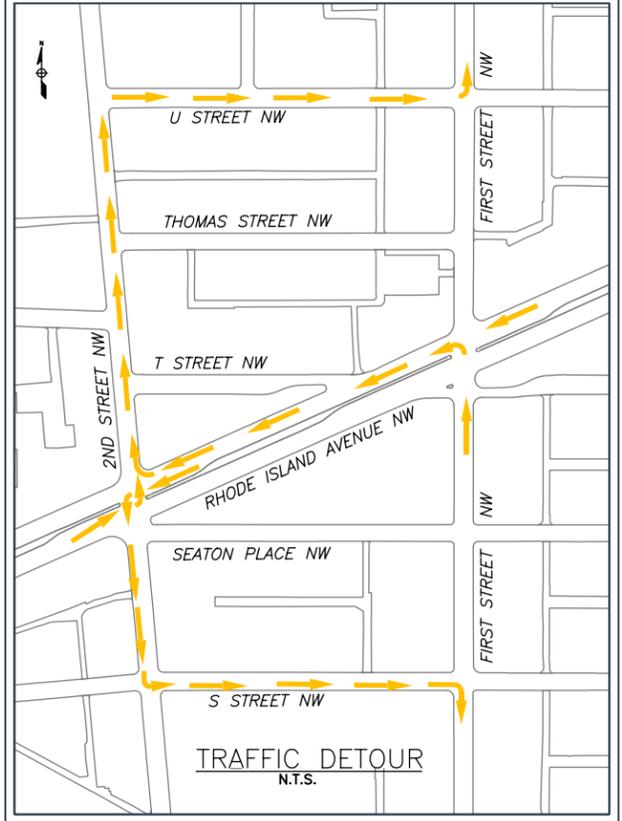
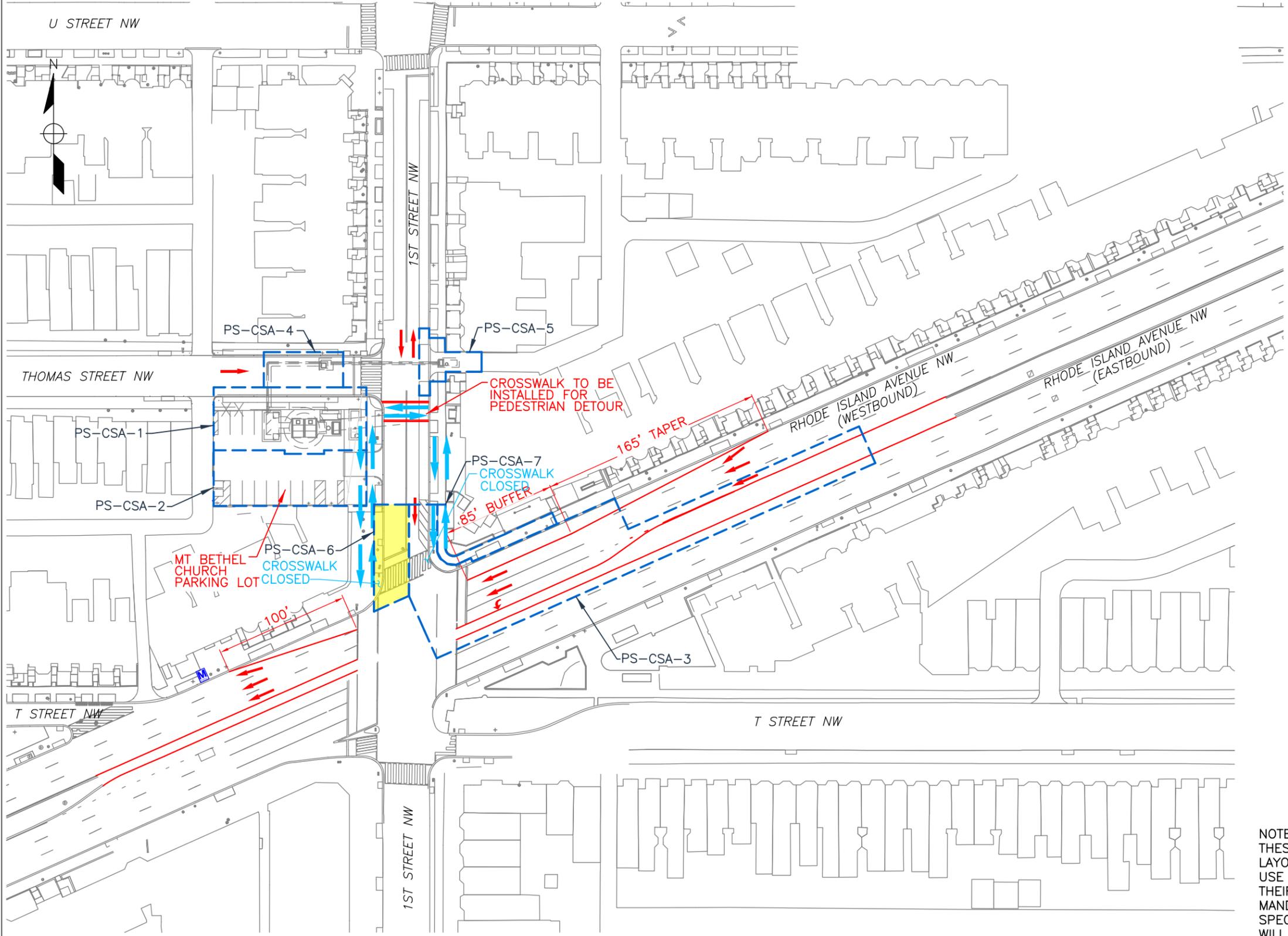


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 NORTHEAST BOUNDARY TUNNEL
 FIRST STREET SITE - PHASE 3
 GROUND IMPROVEMENT

DATE: AUGUST 2017 SHEET 3 OF 8

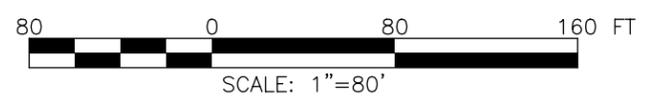


LEGEND

- TRAFFIC DETOUR
- PEDESTRIAN DETOUR
- BIKE LANE
- TRAVEL LANES
- DASHED LANE MARKING
- SOLID LANE MARKING
- CSA
- PHASE
- EXISTING BUS STOP
- CSA PACKAGE AMENDMENT AUGUST 2017

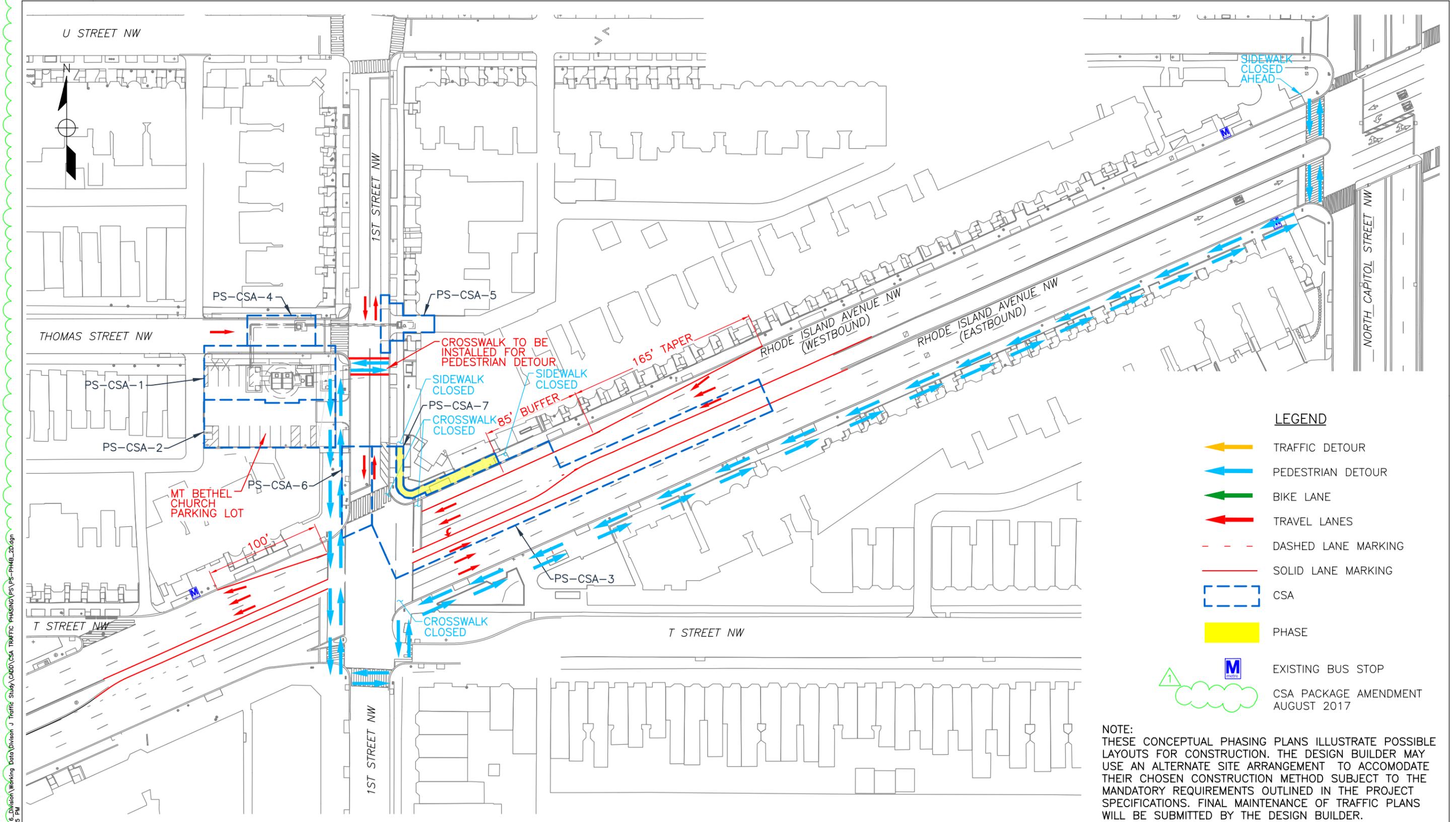
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 NORTHEAST BOUNDARY TUNNEL
 FIRST STREET SITE – PHASE 4
 GROUND IMPROVEMENT
 DATE: AUGUST 2017 | SHEET 4 OF 8

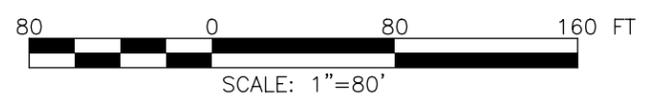
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NOTE:
 THESE CONCEPTUAL PHASING PLANS ILLUSTRATE POSSIBLE LAYOUTS FOR CONSTRUCTION. THE DESIGN BUILDER MAY USE AN ALTERNATE SITE ARRANGEMENT TO ACCOMMODATE THEIR CHOSEN CONSTRUCTION METHOD SUBJECT TO THE MANDATORY REQUIREMENTS OUTLINED IN THE PROJECT SPECIFICATIONS. FINAL MAINTENANCE OF TRAFFIC PLANS WILL BE SUBMITTED BY THE DESIGN BUILDER.

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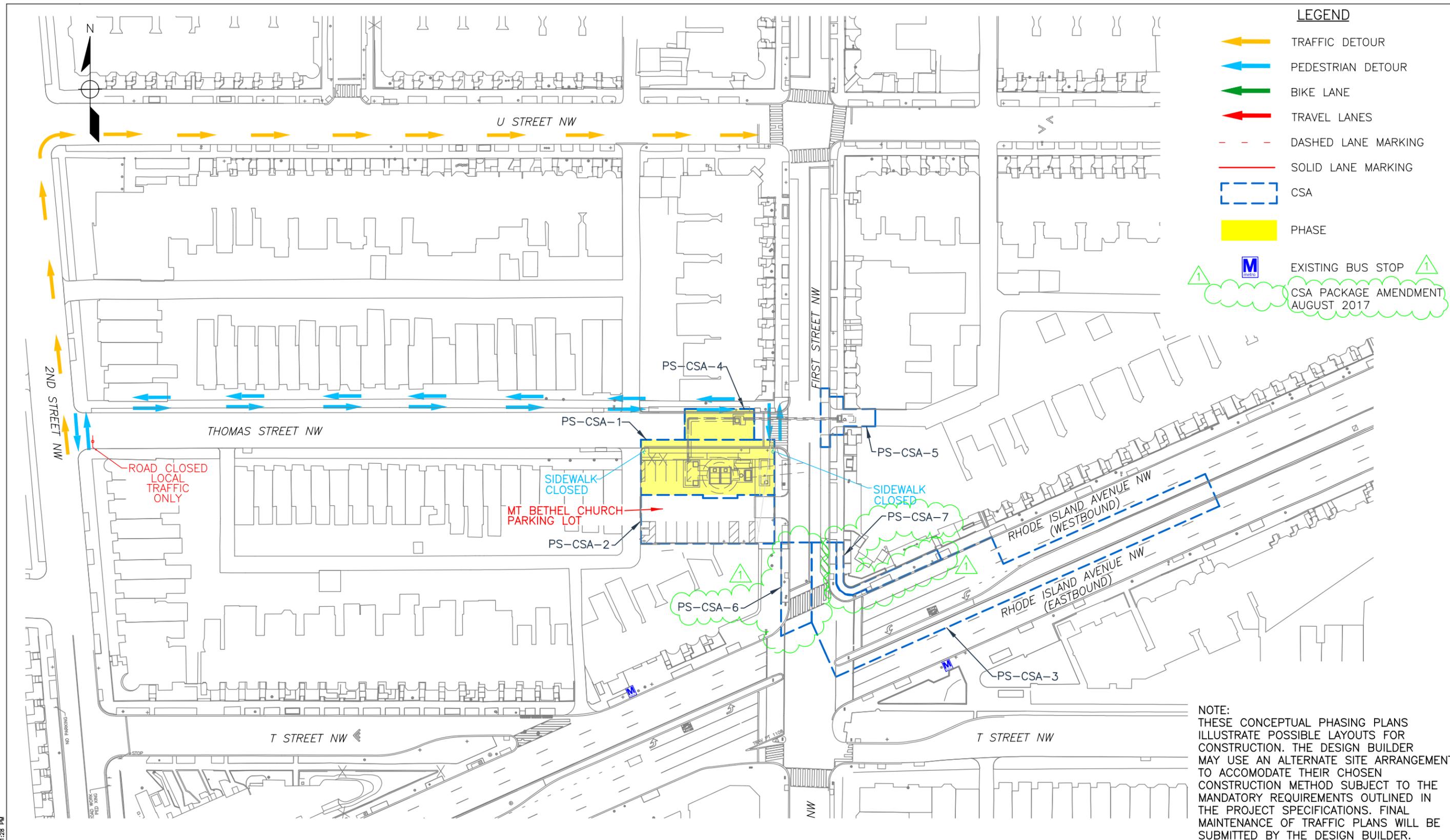

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 NORTHEAST BOUNDARY TUNNEL
 FIRST STREET SITE – PHASE 5
 GROUND IMPROVEMENT
 DATE: AUGUST 2017 SHEET 5 OF 8

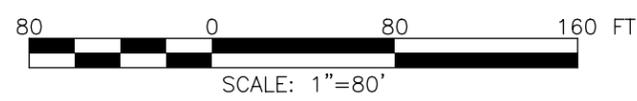
LEGEND

-  TRAFFIC DETOUR
-  PEDESTRIAN DETOUR
-  BIKE LANE
-  TRAVEL LANES
-  DASHED LANE MARKING
-  SOLID LANE MARKING
-  CSA
-  PHASE
-  EXISTING BUS STOP
-  CSA PACKAGE AMENDMENT AUGUST 2017



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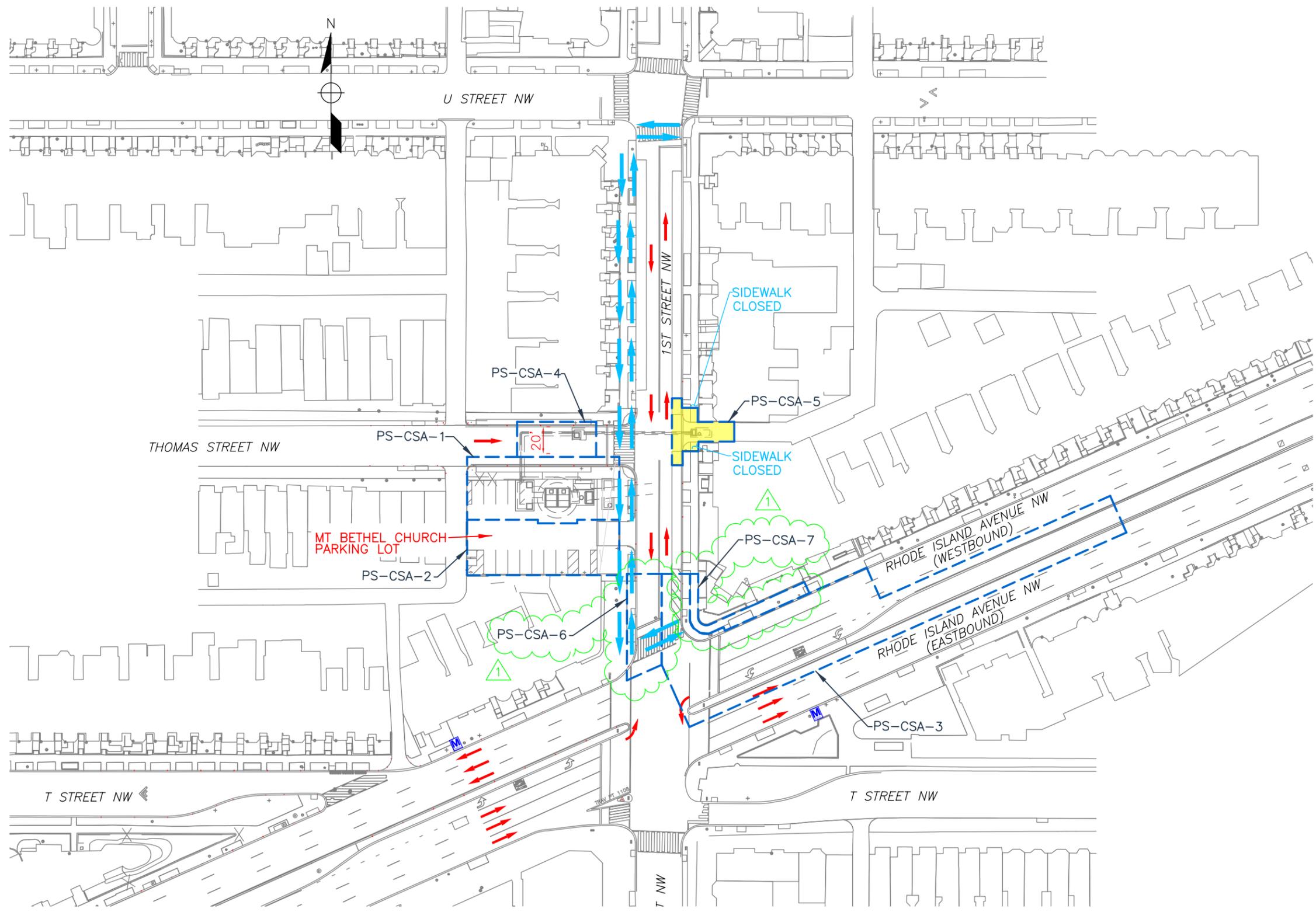
DC CLEAN RIVERS PROJECT
 ANACOSTIA RIVER PROJECTS - DIVISION J
 NORTHEAST BOUNDARY TUNNEL
 FIRST STREET SITE - PHASE 6
 METER VAULT DEMOLITION
 DATE: AUGUST 2017

NOTE:
 THESE CONCEPTUAL PHASING PLANS
 ILLUSTRATE POSSIBLE LAYOUTS FOR
 CONSTRUCTION. THE DESIGN BUILDER
 MAY USE AN ALTERNATE SITE ARRANGEMENT
 TO ACCOMMODATE THEIR CHOSEN
 CONSTRUCTION METHOD SUBJECT TO THE
 MANDATORY REQUIREMENTS OUTLINED IN
 THE PROJECT SPECIFICATIONS. FINAL
 MAINTENANCE OF TRAFFIC PLANS WILL BE
 SUBMITTED BY THE DESIGN BUILDER.

LEGEND

-  TRAFFIC DETOUR
-  PEDESTRIAN DETOUR
-  BIKE LANE
-  TRAVEL LANES
-  DASHED LANE MARKING
-  SOLID LANE MARKING
-  CSA
-  PHASE
-  EXISTING BUS STOP

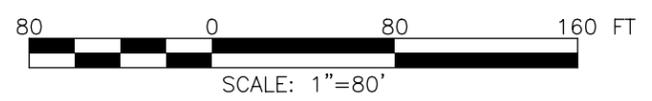
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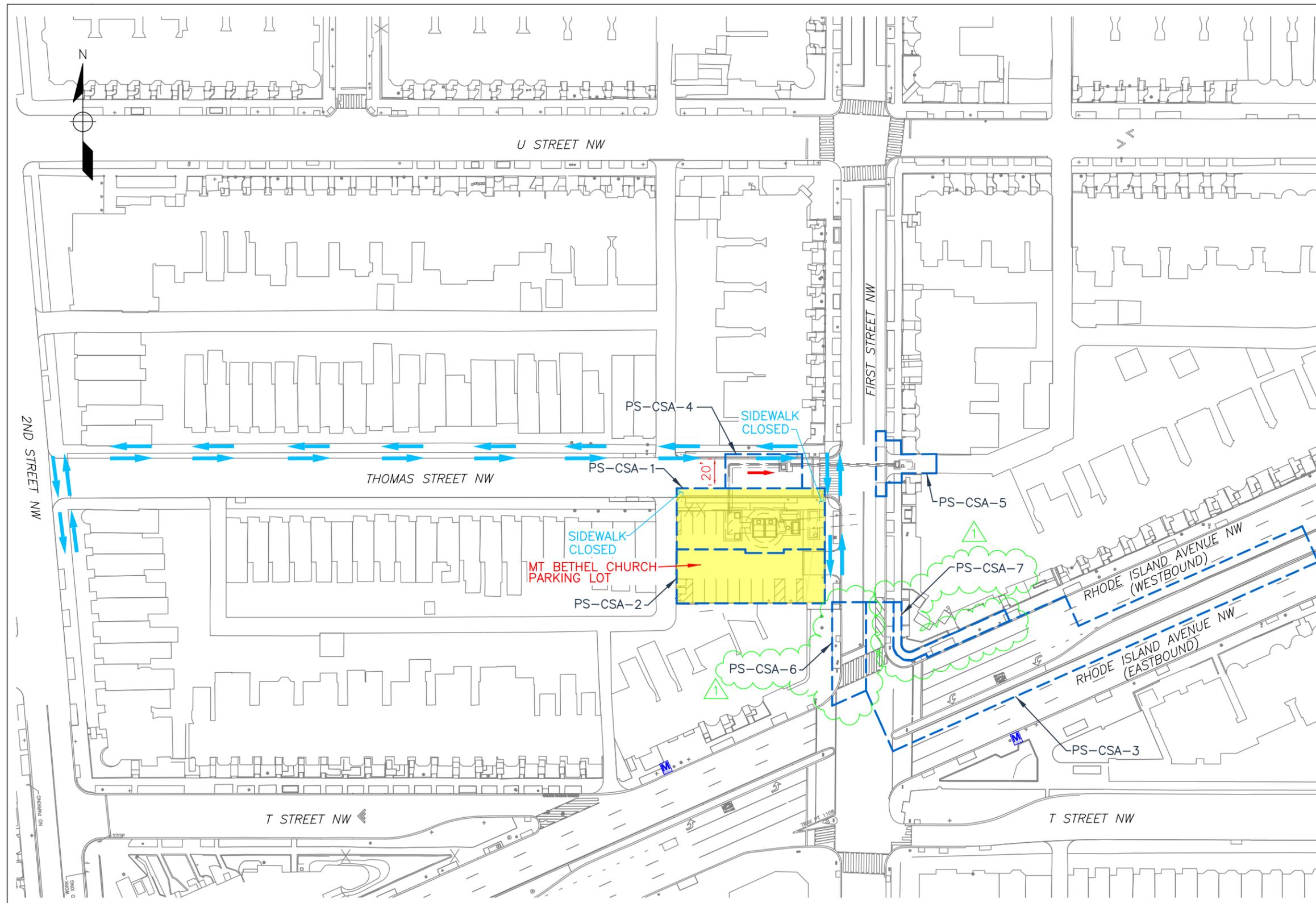


DC CLEAN RIVERS PROJECT
 ANACOSTIA RIVER PROJECTS - DIVISION J
 NORTHEAST BOUNDARY TUNNEL
 FIRST STREET SITE - PHASE 7
 DISCHARGE MANHOLE MODIFICATIONS
 DATE: AUGUST 2017

LEGEND

-  TRAFFIC DETOUR
-  PEDESTRIAN DETOUR
-  BIKE LANE
-  TRAVEL LANES
-  DASHED LANE MARKING
-  SOLID LANE MARKING
-  CSA
-  PHASE
-  EXISTING BUS STOP

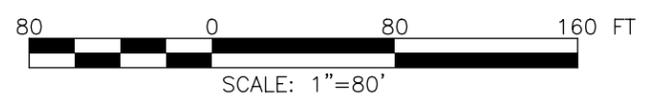
CSA PACKAGE AMENDMENT
AUGUST 2017



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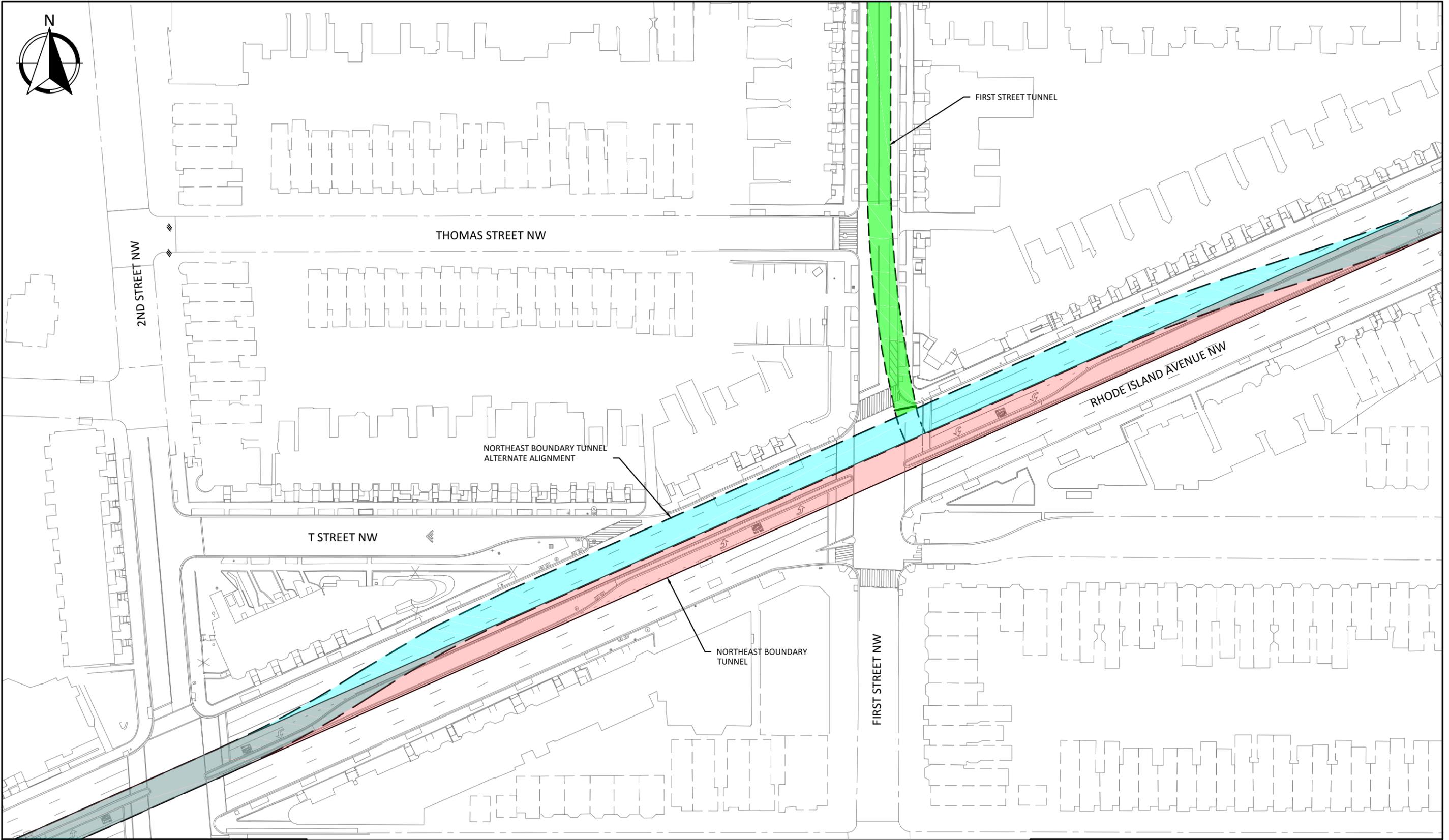


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 ANACOSTIA RIVER PROJECTS - DIVISION J
 NORTHEAST BOUNDARY TUNNEL
FIRST STREET SITE - PHASE 8
 SITE RESTORATION

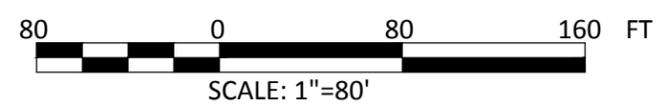
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LEGEND	
	NORTHEAST BOUNDARY TUNNEL ALTERNATE ALIGNMENT
	FIRST STREET TUNNEL
	NORTHEAST BOUNDARY TUNNEL

DC CLEAN RIVERS PROJECT
ANACOSTIA RIVER PROJECTS - DIVISION J
NORTHEAST BOUNDARY TUNNEL ALTERNATE ALIGNMENT
DATE: SEPTEMBER 2017 FIGURE 1 OF 1

Table B-5: Channing Street and Michigan Avenue Sites Mandatory Traffic and Pedestrian Requirements

Site	Construction Staging Area • Phase	Est. Duration (months)	Traffic	Pedestrian
Channing Street	CS-CSA1 • Phase 1	12	<u>First Street NW</u> <ul style="list-style-type: none"> • Maintain all lanes open at all times 	<u>First Street NW</u> <ul style="list-style-type: none"> • Maintain southbound sidewalk open at all times • Maintain all crosswalks open at all times • Detour pedestrians as outlined in the Conceptual TMP's
	CS-CSA2 • Phase 2	3	<u>First Street NW</u> <ul style="list-style-type: none"> • Detour traffic as outlined in the Conceptual TMP's <p>No work or staging to be performed between the hours of 7:00AM – 9:30AM and 3:30PM – 7:30PM, Monday through Friday</p>	<u>First Street NW</u> <ul style="list-style-type: none"> • Maintain all sidewalks open at all times • Maintain all crosswalks open at all times
Michigan Avenue	MA-CSA	3	<u>North Capitol Street NW Northbound</u> <ul style="list-style-type: none"> • Maintain two (2) 11-ft travel lanes open at all times <u>North Capitol Street NW Southbound</u> <ul style="list-style-type: none"> • Maintain one (1) 11-ft travel lanes open at all times <p>No work or staging to be performed between the hours of 7:00AM – 9:30AM and 3:30PM – 7:30PM, Monday through Friday</p>	<u>North Capitol Street NW</u> <ul style="list-style-type: none"> • Maintain all sidewalks open at all times • Maintain all and crosswalks open at all times

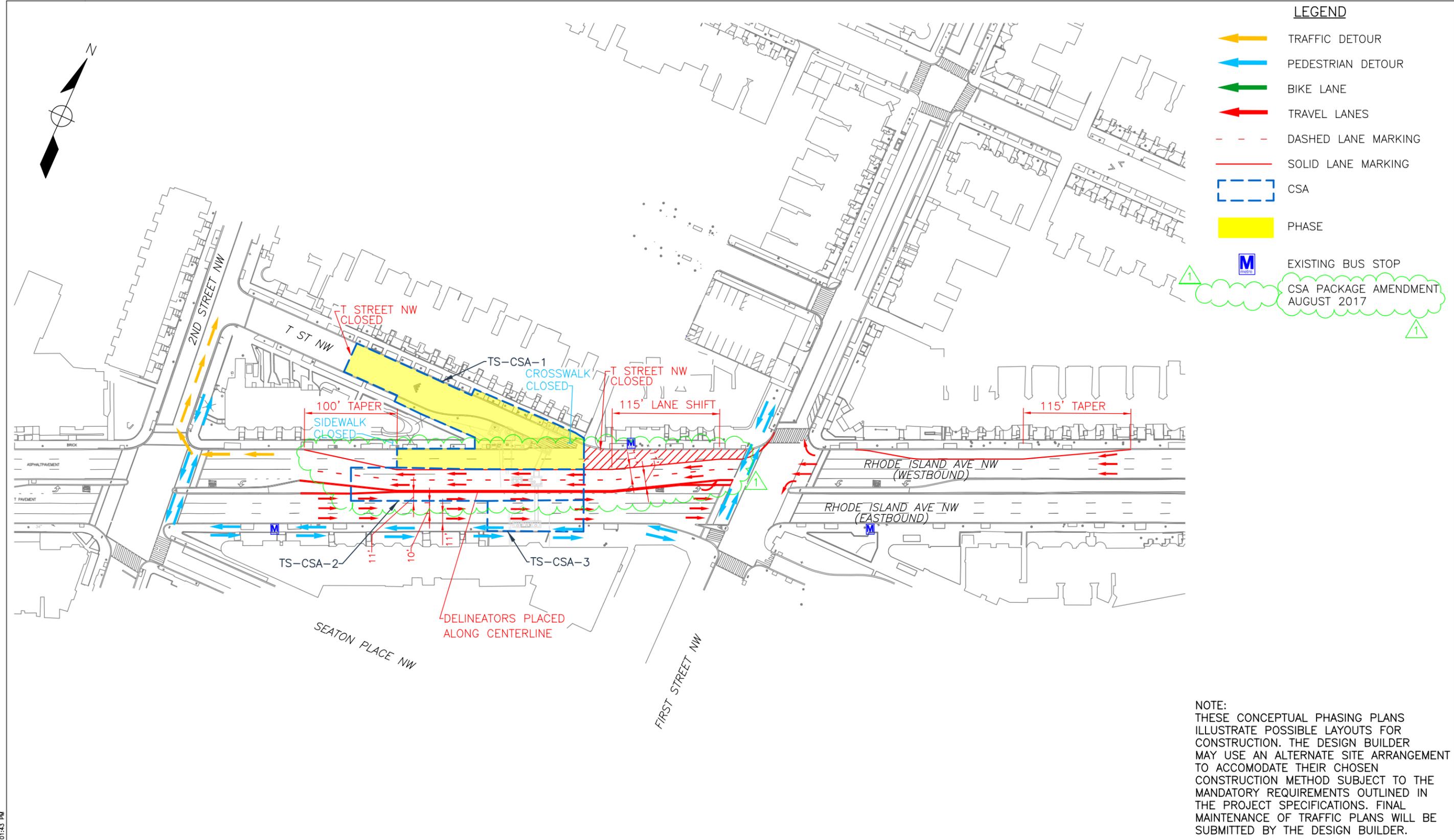
Table B-6: T Street Site Mandatory Traffic and Pedestrian Requirements

Site	Construction Staging Area • Phase	Est. Duration (months)	Traffic	Pedestrian
T Street	TS-CSA1 • Phase 1	18-21	<p><u>Rhode Island Avenue NW Eastbound</u></p> <ul style="list-style-type: none"> • Maintain all lanes open at all times • Restrict right turns onto T Street NW <p><u>Rhode Island Avenue NW Westbound</u></p> <ul style="list-style-type: none"> • <i>Maintain two (2) 11-ft travel lanes open at all times</i> • <i>Restrict right turns onto T Street NW</i> <p><u>T Street NW</u></p> <ul style="list-style-type: none"> • Detour traffic as outlined in the Conceptual TMP's <p>Cannot occur concurrently with TS-CSA2, TS-CSA3, PS-CSA3 or FLA-CSA3</p>	<p><u>T Street NW</u></p> <ul style="list-style-type: none"> • Maintain sidewalks open at all times • <i>Maintain northern sidewalk at its existing width at all times during construction.</i> • Maintain crosswalk at intersection of 2nd Street NW • Detour pedestrians as outlined in the Conceptual TMP's <p><u>Rhode Island Avenue NW</u></p> <ul style="list-style-type: none"> • Maintain eastbound sidewalk open at all times • Detour pedestrians as outlined in the Conceptual TMP's • Maintain all crosswalks open at all times
	TS-CSA2 • Phases 2	6	<p><u>Rhode Island Avenue NW Eastbound</u></p> <ul style="list-style-type: none"> • Maintain two (2) 11-ft travel lanes open at all times <p><u>Rhode Island Avenue NW Westbound</u></p> <ul style="list-style-type: none"> • Maintain two (2) 11-ft travel lanes open at all times <p><u>T Street NW</u></p> <ul style="list-style-type: none"> • Maintain all lanes open at all times <p>Cannot occur concurrently with TS-CSA1, PS-CSA3 or FLA-CSA3</p>	<p><u>T Street NW</u></p> <ul style="list-style-type: none"> • Maintain all sidewalks open at all times • Maintain all crosswalks open at all times <p><u>Rhode Island Avenue NW</u></p> <ul style="list-style-type: none"> • Maintain all sidewalks open at all times • Maintain all crosswalks open at all times
	TS-CSA3 • Phase 3	6	<p><u>Rhode Island Avenue NW Eastbound</u></p> <ul style="list-style-type: none"> • Maintain two (2) 11-ft travel lanes open at all times <p><u>Rhode Island Avenue NW Westbound</u></p> <ul style="list-style-type: none"> • Maintain two (2) 11-ft travel lanes open at all times <p><u>T Street NW</u></p> <ul style="list-style-type: none"> • Maintain all lanes open at all times <p>Cannot occur concurrently with TS-CSA1, PS-CSA3 or FLA-CSA3</p>	<p><u>T Street NW</u></p> <ul style="list-style-type: none"> • Maintain all sidewalks open at all times • Maintain all crosswalks open at all times <p><u>Rhode Island Avenue NW</u></p> <ul style="list-style-type: none"> • Maintain westbound sidewalk open at all times • Detour pedestrians as outlined in the Conceptual TMP's • Maintain all crosswalks open at all times

LEGEND

-  TRAFFIC DETOUR
-  PEDESTRIAN DETOUR
-  BIKE LANE
-  TRAVEL LANES
-  DASHED LANE MARKING
-  SOLID LANE MARKING
-  CSA
-  PHASE
-  EXISTING BUS STOP

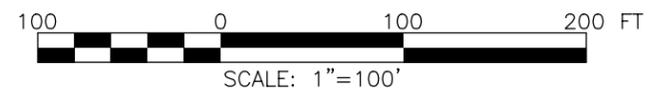
CSA PACKAGE AMENDMENT
AUGUST 2017



NOTE:
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 NORTHEAST BOUNDARY TUNNEL
 T STREET SITE – PHASE 1
 CONSTRUCT DROP SHAFT AND APPROACH CHANNEL
 DATE: AUGUST 2017

SHEET 1 OF 3



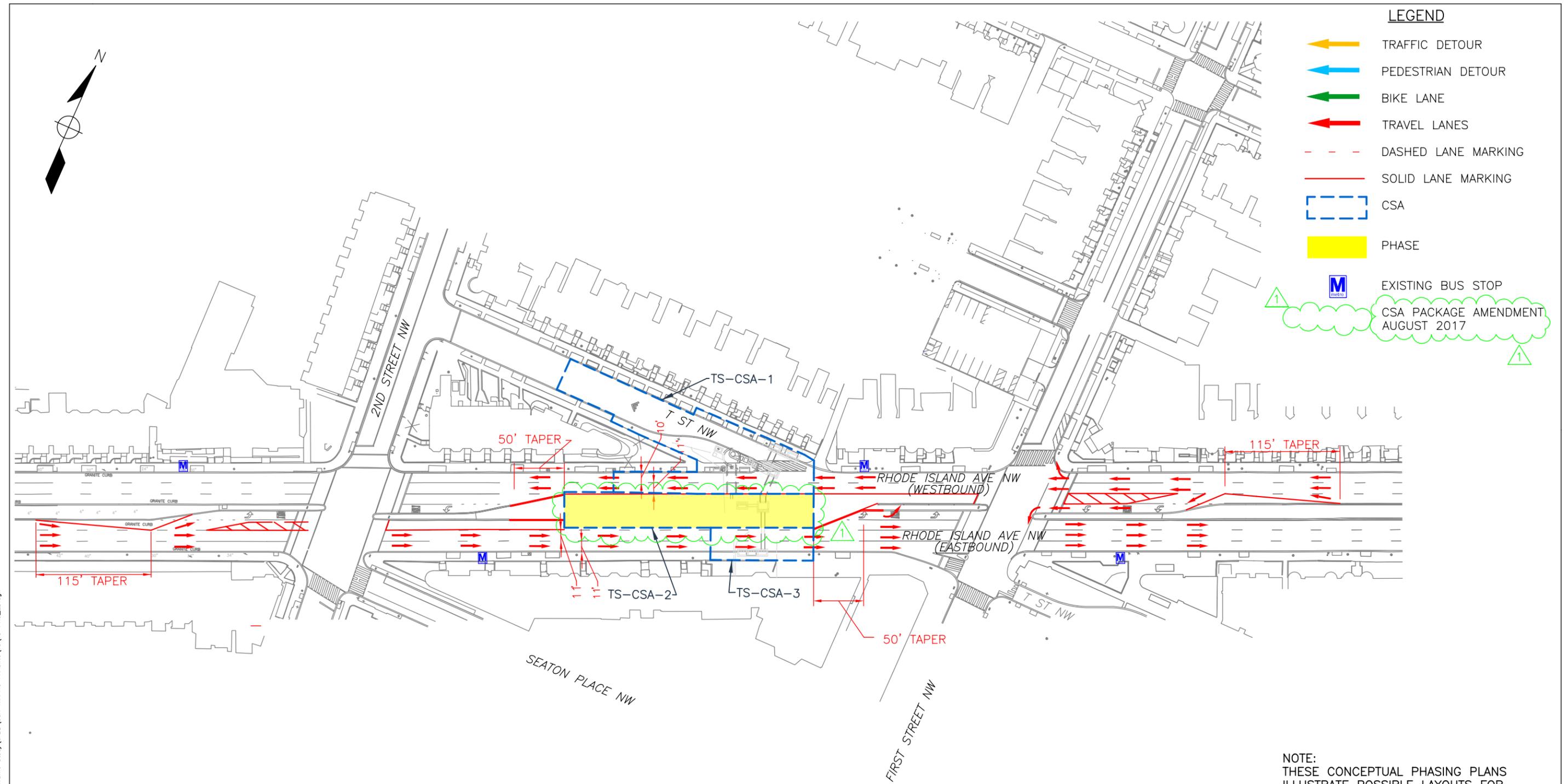
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-  TRAFFIC DETOUR
-  PEDESTRIAN DETOUR
-  BIKE LANE
-  TRAVEL LANES
-  DASHED LANE MARKING
-  SOLID LANE MARKING
-  CSA
-  PHASE



EXISTING BUS STOP

CSA PACKAGE AMENDMENT
AUGUST 2017

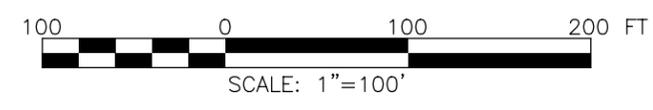


NOTE:
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dc clean RIVERS PROJECT

DISTRICT OF COLUMBIA
WATER AND SEWER AUTHORITY
5000 OVERLOOK AVENUE, SW
WASHINGTON, DC 20032
PHONE: 202-787-4460
FAX: 202-787-4478



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ANACOSTIA RIVER PROJECTS - DIVISION J
NORTHEAST BOUNDARY TUNNEL
T STREET SITE - PHASE 2
CONSTRUCT JUNCTION MANHOLE

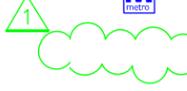
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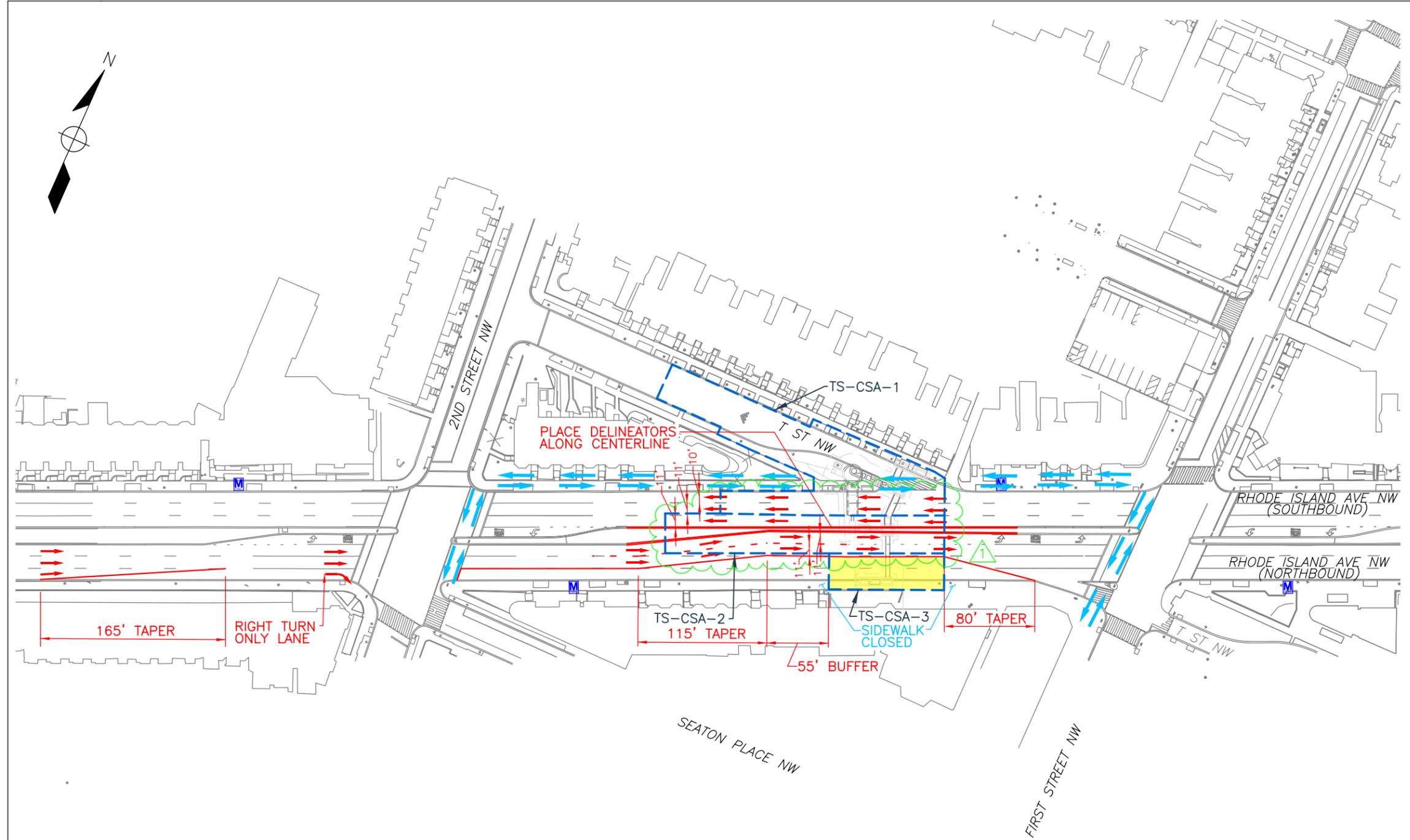
SHEET 2 OF 3



LEGEND

-  TRAFFIC DETOUR
-  PEDESTRIAN DETOUR
-  BIKE LANE
-  TRAVEL LANES
-  DASHED LANE MARKING
-  SOLID LANE MARKING
-  CSA
-  PHASE
-  EXISTING BUS STOP

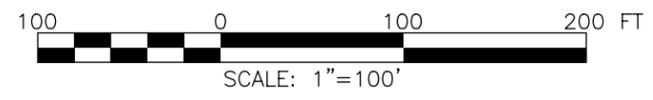
 CSA PACKAGE AMENDMENT AUGUST 2017



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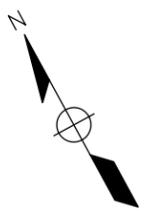
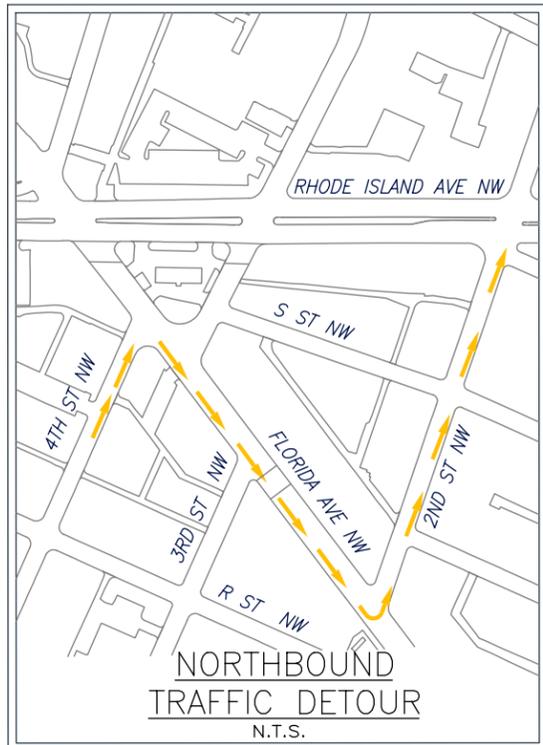
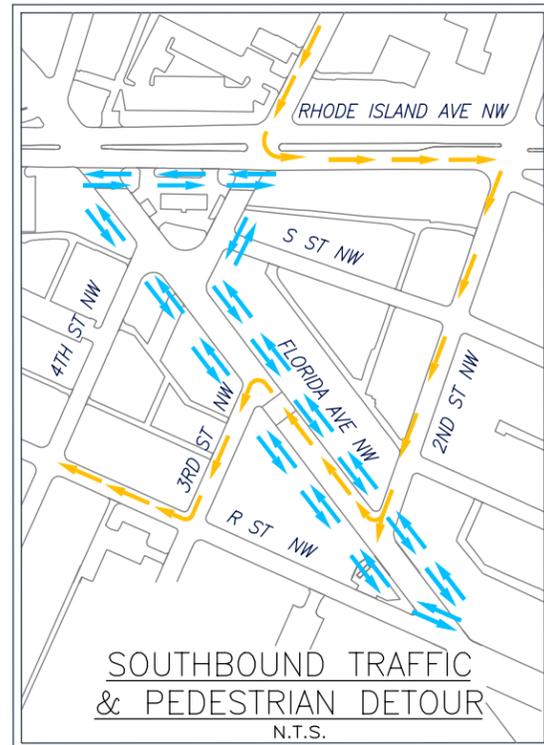
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 DATE: AUGUST 2017  SHEET 3 OF 3

Table B-7: Florida Avenue Site Mandatory Traffic and Pedestrian Requirements

Site	Construction Staging Area Phase	Est. Duration (months)	Traffic	Pedestrian
Florida Avenue	FLA-CSA1 • Phase 4	18 24	<p><u>Rhode Island Avenue NW</u></p> <ul style="list-style-type: none"> • Maintain all lanes open at all times <p><u>Florida Avenue NW</u></p> <ul style="list-style-type: none"> • Maintain all lanes open at all times <p><u>3rd Street NW</u></p> <ul style="list-style-type: none"> • Detour traffic as outlined in the Conceptual TMP's <p><u>4th Street NW</u></p> <ul style="list-style-type: none"> • Maintain all lanes open at all times <p><u>S Street NW</u></p> <ul style="list-style-type: none"> • Provide "T" to allow turnaround at intersection of 3rd Street NW <p>Maintain entrance and exit egress to BP Gas Station</p> <p><i>If a travel lane is maintained between FLA-CSA1 and FLA-CSA2 then a</i> A minimum of 20-feet must be maintained between the southern extent of FLA-CSA1 and the northern extent of FLA-CSA2 when both CSA's are occupied simultaneously</p>	<p><u>Rhode Island Avenue NW</u></p> <ul style="list-style-type: none"> • Maintain all sidewalks open at all times • Maintain all crosswalks open at all times <p><u>Florida Avenue NW</u></p> <ul style="list-style-type: none"> • Maintain all sidewalks open at all times • Maintain all crosswalks open at all times <p><u>3rd Street NW</u></p> <ul style="list-style-type: none"> • Maintain eastern sidewalk open at all times • Maintain all crosswalks open at all times • Detour pedestrians as outlined in the Conceptual TMP's <p><u>4th Street NW</u></p> <ul style="list-style-type: none"> • Maintain all sidewalks open at all times • Maintain all crosswalks open at all times <p><u>S Street NW</u></p> <ul style="list-style-type: none"> • Maintain all sidewalks open at all times • Maintain all crosswalks open at all times
	FLA-CSA2 • Phases 1-3	12	<p><u>Rhode Island Avenue NW</u></p> <ul style="list-style-type: none"> • Maintain all lanes open at all times <p><u>Florida Avenue NW Eastbound</u></p> <ul style="list-style-type: none"> • Maintain one (1) 11-ft travel lane open at all times • Restrict left turn to 3rd Street NW <p><u>Florida Avenue NW Westbound</u></p> <ul style="list-style-type: none"> • Maintain one (1) 11-ft travel lane open at all times • Restrict left turn to 4th Street NW • Restrict left turn to 3rd Street NW <p><u>3rd Street NW Northbound</u></p> <ul style="list-style-type: none"> • Maintain 10-ft travel lane open at all times <p><u>3rd Street NW Southbound</u></p> <ul style="list-style-type: none"> • Detour traffic as outlined in the Conceptual TMP's <p><u>4th Street NW</u></p> <ul style="list-style-type: none"> • Maintain all lanes open at all times <p><u>S Street NW</u></p> <ul style="list-style-type: none"> • Maintain all lanes open at all times <p>Adjust signal timings from 3rd Street NW and Rhode Island Avenue NW to 7th Street NW and Rhode Island Avenue NW and along Florida Avenue NW</p> <p>Maintain entrance and exit egress to BP Gas Station</p> <p><i>If a travel lane is maintained between FLA-CSA1 and FLA-CSA2 then a</i> A minimum of 20-feet must be maintained between the southern extent of FLA-CSA1 and the northern extent of FLA-CSA2 when both CSA's are occupied simultaneously</p> <p><i>In order to maintain vehicular travel lanes, sidewalk may need to be encroached upon to accommodate lane widths. Sidewalks are to be maintained at a width of no less than 6ft throughout the duration of the project.</i></p> <p><i>Notify property owner of 322 Florida Avenue NW a minimum of six (6) months prior to the occupation of FLA-CSA2</i></p>	<p><u>Rhode Island Avenue NW</u></p> <ul style="list-style-type: none"> • Maintain all sidewalks open at all times • Maintain all crosswalks open at all times <p><u>Florida Avenue NW</u></p> <ul style="list-style-type: none"> • Maintain eastbound sidewalk open at all times • Maintain all crosswalks at the intersection of Rhode Island Avenue NW open at all times • Detour pedestrians as outlined in the Conceptual TMP's <p><u>3rd Street NW</u></p> <ul style="list-style-type: none"> • Maintain eastern sidewalk open at all times • Maintain all crosswalks at the intersection of Rhode Island Avenue NW open at all times • Detour pedestrians as outlined in the Conceptual TMP's <p><u>4th Street NW</u></p> <ul style="list-style-type: none"> • Maintain all sidewalks open at all times • Maintain all crosswalks open at all times • Stripe crosswalk at the intersection of Florida Avenue NW with high visibility zebra striping • Detour pedestrians as outlined in the Conceptual TMP's <p><u>S Street NW</u></p> <ul style="list-style-type: none"> • Maintain all sidewalks open at all times • Maintain all crosswalks open at all times

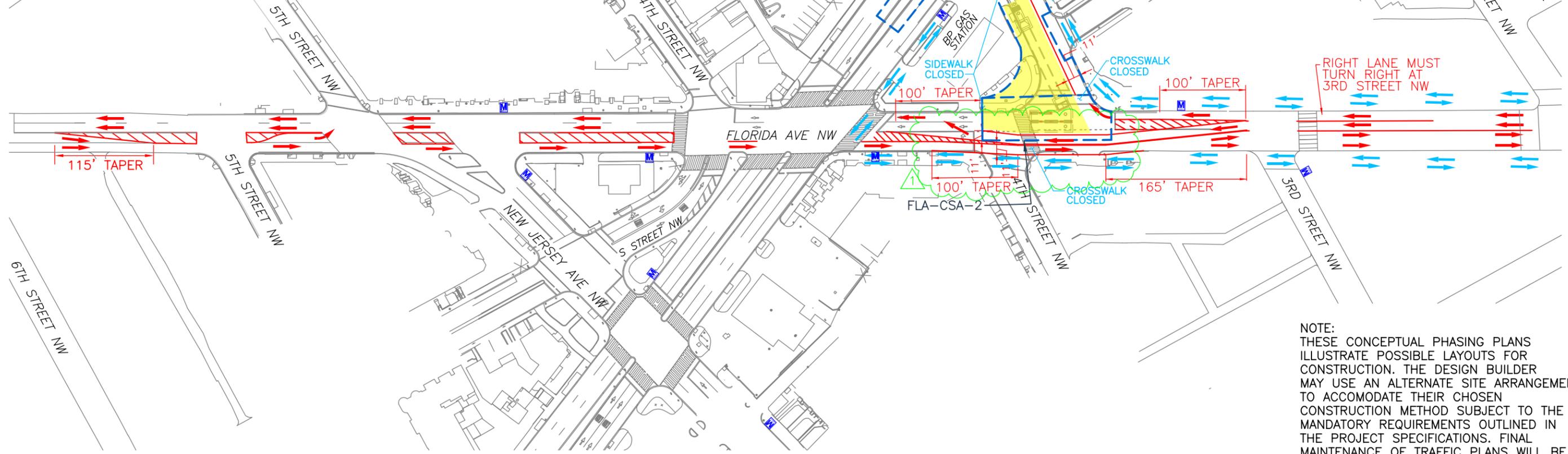
Site	Construction Staging Area Phase	Est. Duration (months)	Traffic	Pedestrian
Florida Avenue	FLA-CSA3 • Phases 5-7	6	<p><u>Rhode Island Avenue NW Eastbound</u></p> <ul style="list-style-type: none"> • Maintain two (2) 11-ft travel lanes open at all times <p><u>Rhode Island Avenue NW Westbound</u></p> <ul style="list-style-type: none"> • Maintain two (2) 11-ft travel lanes open at all times <p><u>Florida Avenue NW</u></p> <ul style="list-style-type: none"> • Maintain all lanes open at all times <p><u>3rd Street NW</u></p> <ul style="list-style-type: none"> • Detour traffic as outlined in the Conceptual TMP's <p><u>4th Street NW</u></p> <ul style="list-style-type: none"> • Maintain all lanes open at all times <p><u>S Street NW</u></p> <ul style="list-style-type: none"> • Maintain all lanes open at all times <p>Adjust signal timings from 3rd Street NW and Rhode Island Avenue NW to 7th Street NW and Rhode Island Avenue NW and along Florida Avenue NW Maintain entrance and exit egress to BP Gas Station Cannot occur concurrently with TS-CSA1, TS-CSA2, TS-CSA3 or PS-CSA3</p>	<p><u>Rhode Island Avenue NW</u></p> <ul style="list-style-type: none"> • Maintain all sidewalks open at all times • Maintain a minimum of one (1) crosswalk open at all times at the intersection of 3rd Street NW • Maintain all crosswalk at the intersection of Florida Avenue NW open at all times • Maintain one (1) crosswalk at the intersection of Florida Avenue NW open at all times – detour pedestrians as outlined in the Conceptual TMP's <p><u>Florida Avenue NW</u></p> <ul style="list-style-type: none"> • Maintain all sidewalks open at all times • Maintain all crosswalks open at all times <p><u>3rd Street NW</u></p> <ul style="list-style-type: none"> • Maintain eastern sidewalk open at all times • Maintain all crosswalks open at all times • Detour pedestrians as outlined in the Conceptual TMP's <p><u>4th Street NW</u></p> <ul style="list-style-type: none"> • Maintain all sidewalks open at all times • Maintain all crosswalks open at all times • Stripe crosswalk at the intersection of Florida Avenue NW with high visibility zebra striping <p><u>S Street NW</u></p> <ul style="list-style-type: none"> • Maintain all sidewalks open at all times • Maintain all crosswalks open at all times

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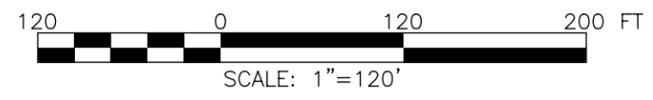
LEGEND

- TRAFFIC DETOUR
- PEDESTRIAN DETOUR
- BIKE LANE
- TRAVEL LANES
- DASHED LANE MARKING
- SOLID LANE MARKING
- CSA
- PHASE
- EXISTING BUS STOP
- CSA PACKAGE AMENDMENT AUGUST 2017



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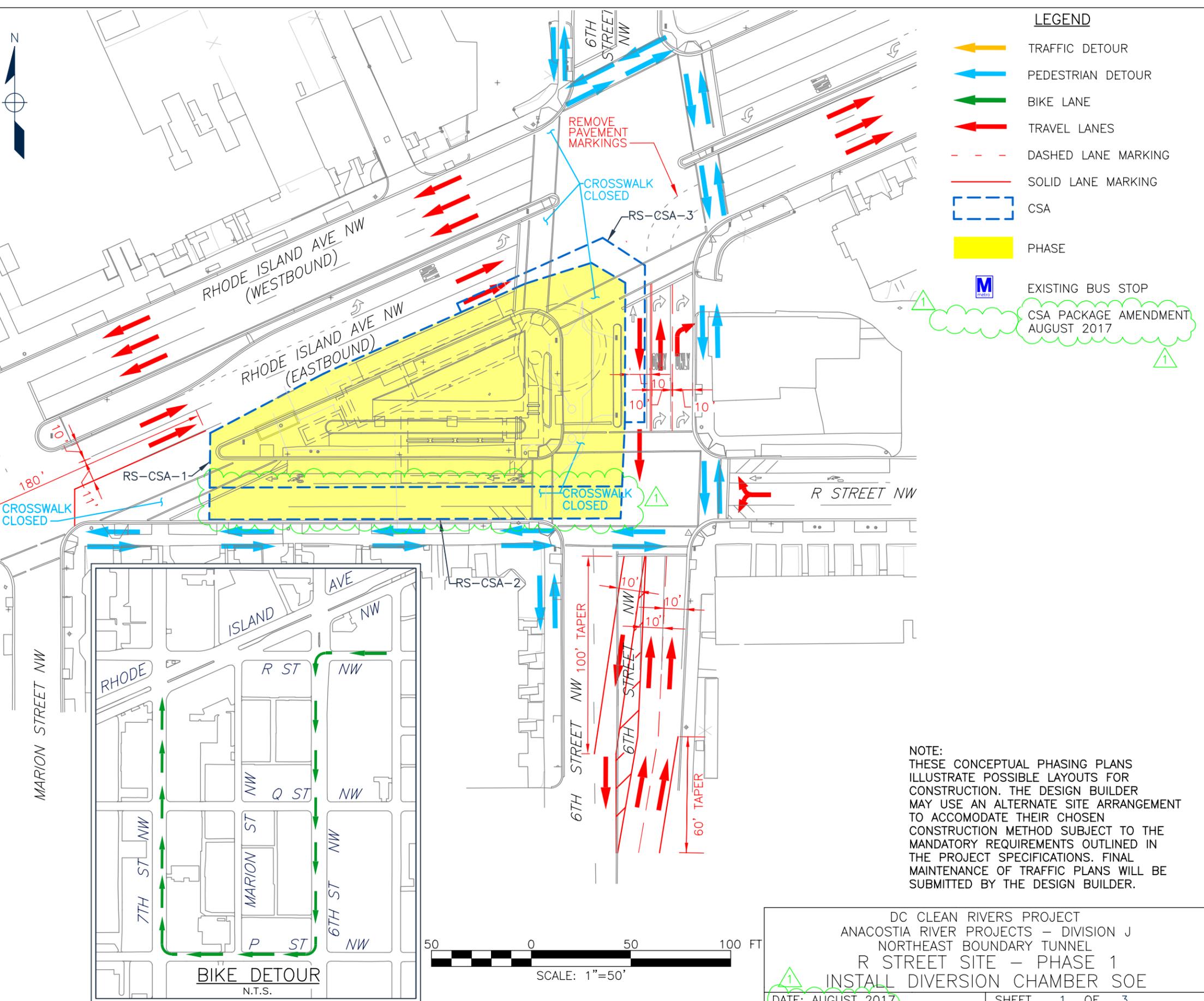
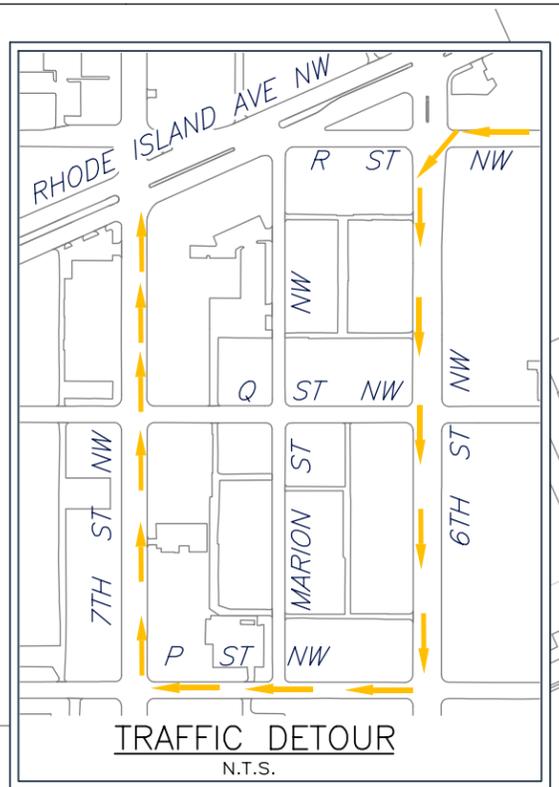
DC CLEAN RIVERS PROJECT
 ANACOSTIA RIVER PROJECTS – DIVISION J
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 FLORIDA AVE SITE – PHASE 2
CONSTRUCT DIVERSION CHAMBER

DATE: AUGUST 2017 SHEET 2 OF 7

Table B-8: R Street Site Mandatory Traffic, Pedestrian and Bicycle Requirements

Site	Construction Staging Area Phase	Est. Duration (months)	Traffic	Pedestrian	Bicycle
R Street	RS-CSA1 • Phase 2	30 33	<p><u>Rhode Island Avenue NW Eastbound</u></p> <ul style="list-style-type: none"> Maintain two (2) 11-ft travel lanes open at all times <p><u>Rhode Island Avenue NW Westbound</u></p> <ul style="list-style-type: none"> Maintain all lanes open at all times Provide protected/permissive operations for the westbound left turn movement at 7th Street NW <p><u>R Street NW</u></p> <ul style="list-style-type: none"> Maintain 11-ft travel lane open at all times <p><u>6th Street NW Northbound</u></p> <ul style="list-style-type: none"> Maintain 10-ft travel lane and 10-ft turning lane open at all times <p><u>6th Street NW Southbound</u></p> <ul style="list-style-type: none"> Maintain 10-ft travel lane open at all times <p>Adjust signal timings from 3rd Street NW and Rhode Island Avenue NW to 7th Street NW and Rhode Island Avenue NW and along Florida Avenue NW</p>	<p><u>Rhode Island Avenue NW</u></p> <ul style="list-style-type: none"> Maintain the westbound sidewalk open at all times Maintain the eastern crosswalk at the intersection of 6th Street NW open at all times Detour pedestrians as outlined in the Conceptual TMP's <p><u>R Street NW</u></p> <ul style="list-style-type: none"> Maintain southern sidewalk open at all times Maintain the eastern crosswalk at the intersection of 6th Street NW open at all times Detour pedestrians as outlined in the Conceptual TMP's <p><u>6th Street NW</u></p> <ul style="list-style-type: none"> Maintain northbound and southbound sidewalks open at all times south of R Street NW Maintain northbound sidewalk open at all times north of R Street NW Maintain southern crosswalk at the intersection of R Street NW open at all times Maintain the northern crosswalk at the intersection of Rhode Island Avenue NW open at all times Detour pedestrians as outlined in the Conceptual TMP's 	<p><u>R Street NW</u></p> <ul style="list-style-type: none"> Maintain 5-ft bicycle lane at all times
	RS-CSA2 • Phase 1	3	<p><u>Rhode Island Avenue NW Eastbound</u></p> <ul style="list-style-type: none"> Maintain two (2) 11-ft travel lanes open at all times Bag signal at the intersection of Rhode Island Avenue NW and R Street NW <p><u>Rhode Island Avenue NW Westbound</u></p> <ul style="list-style-type: none"> Maintain all lanes open at all times Provide protected/permissive operations for the westbound left turn movement at 7th Street NW Bag signal at the intersection of R Street NW <p><u>R Street NW</u></p> <ul style="list-style-type: none"> Detour traffic as outlined in the Conceptual TMP's <p><u>6th Street NW Northbound</u></p> <ul style="list-style-type: none"> Maintain 10-ft travel lane and 10-ft right turning lane open at all times <p><u>6th Street NW Southbound</u></p> <ul style="list-style-type: none"> Maintain 10-ft travel lane open at all times <p>Adjust signal timings from 3rd Street NW and Rhode Island Avenue NW to 7th Street NW and Rhode Island Avenue NW and along Florida Avenue NW</p> <p>Restrict parking on 7th Street NW south of Rhode Island Avenue to provide for adequate storage for the detoured left turn movement</p>	<p><u>Rhode Island Avenue NW</u></p> <ul style="list-style-type: none"> Maintain the westbound sidewalk open at all times Maintain the eastern crosswalk at the intersection of 6th Street NW open at all times Detour pedestrians as outlined in the Conceptual TMP's <p><u>R Street NW</u></p> <ul style="list-style-type: none"> Maintain southern sidewalk open at all times Maintain the eastern crosswalk at the intersection of 6th Street NW open at all times Detour pedestrians as outlined in the Conceptual TMP's <p><u>6th Street NW</u></p> <ul style="list-style-type: none"> Maintain northbound and southbound sidewalks open at all times south of R Street NW Maintain northbound sidewalk open at all times north of R Street NW Maintain southern crosswalk at the intersection of R Street NW open at all times Maintain the northern crosswalk at the intersection of Rhode Island Avenue NW open at all times Detour pedestrians as outlined in the Conceptual TMP's 	<p><u>R Street NW</u></p> <ul style="list-style-type: none"> Detour westbound bicycle traffic as outlined in the Conceptual TMP's <p><u>6th Street NW Northbound</u></p> <ul style="list-style-type: none"> Create shareable bicycle/ travel lane (center lane). Stripe lane for bicycle traffic
	RS-CSA3 Phase 3	3	<p><u>Rhode Island Avenue NW Eastbound</u></p> <ul style="list-style-type: none"> Maintain one (1) 11-ft travel lanes open at all times Maintain left/through bay at intersection of 6th Street NW <p><u>Rhode Island Avenue NW Westbound</u></p> <ul style="list-style-type: none"> Maintain all lanes open at all times Provide protected/permissive operations for the westbound left turn movement at 7th Street NW <p><u>R Street NW</u></p> <ul style="list-style-type: none"> Maintain 11-ft travel lane open at all times open at all times <p><u>6th Street NW Northbound</u></p> <ul style="list-style-type: none"> Maintain 10-ft travel lane open at all times <p><u>6th Street NW Southbound</u></p> <ul style="list-style-type: none"> Maintain 10-ft travel lane open at all times <p>Adjust signal timings from 3rd Street NW and Rhode Island Avenue NW to 7th Street NW and Rhode Island Avenue NW and along Florida Avenue NW</p> <p>No work or staging to be performed between the hours of 7:00AM – 9:30AM and 3:30PM – 7:30PM, Monday through Friday</p>	<p><u>Rhode Island Avenue NW</u></p> <ul style="list-style-type: none"> Maintain the westbound sidewalk open at all times Maintain the eastern crosswalk at the intersection of 6th Street NW open at all times Detour pedestrians as outlined in the Conceptual TMP's <p><u>R Street NW</u></p> <ul style="list-style-type: none"> Maintain southern sidewalk open at all times Maintain the eastern crosswalk at the intersection of 6th Street NW open at all times Detour pedestrians as outlined in the Conceptual TMP's <p><u>6th Street NW</u></p> <ul style="list-style-type: none"> Maintain northbound and southbound sidewalks open at all times south of R Street NW Maintain northbound sidewalk open at all times north of R Street NW Maintain southern crosswalk at the intersection of R Street NW open at all times Maintain the northern crosswalk at the intersection of Rhode Island Avenue NW open at all times Detour pedestrians as outlined in the Conceptual TMP's 	<p><u>R Street NW</u></p> <ul style="list-style-type: none"> Maintain 5-ft bicycle lane at all times <p><u>6th Street NW Northbound</u></p> <ul style="list-style-type: none"> Create shareable bicycle/ travel lane (center lane). Stripe lane for bicycle traffic

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- LEGEND**
- TRAFFIC DETOUR
 - PEDESTRIAN DETOUR
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 - TRAVEL LANES
 - DASHED LANE MARKING
 - SOLID LANE MARKING
 - CSA
 - PHASE
 - EXISTING BUS STOP
 - CSA PACKAGE AMENDMENT AUGUST 2017

R STREET NW

115' TAPER

CROSSWALK CLOSED

RS-CSA-1

6TH STREET NW 100' TAPER

6TH STREET NW

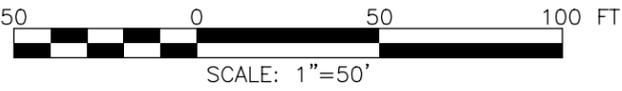
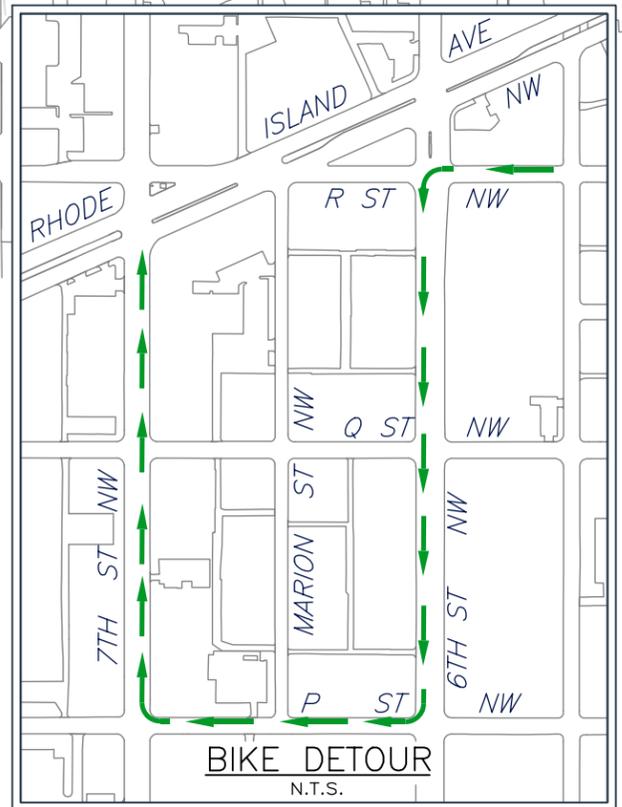
6TH STREET NW

60' TAPER

RS-CSA-2

RS-CSA-3

CROSSWALK CLOSED



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 R STREET SITE – PHASE 1
 INSTALL DIVERSION CHAMBER SOE

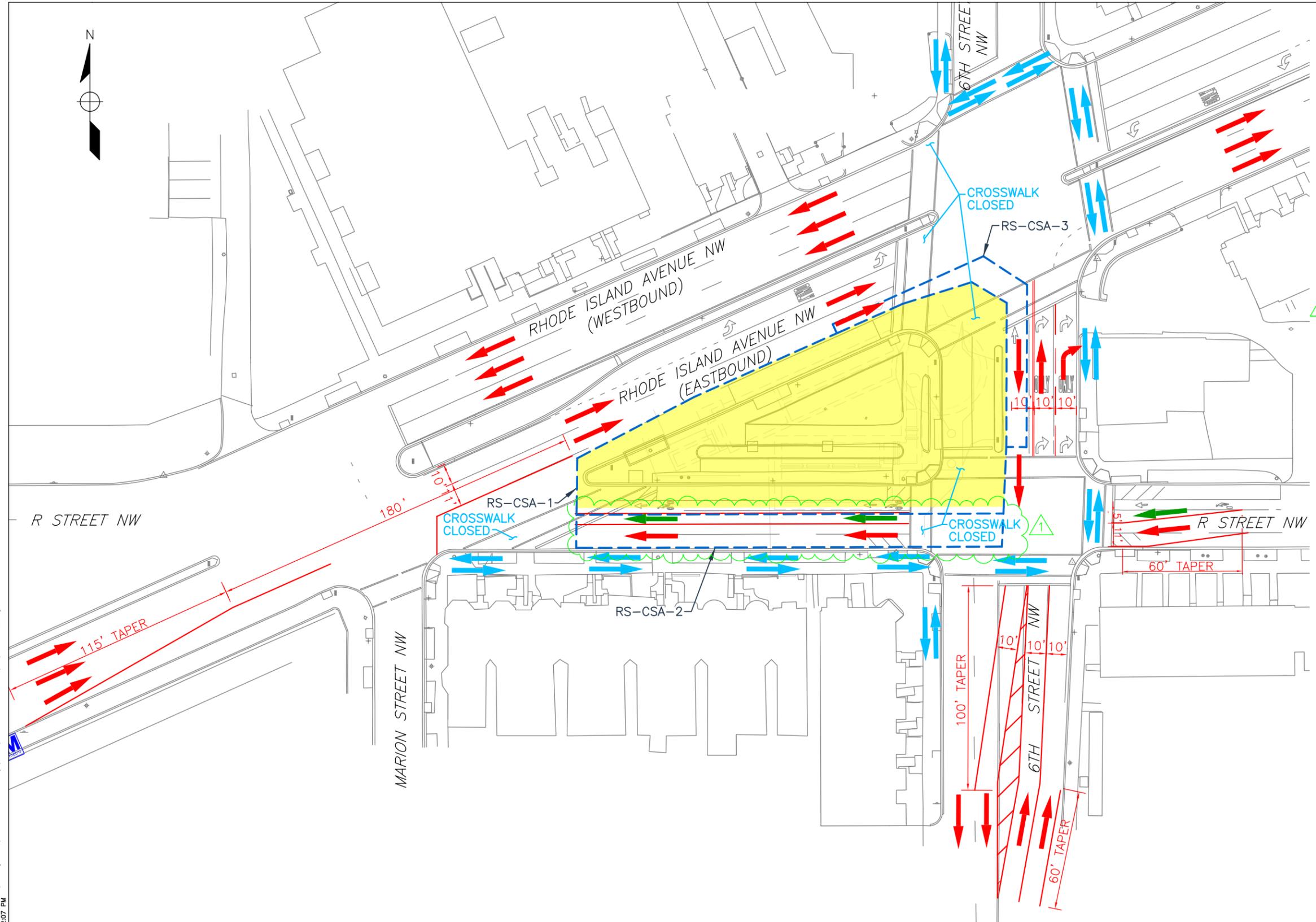
DATE: AUGUST 2017 SHEET 1 OF 3



LEGEND

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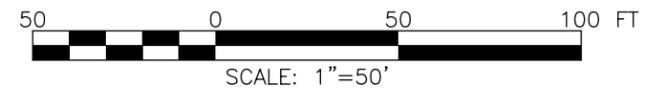
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 NORTHEAST BOUNDARY TUNNEL
 R STREET SITE – PHASE 2
 CONSTRUCT DIVERSION FACILITY

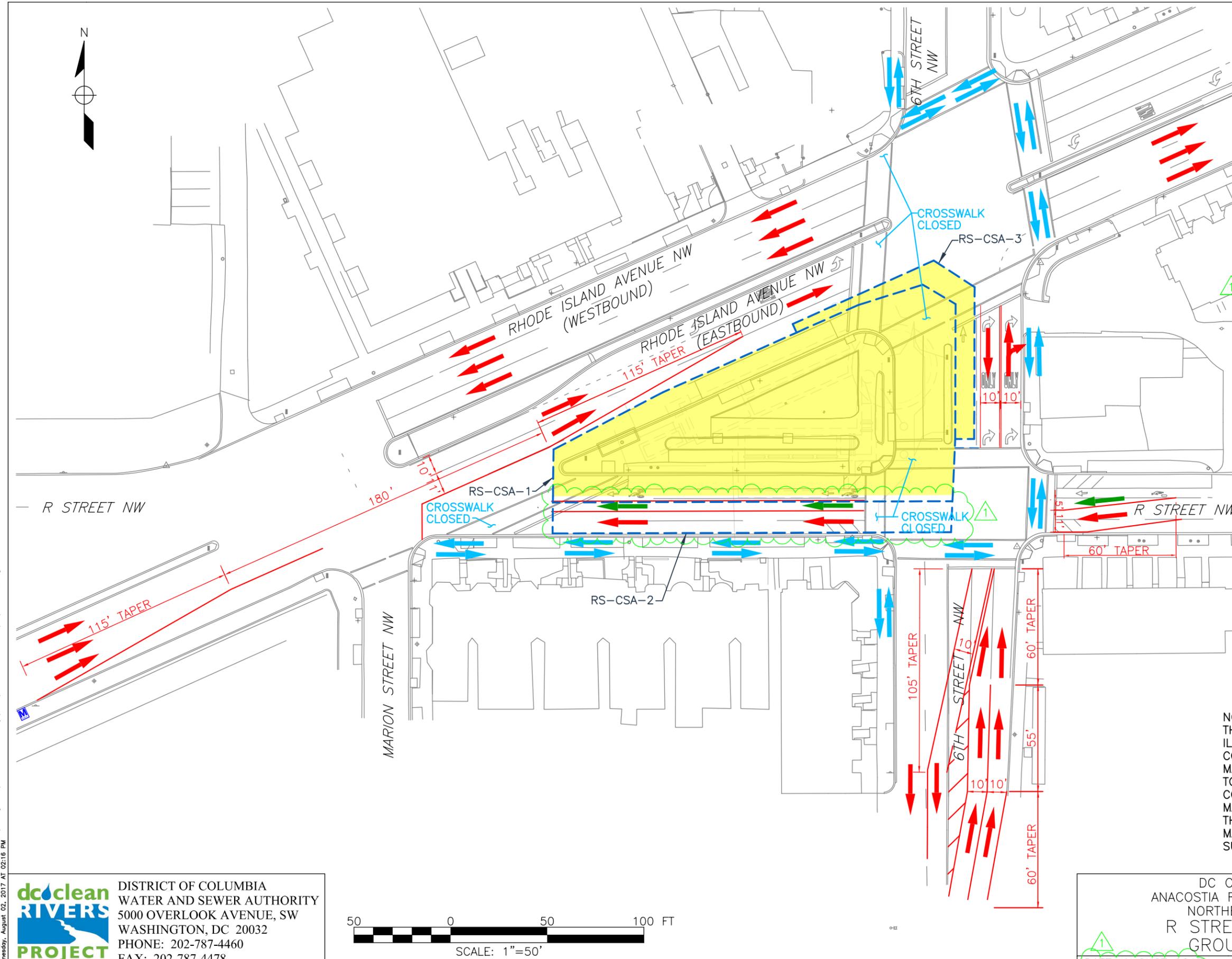
1 DATE: AUGUST 2017 SHEET 2 OF 3



LEGEND

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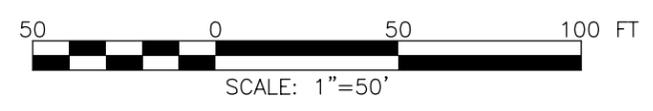


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 NORTHEAST BOUNDARY TUNNEL
 R STREET SITE - PHASE 3
 GROUND IMPROVEMENT

DATE: AUGUST 2017

SHEET 3 OF 3