

Boardwalk Diversion vs. Proposed Detour



May-August 2022

Close Four Mile Run Trail outside Gleebe Substation.
Proposed Detour used while Dominion Energy installs Boardwalk Diversion Detour.



Approximately 4 months
(Proposed Detour in place)

Late Summer 2022 - 2025

Boardwalk Diversion Detour in place while Dominion Energy completes substation GIS conversion, installs new underground line, and replaces the substation fence.



Approximately 2.5 years
(Boardwalk Diversion in place)

January-June 2025

Dominion Energy closes Boardwalk Diversion Detour and re-implements Proposed Detour while Dominion Energy removes overhead line from service and simultaneously removes the Boardwalk Diversion Detour.



Approximately 6 months
(Proposed Detour in place)

*Schedule is subject to change based on weather, permitting, etc.

GLEBE SUBSTATION

3225 SOUTH EADS STREET

ARLINGTON COUNTY, VIRGINIA 22202



REVISIONS		
NO.	DESCRIPTION	DATE

SCALE: 1" = 40'
DATE: 04/29/2022

PROJECT NUMBER:
CEPL22-00023

SHEET TITLE:
C7.3 - OVERALL BIKE AND
PEDESTRIAN DETOURS

SHEET #:
31

APPROVED: 05/20/2022
CEPL22-00023
APPROVED PLAN SET



Dennis Leach, Chief, DES-Transportation Division

Department of Environmental Services

PAVEMENT MARKING GENERAL NOTES:

- PAVEMENT MARKINGS ARE TO BE IN ACCORDANCE WITH THE MOST CURRENT EDITION OF THE FOLLOWING AND ANY REVISIONS THERETO:
 - THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES
 - THE VDOT ROAD AND BRIDGE STANDARDS
 - THE VDOT ROAD AND BRIDGE SPECIFICATIONS
- PERMANENT PAVEMENT LINE MARKINGS AND PAVEMENT MARKING SYMBOLS SHALL BE VDOT TYPE B, CLASS 1 PAINT UNLESS OTHERWISE NOTED.
- ANY EXISTING PAVEMENT MARKINGS WHICH WILL CONFLICT WITH THE PROPOSED PAVEMENT MARKINGS SHALL BE COMPLETELY ERADICATED.
- LIMITS OF PROPOSED PAVEMENT MARKINGS SHOWN ARE APPROXIMATE AND SHALL BE MODIFIED IN THE FIELD UNTIL EXISTING PAVEMENT MARKINGS CAN BE MATCHED.

GLEBE SUBSTATION
3225 SOUTH EADS STREET
ARLINGTON COUNTY, VIRGINIA 22202



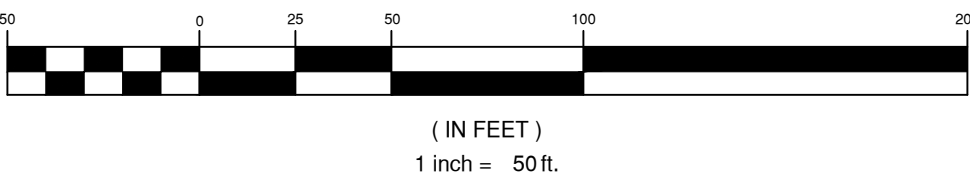
REVISIONS		
NO.	DESCRIPTION	DATE

SCALE: 1" = 50'
DATE: 04/29/2022
PROJECT NUMBER: CEPL22-00023

SHEET TITLE: C7.4 - PEDESTRIAN DETOUR
SHEET #: 32

APPROVED: 05/20/2022
CEPL22-00023 APPROVED PLAN SET

Dennis Leach, Chief, DES - Transportation Division



CONTRACTOR TO SHIFT SIGNAL HEADS OR SIGNS AS NEEDED DUE TO THE PROPOSED LANE CONFIGURATION. ANY MODIFICATION WILL BE COORDINATED WITH ARLINGTON COUNTY SIGNAL TEAM.

REMOVE THREE EXISTING LANE MARKINGS OF OUTER THREE LANES AND PLACE LEFT/THRU LANE AND RIGHT TURN ONLY LANE MARKINGS AS SHOWN, INSIDE LEFT MARKING TO REMAIN.

REMOVE THREE EXISTING LANE MARKINGS AND PLACE LEFT/THRU AND RIGHT TURN MARKINGS AS SHOWN.

REMOVE THREE EXISTING LANE MARKINGS OF OUTER THREE LANES AND PLACE LEFT/THRU AND RIGHT TURN MARKINGS AS SHOWN, INSIDE LEFT MARKING TO REMAIN.

CHANGE BOTTOM SIGN ON MEDIAN SIGN TO NEW LANE CONFIGURATIONS AT RICHMOND HWY/GLEBE RD INTERSECTION

CONTRACTOR TO SHIFT SIGNAL HEADS OR SIGNS AS NEEDED DUE TO THE PROPOSED LANE CONFIGURATION. ANY MODIFICATION WILL BE COORDINATED WITH ARLINGTON COUNTY SIGNAL TEAM.

CONVERT THRU LANE TO RIGHT TURN ONLY LANE. PLACE RIGHT HAND TURN PAVEMENT MARKING

PLACE 4" YELLOW THERMOPLASTIC PAINT STRIPE DOWN CENTER OF SIDEWALK TO CREATE TWO-WAY TRAIL TRAFFIC LANES

REMOVE PAVERS BEHIND TREE WELLS AND REPLACE WITH COLD PATCH ASPHALT.

10 EXISTING STREET TREES TO BE REMOVED. COLD PATH ASPHALT TO BE PLACED OVER TREE WELLS UNTIL END OF PROJECT WHEN TREES AND SIDEWALK WILL BE REPLACED IN 2025. COORDINATE WITH ARLINGTON COUNTY PRIOR TO REPLACING SIDEWALK AND TREES.

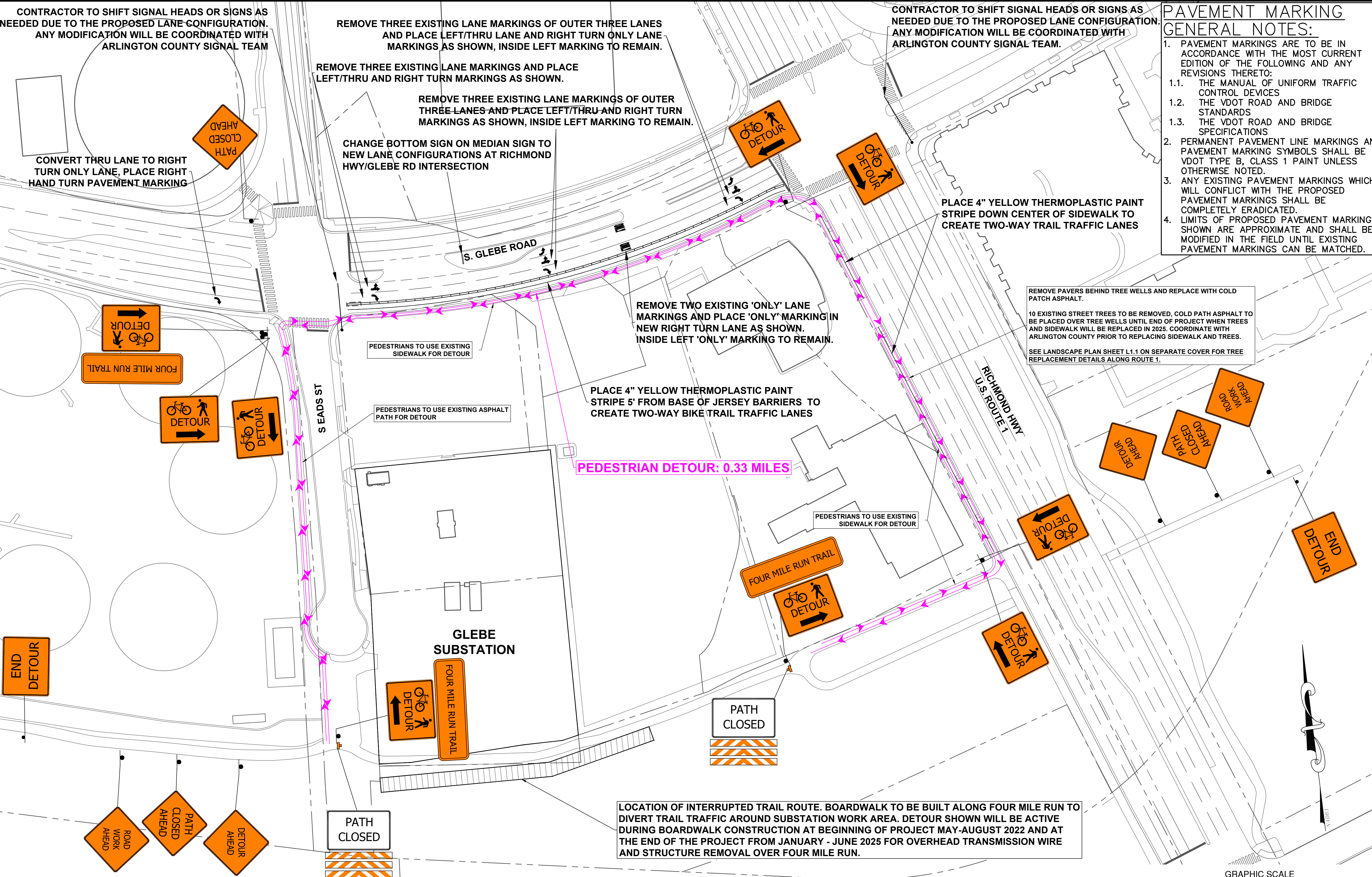
SEE LANDSCAPE PLAN SHEET L1.1 ON SEPARATE COVER FOR TREE REPLACEMENT DETAILS ALONG ROUTE 1.

REMOVE TWO EXISTING 'ONLY' LANE MARKINGS AND PLACE 'ONLY' MARKING IN NEW RIGHT TURN LANE AS SHOWN. INSIDE LEFT 'ONLY' MARKING TO REMAIN.

PLACE 4" YELLOW THERMOPLASTIC PAINT STRIPE 5' FROM BASE OF JERSEY BARRIERS TO CREATE TWO-WAY BIKE TRAIL TRAFFIC LANES

PEDESTRIAN DETOUR: 0.33 MILES

LOCATION OF INTERRUPTED TRAIL ROUTE. BOARDWALK TO BE BUILT ALONG FOUR MILE RUN TO DIVERT TRAIL TRAFFIC AROUND SUBSTATION WORK AREA. DETOUR SHOWN WILL BE ACTIVE DURING BOARDWALK CONSTRUCTION AT BEGINNING OF PROJECT MAY-AUGUST 2022 AND AT THE END OF THE PROJECT FROM JANUARY - JUNE 2025 FOR OVERHEAD TRANSMISSION WIRE AND STRUCTURE REMOVAL OVER FOUR MILE RUN.



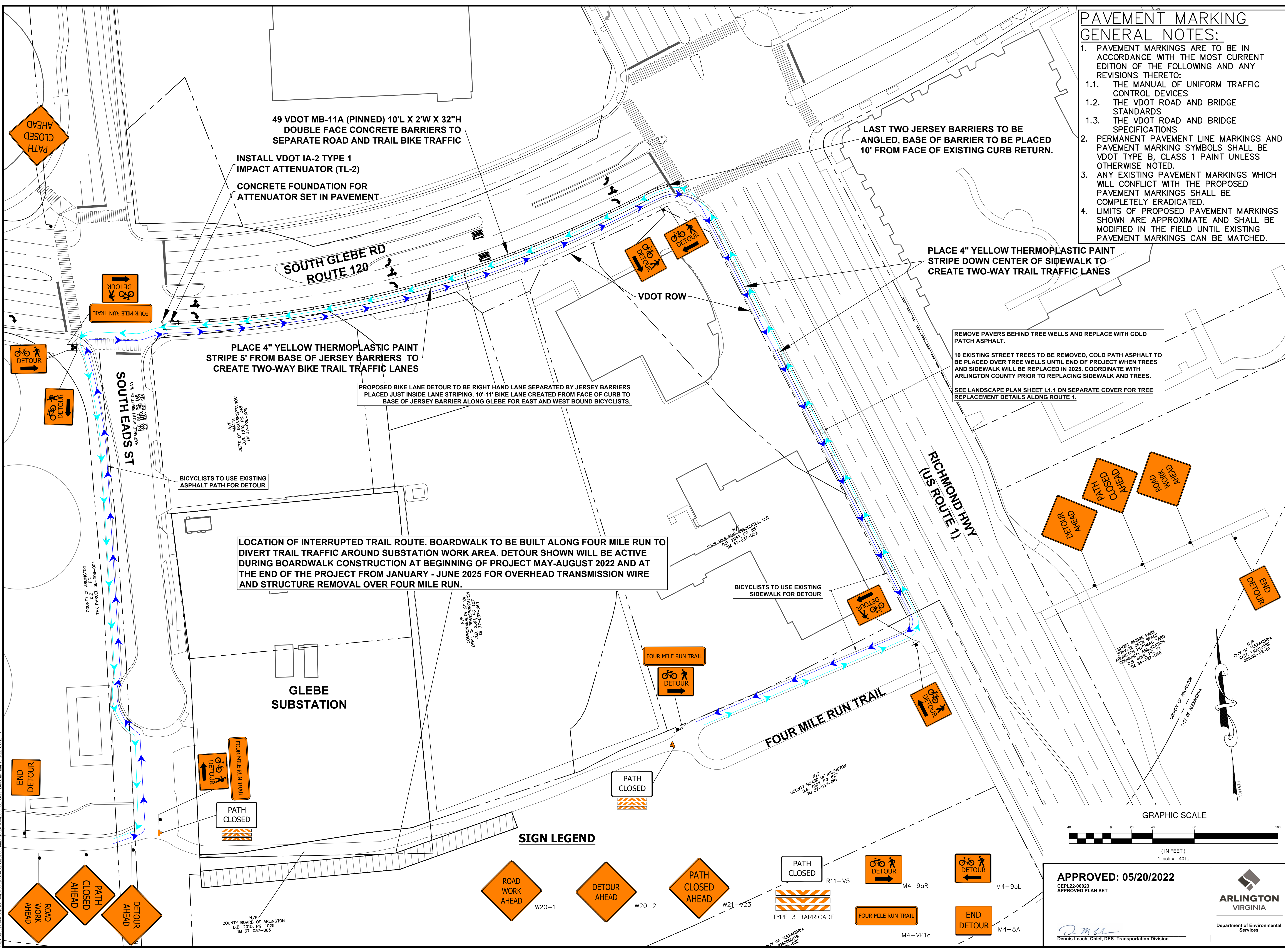
SIGN LEGEND

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 3225 SOUTH EADS STREET
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PLACE 4" YELLOW THERMOPLASTIC PAINT STRIPE DOWN CENTER OF SIDEWALK TO CREATE TWO-WAY TRAIL TRAFFIC LANES

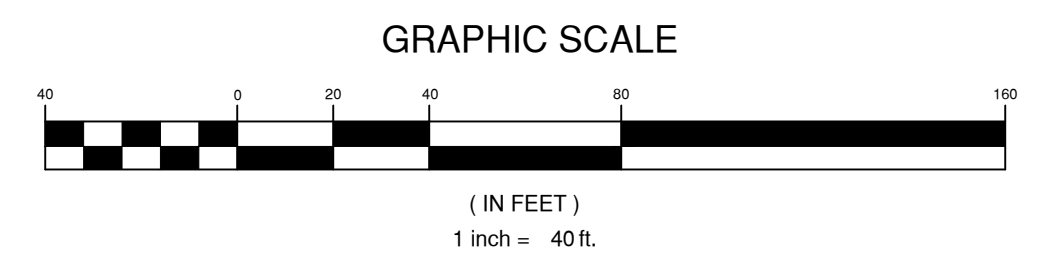
PLACE 4" YELLOW THERMOPLASTIC PAINT STRIPE 5' FROM BASE OF JERSEY BARRIERS TO CREATE TWO-WAY BIKE TRAIL TRAFFIC LANES

PROPOSED BIKE LANE DETOUR TO BE RIGHT HAND LANE SEPARATED BY JERSEY BARRIERS PLACED JUST INSIDE LANE STRIPING. 10'-11" BIKE LANE CREATED FROM FACE OF CURB TO BASE OF JERSEY BARRIER ALONG GLEBE FOR EAST AND WEST BOUND BICYCLISTS.

REMOVE PAVERS BEHIND TREE WELLS AND REPLACE WITH COLD PATCH ASPHALT.
 10 EXISTING STREET TREES TO BE REMOVED, COLD PATCH ASPHALT TO BE PLACED OVER TREE WELLS UNTIL END OF PROJECT WHEN TREES AND SIDEWALK WILL BE REPLACED IN 2025. COORDINATE WITH ARLINGTON COUNTY PRIOR TO REPLACING SIDEWALK AND TREES.
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Dennis Leach, Chief, DES-Transportation Division

SCALE: 1" = 40'
 DATE: 04/29/2022
 PROJECT NUMBER: CEPL22-00023
 SHEET TITLE: C7.5 - BIKE DETOUR
 SHEET #: 33