

CITY OF RICHMOND, VIRGINIA

DEPARTMENT OF PUBLIC WORKS

TRANSPORTATION ENGINEERING DIVISION



Bike Infrastructure / Roadway Conversion Project

Marshall Street Bike Lane

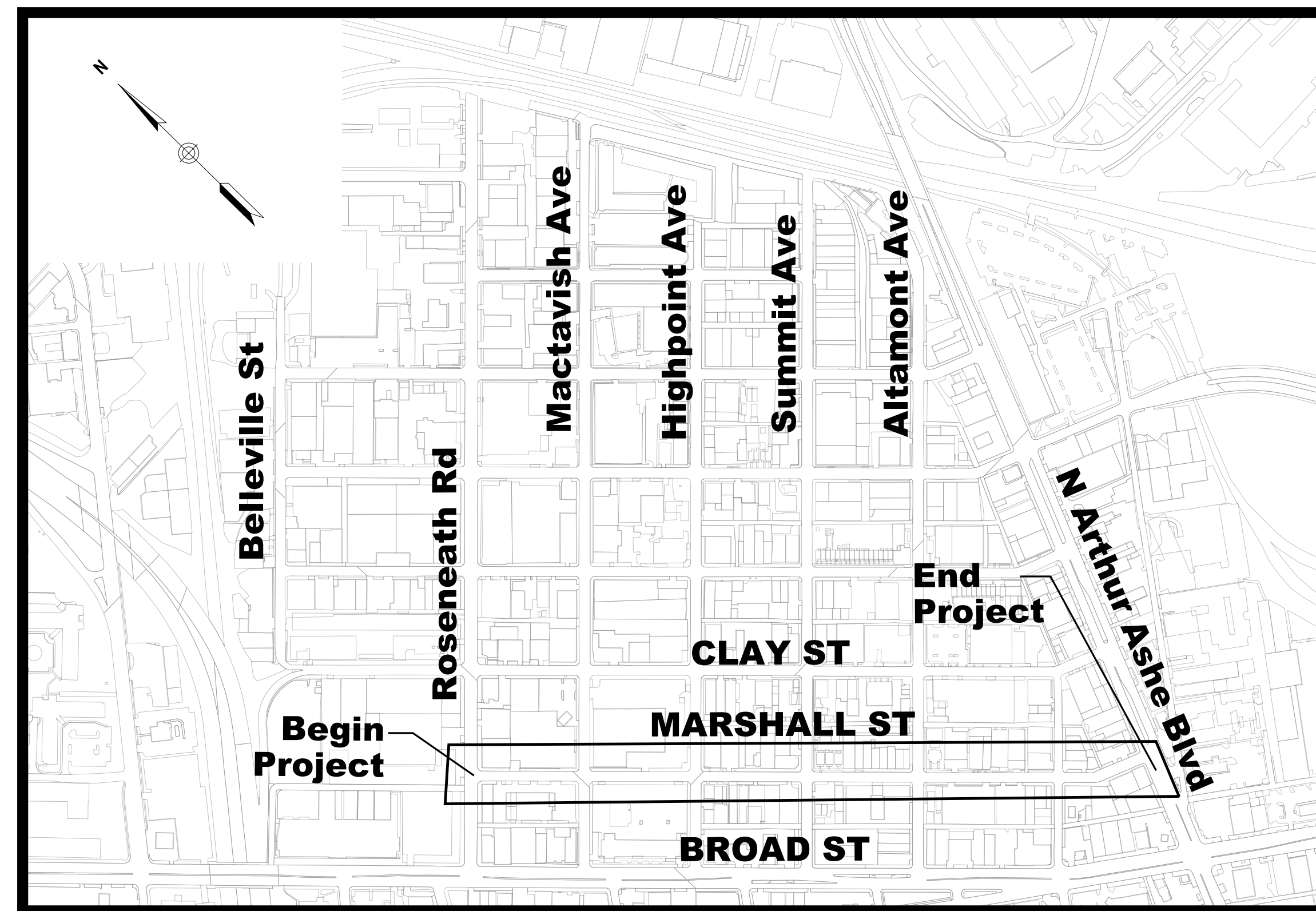
Roseneath Road To Arthur Ashe Boulevard

VHB, Inc
Richmond, Virginia
PROFESSIONAL ENGINEER

CITY OF RICHMOND	
APPROVED FOR CONSTRUCTION	
DATE	SURVEYS SUPERINTENDENT
DATE	PROJECT MANAGER
DATE	MAINTENANCE ENGINEER
DATE	CITY TRANSPORTATION ENGINEER
DATE	CAPITAL PROJECTS ADMINISTRATOR
DATE	CITY ENGINEER
DATE	DIRECTOR OF PUBLIC WORKS

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- NOTES:
1. ALL WORK IS WITHIN THE EXISTING RIGHT OF WAY.
 2. DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE CITY OF RICHMOND.
 3. THIS PROJECT IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE 2016 VDOT ROAD AND BRIDGE SPECIFICATIONS, 2016 VDOT ROAD AND BRIDGE STANDARDS, 2009 FHWA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) , 2011 VIRGINIA SUPPLEMENT TO THE MUTCD (REVISION 1), 2011 VIRGINIA WORK AREA PROTECTION MANUAL (REVISION 2), APPLICABLE CITY OF RICHMOND STANDARDS AND SPECIFICATIONS, AND AS AMENDED BY CONTRACT PROVISIONS AND THE COMPLETE ELECTRONIC VERSION OF THE PLAN ASSEMBLY.
 4. PROJECT BASE MAPPING WAS OBTAINED FROM THE CITY OF RICHMOND GIS WEBSITE AND WAS NOT FIELD SURVEYED TO VERIFY ACCURACY. CONTRACTOR SHALL FIELD VERIFY WIDTHS PRIOR TO INSTALLATION OF PROPOSED PAVEMENT MARKINGS.



CITY OF RICHMOND
DEPT. OF PUBLIC WORKS
RICHMOND, VA

LOCATION MAP
NTS
August 2022

REVISIONS		
NO.	DATE	COMMENTS



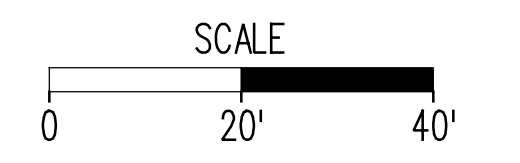


115 South 15th Street
Suite 200
Richmond, VA 23219
804.343.7100

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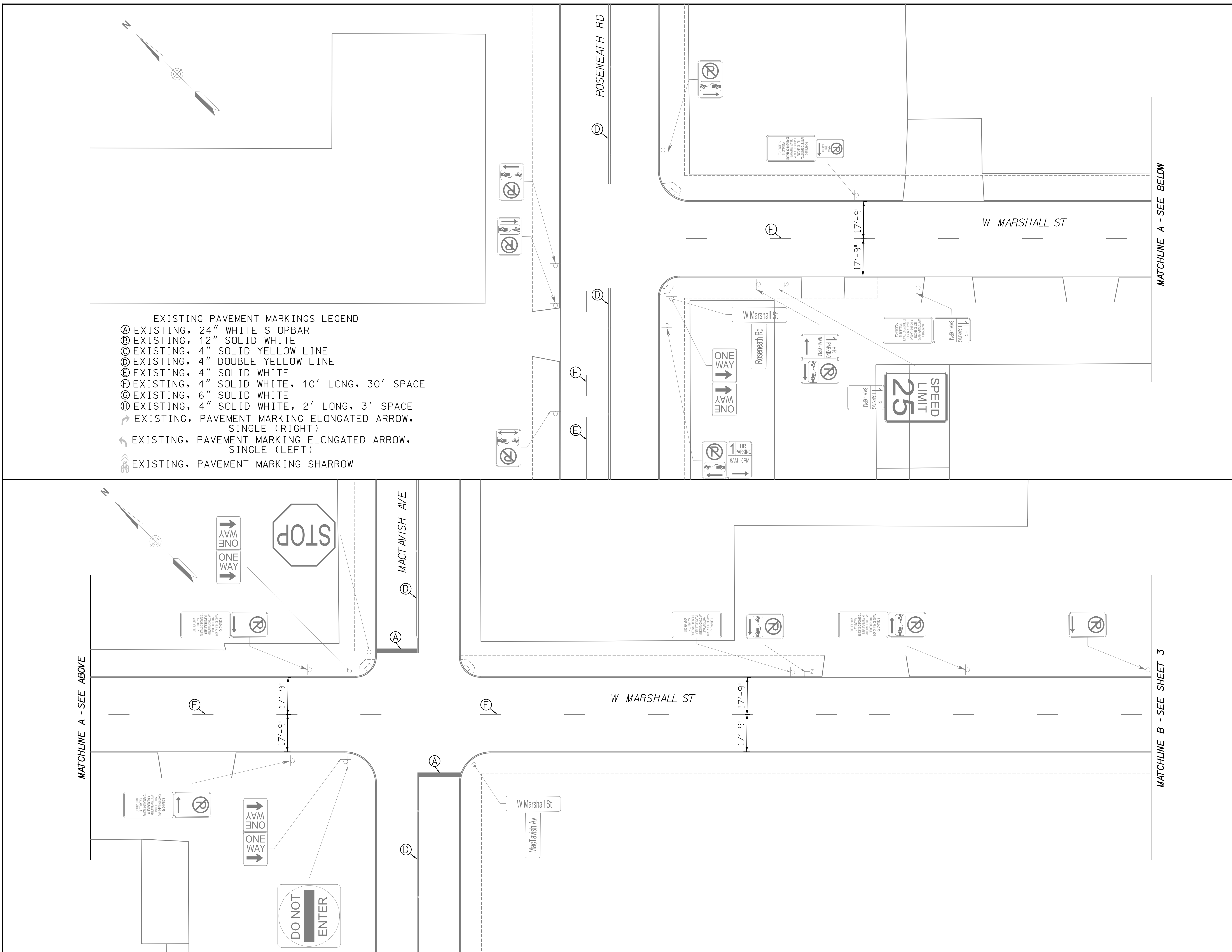
No.	Revision	Date	Apprv.

Designed by	RSS	Checked by	JLB
Issued for	Detailed Design	Date	August 2022



Drawing Title
Existing Conditions

VHB, Inc Richmond, Virginia PROFESSIONAL ENGINEER	PROJECT 34965.26	SHEET NO. 2
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- EXISTING PAVEMENT MARKINGS LEGEND**
- Ⓐ EXISTING, 24" WHITE STOPBAR
 - Ⓑ EXISTING, 12" SOLID WHITE
 - Ⓒ EXISTING, 4" SOLID YELLOW LINE
 - Ⓓ EXISTING, 4" DOUBLE YELLOW LINE
 - Ⓔ EXISTING, 4" SOLID WHITE
 - Ⓕ EXISTING, 4" SOLID WHITE, 10' LONG, 30' SPACE
 - Ⓖ EXISTING, 6" SOLID WHITE
 - Ⓗ EXISTING, 4" SOLID WHITE, 2' LONG, 3' SPACE
 - ➔ EXISTING, PAVEMENT MARKING ELONGATED ARROW, SINGLE (RIGHT)
 - ➜ EXISTING, PAVEMENT MARKING ELONGATED ARROW, SINGLE (LEFT)
 - 🚲 EXISTING, PAVEMENT MARKING SHARROW

\$DON/\$
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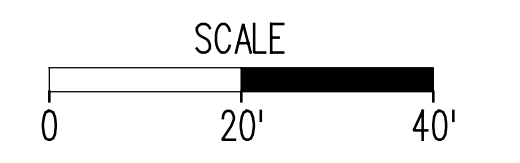


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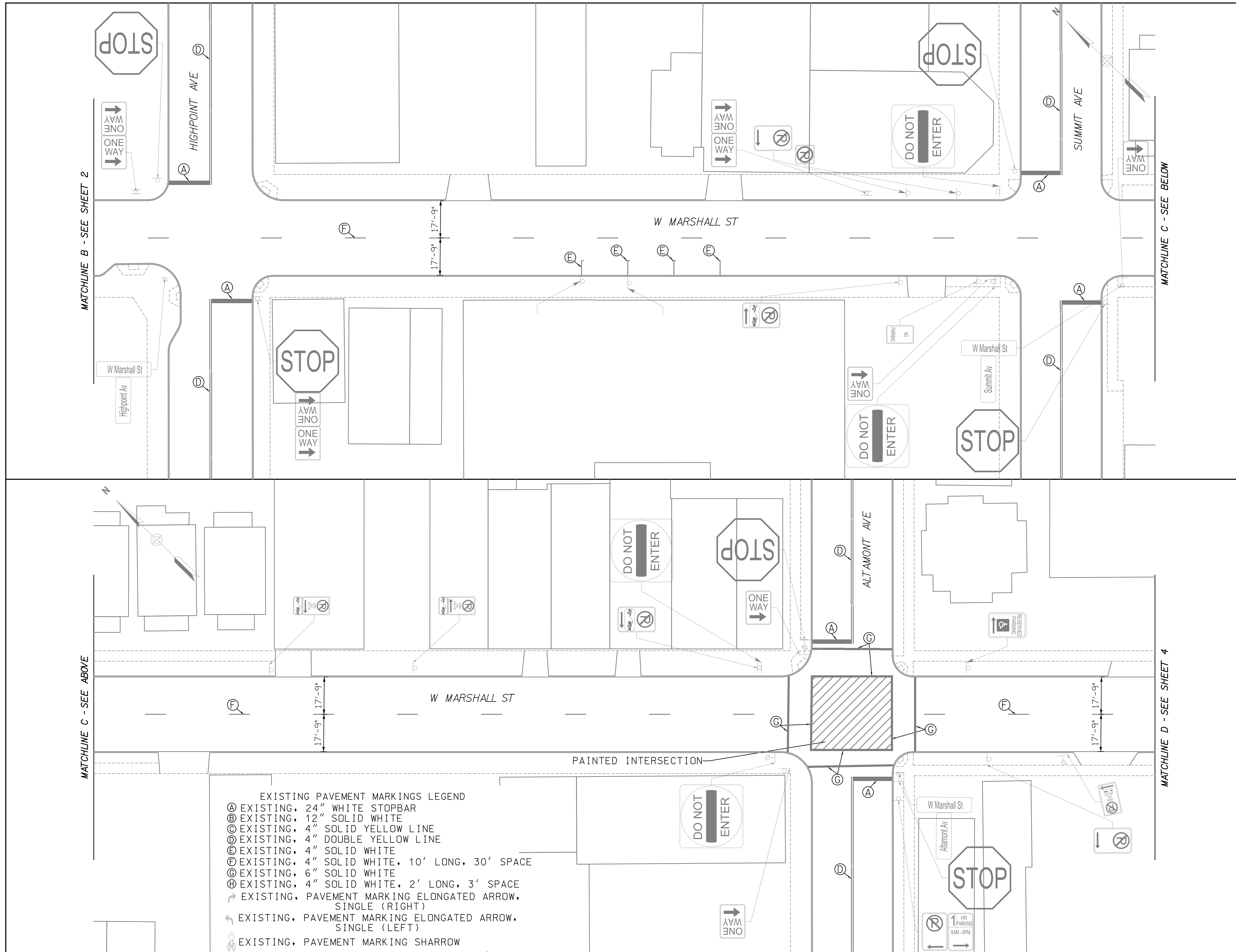
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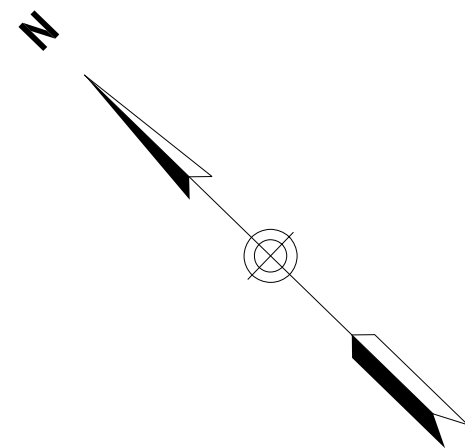
Drawing Title
Existing Conditions

VHB, Inc Richmond, Virginia PROFESSIONAL ENGINEER	PROJECT 34965.26	SHEET NO. 3
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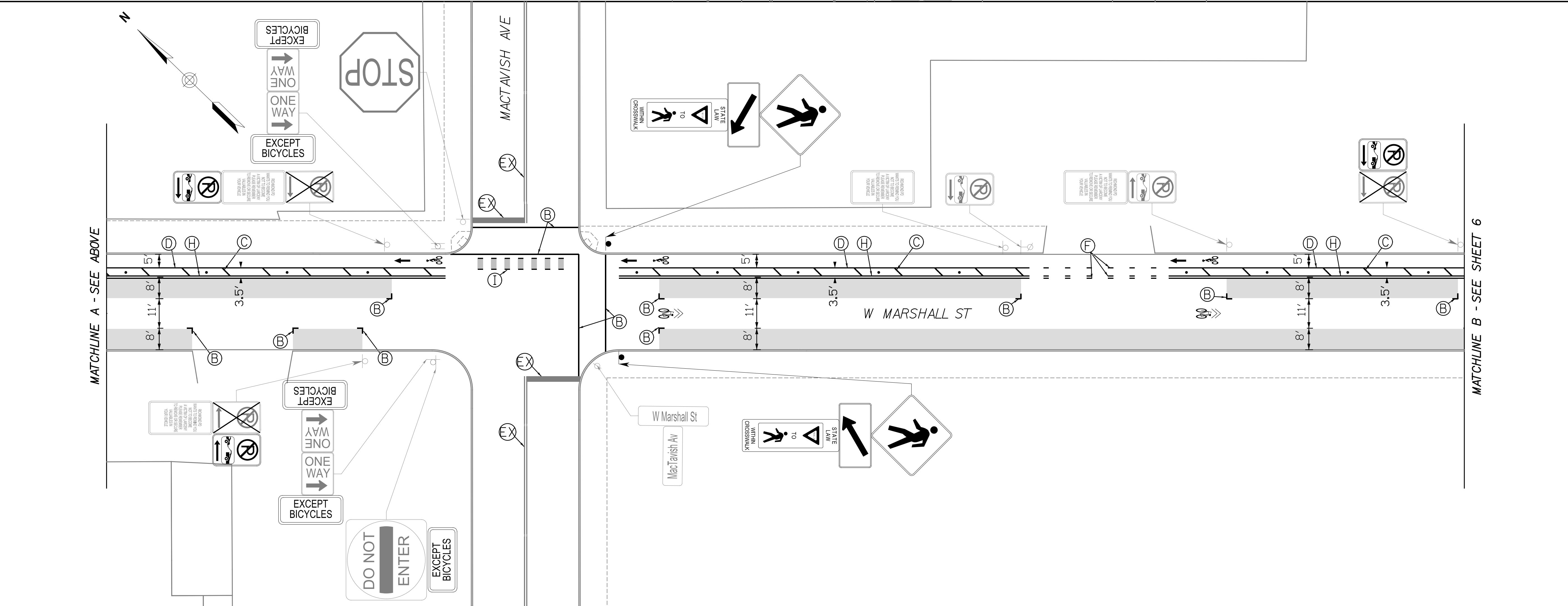
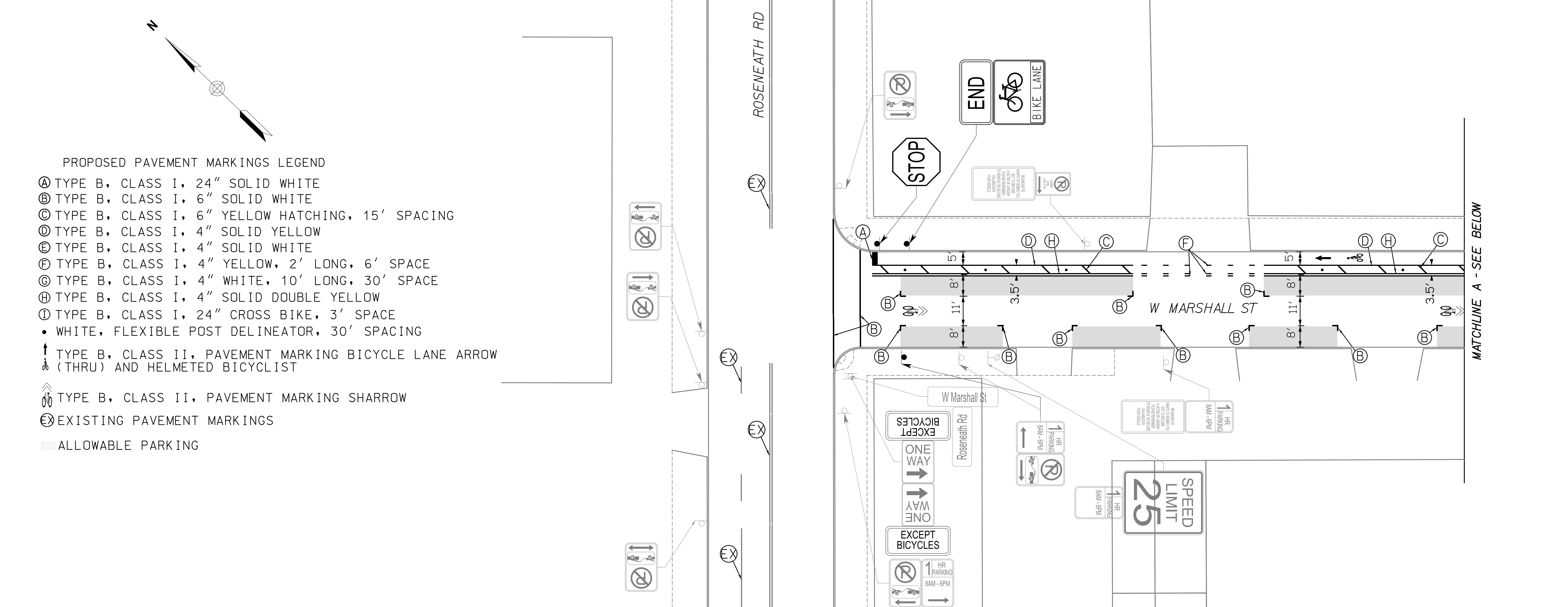
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 - EXISTING, PAVEMENT MARKING ELONGATED ARROW, SINGLE (RIGHT)
 - EXISTING, PAVEMENT MARKING ELONGATED ARROW, SINGLE (LEFT)
 - 🚲 EXISTING, PAVEMENT MARKING SHARROW

\$/DAY \$
\$/HOUR \$



PROPOSED PAVEMENT MARKINGS LEGEND

- Ⓐ TYPE B, CLASS I, 24" SOLID WHITE
- Ⓑ TYPE B, CLASS I, 6" SOLID WHITE
- Ⓒ TYPE B, CLASS I, 6" YELLOW HATCHING, 15' SPACING
- Ⓓ TYPE B, CLASS I, 4" SOLID YELLOW
- Ⓔ TYPE B, CLASS I, 4" SOLID WHITE
- Ⓕ TYPE B, CLASS I, 4" YELLOW, 2' LONG, 6' SPACE
- Ⓖ TYPE B, CLASS I, 4" WHITE, 10' LONG, 30' SPACE
- Ⓗ TYPE B, CLASS I, 4" SOLID DOUBLE YELLOW
- Ⓚ TYPE B, CLASS I, 24" CROSS BIKE, 3' SPACE
- WHITE, FLEXIBLE POST DELINEATOR, 30' SPACING
- ↑ TYPE B, CLASS II, PAVEMENT MARKING BICYCLE LANE ARROW (THRU) AND HELMETED BICYCLIST
- ↔ TYPE B, CLASS II, PAVEMENT MARKING SHARROW
- ⓧ EXISTING PAVEMENT MARKINGS
- ▭ ALLOWABLE PARKING

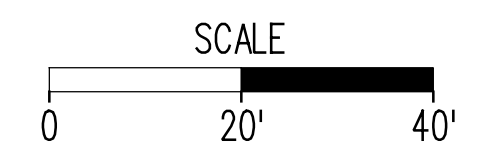


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Drawing Title
Proposed Conditions

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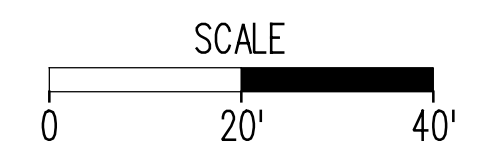


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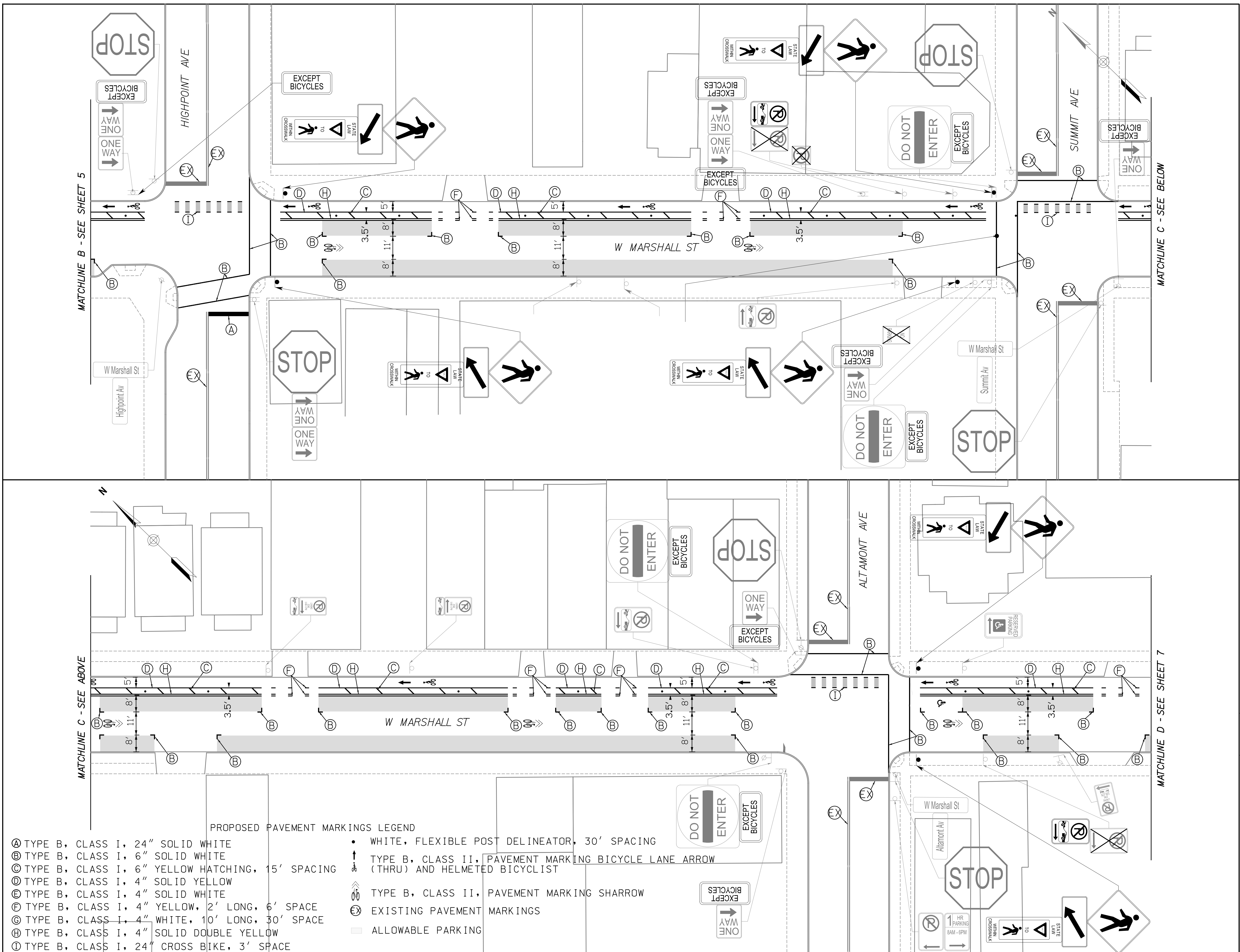
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PROPOSED PAVEMENT MARKINGS LEGEND

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- Ⓑ TYPE B, CLASS I, 6" SOLID WHITE
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- ↗ TYPE B, CLASS II, PAVEMENT MARKING SHARROW
- Ⓧ EXISTING PAVEMENT MARKINGS
- ▭ ALLOWABLE PARKING

\$/DAY/\$
\$/HOUR/LEV

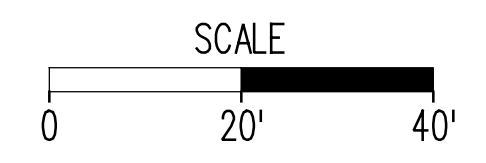


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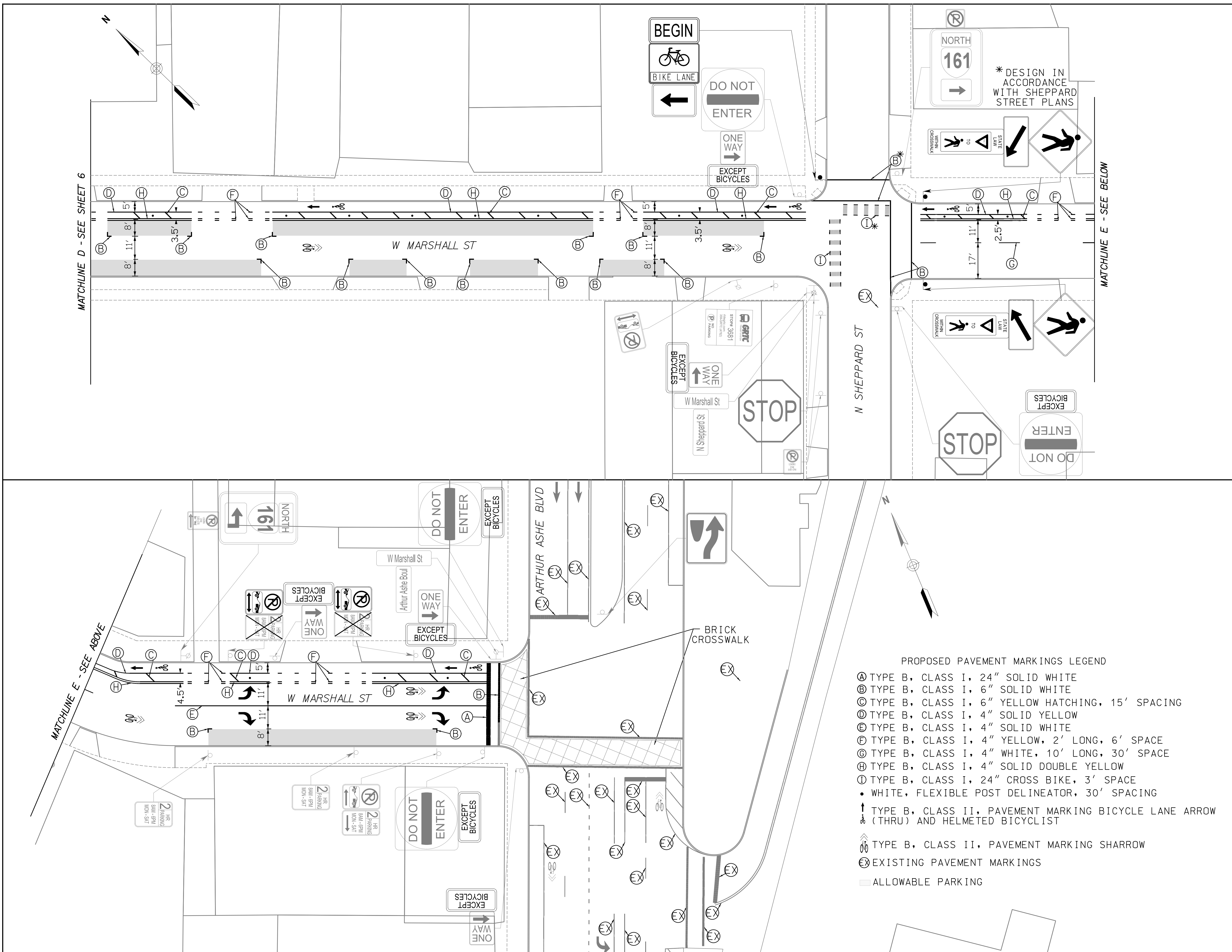
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Proposed Conditions

VHB, Inc. Richmond, Virginia PROFESSIONAL ENGINEER	PROJECT 34965.26	SHEET NO. 7
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- #### PROPOSED PAVEMENT MARKINGS LEGEND
- Ⓐ TYPE B, CLASS I, 24" SOLID WHITE
 - Ⓑ TYPE B, CLASS I, 6" SOLID WHITE
 - Ⓒ TYPE B, CLASS I, 6" YELLOW HATCHING, 15' SPACING
 - Ⓓ TYPE B, CLASS I, 4" SOLID YELLOW
 - Ⓔ TYPE B, CLASS I, 4" SOLID WHITE
 - Ⓕ TYPE B, CLASS I, 4" YELLOW, 2' LONG, 6' SPACE
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 - Ⓖ TYPE B, CLASS I, 4" SOLID DOUBLE YELLOW
 - Ⓛ TYPE B, CLASS I, 24" CROSS BIKE, 3' SPACE
 - WHITE, FLEXIBLE POST DELINEATOR, 30' SPACING
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 - ↗ TYPE B, CLASS II, PAVEMENT MARKING SHARROW
 - Ⓧ EXISTING PAVEMENT MARKINGS
 - ▭ ALLOWABLE PARKING

\$/DAY/\$
\$/HOUR/LEV