

MATCH LINE - SEE DD - 64 STA. 5004+50.00

MATCH LINE - SEE DD - 66 STA. 5013+00.00

LEGEND

| | | | |
|--|---|--|---|
| | PROPOSED DRAINAGE STRUCTURE | | PROPOSED 48" RCP DRAINAGE PIPE |
| | EX. AERIAL/STREETVIEW DRAINAGE STRUCTURE TO CONNECT TO PROP. SYSTEM | | ASSUMED EX. DRAINAGE PIPE TO CONNECT TO PROPOSED SYSTEM |
| | EXISTING DRAINAGE STRUCTURE | | EXISTING DRAINAGE PIPE |
| | EXISTING DRAINAGE STRUCTURE TO REMAIN FUNCTIONAL | | EXISTING DRAINAGE PIPE TO REMAIN FUNCTIONAL |
| | EXISTING DRAINAGE STRUCTURE TO BE ABANDONED / REMOVED | | EXISTING DRAINAGE PIPE TO BE ABANDONED / REMOVED |

GENERAL STORM DRAIN LABEL NOTES:
 1. PROPOSED STORM DRAIN SIZES HAVE BEEN ESTIMATED AT THIS PHASE AND ARE SUBJECT TO CHANGE WHEN CALCULATIONS, PROFILES, AND HGLS ARE DEVELOPED.
 2. ATTEMPTS HAVE BEEN MADE TO UTILIZE EXISTING STORM DRAIN PIPES TO THE EXTENT PRACTICAL.
 3. WHEN CALCULATIONS, PROFILES, AND HGLS ARE DEVELOPED IT MAY BE DETERMINED THAT THE EXISTING STORM DRAIN PIPE DOES NOT FUNCTION ADEQUATELY AND MAY NEED TO BE REPLACED.
 4. EXISTING STORM DRAIN PIPES AND STRUCTURES TO REMAIN IN PLACE AND ONLINE WILL NEED TO BE INSPECTED AT A LATER PHASE TO DETERMINE THEIR CURRENT CONDITIONS AND MAY NEED TO BE CLEANED, REPAIRED, OR REPLACED.



PROFESSIONAL CERTIFICATION:
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
 LICENSE NO. _____ EXPIRATION DATE: _____

| NO. | REVISION | DATE | BY |
|-----|----------|------|----|
| | | | |
| | | | |

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION
 DIVISION OF TRANSPORTATION ENGINEERING
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL
 SEE TITLE SHEET FOR SIGNATURES
 Chief, Design Section
 Date _____

APPROVED
 SEE TITLE SHEET FOR SIGNATURES
 Chief, Division of Transportation Engineering
 Date _____

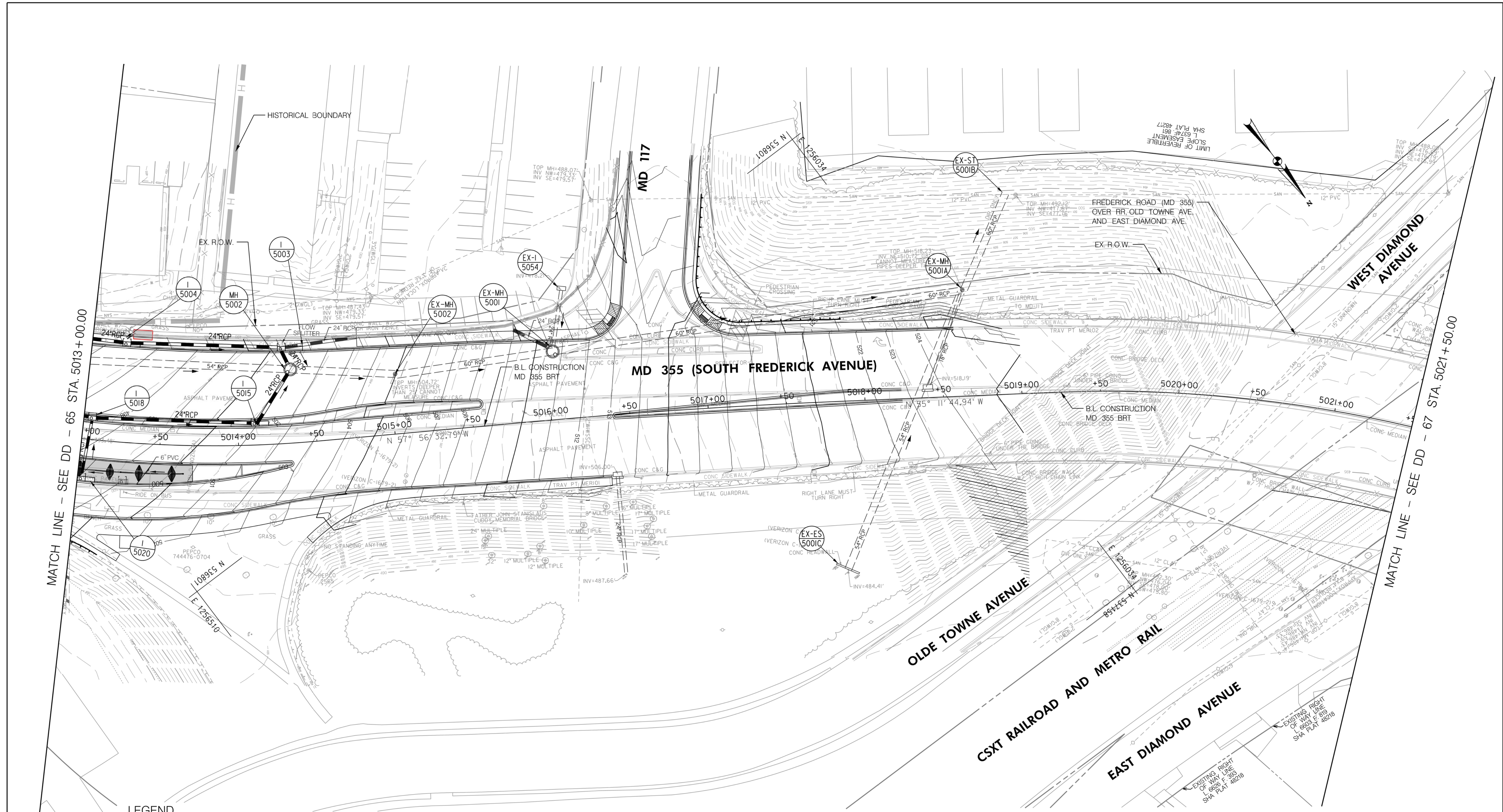
Designed by: _____ Drawn by: _____ Checked by: _____

MD 355 BUS RAPID TRANSIT (BRT)
 DRAINAGE PLAN
 SEGMENT 5

SCALE : 1" = 30'
 DATE : DECEMBER 2022

Project No. : 502005 SHEET 481 of 887

DD-65



MATCH LINE - SEE DD - 65 STA. 5013 + 00.00

MATCH LINE - SEE DD - 67 STA. 5021 + 50.00

LEGEND

- PROPOSED DRAINAGE STRUCTURE
- PROPOSED DRAINAGE PIPE
- ASSUMED EX. DRAINAGE PIPE TO CONNECT TO PROPOSED SYSTEM
- EXISTING DRAINAGE STRUCTURE
- EXISTING DRAINAGE PIPE
- EXISTING DRAINAGE STRUCTURE TO REMAIN FUNCTIONAL
- EXISTING DRAINAGE PIPE TO REMAIN FUNCTIONAL
- EXISTING DRAINAGE STRUCTURE TO BE ABANDONED / REMOVED
- EXISTING DRAINAGE PIPE TO BE ABANDONED / REMOVED

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 LICENSE NO. _____ EXPIRATION DATE: _____

| NO. | REVISION | DATE | BY |
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MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION
 DIVISION OF TRANSPORTATION ENGINEERING
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL
 SEE TITLE SHEET FOR SIGNATURES
 Chief, Design Section
 Date _____

APPROVED
 SEE TITLE SHEET FOR SIGNATURES
 Chief, Division of Transportation Engineering
 Date _____

Designed by: _____ Drawn by: _____ Checked by: _____

MD 355 BUS RAPID TRANSIT (BRT)
 DRAINAGE PLAN
 SEGMENT 5

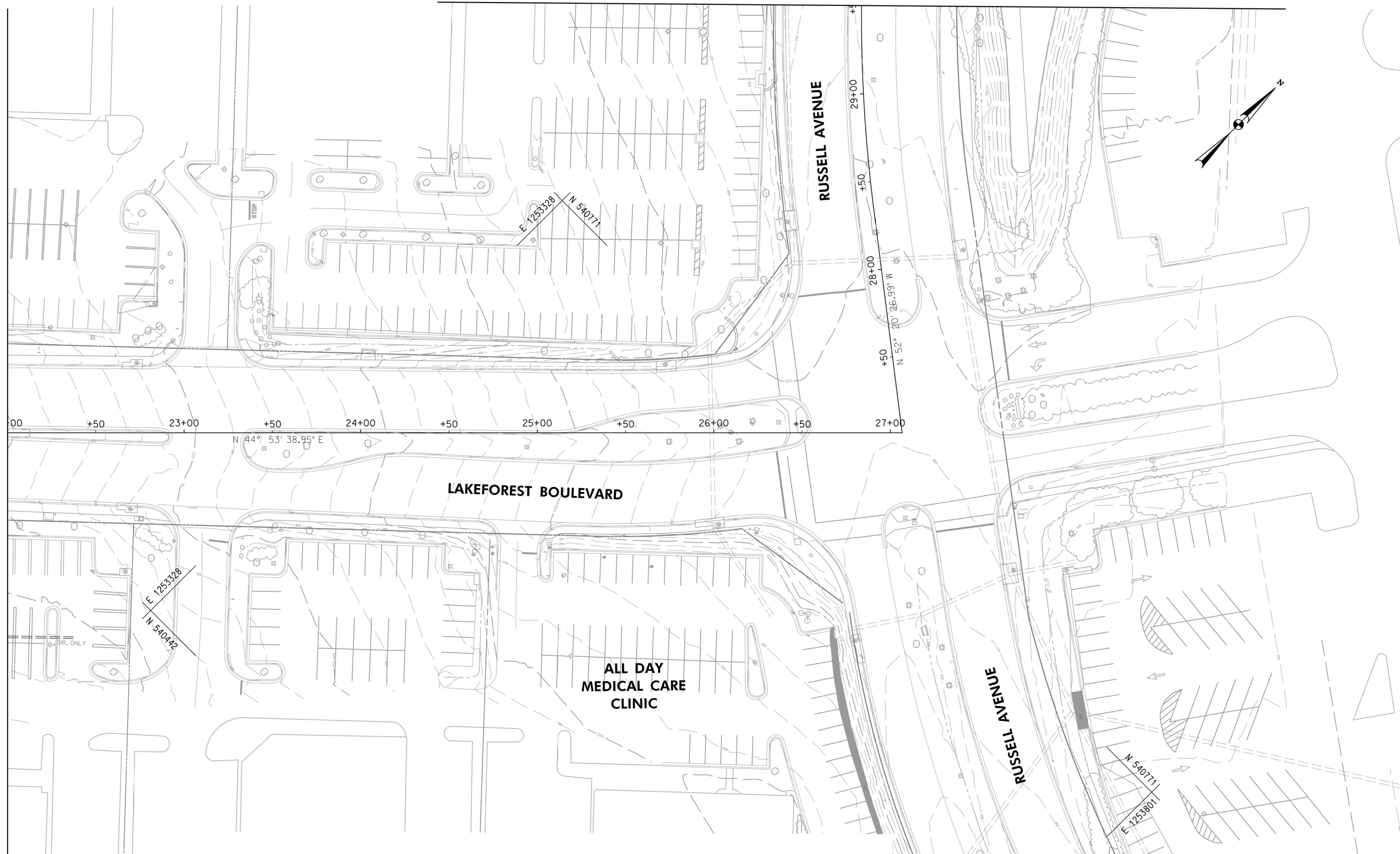
SCALE : 1" = 30'
 DATE : DECEMBER 2022

Project No. : 502005 SHEET 482 of 887

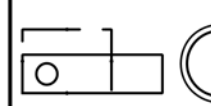
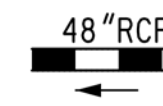
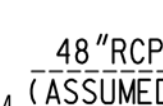


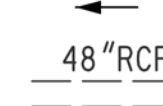
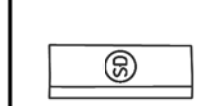

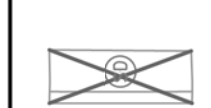
NOTE: NO ROADWAY AND DRAINAGE PROPOSED ON THIS SHEET.
SHEETS INTEND TO SHOW BRT ROUTES.

MATCH LINE - SEE DD - 66B STA. 29+50.00

MATCH LINE - SEE DD - 66 STA. 22+00.00



LEGEND

-  PROPOSED DRAINAGE STRUCTURE
-  48" RCP PROPOSED DRAINAGE PIPE
-  48" RCP (ASSUMED) ASSUMED EX. DRAINAGE PIPE TO CONNECT TO PROPOSED SYSTEM
-  EXISTING DRAINAGE STRUCTURE
-  48" RCP EXISTING DRAINAGE PIPE
-  48" RCP EXISTING DRAINAGE PIPE TO REMAIN FUNCTIONAL
-  EXISTING DRAINAGE STRUCTURE TO REMAIN FUNCTIONAL
-  EXISTING DRAINAGE PIPE TO BE ABANDONED / REMOVED
-  EXISTING DRAINAGE STRUCTURE TO BE ABANDONED / REMOVED

GENERAL STORM DRAIN LABEL NOTES:

1. PROPOSED STORM DRAIN SIZES HAVE BEEN ESTIMATED AT THIS PHASE AND ARE SUBJECT TO CHANGE WHEN CALCULATIONS, PROFILES, AND HGLS ARE DEVELOPED.
2. ATTEMPTS HAVE BEEN MADE TO UTILIZE EXISTING STORM DRAIN PIPES TO THE EXTENT PRACTICAL.
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PROFESSIONAL CERTIFICATION:
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO: _____ EXPIRATION DATE: _____

| NO. | REVISION | DATE | BY |
|-----|----------|------|----|
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MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION
DIVISION OF TRANSPORTATION ENGINEERING
GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL
SEE TITLE SHEET FOR SIGNATURES
Chief, Design Section
APPROVED
SEE TITLE SHEET FOR SIGNATURES
Chief, Division of Transportation Engineering
Designed by: _____ Drawn by: _____ Checked by: _____

MD 355 BUS RAPID TRANSIT (BRT)

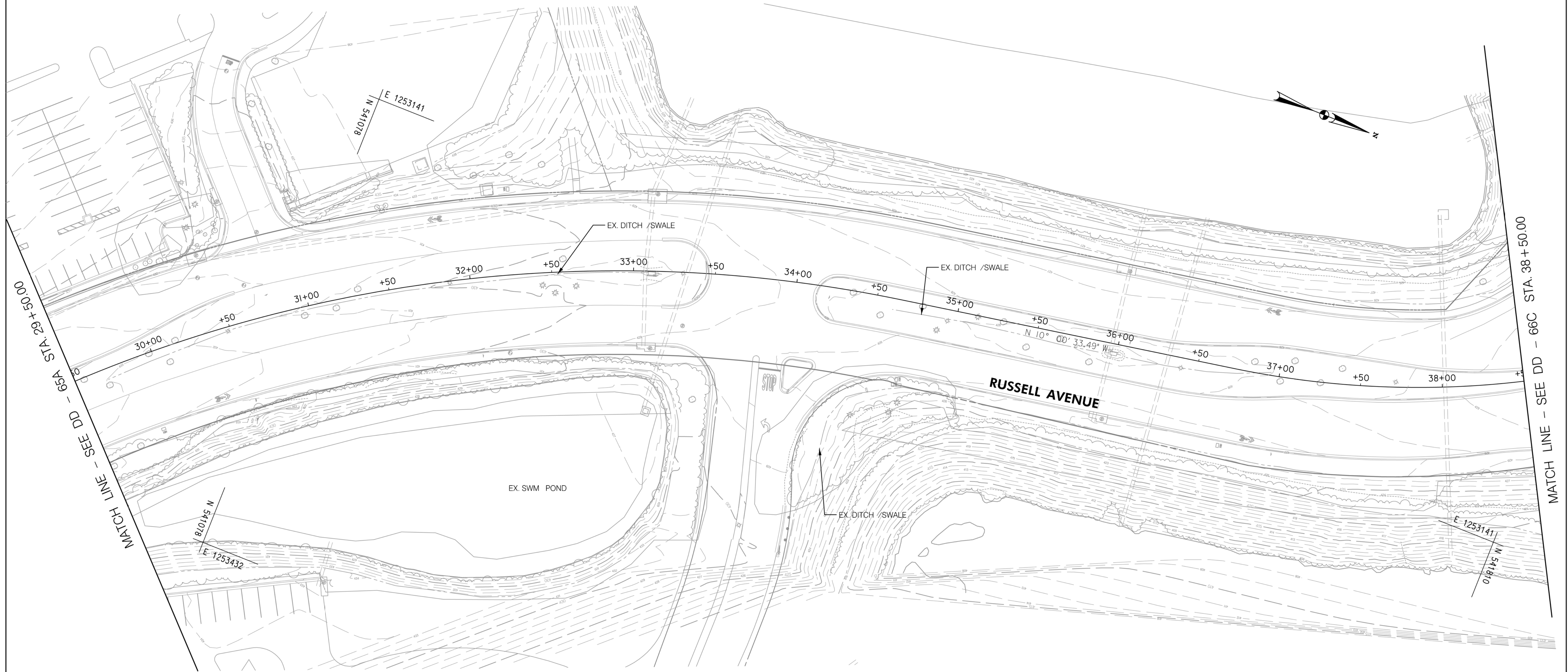
**DRAINAGE PLAN
SEGMENT 5**

SCALE : 1" = 30' DATE : DECEMBER 2022

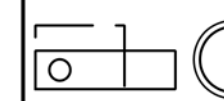
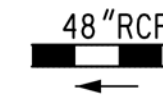
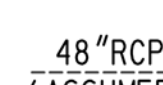



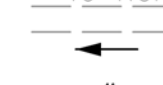
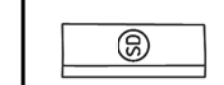
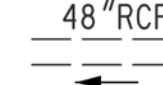
Project No. : 502005 SHEET 483 of 887

DD-66A

NOTE: NO ROADWAY AND DRAINAGE PROPOSED ON THIS SHEET.
SHEETS INTEND TO SHOW BRT ROUTES.



LEGEND

-  PROPOSED DRAINAGE STRUCTURE
-  48" RCP PROPOSED DRAINAGE PIPE
-  48" RCP (ASSUMED) ASSUMED EX. DRAINAGE PIPE TO CONNECT TO PROPOSED SYSTEM
-  EXISTING DRAINAGE STRUCTURE
-  48" RCP EXISTING DRAINAGE PIPE
-  EXISTING DRAINAGE STRUCTURE TO REMAIN FUNCTIONAL
-  48" RCP EXISTING DRAINAGE PIPE TO REMAIN FUNCTIONAL
-  EXISTING DRAINAGE STRUCTURE TO BE ABANDONED / REMOVED
-  48" RCP EXISTING DRAINAGE PIPE TO BE ABANDONED / REMOVED

GENERAL STORM DRAIN LABEL NOTES:
 1. PROPOSED STORM DRAIN SIZES HAVE BEEN ESTIMATED AT THIS PHASE AND ARE SUBJECT TO CHANGE WHEN CALCULATIONS, PROFILES, AND HGLS ARE DEVELOPED.
 2. ATTEMPTS HAVE BEEN MADE TO UTILIZE EXISTING STORM DRAIN PIPES TO THE EXTENT PRACTICAL.
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 4. EXISTING STORM DRAIN PIPES AND STRUCTURES TO REMAIN IN PLACE AND ONLINE WILL NEED TO BE INSPECTED AT A LATER PHASE TO DETERMINE THEIR CURRENT CONDITIONS AND MAY NEED TO BE CLEANED, REPAIRED, OR REPLACED.



PROFESSIONAL CERTIFICATION:
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
 LICENSE NO: _____ EXPIRATION DATE: _____

| NO. | REVISION | DATE | BY |
|-----|----------|------|----|
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MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION
 DIVISION OF TRANSPORTATION ENGINEERING
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL
 SEE TITLE SHEET FOR SIGNATURES
 Chief, Design Section
 APPROVED
 SEE TITLE SHEET FOR SIGNATURES
 Chief, Division of Transportation Engineering
 Designed by : _____ Drawn by : _____ Checked by : _____

MD 355 BUS RAPID TRANSIT (BRT)

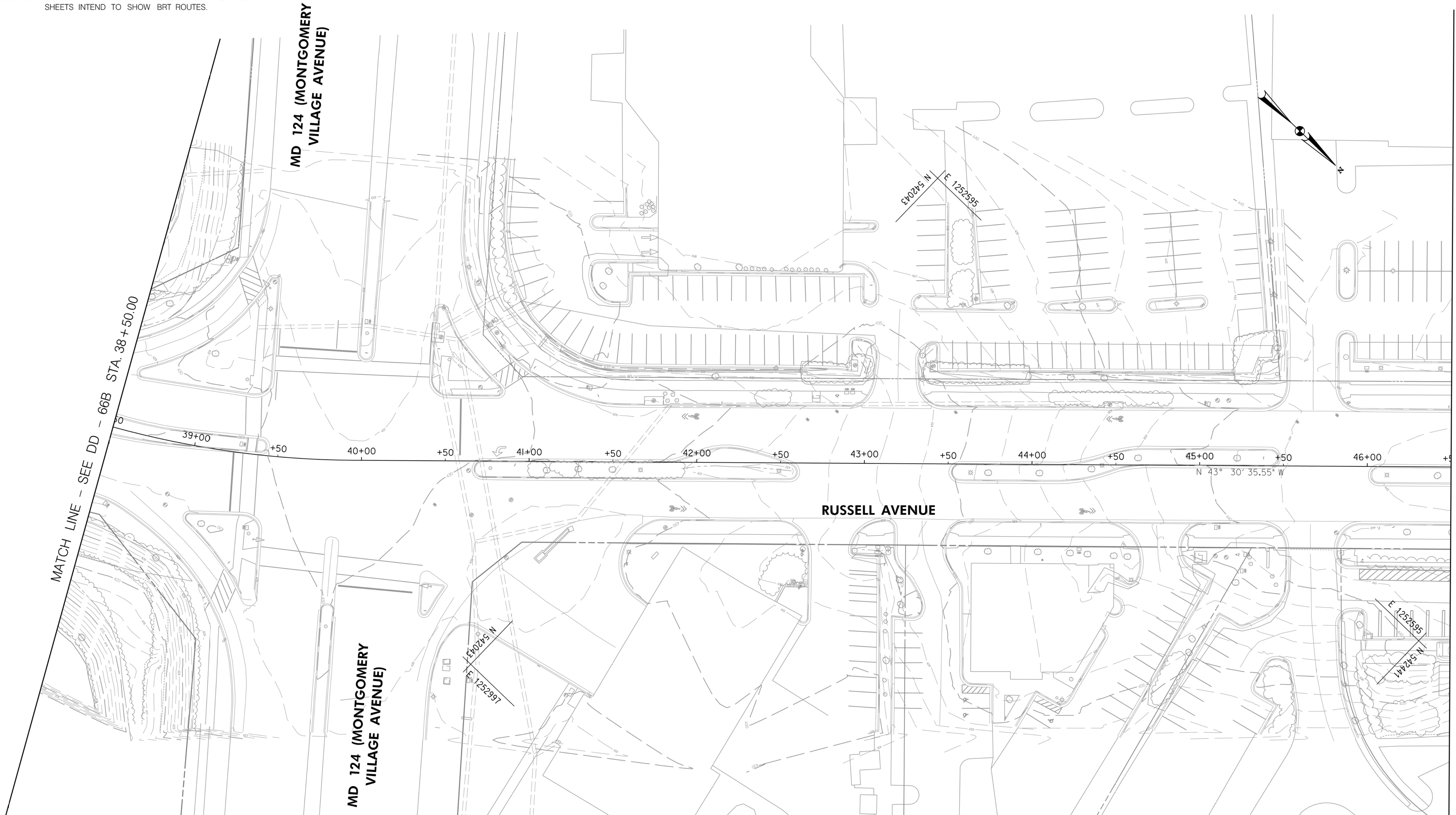
**DRAINAGE PLAN
SEGMENT 5**

SCALE : 1" = 30' DATE : DECEMBER 2022

Project No. : 502005 SHEET 484 of 887

DD-66B

NOTE: NO ROADWAY AND DRAINAGE PROPOSED ON THIS SHEET.
SHEETS INTEND TO SHOW BRT ROUTES.



LEGEND

- PROPOSED DRAINAGE STRUCTURE
- PROPOSED DRAINAGE PIPE
- ASSUMED EX. DRAINAGE PIPE TO CONNECT TO PROPOSED SYSTEM
- EXISTING DRAINAGE STRUCTURE
- EXISTING DRAINAGE PIPE
- EXISTING DRAINAGE STRUCTURE TO REMAIN FUNCTIONAL
- EXISTING DRAINAGE PIPE TO REMAIN FUNCTIONAL
- EXISTING DRAINAGE STRUCTURE TO BE ABANDONED / REMOVED
- EXISTING DRAINAGE PIPE TO BE ABANDONED / REMOVED

GENERAL STORM DRAIN LABEL NOTES:
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 5. PROPOSED DRAINAGE IS PROVIDED ONLY WHERE THERE PROPOSED ROADWAY IMPROVEMENTS IMPACTS THE EXISTING DRAINAGE SYSTEM. SOME SHEETS EXIST TO SHOW BRT ROUTES, NEW BUS STATIONS, AND OTHER MINOR IMPROVEMENTS



PROFESSIONAL CERTIFICATION:
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 LICENSE NO: _____ EXPIRATION DATE: _____

| NO. | REVISION | DATE | BY |
|-----|----------|------|----|
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MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION
 DIVISION OF TRANSPORTATION ENGINEERING
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES
 Chief, Design Section _____ Date _____

APPROVED

SEE TITLE SHEET FOR SIGNATURES
 Chief, Division of Transportation Engineering _____ Date _____

Designed by: _____ Drawn by: _____ Checked by: _____

MD 355 BUS RAPID TRANSIT (BRT)

DRAINAGE PLAN
 SEGMENT 5

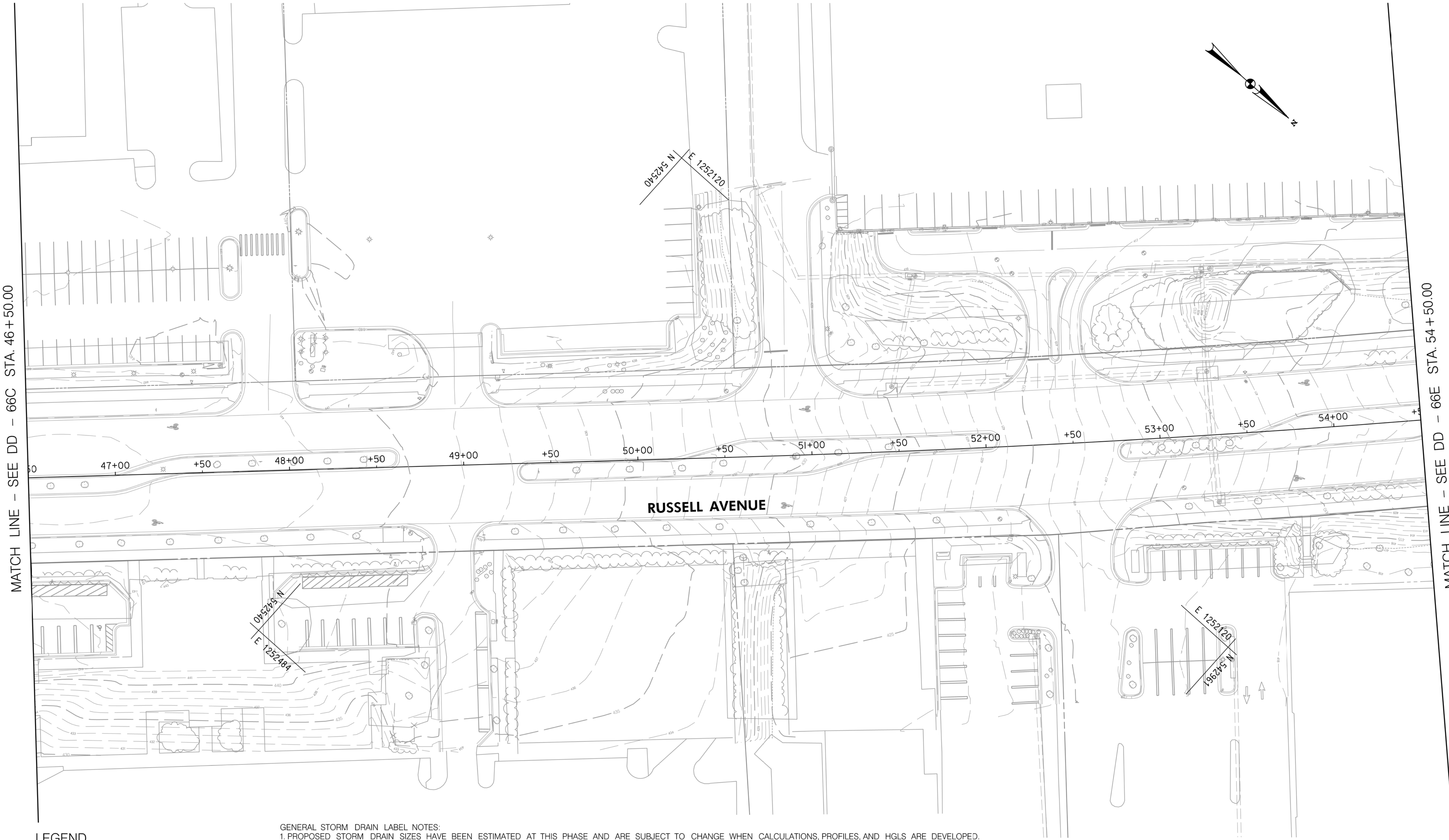
SCALE : 1" = 30'

DATE : DECEMBER 2022

Project No. : 502005 SHEET 485 of 887

DD-66C

NOTE: NO ROADWAY AND DRAINAGE PROPOSED ON THIS SHEET.
SHEETS INTEND TO SHOW BRT ROUTES.

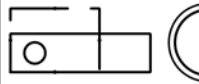
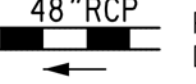









MATCH LINE - SEE DD - 66C STA. 46+50.00

MATCH LINE - SEE DD - 66E STA. 54+50.00

RUSSELL AVENUE

LEGEND

-  PROPOSED DRAINAGE STRUCTURE
-  48" RCP PROPOSED DRAINAGE PIPE
-  48" RCP (ASSUMED) ASSUMED EX. DRAINAGE PIPE TO CONNECT TO PROPOSED SYSTEM
-  EXISTING DRAINAGE STRUCTURE
-  48" RCP EXISTING DRAINAGE PIPE
-  EXISTING DRAINAGE STRUCTURE TO REMAIN FUNCTIONAL
-  48" RCP EXISTING DRAINAGE PIPE TO REMAIN FUNCTIONAL
-  EXISTING DRAINAGE STRUCTURE TO BE ABANDONED / REMOVED
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MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION
 DIVISION OF TRANSPORTATION ENGINEERING
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES
 Chief, Design Section _____ Date _____

APPROVED

SEE TITLE SHEET FOR SIGNATURES
 Chief, Division of Transportation Engineering _____ Date _____

Designed by : _____ Drawn by : _____ Checked by : _____

MD 355 BUS RAPID TRANSIT (BRT)

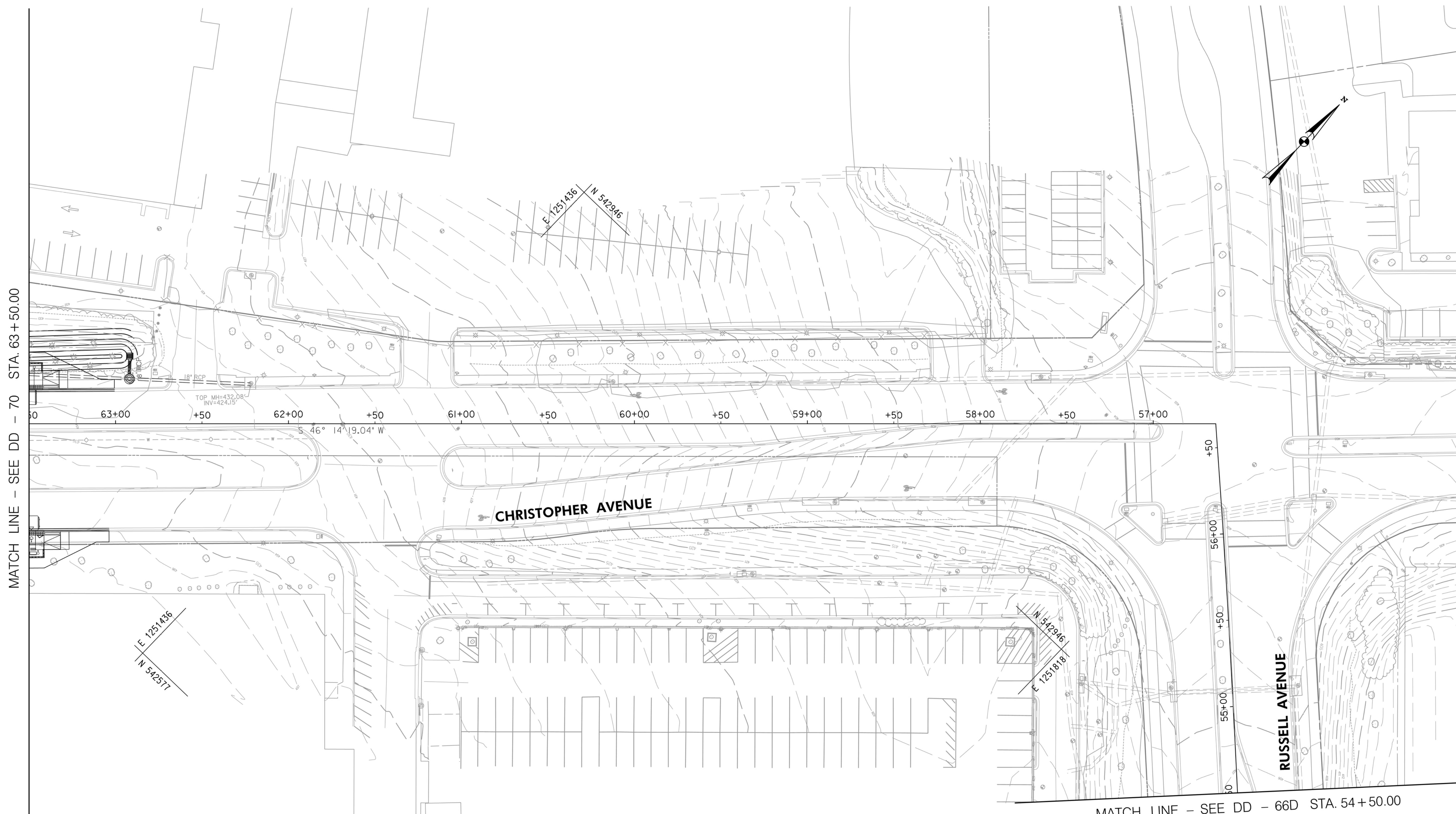
**DRAINAGE PLAN
 SEGMENT 5**

SCALE : 1" = 30' DATE : DECEMBER 2022

Project No. : 502005 SHEET 486 of 887

DD-66D

NOTE: NO ROADWAY AND DRAINAGE PROPOSED ON THIS SHEET.
SHEETS INTEND TO SHOW BRT ROUTES.



MATCH LINE - SEE DD - 70 STA. 63+50.00

MATCH LINE - SEE DD - 66D STA. 54+50.00

LEGEND

- | | | | |
|--|---|--|---|
| | PROPOSED DRAINAGE STRUCTURE | | PROPOSED DRAINAGE PIPE |
| | EX. AERIAL/STREETVIEW DRAINAGE STRUCTURE TO CONNECT TO PROP. SYSTEM | | ASSUMED EX. DRAINAGE PIPE TO CONNECT TO PROPOSED SYSTEM |
| | EXISTING DRAINAGE STRUCTURE | | EXISTING DRAINAGE PIPE |
| | EXISTING DRAINAGE STRUCTURE TO REMAIN FUNCTIONAL | | EXISTING DRAINAGE PIPE TO REMAIN FUNCTIONAL |
| | EXISTING DRAINAGE STRUCTURE TO BE ABANDONED / REMOVED | | EXISTING DRAINAGE PIPE TO BE ABANDONED / REMOVED |

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LICENSE NO: _____ EXPIRATION DATE: _____

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MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION
DIVISION OF TRANSPORTATION ENGINEERING
GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES
Chief, Design Section _____ Date _____

APPROVED

SEE TITLE SHEET FOR SIGNATURES
Chief, Division of Transportation Engineering _____ Date _____

Designed by : _____ Drawn by : _____ Checked by : _____

MD 355 BUS RAPID TRANSIT (BRT)

DRAINAGE PLAN
SEGMENT 5

SCALE : 1" = 30'
DATE : DECEMBER 2022

Project No. : 502005 SHEET 486A of 887

DD-66E

MATCH LINE - SEE DD - 66 STA. 5021+50.00

MATCH LINE - SEE DD - 68 STA. 5030+00.00



LEGEND

- PROPOSED DRAINAGE STRUCTURE
- PROPOSED DRAINAGE PIPE
- ASSUMED EX. DRAINAGE PIPE TO CONNECT TO PROPOSED SYSTEM
- EXISTING DRAINAGE STRUCTURE
- EXISTING DRAINAGE PIPE
- EXISTING DRAINAGE STRUCTURE TO REMAIN FUNCTIONAL
- EXISTING DRAINAGE PIPE TO REMAIN FUNCTIONAL
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Stantec
 6110 FROST PLACE,
 LAUREL, MARYLAND 20707
 (301) 962-2800
 www.stantec.com

PROFESSIONAL CERTIFICATION:
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 LICENSE NO. _____ EXPIRATION DATE: _____

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MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION
 DIVISION OF TRANSPORTATION ENGINEERING
 GAITHERSBURG, MARYLAND

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 Chief, Design Section _____ Date _____

APPROVED
 SEE TITLE SHEET FOR SIGNATURES
 Chief, Division of Transportation Engineering _____ Date _____

Designed by: _____ Drawn by: _____ Checked by: _____

MD 355 BUS RAPID TRANSIT (BRT)

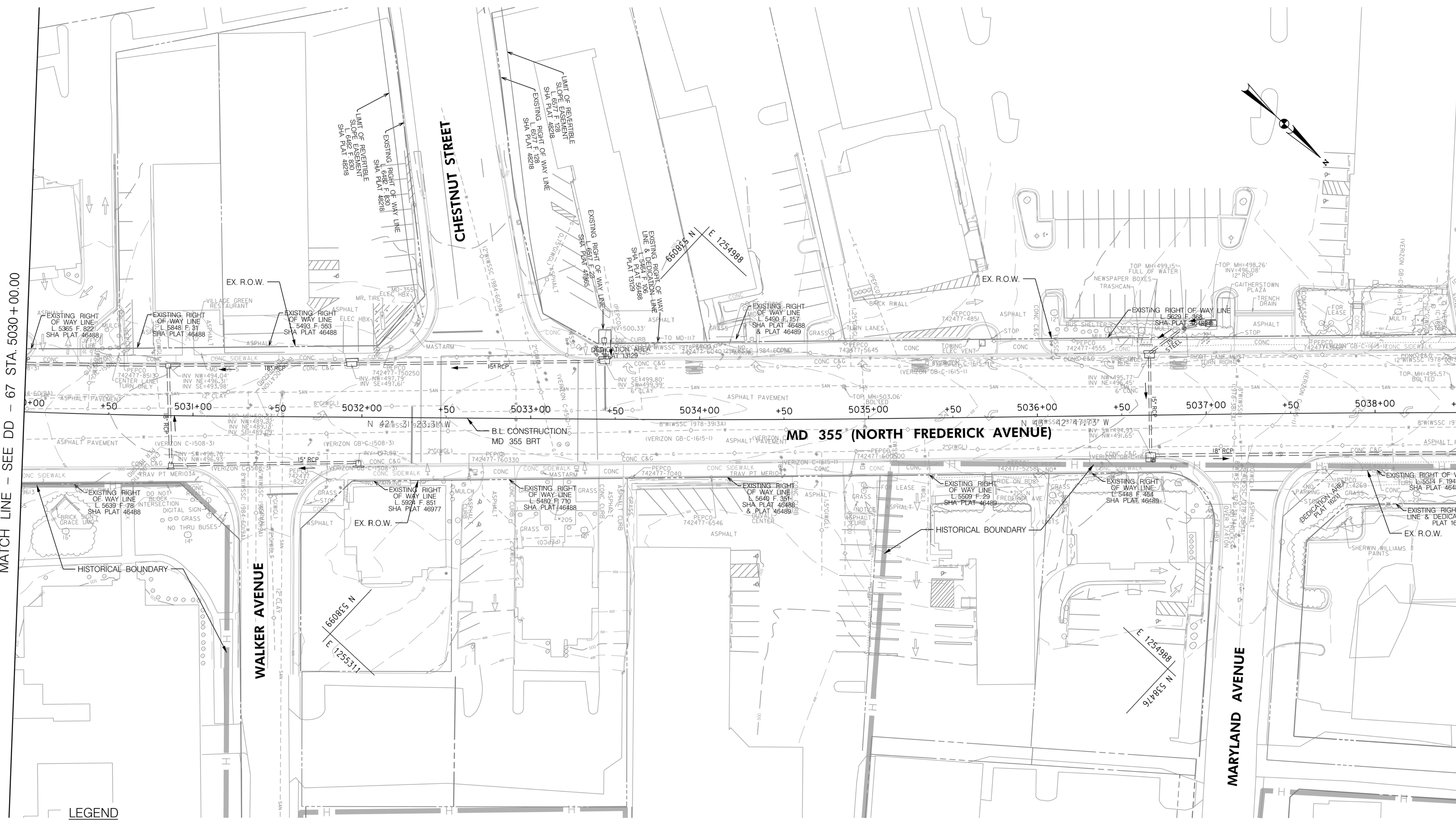
DRAINAGE PLAN
 SEGMENT 5

SCALE : 1" = 30'
 DATE : DECEMBER 2022

Project No. : 502005 SHEET 487 of 887

MATCH LINE - SEE DD - 67 STA. 5030 + 00.00

MATCH LINE - SEE DD - 69 STA. 5038 + 50.00



LEGEND

| | | | |
|--|---|--|---|
| | PROPOSED DRAINAGE STRUCTURE | | PROPOSED 48" RCP PIPE |
| | EX. AERIAL/STREETVIEW DRAINAGE STRUCTURE TO CONNECT TO PROP. SYSTEM | | ASSUMED EX. DRAINAGE PIPE TO CONNECT TO PROPOSED SYSTEM |
| | EXISTING DRAINAGE STRUCTURE | | EXISTING DRAINAGE PIPE |
| | EXISTING DRAINAGE STRUCTURE TO REMAIN FUNCTIONAL | | EXISTING DRAINAGE PIPE TO REMAIN FUNCTIONAL |
| | EXISTING DRAINAGE STRUCTURE TO BE ABANDONED / REMOVED | | EXISTING DRAINAGE PIPE TO BE ABANDONED / REMOVED |

GENERAL STORM DRAIN LABEL NOTES:
 1. PROPOSED STORM DRAIN SIZES HAVE BEEN ESTIMATED AT THIS PHASE AND ARE SUBJECT TO CHANGE WHEN CALCULATIONS, PROFILES, AND HGLS ARE DEVELOPED.
 2. ATTEMPTS HAVE BEEN MADE TO UTILIZE EXISTING STORM DRAIN PIPES TO THE EXTENT PRACTICAL.
 3. WHEN CALCULATIONS, PROFILES, AND HGLS ARE DEVELOPED IT MAY BE DETERMINED THAT THE EXISTING STORM DRAIN PIPE DOES NOT FUNCTION ADEQUATELY AND MAY NEED TO BE REPLACED.
 4. EXISTING STORM DRAIN PIPES AND STRUCTURES TO REMAIN IN PLACE AND ONLINE WILL NEED TO BE INSPECTED AT A LATER PHASE TO DETERMINE THEIR CURRENT CONDITIONS AND MAY NEED TO BE CLEANED, REPAIRED, OR REPLACED.

Stantec
 6110 FROST PLACE,
 LAUREL, MARYLAND 20707
 (301) 962-2800
 www.stantec.com

PROFESSIONAL CERTIFICATION:
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
 LICENSE NO: _____ EXPIRATION DATE: _____

| NO. | REVISION | DATE | BY |
|-----|----------|------|----|
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MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION
 DIVISION OF TRANSPORTATION ENGINEERING
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL
 SEE TITLE SHEET FOR SIGNATURES _____ Date _____
 Chief, Design Section
 APPROVED
 SEE TITLE SHEET FOR SIGNATURES _____ Date _____
 Chief, Division of Transportation Engineering
 Designed by: _____ Drawn by: _____ Checked by: _____

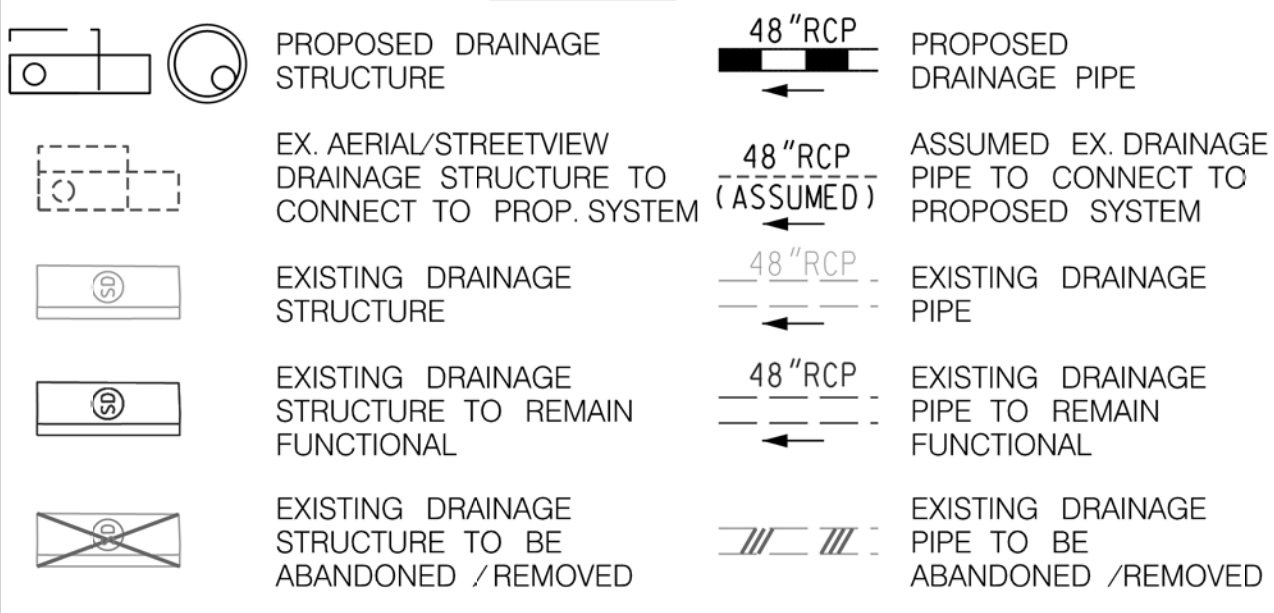
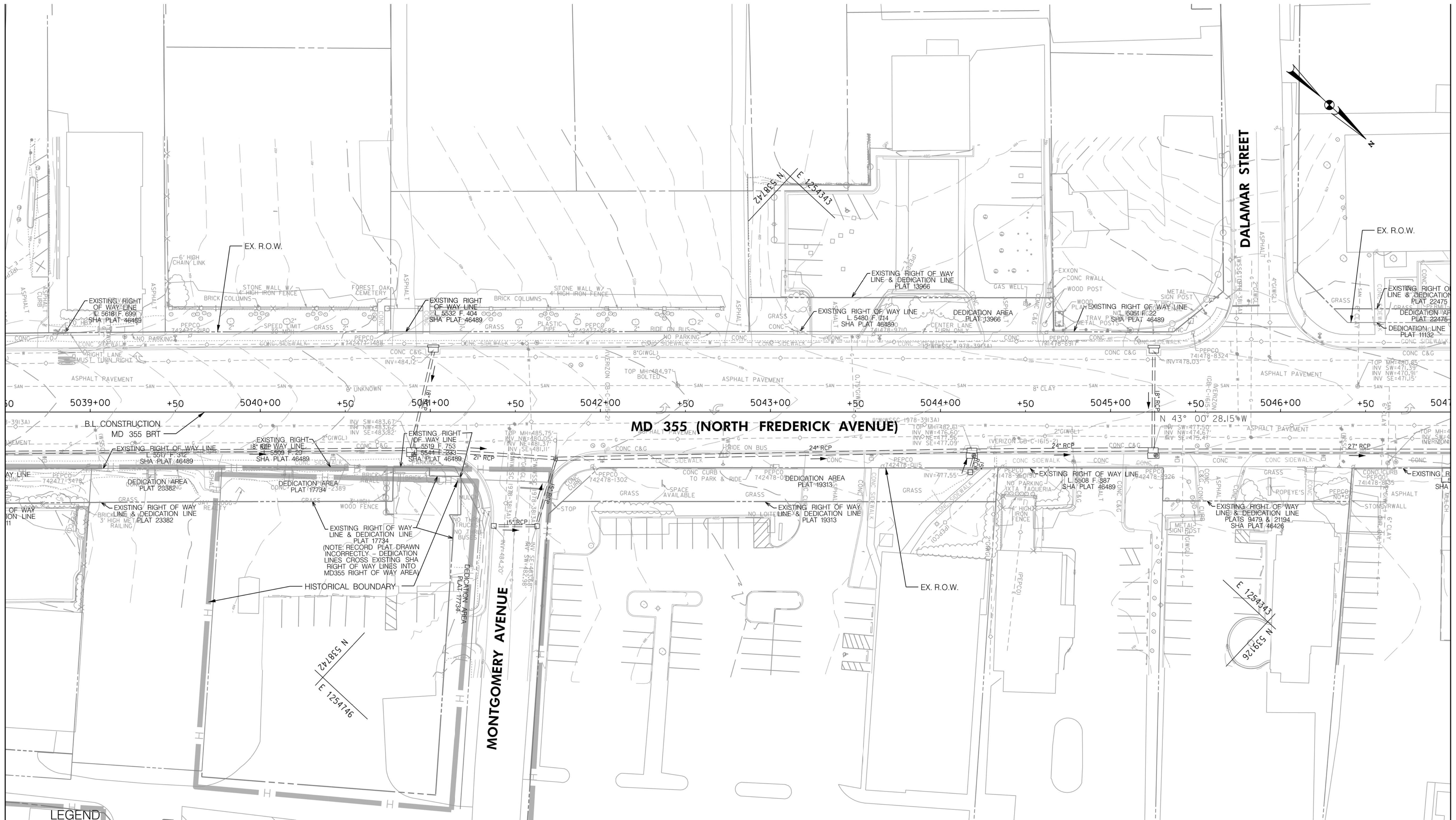
MD 355 BUS RAPID TRANSIT (BRT)
 DRAINAGE PLAN
 SEGMENT 5

SCALE : 1" = 30'
 DATE : DECEMBER 2022
 Project No. : 502005 SHEET 488 of 887

DD-68

MATCH LINE - SEE DD - 68 STA. 5038 + 50.00

MATCH LINE - SEE DD - 70 STA. 5047 + 00.00



GENERAL STORM DRAIN LABEL NOTES:
 1. PROPOSED STORM DRAIN SIZES HAVE BEEN ESTIMATED AT THIS PHASE AND ARE SUBJECT TO CHANGE WHEN CALCULATIONS, PROFILES, AND HGLS ARE DEVELOPED.
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| NO. | REVISION | DATE | BY |
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MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION
 DIVISION OF TRANSPORTATION ENGINEERING
 GAITHERSBURG, MARYLAND

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 SEE TITLE SHEET FOR SIGNATURES
 Chief, Design Section _____ Date _____
 APPROVED
 SEE TITLE SHEET FOR SIGNATURES
 Chief, Division of Transportation Engineering _____ Date _____
 Designed by: _____ Drawn by: _____ Checked by: _____

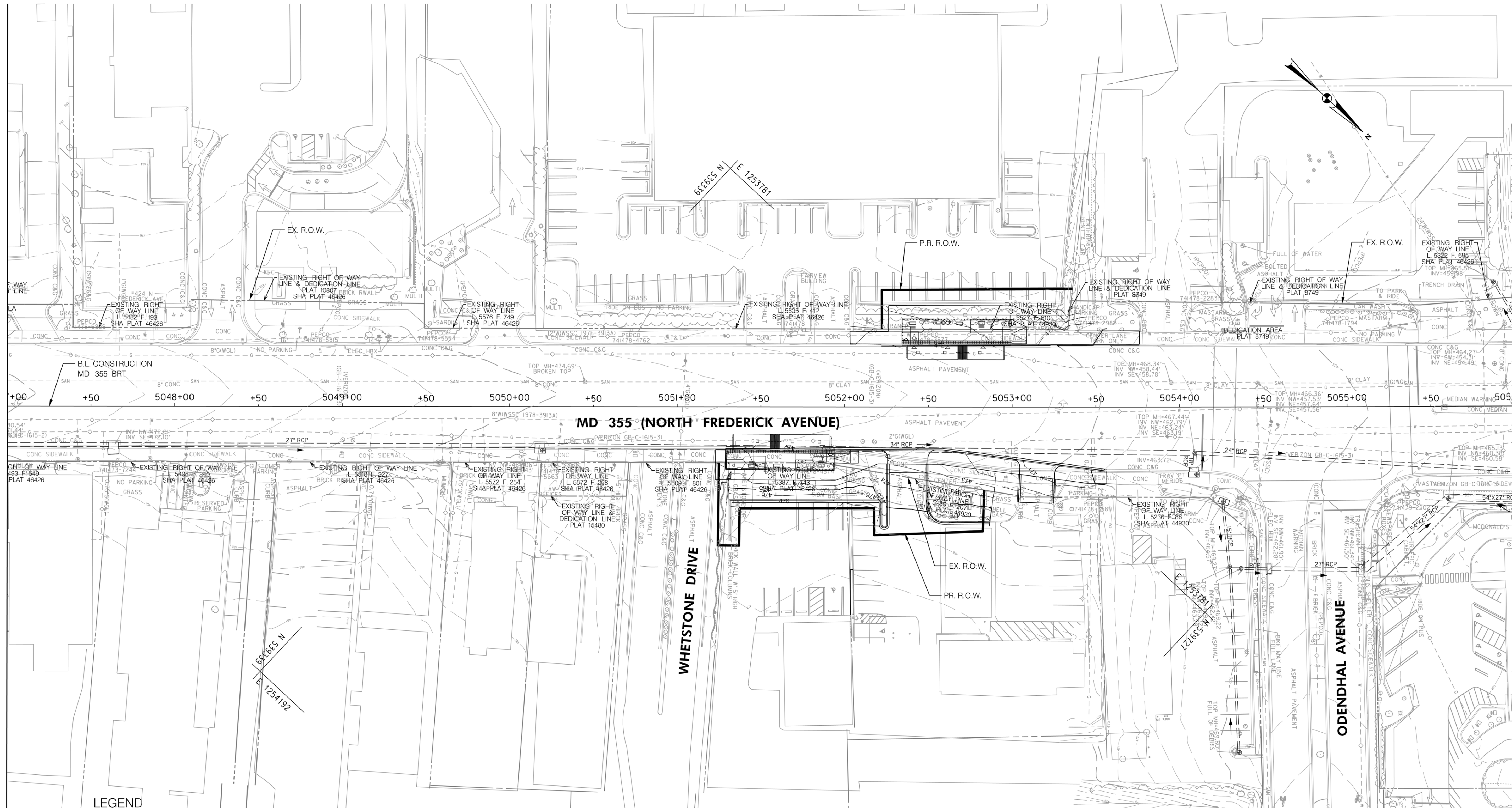
MD 355 BUS RAPID TRANSIT (BRT)
 DRAINAGE PLAN
 SEGMENT 5

SCALE : 1" = 30'
 DATE : DECEMBER 2022
 Project No. : 502005 SHEET 489 of 887

DD-69

MATCH LINE - SEE DD - 69 STA. 5047+00.00

MATCH LINE - SEE DD - 71 STA. 5056+00.00



LEGEND

- PROPOSED DRAINAGE STRUCTURE
- PROPOSED DRAINAGE PIPE
- ASSUMED EX. DRAINAGE PIPE TO CONNECT TO PROPOSED SYSTEM
- EXISTING DRAINAGE STRUCTURE
- EXISTING DRAINAGE PIPE
- EXISTING DRAINAGE STRUCTURE TO REMAIN FUNCTIONAL
- EXISTING DRAINAGE PIPE TO REMAIN FUNCTIONAL
- EXISTING DRAINAGE STRUCTURE TO BE ABANDONED / REMOVED
- EXISTING DRAINAGE PIPE TO BE ABANDONED / REMOVED

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MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION
 DIVISION OF TRANSPORTATION ENGINEERING
 GAITHERSBURG, MARYLAND

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 SEE TITLE SHEET FOR SIGNATURES
 Chief, Division of Transportation Engineering _____ Date _____

Designed by: _____ Drawn by: _____ Checked by: _____

MD 355 BUS RAPID TRANSIT (BRT)
 DRAINAGE PLAN
 SEGMENT 5

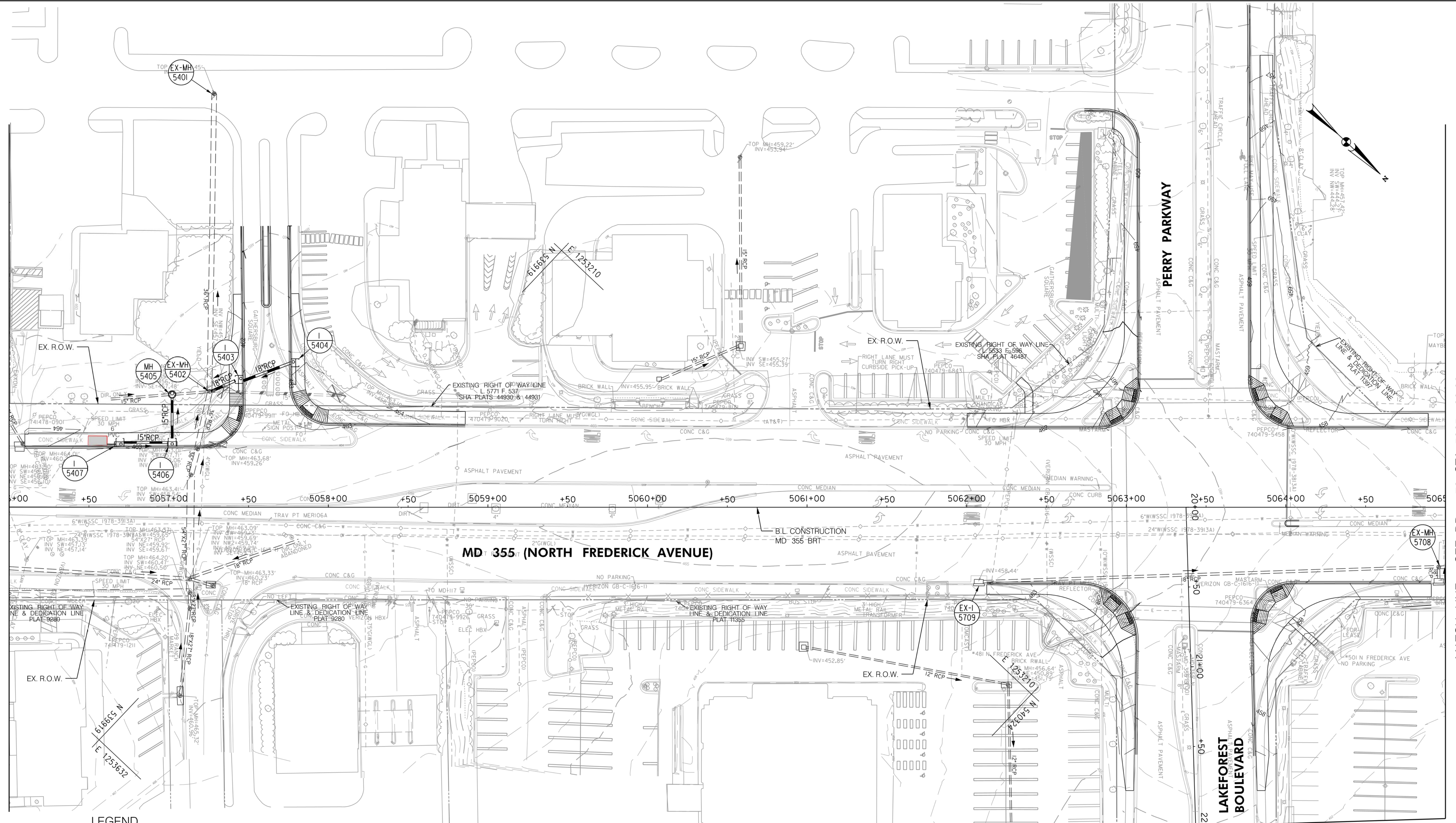
SCALE : 1" = 30'
 DATE : DECEMBER 2022

Project No. : 502005 SHEET 490 of 887

DD-70

MATCH LINE - SEE DD - 70 STA. 5056 + 50.00

MATCH LINE - SEE DD - 72 STA. 5065 + 00.00



MD 355 (NORTH FREDERICK AVENUE)

LEGEND

- PROPOSED DRAINAGE STRUCTURE
- PROPOSED DRAINAGE PIPE
- ASSUMED EX. DRAINAGE PIPE TO CONNECT TO PROPOSED SYSTEM
- EX. AERIAL/STREETVIEW DRAINAGE STRUCTURE TO CONNECT TO PROP. SYSTEM
- EXISTING DRAINAGE STRUCTURE
- EXISTING DRAINAGE STRUCTURE TO REMAIN FUNCTIONAL
- EXISTING DRAINAGE STRUCTURE TO BE ABANDONED / REMOVED
- PROPOSED DRAINAGE PIPE
- ASSUMED EX. DRAINAGE PIPE TO CONNECT TO PROPOSED SYSTEM
- EXISTING DRAINAGE PIPE
- EXISTING DRAINAGE PIPE TO REMAIN FUNCTIONAL
- EXISTING DRAINAGE PIPE TO BE ABANDONED / REMOVED

GENERAL STORM DRAIN LABEL NOTES:

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LICENSE NO. _____ EXPIRATION DATE: _____

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MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION
DIVISION OF TRANSPORTATION ENGINEERING
GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL
SEE TITLE SHEET FOR SIGNATURES
Chief, Design Section
Date _____

APPROVED
SEE TITLE SHEET FOR SIGNATURES
Chief, Division of Transportation Engineering
Date _____

Designed by: _____ Drawn by: _____ Checked by: _____

MD 355 BUS RAPID TRANSIT (BRT)

DRAINAGE PLAN
SEGMENT 5

SCALE : 1" = 30'
DATE : DECEMBER 2022

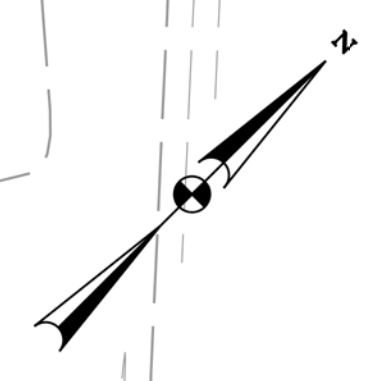
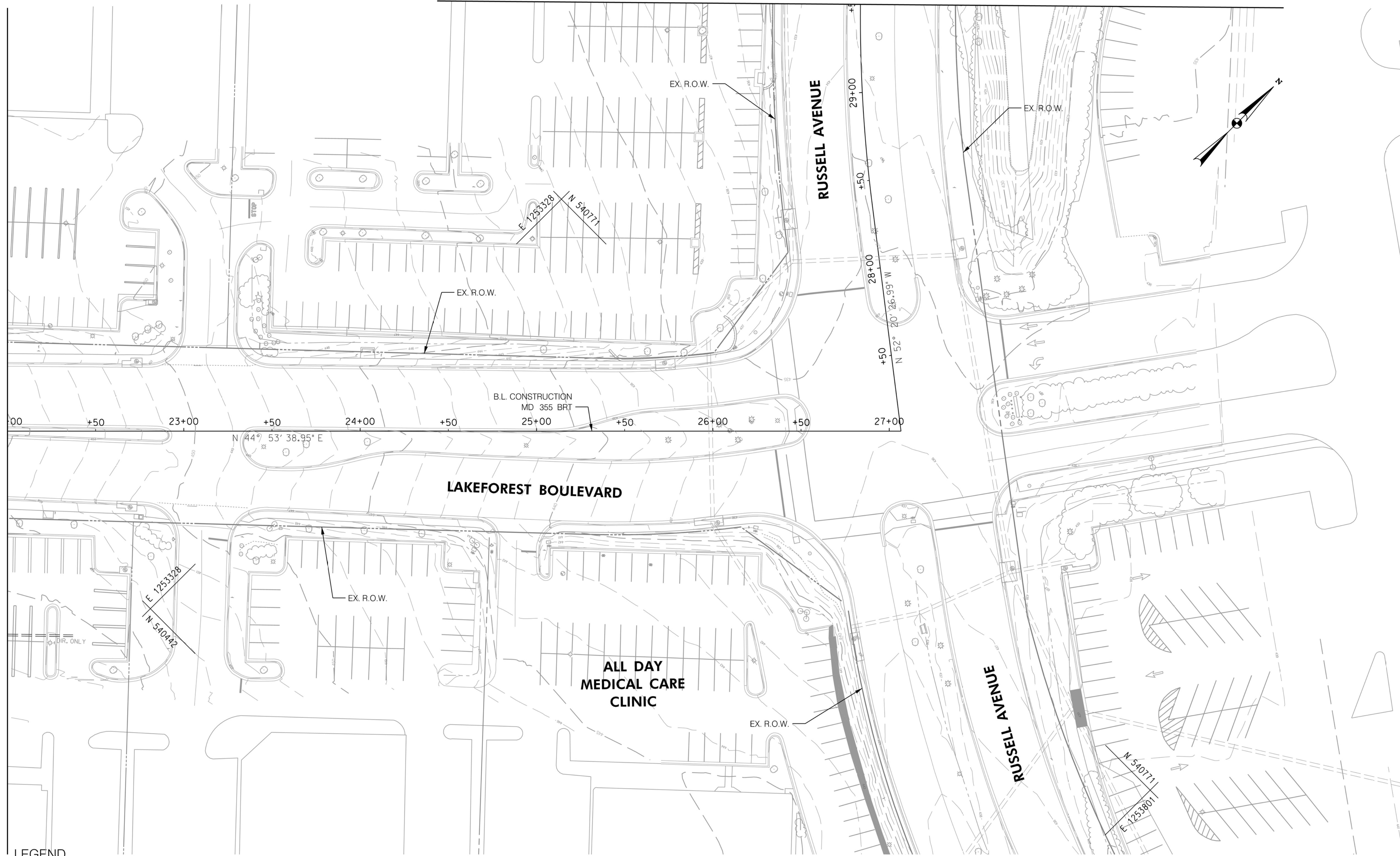
Project No. : 502005
SHEET 491 of 887

MATCH LINE - SEE DD - 71A STA. 22 + 00.00

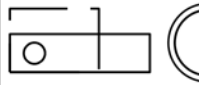
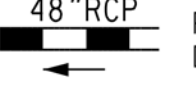



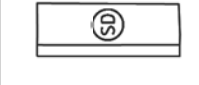
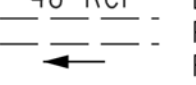
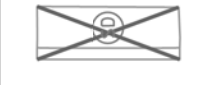

DD-71

MATCH LINE - SEE DD - 71B STA. 29+50.00

MATCH LINE - SEE DD - 71 STA. 22+00.00



LEGEND

-  PROPOSED DRAINAGE STRUCTURE
-  48" RCP PROPOSED DRAINAGE PIPE
-  48" RCP (ASSUMED) ASSUMED EX. DRAINAGE PIPE TO CONNECT TO PROPOSED SYSTEM
-  EXISTING DRAINAGE STRUCTURE
-  48" RCP EXISTING DRAINAGE PIPE
-  EXISTING DRAINAGE STRUCTURE TO REMAIN FUNCTIONAL
-  48" RCP EXISTING DRAINAGE PIPE TO REMAIN FUNCTIONAL
-  EXISTING DRAINAGE STRUCTURE TO BE ABANDONED / REMOVED
-  48" RCP EXISTING DRAINAGE PIPE TO BE ABANDONED / REMOVED

GENERAL STORM DRAIN LABEL NOTES:
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 LICENSE NO: _____ EXPIRATION DATE: _____

| NO. | REVISION | DATE | BY |
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MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION
 DIVISION OF TRANSPORTATION ENGINEERING
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES _____ Date _____
 Chief, Design Section

APPROVED

SEE TITLE SHEET FOR SIGNATURES _____ Date _____
 Chief, Division of Transportation Engineering

Designed by: _____ Drawn by: _____ Checked by: _____

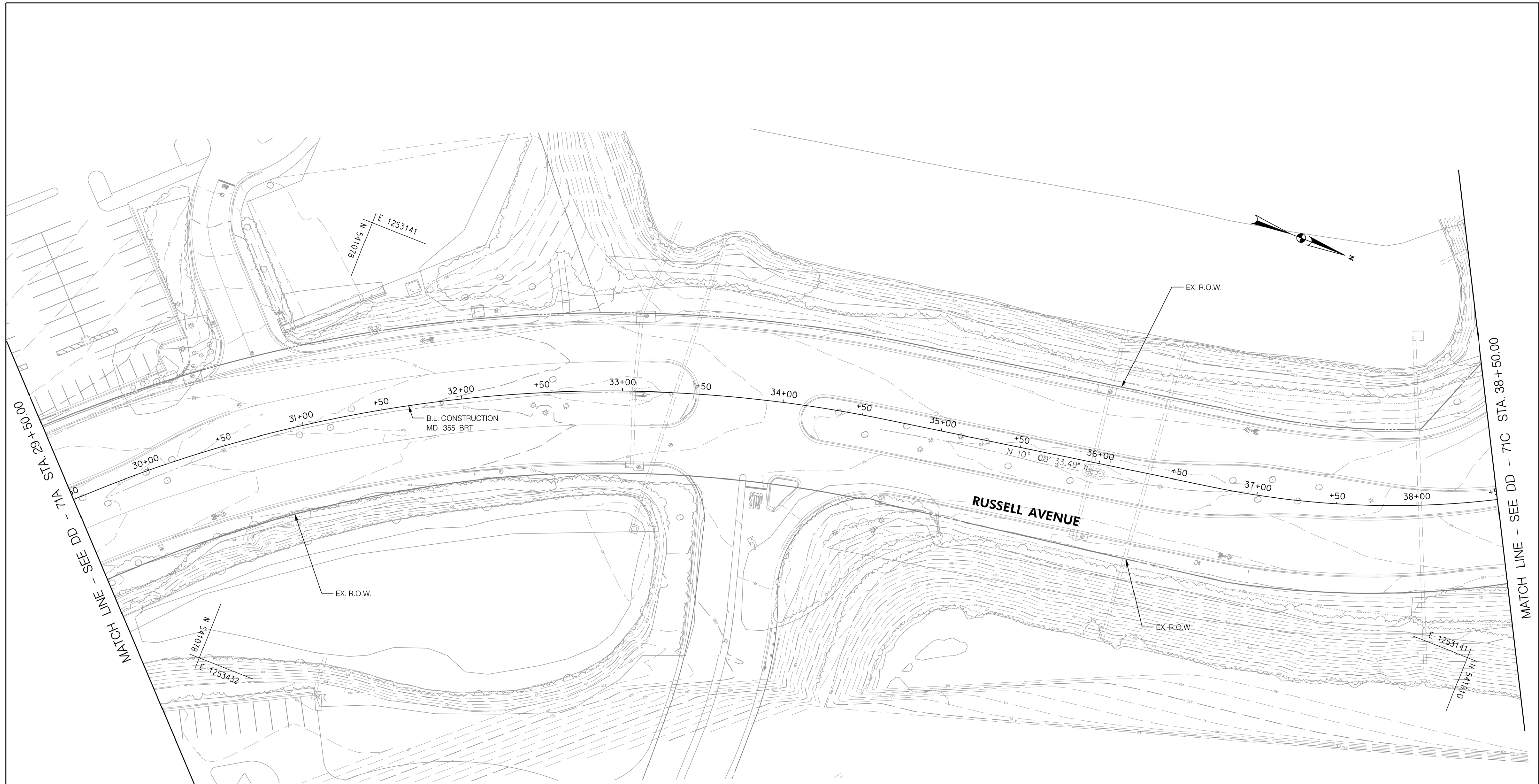
MD 355 BUS RAPID TRANSIT (BRT)

DRAINAGE PLAN
 SEGMENT 5

SCALE : 1" = 30'
 DATE : DECEMBER 2022

Project No. : 502005 SHEET 492 of 887

DD-71A



LEGEND

| | | | |
|--|---|--|---|
| | PROPOSED DRAINAGE STRUCTURE | | PROPOSED DRAINAGE PIPE |
| | EX. AERIAL/STREETVIEW DRAINAGE STRUCTURE TO CONNECT TO PROP. SYSTEM | | ASSUMED EX. DRAINAGE PIPE TO CONNECT TO PROPOSED SYSTEM |
| | EXISTING DRAINAGE STRUCTURE | | EXISTING DRAINAGE PIPE |
| | EXISTING DRAINAGE STRUCTURE TO REMAIN FUNCTIONAL | | EXISTING DRAINAGE PIPE TO REMAIN FUNCTIONAL |
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MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION
 DIVISION OF TRANSPORTATION ENGINEERING
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES _____ Date _____
 Chief, Design Section

APPROVED

SEE TITLE SHEET FOR SIGNATURES _____ Date _____
 Chief, Division of Transportation Engineering

Designed by : _____ Drawn by : _____ Checked by : _____

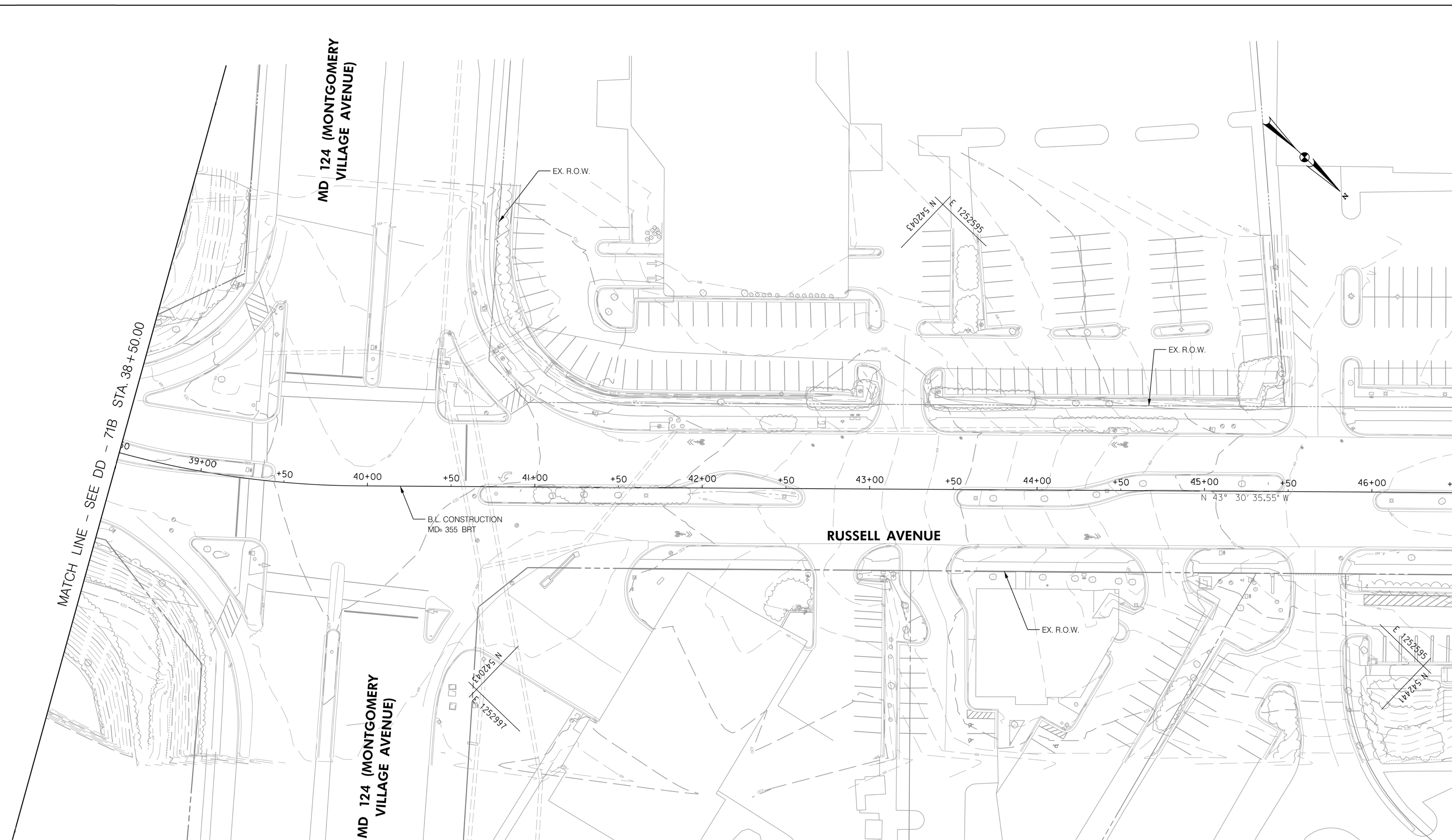
DD-71B

MD 355 BUS RAPID TRANSIT (BRT)

DRAINAGE PLAN
 SEGMENT 5

SCALE : 1" = 30' DATE : DECEMBER 2022

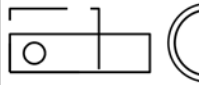
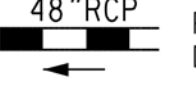



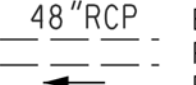
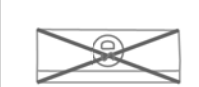

Project No. : 502005 SHEET 493 of 887



MATCH LINE - SEE DD - 71B STA. 38+50.00

MATCH LINE - SEE DD - 71D STA. 46+50.00

LEGEND

-  PROPOSED DRAINAGE STRUCTURE
-  PROPOSED DRAINAGE PIPE
-  ASSUMED EX. DRAINAGE PIPE TO CONNECT TO PROPOSED SYSTEM
-  EXISTING DRAINAGE PIPE
-  EXISTING DRAINAGE STRUCTURE TO REMAIN FUNCTIONAL
-  EXISTING DRAINAGE PIPE TO REMAIN FUNCTIONAL
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MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION
 DIVISION OF TRANSPORTATION ENGINEERING
 GAITHERSBURG, MARYLAND

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 SEE TITLE SHEET FOR SIGNATURES
 Chief, Design Section
 APPROVED
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 Chief, Division of Transportation Engineering
 Designed by: _____ Drawn by: _____ Checked by: _____

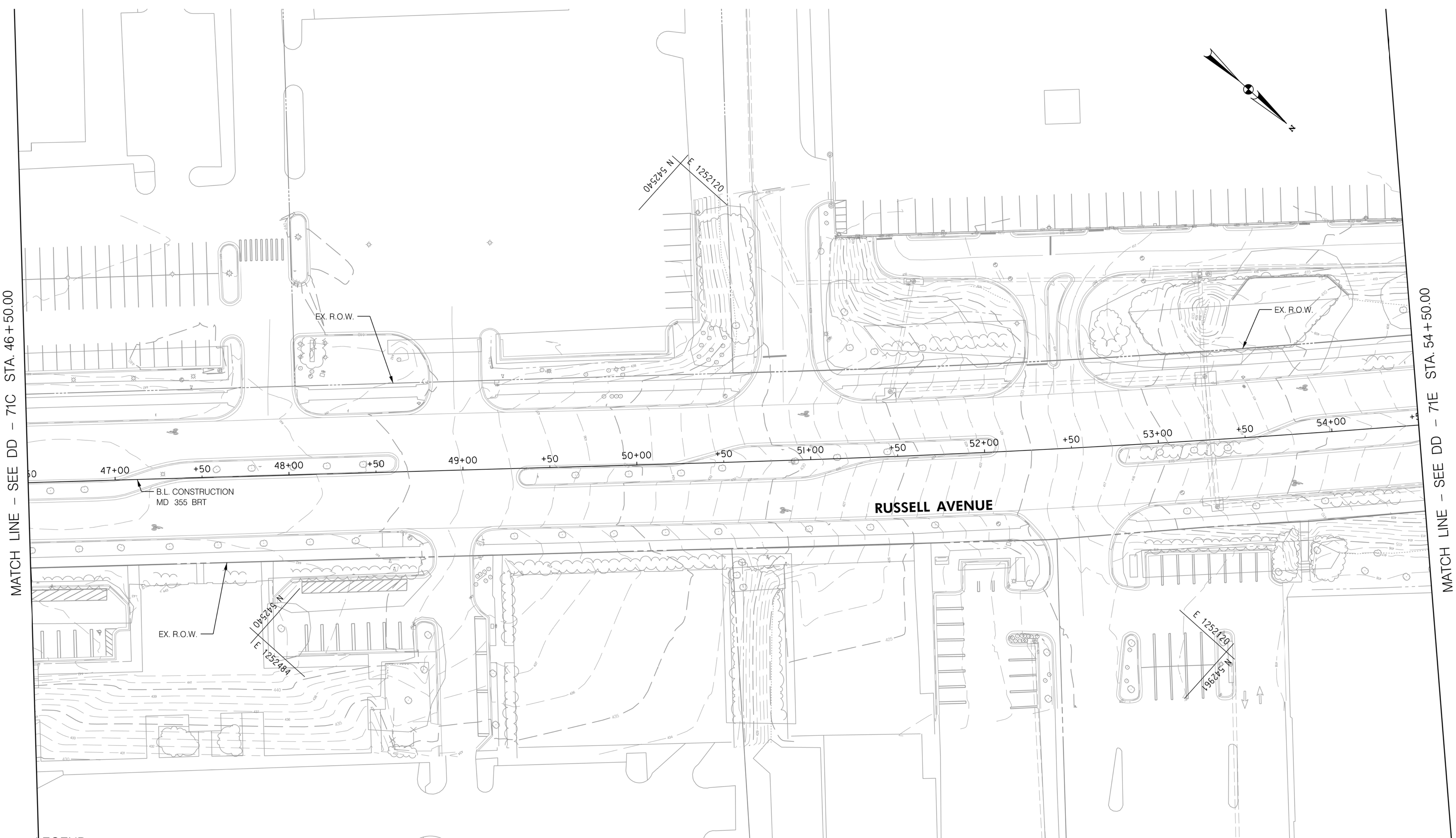
MD 355 BUS RAPID TRANSIT (BRT)

DRAINAGE PLAN
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SCALE : 1" = 30'
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Project No. : 502005 SHEET 494 of 887

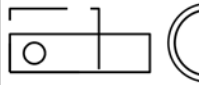
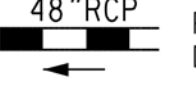



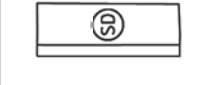
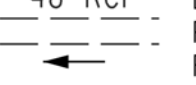
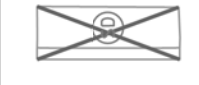

DD-71C



MATCH LINE - SEE DD - 71C STA. 46 + 50.00

MATCH LINE - SEE DD - 71E STA. 54 + 50.00

LEGEND

-  PROPOSED DRAINAGE STRUCTURE
-  48" RCP PROPOSED DRAINAGE PIPE
-  48" RCP (ASSUMED) ASSUMED EX. DRAINAGE PIPE TO CONNECT TO PROPOSED SYSTEM
-  EXISTING DRAINAGE STRUCTURE
-  48" RCP EXISTING DRAINAGE PIPE
-  EXISTING DRAINAGE STRUCTURE TO REMAIN FUNCTIONAL
-  48" RCP EXISTING DRAINAGE PIPE TO REMAIN FUNCTIONAL
-  EXISTING DRAINAGE STRUCTURE TO BE ABANDONED / REMOVED
-  48" RCP EXISTING DRAINAGE PIPE TO BE ABANDONED / REMOVED

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MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION
 DIVISION OF TRANSPORTATION ENGINEERING
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL

SEE TITLE SHEET FOR SIGNATURES _____ Date _____
 Chief, Design Section

APPROVED

SEE TITLE SHEET FOR SIGNATURES _____ Date _____
 Chief, Division of Transportation Engineering

Designed by : _____ Drawn by : _____ Checked by : _____

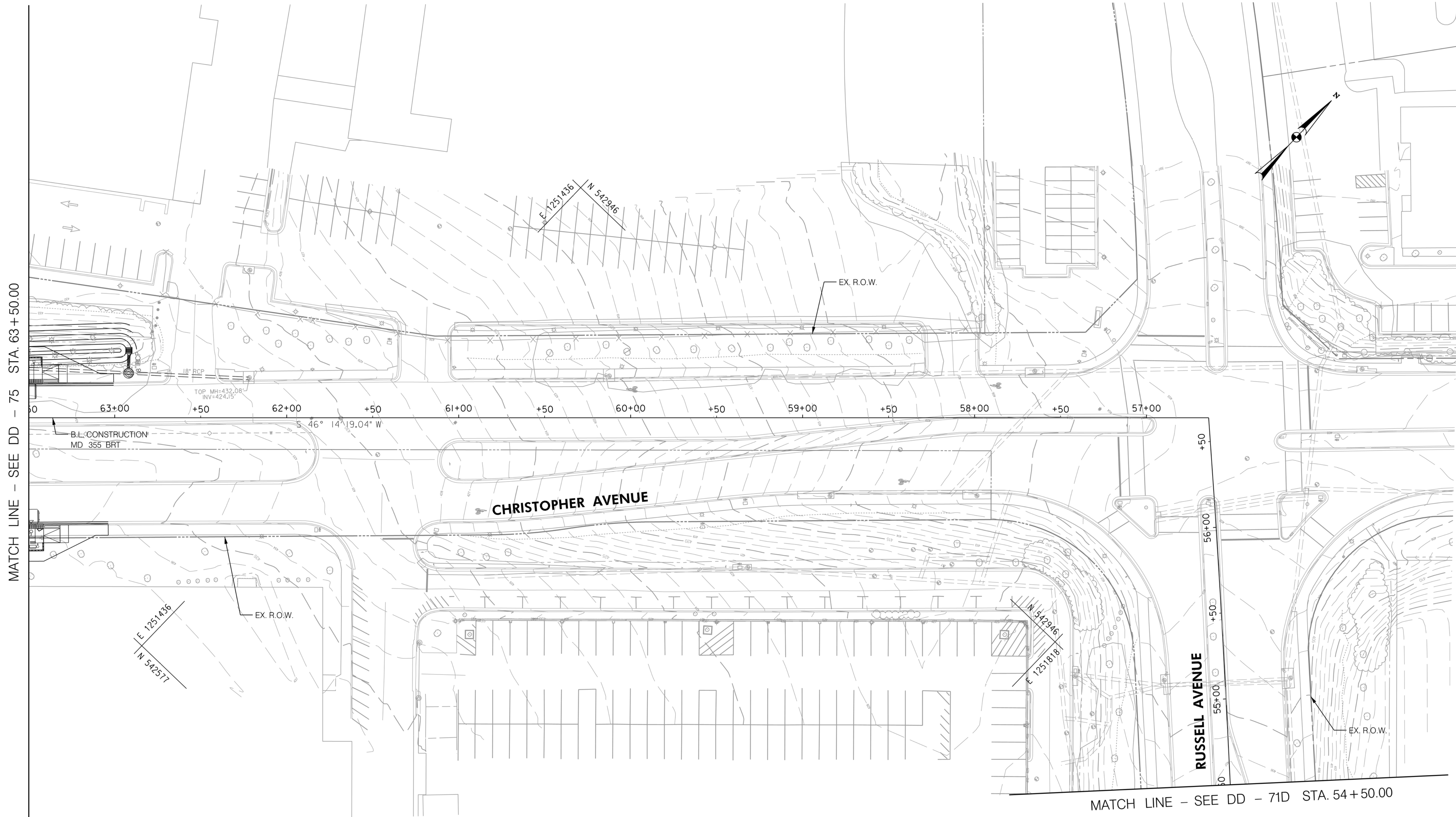
MD 355 BUS RAPID TRANSIT (BRT)

DRAINAGE PLAN
 SEGMENT 5

SCALE : 1" = 30' DATE : DECEMBER 2022

Project No. : 502005 SHEET 495 of 887

DD-71D



MATCH LINE - SEE DD - 75 STA. 63+50.00

MATCH LINE - SEE DD - 71D STA. 54+50.00

LEGEND

- | | | | |
|--|---|--|---|
| | PROPOSED DRAINAGE STRUCTURE | | PROPOSED DRAINAGE PIPE |
| | EX. AERIAL/STREETVIEW DRAINAGE STRUCTURE TO CONNECT TO PROP. SYSTEM | | ASSUMED EX. DRAINAGE PIPE TO CONNECT TO PROPOSED SYSTEM |
| | EXISTING DRAINAGE STRUCTURE | | EXISTING DRAINAGE PIPE |
| | EXISTING DRAINAGE STRUCTURE TO REMAIN FUNCTIONAL | | EXISTING DRAINAGE PIPE TO REMAIN FUNCTIONAL |
| | EXISTING DRAINAGE STRUCTURE TO BE ABANDONED / REMOVED | | EXISTING DRAINAGE PIPE TO BE ABANDONED / REMOVED |

GENERAL STORM DRAIN LABEL NOTES:
 1. PROPOSED STORM DRAIN SIZES HAVE BEEN ESTIMATED AT THIS PHASE AND ARE SUBJECT TO CHANGE WHEN CALCULATIONS, PROFILES, AND HGLS ARE DEVELOPED.
 2. ATTEMPTS HAVE BEEN MADE TO UTILIZE EXISTING STORM DRAIN PIPES TO THE EXTENT PRACTICAL.
 3. WHEN CALCULATIONS, PROFILES, AND HGLS ARE DEVELOPED IT MAY BE DETERMINED THAT THE EXISTING STORM DRAIN PIPE DOES NOT FUNCTION ADEQUATELY AND MAY NEED TO BE REPLACED.
 4. EXISTING STORM DRAIN PIPES AND STRUCTURES TO REMAIN IN PLACE AND ONLINE WILL NEED TO BE INSPECTED AT A LATER PHASE TO DETERMINE THEIR CURRENT CONDITIONS AND MAY NEED TO BE CLEANED, REPAIRED, OR REPLACED.



PROFESSIONAL CERTIFICATION:
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
 LICENSE NO: _____ EXPIRATION DATE: _____

| NO. | REVISION | DATE | BY |
|-----|----------|------|----|
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MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION
 DIVISION OF TRANSPORTATION ENGINEERING
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL
 SEE TITLE SHEET FOR SIGNATURES _____ Date _____
 Chief, Design Section
 APPROVED
 SEE TITLE SHEET FOR SIGNATURES _____ Date _____
 Chief, Division of Transportation Engineering
 Designed by : _____ Drawn by : _____ Checked by : _____

MD 355 BUS RAPID TRANSIT (BRT)

**DRAINAGE PLAN
 SEGMENT 5**

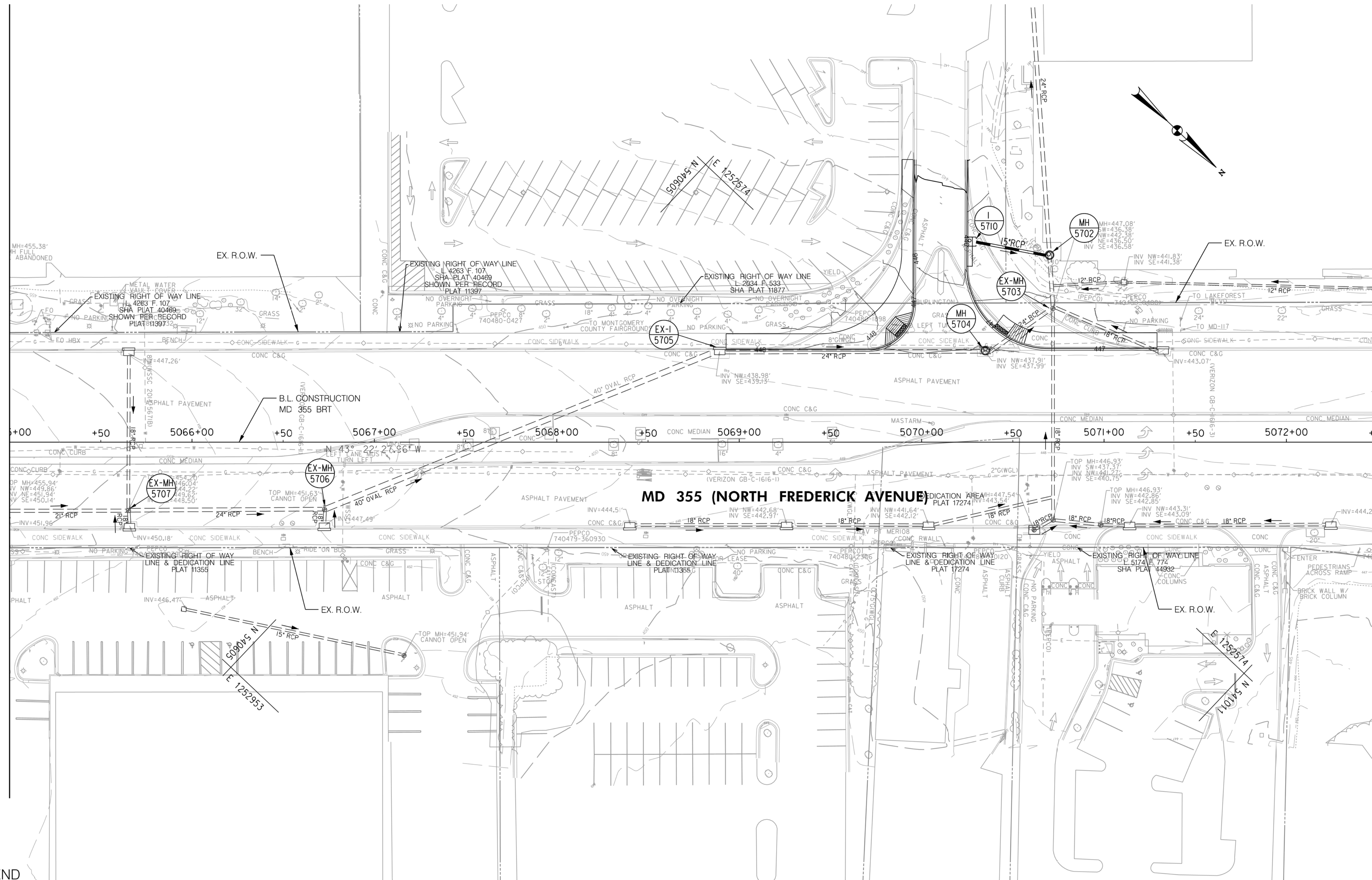
SCALE : 1" = 30'
 DATE : DECEMBER 2022

Project No. : 502005 SHEET 496 of 887

DD-71E

MATCH LINE - SEE DD - 71 STA. 5065 + 00.00

MATCH LINE - SEE DD - 73 STA. 5072 + 50.00



LEGEND

- PROPOSED DRAINAGE STRUCTURE
- ASSUMED EX. DRAINAGE PIPE TO CONNECT TO PROPOSED SYSTEM
- EXISTING DRAINAGE STRUCTURE
- EXISTING DRAINAGE STRUCTURE TO REMAIN FUNCTIONAL
- EXISTING DRAINAGE STRUCTURE TO BE ABANDONED / REMOVED
- PROPOSED DRAINAGE PIPE
- ASSUMED EX. DRAINAGE PIPE TO CONNECT TO PROPOSED SYSTEM
- EXISTING DRAINAGE PIPE
- EXISTING DRAINAGE PIPE TO REMAIN FUNCTIONAL
- EXISTING DRAINAGE PIPE TO BE ABANDONED / REMOVED

GENERAL STORM DRAIN LABEL NOTES:
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 LICENSE NO. _____ EXPIRATION DATE: _____

| NO. | REVISION | DATE | BY |
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MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION
 DIVISION OF TRANSPORTATION ENGINEERING
 GAITHERSBURG, MARYLAND

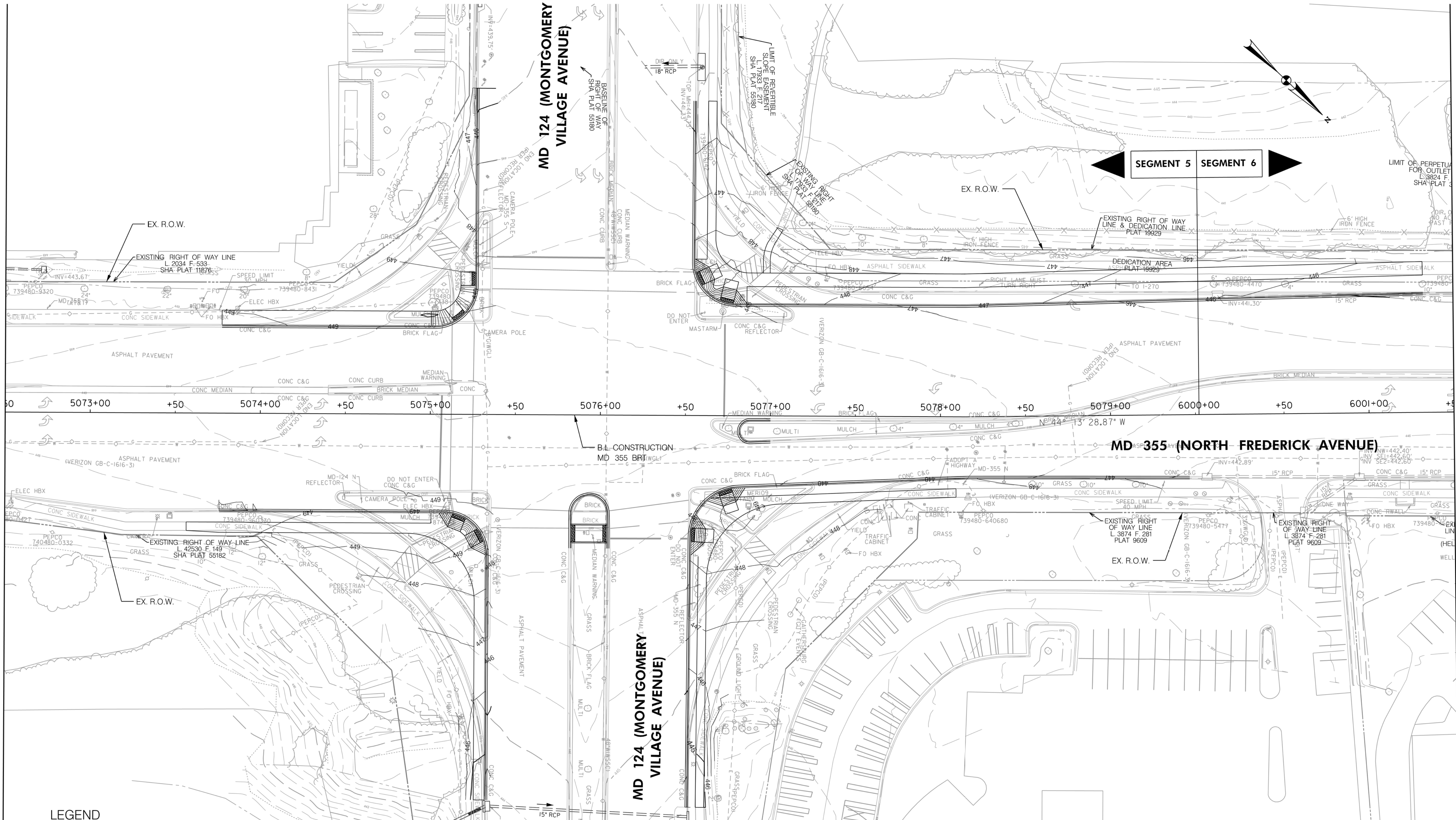
RECOMMENDED FOR APPROVAL
 SEE TITLE SHEET FOR SIGNATURES
 Chief, Design Section _____ Date _____
 APPROVED
 SEE TITLE SHEET FOR SIGNATURES
 Chief, Division of Transportation Engineering _____ Date _____
 Designed by: _____ Drawn by: _____ Checked by: _____

MD 355 BUS RAPID TRANSIT (BRT)
 DRAINAGE PLAN
 SEGMENT 5

SCALE : 1" = 30'
 DATE : DECEMBER 2022
 Project No. : 502005 SHEET 497 of 887

MATCH LINE - SEE DD - 72 STA. 5072 + 50.00

MATCH LINE - SEE DD - 74 STA. 6001 + 50.00



SEGMENT 5 SEGMENT 6

LEGEND

- | | | | |
|--|---|--|---|
| | PROPOSED DRAINAGE STRUCTURE | | PROPOSED 48" RCP DRAINAGE PIPE |
| | EXISTING DRAINAGE STRUCTURE | | ASSUMED EX. DRAINAGE PIPE TO CONNECT TO PROPOSED SYSTEM |
| | EXISTING DRAINAGE STRUCTURE TO REMAIN FUNCTIONAL | | EXISTING DRAINAGE PIPE |
| | EXISTING DRAINAGE STRUCTURE TO BE ABANDONED / REMOVED | | EXISTING DRAINAGE PIPE TO REMAIN FUNCTIONAL |
| | | | EXISTING DRAINAGE PIPE TO BE ABANDONED / REMOVED |

GENERAL STORM DRAIN LABEL NOTES:
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Stantec
 6110 FROST PLACE,
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 (301) 962-2800
 www.stantec.com

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 LICENSE NO. _____ EXPIRATION DATE: _____

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MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION
 DIVISION OF TRANSPORTATION ENGINEERING
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL
 SEE TITLE SHEET FOR SIGNATURES
 Chief, Design Section
 APPROVED
 SEE TITLE SHEET FOR SIGNATURES
 Chief, Division of Transportation Engineering
 Design by: _____ Drawn by: _____ Checked by: _____

MD 355 BUS RAPID TRANSIT (BRT)

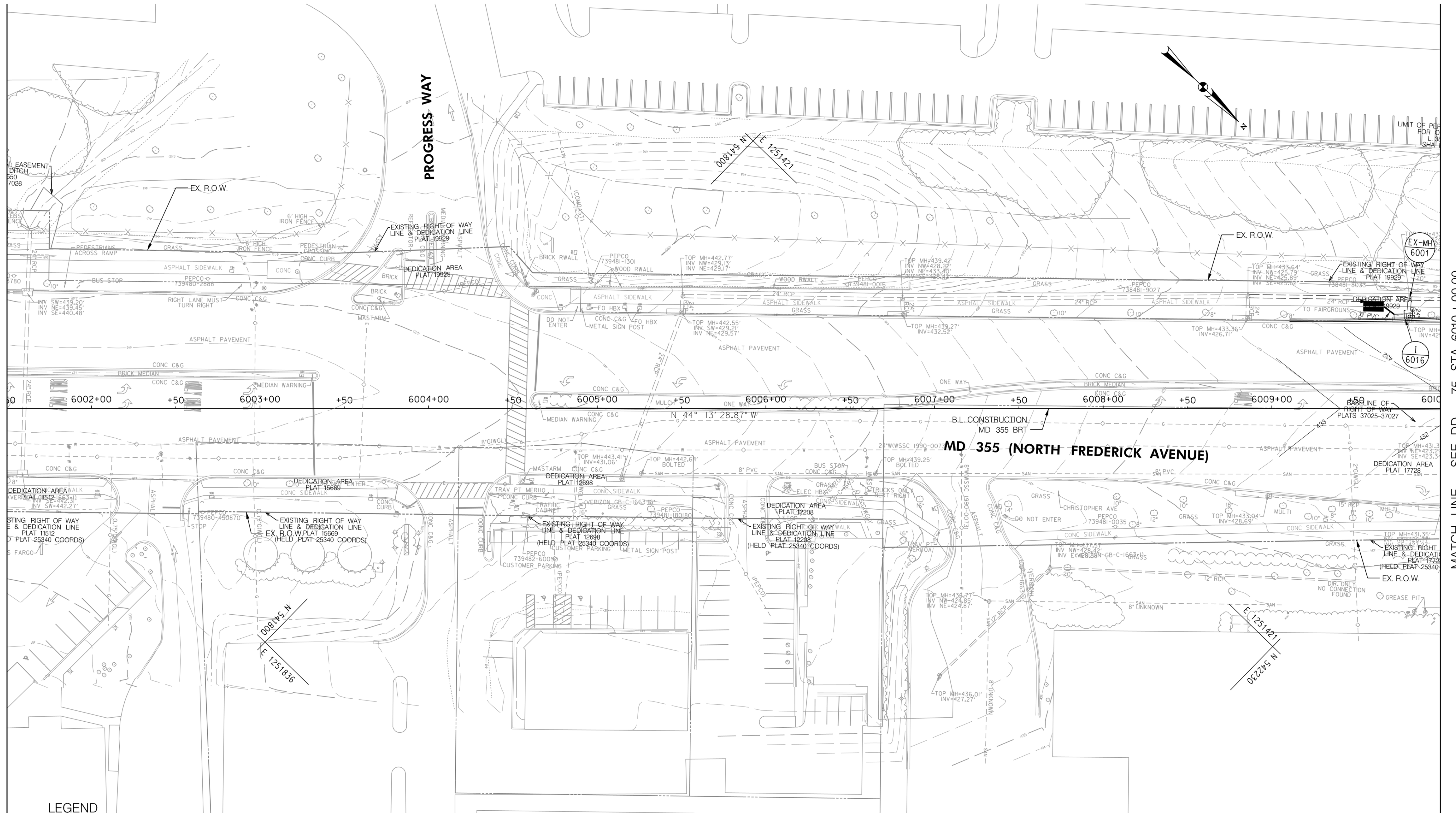
DRAINAGE PLAN
 SEGMENT 5 - SEGMENT 6

SCALE : 1" = 30'
 DATE : DECEMBER 2022

Project No. : 502005 SHEET 498 of 887

MATCH LINE - SEE DD - 73 STA. 6001+50.00

MATCH LINE - SEE DD - 75 STA. 6010+00.00



LEGEND

- | | | | |
|--|---|--|---|
| | PROPOSED DRAINAGE STRUCTURE | | PROPOSED DRAINAGE PIPE |
| | EXISTING DRAINAGE STRUCTURE | | ASSUMED EX. DRAINAGE PIPE TO CONNECT TO PROPOSED SYSTEM |
| | EXISTING DRAINAGE STRUCTURE TO REMAIN FUNCTIONAL | | EXISTING DRAINAGE PIPE |
| | EXISTING DRAINAGE STRUCTURE TO BE ABANDONED / REMOVED | | EXISTING DRAINAGE PIPE TO REMAIN FUNCTIONAL |
| | | | EXISTING DRAINAGE PIPE TO BE ABANDONED / REMOVED |

GENERAL STORM DRAIN LABEL NOTES:
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MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION
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 GAITHERSBURG, MARYLAND

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 Chief, Design Section
 Date _____

APPROVED
 SEE TITLE SHEET FOR SIGNATURES
 Chief, Division of Transportation Engineering
 Date _____

Designed by: _____ Drawn by: _____ Checked by: _____

MD 355 BUS RAPID TRANSIT (BRT)

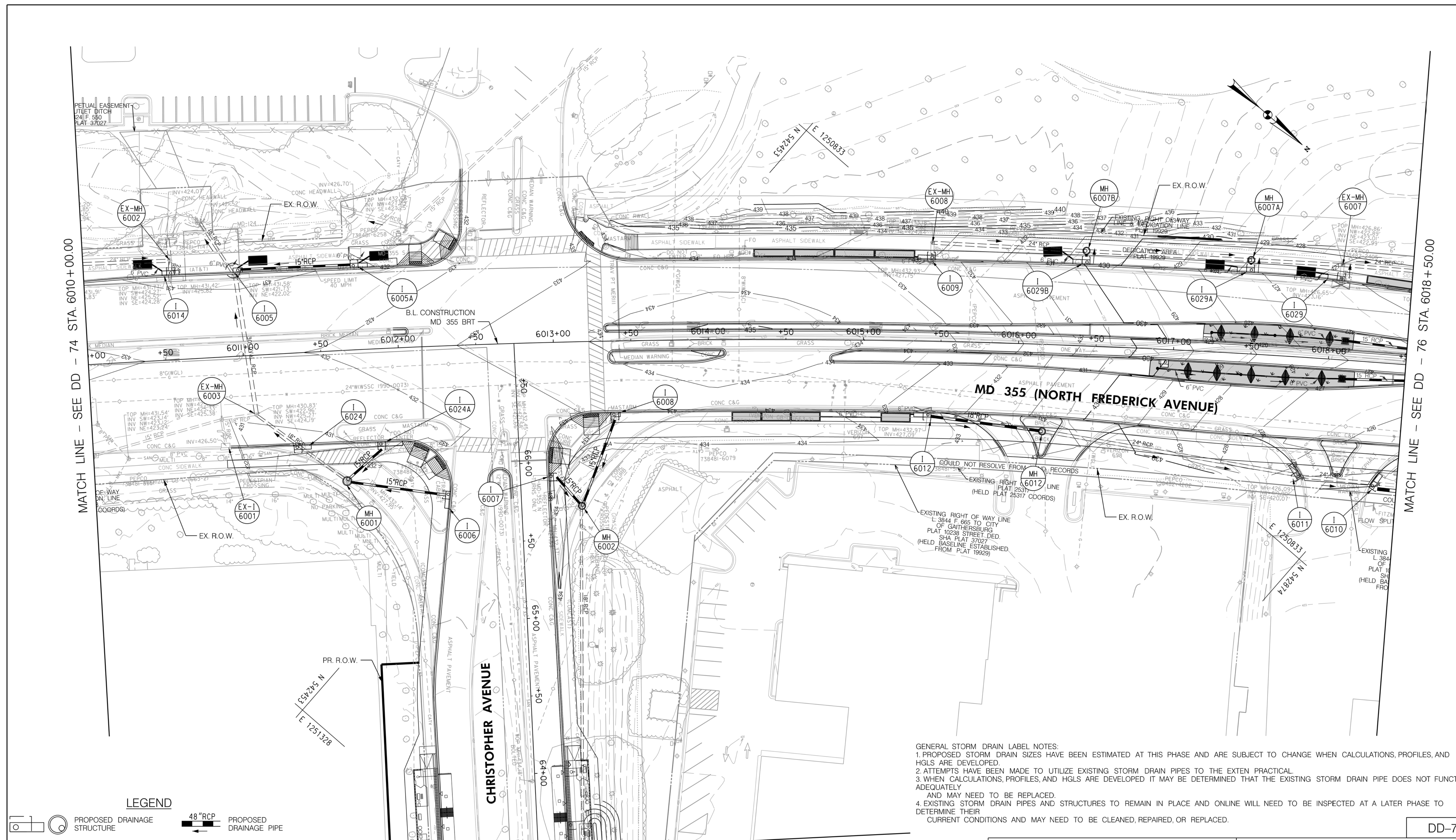
DRAINAGE PLAN
 SEGMENT 6

SCALE : 1" = 30'
 DATE : DECEMBER 2022

Project No. : 502005
 SHEET 499 of 887

MATCH LINE - SEE DD - 74 STA. 6010 + 00.00

MATCH LINE - SEE DD - 76 STA. 6018 + 50.00



GENERAL STORM DRAIN LABEL NOTES:
 1. PROPOSED STORM DRAIN SIZES HAVE BEEN ESTIMATED AT THIS PHASE AND ARE SUBJECT TO CHANGE WHEN CALCULATIONS, PROFILES, AND HGLS ARE DEVELOPED.
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LEGEND

| | | | |
|--|---|--|---|
| | PROPOSED DRAINAGE STRUCTURE | | PROPOSED DRAINAGE PIPE |
| | EX. AERIAL/STREETVIEW DRAINAGE STRUCTURE TO CONNECT TO PROP. SYSTEM (ASSUMED) | | ASSUMED EX. DRAINAGE PIPE TO CONNECT TO PROPOSED SYSTEM |
| | EXISTING DRAINAGE STRUCTURE | | EXISTING DRAINAGE PIPE |
| | EXISTING DRAINAGE STRUCTURE TO REMAIN FUNCTIONAL | | EXISTING DRAINAGE PIPE TO REMAIN FUNCTIONAL |
| | EXISTING DRAINAGE STRUCTURE TO BE ABANDONED / REMOVED | | EXISTING DRAINAGE PIPE TO BE ABANDONED / REMOVED |

MATCH LINE - SEE DD - 71E STA. 63 + 50.00



PROFESSIONAL CERTIFICATION:
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 LICENSE NO. _____ EXPIRATION DATE: _____

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MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION
 DIVISION OF TRANSPORTATION ENGINEERING
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL
 SEE TITLE SHEET FOR SIGNATURES _____ Date _____
 Chief, Design Section
 APPROVED
 SEE TITLE SHEET FOR SIGNATURES _____ Date _____
 Chief, Division of Transportation Engineering
 Designed by: _____ Drawn by: _____ Checked by: _____

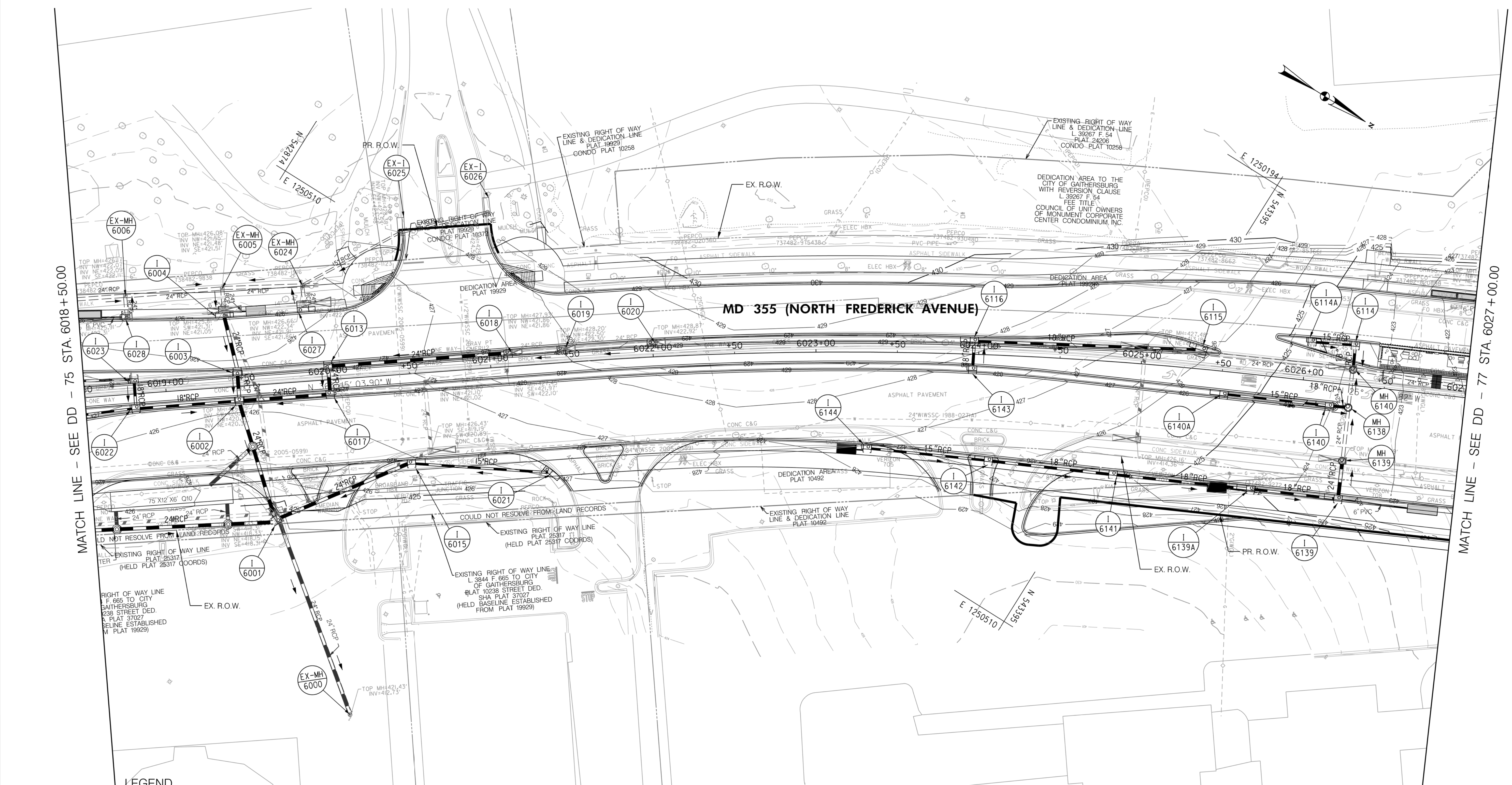
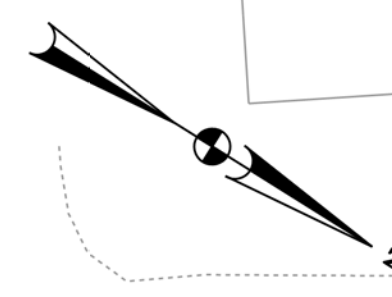
MD 355 BUS RAPID TRANSIT (BRT)
 DRAINAGE PLAN
 SEGMENT 6
 SCALE : 1" = 30'
 DATE : DECEMBER 2022
 Project No. : 502005 SHEET 500 of 887

DD-75

MATCH LINE - SEE DD - 75 STA. 6018+50.00

MATCH LINE - SEE DD - 77 STA. 6027+00.00

MD 355 (NORTH FREDERICK AVENUE)



LEGEND

- PROPOSED DRAINAGE STRUCTURE
- PROPOSED DRAINAGE PIPE
- ASSUMED EX. DRAINAGE PIPE TO CONNECT TO PROPOSED SYSTEM
- EX. AERIAL/STREETVIEW DRAINAGE STRUCTURE TO CONNECT TO PROP. SYSTEM
- EXISTING DRAINAGE STRUCTURE
- EXISTING DRAINAGE STRUCTURE TO REMAIN FUNCTIONAL
- EXISTING DRAINAGE STRUCTURE TO BE ABANDONED / REMOVED
- ASSUMED EX. DRAINAGE PIPE TO CONNECT TO PROPOSED SYSTEM
- EXISTING DRAINAGE PIPE
- EXISTING DRAINAGE PIPE TO REMAIN FUNCTIONAL
- EXISTING DRAINAGE PIPE TO BE ABANDONED / REMOVED

GENERAL STORM DRAIN LABEL NOTES:

- PROPOSED STORM DRAIN SIZES HAVE BEEN ESTIMATED AT THIS PHASE AND ARE SUBJECT TO CHANGE WHEN CALCULATIONS, PROFILES, AND HGLS ARE DEVELOPED.
- ATTEMPTS HAVE BEEN MADE TO UTILIZE EXISTING STORM DRAIN PIPES TO THE EXTENT PRACTICAL.
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PROFESSIONAL CERTIFICATION:
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LICENSE NO. _____ EXPIRATION DATE: _____

| NO. | REVISION | DATE | BY |
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MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION
DIVISION OF TRANSPORTATION ENGINEERING
GAITHERSBURG, MARYLAND

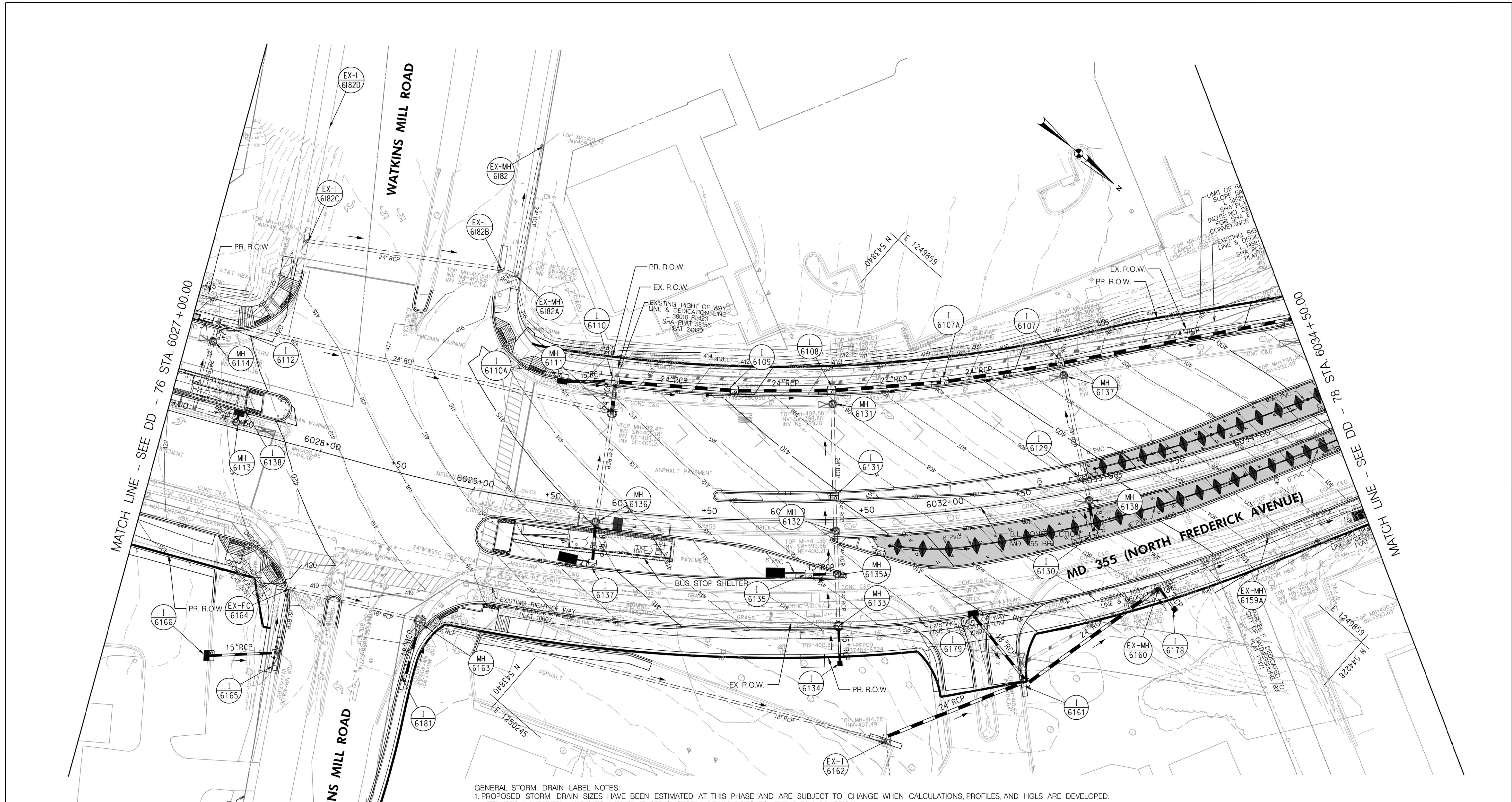
RECOMMENDED FOR APPROVAL
SEE TITLE SHEET FOR SIGNATURES
Chief, Design Section
Date _____
APPROVED
SEE TITLE SHEET FOR SIGNATURES
Chief, Division of Transportation Engineering
Date _____
Designed by: _____ Drawn by: _____ Checked by: _____

MD 355 BUS RAPID TRANSIT (BRT)

DRAINAGE PLAN
SEGMENT 6

SCALE : 1" = 30'
DATE : DECEMBER 2022

Project No. : 502005 SHEET 501 of 887



MATCH LINE - SEE DD - 76 STA. 6027+00.00

MATCH LINE - SEE DD - 81 STA. 6034+35.00

GENERAL STORM DRAIN LABEL NOTES:
 1. PROPOSED STORM DRAIN SIZES HAVE BEEN ESTIMATED AT THIS PHASE AND ARE SUBJECT TO CHANGE WHEN CALCULATIONS, PROFILES, AND HGLS ARE DEVELOPED.
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LEGEND

- PROPOSED DRAINAGE STRUCTURE
- PROPOSED DRAINAGE PIPE
- ASSUMED EX. DRAINAGE PIPE TO CONNECT TO PROPOSED SYSTEM
- EXISTING DRAINAGE STRUCTURE
- EXISTING DRAINAGE PIPE
- EXISTING DRAINAGE STRUCTURE TO REMAIN FUNCTIONAL
- EXISTING DRAINAGE PIPE TO REMAIN FUNCTIONAL
- EXISTING DRAINAGE STRUCTURE TO BE ABANDONED / REMOVED
- EXISTING DRAINAGE PIPE TO BE ABANDONED / REMOVED



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MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION
 DIVISION OF TRANSPORTATION ENGINEERING
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL
 SEE TITLE SHEET FOR SIGNATURES
 Chief, Design Section
 Date _____

APPROVED
 SEE TITLE SHEET FOR SIGNATURES
 Chief, Division of Transportation Engineering
 Date _____

Designed by: _____ Drawn by: _____ Checked by: _____

MD 355 BUS RAPID TRANSIT (BRT)

DRAINAGE PLAN
 SEGMENT 6

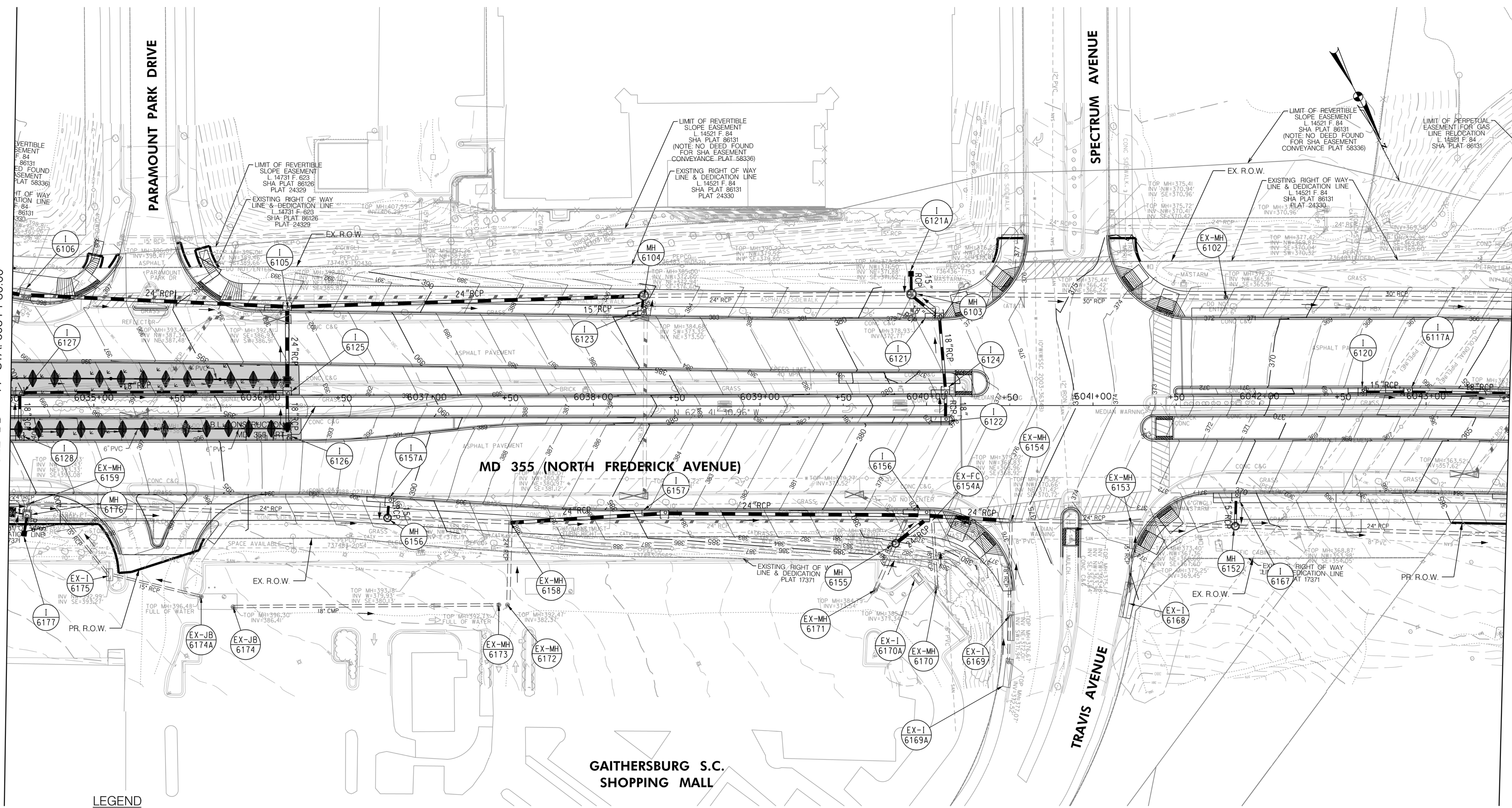
SCALE : 1" = 30'
 DATE : DECEMBER 2022

Project No. : 502005 SHEET 502 of 887

DD-77

MATCH LINE - SEE DD - 77 STA. 6034 + 50.00

MATCH LINE - SEE DD - 79 STA. 6043 + 50.00



LEGEND

- PROPOSED DRAINAGE STRUCTURE
- EX. AERIAL/STREETVIEW DRAINAGE STRUCTURE TO CONNECT TO PROP. SYSTEM
- EXISTING DRAINAGE STRUCTURE
- EXISTING DRAINAGE STRUCTURE TO REMAIN FUNCTIONAL
- EXISTING DRAINAGE STRUCTURE TO BE ABANDONED / REMOVED
- PROPOSED DRAINAGE PIPE
- ASSUMED EX. DRAINAGE PIPE TO CONNECT TO PROPOSED SYSTEM
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 (301) 962-2800
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 LICENSE NO. _____ EXPIRATION DATE: _____

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MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION
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 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL
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 Chief, Design Section _____ Date _____

APPROVED
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 Chief, Division of Transportation Engineering _____ Date _____

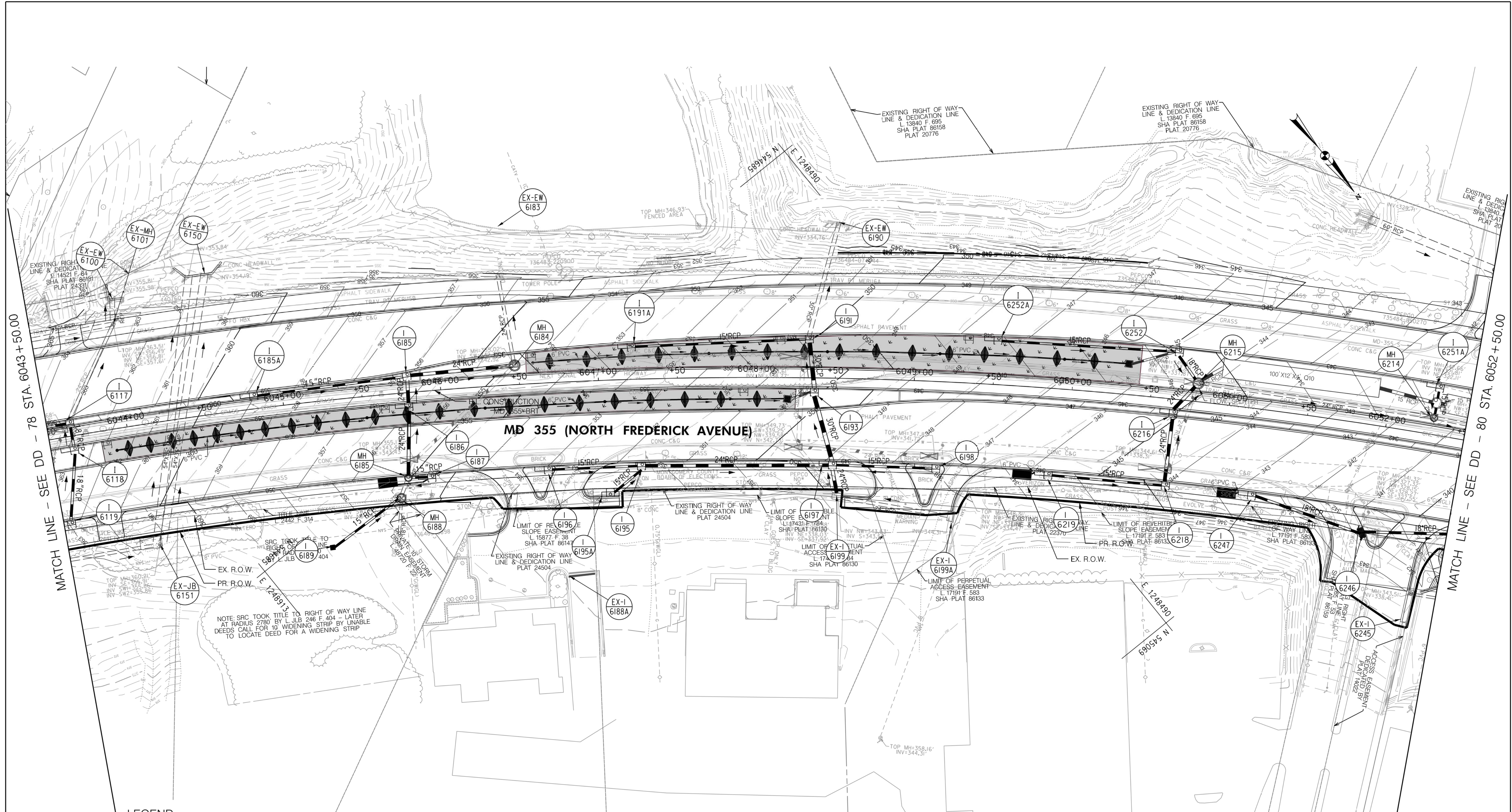
Designed by: _____ Drawn by: _____ Checked by: _____

MD 355 BUS RAPID TRANSIT (BRT)
 DRAINAGE PLAN
 SEGMENT 6

SCALE : 1" = 30'
 DATE : DECEMBER 2022

Project No. : 502005 SHEET 503 of 887

DD-78



LEGEND

| | | | |
|--|---|--|---|
| | PROPOSED DRAINAGE STRUCTURE | | PROPOSED DRAINAGE PIPE |
| | EX. AERIAL/STREETVIEW DRAINAGE STRUCTURE TO CONNECT TO PROP. SYSTEM | | ASSUMED EX. DRAINAGE PIPE TO CONNECT TO PROPOSED SYSTEM |
| | EXISTING DRAINAGE STRUCTURE | | EXISTING DRAINAGE PIPE |
| | EXISTING DRAINAGE STRUCTURE TO REMAIN FUNCTIONAL | | EXISTING DRAINAGE PIPE TO REMAIN FUNCTIONAL |
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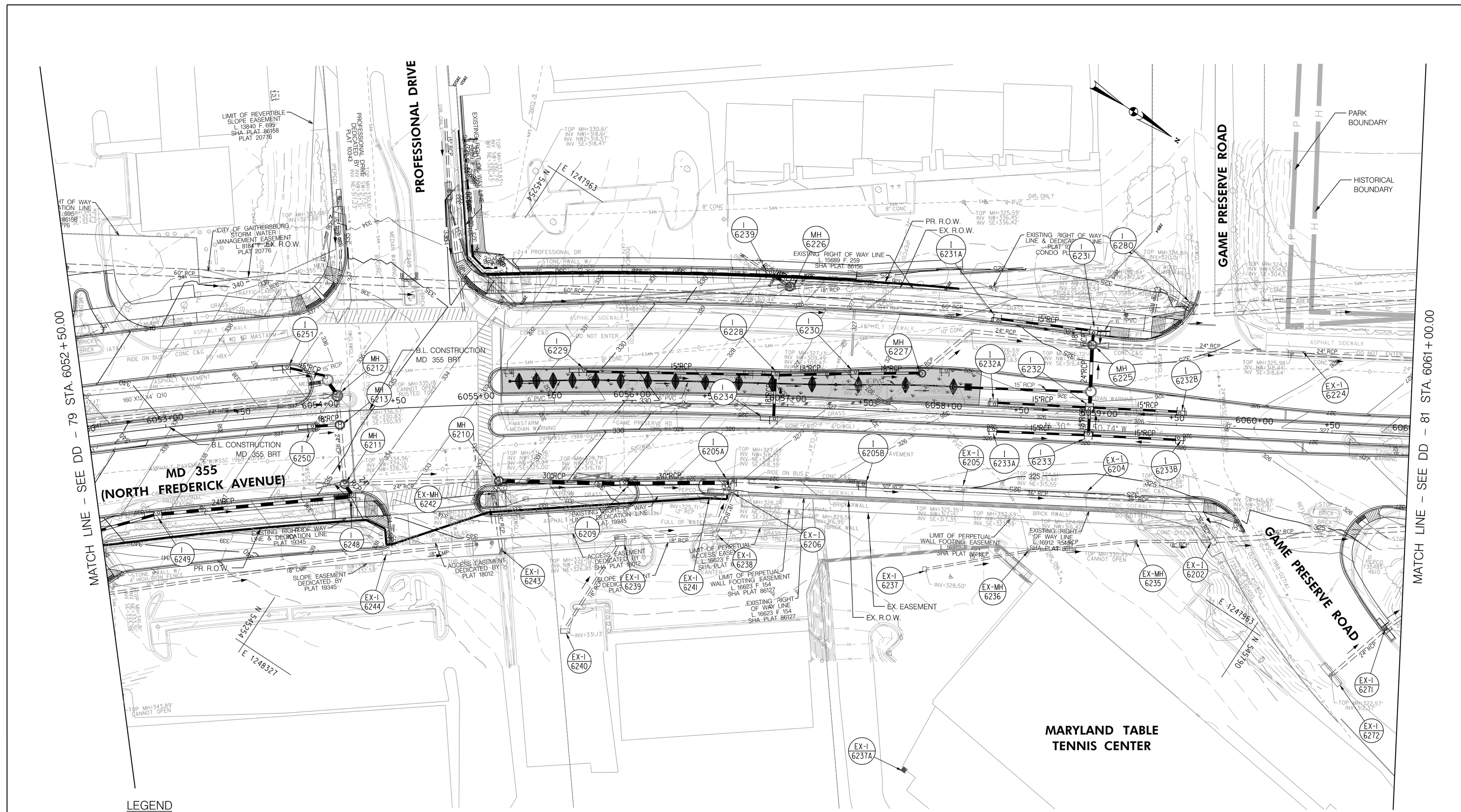
MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION
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 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL
 SEE TITLE SHEET FOR SIGNATURES
 Chief, Design Section _____ Date _____
 APPROVED
 SEE TITLE SHEET FOR SIGNATURES
 Chief, Division of Transportation Engineering _____ Date _____
 Designed by: _____ Drawn by: _____ Checked by: _____

MD 355 BUS RAPID TRANSIT (BRT)
 DRAINAGE PLAN
 SEGMENT 6

SCALE : 1" = 30'
 DATE : DECEMBER 2022
 Project No. : 502005 SHEET 504 of 887

DD-79



MATCH LINE - SEE DD - 79 STA. 6052 + 50.00

MATCH LINE - SEE DD - 81 STA. 6061 + 00.00

LEGEND

- | | | | |
|--|---|--|---|
| | PROPOSED DRAINAGE STRUCTURE | | PROPOSED 48" RCP DRAINAGE PIPE |
| | EXISTING DRAINAGE STRUCTURE | | ASSUMED EX. DRAINAGE PIPE TO CONNECT TO PROPOSED SYSTEM |
| | EXISTING DRAINAGE STRUCTURE TO REMAIN FUNCTIONAL | | EXISTING DRAINAGE PIPE |
| | EXISTING DRAINAGE STRUCTURE TO BE ABANDONED / REMOVED | | EXISTING DRAINAGE PIPE TO REMAIN FUNCTIONAL |
| | | | EXISTING DRAINAGE PIPE TO BE ABANDONED / REMOVED |

GENERAL STORM DRAIN LABEL NOTES:
 1. PROPOSED STORM DRAIN SIZES HAVE BEEN ESTIMATED AT THIS PHASE AND ARE SUBJECT TO CHANGE WHEN CALCULATIONS, PROFILES, AND HGLS ARE DEVELOPED.
 2. ATTEMPTS HAVE BEEN MADE TO UTILIZE EXISTING STORM DRAIN PIPES TO THE EXTENT PRACTICAL.
 3. WHEN CALCULATIONS, PROFILES, AND HGLS ARE DEVELOPED IT MAY BE DETERMINED THAT THE EXISTING STORM DRAIN PIPE DOES NOT FUNCTION ADEQUATELY AND MAY NEED TO BE REPLACED.
 4. EXISTING STORM DRAIN PIPES AND STRUCTURES TO REMAIN IN PLACE AND ONLINE WILL NEED TO BE INSPECTED AT A LATER PHASE TO DETERMINE THEIR CURRENT CONDITIONS AND MAY NEED TO BE CLEANED, REPAIRED, OR REPLACED.



PROFESSIONAL CERTIFICATION:
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
 LICENSE NO. _____ EXPIRATION DATE: _____

| NO. | REVISION | DATE | BY |
|-----|----------|------|----|
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| | | | |

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION
 DIVISION OF TRANSPORTATION ENGINEERING
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL
 SEE TITLE SHEET FOR SIGNATURES
 Chief, Design Section _____ Date _____

APPROVED
 SEE TITLE SHEET FOR SIGNATURES
 Chief, Division of Transportation Engineering _____ Date _____

Designed by: _____ Drawn by: _____ Checked by: _____

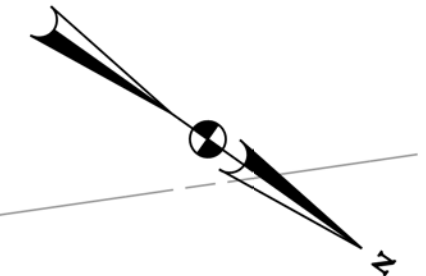
MD 355 BUS RAPID TRANSIT (BRT)
 DRAINAGE PLAN
 SEGMENT 6

SCALE : 1" = 30'
 DATE : DECEMBER 2022

Project No. : 502005 SHEET 505 of 887

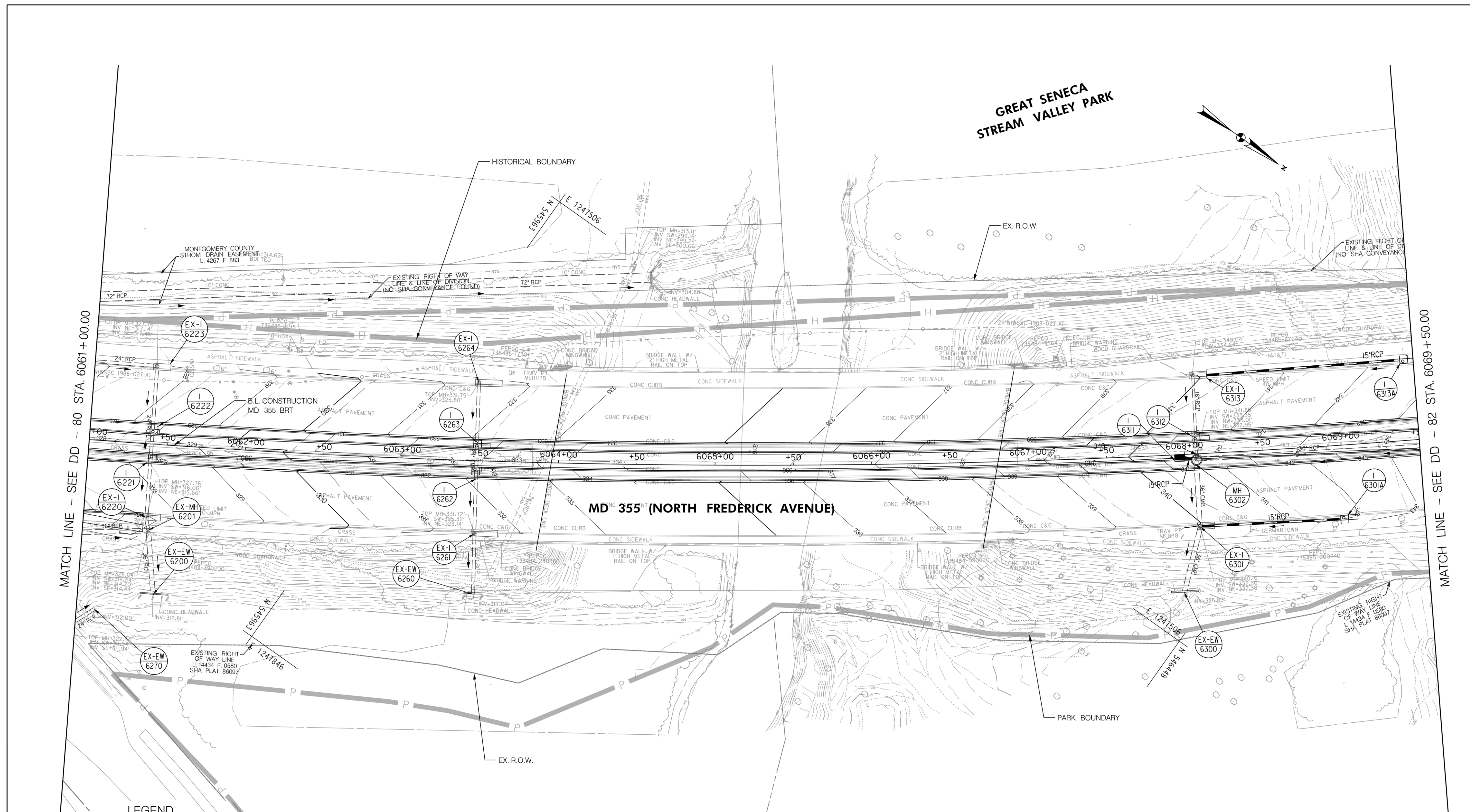
DD-80

**GREAT SENECA
STREAM VALLEY PARK**



MATCH LINE - SEE DD - 80 STA. 6061+00.00

MATCH LINE - SEE DD - 82 STA. 6069+50.00



MD 355 (NORTH FREDERICK AVENUE)

LEGEND

- PROPOSED DRAINAGE STRUCTURE
- PROPOSED 48" RCP DRAINAGE PIPE
- EX. AERIAL/STREETVIEW DRAINAGE STRUCTURE TO CONNECT TO PROP. SYSTEM
- ASSUMED EX. DRAINAGE PIPE TO CONNECT TO PROPOSED SYSTEM
- EXISTING DRAINAGE STRUCTURE
- EXISTING DRAINAGE PIPE
- EXISTING DRAINAGE STRUCTURE TO REMAIN FUNCTIONAL
- EXISTING DRAINAGE PIPE TO REMAIN FUNCTIONAL
- EXISTING DRAINAGE STRUCTURE TO BE ABANDONED / REMOVED
- EXISTING DRAINAGE PIPE TO BE ABANDONED / REMOVED

GENERAL STORM DRAIN LABEL NOTES:
 1. PROPOSED STORM DRAIN SIZES HAVE BEEN ESTIMATED AT THIS PHASE AND ARE SUBJECT TO CHANGE WHEN CALCULATIONS, PROFILES, AND HGLS ARE DEVELOPED.
 2. ATTEMPTS HAVE BEEN MADE TO UTILIZE EXISTING STORM DRAIN PIPES TO THE EXTENT PRACTICAL.
 3. WHEN CALCULATIONS, PROFILES, AND HGLS ARE DEVELOPED IT MAY BE DETERMINED THAT THE EXISTING STORM DRAIN PIPE DOES NOT FUNCTION ADEQUATELY AND MAY NEED TO BE REPLACED.
 4. EXISTING STORM DRAIN PIPES AND STRUCTURES TO REMAIN IN PLACE AND ONLINE WILL NEED TO BE INSPECTED AT A LATER PHASE TO DETERMINE THEIR CURRENT CONDITIONS AND MAY NEED TO BE CLEANED, REPAIRED, OR REPLACED.



PROFESSIONAL CERTIFICATION:
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
 LICENSE NO. _____ EXPIRATION DATE: _____

| NO. | REVISION | DATE | BY |
|-----|----------|------|----|
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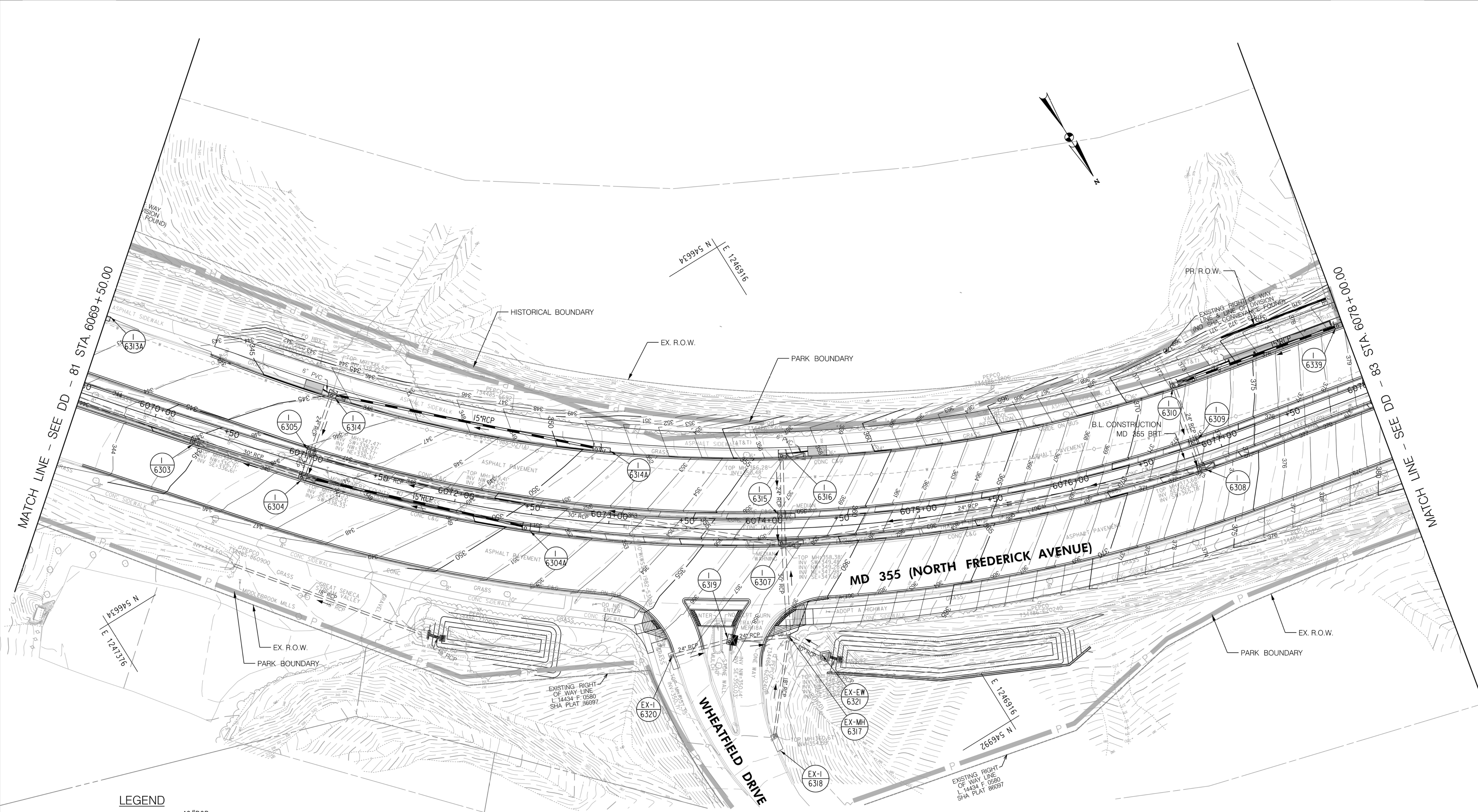
MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION
 DIVISION OF TRANSPORTATION ENGINEERING
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL
 SEE TITLE SHEET FOR SIGNATURES _____ Date _____
 Chief, Design Section
 APPROVED
 SEE TITLE SHEET FOR SIGNATURES _____ Date _____
 Chief, Division of Transportation Engineering
 Designed by: _____ Drawn by: _____ Checked by: _____

MD 355 BUS RAPID TRANSIT (BRT)

**DRAINAGE PLAN
 SEGMENT 6**

SCALE : 1" = 30'
 DATE : DECEMBER 2022
 Project No. : 502005 SHEET 506 of 887



LEGEND

| | | | |
|--|---|--|---|
| | PROPOSED DRAINAGE STRUCTURE | | PROPOSED DRAINAGE PIPE |
| | EX. AERIAL/STREETVIEW DRAINAGE STRUCTURE TO CONNECT TO PROP. SYSTEM | | ASSUMED EX. DRAINAGE PIPE TO CONNECT TO PROPOSED SYSTEM |
| | EXISTING DRAINAGE STRUCTURE TO REMAIN FUNCTIONAL | | EXISTING DRAINAGE PIPE |
| | EXISTING DRAINAGE STRUCTURE TO BE ABANDONED / REMOVED | | EXISTING DRAINAGE PIPE TO REMAIN FUNCTIONAL |
| | | | EXISTING DRAINAGE PIPE TO BE ABANDONED / REMOVED |

GENERAL STORM DRAIN LABEL NOTES:
 1. PROPOSED STORM DRAIN SIZES HAVE BEEN ESTIMATED AT THIS PHASE AND ARE SUBJECT TO CHANGE WHEN CALCULATIONS, PROFILES, AND HGLS ARE DEVELOPED.
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 LICENSE NO. _____ EXPIRATION DATE: _____

| NO. | REVISION | DATE | BY |
|-----|----------|------|----|
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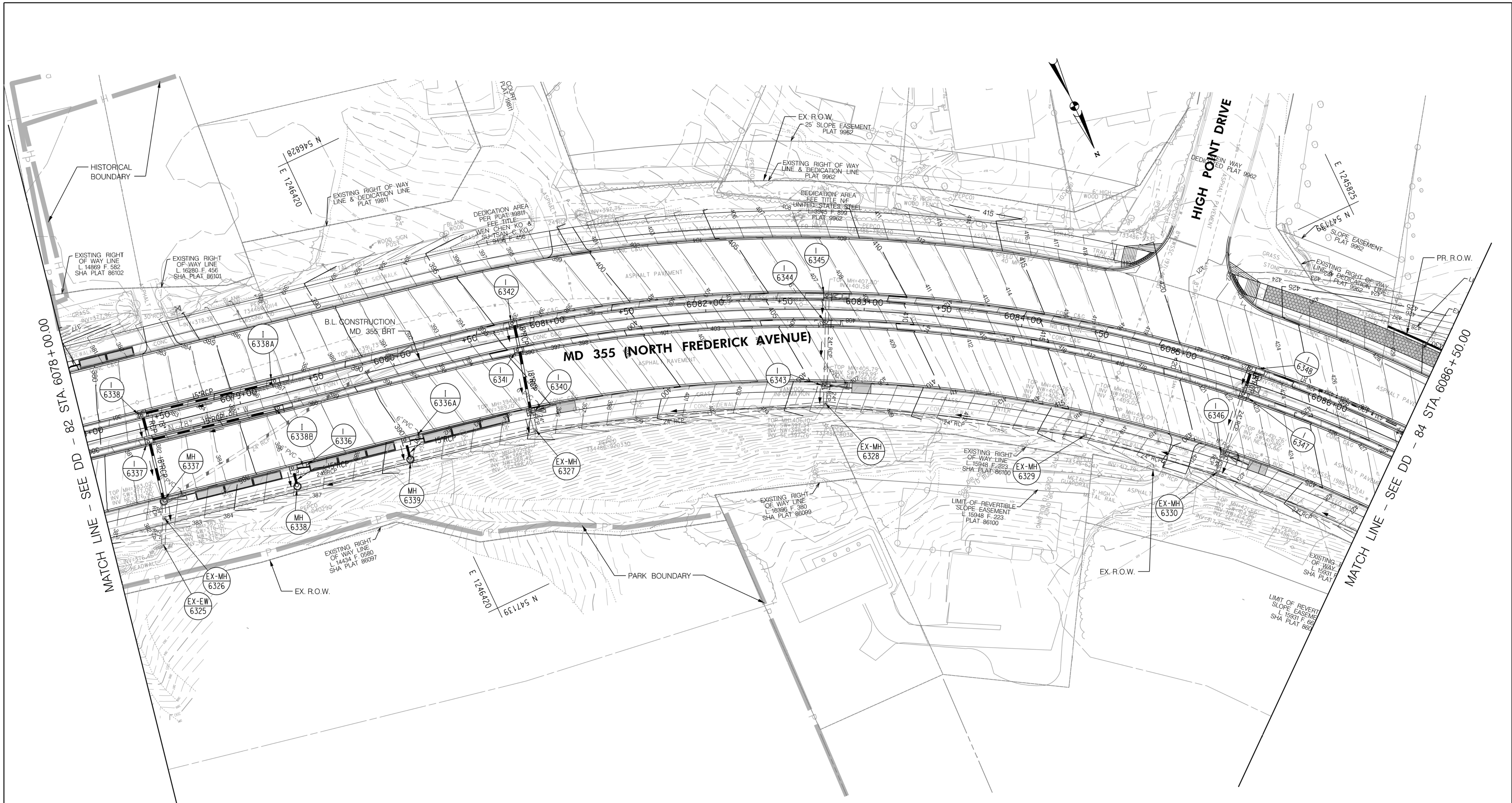
MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION
 DIVISION OF TRANSPORTATION ENGINEERING
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL
 SEE TITLE SHEET FOR SIGNATURES
 Chief, Design Section
 APPROVED
 SEE TITLE SHEET FOR SIGNATURES
 Chief, Division of Transportation Engineering
 Design by: _____ Drawn by: _____ Checked by: _____

DD-82

MD 355 BUS RAPID TRANSIT (BRT)
 DRAINAGE PLAN
 SEGMENT 6

SCALE : 1" = 30'
 DATE : DECEMBER 2022
 Project No. : 502005 SHEET 507 of 887



LEGEND

- | | | | |
|--|---|--|---|
| | PROPOSED DRAINAGE STRUCTURE | | PROPOSED DRAINAGE PIPE |
| | EX. AERIAL/STREETVIEW DRAINAGE STRUCTURE TO CONNECT TO PROP. SYSTEM | | ASSUMED EX. DRAINAGE PIPE TO CONNECT TO PROPOSED SYSTEM |
| | EXISTING DRAINAGE STRUCTURE | | EXISTING DRAINAGE PIPE |
| | EXISTING DRAINAGE STRUCTURE TO REMAIN FUNCTIONAL | | EXISTING DRAINAGE PIPE TO REMAIN FUNCTIONAL |
| | EXISTING DRAINAGE STRUCTURE TO BE ABANDONED / REMOVED | | EXISTING DRAINAGE PIPE TO BE ABANDONED / REMOVED |

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 LICENSE NO: _____ EXPIRATION DATE: _____

| NO. | REVISION | DATE | BY |
|-----|----------|------|----|
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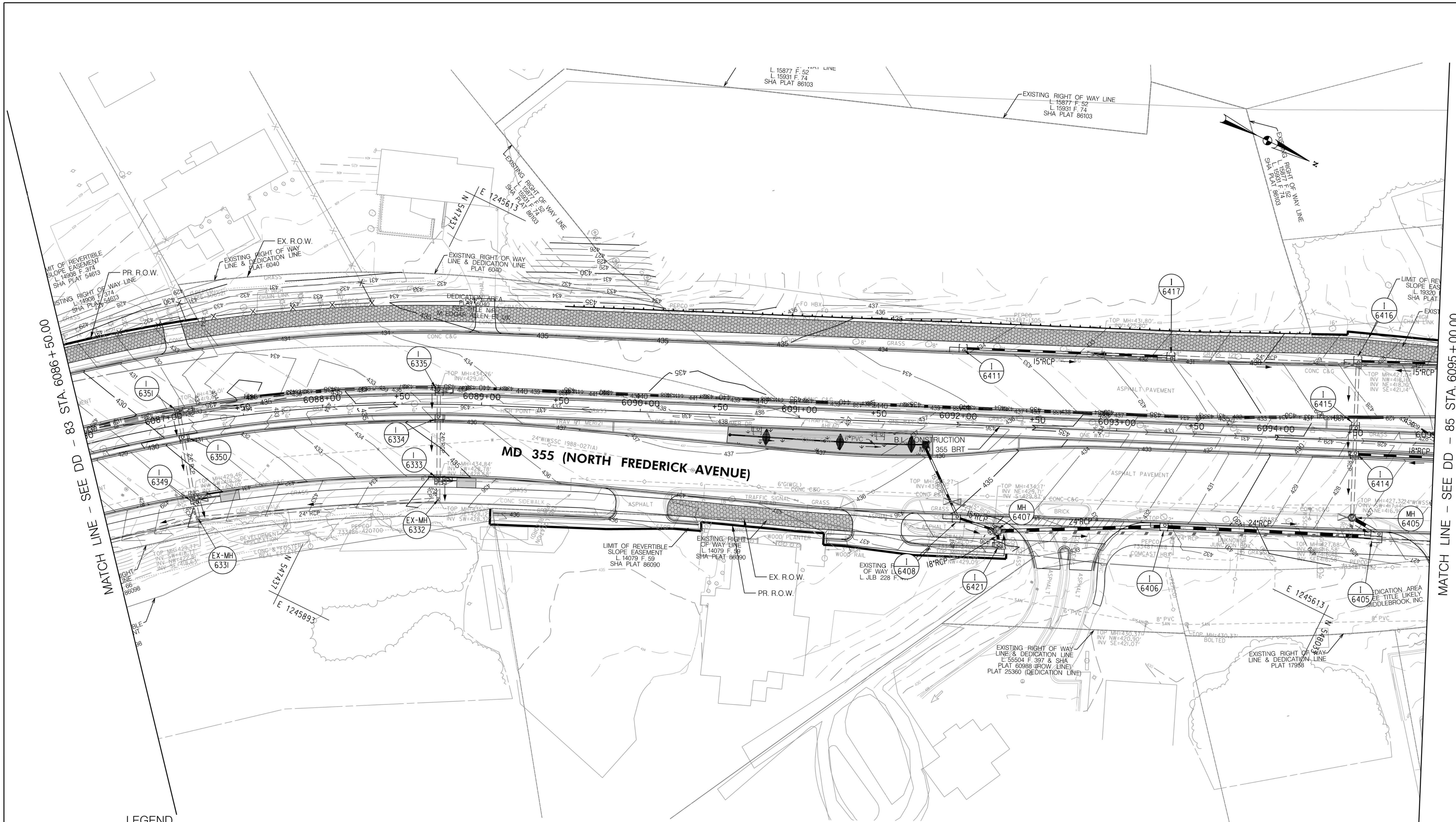
MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION
 DIVISION OF TRANSPORTATION ENGINEERING
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL
 SEE TITLE SHEET FOR SIGNATURES _____ Date _____
 Chief, Design Section
 APPROVED
 SEE TITLE SHEET FOR SIGNATURES _____ Date _____
 Chief, Division of Transportation Engineering
 Designed by: _____ Drawn by: _____ Checked by: _____

MD 355 BUS RAPID TRANSIT (BRT)
 DRAINAGE PLAN
 SEGMENT 6

SCALE : 1" = 30'
 DATE : DECEMBER 2022

Project No. : 502005 SHEET 508 of 887



MATCH LINE - SEE DD - 83 STA. 6086 + 50.00

MATCH LINE - SEE DD - 85 STA. 6095 + 00.00

LEGEND

- | | | | |
|--|---|--|---|
| | PROPOSED DRAINAGE STRUCTURE | | PROPOSED DRAINAGE PIPE |
| | EX. AERIAL/STREETVIEW DRAINAGE STRUCTURE TO CONNECT TO PROP. SYSTEM | | ASSUMED EX. DRAINAGE PIPE TO CONNECT TO PROPOSED SYSTEM |
| | EXISTING DRAINAGE STRUCTURE | | EXISTING DRAINAGE PIPE |
| | EXISTING DRAINAGE STRUCTURE TO REMAIN FUNCTIONAL | | EXISTING DRAINAGE PIPE TO REMAIN FUNCTIONAL |
| | EXISTING DRAINAGE STRUCTURE TO BE ABANDONED / REMOVED | | EXISTING DRAINAGE PIPE TO BE ABANDONED / REMOVED |

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 LICENSE NO. _____ EXPIRATION DATE: _____

| NO. | REVISION | DATE | BY |
|-----|----------|------|----|
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MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION
 DIVISION OF TRANSPORTATION ENGINEERING
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL
 SEE TITLE SHEET FOR SIGNATURES
 Chief, Design Section
 APPROVED
 SEE TITLE SHEET FOR SIGNATURES
 Chief, Division of Transportation Engineering
 Design by: _____ Drawn by: _____ Checked by: _____

MD 355 BUS RAPID TRANSIT (BRT)

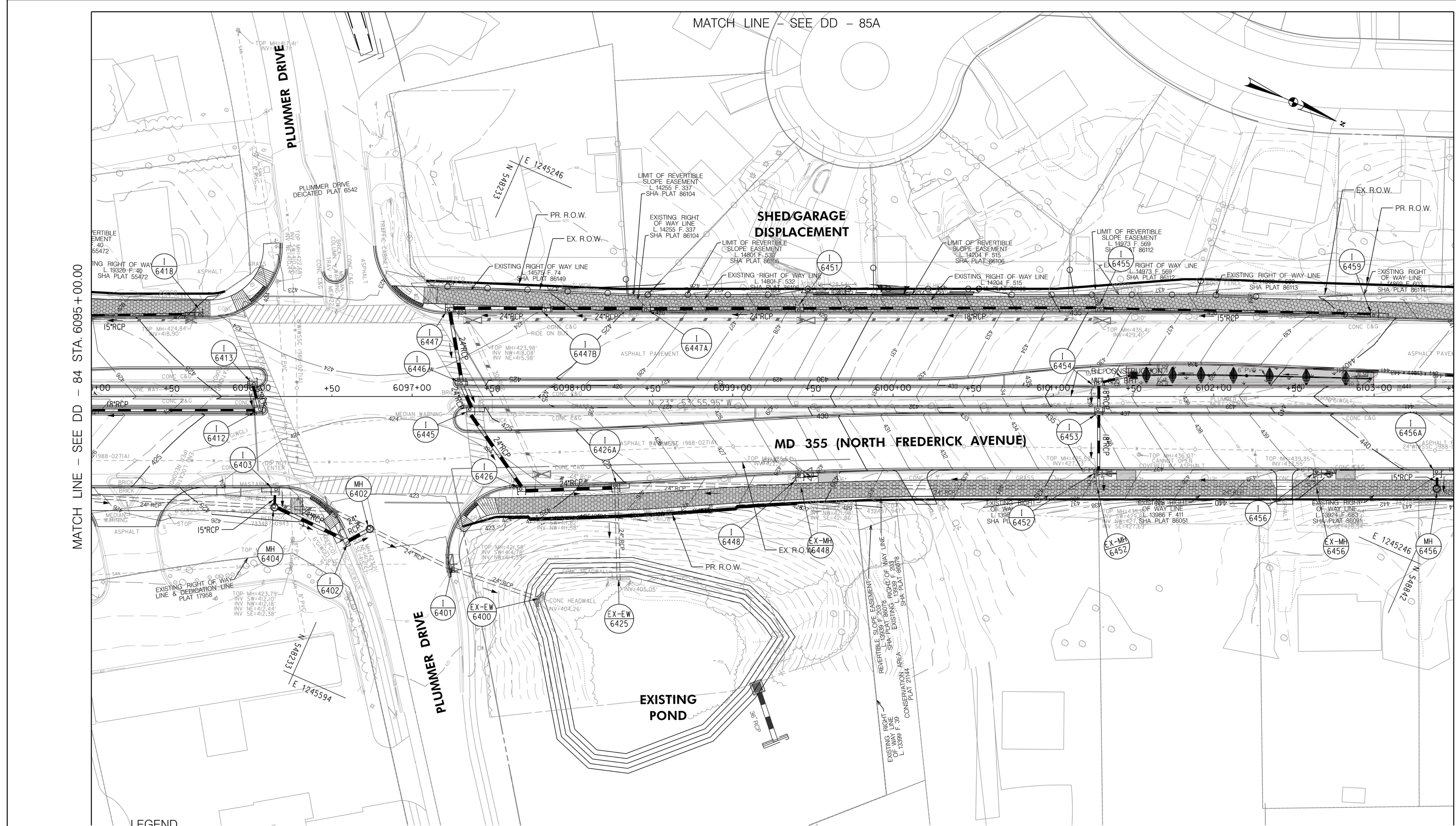
DRAINAGE PLAN
 SEGMENT 6

SCALE : 1" = 30'
 DATE : DECEMBER 2022
 Project No. : 502005 SHEET 509 of 887

MATCH LINE - SEE DD - 85A

MATCH LINE - SEE DD - 84 STA. 6095+00.00

MATCH LINE - SEE DD - 86 STA. 6103+50.00



LEGEND

| | | | |
|--|---|--|---|
| | PROPOSED DRAINAGE STRUCTURE | | PROPOSED DRAINAGE PIPE |
| | EX. AERIAL/STREETVIEW DRAINAGE STRUCTURE TO CONNECT TO PROP. SYSTEM (ASSUMED) | | ASSUMED EX. DRAINAGE PIPE TO CONNECT TO PROPOSED SYSTEM |
| | EXISTING DRAINAGE STRUCTURE | | EXISTING DRAINAGE PIPE |
| | EXISTING DRAINAGE STRUCTURE TO REMAIN FUNCTIONAL | | EXISTING DRAINAGE PIPE TO REMAIN FUNCTIONAL |
| | EXISTING DRAINAGE STRUCTURE TO BE ABANDONED / REMOVED | | EXISTING DRAINAGE PIPE TO BE ABANDONED / REMOVED |

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 LICENSE NO. _____ EXPIRATION DATE: _____

| NO. | REVISION | DATE | BY |
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MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION
 DIVISION OF TRANSPORTATION ENGINEERING
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL
 SEE TITLE SHEET FOR SIGNATURES
 Chief, Design Section
 Date

APPROVED
 SEE TITLE SHEET FOR SIGNATURES
 Chief, Division of Transportation Engineering
 Date

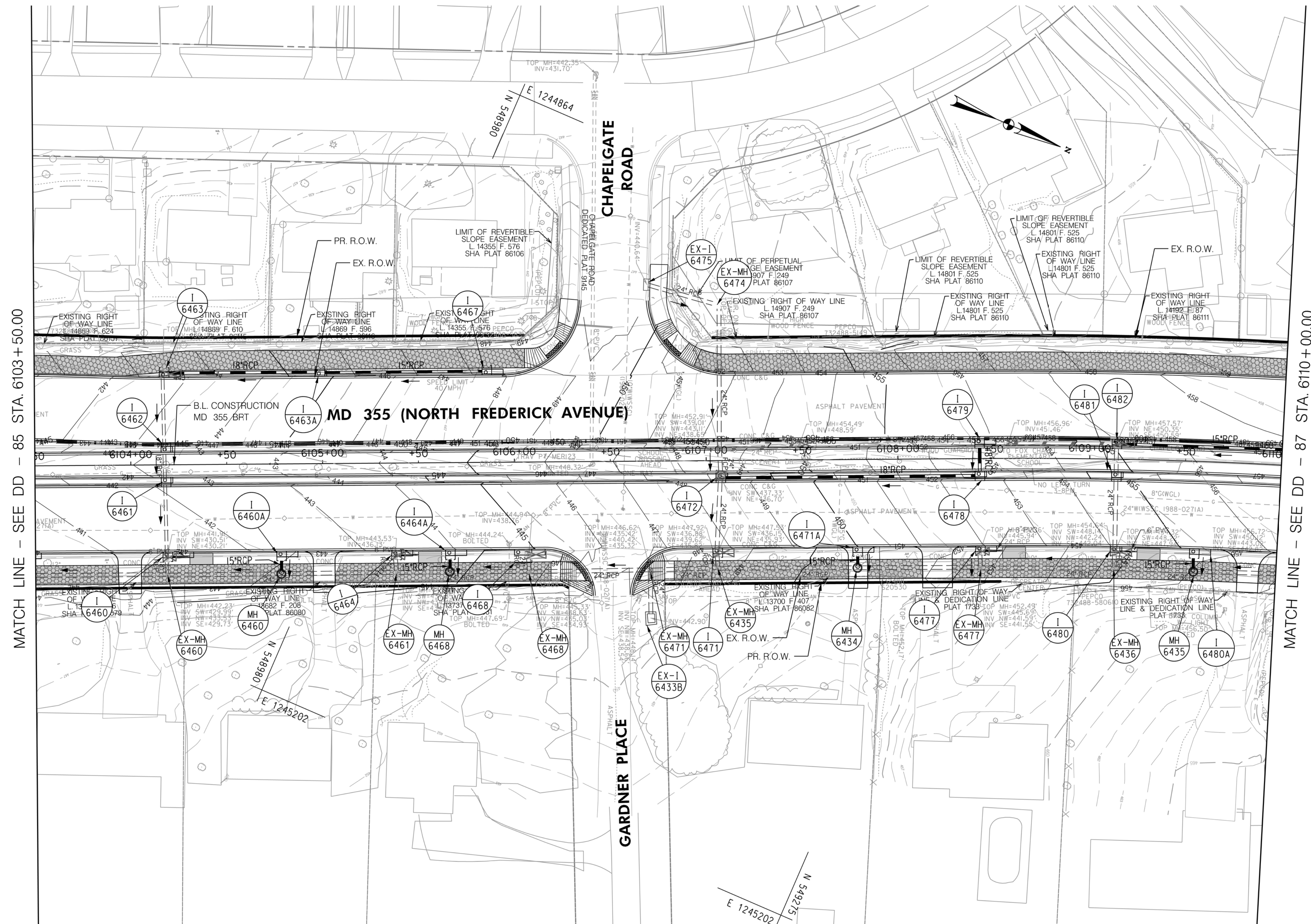
Designed by: _____ Drawn by: _____ Checked by: _____

MD 355 BUS RAPID TRANSIT (BRT)
 DRAINAGE PLAN
 SEGMENT 6

SCALE : 1" = 30'
 DATE : DECEMBER 2022

Project No. : 502005 SHEET 510 of 887

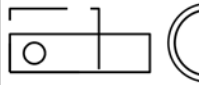
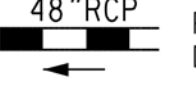







DD-85



MATCH LINE - SEE DD - 85 STA. 6103+50.00

MATCH LINE - SEE DD - 87 STA. 6110+00.00

LEGEND

-  PROPOSED DRAINAGE STRUCTURE
-  PROPOSED 48" RCP DRAINAGE PIPE
-  ASSUMED EX. DRAINAGE PIPE TO CONNECT TO PROPOSED SYSTEM
-  EXISTING DRAINAGE STRUCTURE
-  EXISTING DRAINAGE PIPE
-  EXISTING DRAINAGE STRUCTURE TO REMAIN FUNCTIONAL
-  EXISTING DRAINAGE PIPE TO REMAIN FUNCTIONAL
-  EXISTING DRAINAGE STRUCTURE TO BE ABANDONED / REMOVED
-  EXISTING DRAINAGE PIPE TO BE ABANDONED / REMOVED

GENERAL STORM DRAIN LABEL NOTES:
 1. PROPOSED STORM DRAIN SIZES HAVE BEEN ESTIMATED AT THIS PHASE AND ARE SUBJECT TO CHANGE WHEN CALCULATIONS, PROFILES, AND HGLS ARE DEVELOPED.
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PROFESSIONAL CERTIFICATION:
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 LICENSE NO. _____ EXPIRATION DATE: _____

| NO. | REVISION | DATE | BY |
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MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION
 DIVISION OF TRANSPORTATION ENGINEERING
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL
 SEE TITLE SHEET FOR SIGNATURES
 Chief, Design Section
 Date _____

APPROVED
 SEE TITLE SHEET FOR SIGNATURES
 Chief, Division of Transportation Engineering
 Date _____

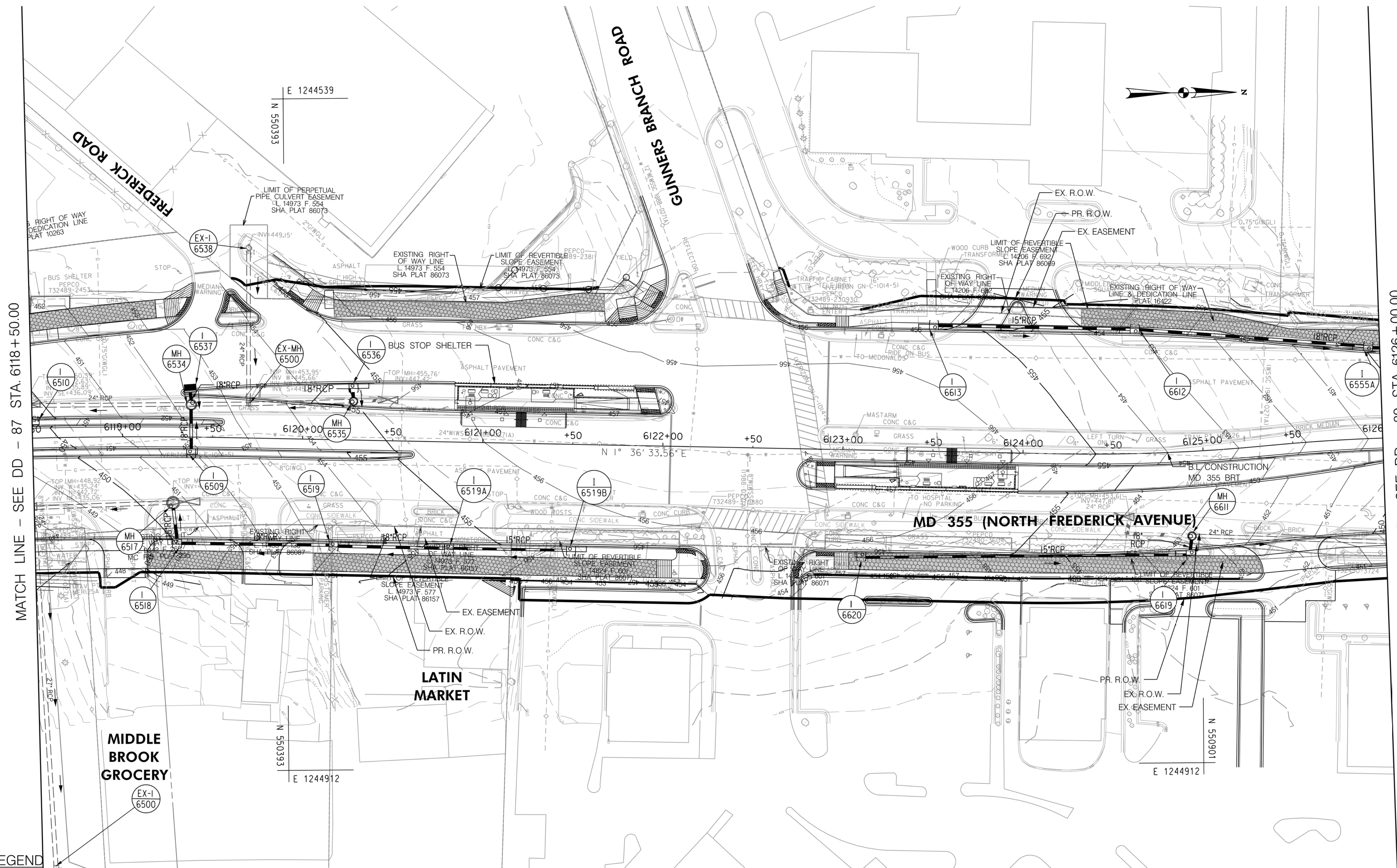
Designed by: _____ Drawn by: _____ Checked by: _____

DD-86

MD 355 BUS RAPID TRANSIT (BRT)
 DRAINAGE PLAN
 SEGMENT 6

SCALE : 1" = 30'
 DATE : DECEMBER 2022

Project No. : 502005 SHEET 511 of 887



MATCH LINE - SEE DD - 87 STA. 6118 + 50.00

MATCH LINE - SEE DD - 89 STA. 6126 + 00.00

LEGEND

| | | | |
|--|---|--|---|
| | PROPOSED DRAINAGE STRUCTURE | | PROPOSED DRAINAGE PIPE |
| | EX. AERIAL/STREETVIEW DRAINAGE STRUCTURE TO CONNECT TO PROP. SYSTEM | | ASSUMED EX. DRAINAGE PIPE TO CONNECT TO PROPOSED SYSTEM |
| | EXISTING DRAINAGE STRUCTURE | | EXISTING DRAINAGE PIPE |
| | EXISTING DRAINAGE STRUCTURE TO REMAIN FUNCTIONAL | | EXISTING DRAINAGE PIPE TO REMAIN FUNCTIONAL |
| | EXISTING DRAINAGE STRUCTURE TO BE ABANDONED / REMOVED | | EXISTING DRAINAGE PIPE TO BE ABANDONED / REMOVED |

GENERAL STORM DRAIN LABEL NOTES:
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 LICENSE NO. _____ EXPIRATION DATE: _____

| NO. | REVISION | DATE | BY |
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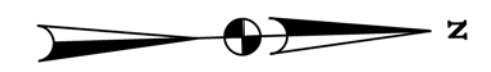
MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION
 DIVISION OF TRANSPORTATION ENGINEERING
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL
 SEE TITLE SHEET FOR SIGNATURES _____ Date _____
 Chief, Design Section
 APPROVED
 SEE TITLE SHEET FOR SIGNATURES _____ Date _____
 Chief, Division of Transportation Engineering
 Designed by: _____ Drawn by: _____ Checked by: _____

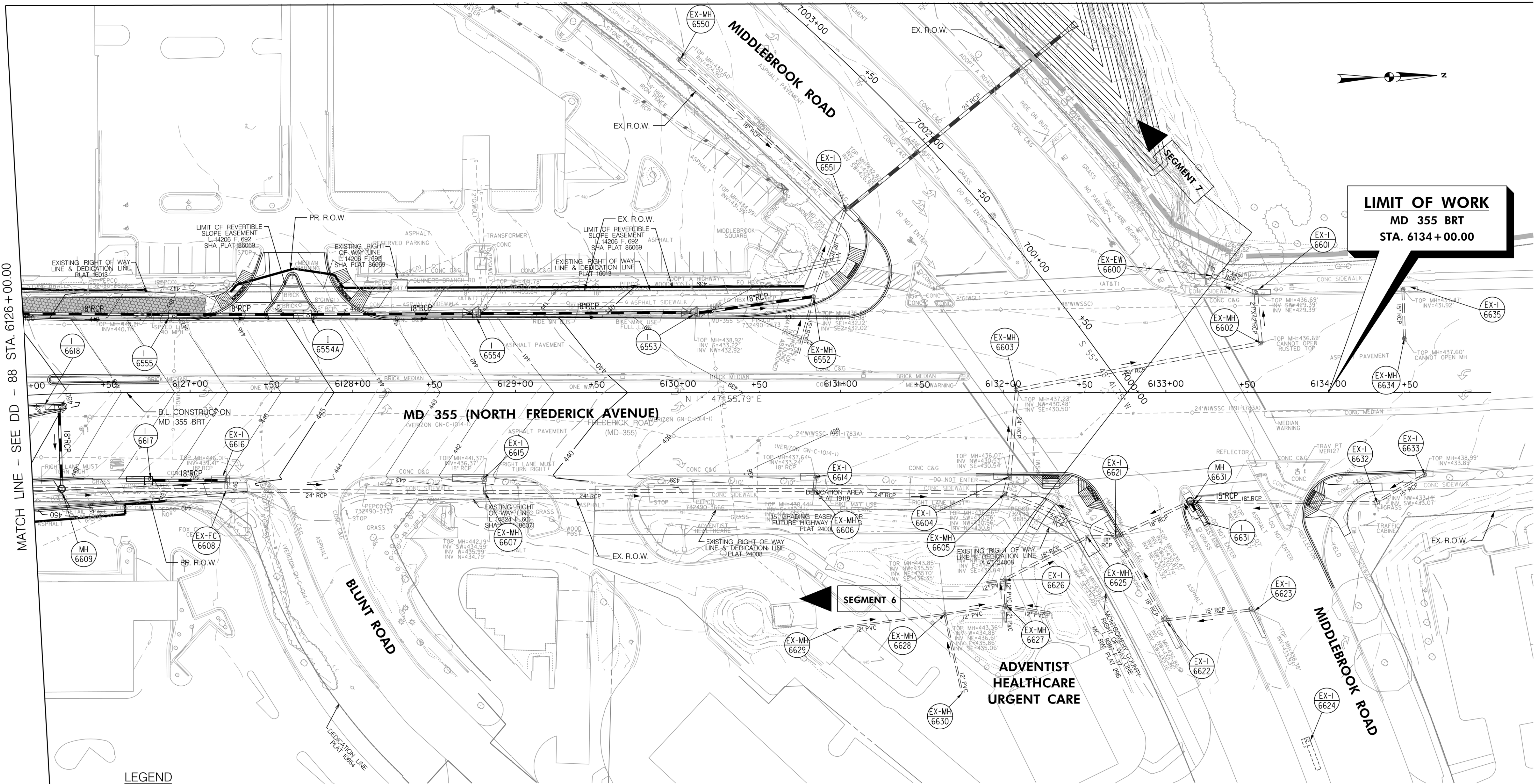
MD 355 BUS RAPID TRANSIT (BRT)
 DRAINAGE PLAN
 SEGMENT 6

SCALE : 1" = 30'
 DATE : DECEMBER 2022
 Project No. : 502005 SHEET 513 of 887

MATCH LINE - SEE DD - 89A



MATCH LINE - SEE DD - 88 STA. 6126 + 00.00



LIMIT OF WORK
MD 355 BRT
STA. 6134 + 00.00

LEGEND

- PROPOSED DRAINAGE STRUCTURE
- PROPOSED DRAINAGE PIPE
- ASSUMED EX. DRAINAGE PIPE TO CONNECT TO PROPOSED SYSTEM
- EX. AERIAL/STREETVIEW DRAINAGE STRUCTURE TO CONNECT TO PROP. SYSTEM
- EXISTING DRAINAGE STRUCTURE
- EXISTING DRAINAGE STRUCTURE TO REMAIN FUNCTIONAL
- EXISTING DRAINAGE STRUCTURE TO BE ABANDONED / REMOVED
- PROPOSED DRAINAGE PIPE
- ASSUMED EX. DRAINAGE PIPE TO CONNECT TO PROPOSED SYSTEM
- EXISTING DRAINAGE PIPE
- EXISTING DRAINAGE PIPE TO REMAIN FUNCTIONAL
- EXISTING DRAINAGE PIPE TO BE ABANDONED / REMOVED

GENERAL STORM DRAIN LABEL NOTES:

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Stantec
6110 FROST PLACE,
LAUREL, MARYLAND 20707
(301) 982-2800
www.stantec.com

PROFESSIONAL CERTIFICATION:
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO. _____ EXPIRATION DATE: _____

| NO. | REVISION | DATE | BY |
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MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION
DIVISION OF TRANSPORTATION ENGINEERING
GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL
SEE TITLE SHEET FOR SIGNATURES _____ Date _____
Chief, Design Section

APPROVED
SEE TITLE SHEET FOR SIGNATURES _____ Date _____
Chief, Division of Transportation Engineering

Designed by: _____ Drawn by: _____ Checked by: _____

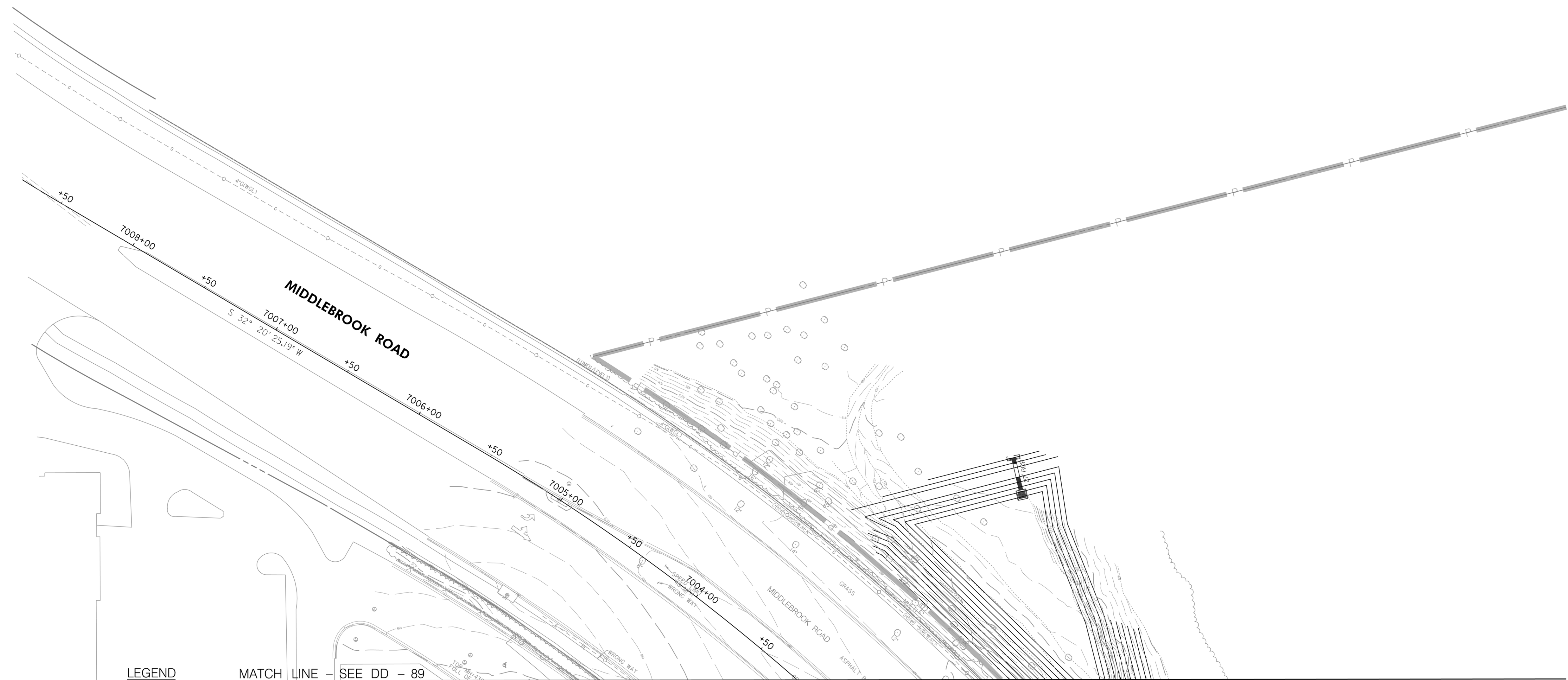
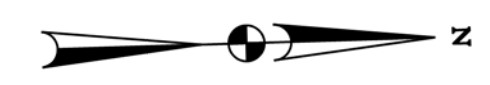
MD 355 BUS RAPID TRANSIT (BRT)

DRAINAGE PLAN
SEGMENT 6 - SEGMENT 7

SCALE : 1" = 30'
DATE : DECEMBER 2022

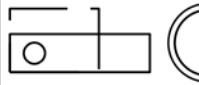


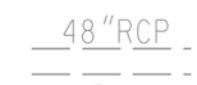
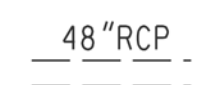

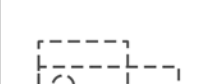



Project No. : 502005 SHEET 514 of 887

DD-89



LEGEND

MATCH LINE - SEE DD - 89

- 
 PROPOSED DRAINAGE STRUCTURE
- 
 PROPOSED DRAINAGE PIPE
- 
 ASSUMED EX. DRAINAGE PIPE TO CONNECT TO PROPOSED SYSTEM
- 
 EXISTING DRAINAGE PIPE
- 
 EXISTING DRAINAGE PIPE TO REMAIN FUNCTIONAL
- 
 EXISTING DRAINAGE PIPE TO BE ABANDONED / REMOVED
- 
 EX. AERIAL/STREETVIEW DRAINAGE STRUCTURE TO CONNECT TO PROP. SYSTEM
- 
 EXISTING DRAINAGE STRUCTURE
- 
 EXISTING DRAINAGE STRUCTURE TO REMAIN FUNCTIONAL
- 
 EXISTING DRAINAGE STRUCTURE TO BE ABANDONED / REMOVED

GENERAL STORM DRAIN LABEL NOTES:
 1. PROPOSED STORM DRAIN SIZES HAVE BEEN ESTIMATED AT THIS PHASE AND ARE SUBJECT TO CHANGE WHEN CALCULATIONS, PROFILES, AND HGLS ARE DEVELOPED.
 2. ATTEMPTS HAVE BEEN MADE TO UTILIZE EXISTING STORM DRAIN PIPES TO THE EXTENT PRACTICAL.
 3. WHEN CALCULATIONS, PROFILES, AND HGLS ARE DEVELOPED IT MAY BE DETERMINED THAT THE EXISTING STORM DRAIN PIPE DOES NOT FUNCTION ADEQUATELY AND MAY NEED TO BE REPLACED.
 4. EXISTING STORM DRAIN PIPES AND STRUCTURES TO REMAIN IN PLACE AND ONLINE WILL NEED TO BE INSPECTED AT A LATER PHASE TO DETERMINE THEIR CURRENT CONDITIONS AND MAY NEED TO BE CLEANED, REPAIRED, OR REPLACED.



PROFESSIONAL CERTIFICATION:
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
 LICENSE NO: _____ EXPIRATION DATE: _____

| NO. | REVISION | DATE | BY |
|-----|----------|------|----|
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MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION
 DIVISION OF TRANSPORTATION ENGINEERING
 GAITHERSBURG, MARYLAND

RECOMMENDED FOR APPROVAL
 SEE TITLE SHEET FOR SIGNATURES _____ Date _____
 Chief, Design Section
 APPROVED
 SEE TITLE SHEET FOR SIGNATURES _____ Date _____
 Chief, Division of Transportation Engineering
 Designed by : _____ Drawn by : _____ Checked by : _____

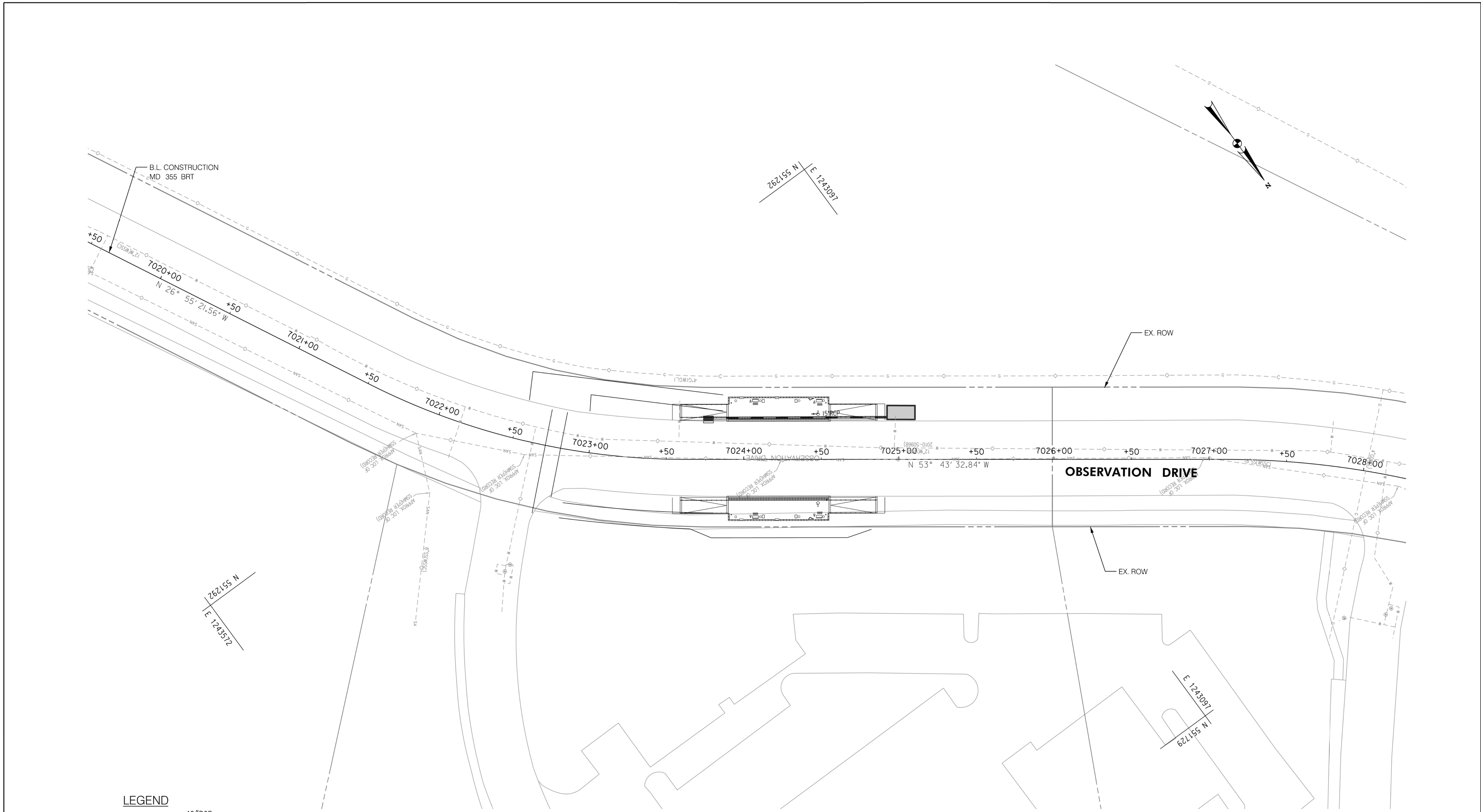
DD-89A

MD 355 BUS RAPID TRANSIT (BRT)

DRAINAGE PLAN
 SEGMENT 6 - SEGMENT 7

SCALE : 1" = 30' DATE : DECEMBER 2022

Project No. : 502005 SHEET 515 of 887



LEGEND

| | | | |
|--|---|--|---|
| | PROPOSED DRAINAGE STRUCTURE | | PROPOSED DRAINAGE PIPE |
| | EXISTING DRAINAGE STRUCTURE TO REMAIN FUNCTIONAL | | ASSUMED EX. DRAINAGE PIPE TO CONNECT TO PROPOSED SYSTEM |
| | EXISTING DRAINAGE STRUCTURE TO BE ABANDONED / REMOVED | | EXISTING DRAINAGE PIPE |
| | | | EXISTING DRAINAGE PIPE TO REMAIN FUNCTIONAL |
| | | | EXISTING DRAINAGE PIPE TO BE ABANDONED / REMOVED |

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 Chief, Design Section
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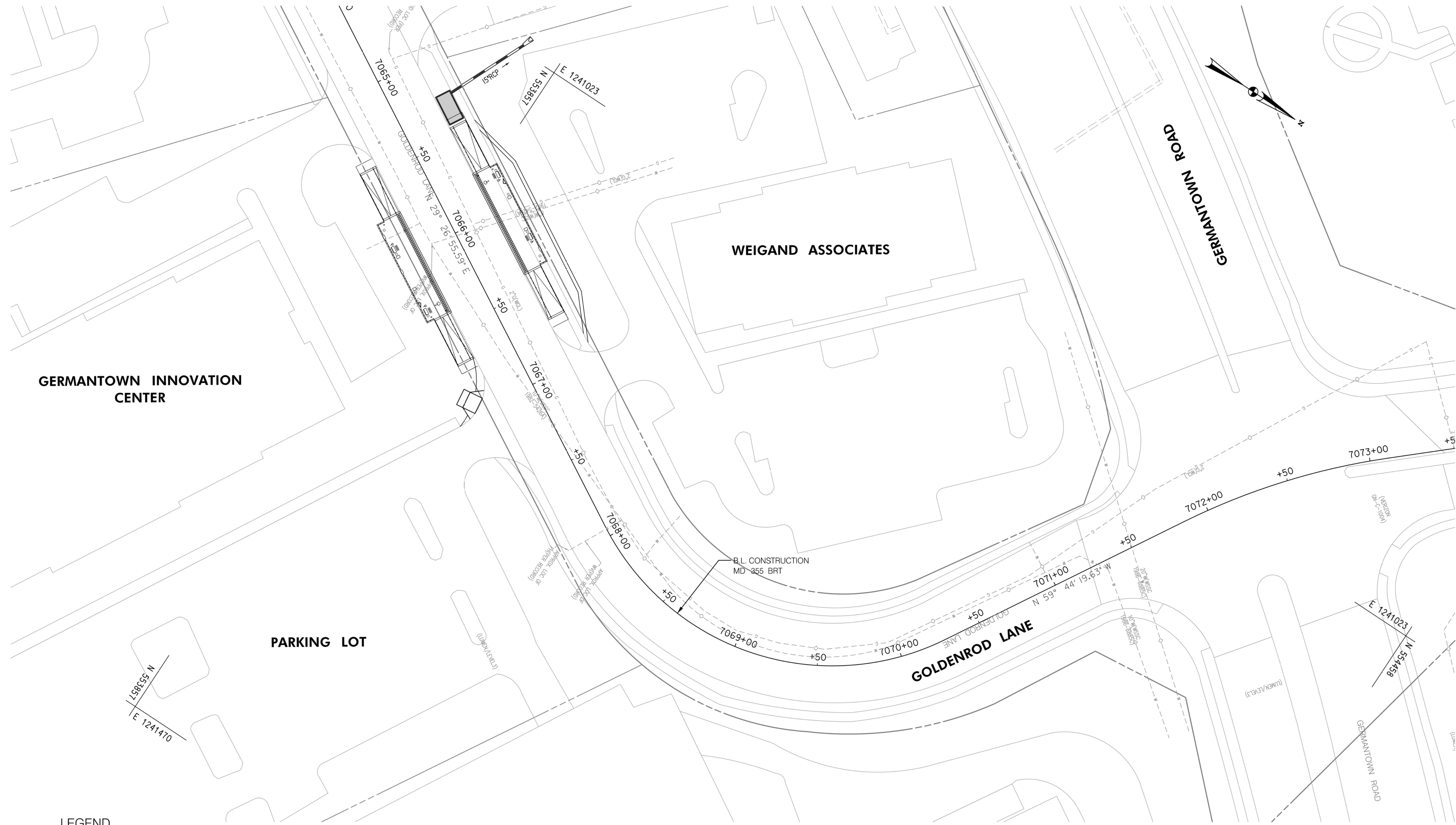
MD 355 BUS RAPID TRANSIT (BRT)

DRAINAGE PLAN
 SEGMENT 7

SCALE : 1" = 30'
 DATE : DECEMBER 2022

Project No. : 502005 SHEET 516 of 887

DD-90



GERMANTOWN INNOVATION CENTER

WEIGAND ASSOCIATES

PARKING LOT

GOLDENROD LANE

GERMANTOWN ROAD

LEGEND

- PROPOSED DRAINAGE STRUCTURE
- PROPOSED DRAINAGE PIPE
- ASSUMED EX. DRAINAGE PIPE TO CONNECT TO PROPOSED SYSTEM
- EXISTING DRAINAGE STRUCTURE
- EXISTING DRAINAGE STRUCTURE TO REMAIN FUNCTIONAL
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Stantec
 6110 FROST PLACE,
 LAUREL, MARYLAND 20707
 (301) 962-2900
 www.stantec.com

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MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION
 DIVISION OF TRANSPORTATION ENGINEERING
 GAITHERSBURG, MARYLAND

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SEE TITLE SHEET FOR SIGNATURES
 Chief, Design Section _____ Date _____

APPROVED

SEE TITLE SHEET FOR SIGNATURES
 Chief, Division of Transportation Engineering _____ Date _____

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MD 355 BUS RAPID TRANSIT (BRT)

DRAINAGE PLAN
 SEGMENT 7

SCALE : 1" = 30'
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Project No. : 502005 SHEET 517 of 887