

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

EDGE O LAKE DRIVE FROM MURFREESBORO PIKE TO RURAL HILL ROAD OCTOBER 2023



LOCATION MAP:
SCALE 1" = 500'

DRAWING INDEX

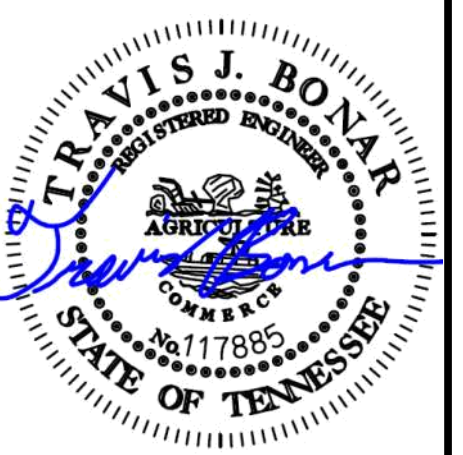
1. COVER SHEET
2. TYPICAL DETAILS SHEET
3. TYPICAL DETAILS SHEET
4. PROPOSED PAVEMENT LAYOUT
5. PROPOSED PAVEMENT LAYOUT
6. PROPOSED PAVEMENT LAYOUT
7. PROPOSED PAVEMENT LAYOUT
8. PROPOSED PAVEMENT LAYOUT



LDA ENGINEERING

REV	DATE	REVISION DESCRIPTION
1	10.31.23	ISSUE FOR PERMITTING AND CONSTRUCTION
2	11.11.23	REVISIONS TO PERMITTING AND CONSTRUCTION
3	12.19.23	REVISIONS TO PERMITTING AND CONSTRUCTION

METROPOLITAN GOVERNMENT OF NASHVILLE
AND DAVIDSON COUNTY, TENNESSEE
EDGE O LAKE DRIVE
FROM MURFREESBORO PIKE TO
RURAL HILL ROAD

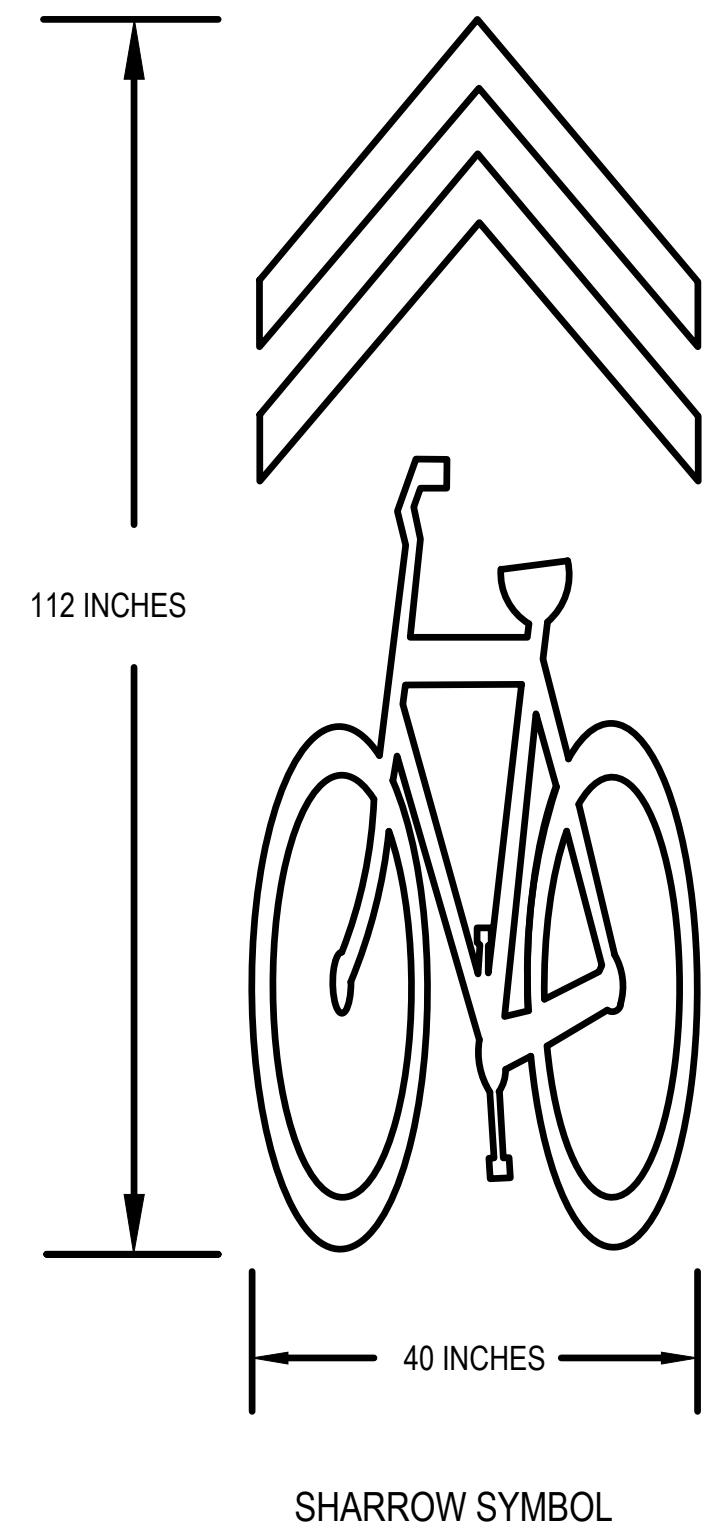


PROJECT NUMBER:	MET008
DATE:	10-2023
DRAWN BY:	JDN
DESIGNED BY:	NHP

SHEET TITLE:
COVER SHEET



LDA ENGINEERING
402 BNA DRIVE SUITE 403
NASHVILLE, TENNESSEE 37217
TELEPHONE: 877-754-8254
FAX: 865-573-1352



SHARROW MARKING DETAIL

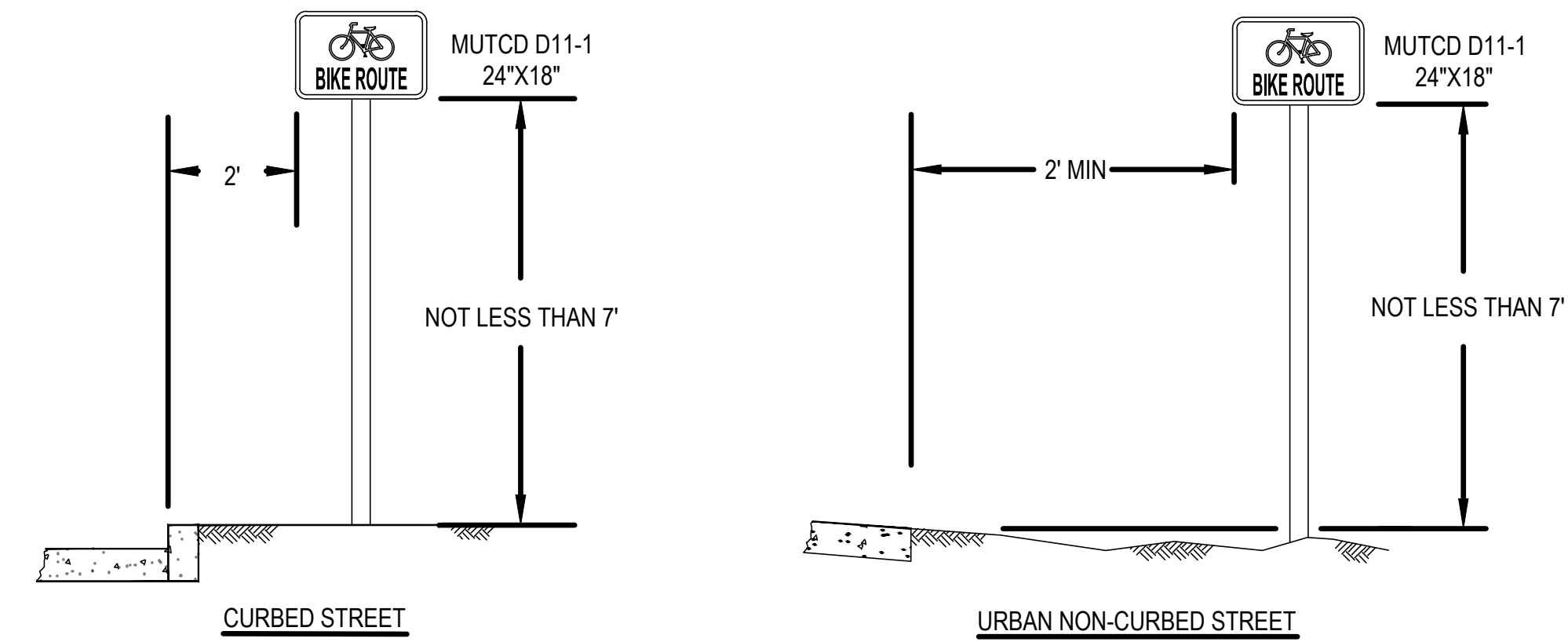
NOT TO SCALE

NOTES:

- REFER TO MUTCD 2009 EDITION PART 9 FIGURE 9C-3 WORD, SYMBOL, AND ARROW PAVEMENT MARKINGS FOR BICYCLE LANES. REDUCED SIZE MARKINGS TO BE USED WHERE REQUIRED IN THE FIELD. REFER TO FIGURE 9C-9 FOR SHARED LANE MARKINGS.
- IF USED IN A SHARED LANE WITH ON-STREET PARALLEL PARKING, SHARED LANE MARKINGS SHOULD BE PLACED SO THAT THE CENTERS OF THE MARKINGS ARE AT LEAST 11 FEET FROM THE FACE OF THE CURB, OR FROM THE EDGE OF THE PAVEMENT WHERE THERE IS NO CURB. (2009 MUTCD, SECTION 9C.07)
- IF USED ON A STREET WITHOUT ON-STREET PARKING THAT HAS AN OUTSIDE TRAVEL LANE THAT IS LESS THAN 14 FEET WIDE, THE CENTERS OF THE SHARED LANE MARKINGS SHOULD BE AT LEAST 4 FEET FROM THE FACE OF THE CURB, OR FROM THE EDGE OF THE PAVEMENT WHERE THERE IS NO CURB. (2009 MUTCD, SECTION 9C.07)

GREEN PAVEMENT NOTE:

GREEN TEXTURED BIKE LANES (MMA MATERIAL) AS NOTED ON THE PLANS. SUGGESTED MANUFACTURER (ENNIS-FLINT) OR APPROVED METRO PUBLIC WORKS ALTERNATIVE TO BE USED.



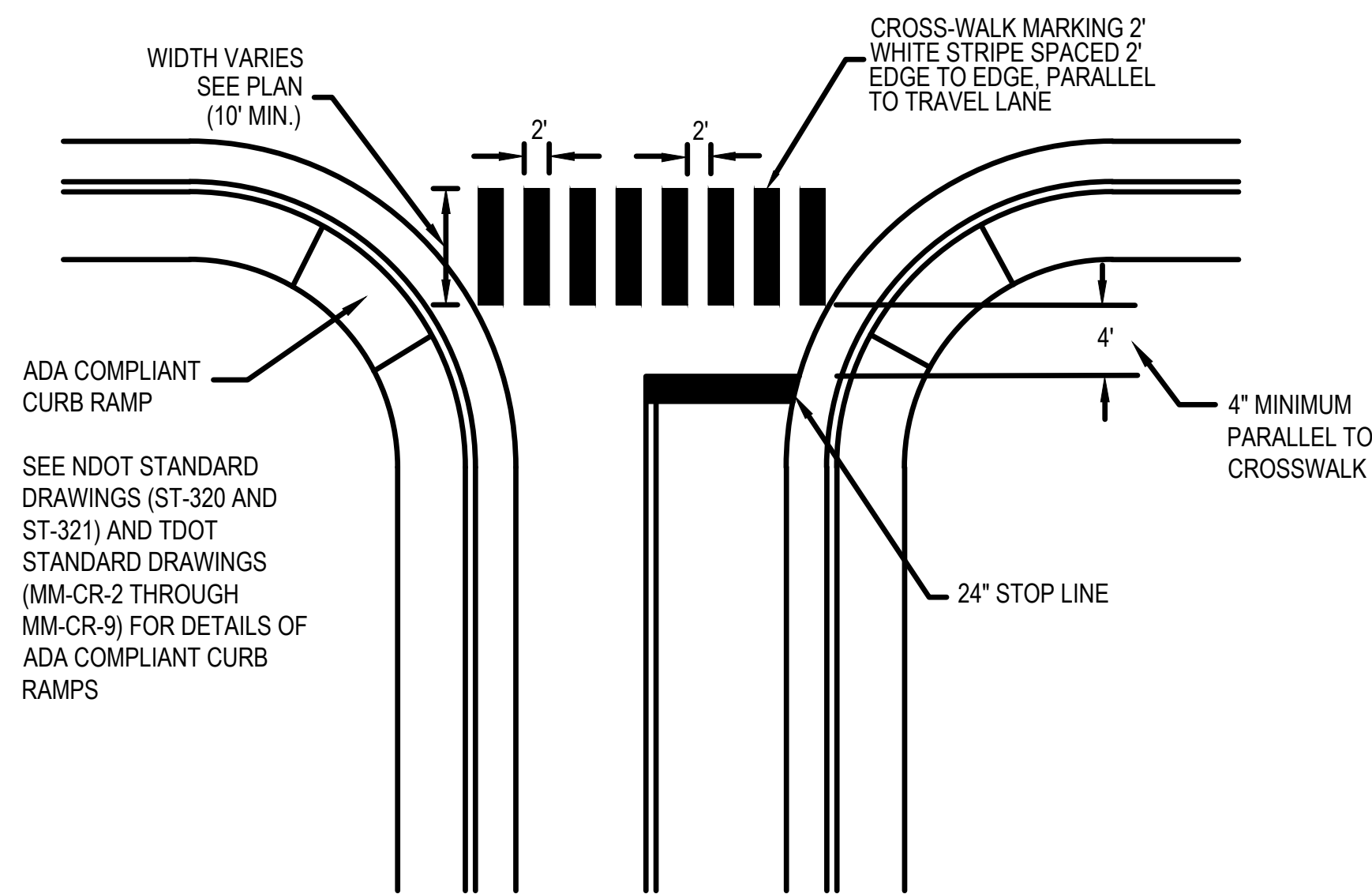
HEIGHT AND LATERAL LOCATION OF SIGNS - TYPICAL INSTALLATIONS

SIGN INSTALLATION NOTES:

- ALL SIGNS SHALL BE INSTALLED IN THE APPROXIMATE LOCATIONS SHOWN ON PLAN SHEETS. ANY DEVIATION MUST BE APPROVED BY THE METROPOLITAN DEPARTMENT OF PUBLIC WORKS.
- SIGNS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE CURRENT EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (2009 MUTCD, WITH REVISIONS 1, 2, & 3), AND SHALL HAVE THE HEIGHT AND CLEARANCE SPECIFICATIONS SHOWN ON THIS SHEET.
- ALL SIGNING EQUIPMENT AND INSTALLATION PROCEDURES SHALL COMPLY WITH THE T.D.O.T. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, SECTION 713 - HIGHWAY SIGNING, AND WITH THE SPECIFICATIONS OF METROPOLITAN NASHVILLE AND DAVIDSON COUNTY.

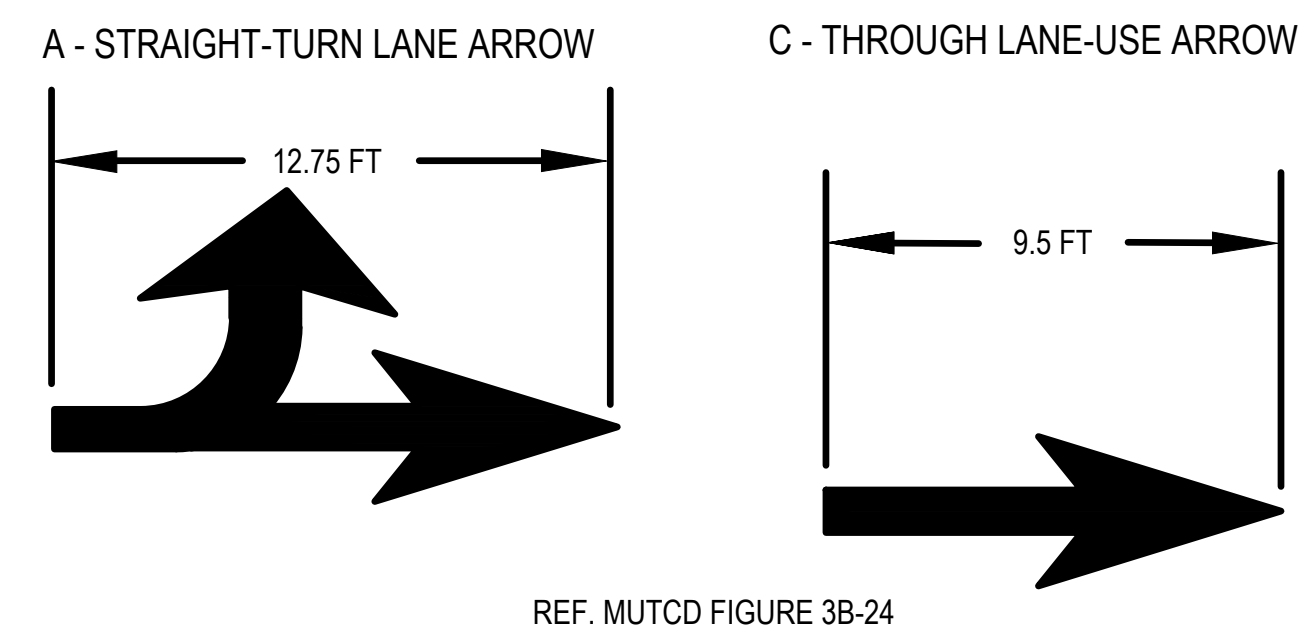
HEIGHT AND LATERAL LOCATION OF SIGNS - TYPICAL INSTALLATIONS

NOT TO SCALE

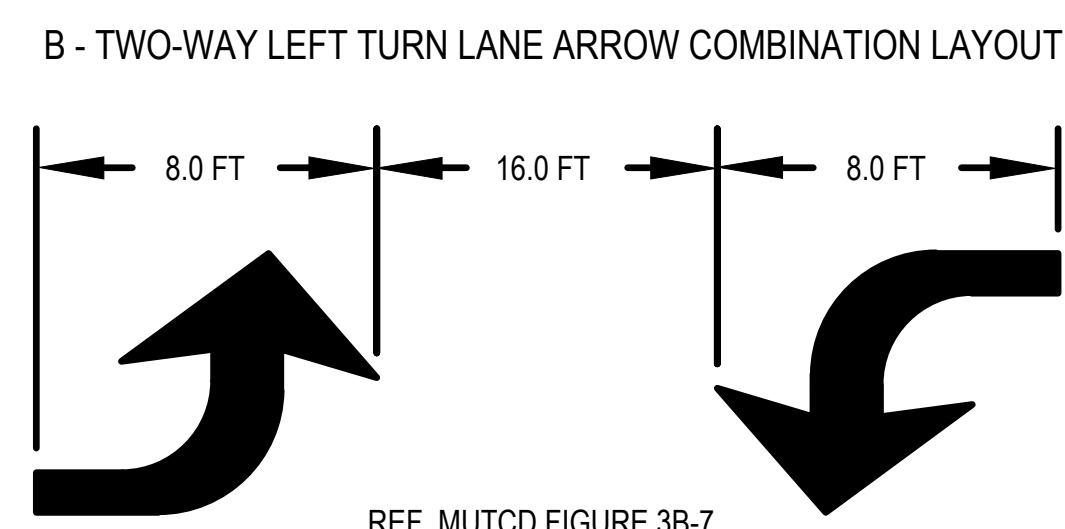


TYPICAL STOP LINE PLACEMENT AND CROSSWALK MARKINGS

NOT TO SCALE



REF. MUTCD FIGURE 3B-24



REF. MUTCD FIGURE 3B-7

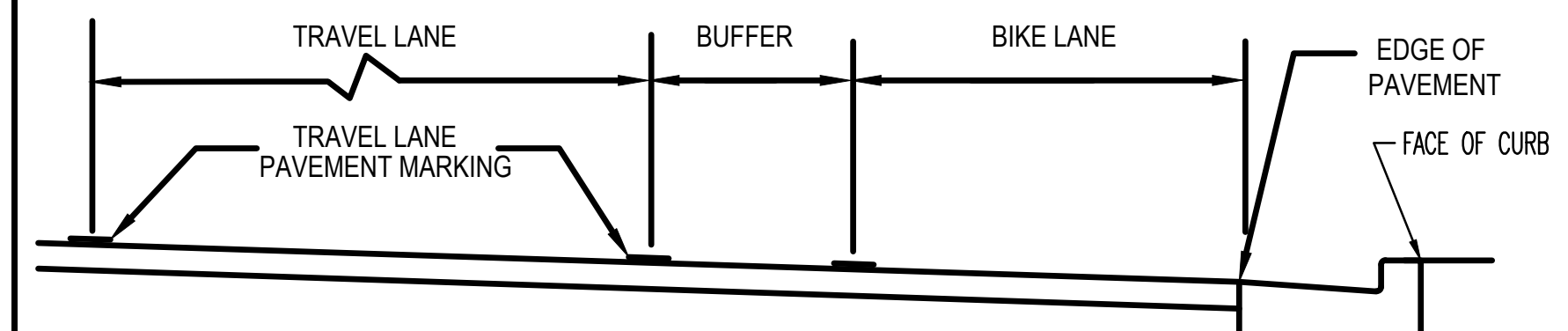
NOTE: TURN ARROWS SHALL BE PLACED IN THE STORAGE AREAS AT THE DISTANCES SPECIFIED IN THE PLANS.

TURN LANE ARROW DETAIL

NOT TO SCALE

****SPECIAL NOTES:**

- ALL PAVEMENT MARKINGS AND SIGNAGE SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (2009 MUTCD, WITH REVISIONS 1, 2, & 3)
- CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ROADWAY MARKINGS AND SIGNS.
- BIKEWAY SIGNAGE SHALL BE PLACED PER DIRECTION OF THE FIELD ENGINEER.
- SHARROW AND BIKE LANE PAVEMENT MARKING SHALL BE PLACED PER DIRECTION OF METRO REPRESENTATIVE.
- SHARROW AND BIKE LANE PAVEMENT MARKING SHALL NOT BE PLACED IN FRONT OF DRIVEWAYS.
- BIKEWAY PROJECTS SHALL COORDINATE WITH METRO TRAFFIC DEPARTMENT.



NOTE:

LATERAL PAVEMENT MARKING DIMENSIONS ARE TYPICALLY MEASURED TO AN ADJACENT EDGE OF PAVEMENT OR TO THE CENTERLINE OF AN ADJACENT PAVEMENT MARKING AS SHOWN IN THE PLANS.

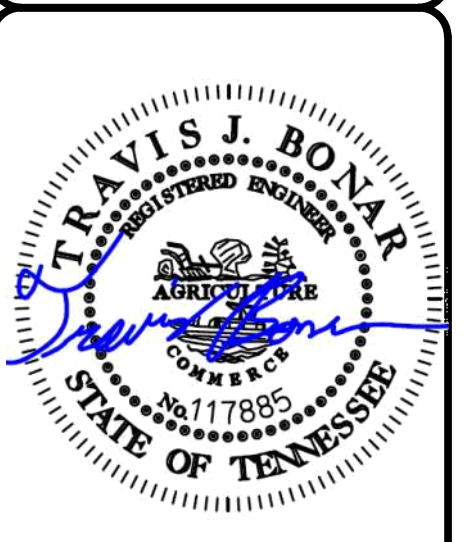
TYPICAL LATERAL STRIPING DIMENSIONS

NOT TO SCALE



REV	DATE	REVISION DESCRIPTION
1	10.31.23	ISSUE FOR PERMITS AND CONSTRUCTION
2	12.11.23	ISSUE FOR PERMITS AND CONSTRUCTION
3	12.19.23	ISSUE FOR PERMITS AND CONSTRUCTION

METROPOLITAN GOVERNMENT OF NASHVILLE
AND DAVIDSON COUNTY, TENNESSEE
EDGE O LAKE DRIVE
FROM MURFREESBORO PIKE TO
RURAL HILL ROAD



PROJECT NUMBER: MET008	SCALE: N.T.S.
DATE: 10-2023	DESIGNED BY: NHP
DRAWN BY: JDN	

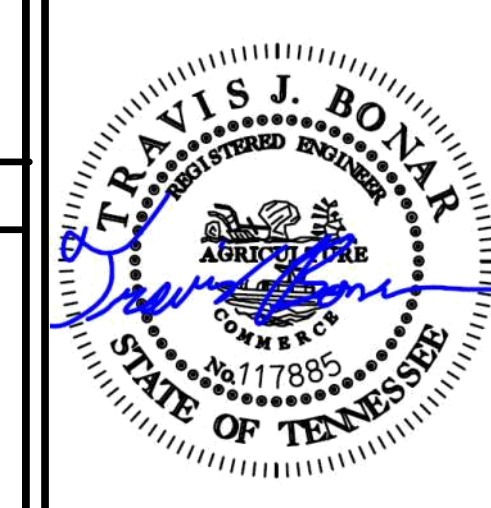
SHEET TITLE: TYPICAL DETAILS



LDA ENGINEERING

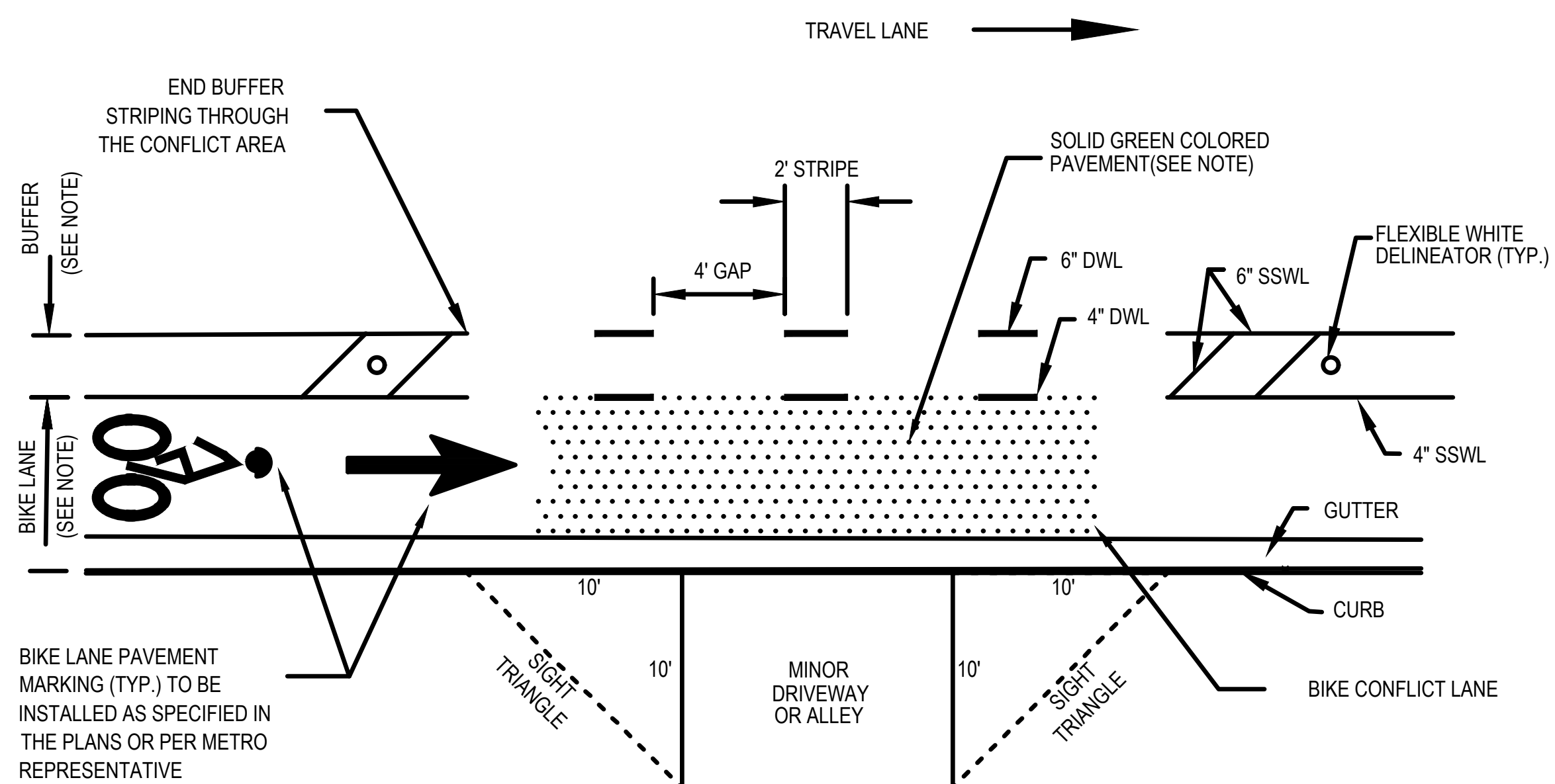
REV	DATE	REVISION DESCRIPTION
1	10.31.23	ISSUE FOR PERMITS AND CONTRACT BIDDING
2	12.11.23	REVISIONS TO PERMITS AND CONTRACT BIDDING
3	12.19.23	REVISIONS TO PERMITS AND CONTRACT BIDDING

METROPOLITAN GOVERNMENT OF NASHVILLE
AND DAVIDSON COUNTY, TENNESSEE
EDGE O LAKE DRIVE
FROM MURFREESBORO PIKE TO
RURAL HILL ROAD



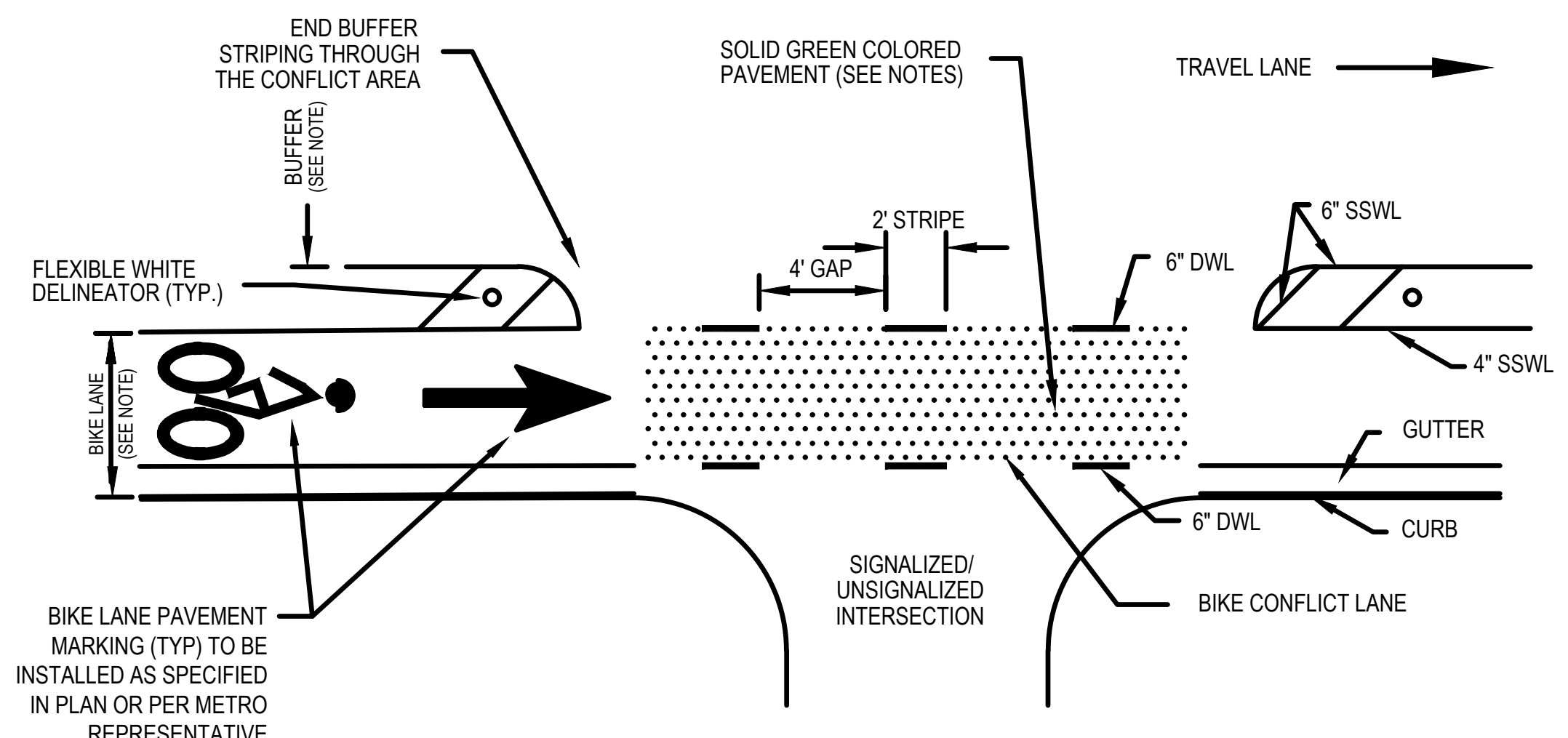
PROJECT NUMBER: MET008
DATE: 10-2023 SCALE: N.T.S.
DRAWN BY: JDN DESIGNED BY: NHP

SHEET TITLE:
TYPICAL DETAILS



SIGHT TRIANGLE & BIKE CONFLICT LINE (BCL) DETAIL AT DRIVEWAYS/ALLEYS
NOT TO SCALE

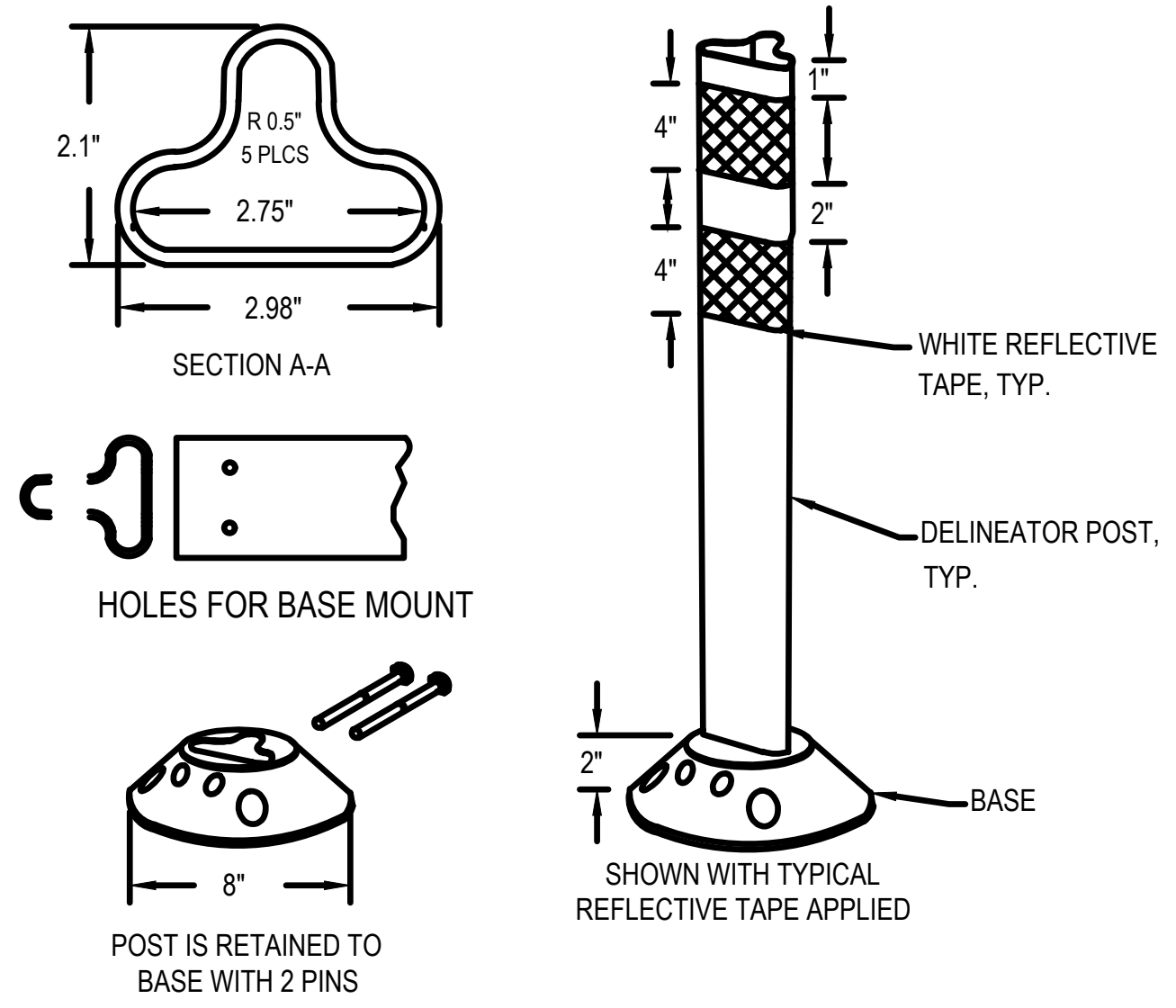
NOTE:
SOLID GREEN COLORED PAVEMENT IS NOT REQUIRED AT DRIVEWAY LOCATIONS BUT MAY BE INSTALLED AS NEEDED (SEE PLANS).



BIKE CONFLICT LINE (BCL) AT INTERSECTIONS
NOT TO SCALE

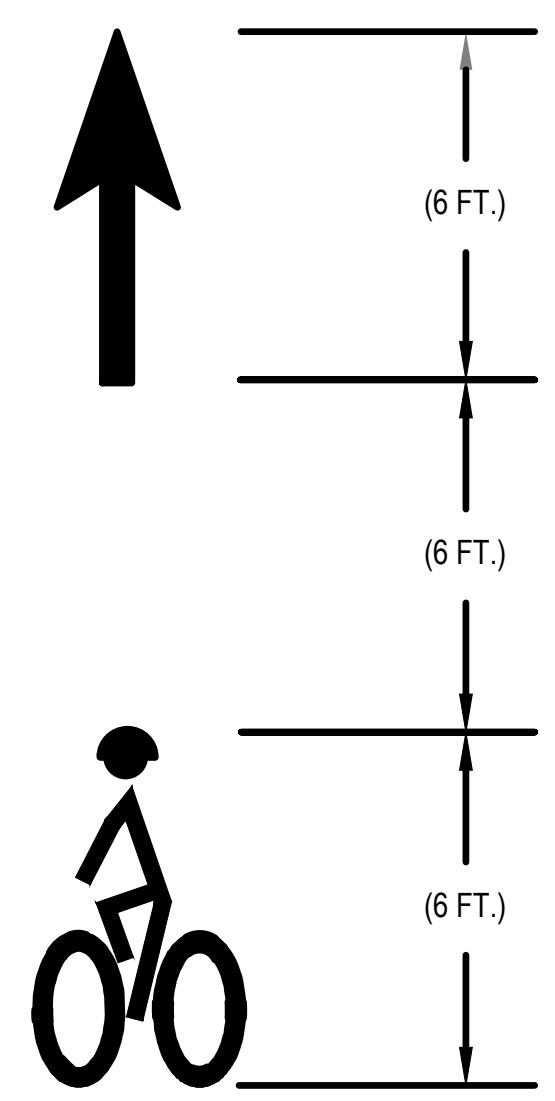
NOTE:
SOLID GREEN COLORED PAVEMENT SHALL BE REQUIRED AT ALL INTERSECTIONS

NOTES:
•BIKE LANE WIDTH AND BUFFER WIDTH SPECIFIED ON THE PLANS. BIKE LANE WIDTH DIMENSION SHOWN ON THE PLANS INCLUDES THE EXIST. GUTTER PAN IF APPLICABLE.
•36" WHITE FLEXIBLE DELINEATOR POSTS TO BE INSTALLED WITHIN THE BUFFER AT 20' SPACING CONTRACTOR TO COORDINATE WITH MPW PRIOR TO INSTALLATION.



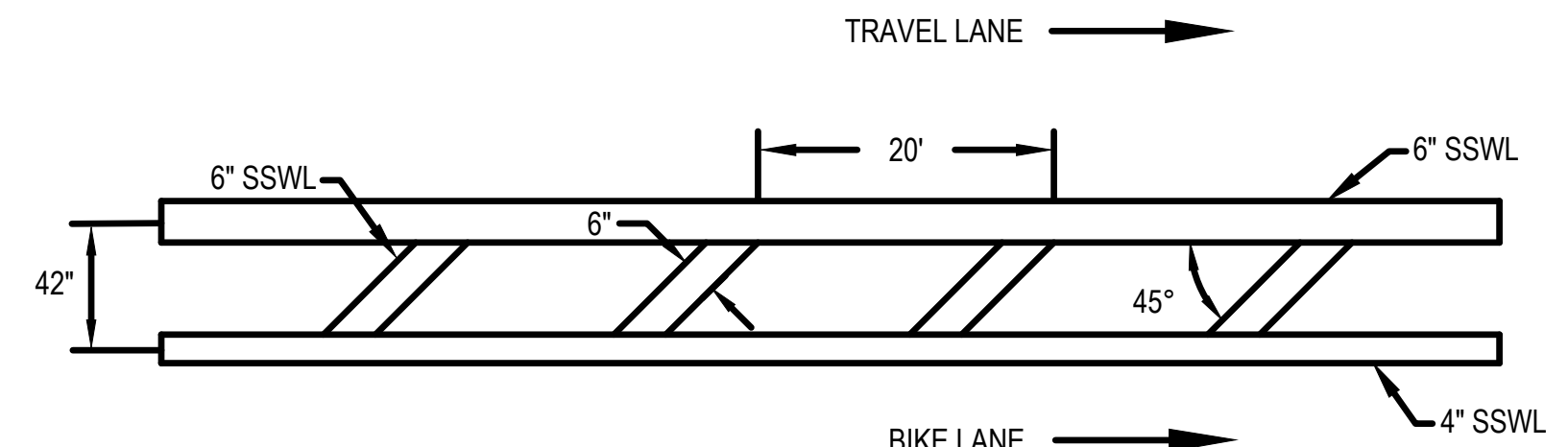
- NOTES:
- INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
 - DIMENSIONS, MATERIALS, AND ATTACHMENTS MAY VARY BETWEEN MANUFACTURERS.
 - COLOR OF POST SHALL MATCH COLOR OF APPLICABLE EDGE LINE AS NOTED IN PLANS.
 - SUGGESTED MANUFACTURERS INCLUDE: PEXCO DAVIDSON TRAFFIC CONTROL, SUPERIOR TRAFFIC CONTROL OR APPROVED BY METRO REPRESENTATIVE
 - DELINEATORS SHALL BE SPACED 20' CENTER-TO-CENTER IN THE PLANS
 - CONTRACTOR TO COORDINATE WITH MPW PRIOR TO INSTALLATION.

36" FLEXIBLE DELINEATOR POST DETAIL
NOT TO SCALE

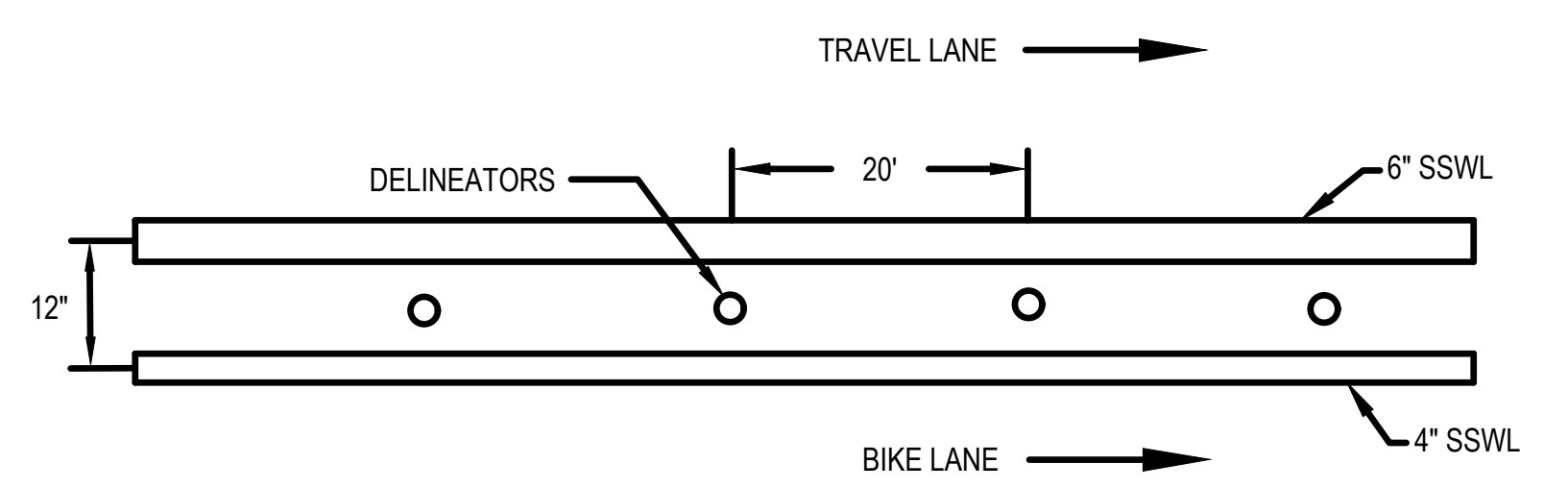


NOTE:
REFER TO MUTCD 2009 EDITION PART 9 FIGURE 9C-3 WORD, SYMBOL, AND ARROW PAVEMENT MARKINGS FOR BICYCLE LANES. REDUCED SIZE MARKINGS TO BE USED WHERE REQUIRED IN THE FIELD, SCALE AS NEEDED.

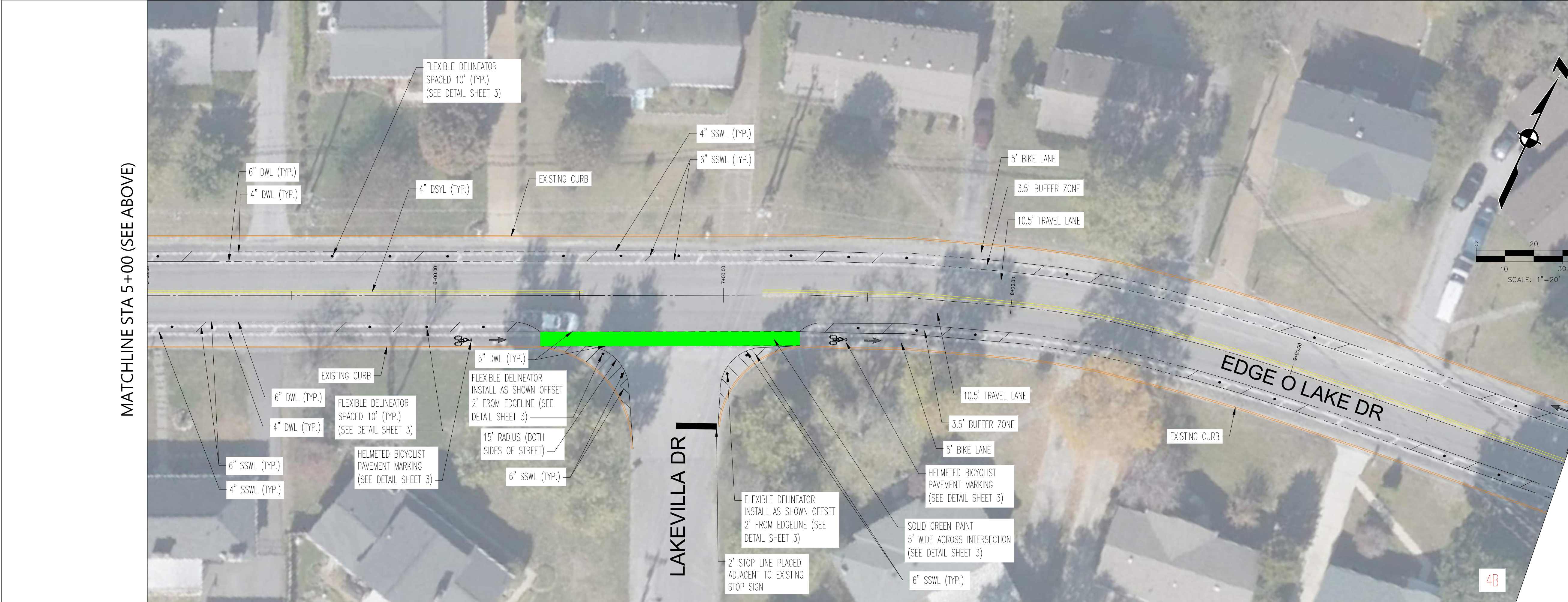
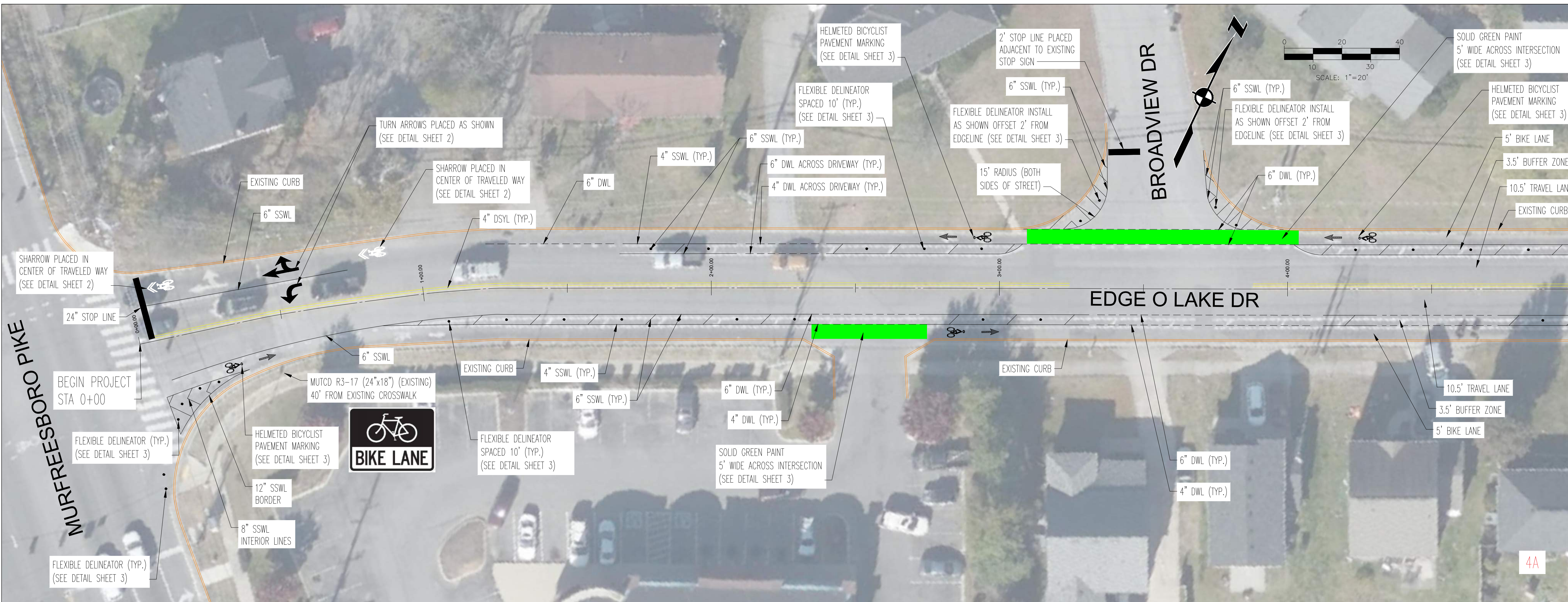
BIKE LANE PAVEMENT MARKING DETAIL
NOT TO SCALE



BIKE LANE BUFFER PAVEMENT MARKINGS 01
NOT TO SCALE



BIKE LANE BUFFER PAVEMENT MARKINGS 02
NOT TO SCALE



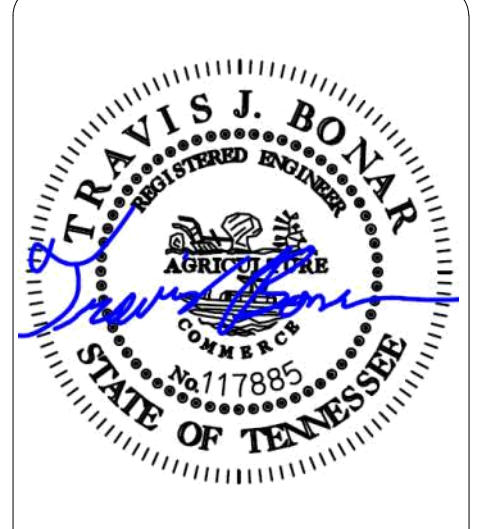
MATCHLINE STA 5+00 (SEE BELOW)

MATCHLINE STA 10+00 (SEE SHEET 5A)



REV	DATE	REVISION DESCRIPTION
1	10.31.23	FOR LIAISON WITH MURFREESBORO AND DAVIDSON COUNTY TO OBTAIN PERMITS AND CROSSWALK MARKINGS AT DEEPWATER DRIVE AND RURAL HILL ROAD
2	12.11.23	CORRECTLY ADDITION AT DEEPWATER DRIVE
3	12.19.23	CORRECTLY ADDITION AT RURAL HILL ROAD

METROPOLITAN GOVERNMENT OF NASHVILLE
AND DAVIDSON COUNTY, TENNESSEE
EDGE O LAKE DRIVE
FROM MURFREESBORO PIKE TO
RURAL HILL ROAD



PROJECT NUMBER: MET008
DATE: 10-2023 SCALE: 1"=20'
DRAWN BY: JDN DESIGNED BY: NHP

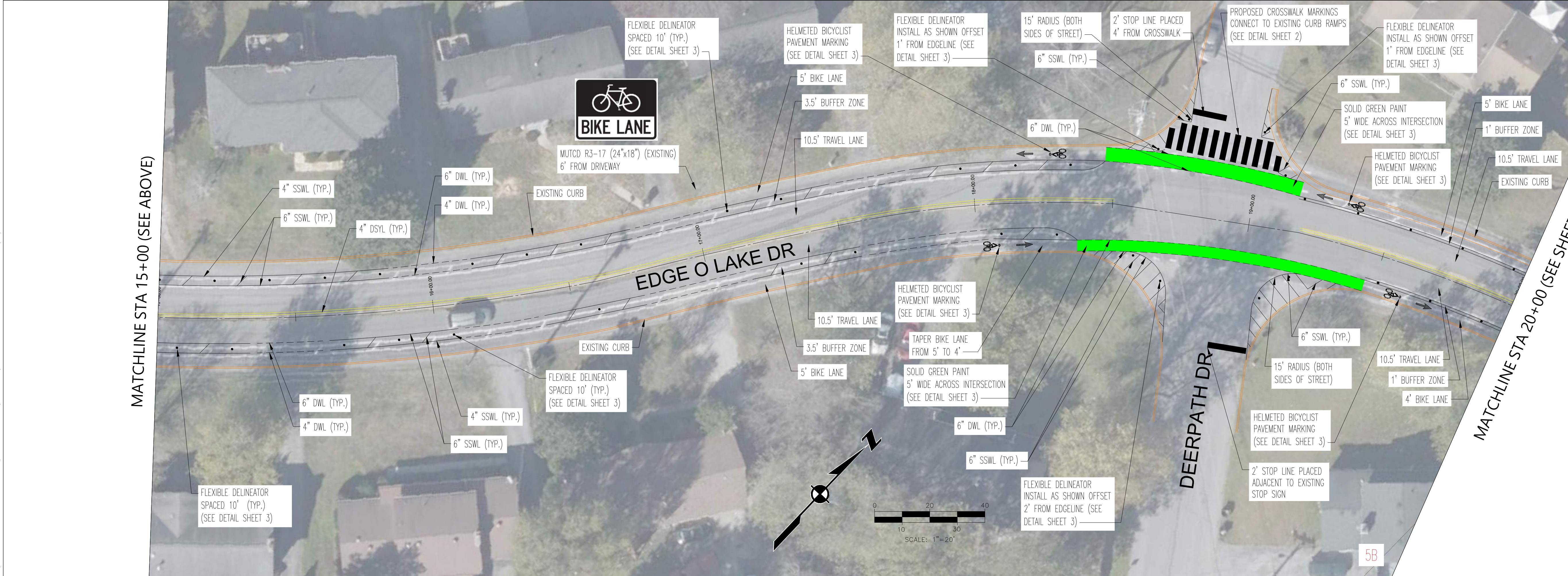
SHEET TITLE:
PROPOSED BIKEWAY LAYOUT

SHEET 4 OF 8

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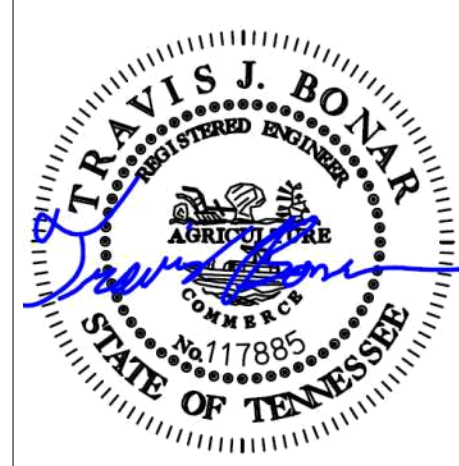
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LDA ENGINEERING

REV	DATE	REVISION DESCRIPTION
1	10.31.23	ISSUE FOR PERMIT AND CONSTRUCTION. ALL INFORMATION IS FOR INFORMATION ONLY. GENERAL CONDITIONS AT DEPARTMENT AND SUBMITTAL SHALL APPLY TO ALL CONTRACTS.
2	12.11.23	GENERAL CONDITIONS AT DEPARTMENT AND SUBMITTAL SHALL APPLY TO ALL CONTRACTS.
3	12.19.23	GENERAL CONDITIONS AT DEPARTMENT AND SUBMITTAL SHALL APPLY TO ALL CONTRACTS.

METROPOLITAN GOVERNMENT OF NASHVILLE
AND DAVIDSON COUNTY, TENNESSEE
EDGE O LAKE DRIVE
FROM MURFREESBORO PIKE TO
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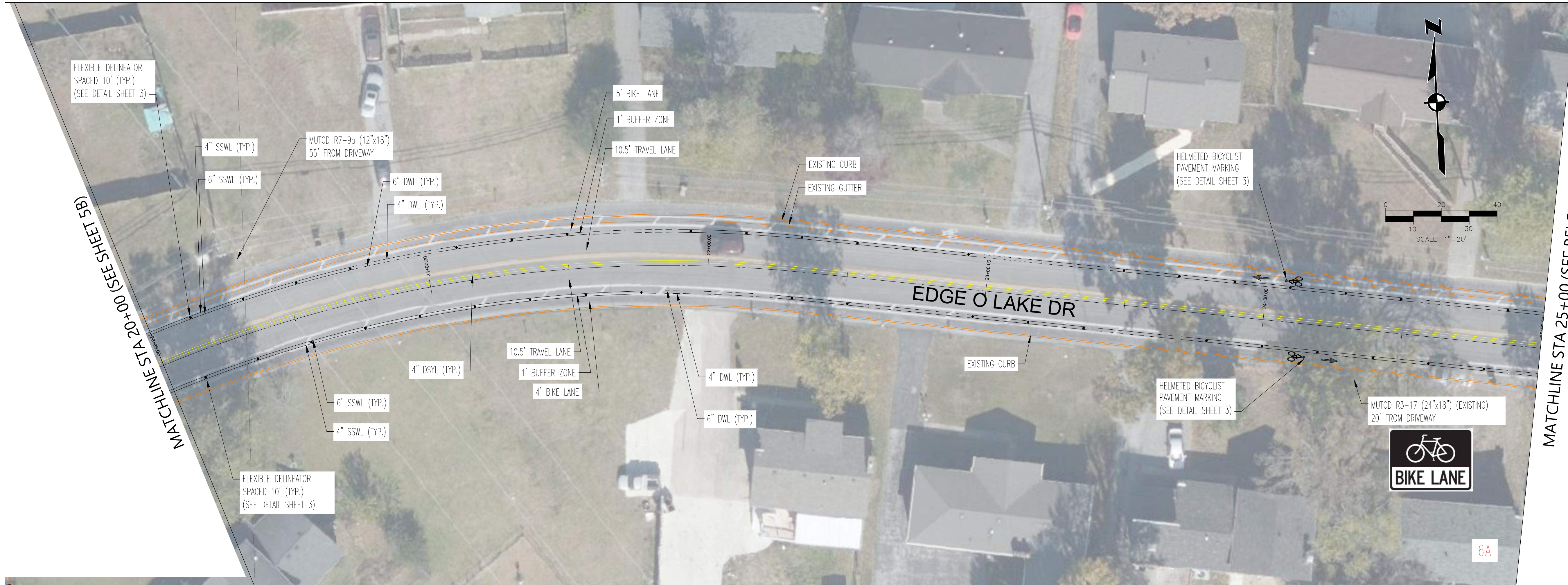


PROJECT NUMBER: MET008
DATE: 10-2023 SCALE: 1"=20'
DRAWN BY: JDN DESIGNED BY: NHP

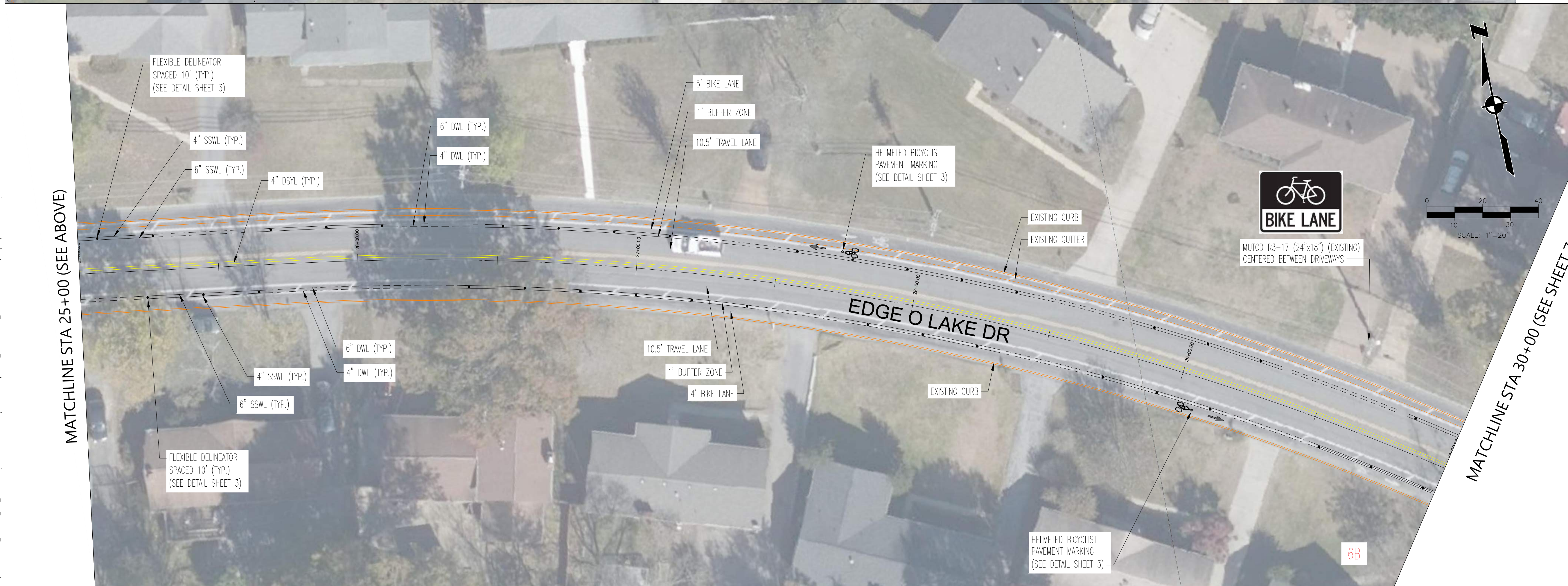
SHEET TITLE:
PROPOSED BIKEWAY LAYOUT

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MATCHLINE STA 25+00 (SEE BELOW)

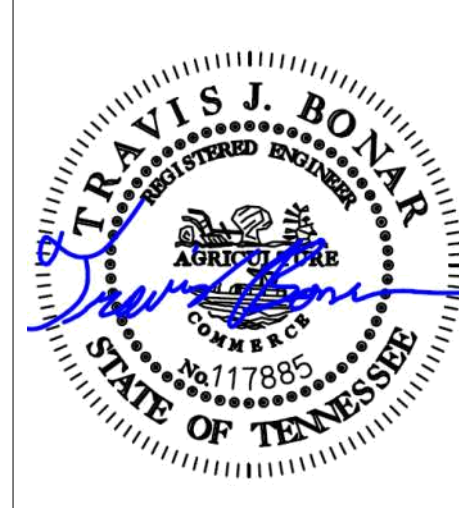


MATCHLINE STA 30+00 (SEE SHEET 7A)



REV	DATE	REVISION DESCRIPTION
1	10.31.23	ISSUE FOR PERMIT REVIEW AND CONSTRUCTION
2	12.11.23	CONSTRUCTION NOTATIONS AT DEPARTMENT DRIVE AND RURAL HILL ROAD
3	12.19.23	CONSTRUCTION NOTATIONS AT RURAL HILL ROAD

METROPOLITAN GOVERNMENT OF NASHVILLE
AND DAVIDSON COUNTY, TENNESSEE
EDGE O LAKE DRIVE
FROM MURFREESBORO PIKE TO
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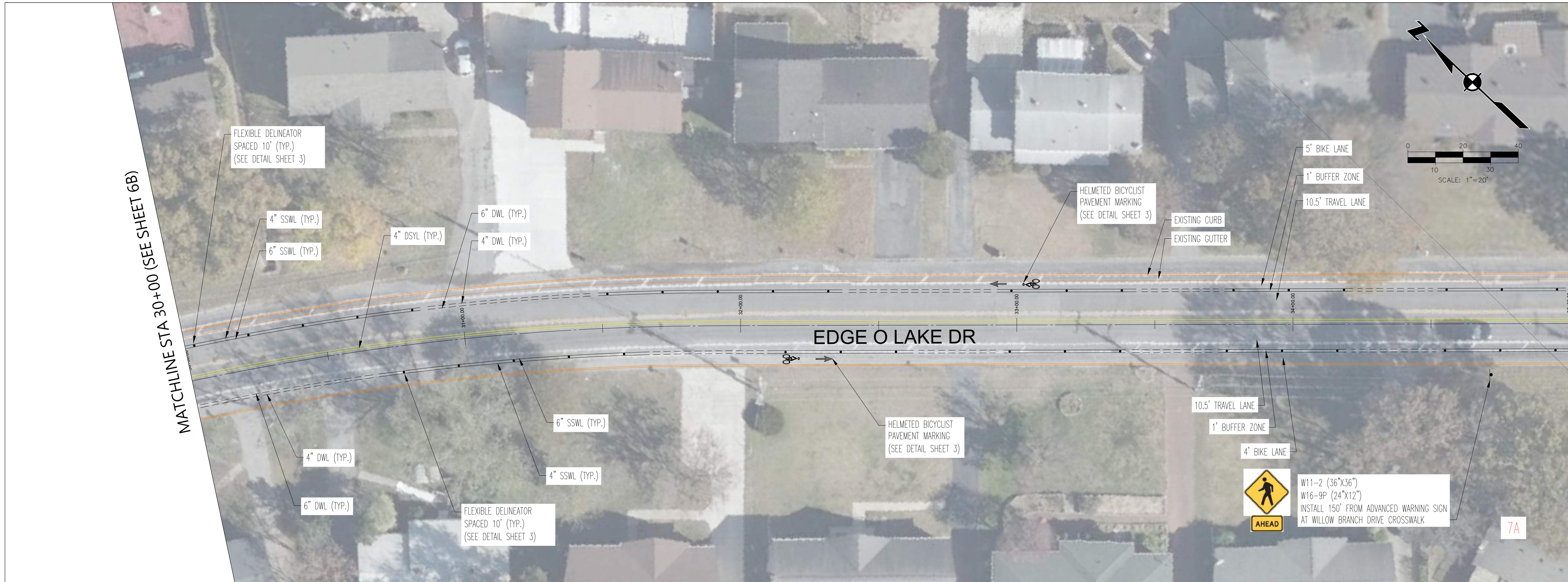


PROJECT NUMBER: MET008
DATE: 10-2023 SCALE: 1"=20'
DRAWN BY: JDN DESIGNED BY: NHP

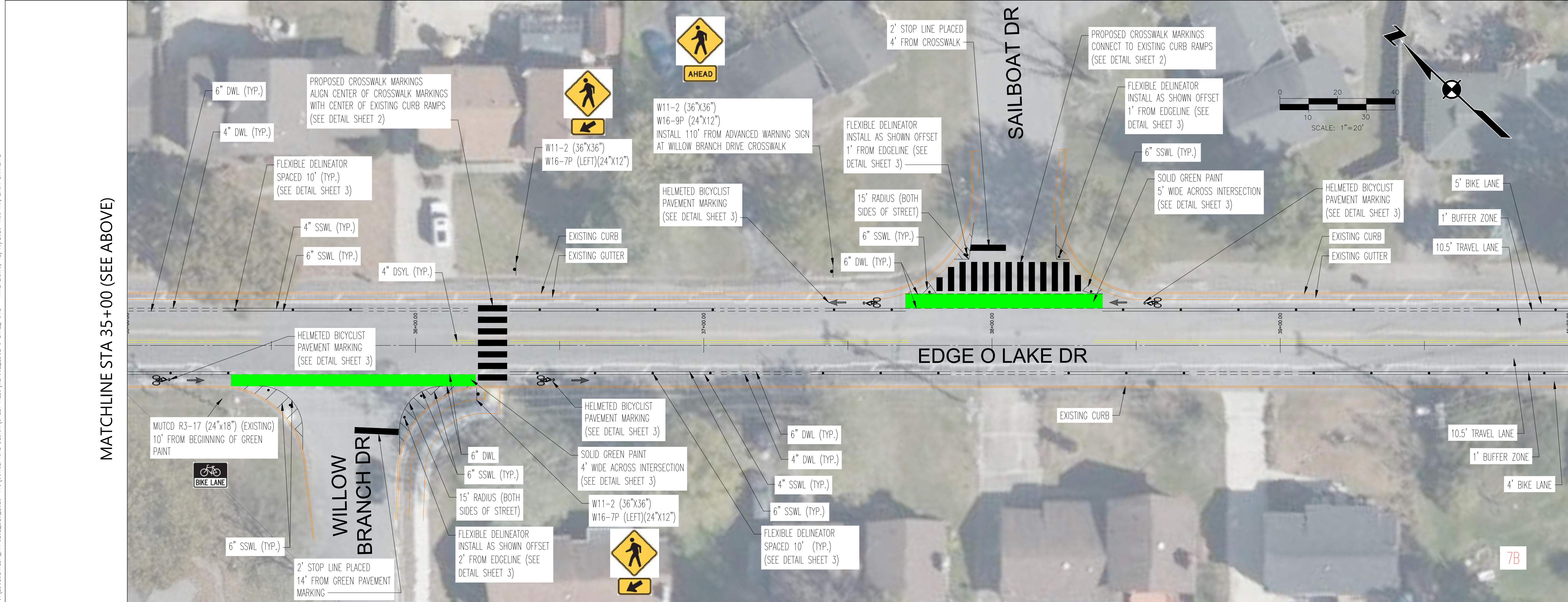
SHEET TITLE:
PROPOSED BIKEWAY LAYOUT

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MATCHLINE STA 35+00 (SEE BELOW)



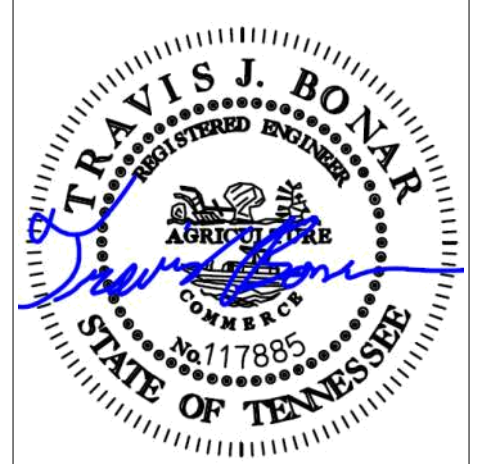
MATCHLINE STA 40+00 (SEE SHEET 8A)



LDA ENGINEERING

REV	DATE	REVISION DESCRIPTION
1	10.31.23	FOR TAKE 2 AND ADDITIONAL COMMENTS AT WILLow BRANCH DR
2	12.11.23	CROSSWALK ADJUSTMENTS AT DEEPWATER DRIVE
3	12.19.23	CROSSWALK ADJUSTMENTS AT DEEPWATER DRIVE

METROPOLITAN GOVERNMENT OF NASHVILLE
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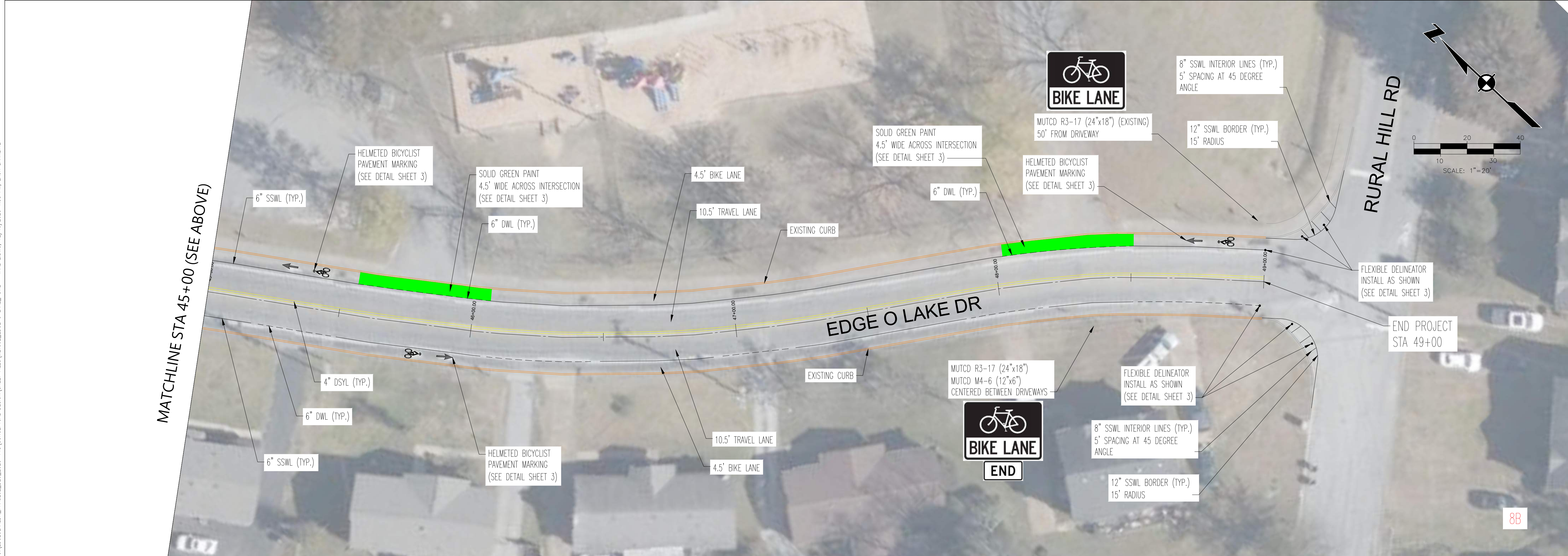
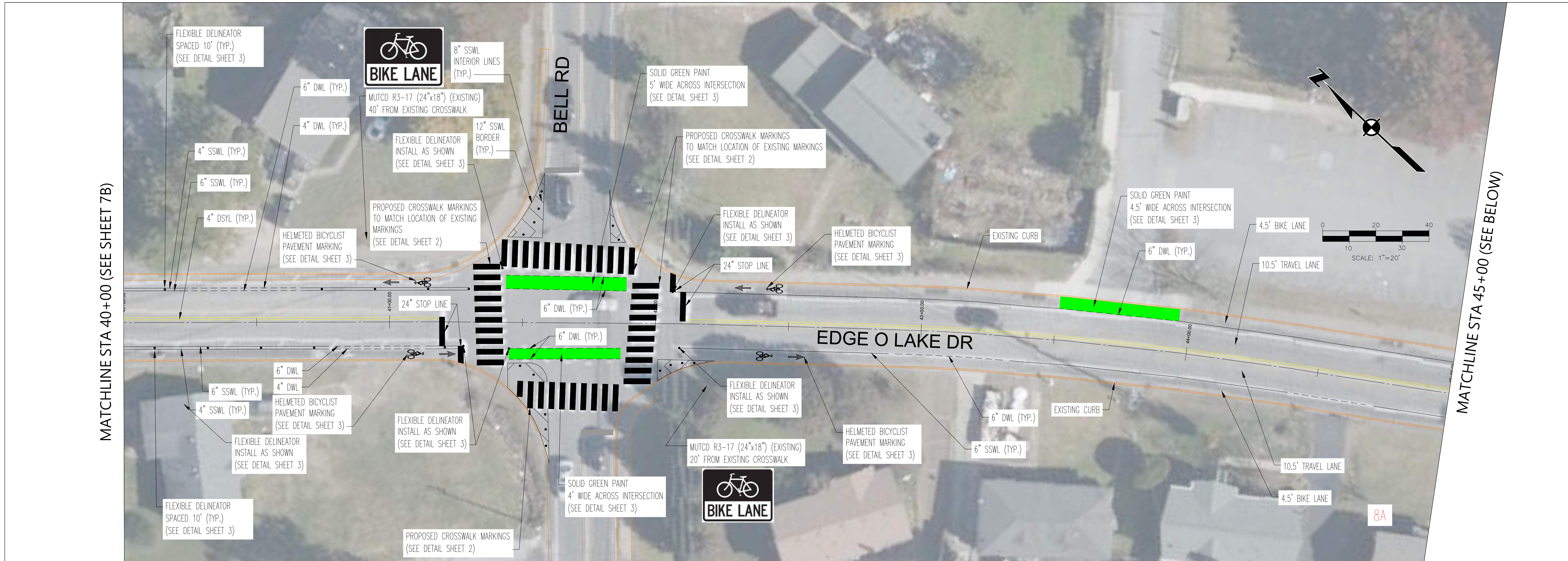


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PROPOSED BIKEWAY LAYOUT

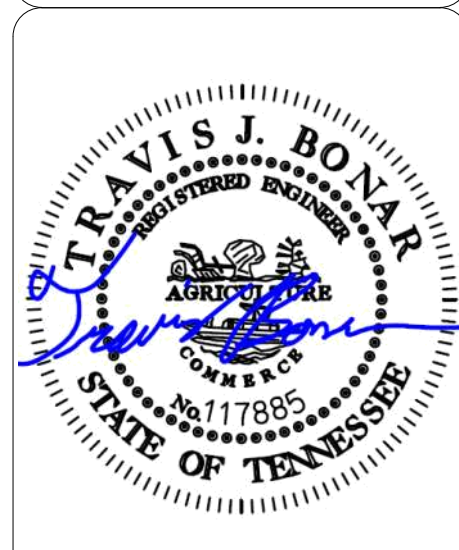
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REV	DATE	REVISION DESCRIPTION
1	10.31.23	ISSUE FOR PERMIT REVIEW AND CONSTRUCTION AT DEPARTMENT OF TRANSPORTATION AND SAFETY DIVISION
2	12.11.23	CORRECTIVE ACTIONS AT DEPARTMENT OF TRANSPORTATION AND SAFETY DIVISION
3	12.19.23	CORRECTIVE ACTIONS AT DEPARTMENT OF TRANSPORTATION AND SAFETY DIVISION

METROPOLITAN GOVERNMENT OF NASHVILLE
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