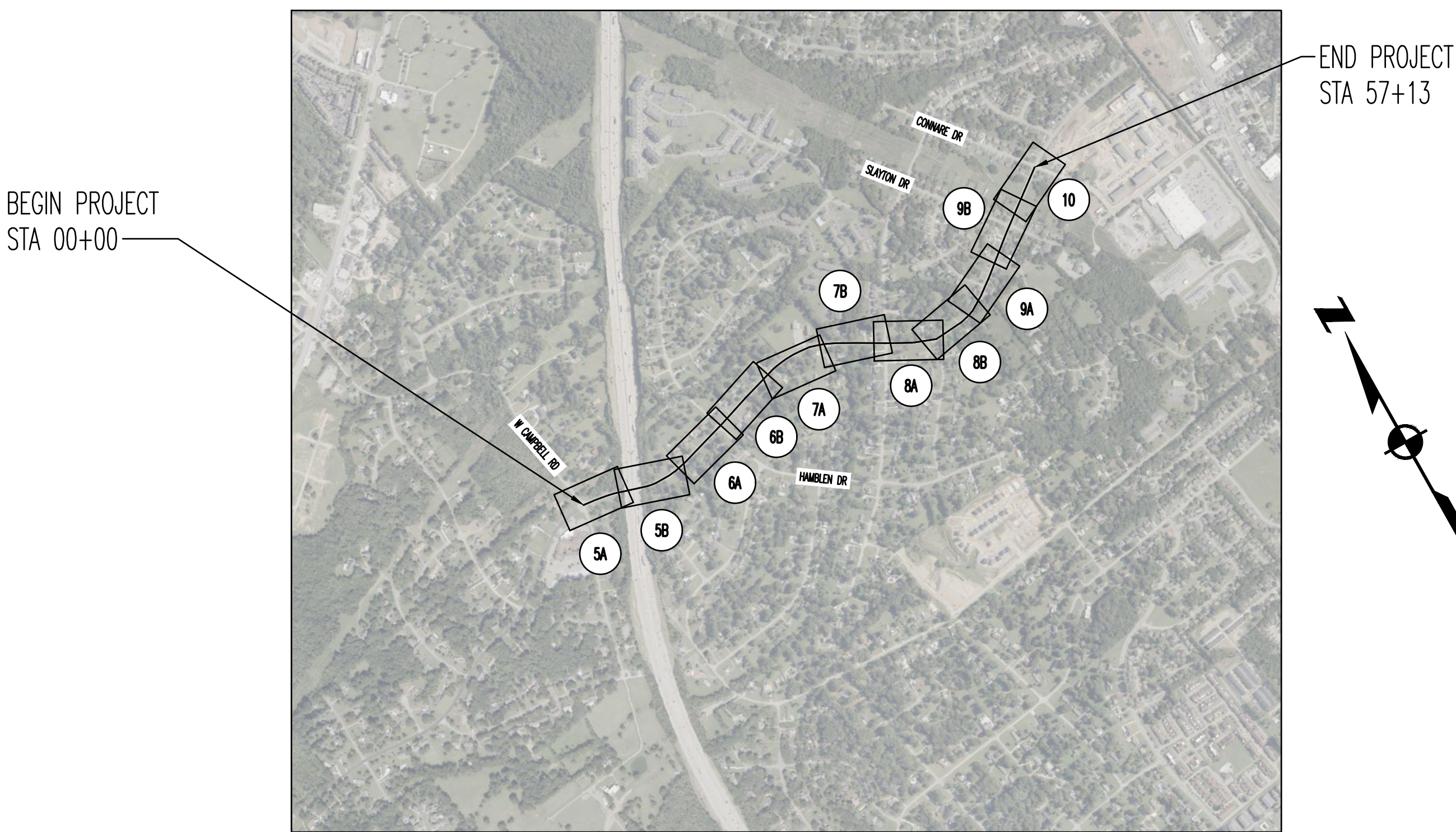


# METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY, TENNESSEE

## APPLE VALLEY ROAD BIKEWAY IMPROVEMENTS FROM WEST CAMPBELL ROAD TO CONNARE DRIVE (APPROX. 1.08 L.M.) JULY 2025



LOCATION MAP:  
SCALE: 1"=1000'

### DRAWING INDEX

1. COVER SHEET
2. TYPICAL DETAILS
3. TYPICAL DETAILS
4. DEPAVING DETAIL
5. SPEED CUSHION DETAIL & SIGN SCHEDULE
6. PROPOSED PAVING LAYOUT
7. PROPOSED PAVING LAYOUT
8. PROPOSED PAVING LAYOUT
9. PROPOSED PAVING LAYOUT
10. PROPOSED PAVING LAYOUT
11. PROPOSED PAVING LAYOUT

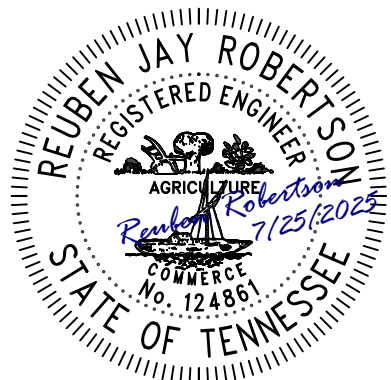
COUNCIL DISTRICT: 3  
COUNCIL MEMBER: ZACH YOUNG



LDA ENGINEERING

REV	DATE	REVISION DESCRIPTION

METROPOLITAN GOVERNMENT OF NASHVILLE  
AND DAVIDSON COUNTY, TENNESSEE  
APPLE VALLEY ROAD BIKEWAY IMPROVEMENTS  
FROM WEST CAMPBELL ROAD TO CONNARE DRIVE



PROJECT NUMBER:	NDT503
DATE:	7-2025
SCALE:	AS SHOWN
DRAWN BY:	JWC
DESIGNED BY:	JAD

SHEET TITLE:  
  
COVER  
SHEET

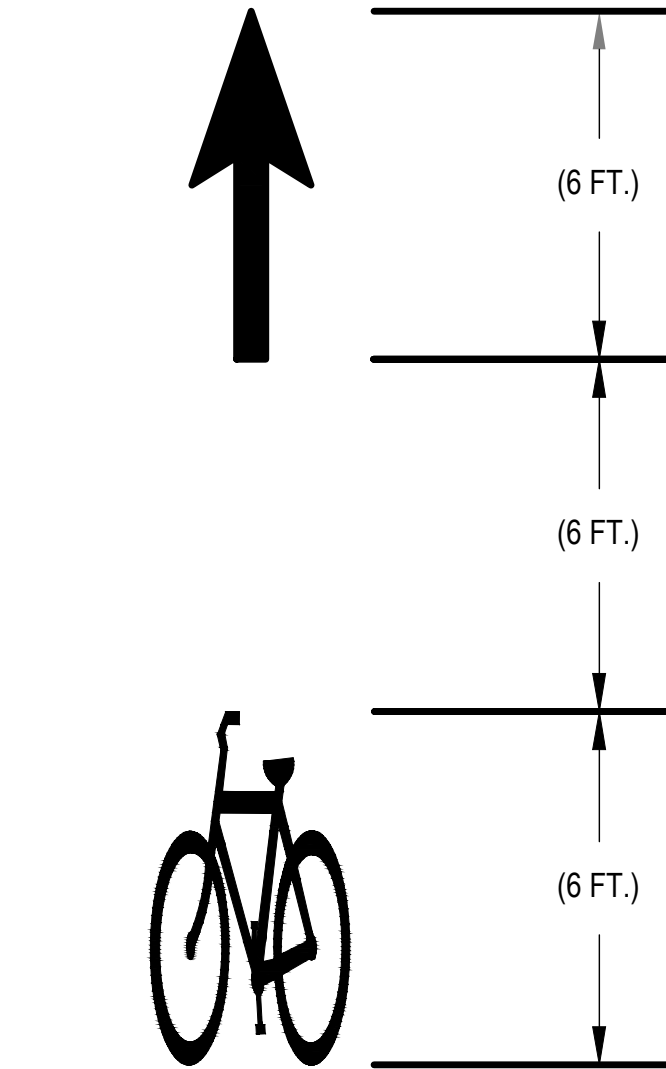


LDA ENGINEERING  
402 BNA DRIVE SUITE 403  
NASHVILLE, TENNESSEE 37217  
TELEPHONE: 877-754-8254  
FAX: 865-573-1352



C:\PPE\VALLEY RD\_P01\_BW.DWG 7/25/2025 10:59 AM, LERRY CLARK

DETAIL NO. 1



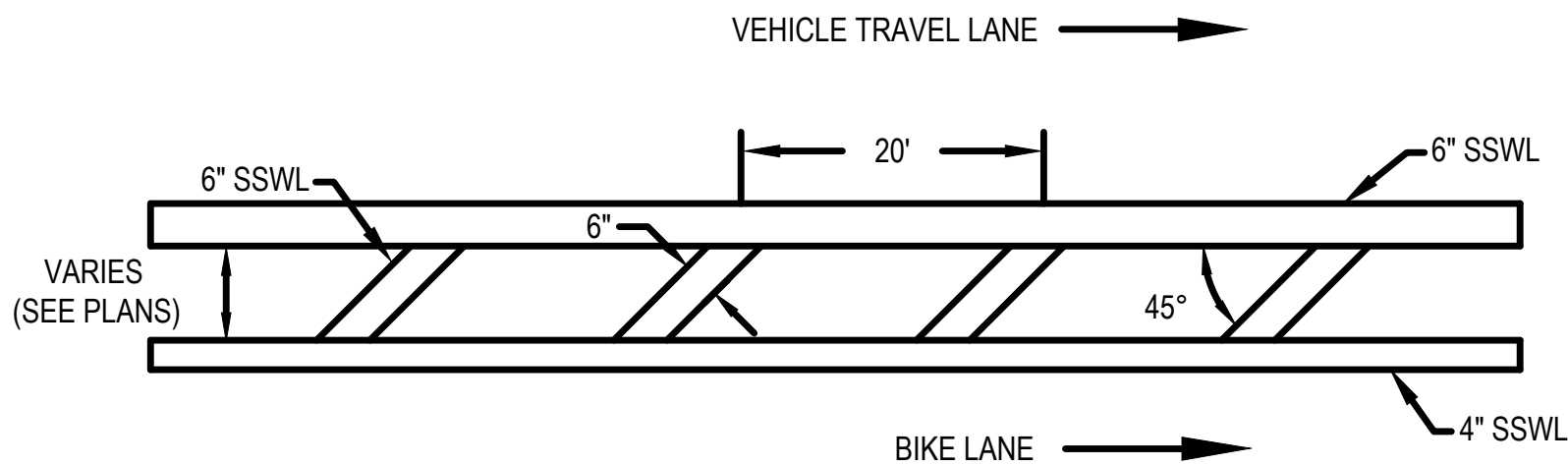
NOTES:

1. REFER TO MUTCD 2023 EDITION PART 9 FIGURE 9E-1 WORD, SYMBOL, AND ARROW PAVEMENT MARKINGS FOR BICYCLE LANES. REDUCED SIZE MARKINGS TO BE USED WHERE REQUIRED IN THE FIELD, SCALE AS NEEDED.
2. BIKE LANE PAVEMENT MARKING SYMBOLS SHALL BE INSTALLED AT 800' SPACING OR IMMEDIATELY FOLLOWING A CONFLICT ZONE AS SHOWN IN THE PLANS.

BIKE LANE SYMBOL WITH ARROW  
PAVEMENT MARKING DETAIL

NOT TO SCALE

DETAIL NO. 2



BIKE LANE BUFFER PAVEMENT MARKINGS

NOT TO SCALE

MARKING ABBREVIATIONS

SSWL- SINGLE SOLID WHITE LINE  
SSYL- SINGLE SOLID YELLOW LINE  
SBWL- SINGLE BROKEN WHITE LINE  
SBYL- SINGLE BROKEN YELLOW LINE  
DSYL- DOUBLE SOLID YELLOW LINE

DBYL- DOUBLE BROKEN YELLOW LINE  
DWL- DOTTED WHITE LINE  
DYL- DOTTED YELLOW LINE  
HWL- HASHED WHITE LINE  
HYL- HASHED YELLOW LINE

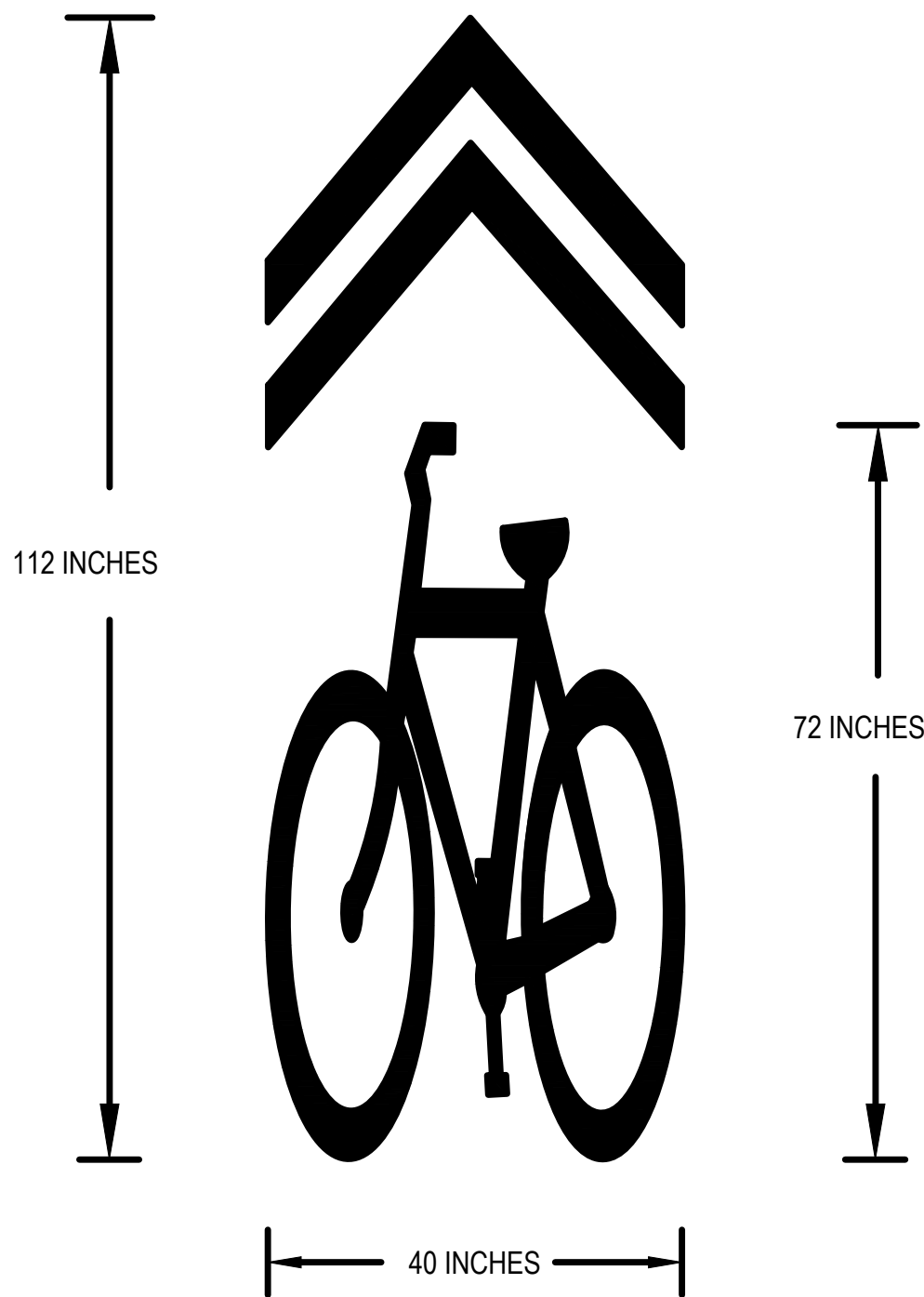
\*\*SPECIAL NOTES:

- ALL PAVEMENT MARKINGS AND SIGNAGE SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (2023 MUTCD)
- 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.
- THE DESIGN IS BASED ON AERIAL IMAGERY FROM BING MAPS USING AUTODESK CIVIL 3D SOFTWARE; ALL SPACING AND DIMENSIONS MUST BE FIELD VERIFIED BY THE CONTRACTOR
- THE CONTRACTOR MUST NOTIFY THE ENGINEER AFTER PLACING TEMPORARY MARKINGS. THE ENGINEER WILL VERIFY DIMENSIONS BEFORE PERMANENT STRIPING IS APPLIED.
- ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE SPECIFIED.

DETAIL NO. 3

NOTES:

- REFER TO MUTCD 2023 EDITION PART 9 FIGURE 9E-1 WORD, SYMBOL, AND ARROW PAVEMENT MARKINGS FOR BICYCLE LANES. REDUCED SIZE MARKINGS TO BE USED WHERE REQUIRED IN THE FIELD. REFER TO FIGURE 9E-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 12 FEET FROM THE FACE OF THE CURB, OR FROM THE EDGE OF THE PAVEMENT WHERE THERE IS NO CURB. (2023 MUTCD, SECTION 9E.09)
- 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. (2023 MUTCD, SECTION 9E.09)

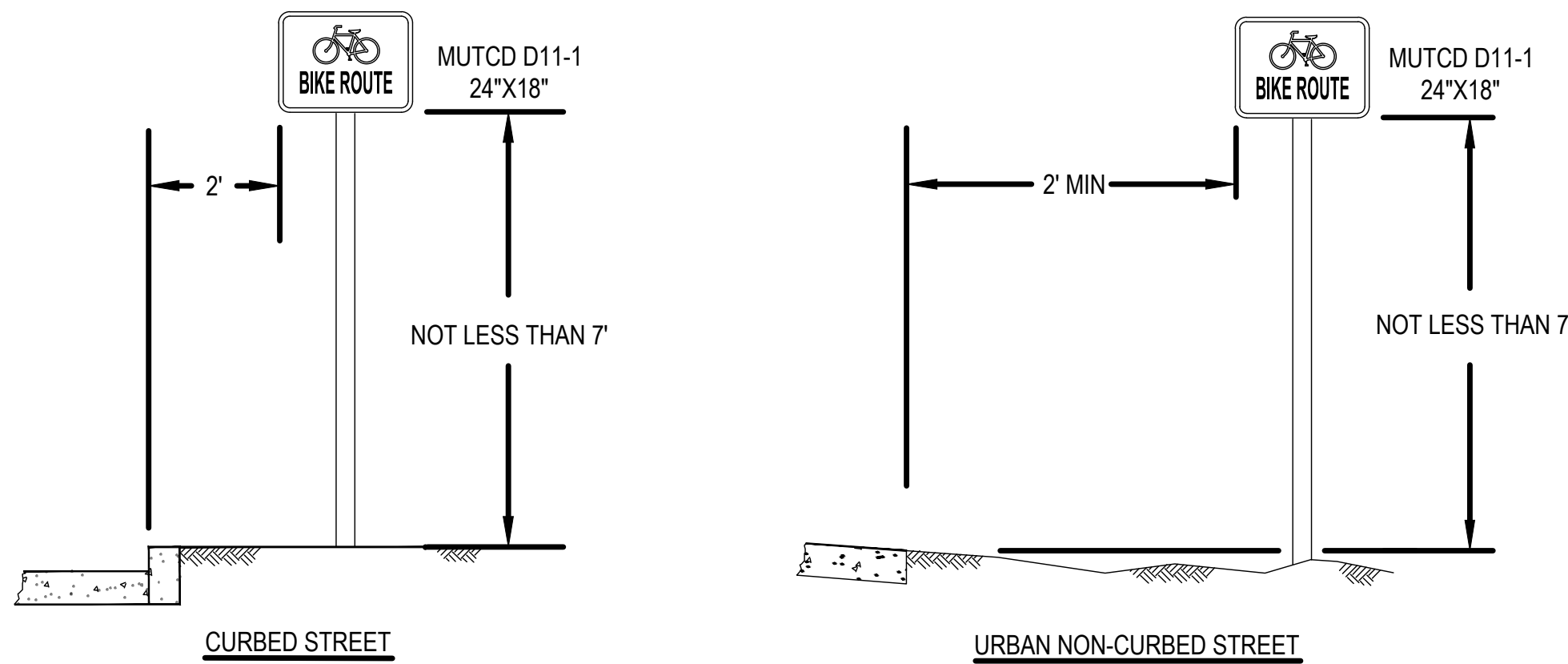


SHARROW SYMBOL

SHARROW MARKING DETAIL

NOT TO SCALE

DETAIL NO. 4



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 (2023 MUTCD), 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.
- IF A SECOND SIGN IS MOUNTED BELOW AN EXISTING SIGN, IT SHALL BE 7' ABOVE TOP OF CURB

HEIGHT AND LATERAL LOCATION OF SIGNS - TYPICAL INSTALLATIONS

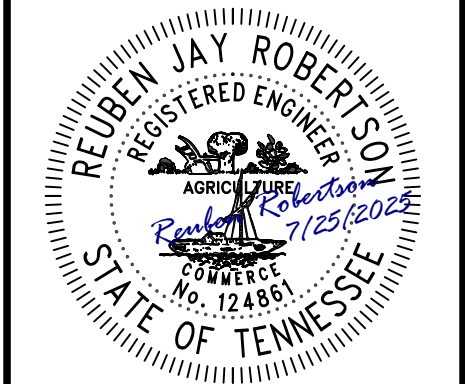
NOT TO SCALE



LDA ENGINEERING

REV	DATE	REVISION DESCRIPTION

METROPOLITAN GOVERNMENT OF NASHVILLE  
AND DAVIDSON COUNTY, TENNESSEE  
APPLE VALLEY ROAD BIKEWAY IMPROVEMENTS  
FROM WEST CAMPBELL ROAD TO CONNARE DRIVE

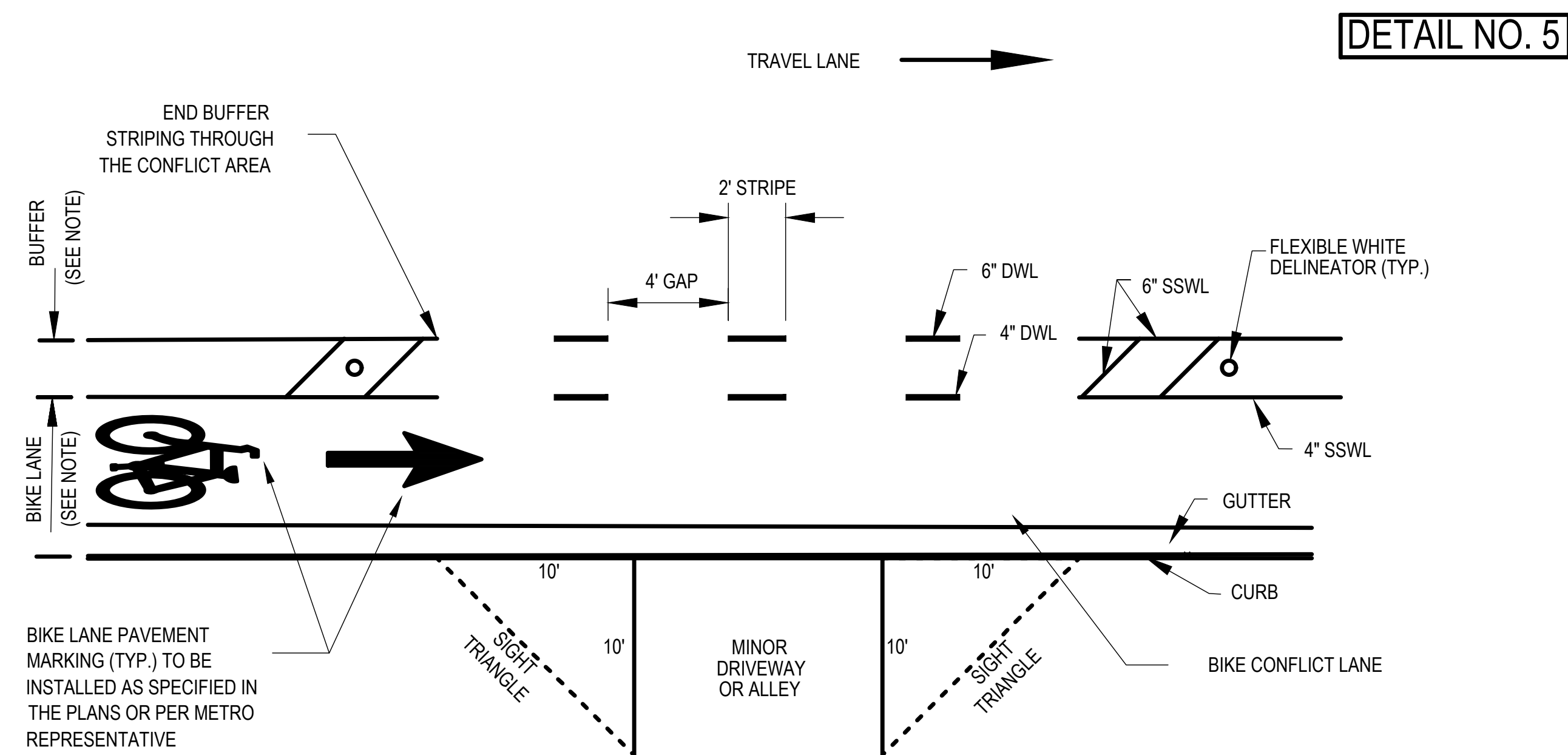


PROJECT NUMBER:	NTS03
DATE:	7-2025
SCALE:	
DRAWN BY:	JWC
DESIGNED BY:	JAD

SHEET TITLE:

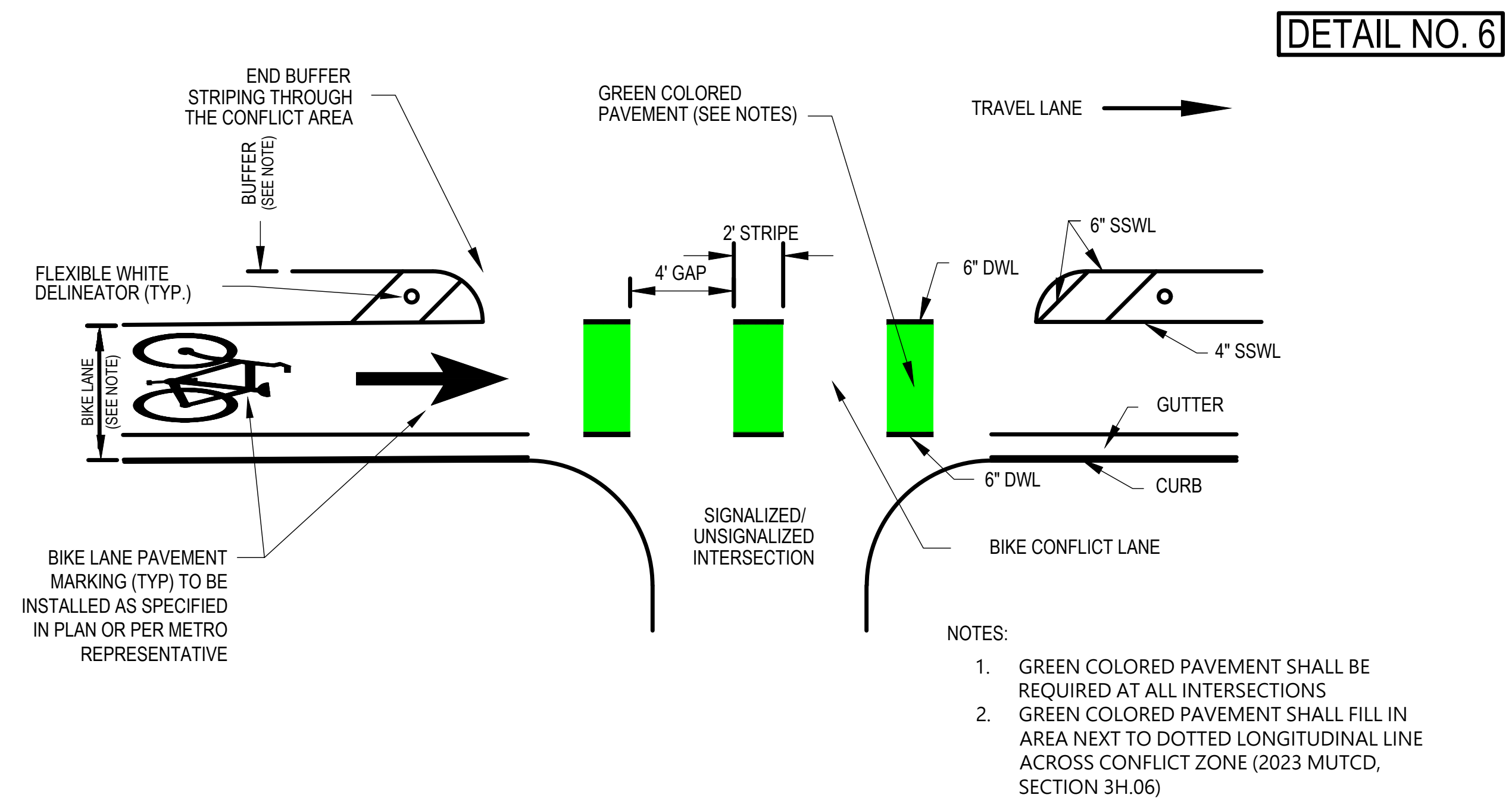
TYPICAL  
DETAILS





### SIGHT TRIANGLE & BIKE CONFLICT LINE (BCL) DETAIL AT DRIVEWAYS/ALLEYS

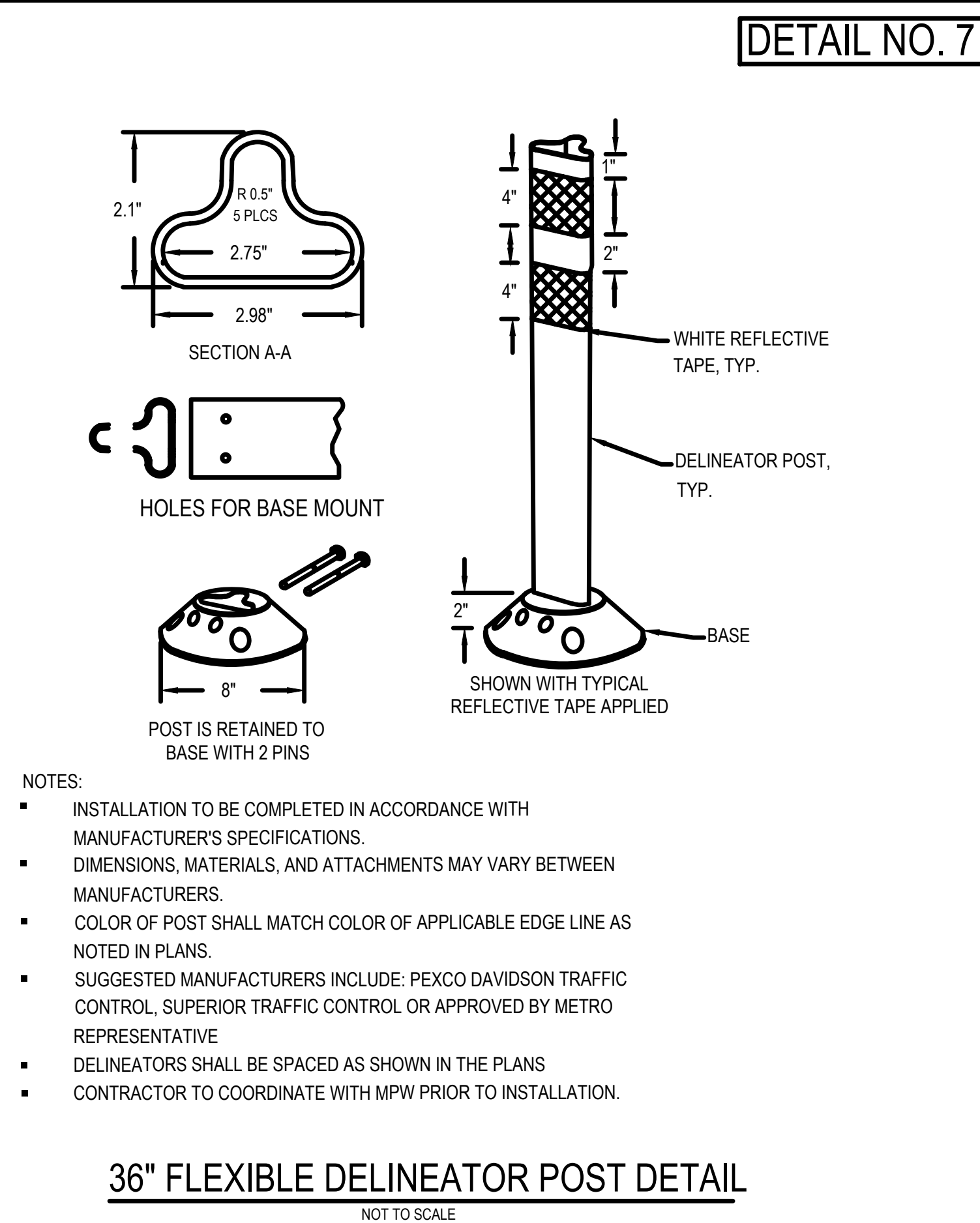
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## BIKE CONFLICT LINE (BCL) AT INTERSECTIONS

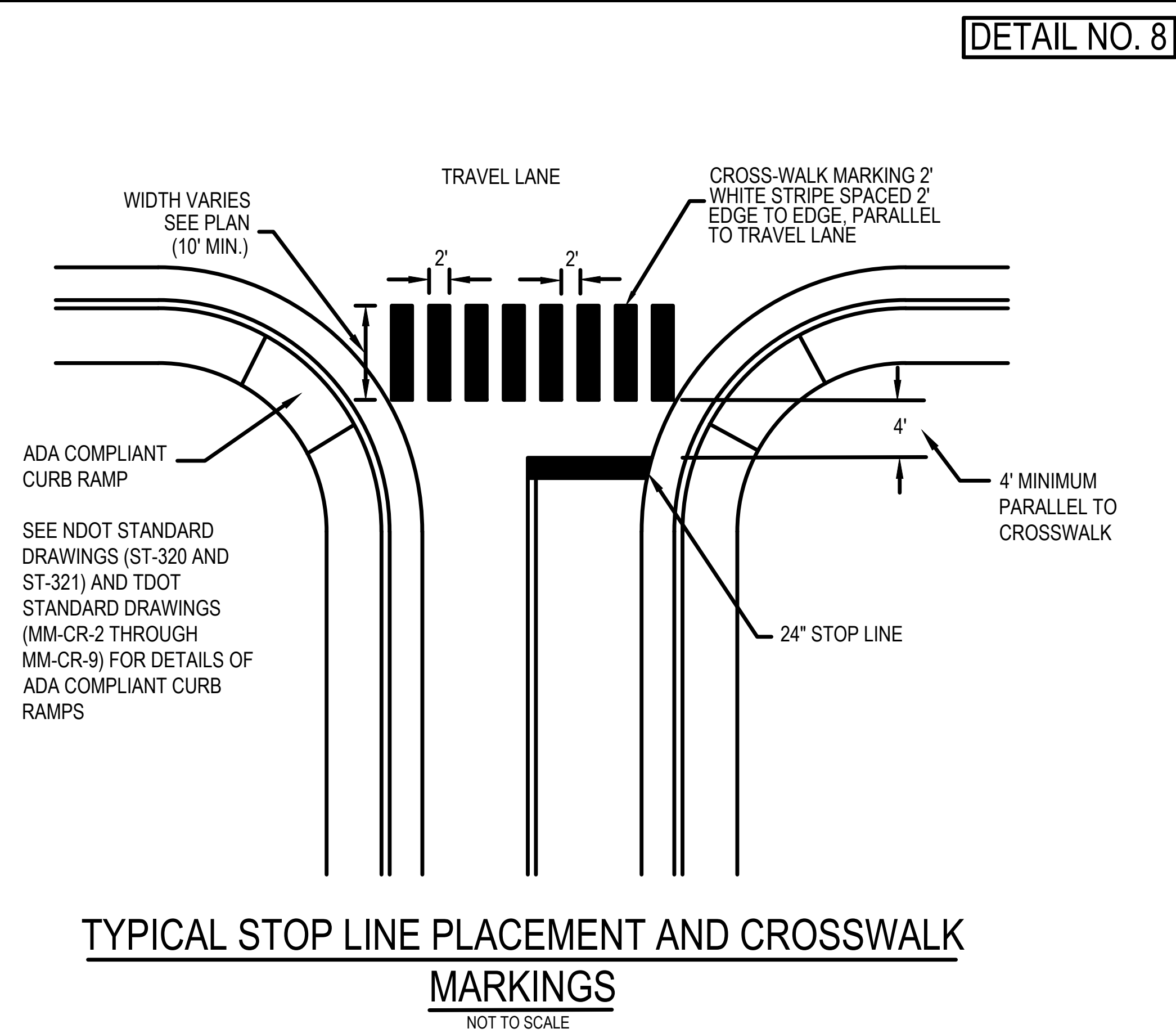
NOT TO SCALE

- 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.



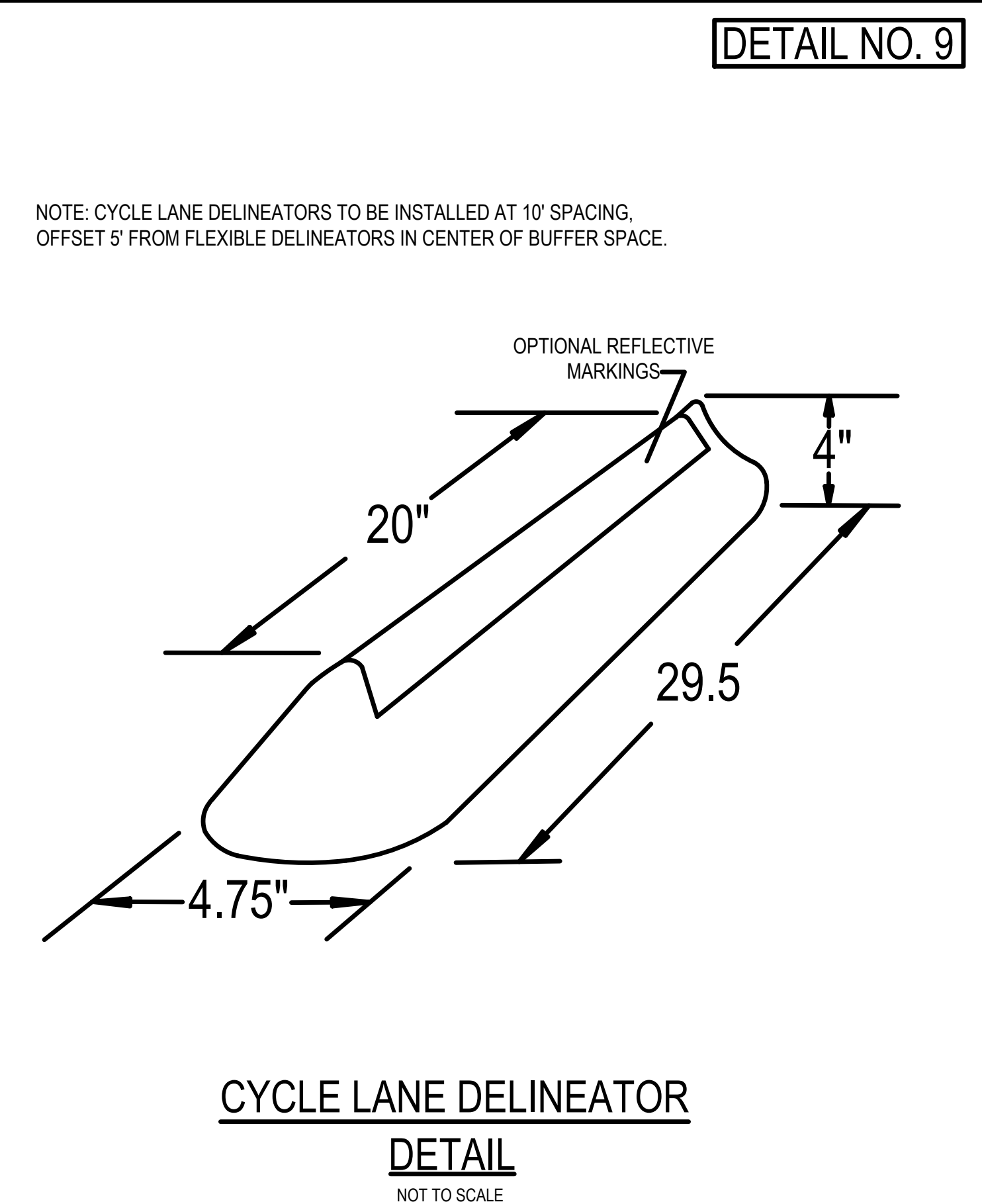
### 36" FLEXIBLE DELINEATOR POST DETAIL

NOT TO SCALE



## TYPICAL STOP LINE PLACEMENT AND CROSSWALK MARKINGS

NOT TO SCALE



## CYCLE LANE DELINEATOR DETAIL

NOT TO SCALE



LDA ENGINEERING

[illegible]

**METROPOLITAN GOVERNMENT OF NASHVILLE  
AND DAVIDSON COUNTY, TENNESSEE  
APPLE VALLEY ROAD BIKEWAY IMPROVEMENTS  
FROM WEST CAMPBELL ROAD TO CONNARE DRIVE**



PROJECT NUMBER: NDT503

DATE: 7-2025	SCALE:
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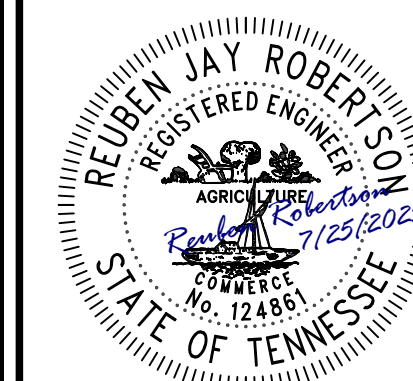
<b>DRAWN BY:</b> JWC	<b>DESIGNED BY:</b> JAD
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**SHEET TITLE:**

## TYPICAL DETAILS

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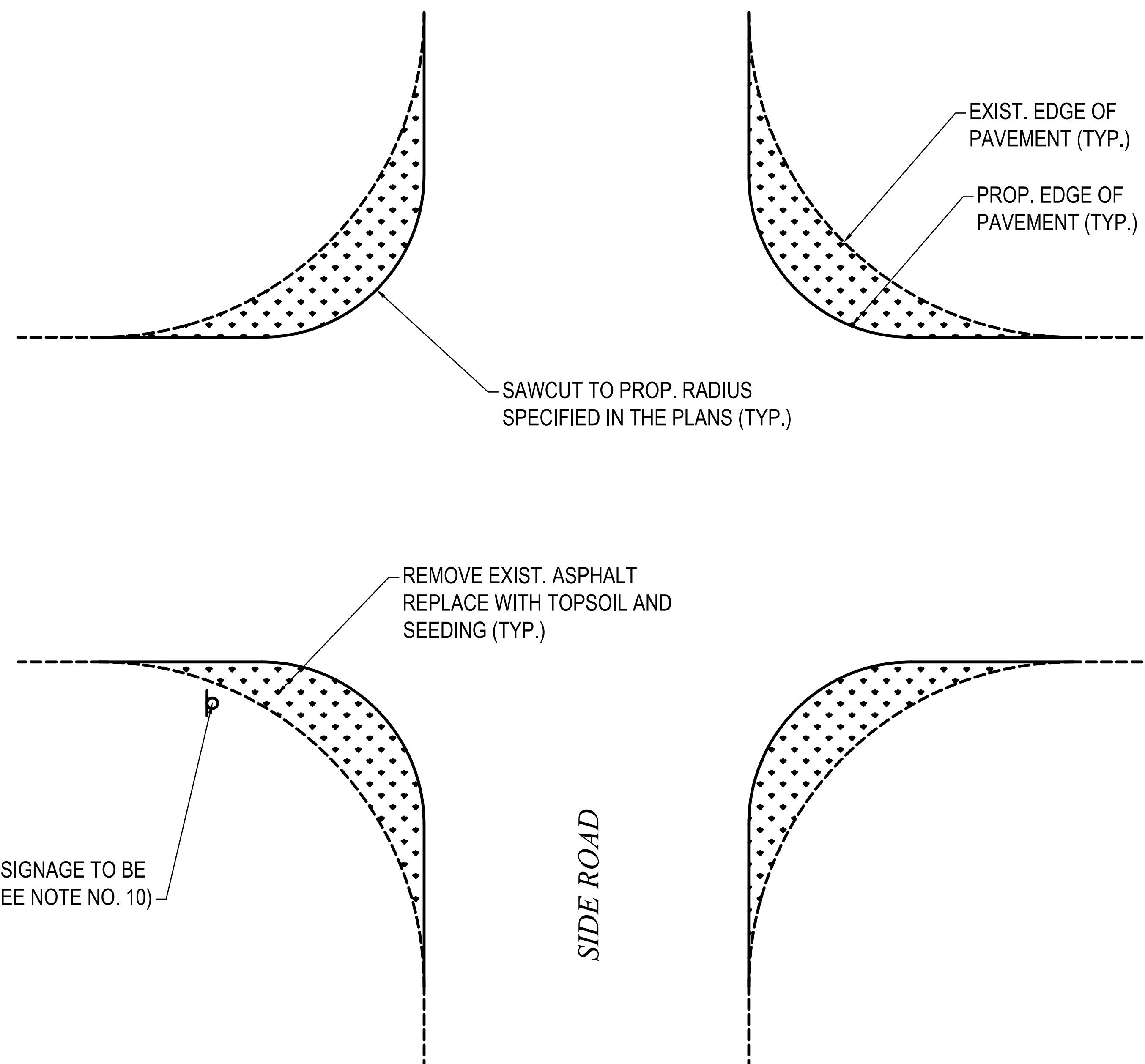
METROPOLITAN GOVERNMENT OF NASHVILLE  
AND DAVIDSON COUNTY, TENNESSEE  
APPLE VALLEY ROAD BIKEWAY IMPROVEMENTS  
FROM WEST CAMPBELL ROAD TO CONNARE DRIVE



<b>DRAWN BY:</b> JWC	<b>DESIGNED BY:</b> JAD
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DEPAVING  
DETAIL

SHEET 4 OF 11

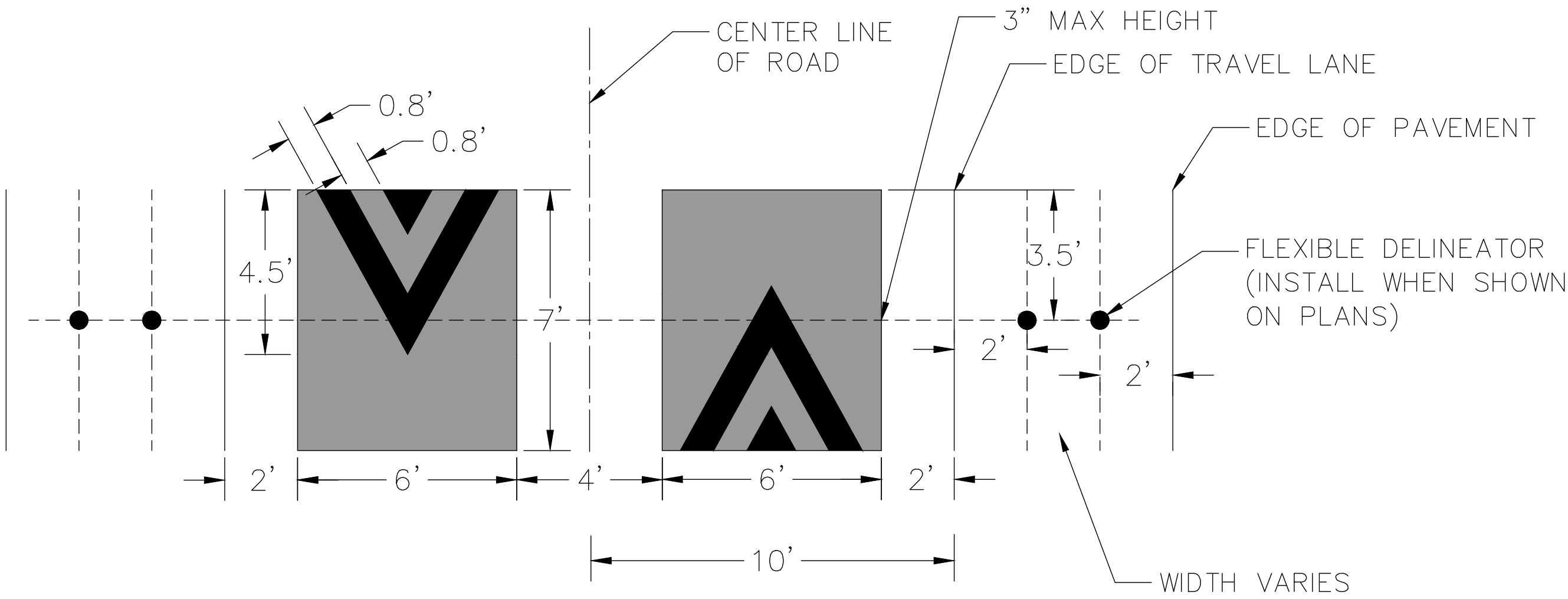


## DEPAVING DETAIL

NOT TO SCALE

1. CONTRACTOR SHALL VERIFY EXISTING ASPHALT THICKNESS IN THE FIELD.
2. CONTRACTOR SHALL SAWCUT THE EXISTING ASPHALT PAVEMENT TO THE PROPOSED RADIUS AS SPECIFIED IN THE PLANS.
3. DEPAVED ASPHALT AND OTHER EXCAVATED MATERIAL SHALL BE DISPOSED OF BY THE CONTRACTOR.
4. TOPSOIL (MAX. 6" DEPTH) SHALL BE PLACED IN DEPAVED AREA.
5. MAINTAIN EXISTING GRADE/TOPOGRAPHY/DRAINAGE PATTERN WITH TOPSOIL INSTALLATION.
6. IF EXISTING ASPHALT BEING REMOVED HAS A THICKNESS GREATER THAN 6", THEN ADDITIONAL MINERAL AGGREGATE, TYPE A BASE, GRADING D GRAVEL (ITEM NO. 303-01.08) SHALL BE PLACED UNTIL 6" TOPSOIL DEPTH CAN BE ACCOMPLISHED.
7. SEEDING SHALL BE PLACED ON SURFACE OF TOPSOIL.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ANY AND ALL UTILITY RELOCATION WORK.
9. EXACT UTILITY LOCATIONS SHALL BE DETERMINED IN THE FIELD CONTACTING THE UTILITY COMPANIES INVOLVED.
10. EXISTING STOP SIGNS ARE TO BE RELOCATED SO EDGE OF SIGN FACE IS 2 FEET FROM THE PROPOSED EDGE OF PAVEMENT. ENSURE STOP SIGN IS WITHIN 4 FEET OF STOP LINE AND THE STOP LINE SHALL NOT PRECEDE THE STOP SIGN. PLANS SHOW THE PROPOSED RELOCATED SIGN PLACEMENT.







6' X 7' SPEED CUSHION DETAIL

NOT TO SCALE

SIGN SCHEDULE

DESCRIPTION		SIGN ID	SIZE	QTY.
	20 MPH	W13-1P	18"X18"	14
	SPEED CUSHIONS AHEAD	W17-1 (MOD.)	30"X30"	14
	BIKE ROUTE	D11-1	24"X18"	1
	BICYCLE ROUTE LEFT AND RIGHT TURN ARROW (PLAQUE)	M6-4P	12"X9"	1
	BICYCLE ROUTE STRAIGHT AND LEFT ARROW (PLAQUE)	M6-6PL	12"X9"	1
	BICYCLES ALLOWED USE OF FULL LANE	R9-20	30"X30"	4
	NOTICE (PLAQUE)	W16-18P	24"X12"	2

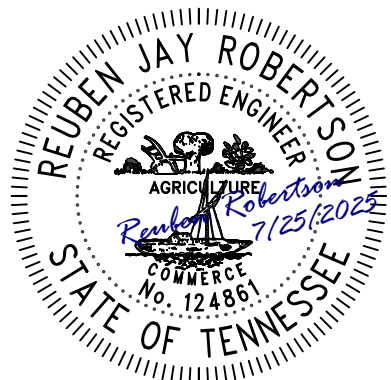
SUM OF TOTAL S.F. = 153 FT²



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FROM WEST CAMPBELL ROAD TO CONNARE DRIVE

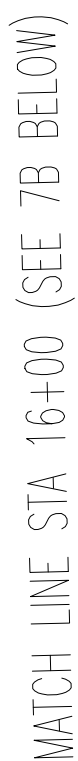


PROJECT NUMBER: NDT503	
DATE: 7-2025	SCALE:
DRAWN BY: JWC	DESIGNED BY: JAD
SHEET TITLE: SPEED CUSHION DETAIL & SIGN SCHEDULE	
SHEET 5 OF 11	

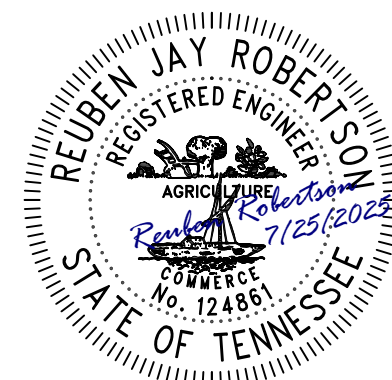






[illegible]

**METROPOLITAN GOVERNMENT OF NASHVILLE  
AND DAVIDSON COUNTY, TENNESSEE**  
APPLE VALLEY ROAD BIKEWAY IMPROVEMENTS  
FROM WEST CAMPBELL ROAD TO CONNARE DRIVE



SHEET TITLE:

# PROPOSED PAVING LAYOUT

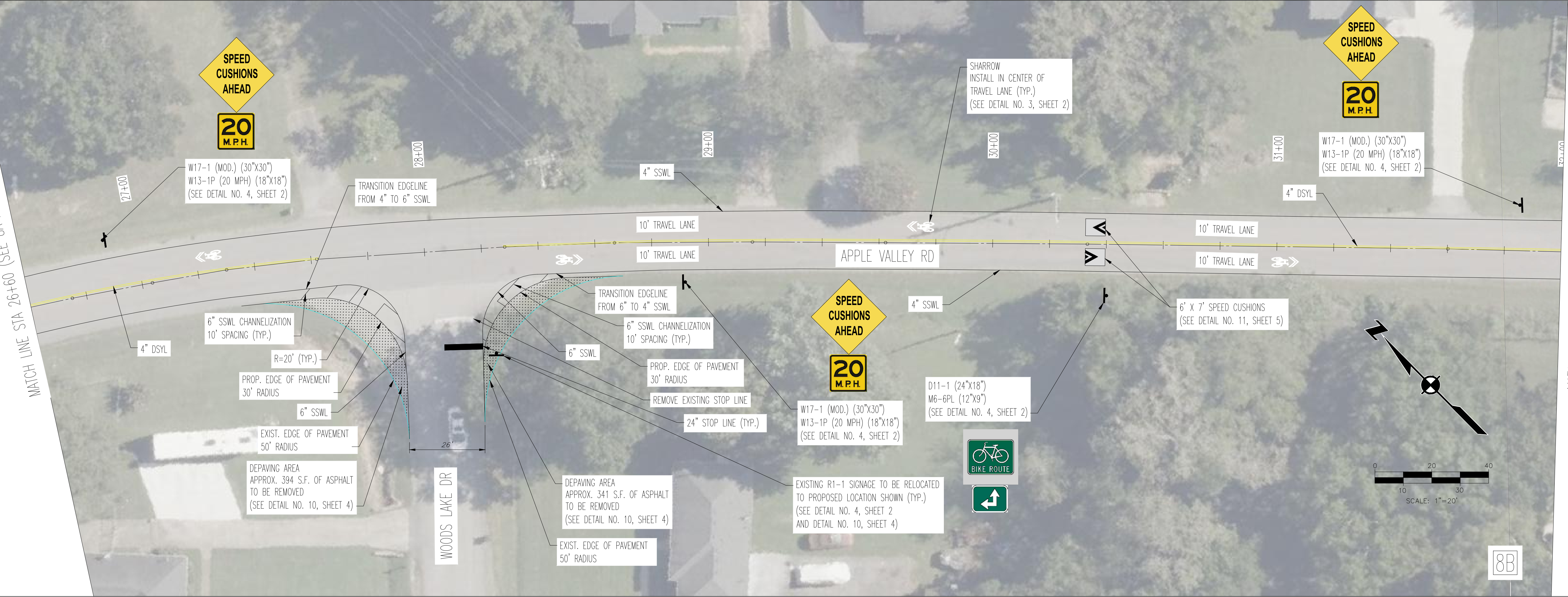


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MATCH LINE STA 21+40 (SEE 7B ON SHEET 7)



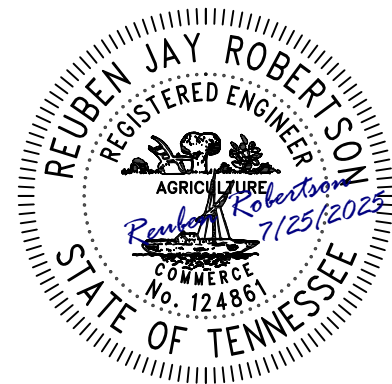
MATCH LINE STA 26+60 (SEE 8A ABOVE)



LDA ENGINEERING

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PROJECT NUMBER: NDT503  
DATE: 7-2025 SCALE: 1" = 20'  
DRAWN BY: JWC DESIGNED BY: JAD

SHEET TITLE:


PROPOSED  
PAVING  
LAYOUT

SHEET 8 OF 11



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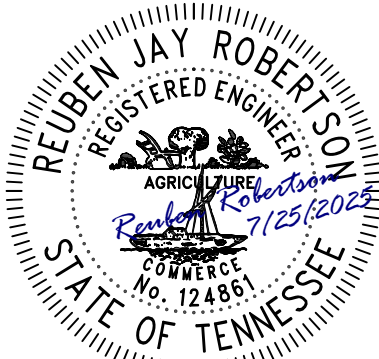


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FROM WEST CAMPBELL ROAD TO CONNARE DRIVE



PROJECT NUMBER: NDT503

DATE: 7-2025

DRAWN BY: JWC

DESIGNED BY: JAD

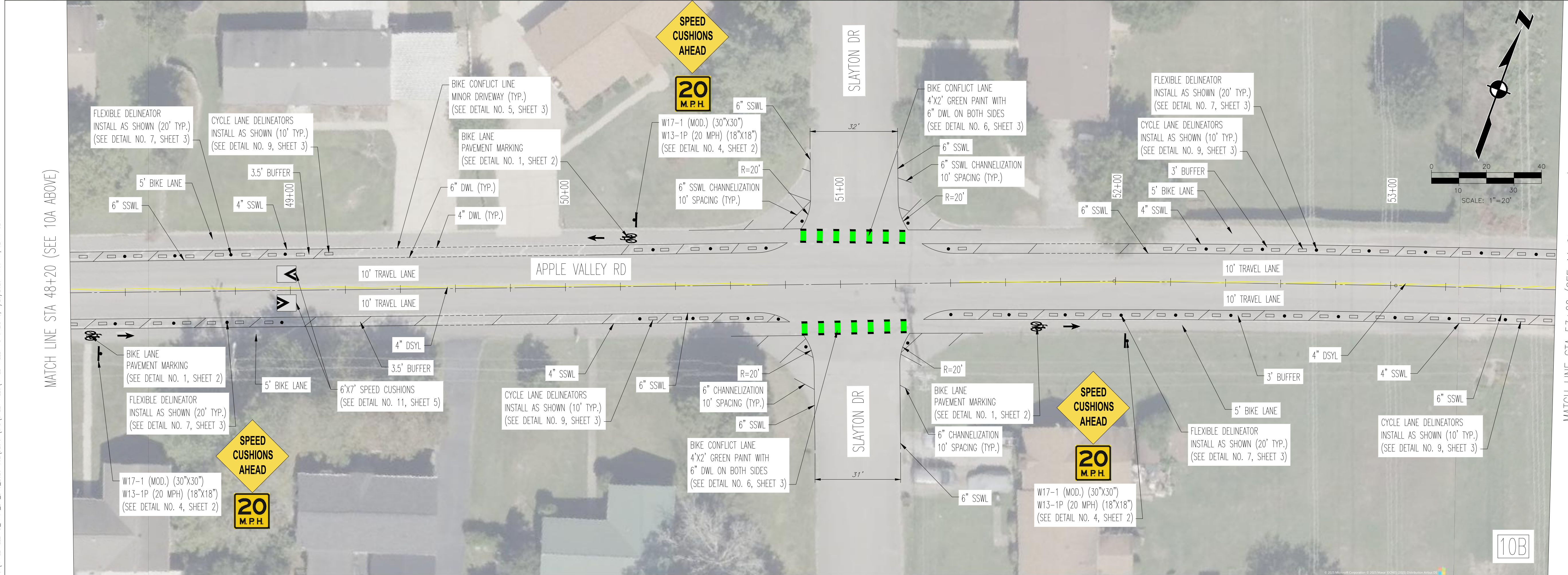
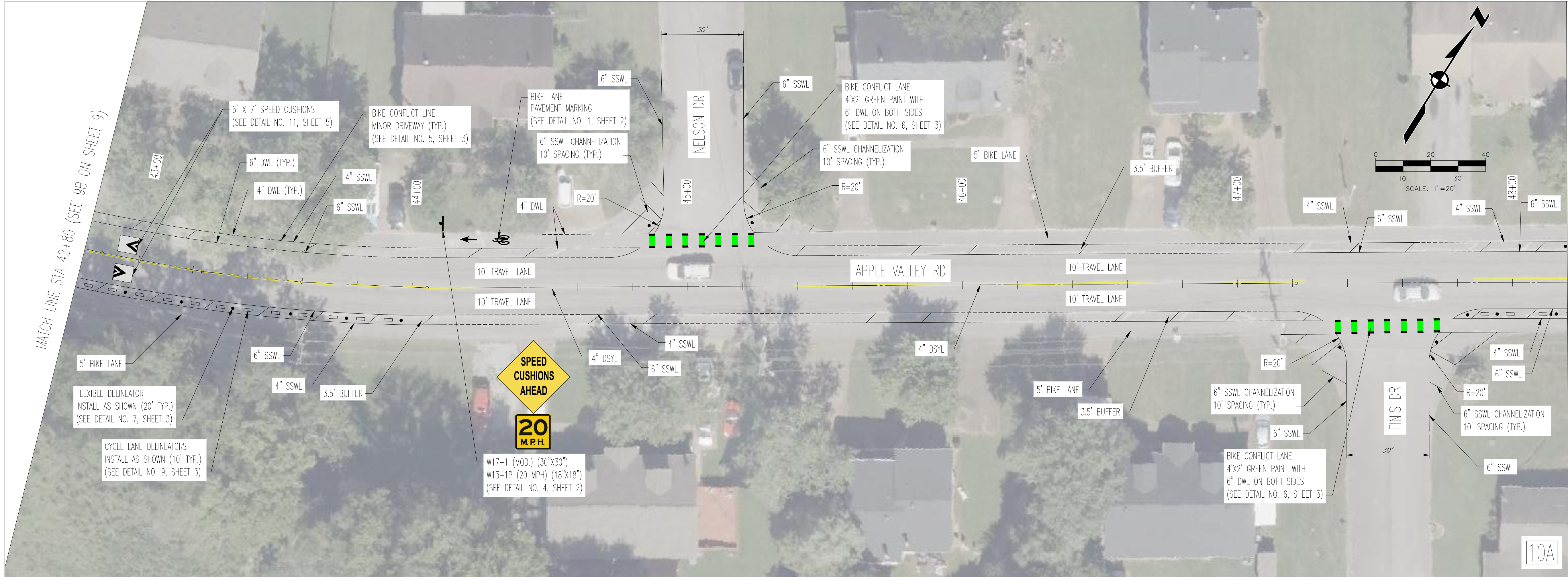
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PROPOSED  
PAVING  
LAYOUT

SHEET 9 OF 11



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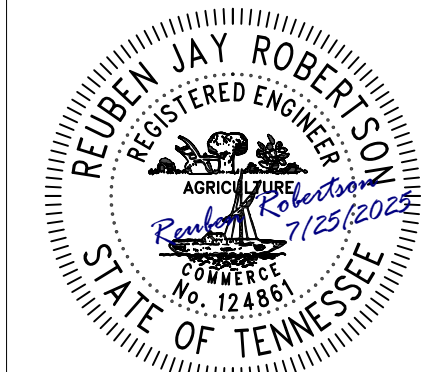
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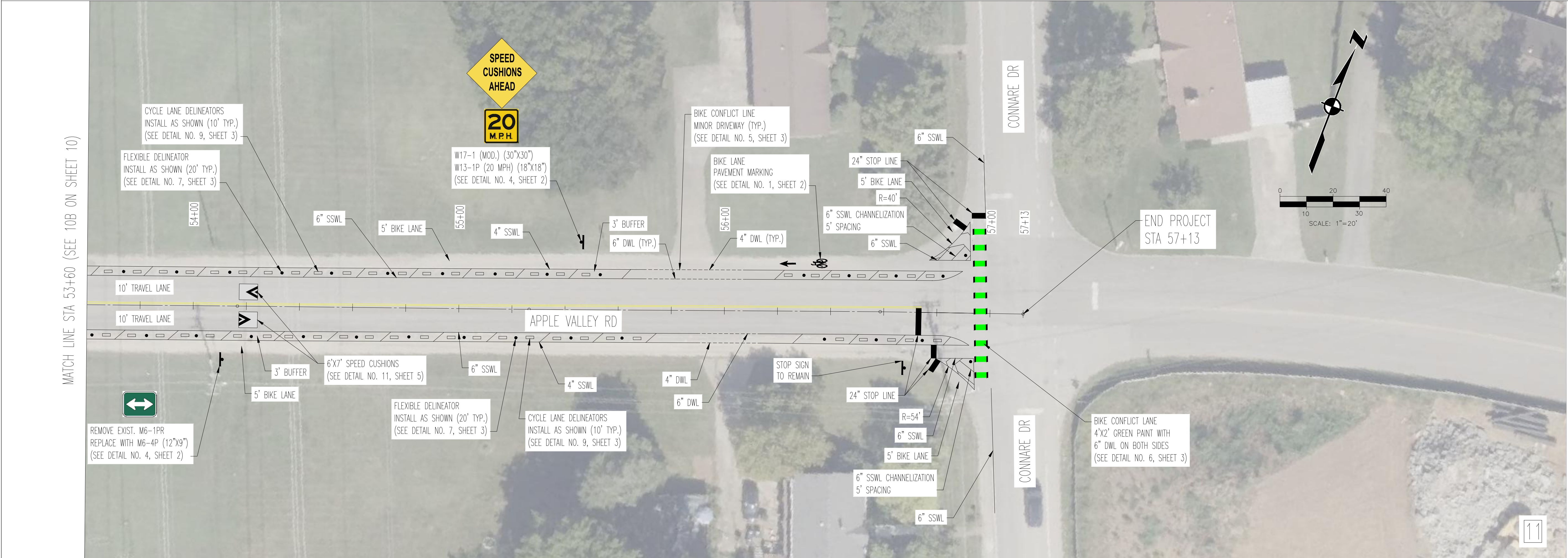
PROJECT NUMBER: NDT503  
DATE: 7-2025 SCALE: 1" = 20'  
DRAWN BY: JWC DESIGNED BY: JAD

SHEET TITLE:  
**PROPOSED  
PAVING  
LAYOUT**

SHEET 10 OF 11



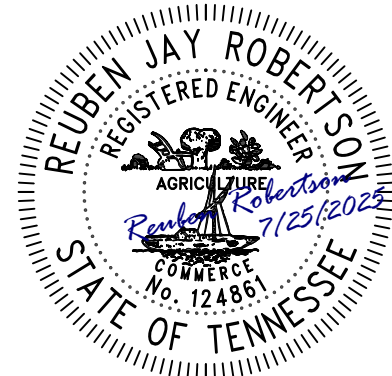
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**PROPOSED  
PAVING  
LAYOUT**

SHEET 11 OF 11