

11/25/2024
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OWNER'S CERTIFICATION

I HEREBY CERTIFY THAT ALL CLEARING, GRADING, CONSTRUCTION AND/OR DEVELOPMENT WILL BE DONE PURSUANT TO THIS PLAN AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF NATURAL RESOURCES APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT.

DATE _____ JOSE THOMMANA
CHIEF, DIVISION OF
TRANSPORTATION ENGINEERING

DESIGN CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE "2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL", MONTGOMERY COUNTY DEPARTMENT OF PERMITTING SERVICES EXECUTIVE REGULATIONS 5-90, 7-02AM AND 36-90, AND MONTGOMERY COUNTY DEPARTMENT OF PUBLIC WORKS AND TRANSPORTATION "STORM DRAIN DESIGN CRITERIA" DATED AUGUST 1988.

DATE _____ LORI R. ADGATE, P.E.
MD. REGISTRATION NO. 28255

CERTIFICATION OF THE QUANTITIES

I HEREBY CERTIFY THAT THE ESTIMATED TOTAL AMOUNT OF EXCAVATION AND FILL AS SHOWN ON THESE PLANS HAS BEEN COMPUTED TO XXX CUBIC YARDS OF EXCAVATION, XXX CUBIC YARDS OF FILL AND THE TOTAL AREA TO BE DISTURBED AS SHOWN ON THESE PLANS HAS BEEN DETERMINED TO BE XX,XXX SQUARE FEET.

DATE _____ LORI R. ADGATE, P.E.
MD. REGISTRATION NO. 28255

15% SUBMITTAL
NOV. 2024

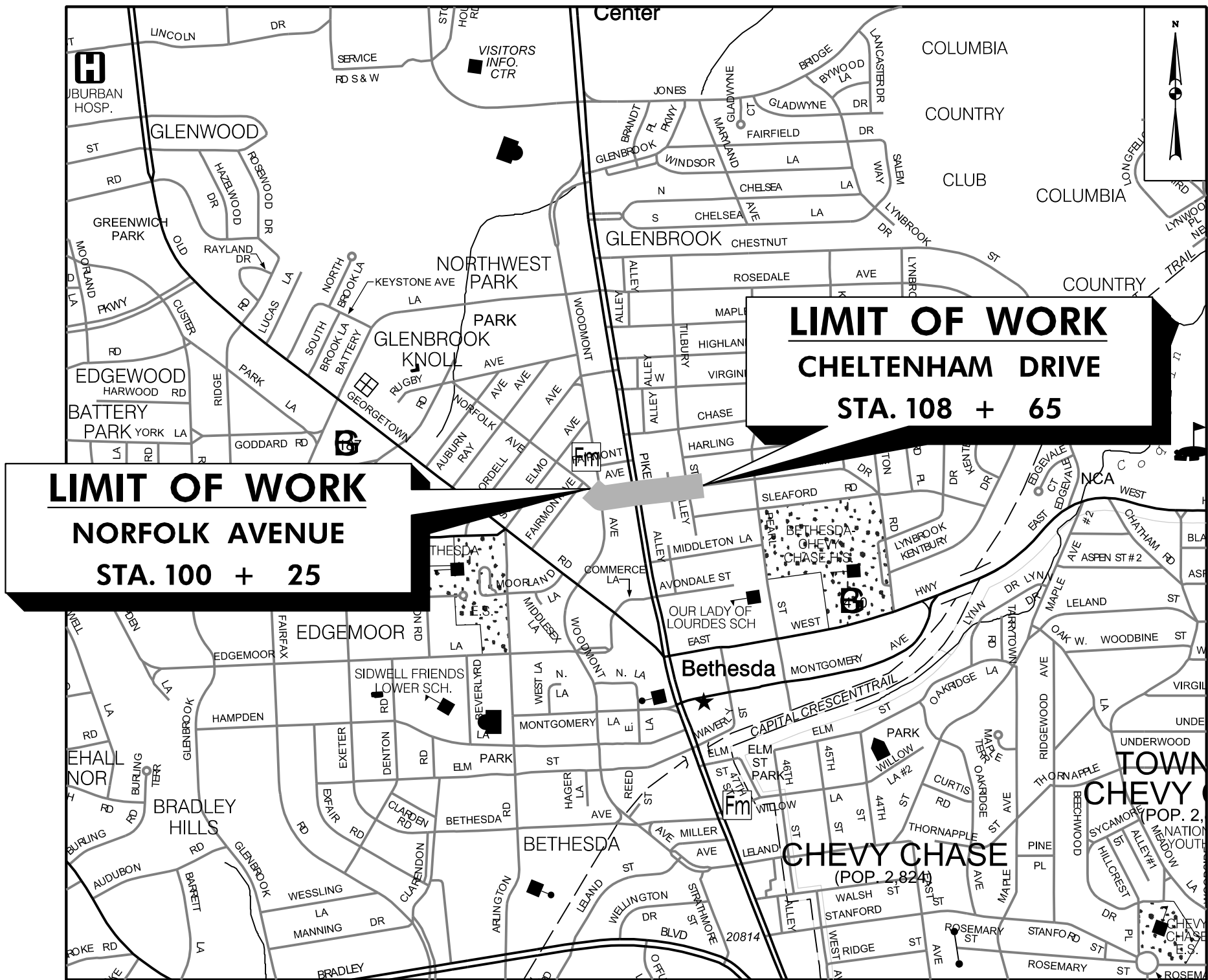


PROFESSIONAL CERTIFICATION:
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED
OR APPROVED BY ME AND THAT I AM A DULY LICENSED
PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE
OF MARYLAND.
LICENSE NO: _____ EXPIRATION DATE: _____

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MONTGOMERY COUNTY
DEPARTMENT OF TRANSPORTATION
CHELTENHAM DRIVE
BIKEWAY

CIP PROJECT NO. 500119
SHA TRACKING NO. XX-XX-XX-00X-XX



VICINITY MAP
SCALE: 1" = 1000'

LENGTH OF PROJECT:
NORFOLK AVENUE = 0.09 miles
CHELTENHAM DRIVE = 0.08 miles

The following standards (construction and temporary traffic control) are required for this project:

- A. MD 104.02-10 - Flagging Operation/2-Lane, 2-Way Equal/ Less than 40 MPH
- B. MD 580.03 - New Combination Curb & Gutter Placement Along Existing Pavement
- C. MD 620.02-01 - Standard Types C And D Concrete Curb and Combination Concrete Curb & Gutter
- D. MD 620.03 - Depressed Curb for Combination Curb and Gutter and Depressed Curb for Sidewalk Ramps
- E. MD 630.01 - Standard Entrance Construction Residential & Commercial Method No.1
- F. MD 630.02 - Standard Entrance Construction Residential & Commercial Method No.2
- G. MD 645.01 - Standard Monolithic Concrete Median Type A
- H. MD 655.11 - Sidewalk Ramps Perpendicular
- I. MD 655.12 - Sidewalk Ramps Parallel
- J. MD 655.13 - Sidewalk Ramps Combination
- K. MD 655.40 - Detectable Warning Surfaces
- L. MC-100.01 - Combination Concrete Curb and Gutter - Type A
- M. MC-102.01 - Depressed Curb Entrance
- N. MC-111.01 - Business District Sidewalk

For all standards referred to on the plans the contractor must go to the MDOT SHA Book of Standards or Montgomery County design standards which will have the most current version.
The Book of Standards can be accessed at:

<http://apps.roads.maryland.gov/businesswithsha/bizstdsSpecs/desManualStdPub/publicationonline/ohd/bookstd/index.asp>
<https://www.montgomerycountymd.gov/dot-dte/common/standards.html>

MISS UTILITY

THE CONTRACTOR SHALL CALL "MISS UTILITY" AT 1-800-257-7777, 48 HOURS PRIOR TO THE START OF WORK. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL UNDERGROUND UTILITIES IN THE AREA OF PROPOSED WORK ARE LOCATED PRIOR TO COMMENCING CONSTRUCTION WORK. THE CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH REQUIREMENTS OF CHAPTER 36A OF THE MONTGOMERY COUNTY CODE.

THE CONTRACTOR IS ALSO RESPONSIBLE FOR LOCATING ALL PRIVATE UTILITIES (NOT LOCATED BY MISS UTILITY) WITHIN HOA PROPERTY AT THEIR EXPENSE. ALL UTILITIES SHOWN ON THE PLANS ARE PROVIDED FOR INFORMATION ONLY AND SHALL BE CONSIDERED APPROXIMATE. HOA SHALL NOT BE RESPONSIBLE FOR LOCATING UNDERGROUND UTILITIES. ANY UTILITIES OR OTHER UNDERGROUND FACILITIES DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED/REPLACED AT THE CONTRACTOR'S SOLE EXPENSE.

TI-01

DEPARTMENT OF TRANSPORTATION
DIVISION OF TRANSPORTATION ENGINEERING
MONTGOMERY COUNTY, MARYLAND

CHELTENHAM DRIVE BIKEWAY
TITLE SHEET

SCALE: N.T.S.

SHEET 01 of 09

GENERAL NOTES

1. THE SPECIFICATIONS FOR THIS CONTRACT WILL BE THOSE OF THE MARYLAND STATE HIGHWAY ADMINISTRATION DATED JULY 2024, ALL ERATA AND ADDENDA THERETO, AND THE MARYLAND STATE HIGHWAY ADMINISTRATION BOOK OF STANDARDS FOR HIGHWAY AND INCIDENTAL STRUCTURES.
2. FOR CONSTRUCTION, HORIZONTAL SHALL BE BASED ON NAD 83/91 DATUM AND VERTICAL SHALL BE BASED ON NAVD 1988 DATUM.
3. INFORMATION CONCERNING UNDERGROUND UTILITIES WAS OBTAINED FROM AVAILABLE RECORDS, BUT THE CONTRACTOR MUST DETERMINE THE EXACT LOCATIONS AND ELEVATIONS OF THE LINES BY DIGGING TEST PITS BY HAND AT ALL UTILITY CROSSINGS, WELL IN ADVANCE OF TRENCHING. IF CLEARANCES ARE LESS THAN SHOWN OR SIX (6) INCHES, WHICHEVER IS LESS, CONTACT MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION'S PROJECT INSPECTOR AND THE APPROPRIATE UTILITY OWNER BEFORE PROCEEDING WITH CONSTRUCTION.
4. REPAIRS TO UTILITIES OR PROPERTY DAMAGE AS A RESULT OF THE CONTRACTOR'S NEGLIGENCE OR METHOD OF OPERATION MUST BE MADE AT THE CONTRACTOR'S EXPENSE BEFORE PROCEEDING WITH CONSTRUCTION.
5. CALL "MISS UTILITY" AT 1-800-257-7777 FORTY- EIGHT (48) HOURS PRIOR TO BEGINNING EXCAVATION TO DETERMINE THE EXACT LOCATION OF EXISTING UTILITIES.
6. CLEARING IS TO BE LIMITED TO THE "LIMIT OF DISTURBANCE" AS SHOWN ON THE PLANS.
7. ALL GRADING SHALL BE DONE IN SUCH A MANNER AS TO PROVIDE POSITIVE DRAINAGE.
8. DISTURBED AREAS ADJACENT TO ESTABLISHED LAWNS AND WATER QUALITY SWALES SHALL BE SODDED. OTHER DISTURBED AREAS SHALL BE SEEDED AND MULCHED.
9. THE CONTRACTOR SHALL OBTAIN A ROADSIDE TREE PERMIT FOR ANY MAINTENANCE, TREATMENT, PLANTING, REMOVAL, OR ROOT CUTTING ON TREES WITHIN THE PUBLIC RIGHT OF WAY. PERMIT REQUIREMENTS MAY BE OBTAINED FROM THE DEPARTMENT OF NATURAL RESOURCES, MARYLAND FOREST, PARK AND WILDLIFE SERVICE, TELEPHONE 301-854-6060
10. THE LOCATION OF RIGHT-OF-WAY AND EASEMENT LINES SHOWN ON THE PLANS ARE FOR INFORMATION AND GUIDANCE ONLY. NO GUARANTEE IS MADE AS TO THE ACCURACY OF SAID LOCATIONS. PLEASE REFER TO THE APPROPRIATE RIGHT-OF-WAY PLATS.
11. THE CONTRACTOR SHALL INSTALL PEDESTRIAN DETECTABLE WARNING SURFACES AT ALL SIDEWALK & PEDESTRIAN CROSSINGS. LOCATIONS AS DIRECTED BY THE ENGINEER. THE WARNING SURFACES SHALL BE IN CONFORMANCE WITH ADA REQUIREMENTS AND THE PROJECT SPECIAL PROVISION.
12. THE DESIGN FOR THIS PROJECT HAS INCORPORATED FACILITIES FOR THE ELDERLY AND HANDICAPPED IN COMPLIANCE WITH STATE AND FEDERAL LEGISLATION.
13. ALL UTILITY POLES NOTED FOR RELOCATION SHALL BE PERFORMED BY OTHERS.

SYMBOLS

EXISTING RIGHT OF WAY LINE		CUT SLOPE	
PROPOSED RIGHT OF WAY LINE		FILL SLOPE	
PROPOSED TRAFFIC BARRIER		LIMIT OF DISTURBANCE	
EXISTING TRAFFIC BARRIER		SILT FENCE	
EXISTING WOOD FENCE LINE		SUPER SILT FENCE	
EXISTING CHAIN LINK FENCE LINE		DIVERSION FENCE	
BASE OR SURVEY LINE		STONE CHECK DAM	
EXISTING FIRE HYDRANT		TEMPORARY STONE OUTLET STRUCTURE	
PROPOSED STORM DRAIN		TEMPORARY GABION OUTLET STRUCTURE	
EXISTING STORM DRAIN		AT-GRADE INLET PROTECTION	
EXISTING INLET		CURB INLET PROTECTION	
EXISTING UTILITY POLE		MEDIAN INLET PROTECTION	
EXISTING TREE		STANDARD INLET PROTECTION	
EXISTING TREE LINE		STABILIZED CONSTRUCTION ENTRANCE	

ABBREVIATIONS

A.A.S.H.T.O. American Association of State Highway Transportation Officials	H.D.P. High Density Polyethylene	R Radius
ABUT. Abutment	HDWL. Headwall	REINF. Reinforcement
ADT Average Daily Traffic	H.E.R.C.P. Horizontal Elliptical Reinforced Concrete Pipe	REQ'D Required
AHD Ahead	H.P. High Point	R.F. Rock Fragments
APPROX. Approximate	H.S.D. Headlight Sight Distance	RT. Right
B. or BL Baseline	IN. Inch	RW or RW Right of Way
BK Back /Book	I.S.T. Inlet Sediment Trap	R.C.P. Reinforced Cement Pipe
BIT. Bituminous	INV. Invert	R.C.C.P. Reinforced Cement Concrete Pipe
B.C. Bituminous Concrete	J.B. Junction Box	R.Q.D. Rock Quality Designation
B.M. Bench Mark	K K Inlet	R.M. Rootmat
B.O.F. Bottom of Footing	L Length	S South
BOT. Bottom	L.F. Linear Feet	SAN. Sanitary Sewer
BRG. Bearing	L.L. Liquid Limit	SB or SB Southbound
C.C. Center of Curve	LOD Limit of Disturbance	S.D. Storm Drain
CATV Cable Television	LONG. Longitudinal	S.D.D. Surface Drain Ditch
C.B.R. California Bearing Ratio	L.P. Light Pole	SE Super Elevation
C.J. Contraction Joint	LT. Left	SF Silt Fence
C. or CL Centerline	MAC. Macadam	S.F. Square Feet
CL Class or Clear	MC Moisture Content	SHLDR. Shoulder
CLF Chainlink Fence	MAX. Maximum	SHA State Highway Administration
CMP Corrugated Metal Pipe	MDD Maximum Dry Content	SHT. Sheet
C.O. Cleanout	MOD. Modified	S.P.P. Structural Plate Pipe
COMB. Combination	MIN. Minimum	S.P.T. Standard Penetration Testing
CONC. Concrete	MN. Managed Roadway	S.S. Stainless Steel
CONSTR. Construction	M.S.E. Mechanically Stabilized Earth	SSD Stopping Sight Distance
COR. Corner	N North	SSF Super Silt Fence
CORR. Correction	NB Northbound	STD. Standard
C.Y. Cubic Yard	NE Northeast	STA Station
DC Degree of Curve	NO. Number	STIFF. Stiffener
D.H.V. Design Hourly Volume	NP Non-Plastic	SO. Single Opening
D.I. Drop Inlet	N.T.S. Not To Scale	S.Y. Square Yards
DIA. Diameter	O.C. On Center	SWM Stormwater Management
D.O. Double Opening	OH Overhead	T Tangent
D.S. Design Speed	OMC Optimum Moisture	T Telephone
DWG. Drawing	PAV.T. Pavement	T.C. Top of Cover
E East	PC Point of Curvature	TEMP. Temporary
E Electric	PCC Point of Compound Curvature	T.G. Top of Grate
e External Distance	PC Point of Crown	T or TL Traverse Line
EA Each	PGE Profile Grade Elevation	T.M. Top of Manhole
E.B. Eastbound	P.G.L. Profile Grade Line	T.O.F. Top of Footing
E.J. Expansion Joint	PGL Profile Ground Line	TRAV. Traverse
EL. or ELEV. Elevation	P Plate	TS Temporary Swale
E.R.C.C.P. Elliptical Reinforced Cement Concrete Pipe	PR Point of Rotation	T.S. Top of Slab
ES End Section	P.I. Plasticity Index	T.S. Topsoil
EX. or EXIST. Existing	P.I. Point of Intersection	TYP. Typical
FT. Feet	POC Point On Curve	U.D. Under Drain
F or FL Flowline	POT Point On Tangent	U.G. Underground
F.B.D. Flat Bottom Ditch	PR. Proposed	U.O.N. Unless Otherwise Noted
F.H. Fire Hydrant	PR. ROW Proposed Right of Way	U.P. Utility Pole
F.O. Fiber Optic	PROP. Proposed	USC Unified Soil Classification
F.O.C. Face of Curb	PRC Point of Reverse Curve	USDA United States Department of Agriculture
F.S. Full Super Elevation	PT. Point	VCL Vertical Clearance
FWD. Forward	PT Point of Tangency	V.C.L. Vertical Curve Length
G Gas	PVC Point of Vertical Curve	W Water
GL Gutterline	P.V.C. Polyvinyl Chloride	W West
GP General Purpose Roadway	PVI Point of Vertical Intersection	W.B. Westbound
G.V. Gas Valve	PVRC Point of Vertical Reverse Curve	WB Wetland Buffer
H.B. Handbox	PVT Point of Vertical Tangency	W.M. Water Meter
		W.S. Wrapped Steel

GN-01

DEPARTMENT OF TRANSPORTATION
DIVISION OF TRANSPORTATION ENGINEERING
MONTGOMERY COUNTY, MARYLAND

CHELTENHAM DRIVE BIKEWAY
GENERAL NOTES,
ABBREVIATIONS AND SYMBOLS

SCALE: NONE

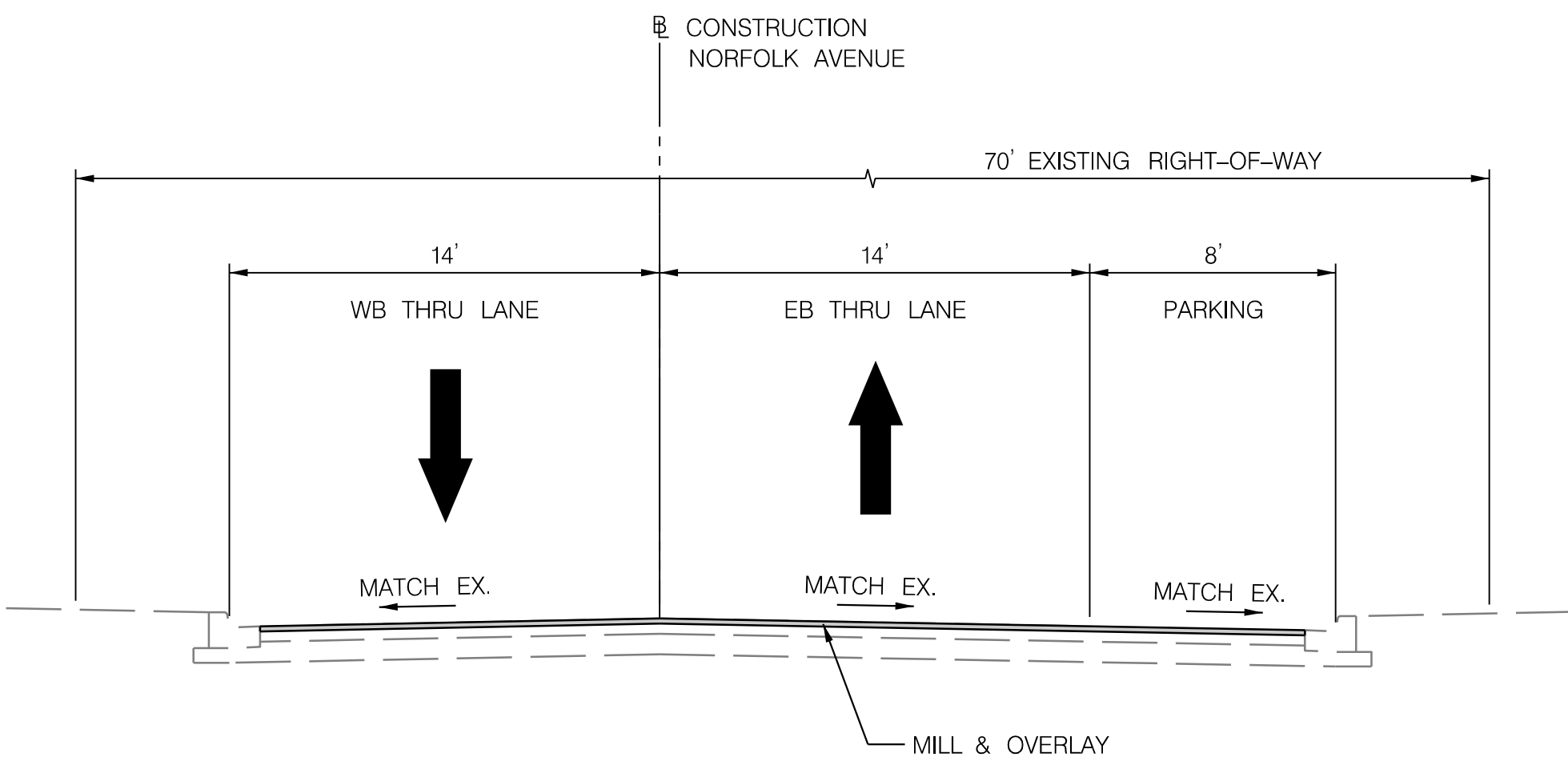
SHEET 02 of 09

NO.	REVISION	BY	APP'D	DATE	DESIGNED BY: UMK	DATE: NOVEMBER, 2024
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					CHECKED BY: LRA	DATE: NOVEMBER, 2024
					DRAWING NO.:	DATE:
					RECOMMENDED FOR APPROVAL	
					Chief, Design Section	Date
					APPROVED	
					Chief,	Date
					Division of Transportation Engineering	

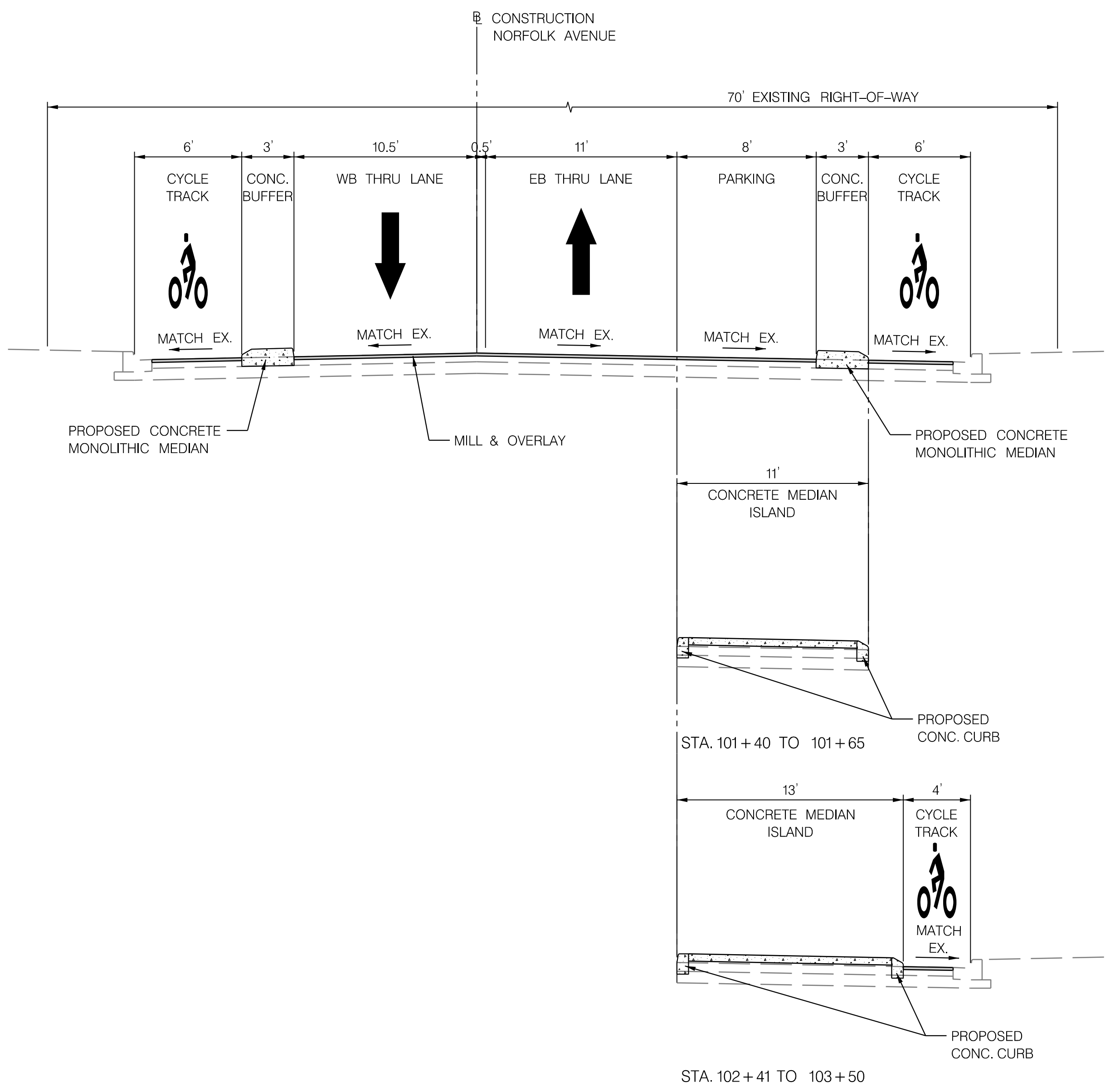
PROFESSIONAL CERTIFICATION:
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LICENSE NO: _____ EXPIRATION DATE: _____



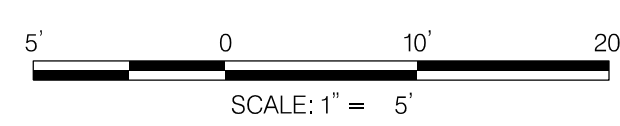
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NORFOLK AVENUE TYPICAL SECTION
STA. 100+25 TO 101+40
STA. 103+50 TO 104+39



NORFOLK AVENUE TYPICAL SECTION
STA. 101+40 TO 103+50



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					Chief, Design Section	Date
					APPROVED	
					Chief, Division of Transportation Engineering	Date

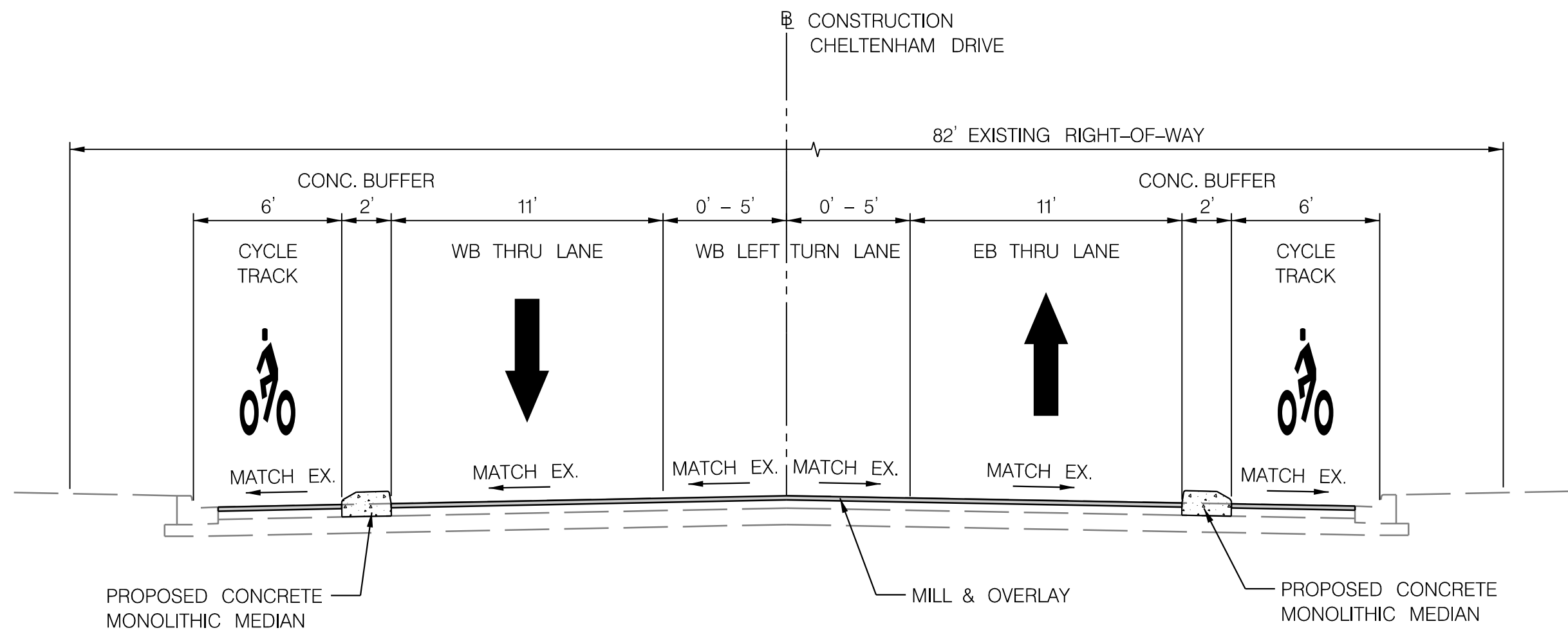
TS-01

DEPARTMENT OF TRANSPORTATION
DIVISION OF TRANSPORTATION ENGINEERING
MONTGOMERY COUNTY, MARYLAND

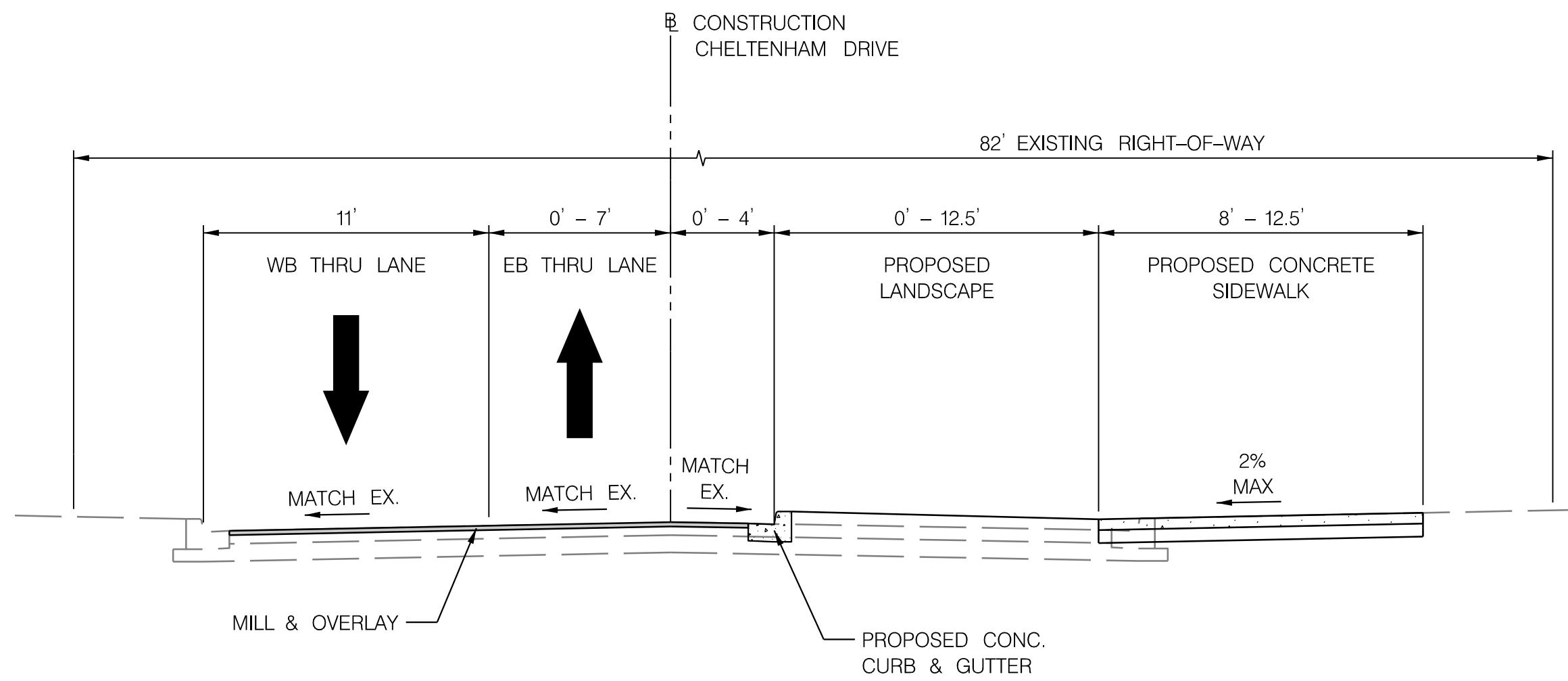
CHELTENHAM DRIVE BIKEWAY
TYPICAL SECTIONS

SCALE: 1" = 5' SHEET 03 of 09

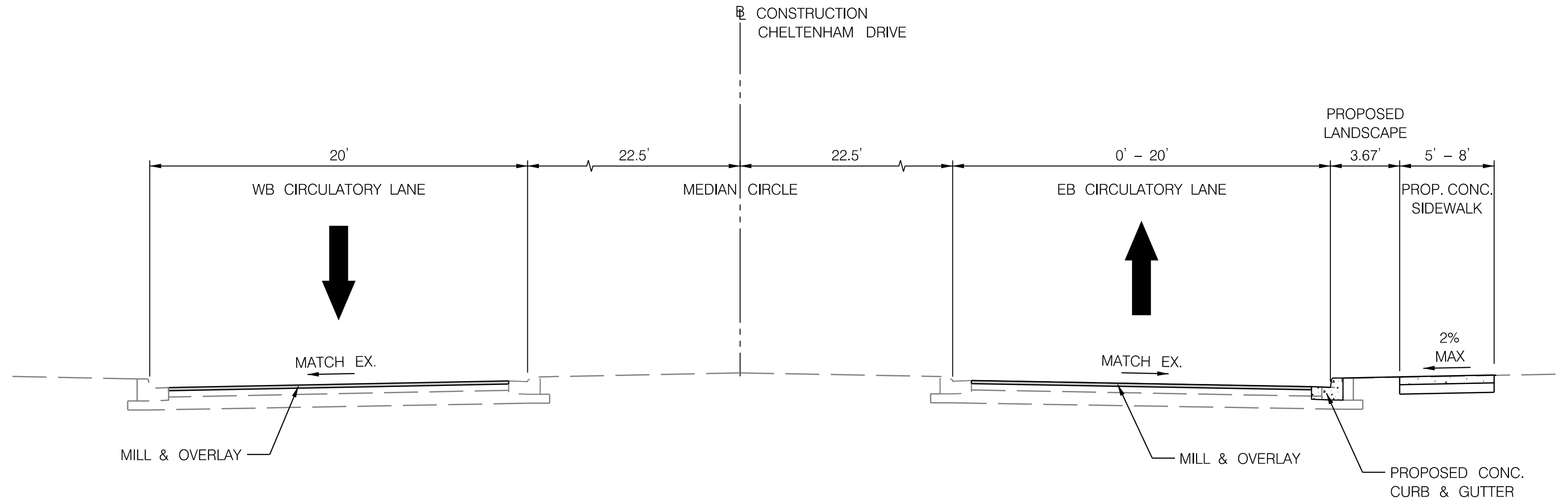
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CHELTENHAM DRIVE TYPICAL SECTION
STA. 104+39 TO 106+66



CHELTENHAM DRIVE TYPICAL SECTION
STA. 106+66 TO 107+60



CHELTENHAM DRIVE ROUNDABOUT TYPICAL SECTION
STA. 107+60 TO 108+65

5' 0 10' 20'
SCALE: 1" = 5'



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					Chief, Design Section	Date
					APPROVED	
					Chief, Division of Transportation Engineering	Date

DEPARTMENT OF TRANSPORTATION
DIVISION OF TRANSPORTATION ENGINEERING
MONTGOMERY COUNTY, MARYLAND

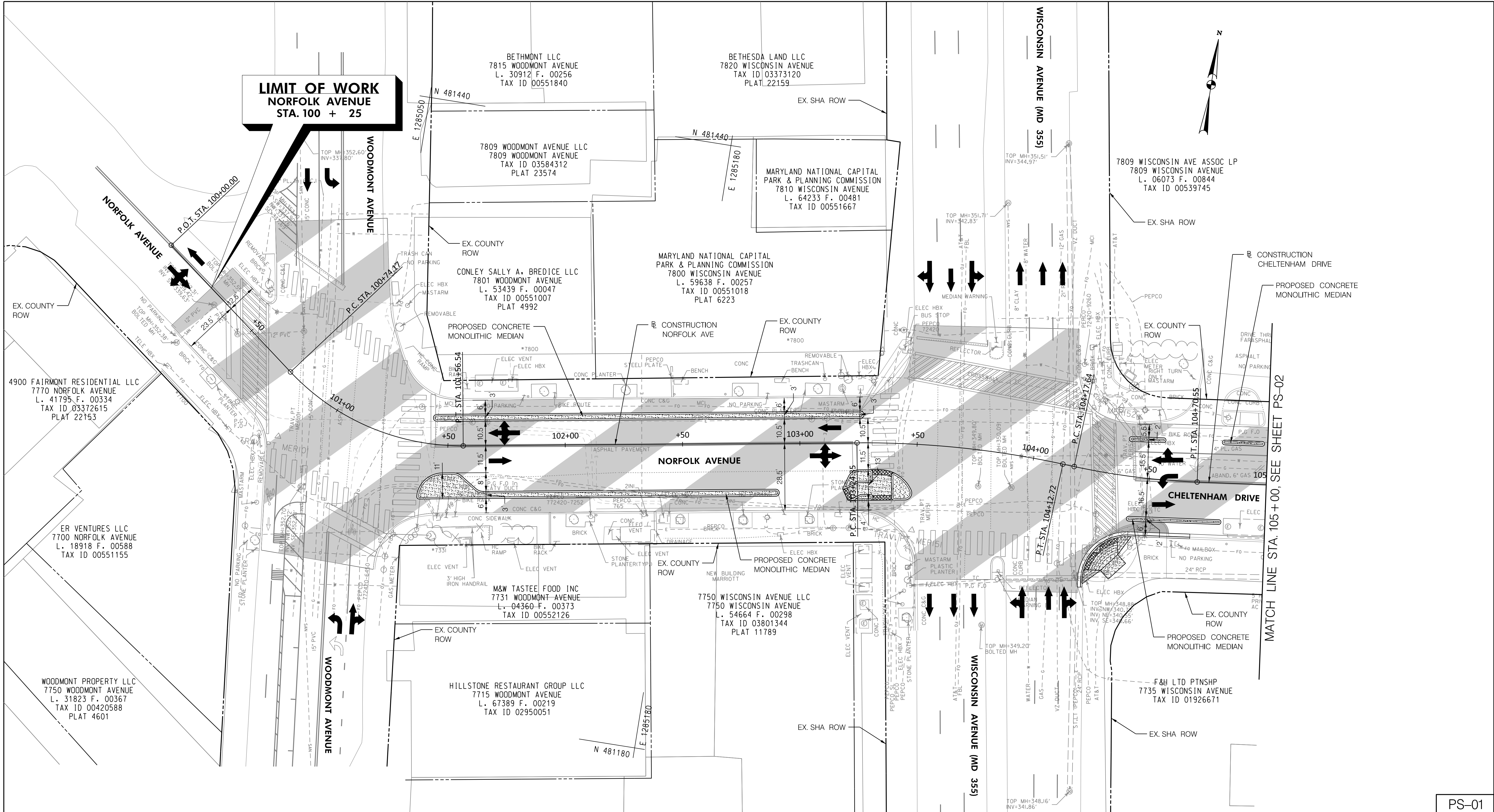
CHELTENHAM DRIVE BIKEWAY
TYPICAL SECTIONS

SCALE: 1" = 5'

SHEET 04 of 09

TS-02

11/25/2024
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PS-01

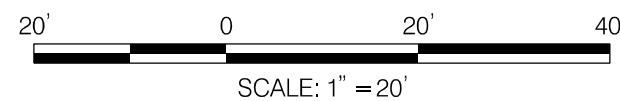
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LEGEND

- PROP. DETECTABLE WARNING SURFACE
- PROP. CONCRETE
- PROP. BRICK
- PROP. MILL & OVERLAY
- PROP. FULL DEPTH PAVEMENT
- PROP. FULL DEPTH CYCLE TRACK
- PROP. CURB PATCH



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DEPARTMENT OF TRANSPORTATION
DIVISION OF TRANSPORTATION ENGINEERING
MONTGOMERY COUNTY, MARYLAND

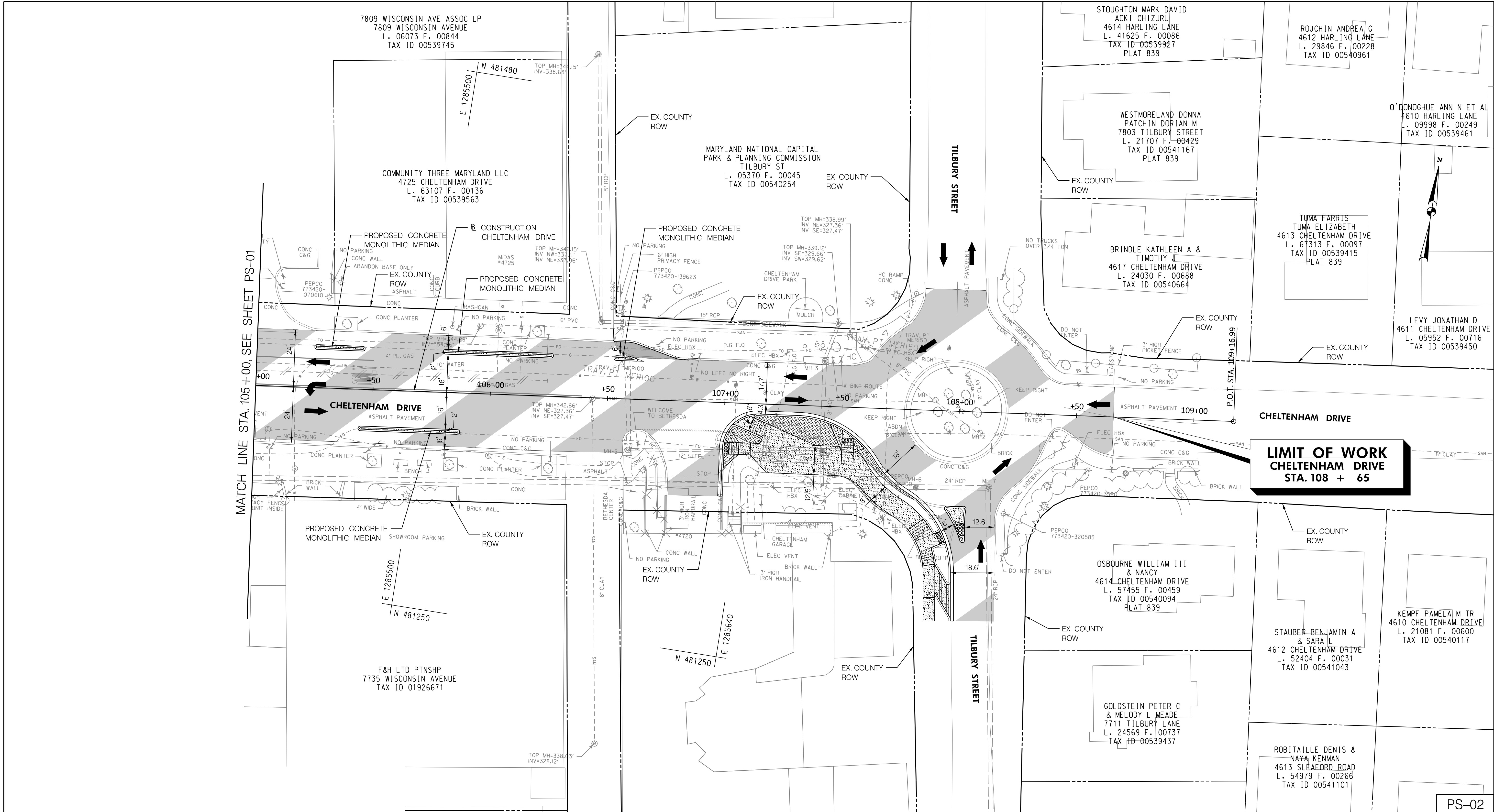
CHELTENHAM DRIVE BIKEWAY
ROADWAY PLAN

SCALE: 1" = 20'

SHEET 05 of 09

MATCH LINE STA. 105+00, SEE SHEET PS-02

11/25/2024
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LICENSE NO: _____ EXPIRATION DATE: _____

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LEGEND

- PROP. DETECTABLE WARNING SURFACE
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- PROP. MILL & OVERLAY
- PROP. FULL DEPTH PAVEMENT
- PROP. FULL DEPTH CYCLE TRACK
- PROP. CURB PATCH

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DATE:

RECOMMENDED FOR APPROVAL

Chief, Design Section _____ Date _____

APPROVED

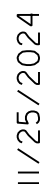
Chief, Division of Transportation Engineering _____ Date _____

DEPARTMENT OF TRANSPORTATION
DIVISION OF TRANSPORTATION ENGINEERING
MONTGOMERY COUNTY, MARYLAND

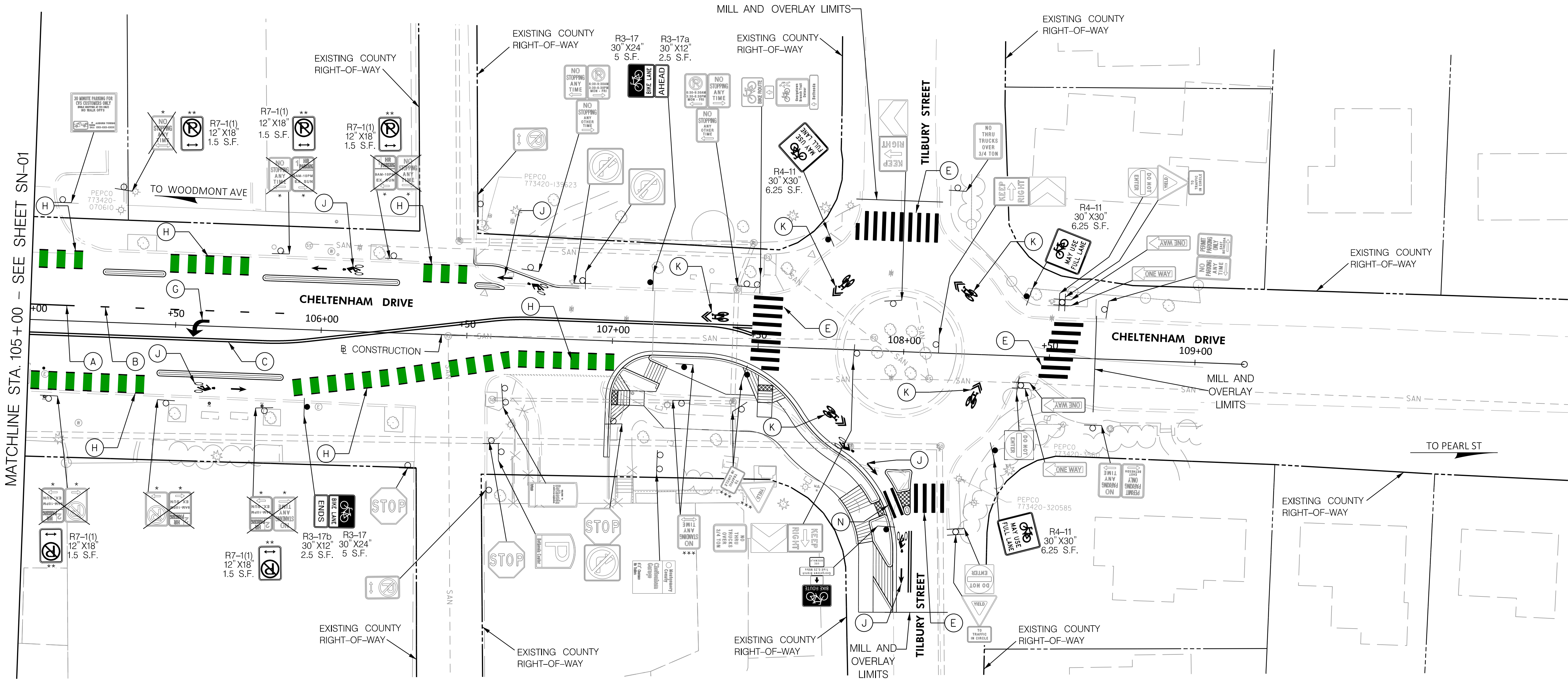
**CHELtenham DRIVE BIKEWAY
ROADWAY PLAN**

SCALE: 1" = 20'

SHEET 06 of 09



11/25/2024
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SIGNING AND MARKING NOTES:

1. ALL SIGNING AND MARKING SHALL BE DONE IN ACCORDANCE WITH THE LATEST MARYLAND MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MD MUTCD), MARYLAND STATE HIGHWAY ADMINISTRATION'S BOOK OF STANDARDS, SPECIFICATIONS AND GUIDELINES.
2. THE CONTRACTOR SHALL USE DIAMOND GRADE REFLECTIVE SHEETING FOR ALL SIGNS.
3. WHEN SIGNS ARE INSTALLED IN CONCRETE OR WITHIN THE SIDEWALK, A PVC SLEEVE SHALL BE PROVIDED USING 40 SCHEDULE PVC (4 INCH DIAMETER).
4. NO PARKING AND OTHER PARKING SIGNS SHALL BE INSTALLED PER MDMUTCD SECTION 2B.48.
5. SIGN HEIGHT SHALL BE MINIMUM 7 FEET HIGH FROM THE BOTTOM OF THE SIGN FACE TO THE GROUND.

SIGNING KEY:

- * SIGN(S) TO BE REMOVED BY OTHERS
- ** SIGN(S) TO BE INSTALLED BY OTHERS
- *** SIGN(S) TO BE RELOCATED BY OTHERS

PAVEMENT MARKING LEGEND

- (A) INSTALL 5 INCH WHITE LEAD FREE THERMOPLASTIC PAVEMENT MARKING (SOLID)
- (B) INSTALL 5 INCH WHITE LEAD FREE THERMOPLASTIC PAVEMENT MARKING (3-9-3 DOTTED)
- (C) INSTALL 5 INCH YELLOW LEAD FREE THERMOPLASTIC PAVEMENT MARKING (DOUBLE)
- (D) INSTALL 5 INCH YELLOW LEAD FREE THERMOPLASTIC PAVEMENT MARKING (SOLID)
- (E) INSTALL 16 INCH WHITE LEAD FREE THERMOPLASTIC PAVEMENT MARKING
- (F) INSTALL 24 INCH WHITE LEAD FREE THERMOPLASTIC PAVEMENT MARKING
- (G) INSTALL WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LEGENDS AND SYMBOLS
- (H) INSTALL 5 INCH WHITE LEAD FREE THERMOPLASTIC PAVEMENT MARKING (3-3-3 DOTTED)

- (J) INSTALL THERMOPLASTIC BIKE SYMBOL WITH AN ARROW PAVEMENT MARKING (SEE DETAIL SHEET SN-03)
- (K) INSTALL THERMOPLASTIC SHARROW PAVEMENT MARKING (SEE DETAIL SHEET SN-03)
- (L) INSTALL GREEN PAVEMENT MARKING; PRE-FORMED THERMOPLASTIC (HIGH VOLUME AREAS)
- (M) INSTALL GREEN PAVEMENT MARKING; EPOXY (LOW VOLUME AREAS)
- (N) INSTALL 12 INCH WHITE LEAD FREE THERMOPLASTIC PAVEMENT MARKING
- (O) REMOVE PAVEMENT MARKING
- (P) INSTALL BIKE BOX PAVEMENT MARKING (SEE DETAIL SHEET SN-03)

LEGEND

- EX. SIGN POST
- PR. SIGN POST
- EX. SIGN TO BE REMOVED

20' 0 20' 40'
SCALE: 1" = 20'



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PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE
OF MARYLAND.
LICENSE NO: _____ EXPIRATION DATE: _____

NO.	REVISION	BY	APP'D	DATE	DESIGNED BY: JRGB	DATE: NOVEMBER, 2024
					DRAWN BY: JRGB	DATE: NOVEMBER, 2024
					CHECKED BY: RJM	DATE: NOVEMBER, 2024
					DRAWING NO.:	DATE:
					RECOMMENDED FOR APPROVAL	
					Chief, Design Section	Date
					APPROVED	
					Chief, Division of Transportation Engineering	Date

DEPARTMENT OF TRANSPORTATION
DIVISION OF TRANSPORTATION ENGINEERING
MONTGOMERY COUNTY, MARYLAND

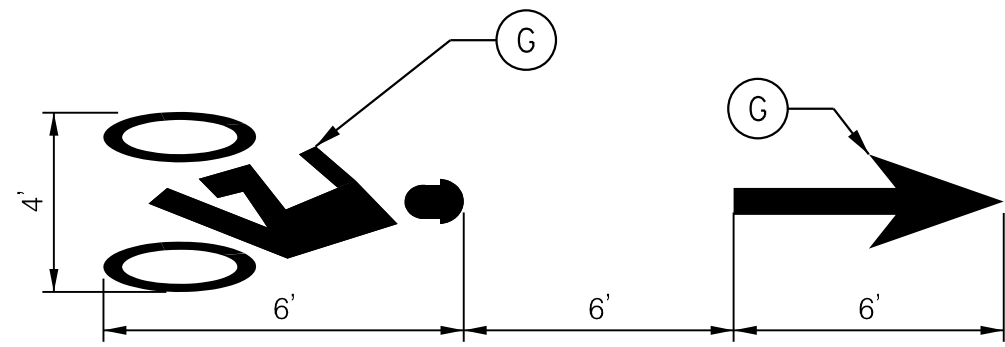
CHELTENHAM DRIVE BIKEWAY
SIGNING AND MARKING PLAN
STA.105+00 TO STA.109+00

SCALE: 1" = 20'

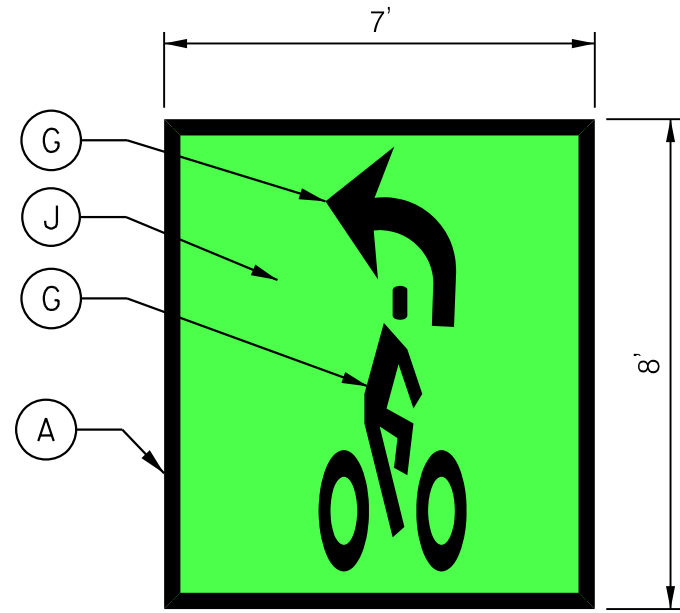
SHEET 08 of 09

SN-02

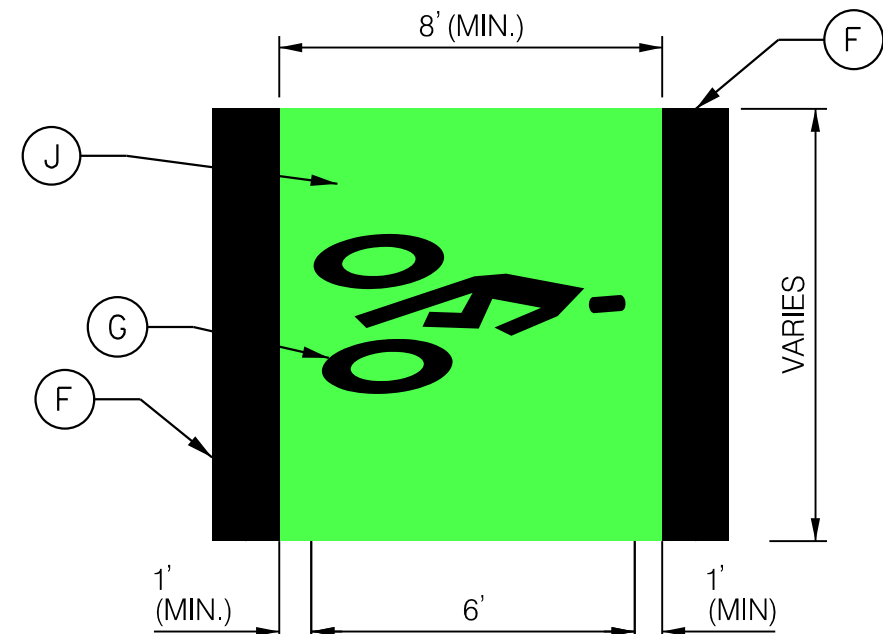
11/25/2024
U:\2026\21333\700 CADD\702 Sheets\PSN-2003.CheltenhamDr.dgn



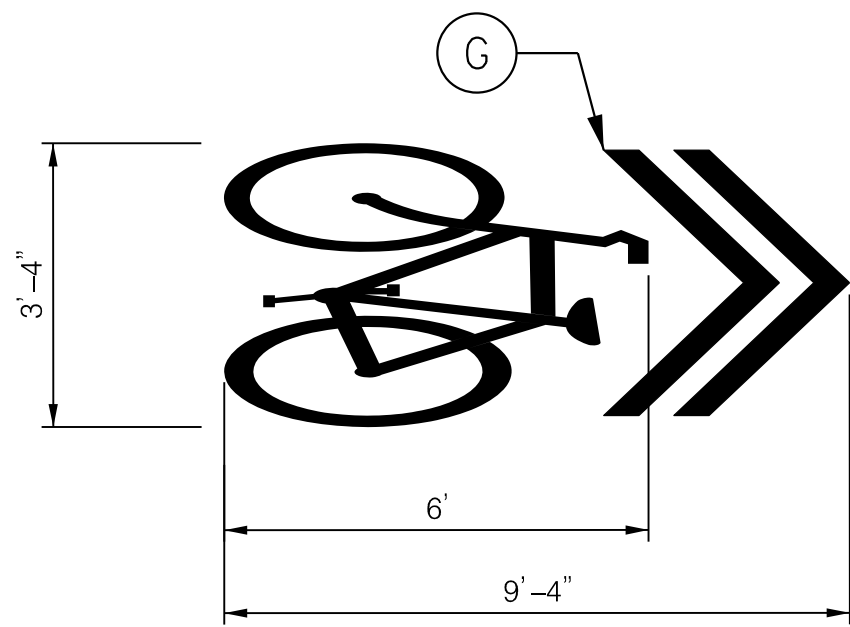
BIKE LANE PAVEMENT
MARKING DETAIL
NOT TO SCALE



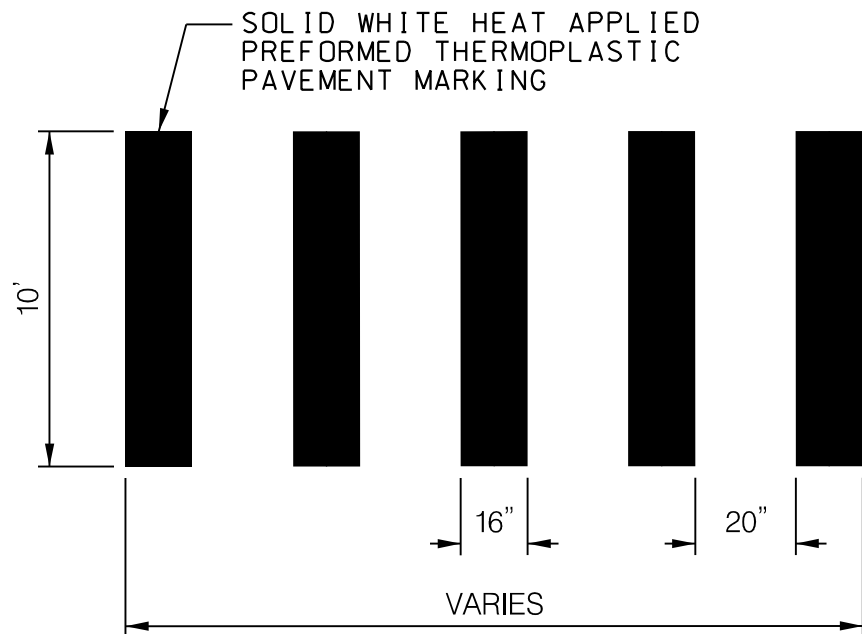
BIKE BOX PAVEMENT
MARKING DETAIL
NOT TO SCALE



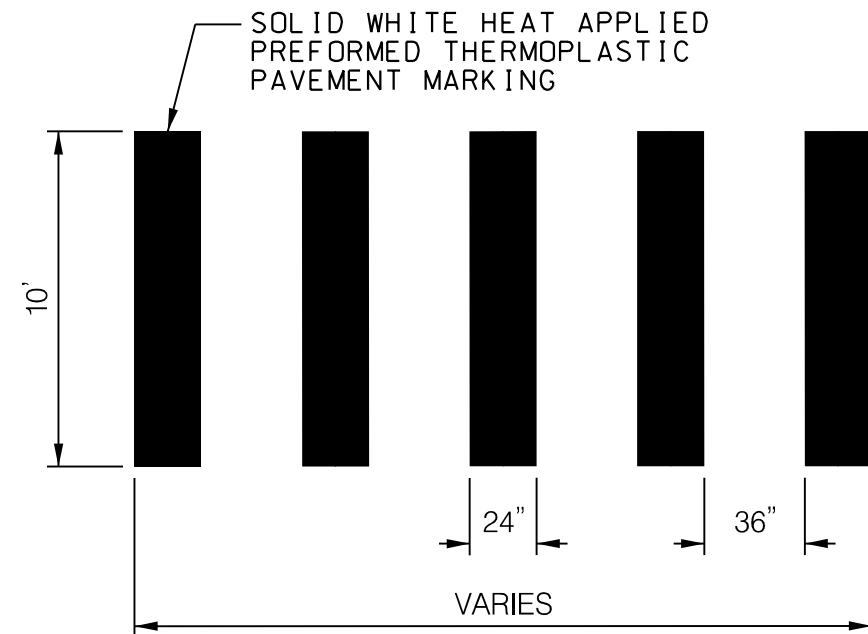
BIKE BOX PAVEMENT
MARKING DETAIL
NOT TO SCALE



SHARED LANE (SHARROW)
PAVEMENT MARKING DETAIL
NOT TO SCALE



MCDOT CROSSWALK PAVEMENT
MARKING DETAIL
NOT TO SCALE



SHA CROSSWALK PAVEMENT
MARKING DETAIL
NOT TO SCALE

PAVEMENT MARKING LEGEND

- | | |
|--|---|
| (A) INSTALL 5 INCH WHITE LEAD FREE THERMOPLASTIC PAVEMENT MARKING (SOLID) | (J) INSTALL THERMOPLASTIC BIKE SYMBOL WITH AN ARROW PAVEMENT MARKING (SEE DETAIL SHEET SN-03) |
| (B) INSTALL 5 INCH WHITE LEAD FREE THERMOPLASTIC PAVEMENT MARKING (3-9-3 DOTTED) | (K) INSTALL THERMOPLASTIC SHARROW PAVEMENT MARKING (SEE DETAIL SHEET SN-03) |
| (C) INSTALL 5 INCH YELLOW LEAD FREE THERMOPLASTIC PAVEMENT MARKING (DOUBLE) | (L) INSTALL GREEN PAVEMENT MARKING; PRE-FORMED THERMOPLASTIC (HIGH VOLUME AREAS) |
| (D) INSTALL 5 INCH YELLOW LEAD FREE THERMOPLASTIC PAVEMENT MARKING (SOLID) | (M) INSTALL GREEN PAVEMENT MARKING; EPOXY (LOW VOLUME AREAS) |
| (E) INSTALL 16 INCH WHITE LEAD FREE THERMOPLASTIC PAVEMENT MARKING | (N) INSTALL 12 INCH WHITE LEAD FREE THERMOPLASTIC PAVEMENT MARKING |
| (F) INSTALL 24 INCH WHITE LEAD FREE THERMOPLASTIC PAVEMENT MARKING | (O) REMOVE PAVEMENT MARKING |
| (G) INSTALL WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING LEGENDS AND SYMBOLS | (P) INSTALL BIKE BOX PAVEMENT MARKING (SEE DETAIL SHEET SN-03) |
| (H) INSTALL 5 INCH WHITE LEAD FREE THERMOPLASTIC PAVEMENT MARKING (3-3-3 DOTTED) | |

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: _____



Stantec

810 Gleneagles Court, Suite 300
Baltimore, MD 21286
www.stantec.com

NO.	REVISION	BY	APP'D	DATE	DESIGNED BY: JRGB	DATE: NOVEMBER, 2024	DEPARTMENT OF TRANSPORTATION DIVISION OF TRANSPORTATION ENGINEERING MONTGOMERY COUNTY, MARYLAND
					DRAWN BY: JRGB	DATE: NOVEMBER, 2024	
					CHECKED BY: RJM	DATE: NOVEMBER, 2024	
					DRAWING NO.:	DATE:	
					RECOMMENDED FOR APPROVAL		CHELTENHAM DRIVE BIKEWAY SIGNING AND MARKING PLAN MARKING DETAILS
					_____ Chief, Design Section	_____ Date	
					APPROVED		
					_____ Chief, Division of Transportation Engineering	_____ Date	
							SCALE: NTS
							SHEET 09 of 09

SN-03