



STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
D.C.	DCKA-2017-T-0122	2	7

**PROJECT NOTES:**

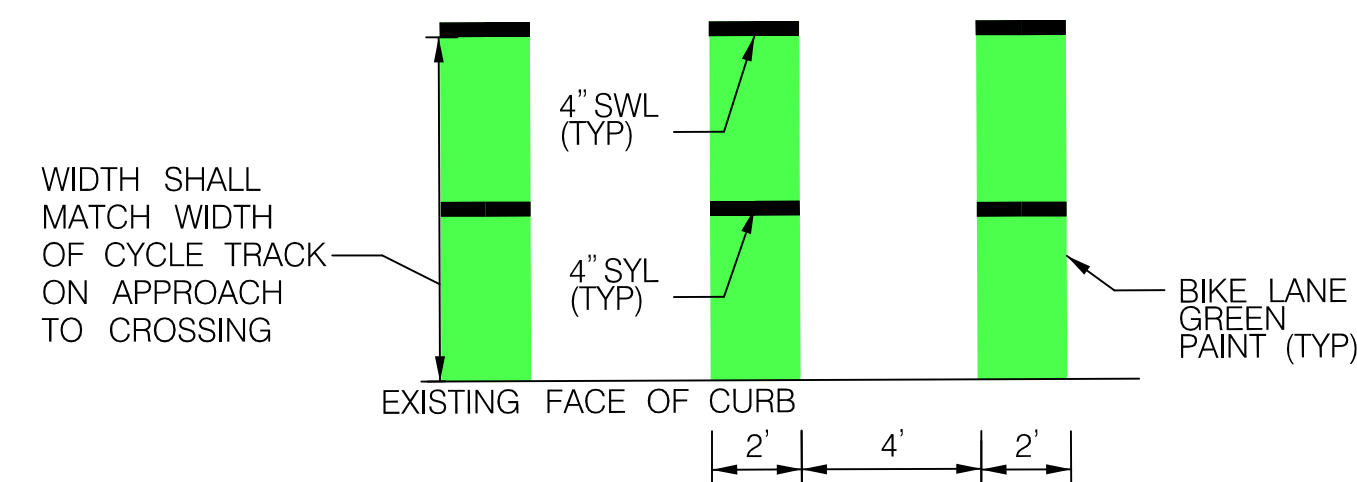
**GENERAL NOTES:**

- ALL CONSTRUCTION MATERIALS AND PROCEDURES SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR HIGHWAYS AND STRUCTURES (GOLD BOOK) DATED 2013, ISSUED BY THE DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE DESIGN & ENGINEERING MANUAL (DEM) DATED JANUARY 2019.
- PER AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES (ADAAG), ALL SIDEWALK CROSS SLOPES SHALL NOT EXCEED 2%.

**PAVEMENT MARKING & SIGNING NOTES:**

- ALL STRIPING AND SIGN WORK SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR HIGHWAYS AND STRUCTURES (GOLD BOOK) DATED 2013, DESIGN & ENGINEERING MANUAL (DEM) DATED JANUARY 2019, AND THE 2009 MANUAL ON UNIFORM TRAFFIC CONTROL (MUTCD) REQUIREMENTS.
- PAVEMENT MARKINGS ON ASPHALT PAVEMENT SHALL BE THERMOPLASTIC TYPE.
- ALL EXISTING PAVEMENT MARKINGS MAY NOT BE SHOWN. ALL EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH PROPOSED PAVEMENT MARKINGS SHALL BE ERADICATED BY A METHOD APPROVED BY DDOT.
- NOT ALL DRIVEWAYS HAVE BEEN LOCATED FOR THIS STRIPING AND SIGNAGE PLAN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING ALL DRIVEWAY LOCATIONS PRIOR TO BEGINNING STRIPING WORK.
- NOT ALL FIRE HYDRANTS HAVE BEEN LOCATED FOR THIS STRIPING PLAN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING FIRE HYDRANT LOCATIONS AND STRIPING NO PARKING ZONES FOR 10 FEET ON EITHER SIDE OF THE FIRE HYDRANTS WHERE THEY ARE LOCATED ALONG A PARKING LANE. SEE TYPICAL DDOT TYPICAL LANE STRIPING DETAIL FOR TYPICAL FIRE HYDRANT TREATMENT.

- IF A CROSSWALK IS PRESENT PARKING SPACES SHALL BE STRIPED WITH A MINIMUM CLEARANCE OF 25 FEET FROM THE CROSSWALK
- THE CONTRACTOR SHALL COORDINATE WITH THE DDOT FIELD OPERATIONS DIVISION (FOD), SIGNS AND MARKING DIVISION, REGARDING THE INTENSITY AND REFLECTIVITY OF SIGNS TO BE INSTALLED. THE CONTACT FOR THIS WORK IS OGECHI ELEKWACHI, PHONE NUMBER: 202-369-7483.
- PROPOSED SIGNS SHALL BE INSTALLED SO THAT NO PORTION OF THE SIGN PANEL OVERHANGS ADJACENT ROADWAY PAVEMENT.
- PROPOSED SIGN POSTS SHALL BE LOCATED A MINIMUM OF 2 FEET BEHIND FACE OF CURB. IF LOCATED IN OR ADJACENT TO SIDEWALKS, A 32" MINIMUM CLEAR AND 48" PREFERRED PASSING SPACE ON EXISTING AND PROPOSED SIDEWALKS SHALL BE MAINTAINED.
- ALL TRAFFIC SIGNS SHALL BE MOUNTED ON A STANDARD DDOT BREAKAWAY TYPE METAL SIGN POST.
- PROPOSED SIGNS AT NEW LOCATIONS SHALL BE INSTALLED SO THEY DO NOT BLOCK THE VISIBILITY OF ANY EXISTING SIGNS OR SIGNALS.
- PROPOSED SIGNS AND POSTS SHALL BE CLEAR OF EXISTING FIRE HYDRANTS, SURFACE UTILITY, AND OVERHEAD UTILITY EQUIPMENT A MINIMUM OF 10 FEET.
- FOR NEW POST INSTALLATION, THE CONTRACTOR SHALL VERIFY THAT THERE ARE NO CONFLICTING UNDERGROUND OR OVERHEAD UTILITIES.
- SIGNS MOUNTED TO EXISTING LIGHT, SIGNAL OR UTILITY POLES SHALL BE FASTENED WITH A MANUFACTURED STEEL BANDING SYSTEM. POLES SHALL NOT BE DRILLED DIRECTLY. THE CONTRACTOR SHALL SUBMIT MANUFACTURER INFORMATION ON THE BANDING SYSTEM TO DDOT FOR APPROVAL PRIOR TO INSTALLATION.
- THE CONTRACTOR SHALL FOLLOW MUTCD AND DDOT STANDARD DETAILS AND PROCEDURES FOR MAINTENANCE OF TRAFFIC FOR STRIPING AND CONCRETE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING A PROPER WORK ZONE UNTIL ALL WORK IS COMPLETED.
- THE EXISTING PAVEMENT MARKINGS AND SIGNS SHOWN IN THE PLANSET REFLECT THE FINAL METROPOLITAN BRANCH TRAIL EXTENSION DESIGN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING AS-BUILT CONDITIONS PRIOR TO BEGINNING STRIPING AND SIGNING WORK.

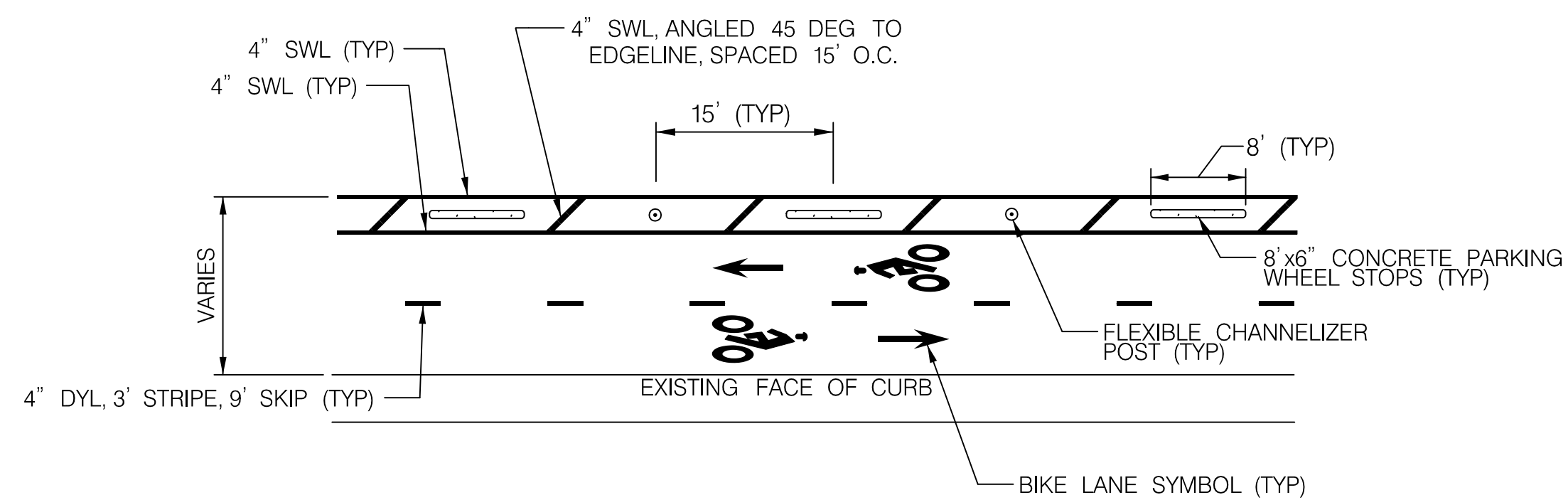


**SEPARATED BIKE LANE DRIVEWAY CROSSING DETAIL**

NOT TO SCALE

**NOTE:**

- A 3-COAT SYSTEM SHALL BE USED FOR THE INSTALLATION OF THE ENNIS FLINT RIDE-A-WAY PRODUCT. ALL MANUFACTURER APPLICATION INSTRUCTIONS SHALL BE FOLLOWED.

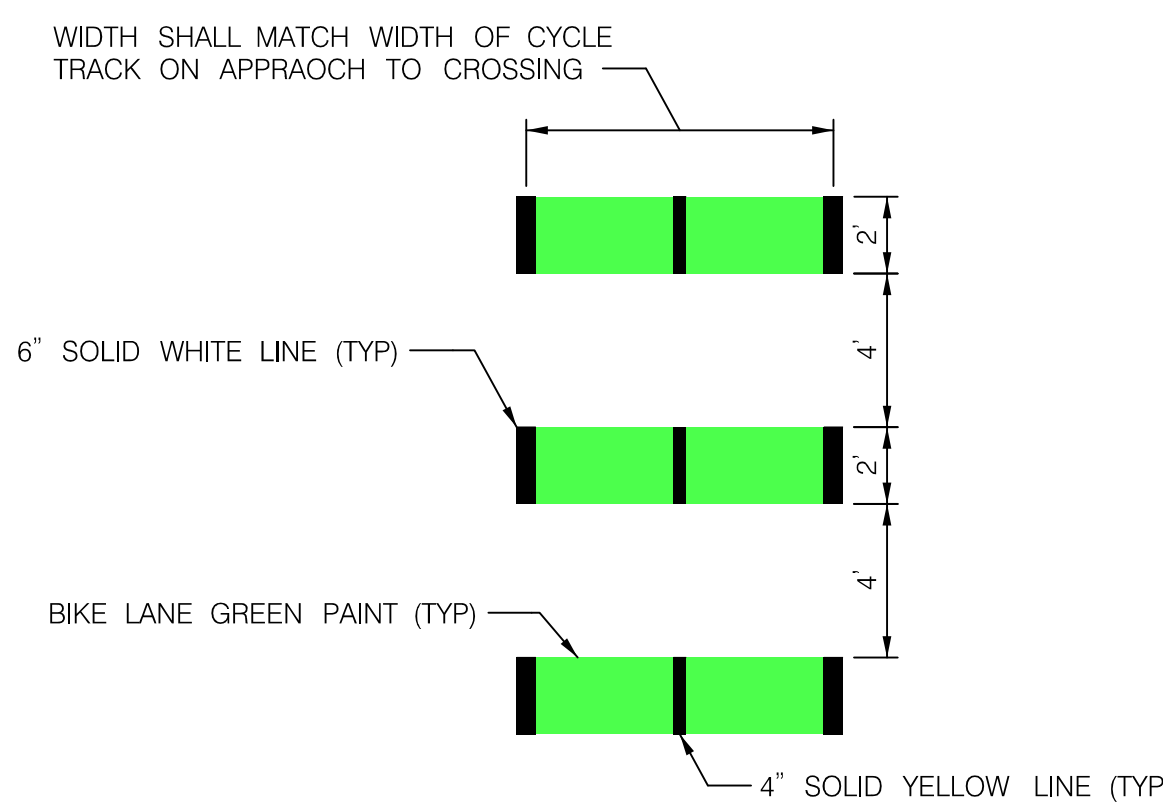


**CYCLE TRACK STRIPING DETAIL**

NOT TO SCALE

**NOTE:**

- BIKE LANE SYMBOLS SHALL BE SPACED 250' UNLESS OTHERWISE DIMENSIONED ON THE LAYOUT PLANS.
- SEE LAYOUT PLAN FOR DIMENSIONS SPACING

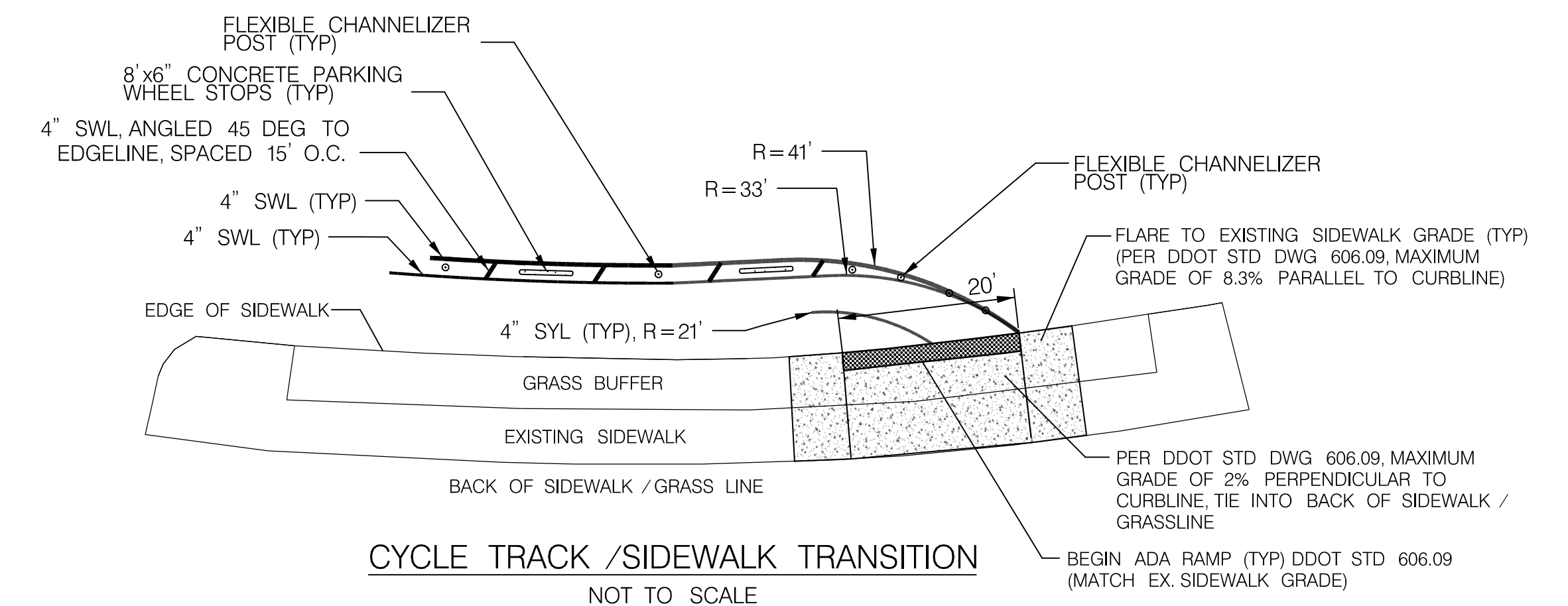


**TWO-WAY CYCLE TRACK CROSSING DETAIL**

NOT TO SCALE

**NOTE:**

- A 3-COAT SYSTEM SHALL BE USED FOR THE INSTALLATION OF THE ENNIS FLINT RIDE-A-WAY PRODUCT. ALL MANUFACTURER APPLICATION INSTRUCTIONS SHALL BE FOLLOWED.



**CYCLE TRACK /SIDEWALK TRANSITION**

NOT TO SCALE

D.C. DEPARTMENT OF TRANSPORTATION  
PLANNING AND SUSTAINABILITY DIVISION  
ACTIVE TRANSPORTATION PROGRAM

RIGGS RD NE  
BICYCLE FACILITY

PROJECT ENG.     DAG  
DESIGNED BY     CJH  
CHECKED BY     AJC  
DRAWN BY     CJH  
PROJECT MGR.     DLL

DIVISION CHIEF

PROJECT NOTES & DETAILS

DATE     MARCH 2024

FILE    

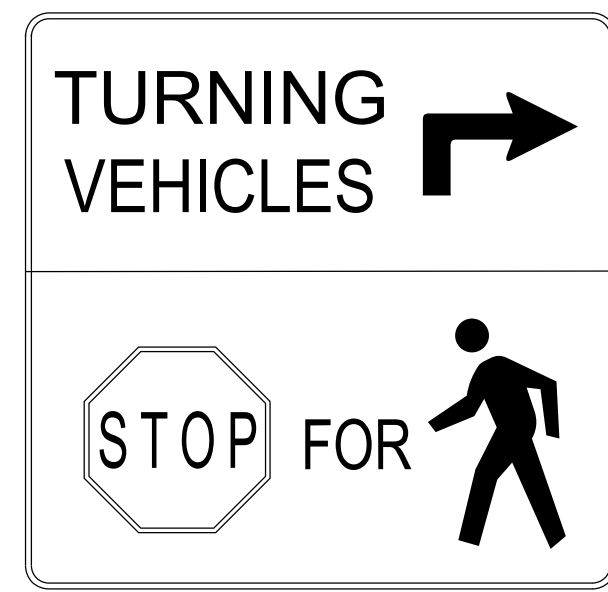
SHEET     2 OF 7



NO.	DATE	DESCRIPTION

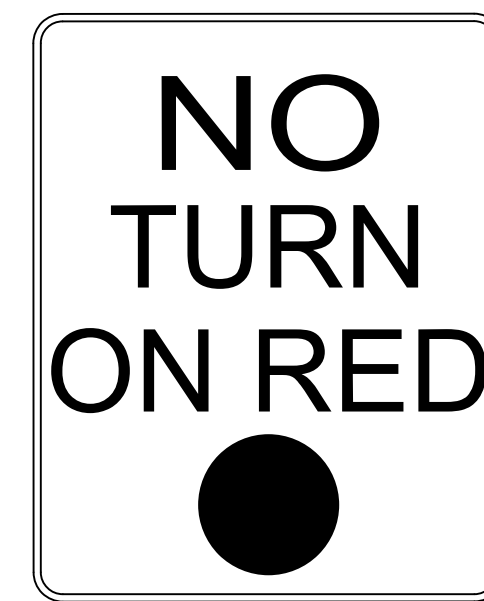
REVISIONS

30" W x 30" H



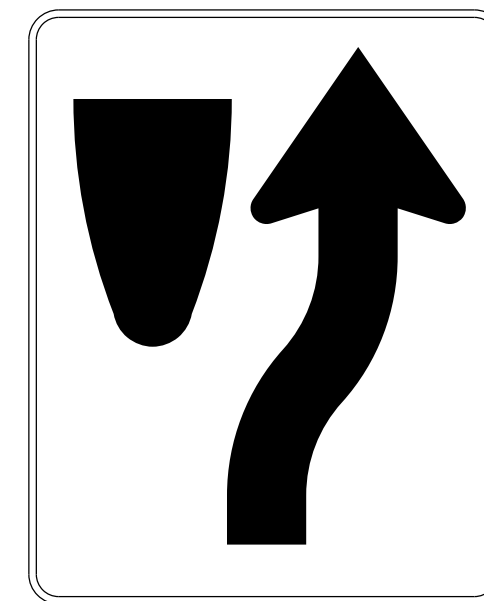
R10-15 (MOD)  
N.T.S.

24" W x 30" H



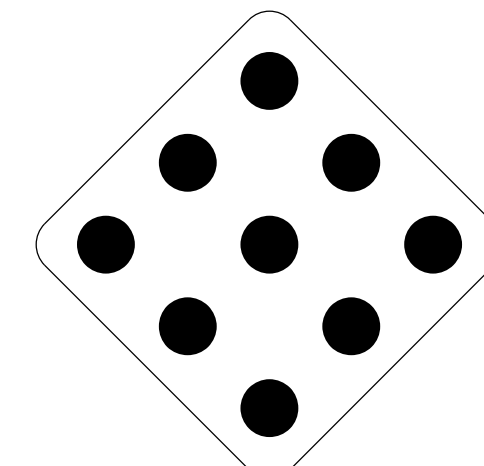
R10-11  
N.T.S.

24" W x 30" H



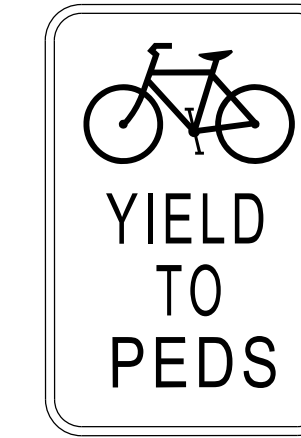
R4-7  
N.T.S.

18" W x 18" H



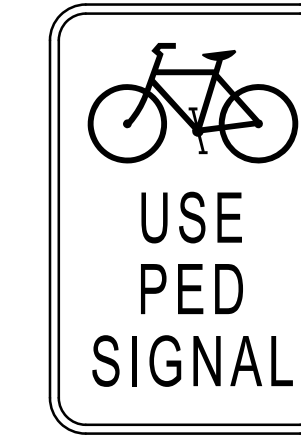
OM1-1  
N.T.S.

12" W x 18" H



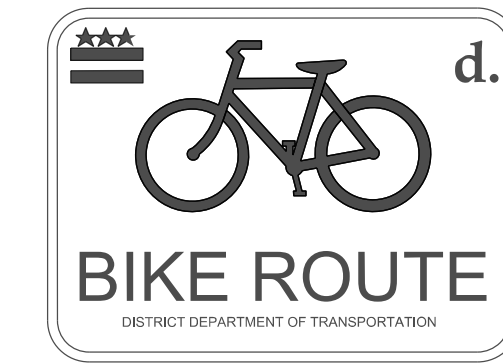
R9-6  
N.T.S.

12" W x 18" H



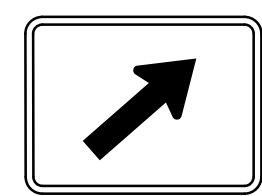
R9-5  
N.T.S.

24" W x 18" H



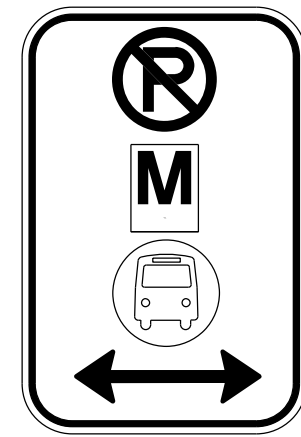
D11-1  
N.T.S.

12" W x 9" H



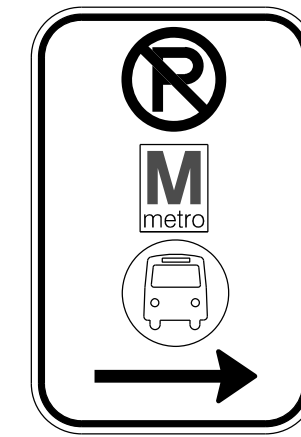
M6-2  
N.T.S.

12" W x 18" H



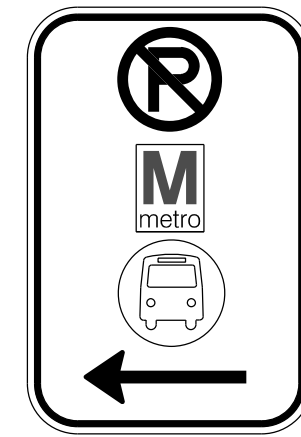
R7-7A  
N.T.S.

12" W x 18" H



R7-7A (L)  
N.T.S.

12" W x 18" H



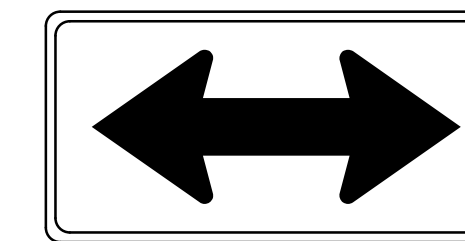
R7-7A (R)  
N.T.S.

24" W x 24" H



W11-1  
N.T.S.

24" W x 12" H



W1-7  
N.T.S.

36" W x 12" H



R6-1R  
N.T.S.

24" W x 24" H



CUSTOM  
N.T.S.

BACKGROUND: YELLOW  
BORDER & TEXT: BLACK

28" W x 12" H



W16-2aP  
N.T.S.

- NOTES:
- ALL SIGNS WITH A STANDARD SIGN CODE SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), AND THE LATEST EDITION OF THE STANDARD HIGHWAY SIGNS MANUAL AND ITS SUPPLEMENTS.

D.C. DEPARTMENT OF TRANSPORTATION  
PLANNING AND SUSTAINABILITY DIVISION  
ACTIVE TRANSPORTATION PROGRAM

RIGGS RD NE  
BICYCLE FACILITY

SIGN DETAILS

PROJECT ENG.     DAG  
DESIGNED BY     CJH  
CHECKED BY     AJC  
DRAWN BY     CJH  
PROJECT MGR.     DLL  
DIVISION CHIEF  
DATE     MARCH 2024  
FILE      
SHEET 3 OF 7



REVISIONS

PROPOSED SIGN QUANTITIES

Sign Designation	MUTCD/DDOT	Sign Type	Use	Sign or Plaque Description	Quantity	Panel Dimensions (IN)		Panel Area	Total Area (SF)
						W	H		
R4-7	MUTCD	Regulatory	Motor Vehicle	Keep Right	1	18	24	3.00	3.00
R6-1 (R)	MUTCD	Regulatory	Motor Vehicle	One Way Right	4	36	12	3.00	12.00
R7-7A	DDOT	Regulatory	Motor Vehicle	No Parking Symbol Transit (Dual Arrow)	1	12	18	1.50	1.50
R7-7A (L)	DDOT	Regulatory	Motor Vehicle	No Parking Symbol Transit (Left Arrow)	2	12	18	1.50	3.00
R7-7A (R)	DDOT	Regulatory	Motor Vehicle	No Parking Symbol Transit (Right Arrow)	2	12	18	1.50	3.00
R9-5	MUTCD	Regulatory	Bicycle	Bicycle Use Ped Signal	4	12	18	1.50	6.00
R9-6	MUTCD	Regulatory	Bicycle	Bicycle Yield to Peds	1	12	18	1.50	1.50
R10-11	MUTCD	Regulatory	Motor Vehicle	No Turn On Red	8	24	30	5.00	40.00
R10-15 (MOD)	DDOT	Regulatory	Motor Vehicle	Right Turning Vehicles Stop for Peds	4	30	30	6.25	25.00
W1-7	MUTCD	Warning	Motor Vehicle	Two-Direction Large Arrow	3	24	12	2.00	6.00
W11-1	MUTCD	Warning	Motor Vehicle	Bicycle Warning	3	24	24	4.00	12.00
W16-2ap	MUTCD	Warning	Motor Vehicle	Plaque	1	24	12	2.00	2.00
OM1-1	MUTCD	Warning	Motor Vehicle	Object Marker	5	18	18	2.25	11.25
CUSTOM	DDOT	Warning	Bicycle	Bikes Lane Shift	1	24	24	4.00	4.00
D11-1	MUTCD/DDOT	Guide	Bicycle	Bike Route	1	24	18	3.00	3.00
M6-2	MUTCD	Guide	Bicycle	Plaque	1	12	9	0.75	0.75
								<b>Total:</b>	<b>134.00</b>

PROPOSED SIGN POST QUANTITIES

ITEM	QUANTITY	UNIT
Sign Post	5	EA

SIGN REMOVAL QUANTITIES

Sign Designation	MUTCD/DDOT	Sign Type	Use	Sign or Plaque Description	Quantity	Panel Dimensions (IN)		Panel Area	Total Area (SF)
						W	H		
R2-1	MUTCD	Regulatory	Motor Vehicle	Speed Limit	2	24	30	5.00	10.00
R7-2a (MOD)	DDOT	Regulatory	Motor Vehicle	No Parking 7AM-9:30PM to 4PM-6:30PM M-F (Dual Arrow)	2	12	18	1.50	3.00
R7-7 (MOD)	DDOT	Regulatory	Motor Vehicle	No Standing or Parking Metro Bus Zone (Dual Arrow)	1	12	18	1.50	1.50
R7-7 (MOD) (L)	DDOT	Regulatory	Motor Vehicle	No Standing or Parking Metro Bus Zone (Left Arrow)	1	12	18	1.50	1.50
R7-7 (MOD) (R)	DDOT	Regulatory	Motor Vehicle	No Standing or Parking Metro Bus Zone (Right Arrow)	2	12	18	1.50	3.00
R7-1 (L)	DDOT	Regulatory	Motor Vehicle	No Standing or Parking Anytime	1	12	18	1.50	1.50
R10-6a	MUTCD	Regulatory	Motor Vehicle	Stop Here on Red	1	24	30	5.00	5.00
R10-7	MUTCD	Regulatory	Motor Vehicle	Do Not Block Intersection	3	24	30	5.00	15.00
R10-15 (R)	MUTCD	Regulatory	Motor Vehicle	Right Turning Vehicles Yield for Peds	2	30	30	6.25	12.50
								<b>Total:</b>	<b>53.00</b>

SIGN POST REMOVAL QUANTITIES

ITEM	QUANTITY	UNIT
Sign Post	1	EA

			
	REVISIONS		

D.C. DEPARTMENT OF TRANSPORTATION PLANNING AND SUSTAINABILITY DIVISION ACTIVE TRANSPORTATION PROGRAM	
RIGGS RD NE BICYCLE FACILITY	PROJECT ENG. <u>   </u> DAG DESIGNED BY <u>   </u> CJH CHECKED BY <u>   </u> AJC DRAWN BY <u>   </u> CJH PROJECT MGR. <u>   </u> DLL
SIGN QUANTITIES	DIVISION CHIEF
	DATE <u>   </u> MARCH 2024 <u>   </u>
	FILE <u>   </u>
	SHEET 4 OF 7

PAVEMENT MARKING QUANTITIES

ITEM	QUANTITY	UNIT
<b>THERMOPLASTIC PAVEMENT MARKINGS - STRIPING</b>		
4" WHITE THERMOPLASTIC PAVEMENT MARKING - SOLID	1097	LF
4" WHITE THERMOPLASTIC PAVEMENT MARKING - SOLID (ANGLED 45 DEG, NO PARKING ZONE)	112	LF
4" WHITE THERMOPLASTIC PAVEMENT MARKING - DASHED (2' STRIPE, 4' SKIP)*	58	LF
4" WHITE THERMOPLASTIC PAVEMENT MARKING - DASHED (3' STRIPE, 9' SKIP)*	18	LF
4" YELLOW THERMOPLASTIC PAVEMENT MARKING - SOLID	34	LF
4" YELLOW THERMOPLASTIC PAVEMENT MARKING - DASHED (2' STRIPE, 4' SKIP)*	68	LF
4" YELLOW THERMOPLASTIC PAVEMENT MARKING - DASHED (3' STRIPE, 9' SKIP)*	96	LF
12" WHITE THERMOPLASTIC PAVEMENT MARKING - SOLID (STOP BAR)	61	LF
<b>WHITE THERMOPLASTIC PAVEMENT MARKING - SYMBOLS</b>		
LEFT TURN ONLY ARROW SYMBOL	8	EA
RIGHT TURN ONLY ARROW SYMBOL	2	EA
"ONLY" TEXT SYMBOL	4	EA
BIKE LANE SYMBOL	4	EA
<b>GREEN THERMOPLASTIC PAVEMENT MARKING - STRIPING</b>		
BIKE LANE GREEN PAVEMENT MARKING - INTERSECTION CROSSING MARKING	178	SF
BIKE LANE GREEN PAVEMENT MARKING - DRIVEWAY CROSSING MARKING	360	SF
<b>BUFFER MATERIALS</b>		
8'x8"x4" CONCRETE PARKING WHEEL STOP	13	EA
YELLOW FLEXIBLE CHANNELIZER POST	5	EA
WHITE FLEXIBLE CHANNELIZER POST	17	EA

\* Quantities for dashed line types represent length of actual striping (excludes skip length)

Note: Striping and flexible channelizer posts quantities are approximate. Field measurements will be used for final billing/accounting purposes.

D.C. DEPARTMENT OF TRANSPORTATION  
PLANNING AND SUSTAINABILITY DIVISION  
ACTIVE TRANSPORTATION PROGRAM

RIGGS RD NE  
BICYCLE FACILITY

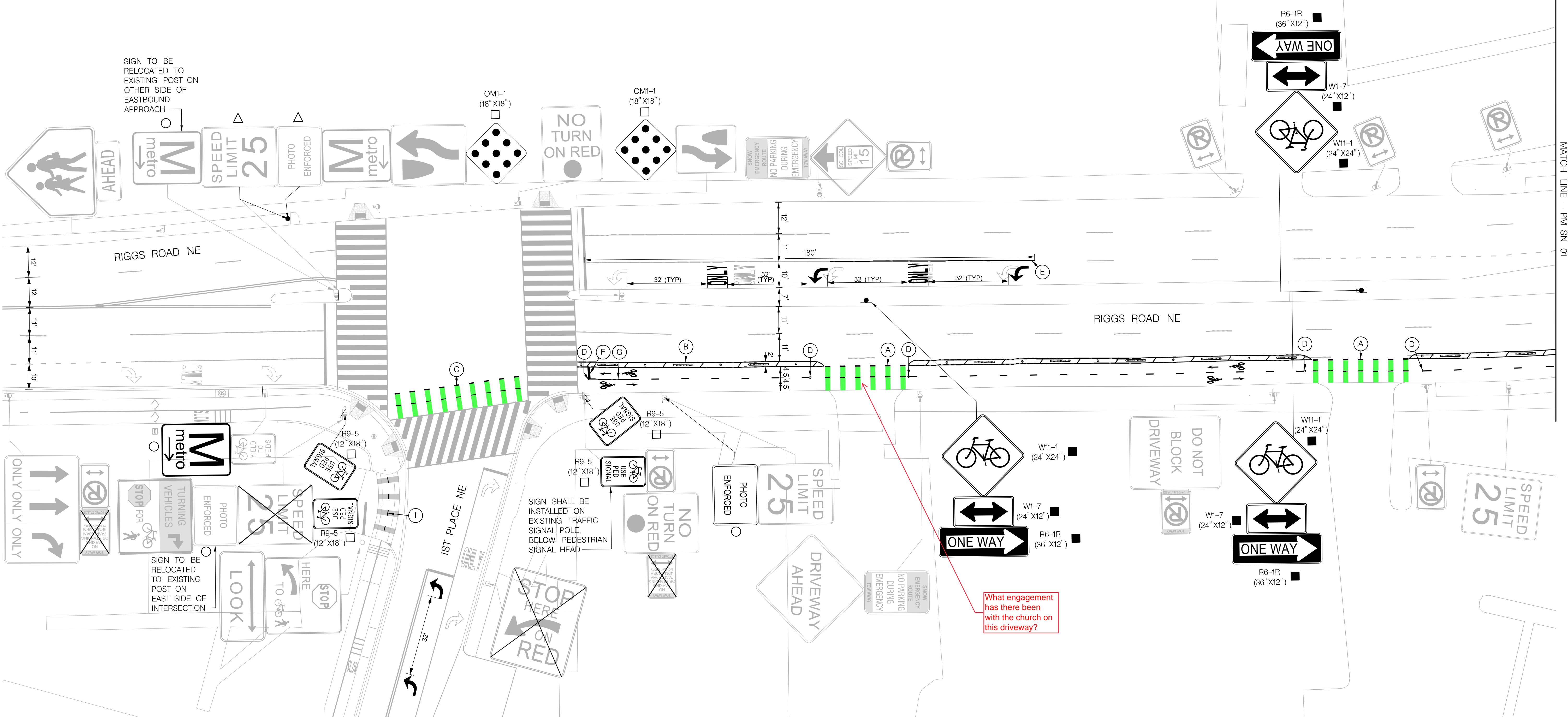
PROJECT ENG.	___DAG___
DESIGNED BY	___CJH___
CHECKED BY	___AJC___
DRAWN BY	___CJH___
PROJECT MGR.	___DLL___

DIVISION CHIEF

PAVEMENT MARKING QUANTITIES

DATE	___MARCH 2024___
FILE	_____
SHEET	5 OF 7

			
	REVISIONS		



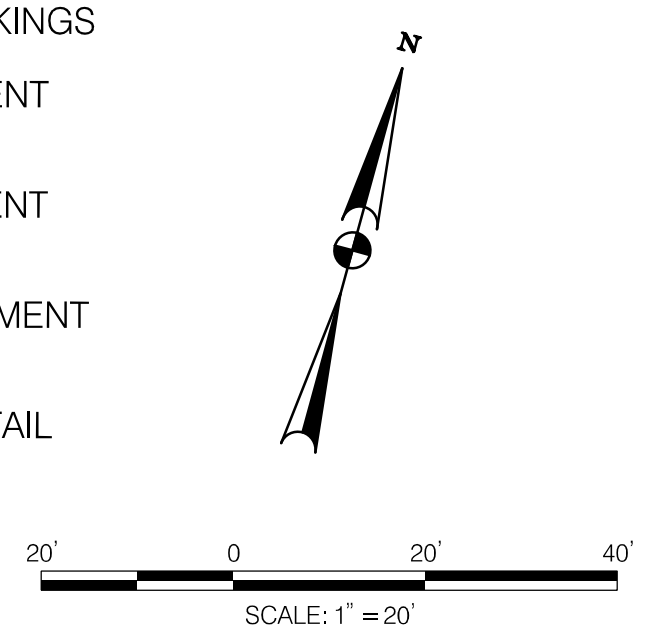
**SIGNING & PAVEMENT MARKING LEGEND**

- X EXISTING SIGN TO BE REMOVED
- EXISTING SIGN TO BE RELOCATED TO EXISTING POST
- △ EXISTING SIGN TO BE RELOCATED TO NEW POST
- NEW SIGN TO BE INSTALLED ON EXISTING POST OR EX. SIGNALLIGHT POLE
- NEW SIGN TO BE INSTALLED ON NEW POST
- (A) SEE "SEPARATED BIKE LANE DRIVEWAY CROSSING" DETAIL ON "PROJECT NOTES & DETAILS" SHEET
- (B) SEE "CYCLE TRACK STRIPING" DETAIL ON "PROJECT NOTES & DETAILS" SHEET
- (C) SEE "TWO-WAY CYCLE TRACK CROSSING" DETAIL ON "PROJECT NOTES & DETAILS" SHEET

- (D) YELLOW FLEXIBLE CHANNELIZING POST
- (E) 4 INCH SOLID WHITE THERMOPLASTIC PAVEMENT MARKINGS
- (F) 12 INCH WHITE THERMOPLASTIC PAVEMENT MARKINGS
- (G) 4 INCH SOLID YELLOW THERMOPLASTIC PAVEMENT MARKINGS
- (H) 4 INCH DASHED WHITE THERMOPLASTIC PAVEMENT MARKINGS (2' STRIPE, 4' SKIP)
- (I) 4 INCH DASHED YELLOW THERMOPLASTIC PAVEMENT MARKINGS (2' SKIP, 4' SKIP)
- (J) SEE "CYCLE TRACK /SIDEWALK TRANSITION" DETAIL ON "PROJECT NOTES & DETAILS" SHEET
- BIKE LANE SYMBOL THERMOPLASTIC PAVEMENT MARKINGS
- ↔ LANE ASSIGNMENT THERMOPLASTIC PAVEMENT MARKINGS

**NOTE:**

1. ALL EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH PROPOSED PAVEMENT MARKINGS SHALL BE ERADICATED
2. PROPOSED PAVEMENT MARKINGS AND SIGNAGE AT THE RIGGS ROAD NE AT 1ST PLACE NE INTERSECTION TO BE IMPLEMENTED AFTER THE COMPLETION OF THE METROPOLITAN BRANCH TRAIL EXTENSION PROJECT



What engagement has there been with the church on this driveway?



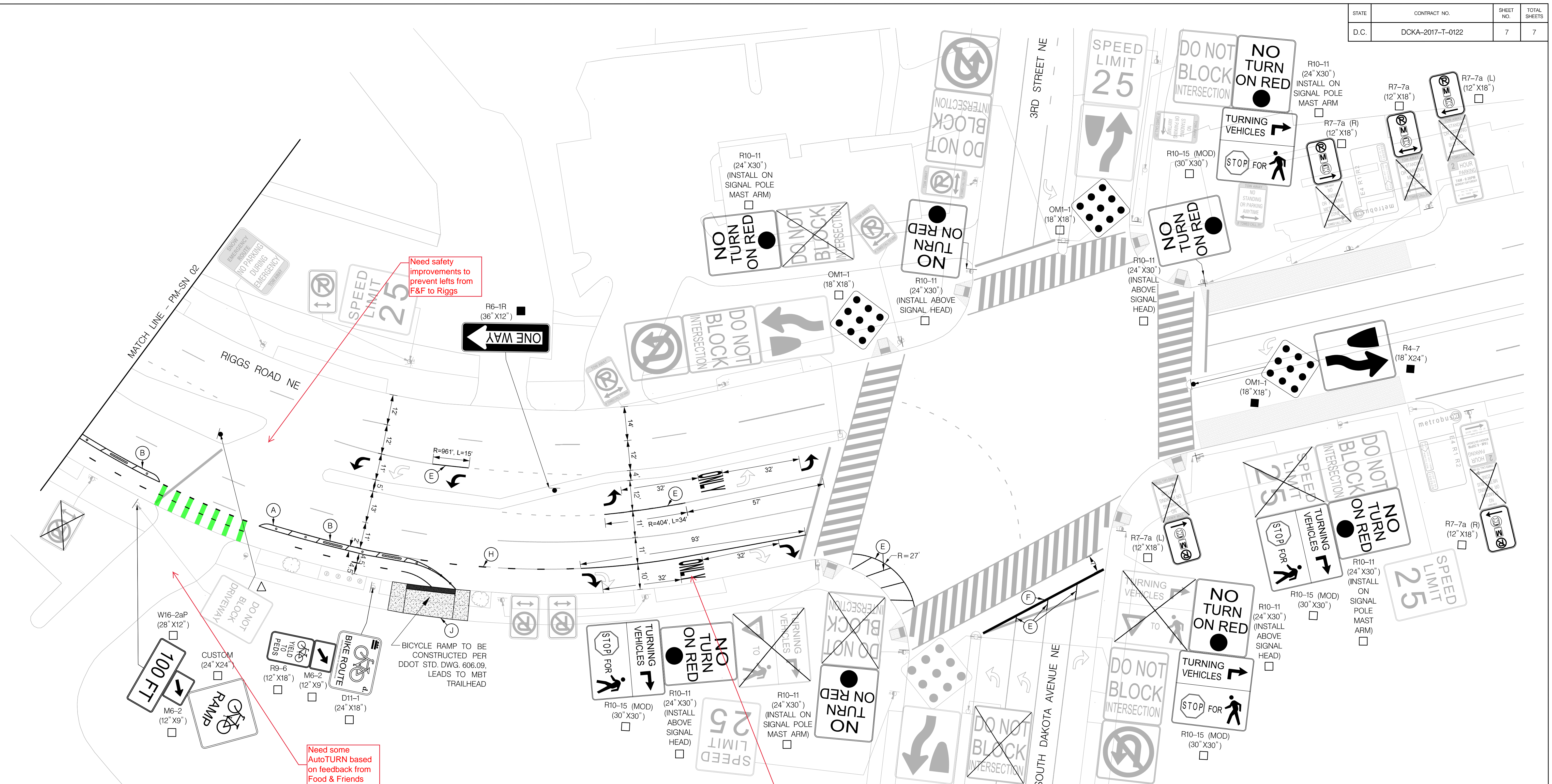
NO.	DESCRIPTION	NAME	DATE

**D.C. DEPARTMENT OF TRANSPORTATION**  
PLANNING AND SUSTAINABILITY DIVISION  
ACTIVE TRANSPORTATION PROGRAM

**RIGGS RD NE**  
BICYCLE FACILITY

**PAVEMENT MARKING AND**  
SIGNING LAYOUT PLANS

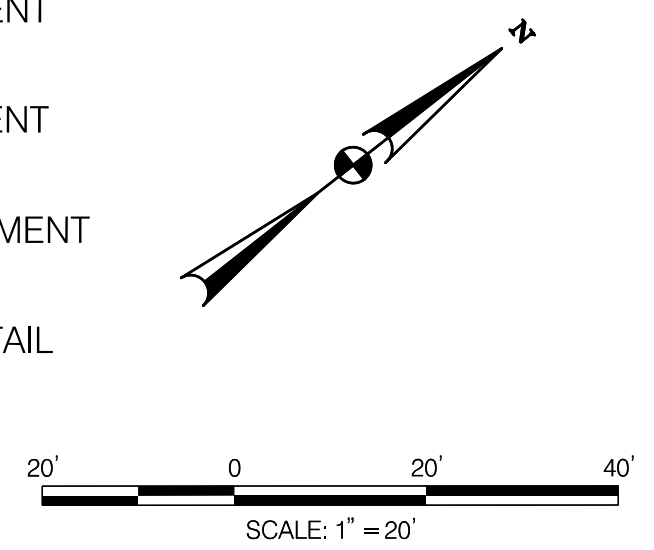
PROJECT ENG. DAG	DESIGNED BY CJH
CHECKED BY AJC	DRAWN BY CJH
PROJECT MGR. DLL	DIVISION CHIEF
DATE MARCH 2024	FILE
SHEET 6 OF 7	



**SIGNING & PAVEMENT MARKING LEGEND**

- X EXISTING SIGN TO BE REMOVED
- EXISTING SIGN TO BE RELOCATED TO EXISTING POST
- △ EXISTING SIGN TO BE RELOCATED TO NEW POST
- NEW SIGN TO BE INSTALLED ON EXISTING POST OR EX. SIGNAL/LIGHT POLE
- NEW SIGN TO BE INSTALLED ON NEW POST
- (A) SEE "SEPARATED BIKE LANE DRIVEWAY CROSSING" DETAIL ON "PROJECT NOTES & DETAILS" SHEET
- (B) SEE "CYCLE TRACK STRIPING" DETAIL ON "PROJECT NOTES & DETAILS" SHEET
- (C) SEE "TWO-WAY CYCLE TRACK CROSSING" DETAIL ON "PROJECT NOTES & DETAILS" SHEET

- (D) YELLOW FLEXIBLE CHANNELIZING POST
- (E) 4 INCH SOLID WHITE THERMOPLASTIC PAVEMENT MARKINGS
- (F) 12 INCH WHITE THERMOPLASTIC PAVEMENT MARKINGS
- (G) 4 INCH SOLID YELLOW THERMOPLASTIC PAVEMENT MARKINGS
- (H) 4 INCH DASHED WHITE THERMOPLASTIC PAVEMENT MARKINGS (2' STRIPE, 4' SKIP)
- (I) 4 INCH DASHED YELLOW THERMOPLASTIC PAVEMENT MARKINGS (2' SKIP, 4' SKIP)
- (J) SEE "CYCLE TRACK /SIDEWALK TRANSITION" DETAIL ON "PROJECT NOTES & DETAILS" SHEET
- BIKE LANE SYMBOL THERMOPLASTIC PAVEMENT MARKINGS
- ↔ LANE ASSIGNMENT THERMOPLASTIC PAVEMENT MARKINGS



Need some AutoTURN based on feedback from Food & Friends (WB-50?)

Do we need a dedicated right lane here?



NO.	DESCRIPTION	NAME	DATE

D.C. DEPARTMENT OF TRANSPORTATION  
PLANNING AND SUSTAINABILITY DIVISION  
ACTIVE TRANSPORTATION PROGRAM

RIGGS RD NE  
BICYCLE FACILITY

PAVEMENT MARKING AND  
SIGNING LAYOUT PLANS

PROJECT ENG. DAG	DESIGNED BY CJH
CHECKED BY AJC	DRAWN BY CJH
PROJECT MGR DLL	
DIVISION CHIEF	
DATE MARCH 2024	FILE
SHEET 7 OF 7	