

CITY MAP

DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION

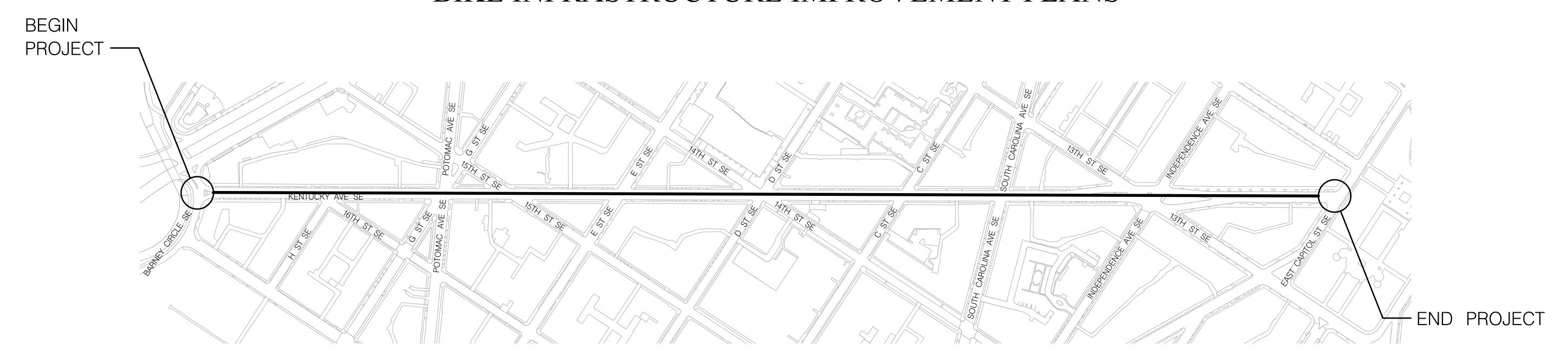


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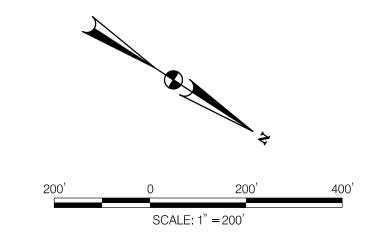
- TITLE SHEET
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- PAVEMENT MARKING QUANTITIES
- 5-12. PAVEMENT MARKING & SIGNING PLANS

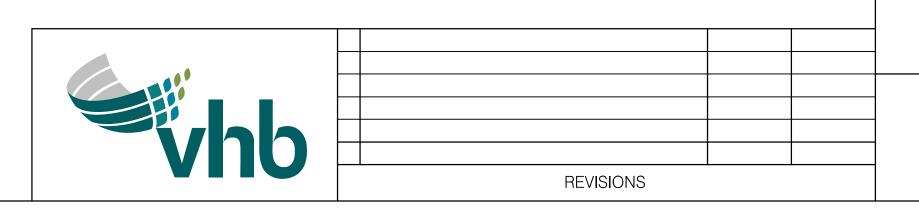
KENTUCKY AVENUE SE FROM BARNEY CIRCLE SE TO EAST CAPITOL STREET SE

BIKE INFRASTRUCTURE IMPROVEMENT PLANS



DRAFT FINAL PLANS **NOVEMBER 2020**





D.C. DEPARTMENT OF TRANSPORTATION PLANNING AND SUSTAINABILITY DIVISION

ACTIVE TRANSPORTATION PROGRAM

KENTUCKY AVENUE SE (LOCATION: BARNEY CIRCLE SE TO EAST CAPITOL ST SE)

PROJECT MGR. DLL DIVISION CHIEF

TITLE SHEET

DATE NOVEMBER 2020 FILE <u>title_kentucky_ave_se.dg</u> SHEET 1 OF 9

PROJECT NOTES:

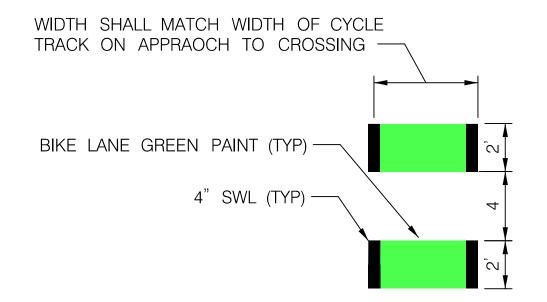
GENERAL NOTES:

- 1. 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.
- 2. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE DESIGN & ENGINEERING MANUAL (DEM) DATED JANUARY 2019.
- 3. PER AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES (ADAAG), ALL SIDEWALK CROSS SLOPES SHALL NOT EXCEED 2%.

PAVEMENT MARKING & SIGNING NOTES:

- 4. 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.
- 5. PAVEMENT MARKINGS ON ASPHALT PAVEMENT SHALL BE THERMOPLASTIC TYPE.
- 6. 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.
- 7. 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.
- 8. 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.
- 9. IF A CROSSWALK IS PRESENT, PARKING SPACES SHALL BE STRIPED WITH A MINIMUM CLEARANCE OF 25 FEET FROM THE CROSSWALK UNLESS NOTED OTHERWISE.
- 10. 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 OGECHIELEKWACHI, PHONE NUMBER: 202–369–7483.
- 11. PROPOSED SIGNS SHALL BE INSTALLED SO THAT NO PORTION OF THE SIGN PANEL OVERHANGS ADJACENT ROADWAY PAVEMENT.
- 12. 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.
- 13. ALL TRAFFIC SIGNS SHALL BE MOUNTED ON A STANDARD DDOT BREAKAWAY TYPE METAL SIGN POST.
- 14. PROPOSED SIGNS AT NEW LOCATIONS SHALL BE INSTALLED SO THEY DO NOT BLOCK THE VISIBILITY OF ANY EXISTING SIGNS OR SIGNALS.
- 15. PROPOSED SIGNS AND POSTS SHALL BE CLEAR OF EXISTING FIRE HYDRANTS, SURFACE UTILITY, AND OVERHEAD UTILITY EQUIPMENT A MINIMUM OF 10 FEET.
- 16. FOR NEW POST INSTALLATION, THE CONTRACTOR SHALL VERIFY THAT THERE ARE NO CONFLICTING UNDERGROUND OR OVERHEAD UTILITIES.
- 17. SIGNS MOUNTED TO EXISTING LIGHT, SIGNAL OR UTILITY POLES SHALL BE FASTENED WITH A MANUFACTURED STEEL BANDING SYSTEM. POLES SHALL BOT BE DRILLED DIRECTLY. THE CONTRACTOR SHALL SUBMIT MANUFACTURER INFORMATION ON THE BANDING SYSTEM TO DDOT FOR APPROVAL PRIOR TO INSTALLATION.
- 18. 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.

TATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
).C.	DCKA-2017-T-0122	2	12

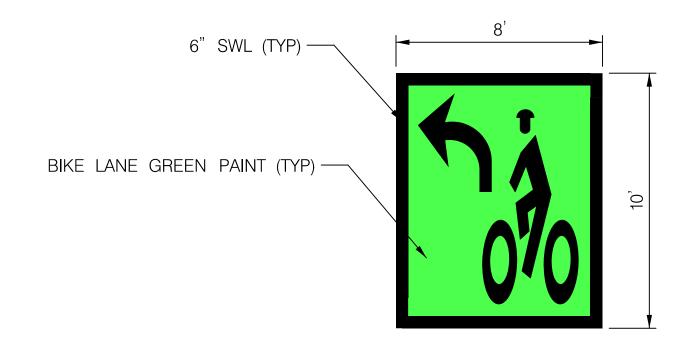


SEPARATED BIKE LANE INTERSECTION CROSSING DETAIL

NOT TO SCALE

NOTE:

1. 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.



TWO-STAGE LEFT-TURN BOX DETAIL NOT TO SCALE

NOTE

1. 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.

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

KENTUCKY AVENUE SE (LOCATION: BARNEY CIRCLE SE TO EAST CAPITOL ST SE)

CHECKED BY DLL
DRAWN BY MJB
PROJECT MGR. DLL

PROJECT ENG. DAG

DESIGNED BY _____MJB

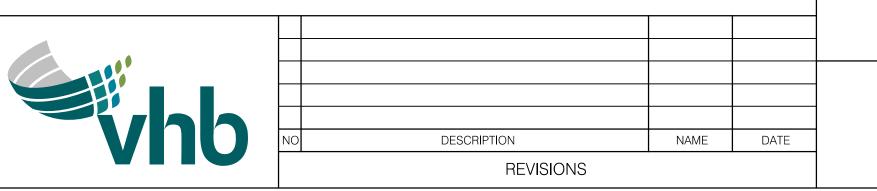
DIVISION CHIEF

PROJECT NOTES SHEET

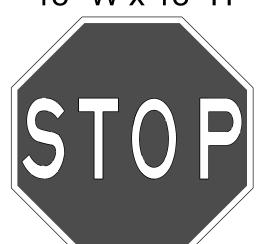
DATE NOVEMBER 2020

FILE sign_schedule...dgn

SHEET 2 OF 12



18" W x 18" H



R1-1 N.T.S. TURNING VEHICLES

TOP FOR

R10-15 (MOD)

N.T.S.

24" W x 30" H

LEFT TURNS

YIELD

TO TRAFFIC

AND BIKES

R-CUSTOM-1

24" W x 18" H

ALL OF TRANSPORTATION

24" W x 18" H

d.

BIKE ROUTE
DISTRICT DEPARTMENT OF TRANSPORTATION

D11-1

N.T.S.

24" W x 18" H

BIKE LANE

R3-17 N.T.S. 12" W x 18" H

TOW AWAY

NO
STANDING
OR PARKING
ANYTIME

IF TOWED CALL 311

R7-1 (L) & (R)

N.T.S.

TWO HOUR PARKING
LIMIT IN ZONE 6
7AM - 8:30PM
MONDAY-FRIDAY

ZONE 6 PERMIT
HOLDERS EXCEPTED

R7-108a (L) & (R)

N.T.S.

30" W x 30" H

BIKE
LANE
ENDS

W-CUSTOM-1

24" W x 24" H

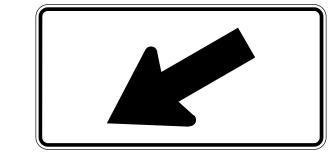


R3-2

30" W x 30" H



W11-2 N.T.S. 24" W x 12" H



W16-7p, (L) & (R) N.T.S. 24" W x 12" H

AHEAD

W16-9P N.T.S. 24" W x 12" H

150 FT

W16-2aP N.T.S. 30" W x 6" H

Anacosta Riverwalk Trail

D1-1c N.T.S. 24" W x 6" H

N.T.S.

Use Crosswalk

D1-1

N.T.S.

Sign Designation	n MUTCD/DDOT	Sign Type	Use	Sign or Plaque Description	Quantity	Panel Dimensions (IN)			
Sign Designation						W	Н	Panel Area	Total Area (SF)
D1-1	DDOT	Regulatory	Bicycle	Use Crosswalk Sign	1	24	6	1.00	1.00
D1-1c	DDOT	Regulatory	Bicycle	Anacosta Riverwalk Trail Turn Sign	1	30	6	1.25	1.25
D11-1	DDOT	Regulatory	Bicycle	DDOT Bike Route Sign	1	24	18	3.00	3.00
R1-1	MUTCD	Regulatory	Bicycle	Stop	1	18	18	2.25	2.25
R3-2	MUTCD	Regulatory	Motor Vehicle	No Left Turn	1	24	24	4.00	4.00
R3-17	MUTCD	Regulatory	Motor Vehicle	Bike Lane	11	24	18	3.00	33.00
R7-1	DDOT	Regulatory	Motor Vehicle	No Parking Anytime	1	12	18	1.50	1.50
R7-1 (L)	DDOT	Regulatory	Motor Vehicle	No Parking Anytime (Left Arrow)	6	12	18	1.50	9.00
R7-1 (R)	DDOT	Regulatory	Motor Vehicle	No Parking Anytime (Right Arrow)	8	12	18	1.50	12.00
R7-108a (L)	DDOT	Regulatory	Motor Vehicle	Two Hour Parking (Left Arrow)	8	12	18	1.50	12.00
R7-108a (R)	DDOT	Regulatory	Motor Vehicle	Two Hour Parking (Right Arrow)	7	12	18	1.50	10.50
R10-15 (MOD)	DDOT	Regulatory	Motor Vehicle	Turning Vehicles Stop for Bikes and Ped	2	30	30	6.25	12.50
R-CUSTOM-1	DDOT	Regulatory	Motor Vehicle	Left Turns Yield to Traffic and Bikes	1	24	30	5.00	5.00
R-CUSTOM-2	DDOT	Regulatory	Bicycle	Except Bicycles	1	24	12	2.00	2.00
W11-2	DDOT	Warning	Motor Vehicle	Pedestrian Crossing	5	30	30	6.25	31.25
W16-2aP	DDOT	Warning	Bicycle	150 FT sign	1	24	12	2.00	2.00
W16-7p (R)	DDOT	Warning	Motor Vehicle	Right Arrow	1	24	12	2.00	2.00
W16-7p (L)	DDOT	Warning	Motor Vehicle	Left Arrow	3	24	12	2.00	6.00
W16-9p	DDOT	Warning	Motor Vehicle	Ahead Sign	1	24	12	2.00	2.00
W-CUSTOM-1	DDOT	Warning	Bicycle	Bike Lane Ends Sign	1	30	30	6.25	6.25
W-CUSTOM-2	DDOT	Warning	Bicycle	Two Way Bike Traffic	1	24	12	2.00	2.00
								Total:	155.25

24" W x 12" H

EXCEPT BICYCLES

R-CUSTOM-2 N.T.S. 24" W x 12" H

TWO-WAY BIKE TRAFFIC

W-CUSTOM-2
N.T.S.

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

KENTUCKY AVENUE SE (LOCATION: BARNEY CIRCLE SE TO EAST CAPITOL ST SE)

PROJECT MGR. DLL

DIVISION CHIEF

DATE ____NOVEMBER 2020

FILE sign_schedule...dgn

SHEET 3 OF 12

PROJECT ENG. DAG

DESIGNED BY MJB

CHECKED BY DLL

DRAWN BY MJB

DIVIDIOIV OI

NO DESCRIPTION NAME DATE

REVISIONS

TO EAST CAPITOL ST SE)

SIGN SUMMARY SHEET

STATE	CONTRACT NO.	SHEET NO.	TOTAL SHEETS
D.C.	DCKA-2017-T-0122	4	12

PAVEMENT MARKING QUANTITIES

ITEM	QUANTITY	UNIT
THERMOPLASTIC PAVEMENT MARKINGS - STRIPING		
4" WHITE THERMOPLASTIC PAVEMENT MARKING - SOLID	6942	LF
4" WHITE THERMOPLASTIC PAVEMENT MARKING - SOLID (ANGLED 45 DEG, NO PARKING ZONE)	1702	LF
4" WHITE THERMOPLASTIC PAVEMENT MARKING - DASHED (2' STRIPE, 4' SKIP)*	480	LF
6" WHITE THERMOPLASTIC PAVEMENT MARKING - SOLID	2189	LF
6" WHITE THERMOPLASTIC PAVEMENT MARKING - DASHED (2' STRIPE, 4' SKIP)*	4037	LF
12" WHITE THERMOPLASTIC PAVEMENT MARKING - SOLID (STOP BAR)	267	LF
24" WHITE THERMOPLASTIC PAVEMENT MARKING - SOLID (CROSSWALK MARKING)	1303	LF
4" YELLOW THERMOPLASTIC PAVEMENT MARKING - SOLID	875	LF
4" YELLOW THERMOPLASTIC PAVEMENT MARKING - DOUBLE SOLID	1539	LF
4" YELLOW THERMOPLASTIC PAVEMENT MARKING - DASHED (2' STRIPE, 4' SKIP)*	108	LF
6" YELLOW THERMOPLASTIC PAVEMENT MARKING - SOLID	8	LF
6" YELLOW THERMOPLASTIC PAVEMENT MARKING - SOLID (ANGLED 45 DEG, NO PARKING ZONE)	97	LF
12' YELLOW THERMOPLASTIC PAVEMENT MARKING - SOLID (ANGLED 45 DEG, NO PARKING ZONE)	50	LF
WHITE THERMOPLASTIC PAVEMENT MARKING - SYMBOLS		
BIKE LANE SYMBOL	40	EA
SHARED LANE SYMBOL	18	EA
BIKE LANE LEFT TURN SYMBOL	1	EA
COLORIZED PAVEMENT MARKINGS		
BIKE LANE GREEN PAVEMENT MARKINGS	694	SF
CYCLE TRACK BUFFER MATERIALS		
FLEXIBLE CHANNELIZER POST	54	EA
8' x 6" CONCRETE PARKING WHEEL STOP	20	EA

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

KENTUCKY AVENUE SE (LOCATION: BARNEY CIRCLE SE TO EAST CAPITOL ST SE)

DESCRIPTION

REVISIONS

PROJECT ENG. DAG
DESIGNED BY MJB
CHECKED BY DLL
DRAWN BY MJB
PROJECT MGR. DLL

PAVEMENT MARKING QUANTITIES

DIVISION CHIEF

DATE NOVEMBER 2020 FILE <u>pavement_quantities...dgn</u> SHEET 4 OF 12

