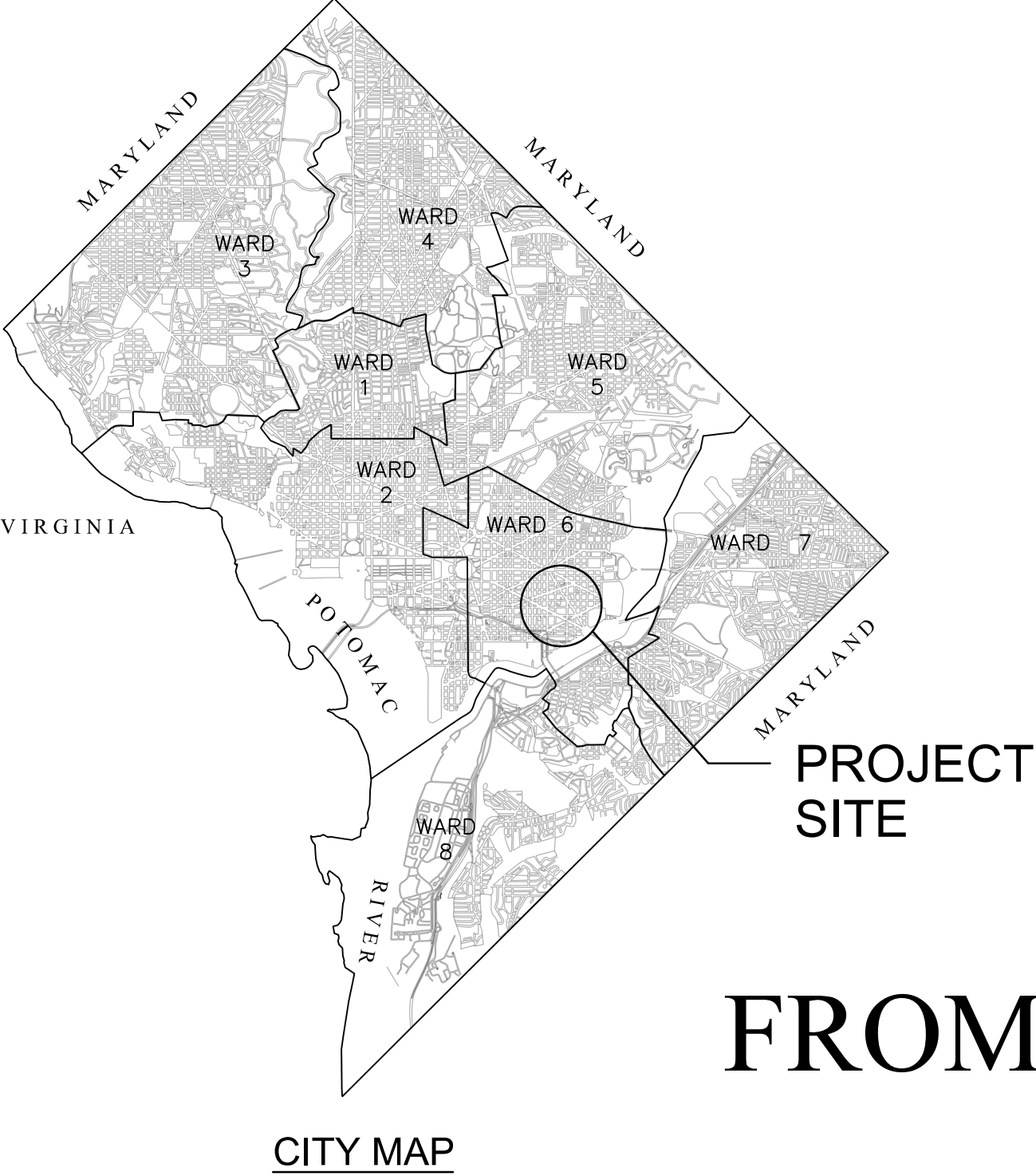


DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION



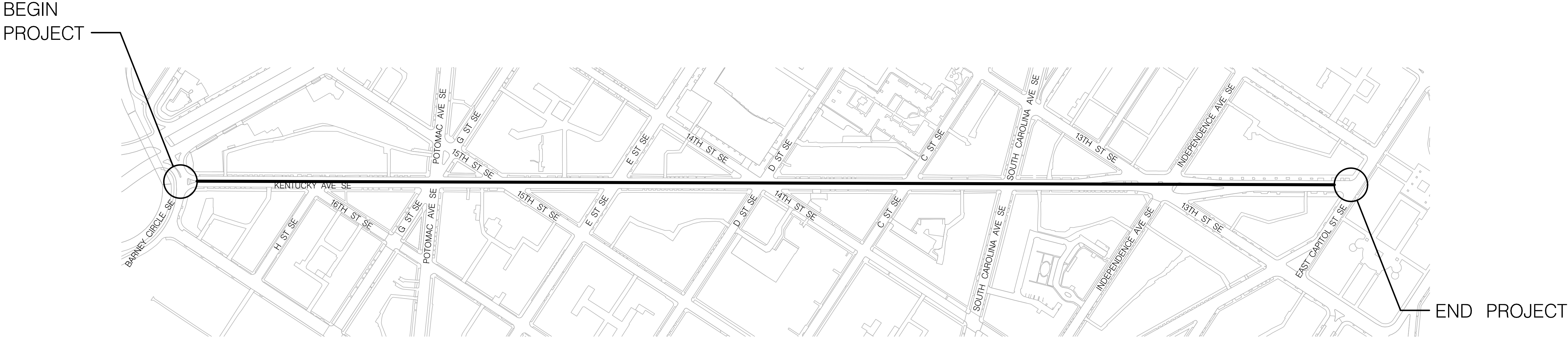
INDEX OF SHEETS

1.	TITLE SHEET
2.	PROJECT NOTES SHEET
3.	SIGN SUMMARY SHEET
4.	PAVEMENT MARKING QUANTITIES
5-12.	PAVEMENT MARKING & SIGNING PLANS

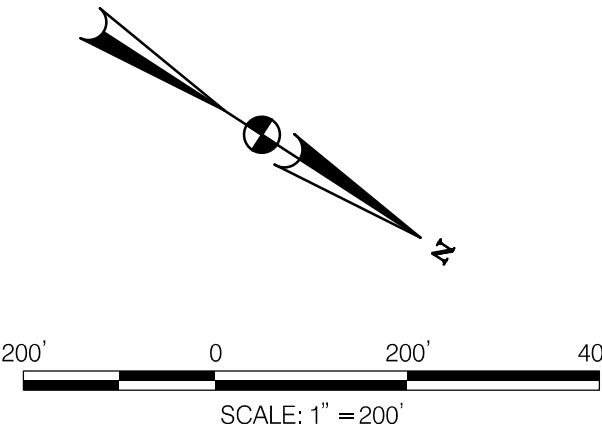


KENTUCKY AVENUE SE
FROM BARNEY CIRCLE SE TO EAST CAPITOL STREET SE

BIKE INFRASTRUCTURE IMPROVEMENT PLANS



DRAFT FINAL PLANS
NOVEMBER 2020



REVISIONS			

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 ENG. <u> DAG </u> DESIGNED BY <u> ML MJB </u> CHECKED BY <u> DLL </u> DRAWN BY <u> ML MJB </u> PROJECT MGR <u> DLL </u>
TITLE SHEET	DIVISION CHIEF DATE <u> NOVEMBER 2020 </u> FILE <u> title_kentucky_ave_se.dgn </u> SHEET <u> 1 </u> OF <u> 9 </u>

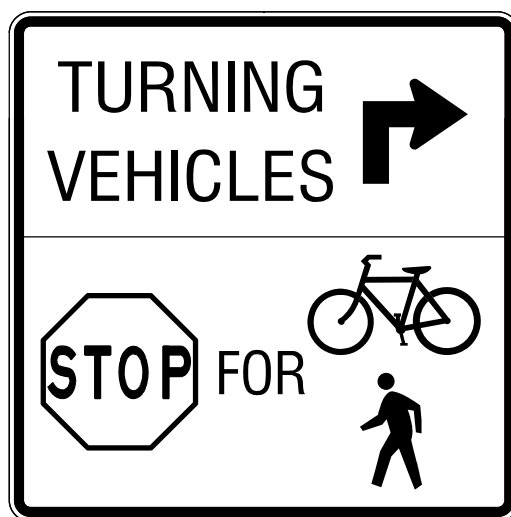
18" W x 18" H



R1-1

N.T.S.

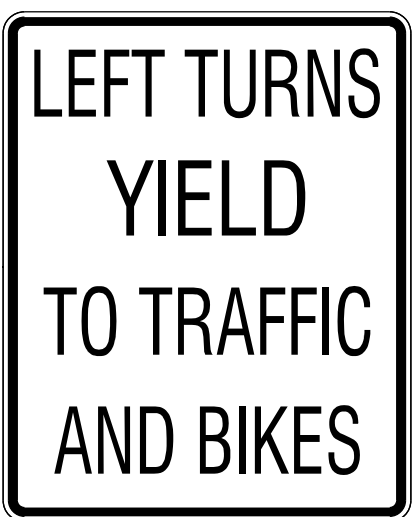
30" W x 30" H



R10-15 (MOD)

N.T.S.

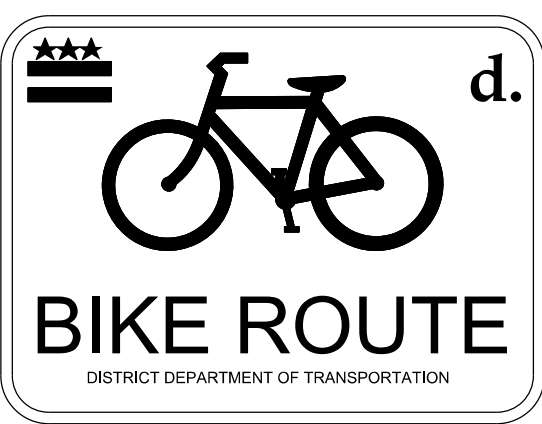
24" W x 30" H



R-CUSTOM-1

N.T.S.

24" W x 18" H



D11-1

N.T.S.

24" W x 18" H



R3-17

N.T.S.

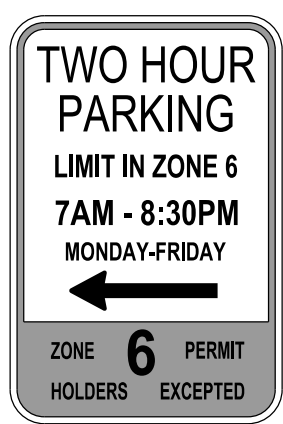
12" W x 18" H



R7-1 (L) & (R)

N.T.S.

12" W x 18" H



R7-108a (L) & (R)

N.T.S.

30" W x 30" H



W-CUSTOM-1

N.T.S.

24" W x 24" H



R3-2

N.T.S.

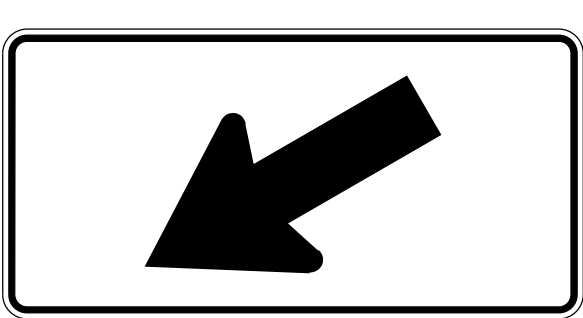
30" W x 30" H



W11-2

N.T.S.

24" W x 12" H



W16-7p, (L) & (R)

N.T.S.

24" W x 12" H



W16-9P

N.T.S.

24" W x 12" H



W16-2aP

N.T.S.

30" W x 6" H



D1-1c

N.T.S.

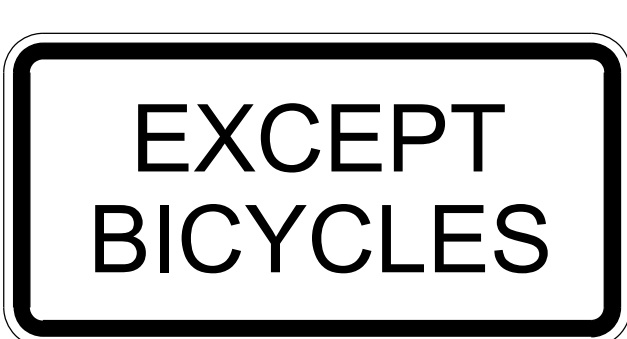
24" W x 6" H



D1-1

N.T.S.

24" W x 12" H



R-CUSTOM-2

N.T.S.

24" W x 12" H



W-CUSTOM-2

N.T.S.

Sign Designation	MUTCD/DDOT	Sign Type	Use	Sign or Plaque Description	Quantity	Panel Dimensions (IN)		Panel Area	Total Area (SF)
						W	H		
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



NO	DESCRIPTION	NAME	DATE
REVISIONS			

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

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

SIGN SUMMARY SHEET

PROJECT ENG. DAG
DESIGNED BY MJB
CHECKED BY DLL
DRAWN BY MJB
PROJECT MGR DLL
DIVISION CHIEF
DATE NOVEMBER 2020
FILE sign_schedule.dgn
SHEET 3 OF 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



NO	DESCRIPTION	NAME	DATE
REVISIONS			

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

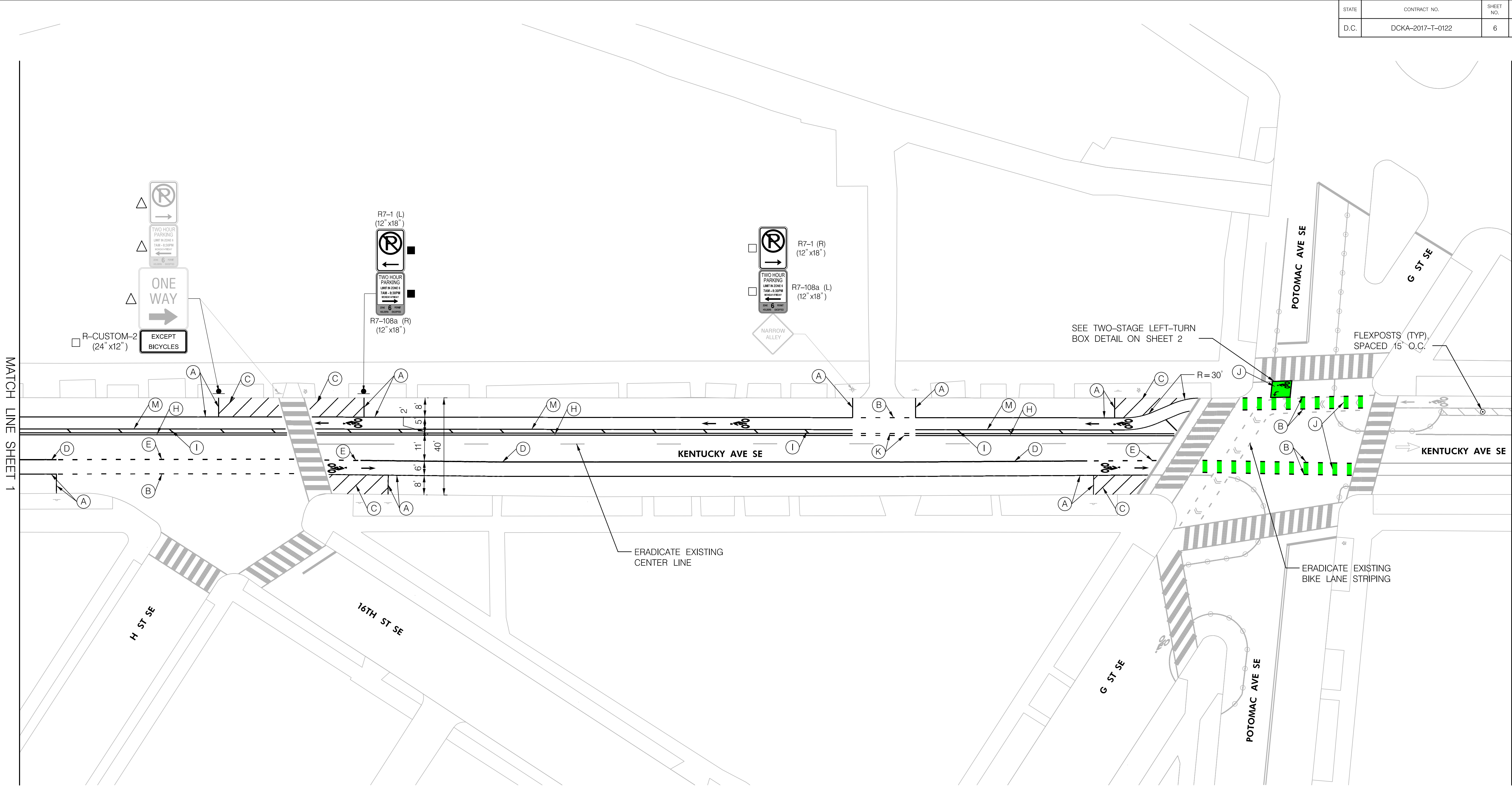
KENTUCKY AVENUE SE
(LOCATION: BARNEY CIRCLE SE
TO EAST CAPITOL ST SE)

PAVEMENT MARKING
QUANTITIES

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

DIVISION CHIEF

DATE _____ NOVEMBER 2020
FILE pavement_quantities.dgn
SHEET 4 OF 12

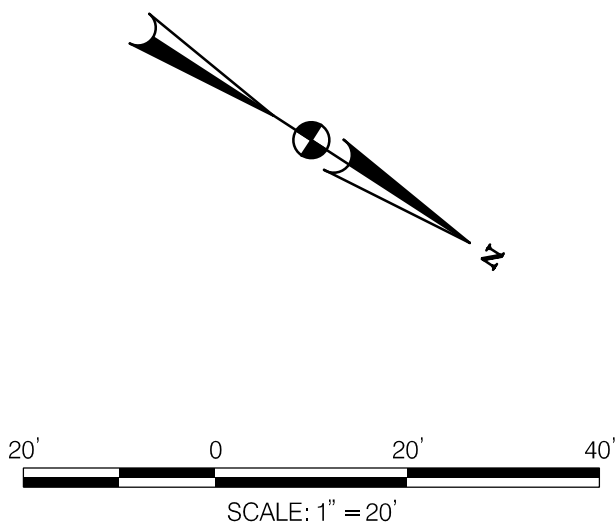


SIGNING & PAVEMENT MARKINGS LEGEND

- (A) 4 INCH SOLID WHITE THERMOPLASTIC PAVEMENT MARKINGS
(B) 4 INCH DASHED WHITE THERMOPLASTIC PAVEMENT MARKINGS (2' STRIPE, 4' SKIP)
(C) 4 INCH SOLID WHITE THERMOPLASTIC PAVEMENT MARKINGS, ANGLED 45 DEG TO EDGELINE, SPACED 5' O.C.
(D) 6 INCH SOLID WHITE THERMOPLASTIC PAVEMENT MARKINGS
(E) 6 INCH DASHED WHITE THERMOPLASTIC PAVEMENT MARKINGS (2' STRIPE, 4' SKIP)
(F) 24 INCH WHITE THERMOPLASTIC PAVEMENT MARKINGS, SPACED 2' O.C.
(G) 12 INCH WHITE THERMOPLASTIC PAVEMENT MARKINGS
(H) 4 INCH DOUBLE SOLID YELLOW THERMOPLASTIC PAVEMENT MARKINGS
(I) 6 INCH SOLID YELLOW THERMOPLASTIC PAVEMENT MARKINGS, ANGLED 45 DEG TO EDGELINE, SPACED 15' O.C.
(J) BIKE LANE GREEN PAINT

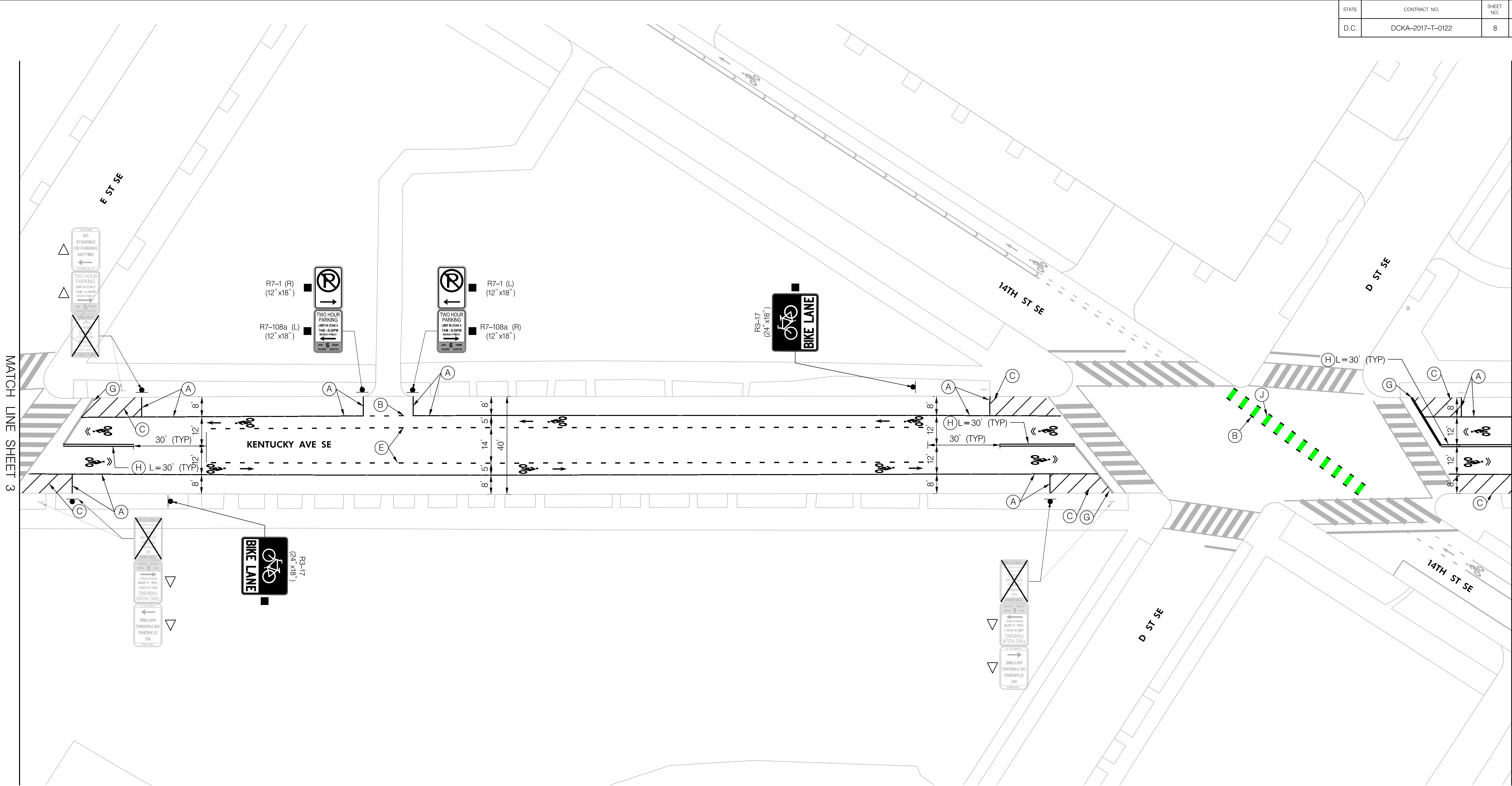
- (K) 4 INCH DASHED YELLOW THERMOPLASTIC PAVEMENT MARKINGS (2' STRIPE, 4' SKIP)
(L) 6 INCH SOLID YELLOW THERMOPLASTIC PAVEMENT MARKINGS
(M) 4 INCH SOLID YELLOW THERMOPLASTIC PAVEMENT MARKINGS
(N) 12 INCH SOLID YELLOW THERMOPLASTIC PAVEMENT MARKINGS, ANGLED 45 DEG TO EDGELINE, SPACED 5' O.C.
↑
BIKE LANE SYMBOL THERMOPLASTIC PAVEMENT MARKINGS
SHARED LANE SYMBOL THERMOPLASTIC PAVEMENT MARKINGS
■ NEW SIGN TO BE INSTALLED ON NEW POST
□ NEW SIGN TO BE INSTALLED ON EXISTING POST OR EX. SIGNAL /LIGHT POLE
△ EXISTING SIGN TO BE RELOCATED TO NEW POST

- FLEXPOST (TYP)
4" x 6" x 8" RUBBER CURB STOP (TYP)



NO	DESCRIPTION	NAME	DATE
REVISIONS			

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 ENG. <u> DAG </u> DESIGNED BY <u> ML </u> CHECKED BY <u> DLL </u> DRAWN BY <u> ML </u> PROJECT MGR <u> DLL </u>
PAVEMENT MARKING & SIGNING PLANS (SHEET 2 OF 8)	DIVISION CHIEF DATE <u> NOVEMBER 2020 </u> FILE <u> bdr_kentucky_ave_se.dgn </u> SHEET <u> 6 </u> OF <u> 12 </u>



SIGNING & PAVEMENT MARKINGS LEGEND

- (A) 4 INCH SOLID WHITE THERMOPLASTIC PAVEMENT MARKINGS

(B) 4 INCH DASHED WHITE THERMOPLASTIC PAVEMENT MARKINGS (2' STRIPE, 4' SKIP)

(C) 4 INCH SOLID WHITE THERMOPLASTIC PAVEMENT MARKINGS, ANGLED 45 DEG TO EDGELINE, SPACED 5' O.C.

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(E) 6 INCH DASHED WHITE THERMOPLASTIC PAVEMENT MARKINGS (2' STRIPE, 4' SKIP)

(F) 24 INCH WHITE THERMOPLASTIC PAVEMENT MARKINGS, SPACED 2' O.C.

(G) 12 INCH WHITE THERMOPLASTIC PAVEMENT MARKINGS

(H) 4 INCH DOUBLE SOLID YELLOW THERMOPLASTIC PAVEMENT MARKINGS

(I) 6 INCH SOLID YELLOW THERMOPLASTIC PAVEMENT MARKINGS, ANGLED 45 DEG TO EDGELINE, SPACED 15' O.C.

(J) BIKE LANE GREEN PAINT
- (K) 4 INCH DASHED YELLOW THERMOPLASTIC PAVEMENT MARKINGS (2' STRIPE, 4' SKIP)

(L) 6 INCH SOLID YELLOW THERMOPLASTIC PAVEMENT MARKINGS

(M) 4 INCH SOLID YELLOW THERMOPLASTIC PAVEMENT MARKINGS

(N) 12 INCH SOLID YELLOW THERMOPLASTIC PAVEMENT MARKINGS, ANGLED 45 DEG TO EDGELINE, SPACED 5' O.C.

↑

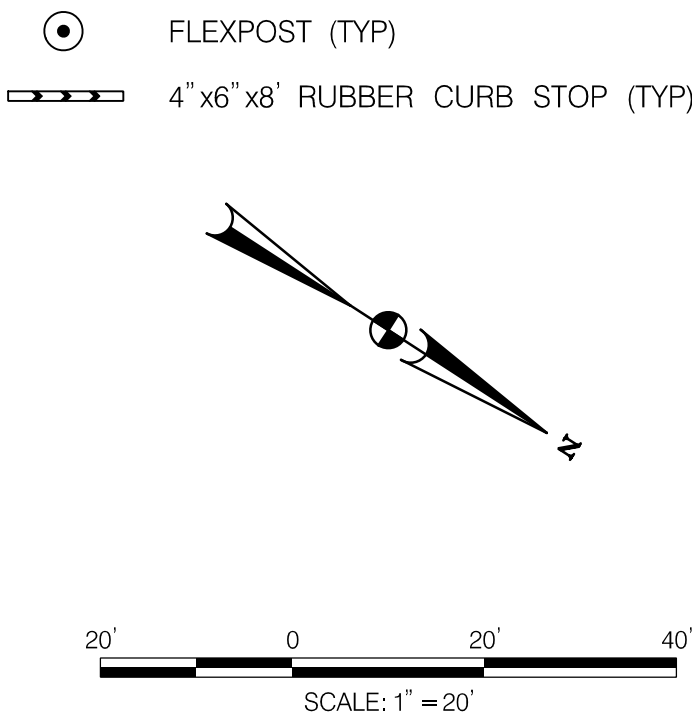
BIKE LANE SYMBOL THERMOPLASTIC PAVEMENT MARKINGS

SHARED LANE SYMBOL THERMOPLASTIC PAVEMENT MARKINGS

■ NEW SIGN TO BE INSTALLED ON NEW POST

□ NEW SIGN TO BE INSTALLED ON EXISTING POST OR EX. SIGNAL /LIGHT POLE

△ EXISTING SIGN TO BE RELOCATED TO NEW POST



NO	DESCRIPTION	NAME	DATE
REVISIONS			

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

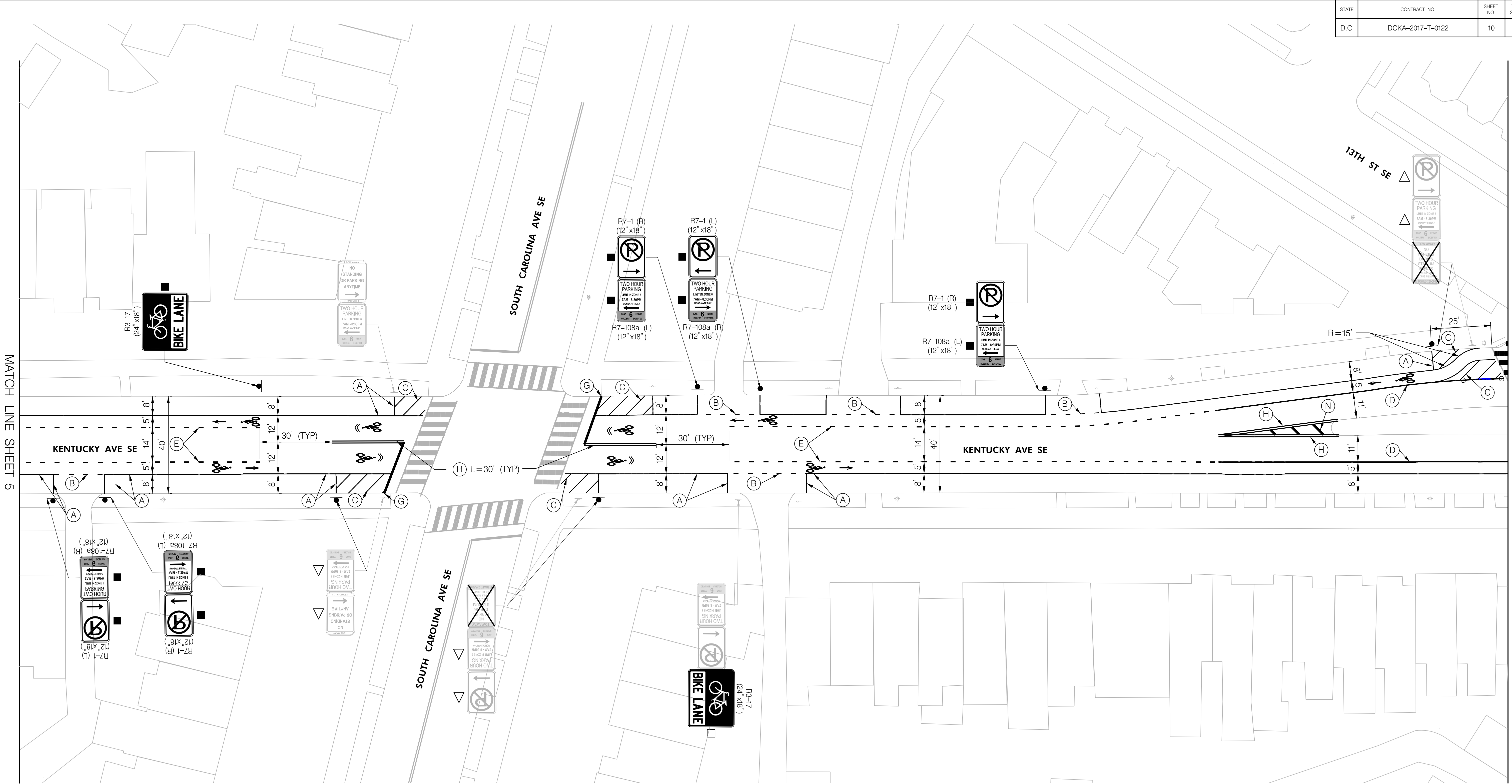
KENTUCKY AVENUE SE
(LOCATION: BARNEY CIRCLE SE
TO EAST CAPITOL ST SE)

PAVEMENT MARKING & SIGNING PLANS
(SHEET 4 OF 8)

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

DIVISION CHIEF

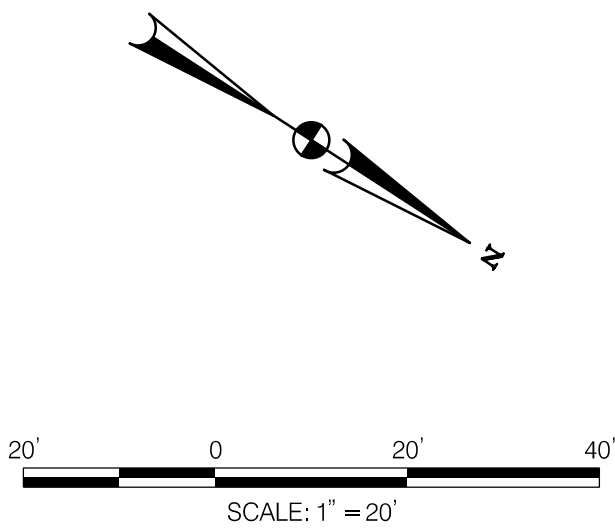
DATE NOVEMBER 2020
FILE bdr_kentucky_ave_se.dgn
SHEET 8 OF 12



SIGNING & PAVEMENT MARKINGS LEGEND

- | | |
|---|---|
| (A) 4 INCH SOLID WHITE THERMOPLASTIC PAVEMENT MARKINGS | (K) 4 INCH DASHED YELLOW THERMOPLASTIC PAVEMENT MARKINGS (2' STRIPE, 4' SKIP) |
| (B) 4 INCH DASHED WHITE THERMOPLASTIC PAVEMENT MARKINGS (2' STRIPE, 4' SKIP) | (L) 6 INCH SOLID YELLOW THERMOPLASTIC PAVEMENT MARKINGS |
| (C) 4 INCH SOLID WHITE THERMOPLASTIC PAVEMENT MARKINGS, ANGLED 45 DEG TO EDGELINE, SPACED 5' O.C. | (M) 4 INCH SOLID YELLOW THERMOPLASTIC PAVEMENT MARKINGS |
| (D) 6 INCH SOLID WHITE THERMOPLASTIC PAVEMENT MARKINGS | (N) 12 INCH SOLID YELLOW THERMOPLASTIC PAVEMENT MARKINGS, ANGLED 45 DEG TO EDGELINE, SPACED 5' O.C. |
| (E) 6 INCH DASHED WHITE THERMOPLASTIC PAVEMENT MARKINGS (2' STRIPE, 4' SKIP) | ↑ |
| (F) 24 INCH WHITE THERMOPLASTIC PAVEMENT MARKINGS, SPACED 2' O.C. | 🚲 BIKE LANE SYMBOL THERMOPLASTIC PAVEMENT MARKINGS |
| (G) 12 INCH WHITE THERMOPLASTIC PAVEMENT MARKINGS | 🚲 SHARED LANE SYMBOL THERMOPLASTIC PAVEMENT MARKINGS |
| (H) 4 INCH DOUBLE SOLID YELLOW THERMOPLASTIC PAVEMENT MARKINGS | ■ NEW SIGN TO BE INSTALLED ON NEW POST |
| (I) 6 INCH SOLID YELLOW THERMOPLASTIC PAVEMENT MARKINGS, ANGLED 45 DEG TO EDGELINE, SPACED 15' O.C. | □ NEW SIGN TO BE INSTALLED ON EXISTING POST OR EX. SIGNAL /LIGHT POLE |
| (J) BIKE LANE GREEN PAINT | △ EXISTING SIGN TO BE RELOCATED TO NEW POST |

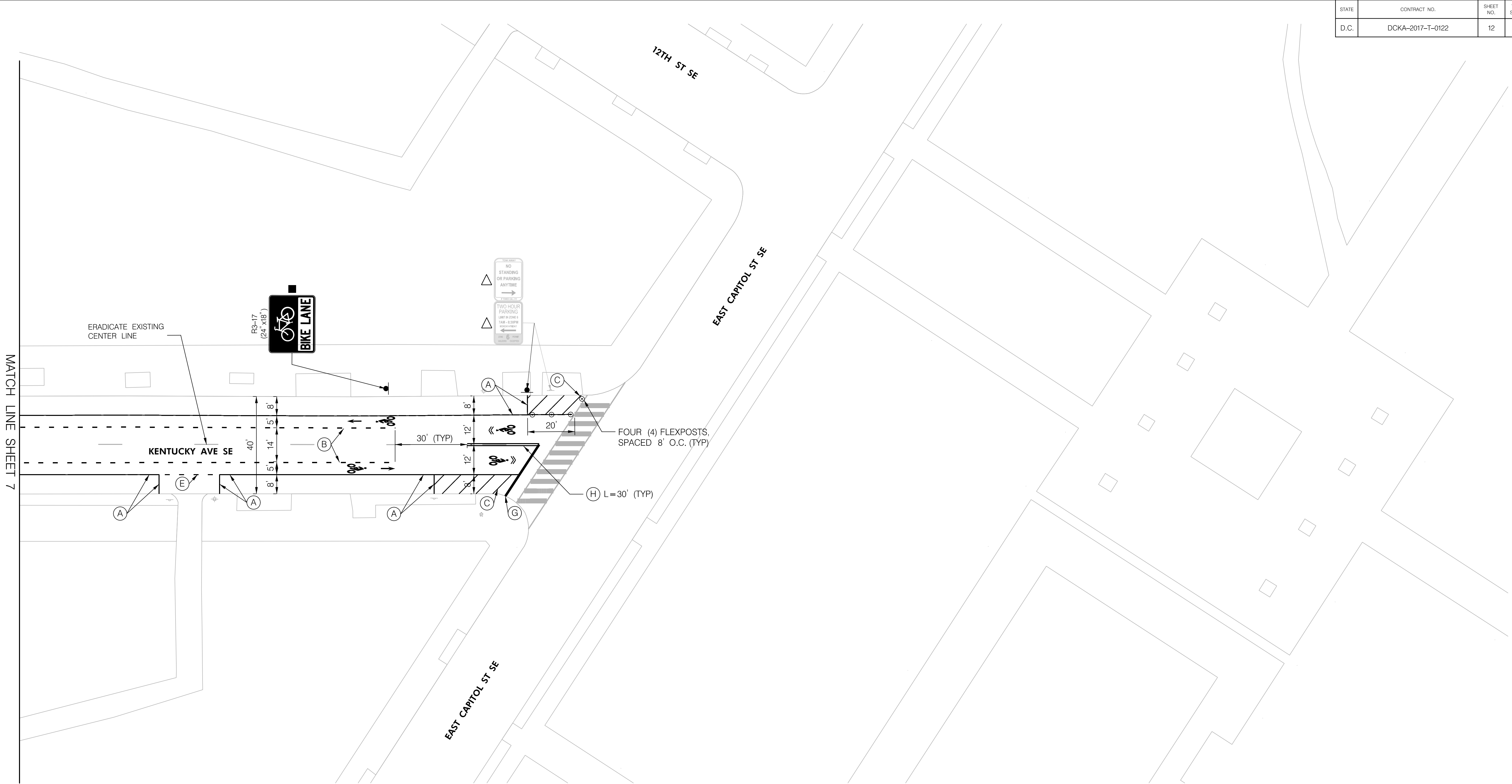
- ⦿ FLEXPOST (TYP)
- ▬ 4" x 6" x 8" RUBBER CURB STOP (TYP)



NO	DESCRIPTION	NAME	DATE
REVISIONS			

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 ENG. <u> DAG </u> DESIGNED BY <u> MJB </u> CHECKED BY <u> DLL </u> DRAWN BY <u> MJB </u> PROJECT MGR <u> DLL </u>
PAVEMENT MARKING & SIGNING PLANS (SHEET 6 OF 8)	DIVISION CHIEF
	DATE <u> NOVEMBER 2020 </u>
	FILE <u> bdr_kentucky_ave_se.dgn </u>
	SHEET <u> 10 </u> OF <u> 12 </u>

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



SIGNING & PAVEMENT MARKINGS LEGEND

- (A) 4 INCH SOLID WHITE THERMOPLASTIC PAVEMENT MARKINGS

(B) 4 INCH DASHED WHITE THERMOPLASTIC PAVEMENT MARKINGS (2' STRIPE, 4' SKIP)

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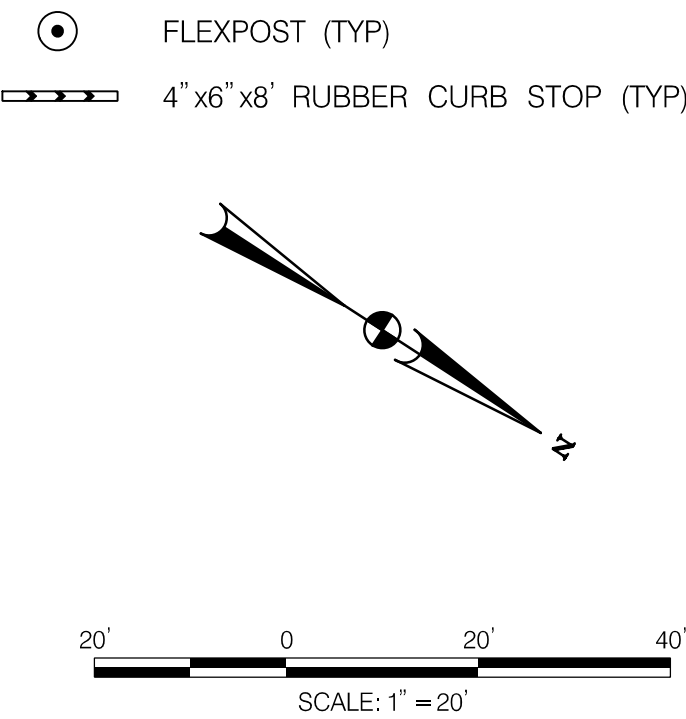
BIKE LANE SYMBOL THERMOPLASTIC PAVEMENT MARKINGS

SHARED LANE SYMBOL THERMOPLASTIC PAVEMENT MARKINGS

NEW SIGN TO BE INSTALLED ON NEW POST

NEW SIGN TO BE INSTALLED ON EXISTING POST OR EX. SIGNAL /LIGHT POLE

EXISTING SIGN TO BE RELOCATED TO NEW POST



D.C. DEPARTMENT OF TRANSPORTATION PLANNING, AND SUSTAINABILITY DIVISION ACTIVE TRANSPORTATION PROGRAM		PROJECT ENG. <u> </u> DAG
KENTUCKY AVENUE SE (LOCATION: BARNEY CIRCLE SE TO EAST CAPITOL ST SE)		DESIGNED BY <u> </u> MJB
		CHECKED BY <u> </u> DLL
		DRAWN BY <u> </u> MJB
PAVEMENT MARKING & SIGNING PLANS (SHEET 8 OF 8)		PROJECT MGR. <u> </u> DLL
		DIVISION CHIEF
		DATE <u> </u> NOVEMBER 2020 <u> </u>
		FILE <u> </u> bdr_kentucky_ave_se.dgn
		SHEET <u> </u> 12 <u> </u> OF <u> </u> 12

NO	DESCRIPTION	NAME	DATE
REVISIONS			