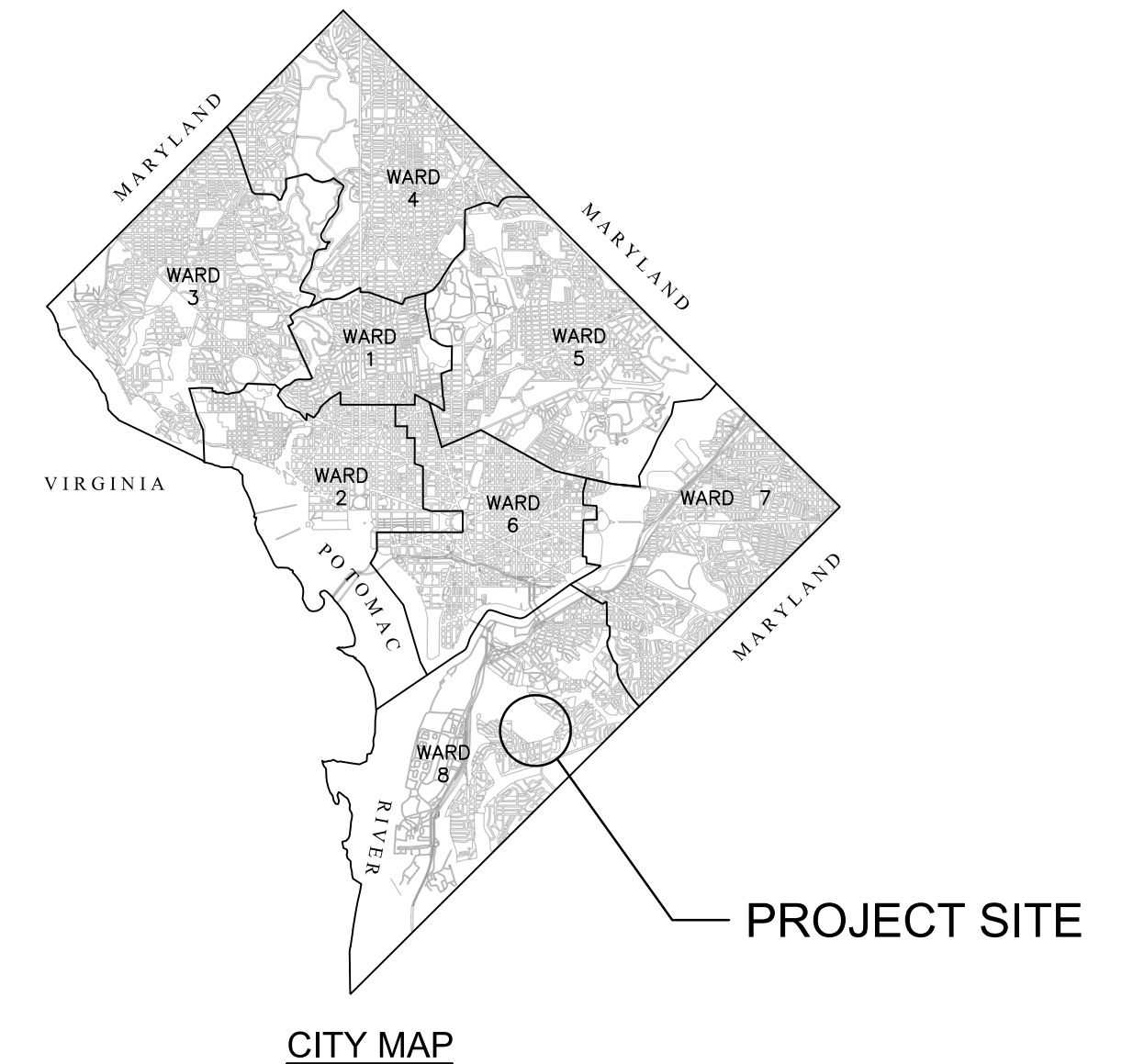


DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION



PLANS OF PROPOSED WHEELER ROAD SE FROM MISSISSIPPI AVENUE SE TO ALABAMA AVENUE SE



INDEX OF SHEETS

1. TITLE SHEET
2. PROJECT NOTES & DETAILS
3. TRENCH DRAIN DETAIL
4. MEDIAN REFUGE ISLAND LAYOUT DETAILS
5. CURB EXTENSION & MEDIAN REFUGE ISLAND LAYOUT DETAILS
6. PAVEMENT MARKING QUANTITIES
7. SIGN QUANTITIES AND DETAILS
8. SIGN REMOVAL QUANTITIES
- 9-13. SIGNING AND STRIPING LAYOUT PLANS

2006 DC TEMPORARY TRAFFIC CONTROL MANUAL TYPICAL APPLICATION FIGURES

14. FIGURE 9-1. CLOSURES ON CURB LANES
15. FIGURE 9-5. CLOSURE IN THE CENTER OF A LOCAL OR LOW-VOLUME ROAD
16. FIGURE 9-6. LANE CLOSURE ON A MINOR STREET
17. FIGURE 9-9. RIGHT LANE CLOSURE AT FAR SIDE OF THE INTERSECTION

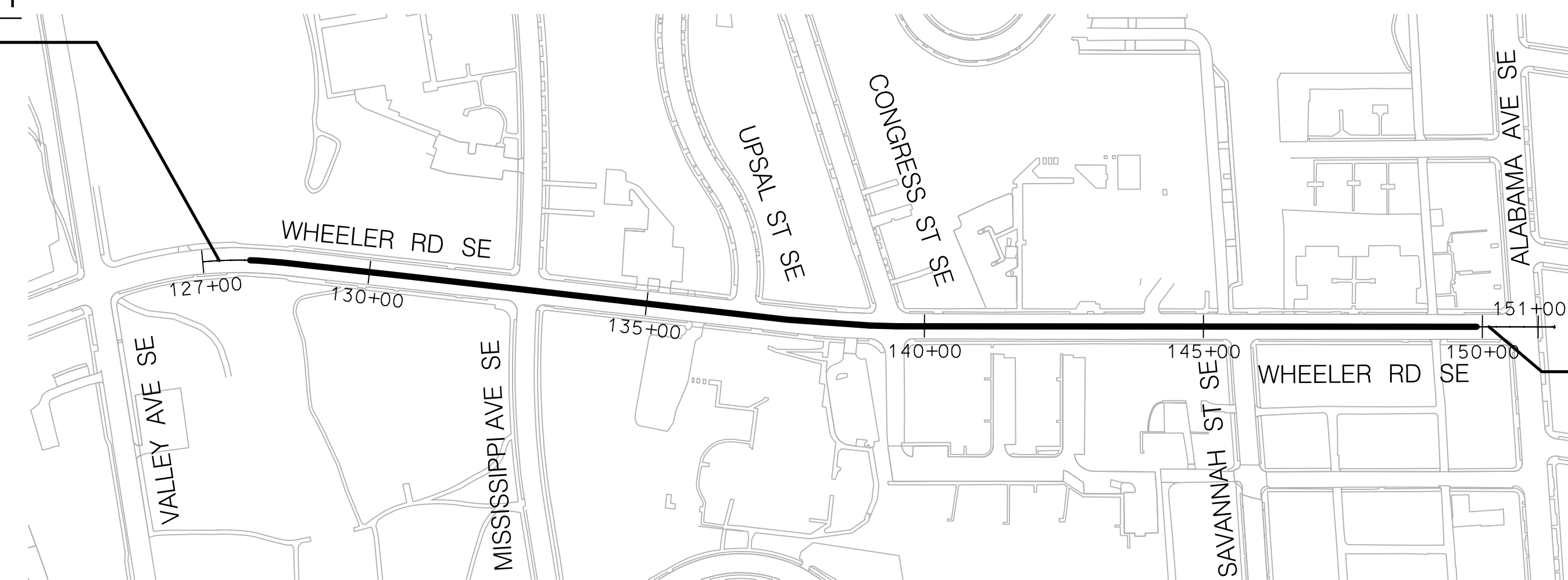
ROAD DIET AND SAFE ROUTE TO SCHOOL IMPROVEMENTS FINAL PLANS

LENGTH OF PROJECT = 2,280 FEET = 0.43 MILES

2009 MUTCD SECTION 6H TYPICAL APPLICATION FIGURES

18. FIGURE 6H-18: LANE CLOSURE ON A MINOR STREET
19. FIGURE 6H-21: LANE CLOSURE ON THE NEAR SIDE OF AN INTERSECTION
20. FIGURE 6H-22: RIGHT-HAND LANE CLOSURE ON THE FAR SIDE OF AN INTERSECTION
21. FIGURE 6H-23: LEFT-HAND LANE CLOSURE ON THE FAR SIDE OF AN INTERSECTION
22. FIGURE 6H-28: SIDEWALK DETOUR OR DIVERSION
23. FIGURE 6H-29: CROSSWALK CLOSURES ON PEDESTRIAN DETOURS
24. FIGURE 6H-30: INTERIOR LANE CLOSURE ON A MULTI-LANE STREET

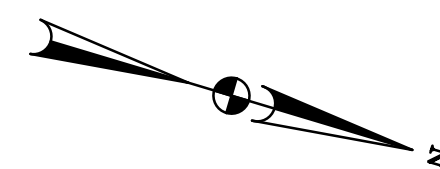
BEGIN PROJECT
STA. 127 + 30



END PROJECT
STA. 151 + 10

PROJECT MAP
N.T.S

FINAL PLANS
June 2022



NO	DESCRIPTION	NAME	DATE
5	REVISED FINAL (100%) DESIGN PLANS	DAG/AJC	2022-06-10
4	REVISED FINAL (100%) DESIGN PLANS	BLT/AJC	2022-03-04
3	FINAL (100%) DESIGN PLANS	BLT/AJC	2022-02-09
2	PRELIMINARY (60%) DESIGN PLANS	BLT/AJC	2022-01-20
1	CONCEPTUAL (30%) DESIGN PLANS	BLT/AJC	2021-11-18

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

WHEELER RD SE
(LOCATION: MISSISSIPPI AVE SE TO ALABAMA AVE SE)

TITLE SHEET

PROJECT ENG. DAG
DESIGNED BY BLT
CHECKED BY DLL
DRAWN BY BLT/AJC
PROJECT MGR. DLL

DIVISION CHIEF

DATE JUNE 2022

FILE

SHEET 1 OF 13

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 FIRE HYDRANT 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 (THIS IS THE TYPICAL TREATMENT PER THE DDOT DEM).
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 OGECHI ELEKWACHI, PHONE NUMBER: 202-369-7483.

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 NOT 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.

CONSTRUCTION NOTES:

19. THE CONTRACTOR SHALL CONSTRUCT THE CONCRETE MEDIANS AND CURB EXTENSION OPEN CHANNEL CROSSING TO THE DIMENSIONS SHOWN ON THE DESIGN PLANS IN SHEETS 4 AND 5.
20. WHERE MODIFICATIONS TO THE CONCRETE REFUGE ISLANDS AND CURB EXTENSION OPEN CHANNEL CROSSING ARE DEEMED NECESSARY BASED ON FIELD CONDITIONS, THE CONTRACTOR SHALL PROPOSE MODIFICATIONS AND RECEIVE APPROVAL FROM DDOT PRIOR TO BEGINNING THE WORK.

21. CONTRACTOR SHALL BE RESPONSIBLE FOR THE SITE SECURITY AND JOB SAFETY. CONSTRUCTION ACTIVITIES SHALL BE IN ACCORDANCE WITH OSHA STANDARDS, DDOT, AND LOCAL REQUIREMENTS.
22. AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.
23. DESIGN DETAILS FOR A RECTANGULAR FLASHING RAPID BEACON (RRFB) AT THE CONCRETE MEDIAN ADJACENT TO KIPP-SOMERSET DC PREP SCHOOL WILL BE PROVIDED BY DDOT.

TOPOGRAPHY AND SURVEYS

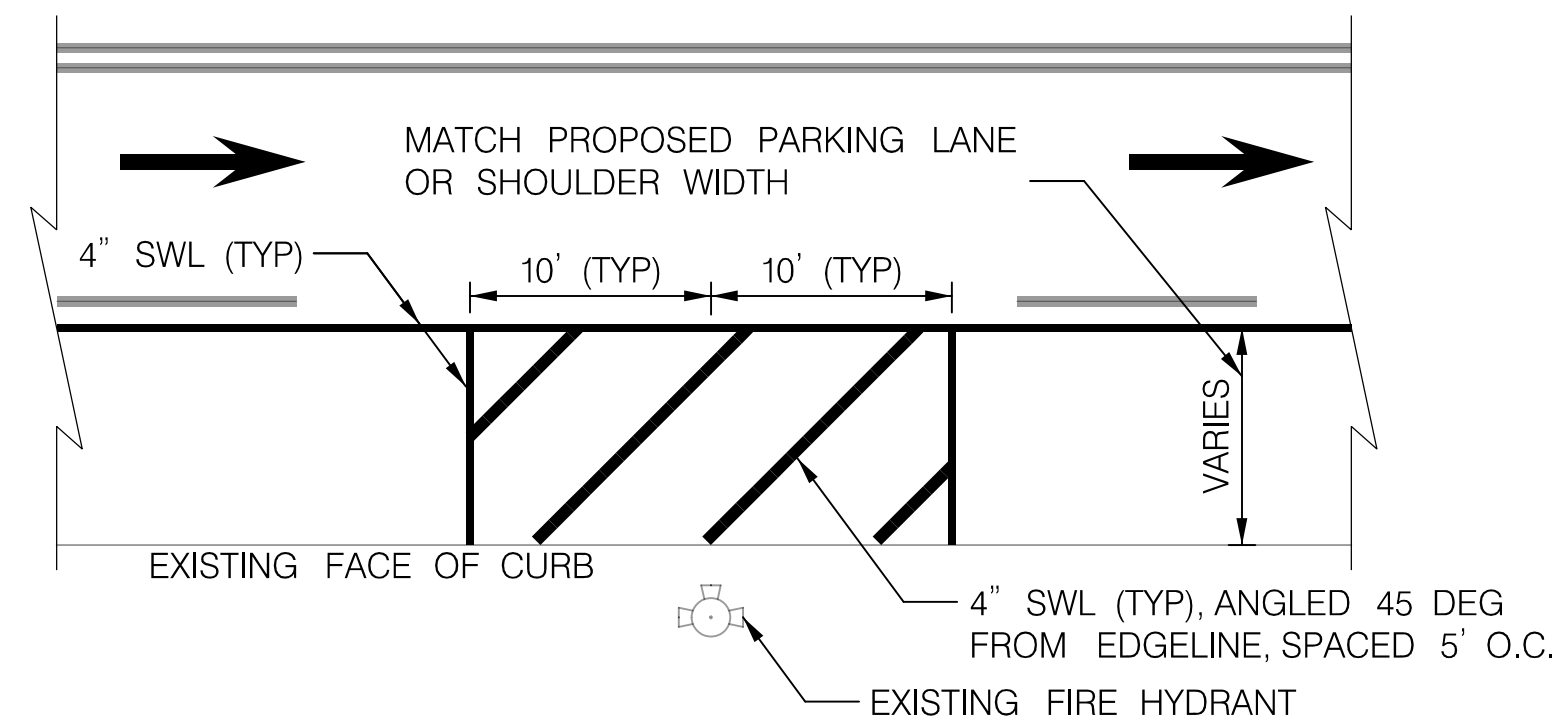
24. BASE INFORMATION SHOWN ON THESE PLANS WERE TAKEN FROM DDOT GIS INFORMATION PUBLISHED ON THE DC OPEN DATA SITE. A FIELD RUN TOPOGRAPHIC AND UTILITY SURVEY WAS NOT PERFORMED FOR THIS PROJECT.

VERIFICATION OF DIMENSIONS AND ELEVATIONS

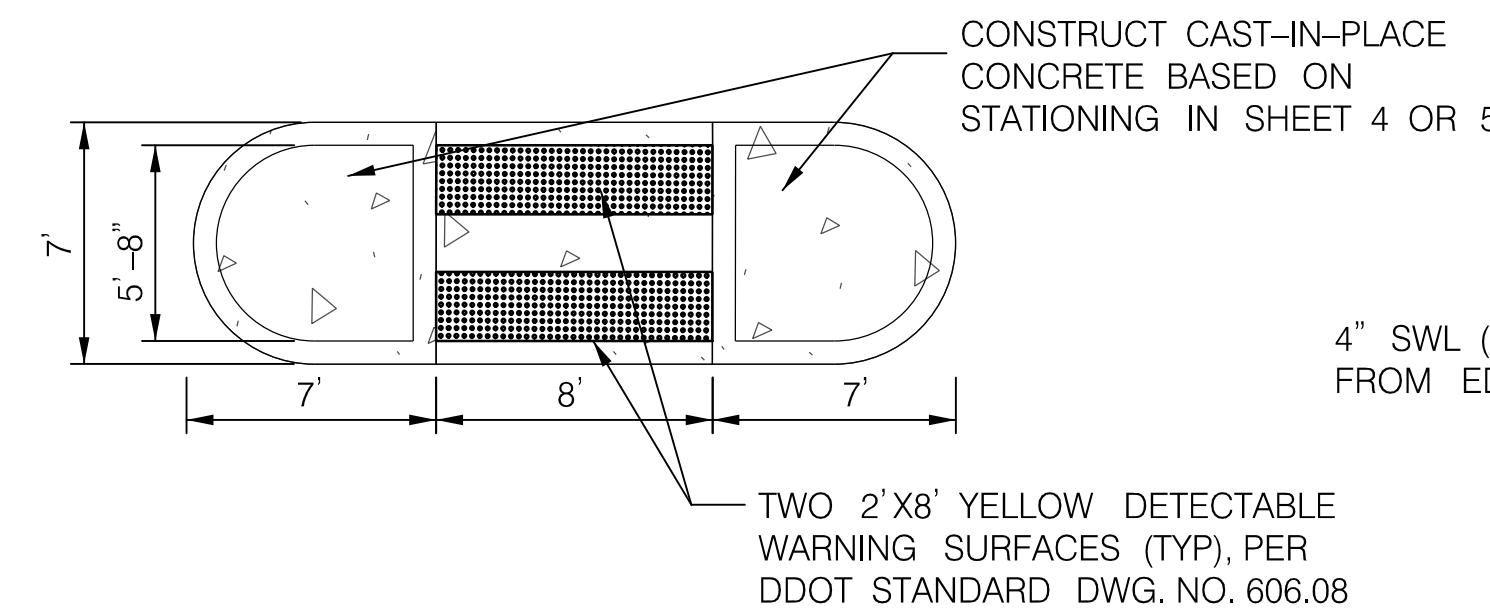
25. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF ALL PLAN DIMENSIONS AND OTHER FEATURES PRIOR TO ORDERING MATERIALS OR BEGINNING CONSTRUCTION OF VARIOUS ITEMS ON THIS PROJECT.

MAINTENANCE OF TRAFFIC

26. THE CONTRACTOR SHALL UTILIZE THE TYPICAL APPLICATIONS IN PART 9 OF THE DDOT TEMPORARY TRAFFIC CONTROL MANUAL AND IN PART 6 OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) FOR IMPLEMENTATION OF LANE, SHOULDER, AND ON-STREET PARKING CLOSURES ON ALL APPROACH ROADWAYS SHOWN.
27. ALL TRAFFIC CONTROL SHALL CONFORM TO PART 6 OF THE 2009 EDITION MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), DC TEMPORARY TRAFFIC CONTROL MANUAL GUIDELINES AND STANDARDS - 2006 EDITION, AND THE DDOT DESIGN AND ENGINEERING MANUAL.
28. TEMPORARY SIGNS SHALL HAVE A BLACK LEGEND AND BORDER ON AN ORANGE BACKGROUND.

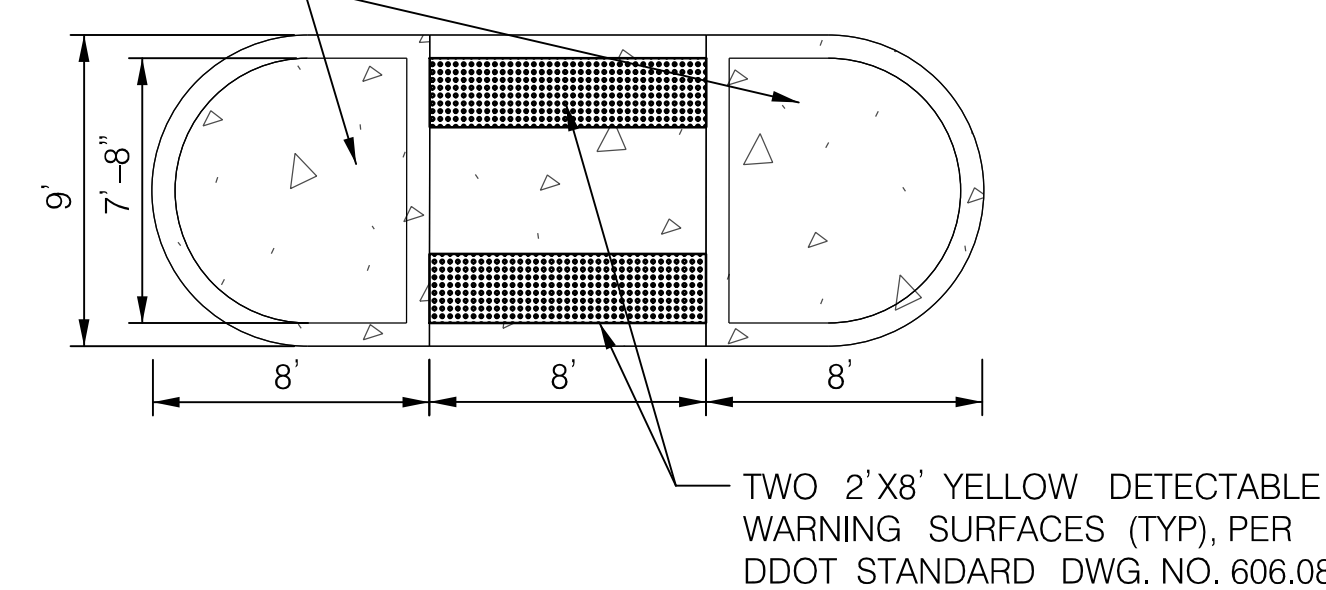


FIRE HYDRANT STRIPING DETAIL
NOT TO SCALE



7'-WIDE MEDIAN REFUGE ISLAND DETAIL
NOT TO SCALE

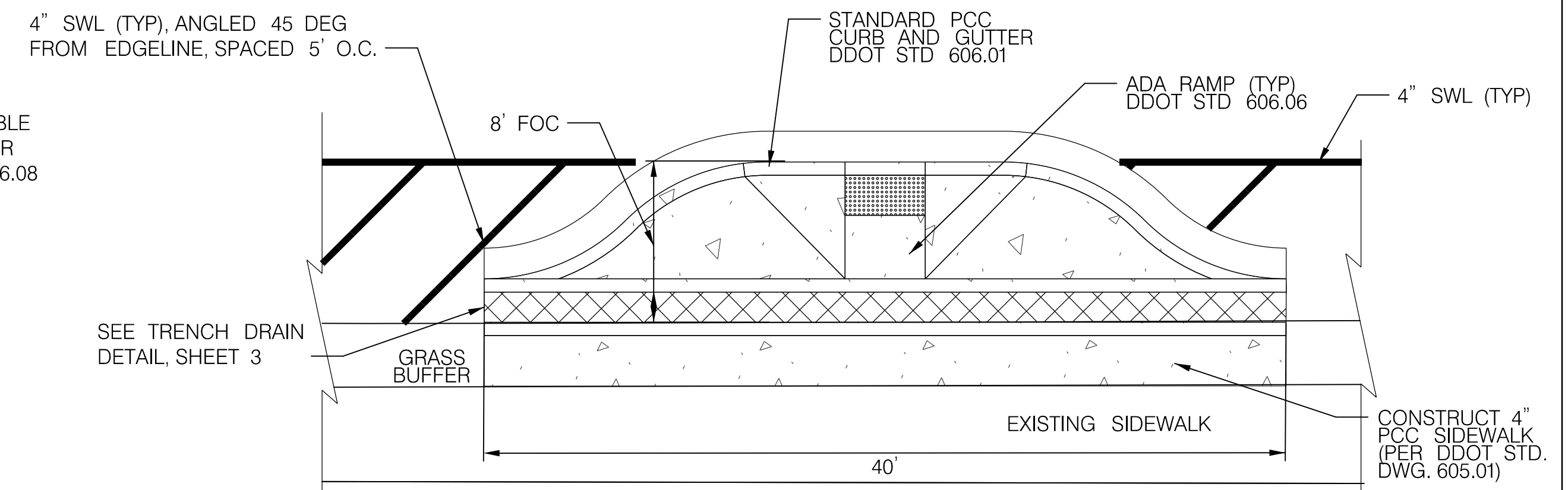
CONSTRUCT CAST-IN-PLACE CONCRETE BASED ON STATIONING IN SHEET 4



9'-WIDE MEDIAN REFUGE ISLAND DETAIL
NOT TO SCALE

NOTES:

1. SEE SHEETS 4 & 5 FOR 7'-WIDE MEDIAN REFUGE ISLAND LAYOUT DETAIL
2. SEE SHEET 4 FOR 9'-WIDE MEDIAN REFUGE ISLAND LAYOUT DETAIL



CURB EXTENSION OPEN CHANNEL CROSSING DETAIL
NOT TO SCALE

NOTES:

1. CONTRACTOR TO TAKE CARE WHEN INSTALLING BUFFER AREA TO AVOID DAMAGING ANY TREE ROOTS.
2. SEE SHEET 3 FOR TRENCH DRAIN DETAIL
3. SEE SHEET 5 FOR CURB EXTENSION LAYOUT DETAIL



NO.	DATE	DESCRIPTION

REVISIONS

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

WHEELER RD SE
(LOCATION: MISSISSIPPI AVE SE
TO ALABAMA AVE SE)

PROJECT NOTES & DETAILS

PROJECT ENG. DAG
DESIGNED BY BLT
CHECKED BY DLL
DRAWN BY BLT/JC
PROJECT MGR. DLL

DIVISION CHIEF

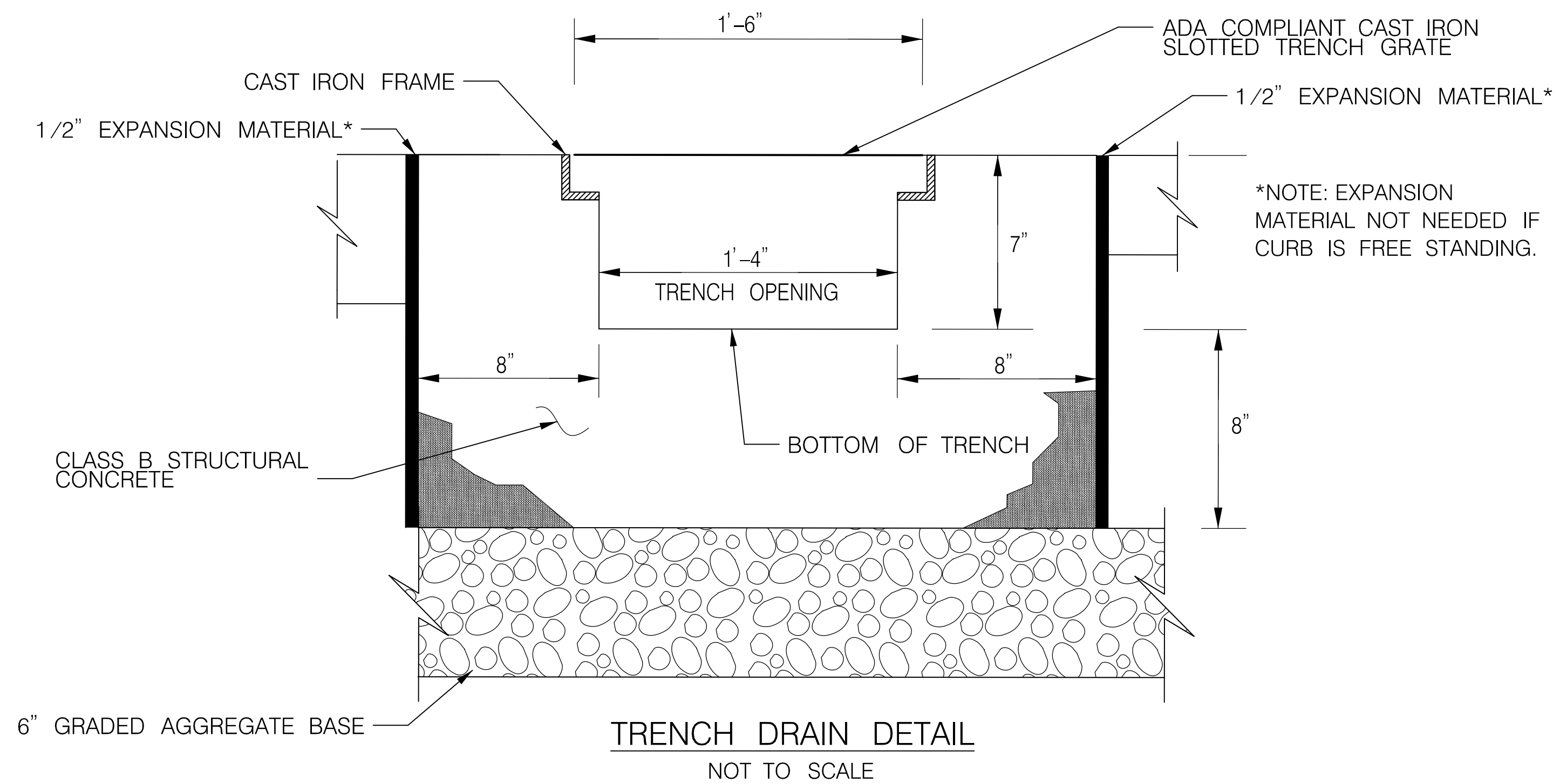
DATE JUNE 2022

FILE

SHEET 2 OF 13

TRENCH DRAIN NOTES

1. CONTRACTOR SHALL PROVIDE SUBMITTAL TO DDOT FOR APPROVAL OF ADACOMPLIANT SLOTTED TRENCH GRATE.
2. TRENCH DRAIN DETAIL IS SCHEMATIC IN NATURE AND PROVIDED FOR ILLUSTRATIVE PURPOSES. ACTUAL APPROVED TRENCH DRAIN GRATE SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.



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

WHEELER RD SE
(LOCATION: MISSISSIPPI AVE SE
TO ALABAMA AVE SE)

PROJECT ENG. DAG
DESIGNED BY BLT
CHECKED BY DLL
DRAWN BY BLT/JC
PROJECT MGR. DLL

DIVISION CHIEF

TTRENCH DRAIN DETAIL

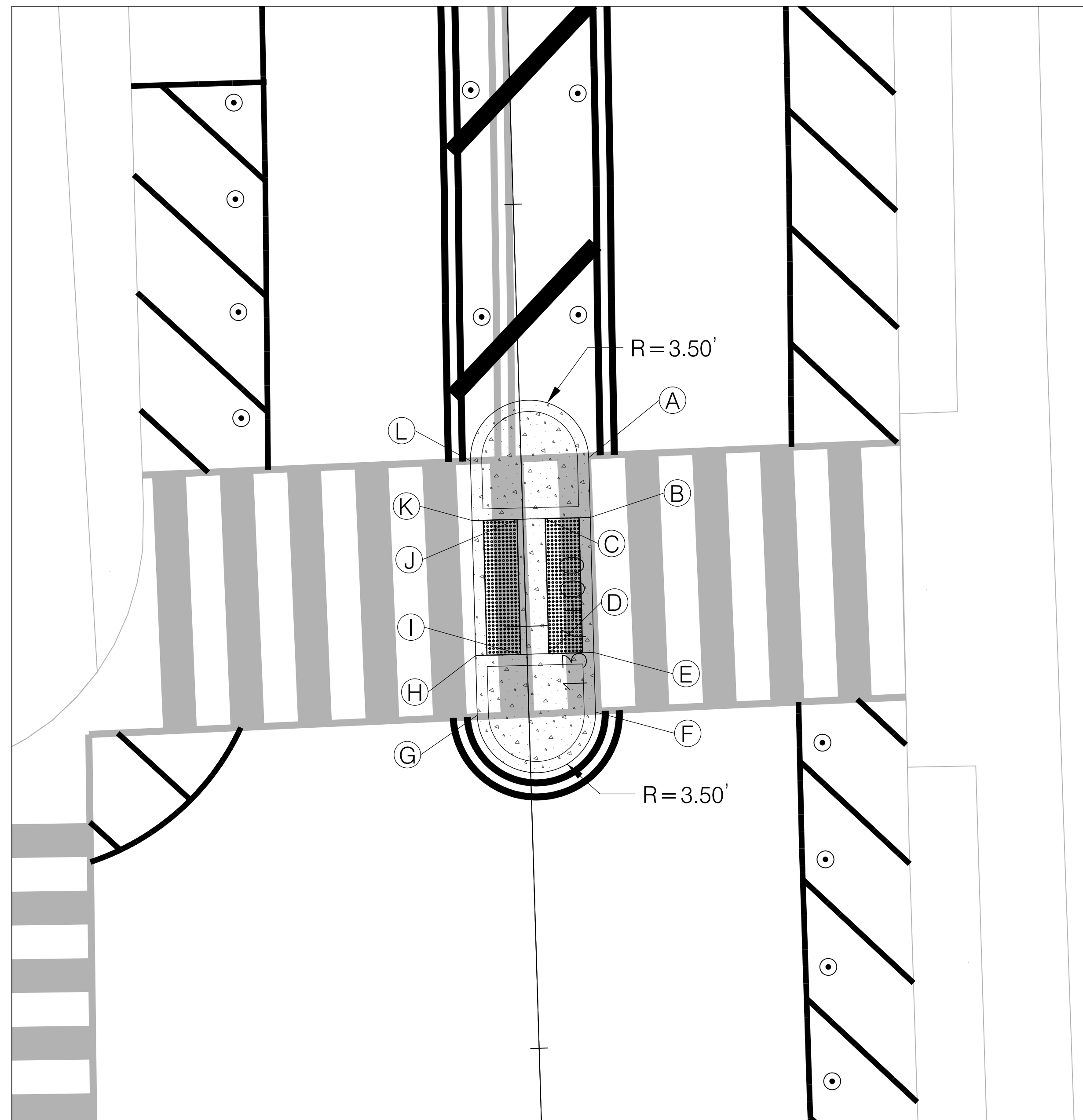
DATE JUNE 2022

FILE

SHEET 3 OF 13

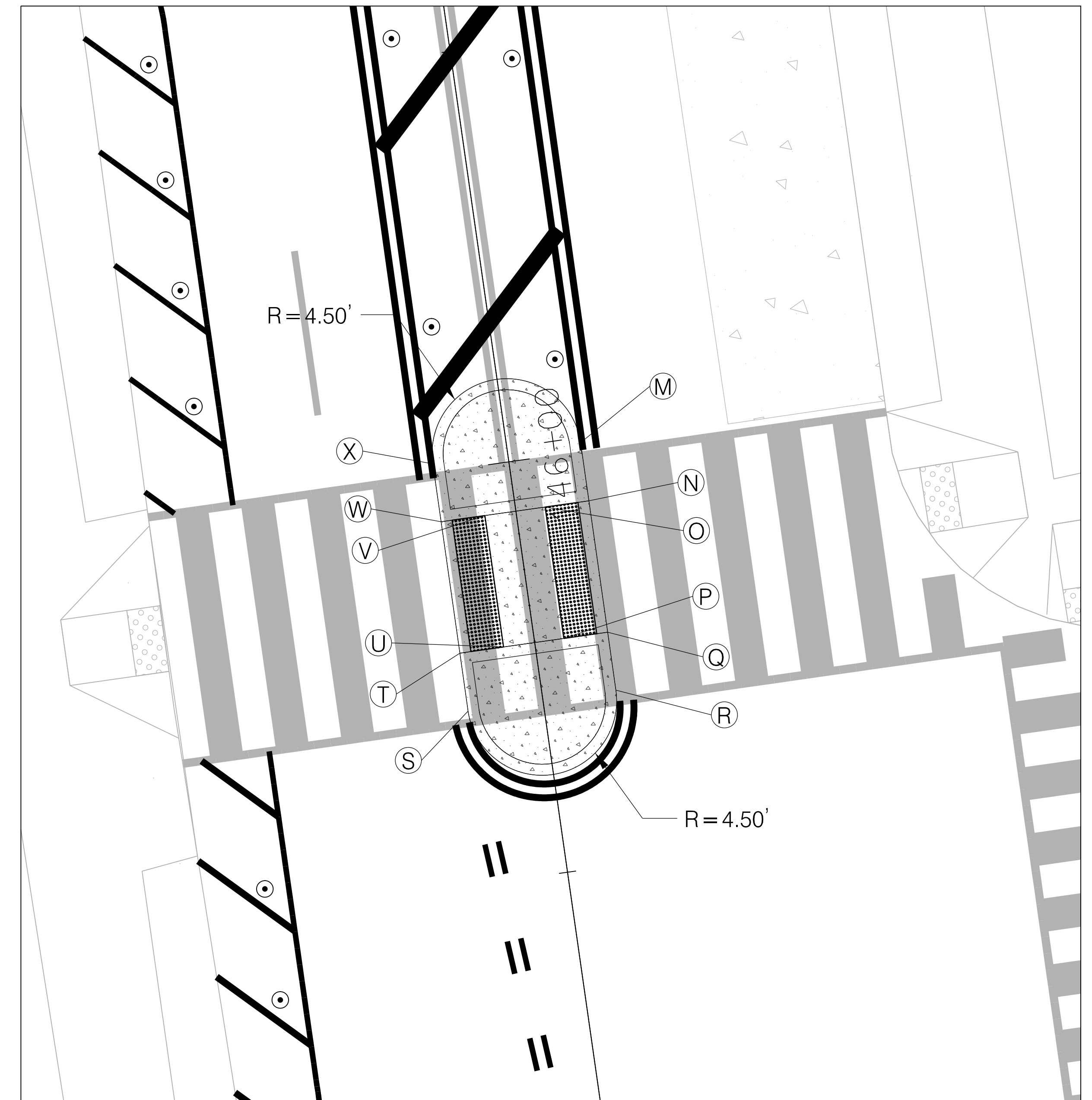


NO.	REVISIONS	DATE	BY



7'-WIDE MEDIAN REFUGE ISLAND LAYOUT DETAIL
SCALE 1' = 5'

RAISED MEDIAN LAYOUT DETAIL(S) KEY POINTS		
7'-WIDE MEDIAN REFUGE ISLAND		
POINT	STATION	OFFSET
A	137+09.87	4.00' RT
B	137+06.33	4.00' RT
C	137+06.34	1.32' RT
D	136+98.34	1.29' RT
E	136+98.33	3.96' RT
F	136+94.30	3.94' RT
G	136+94.82	3.06' LT
H	136+98.36	3.04' LT
I	136+98.35	0.38' LT
J	137+06.34	0.34' LT
K	137+06.36	3.01' LT
L	137+09.89	3.00' LT
9'-WIDE MEDIAN REFUGE ISLAND		
POINT	STATION	OFFSET
M	146+00.52	4.44' RT
N	145+96.99	4.44' RT
O	145+96.99	1.78' RT
P	145+88.99	1.77' RT
Q	145+88.99	4.44' RT
R	145+85.45	4.44' RT
S	145+85.45	4.56' LT
T	145+89.00	4.56' LT
U	145+88.99	1.89' LT
V	145+96.99	1.89' LT
W	145+97.00	4.56' LT
X	146+00.53	4.56' LT



9'-WIDE MEDIAN REFUGE ISLAND LAYOUT DETAIL
SCALE 1' = 5'

NOTES:

1. THE CENTERLINE ALIGNMENT PROVIDED FOR STATION AND OFFSET PURPOSES IS AN APPROXIMATION BASED UPON DDOT GIS INFORMATION PUBLISHED ON THE DC OPEN DATA SITE. A FIELD RUN TOPOGRAPHIC AND UTILITY WAS NOT PERFORMED, NOR WAS ANY HVCTRL INFORMATION ESTABLISHED.
2. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF ALL PLAN DIMENSIONS AND OTHER FEATURES PRIOR TO ORDERING MATERIALS OR BEGINNING CONSTRUCTION OF THESE ITEMS SHOWN ON THIS SHEET.
3. THE CONTRACTOR SHALL LAY OUT THE PROPOSED MEDIAN REFUGE ISLANDS USING TEMPORARY PAINT, AND RECEIVE APPROVAL OF LOCATION AND LAYOUT FROM DDOT TESD AND/OR THE ENGINEER PRIOR TO CONSTRUCTION.



NO.	DATE	DESCRIPTION

REVISIONS

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

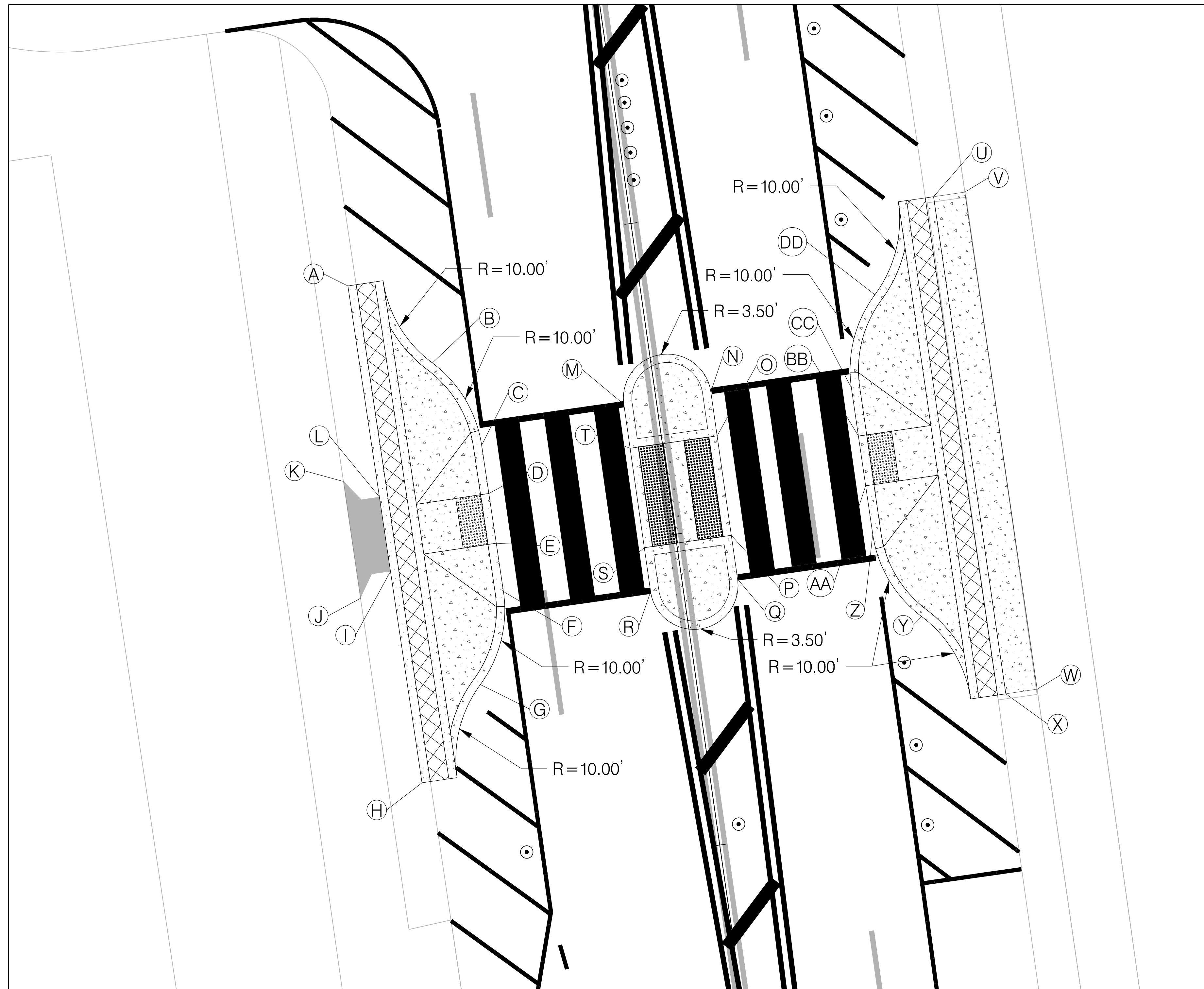
WHEELER RD SE
(LOCATION: MISSISSIPPI AVE SE TO
ALABAMA AVE SE)

MEDIAN REFUGE ISLAND
LAYOUT DETAILS

PROJECT ENG. DAG
DESIGNED BY TLBAJC
CHECKED BY BLT
DRAWN BY TLBAJC
PROJECT MGR. DLL

DIVISION CHIEF

DATE MARCH 2022
FILE bdr_wheeler_rd_se.dgn
SHEET 4 OF 13



CURB EXTENSIONS & MEDIAN REFUGE ISLAND LAYOUT DETAIL

SCALE 1" = 5'

NOTES:

1. THE CENTERLINE ALIGNMENT PROVIDED FOR STATION AND OFFSET PURPOSES IS AN APPROXIMATION BASED UPON DDOT GIS INFORMATION PUBLISHED ON THE DC OPEN DATA SITE. A FIELD RUN TOPOGRAPHIC AND UTILITY WAS NOT PERFORMED, NOR WAS ANY HVCTRL INFORMATION ESTABLISHED.
2. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF ALL PLAN DIMENSIONS AND OTHER FEATURES PRIOR TO ORDERING MATERIALS OR BEGINNING CONSTRUCTION OF THESE ITEMS SHOWN ON THIS SHEET.
3. THE CONTRACTOR SHALL LAY OUT THE PROPOSED CURB EXTENSIONS AND MEDIAN REFUGE ISLAND USING TEMPORARY PAINT, AND RECEIVE APPROVAL OF LOCATION AND LAYOUT FROM DDOT TESD AND/OR THE ENGINEER PRIOR TO CONSTRUCTION.

CURB EXTENSION #1 LAYOUT DETAIL KEY POINTS		
POINT	STATION	OFFSET
A	143 + 73.27	23.02' LT
B	143 + 66.24	17.23' LT
C	143 + 59.20	14.27' LT
D	143 + 55.31	14.25' LT
E	143 + 51.31	14.22' LT
F	143 + 47.43	14.20' LT
G	143 + 40.35	17.07' LT
H	143 + 33.27	22.78' LT
I	143 + 50.28	22.88' LT
J	143 + 48.50	25.55' LT
K	143 + 57.90	25.58' LT
L	143 + 56.28	22.92' LT

RAISED MEDIAN LAYOUT DETAIL KEY POINTS		
POINT	STATION	OFFSET
M	143 + 60.82	2.60' LT
N	143 + 60.82	4.40' RT
O	143 + 57.28	4.40' RT
P	143 + 49.28	4.40' RT
Q	143 + 45.76	4.40' RT
R	143 + 45.76	2.60' LT
S	143 + 49.28	2.60' LT
T	143 + 57.28	2.60' LT

CURB EXTENSION #2 LAYOUT DETAIL KEY POINTS		
POINT	STATION	OFFSET
U	143 + 73.70	24.17' RT
V	143 + 73.71	26.69' RT
W	143 + 33.71	26.79' RT
X	143 + 33.69	24.26' RT
Y	143 + 40.74	18.50' RT
Z	143 + 47.79	15.56' RT
AA	143 + 51.68	15.55' RT
BB	143 + 55.68	15.54' RT
CC	143 + 59.56	15.53' RT
DD	143 + 66.63	18.43' RT

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

WHEELER RD SE
(LOCATION: MISSISSIPPI AVE SE TO
ALABAMA AVE SE)

CURB EXTENSIONS & MEDIAN
REFUGE ISLAND LAYOUT DETAIL

PROJECT ENG. DAG
DESIGNED BY TLBAJC
CHECKED BY BLT
DRAWN BY TLBAJC
PROJECT MGR. DLL

DIVISION CHIEF

DATE MARCH 2022
FILE bdr_wheeler_rd_se.dgn
SHEET 5 OF 13



REVISIONS

PAVEMENT MARKING QUANTITIES

ITEM	QUANTITY	UNIT
THERMOPLASTIC PAVEMENT MARKINGS - STRIPING		
4" WHITE THERMOPLASTIC PAVEMENT MARKING - SOLID	2750	LF
4" WHITE THERMOPLASTIC PAVEMENT MARKING - SOLID (ANGLED 45 DEG, NO PARKING ZONE)	1600	LF
4" WHITE THERMOPLASTIC PAVEMENT MARKING - DASHED (2' STRIPE, 4' SKIP)*	170	LF
4" WHITE THERMOPLASTIC PAVEMENT MARKING - DASHED (3' STRIPE, 9' SKIP)*	80	LF
4" DOUBLE YELLOW THERMOPLASTIC PAVEMENT MARKING - SOLID	2600	LF
4" DOUBLE YELLOW THERMOPLASTIC PAVEMENT MARKING - DASHED (2' STRIPE, 4' SKIP)*	40	LF
6" WHITE THERMOPLASTIC PAVEMENT MARKING - SOLID	50	LF
12" WHITE THERMOPLASTIC PAVEMENT MARKING - SOLID (STOP BAR)	20	LF
12" YELLOW THERMOPLASTIC PAVEMENT MARKING - SOLID (ANGLED 45 DEG, MEDIAN)	700	LF
24" WHITE THERMOPLASTIC PAVEMENT MARKING - SOLID (CROSSWALK MARKING)	100	LF
WHITE THERMOPLASTIC PAVEMENT MARKING - SYMBOLS		
"SCHOOL" TEXT SYMBOL	4	EA
"ONLY" TEXT SYMBOL	1	EA
MERGE-LANE ARROW SYMBOL	2	EA
LEFT-TURN ONLY ARROW SYMBOL	4	EA
BUFFER MATERIALS		
TUFF CURB POST	30	EA
YELLOW FLEXIBLE CHANNELIZER POST	140	EA
WHITE FLEXIBLE CHANNELIZER POST	120	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

WHEELER RD SE
(LOCATION: MISSISSIPPI AVE SE
TO ALABAMA AVE SE)

PROJECT ENG. DAG
DESIGNED BY BLT
CHECKED BY DLL
DRAWN BY BLT/JC
PROJECT MGR. DLL

DIVISION CHIEF

PAVEMENT MARKING QUANTITIES

DATE JUNE 2022

FILE

SHEET 6 OF 13



REVISIONS

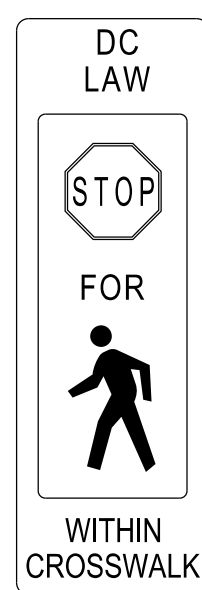
SIGNING QUANTITIES

Sign Designation	MUTCD/DDOT	Sign Type	Use	Sign or Plaque Description	Quantity	Panel Dimensions (IN)		Panel Area	Total Area (SF)
						W	H		
R1-6A	DDOT	Regulatory	Motor Vehicle	Stop for Pedestrians within Crosswalk	4	12	36	3.00	12.00
R3-8 (MOD)	MUTCD	Regulatory	Motor Vehicle	Lane Assignment	2	30	30	6.25	12.50
R7-1	DDOT	Regulatory	Motor Vehicle	No Parking Anytime	12	12	18	1.50	18.00
R7-1 (L)	DDOT	Regulatory	Motor Vehicle	No Parking Anytime (Left Arrow)	7	12	18	1.50	10.50
R7-1 (R)	DDOT	Regulatory	Motor Vehicle	No Parking Anytime (Right Arrow)	7	12	18	1.50	10.50
R7-7A (L)	DDOT	Regulatory	Motor Vehicle	No Parking Transit (Left Arrow)	7	12	18	1.50	10.50
R7-7A (R)	DDOT	Regulatory	Motor Vehicle	No Parking Transit (Right Arrow)	6	12	18	1.50	9.00
R10-15aL	MUTCD/DDOT	Regulatory	Motor Vehicle	Turning Vehicles Stop for Peds	2	30	30	6.25	12.50
CUSTOM-1	MUTCD/DDOT	Regulatory	Motor Vehicle	No Parking School PUDO	1	12	18	1.50	1.50
W4-2 (R)	MUTCD	Warning	Motor Vehicle	Lane Ends Warning	1	30	30	6.25	6.25
W9-2 (R)	MUTCD	Warning	Motor Vehicle	Lane Ends Merge Right Warning	1	30	30	6.25	6.25
W11-2	MUTCD	Warning	Motor Vehicle	Pedestrian Crossing Warning	3	30	30	6.25	18.75
W16-7p (L)	MUTCD	Warning	Motor Vehicle	Arrow Plaque (Left)	1	24	12	2.00	2.00
W16-7p (R)	MUTCD	Warning	Motor Vehicle	Arrow Plaque (Right)	4	24	12	2.00	8.00
Total:								138.25	

ITEM	QUANTITY	UNIT
Sign Post	27	EA

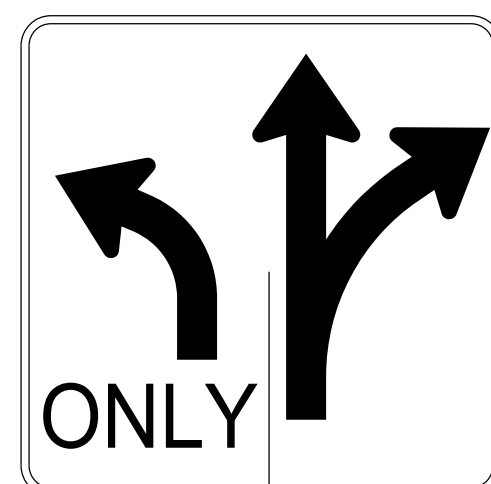
SIGNING DETAILS

12" W x 36" H



R1-6A
N.T.S.

30" W x 30" H



R3-8 (MOD)
N.T.S.

12" W x 18" H



R7-1
N.T.S.

12" W x 18" H



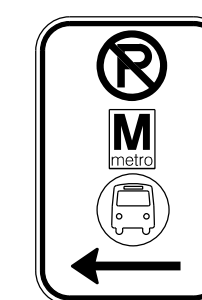
R7-1 (L)
N.T.S.

12" W x 18" H



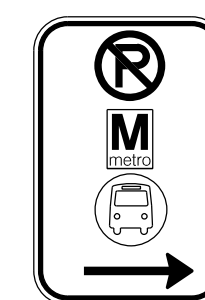
R7-1 (R)
N.T.S.

12" W x 18" H



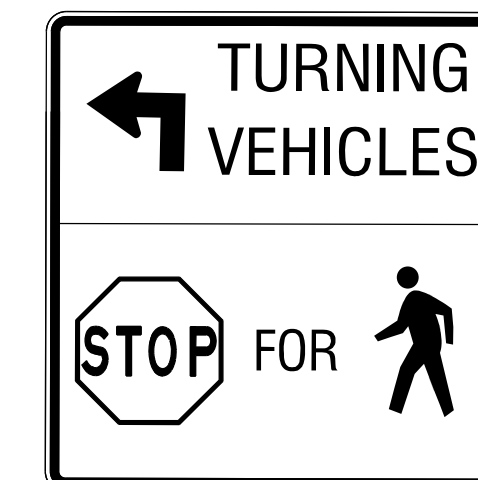
R7-7A (L)
N.T.S.

12" W x 18" H



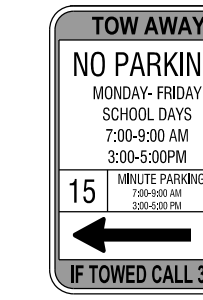
R7-7A (R)
N.T.S.

30" W x 30" H



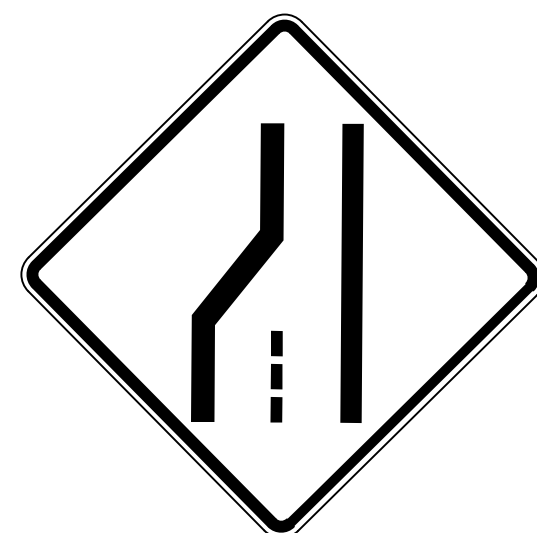
R10-15aL
N.T.S.

12" W x 18" H



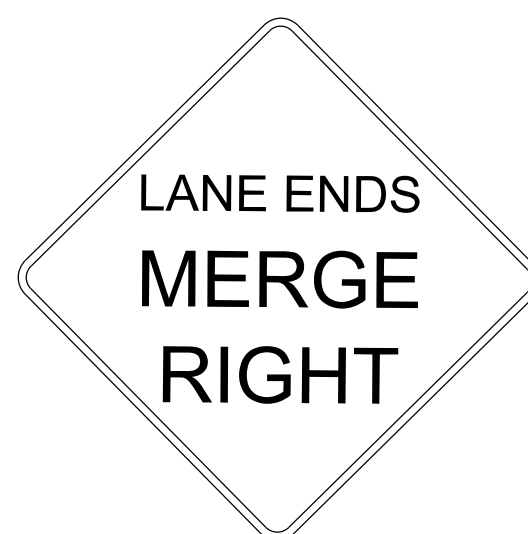
CUSTOM-1
N.T.S.

30" W x 30" H



W4-2 (R)
N.T.S.

30" W x 30" H



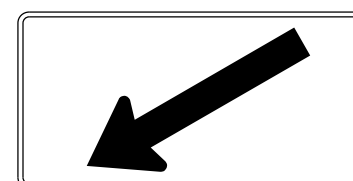
W9-2 (R)
N.T.S.

30" W x 30" H



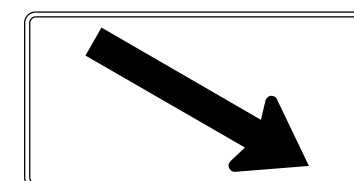
W11-2
N.T.S.

24" W x 12" H



W16-7p (L)
N.T.S.

24" W x 12" H



W16-7p (R)
N.T.S.

REVISIONS

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

WHEELER RD SE
(LOCATION: MISSISSIPPI AVE TO
ALABAMA AVE SE)

SIGNING QUANTITIES
AND DETAILS

PROJECT ENG. DAG
DESIGNED BY BLT
CHECKED BY DLL
DRAWN BY BLT/JC
PROJECT MGR. DLL

DIVISION CHIEF

DATE JUNE 2022
FILE
SHEET 7 OF 13

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		
R1-6A	DDOT	Regulatory	Motor Vehicle	Stop for Pedestrians within Crosswalk	2	12	36	3.00	6.00
R7-1 (L)	DDOT	Regulatory	Motor Vehicle	No Parking Anytime (Left Arrow)	2	12	18	1.50	3.00
R7-1 (R)	DDOT	Regulatory	Motor Vehicle	No Parking Anytime (Right Arrow)	1	12	18	1.50	1.50
R7-7A (L)	DDOT	Regulatory	Motor Vehicle	No Parking Transit (Left Arrow)	2	12	18	1.50	3.00
R7-7A (R)	DDOT	Regulatory	Motor Vehicle	No Parking Transit (Right Arrow)	3	12	18	1.50	4.50
R7-7A	DDOT	Regulatory	Motor Vehicle	No Parking Transit (Dual Arrow)	1	12	18	1.50	1.50
CUSTOM-1	DDOT	Regulatory	Motor Vehicle	No Parking School PUDO (Dual Arrow)	7	12	18	1.50	10.50
S1-1	MUTCD	Warning	Motor Vehicle	School Crossing	1	36	36	9.00	9.00
W3-3	MUTCD	Warning	Motor Vehicle	Signal Ahead	2	30	30	6.25	12.50
W7-5	MUTCD	Warning	Bicycle	Hill	1	30	30	6.25	6.25
W11-2	MUTCD	Warning	Motor Vehicle	Pedestrian Crossing Warning	3	30	30	6.25	18.75
W13-1p	MUTCD	Warning	Motor Vehicle	Advisory Speed Plaque	1	18	18	2.25	2.25
W16-7p (L)	MUTCD	Warning	Motor Vehicle	Arrow Plaque (Left)	1	24	12	2.00	2.00
W16-7p (R)	MUTCD	Warning	Motor Vehicle	Arrow Plaque (Right)	1	24	12	2.00	2.00
W16-15p	MUTCD	Warning	Motor Vehicle	New Plaque	2	24	12	2.00	4.00
CUSTOM-2	MUTCD	Warning	Motor Vehicle	Blind Pedestrian	3	30	30	6.25	18.75
								Total:	105.50

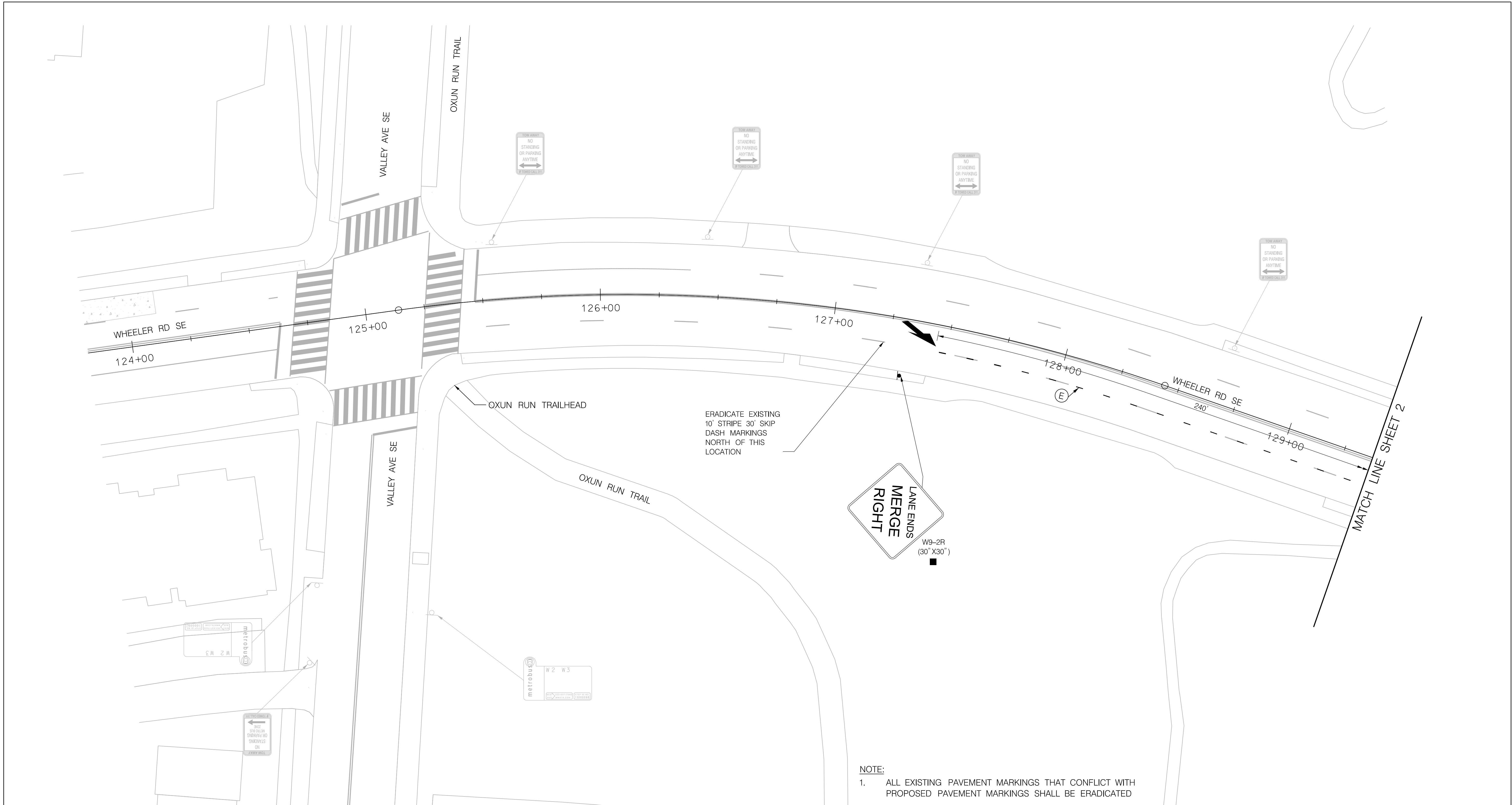
ITEM	QUANTITY	UNIT
Existing Sign Post	13	EA



NO.	DESCRIPTION	DATE

REVISIONS

D.C. DEPARTMENT OF TRANSPORTATION PLANNING AND SUSTAINABILITY DIVISION ACTIVE TRANSPORTATION PROGRAM	
WHEELER RD SE (LOCATION: MISSISSIPPI AVE TO ALABAMA AVE SE)	PROJECT ENG. <u> DAG </u> DESIGNED BY <u> BLT </u> CHECKED BY <u> DLL </u> DRAWN BY <u> BLT/JC </u> PROJECT MGR. <u> DLL </u>
SIGN REMOVAL QUANTITIES	DIVISION CHIEF DATE <u> JUNE 2022 </u> FILE <u> </u> SHEET <u> 8 </u> OF <u> 13 </u>

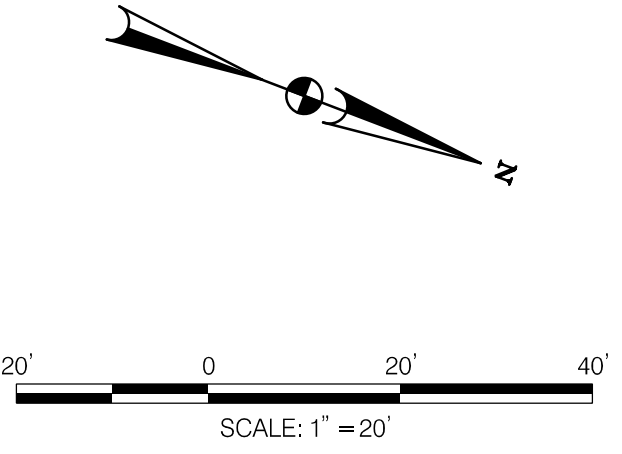


NOTE:
 1. ALL EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH PROPOSED PAVEMENT MARKINGS SHALL BE ERADICATED

SIGNING & PAVEMENT MARKINGS LEGEND

- (A) 4" SOLID WHITE THERMOPLASTIC PAVEMENT MARKINGS
- (B) 4" DOUBLE SOLID YELLOW THERMOPLASTIC PAVEMENT MARKINGS
- (C) 4" SOLID WHITE THERMOPLASTIC PAVEMENT MARKINGS, ANGLED 45 DEGREES TO EDGE LINE, SPACED 5' O.C.
- (D) 4" DASHED WHITE THERMOPLASTIC PAVEMENT MARKINGS (2' STRIPE, 4' SKIP)
- (E) 4" DASHED WHITE THERMOPLASTIC PAVEMENT MARKINGS (3' STRIPE, 9' SKIP)
- (F) 4" DOUBLE DASHED YELLOW THERMOPLASTIC PAVEMENT MARKINGS (2' STRIPE, 4' SKIP)
- (G) 12" SOLID YELLOW THERMOPLASTIC PAVEMENT MARKINGS, ANGLED 45 DEGREES TO EDGE LINE, SPACED 5' O.C.
- (H) 12" SOLID WHITE THERMOPLASTIC PAVEMENT MARKINGS

- (I) HIGH VISIBILITY CROSSWALK MARKING (6" SOLID WHITE THERMOPLASTIC EDGE LINE WITH 24" SOLID WHITE THERMOPLASTIC TRANSVERSE PAVEMENT MARKINGS, TYP)
- SCHOOL** SCHOOL THERMOPLASTIC PAVEMENT MARKING
- LANE ONLY** LANE ASSIGNMENT THERMOPLASTIC MARKINGS
- X EXISTING SIGN TO BE REMOVED
- EXISTING SIGN TO BE RELOCATED
- △ EXISTING SIGN RELOCATED TO THE NEW POST
- NEW SIGN TO BE INSTALLED ON EXISTING POST OR EX. SIGNAL/LIGHT POLE
- NEW SIGN TO BE INSTALLED ON NEW POST
- ⦿ NEW FLEXPOST TO BE INSTALLED

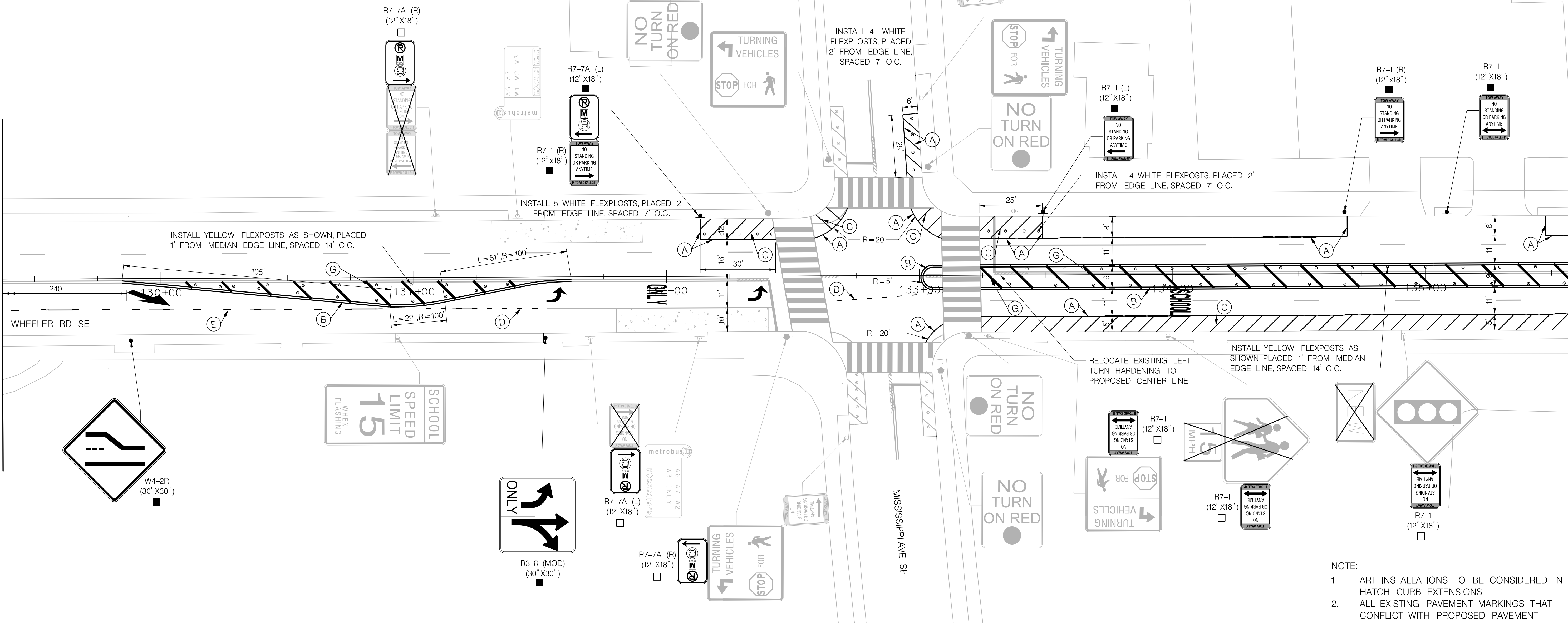


NO.	DESCRIPTION	NAME	DATE

D.C. DEPARTMENT OF TRANSPORTATION PLANNING AND SUSTAINABILITY DIVISION ACTIVE TRANSPORTATION PROGRAM	
WHEELER RD SE (LOCATION: MISSISSIPPI AVE SE TO ALABAMA AVE SE)	PROJECT ENG. <u> </u> DAG DESIGNED BY <u> </u> AJC CHECKED BY <u> </u> BLT DRAWN BY <u> </u> BLT/AJC PROJECT MGR. <u> </u> DLL
SIGNING AND STRIPING LAYOUT PLANS (SHEET 1 OF 5)	
DIVISION CHIEF DATE <u> </u> JUNE 2022 <u> </u> FILE <u> </u> SHEET 5 OF 9	

MATCH LINE SHEET 1

MATCH LINE SHEET 3

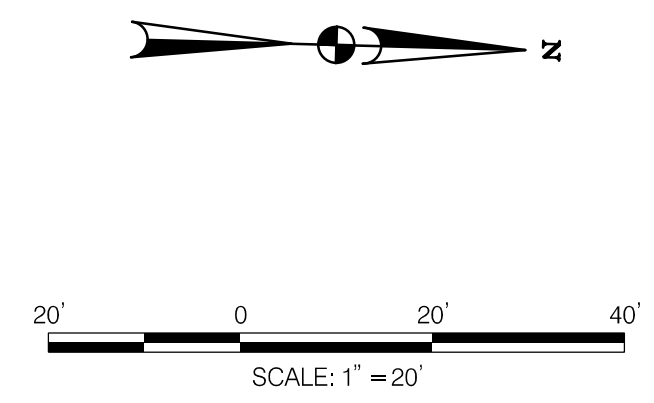


- NOTE:**
- ART INSTALLATIONS TO BE CONSIDERED IN HATCH CURB EXTENSIONS
 - ALL EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH PROPOSED PAVEMENT MARKINGS SHALL BE ERADICATED

SIGNING & PAVEMENT MARKINGS LEGEND

- (A) 4" SOLID WHITE THERMOPLASTIC PAVEMENT MARKINGS
- (B) 4" DOUBLE SOLID YELLOW THERMOPLASTIC PAVEMENT MARKINGS
- (C) 4" SOLID WHITE THERMOPLASTIC PAVEMENT MARKINGS, ANGLED 45 DEGREES TO EDGE LINE, SPACED 5' O.C.
- (D) 4" DASHED WHITE THERMOPLASTIC PAVEMENT MARKINGS (2' STRIPE, 4' SKIP)
- (E) 4" DASHED WHITE THERMOPLASTIC PAVEMENT MARKINGS (3' STRIPE, 9' SKIP)
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- (H) 12" SOLID WHITE THERMOPLASTIC PAVEMENT MARKINGS

- (I) HIGH VISIBILITY CROSSWALK MARKING (6" SOLID WHITE THERMOPLASTIC EDGE LINE WITH 24" SOLID WHITE THERMOPLASTIC TRANSVERSE PAVEMENT MARKINGS, TYP)
- SCHOOL THERMOPLASTIC PAVEMENT MARKING
- LANE ASSIGNMENT THERMOPLASTIC MARKINGS
- X EXISTING SIGN TO BE REMOVED
- EXISTING SIGN TO BE RELOCATED
- △ EXISTING SIGN RELOCATED TO THE NEW POST
- NEW SIGN TO BE INSTALLED ON EXISTING POST OR EX. SIGNAL/LIGHT POLE
- NEW SIGN TO BE INSTALLED ON NEW POST
- NEW FLEXPOST TO BE INSTALLED



NO.	DESCRIPTION	NAME	DATE

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

**WHEELER RD SE
(LOCATION: MISSISSIPPI AVE SE TO
ALABAMA AVE SE)**

**SIGNING AND STRIPING
LAYOUT PLANS (SHEET 2 OF 5)**

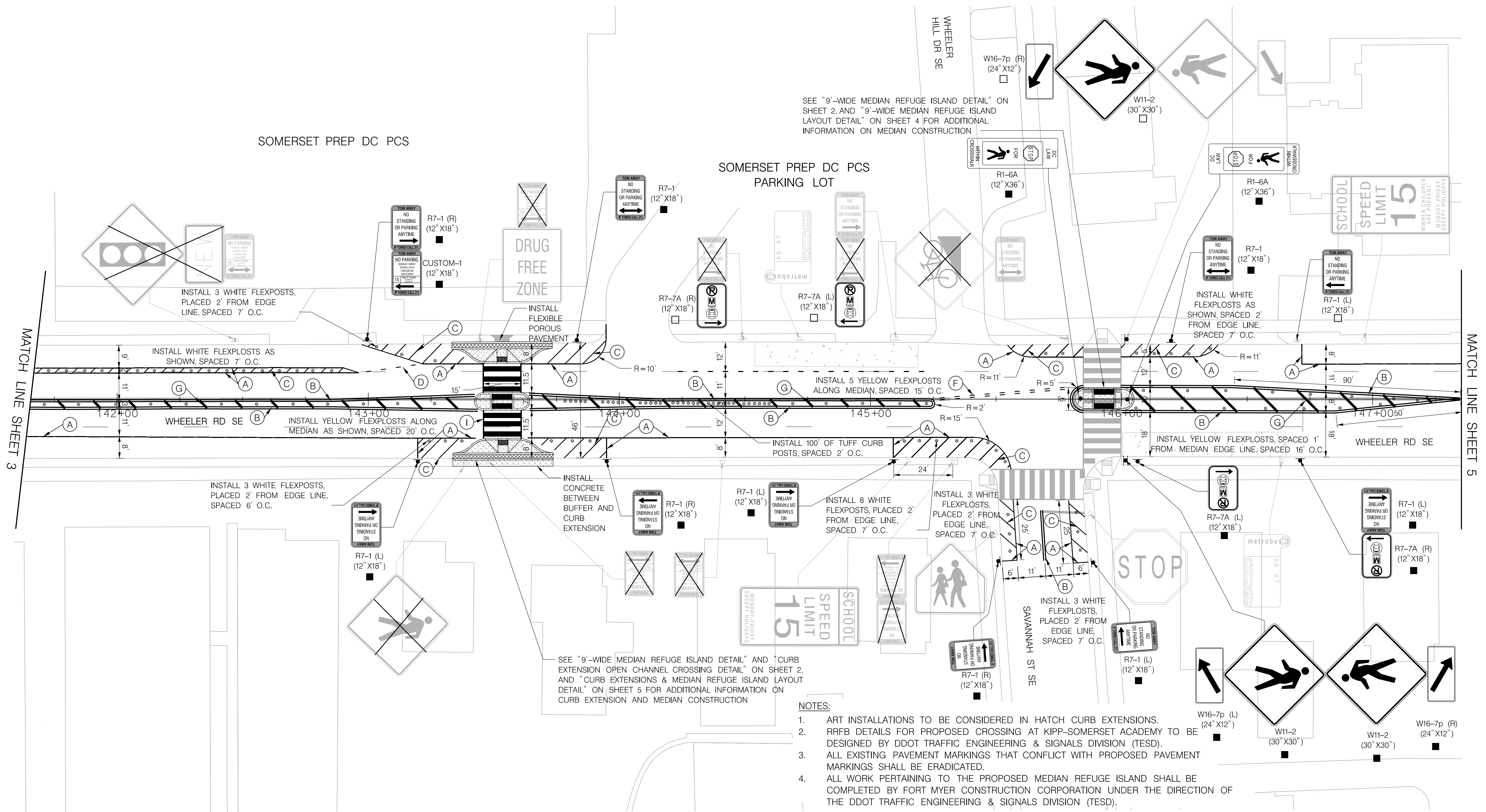
PROJECT ENG. <u> DAG </u>	DESIGNED BY <u> TLBAJC </u>
CHECKED BY <u> BLT </u>	DRAWN BY <u> TLBAJC </u>
PROJECT MGR. <u> DLL </u>	
DIVISION CHIEF	
DATE <u> JUNE 2022 </u>	
FILE <u> bdr_wheeler_rd_se.dgn </u>	
SHEET <u> 6 </u> OF <u> 9 </u>	

MATCH LINE SHEET 3

MATCH LINE SHEET 5

SOMERSET PREP DC PCS

SOMERSET PREP DC PCS
PARKING LOT



SEE "9'-WIDE MEDIAN REFUGE ISLAND DETAIL" ON SHEET 2, AND "9'-WIDE MEDIAN REFUGE ISLAND LAYOUT DETAIL" ON SHEET 4 FOR ADDITIONAL INFORMATION ON MEDIAN CONSTRUCTION

SEE "9'-WIDE MEDIAN REFUGE ISLAND DETAIL" AND "CURB EXTENSION OPEN CHANNEL CROSSING DETAIL" ON SHEET 2, AND "CURB EXTENSIONS & MEDIAN REFUGE ISLAND LAYOUT DETAIL" ON SHEET 5 FOR ADDITIONAL INFORMATION ON CURB EXTENSION AND MEDIAN CONSTRUCTION

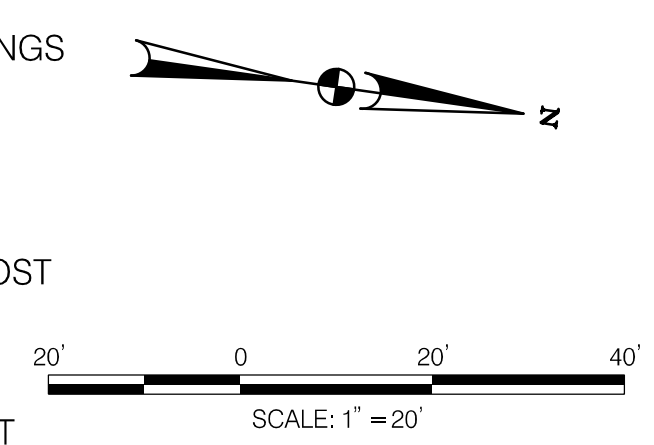
NOTES:

- ART INSTALLATIONS TO BE CONSIDERED IN HATCH CURB EXTENSIONS.
- RRFB DETAILS FOR PROPOSED CROSSING AT KIPP-SOMERSET ACADEMY TO BE DESIGNED BY DDOT TRAFFIC ENGINEERING & SIGNALS DIVISION (TESD).
- ALL EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH PROPOSED PAVEMENT MARKINGS SHALL BE ERADICATED.
- ALL WORK PERTAINING TO THE PROPOSED MEDIAN REFUGE ISLAND SHALL BE COMPLETED BY FORT MYER CONSTRUCTION CORPORATION UNDER THE DIRECTION OF THE DDOT TRAFFIC ENGINEERING & SIGNALS DIVISION (TESD).

SIGNING & PAVEMENT MARKINGS LEGEND

- (A) 4" SOLID WHITE THERMOPLASTIC PAVEMENT MARKINGS
- (B) 4" DOUBLE SOLID YELLOW THERMOPLASTIC PAVEMENT MARKINGS
- (C) 4" SOLID WHITE THERMOPLASTIC PAVEMENT MARKINGS, ANGLED 45 DEGREES TO EDGE LINE, SPACED 5' O.C.
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- (I) HIGH VISIBILITY CROSSWALK MARKING (6" SOLID WHITE THERMOPLASTIC EDGE LINE WITH 24" SOLID WHITE THERMOPLASTIC TRANSVERSE PAVEMENT MARKINGS, TYP)
- SCHOOL SCHOOL THERMOPLASTIC PAVEMENT MARKING
- ONLY LANE ASSIGNMENT THERMOPLASTIC MARKINGS
- X EXISTING SIGN TO BE REMOVED
- O EXISTING SIGN TO BE RELOCATED
- △ EXISTING SIGN RELOCATED TO THE NEW POST
- NEW SIGN TO BE INSTALLED ON EXISTING POST OR EX. SIGNALLIGHT POLE
- NEW SIGN TO BE INSTALLED ON NEW POST
- NEW FLEXPOST TO BE INSTALLED



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

WHEELER RD SE
(LOCATION: MISSISSIPPI AVE SE TO
ALABAMA AVE SE)

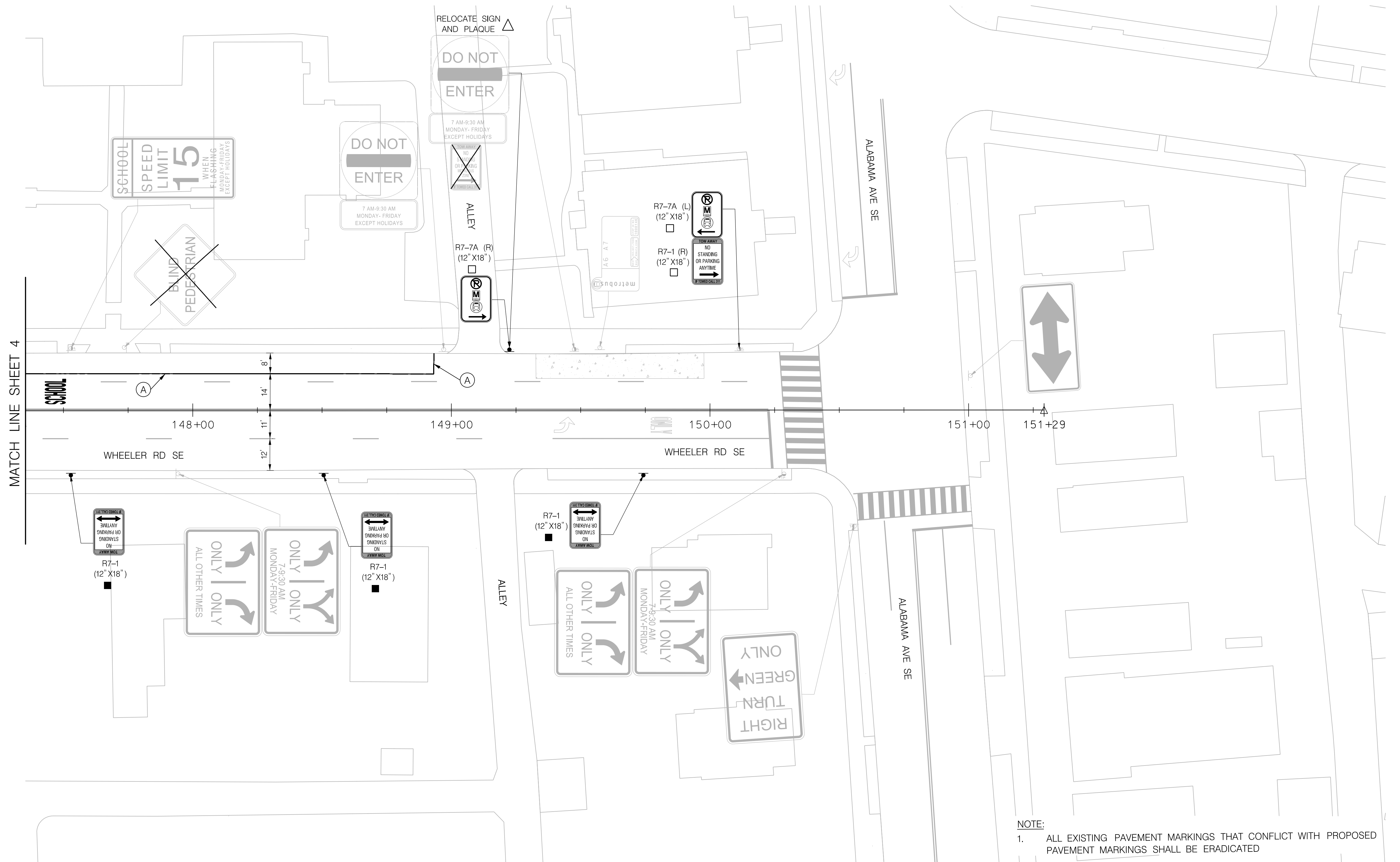
SIGNING AND STRIPING
LAYOUT PLANS (SHEET 4 OF 5)

PROJECT ENG. <u>DAG</u>	DIVISION CHIEF
DESIGNED BY <u>TLBAJC</u>	
CHECKED BY <u>BLT</u>	
DRAWN BY <u>TLBAJC</u>	
PROJECT MGR. <u>DLL</u>	
DATE <u>JUNE 2022</u>	
FILE <u>bd_r_wheeler_rd_se.dgn</u>	
SHEET <u>12</u> OF <u>13</u>	



NO.	DESCRIPTION	NAME	DATE

REVISIONS

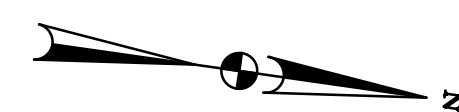


NOTE:
 1. ALL EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH PROPOSED PAVEMENT MARKINGS SHALL BE ERADICATED

SIGNING & PAVEMENT MARKINGS LEGEND

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- LANE ASSIGNMENT THERMOPLASTIC MARKINGS
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- EXISTING SIGN TO BE RELOCATED
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- NEW SIGN TO BE INSTALLED ON NEW POST
- NEW FLEXPOST TO BE INSTALLED



NO.	DESCRIPTION	NAME	DATE

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

**WHEELER RD SE
 (LOCATION: MISSISSIPPI AVE SE TO
 ALABAMA AVE SE)**

**SIGNING AND STRIPING
 LAYOUT PLANS (SHEET 5 OF 5)**

PROJECT ENG. <u> </u> DAG DESIGNED BY <u> </u> TLBAJC CHECKED BY <u> </u> BLT DRAWN BY <u> </u> TLBAJC PROJECT MGR. <u> </u> DLL	DIVISION CHIEF
DATE <u> </u> JUNE 2022 FILE <u> </u> bdr_wheeler_rd_se.dgn	SHEET 13 OF 13