DISTRICT OF COLUMBIA
DEPARTMENT OF TRANSPORTATION

PLANS OF REVISED

M STREET, N.W.
CYCLE TRACK

FROM PENNSYLVANIA AVENUE, N.W.
TO MASSACHUSETTS AVENUE, N.W.

LENGTH OF PROJECT = 6,970 FT = 1.32 MILES

50% SUBMITTAL: JANUARY, 2013
NOT FOR CONSTRUCTION
GENERAL NOTES
1. ALL CONSTRUCTION MATERIALS AND PROCEDURES SHALL BE GOVERNED BY THE STANDARD SPECIFICATIONS FOR HIGHWAYS AND STRUCTURES DATED 2009, ISSUED BY THE DISTRICT OF COLUMBIA DEPARTMENT OF TRANSPORTATION EXCEPT AS AMENDED BY THE SPECIAL PROVISIONS.
2. THE CONTRACTOR IS RESPONSIBLE FOR CONTRACTING MISS UTILITY PRIOR TO BEGINNING WORK. ANY DAMAGE TO UTILITIES MUST BE REPAIRED OR REPLACED BY THE CONTRACTOR AT HIS OWN EXPENSE.
3. THE CONTRACTOR SHALL TAKE ADEQUATE PRECAUTION TO PROTECT ALL WALKS, GRADING, SIDEWALKS AND FEATURES OUTSIDE THE LIMITS OF WORK AND SHALL REPAIR AND REPLACE OR OTHERWISE MAKE GOOD AS DIRECTED BY THE ENGINEER ANY SUCH OR OTHER DAMAGE SO CAUSED.
4. ALL STRIPING AND SIGN WORK SHALL MEET ALL APPLICABLE DOT STANDARDS AND SPECIFICATIONS AND 2009 MANUAL ON UNIFORM TRAFFIC CONTROL (MUTCD) REQUIREMENTS.

SIGNING AND PAVEMENT MARKINGS
5. ALL PAVEMENT MARKINGS ARE THERMOPLASTIC UNLESS OT-IERWISE NOTED.
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 DOT.
7. FIRE HYDRANTS - NOT ALL FIRE HYDRANTS HAVE BEEN LOCATED FOR THIS STRIPING PLAN. FIELD VERIFY FIRE HYDRANT LOCATIONS AND STRIPE NO PARKING ZONE FOR 10 FEET ON EITHER SIDE OF FIRE HYDRANT. IF HYDRANT IS LOCATED WITHIN 40 FEET OF A CROSSWALK ON APPROACH SIDE, EXTEND NO PARKING ZONE STRIPING TO 10 FEET BEYOND FIRE HYDRANT. FOR DEPARTURE SIDE OF ROAD, IF HYDRANT IS LOCATED WITHIN 20 FEET OF CROSSWALK, EXTEND NO PARKING ZONE STRIPING TO 10 FEET BEYOND FIRE HYDRANT. SEE TYPICAL LANE STRIPING DETAIL ON THE STRIPING DETAILS SHEET FOR TYPICAL FIRE HYDRANT TREATMENT.
8. DRIVEWAYS - NOT ALL DRIVEWAYS HAVE BEEN LOCATED FOR THIS STRIPING PLAN. FIELD VERIFY DRIVEWAY LOCATIONS BEFORE APPLYING STRIPING.
9. ALL SIGNS SHALL BE HIGH INTENSITY SHEETING MEETING THE REQUIREMENTS OF AASHTO M268.
10. PROPOSED SIGNS SHALL BE INSTALLED SO THAT NO PORTION OF THE SIGN PANEL OVERHANGS ADJACENT ROADWAY PAVEMENT, I.E. SHALL NOT HANG IN FRONT OF A FACE OF CURB.
11. PROPOSED SIGN POSTS SHALL BE LOCATED A MINIMUM OF 2 FEET BEHIND ANY ADJACENT 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.
12. PROPOSED SIGNS AT NEW LOCATIONS SHALL BE INSTALLED SO THEY DO NOT BLOCK THE VISIBILITY OF ANY EXISTING SIGNS OR SIGNALS.
13. PROPOSED SIGNS AND POSTS SHALL BE CLEAR OF EXISTING FIRE HYDRANTS, SURFACE UTILITY, AND OVERHEAD UTILITY EQUIPMENT A MINIMUM OF 10 FEET.
14. FOR NEW POST INSTALLATION, THE CONTRACTOR SHALL VERIFY THAT THERE ARE NO CONFLICTING UNDERGROUND OR OVERHEAD UTILITIES.
15. SIGNS MOUNTED TO EXISTING LIGHT, SIGNAL OR UTILITY POLES SHALL BE FASTENED WITH A MANUFACTURED STEEL BANDING SYSTEM.
16. IF SIGN INSTALLATION IS SHOWN ON A POLE THAT IS NOT OWNED BY THE CITY, WRITTEN PERMISSION MUST BE OBTAINED FROM THE OWNER (UTILITY COMPANY OR PROPERTY OWNER). THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING REQUIRED PERMISSION.

MAINTENANCE OF TRAFFIC
17. MUTCD, DC TEMPORARY "RAFFIC CONTROL MANUAL (DC_TTCM) AND DDOT STANDARD DETAILS AND PROCEDURES FOR MAINTENANCE OF TRAFFIC SHALL BE USED FOR INSTALLATION OF SIGNS AND PAVEMENT MARKINGS INCLUDING DDOT STANDARD DRAWING 616.00-2 TYPICAL DRAWING 616.00-2 GENERAL NOTES AND 616.00-2 WORK ZONE CHANNELIZING DEVICES.
18. ALL EXISTING RESIDENTIAL AND COMMERCIAL DRIVEWAYS AND PUBLIC ALLEY ENTRANCES SHALL REMAIN OPEN AT ALL TIMES, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
19. FOR LOCATIONS WHERE THE WORK WILL BE COMPLETE WITHIN ONE WORKING DAY, THE CONTRACTOR SHALL UTILIZE SIGNS, BARRIERS, CHANNELIZING DEVICES, CHANGEABLE MESSAGE BOARDS, AND WARNING LIGHTS AS NECESSARY TO COMPLY WITH DDOT AND MUTCD REQUIREMENTS FOR INTERMEDIATE TERM STATIONARY WORK AND MOBILE WORK. SEE DDOT STANDARD DETAILS REFERENCED BELOW.
20. TEMPORARY "MOBILE" LANE CLOSURES UTILIZING VEHICLES WITH WARNING LIGHTS AND SIGNS PER MUTCD WILL BE ALLOWED FOR LANE CLOSURES WHERE THE WORK WILL BE COMPLETED WITHIN ONE WORKING DAY. FOR LOCATIONS WHERE THE WORK WILL NOT BE COMPLETE WITHIN ONE WORKING DAY OR OCCUR AT NIGHT, THE CONTRACTOR SHALL UTILIZE SIGNS, BARRIERS, CHANNELIZING DEVICES, CHANGEABLE MESSAGE BOARDS, AND WARNING LIGHTS AS NECESSARY TO COMPLY WITH DDOT AND MUTCD REQUIREMENTS FOR INTERMEDIATE TERM STATIONARY WORK. SEE DDOT STANDARD DETAILS REFERENCED BELOW.
21. MAINTENANCE OF TRAFFIC WORK SHALL BE IN ACCORDANCE WITH THE FOLLOWING STANDARD DETAILS:

D.C. DEPARTMENT OF TRANSPORTATION
POLICY, PLANNING, AND SUSTAINABILITY ADMINISTRATION
CITY BICYCLE AND PEDESTRIAN PROGRAM
M ST, N.W./CYCLE TRACK PROJECT
FROM PENNSYLVANIA AVE, N.W., TO MASSACHUSETTS AVE, N.W.

GENERAL NOTES

50% SUBMITTAL: JANUARY, 2013
NOT FOR CONSTRUCTION

DESCRIPTION DRAWN CHECKED DATED FILE

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### DETAIL OF PAVEMENT MARKINGS (IF SHOWN)

#### ROADWAY
1. **APPROACH LANE LINES TO A SIGNALIZED INTERSECTION - FOUR INCHES WIDE, SOLID WHITE LINES.**
   - **BEGIN AT STOP LINE AND CONTINUE FOR NINETY FEET UNLESS OTHERWISE NOTED.**

2. **BROKEN (DASH) LINES**
   - A. **FOUR INCHES WIDE, TEN FEET LONG; SKIP SPACES THIRTY FEET LONG.** THE LAST DASH LINE OF EACH BLOCK WILL VARY IN LENGTH - IF IT IS SHORTER THAN TEN FEET, CONNECT TO NEXT TO LAST DASH LINE.
   - B. **DASH LINES STOP ONE FOOT BEFORE CROSSWALK BACK EDGE LINE.**

3. **DOTTED LINES - SINGLE SOLID WHITE LINE, FOUR INCHES WIDE, TWO FEET LONG; SKIP SPACES FOUR FEET LONG.**
   - DOUBLE YELLOW LINE, FOUR INCHES WIDE, LOCATED FOUR INCHES APART; SKIP SPACES, FOUR FEET LONG.

4. **ARROW OR TEXT MARKINGS - SPACED THIRTY-TWO FEET APART, UNLESS OTHERWISE NOTED.**
   - SPACED FIFTEEN FEET FROM CROSSWALK.

#### BIKE LINES
1. **ADJACENT TO PARKING LANE - SOLID WHITE LINE, 4 INCHES WIDE UNLESS OTHERWISE NOTED.**
2. **ADJACENT TO TRAVEL LANE - SOLID WHITE LINE, 6 INCHES WIDE UNLESS OTHERWISE NOTED.**

#### STOP LINES
1. **ONE FOOT WIDE (UNLESS OTHERWISE NOTED), LOCATED SIX FEET BEFORE CROSSWALK.**

#### CROSSWALKS
1. **PEDESTRIAN CROSSWALK - TEN FEET WIDE, UNLESS OTHERWISE NOTED.**
   - A. **EDGE LINES - SOLID WHITE LINES, SIX INCHES WIDE.**
   - B. **STRIPED CROSSWALKS - TWO FOOT WIDE WHITE STRIPES WITH TWO FOOT WIDE SPACING.**
   - C. **ALL HANDICAP RAMPS MUST BE LOCATED WITHIN A CROSSWALK, INCLUDING SIDE FLARES OF RAMPS.**

#### PARKING STALLS
1. **SINGLE SOLID WHITE LINE, FOUR INCHES WIDE.**

#### NO PARKING ZONES/BUFFER
1. **OUTER BUFFER/PARKING AISLE EDGE - SINGLE SOLID WHITE LINE, FOUR INCHES WIDE, UNLESS OTHERWISE NOTED.**
2. **INNER BUFFER EDGE - SINGLE SOLID WHITE LINE, FOUR INCHES WIDE.**
3. **DIAGONAL OR CHEVRON BUFFER - SINGLE SOLID WHITE LINE, SIX INCHES WIDE, FORTY-FIVE DEGREE ANGLE, FIVE FOOT ON CENTER SPACING, UNLESS OTHERWISE NOTED.**

### MARKING LEGEND

<table>
<thead>
<tr>
<th>Existing</th>
<th>Proposed</th>
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<tbody>
<tr>
<td><img src="image1" alt="Sign and Post" /></td>
<td><img src="image2" alt="Bicycle Lane Symbol" /></td>
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<td><img src="image3" alt="Share Lane Symbol" /></td>
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<tr>
<td><img src="image5" alt="6&quot; Solid White Outside Bicycle Lane Line" /></td>
<td><img src="image6" alt="4&quot; Broken White Lane Line (10' Stripe, 30' Skip)" /></td>
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<td><img src="image7" alt="4&quot; Broken White Lane Line (2' Stripe, 4' Skip)" /></td>
<td><img src="image8" alt="4&quot; Dotted White Line (2' Stripe, 4' Skip)" /></td>
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<td><img src="image9" alt="4&quot; Solid Yellow Lane Line" /></td>
<td><img src="image10" alt="4&quot; Solid Yellow Centerline" /></td>
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<tr>
<td><img src="image11" alt="4&quot; Solid Yellow Centerline (2' Stripe, 4' Skip)" /></td>
<td><img src="image12" alt="4&quot; Double Solid Yellow Centerline (2' Stripe, 4' Skip)" /></td>
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<tr>
<td><img src="image13" alt="4&quot; Double Dotted Yellow Centerline" /></td>
<td><img src="image14" alt="4&quot; Solid Yellow Lane Line with 4&quot; Broken Yellow Lane Line (10' Stripe, 30' Skip)" /></td>
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<td><img src="image17" alt="12&quot; Stop Line" /></td>
<td><img src="image18" alt="Crosswalk with 6&quot; SWL for Parallel Lines and 2&quot; SWL" /></td>
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<td><img src="image21" alt="White Pavement Arrow and Text" /></td>
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<td><img src="image23" alt="New or Relocated Sign" /></td>
<td><img src="image24" alt="Existing Fire Hydrant" /></td>
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D.C. DEPARTMENT OF TRANSPORTATION
POLICY PLANNING AND SUSTAINABILITY ADMINISTRATION
BICYCLE AND PEDESTRIAN PROGRAM

M ST, N.W., CYCLE TRACK PROJECT
FROM PENNSYLVANIA AVE, N.W.,
TO MASSACHUSETTS AVE, N.W.

DETAIL SHEET: 1
DIMENSIONS, MATERIALS, AND ATTACHMENTS MAY VARY BETWEEN MANUFACTURERS.

INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

NOTE: 

1. CYCLE TRACK SYMBOL PLACEMENT NOTES:
2. DO NOT PLACE SYMBOLS ON LANE LINES.
3. PLACE LANE SYMBOLS WITHIN CENTER OF EACH CYCLE TRACK LANE.
4. SEE PLAN SHEETS FOR SYMBOL LOCATIONS.

NOTE: 

2. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
3. DIMENSIONS, MATERIALS, AND ATTACHMENTS MAY VARY BETWEEN MANUFACTURERS.

NOTES:

CHECKED BY

DESIGNED BY

PROJECT MGR.

FILE

D.C. DEPARTMENT OF TRANSPORTATION

POLICY, PLANNING, AND SUSTAINABILITY ADMINISTRATION

GPY

GPY

GPY

MJG

JAN 2013

20

TO MASSACHUSETTS AVE, N.W.
FROM PENNSYLVANIA AVE, N.W., M ST, N.W. CYCLE TRACK PROJECT

BIKE LANE SYMBOL

BIKE LANE SYMBOL

BIKE LANE SYMBOL

BIKE LANE SYMBOL

IN BIKE BOXES

IN BIKE BOXES

IN BIKE BOXES

IN BIKE BOXES

N.T.S.

N.T.S.

N.T.S.

N.T.S.

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POLICY, PLANNING, AND SUSTAINABILITY ADMINISTRATION

BICYCLE AND PEDESTRIAN PROGRAM

M ST, N.W. CYCLE TRACK PROJECT

FROM PENNSYLVANIA AVE, N.W.

TO MASSACHUSETTS AVE, N.W.

DETAIL SHEET- 2

26° WHITE FLEXIBLE CHANNELIZER

POST DETAIL

N.T.S.

N.T.S.

N.T.S.

N.T.S.

N.T.S.

N.T.S.

N.T.S.

N.T.S.
BIKE ROUTE SIGN DETAILS

D1-1 - "ADAMS MORGAN" SUBPLATE

D1-1 - "TAKOMA" SUBPLATE

D1-1 and D1-1a - 9" SUBPLATES

D1-1 - 6" SUBPLATES

BIKE ROUTE SIGN DETAILS

D.C. DEPARTMENT OF TRANSPORTATION
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BIKE AND PEDESTRIAN PROGRAM

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M ST, N.W. CYCLE TRACK PROJECT
FROM PENNSYLVANIA AVE, N.W.,
TO MASSACHUSETTS AVE, N.W.

DETAIL SHEET: 4
M STREET, NW

26TH STREET, NW

IF TOWED CALL 311

MONDAY-FRIDAY

7AM-6:30PM

NO PARKING

ONLY DIPLOMAT VEHICLES

2 VEHICLES

LIMOUSINE

SIGHTSEEING

NO PARKING ANYTIME

NO PARKING OR STANDING

NO PARKING

MONDAY-SATURDAY

7AM-6:30PM

PARKING HOUR

PAY TO PARK

MON-SAT

6:30PM-10PM

NO TIME LIMIT PARKING

STRIPING PLAN - 1

2013 TO MASSACHUSETTS AVE, N.W.
FROM PENNSYLVANIA AVE, N.W.
M ST, N.W. CYCLE TRACK PROJECT

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M STREET, NW CYCLE TRACK PROJECT
FROM PENNSYLVANIA AVE, N.W.
TO MASSACHUSETTS AVE, N.W.

STRIPING PLAN - 2

District Department of Transportation
M STREET, NW

25TH STREET, NW

BUS STOP

MATCHLINE SEE STRIPING PLAN - 2

MATCHLINE SEE STRIPING PLAN - 4

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M ST, NW CYCLE TRACK PROJECT
FROM PENNSYLVANIA AVE, N.W.
TO MASSACHUSETTS AVE, N.W.

District Department of Transportation

56'