Appendix A

30% Construction Documents
The Maryland-National Capital Park and Planning Commission

CAPITAL CRESCENT TRAIL

PEDESTRIAN CROSSING IMPROVEMENT PLANS

LITTLE FALLS PARKWAY: FROM ARLINGTON ROAD TO HILLANDALE ROAD

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LEGEND:

EXISTING CONTOUR
EXISTING TREE LINE
EXISTING TREES
PROPERTY LINE
EXISTING EDGE OF PAVEMENT
EXISTING STORM DRAINS
EXISTING FLEX POSTS
EXISTING GROUND MOUNTED SIGN
EXISTING TRAFFIC SIG. MOUNTED SIGNS
EXISTING SIGNAL POLE AND MAST ARM
EXISTING SIGNAL HEAD
EXISTING PEDESTRIAN SIGNAL
EXISTING GROUND MOUNTED CONTROL CABINET
EXISTING HAND BOX
EXISTING METER SERVICE PEDESTAL
EXISTING SIGNAL POLE MOUNTED LUMinaire
EXISTING STORM DRAIN
EXISTING ELECTRICAL (UNDERGROUND)
EXISTING ELECTRICAL (OVERHEAD)
EXISTING CURB AND GUTTER
EXISTING DETECTABLE WARNING SURFACE
LIMITS OF DISTURBANCE
PROPOSED TRAFFIC FLOW ARROW
PROPOSED CUT LINE
PROPOSED FILL LINE

General Notes:

1. Easements and right-of-ways to be constructed as shown on the drawings.
2. Except as otherwise shown on the drawings, all grading, drainage, and fill shall be in accordance with the approved plans and specifications.
3. Property lines shown on the drawings are tentative unless otherwise shown.
4. All construction work shall be performed in accordance with the legal description of land, and the State of Maryland, the laws of the State of Maryland, and the laws of the United States of America.
5. The General Contractor shall submit to the Board of Engineers for the County of Montgomery, Maryland, the schedules and drawings of all work performed on the site in compliance with the requirements of the technical specifications.
6. All materials used on the site shall be of a quality and quantity of work to be performed as specified in the approved plans and specifications.
7. Any work within the public right-of-way shall be performed in accordance with the latest Edition of the Maryland-National Capital Park and Planning Commission's Technical Specifications. If on-site materials do not meet requirements of topsoil, coordinate with M-NCPPC regarding tilling-in of certified compost to on-site soils in order to meet requirements.
8. Prior to vegetative stabilization, all disturbed areas must be topsoiled per the Montgomery County "Standards and Specifications for Topsoil" (see DPS sheet 4 of 8) and M-NCPPC "Standards and Specifications for Topsoil" (see DPS sheet 5 of 8). The contractor shall coordinate with M-NCPPC regarding tilling-in of certified compost to on-site soils in order to meet requirements.

To All Bidders: The General Contractor and all major subcontractors shall visit the site to familiarize themselves with existing conditions prior to submitting Bid. Any work within the public right-of-way shall be performed in accordance with the latest Edition of the Maryland-National Capital Park and Planning Commission's Technical Specifications. If on-site materials do not meet requirements of topsoil, coordinate with M-NCPPC regarding tilling-in of certified compost to on-site soils in order to meet requirements.

It shall be the duty of the contractor to verify all dimensions and conditions given on the drawings and to report to the M-NCPPC’s Construction Manager any error or inconsistency noted.

All notes shown on the drawings shall be assumed as typical unless otherwise shown or noted.

The Maryland-National Capital Park and Planning Commission

1874 Constitutional Avenue
Silver Spring, Maryland 20910
(301) 738-2586
APPENDIX A: 30% CONSTRUCTION DOCUMENTS

EXISTING TYPICAL SECTION
LITTLE FALLS PARKWAY: WEST OF ARLINGTON ROAD

PROPOSED TYPICAL SECTION
LITTLE FALLS PARKWAY: WEST OF ARLINGTON ROAD

SCALE: 1"=5'

SABA & ASSOCIATES, INC.
7055 Samuel Morse Drive, #100
Columbia, MD 21046
(443) 741-3500

THE MARYLAND-NATIONAL CAPITAL PARK AND PLANNING COMMISSION
Montgomery County Department of Parks
9800 Grand Avenue
Silver Spring, Maryland 20901
(301) 495-2535

SABRA & ASSOCIATES, INC.
7055 Samuel Morse Drive, #100
Columbia, MD 21046
(443) 741-3500

Landscape Architect

Designer's Name

Date

Checked By:

Drawn By

Engineer

License No._________________________________

Expiration Date______________________________

I hereby certify that these documents were prepared or approved by me, and
I am a duly licensed professional engineer under the laws of the State of Maryland.

STAMP

PROFESSIONAL CERTIFICATION.

The Maryland-National Capital Park and Planning Commission
Montgomery County Department of Parks
9800 Grand Avenue
Silver Spring, Maryland 20901
(301) 495-2535

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Montgomery County Department of Parks
9800 Grand Avenue
Silver Spring, Maryland 20901
(301) 495-2535

Typical Sections
Capital Crescent Trail

Typical Sections
Capital Crescent Trail
Existing Typical Section

Little Falls Parkway: Between Bethesda Swimming Pool Entrance and Hillandale Road

Proposed Typical Section

Little Falls Parkway: Between Bethesda Swimming Pool Entrance and Hillandale Road
APPENDIX A: 30% CONSTRUCTION DOCUMENTS

Typical Sections
Capital Crescent Trail

EXISTING TYPICAL SECTION
HILLANDALE ROAD

PROPOSED TYPICAL SECTION
HILLANDALE ROAD

34' TRAVELED WAY (OPEN SECTION)

12' SB
TRAVEL LANE

11' MEDIAN
PAINTED BUFFER

5' GRASS
BUFFER

MARYLAND ABC 102

MARYLAND ABC 102

34' TRAVELED WAY (OPEN SECTION)

12' SB
TRAVEL LANE

11' MEDIAN
GRASS

11' NB
TRAVEL LANE

3' PATH

SHARED-USE

4.5' 1.5'

CURB

CURB
**APPENDIX A: 30% CONSTRUCTION DOCUMENTS**

**Little Falls Rd Trail**

**Hillandale Rd Trail**

<table>
<thead>
<tr>
<th>Date</th>
<th>Checked By</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>04/2019</td>
<td></td>
<td></td>
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**Design**

- Park Code: 280
- Telephone Number: (443) 741-3500
- Address: 7055 Samuel Morse Drive, #100, Columbia, MD 21046

**Sag Vertical Curve**

- V.C.L. = 20'
- G1 = -0.47%
- G2 = -2.51%

**Crest Vertical Curve**

- V.C.L. = 30'
- G1 = -2.12%
- G2 = -4.43%

**Cross Sections**

- SCALE: Scaled 1.0000 Times Hor.
- S.D.S. = 201'
- K = 3.81

**Professional Certification**

I hereby certify that I am a duly licensed professional engineer under the laws of the State of Maryland.

**Issue and Approval**

- Park Manager:
- Project Manager:
- Date:

**SHT. # 22 of 24**
LITTLE FALLS PARKWAY ASSUMED TO RUN IN AN EAST-WEST DIRECTION

RELOCATED SIGNALS

1-2
2-3
3-4

PROPOSED SIGNALS

5-6
6-7
7-8

RELOCATED SIGNS

1-2
2-3
3-4

PROPOSED SIGNS

5-6
6-7
7-8

RELOCATED SIGNAL HEAD AND PUSH BUTTON TO BE REMOVED

RELOCATE SIGNAL HEAD AND PUSH BUTTON TO BE REMOVED

HILLANDALE ROAD

LITTLE FALLS PKWY

UNDERGROUND INTERCONNECT TO ARKANSTON RD.

PEDESTRIAN COUNTDOWN

2-SECTION LED

12"

3a-4a

5

SIGNAL HEADS

RELOCATE

SIGN

RELOCATED SIGNALS

5-6
6-7
7-8

PEDESTRIAN SIGNAL HEAD AND PUSH BUTTON TO BE REMOVED

PUSH BUTTON TO BE REMOVED

APPENDIX A: 30% CONSTRUCTION DOCUMENTS

DEPARTMENT OF TRANSPORTATION

MONTGOMERY COUNTY, MARYLAND

CAPITAL CRESCENT TRAIL

PED, CROSSING IMPROVEMENT PLAN

LITTLE FALLS PKWY AT HILLANDALE RD.

BETHESDA, MARYLAND

TRAFFIC SIGNAL PLAN

SCALE: 1" = 20'

Sheet: 04/19

File: 04/19

Plotted: 04/19

SABRA & ASSOCIATES, INC.

GEOMETRIC LEGEND

EXISTING

PROPOSED

UTILITY LEGEND

STORM DRAIN

ELECTRICAL

The Maryland-National Capital Park and Planning Commission

Montgomery County Department of Planning

Silver Spring, Maryland 20901

(301) 495-2535

B. WHITE

C. KELLER

04/2019

04/2019

04/2019

WASHINGTON, DC

MANAGER, TRANSPORTATION SYSTEMS ENG.

ENGINEER, TRANSPORTATION SYSTEMS ENG.

18 OF 26

Sheets

DATE: APRIL 2019

DATE: APRIL 2019

DATE: APRIL 2019
NOTE:
1. TREES LOCATED IN THE EXISTING MEDIAN ARE ALL RELATIVELY IMMATURE AND ARE
   RECOMMENDED FOR RELOCATION ON SITE WITH LITTLE TO NO HEALTH IMPACT ANTICIPATED.
NOTE:

1. TREES LOCATED IN THE EXISTING MEDIAN ARE ALL RELATIVELY IMMATURE AND ARE
RECOMMENDED FOR RELOCATION ON SITE WITH LITTLE TO NO HEALTH IMPACT ANTICIPATED.