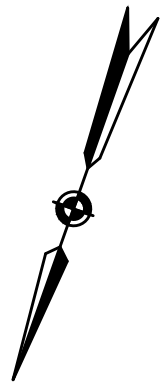
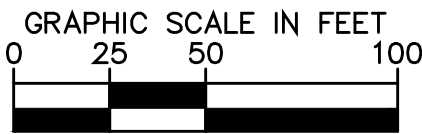
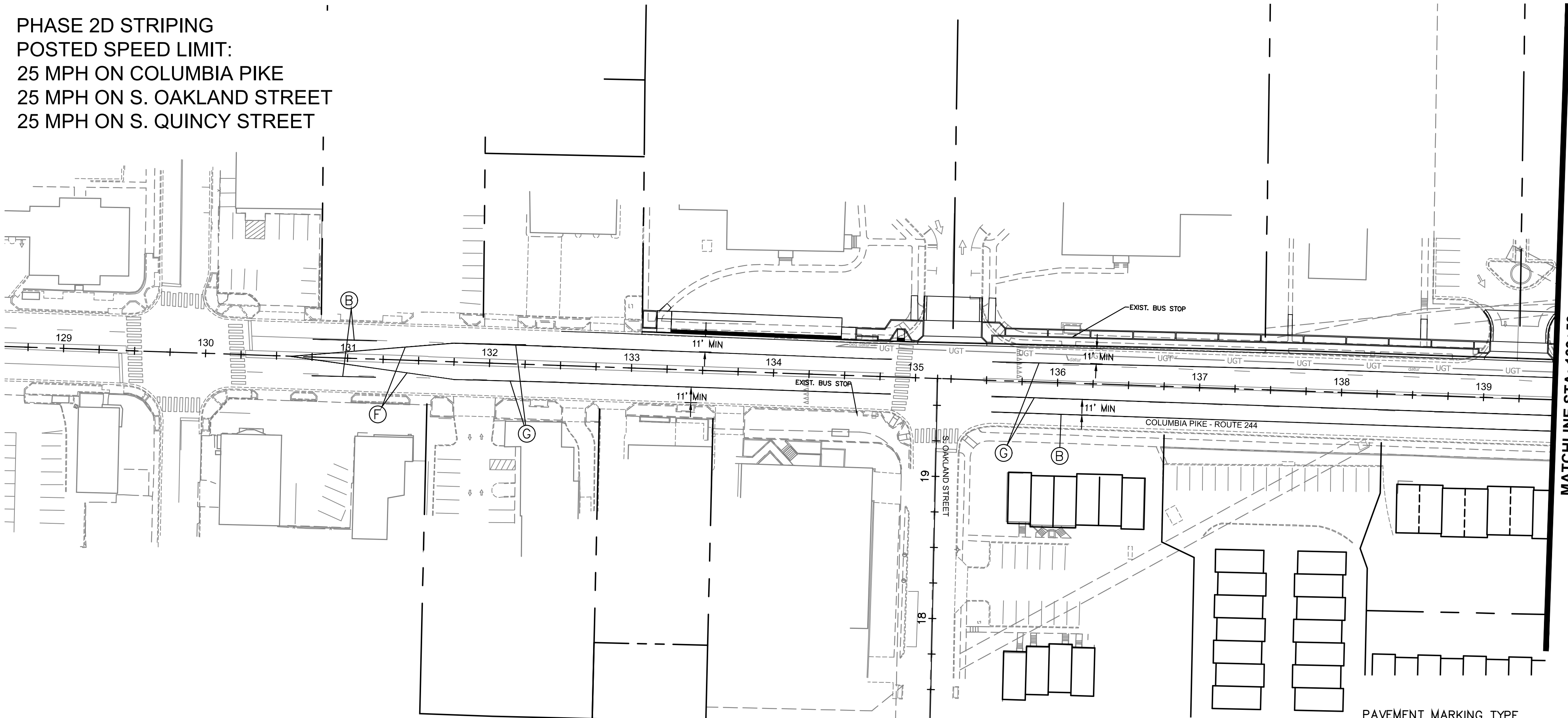


PHASE 2D STRIPING
POSTED SPEED LIMIT:
25 MPH ON COLUMBIA PIKE
25 MPH ON S. OAKLAND STREET
25 MPH ON S. QUINCY STREET

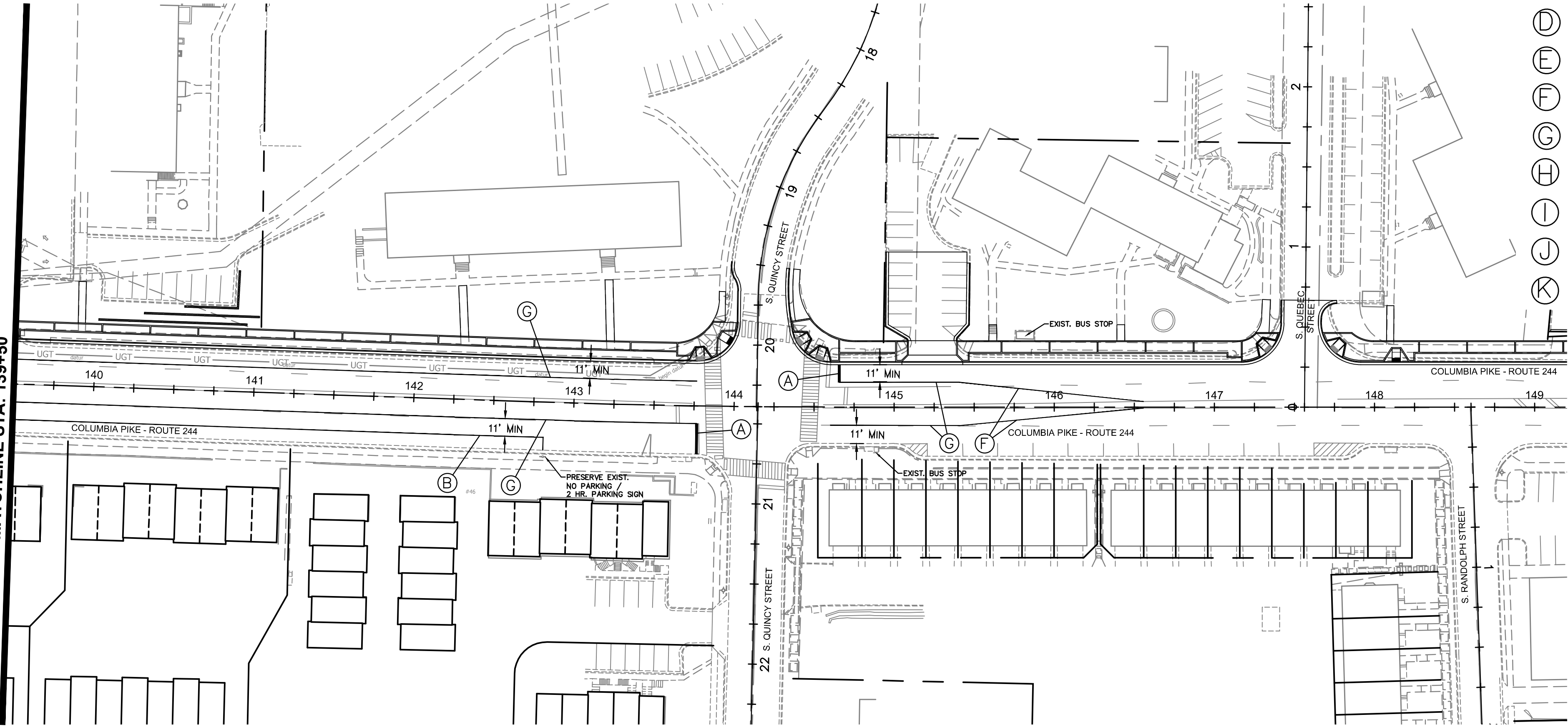


NOTES:

1. ALL EXISTING PAVEMENT MARKINGS IN CONFLICT WITH PROPOSED TEMPORARY MARKINGS ARE TO BE FULLY ERADICATED OR AT MINIMUM FULLY COVERED USING CORROSION RESISTANT, NON-REFLECTIVE BLACK-OUT ADHESIVE TAPE.
2. STREET WIDTH MEASURED FROM FACE OF CURB TO FACE OF CURB. LANE WIDTH MEASURED FROM CENTER OF MARKING TO CENTER OF MARKING.
3. STOP BARS SHALL BE A MIN. OF 4' IN ADVANCE OF A MARKED CROSSWALK. IF NO CROSSWALK PRESENT, STOP BAR SHALL BE A MAX. 30' FROM THE NEAREST EDGE OF INTERSECTED TRAVELED WAY.

PAVEMENT MARKING LEGEND

| PAVEMENT MARKING TYPE | DESCRIPTION |
|--|----------------------------------|
| (A) TYPE B CLASS 1: WHITE 18" WIDTH..... | STOP BARS |
| (B) TYPE B CLASS 1: WHITE 6" WIDTH..... | EDGELINES, TRANSVERSE CROSSWALKS |
| (C) TYPE B CLASS 1: WHITE 8" WIDTH..... | EDGELINE TAPERS |
| (D) TYPE B CLASS 1: YELLOW 4" WIDTH, DOUBLE LINE, 4" SPACING..... | CENTERLINES |
| (E) TYPE B CLASS 1: YELLOW 4" WIDTH, DOUBLE 2' LINE, 4' SPACE..... | MINI-SKIP, INTERSECTIONS |
| (F) TYPE B CLASS 1: YELLOW 8" WIDTH..... | EDGELINE TAPERS |
| (G) TYPE B CLASS 1: YELLOW 6" WIDTH..... | EDGELINES |
| (H) TYPE B CLASS 1: WHITE 6" WIDTH, 2' LONG, 6' SPACING..... | MINI-SKIP |
| (I) TYPE B CLASS 1: WHITE 6" WIDTH, 10' LONG, 30' SPACING..... | SKIPS |
| (J) TYPE B CLASS 1: YELLOW 1.5" WIDTH..... | MEDIAN CROSS-HATCH |
| (K) TYPE B CLASS 1: WHITE PAVEMENT MARKING SYMBOL..... | TURN LANE ARROW |



ARLINGTON COUNTY, VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES

PHASE 2D STRIPING
COLUMBIA PIKE - ROUTE 244
COLUMBIA PIKE - MULTIMODAL STREET IMPROVEMENTS
SEGMENT F

SCALE: AS SHOWN SHEET: F19.10.1 of F19.31



DEPARTMENT OF
ENVIRONMENTAL SERVICES

Facilities & Engineering Division
Engineering Bureau
2100 Clarendon Boulevard, Suite 813
Arlington, VA 22201
Phone: 703.228.3629
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Seal



Approvals Date

Design Team Engineer Supervisor

Construction Management Supervisor

Water, Sewer, Streets Bureau Chief

Transportation Director

Project Manager

Revisions Date

Designed: EJD
Drawn: OCD
Checked: MRA
Miss Utility Transmittal #:

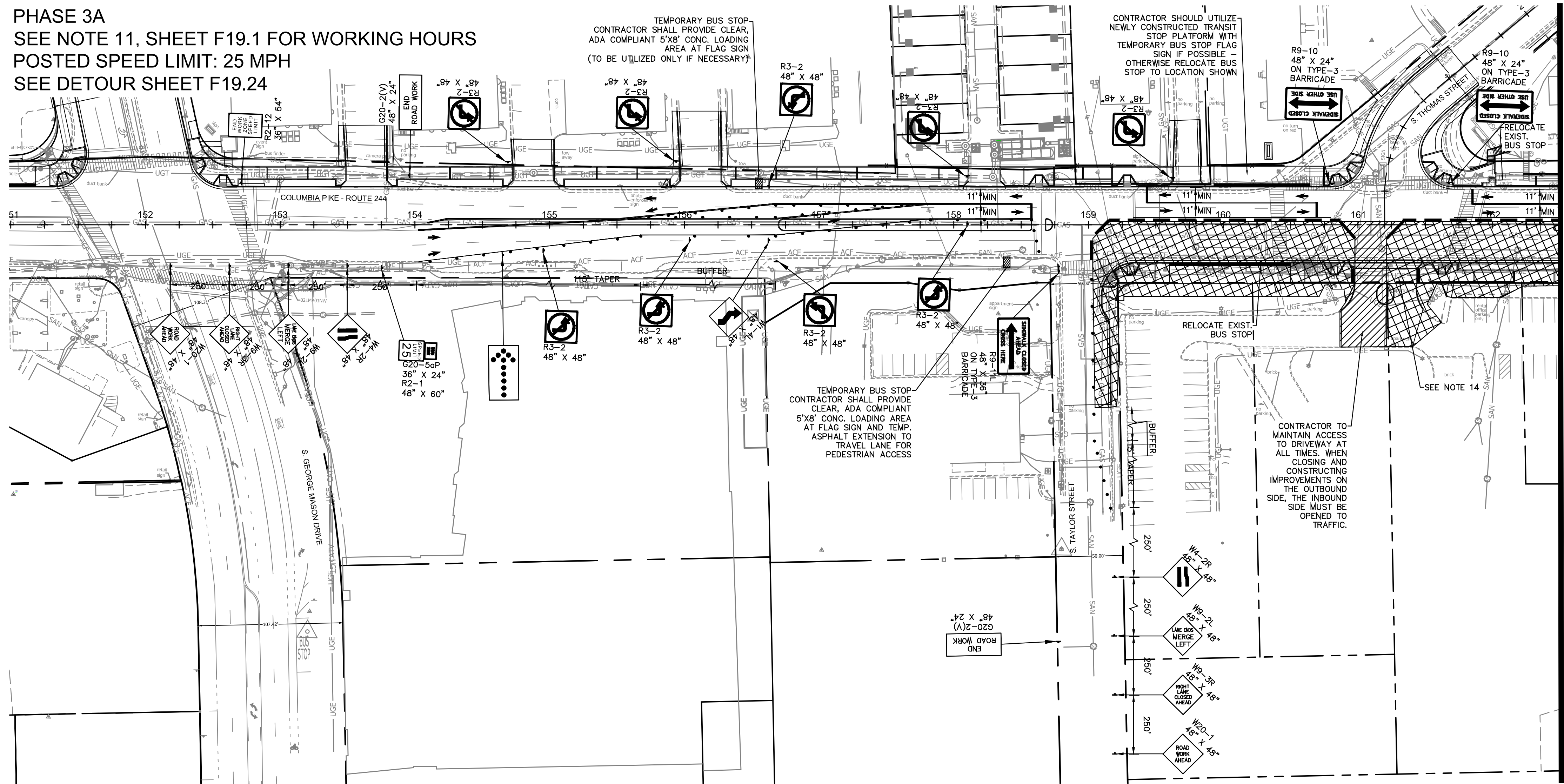
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Plotted: September 02, 2021
Plotted by: patrick.husted



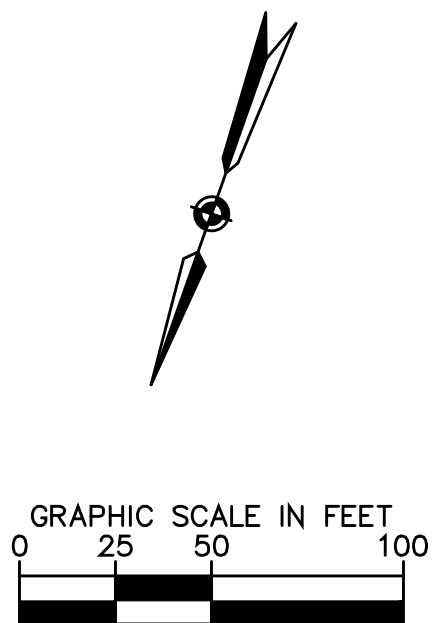
DEPARTMENT OF
ENVIRONMENTAL SERVICES

10/19/2021
APPROVAL DATE

PHASE 3A
SEE NOTE 11, SHEET F19.1 FOR WORKING HOURS
POSTED SPEED LIMIT: 25 MPH
SEE DETOUR SHEET F19.24

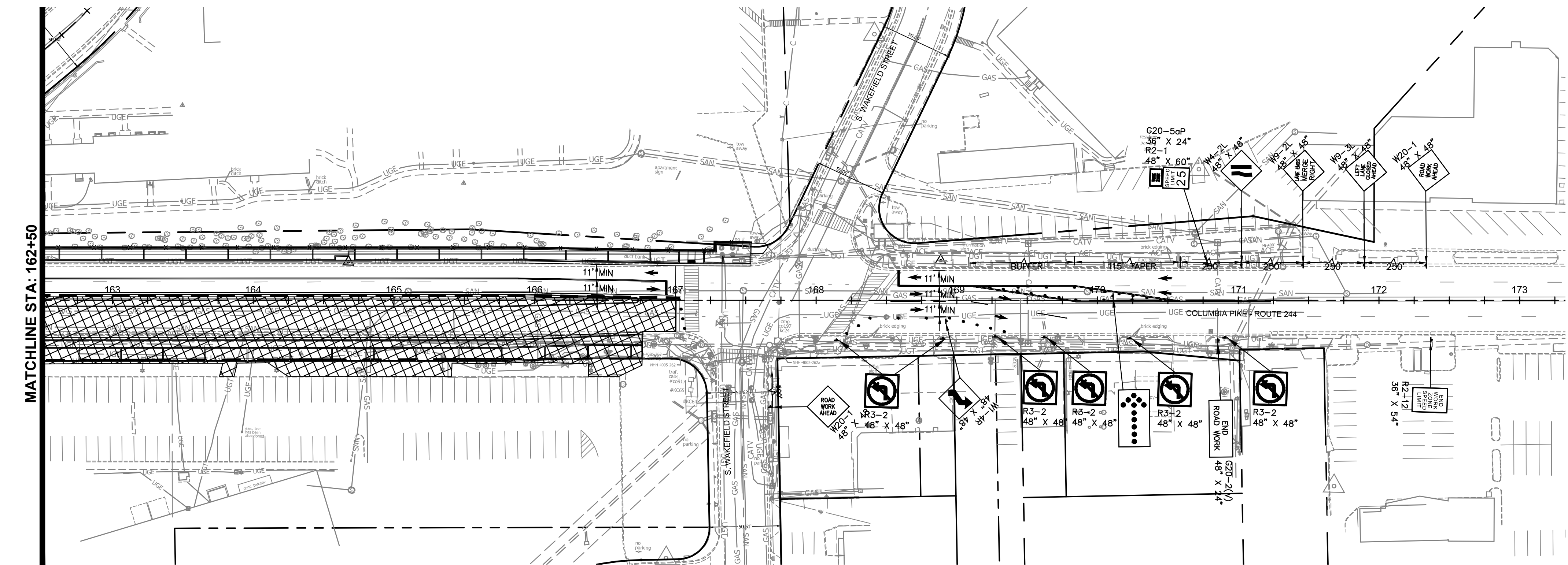


MATCHLINE STA: 162+50



NOTES:

1. TEMPORARY BUS STOPS SHALL FOLLOW ALL ADA-COMPLIANT GUIDELINES. THE PAD SHALL BE MADE OF ASPHALT MEASURING 5 FEET PARALLEL AND 8 FEET PERPENDICULAR TO THE ROADWAY.
2. RESTRICT PARKING FOR 70 FEET BEFORE AND 30 FEET AFTER AN INSTALLED TEMPORARY BUS STOP.
3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE ALL TEMPORARY PEDESTRIAN CROSSINGS MEET ADA STANDARDS.
4. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE ALL AREAS OF WORK ARE INCLUDED WITHIN MOT WORK ZONES AND ARE PROTECTED PER THE LATEST VERSION OF THE VA WAPM.
5. NO CONSTRUCTION VEHICLE OR EQUIPMENT MAY BE PLACED SUCH THAT IT EXTENDS INTO ACTIVE TRAVEL LANES/INTERSECTIONS AT ANY TIME UNLESS ENTERING/EXITING THE WORK AREA.
6. A SHADOW VEHICLE WITH EITHER A TYPE B OR C ARROW BOARD OPERATING IN THE CAUTION MODE OR AT LEAST ONE HIGH INTENSITY AMBER ROTATING, FLASHING, OR OSCILLATING LIGHT SHALL BE PARKED 80'-120' IN ADVANCE OF THE FIRST WORK CREW.
7. BUS STOPS ARE TO BE RETURNED TO ORIGINAL LOCATION UPON COMPLETION OF EACH STAGE UNLESS OTHERWISE NOTED
8. THE CONTRACTOR SHALL MAINTAIN RECTANGULAR RAPID FLASHING BEACON (RRFB) DURING CONSTRUCTION.
9. WHEN AN AND/OR PEDESTRIAN TRAFFIC CONTROLS MAY BE ADJUSTED BY INSPECTOR FOR SAFETY REASONS AT ANY TIME.
10. BUS STOP SHELTERS TO BE DISPOSED OF AFTER FINAL TEMPORARY RELOCATION UNLESS OTHERWISE NOTED. IF SHELTER IS NOTED FOR SALVAGE, IT SHALL BE INSTALLED AT A FINAL TRANSIT STATION LOCATION AS DIRECTED BY THE COUNTY.
11. THE CONTRACTOR SHALL COORDINATE ALL BUS STOP RELOCATIONS AND CLOSURES WITH ARLINGTON COUNTY AND WITH A 4 WEEKS MINIMUM IN ADVANCE OF IMPLEMENTING THE TRAFFIC CONTROL SHOWN. COUNTY TRANSIT CONTACT: DIANE TRENT (703-228-3049)
12. ADA ACCESSIBILITY MEASURES MAY INCLUDE TEMPORARY ASPHALT RAMP TO BE NO GREATER THAN 5% GRADE FROM ROAD SURFACE TO SIDEWALK ELEVATION, WITH 4" PVC PIPE PLACED IN FLOW LINE OF GUTTER TO MAINTAIN DRAINAGE.
13. CHANNELIZING DEVICES MAY NEED TO BE ADJUSTED IN THE FIELD TO ACCOMMODATE BUS TURNING MOVEMENTS. BUS TURNING MOVEMENTS SHOULD BE ACCOMMODATED WITHIN THE WORK LIMITS WHENEVER POSSIBLE.
14. CONTRACTOR TO MAINTAIN PRIVATE AND COMMERCIAL DRIVEWAY ACCESS WITHIN THE WORK ZONE AT ALL TIMES. IF A DRIVEWAY MUST BE TEMPORARILY CLOSED THE CONTRACTOR SHALL NOTIFY THE COUNTY AND OWNER A MIN. OF 7 DAYS IN ADVANCE.
15. WHERE SPECIFICALLY IDENTIFIED, AREA TO BE CONSTRUCTED UNDER SHORT-TERM FLAGGING OPERATION. SIGNS MUST BE TURNED OFF, AND INSTRUCTIONS TO POLICE CONTROL. AREA SHALL BE RETURNED TO TEMP. PAVED OR PLATED AT END OF EACH WORK PERIOD AND RE-OPENED TO TRAFFIC. CONTRACTOR SHALL COORDINATE WITH ARLINGTON COUNTY AND POLICE PRIOR TO BEGINNING WORK IN THIS AREA.



MATCHLINE STA: 162+50



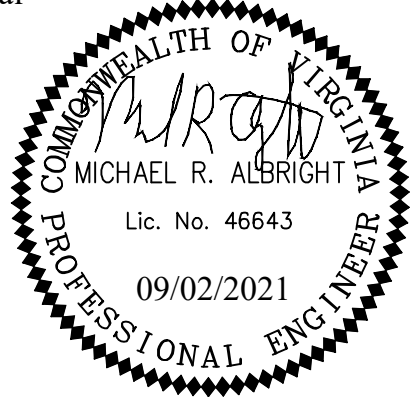
DEPARTMENT OF
ENVIRONMENTAL SERVICES

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Seal



| Approvals | Date |
|-----------|------|
|-----------|------|

Design Team Engineer Supervisor

Construction Management Supervisor

Water, Sewer, Streets Bureau Chief

Transportation Director

Project Manager

| Revisions | Date |
|-----------|------|
|-----------|------|

Designed: EJD
 Drawn: OCD
 Checked: MRA
 Miss Utility Transmittal #:

Filename: 010073-F-MOT-PH3.dwg
Path: K:\NA_RDWY\110010073 Columbia Pike Multimodal Production\Task 5 Final Design of Columbia Pike Segments\Segment F17.5.2 - 100% Design\PlsSheets
Plotted: September 02, 2021
Plotted by: patrick.husted

ARLINGTON COUNTY, VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES

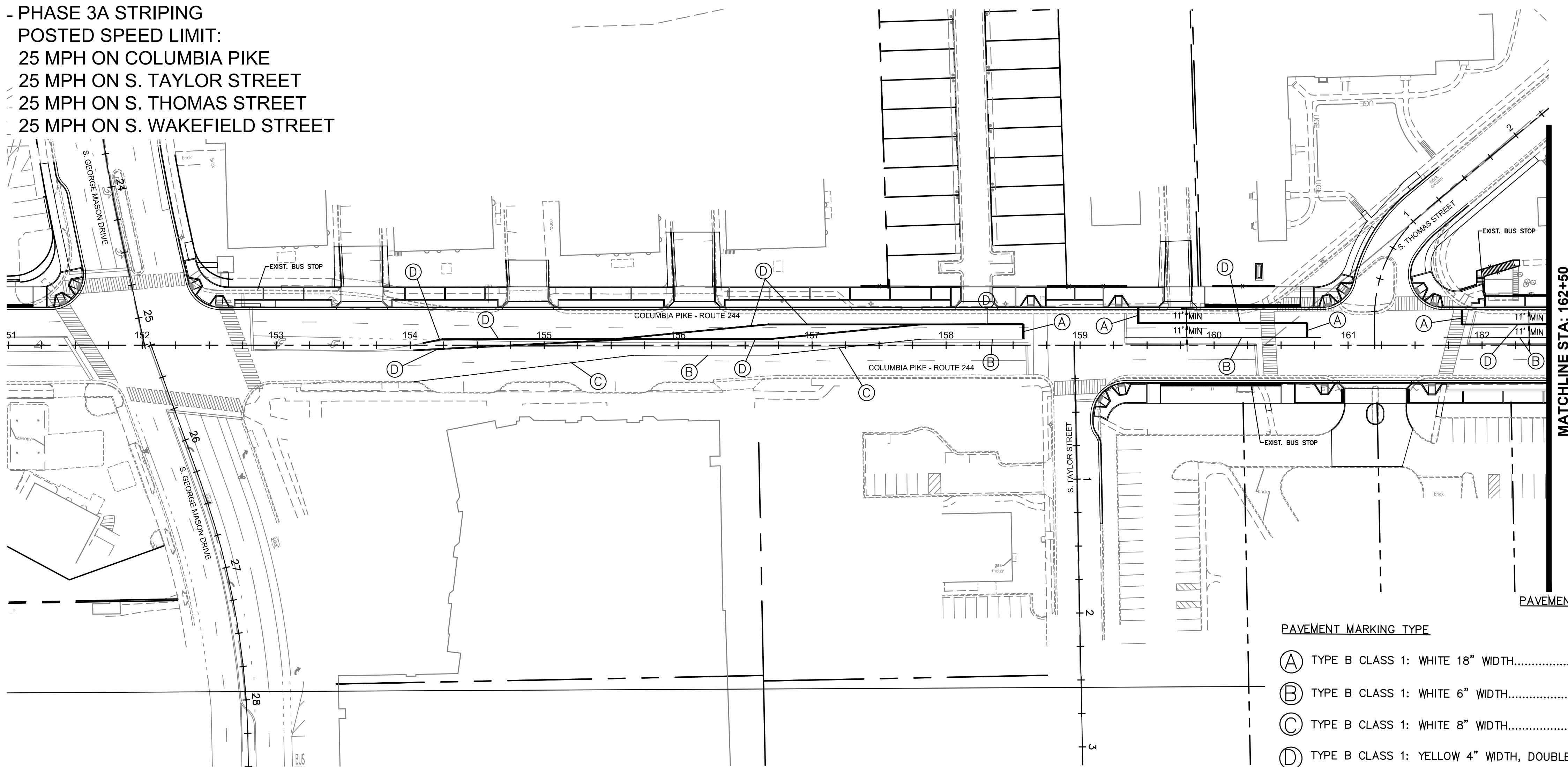
PHASE 3A MAINTENANCE OF TRAFFIC
COLUMBIA PIKE - ROUTE 244
COLUMBIA PIKE - MULTIMODAL STREET IMPROVEMENTS
SEGMENT F

| | | | |
|--------|-------------|--------|------------------|
| SCALE: | HOR. 1"=50' | SHEET: | F19.11 of F19.31 |
|--------|-------------|--------|------------------|

DEPARTMENT OF
ENVIRONMENTAL SERVICES

10/19/2021
PROVAL DATE

- PHASE 3A STRIPING
POSTED SPEED LIMIT:
25 MPH ON COLUMBIA PIKE
25 MPH ON S. TAYLOR STREET
25 MPH ON S. THOMAS STREET
25 MPH ON S. WAKEFIELD STREET

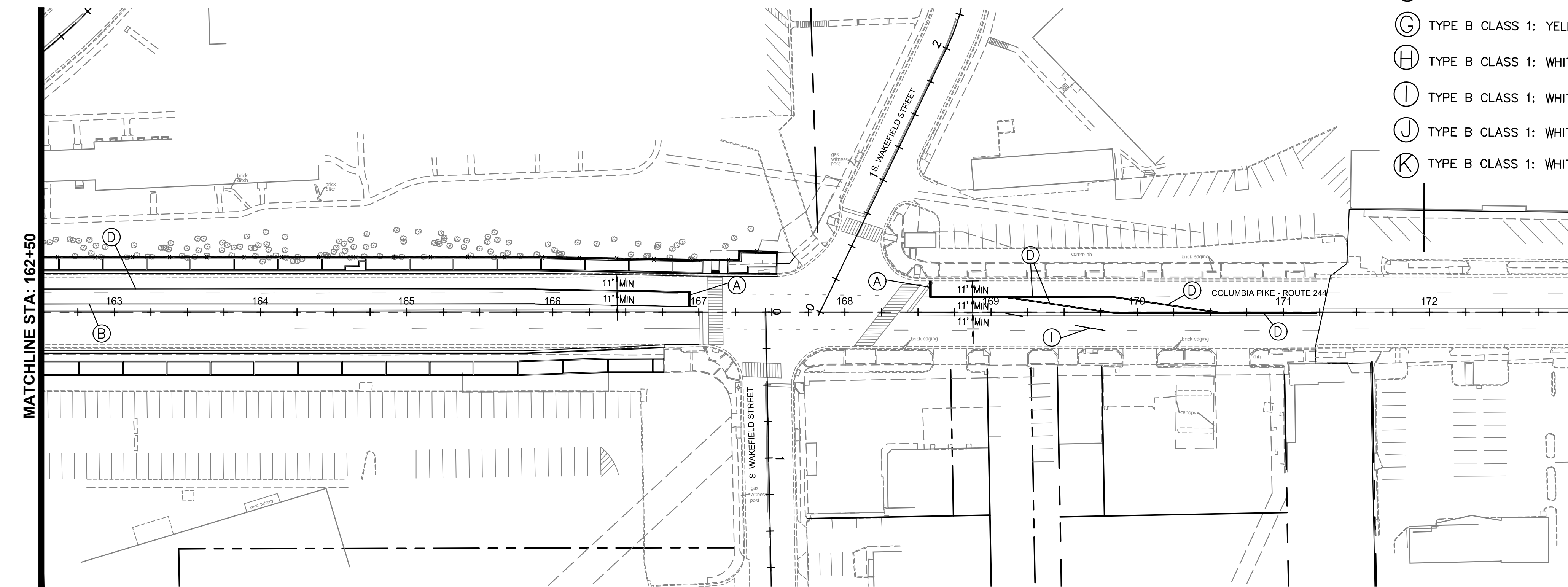


PAVEMENT MARKING LEGEND

| PAVEMENT MARKING TYPE | DESCRIPTION |
|--|----------------------------------|
| (A) TYPE B CLASS 1: WHITE 18" WIDTH..... | STOP BARS |
| (B) TYPE B CLASS 1: WHITE 6" WIDTH..... | EDGELINES, TRANSVERSE CROSSWALKS |
| (C) TYPE B CLASS 1: WHITE 8" WIDTH..... | EDGELINE TAPERS |
| (D) TYPE B CLASS 1: YELLOW 4" WIDTH, DOUBLE LINE, 4" SPACING..... | CENTERLINES |
| (E) TYPE B CLASS 1: YELLOW 4" WIDTH, DOUBLE 2' LINE, 4' SPACE..... | MINI-SKIP, INTERSECTIONS |
| (F) TYPE B CLASS 1: YELLOW 8" WIDTH..... | EDGELINE TAPERS |
| (G) TYPE B CLASS 1: YELLOW 6" WIDTH..... | EDGELINES |
| (H) TYPE B CLASS 1: WHITE 6" WIDTH, 2' LONG, 6' SPACING..... | MINI-SKIP |
| (I) TYPE B CLASS 1: WHITE 6" WIDTH, 10' LONG, 30' SPACING..... | SKIPS |
| (J) TYPE B CLASS 1: WHITE ISOSCELES TRIANGLE..... | YIELD LINE |
| (K) TYPE B CLASS 1: WHITE PAVEMENT MARKING SYMBOL..... | TURN LANE ARROW |

NOTES:

- ALL EXISTING PAVEMENT MARKINGS IN CONFLICT WITH PROPOSED TEMPORARY MARKINGS ARE TO BE FULLY ERADICATED OR AT MINIMUM FULLY COVERED USING CORROSION RESISTANT, NON-REFLECTIVE BLACK-OUT ADHESIVE TAPE.
- STREET WIDTH MEASURED FROM FACE OF CURB TO FACE OF CURB. LANE WIDTH MEASURED FROM CENTER OF MARKING TO CENTER OF MARKING.
- STOP BARS SHALL BE A MIN. OF 4' IN ADVANCE OF A MARKED CROSSWALK. IF NO CROSSWALK PRESENT, STOP BAR SHALL BE A MAX. 30' FROM THE NEAREST EDGE OF INTERSECTED TRAVELED WAY.



ARLINGTON COUNTY, VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES

PHASE 3A STRIPING
COLUMBIA PIKE - ROUTE 244
COLUMBIA PIKE - MULTIMODAL STREET IMPROVEMENTS
SEGMENT F

SCALE: AS SHOWN SHEET: F19.11.1 OF F19.31



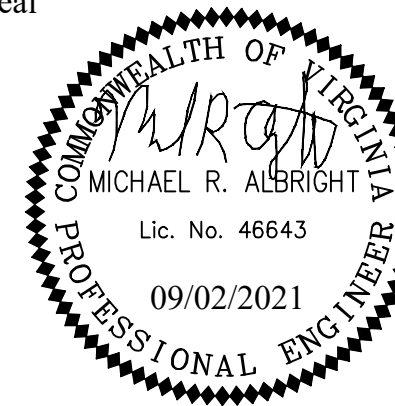
DEPARTMENT OF
ENVIRONMENTAL SERVICES

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Engineering Bureau
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Seal



Approvals Date

Design Team Engineer Supervisor

Construction Management Supervisor

Water, Sewer, Streets Bureau Chief

Transportation Director

Project Manager

| Revisions | Date |
|-----------|------|
| | |
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Designed: EJD
Drawn: OCD
Checked: MRA
Miss Utility Transmittal #:

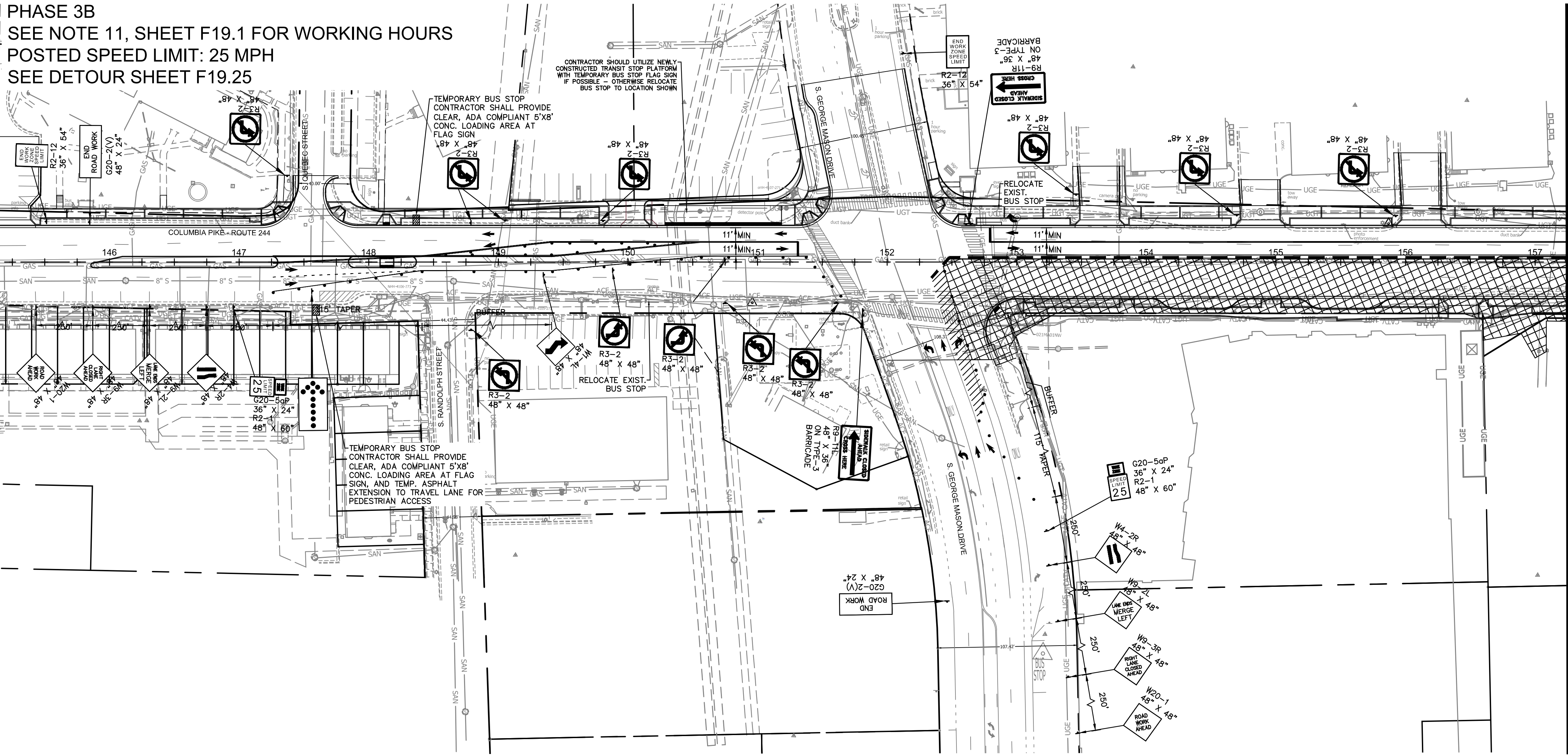
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17 Final Design of Columbia Pike Segment\Segment F\11-100%
Design\PlatSheet
Plotted: September 02, 2021
Plotted by: patrick.husted



DEPARTMENT OF
ENVIRONMENTAL SERVICES

10/19/2021
APPROVAL DATE

PHASE 3B
SEE NOTE 11, SHEET F19.1 FOR WORKING HOURS
POSTED SPEED LIMIT: 25 MPH
SEE DETOUR SHEET F19.25



MATCHLINE STA: 157+25

NOTES:

1. TEMPORARY BUS STOPS SHALL FOLLOW ALL ADA-COMPLIANT GUIDELINES. THE PAD SHALL BE MADE OF ASPHALT MEASURING 5 FEET PARALLEL AND 8 FEET PERPENDICULAR TO THE ROADWAY. RESTRICT PARKING FOR 70 FEET BEFORE AND 30 FEET AFTER AN INSTALLED TEMPORARY BUS STOP.
2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE ALL TEMPORARY PEDESTRIAN CROSSINGS MEET ADA STANDARDS.
3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE ALL AREAS OF WORK ARE INCLUDED WITHIN MOT WORK ZONES AND ARE PROTECTED PER THE LATEST VERSION OF THE VA WAPM. NO CONSTRUCTION VEHICLE OR EQUIPMENT MAY BE PLACED SUCH THAT IT EXTENDS INTO ACTIVE TRAVEL LANES/INTERSECTIONS AT ANY TIME UNLESS ENTERING/EXITING THE WORK AREA.
4. A SHADOW VEHICLE WITH EITHER A TYPE B OR C ARROW BOARD OPERATING IN THE CAUTION MODE OR AT LEAST ONE HIGH INTENSITY AMBER ROTATING, FLASHING, OR OSCILLATING LIGHT SHALL BE PARKED 80'-120' IN ADVANCE OF THE FIRST WORK CREW.
5. BUS STOPS ARE TO BE RETURNED TO ORIGINAL LOCATION UPON COMPLETION OF EACH STAGE UNLESS OTHERWISE NOTED.
6. THE CONTRACTOR SHALL MAINTAIN RECTANGULAR RAPID FLASHING BEACON (RRFB) DURING CONSTRUCTION.
7. WORK ZONE AND TEMPORARY TRAFFIC CONTROLS MAY BE ADJUSTED BY INSPECTOR FOR SAFETY REASONS AT ANY TIME.
8. BUS STOP SHELTERS TO BE DISPOSED OF AFTER FINAL TEMPORARY RELOCATION UNLESS OTHERWISE NOTED. IF SHELTER IS NOTED FOR SALVAGE, IT SHALL BE INSTALLED AT A FINAL TRANSIT STATION LOCATION AS DIRECTED BY THE COUNTY.
9. THE CONTRACTOR SHALL COORDINATE ALL BUS STOP RELOCATIONS AND CLOSURES WITH ARLINGTON COUNTY AND WMATA 4 WEEKS MINIMUM IN ADVANCE OF IMPLEMENTING THE TRAFFIC CONTROL SHOWN. COUNTY TRANSIT CONTACT: DIANE TRENT (703-228-3049)
10. ADA ACCESSIBILITY MEASURES MAY INCLUDE TEMPORARY ASPHALT RAMP TO BE NO GREATER THAN 5% GRADE FROM ROAD SURFACE TO SIDEWALK ELEVATION, WITH 4" PVC PIPE PLACED IN FLOW LINE OF GUTTER TO MAINTAIN DRAINAGE.
11. CHANNELIZING DEVICES MAY NEED TO BE ADJUSTED IN THE FIELD TO ACCOMMODATE BUS TURNING MOVEMENTS. BUS TURNING MOVEMENTS SHOULD BE ACCOMMODATED WITHIN THE WORK LIMITS WHENEVER POSSIBLE.
12. CONTRACTOR TO MAINTAIN PRIVATE AND COMMERCIAL DRIVEWAY ACCESS WITHIN THE WORK ZONE AT ALL TIMES. IF A DRIVEWAY MUST BE TEMPORARILY CLOSED THE CONTRACTOR SHALL NOTIFY THE COUNTY AND OWNER A MIN. OF 7 DAYS IN ADVANCE.
13. WHERE SPECIFICALLY IDENTIFIED, AREA TO BE CONSTRUCTED UNDER SHORT-TERM FLAGGING OPERATION. SIGNAL MUST BE TURNED OFF, AND INTERSECTION UNDER POLICE CONTROL. AREA SHALL BE RETURNED TO TEMP. PAVEMENT OR PLATED AT END OF EACH WORK PERIOD AND RE-OPENED TO TRAFFIC. CONTRACTOR SHALL COORDINATE WITH ARLINGTON COUNTY AND POLICE PRIOR TO BEGINNING WORK IN THIS AREA.



DEPARTMENT OF
ENVIRONMENTAL SERVICES

Facilities & Engineering Division
Engineering Bureau
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Seal



Approvals Date

Design Team Engineer Supervisor

Construction Management Supervisor

Water, Sewer, Streets Bureau Chief

Transportation Director

Project Manager

Revisions Date

Designed: EJD
Drawn: OCD
Checked: MRA
Miss Utility Transmittal #:

Filename: 010073-F-MOT-PH3.dwg
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Plotted: October 12, 2021
Plotted by: Patrick.Husted

ARLINGTON COUNTY, VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES

PHASE 3B MAINTENANCE OF TRAFFIC
COLUMBIA PIKE - ROUTE 244
COLUMBIA PIKE - MULTIMODAL STREET IMPROVEMENTS
SEGMENT F

SCALE: HOR. 1"=50' SHEET: F19.12 of F19.31

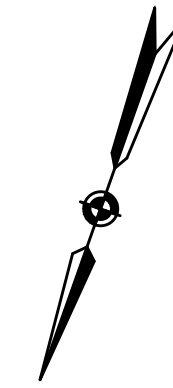
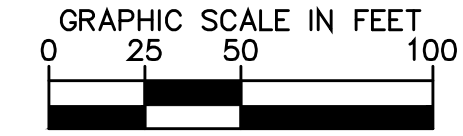
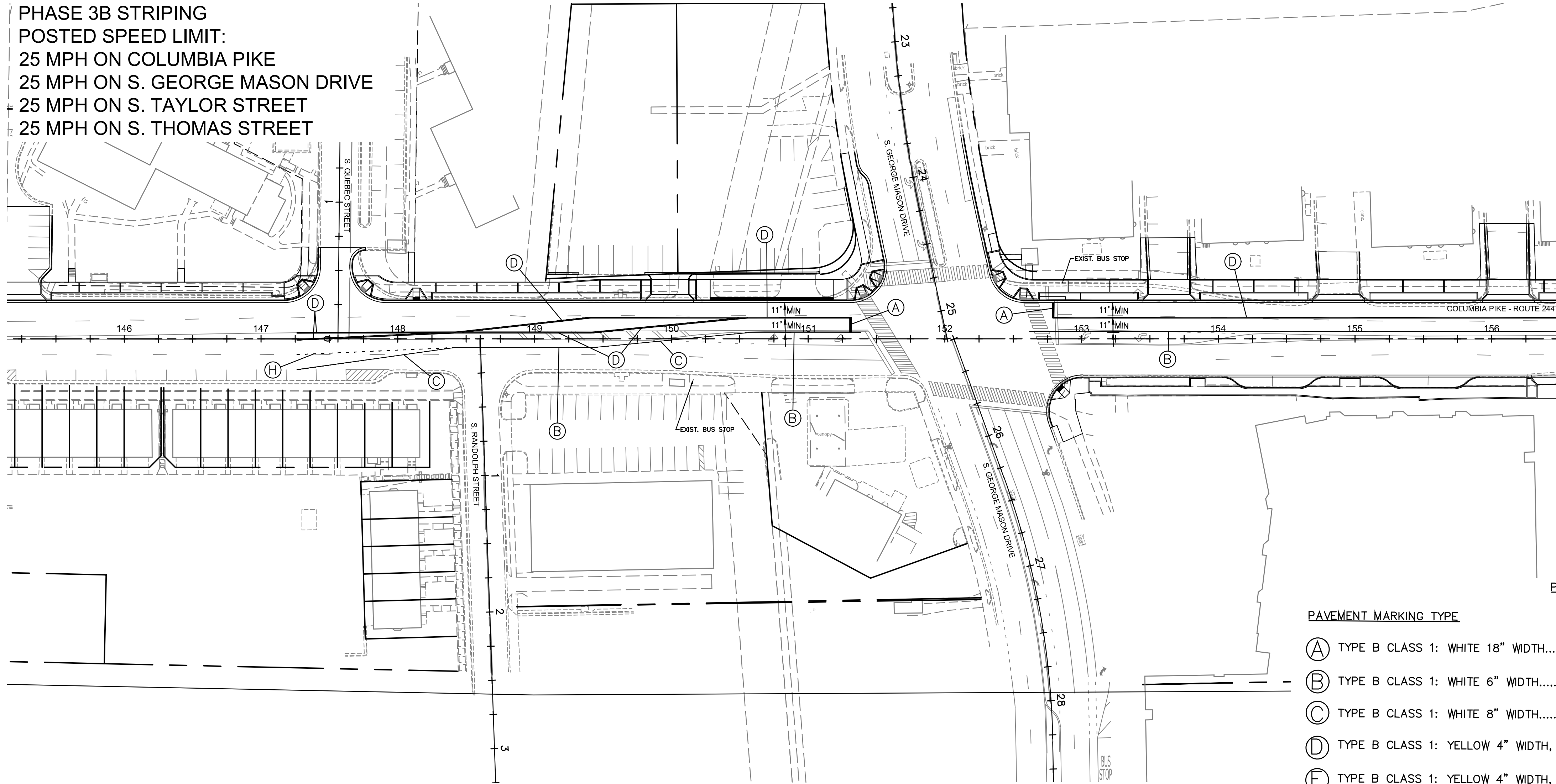


DEPARTMENT OF
ENVIRONMENTAL SERVICES

LUIS ARAYA
BUREAU CHIEF, DES - DEVELOPMENT SERVICES

10/19/2021
APPROVAL DATE

PHASE 3B STRIPING
POSTED SPEED LIMIT:
25 MPH ON COLUMBIA PIKE
25 MPH ON S. GEORGE MASON DRIVE
25 MPH ON S. TAYLOR STREET
25 MPH ON S. THOMAS STREET

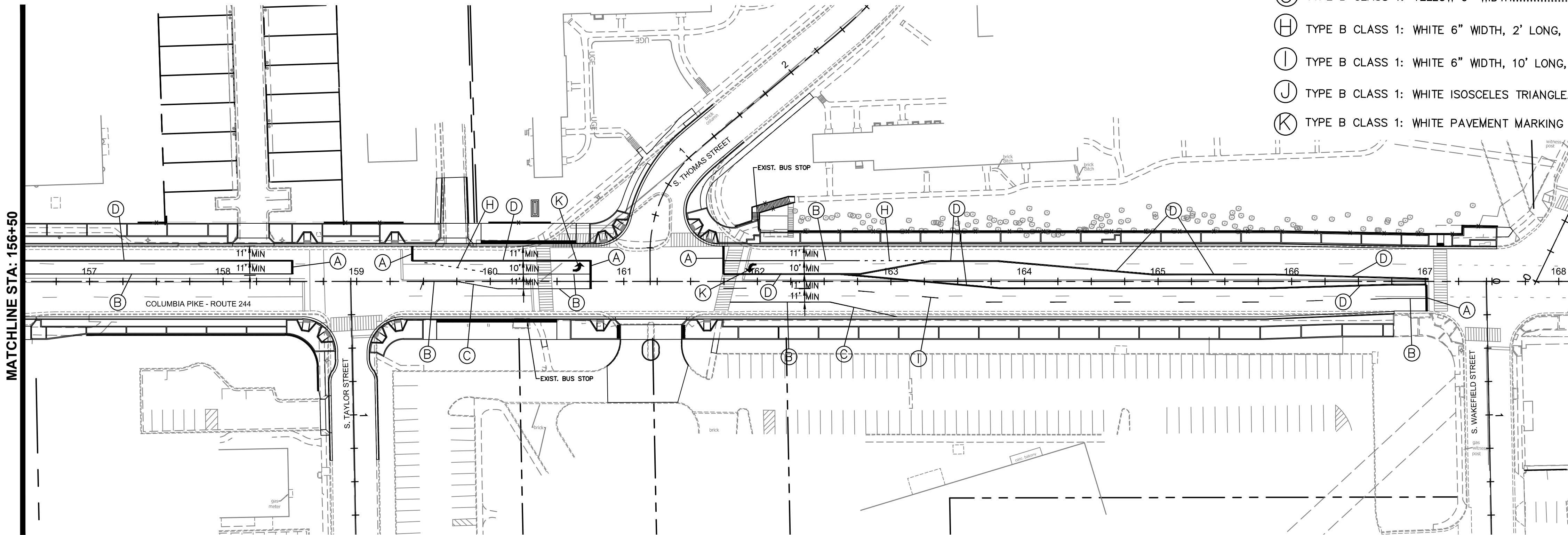


NOTES:

1. ALL EXISTING PAVEMENT MARKINGS IN CONFLICT WITH PROPOSED TEMPORARY MARKINGS ARE TO BE FULLY ERADICATED OR AT MINIMUM FULLY COVERED USING CORROSION RESISTANT, NON-REFLECTIVE BLACK-OUT ADHESIVE TAPE.
2. STREET WIDTH MEASURED FROM FACE OF CURB TO FACE OF CURB. LANE WIDTH MEASURED FROM CENTER OF MARKING TO CENTER OF MARKING.
3. STOP BARS SHALL BE A MIN. OF 4' IN ADVANCE OF A MARKED CROSSWALK. IF NO CROSSWALK PRESENT, STOP BAR SHALL BE A MAX. 30' FROM THE NEAREST EDGE OF INTERSECTED TRAVELED WAY.

PAVEMENT MARKING LEGEND

| PAVEMENT MARKING TYPE | DESCRIPTION |
|--|----------------------------------|
| (A) TYPE B CLASS 1: WHITE 18" WIDTH..... | STOP BARS |
| (B) TYPE B CLASS 1: WHITE 6" WIDTH..... | EDGELINES, TRANSVERSE CROSSWALKS |
| (C) TYPE B CLASS 1: WHITE 8" WIDTH..... | EDGELINE TAPERS |
| (D) TYPE B CLASS 1: YELLOW 4" WIDTH, DOUBLE LINE, 4" SPACING..... | CENTERLINES |
| (E) TYPE B CLASS 1: YELLOW 4" WIDTH, DOUBLE 2' LINE, 4' SPACE..... | MINI-SKIP, INTERSECTIONS |
| (F) TYPE B CLASS 1: YELLOW 8" WIDTH..... | EDGELINE TAPERS |
| (G) TYPE B CLASS 1: YELLOW 6" WIDTH..... | EDGELINES |
| (H) TYPE B CLASS 1: WHITE 6" WIDTH, 2' LONG, 6' SPACING..... | MINI-SKIP |
| (I) TYPE B CLASS 1: WHITE 6" WIDTH, 10' LONG, 30' SPACING..... | SKIPS |
| (J) TYPE B CLASS 1: WHITE ISOSCELES TRIANGLE..... | YIELD LINE |
| (K) TYPE B CLASS 1: WHITE PAVEMENT MARKING SYMBOL..... | TURN LANE ARROW |



ARLINGTON COUNTY, VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES

PHASE 3B STRIPING
COLUMBIA PIKE - ROUTE 244
COLUMBIA PIKE - MULTIMODAL STREET IMPROVEMENTS
SEGMENT F

SCALE: AS SHOWN SHEET: F19.12.1 of F19.31



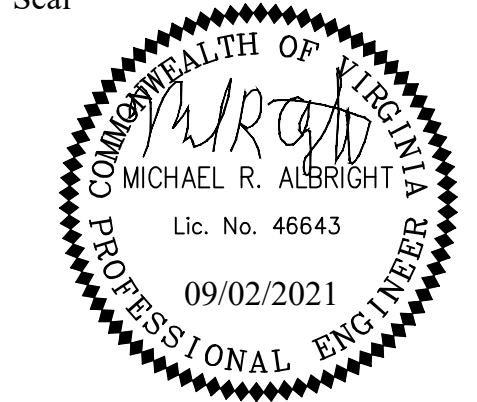
DEPARTMENT OF
ENVIRONMENTAL SERVICES

Facilities & Engineering Division
Engineering Bureau
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Arlington, VA 22201
Phone: 703.228.3629
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Reston, Virginia 20191
Phone: 703-674-1500
Fax: 703-674-1500

Seal



Approvals Date

Design Team Engineer Supervisor

Construction Management Supervisor

Water, Sewer, Streets Bureau Chief

Transportation Director

Project Manager

Revisions Date

Designed: EJD
Drawn: OCD
Checked: MRA
Miss Utility Transmittal #:

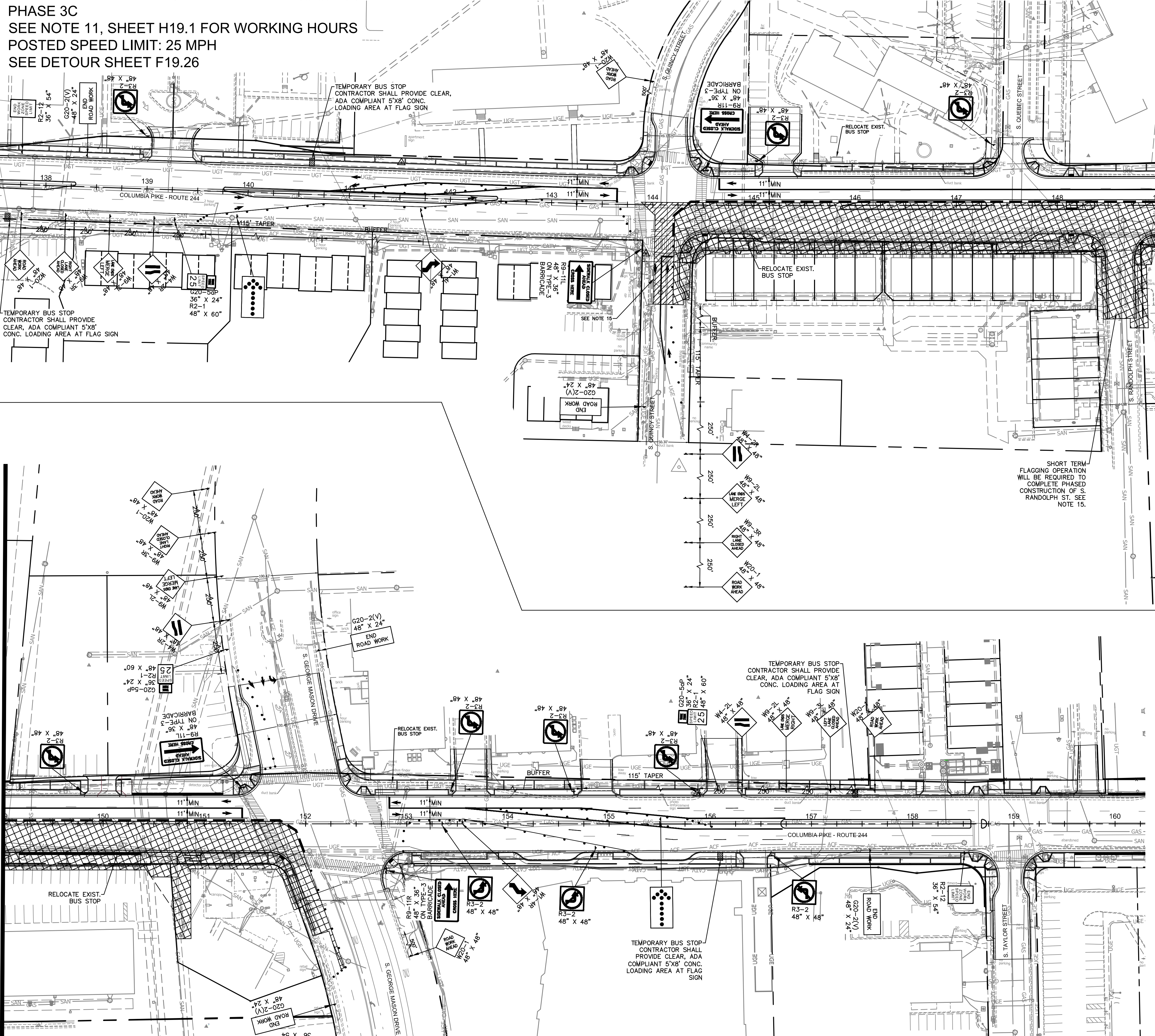
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Plotted: September 02, 2021
Plotted by: patrick.husted



DEPARTMENT OF
ENVIRONMENTAL SERVICES

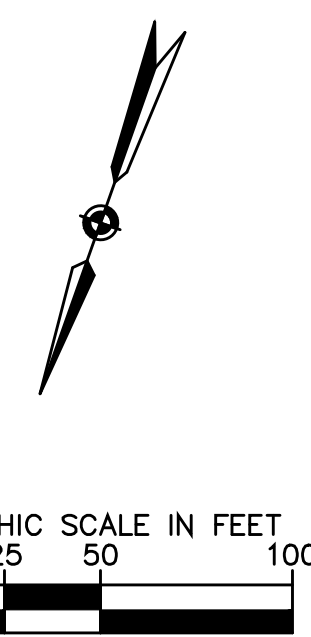
10/19/2021
APPROVAL DATE

PHASE 3C
SEE NOTE 11, SHEET H19.1 FOR WORKING HOURS
POSTED SPEED LIMIT: 25 MPH
SEE DETOUR SHEET F19.26



NOTES:

1. TEMPORARY BUS STOPS SHALL FOLLOW ALL ADA-COMPLIANT GUIDELINES. THE PAD SHALL BE MADE OF ASPHALT MEASURING 5 FEET PARALLEL AND 8 FEET PERPENDICULAR TO THE ROADWAY.
2. RESTRICT PARKING FOR 70 FEET BEFORE AND 30 FEET AFTER AN INSTALLED TEMPORARY BUS STOP.
3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE ALL TEMPORARY PEDESTRIAN CROSSINGS MEET ADA STANDARDS.
4. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE ALL AREAS OF WORK ARE INCLUDED WITHIN MOT WORK ZONES AND ARE PROTECTED PER THE LATEST VERSION OF THE VA WAPM.
5. NO CONSTRUCTION VEHICLE OR EQUIPMENT MAY BE PLACED SUCH THAT IT EXTENDS INTO ACTIVE TRAVEL LANES/INTERSECTIONS AT ANY TIME UNLESS ENTERING/EXITING THE WORK AREA.
6. A ROADWAY BOARD WITH EITHER A TYPE B OR C ARROW BOARD OR SIGN IN THE CAUTION MODE OR AT LEAST ONE HIGH INTENSITY AMBER ROTATING, FLASHING, OR OSCILLATING LIGHT SHALL BE PARKED 80'-120' IN ADVANCE OF THE FIRST WORK CREW.
7. BUS STOPS ARE TO BE RETURNED TO ORIGINAL LOCATION UPON COMPLETION OF EACH STAGE UNLESS OTHERWISE NOTED
8. THE CONTRACTOR SHALL MAINTAIN RECTANGULAR RAPID FLASHING BEACON (RRFB) DURING CONSTRUCTION.
9. WORK ZONE AND TEMPORARY TRAFFIC CONTROLS MAY BE ADJUSTED BY INSPECTOR FOR SAFETY REASONS AT ANY TIME.
10. BUS STOP SHELTERS TO BE DISPOSED OF AFTER FINAL TEMPORARY RELOCATION UNLESS OTHERWISE NOTED. IF SHELTER IS NOTED FOR SALVAGE, IT SHALL BE INSTALLED AT A FINAL TRANSIT STATION LOCATION AS DIRECTED BY THE COUNTY.
11. THE CONTRACTOR SHALL COORDINATE ALL BUS STOP RELOCATIONS WITH CLOSURES WITH ARLINGTON COUNTY AND WMATA 4 WEEKS MINIMUM IN ADVANCE OF IMPLEMENTING THE TRAFFIC CONTROL SHOWN. COUNTY TRANSIT CONTACT: DIANE TRENT (703-228-3049)
12. ADA ACCESSIBILITY MEASURES MAY INCLUDE TEMPORARY ASPHALT RAMP TO BE NO GREATER THAN 5% GRADE FROM ROAD SURFACE TO SIDEWALK ELEVATION, WITH 4" PVC PIPE PLACED IN FLOW LINE OF GUTTER TO MAINTAIN DRAINAGE. CHANNELIZING DEVICES MUST NOT BE APPLIED IN THE FIELD TO ACCOMMODATE BUS TURNING MOVEMENTS. BUS TURNING MOVEMENTS MUST BE ACCOMMODATED WITHIN THE WORK LIMITS WHENEVER POSSIBLE.
14. CONTRACTOR TO MAINTAIN PRIVATE AND COMMERCIAL DRIVEWAY ACCESS WITHIN THE WORK ZONE AT ALL TIMES. IF A DRIVEWAY MUST BE TEMPORARILY CLOSED THE CONTRACTOR SHALL NOTIFY THE COUNTY AND OWNER A MIN. OF 7 DAYS IN ADVANCE.
15. WHERE SPECIFICALLY IDENTIFIED, AREA TO BE CONSTRUCTED UNDER SHUT-TERO FLAGGING OPERATION. SIGNAL MUST BE TURNED OFF, AND INTERSECTION UNDER POLICE CONTROL. AREA SHALL BE RETURNED TO TEMP. PAVEMENT OR PLATED AT END OF EACH WORK PERIOD AND RE-OPENED TO TRAFFIC. CONTRACTOR SHALL COORDINATE WITH ARLINGTON COUNTY AND POLICE PRIOR TO BEGINNING WORK IN THIS AREA.



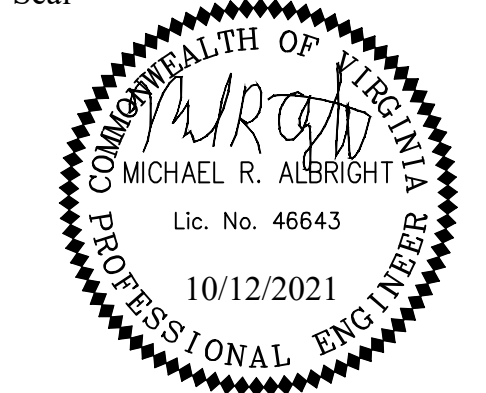
DEPARTMENT OF
ENVIRONMENTAL SERVICES

Facilities & Engineering Division
Engineering Bureau
2100 Clarendon Boulevard, Suite 813
Arlington, VA 22201
Phone: 703.228.3629
Fax: 703.228.3606

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Phone: 703-674-1300
Fax: 703-674-1360

Seal



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|-----------|------|
| Approvals | Date |
|-----------|------|

Design Team Engineer Supervisor

Construction Management Supervisor

Water, Sewer, Streets Bureau Chief

Transportation Director

Project Manager

| | |
|-----------|------|
| Revisions | Date |
|-----------|------|

Designed: EJD
 Drawn: OCD
 Checked: MRA
 Miss Utility Transmittal #:

Filename: 010073-F-MOT-PH3.dwg
 Path: K:\NVA_RD\WY\110010073 Columbia Pike Multimodal Production\Task
 7.5 Final Designs of Columbia Pike Segments\Segment P17.5.2 - 100%
 Design\PlanSheets
 Plotted: October 12, 2021
 Plotted by: Patrick.Husted

ARLINGTON COUNTY, VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES

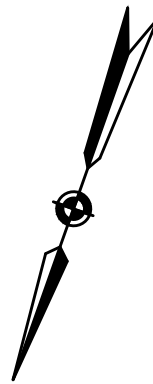
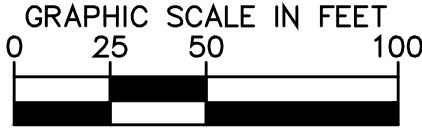
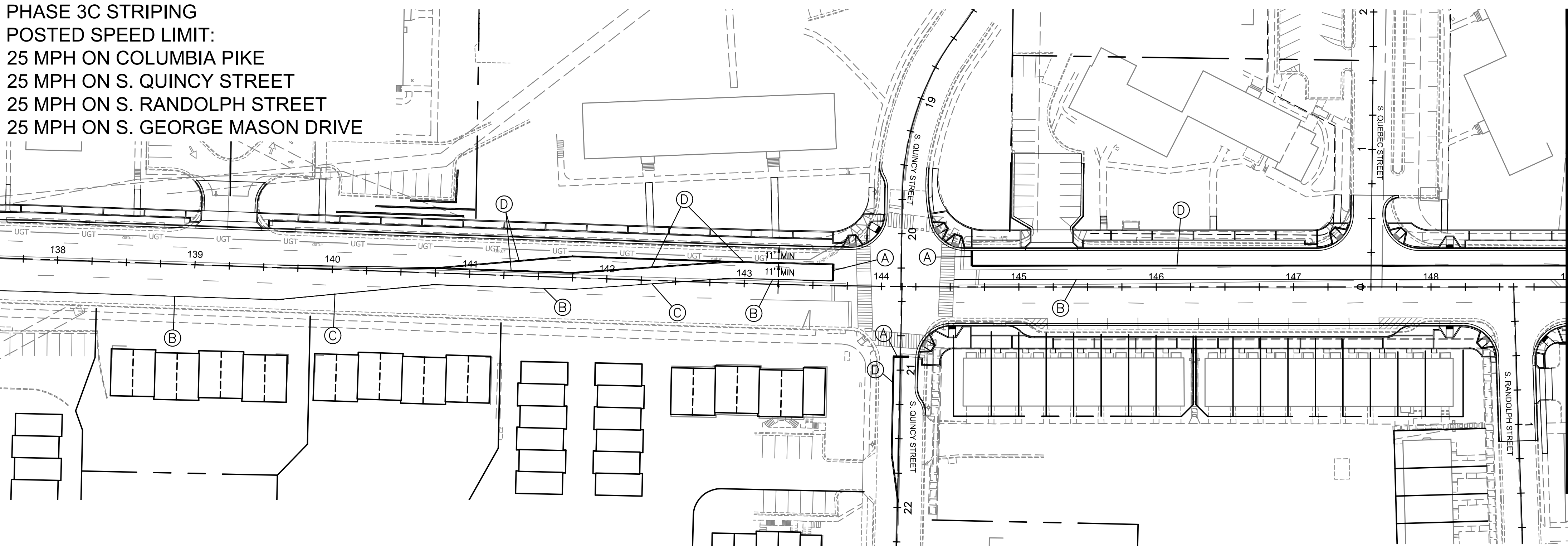
PHASE 3C MAINTENANCE OF TRAFFIC
COLUMBIA PIKE - ROUTE 244
COLUMBIA PIKE - MULTIMODAL STREET IMPROVEMENTS
SEGMENT F

| | | | |
|--------|-------------|--------|------------------|
| SCALE: | HOR. 1"=50' | SHEET: | F19.13 of F19.31 |
|--------|-------------|--------|------------------|

DEPARTMENT OF
ENVIRONMENTAL SERVICES

| |
|---------------|
| 10/19/2021 |
| APPROVAL DATE |

PHASE 3C STRIPING
POSTED SPEED LIMIT:
25 MPH ON COLUMBIA PIKE
25 MPH ON S. QUINCY STREET
25 MPH ON S. RANDOLPH STREET
25 MPH ON S. GEORGE MASON DRIVE



NOTES:

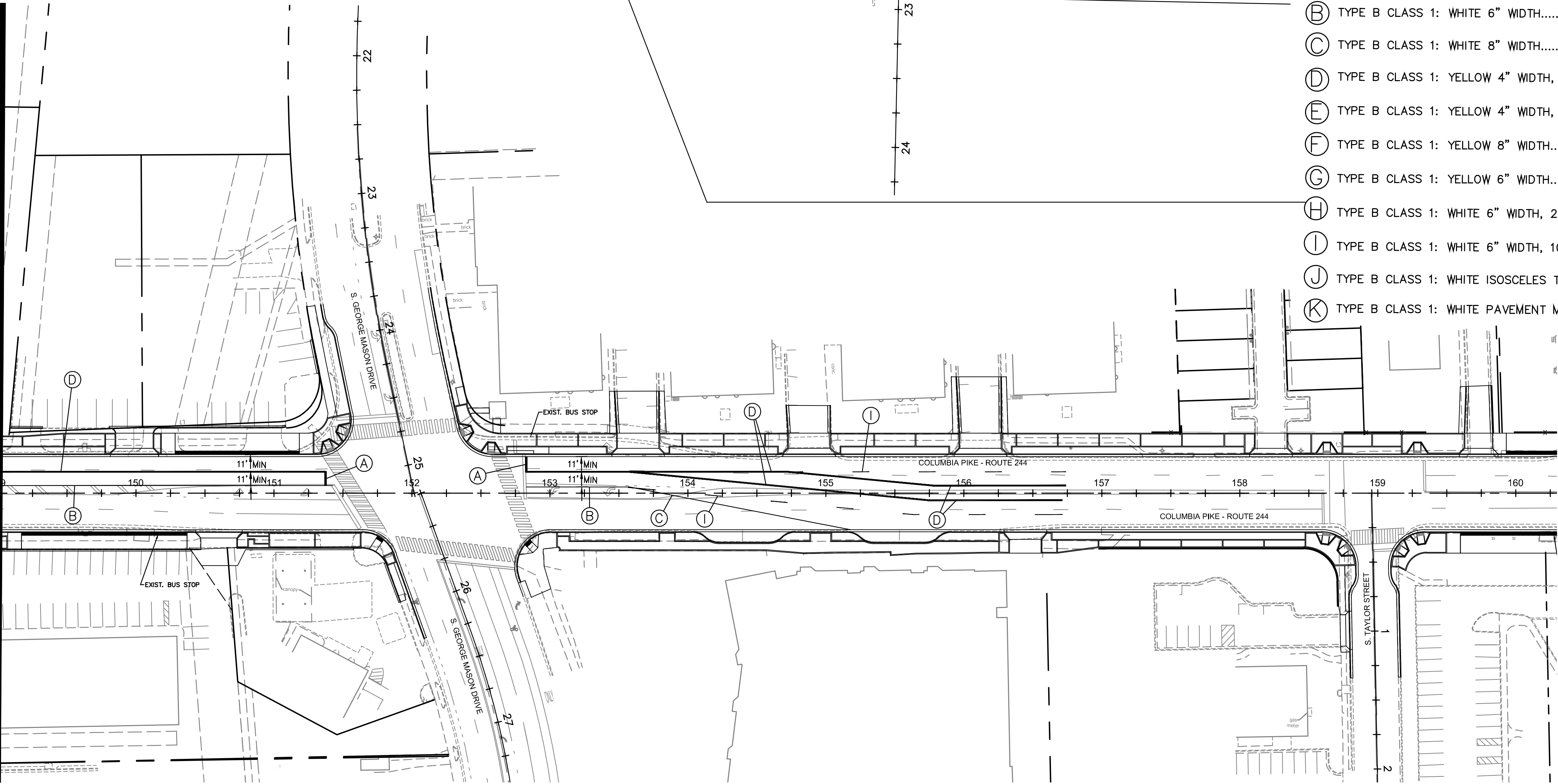
1. ALL EXISTING PAVEMENT MARKINGS IN CONFLICT WITH PROPOSED TEMPORARY MARKINGS ARE TO BE FULLY ERADICATED OR AT MINIMUM FULLY COVERED USING CORROSION RESISTANT, NON-REFLECTIVE BLACK-OUT ADHESIVE TAPE.
2. STREET WIDTH MEASURED FROM FACE OF CURB TO FACE OF CURB. LANE WIDTH MEASURED FROM CENTER OF MARKING TO CENTER OF MARKING.
3. STOP BARS SHALL BE A MIN. OF 4' IN ADVANCE OF A MARKED CROSSWALK. IF NO CROSSWALK PRESENT, STOP BAR SHALL BE A MAX. 30' FROM THE NEAREST EDGE OF INTERSECTED TRAVELED WAY.

PAVEMENT MARKING LEGEND

PAVEMENT MARKING TYPE

DESCRIPTION

- (A) TYPE B CLASS 1: WHITE 18" WIDTH.....STOP BARS
(B) TYPE B CLASS 1: WHITE 6" WIDTH.....EDGELINES, TRANSVERSE CROSSWALKS
(C) TYPE B CLASS 1: WHITE 8" WIDTH.....EDGELINE TAPERS
(D) TYPE B CLASS 1: YELLOW 4" WIDTH, DOUBLE LINE, 4" SPACING.....CENTERLINES
(E) TYPE B CLASS 1: YELLOW 4" WIDTH, DOUBLE 2' LINE, 4' SPACE.....MINI-SKIP, INTERSECTIONS
(F) TYPE B CLASS 1: YELLOW 8" WIDTH.....EDGELINE TAPERS
(G) TYPE B CLASS 1: YELLOW 6" WIDTH.....EDGELINES
(H) TYPE B CLASS 1: WHITE 6" WIDTH, 2' LONG, 6' SPACING.....MINI-SKIP
(I) TYPE B CLASS 1: WHITE 6" WIDTH, 10' LONG, 30' SPACING.....SKIPS
(J) TYPE B CLASS 1: WHITE ISOSCELES TRIANGLE.....YIELD LINE
(K) TYPE B CLASS 1: WHITE PAVEMENT MARKING SYMBOL.....TURN LANE ARROW



ARLINGTON COUNTY, VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES

PHASE 3C STRIPING
COLUMBIA PIKE - ROUTE 244
COLUMBIA PIKE - MULTIMODAL STREET IMPROVEMENTS
SEGMENT F

SCALE: AS SHOWN SHEET: F19.13.1 of F19.31



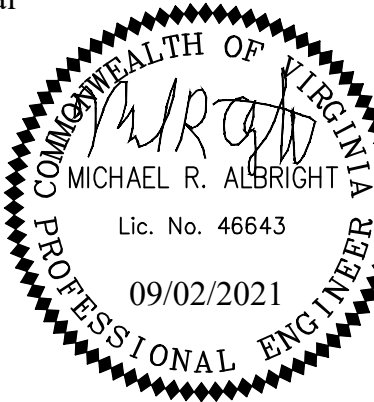
DEPARTMENT OF
ENVIRONMENTAL SERVICES

Facilities & Engineering Division
Engineering Bureau
2100 Clarendon Boulevard, Suite 813
Arlington, VA 22201
Phone: 703.228.3629
Fax: 703.228.3606

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Phone: 703-674-1500
Fax: 703-674-1500

Seal



Approvals Date

Design Team Engineer Supervisor

Construction Management Supervisor

Water, Sewer, Streets Bureau Chief

Transportation Director

Project Manager

Revisions Date

Designed: EJD
Drawn: OCD
Checked: MRA
Miss Utility Transmittal #:

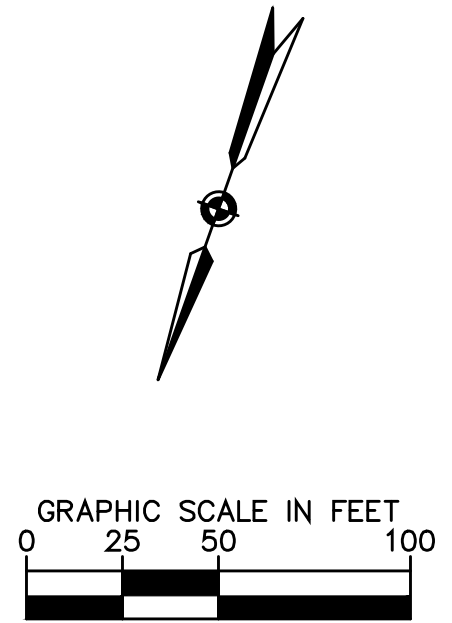
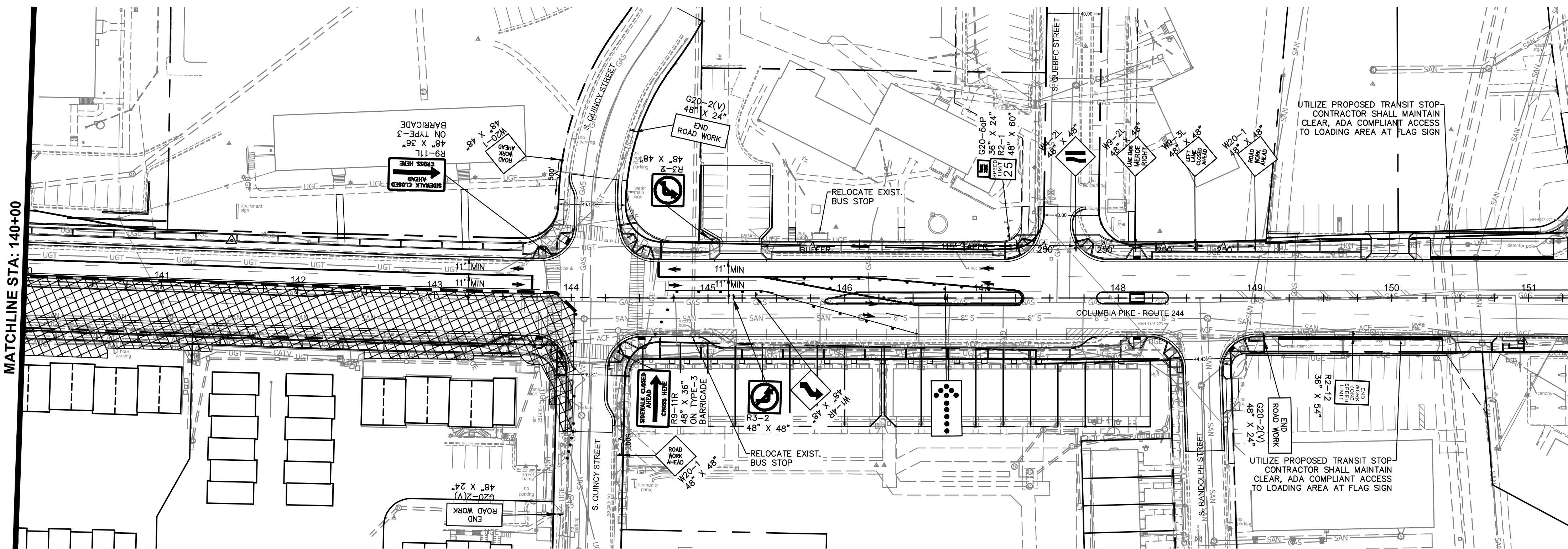
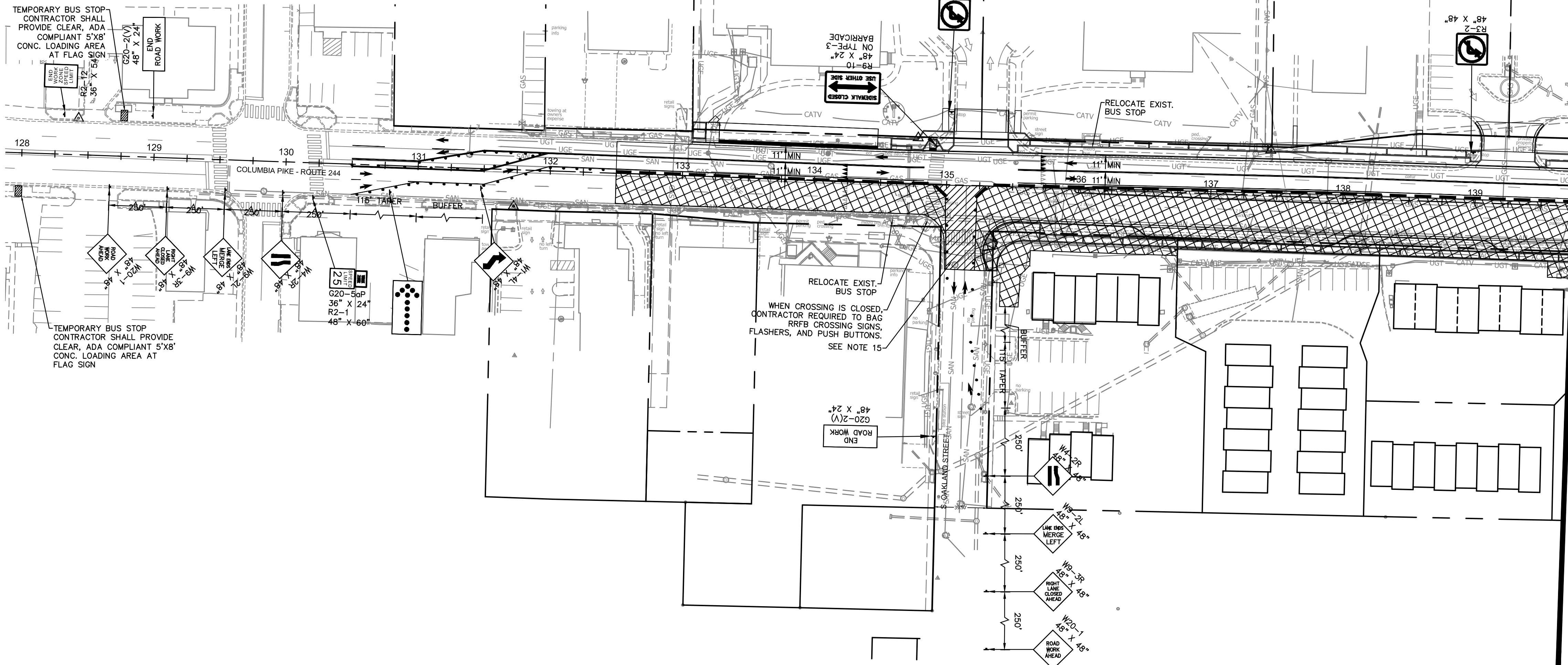
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Plotted: September 02, 2021
Plotted by: patrick.husted



DEPARTMENT OF
ENVIRONMENTAL SERVICES

10/19/2021
APPROVAL DATE

PHASE 3D
SEE NOTE 11, SHEET F19.1 FOR WORKING HOURS
POSTED SPEED LIMIT: 25 MPH
SEE DETOUR SHEET F19.27



NOTES:

1. TEMPORARY BUS STOPS SHALL FOLLOW ALL ADA-COMPLIANT GUIDELINES. THE PAD SHALL BE MADE OF ASPHALT MEASURING 5 FEET PARALLEL AND 8 FEET PERPENDICULAR TO THE ROADWAY.
2. RESTRICT PARKING FOR 70 FEET BEFORE AND 30 FEET AFTER AN INSTALLED TEMPORARY BUS STOP.
3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE ALL TEMPORARY PEDESTRIAN CROSSINGS MEET ADA STANDARDS.
4. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE ALL AREAS OF WORK ARE INCLUDED WITHIN MOT WORK ZONES AND ARE PROTECTED PER THE LATEST VERSION OF THE VA WAFM.
5. NO CONSTRUCTION VEHICLE OR EQUIPMENT MAY BE PLACED SUCH THAT IT EXTENDS INTO ACTIVE TRAVEL LANES/INTERSECTIONS AT ANY TIME UNLESS ENTERING/EXITING THE WORK AREA.
6. ALL VEHICLES WITHIN THE WORK AREA SHALL BE C A RROW BOARD EQUIPPED WITH THE CAUTION MODE OR AT LEAST ONE HIGH INTENSITY AMBER ROTATING, FLASHING, OR OSCILLATING LIGHT SHALL BE PARKED 80'-120' IN ADVANCE OF THE FIRST WORK CREW.
7. BUS STOPS ARE TO BE RETURNED TO ORIGINAL LOCATION UPON COMPLETION OF EACH STAGE UNLESS OTHERWISE NOTED
8. THE CONTRACTOR SHALL MAINTAIN RECTANGULAR RAPID FLASHING BEACON (RRFB) DURING CONSTRUCTION.
9. WORK ZONE AND TEMPORARY TRAFFIC CONTROLS MAY BE ADJUSTED BY INSPECTOR FOR SAFETY REASONS AT ANY TIME.
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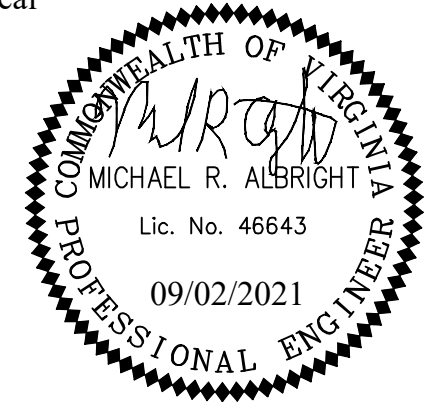
DEPARTMENT OF
ENVIRONMENTAL SERVICES

Facilities & Engineering Division
Engineering Bureau
2100 Clarendon Boulevard, Suite 813
Arlington, VA 22201
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Fax: 703-674-1350

Seal



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|-----------|------|
| Approvals | Date |
|-----------|------|

Design Team Engineer Supervisor

Construction Management Supervisor

Water, Sewer, Streets Bureau Chief

Transportation Director

Project Manager

| | |
|-----------|------|
| Revisions | Date |
|-----------|------|

Designed: EJD
 Drawn: OCD
 Checked: MRA
 Miss Utility Transmittal #:

Filename: 010073-F-MOT-PH3.dwg
 Path: K:\NA_RDWY\110010073 Columbia Pike Multimodal Production\Task
 7.5 Final Design of Columbia Pike Segments\Segment F7.5.2 - 100%
 Design\PlanSheets
 Plotted: September 02, 2021
 Plotted by: patrick.husted

ARLINGTON COUNTY, VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES

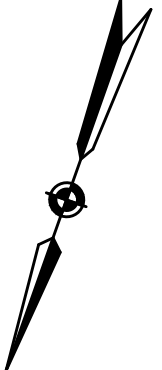
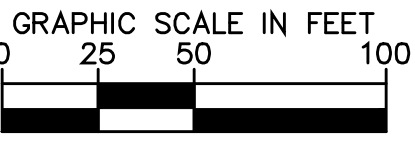
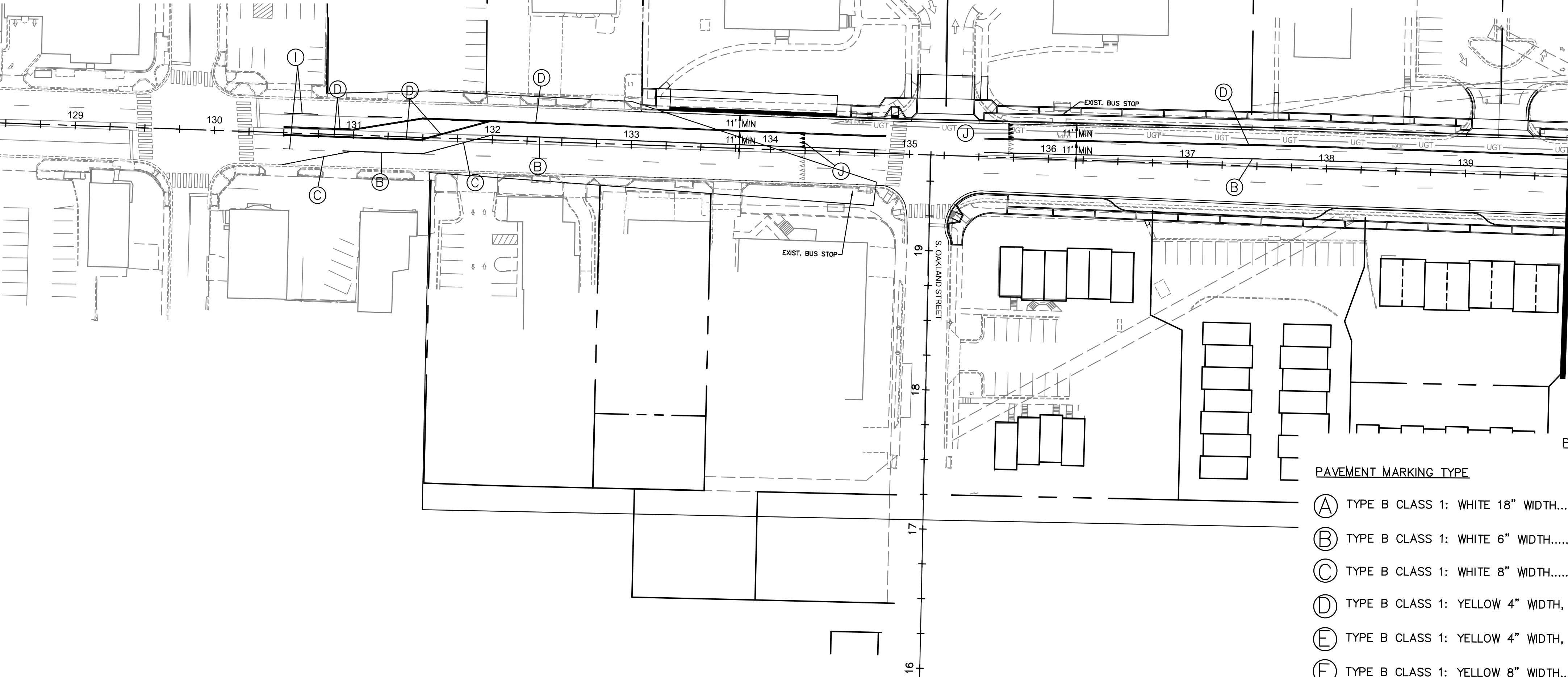
PHASE 3D MAINTENANCE OF TRAFFIC
COLUMBIA PIKE - ROUTE 244
COLUMBIA PIKE - MULTIMODAL STREET IMPROVEMENTS
SEGMENT F

| | | | |
|--------|-------------|--------|------------------|
| SCALE: | HOR. 1"=50' | SHEET: | F19.14 of F19.31 |
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DEPARTMENT OF
ENVIRONMENTAL SERVICES

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| 10/19/2021 |
| PROVAL DATE |

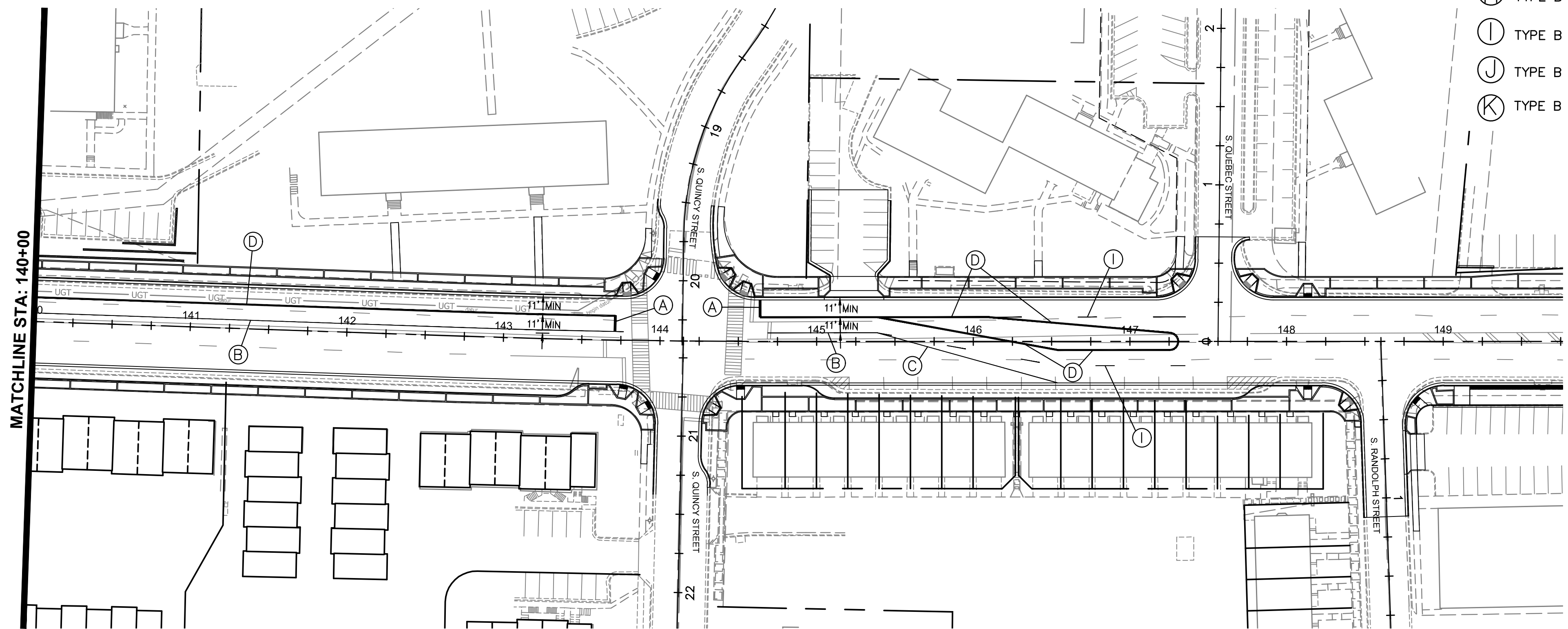
PHASE 3D STRIPING
POSTED SPEED LIMIT:
25 MPH ON COLUMBIA PIKE
25 MPH ON S. OAKLAND STREET
25 MPH ON S. QUINCY STREET



- NOTES:
1. ALL EXISTING PAVEMENT MARKINGS IN CONFLICT WITH PROPOSED TEMPORARY MARKINGS ARE TO BE FULLY ERADICATED OR AT MINIMUM FULLY COVERED USING CORROSION RESISTANT, NON-REFLECTIVE BLACK-OUT ADHESIVE TAPE. STREET WIDTH MEASURED FROM FACE OF CURB TO FACE OF CURB. LANE WIDTH MEASURED FROM CENTER OF MARKING TO CENTER OF MARKING.
 2. STOP BARS SHALL BE A MIN. OF 4' IN ADVANCE OF A MARKED CROSSWALK. IF NO CROSSWALK PRESENT, STOP BAR SHALL BE A MAX. 30' FROM THE NEAREST EDGE OF INTERSECTED TRAVELED WAY.

PAVEMENT MARKING LEGEND

| PAVEMENT MARKING TYPE | DESCRIPTION |
|--|----------------------------------|
| (A) TYPE B CLASS 1: WHITE 18" WIDTH..... | STOP BARS |
| (B) TYPE B CLASS 1: WHITE 6" WIDTH..... | EDGELINES, TRANSVERSE CROSSWALKS |
| (C) TYPE B CLASS 1: WHITE 8" WIDTH..... | EDGELINE TAPERS |
| (D) TYPE B CLASS 1: YELLOW 4" WIDTH, DOUBLE LINE, 4" SPACING..... | CENTERLINES |
| (E) TYPE B CLASS 1: YELLOW 4" WIDTH, DOUBLE 2' LINE, 4' SPACE..... | MINI-SKIP, INTERSECTIONS |
| (F) TYPE B CLASS 1: YELLOW 8" WIDTH..... | EDGELINE TAPERS |
| (G) TYPE B CLASS 1: YELLOW 6" WIDTH..... | EDGELINES |
| (H) TYPE B CLASS 1: WHITE 6" WIDTH, 2' LONG, 6' SPACING..... | MINI-SKIP |
| (I) TYPE B CLASS 1: WHITE 6" WIDTH, 10' LONG, 30' SPACING..... | SKIPS |
| (J) TYPE B CLASS 1: WHITE ISOSCELES TRIANGLE..... | YIELD LINE |
| (K) TYPE B CLASS 1: WHITE PAVEMENT MARKING SYMBOL..... | TURN LANE ARROW |





ARLINGTON
VIRGINIA


DEPARTMENT OF
ENVIRONMENTAL SERVICES

Facilities & Engineering Division
Engineering Bureau
2100 Clarendon Boulevard, Suite 813
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Phone: 703.228.3629
Fax: 703.228.3606

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Phone: 703-674-1500
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Seal



Approvals _____ Date _____

Design Team Engineer Supervisor _____

Construction Management Supervisor _____

Water, Sewer, Streets Bureau Chief _____

Transportation Director _____

Project Manager _____

| Revisions | Date |
|-----------|------|
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Designed: EJD
Drawn: OCD
Checked: MRA
Miss Utility Transmittal #:

Filename: 010073-F-MOT-PH3-STRP.dwg
Path: Z:\NVA_KORV\1100\0073 Columbia Pike Multimodal\Production\Task
11-2 Final Design of Columbia Pike Segment\Segment F\11-2-100%
Design\Plat sheets
Plotted: September 02, 2021
Plotted by: patrick.husted

ARLINGTON COUNTY, VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES

PHASE 3D STRIPING
COLUMBIA PIKE - ROUTE 244
COLUMBIA PIKE - MULTIMODAL STREET IMPROVEMENTS
SEGMENT F

SCALE: AS SHOWN SHEET: F19.14.1 of F19.31



ARLINGTON
VIRGINIA

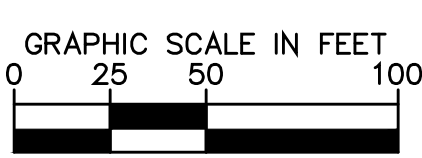
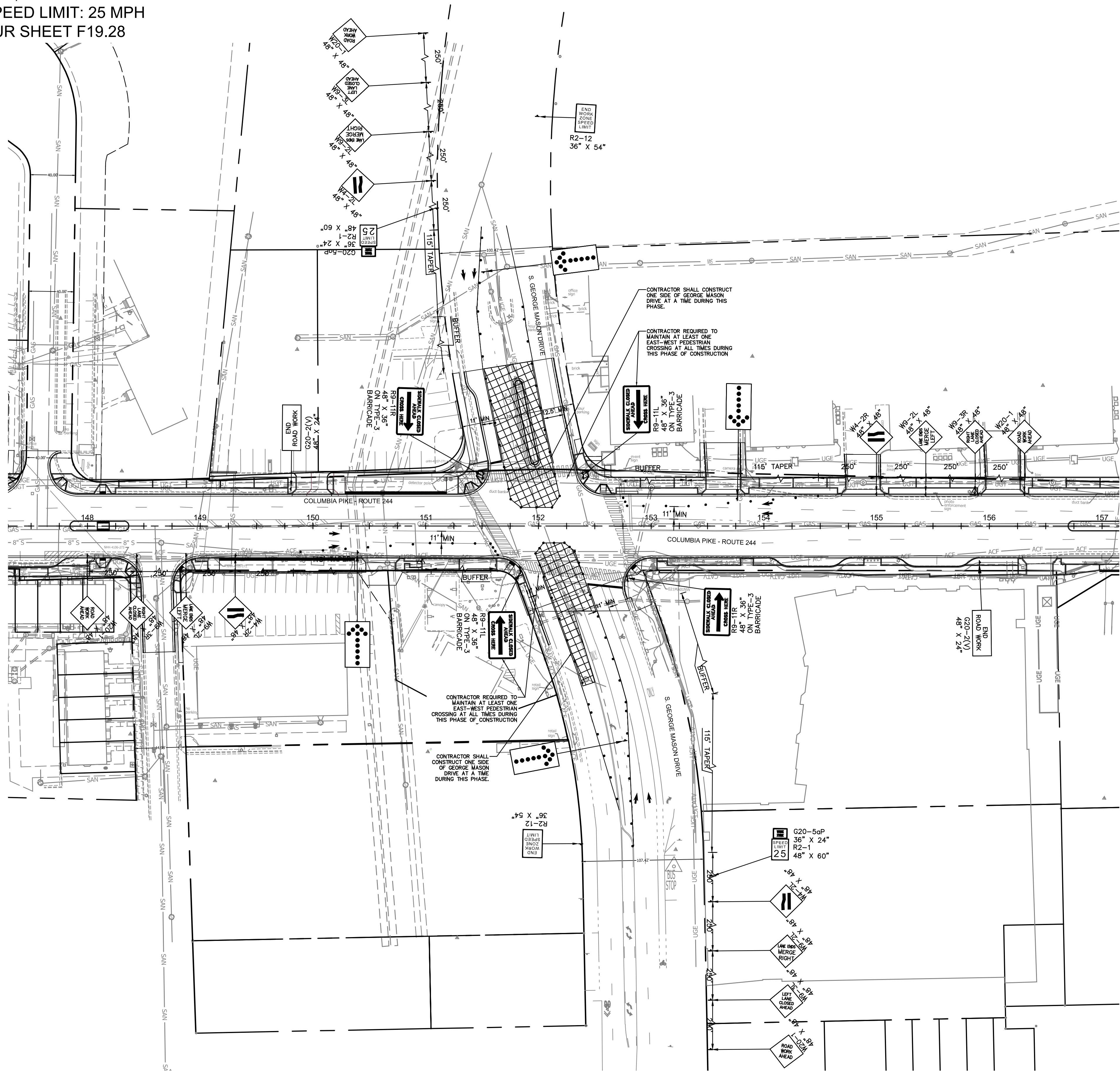
DEPARTMENT OF
ENVIRONMENTAL SERVICES



LUIS ARAYA
BUREAU CHIEF, DES - DEVELOPMENT SERVICES

10/19/2021
APPROVAL DATE

PHASE 4A
SEE NOTE 11, SHEET F19.1 FOR WORKING HOURS
POSTED SPEED LIMIT: 25 MPH
SEE DETOUR SHEET F19.28



NOTES:

1. TEMPORARY BUS STOPS SHALL FOLLOW ALL ADA-COMPLIANT GUIDELINES. THE PAD SHALL BE MADE OF ASPHALT MEASURING 5 FEET PARALLEL AND 8 FEET PERPENDICULAR TO THE ROADWAY.
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6. A SHADOW VEHICLE WITH EITHER A TYPE B OR C ARROW BOARD OPERATING IN THE CAUTION MODE OR AT LEAST ONE HIGH INTENSITY AMBER ROTATING, FLASHING, OR OSCILLATING LIGHT SHALL BE PARKED 80'-120' IN ADVANCE OF THE FIRST WORK CREW.
7. BUS STOPS ARE TO BE RETURNED TO ORIGINAL LOCATION UPON COMPLETION OF EACH STAGE UNLESS OTHERWISE NOTED.
8. THE CONTRACTOR SHALL MAINTAIN RECTANGULAR RAPID FLASHING BEACON (RRFB) DURING CONSTRUCTION.
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DEPARTMENT OF
ENVIRONMENTAL SERVICES

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Fax: 703-674-1500

Seal



Approvals Date

Design Team Engineer Supervisor

Construction Management Supervisor

Water, Sewer, Streets Bureau Chief

Transportation Director

Project Manager

Revisions Date

Designed: EJD
Drawn: OCD
Checked: MRA
Miss Utility Transmittal #:

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Plotted: September 02, 2021
Plotted by: patrick.husted

ARLINGTON COUNTY, VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES

PHASE 4A MAINTENANCE OF TRAFFIC
COLUMBIA PIKE - ROUTE 244
COLUMBIA PIKE - MULTIMODAL STREET IMPROVEMENTS
SEGMENT F

SCALE: HOR. 1"=50'

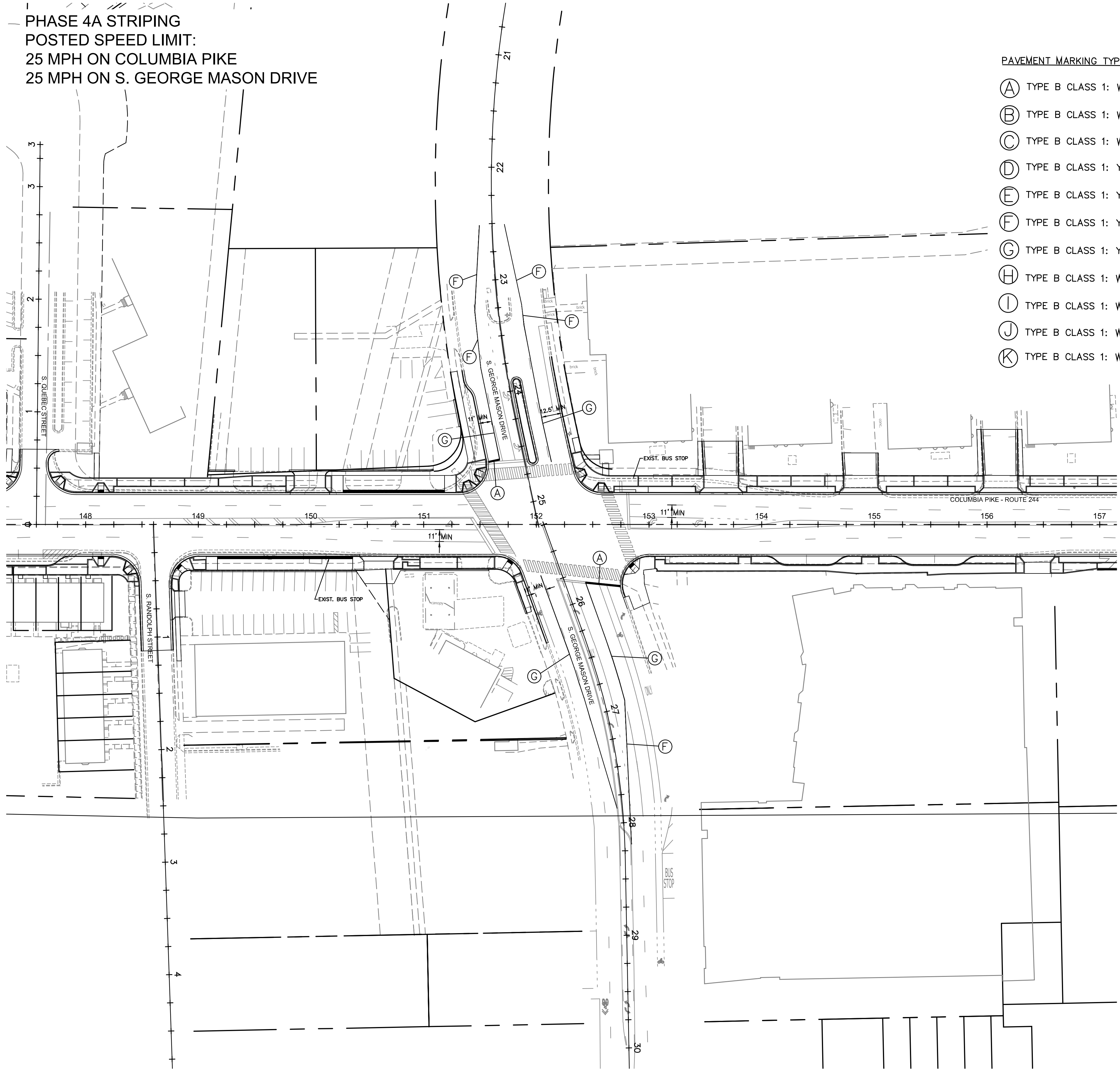
SHEET: F19.14.2 of F19.31



DEPARTMENT OF
ENVIRONMENTAL SERVICES

10/19/2021
APPROVAL DATE

PHASE 4A STRIPING
POSTED SPEED LIMIT:
25 MPH ON COLUMBIA PIKE
25 MPH ON S. GEORGE MASON DRIVE

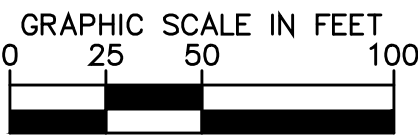


PAVEMENT MARKING LEGEND

| PAVEMENT MARKING TYPE | DESCRIPTION |
|--|----------------------------------|
| (A) TYPE B CLASS 1: WHITE 18" WIDTH..... | STOP BARS |
| (B) TYPE B CLASS 1: WHITE 6" WIDTH..... | EDGELINES, TRANSVERSE CROSSWALKS |
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| (D) TYPE B CLASS 1: YELLOW 4" WIDTH, DOUBLE LINE, 4" SPACING..... | CENTERLINES |
| (E) TYPE B CLASS 1: YELLOW 4" WIDTH, DOUBLE 2' LINE, 4' SPACE..... | MINI-SKIP, INTERSECTIONS |
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| (H) TYPE B CLASS 1: WHITE 6" WIDTH, 2' LONG, 6' SPACING..... | MINI-SKIP |
| (I) TYPE B CLASS 1: WHITE 6" WIDTH, 10' LONG, 30' SPACING..... | SKIPS |
| (J) TYPE B CLASS 1: WHITE ISOSCELES TRIANGLE..... | YIELD LINE |
| (K) TYPE B CLASS 1: WHITE PAVEMENT MARKING SYMBOL..... | TURN LANE ARROW |

NOTES:

- ALL EXISTING PAVEMENT MARKINGS IN CONFLICT WITH PROPOSED TEMPORARY MARKINGS ARE TO BE FULLY ERADICATED OR AT MINIMUM FULLY COVERED USING CORROSION RESISTANT, NON-REFLECTIVE BLACK-OUT ADHESIVE TAPE.
- STREET WIDTH MEASURED FROM FACE OF CURB TO FACE OF CURB. LANE WIDTH MEASURED FROM CENTER OF MARKING TO CENTER OF MARKING.
- STOP BARS SHALL BE A MIN. OF 4' IN ADVANCE OF A MARKED CROSSWALK. IF NO CROSSWALK PRESENT, STOP BAR SHALL BE A MAX. 30' FROM THE NEAREST EDGE OF INTERSECTED TRAVELED WAY.



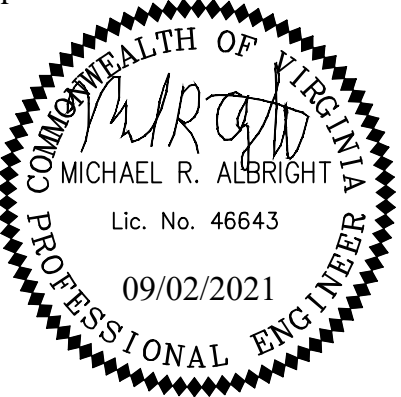
DEPARTMENT OF
ENVIRONMENTAL SERVICES

Facilities & Engineering Division
Engineering Bureau
2100 Clarendon Boulevard, Suite 813
Arlington, VA 22201
Phone: 703.228.3629
Fax: 703.228.3606

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Reston, Virginia 20191
Phone: 703-674-1500
Fax: 703-674-1500

Seal



Approvals _____ Date _____

Design Team Engineer Supervisor _____

Construction Management Supervisor _____

Water, Sewer, Streets Bureau Chief _____

Transportation Director _____

Project Manager _____

| Revisions | Date |
|-----------|------|
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Designed: EJD
Drawn: OCD
Checked: MRA
Miss Utility Transmittal #:

Filename: 010073-F-MOT-PH3-STRP.dwg
Path: \\F:\2021\Design\010073 Columbia Pike Multimodal\Production\Task
Design\TaskSheet
Plotted: September 02, 2021
Plotted by: patrick.husted

ARLINGTON COUNTY, VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES

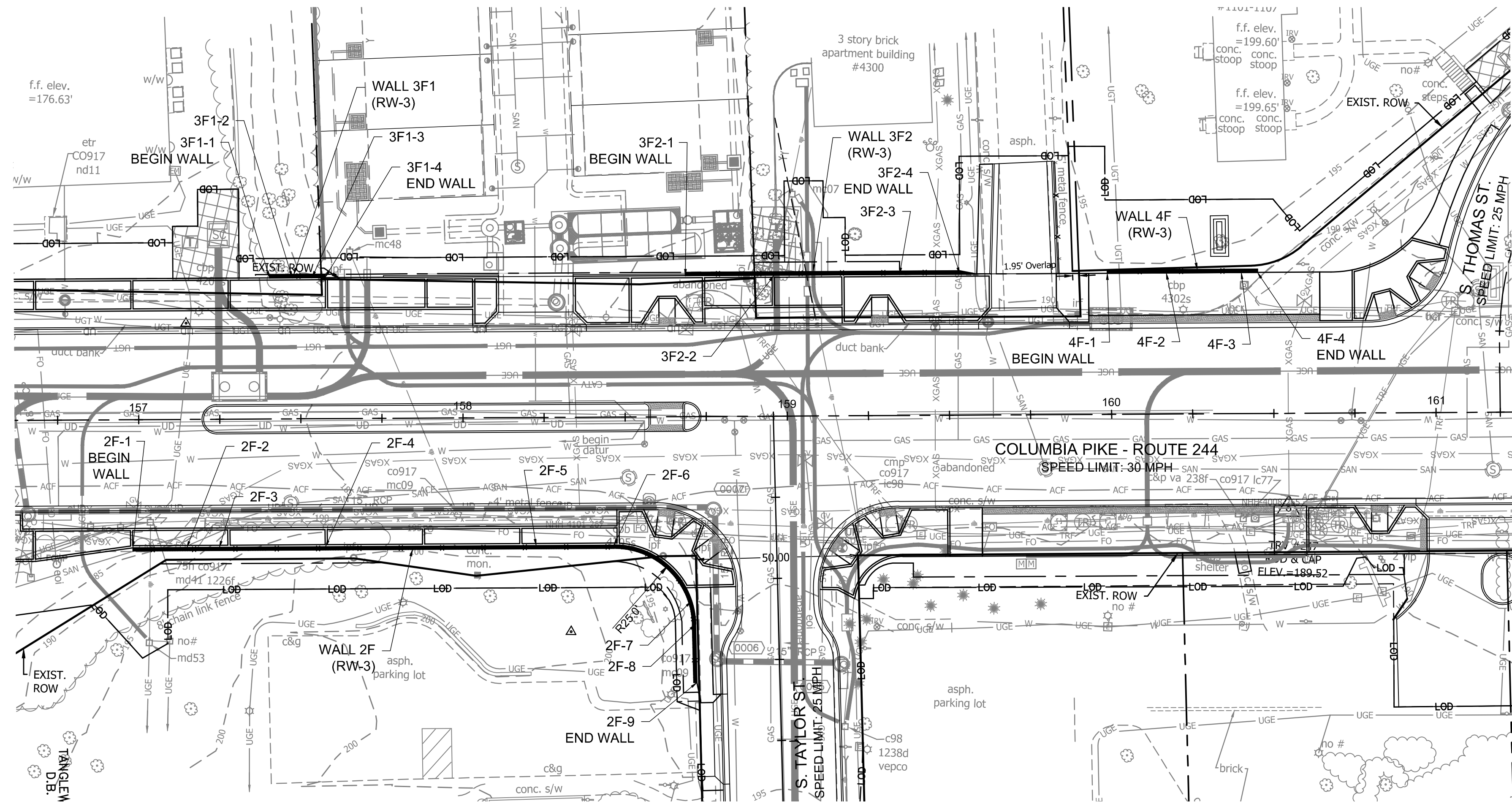
PHASE 4A STRIPING
COLUMBIA PIKE - ROUTE 244
COLUMBIA PIKE - MULTIMODAL STREET IMPROVEMENTS
SEGMENT F

SCALE: AS SHOWN SHEET: F19.14.3 of F19.31



DEPARTMENT OF
ENVIRONMENTAL SERVICES

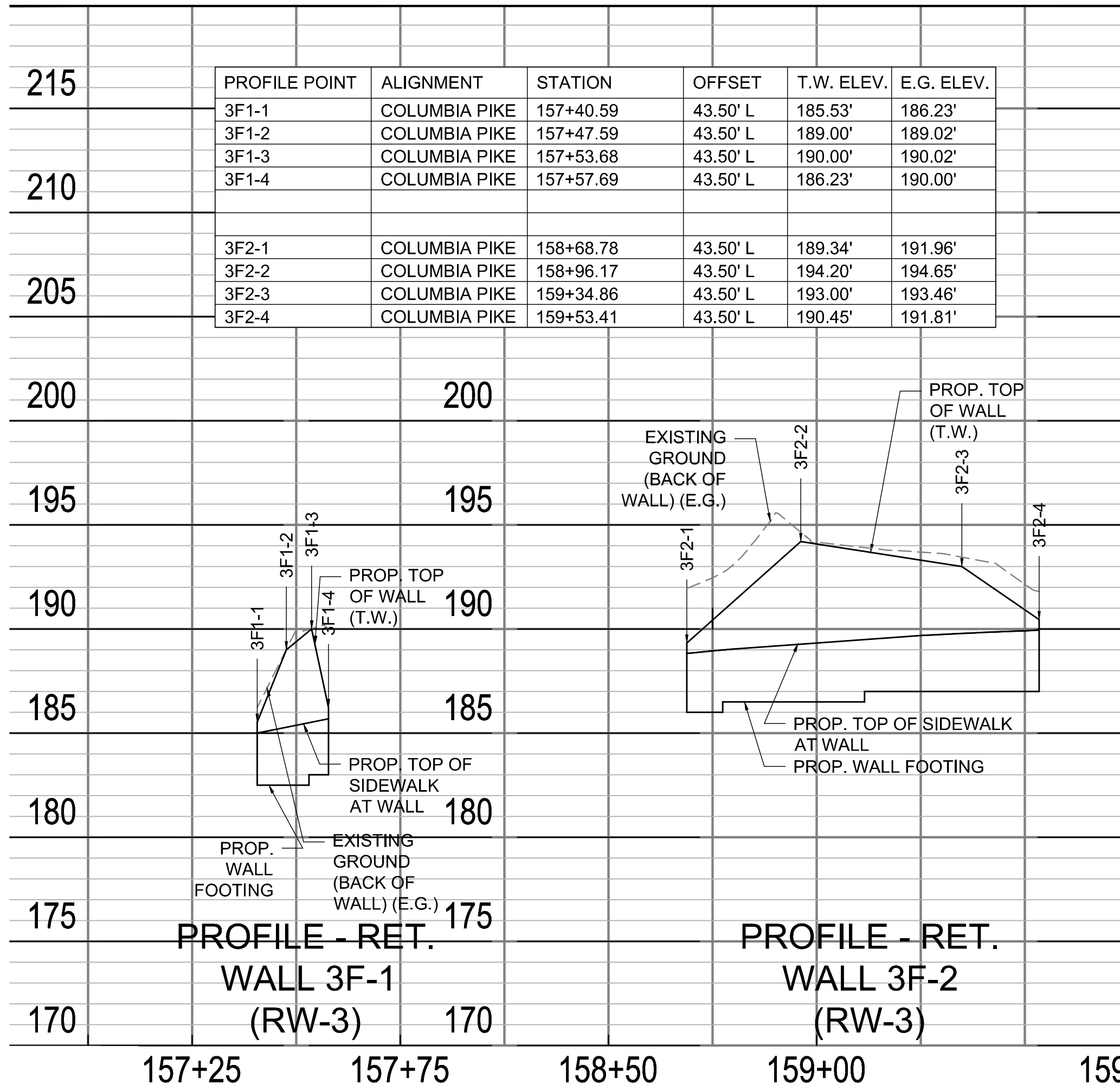
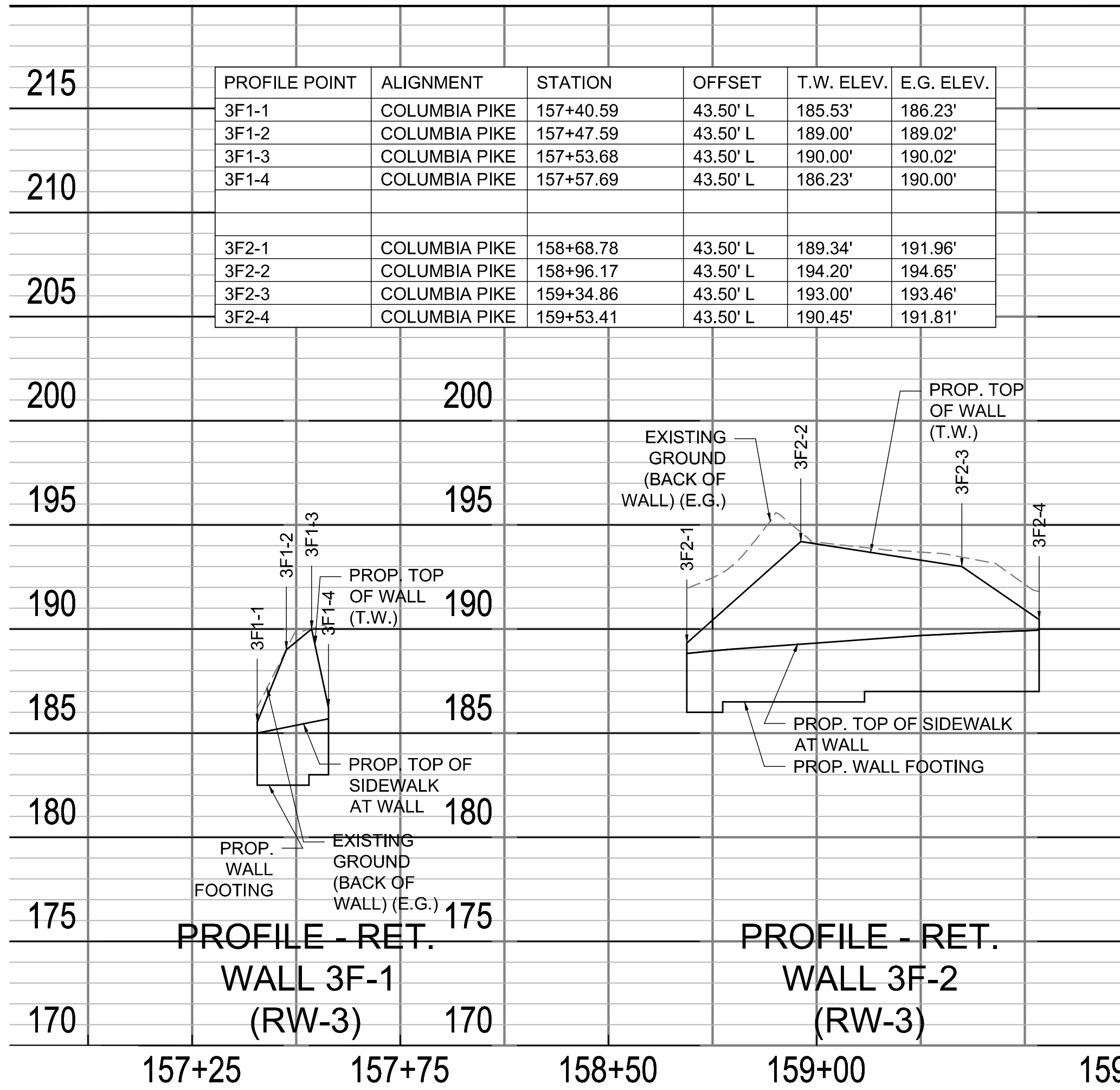
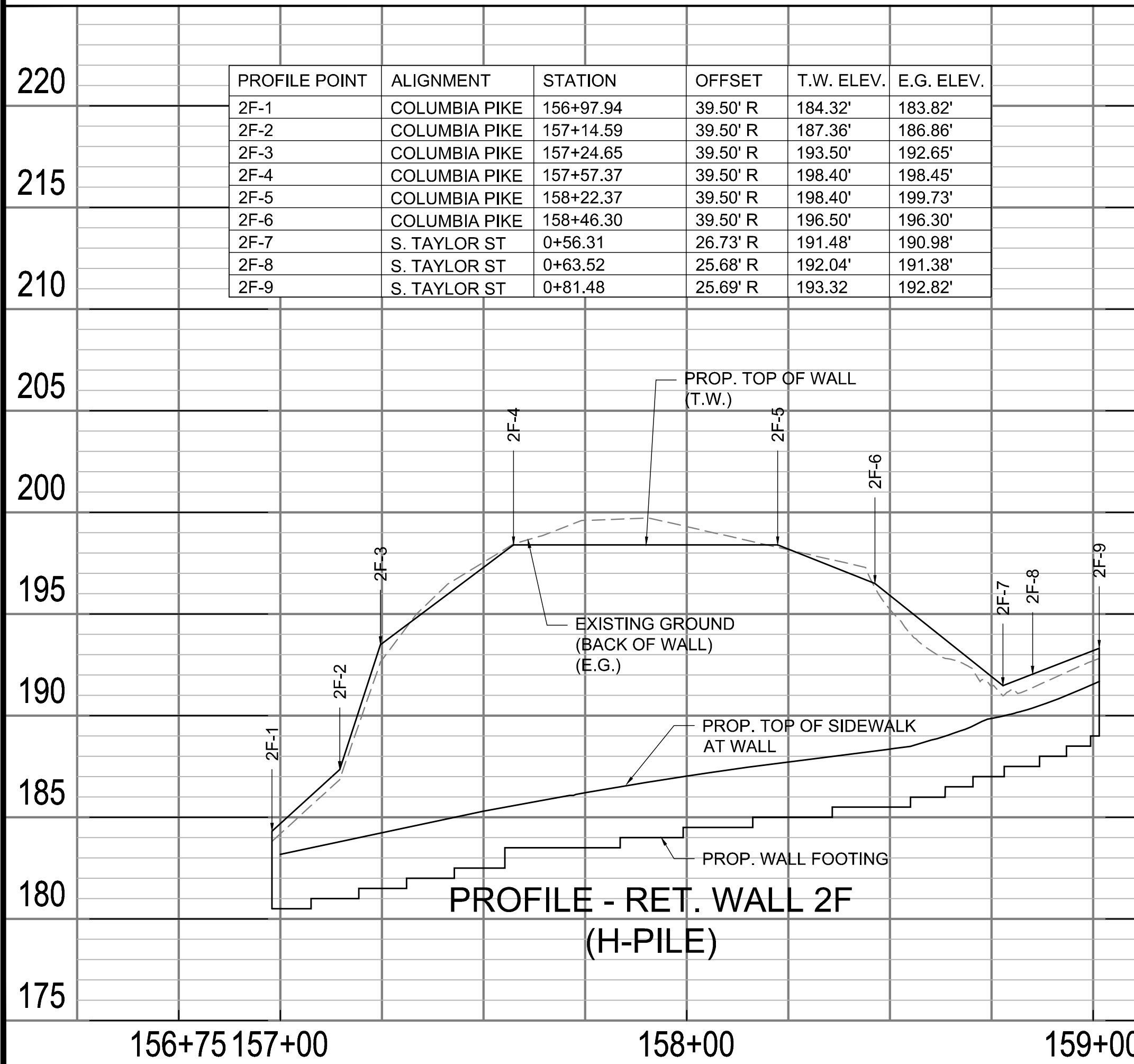
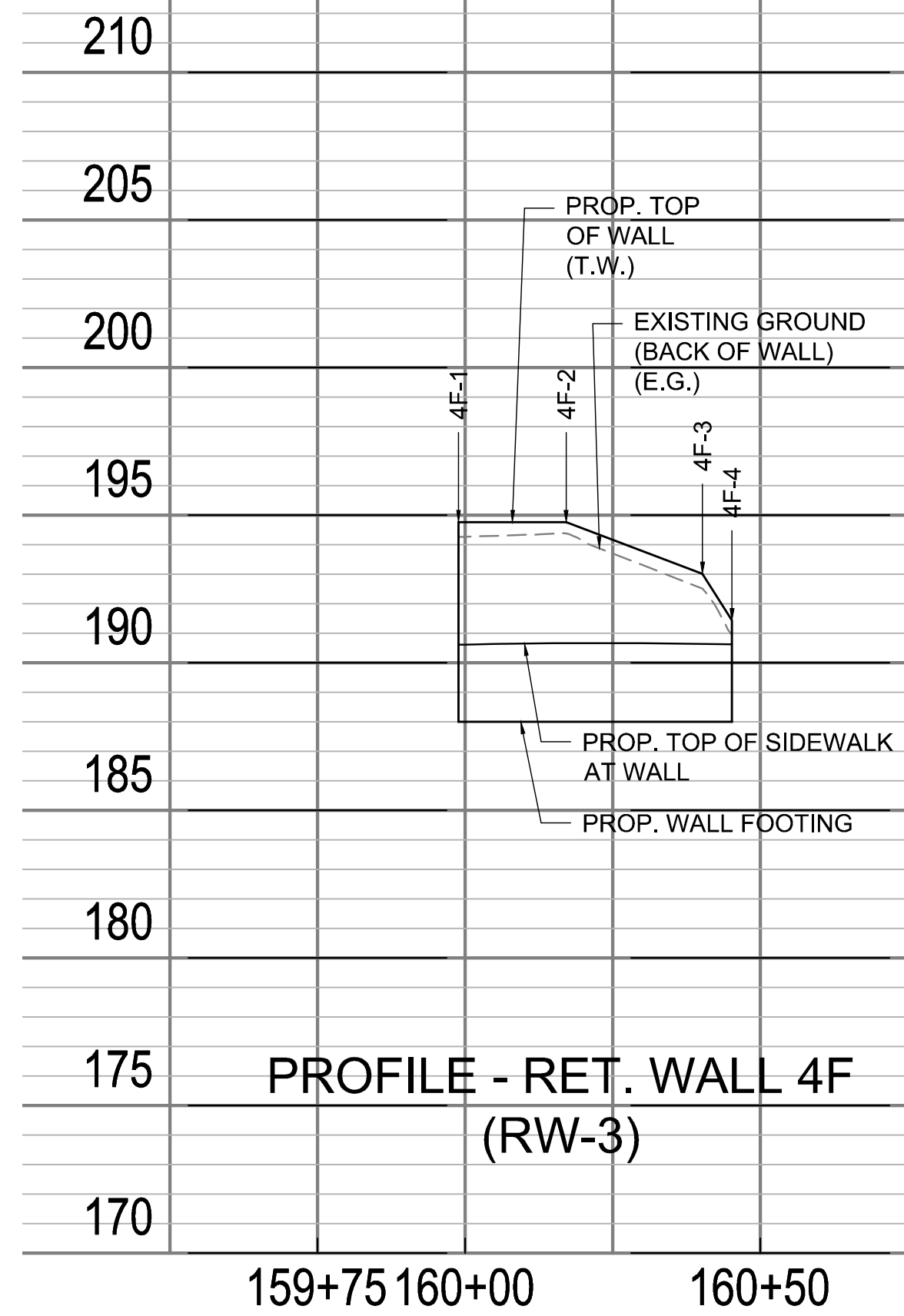
10/19/2021
APPROVAL DATE



NOTES:

- SEE SHEET F20.1 FOR RETAINING WALL STANDARD DETAILS AND SPECIFICATIONS.
- OFFSETS SHOWN FOR WALL GEOMETRY POINTS ARE MEASURED TO THE FACE OF WALL FROM THE RESPECTIVE ALIGNMENT USED. (SEE POINT OF OFFSET DETAIL - SHEET F20.2).
- RET. WALL 2F SHALL HAVE A VDOT STD. HR-1 HANDRAIL INSTALLED FOR THE ENTIRE LENGTH OF THE WALL (SEE DETAIL SHEET F20.1).

| PROFILE POINT | ALIGNMENT | STATION | OFFSET | T.W. ELEV. | E.G. ELEV. |
|---------------|---------------|-----------|----------|------------|------------|
| 4F-1 | COLUMBIA PIKE | 159+98.87 | 43.50' L | 194.77' | 193.94' |
| 4F-2 | COLUMBIA PIKE | 160+17.11 | 43.50' L | 194.77' | 194.08' |
| 4F-3 | COLUMBIA PIKE | 160+40.20 | 43.50' L | 193.02' | 192.20' |
| 4F-4 | COLUMBIA PIKE | 160+45.18 | 43.50' L | 191.38' | 190.58' |



ARLINGTON COUNTY, VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES

RET. WALL ELEVATION PROFILES
COLUMBIA PIKE - ROUTE 244
COLUMBIA PIKE - MULTIMODAL STREET IMPROVEMENTS
SEGMENT F

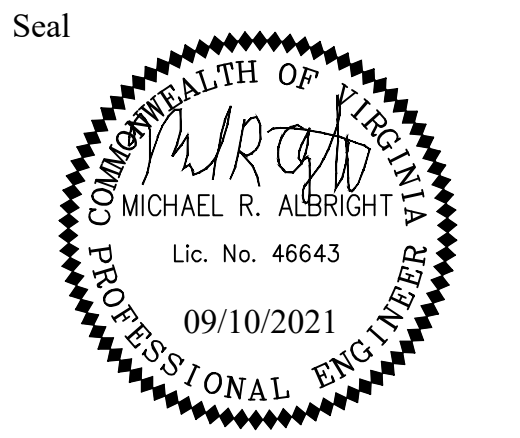
SCALE: HOR. 1" = 25' VERT. 1" = 5' SHEET: F20.3 of F20.4



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Approvals Date

Design Team Engineer Supervisor

Construction Management Supervisor

Water, Sewer, Streets Bureau Chief

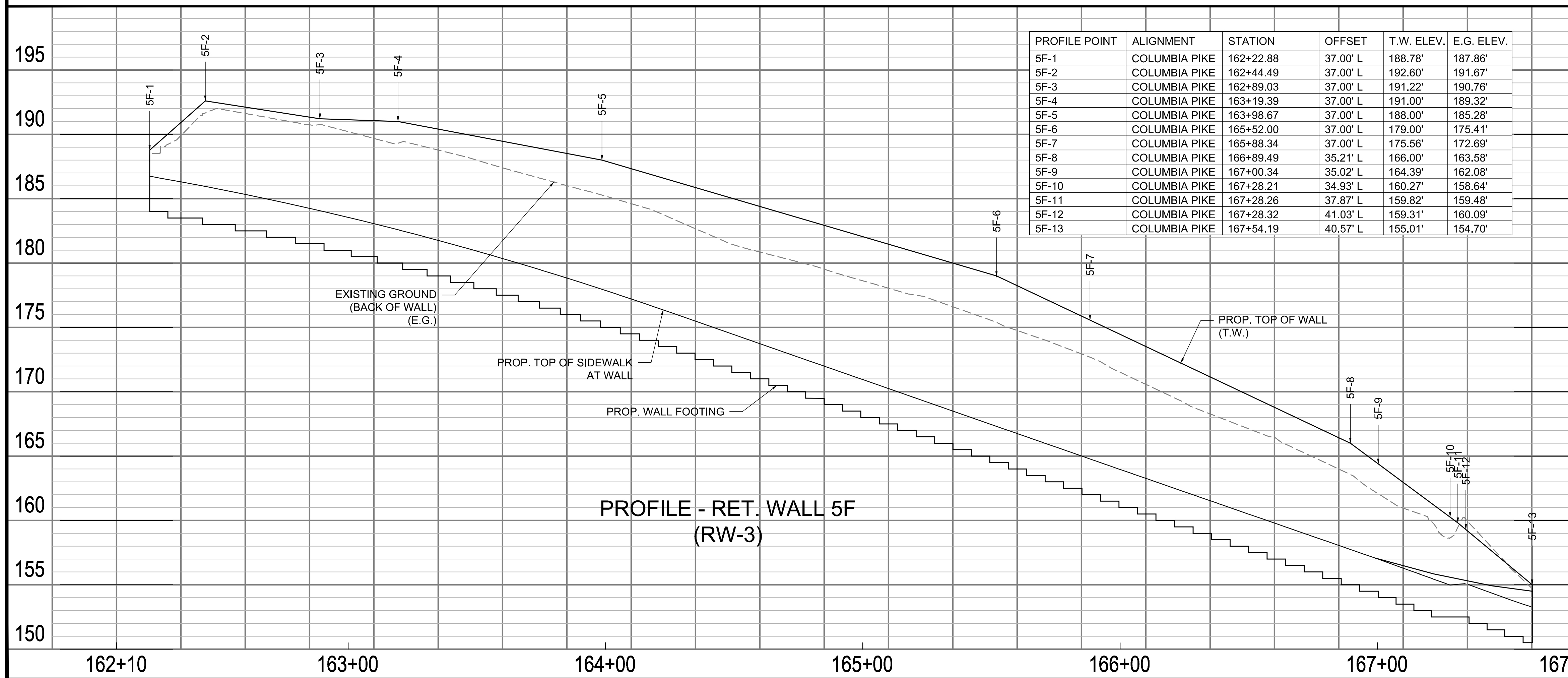
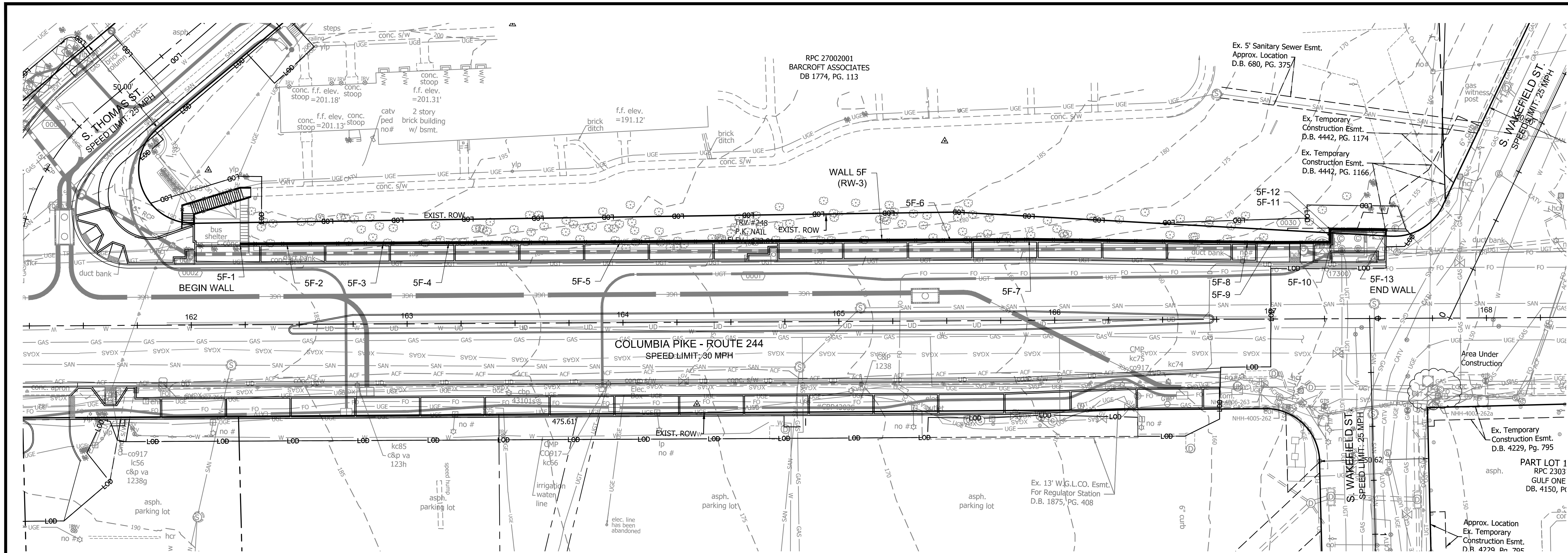
Transportation Director

Project Manager

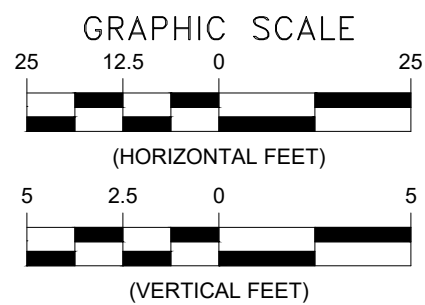
| Revisions | Date |
|-----------|------|
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Designed: EJD
Drawn: EJD
Checked: MRA
Miss Utility Transmittal #:

Filename: 010073-F-WALL.dwg
Path: \\F:\Projects\010073-F-WALL\010073-F-WALL.dwg
Plotted: September 10, 2021
Plotted by: patrick.husted



| PROFILE POINT | ALIGNMENT | STATION | OFFSET | T.W. ELEV. | E.G. ELEV. |
|---------------|---------------|-----------|----------|------------|------------|
| 5F-1 | COLUMBIA PIKE | 162+22.88 | 37.00' L | 188.78' | 187.86' |
| 5F-2 | COLUMBIA PIKE | 162+44.49 | 37.00' L | 192.60' | 191.67' |
| 5F-3 | COLUMBIA PIKE | 162+89.03 | 37.00' L | 191.22' | 190.76' |
| 5F-4 | COLUMBIA PIKE | 163+19.39 | 37.00' L | 191.00' | 189.32' |
| 5F-5 | COLUMBIA PIKE | 163+98.67 | 37.00' L | 188.00' | 185.28' |
| 5F-6 | COLUMBIA PIKE | 165+52.00 | 37.00' L | 179.00' | 175.41' |
| 5F-7 | COLUMBIA PIKE | 165+88.34 | 37.00' L | 175.56' | 172.69' |
| 5F-8 | COLUMBIA PIKE | 166+89.49 | 35.21' L | 166.00' | 163.58' |
| 5F-9 | COLUMBIA PIKE | 167+00.34 | 35.02' L | 164.39' | 162.08' |
| 5F-10 | COLUMBIA PIKE | 167+28.21 | 34.93' L | 160.27' | 158.64' |
| 5F-11 | COLUMBIA PIKE | 167+28.26 | 37.87' L | 159.82' | 159.48' |
| 5F-12 | COLUMBIA PIKE | 167+28.32 | 41.03' L | 159.31' | 160.09' |
| 5F-13 | COLUMBIA PIKE | 167+54.19 | 40.57' L | 155.01' | 154.70' |



NOTES:

- SEE SHEET F20.1 FOR RETAINING WALL STANDARD DETAILS AND SPECIFICATIONS.
- OFFSETS SHOWN FOR WALL GEOMETRY POINTS ARE MEASURED TO THE FACE OF WALL FROM THE RESPECTIVE ALIGNMENT USED. (SEE POINT OF OFFSET DETAIL - SHEET F20.2).
- RET. WALL 5F SHALL HAVE A VDOT STD. HR-1 HANDRAIL INSTALLED ALONG THE ENTIRE LENGTH OF THE TOP OF WALL (SEE DETAIL SHEET F20.1).

ARLINGTON COUNTY, VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES

RET. WALL ELEVATION PROFILES
COLUMBIA PIKE - ROUTE 244
COLUMBIA PIKE - MULTIMODAL STREET IMPROVEMENTS
SEGMENT F

SCALE: HOR. 1" = 25' VERT. 1" = 5' SHEET: F20.4 of F20.4

ARLINGTON
VIRGINIA

DEPARTMENT OF
ENVIRONMENTAL SERVICES

Facilities & Engineering Division
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COMMONWEALTH OF VIRGINIA
MICHAEL R. ALBRIGHT
Lic. No. 46643
09/10/2021
PROFESSIONAL ENGINEER

Approvals Date

Design Team Engineer Supervisor

Construction Management Supervisor

Water, Sewer, Streets Bureau Chief

Transportation Director

Project Manager

Revisions Date

Designed: EJD
Drawn: EJD
Checked: MRA
Miss Utility Transmittal #:

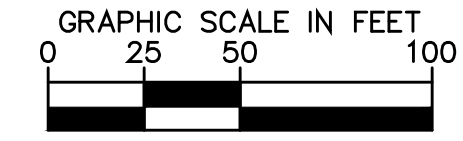
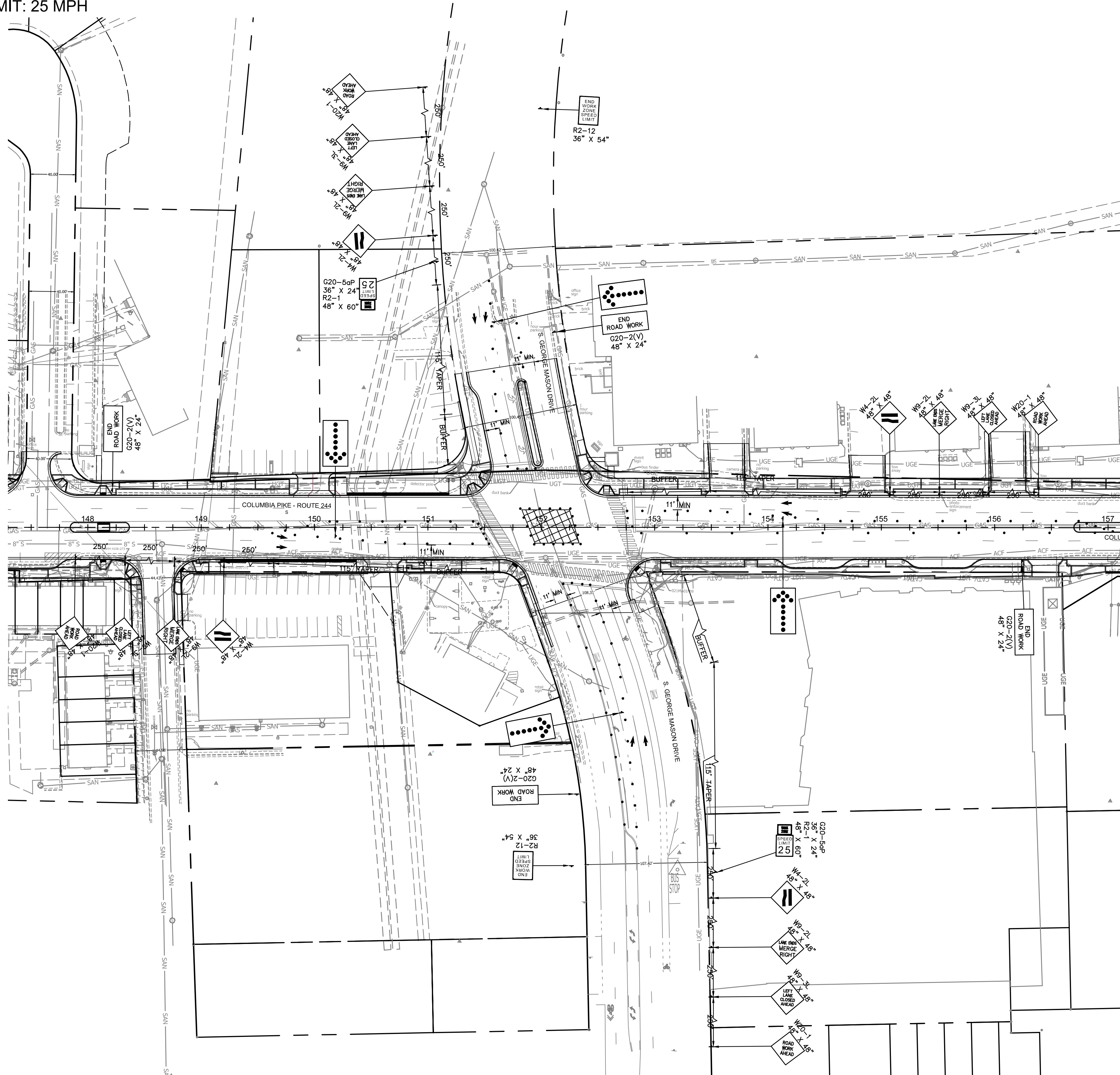
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Plotted: September 10, 2021
Plotted by: patrick.husted

ARLINGTON
VIRGINIA

DEPARTMENT OF
ENVIRONMENTAL SERVICES

10/19/2021
APPROVAL DATE

PHASE 4B
SEE NOTE 11, SHEET F19.1 FOR WORKING HOURS
POSTED SPEED LIMIT: 25 MPH



NOTES:

1. TEMPORARY BUS STOPS SHALL FOLLOW ALL ADA-COMPLIANT GUIDELINES. THE PAD SHALL BE MADE OF ASPHALT MEASURING 5 FEET PARALLEL AND 8 FEET PERPENDICULAR TO THE ROADWAY.
2. RESTRICT PARKING FOR 70 FEET BEFORE AND 30 FEET AFTER AN INSTALLED TEMPORARY BUS STOP.
3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE ALL TEMPORARY PEDESTRIAN CROSSINGS MEET ADA STANDARDS.
4. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE ALL AREAS OF WORK ARE INCLUDED WITHIN MOT WORK ZONES AND ARE PROTECTED PER THE LATEST VERSION OF THE VA WAPM.
5. NO CONSTRUCTION VEHICLE OR EQUIPMENT MAY BE PLACED SUCH THAT IT EXTENDS INTO ACTIVE TRAVEL LANES/INTERSECTIONS AT ANY TIME UNLESS AN INTERMITTENTLY WORKING AREA OR A SHADOW VEHICLE WITH EITHER A TYPE B OR C ARROW BOARD OPERATING IN THE CAUTION MODE OR AT LEAST ONE HIGH INTENSITY AMBER ROTATING, FLASHING, OR OSCILLATING LIGHT SHALL BE PARKED 80'-120' IN ADVANCE OF THE FIRST WORK CREW.
7. BUS STOPS ARE TO BE RETURNED TO ORIGINAL LOCATION UPON COMPLETION OF EACH STAGE UNLESS OTHERWISE NOTED
8. THE CONTRACTOR SHALL MAINTAIN REGULARLY FLASHING BEACON (RRFB) DURING CONSTRUCTION
9. WORK ZONE AND TEMPORARY TRAFFIC CONTROLS MAY BE ADJUSTED BY INSPECTOR FOR SAFETY REASONS AT ANY TIME.
10. BUS STOP SHELTERS TO BE DISPOSED OF AFTER FINAL TEMPORARY RELOCATION UNLESS OTHERWISE NOTED. IF SHELTER IS NOTED FOR SALVAGE, IT SHALL BE INSTALLED AT A FINAL TRANSIT STATION LOCATION AS DIRECTED BY THE COUNTY.
11. THE CONTRACTOR SHALL COORDINATE ALL BUS STOP RELOCATIONS AND CLOSURES WITH ARLINGTON COUNTY AND WMATA 4 WEEKS MINIMUM IN ADVANCE OF IMPLEMENTING THE TRAFFIC CONTROL SHOWN. COUNTY TRANSIT CONTACT: DIANE TRENT (703-228-3049)
12. ADA ACCESSIBILITY MEASURES MAY INCLUDE TEMPORARY ASPHALT RAMP TO BE NO GREATER THAN 5% GRADE FROM ROAD SURFACE TO SIDEWALK ELEVATION, WITH 4" PVC PIPE PLACED IN FLOW LINE OF GUTTER TO MAINTAIN DRAINAGE.
13. CHANGELING DEVICES SHALL BE INSTALLED AND ADJUSTED IN THE FIELD TO ACCOMMODATE BUS TURNING MOVEMENTS. BUS TURNING MOVEMENTS SHOULD BE ACCOMMODATED WITHIN THE WORK LIMITS WHENEVER POSSIBLE.
14. CONTRACTOR TO MAINTAIN PRIVATE AND COMMERCIAL DRIVEWAY ACCESS WITHIN THE WORK ZONE AT ALL TIMES. IF A DRIVEWAY MUST BE TEMPORARILY CLOSED THE CONTRACTOR SHALL NOTIFY THE COUNTY AND OWNER A MIN. OF 7 DAYS IN ADVANCE.
15. FOR ANY SPECIFIC AREA IDENTIFIED, AREA TO BE CONSTRUCTED UNDER SHORT-TERM FLAGGING OPERATION. SIGNAL MUST BE TURNED OFF, AND INTERSECTION UNDER POLICE CONTROL. AREA SHALL BE RETURNED TO TEMP. PAVEMENT OR PLATED AT END OF EACH WORK PERIOD AND RE-OPENED TO TRAFFIC. CONTRACTOR SHALL COORDINATE WITH ARLINGTON COUNTY AND POLICE PRIOR TO BEGINNING WORK IN THIS AREA.



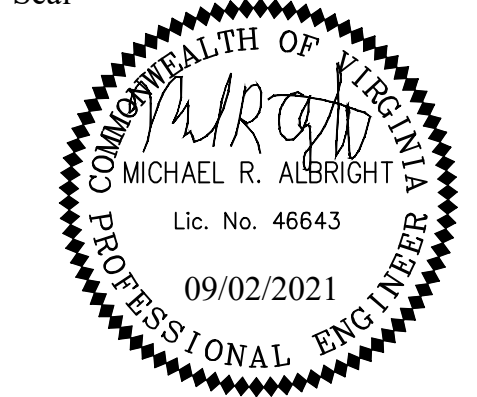
DEPARTMENT OF
ENVIRONMENTAL SERVICES

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| Approvals | Date |
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Design Team Engineer Supervisor

Construction Management Supervisor

Water, Sewer, Streets Bureau Chief

Transportation Director

Project Manager

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| Revisions | Date |
|-----------|------|

Designed: EJD
 Drawn: OCD
 Checked: MRA
 Miss Utility Transmittal #:

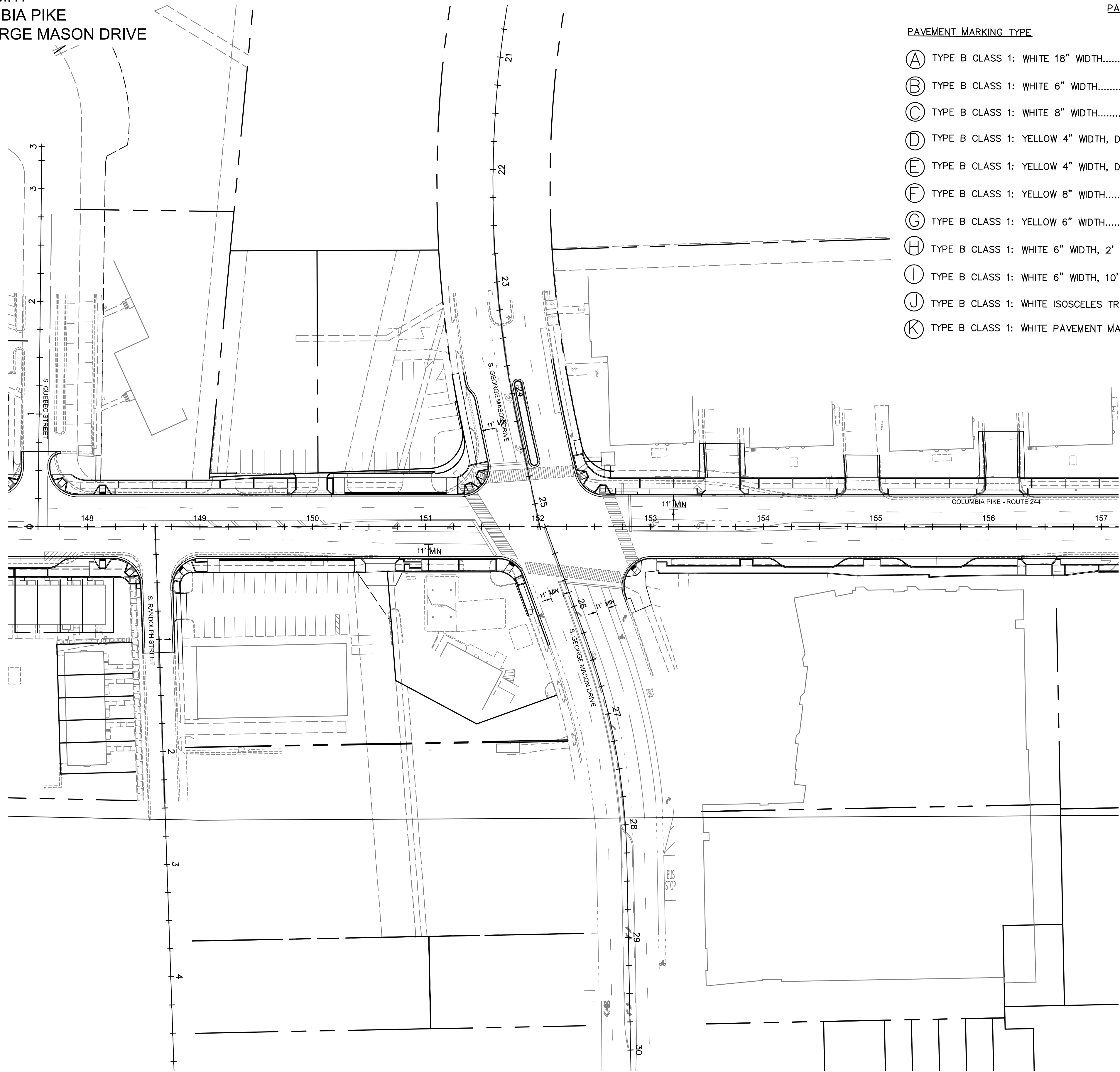
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 7.5 Final Design Columbia Pike Segments\Segment F17.5.2 - 100%
 Design\PlanSheets
 Plotted: September 02, 2021
 Plotted by: patrick.husted

ARLINGTON COUNTY, VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES

PHASE 4B MAINTENANCE OF TRAFFIC
COLUMBIA PIKE - ROUTE 244
COLUMBIA PIKE - MULTIMODAL STREET IMPROVEMENTS
SEGMENT F

| | | | |
|--------|-------------|--------|------------------|
| SCALE: | HOR. 1"=50' | SHEET: | F19.15 of F19.31 |
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PHASE 4B STRIPING
POSTED SPEED LIMIT:
25 MPH ON COLUMBIA PIKE
25 MPH ON S. GEORGE MASON DRIVE

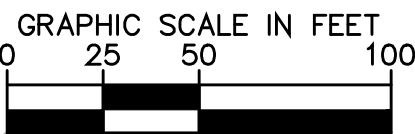


PAVEMENT MARKING LEGEND

| PAVEMENT MARKING TYPE | DESCRIPTION |
|--|----------------------------------|
| (A) TYPE B CLASS 1: WHITE 18" WIDTH..... | STOP BARS |
| (B) TYPE B CLASS 1: WHITE 6" WIDTH..... | EDGELINES, TRANSVERSE CROSSWALKS |
| (C) TYPE B CLASS 1: WHITE 8" WIDTH..... | EDGELINE TAPERS |
| (D) TYPE B CLASS 1: YELLOW 4" WIDTH, DOUBLE LINE, 4" SPACING..... | CENTERLINES |
| (E) TYPE B CLASS 1: YELLOW 4" WIDTH, DOUBLE 2' LINE, 4' SPACE..... | MINI-SKIP, INTERSECTIONS |
| (F) TYPE B CLASS 1: YELLOW 8" WIDTH..... | EDGELINE TAPERS |
| (G) TYPE B CLASS 1: YELLOW 6" WIDTH..... | EDGELINES |
| (H) TYPE B CLASS 1: WHITE 6" WIDTH, 2' LONG, 6' SPACING..... | MINI-SKIP |
| (I) TYPE B CLASS 1: WHITE 6" WIDTH, 10' LONG, 30' SPACING..... | SKIPS |
| (J) TYPE B CLASS 1: WHITE ISOSCELES TRIANGLE..... | YIELD LINE |
| (K) TYPE B CLASS 1: WHITE PAVEMENT MARKING SYMBOL..... | TURN LANE ARROW |

NOTES:

- ALL EXISTING PAVEMENT MARKINGS IN CONFLICT WITH PROPOSED TEMPORARY MARKINGS ARE TO BE FULLY ERADICATED OR AT MINIMUM FULLY COVERED USING CORROSION RESISTANT, NON-REFLECTIVE BLACK-OUT ADHESIVE TAPE.
- STREET WIDTH MEASURED FROM FACE OF CURB TO FACE OF CURB. LANE WIDTH MEASURED FROM CENTER OF MARKING TO CENTER OF MARKING.
- STOP BARS SHALL BE A MIN. OF 4' IN ADVANCE OF A MARKED CROSSWALK. IF NO CROSSWALK PRESENT, STOP BAR SHALL BE A MAX. 30' FROM THE NEAREST EDGE OF INTERSECTED TRAVELED WAY.
- CONTRACTOR TO MAINTAIN AND UTILIZE EXISTING STRIPING DURING PHASE 4B AND CHANNELIZE TRAFFIC USING BARRELS AS SHOWN IN THE PHASE 4B MOT PLAN (SHEET F19.15). PHASE 4B WORK AREA IS TO BE PLATED AND RE-OPENED TO TRAFFIC AT THE END OF EACH WORK DAY AND THEREFORE DOES NOT REQUIRE SEPARATE TEMPORARY STRIPING.



DEPARTMENT OF ENVIRONMENTAL SERVICES

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Seal



Approvals Date

Design Team Engineer Supervisor

Construction Management Supervisor

Water, Sewer, Streets Bureau Chief

Transportation Director

Project Manager

| Revisions | Date |
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Designed: EJD
Drawn: OCD
Checked: MRA
Miss Utility Transmittal #:

Filename: 010073-F-MOT-PH3-STRP.dwg
Path: C:\NVA_KOR\Y110610073 Columbia Pike Multimodal\Production\Task
1 - 27 Final Design of Columbia Pike Segment\Segment F\1 - 100%
Design\PlatSheet
Plotted: September 02, 2021
Plotted by: patrick.husted

ARLINGTON COUNTY, VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES

PHASE 4B STRIPING
COLUMBIA PIKE - ROUTE 244
COLUMBIA PIKE - MULTIMODAL STREET IMPROVEMENTS
SEGMENT F

SCALE: HOR. 1" = 25' VERT. 1" = 5' SHEET: F19.15.1 of F19.31



DEPARTMENT OF ENVIRONMENTAL SERVICES

10/19/2021
APPROVAL DATE

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