MAINTENANCE OF TRAFFIC
GENERAL NOTES

MAINTENANCE OF TRAFFIC GENERAL NOTES:

UNLESS OTHERWISE APPROVED OR DIRECTED BY THE PROJECT OFFICER, THE CONTRACTOR SHALL PLAN AND EXECUTE THE WORK IN ACCORDANCE WITH THE FOLLOWING:

1. THE CONTRACTOR SHALL FOLLOW THE MAINTENANCE OF TRAFFIC (M.O.T.) REQUIREMENTS SET FORTH IN THIS PLAN. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH RELEVANT STANDARDS AND GUIDELINES AS SET FORTH IN THE LATEST ADOPTED VERSIONS OF THE FOLLOWING:

   2011 VIRGINIA WORK AREA PROTECTION MANUAL (REVISION 2.1 - NOVEMBER 1 2020)
   2009 MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) (REVISION 1 AND 2)
   2011 VIRGINIA SUPPLEMENT TO 2009 MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) (REVISION 1)
   2016 VDOT ROAD AND BRIDGE STANDARDS
   2020 VDOT ROAD AND BRIDGE SPECIFICATIONS
   2016 VDOT LANE CLOSURE GUIDELINES FOR NORTHERN VIRGINIA (SEPTEMBER 21, 2016)
   2020 ARLINGTON COUNTY CONSTRUCTION STANDARDS AND SPECIFICATIONS

2. ACCESS TO ALL ROADWAYS, DRIVEWAYS AND PROPERTIES SHALL BE MAINTAINED AND PROVIDED AT ALL TIMES.

3. PAVING DURING CONSTRUCTION PHASES SHALL BE CARRIED THROUGH BASE COURSE. FINAL SURFACE COURSE SHALL BE PLACED ONLY AFTER SUBSTANTIAL COMPLETION OF MAJOR PHASES.

4. CONSTRUCTION SIGNS ARE TO BE FURNISHED, ERECTED AND MAINTAINED BY THE CONTRACTOR IN ACCORDANCE WITH SECTION 512 OF THE 2020 VDOT ROAD AND BRIDGE SPECIFICATIONS.

5. ALL TEMPORARY TRAFFIC CONTROL DEVICES SHALL BE PROMPTLY REMOVED AT THE COMPLETION OF WORK.

6. ALL TEMPORARY CONSTRUCTION PAVEMENT MARKING SHALL BE TYPE D, CLASS III.

7. REMOVAL OF EXISTING PAVEMENT MARKING SHALL BE ACCORDING TO SECTION 512.03 (J) OF THE 2020 VDOT ROAD AND BRIDGE SPECIFICATIONS.

8. THE CONTRACTOR IS REQUIRED TO MEET ALL OF THE DROP-OFF REQUIREMENTS SHOWN IN FIGURE 2 OF APPENDIX A OF THE VIRGINIA WORK AREA PROTECTION MANUAL. COST OF PLACING AND REMOVING THE WEDGE IS CONSIDERED INCIDENTAL.

9. ALL NEW AND TEMPORARY PAVEMENT MARKINGS SHALL TIE INTO THE EXISTING PAVEMENT MARKINGS AT TIE-IN POINTS. ALL OTHER CONFLICTING PAVEMENT MARKINGS SHALL BE ERADICATED.

10. THE ALLOWABLE LANE CLOSURE HOURS SHALL BE IN ACCORDANCE WITH TABLE 1 SHOWN ON SHEET D23.1. THE CONTRACTOR WILL NOT BE ALLOWED TO PERFORM ANY LANE CLOSURES DURING PEAK HOURS. ALL TEMPORARY LANE CLOSURES MUST CONFORM TO THE 2011 VIRGINIA WORK AREA PROTECTION MANUAL STANDARDS. REFER TO SHEETS D23.3 AND D23.4 FOR DESCRIPTION, LOCATION AND DETAILS OF EACH MOT PHASE.

11. ONE LANE CLOSURE IN EACH DIRECTION OF TRAFFIC WILL BE PERMITTED FOR FINAL PAVEMENT OVERLAY.

12. UNLESS PREAPPROVED OR OTHERWISE NOTED, ALLOWABLE HOURS FOR ALL LANE AND SHOULDER CLOSURES SHALL BE IN ACCORDANCE WITH THE INFORMATION SHOWN ON TABLE 1 ON SHEET D23.1 AND THE LANE CLOSURES IN NOVA DISTRICT MEMORANDUM, DATED SEPTEMBER 29, 2016.

13. ANY REQUEST FOR DEVIATION FROM THE ALLOWABLE LANE CLOSURE HOURS MUST BE SUBMITTED TO ARLINGTON COUNTY FOR REVIEW A MINIMUM OF FOURTEEN (14) DAYS IN ADVANCE OF WORK.

14. LANE AND SHOULDER CLOSURE HOURS OF OPERATION MAY BE ADJUSTED BY ARLINGTON COUNTY DURING THE CONTRACT AT ANY TIME, AS NECESSARY, IF HEAVY VOLUME OR SIGNIFICANT QUEUING ROUTINELY DEVELOP AS A RESULT OF THE PROJECT.

15. WHEN SHOULDER CLOSURES WITH BARRIER OPERATIONS ARE PERFORMED THE CONTRACTOR MUST CONFORM TO 2011 VIRGINIA WORK AREA PROTECTION MANUAL TTC-7.1 STANDARD. BARRIER MUST INCLUDE PANELS, DELINEATORS AND LIGHTS IN ACCORDANCE WITH TTC-7.1.

16. TEMPORARY CONNECTIONS AND PHASED CONSTRUCTION SHALL BE CONSTRUCTED AND COMPLETED IN A MANNER WHICH WILL MINIMIZE DISRUPTION OF TRAFFIC.

17. AS DETAILED IN SECTION 105.14(b) OF THE 2020 ROAD AND BRIDGE SPECIFICATIONS, REMOVAL OF SNOW AND CONTROL OF ICE ON ROADS OPEN TO PUBLIC TRAVEL WILL BE PERFORMED BY VDOT FOR VDOT ROADWAYS. FOR COUNTY ROADS, THE OPERATION WILL BE PERFORMED BY THE ARLINGTON COUNTY.

18. THE CONTRACTOR MUST NOTIFY AND/OR COORDINATE WITH THE VARIOUS LOCAL AREA EMERGENCY SERVICES (AND SCHOOLS, DEPENDING ON TIME OF YEAR) OF ALL CLOSURES, TIMES AND ANY DETOUR ROUTES FOR SITUATIONAL AWARENESS.

19. WITH THE EXCEPTION OF MOT PHASE 2A WHERE CONTRACTOR IS ALLOWED TO COMBINE CONSTRUCTION STAGES AS LONG AS ALL REQUIREMENTS AND RESTRICTIONS SHOWN IN THE SEQUENCE OF CONSTRUCTION (SOC) ARE MET, CONTRACTOR SHALL ONLY REFER TO AND FOLLOW THE SOC SHOWN ON THIS PLAN. ANY DEVIATION FROM THE SOC SHALL BE REVIEWED AND APPROVED BY THE PROJECT OFFICER.

20. CONTRACTOR SHALL BE RESPONSIBLE OF INSTALLING APPLICABLE WORK ZONE SIGNS PER VA WAPM TTC 35.1 AND 36.2 FOR ALL SIDEWALK AND CROSSWALK CLOSURES DURING CONSTRUCTION.

21. THE CONTRACTOR SHALL NOT BEGIN ANY LANE AND/OR SHOULDER CLOSURES IF HEAVY TRAFFIC OR SIGNIFICANT QUEUING AND BACKUPS ARE ALREADY PRESENT.

22. THE CONTRACTOR SHALL SUBMIT A DETAILED SCHEDULE WHICH INDICATES START AND FINISH DATES FOR EACH SEGMENT OF THE WORK. THE SCHEDULE SHALL INDICATE THE DURATION OF ALL LANE OR SHOULDER CLOSURES. THE CONTRACTOR SHALL NOTIFY THE PROJECT OFFICER A MINIMUM OF 3 BUSINESS DAYS IN ADVANCE OF PROCEEDING TO THE NEXT WORK SEGMENT.

23. THE CONTRACTOR SHALL NOTIFY THE PROJECT OFFICER OF PARKING RESTRICTION NEEDS A MINIMUM OF 3 BUSINESS DAYS PRIOR TO COMMENCEMENT OF WORK FOR EACH SEGMENT. COUNTY PROJECT OFFICER SHALL RESTRICT PARKING BY CONTACTING THE DES - PERMITTING SECTION AT 703-228-4798.

24. DURING CONSTRUCTION, THE CONTRACTOR SHALL EITHER MAINTAIN APPROPRIATE SIGHT DISTANCE TO ALL TRAFFIC SIGNS OR PROVIDE FOR TEMPORARY SIGNAGE OR FLAGGERS TO GUIDE TRAFFIC THROUGH WORK ZONES.

25. UNLESS OTHERWISE SPECIFIED IN THE EASEMENT AGREEMENT WITH THE PRIVATE PROPERTY OWNER, THE CONTRACTOR SHALL MINIMIZE THE DURATION OF ANY BLOCKAGE TO PRIVATE ENTRANCES AND DRIVEWAYS. THE CONTRACTOR SHALL SUBMIT A SCHEDULE OF DRIVEWAY CLOSURE FOR APPROVAL BY THE PROJECT OFFICER. THE PROJECT OFFICER SHALL BE NOTIFIED A MINIMUM 3 WEEKS IN ADVANCE OF SUCH ACTIVITIES. THE CONTRACTOR SHALL NOTIFY THE PROPERTY OWNER AT LEAST 2 WEEKS IN ADVANCE OF THE START OF ANY WORK THAT WILL REQUIRE TEMPORARY CLOSURE OF ACCESS TO THE PROPERTY. THE CONTRACTOR SHALL MAKE ALL PRIVATE ENTRANCES AND DRIVEWAYS ACCESSIBLE AT THE CONCLUSION OF EACH WORKDAY.

26. ANY EXCAVATIONS WHICH ARE SPECIFICALLY APPROVED BY THE PROJECT OFFICER TO REMAIN OPEN PAST NORMAL WORKING HOURS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE PROTECTED IN ACCORDANCE WITH THE VIRGINIA WORK AREA PROTECTION MANUAL OR AS APPROVED BY THE ENGINEER.

27. PEDESTRIAN TRAFFIC SHALL BE MAINTAINED AT ALL TIMES, INCLUDING ACCESS TO BUS STOP SHELTERS, UNLESS SHOWN OTHERWISE ON THE PLANS.

28. PEDESTRIAN TRAFFIC SHALL BE SEPARATED FROM WORK ZONES WITH APPROPRIATE MEASURES IN ACCORDANCE WITH THE MUTCD.

29. ADEQUATE PROVISIONS FOR PERSONS WITH DISABILITIES SHALL BE PROVIDED AT ALL TIMES PER THE ADA REQUIREMENTS.

30. WHEN NECESSARY, PEDESTRIANS SHALL BE APPROPRIATELY DIRECTED WITH ADVANCED WARNING SIGNS PLACED AT INTERSECTIONS, TO CROSS TO THE OPPOSITE SIDE OF THE ROADWAY IN ORDER TO PREVENT CONFLICT WITH MID-BLOCK WORK SITES.

31. PEDESTRIANS SHALL NOT BE LED INTO CONFLICT WITH WORK SITE EQUIPMENT, OPERATIONS, AND/OR VEHICLES MOVING THROUGH OR AROUND THE WORK SITE.

32. ALL EXISTING FIRE HYDRANTS AND FIRE DEPARTMENT CONNECTIONS SHALL BE MAINTAINED UNOBSTRUCTED AND ACCESSIBLE AT ALL TIMES IN ACCORDANCE WITH SECTIONS 508.5.4 AND 508.5.5 OF THE ARLINGTON COUNTY FIRE PREVENTION CODE.

33. ACCESS TO BUILDINGS FOR FIREFIGHTING SHALL BE MAINTAINED AT ALL TIMES. EXISTING FIRE APPARATUS ACCESS ROADS (FIRE LANES) SHALL BE KEPT CLEAR OF OBSTRUCTIONS IN ACCORDANCE WITH SECTION 503.4 OF THE ARLINGTON COUNTY FIRE PREVENTION CODE. ACCESS TO CONSTRUCTION SITES SHALL BE PROVIDED AND MAINTAINED IN ACCORDANCE WITH SECTION 1410 OF THE ARLINGTON COUNTY FIRE PREVENTION CODE.

34. IN THE EVENT THAT EXISTING FIRE DEPARTMENT CONNECTIONS OR FIRE APPARATUS ACCESS ROADS (FIRE LANES) MUST BE OBSTRUCTED TO FACILITATE CONSTRUCTION ACTIVITIES, CONTACT THE ARLINGTON COUNTY FIRE DEPARTMENT, FIRE PREVENTION OFFICE AT 703-228-4644 TO COORDINATE REVIEW AND APPROVAL OF TEMPORARY FIRE DEPARTMENT CONNECTIONS AND/OR FIRE APPARATUS ACCESS ROADS PRIOR TO CREATING THE OBSTRUCTION.

35. THE CONTRACTOR SHALL COORDINATE WITH ARLINGTON COUNTY TRANSIT BUREAU, 703-228-3049, A MINIMUM OF 4 WEEKS PRIOR TO COMMENCEMENT OF WORK IF TRANSIT IS AFFECTED OR IF THERE ARE ANY IMPACTS TO THE TRANSIT STOPS OR ROUTES. ALL TEMPORARY AND FINAL BUS TRAVEL LANES MUST BE A MINIMUM OF 11' WIDE UNLESS SHOWN OTHERWISE ON THE PLANS.

36. AT SIGNALIZED INTERSECTIONS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING VEHICLE DETECTION AT ALL TIMES DURING THE PROJECT. TRAFFIC SENSORS SHALL BE RESTORED TO THEIR PRE-CONSTRUCTION STATE PRIOR TO THE COMPLETION OF THIS PROJECT. THIS PAY ITEM IS COVERED UNDER THE PROPOSED TRAFFIC SIGNALS WORK.

37. CONTRACTOR SHALL COVER ANY EXISTING TRAFFIC SIGNS WHICH ARE NOT APPLICABLE OR ARE IN CONFLICT WITH THE MOT PLANS.

38. CONTRACTOR SHALL ERADICATE AND RE-STRIPE AS NECESSARY ANY EXISTING PAVEMENT MARKINGS THAT ARE IN CONFLICT WITH OR DO NOT ALIGN WITH THE TEMPORARY PAVEMENT MARKINGS OR NEW TRAFFIC PATTERNS.

39. CONTRACTOR SHALL ERADICATE ALL TEMPORARY PAVEMENT MARKING, INCLUDING TEMPORARY MARKED CROSSWALKS ONCE THE WORK AREA(S) ASSOCIATED WITH THE MARKINGS HAS BEEN COMPLETED.

40. CONTRACTOR SHALL PROVIDE 1 WEEK ADVANCE NOTIFICATION TO THE ARLINGTON COUNTY SIGNAL CONSTRUCTION MANAGER, TRANSPORTATION ENGINEERING AND OPERATION (TE&O) PRIOR TO CHANGING THE MOT PHASES AND/OR STAGES.

41. IF THE CONTRACTOR IS TO DEVIATE FROM THE APPROVED TMP, A NEW OR REVISED TMP MUST BE SUBMITTED A MINIMUM 4 WEEKS IN ADVANCE TO THE PROJECT OFFICER FOR REVIEW AND APPROVAL. MAINTENANCE OF TRAFFIC (MOT) PLAN WHICH INCLUDE THE SEQUENCE OF CONSTRUCTION (SOC) WAS REVIEWED AND APPROVED BY ARLINGTON COUNTY TRANSPORTATION ENGINEERING AND OPERATION (TE&O). THE MOT PLAN CONTAIN TYPES OF SIGNAGES AND BARRICADES USED, AND RECOMMENDED PHASES AND SEQUENCES OF CONSTRUCTION.

42. EACH MOT PHASE AND STAGE OF CONSTRUCTION SHALL BE COMPLETED PRIOR TO THE START OF THE NEXT PHASE/STAGE UNLESS OTHERWISE DIRECTED BY THE PROJECT OFFICER.

43. CONTRACTOR SHALL MAINTAIN A MINIMUM OF SINGLE TRAVEL LANE AT ALL TIMES DURING CONSTRUCTION WITH A MINIMUM CLEAR ROADWAY WIDTH NO LESS THAN THOSE SHOWN ON PLANS UNLESS OTHERWISE DIRECTED BY THE PROJECT OFFICER.

44. ALL AREAS EXCAVATED BELOW THE EXISTING PAVEMENT SURFACE AND WITHIN THE CLEAR ZONE AT THE CONCLUSION OF EACH WORKDAY, SHALL BE BACKFILLED UP TO EXISTING PAVEMENT OR NEWLY CONSTRUCTED PAVEMENT SURFACE FOR THE SAFETY AND PROTECTION OF VEHICULAR TRAFFIC. ALL COSTS FOR PLACING, MAINTAINING AND REMOVING BACKFILLED MATERIALS SHALL BE INCLUDED IN THE PRICE BID FOR RELATED ITEMS IN THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

45. CONTRACTOR SHALL ENSURE POSITIVE DRAINAGE FOR THE DURATION OF THE PROJECT. CONTRACTOR SHALL ADD ANY ADDITIONAL TEMPORARY MEASURES NECESSARY TO FACILITATE PROPER, POSITIVE DRAINAGE FOR THE DURATION OF CONSTRUCTION.

46. UNLESS SPECIFIED ON THE PLANS, ALL EXISTING TURN LANES SHALL BE MAINTAINED AT ALL TIMES FOR THE DURATION OF THE CONSTRUCTION.

47. WHERE GROUP 2 CHANNELIZING DEVICES ARE USED TO SEPARATE THE CONSTRUCTION AREA AND TRAFFIC, A MINIMUM CLEAR ZONE AS DEFINED IN THE VA WAPM SHALL BE MAINTAINED.

48. ALL WORK AREAS (AND THE LIMITS THEREOF) AND LANE CLOSURES SHALL BE IN ACCORDANCE WITH THE 2011 VIRGINIA WORK AREA PROTECTION MANUAL, (REVISION 2.1), THE 2009 MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (REVISION 1 AND 2), THE 2020 VDOT ROAD AND BRIDGE SPECIFICATIONS, (REVISION 2), THE 2016 VDOT ROAD AND BRIDGE STANDARDS AND LANE CLOSURES IN NOVA DISTRICT MEMORANDUM (SEPTEMBER 29 2016), AND SHALL BE DIRECTED OR APPROVED BY THE PROJECT OFFICER.

49. THE FOLLOWING TRAFFIC CONTROL SPECIFICATIONS FROM THE VIRGINIA WORK AREA PROTECTION MANUAL WILL BE USED AS NEEDED: TTCS-16.2, 17.2, 18.2, 28.2, 30.2, 35.1, 36.2, 46.2, 53.0, 57.2, 58.1, 68.0.

50. THE STAGING AREA TO STORE EQUIPMENT AND MATERIALS WITHIN THE RIGHT OF WAY ARE NOT PROVIDED FOR EACH MOT PHASE.

51. ALL TRASH CANS / RECYCLE BINS TO BE RELOCATED TO BOTH TEMPORARY AND PERMANENT RELOCATION.

52. HAULING TRUCKS ENTERING AND EXITING THE WORK ZONE MUST HAVE A "WORK VEHICLE DO NOT FOLLOW" (G20-V1) VEHICLE-MOUNTED SIGN MOUNTED IN A CONSPICUOUS POSITION ON THE REAR OF THE VEHICLE ENTERING THE WORK SPACE TO LOAD/UNLOAD MATERIALS.

53. UNLESS OTHERWISE APPROVED OR DIRECTED BY THE PROJECT OFFICER, THE CONTRACTOR SHALL PLAN AND PROSECUTE THE WORK IN ACCORDANCE WITH THE SEQUENCE OF CONSTRUCTION SHOWN ON THE MAINTENANCE OF TRAFFIC PLANS.

54. THE TRANSPORTATION MANAGEMENT PLAN AND TEMPORARY TRAFFIC CONTROL / SEQUENCE OF CONSTRUCTION (TMP/TTC) IS INTENDED AS A GUIDE. IT IS NOT TO ENUMERATE EVERY DETAIL WHICH MUST BE CONSIDERED IN THE CONSTRUCTION OF EACH PHASE OR STAGE, BUT ONLY TO SHOW THE GENERAL HANDLING OF EXISTING TRAFFIC. ANY CHANGES TO THE TMP/TTC PLAN MUST BE APPROVED BY THE PROJECT OFFICER PRIOR TO ANY CONSTRUCTION THAT MAY AFFECT THE EXISTING TRAFFIC.

55. PAVEMENT MARKINGS IN CONFLICT WITH THE LANE CONFIGURATIONS DURING CONSTRUCTION SHALL BE ERADICATED/COVERED IN COMPLIANCE WITH VDOT'S ROAD AND BRIDGE SPECIFICATIONS SECTION 512.03(L).

56. THE CONTRACTOR SHALL MAINTAIN ACCESS TO EXISTING ROADWAYS AND COMMERCIAL/RESIDENTIAL ENTRANCES DURING CONSTRUCTION WITH TRAFFIC DRUMS OR OTHER CHANNELIZING DEVICES AS DIRECTED BY THE PROJECT OFFICER.

57. THE CONTRACTOR SHALL MAINTAIN ALL SIGNAGE WITHIN THE LIMITS OF CONSTRUCTION SHOWN ON PLANS UNLESS OTHERWISE DIRECTED BY THE PROJECT OFFICER. IF SIGNS REMOVAL IS ALLOWED, CONTRACTOR SHALL STORE THE SIGNS PER VDOT STANDARDS. DEPENDING ON THE CONDITION OF THE CONSTRUCTION SIGNS, CONTRACTOR MAY BE REQUIRED TO REPLACE THEM IF DIRECTED BY THE PROJECT OFFICER.

58. ALL WORK VEHICLES SHALL BE EQUIPPED WITH WARNING LIGHTS WHICH SHALL BE A HIGH INTENSITY AMBER ROTATING, FLASHING, OSCILLATING OR STROBE LIGHT OR IN COMBINATION. THESE WARNING LIGHTS SHALL MEET THE STANDARDS AND REQUIREMENTS OF THE VA WAPM SHOWN IN SECTION 6F.95.

59. TEMPORARY LANE WIDTHS SHALL NOT BE LESS THAN 11' FOR TRAVEL LANES UNLESS NOTED OTHERWISE ON PLANS.

60. THE CONTRACTOR SHALL STORE ALL EQUIPMENT AND MATERIALS BEHIND BARRIERS/TRAFFIC DRUMS AND NOT WITHIN THE ESTABLISHED CLEAR ZONE OF THE TRAVEL LANES AND/OR THE DEFLECTION ZONE OF PHYSICAL BARRIERS.

61. ALL TRAFFIC CONTROL DEVICES AND SIGNS NECESSARY FOR THE MAINTENANCE OF TRAFFIC ARE TO BE INSTALLED, MAINTAINED AND REMOVED BY THE CONTRACTOR.

62. TWO (2) PORTABLE CHANGEABLE MESSAGE SIGN (PCMS) UNITS SHALL BE PLACED THREE (3) WEEKS PRIOR TO START OF CONSTRUCTION ON COLUMBIA PIKE AS ADVANCE NOTIFICATION. AFTER THE ADVANCE NOTIFICATION, BOTH PROPOSED PCMS UNITS SHALL REMAIN ON SITE FOR ONE (1) WEEK DURING LANE CLOSURE ONLY. ADDITIONAL PCMS UNITS AS PART OF DETOUR PLANS DURING ROAD CLOSURE ARE SHOWN ON EACH APPLICABLE PLAN SHEET.

63. CERTIFIED FLAGGERS SHALL CARRY VALID CERTIFICATION CARDS AT ALL TIMES DURING CONSTRUCTION.

64. THE CONTRACTOR SHALL COORDINATE WORK AT COMMERCIAL/RESIDENTIAL ENTRANCES WITH AFFECTED PROPERTY AND BUSINESS OWNERS. CONTRACTOR SHALL ADHERE TO THE NOTES PROVIDED ON THIS PLAN SHEET, IN ADDITION TO THE GENERAL NOTES PROVIDED ON TTC PLAN SHEET D23.2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ACCESS TO ALL ENTRANCES AT ALL TIMES DURING CONSTRUCTION.

65. THE CONTRACTOR SHALL PERFORM NECESSARY ADJUSTMENT DURING BOTH WORKING AND NON-WORKING HOURS TO ENSURE THE PROTECTION AND SAFETY OF ADJACENT PROPERTY OWNERS, PEDESTRIANS, VEHICULAR TRAFFIC AND THE GENERAL PUBLIC FROM ANY CONSTRUCTION RELATED ACTIVITY, CONSTRUCTION EQUIPMENT AND THE CONSTRUCTION SITE ITSELF.

66. THE CONTRACTOR SHALL MAINTAIN CONTINUOUS PEDESTRIAN ACCESS TO ALL ENTRANCES AT ALL TIMES DURING CONSTRUCTION.

67. THE CONTRACTOR SHALL NOT LEAVE ANY PORTION OF THE WORK ZONE WITH ANY OPEN TRENCHES UNATTENDED WHERE BARRIER IS NOT PRESENT. ON AREAS WHERE BARRIER IS NOT PRESENT, THE CONTRACTOR SHALL NOT MAKE PAVEMENT EXCAVATIONS OR OPENINGS TO A GREATER EXTENT THAT CANNOT BE REPLACED AND REPAVED DURING THE SAME WORKING DAY UNLESS OTHERWISE APPROVED BY THE PROJECT OFFICER.

68. THE CONTRACTOR SHALL PROVIDE SHADOW VEHICLE PARKED AT 80-120 FEET IN ADVANCE OF THE FIRST WORK CREW WITH TYPE B ARROW BOARD IN CAUTION MODE OR AT LEAST ONE HIGH INTENSITY AMBER ROTATING, FLASHING OR OSCILLATING LIGHT.

69. THE CONTRACTOR SHALL COORDINATE WITH PROPERTY OWNERS AND CLOSE ONLY HALF OF THE PRIVATE DRIVEWAY AT A TIME. DURING ROAD CLOSURE, CONTRACTOR SHALL PROVIDE ACCESS TO PROPERTY OWNERS/RESIDENTS IN AND OUT OF THE PRIVATE PROPERTY THROUGH FLAGGERS.

70. THE CONTRACTOR SHALL COORDINATE THE CONSTRUCTION ACTIVITIES WITH THE FOLLOWING PROJECTS:
- WALTER REED DRIVE COMPLETE STREETS (ARLINGTON COUNTY)
- THE ELLIOT (PRIVATE DEVELOPMENT)

71. FOR TEMPORARY BUS STOP RELOCATION. INSTALL 2 - 6' WIDE 6" THICK ASPHALT PAD FROM THE FACE OF CURB TO NEAREST TRAVEL LANE LINE. COORDINATE WITH BUS STOP MANAGER FOR THE LOCATION OF THOSE PADS.

72. THE LOCATION OF THE CONSTRUCTION SIGNS SHOWN ON PLANS ARE APPROXIMATE. BEFORE LEAVING THE CONSTRUCTION SIGN AT THE DESIGNATED LOCATION, CONTRACTOR SHALL ENSURE THAT THESE SIGNS ARE NOT OBSTRUCTING THE LINE OF SIGHT OF MOTORISTS, BICYCLISTS AND PEDESTRIANS.

TABLE 1: ALLOWABLE LANE CLOSURE HOURS

VDOT R-O-W:	LANE CLOSURES (MAJOR ARTERIALS)			
	MON. TO THU.	FRIDAY	SATURDAY	SUNDAY
DAY TIME	9:30 AM TO 3:00 PM	9:30 AM TO 2:00 PM	*Not Allowed	*Not Allowed
NIGHT TIME	*Not Allowed	*Not Allowed	*Not Allowed	*Not Allowed

Arlington County R-O-W:	LANE CLOSURES (COLUMBIA PIKE)		
	MON. TO FRI.	SATURDAY	SUNDAY
DAY TIME	7:00 AM TO 6:00 PM	10:00 AM TO 6:00 PM	*Not Allowed
NIGHT TIME	6:00 PM TO 9:00 PM	*Not Allowed	*Not Allowed

LANE CLOSURE RESTRICTIONS:
1. TWO (2) TRAVEL LANES SHALL BE MAINTAINED ON EASTBOUND COLUMBIA PIKE BETWEEN 7:00AM - 9:30AM.
2. TWO (2) TRAVEL LANES SHALL BE MAINTAINED ON WESTBOUND COLUMBIA PIKE BETWEEN 3:30PM - 6:00PM.
3. CONTRACTOR SHALL NOT BLOCK ANY INTERSECTION DURING AM AND PM PEAK HOURS. ALL INTERSECTION WORK SHALL BE PERFORMED DURING 9:30AM - 3:30PM ONLY.

Commonwealth of Virginia
Virginia Department of Transportation VDOT

VERIFICATION OF COMPLETION OF
ADVANCED WORK ZONE TRAFFIC CONTROL TRAINING
AND FLAGGER CERTIFICATION

This is to verify that **Hari Thaker** has successfully completed training and an examination by the Department on the proper practices and methods for the installation, maintenance, removal of temporary traffic control devices and flagging operations.

Date: 7/31/2019

State Traffic Engineer

Verification No. : 072119102

Expiration Date: 7/31/2023

ARLINGTON VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES
FACILITIES & ENGINEERING DIVISION
ENGINEERING BUREAU
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SEAL

COMMONWEALTH OF VIRGINIA
HARSHIT THAKER
Lic. No. 049174
9-22-2022
PROFESSIONAL ENGINEER

APPROVALS	DATE
QUALITY CONTROL ENGINEER	
CONSTRUCTION MANAGEMENT SUPERVISOR	
WATER, SEWER, STREETS BUREAU CHIEF	
TRANSPORTATION DIRECTOR	
PROJECT MANAGER	

Revisions	Date

Designed: JS
Drawn: TR
Checked: HT/WN
Miss Utility Transmittal #:

Filename: MOT-SegD-110010073_TMP.dwg
Path: T:\1009400 - Master-Arlington County On-Call\1009461 - Seg C-Columbia Pike Multimodal Imp\07 Design\DWG\Seg D
Plotted: September 22, 2022
Plotted by: james.see

ARLINGTON COUNTY, VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES

SEGMENT D - MAINTENANCE OF TRAFFIC
GENERAL NOTES

COLUMBIA PIKE - MULTIMODAL STREET IMPROVEMENTS

COLUMBIA PIKE - ROUTE 244

SCALE: NOT TO SCALE | SHEET: D23.1

ARLINGTON VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES

LUIS ARAYA
BUREAU CHIEF, DES - DEVELOPMENT SERVICES

3/7/2023
APPROVAL DATE

MAINTENANCE OF TRAFFIC
SEQUENCE OF CONSTRUCTION

SEQUENCE OF CONSTRUCTION

PHASE 1: SANITARY SEWER INSTALLATION

PHASE 1A: SANITARY SEWER INSTALLATION BETWEEN STA. 90+87.5 AND STA. 98+37.5

1. PROVIDE ALL REQUIRED CONSTRUCTION AND DETOUR SIGNS WITHIN PROJECT LIMITS PRIOR TO STARTING CONSTRUCTION WORK.
2. UTILIZE SINGLE LEFT-LANE CLOSURE ON BOTH EB AND WB COLUMBIA PIKE DURING WEEKDAY OFF-PEAK AND WEEKEND HOURS TO CONSTRUCT SANITARY SEWER LINE.
3. MAINTAIN EXISTING TRAFFIC AND ACCESS TO ALL PRIVATE DRIVEWAYS, SIDEWALKS AND RAMPS AT ALL TIMES.
4. A MINIMUM 5 FOOT PEDESTRIAN PATHWAY SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
5. PRIOR TO OPENING THE ROADWAY AT THE END OF EACH WORK DAY, CONTRACTOR SHALL ENSURE EACH EXCAVATED WORK AREAS ARE STEEL PLATED AND WEDGED.

PHASE 1B: SANITARY SEWER INSTALLATION BETWEEN STA. 102+37.5 AND STA. 111+25

1. PROVIDE ALL REQUIRED CONSTRUCTION AND DETOUR SIGNS WITHIN PROJECT LIMITS PRIOR TO STARTING CONSTRUCTION WORK.
2. UTILIZE SINGLE LEFT-LANE CLOSURES ON BOTH EB AND WB COLUMBIA PIKE DURING WEEKDAY OFF-PEAK AND WEEKEND HOURS TO CONSTRUCT SANITARY SEWER LINE.
3. MAINTAIN EXISTING TRAFFIC AND ACCESS TO ALL PRIVATE DRIVEWAYS, SIDEWALKS AND RAMPS AT ALL TIMES.
4. A MINIMUM 5 FOOT PEDESTRIAN PATHWAY SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
5. PRIOR TO OPENING THE ROADWAY AT THE END OF EACH WORK DAY, CONTRACTOR SHALL ENSURE EACH EXCAVATED WORK AREAS ARE STEEL PLATED AND WEDGED.

PHASE 1C: REMAINING SANITARY SEWER INSTALLATION AT STA. 90+87.5 - STA. 93+75, STA. 97+75 - STA. 98+25, STA. 102+12.5 - STA. 106+00, AND STA. 108+50 - STA. 111+12.5

1. PROVIDE ALL REQUIRED CONSTRUCTION SIGNS WITHIN PROJECT LIMITS PRIOR TO STARTING CONSTRUCTION WORK.
2. UTILIZE SINGLE RIGHT-LANE CLOSURES ON BOTH EB AND WB COLUMBIA PIKE DURING WEEKDAY OFF-PEAK AND WEEKEND HOURS TO CONSTRUCT SANITARY SEWER LINE.
3. MAINTAIN EXISTING TRAFFIC AND ACCESS TO ALL PRIVATE DRIVEWAYS, SIDEWALKS AND RAMPS AT ALL TIMES.
4. A MINIMUM 5 FOOT PEDESTRIAN PATHWAY SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
5. PRIOR TO OPENING THE ROADWAY AT THE END OF EACH WORK DAY, CONTRACTOR SHALL ENSURE EACH EXCAVATED WORK AREAS ARE STEEL PLATED AND WEDGED.

PHASE 1D: SANITARY SEWER INSTALLATION AT STA. 103+25 - STA. 103+50, STA. 108+75 - STA. 111+62.5, AND STA. 94+50 - 95+00

1. PROVIDE ALL REQUIRED CONSTRUCTION AND DETOUR SIGNS WITHIN PROJECT LIMITS PRIOR TO STARTING CONSTRUCTION WORK.
2. UTILIZE SINGLE RIGHT-LANE CLOSURE ON WB COLUMBIA PIKE DURING WEEKDAY OFF-PEAK AND WEEKEND HOURS TO CONSTRUCT SANITARY SEWER LINE.
3. MAINTAIN EXISTING TRAFFIC AND ACCESS TO ALL PRIVATE DRIVEWAYS, SIDEWALKS AND RAMPS AT ALL TIMES.
4. A MINIMUM 5 FOOT PEDESTRIAN PATHWAY SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
5. PRIOR TO OPENING THE ROADWAY AT THE END OF EACH WORK DAY, CONTRACTOR SHALL ENSURE EACH EXCAVATED WORK AREAS ARE STEEL PLATED AND WEDGED.

PHASE 2: WATER LINE INSTALLATION

PHASE 2A: WATER LINE INSTALLATION BETWEEN STA. 88+50 AND STA. 97+87.5

1. PROVIDE ALL REQUIRED CONSTRUCTION SIGNS WITHIN PROJECT LIMITS PRIOR TO STARTING CONSTRUCTION WORK.
2. UTILIZE SINGLE LEFT-LANE CLOSURE ON BOTH EB AND WB COLUMBIA PIKE DURING WEEKDAY OFF-PEAK AND WEEKEND HOURS TO CONSTRUCT WATER LINE.
3. MAINTAIN EXISTING TRAFFIC AND ACCESS TO ALL PRIVATE DRIVEWAYS, SIDEWALKS AND RAMPS AT ALL TIMES.
4. A MINIMUM 5 FOOT PEDESTRIAN PATHWAY SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
5. PRIOR TO OPENING THE ROADWAY AT THE END OF EACH WORK DAY, CONTRACTOR SHALL ENSURE EACH EXCAVATED WORK AREAS ARE STEEL PLATED AND WEDGED.

PHASE 2B: WATER LINE INSTALLATION BETWEEN STA. 97+87.5 AND STA. 111+37.5

1. PROVIDE ALL REQUIRED CONSTRUCTION SIGNS WITHIN PROJECT LIMITS PRIOR TO STARTING CONSTRUCTION WORK.
2. UTILIZE SINGLE LEFT-LANE CLOSURES ON BOTH EB AND WB COLUMBIA PIKE DURING WEEKDAY OFF-PEAK AND WEEKEND HOURS TO CONSTRUCT WATER LINE.
3. MAINTAIN EXISTING TRAFFIC AND ACCESS TO ALL PRIVATE DRIVEWAYS, SIDEWALKS AND RAMPS AT ALL TIMES.
4. A MINIMUM 5 FOOT PEDESTRIAN PATHWAY SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
5. PRIOR TO OPENING THE ROADWAY AT THE END OF EACH WORK DAY, CONTRACTOR SHALL ENSURE EACH EXCAVATED WORK AREAS ARE STEEL PLATED AND WEDGED.

PHASE 2C: REMAINING WATER LINE NSTALLATION AT STA. 88+87.5 - STA. 93+75, STA. 95+00 - STA. 99+25, AND STA. 101+12.5 - STA. 109+87.5.

1. PROVIDE ALL REQUIRED CONSTRUCTION AND DETOUR SIGNS WITHIN PROJECT LIMITS PRIOR TO STARTING CONSTRUCTION WORK.
2. UTILIZE SINGLE RIGHT-LANE CLOSURES ON BOTH EB AND WB COLUMBIA PIKE DURING WEEKDAY OFF-PEAK AND WEEKEND HOURS TO CONSTRUCT REMAINING WATER LINE.
3. MAINTAIN EXISTING TRAFFIC AND ACCESS TO ALL PRIVATE DRIVEWAYS, SIDEWALKS AND RAMPS AT ALL TIMES.
4. A MINIMUM 5 FOOT PEDESTRIAN PATHWAY SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
5. PRIOR TO OPENING THE ROADWAY AT THE END OF EACH WORK DAY, CONTRACTOR SHALL ENSURE EACH EXCAVATED WORK AREAS ARE STEEL PLATED AND WEDGED.

PHASE 2D: WATER LINE INSTALLATION AT STA. 89+00 - STA. 89+25, STA. 94+25 - STA. 94+75, STA. 100+00 - STA. 100+25, STA. 107+62.5 - STA. 109+75.

1. PROVIDE ALL REQUIRED CONSTRUCTION SIGNS WITHIN PROJECT LIMITS PRIOR TO STARTING CONSTRUCTION WORK.
2. UTILIZE SINGLE LEFT-LANE CLOSURE ON BOTH EB AND WB COLUMBIA PIKE DURING WEEKDAY OFF-PEAK AND WEEKEND HOURS TO CONSTRUCT REMAINING WATER LINE.
3. MAINTAIN EXISTING TRAFFIC AND ACCESS TO ALL PRIVATE DRIVEWAYS, SIDEWALKS AND RAMPS AT ALL TIMES.
4. A MINIMUM 5 FOOT PEDESTRIAN PATHWAY SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
5. PRIOR TO OPENING THE ROADWAY AT THE END OF EACH WORK DAY, CONTRACTOR SHALL ENSURE EACH EXCAVATED WORK AREAS ARE STEEL PLATED AND WEDGED.

PHASE 2E: WATER LINE INSTALLATION AT STA. 89+25 - STA. 89+50, STA. 93+62.5 - STA. 94+00, STA. 100+37.5 - STA. 100+62.5, AND STA. 107+12.5 - STA. 109+25.

1. PROVIDE ALL REQUIRED CONSTRUCTION SIGNS WITHIN PROJECT LIMITS PRIOR TO STARTING CONSTRUCTION WORK.
2. UTILIZE SINGLE LEFT-LANE CLOSURES ON BOTH NB AND SB S WALTER REED DRIVE AND SINGLE RIGHT-LANE CLOSURE ON BOTH EB AND WB COLUMBIA PIKE DURING WEEKDAY OFF-PEAK AND WEEKEND HOURS TO CONSTRUCT REMAINING WATER LINE.
3. MAINTAIN EXISTING TRAFFIC AND ACCESS TO ALL PRIVATE DRIVEWAYS, SIDEWALKS AND RAMPS AT ALL TIMES.
4. A MINIMUM 5 FOOT PEDESTRIAN PATHWAY SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
5. PRIOR TO OPENING THE ROADWAY AT THE END OF EACH WORK DAY, CONTRACTOR SHALL ENSURE EACH EXCAVATED WORK AREAS ARE STEEL PLATED AND WEDGED.

PHASE 2F: WATER LINE INSTALLATION BETWEEN STA. 88+75 - STA. 89+00, AND STA. 94+50 - STA. 94+75

1. PROVIDE ALL REQUIRED CONSTRUCTION AND DETOUR SIGNS WITHIN PROJECT LIMITS PRIOR TO STARTING CONSTRUCTION WORK.
2. UTILIZE SINGLE LANE CLOSURES ON BOTH EB AND WB COLUMBIA PIKE DURING WEEKDAY OFF-PEAK AND WEEKEND HOURS TO CONSTRUCT REMAINING WATER LINE.
3. MAINTAIN EXISTING TRAFFIC AND ACCESS TO ALL PRIVATE DRIVEWAYS, SIDEWALKS AND RAMPS AT ALL TIMES.
4. A MINIMUM 5 FOOT PEDESTRIAN PATHWAY SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
5. PRIOR TO OPENING THE ROADWAY AT THE END OF EACH WORK DAY, CONTRACTOR SHALL ENSURE EACH EXCAVATED WORK AREAS ARE STEEL PLATED AND WEDGED.

PHASE 3: STORM SEWER, STREETLIGHTING, TRAFFIC SIGNALS, COMMUNICATION, TRANSIT STOPS, CURBS/GUTTERS, SIDEWALKS, RAMPS, MEDIANS AND FULL DEPTH PAVEMENT INSTALLATION

PHASE 3A: CONSTRUCT STORM SEWER, STREETLIGHTING, TRAFFIC SIGNALS, COMMUNICATION, TRANSIT STOPS, CURBS/GUTTERS, SIDEWALKS, RAMPS, MEDIANS AND FULL DEPTH PAVEMENT INSTALLATION ALONG COLUMBIA PIKE BETWEEN STA. 87+00 AND STA. 100+25

1. PROVIDE ALL REQUIRED CONSTRUCTION SIGNS WITHIN PROJECT LIMITS PRIOR TO STARTING CONSTRUCTION WORK.
2. UTILIZE SINGLE RIGHT-LANE CLOSURES ON BOTH EB AND WB COLUMBIA PIKE DURING WEEKDAY OFF-PEAK AND WEEKEND HOURS TO CONSTRUCT REMAINING PROPOSED INFRASTRUCTURES.
3. MAINTAIN EXISTING TRAFFIC AND ACCESS TO ALL PRIVATE DRIVEWAYS, SIDEWALKS AND RAMPS AT ALL TIMES.
4. A MINIMUM 5 FOOT PEDESTRIAN PATHWAY SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
5. WHEN INSTALL STORM SEWER PIPES, CONTRACTOR SHALL ENSURE THAT EACH EXCAVATED ROADWAY AREAS ARE STEEL PLATED AND WEDGED PRIOR TO OPENING THE ROADWAY.

PHASE 3B: CONSTRUCT REMAINING STORM SEWER AND INFRASTRUCTURE INSTALLATION ALONG COLUMBIA PIKE BETWEEN STA. 100+50 AND STA. 116+25

1. PROVIDE ALL REQUIRED CONSTRUCTION SIGNS WITHIN PROJECT LIMITS PRIOR TO STARTING CONSTRUCTION WORK.
2. UTILIZE SINGLE RIGHT-LANE CLOSURES ON BOTH EB AND WB COLUMBIA PIKE DURING WEEKDAY OFF-PEAK AND WEEKEND HOURS TO CONSTRUCT REMAINING STORM SEWER AND INFRASTRUCTURES.
3. MAINTAIN EXISTING TRAFFIC AND ACCESS TO ALL PRIVATE DRIVEWAYS, SIDEWALKS AND RAMPS AT ALL TIMES.
4. A MINIMUM 5 FOOT PEDESTRIAN PATHWAY SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
5. WHEN INSTALL STORM SEWER PIPES, CONTRACTOR SHALL ENSURE THAT EACH EXCAVATED ROADWAY AREAS ARE STEEL PLATED AND WEDGED PRIOR TO OPENING THE ROADWAY.

PHASE 3C: CONSTRUCT REMAINING STORM SEWER AND INFRASTRUCTURE INSTALLATION ALONG COLUMBIA PIKE AT STA. 88+62.5 - STA. 91+00, AND STA. 94+12.5 - STA. 97+62.5

1. PROVIDE ALL REQUIRED CONSTRUCTION SIGNS WITHIN PROJECT LIMITS PRIOR TO STARTING CONSTRUCTION WORK.
2. UTILIZE SINGLE LEFT-LANE CLOSURES ON BOTH EB AND WB COLUMBIA PIKE DURING WEEKDAY OFF-PEAK AND WEEKEND HOURS TO CONSTRUCT REMAINING PROPOSED STORM SEWER STRUCTURES AND PIPES.
3. MAINTAIN EXISTING TRAFFIC AND ACCESS TO ALL PRIVATE DRIVEWAYS, SIDEWALKS AND RAMPS AT ALL TIMES.
4. A MINIMUM 5 FOOT PEDESTRIAN PATHWAY SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
5. WHEN INSTALL STORM SEWER PIPES, CONTRACTOR SHALL ENSURE THAT EACH EXCAVATED ROADWAY AREAS ARE STEEL PLATED AND WEDGED PRIOR TO OPENING THE ROADWAY.

PHASE 3D: CONSTRUCT REMAINING STORM SEWER AND INFRASTRUCTURE INSTALLATION ALONG COLUMBIA PIKE AT STA. 98+00 - STA. 98+25, STA. 100+50 - STA. 100+75, AND STA. 103+12.5 - STA. 107+00

1. PROVIDE ALL REQUIRED CONSTRUCTION SIGNS WITHIN PROJECT LIMITS PRIOR TO STARTING CONSTRUCTION WORK.
2. UTILIZE SINGLE LEFT-LANE CLOSURES ON BOTH EB AND WB COLUMBIA PIKE DURING WEEKDAY OFF-PEAK AND WEEKEND HOURS TO CONSTRUCT REMAINING PROPOSED STORM SEWER STRUCTURES AND PIPES.
3. MAINTAIN EXISTING TRAFFIC AND ACCESS TO ALL PRIVATE DRIVEWAYS, SIDEWALKS AND RAMPS AT ALL TIMES.
4. A MINIMUM 5 FOOT PEDESTRIAN PATHWAY SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
5. WHEN INSTALL STORM SEWER PIPES, CONTRACTOR SHALL ENSURE THAT EACH EXCAVATED ROADWAY AREAS ARE STEEL PLATED AND WEDGED PRIOR TO OPENING THE ROADWAY.

PHASE 3E: CONSTRUCT REMAINING STORM SEWER AND INFRASTRUCTURE INSTALLATION ALONG COLUMBIA PIKE AT STA. 89+00 - STA. 89+25, STA. 91+75 - 91+87.5, STA. 93+62.5 - STA. 93+75, AND STA. 94+62.5 - STA. 94+75, STA. 97+87.5 - 98+00, STA. 100+37.5 - STA. 100+50, STA. 107+37.5 - STA. 107+50, STA. 109+00 - STA. 109+75, STA. 111+75 - 112+00, AND STA. 115+12.5 - STA. 37.5

1. PROVIDE ALL REQUIRED CONSTRUCTION SIGNS WITHIN PROJECT LIMITS PRIOR TO STARTING CONSTRUCTION WORK.
2. UTILIZE SINGLE LEFT-LANE CLOSURES ON BOTH EB AND WB COLUMBIA PIKE DURING WEEKDAY OFF-PEAK AND WEEKEND HOURS TO CONSTRUCT REMAINING PROPOSED STORM SEWER STRUCTURES AND PIPES.
3. MAINTAIN EXISTING TRAFFIC AND ACCESS TO ALL PRIVATE DRIVEWAYS, SIDEWALKS AND RAMPS AT ALL TIMES.
4. A MINIMUM 5 FOOT PEDESTRIAN PATHWAY SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
5. WHEN INSTALL STORM SEWER PIPES, CONTRACTOR SHALL ENSURE THAT EACH EXCAVATED ROADWAY AREAS ARE STEEL PLATED AND WEDGED PRIOR TO OPENING THE ROADWAY.

PHASE 3F: CONSTRUCT REMAINING STORM SEWER AND INFRASTRUCTURE INSTALLATION ALONG COLUMBIA PIKE BETWEEN STA. 88+75 AND STA. 89+00, STA. 91+62.5 - STA. 91+75, STA. 94+50 - STA. 94+75, STA. 100+25 - STA. 100+37.5, STA. 103+25 - STA. 103+37.5, STA. 107+25 - STA. 107+37.5, STA. 108+87.5 - 109+75, STA. 111+50 - STA. 111+75, AND STA. 114+87.5 - STA. 115+12.5

1. PROVIDE ALL REQUIRED CONSTRUCTION SIGNS WITHIN PROJECT LIMITS PRIOR TO STARTING CONSTRUCTION WORK.
2. UTILIZE SINGLE RIGHT-LANE CLOSURE ON WB COLUMBIA PIKE DURING WEEKDAY OFF-PEAK AND WEEKEND HOURS TO CONSTRUCT REMAINING PROPOSED STORM SEWER STRUCTURES AND PIPES.
3. MAINTAIN EXISTING TRAFFIC AND ACCESS TO ALL PRIVATE DRIVEWAYS, SIDEWALKS AND RAMPS AT ALL TIMES.
4. A MINIMUM 5 FOOT PEDESTRIAN PATHWAY SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
5. WHEN INSTALL STORM SEWER PIPES, CONTRACTOR SHALL ENSURE THAT EACH EXCAVATED ROADWAY AREAS ARE STEEL PLATED AND WEDGED PRIOR TO OPENING THE ROADWAY.

PHASE 4: MILLING AND PAVING OPERATIONS, AND SIGNING AND PAVEMENT MARKINGS INSTALLATION

PHASE 4A: MILLING AND PAVING OPERATIONS, AND SIGNING AND PAVEMENT MARKINGS INSTALLATION ALONG COLUMBIA PIKE BETWEEN STA. 88+25 AND STA. 111+75

1. PROVIDE ALL REQUIRED CONSTRUCTION SIGNS WITHIN PROJECT LIMITS PRIOR TO STARTING CONSTRUCTION WORK.
2. UTILIZE SINGLE RIGHT-LANE CLOSURES ON BOTH EB AND WB COLUMBIA PIKE DURING WEEKDAY OFF-PEAK AND WEEKEND HOURS TO PERFORM MILLING AND PAVING OPERATIONS, AND SIGNING AND PAVEMENT MARKING INSTALLATIONS.
3. MAINTAIN EXISTING TRAFFIC AND ACCESS TO ALL PRIVATE DRIVEWAYS, SIDEWALKS AND RAMPS AT ALL TIMES.
4. A MINIMUM 5 FOOT PEDESTRIAN PATHWAY SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.

PHASE 4B: MILLING AND PAVING OPERATIONS, AND SIGNING AND PAVEMENT MARKINGS INSTALLATION ALONG COLUMBIA PIKE BETWEEN STA. 88+25 AND STA. 111+75

1. PROVIDE ALL REQUIRED CONSTRUCTION SIGNS WITHIN PROJECT LIMITS PRIOR TO STARTING CONSTRUCTION WORK.
2. UTILIZE SINGLE LEFT-LANE CLOSURES ON BOTH EB AND WB COLUMBIA PIKE DURING WEEKDAY OFF-PEAK AND WEEKEND HOURS TO PERFORM MILLING AND PAVING OPERATIONS, AND SIGNING AND PAVEMENT MARKING INSTALLATIONS.
3. MAINTAIN EXISTING TRAFFIC AND ACCESS TO ALL PRIVATE DRIVEWAYS, SIDEWALKS AND RAMPS AT ALL TIMES.
4. A MINIMUM 5 FOOT PEDESTRIAN PATHWAY SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.

PHASE 5: LANDSCAPING AND MISCELLANEOUS AMENITIES INSTALLATION

PHASE 5: LANDSCAPING AND MISCELLANEOUS AMENITIES INSTALLATION ALONG COLUMBIA PIKE BETWEEN STA. 88+25 AND STA. 111+75

1. PROVIDE ALL REQUIRED CONSTRUCTION SIGNS WITHIN PROJECT LIMITS PRIOR TO STARTING CONSTRUCTION WORK.
2. UTILIZE SINGLE RIGHT-LANE CLOSURES ON BOTH EB AND WB COLUMBIA PIKE DURING WEEKDAY OFF-PEAK AND WEEKEND HOURS TO INSTALL REMAINING PROPOSED LANDSCAPING AND MISCELLANEOUS AMENITIES.
3. MAINTAIN EXISTING TRAFFIC AND ACCESS TO ALL PRIVATE DRIVEWAYS, SIDEWALKS AND RAMPS AT ALL TIMES.
4. A MINIMUM 5 FOOT PEDESTRIAN PATHWAY SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.

NOTE:
THE MOT PLANS SHOWN FOR PHASE 3 ARE FOR STORM SEWER, RCP PIPES, TRAFFIC SIGNALS, COMMUNICATION AND TRANSIT STOP CONDUITS INSTALLATION. UPON COMPLETING THE ABOVE WORK, CONTRACTOR SHALL UTILIZE INSIDE AND OUTSIDE LANE CLOSURES SHOWN FOR PHASE 3 TO COMPLETE THE FULL DEPTH PAVEMENT RECONSTRUCTION WITHIN EACH BLOCK.

ARLINGTON VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES
FACILITIES & ENGINEERING DIVISION
ENGINEERING BUREAU
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SEAL

COMMONWEALTH OF VIRGINIA
HARSHIT THAKER
Lic. No. 0491174
9-22-2022
PROFESSIONAL ENGINEER

APPROVALS	DATE
QUALITY CONTROL ENGINEER	
CONSTRUCTION MANAGEMENT SUPERVISOR	
WATER, SEWER, STREETS BUREAU CHIEF	
TRANSPORTATION DIRECTOR	
PROJECT MANAGER	

Revisions	Date

Designed: JS
Drawn: TR
Checked: HT/WN
Miss Utility Transmittal #:

Filename: MOT-SegD-110010073_TMP.dwg
Path: T:\1009400 - Master-Arlington County On-Call\1009461 - Seg C-Columbia Pike Multimodal Imp\07 Design\DWG\Seg D
Plotted: September 22, 2022
Plotted by: james.see

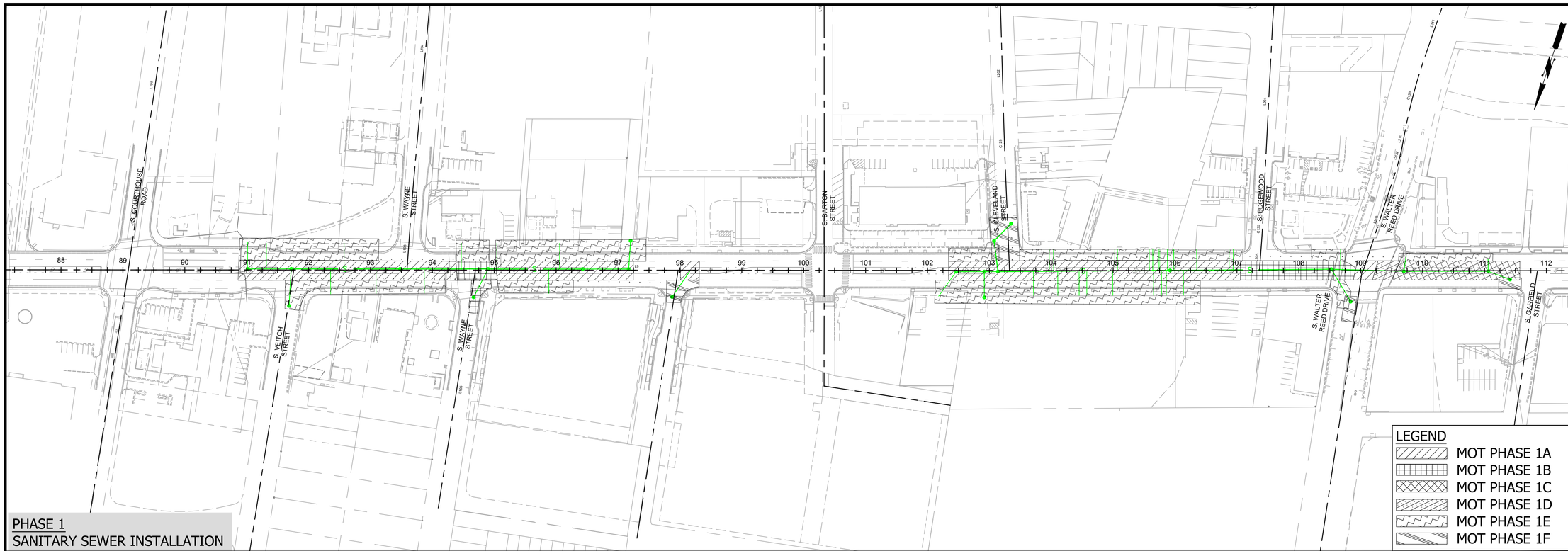
ARLINGTON COUNTY, VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES

SEGMENT D - MAINTENANCE OF TRAFFIC
SEQUENCE OF CONSTRUCTION

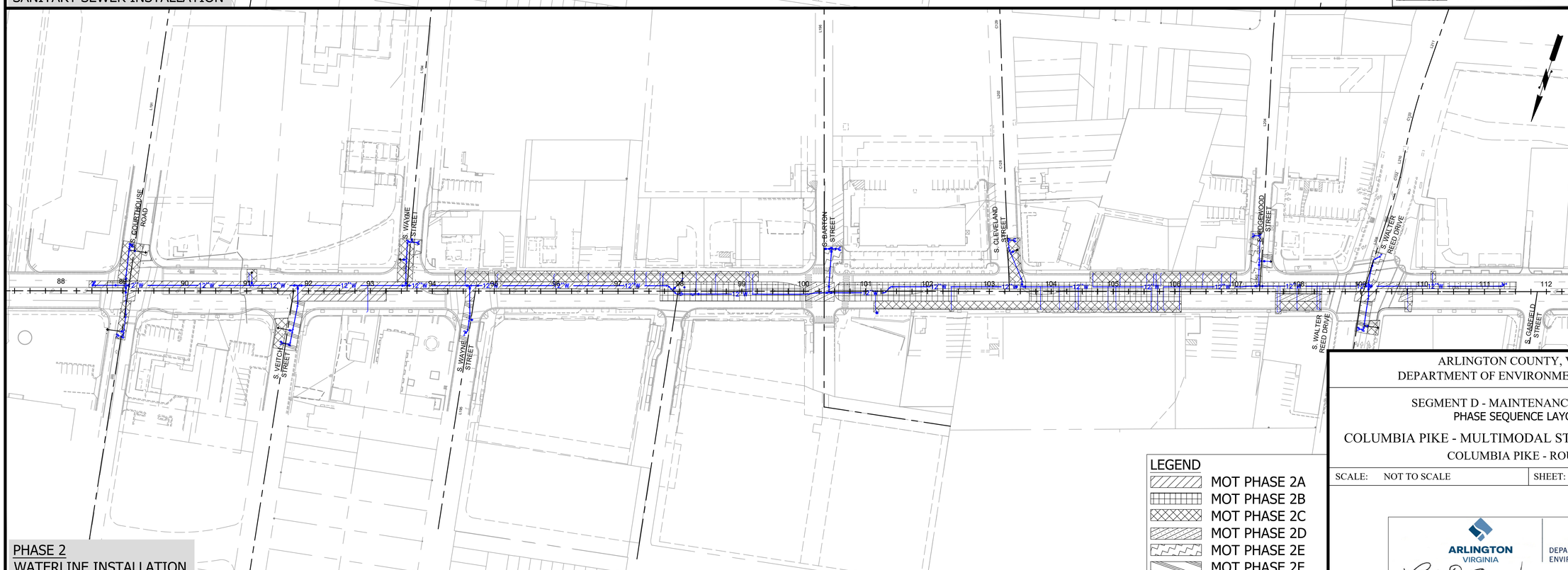
COLUMBIA PIKE - MULTIMODAL STREET IMPROVEMENTS
COLUMBIA PIKE - ROUTE 244

SCALE: NOT TO SCALE	SHEET: D23.2

ARLINGTON VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES
LUIS ARAYA
BUREAU CHIEF, DES - DEVELOPMENT SERVICES
3/7/2023
APPROVAL DATE



PHASE 1
SANITARY SEWER INSTALLATION



PHASE 2
WATERLINE INSTALLATION

ARLINGTON VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES
FACILITIES & ENGINEERING DIVISION
ENGINEERING BUREAU
2100 CLARENDON BOULEVARD, SUITE 813
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SEAL

COMMONWEALTH OF VIRGINIA
HARSHIT THAKER
Lic. No. 0491174
9-22-2022
PROFESSIONAL ENGINEER

APPROVALS	DATE
QUALITY CONTROL ENGINEER	
CONSTRUCTION MANAGEMENT SUPERVISOR	
WATER, SEWER, STREETS BUREAU CHIEF	
TRANSPORTATION DIRECTOR	
PROJECT MANAGER	

Revisions	Date

Designed: JS
Drawn: TR
Checked: HT/WN
Miss Utility Transmittal #:

Filename: MOT-SegD-110010073_TMP.dwg
Path: T:\109400 - Mastec-Arlington County On-Call\109940\7 - Seg C-Columbia Pike Multimodal Imp\07 Design\DWG\Seg-D
Plotted: September 22, 2022
Plotted by: james.see

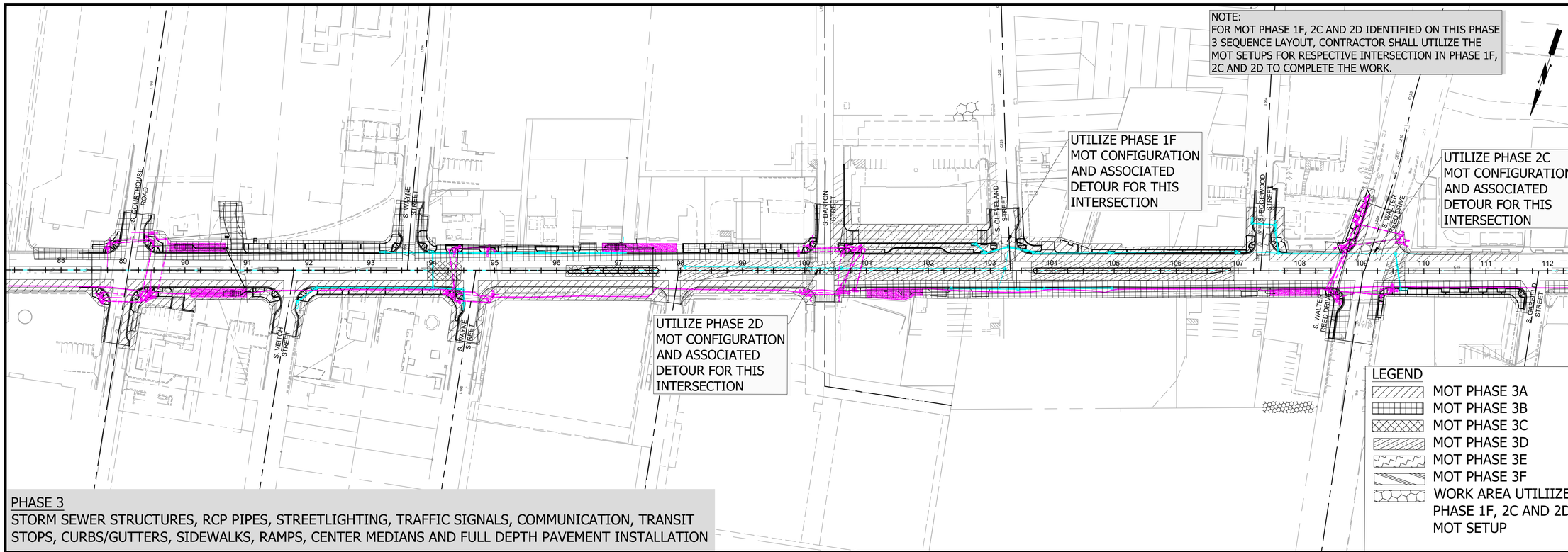
ARLINGTON COUNTY, VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES

SEGMENT D - MAINTENANCE OF TRAFFIC
PHASE SEQUENCE LAYOUT - 1

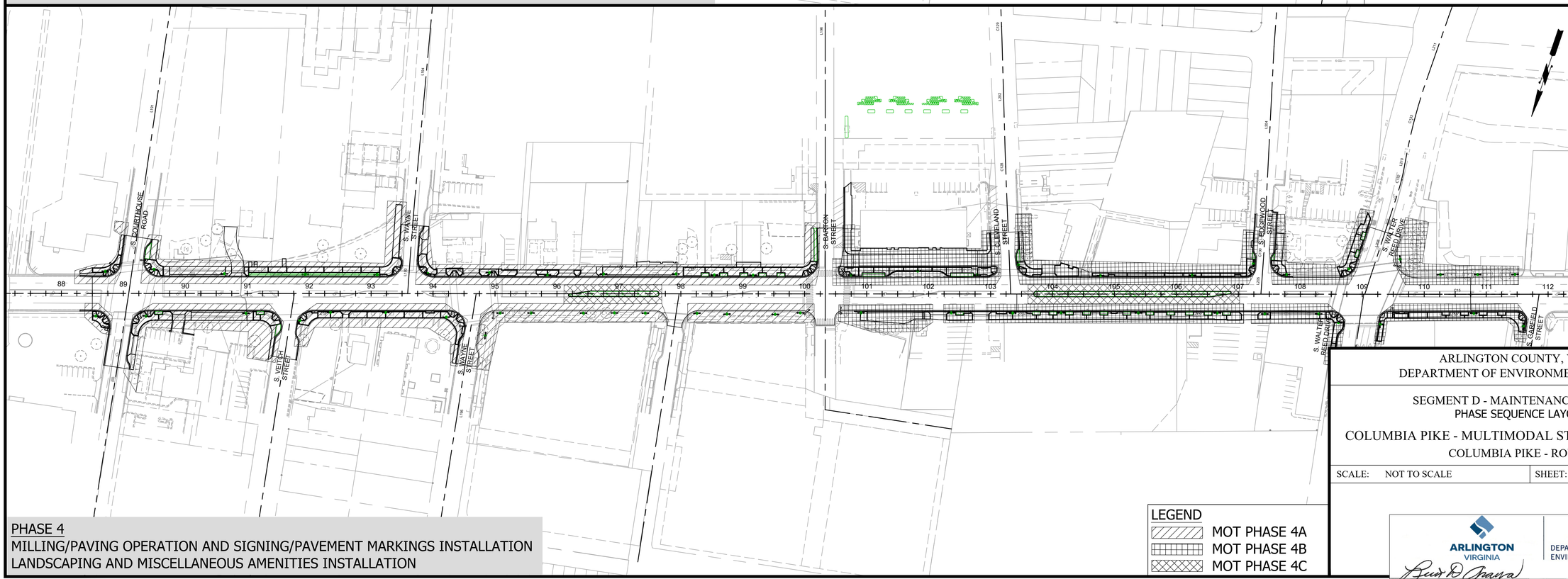
COLUMBIA PIKE - MULTIMODAL STREET IMPROVEMENTS
COLUMBIA PIKE - ROUTE 244

SCALE: NOT TO SCALE	SHEET: D23.3

ARLINGTON VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES
LUIS ARAYA
BUREAU CHIEF, DES - DEVELOPMENT SERVICES
3/7/2023
APPROVAL DATE



PHASE 3
STORM SEWER STRUCTURES, RCP PIPES, STREETLIGHTING, TRAFFIC SIGNALS, COMMUNICATION, TRANSIT STOPS, CURBS/GUTTERS, SIDEWALKS, RAMPS, CENTER MEDIANS AND FULL DEPTH PAVEMENT INSTALLATION



PHASE 4
MILLING/PAVING OPERATION AND SIGNING/PAVEMENT MARKINGS INSTALLATION
LANDSCAPING AND MISCELLANEOUS AMENITIES INSTALLATION

ARLINGTON VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES
FACILITIES & ENGINEERING DIVISION
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SEAL
COMMONWEALTH OF VIRGINIA
HARSHIT THAKER
Lic. No. 0491174
9-22-2022
PROFESSIONAL ENGINEER

APPROVALS	DATE
QUALITY CONTROL ENGINEER	
CONSTRUCTION MANAGEMENT SUPERVISOR	
WATER, SEWER, STREETS BUREAU CHIEF	
TRANSPORTATION DIRECTOR	
PROJECT MANAGER	

Revisions	Date

Designed: JS
Drawn: TR
Checked: HT/WN
Miss Utility Transmittal #:

Filename: MOT-SegD-110010073_TMP.dwg
Path: E:\1890400 - Master Arlington County On-Call 1090667 - Seg
C-Columbia Pike Multimodal Imp\07 Design\DWG\Seg-D
Plotted: September 22, 2022
Plotted by: james.see

ARLINGTON COUNTY, VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES

SEGMENT D - MAINTENANCE OF TRAFFIC
PHASE SEQUENCE LAYOUT - 2

COLUMBIA PIKE - MULTIMODAL STREET IMPROVEMENTS
COLUMBIA PIKE - ROUTE 244

SCALE: NOT TO SCALE	SHEET: D23.4

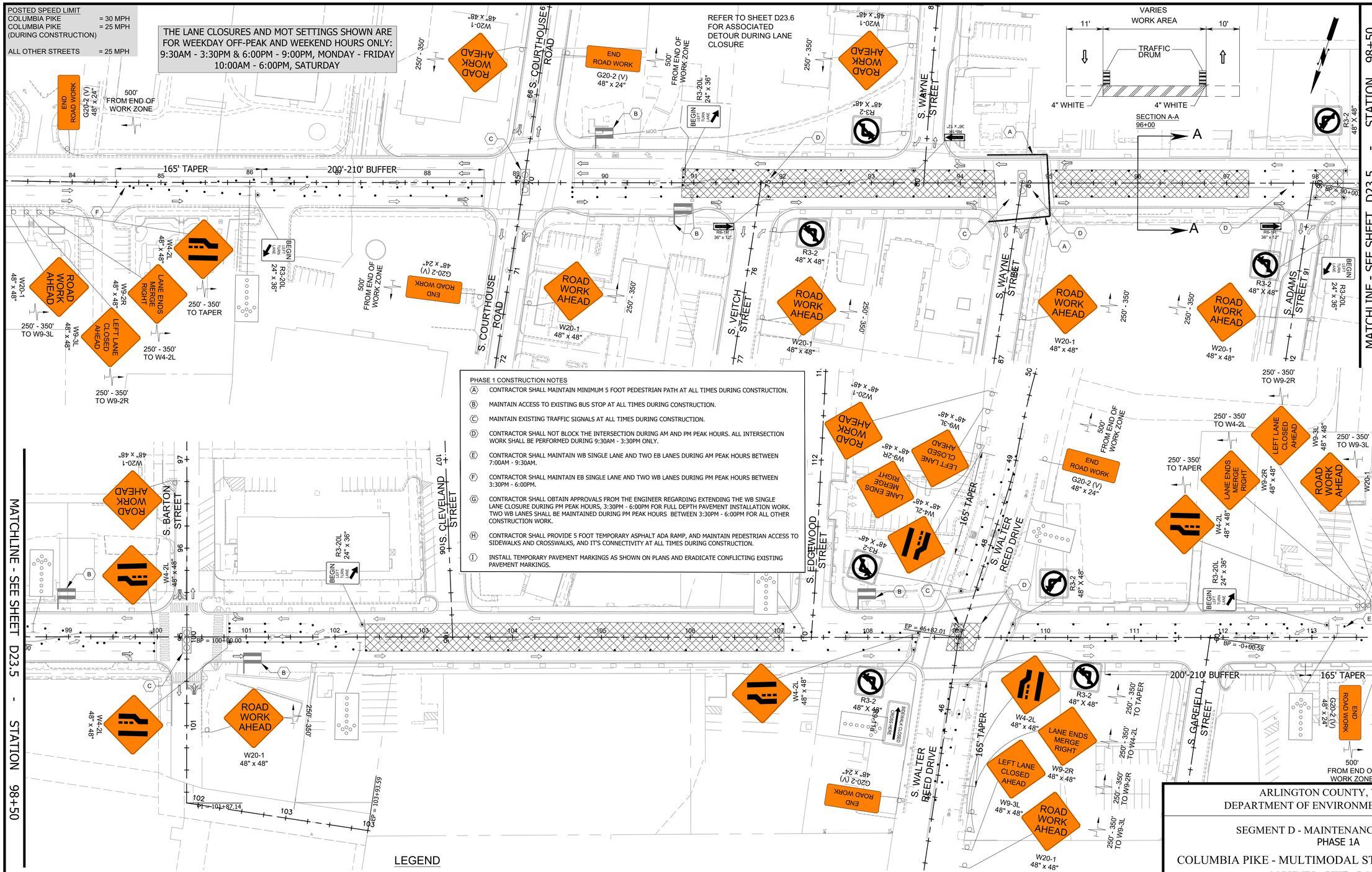
ARLINGTON VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES
LUIS ARAYA
BUREAU CHIEF, DES - DEVELOPMENT SERVICES
3/7/2023
APPROVAL DATE

POSTED SPEED LIMIT
COLUMBIA PIKE = 30 MPH
COLUMBIA PIKE = 25 MPH
(DURING CONSTRUCTION)

ALL OTHER STREETS = 25 MPH

THE LANE CLOSURES AND MOT SETTINGS SHOWN ARE FOR WEEKDAY OFF-PEAK AND WEEKEND HOURS ONLY: 9:30AM - 3:30PM & 6:00PM - 9:00PM, MONDAY - FRIDAY 10:00AM - 6:00PM, SATURDAY

REFER TO SHEET D23.6 FOR ASSOCIATED DETOUR DURING LANE CLOSURE



PHASE 1A
SANITARY SEWER INSTALLATION

MATCHLINE - SEE SHEET D23.5 - STATION 98+50

ARLINGTON VIRGINIA
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SEAL
COMMONWEALTH OF VIRGINIA
HARSHIT THAKER
Lic. No. 0491174
9-22-2022
PROFESSIONAL ENGINEER

APPROVALS	DATE
QUALITY CONTROL ENGINEER	
CONSTRUCTION MANAGEMENT SUPERVISOR	
WATER, SEWER, STREETS BUREAU CHIEF	
TRANSPORTATION DIRECTOR	
PROJECT MANAGER	

Revisions	Date

Designed: JS
Drawn: TR
Checked: HT/WN
Miss Utility Transmittal #:

Filename: xMOT-SegD-Phase 1.dwg
Path: T:\1009600 - Mission Arlington County On-Call\009601 - Seg C-Columbia Pike Multimodal Imp\07 Design\DWG\Seg-D
Plotted: September 22, 2022
Plotted by: james.see

ARLINGTON COUNTY, VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES

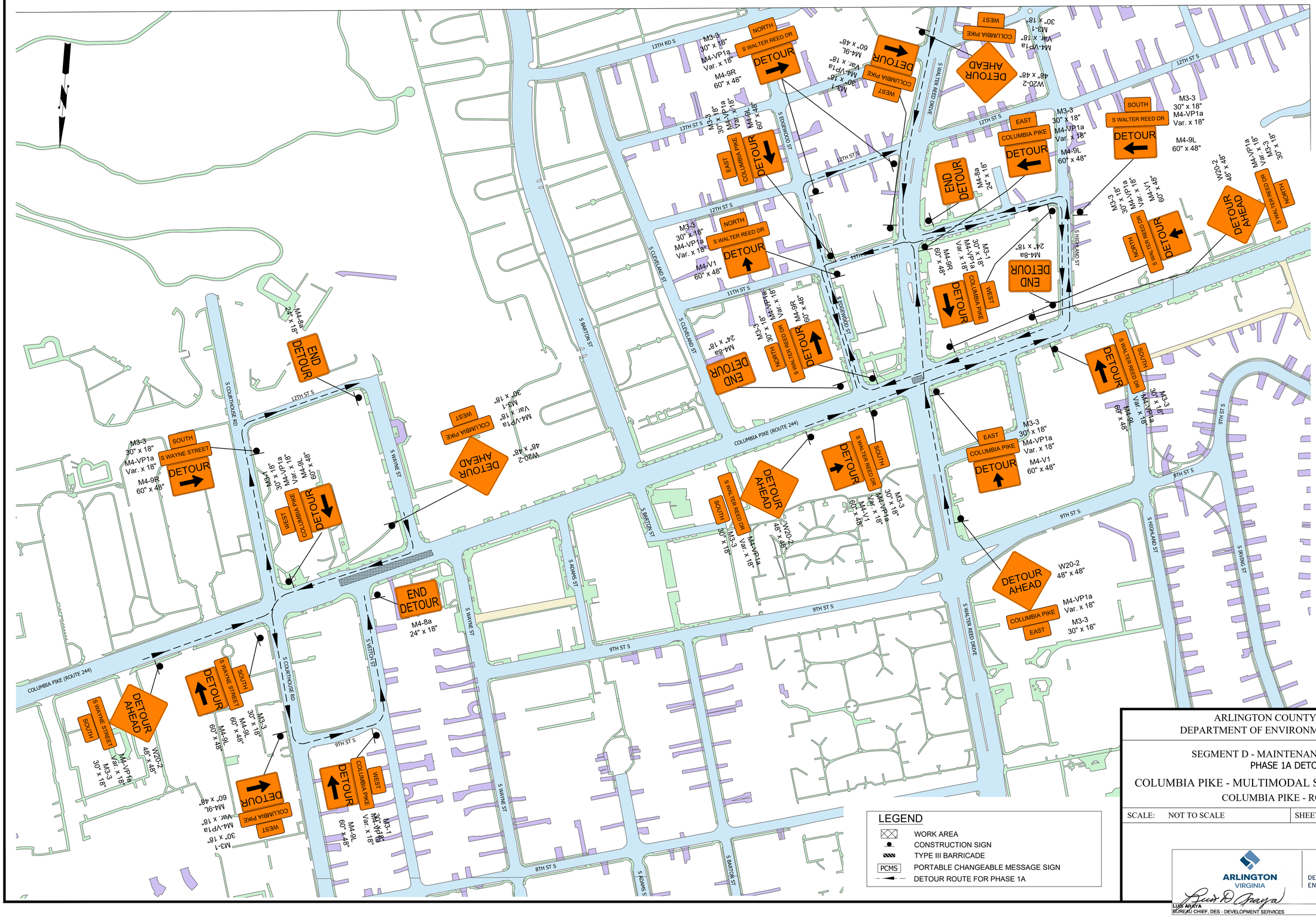
SEGMENT D - MAINTENANCE OF TRAFFIC
PHASE 1A

COLUMBIA PIKE - MULTIMODAL STREET IMPROVEMENTS
COLUMBIA PIKE - ROUTE 244

SCALE: 1" = 50' | SHEET: D23.5

ARLINGTON VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES
LUIS ARAYA
BUREAU CHIEF, DES - DEVELOPMENT SERVICES
3/7/2023
APPROVAL DATE

MOT PHASE 1A DETOUR



LEGEND

- WORK AREA
- CONSTRUCTION SIGN
- TYPE III BARRICADE
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- DETOUR ROUTE FOR PHASE 1A

ARLINGTON COUNTY, VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES

SEGMENT D - MAINTENANCE OF TRAFFIC
PHASE 1A DETOUR

COLUMBIA PIKE - MULTIMODAL STREET IMPROVEMENTS
COLUMBIA PIKE - ROUTE 244

SCALE: NOT TO SCALE	SHEET: D23.6

ARLINGTON VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES

LUIS ARAYA
BUREAU CHIEF, DES - DEVELOPMENT SERVICES

3/7/2023
APPROVAL DATE

ARLINGTON VIRGINIA
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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6225 Brandon Avenue, Suite 540
Springfield Virginia 22150
Phone: 703-642-8100
Fax: 703-642-8106

SEAL

COMMONWEALTH OF VIRGINIA
HARSHIT THAKER
Lic. No. 0491174
9-22-2022
PROFESSIONAL ENGINEER

APPROVALS	DATE
QUALITY CONTROL ENGINEER	
CONSTRUCTION MANAGEMENT SUPERVISOR	
WATER, SEWER, STREETS BUREAU CHIEF	
TRANSPORTATION DIRECTOR	
PROJECT MANAGER	

Revisions	Date

Designed: JS
Drawn: TR
Checked: HT/WN
Miss Utility Transmittal #:

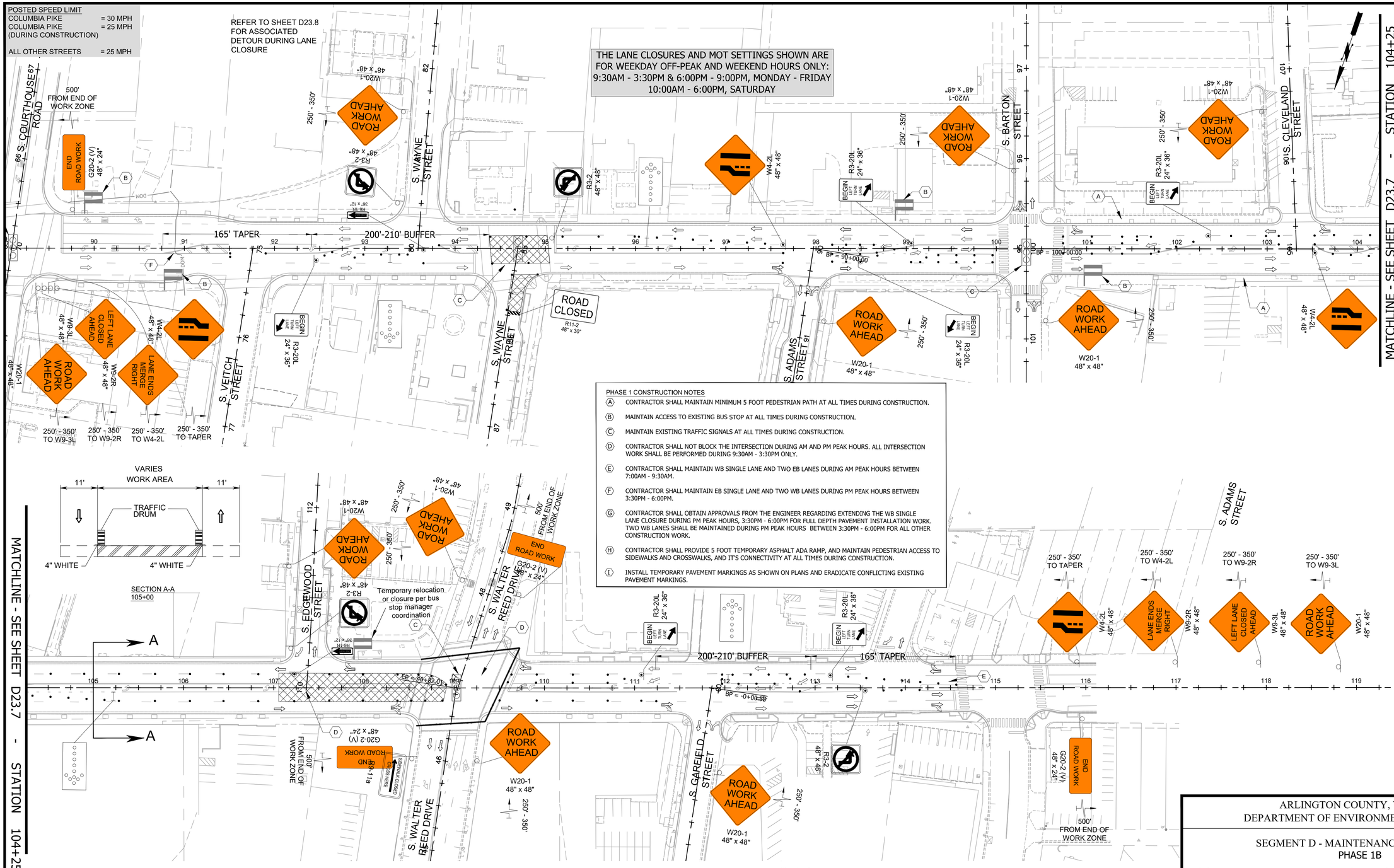
Filename: MOT-SegD-110010073_DETOUR.dwg
Path: T:\1009400 - Mentor-Arlington County On-Call 1009402 - Seg C-Columbia Pike Multimodal Imp\07 Design\DWG\Seg-D
Plotted: September 22, 2022
Plotted by: james.see

POSTED SPEED LIMIT
COLUMBIA PIKE = 30 MPH
COLUMBIA PIKE = 25 MPH
(DURING CONSTRUCTION)

ALL OTHER STREETS = 25 MPH

REFER TO SHEET D23.8 FOR ASSOCIATED DETOUR DURING LANE CLOSURE

THE LANE CLOSURES AND MOT SETTINGS SHOWN ARE FOR WEEKDAY OFF-PEAK AND WEEKEND HOURS ONLY: 9:30AM - 3:30PM & 6:00PM - 9:00PM, MONDAY - FRIDAY 10:00AM - 6:00PM, SATURDAY



PHASE 1 CONSTRUCTION NOTES

(A) CONTRACTOR SHALL MAINTAIN MINIMUM 5 FOOT PEDESTRIAN PATH AT ALL TIMES DURING CONSTRUCTION.

(B) MAINTAIN ACCESS TO EXISTING BUS STOP AT ALL TIMES DURING CONSTRUCTION.

(C) MAINTAIN EXISTING TRAFFIC SIGNALS AT ALL TIMES DURING CONSTRUCTION.

(D) CONTRACTOR SHALL NOT BLOCK THE INTERSECTION DURING AM AND PM PEAK HOURS. ALL INTERSECTION WORK SHALL BE PERFORMED DURING 9:30AM - 3:30PM ONLY.

(E) CONTRACTOR SHALL MAINTAIN WB SINGLE LANE AND TWO EB LANES DURING AM PEAK HOURS BETWEEN 7:00AM - 9:30AM.

(F) CONTRACTOR SHALL MAINTAIN EB SINGLE LANE AND TWO WB LANES DURING PM PEAK HOURS BETWEEN 3:30PM - 6:00PM.

(G) CONTRACTOR SHALL OBTAIN APPROVALS FROM THE ENGINEER REGARDING EXTENDING THE WB SINGLE LANE CLOSURE DURING PM PEAK HOURS, 3:30PM - 6:00PM FOR FULL DEPTH PAVEMENT INSTALLATION WORK. TWO WB LANES SHALL BE MAINTAINED DURING PM PEAK HOURS BETWEEN 3:30PM - 6:00PM FOR ALL OTHER CONSTRUCTION WORK.

(H) CONTRACTOR SHALL PROVIDE 5 FOOT TEMPORARY ASPHALT ADA RAMP, AND MAINTAIN PEDESTRIAN ACCESS TO SIDEWALKS AND CROSSWALKS, AND IT'S CONNECTIVITY AT ALL TIMES DURING CONSTRUCTION.

(I) INSTALL TEMPORARY PAVEMENT MARKINGS AS SHOWN ON PLANS AND ERADICATE CONFLICTING EXISTING PAVEMENT MARKINGS.

LEGEND

- PHASE 1B CONSTRUCTION
- CONSTRUCTION SIGN
- GROUP 2 CHANNELIZING DEVICE
- TYPE III BARRICADE
- DIRECTION OF TRAVEL
- WATER-FILLED JERSEY BARRIER
- TYPE B ELECTRONIC ARROW BOARD
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- EXISTING BUS STOP
- PROPOSED BUS STOP

PHASE 1B
SANITARY SEWER INSTALLATION

ARLINGTON VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES
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SEAL
COMMONWEALTH OF VIRGINIA
HARSHIT THAKER
Lic. No. 049174
9-22-2022
PROFESSIONAL ENGINEER

APPROVALS	DATE
QUALITY CONTROL ENGINEER	
CONSTRUCTION MANAGEMENT SUPERVISOR	
WATER, SEWER, STREETS BUREAU CHIEF	
TRANSPORTATION DIRECTOR	
PROJECT MANAGER	

Revisions	Date

Designed: JS
Drawn: TR
Checked: HT/WN
Miss Utility Transmittal #:

Filename: xMOT-SegD-Phase 1.dwg
Path: T:\100400 - Master Arlington County On-Call\100940 - Seg C-Columbia Pike Multimodal Imp\07 Design\DWG\Seg-D
Plotted: September 22, 2022
Plotted by: james.see

ARLINGTON COUNTY, VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES

SEGMENT D - MAINTENANCE OF TRAFFIC
PHASE 1B

COLUMBIA PIKE - MULTIMODAL STREET IMPROVEMENTS
COLUMBIA PIKE - ROUTE 244

SCALE: 1" = 50' | SHEET: D23.7

ARLINGTON VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES
LUIS ARAYA
BUREAU CHIEF, DES - DEVELOPMENT SERVICES
3/7/2023
APPROVAL DATE

MOT PHASE 1B DETOUR

LEGEND

- WORK AREA
- CONSTRUCTION SIGN
- TYPE III BARRICADE
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- DETOUR ROUTE FOR PHASE 1B

ARLINGTON VIRGINIA
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SEAL

COMMONWEALTH OF VIRGINIA
HARSHIT THAKER
Lic. No. 0491174
9-22-2022
PROFESSIONAL ENGINEER

APPROVALS	DATE
QUALITY CONTROL ENGINEER	
CONSTRUCTION MANAGEMENT SUPERVISOR	
WATER, SEWER, STREETS BUREAU CHIEF	
TRANSPORTATION DIRECTOR	
PROJECT MANAGER	

Revisions	Date

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Plotted: September 22, 2022
Plotted by: james.see

ARLINGTON COUNTY, VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES

SEGMENT D - MAINTENANCE OF TRAFFIC
PHASE 1B DETOUR

COLUMBIA PIKE - MULTIMODAL STREET IMPROVEMENTS
COLUMBIA PIKE - ROUTE 244

SCALE: NOT TO SCALE | SHEET: D23.8

ARLINGTON VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES

LUIS ARAYA
BUREAU CHIEF, DES - DEVELOPMENT SERVICES

3/7/2023
APPROVAL DATE

POSTED SPEED LIMIT
COLUMBIA PIKE = 30 MPH
COLUMBIA PIKE = 25 MPH
(DURING CONSTRUCTION)

ALL OTHER STREETS = 25 MPH

PHASE 1 CONSTRUCTION NOTES

- (A) CONTRACTOR SHALL MAINTAIN MINIMUM 5 FOOT PEDESTRIAN PATH AT ALL TIMES DURING CONSTRUCTION.
- (B) MAINTAIN ACCESS TO EXISTING BUS STOP AT ALL TIMES DURING CONSTRUCTION.
- (C) MAINTAIN EXISTING TRAFFIC SIGNALS AT ALL TIMES DURING CONSTRUCTION.
- (D) CONTRACTOR SHALL NOT BLOCK THE INTERSECTION DURING AM AND PM PEAK HOURS. ALL INTERSECTION WORK SHALL BE PERFORMED DURING 9:30AM - 3:30PM ONLY.
- (E) CONTRACTOR SHALL MAINTAIN WB SINGLE LANE AND TWO EB LANES DURING AM PEAK HOURS BETWEEN 7:00AM - 9:30AM.
- (F) CONTRACTOR SHALL MAINTAIN EB SINGLE LANE AND TWO WB LANES DURING PM PEAK HOURS BETWEEN 3:30PM - 6:00PM.
- (G) CONTRACTOR SHALL OBTAIN APPROVALS FROM THE ENGINEER REGARDING EXTENDING THE WB SINGLE LANE CLOSURE DURING PM PEAK HOURS, 3:30PM - 6:00PM FOR FULL DEPTH PAVEMENT INSTALLATION WORK. TWO WB LANES SHALL BE MAINTAINED DURING PM PEAK HOURS BETWEEN 3:30PM - 6:00PM FOR ALL OTHER CONSTRUCTION WORK.
- (H) CONTRACTOR SHALL PROVIDE 5 FOOT TEMPORARY ASPHALT ADA RAMP, AND MAINTAIN PEDESTRIAN ACCESS TO SIDEWALKS AND CROSSWALKS, AND IT'S CONNECTIVITY AT ALL TIMES DURING CONSTRUCTION.
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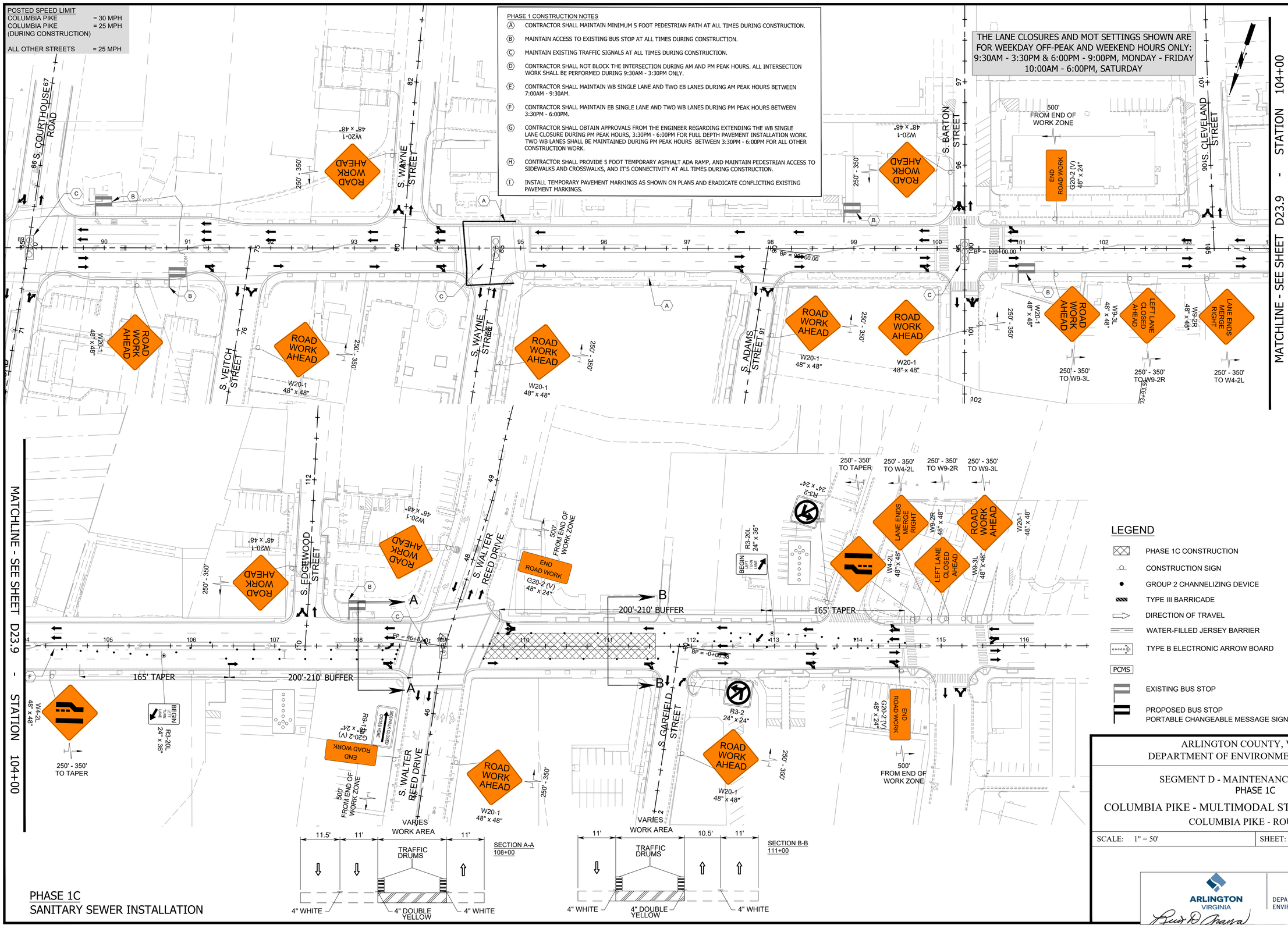

PHASE 1C
SANITARY SEWER INSTALLATION

LEGEND

- PHASE 1C CONSTRUCTION
- CONSTRUCTION SIGN
- GROUP 2 CHANNELIZING DEVICE
- TYPE III BARRICADE
- DIRECTION OF TRAVEL
- WATER-FILLED JERSEY BARRIER
- TYPE B ELECTRONIC ARROW BOARD
- PCMS
- EXISTING BUS STOP
- PROPOSED BUS STOP PORTABLE CHANGEABLE MESSAGE SIGN

ARLINGTON VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES
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SEAL
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HARSHIT THAKER
Lic. No. 0491174
9-22-2022
PROFESSIONAL ENGINEER

APPROVALS	DATE
QUALITY CONTROL ENGINEER	
CONSTRUCTION MANAGEMENT SUPERVISOR	
WATER, SEWER, STREETS BUREAU CHIEF	
TRANSPORTATION DIRECTOR	
PROJECT MANAGER	

Revisions	Date

Designed: JS
Drawn: TR
Checked: HT/WN
Miss Utility Transmittal #:

Filename: xMOT-SegD-Phase 1.dwg
Path: T:\1009400 - Master-Arlington County On-Call\1009461 - Seg C-Columbia Pike Multimodal Imp\07 Design\DWG\Seg D
Plotted: September 22, 2022
Plotted by: james.see

ARLINGTON COUNTY, VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES

SEGMENT D - MAINTENANCE OF TRAFFIC
PHASE 1C

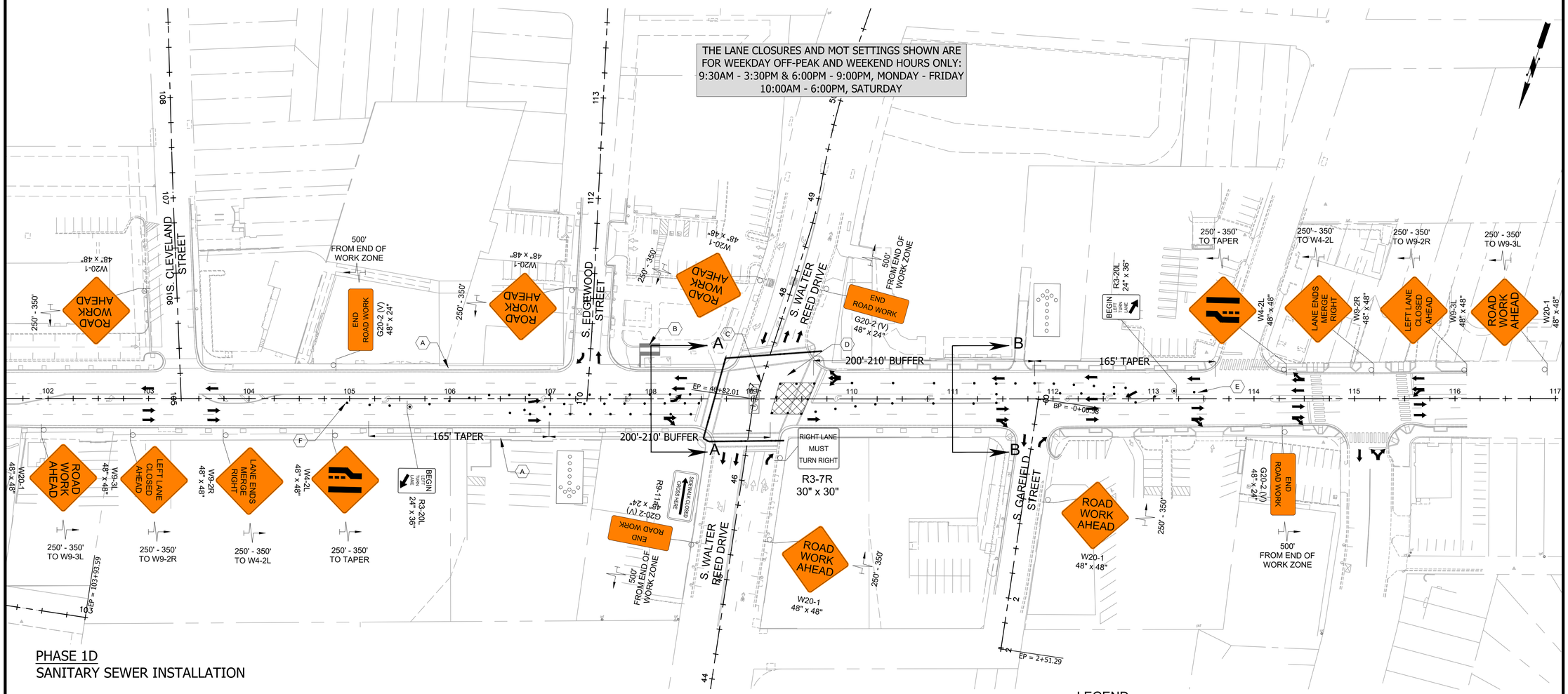
COLUMBIA PIKE - MULTIMODAL STREET IMPROVEMENTS
COLUMBIA PIKE - ROUTE 244

SCALE: 1" = 50' | SHEET: D23.9

ARLINGTON VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES
LUIS ARAYA
BUREAU CHIEF, DES - DEVELOPMENT SERVICES
3/7/2023
APPROVAL DATE

POSTED SPEED LIMIT
COLUMBIA PIKE = 30 MPH
COLUMBIA PIKE = 25 MPH
(DURING CONSTRUCTION)

ALL OTHER STREETS = 25 MPH



PHASE 1D
SANITARY SEWER INSTALLATION

PHASE 1 CONSTRUCTION NOTES

- (A) CONTRACTOR SHALL MAINTAIN MINIMUM 5 FOOT PEDESTRIAN PATH AT ALL TIMES DURING CONSTRUCTION.
- (B) MAINTAIN ACCESS TO EXISTING BUS STOP AT ALL TIMES DURING CONSTRUCTION.
- (C) MAINTAIN EXISTING TRAFFIC SIGNALS AT ALL TIMES DURING CONSTRUCTION.
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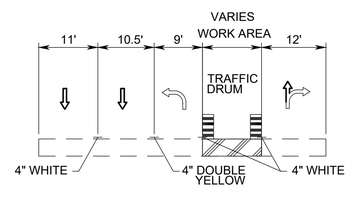
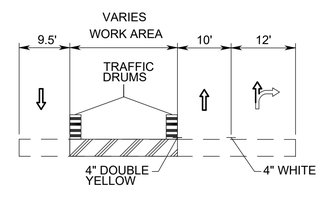
- (G) CONTRACTOR SHALL OBTAIN APPROVALS FROM THE ENGINEER REGARDING EXTENDING THE WB SINGLE LANE CLOSURE DURING PM PEAK HOURS, 3:30PM - 6:00PM FOR FULL DEPTH PAVEMENT INSTALLATION WORK. TWO WB LANES SHALL BE MAINTAINED DURING PM PEAK HOURS BETWEEN 3:30PM - 6:00PM FOR ALL OTHER CONSTRUCTION WORK.
- (H) CONTRACTOR SHALL PROVIDE 5 FOOT TEMPORARY ASPHALT ADA RAMP, AND MAINTAIN PEDESTRIAN ACCESS TO SIDEWALKS AND CROSSWALKS, AND IT'S CONNECTIVITY AT ALL TIMES DURING CONSTRUCTION.
- (I) INSTALL TEMPORARY PAVEMENT MARKINGS AS SHOWN ON PLANS AND ERADICATE CONFLICTING EXISTING PAVEMENT MARKINGS.



SECTION A-A
108+00



SECTION B-B
111+00

LEGEND

- PHASE 1D CONSTRUCTION
- CONSTRUCTION SIGN
- GROUP 2 CHANNELIZING DEVICE
- TYPE III BARRICADE
- DIRECTION OF TRAVEL
- WATER-FILLED JERSEY BARRIER
- TYPE B ELECTRONIC ARROW BOARD
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- EXISTING BUS STOP
- PROPOSED BUS STOP

ARLINGTON VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES
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9-22-2022
PROFESSIONAL ENGINEER

APPROVALS	DATE
QUALITY CONTROL ENGINEER	
CONSTRUCTION MANAGEMENT SUPERVISOR	
WATER, SEWER, STREETS BUREAU CHIEF	
TRANSPORTATION DIRECTOR	
PROJECT MANAGER	

Revisions	Date

Designed: JS
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Filename: xMOT-SegD-Phase 1.dwg
Path: T:\1009400 - Master-Arlington County On-Call\1009401 - Seg C-Columbia Pike Multimodal Imp\07 Design\DWG\Seg-D
Plotted: September 22, 2022
Plotted by: james.see

ARLINGTON COUNTY, VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES

SEGMENT D - MAINTENANCE OF TRAFFIC
PHASE 1D

COLUMBIA PIKE - MULTIMODAL STREET IMPROVEMENTS
COLUMBIA PIKE - ROUTE 244

SCALE: 1" = 50' | SHEET: D23.10

ARLINGTON VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES
LUIS ARAYA
BUREAU CHIEF, DES - DEVELOPMENT SERVICES
3/7/2023
APPROVAL DATE

LEGEND

- PHASE 1E CONSTRUCTION
- CONSTRUCTION SIGN
- GROUP 2 CHANNELIZING DEVICE
- TYPE III BARRICADE
- DIRECTION OF TRAVEL
- WATER-FILLED JERSEY BARRIER
- TYPE B ELECTRONIC ARROW BOARD
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- EXISTING BUS STOP
- PROPOSED BUS STOP

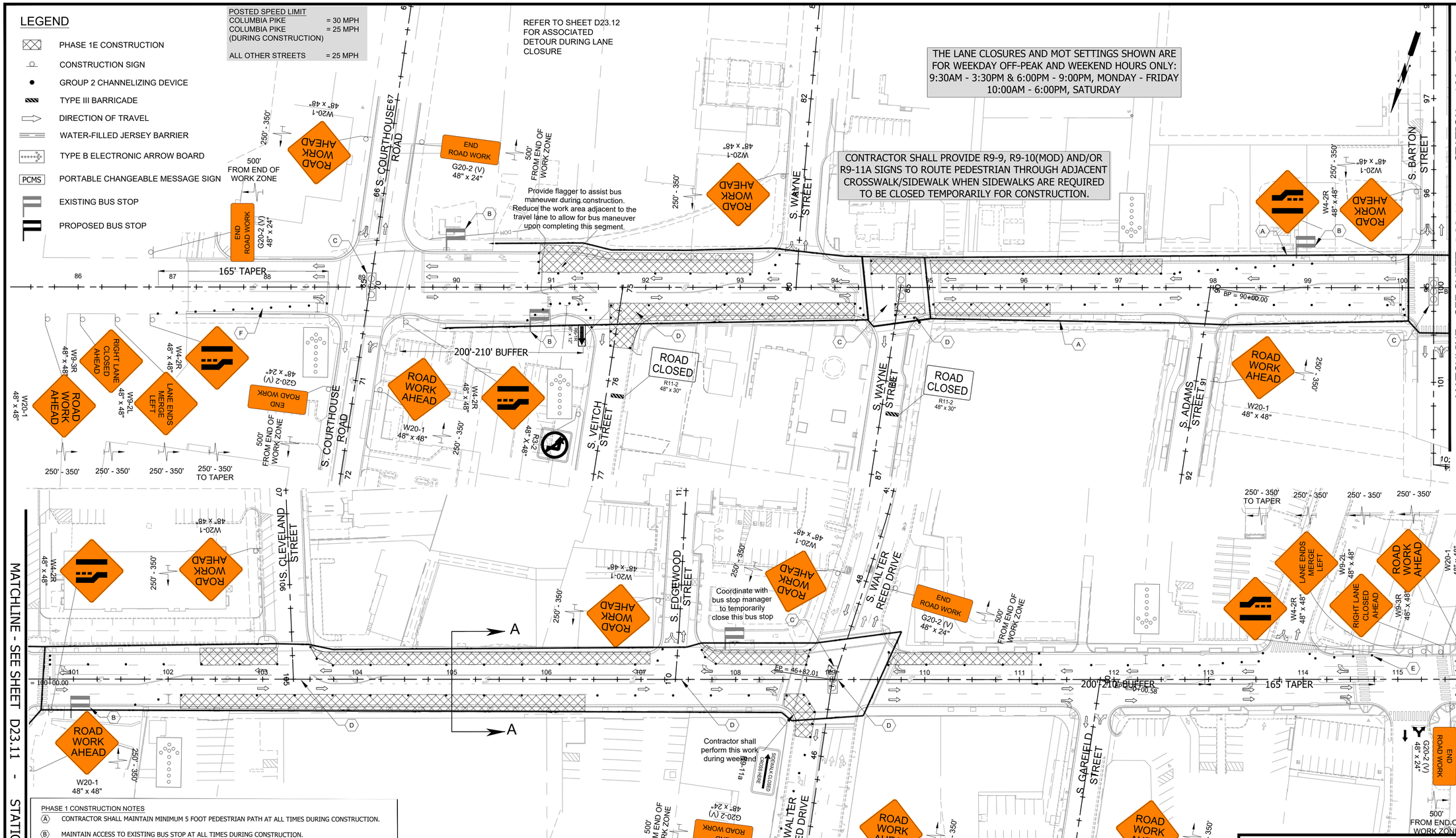
POSTED SPEED LIMIT
COLUMBIA PIKE = 30 MPH
COLUMBIA PIKE = 25 MPH
(DURING CONSTRUCTION)

ALL OTHER STREETS = 25 MPH

REFER TO SHEET D23.12 FOR ASSOCIATED DETOUR DURING LANE CLOSURE

THE LANE CLOSURES AND MOT SETTINGS SHOWN ARE FOR WEEKDAY OFF-PEAK AND WEEKEND HOURS ONLY: 9:30AM - 3:30PM & 6:00PM - 9:00PM, MONDAY - FRIDAY 10:00AM - 6:00PM, SATURDAY

CONTRACTOR SHALL PROVIDE R9-9, R9-10(MOD) AND/OR R9-11A SIGNS TO ROUTE PEDESTRIAN THROUGH ADJACENT CROSSWALK/SIDEWALK WHEN SIDEWALKS ARE REQUIRED TO BE CLOSED TEMPORARILY FOR CONSTRUCTION.



PHASE 1 CONSTRUCTION NOTES

- (A) CONTRACTOR SHALL MAINTAIN MINIMUM 5 FOOT PEDESTRIAN PATH AT ALL TIMES DURING CONSTRUCTION.
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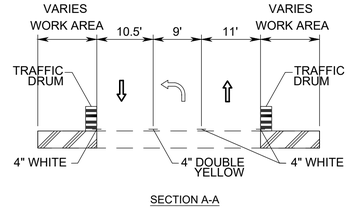

SECTION A-A
105+00

PHASE 1E
SANITARY SEWER INSTALLATION

MATCHLINE - SEE SHEET D23.11 - STATION 100+50

MATCHLINE - SEE SHEET D23.11 - STATION 100+50

ARLINGTON VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES
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Lic. No. 049174
9-22-2022
PROFESSIONAL ENGINEER

APPROVALS	DATE
QUALITY CONTROL ENGINEER	
CONSTRUCTION MANAGEMENT SUPERVISOR	
WATER, SEWER, STREETS BUREAU CHIEF	
TRANSPORTATION DIRECTOR	
PROJECT MANAGER	

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Plotted: September 22, 2022
Plotted by: james.see

ARLINGTON COUNTY, VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES

SEGMENT D - MAINTENANCE OF TRAFFIC
PHASE 1E

COLUMBIA PIKE - MULTIMODAL STREET IMPROVEMENTS
COLUMBIA PIKE - ROUTE 244

SCALE: 1" = 50' | SHEET: D23.11

ARLINGTON VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES
LUIS ARAYA
BUREAU CHIEF, DES - DEVELOPMENT SERVICES
3/7/2023
APPROVAL DATE

MOT PHASE 1E DETOUR

LEGEND

- WORK AREA
- CONSTRUCTION SIGN
- TYPE III BARRICADE
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN
- DETOUR ROUTE FOR PHASE 1E

ARLINGTON VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES
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ARLINGTON COUNTY, VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES

SEGMENT D - MAINTENANCE OF TRAFFIC
PHASE 1E DETOUR

COLUMBIA PIKE - MULTIMODAL STREET IMPROVEMENTS
COLUMBIA PIKE - ROUTE 244

SCALE: NOT TO SCALE | SHEET: D23.12

ARLINGTON VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES

LUIS ARAYA
BUREAU CHIEF, DES - DEVELOPMENT SERVICES

3/7/2023
APPROVAL DATE