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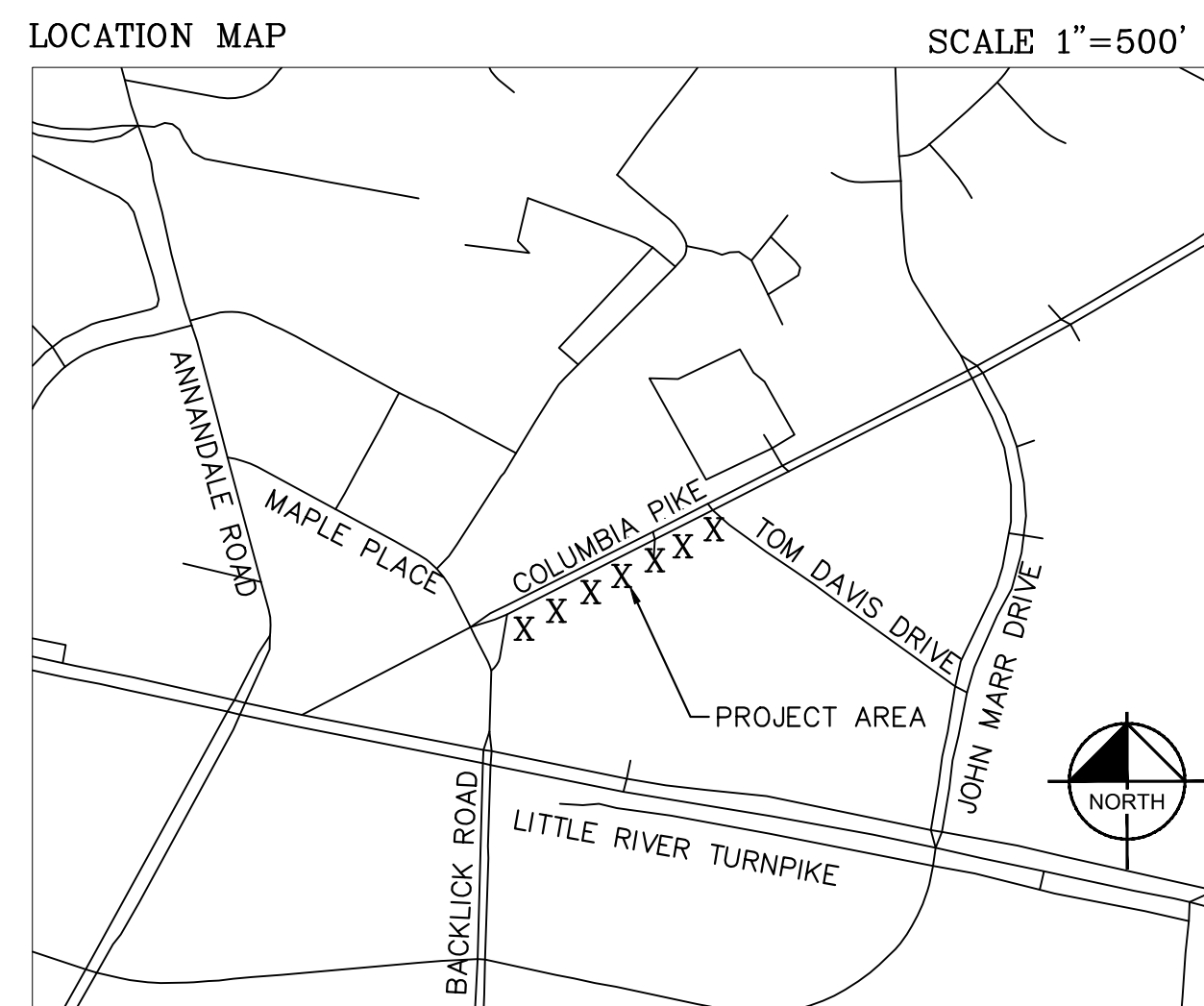
FHWA #_### (TBD)

STATE	FEDERAL AID PROJECT	ROUTE	STATE PROJECT	SHEET NO.
VA	TBD	244	TBD	1
SEE TABULATIONS BELOW FOR SECTION NUMBERS				
FUNCTIONAL CLASSIFICATION				
STREET NAME	COLUMBIA PIKE - ROUTE 244			
STREET CLASS	URBAN MINOR ARTERIAL			
AADT (2021)	25,000			
AADT (2041)	N/A			
DHV	1,943			
D (%)	56.64%			
T (%)	2%			
DESIGN V (MPH)	25 MPH			
POSTED V (MPH)	25 MPH			
DESIGN VEHICLE	SU-40			
CONTROL VEHICLE	WB-67			

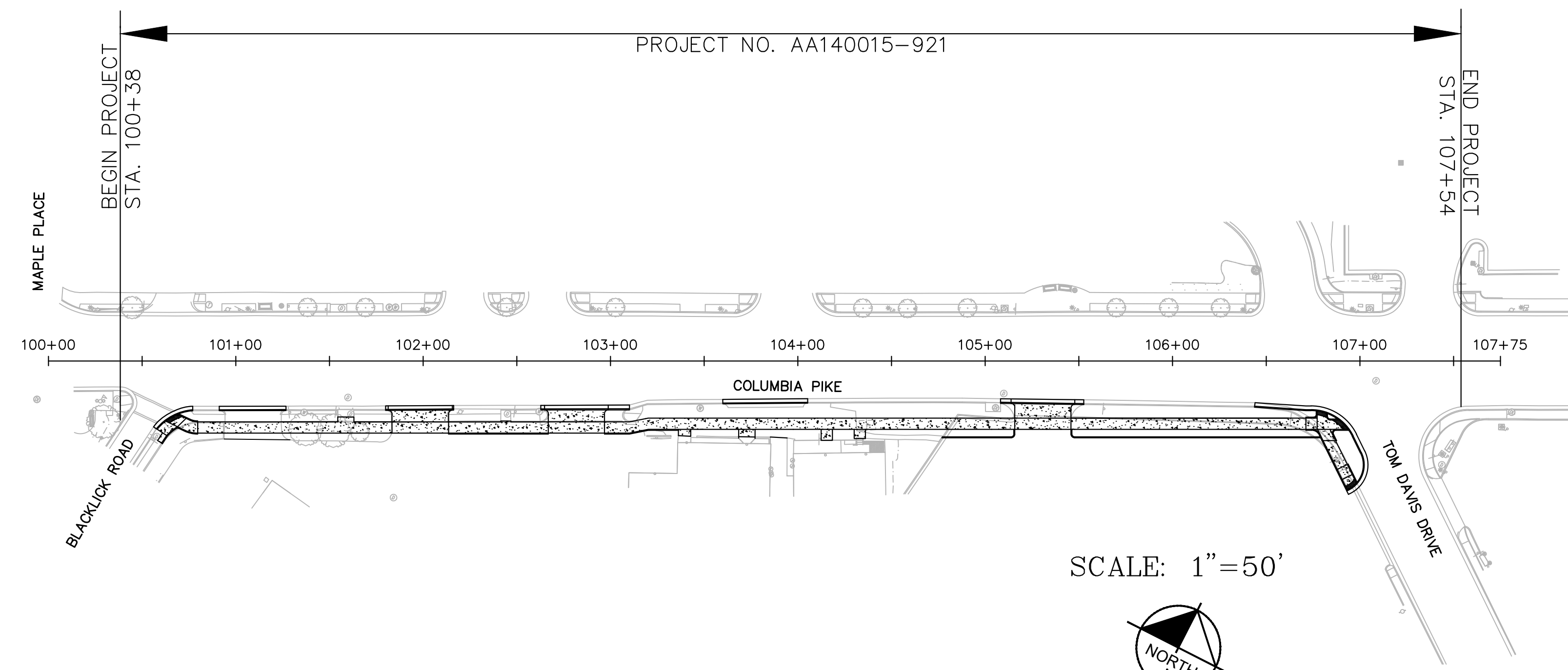
FAIRFAX COUNTY, VIRGINIA
DEPARTMENT OF PUBLIC WORKS
AND ENVIRONMENTAL SERVICES
FUND NO. 500-C50000
PROJECT NO. AA1400159-21 (FCDOT)
UPC NO. 118238

MAINTENANCE LEGEND:

XXX-VDOT
620 LP - 6' SIDEWALK



DISTRICT: MASON
TAX MAP: 71-1



PRELIMINARY
PLANS

NOT FOR
CONSTRUCTION

KIMLEY-HORN

COLUMBIA PIKE COMPLETE STREETS
PHASE 1

FROM: BACKLICK ROAD
TO: TOM DAVIS DRIVE

PRELIMINARY

DESIGN FEATURES RELATING TO CONSTRUCTION OR REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE VIRGINIA DEPARTMENT OF TRANSPORTATION

THIS PROJECT IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE DEPARTMENT'S:

- ROAD AND BRIDGE SPECIFICATIONS DATED 2020
- ROAD AND BRIDGE STANDARDS, DATED 2016, REVISED 2021
- MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), DATED 2009
- VIRGINIA SUPPLEMENT TO THE 2009 MUTCD, DATED 2011, REVISED 2013
- VIRGINIA WORK AREA PROTECTION MANUAL, REVISION 2.1 DATED NOVEMBER 1, 2020

AND AS AMENDED BY CONTRACT PROVISIONS AND THE COMPLETE ELECTRONIC PDF VERSION OF THE PLAN ASSEMBLY.

ALL CURVES ARE TO BE SUPERELEVATED, TRANSITIONED, AND WIDENED IN ACCORDANCE WITH STANDARD TC-5.11U EXCEPT WHERE OTHERWISE NOTED.

STATE PROJECT NO.	SECTION	FEDERAL AID PROJECT NO.	TYPE CODE	UPC NO.	EQUALITIES		LENGTH INCLUDING BRIDGE(S)		LENGTH EXCLUDING BRIDGE(S)		BRIDGE PLAN NO.	TYPE PROJECT	DESCRIPTION
					FEET	MILES	FEET	MILES	FEET	MILES			
TBD	P101		PENG	118238	716	0.14	716	0.14				PREL. ENGR.	BACKLICK ROAD TO TOM DAVIS DRIVE
	R201		ROWA	118238	716	0.14	716	0.14				RIGHT-OF-WAY	BACKLICK ROAD TO TOM DAVIS DRIVE
	C501		I000	118238	716	0.14	716	0.14				CONST.	BACKLICK ROAD TO TOM DAVIS DRIVE

LOCALLY ADMINISTERED PROJECTS	
FAIRFAX COUNTY	
NAME OF LOCALITY	
RECOMMENDED FOR APPROVAL FOR RIGHT-OF-WAY ACQUISITION	
DATE	TITLE OF POSITION
RECOMMENDED FOR APPROVAL FOR CONSTRUCTION	
DATE	TITLE OF POSITION

Plotted: Ex-Drafting: Derik - Sheet Set: Columbia Pike Complete Streets - Layout: 1 - TITLE SHEET - September 22, 2022 - 04:24:04pm - K:\VA_RDW\110213093_Columbia Pike Complete Streets\CAD\PlanSheets\1 TITLE SHEET.dwg - This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

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Plotted By: Doughty, Derek - Sheet Set: Columbia Pike Complete Streets - September 22, 2022 - 04:24:11pm
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EROSION AND SEDIMENT CONTROL

I. EROSION CONTROL NARRATIVE

PRIOR TO ANY LAND DISTURBING OPERATIONS, THE EROSION CONTROLS, AS SPECIFIED BY THE ENGINEERING PLANS, SHALL BE INSTALLED. ALL MECHANICAL AND VEGETATIVE PRACTICES SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS CONTAINED IN THE FAIRFAX COUNTY PUBLIC FACILITIES MANUAL (PFM) AND THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK (VESCH). SLOPE AREAS THAT CANNOT BE ADEQUATELY STABILIZED BY SEEDING, SHALL BE SODDED AND STAKED. AS DISTURBED AREAS, NOT TO BE CONSTRUCTED UPON, ARE FINAL GRADED, THEY SHALL BE PREPARED, LIME AND FERTILIZER APPLIED, SEEDED AND MULCHED. FOR THE AREAS OUTSIDE THE VDOT RIGHT-OF-WAY, THE SEED SHALL CONSIST OF A MATURE KENTUCKY 31 TALL FESCUE AND KENTUCKY BLUEGRASS IN ACCORDANCE WITH DEPARTMENT OF PUBLIC WORKS AND ENVIRONMENTAL SERVICES SPECIFICATIONS OR COUNTY APPROVED ALTERNATE SEED FOR AREAS LOCATED WITHIN THE VDOT RIGHT-OF-WAY. THE SEED MIX SHALL BE IN CONFORMANCE WITH CURRENT VDOT REQUIREMENTS. SEDIMENT CONTROLS AND MECHANICAL DEVICES SHALL BE REMOVED WITHIN 7 DAYS AFTER FINAL GRADING. ALL TEMPORARY SEDIMENT CONTROLS AND MECHANICAL DEVICES SHALL BE REMOVED FROM CONTRIBUTING AREAS AS THEY BECOME STABILIZED. FOR ADDITIONAL DETAILS, REFER TO THE CURRENT EDITION OF THE VESCH AND THE PFM.

II. EROSION, SEDIMENTATION, AND LAND CONSERVATION NOTES

- MEASURES TO CONTROL EROSION AND SILTATION SHALL BE PROVIDED PURSUANT TO AND IN COMPLIANCE WITH CURRENT FEDERAL, STATE AND LOCAL REGULATIONS. THE INFORMATION CONTAINED IN THE CONSTRUCTION PLANS AND/OR THE APPROVAL OF THE PLANS SHALL IN NO WAY RELIEVE THE CONTRACTOR OR HIS AGENT OF ANY LEGAL RESPONSIBILITY WHICH MAY BE REQUIRED BY THE CODE OF VIRGINIA OR ANY ORDINANCE ENACTED BY THE COUNTY OF FAIRFAX.
- ALL AREAS, ON OR OFF-SITE, WHICH ARE DISTURBED BY THIS CONSTRUCTION AND WHICH ARE NOT PAVED OR BUILT UPON, SHALL BE ADEQUATELY STABILIZED TO CONTROL EROSION AND SEDIMENTATION. ACCEPTABLE STABILIZATION SHALL CONSIST OF PERMANENT GRASS SEED MIXTURE INSTALLED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS. ALL SLOPES 2:1 AND OR GREATER SHALL BE SODDED AND STAKED OR OTHERWISE STABILIZED IN A MANNER APPROVED BY THE ENGINEER.
- ANY DISTURBED AREA NOT PAVED, PERMANENTLY SEEDED, SODDED, OR BUILT BY 1ST OF NOVEMBER OR DISTURBED AFTER THAT DATE, IS TO BE SEEDED WITHIN 14 DAYS WITH OATS, ABRUZZI RYE OR APPROVED EQUIVALENT, AND MULCHED WITH HAY OR STRAW MULCH AT A RATE OF 2 TONS PER ACRE AND OVERSEED BY APRIL 15. FOR ADDITIONAL DETAILS, REFER TO THE CURRENT EDITION OF VESCH AND THE PFM.
- NO ONGOING OR CONTINUOUS ACTIVE AREAS MAY BE LEFT DENUEDED FOR A PERIOD LONGER THAN 14 DAYS EXCEPT FOR THAT PORTION OF THE SITE IN WHICH WORK WILL BE CONTINUOUS BEYOND 14 DAYS.
- TEMPORARY DIVERSIONS SEEDED AND MULCHED OR STAKED STRAW BALE DIVERSIONS AND OTHER CONTROL MEASURES NECESSARY ARE TO BE PLACED AS INDICATED ON THE DRAWINGS PRIOR TO OR AS THE FIRST STEP IN EXCAVATION.
- WHEN IN ACCORDANCE WITH STATE AND FEDERAL JOB SAFETY REQUIREMENTS, ALL EXCAVATED MATERIAL IS TO BE PLACED ON THE UPHILL SIDE OF TRENCHES. NO MATERIAL IS TO BE PLACED IN STREAMS. ANY STOCKPILED MATERIAL WHICH WILL REMAIN IN PLACE LONGER THAN 14 DAYS IS TO BE SEEDED FOR TEMPORARY VEGETATION AND MULCHED. WHERE SPOIL IS PLACED ON THE DOWNHILL SIDE OF TRENCH, IT IS TO BE BACKSLOPED TO DRAIN TOWARD THE TRENCH. WHEN NECESSARY TO DEWATER THE TRENCH, THE PUMP DISCHARGE HOSE MUST OUTLET IN A STABILIZED AREA OR A SEDIMENT BASIN.
- WHERE STREAM CROSSINGS ARE REQUIRED FOR EQUIPMENT, TEMPORARY CULVERTS SHALL BE PROVIDED.
- DURING CONSTRUCTION, ALL STORM SEWER INLETS WILL BE PROTECTED BY SILT TRAPS, MAINTAINED AND MODIFIED AS REQUIRED BY CONSTRUCTION PROGRESS.
- ALL DISTURBED AREAS ARE TO BE SEEDED AND MULCHED OR SODDED WITHIN 5 DAYS AFTER BACKFILL OF THE APPLICABLE TRENCH SECTION, IN ACCORDANCE WITH THE PROVISIONS CONTAINED IN THE PROJECT SPECIFICATIONS RELATING TO SEEDING AND SODDING. SPEED IS THE ESSENTIAL LAND CONSERVATION ELEMENT FOR A LINEAR PROJECT.
- FOR FURTHER REQUIREMENTS AND DETAILS OF TREE PRESERVATION, PLANTING, EROSION AND SEDIMENT CONTROL, REFER TO THE PFM AND/OR THE VESCH.
- ALL EROSION AND SEDIMENT CONTROLS SHALL BE REMOVED WITHIN 30 DAYS AFTER THE PROJECT IS STABILIZED.
- AN EROSION AND SEDIMENT CONTROL CONTRACTOR CERTIFICATION IS REQUIRED FOR ALL LAND DISTURBING ACTIVITIES WITHIN VDOT RIGHT-OF-WAY.
- THE CONTRACTOR SHALL PROPERLY INSTALL AND MAINTAIN EROSION AND SEDIMENT CONTROLS FOR THE LIFE OF THE PROJECT AND ROUTINELY CHECK CONTROL DEVICES BEFORE, DURING, AND AFTER STORM EVENTS.
- AN 80% GERMINATION MUST BE OBTAINED PRIOR TO VDOT PERMIT RELEASE.
- ADDITIONAL "LAND CONSERVATION NOTES" AND PROJECT SPECIFIC EROSION AND SEDIMENT CONTROL NARRATIVES, IF PROVIDED, WILL BE ON A SEPARATE SHEET AND SHOULD BE NOTED ON PLAN COVER SHEET.

CONSTRUCTION NOTES

- ALL CONSTRUCTION, INCLUDING ANY PROPOSED LANDSCAPING, SHALL CONFORM TO THE CURRENT EDITION OF THE FAIRFAX COUNTY PUBLIC FACILITIES MANUAL (PFM) AND THE VIRGINIA DEPARTMENT OF TRANSPORTATION (VDOT) STANDARDS AND SPECIFICATIONS AND SHALL CONFORM TO THE CURRENT EDITION OF THE VIRGINIA UNIFORM STATEWIDE BUILDING CODE (VUSBC).
- ALL CONSTRUCTION WITHIN THE VDOT RIGHT-OF-WAY SHALL CONFORM TO THE PROVISIONS CONTAINED IN THE VDOT LAND USE PERMIT (LUP) ISSUED FOR THIS LOCATION. THE CONTRACTOR SHALL BE THOROUGHLY FAMILIARIZED WITH THE REQUIREMENTS OF THIS LAND USE PERMIT PRIOR TO THE START OF ANY CONSTRUCTION IN VDOT RIGHT-OF-WAY. THE SPECIAL PROVISIONS IN LUP-SPG (SPECIAL PROVISIONS - GENERAL) ARE A PART OF THE VDOT LAND USE PERMIT.
- UNLESS MORE STRINGENT COMPACTION REQUIREMENTS ARE INDICATED ON THE PLANS OR IN THE SPECIFICATIONS, THE BACKFILL OF EMBANKMENT MATERIAL, THE INSTALLATION OF TRENCH BACKFILL AND THE RESTORATION OF DISTURBED AREAS SHALL BE COMPACTED IN ACCORDANCE WITH THE CURRENT EDITION OF VDOT ROAD AND BRIDGE SPECIFICATIONS. ALL COMPACTION SHALL BE AT +/- 2% OF THE OPTIMUM MOISTURE CONTENT.
- ALL SUBGRADE, SUBBASE, BASE, AND SHOULDER MATERIAL SHALL BE PLACED AND COMPACTED TO THE DENSITY SPECIFIED IN THE CURRENT EDITION OF THE VDOT ROAD AND BRIDGE SPECIFICATIONS. ALL COMPACTION SHALL BE AT +/- 2% OF THE OPTIMUM MOISTURE CONTENT.
- THE CONTRACTOR SHALL PROVIDE ADEQUATE MEANS OF CLEANING TRUCKS AND/OR OTHER EQUIPMENT OF MUD PRIOR TO ENTERING THE VDOT RIGHT-OF-WAY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CLEAN ALL STREETS, ALLAY DUST AND TO TAKE WHATEVER MEASURES NECESSARY TO ENSURE THE ROAD(S) ARE MAINTAINED IN A CLEAN, MUD AND DUST FREE CONDITION AT ALL TIMES.
- TEMPORARY OR PERMANENT PAVEMENT PATCHES ARE TO BE PLACED IN ALL ROADWAY CUTS WITH HOT MIX THE SAME DAY THE CUT IS MADE IN ACCORDANCE WITH VDOT REQUIREMENTS. SEE SPECIAL PROVISIONS FOR PAVEMENT OPEN CUTS, FORM LUP-OC (OPEN-CUT PAVEMENT RESTORATIONS REQUIREMENTS) FOR DETAILS.
- THE TOP ELEVATION OF EXISTING MANHOLES SHALL BE ADJUSTED TO MEET THE FINAL PAVEMENT ELEVATION AT THE TIME OF FINAL PAVING OPERATIONS. ALL MANHOLES ARE TO BE PROTECTED FROM THE TRAVELING PUBLIC. NO MANHOLE IS TO BE RAISED ABOVE THE TOP ELEVATION OF THE ROADWAY WITHOUT APPROPRIATE TRANSITION.
- THE CONTRACTOR IS TO ADJUST MANHOLE, VALVE, AND METER BOX COVERS BEFORE PLACING FINAL SURFACE PAVEMENT.
- THE CONTRACTOR SHALL VISIT THE SITE AND SHALL VERIFY EXISTING CONDITIONS PRIOR TO SUBMITTING A BID FOR THE CONSTRUCTION OF THE PROJECT.
- WHERE EXISTING NATURAL DRAINAGE DITCHES OR STREAM BANKS ARE DISTURBED DURING CONSTRUCTION, THE CONTRACTOR SHALL RESTORE THESE AREAS TO ORIGINAL ALIGNMENT, GRADE, AND INVERT.
- PROPOSED TOP OF CURB GRADES SHALL BE FIELD ADJUSTED AS REQUIRED TO CONFORM TO THE INTENT OF THE TYPICAL SECTION. A SMOOTH GRADE SHALL BE MAINTAINED FROM THE CENTERLINE TO THE PROPOSED EDGE OF THE PAVEMENT OR FACE OF THE CURB TO PRECLUDE THE FORMING OF FALSE GUTTERS AND/OR THE PONDING OF WATER ON THE ROADWAY. THE EXISTING PAVEMENT SHALL BE RECAPPED AND/OR REMOVED AND REPLACED AS REQUIRED TO ACCOMPLISH THIS REQUIREMENT. ALL CURB FORMS SHALL BE INSPECTED FOR HORIZONTAL AND VERTICAL ALIGNMENT BY FAIRFAX COUNTY OR THEIR AUTHORIZED REPRESENTATIVES PRIOR TO PLACING OF CONCRETE.
- THE FOLLOWING PROVISIONS SHALL APPLY TO THE USE OF SHEETING AND SHORING:
 - SHEETING AND SHORING OR OTHER APPROVED METHODS FOR TRENCH BRACING WILL BE REQUIRED ON THIS CONTRACT AS NEEDED TO MEET ALL SAFETY REQUIREMENTS.
 - UNLESS OTHERWISE DIRECTED BY THE ENGINEER, SHEETING AND SHORING WILL BE REMOVED FROM ALL TRENCHES PRIOR TO BACKFILLING OPERATIONS.
 - UNLESS SPECIFICALLY IDENTIFIED IN THE CONTRACT DOCUMENTS, NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR SHEETING AND SHORING.

GENERAL NOTES

(THESE GENERAL NOTES SHALL BE USED WHERE THEY ARE APPLICABLE TO THE PROJECT PLANS)

CONSTRUCTION NOTES (CONTINUED)

- THE CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS WITH SEED AND MULCH OR SOD IN ACCORDANCE WITH THE RESTORATION SCHEDULE NOTED ON THE APPROPRIATE SHEET.
- THE CONTRACTOR SHALL RESTORE ALL DRIVEWAYS DISTURBED DURING CONSTRUCTION. RESTORATION SHALL CONSIST OF THE FOLLOWING:
 - GRAVEL DRIVEWAY - PROVIDE MINIMUM 6" COMPACTED 21A.
 - ASPHALT DRIVEWAY - PROVIDE 6" COMPACTED 21A WITH MINIMUM 2" SM-9.5A OVERLAY.
 - CONCRETE DRIVEWAY - PROVIDE A NEAT SAWCUT CONNECTION, MINIMUM 4" COMPACTED 21A AND 5" CLASS A4 CONCRETE WITH WELDED WIRE MESH 6X6 - W2.9 X W2.9.
- WHERE A PROPOSED PIPE CROSSES OR PARALLELS A STREET, THE ASPHALT SHALL BE NEATLY SAWCUT TO FULL DEPTH. AFTER INSTALLATION OF THE PIPE, THE ROADWAY SHALL BE PATCHED IN ACCORDANCE WITH THE VDOT LAND USE PERMIT ISSUED FOR THE PROJECT, LUP-OC (OPEN-CUT PAVEMENT RESTORATIONS REQUIREMENTS) NOVA.
- HORIZONTAL LOCATION OF THE SERVICE CONNECTIONS AT SANITARY SEWER MAINS, IF INDICATED ON THE CONSTRUCTION PLANS, WERE TAKEN FROM TELEVISION INSPECTION REPORTS. ALL SERVICE CONNECTIONS WERE SHOWN TO BE IN THE UPPER TWO QUADRANTS OF THE MAINS. EXCEPT FOR INTERPOLATION OF THE INVERT AT THE SANITARY MAINS, THE ELEVATIONS AND VERTICAL LOCATIONS OF THE SERVICE CONNECTIONS ARE NOT KNOWN. IN SEWER MAINS AS NOTED, TELEVISION INSPECTION DID NOT DETECT ANY SERVICE CONNECTIONS AND THE LOCATIONS SHOWN ON THE DRAWING ARE THE MOST PROBABLE POSITIONS FOR SERVICE CONNECTIONS.
- THE PAVEMENT DESIGN IN THE CONSTRUCTION PLANS WAS PREPARED BASED ON AVAILABLE SUBSURFACE INFORMATION INCLUDING LABORATORY CALIFORNIA BEARING RATIO (CBR) TESTS THAT WERE PERFORMED DURING THE DESIGN SUBSURFACE INVESTIGATION. WHEN THE CONTRACTOR REACHES THE SUBGRADE ELEVATION, ADDITIONAL CBR TEST LOCATIONS MAY BE DIRECTED BY THE ENGINEER FOR SELECTED LOCATIONS BASED ON ACTUAL FIELD CONDITIONS OBSERVED. THE CBR SAMPLES AND TESTS SHALL BE PERFORMED BY A GEOTECHNICAL ENGINEERING FIRM UNDER CONTRACT WITH FAIRFAX COUNTY. THE RESULTS OF THE ENGINEER'S EVALUATION OF THE CBR LABORATORY TESTS SHALL BE OBTAINED IN WRITING PRIOR TO THE PLACEMENT OF ANY SUBBASE OR BASE MATERIAL IN THE AREA(S) UNDER CONSIDERATION. THE PROPOSED PAVEMENT DESIGN FOR THE AREA(S) UNDER CONSIDERATION WILL EITHER BE CONFIRMED OR ADJUSTED BY THE ENGINEER BASED ON THE RESULT OF THE CBR TEST RESULTS. THE CONTRACTOR SHALL COOPERATE WITH THE ENGINEER BY MODIFYING CONSTRUCTION ACTIVITIES AND/OR SCHEDULING IN ORDER TO PERMIT THE ADDITIONAL CBR TESTING. THE CONTRACTOR SHALL NOT BE ENTITLED TO ANY MONETARY DAMAGES WHATSOEVER FOR ANY DELAYS RESULTING FROM THIS TESTING. THE CONTRACTOR SOLE RELIEF IS A TIME EXTENSION GRANTED IN ACCORDANCE WITH ARTICLE 8.3 OF CONTRACT GENERAL CONDITIONS.
- ALL PROPERTY MONUMENTS LYING WITHIN CONSTRUCTION LIMITS SHALL BE LOCATED AND DOCUMENTED BY A VIRGINIA LICENSED LAND SURVEYOR PRIOR TO CONSTRUCTION. THE CONTRACTOR MUST MAKE ALL REASONABLE EFFORTS TO AVOID DISTURBANCE/HAZARD TO THE PROPERTY MONUMENTS. IF DISTURBED/HARMED, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY FAIRFAX COUNTY LAND SURVEY BRANCH AT 703-324-5151 OF SUCH INCIDENT. AFTER PROJECT CONSTRUCTION IS COMPLETED, THE MONUMENT SHALL BE REPLACED/RESTORED, AT THE CONTRACTOR'S EXPENSE, TO ITS ORIGINAL LOCATION BY A VIRGINIA LICENSED LAND SURVEYOR. THE CONTRACTOR SHALL ALSO NOTIFY LAND SURVEY BRANCH AT 703-324-5151 AFTER THE MONUMENT IS REPLACED AT ITS ORIGINAL LOCATION.
- AT THE COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL SUBMIT THE SURVEYOR'S SEALED AS-BUILT DRAWINGS FOR THE PIPE SET IN THE FIELD TO THE COUNTY'S CONSTRUCTION MANAGER.
- GEOTECHNICAL ENGINEERING REPORTS ARE AVAILABLE UPON REQUEST BUT ARE FOR INFORMATIONAL PURPOSES ONLY AND ARE NOT TO BE CONSTRUED TO BE PART OF THE CONTRACT. THE OWNER WILL NOT BE RESPONSIBLE FOR INTERPRETATIONS OR CONCLUSIONS DRAWN FROM THIS DATA BY THE CONTRACTOR. THE CONTRACTOR HAS THE OPTION FOR PERFORMING ADDITIONAL TEST BORINGS AND OTHER EXPLORATORY OPERATIONS TO OBTAIN ADDITIONAL INFORMATION NEEDED PRIOR TO BID AT THEIR OWN COST.

TRANSPORTATION MANAGEMENT PLAN

- THE CONTRACTOR SHALL BE REQUIRED TO SUBMIT CHANGES TO THE APPROVED TRANSPORTATION MANAGEMENT PLANS FOR APPROVAL BY VDOT A MINIMUM OF 30 WORKING DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAILY TRAFFIC CONTROL SUCH AS LANE CLOSURES, FLAGGERS, DRIVEWAY ENTRANCES, ETC., TO PROPERLY MAINTAIN TRAFFIC THROUGHOUT THE PROJECT AS PER CONTRACT DRAWINGS.
- EXISTING SURFACE, BASE, AND SUBBASE MATERIAL WHICH WILL BE DEMOLISHED OR OBLITERATED DURING CONSTRUCTION AND WHICH IS DETERMINED SUITABLE BY THE ENGINEER, SHALL BE SALVAGED AND UTILIZED FOR TRAFFIC MAINTENANCE.
- ALL REQUIRED CONSTRUCTION SIGNING, TEMPORARY PAVEMENT WIDENING, TEMPORARY LAND STABILIZATION, TRAFFIC BARRIERS, TEMPORARY PAVEMENT MARKINGS, ERADICATION, ETC., SHALL BE INCLUDED IN THE CONTRACTOR'S BID PRICE FOR TRAFFIC MAINTENANCE.
- GROUP 2 CHANNELIZING DEVICES SHALL BE USED AT ALL DROP-OFFS GREATER THAN OR EQUAL TO SIX INCHES, BUT LESS THAN ONE FOOT. DROP-OFFS SHALL BE BACKFILLED UNTIL 6:1 TAPER IS OBTAINED.
- CONCRETE BARRIERS SHALL BE USED AT ALL DROP-OFFS GREATER THAN OR EQUAL TO TWO FEET.
- CONES WITH A MINIMUM HEIGHT OF 36" SHALL BE USED AT ALL TRANSITIONS. CONES USED DURING NIGHTTIME HOURS SHOULD HAVE THE APPROVED REFLECTIVE SLEEVES ON THEM.
- ALL TRAFFIC MAINTENANCE SHALL CONFORM WITH THE FOLLOWING AND LATEST REVISIONS THERETO: THE VIRGINIA WORK AREA PROTECTION MANUAL, VDOT ROAD AND BRIDGE SPECIFICATIONS, VDOT ROAD AND BRIDGE STANDARDS, THE FHWA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS (MUTCD), AND 2011 EDITION OF VIRGINIA SUPPLEMENT TO THE MUTCD (REVISION 1).
- ALL EXISTING SIGNS SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION, VDOT LAND USE PERMIT, SPECIAL PROVISIONS - GENERAL
- CONTRACTOR SHALL MAINTAIN ACCESS TO ALL DRIVEWAY ENTRANCES DURING CONSTRUCTION.
- TEMPORARY CLOSURE AFFECTING EGRESS TO ADJACENT PROPERTIES SHALL BE COORDINATED WITH AFFECTED PARTIES.
- PEDESTRIAN DETOURS SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION ACCORDING TO VIRGINIA WORK AREA PROTECTION MANUAL AND MUTCD GUIDELINES.
- CLEAR ZONE SHALL BE MAINTAINED FREE OF PARKED EQUIPMENT AND STORED MATERIAL AT ALL TIMES.
- THE CONTRACTOR SHALL INFORM THE VDOT TRAFFIC OPERATIONS CENTER OF ANY LANE CLOSURES AND SUBSEQUENT OPENINGS ON A DAILY BASIS BY CALLING 703-877-3449 AND REFER TO LANE CLOSURE ADVISORY MANAGEMENT SYSTEM (LCAMS) IDENTIFICATION NUMBER. THE CONTRACTOR SHALL ALSO INFORM VDOT ASSIGNED INSPECTOR PRIOR TO LANE CLOSURE. LANE CLOSURE REQUESTS SHALL BE SENT TO NROPSTOCOPERATIONS@VDOT.VIRGINIA.ORG.
- THE CONTRACTOR SHALL ALSO COORDINATE/COMMUNICATE, WITH THE NEARBY AFFECTED PROPERTY OWNERS, TO NAME A FEW INCLUDES SCHOOLS (PRIVATE/PUBLIC), HOSPITALS, LIBRARIES, FIRE AND POLICE DEPARTMENTS, HOMEOWNERS' ASSOCIATIONS, FOR FUTURE LANE CLOSURES AND THEIR DURATIONS AFFECTING THE PLANNED LANE CLOSURES. IF THE PROJECT IS IN A CLOSE PROXIMITY TO THE AFFECTED JURISDICTION OTHER THAN FAIRFAX COUNTY, THE CONTRACTOR SHALL ALSO COORDINATE THE PLANNED LANE CLOSURE(S) WITH THE AFFECTED JURISDICTIONS. THIS COMMUNICATION SHOULD OCCUR PRIOR TO ENTERING THE REQUEST FOR THE IMPLEMENTATION OF TEMPORARY LANE CLOSURE INTO THE VDOT LANE CLOSURE ADVISORY MANAGEMENT SYSTEM (LCAMS).

SANITARY SEWER

- ALL SANITARY SEWER IN THIS CONTRACT SHALL BE ANSI/AWAA C900 PVC PIPE UNLESS OTHERWISE NOTED.
- LENGTHS OF PIPE SHOWN ON THE DRAWINGS ARE MEASURED FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE.
- FOR NEW SANITARY SEWER, ALL LATERAL SPUR CONNECTIONS SHALL BE MADE WITH MANUFACTURED "TEE" OR "WYE" FITTINGS.
- IN SUBDIVISIONS WHERE THE SANITARY STREET SEWER MAINS ARE BEING INSTALLED BY THE CONTRACTOR, AND IF SHOWN ON THE PLANS, THE CONTRACTOR ALSO MUST INSTALL A LATERAL EXTENSION FROM THE SANITARY SEWER MAIN TO A MINIMUM OF 20 FEET BEYOND THE PROPERTY LINE OR WITHIN 5 FEET OF THE MINIMUM YARD REQUIREMENT, WHICHEVER DISTANCE IS LESS, FOR SINGLE FAMILY DETACHED LOTS, AND TO A MINIMUM OF 5 FEET BEYOND THE PROPERTY LINE OR SANITARY SEWER EASEMENT, WHICHEVER DISTANCE IS GREATER, FOR SINGLE-FAMILY TOWNHOUSE LOTS IN ACCORDANCE WITH PFM PLATES 18-10 AND 19-10. THIS EXTENSION IS TO RECEIVE THE BUILDING SEWER FOR EACH LOT. THE CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS AFTER THE WORK IS COMPLETED.
- IF THE UPPER ENDS OF THE LATERAL SPURS ARE GREATER THAN 6' BELOW THE GROUND SURFACE, THEN THE CONTRACTOR SHALL INSTALL TWO 45 DEGREE BENDS AND A VERTICAL RISER (ALL 4" DIAMETER MINIMUM) TO WITHIN 4' OF THE GROUND SURFACE. THE INVERT SHOWN IN THE PROFILE IS AT THE BOTTOM OF THE LOWER 45 DEGREE BEND.
- AS-BUILT DRAWINGS FOR ALL NEW SANITARY SEWER INSTALLATIONS AND/OR ADJUSTMENTS TO EXISTING SANITARY SEWER FACILITIES SHALL BE PREPARED IN ACCORDANCE WITH SECTION 10-0104.6 OF THE FAIRFAX COUNTY PUBLIC FACILITIES MANUAL.
- WHEN AN EXISTING SANITARY SEWER IS REPLACED, ALL EXISTING SANITARY SEWER LATERAL SPUR LINES SHALL BE RECONNECTED TO THE NEW SANITARY SEWER.
- THE CONTRACTOR SHALL OBTAIN A FAIRFAX COUNTY PLUMBING PERMIT PRIOR TO CONNECTION OF A SANITARY SPUR LINE TO THE MAIN SANITARY SEWER.
- AN ACCEPTANCE TEST MUST BE COMPLETED FOR ALL NEW GRAVITY SEWER LINES. THE TEST MAY BE A WATER TEST, AN AIR TEST, OR A VACUUM TEST IN ACCORDANCE WITH PFM.

CONSTRUCTION NOTES (CONTINUED)

STORM SEWER

- A WATERTIGHT CONNECTION SHALL BE MADE AT ALL PIPES ENTERING DRAINAGE STRUCTURES. IN ADDITION, WATERTIGHT CONNECTIONS SHALL BE MADE BETWEEN SECTIONS OF PIPE.
- LENGTH OF PIPE SHOWN ON THE DRAWINGS ARE MEASURED FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE.
- INVERT ELEVATIONS SHOWN ON THE DRAWINGS ARE TAKEN AT THE FACE OF THE STRUCTURE.
- SHAPE THE INVERTS OF ALL STRUCTURES ACCORDING TO VDOT STANDARD IS-1.
- STORM SEWER AND CULVERT PIPE SHALL BE REINFORCED CONCRETE PIPE TO CONFORM TO THE CURRENT AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS (AASHTO) DESIGNATION M170 (STANDARD SPECIFICATION FOR REINFORCED CONCRETE CULVERT, STORM DRAIN, AND SEWER PIPE), UNLESS OTHERWISE DESIGNATED ON THE PLANS. CLASS III PIPE WILL BE REQUIRED WITHIN THE LIMITS OF VDOT RIGHT-OF-WAY, UNLESS OTHERWISE NOTED.
- MINOR FIELD ADJUSTMENTS IN THE ELEVATION AND ALIGNMENT OF THE STORM SEWER AND STRUCTURE MIGHT BE NECESSARY TO MEET EXISTING CONDITIONS AND PROPOSED FINAL GRADING. THE CONTRACTOR SHALL NOTIFY FAIRFAX COUNTY DEPARTMENT OF PUBLIC WORKS AND ENVIRONMENTAL SERVICES PRIOR TO MAKING ANY NECESSARY ADJUSTMENTS.
- TOP OF STRUCTURES SHALL BE SET TO MATCH CURB AND GUTTER, SIDEWALK AND/OR DITCH CONSTRUCTION.
- A VIDEO INSPECTION OF ALL NEW OR MODIFIED STORM SEWERS IN VDOT RIGHT-OF-WAY WILL BE REQUIRED NO MORE THAN 60 DAYS IN ADVANCE OF PROJECT ACCEPTANCE BY VDOT.

SIDEWALKS AND TRAILS

(UNLESS OTHERWISE NOTED ON THE PLANS, FOLLOWING GENERAL NOTES SHALL APPLY FOR SIDEWALKS AND TRAILS)

- A MINIMUM OF 2 FEET IS REQUIRED BETWEEN TRAIL EDGE AND ANY VERTICAL OBSTRUCTIONS SUCH AS TREES, UTILITY POLES, SIGNS OR OTHER OBSTACLES.
- A 2 FEET MINIMUM UTILITY STRIP IS REQUIRED BETWEEN THE EDGE OF THE TRAIL AND BACK OF THE CURB AND GUTTER.
- UTILITY STRIP REQUIREMENTS FOR WALKWAYS WITHIN THE VDOT ROW, FOLLOW THE GUIDELINES NOTED IN APPENDIX B - VDOT SUBDIVISION STREET DESIGN GUIDE.
- A MINIMUM 10 FOOT SEPARATION IS REQUIRED BETWEEN THE EDGE OF SIDEWALK AND THE EDGE OF THE PAVEMENT FOR NON-CURB AND GUTTER ROADS, UNLESS OTHERWISE NOTED ON THE PLANS.
- ALL HANDRAIL MATERIAL AND INSTALLATION SHALL CONFORM TO THE CURRENT VDOT ROAD AND BRIDGE STANDARDS 601.05, STANDARD HANDRAIL METHOD OF LOCATING AND ERECTING. THE FOUNDATION DETAIL FOR HANDRAILS SHALL BE SPECIFIED IN THE CONSTRUCTION DRAWINGS.
- ALL VEGETATIVE MATERIAL WITHIN 10 FEET OF VERTICAL CLEARANCE FROM THE PROPOSED TRAIL SHALL BE REMOVED PRIOR TO THE CONSTRUCTION. THE HORIZONTAL CLEARING LIMITS SHALL BE IN ACCORDANCE WITH THE DETAIL ON THE DETAIL SHEET OR PFM PLATE 4-8. AN EXCEPTION TO THIS REQUIREMENT SHALL BE TO SAVE ANY TREES THAT ARE DESIGNATED ON THE CONSTRUCTION PLANS.
- THE GRADES FOR PROPOSED SIDEWALK SHALL BE IN ACCORDANCE WITH CONSTRUCTION PLANS. ANY FIELD ADJUSTMENT OF THE PROPOSED SIDEWALK SHALL BE APPROVED BY THE ENGINEER. THE FOLLOWING GRADE CRITERIA SHALL BE ADHERED TO:
 - MINIMUM: 1% EXCEPT IN SAGS WHERE PROPER DRAINAGE IS PROVIDED BY THE CROSS SLOPE.
 - MAXIMUM: ROADWAY GRADE OR 5% WHICHEVER IS GREATER.
- OUTDOOR SURFACES INDICATED TO BE SLOPED SHALL DRAIN WITHOUT ALLOWING WATER TO POOL AT ANY DEPTH. THIS INCLUDES BUT IS NOT LIMITED TO WALKING, PARKING, AND DRIVING SURFACES.
- ALL DRIVEWAYS SHALL BE GRADED AS INDICATED ON THE CONSTRUCTION PLANS TO CONFORM TO ALLOWABLE CROSS SLOPES FOR THE WALKWAY. THE CROSS SLOPES FOR WALKWAYS (SIDEWALKS AND TRAILS) SHALL BE A MAXIMUM ALLOWABLE OF 25:1 OF WIDTH.
- THE MINIMUM ALLOWABLE TURNING RADIUS FOR WALKWAYS SHALL BE 20 FEET. ANY TURNING RADIUS LESS THAN 20 FEET, REQUIRED DUE TO FIELD ADJUSTMENTS, SHALL BE APPROVED BY THE ENGINEER.
- ALL MATERIALS AND CONSTRUCTION METHODS SHALL CONFORM TO THE REQUIREMENTS FOR WALKWAYS IN THE CURRENT EDITION OF FAIRFAX COUNTY PUBLIC FACILITIES MANUAL.
- UNLESS MORE STRINGENT COMPACTION REQUIREMENTS ARE NOTED ON THE PLANS, THE SUBGRADE FOR ALL WALKWAYS SHALL BE COMPACTED TO A MINIMUM OF 95% OF THEORETICAL MAXIMUM DRY DENSITY AT THE OPTIMUM MOISTURE CONTENT WITHIN THE TOLERANCE SPECIFIED IN THE CURRENT EDITION OF THE VDOT ROAD AND BRIDGE SPECIFICATIONS.
- SHARED-USE PATHS, FOR CURB AND GUTTER STREETS, SHALL BE A MINIMUM OF 6 FEET FROM THE BACK OF THE CURB. THE MINIMUM PAVEMENT WIDTH OF SHARED USE PATH SHOULD BE 10 FEET. A MINIMUM OF 2-FOOT-WIDE GRADED SHOULDER SHOULD BE MAINTAINED ADJACENT TO BOTH SIDES OF THE TRAIL.
- A MINIMUM OF 3 FEET CLEAR ZONE SHOULD BE MAINTAINED FROM THE EDGE OF THE PATH FOR SHARED USE PATHS, IN ACCORDANCE WITH APPENDIX B OF VDOT SUBDIVISION STREET DESIGN GUIDE, UNLESS OTHERWISE SPECIFICALLY NOTED ON THE PLANS AT EACH LOCATION.

TREE REMOVAL PROTECTION DURING CONSTRUCTION IN EASEMENTS



DENOTES AN EXISTING TREE NOT TO BE REMOVED OR DAMAGED. ALL REMAINING TREES WITHIN THE EASEMENT LIMITS CAN BE REMOVED AS REQUIRED TO PERFORM THE CONSTRUCTION. IN ADDITION, THE CONTRACTOR MUST REMOVE ANY TREES ADVERSELY AFFECTED BY THE CONSTRUCTION TO THE EXTENT THAT IT IS LIKELY TO DIE IN THE OPINION OF THE COUNTY ARBORIST; HOWEVER, EVERY EFFORT WILL BE MADE TO AVOID THE REMOVAL OR DISTURBANCE OF REMAINING TREES.



DENOTES TREES TO HAVE TREE PROTECTION FENCE AT DRIPLINE AS PER ARTICLE 12 OF THE FAIRFAX COUNTY PUBLIC FACILITIES MANUAL.



DENOTES AN EXISTING TREE TO BE REMOVED. THIS INCLUDES THE REMOVAL AND/OR GRINDING OF STUMPS TO A MINIMUM OF 12" BELOW FINISHED GRADE.

FOR ALL EXCAVATION WORK ANYWHERE IN VIRGINIA!

ALWAYS NOTIFY 811 **PRELIMINARY**

EMERGENCY POLICE - FIRE - RESCUE 911				REVISED: FEBRUARY 2021							
FAIRFAX COUNTY, VIRGINIA											
DEPARTMENT OF PUBLIC WORKS AND ENVIRONMENTAL SERVICES CAPITAL FACILITIES											
12000 GOVERNMENT CENTER PARKWAY, SUITE 449 FAIRFAX, VA., 22035-0052											
R	E	V	I	S	O	N	S		CAPITAL FACILITIES		
									703-324-5800		
								COLUMBIA PIKE COMPLETE STREETS PHASE 1			
								GENERAL NOTES			
				FUND NO. 500-C50000		PROJECT NO. AA1400159-21					
				SCALE N/A		DESIGNED BY: MW DRAFTED BY: HS CHECKED BY: DD		SHEET 1A			
APPROVED BY CAPITAL FACILITIES											

GENERAL NOTES 2: UTILITIES

(THESE GENERAL NOTES SHALL BE USED WHERE THEY ARE APPLICABLE TO THE PROJECT PLANS)

MISS UTILITY, VA811: CALL 1-800-552-7001 OR 811
<https://va811.com/>

UTILITIES NOTES

PRIMARY UTILITY COMPANIES (UPDATED NOVEMBER 2020)

(THIS IS NOT A COMPLETE LIST OF ALL UNDERGROUND UTILITY OPERATORS IN FAIRFAX COUNTY. ITS CURRENT UPDATE IS NOVEMBER 2020)

ANY UTILITY LINE STRIKE OR UNPLANNED CONTACT RESULTING IN AN INTERRUPTION OF SERVICES IS TO BE CONSIDERED AN EMERGENCY SITUATION. IMMEDIATELY INITIATE THE FOLLOWING ACTIONS:
 A) CALL 911 IMMEDIATELY AND CLEAR THE AREA.
 B) IMMEDIATELY CALL THE UTILITY OPERATOR/OWNER (GAS, CABLE, ELECTRIC, ETC.). DO NOT CALL MISS UTILITY.
 C) DO NOT ATTEMPT TO REPAIR THE DAMAGE.
 D) DO NOT AUTHORIZE BACKFILLING IF THERE IS DAMAGE UNTIL THE UTILITY OWNER STATES THE REPAIR IS COMPLETE.
 E) COVERING OVER A DAMAGED UTILITY LINE MAY LEAD TO A SERIOUS ACCIDENT LATER.

NO.	2 LTR ID	UTILITY COMPANY	UTILITY 1	UTILITY 2	UTILITY 3	EMERGENCY CONTACTS
1	ANS	AMCS NETWORKING SERVICES, LLC	COMMUNICATIONS	-	-	703-479-0305
2	AMW	AMERICAN WATER - VIRGINIA	SEWER	WATER	-	571-499-3862 (W) 540-408-2640 (ALT)
3	AOC	AOC CONNECT, LLC	COMMUNICATIONS	-	-	877-228-1071
4	ARIA	ARIA ENERGY, LLC	NATURAL GAS	-	-	703-994-1001
5	APW	ARLINGTON COUNTY DEPARTMENT OF PUBLIC WORKS	SEWER	WATER	COMMUNICATIONS	703-228-6555
6	ATT	AT&T	COMMUNICATIONS	-	-	800-310-2355 800-252-1133 888-634-1840 (PAGER)
7	CLS	CALICO SENECA, LLC	SEWER	-	-	703-420-7900
8	QGS	CENTURY LINK (QWEST COMMUNICATIONS)	COMMUNICATIONS	-	-	855-796-7303
9	ALX	CITY OF ALEXANDRIA	SEWER	COMMUNICATIONS	-	571-447-8871 571-309-7010
10	FFX	CITY OF FAIRFAX	SEWER	-	-	703-385-7924
11	FCM	CITY OF FALLS CHURCH	SEWER	-	-	571-238-5127
12	CGC	COGENT COMMUNICATIONS, INC.	COMMUNICATIONS	-	-	877-875-4311
13	CPL	COLONIAL PIPELINE	NATURAL GAS	-	-	800-926-2728
14	CGV	COLUMBIA GAS OF VIRGINIA	NATURAL GAS	-	-	800-544-5608 800-543-5911 703-631-5363 (METRO)
15	CGT	COLUMBIA GAS TRANSMISSION CORPORATION	NATURAL GAS	-	-	800-835-7191 (24 HOURS)
16	CMC	COMCAST COMMUNICATIONS - RESTON	COMMUNICATIONS	-	-	804-640-8230 703-841-7700 (AFTER HOURS)
17	COX	COX COMMUNICATIONS	COMMUNICATIONS	-	-	866-272-5111 877-875-4311 877-698-1662
18	CRN	CROWN CASTLE SOLUTIONS CORPORATIONS	COMMUNICATIONS	-	-	888-632-0931
19	DCS	DC WATER & SEWER AUTHORITY	SEWER	-	-	202-612-3400
20	DOM	DOMINION ENERGY, INC.	ELECTRIC	COMMUNICATIONS	-	866-366-4357
21	DMT	DOMINION TRANSMISSION, INC.	NATURAL GAS	-	-	888-264-8240 (24/7)
22	FCU	FAIRFAX COUNTY - WASTEWATER COLLECTION DIVISION	SEWER	COMMUNICATIONS	RECLAIMED WATER	703-323-1211
23	FCW	FAIRFAX COUNTY WATER AUTHORITY	WATER	-	-	703-698-5600
24	FPC	FAIRFAX PROFESSIONAL CENTER, LP	COMMUNICATIONS	-	-	703-975-9280
25	FWR	FAIRWAY I & FAIRWAY II RESIDENTIAL, LLC	NATURAL GAS	-	-	703-471-5034
26	FCS	FIBER CONNECT, LLC	COMMUNICATIONS	-	-	571-237-2993
27	FBL	FIBERLIGHT, LLC	COMMUNICATIONS	-	-	800-672-0181
28	FTB	FORT BELVOIR RESIDENTIAL COMMUNITIES, LLC	ELECTRIC	WATER	SEWER	571-969-0165
29	GVA	GVA PARTNERSHIP, LLC	NATURAL GAS	-	-	240-994-4407
30	JUC	JONES UTILITIES CONSTRUCTION	COMMUNICATIONS	-	-	703-283-4064
31	KMT	KINDER MORGAN SOUTHEAST TERMINALS	NATURAL GAS	JET FUEL	-	800-510-5678
32	LTC	LEVEL 3 COMMUNICATIONS/CENTURY LINK	COMMUNICATIONS	-	-	877-366-8344
33	LTF	LIGHTOWER FIBER NETWORKS, LLC	COMMUNICATIONS	-	-	888-583-4237
34	LWS	LOUDDON WATER	SEWER	WATER	-	571-291-7880 571-291-7878 (AFTER HOURS)
35	LMS	LUMOS NETWORKS, INC.	COMMUNICATIONS	-	-	877-411-6930
36	MHA	MAYMONT HOMEOWNERS ASSOCIATION, INC.	ELECTRIC	RECLAIMED WATER	-	888-788-2678
37	MCI	MCI, WORLDWIDE (OWNED BY VERIZON)	COMMUNICATIONS	-	-	800-624-9675
38	MDS	METRODUCT SYSTEMS VA, LLC	COMMUNICATIONS	-	-	703-479-0305
39	DCA	METROPOLITAN WASHINGTON AIRPORT AUTHORITY	COMMUNICATIONS	NATURAL GAS	ELECTRIC	703-417-8063
40	MIT	THE MITRE CORPORATION	COMMUNICATIONS	-	-	703-983-6024
41	MTV	MOUNT VERNON LADIES ASSOCIATION	SEWER	-	-	703-799-8678
42	NVE	NORTHERN VIRGINIA ELECTRIC COOPERATIVE (NOVEC)	ELECTRIC	COMMUNICATIONS	-	703-392-1514
43	PPL	PLANTATION PIPELINE COMPANY	NATURAL GAS	-	-	800-510-5678
44	PWS	PRINCE WILLIAM COUNTY SERVICE AUTHORITY	SEWER	WATER	-	703-335-7982
45	RTR	RESTON RELAC, LLC	RECLAIMED WATER	-	-	703-349-3301
46	STC	SHENANDOAH TELECOMMUNICATIONS	COMMUNICATIONS	-	-	540-984-5531
47	SOH	SOUTHERN OAKS HOMEOWNERS ASSOCIATION	ELECTRIC	-	-	703-795-8576
48	SGC	SOUTHGATE CONDOMINIUM ASSOCIATES, INC.	NATURAL GAS	-	-	703-386-6217
49	SLD	SPRINT LONG DISTANCE (GLOBAL ONE)	COMMUNICATIONS	-	-	800-521-0579 (24 HOURS)
50	SIG	SUMMITIC, LLC	COMMUNICATIONS	-	-	855-776-6515
51	TRW/WMG	THOMAS R. WILLIAMS COMPANY (OWNS TRANSCO)	NATURAL GAS	-	-	800-440-8475
52	HRN	TOWN OF HERNDON PUBLIC WORKS	SEWER	WATER	ELECTRIC	703-435-6860
53	VNN	TOWN OF VIENNA	SEWER	WATER	-	703-255-6381 703-255-6385 (AFTER 5:00PM)
54	UNF	UNITI FIBER	COMMUNICATIONS	-	-	877-652-2321
55	UOS	UPPER OCCOQUAN SERVICE AUTHORITY	SEWER	-	-	703-282-0105
56	VSN	VERIZON	COMMUNICATIONS	-	-	888-483-1233
57	VSN	VERIZON WIRELESS	COMMUNICATIONS	-	-	571-436-4537
58	VAW	VIRGINIA AMERICAN WATER COMPANY	WATER	-	-	703-549-7080 800-452-6863
59	WGL	WASHINGTON GAS	NATURAL GAS	-	-	703-750-4831 (GAS LEAK)
60	WXN	WINDSTREAM KDL	COMMUNICATIONS	-	-	800-289-1901
61	ZAY	ZAYO BANDWIDTH CENTRAL, LLC	COMMUNICATIONS	-	-	866-236-2824

TRANSPORTATION PROJECTS/ WORK WITHIN THE RIGHT-OF-WAY UTILITIES

UNDERGROUND VDOT OWNED/MAINTAINED UTILITIES

- UNDERGROUND VIRGINIA DEPARTMENT OF TRANSPORTATION (VDOT) OWNED AND/OR MAINTAINED UTILITIES MAY BE PRESENT WITHIN THE PROJECT LIMITS. THESE UTILITIES MAY INCLUDE POWER, COMMUNICATION OR OTHER UTILITIES RELATED TO STREET/PEDESTRIAN LIGHTING, INTELLIGENT TRAFFIC SYSTEM (ITS) DEVICES SUCH AS VARIABLE MESSAGE SIGNS (VMS), TRAFFIC SIGNALS AND OTHER RELATED FACILITIES.
- FAIRFAX COUNTY HAS ATTEMPTED TO SHOW ANY KNOWN UNDERGROUND VDOT OWNED OR MAINTAINED UTILITIES ON THE PLANS BASED UPON THE BEST AVAILABLE INFORMATION AT THE TIME OF DESIGN.
- MISS UTILITY (VA811) DOES NOT AND WILL NOT MARK THE LOCATION OF UNDERGROUND VDOT OWNED AND/OR MAINTAINED UTILITIES WITHIN THE PROJECT AREA.
- AT LEAST 48 BUSINESS DAY HOURS IN ADVANCE OF ANY EXCAVATION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REQUESTING THAT VDOT MARK THEIR UNDERGROUND UTILITIES IN THE FIELD. ALL REQUESTS SHALL BE SUBMITTED THROUGH THE ONLINE *VDOT WEB SERVICES - UTILITY MARKING SYSTEM BY REGISTERING AT THE FOLLOWING WEBSITE:
[HTTPS://WWW.VDOTUTILITYMARKING.VIRGINIA.GOV/ACCOUNT/LOGIN.ASPX?RETURNURL=%2FACCOUNT.ASPX%3FRETURN%2525OURL%3D%252F&RETURN%2525OURL=%2F](https://www.vdotutilitymarking.virginia.gov/account/login.aspx?returnurl=%2FACCOUNT.ASPX%3FRETURN%2525OURL%3D%252F&RETURN%2525OURL=%2F)
- THE 48-HOUR TIME LIMIT DOES NOT BEGIN UNTIL 7 A.M. THE BUSINESS DAY FOLLOWING RECEIPT OF THE UTILITY LOCATION REQUEST BY VDOT. STATE HOLIDAY AND WEEKENDS ARE NOT CONSIDERED TO BE BUSINESS DAYS. UNDERGROUND VDOT UTILITY LOCATION REQUESTS RECEIVED AFTER 4:30 P.M. SHALL BE CONSIDERED TO BE RECEIVED BY VDOT ON THE NEXT BUSINESS DAY.
- NO EXCAVATION SHALL COMMENCE UNTIL THE UNDERGROUND VDOT UTILITIES HAVE BEEN MARKED.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF UNDERGROUND VDOT OWNED/MAINTAINED UTILITIES THAT ARE DAMAGED DUE TO CONSTRUCTION OPERATIONS AT NO COST TO THE COUNTY.

UTILITY RELOCATION PLANS

- FAIRFAX COUNTY HAS COORDINATED THE PROPOSED IMPROVEMENTS WITH THE OWNERS OF ALL KNOWN UNDERGROUND UTILITIES IN THE PROJECT AREA. THE CONTRACTOR IS ALSO RESPONSIBLE TO VERIFY THE LOCATIONS OF ALL UNDERGROUND UTILITIES PRIOR TO THE BEGINNING OF EXCAVATIONS.
- UNDERGROUND UTILITY TEST HOLE INFORMATION, NOTING THE HORIZONTAL AND VERTICAL LOCATION OF KNOWN UNDERGROUND UTILITIES THAT ARE IN POTENTIAL CONFLICT WITH THE PROJECT, MAY BE INCLUDED IN THE PLAN SET OR PROVIDED TO THE CONTRACTOR AT THE PRE-CONSTRUCTION CONFERENCE, OR UPON REQUEST FOLLOWING AWARD OF THE CONSTRUCTION CONTRACT.
- WHERE UNDERGROUND UTILITIES ARE IN CONFLICT WITH THE PROJECT, FAIRFAX COUNTY OFTEN ATTEMPTS TO RELOCATE CONFLICTING UTILITIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES. HOWEVER, AS WITH ALL CONSTRUCTION ACTIVITIES, EXTREME CARE SHALL BE TAKEN BY THE CONTRACTOR TO ENSURE UTILITY LOCATIONS ARE KNOWN PRIOR TO EXCAVATION.
- MISS UTILITY (VA811) MAY NOT HAVE THE MOST RECENT UP TO DATE INFORMATION CONCERNING UNDERGROUND UTILITIES THAT MAY HAVE BEEN RECENTLY RELOCATED PRIOR TO CONSTRUCTION.
- FAIRFAX COUNTY MAY PROVIDE AVAILABLE PLANS SHOWING THE APPROXIMATE LOCATION OF RECENTLY RELOCATED UNDERGROUND UTILITIES TO THE CONTRACTOR AT THE PRE-CONSTRUCTION CONFERENCE, OR UPON REQUEST FOLLOWING AWARD OF THE CONSTRUCTION CONTRACT. WHERE PRACTICABLE, THE UTILITY RELOCATION PLANS MAY BE INCLUDED IN THE BID DOCUMENTS.
- ANY NEW UTILITY SERVICE OR KNOWN UNDERGROUND UTILITIES THAT ARE IN CONFLICT WITH THE PROJECT AND/OR SCHEDULED TO BE RELOCATED DURING CONSTRUCTION SHALL BE AS NOTED ON THE PLANS AND/OR SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TIMELY DOCUMENTED COORDINATION AND INSTALLATION OF NEW SERVICE AS WELL AS COMPLETION OF ANY UTILITY RELOCATIONS/DEMOLITION. ALL UTILITY WORK SHALL BE COORDINATED BY THE CONTRACTOR WITH THE APPROPRIATE UTILITY COMPANY UNLESS NOTED OTHERWISE SPECIFICALLY CONVEYED IN WRITING BY THE OWNER OR SHOWN IN THE CONTRACT DOCUMENTS INCLUDING BUT NOT LIMITED TO SECTION B - FORM OF BID OR SECTION E - SUPPLEMENTAL/SPECIAL CONDITIONS.



FOR ALL EXCAVATION WORK ANYWHERE IN VIRGINIA!

ALWAYS NOTIFY 811

DIG WITH CARE

PRELIMINARY

APWA UNIFORM COLOR CODE	
WHITE	PROPOSED EXCAVATION
PINK	TEMPORARY SURVEY MARKINGS
RED	ELECTRIC POWER LINES, CABLES, CONDUIT, AND LIGHTING CABLE
YELLOW	GAS, OIL, STEAM, PETROLEUM, OR OTHER GASEOUS OR FLAMMABLE MATERIAL
ORANGE	COMMUNICATION, ALARM OR SIGNAL LINES, CABLES OR CONDUIT
BLUE	POTABLE (DRINKABLE) WATER
PURPLE	RECLAIMED WATER, IRRIGATION, AND SLURRY LINES
GREEN	SEWER AND DRAIN LINES


EMERGENCY POLICE - FIRE - RESCUE 911				REVISED: FEBRUARY 2021	
FAIRFAX COUNTY, VIRGINIA					
DEPARTMENT OF PUBLIC WORKS AND ENVIRONMENTAL SERVICES CAPITAL FACILITIES				12000 GOVERNMENT CENTER PARKWAY, SUITE 449 FAIRFAX, VA., 22035-0052	
		CAPITAL FACILITIES			
703-324-5800		COLUMBIA PIKE COMPLETE STREETS PHASE 1			
GENERAL NOTES UTILITIES					
FUND NO. 500-C50000		PROJECT NO. AA1400159-21			
SCALE N/A		DESIGNED BY: MW		SHEET	
		DRAFTED BY: HS		1B	
		CHECKED BY: DD			
APPROVED BY CAPITAL FACILITIES					

PROJECT MANAGER: LATESA TURNER
 SURVEYED BY, DATE: H&B SURVEYING AND MAPPING LLC, 12/08/2021
 DESIGNED BY: KIMLEY-HORN AND ASSOCIATES, INC.
 SUBSURFACE UTILITY BY, DATE: TBD

RIGHT-OF-WAY DATA

PLAN SHEET NUMBER	PARCEL NUMBER	LANDOWNER	TAX MAP NUMBER	AREA						
				TOTAL	FEE TAKING	FEE REMAINDER	EASEMENTS			PROFFERS
							SQUARE FEET	SQUARE FEET	SQUARE FEET	
3	001	ANJL LLC	0711 01 0092	18,997	2332	16665			1514	NO
3	002	KAYBAR ASSOC LP	0711 01 0092C	14,575	446	14129			926	NO
3	003	HAN KEE CHAN AE Y	0711 01 0093	36,373	644	35729			590	NO
3	004	HAN KEE CHAN AE Y	0711 01 0094	7,013	824	6189			460	NO
3	005	NNN AGP OPP II OWNER I, LLC	0711 01 0113	199,094	1259	197835				NO
3	006	IM YOUNG H TRKIM WULSOON TR	0711 01 0113A	52,464	760	51704				NO

PRELIMINARY

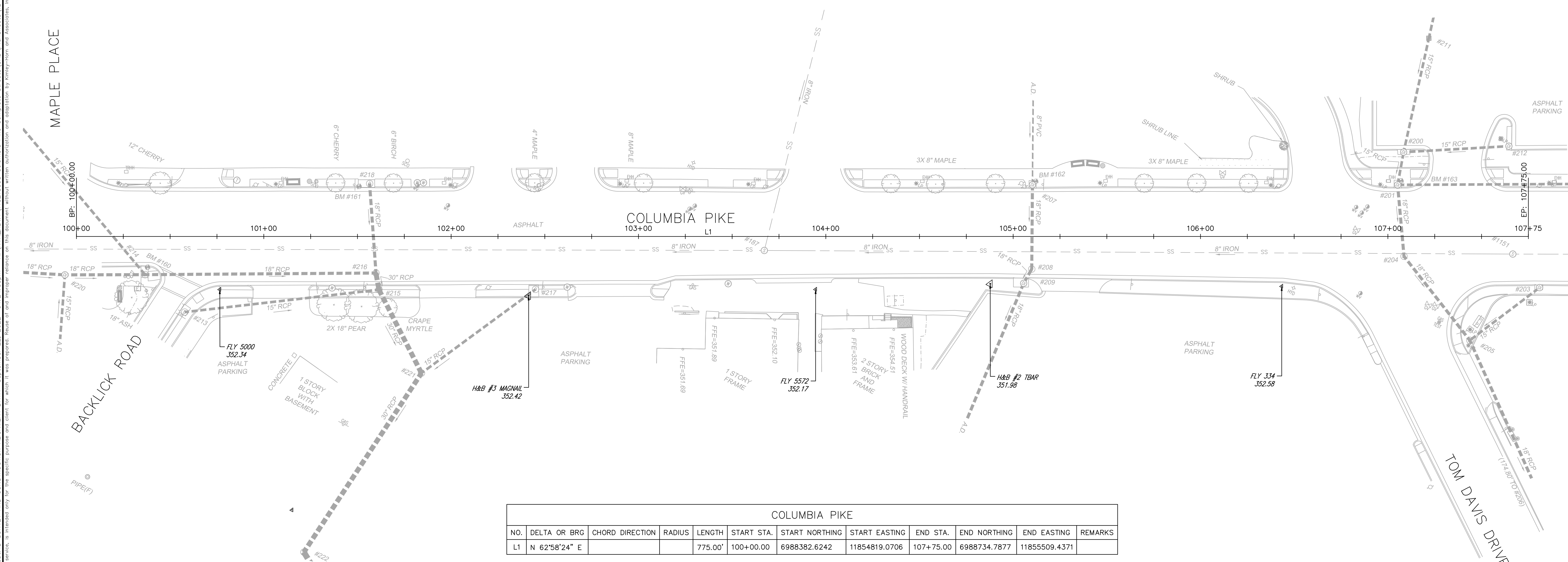
EMERGENCY POLICE - FIRE - RESCUE 911			
FAIRFAX COUNTY, VIRGINIA			
DEPARTMENT OF PUBLIC WORKS AND ENVIRONMENTAL SERVICES CAPITAL FACILITIES			
12000 GOVERNMENT CENTER PARKWAY, SUITE 449 FAIRFAX, VA., 22035-0052			
		 CAPITAL FACILITIES 703-324-5800	
COLUMBIA PIKE COMPLETE STREETS PHASE 1			
RIGHT-OF-WAY DATA			
FUND NO. 500-C50000		PROJECT NO. AA1400159-21	
SCALE	DESIGNED BY: MW	SHEET	
N/A	DRAFTED BY: HS	1C	
APPROVED BY CAPITAL FACILITIES		CHECKED BY: DD	

Plotted By: Daughtry, Derek. Sheet Set: Columbia Pike Complete Streets. Layout: 10 RIGHT-OF-WAY DATA. September 22, 2022. 04:24:26pm. K:\NVA_RDWY\110213093 Columbia Pike Complete Streets\CAD\PlanSheets\10 RIGHT-OF-WAY DATA.dwg
 This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

PROJECT MANAGER: LATESA TURNER
 SURVEYED BY, DATE: H&B SURVEYING AND MAPPING LLC, 12/08/2021
 DESIGNED BY: KIMLEY-HORN AND ASSOCIATES, INC.
 SUBSURFACE UTILITY BY, DATE: TBD

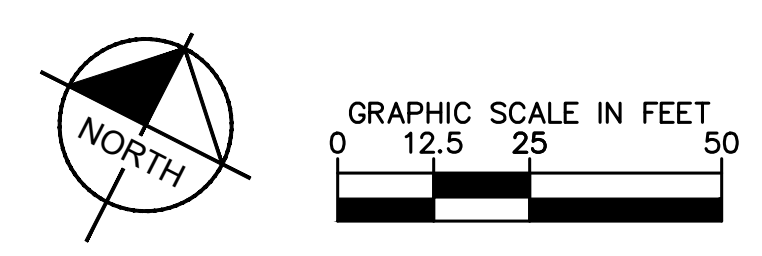
SURVEY AND CONSTRUCTION ALIGNMENT DATA

TRAVERSE POINT LOCATION TABLE				
POINT #	NORTHING	EASTING	ELEVATION	DESCRIPTION
2	6988581.77	11855265.02	351.98	H&B #2 TBAR
3	6988464.19	11855048.42	352.42	H&B #3 MAGNAIL
334	6988651.36	11855404.20	352.58	FLY 334
5000	6988392.29	11854900.05	352.34	FLY 5000
5572	6988536.83	11855183.34	352.17	FLY 5572



COLUMBIA PIKE											
NO.	DELTA OR BRG	CHORD DIRECTION	RADIUS	LENGTH	START STA.	START NORTHING	START EASTING	END STA.	END NORTHING	END EASTING	REMARKS
L1	N 62°58'24\"	E		775.00'	100+00.00	6988382.6242	11854819.0706	107+75.00	6988734.7877	11855509.4371	

- NOTE**
- VERTICAL DATUM IS NATIONAL GEODETIC VERTICAL DATUM, 1929
 - HORIZONTAL DATUM IS VIRGINIA COORDINATE SYSTEM NORTH ZONE #4501
 - HORIZONTAL AND VERTICAL UNITS ARE U.S. SURVEY FOOT



PRELIMINARY

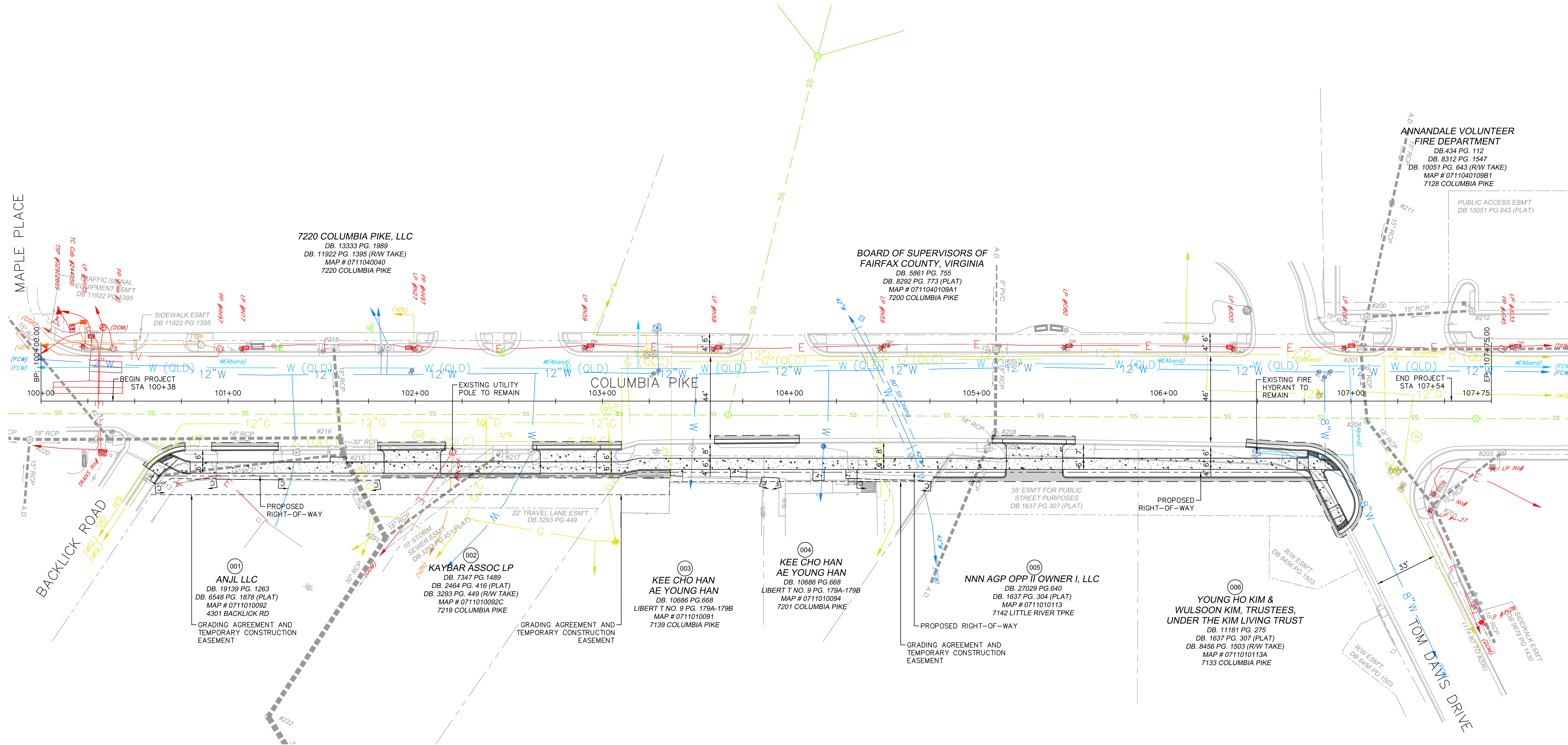
EMERGENCY POLICE - FIRE - RESCUE 911			
FAIRFAX COUNTY, VIRGINIA			
DEPARTMENT OF PUBLIC WORKS AND ENVIRONMENTAL SERVICES CAPITAL FACILITIES			
12000 GOVERNMENT CENTER PARKWAY, SUITE 449 FAIRFAX, VA., 22035-0052			
CAPITAL FACILITIES		703-324-5800	
COLUMBIA PIKE COMPLETE STREETS PHASE 1			
SURVEY AND CONSTRUCTION ALIGNMENT DATA			
FUND NO. 500-C50000		PROJECT NO. AA1400159-21	
SCALE	DESIGNED BY: MW	SHEET	
SEE GRAPHIC SCALE	DRAFTED BY: HS	1D	
	CHECKED BY: DD		
APPROVED BY CAPITAL FACILITIES			

Plotted By: Doughty, Derek. Sheet Set: Columbia Pike Complete Streets. Location: D:\Survey and Construction Alignment Data. September 22, 2022. 04:24:35pm. K:\VAVA_RD\VA110213093 Columbia Pike Complete Streets\CAD\PlanSheets\1D SURVEY ALIGNMENT DATA.dwg
 This document, together with the concepts and designs presented herein, is an instrument of service, as an instrument of service, and shall be without liability to Kimley-Horn and Associates, Inc.

UNDERGROUND UTILITY DATA

PROJECT MANAGER: LATESA TURNER
 SURVEYED BY, DATE: H&B SURVEYING AND MAPPING LLC, 12/08/2021
 DESIGNED BY: KIMLEY-HORN AND ASSOCIATES, INC.
 SUBSURFACE UTILITY BY, DATE: TBD

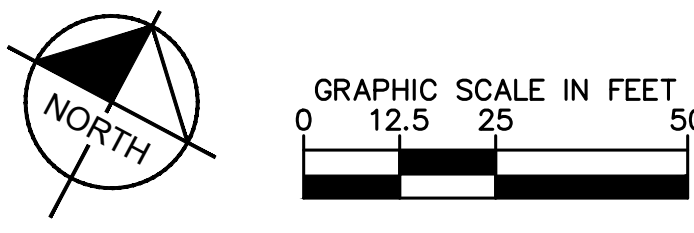
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PRELIMINARY

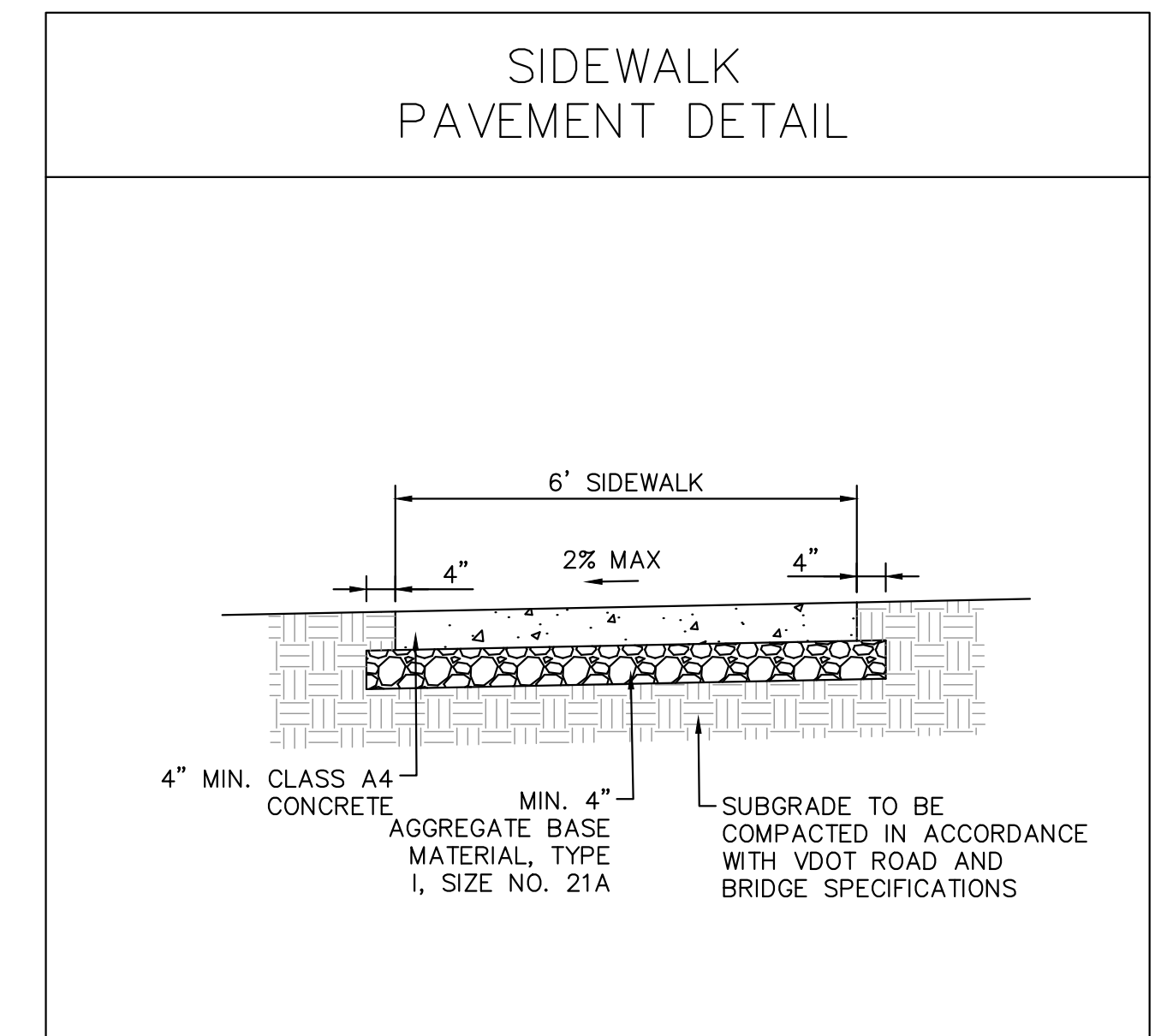
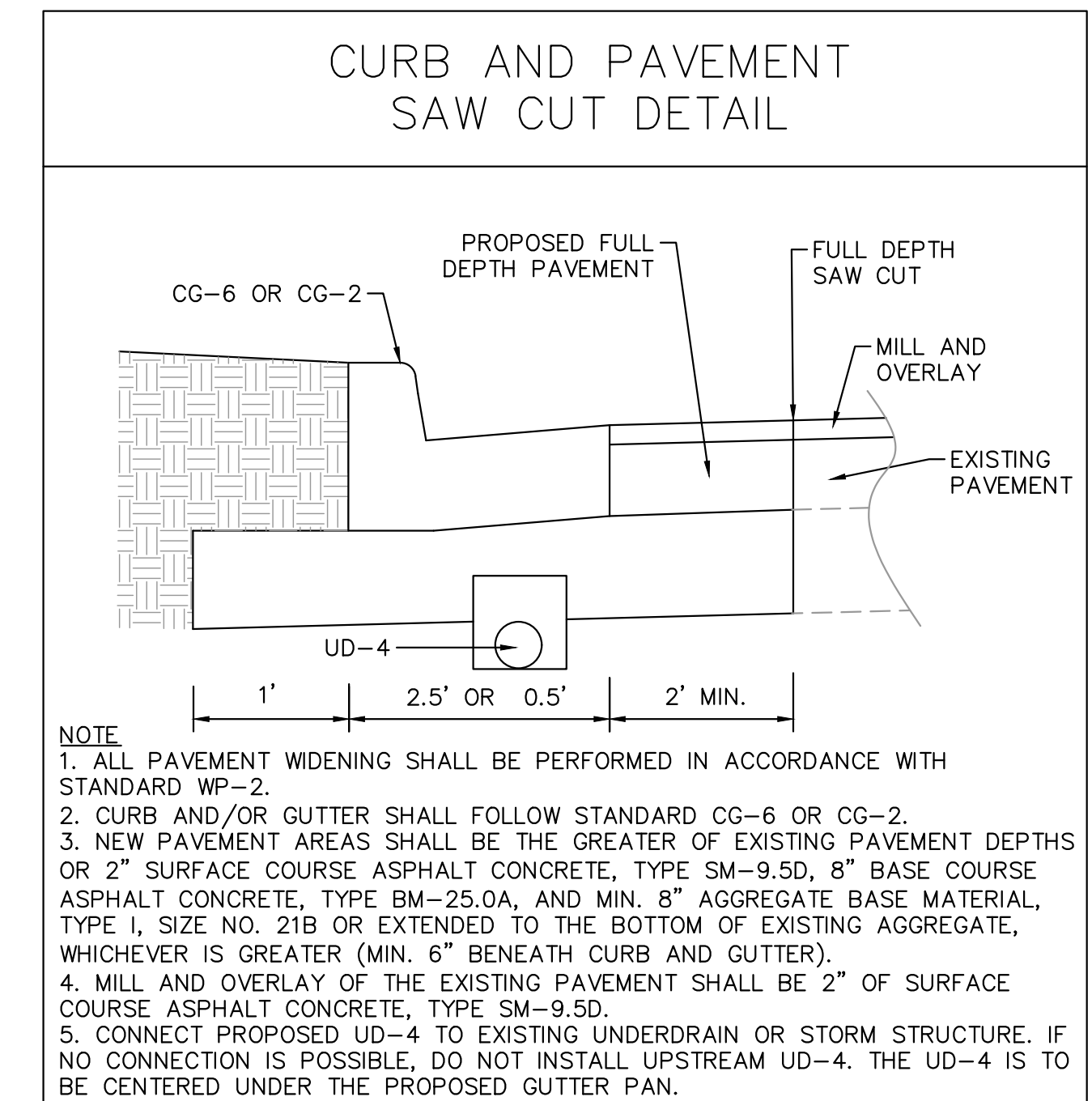
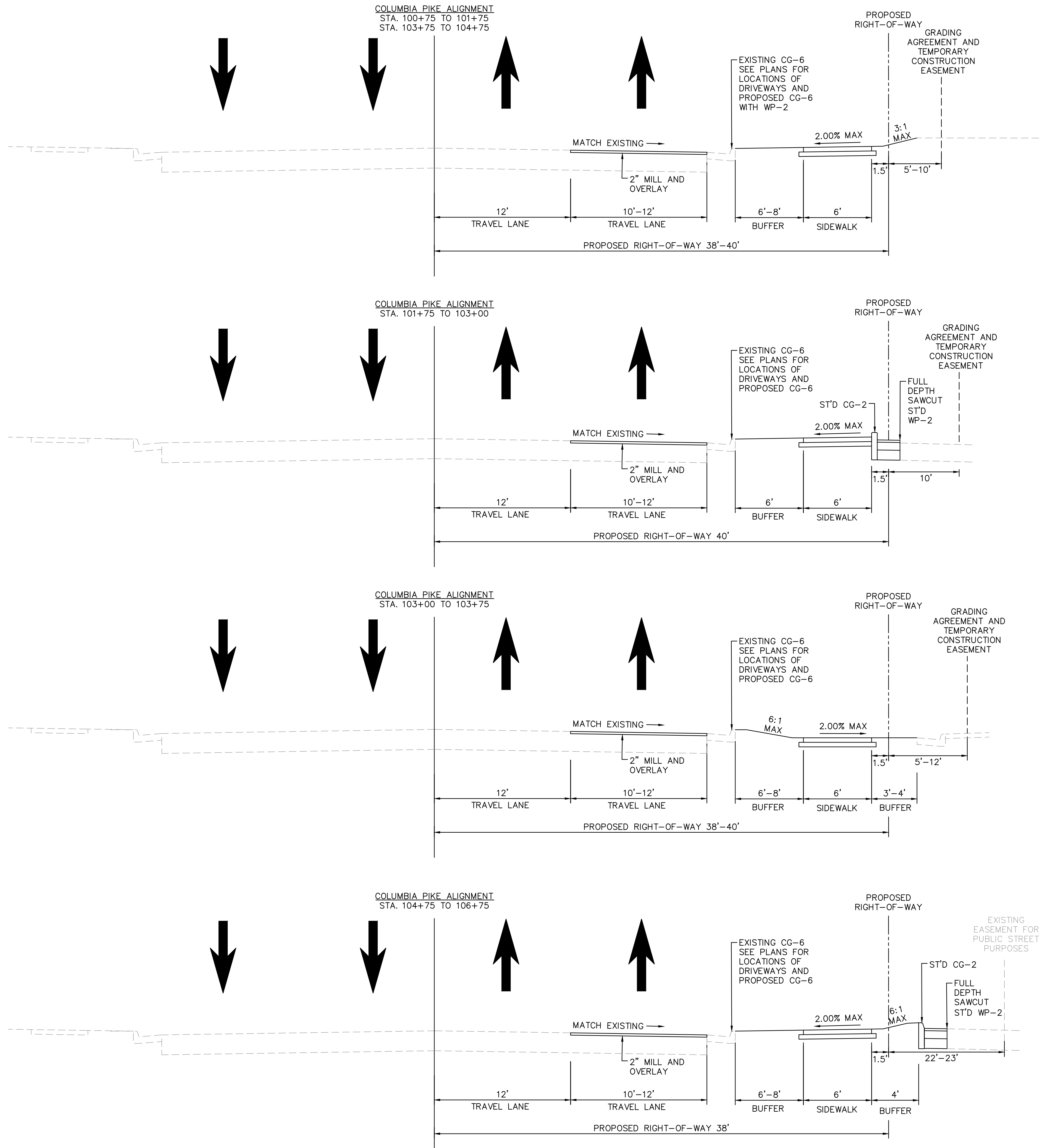
LEGEND

	ROADWAY ASPHALT PAVEMENT
	CONCRETE PAVEMENT
	LIMITS OF CONSTRUCTION IN FILL
	LIMITS OF CONSTRUCTION IN CUT



EMERGENCY POLICE - FIRE - RESCUE 911 FAIRFAX COUNTY, VIRGINIA DEPARTMENT OF PUBLIC WORKS AND ENVIRONMENTAL SERVICES CAPITAL FACILITIES 12000 GOVERNMENT CENTER PARKWAY, SUITE 449 FAIRFAX, VA., 22035-0052			
	CAPITAL FACILITIES 703-324-5800		
COLUMBIA PIKE COMPLETE STREETS PHASE 1 UNDERGROUND UTILITY DATA			
FUND NO. 500-C50000		PROJECT NO. AA1400159-21	
SCALE SEE GRAPHIC SCALE	DESIGNED BY: MW DRAFTED BY: HS CHECKED BY: DD	SHEET 1E	
APPROVED BY CAPITAL FACILITIES			

TYPICAL SECTIONS AND DETAILS



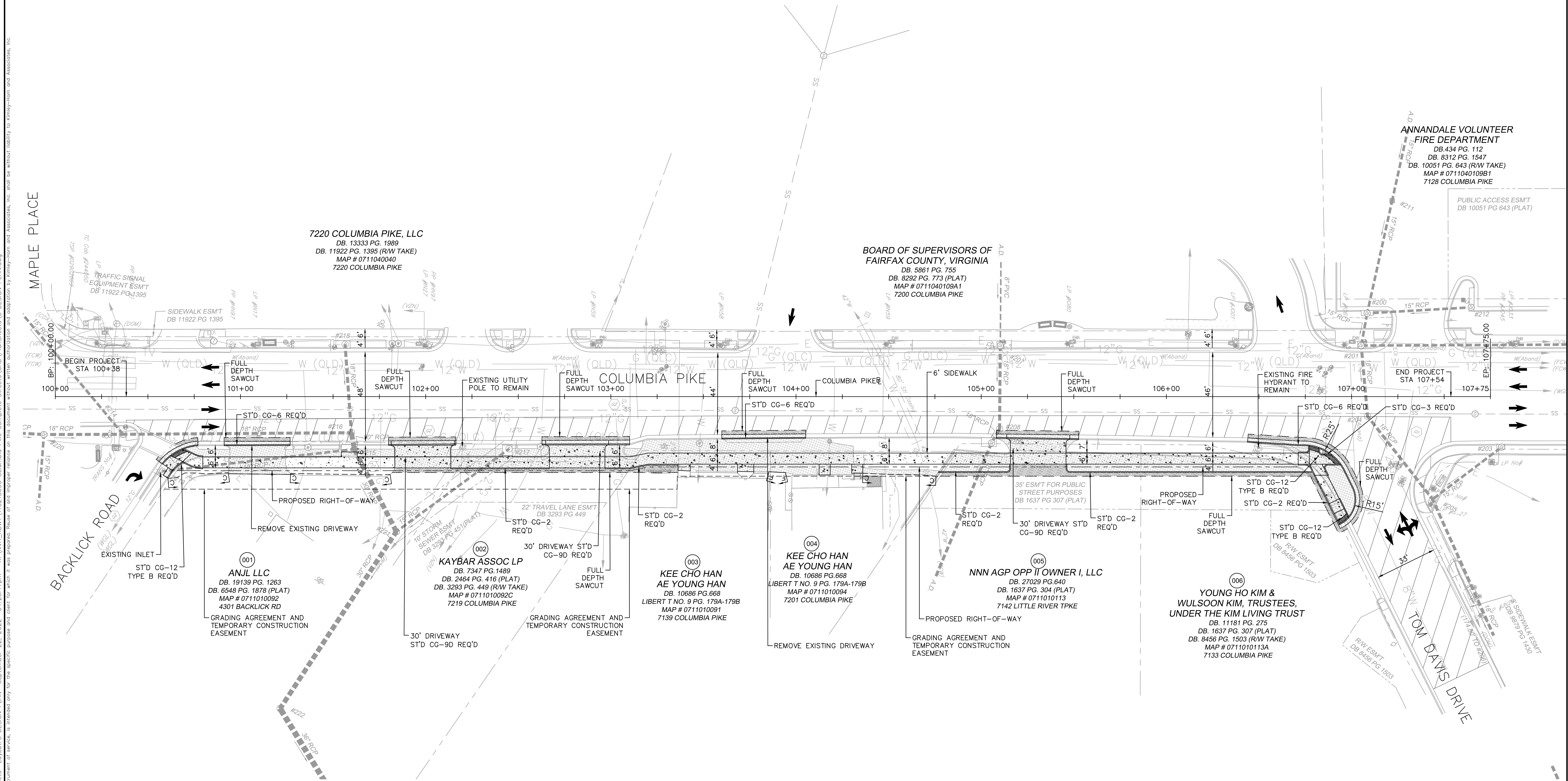
PRELIMINARY

EMERGENCY POLICE - FIRE - RESCUE 911				FAIRFAX COUNTY, VIRGINIA	
DEPARTMENT OF PUBLIC WORKS AND ENVIRONMENTAL SERVICES CAPITAL FACILITIES				12000 GOVERNMENT CENTER PARKWAY, SUITE 449 FAIRFAX, VA., 22035-0052	
CAPITAL FACILITIES		703-324-5800		COLUMBIA PIKE COMPLETE STREETS PHASE 1	
TYPICAL SECTIONS AND DETAILS		FUND NO. 500-C50000		PROJECT NO. AA1400159-21	
SCALE NOT TO SCALE	DESIGNED BY: MW	CHECKED BY: DD	SHEET 2		

Plotted By: Daughtry, Derik. Sheet Set: Columbia Pike Complete Streets. Layout: 2. TYPICAL SECTIONS AND DETAILS. September 22, 2022. 04:25:05pm. K:\NVA_RDW\10213093 Columbia Pike Complete Streets\CAD\PlanSheets\2. TYPICAL SECTIONS AND DETAILS.dwg. This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.

PROJECT MANAGER: LATESA TURNER
 SURVEYED BY, DATE: H&B SURVEYING AND MAPPING LLC, 12/08/2021
 DESIGNED BY: KIMLEY-HORN AND ASSOCIATES, INC.
 SUBSURFACE UTILITY BY, DATE: TBD

DESIGN PLAN



**ANNANDALE VOLUNTEER
 FIRE DEPARTMENT**
 DB. 434 PG. 112
 DB. 8312 PG. 1547
 DB. 10051 PG. 643 (R/W TAKE)
 MAP # 0711040109B1
 7128 COLUMBIA PIKE

7220 COLUMBIA PIKE, LLC
 DB. 13333 PG. 1989
 DB. 11922 PG. 1395 (R/W TAKE)
 MAP # 0711040040
 7220 COLUMBIA PIKE

**BOARD OF SUPERVISORS OF
 FAIRFAX COUNTY, VIRGINIA**
 DB. 5861 PG. 755
 DB. 8292 PG. 773 (PLAT)
 MAP # 0711040109A1
 7200 COLUMBIA PIKE

ANJL LLC
 DB. 19139 PG. 1263
 DB. 6548 PG. 1878 (PLAT)
 MAP # 0711010092
 4301 BACKLICK RD

KAYBAR ASSOC LP
 DB. 7347 PG. 1489
 DB. 2464 PG. 416 (PLAT)
 DB. 3293 PG. 449 (R/W TAKE)
 MAP # 0711010092C
 7219 COLUMBIA PIKE

**KEE CHO HAN
 AE YOUNG HAN**
 DB. 10686 PG. 668
 LIBERT T NO. 9 PG. 179A-179B
 MAP # 0711010091
 7139 COLUMBIA PIKE

**KEE CHO HAN
 AE YOUNG HAN**
 DB. 10686 PG. 668
 LIBERT T NO. 9 PG. 179A-179B
 MAP # 0711010094
 7201 COLUMBIA PIKE

NNN AGP OPP II OWNER I, LLC
 DB. 27029 PG. 640
 DB. 1637 PG. 304 (PLAT)
 MAP # 0711010113
 7142 LITTLE RIVER TPKE

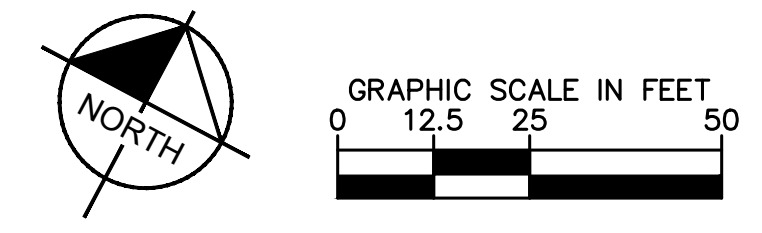
**YOUNG HO KIM &
 WULSOON KIM, TRUSTEES,
 UNDER THE KIM LIVING TRUST**
 DB. 11181 PG. 275
 DB. 1637 PG. 307 (PLAT)
 DB. 8456 PG. 1503 (R/W TAKE)
 MAP # 0711010113A
 7133 COLUMBIA PIKE

PRELIMINARY

LEGEND

	MILL AND OVERLAY
	ROADWAY ASPHALT PAVEMENT
	SHARED USE PATH ASPHALT PAVEMENT
	CONCRETE PAVEMENT
	DEMOLITION OF PAVEMENT
	LIMITS OF CONSTRUCTION IN FILL
	LIMITS OF CONSTRUCTION IN CUT

- NOTE**
- CONTRACTOR SHALL PROTECT PROPERTY CORNERS FROM HARM. CONTRACTOR SHALL REPLACE, IF NECESSARY, ANY DISTURBED PROPERTY MONUMENTS UNDER THE DIRECTION OF A LICENSED LAND SURVEYOR.
 - CONTRACTOR TO ADJUST ALL EXISTING UTILITIES TO PROPOSED GRADE UNLESS NOTED ON THE PLANS. THE COST TO COMPLETE ADJUSTMENTS IS TO BE INCLUDED IN OTHER PAY ITEMS.
 - SEE CUT AND FILL LIMITS FOR THE PROPOSED LIMITS OF DISTURBANCE.



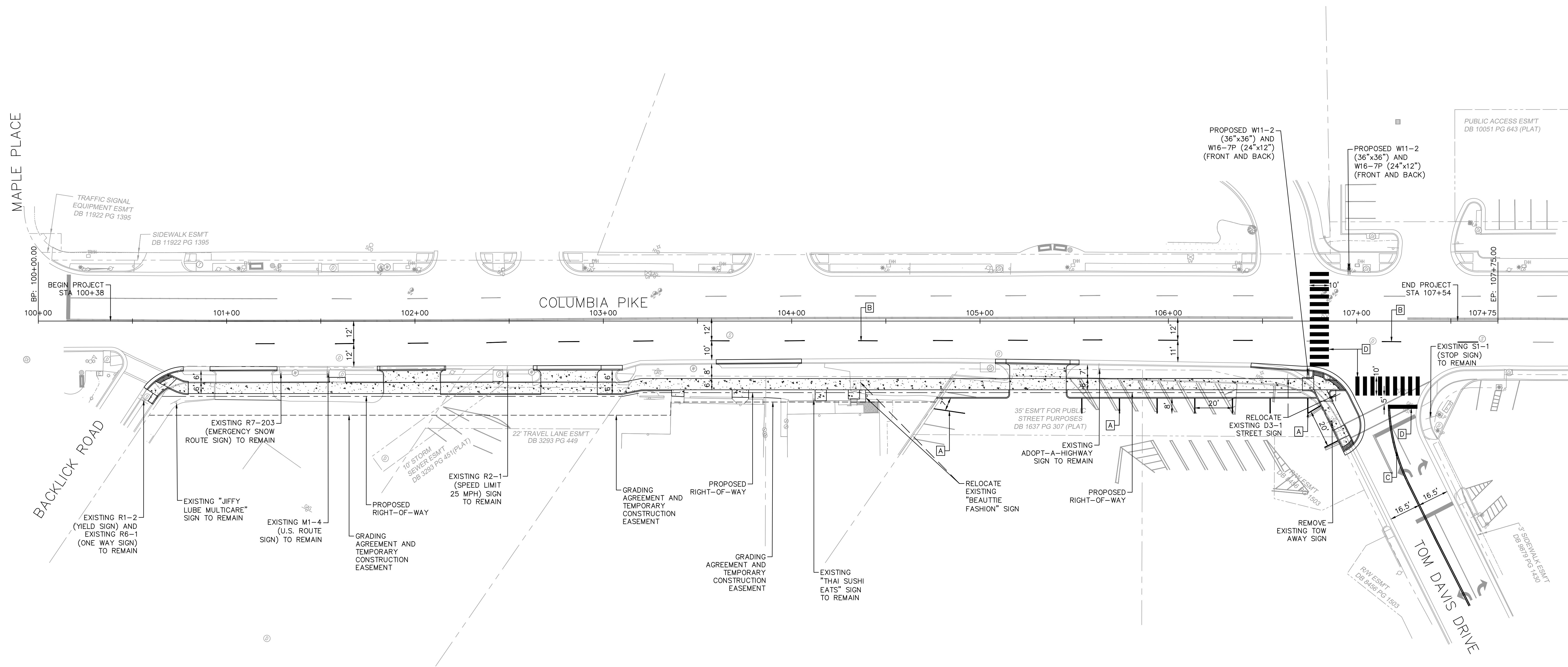
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FAIRFAX COUNTY, VIRGINIA			
DEPARTMENT OF PUBLIC WORKS AND ENVIRONMENTAL SERVICES CAPITAL FACILITIES			
12000 GOVERNMENT CENTER PARKWAY, SUITE 449 FAIRFAX, VA., 22035-0052			
	CAPITAL FACILITIES		
	703-324-5800		
COLUMBIA PIKE COMPLETE STREETS PHASE 1			
DESIGN PLAN			
FUND NO. 500-C50000		PROJECT NO. AA1400159-21	
SCALE SEE GRAPHIC SCALE	DESIGNED BY: MW DRAFTED BY: HS CHECKED BY: DD	SHEET 3	
APPROVED BY CAPITAL FACILITIES			

Plotted By: Daugherty, Derek. Sheet: Set: Columbia Pike Complete Streets Layout: 3 DESIGN PLAN. September 22, 2022. 04:25:17pm. K:\NVA_RD\VA\10213093_Columbia Pike Complete Streets\CAD\PlanSheets\3 DESIGN PLAN.dwg
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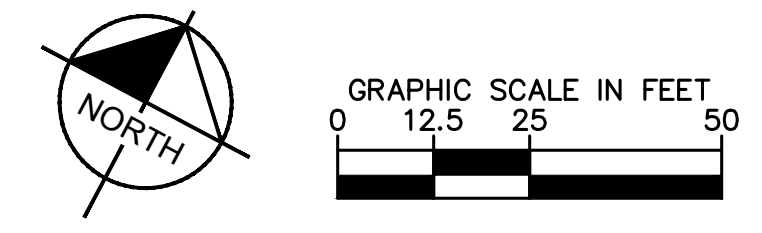
SIGNING AND PAVEMENT MARKING

PROJECT MANAGER: LATESA TURNER
 SURVEYED BY, DATE: H&B SURVEYING AND MAPPING LLC, 12/08/2021
 DESIGNED BY: KIMLEY-HORN AND ASSOCIATES, INC.
 SUBSURFACE UTILITY BY, DATE: TBD

Plotted By: Doughty, Derik. Sheet Set: Columbia Pike Complete Streets Phase 1. Signing and Pavement Marking. 12/08/2021. 04:25:54pm. K:\NA_EDW\110213083 Columbia Pike Complete Streets\CAD\PlanSheets\4. SIGNING AND PAVEMENT MARKING.dwg
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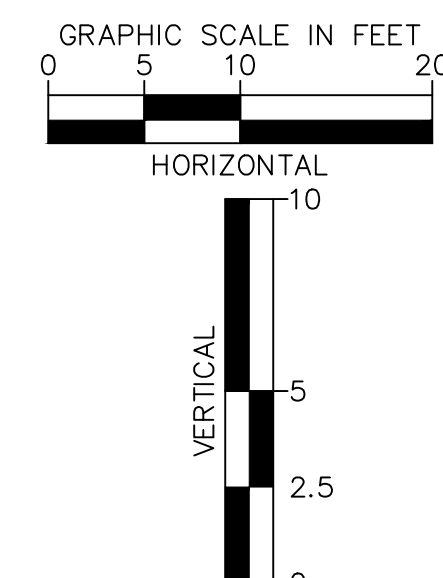
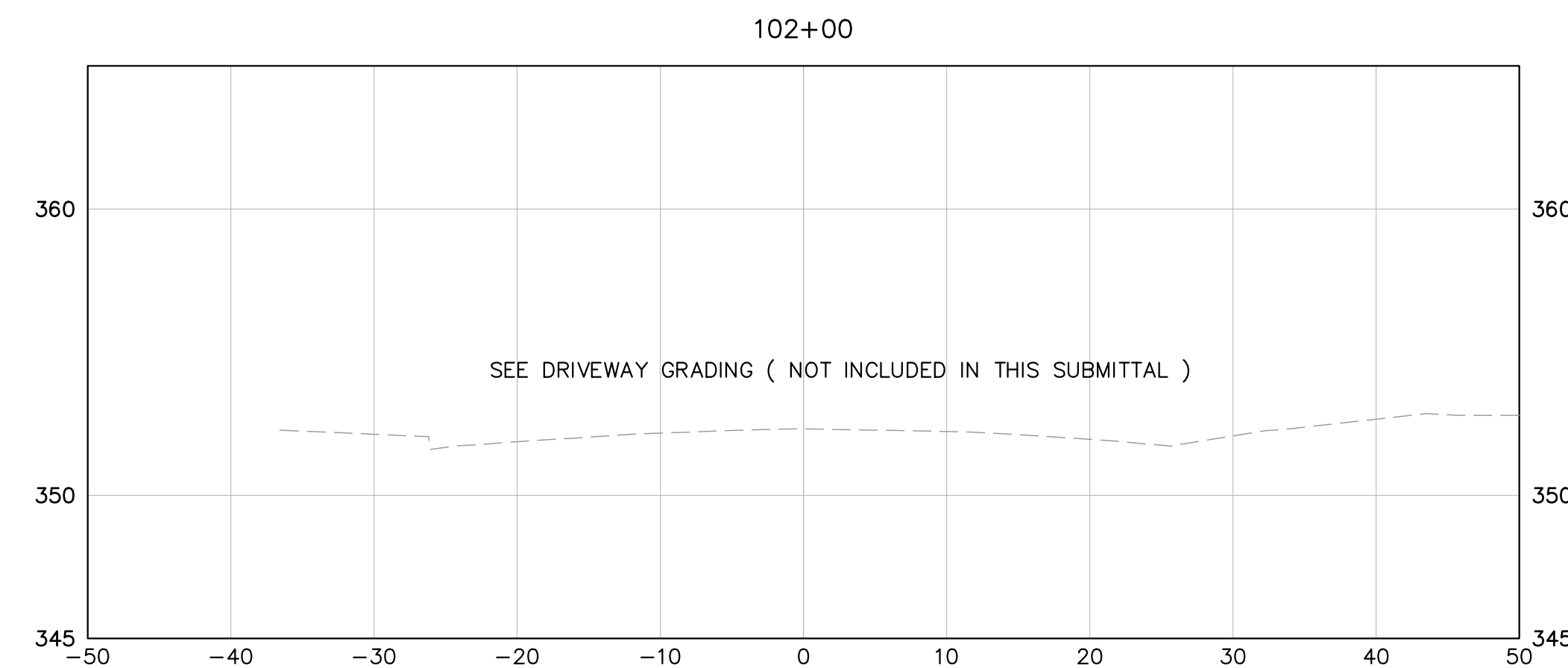
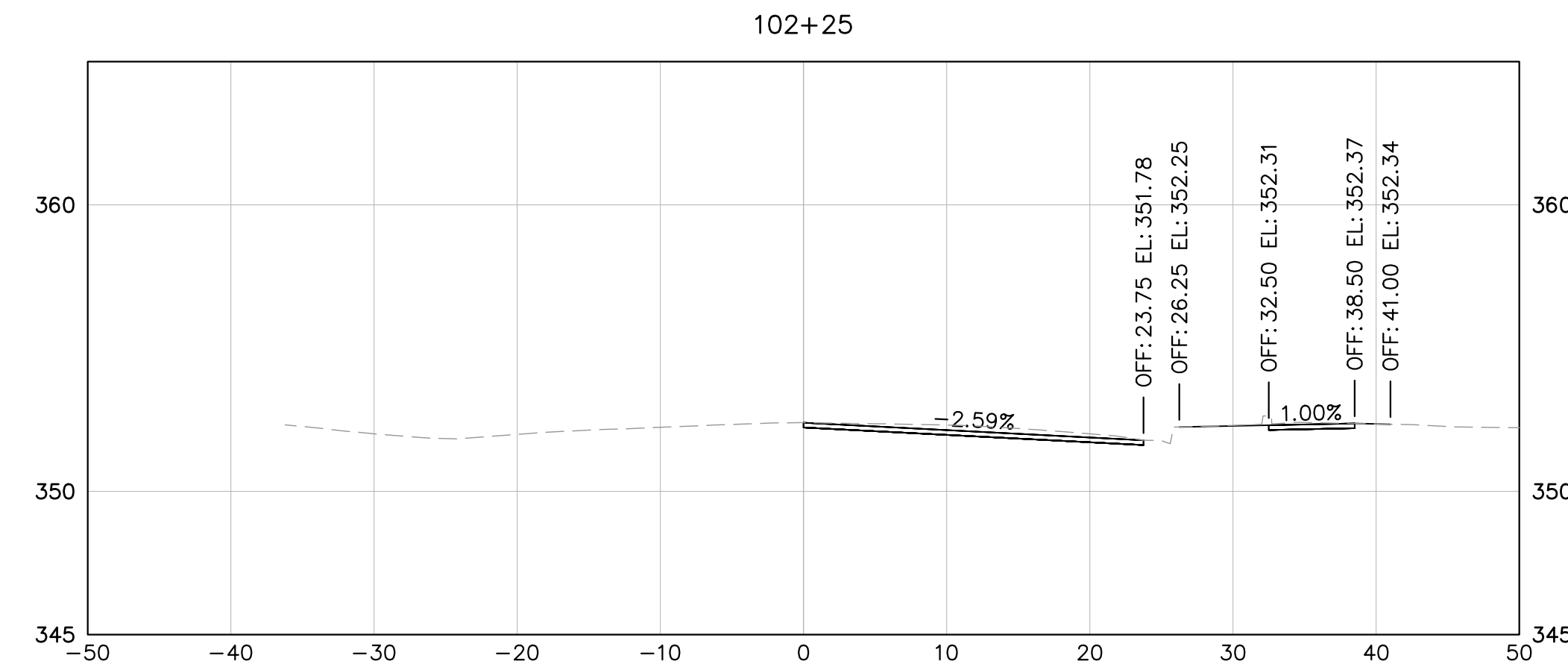
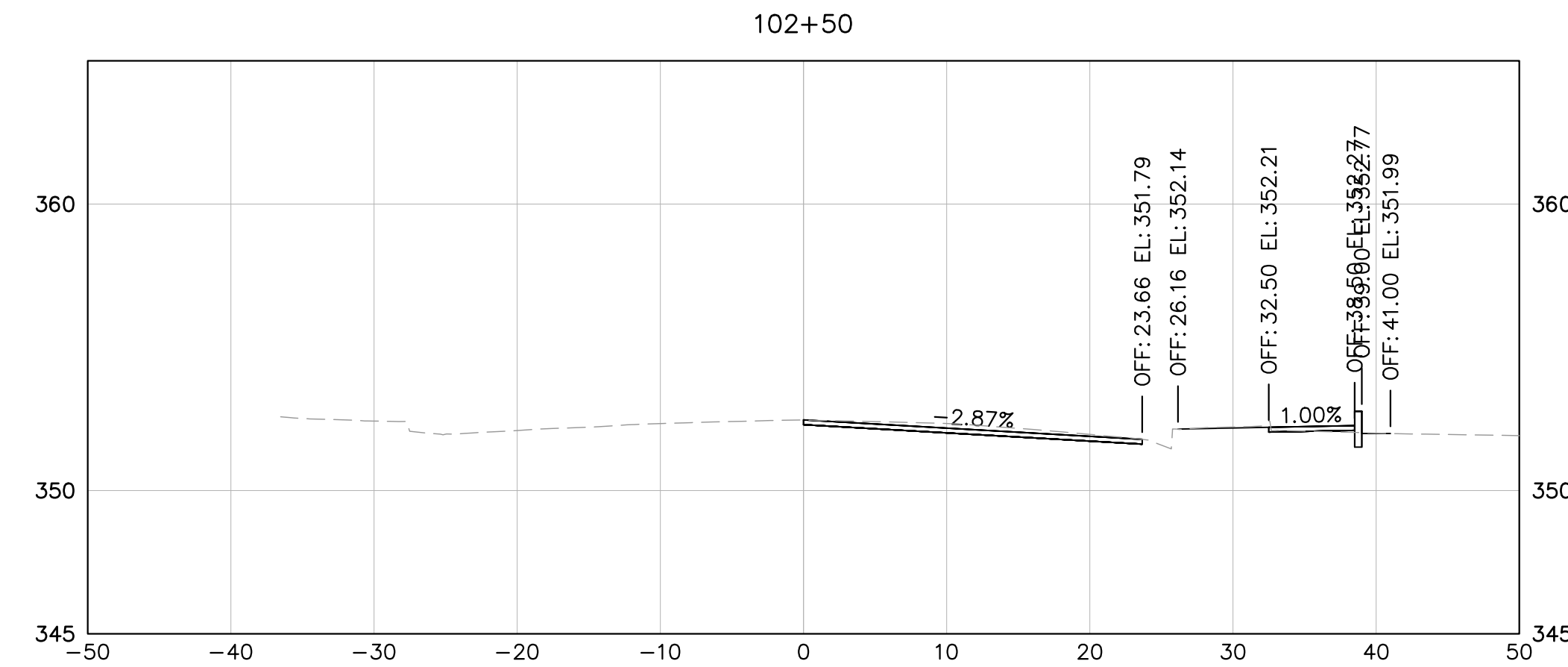
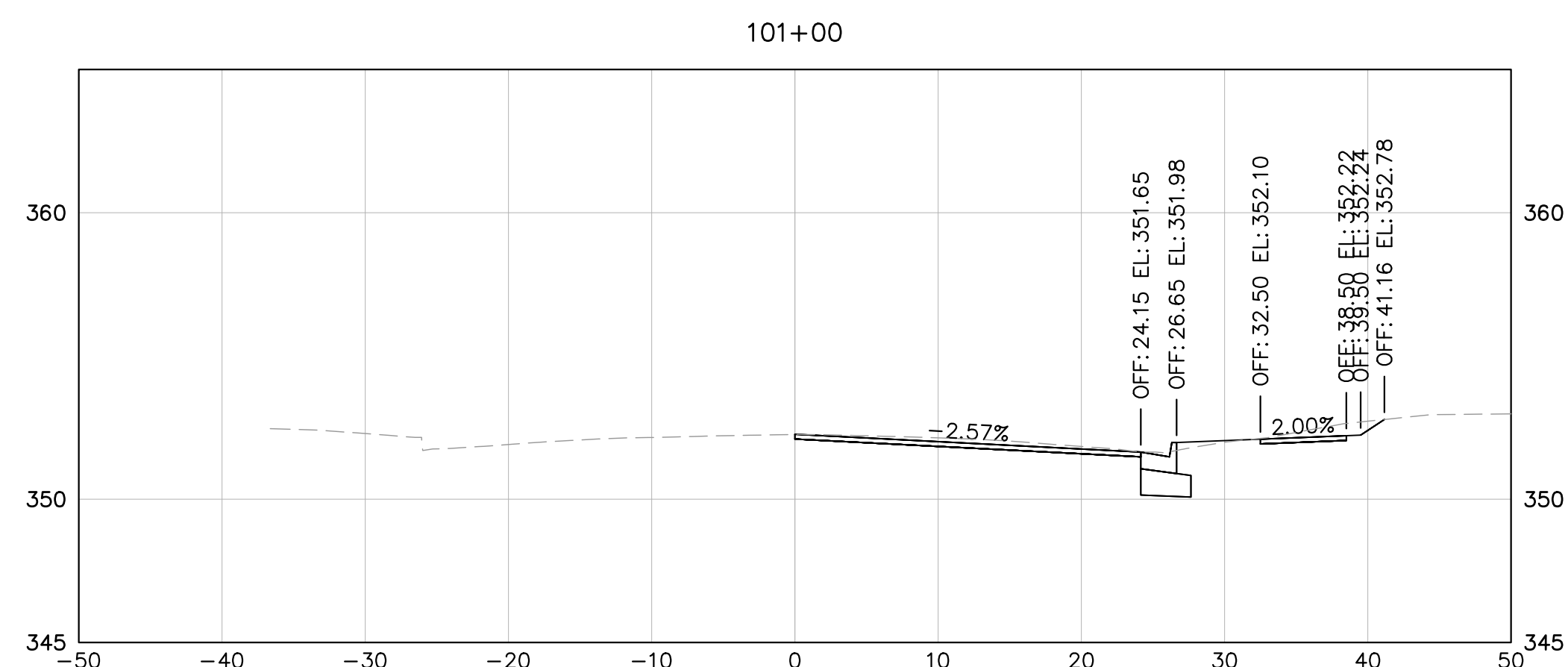
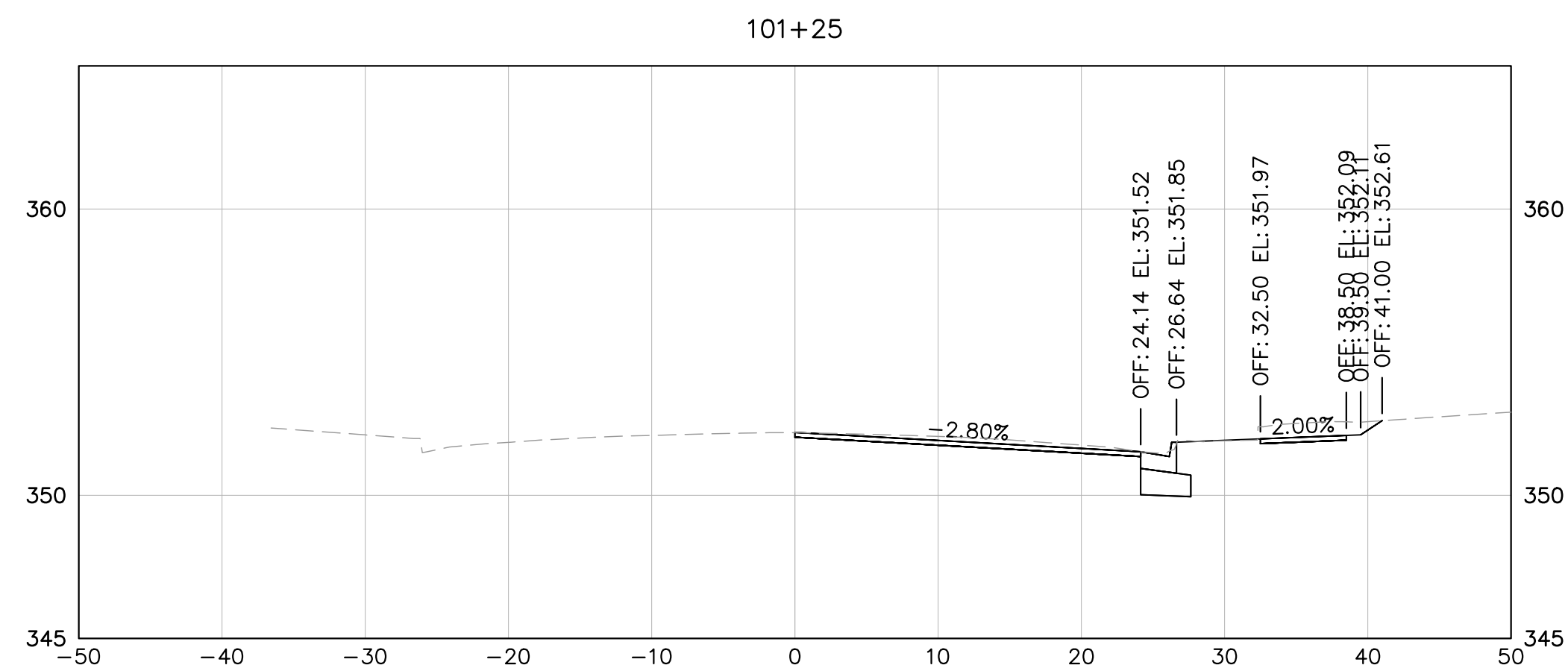
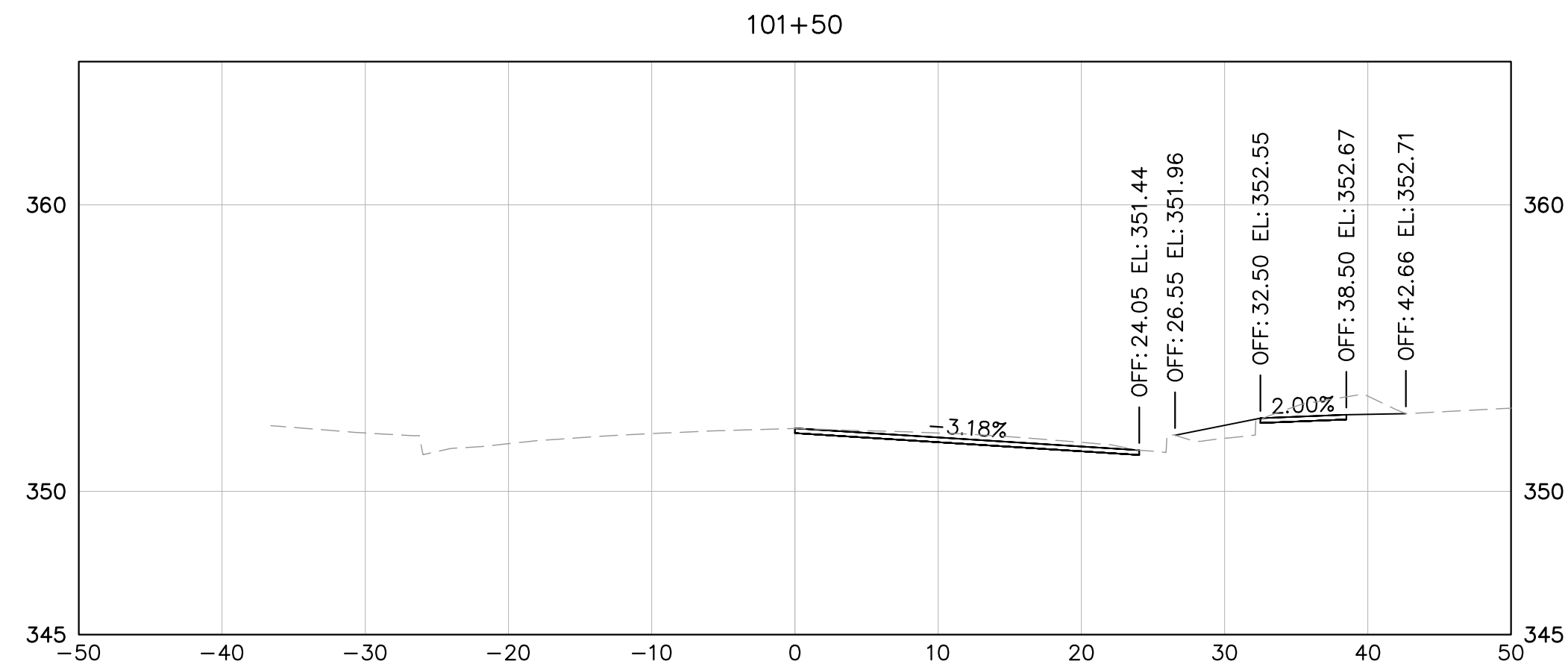
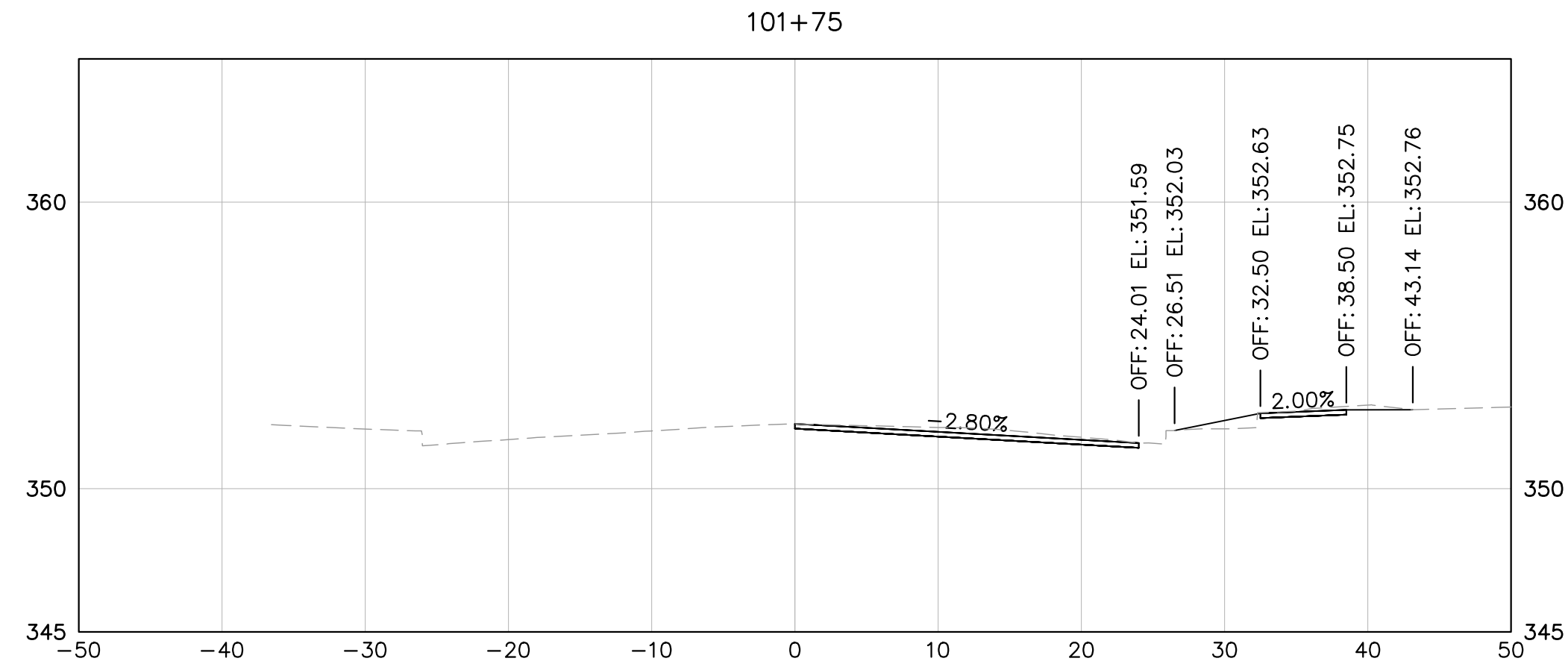
- LEGEND**
- A TYPE B, CLASS I, WHITE PAVEMENT LINE MARKING 4" WIDTH, SOLID
 - B TYPE B, CLASS I, WHITE PAVEMENT LINE MARKING 4" WIDTH, 10' LINE WITH 30' SPACING
 - C TYPE B, CLASS I, YELLOW DOUBLE PAVEMENT LINE MARKING 4" WIDTH, WITH 4" SPACING
 - D TYPE B, CLASS I, WHITE PAVEMENT LINE MARKING 24" WIDTH, SOLID
 - E TYPE B, CLASS I, WHITE PAVEMENT ARROW MARKING OR MESSAGE MARKING



PRELIMINARY

EMERGENCY POLICE - FIRE - RESCUE 911			
FAIRFAX COUNTY, VIRGINIA			
DEPARTMENT OF PUBLIC WORKS AND ENVIRONMENTAL SERVICES CAPITAL FACILITIES			
12000 GOVERNMENT CENTER PARKWAY, SUITE 449 FAIRFAX, VA., 22035-0052			
CAPITAL FACILITIES		703-324-5800	
COLUMBIA PIKE COMPLETE STREETS PHASE 1			
SIGNING AND PAVEMENT MARKING			
FUND NO. 500-C50000		PROJECT NO. AA1400159-21	
SCALE	DESIGNED BY: MW	SHEET	
SEE GRAPHIC SCALE	DRAFTED BY: HS	4	
	CHECKED BY: DD		
APPROVED BY CAPITAL FACILITIES			

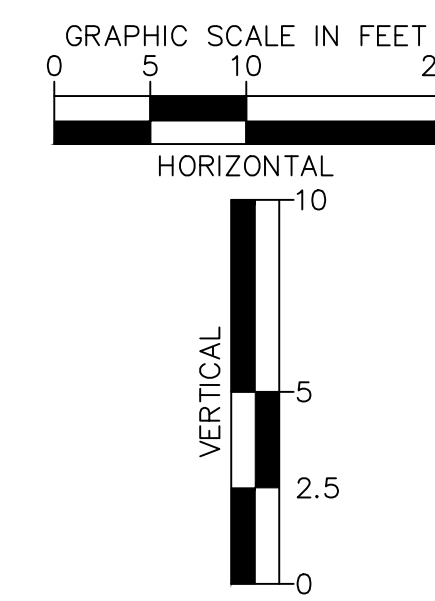
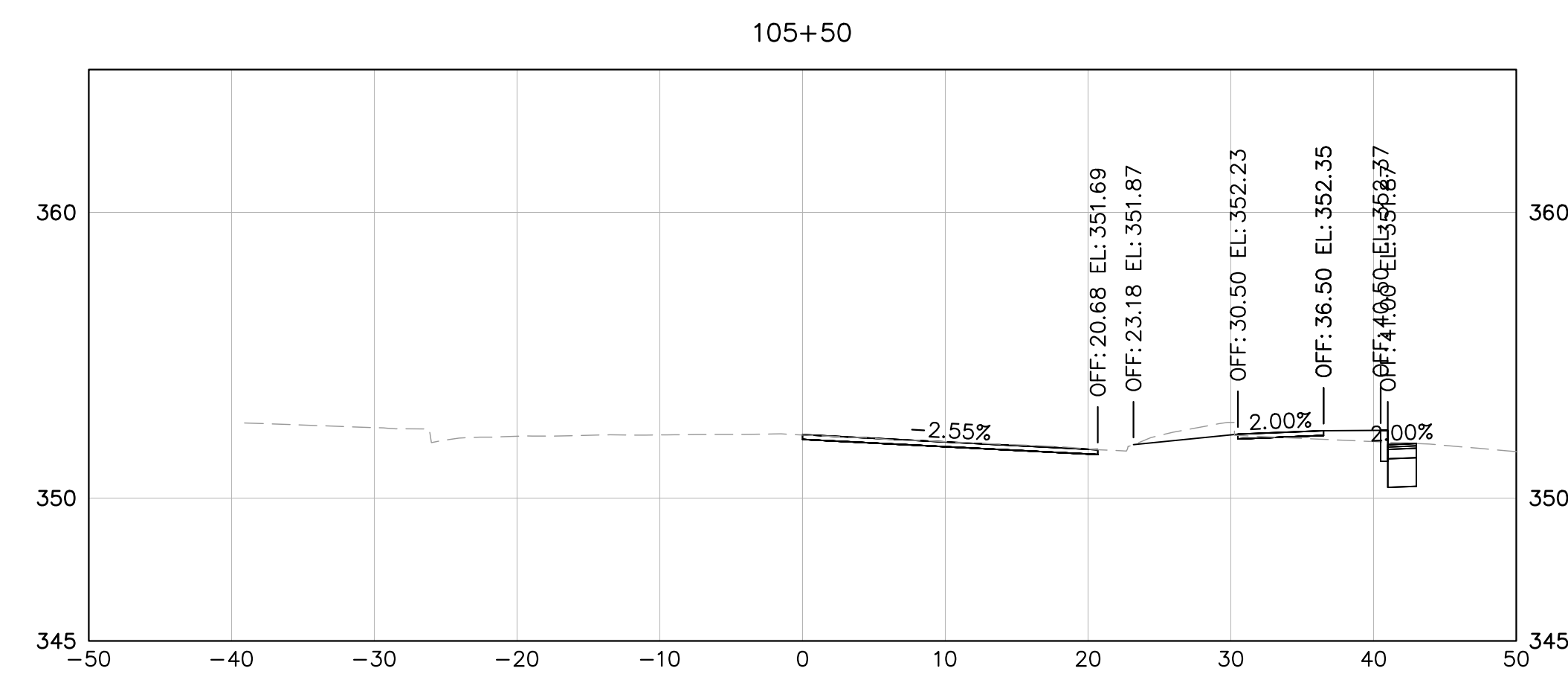
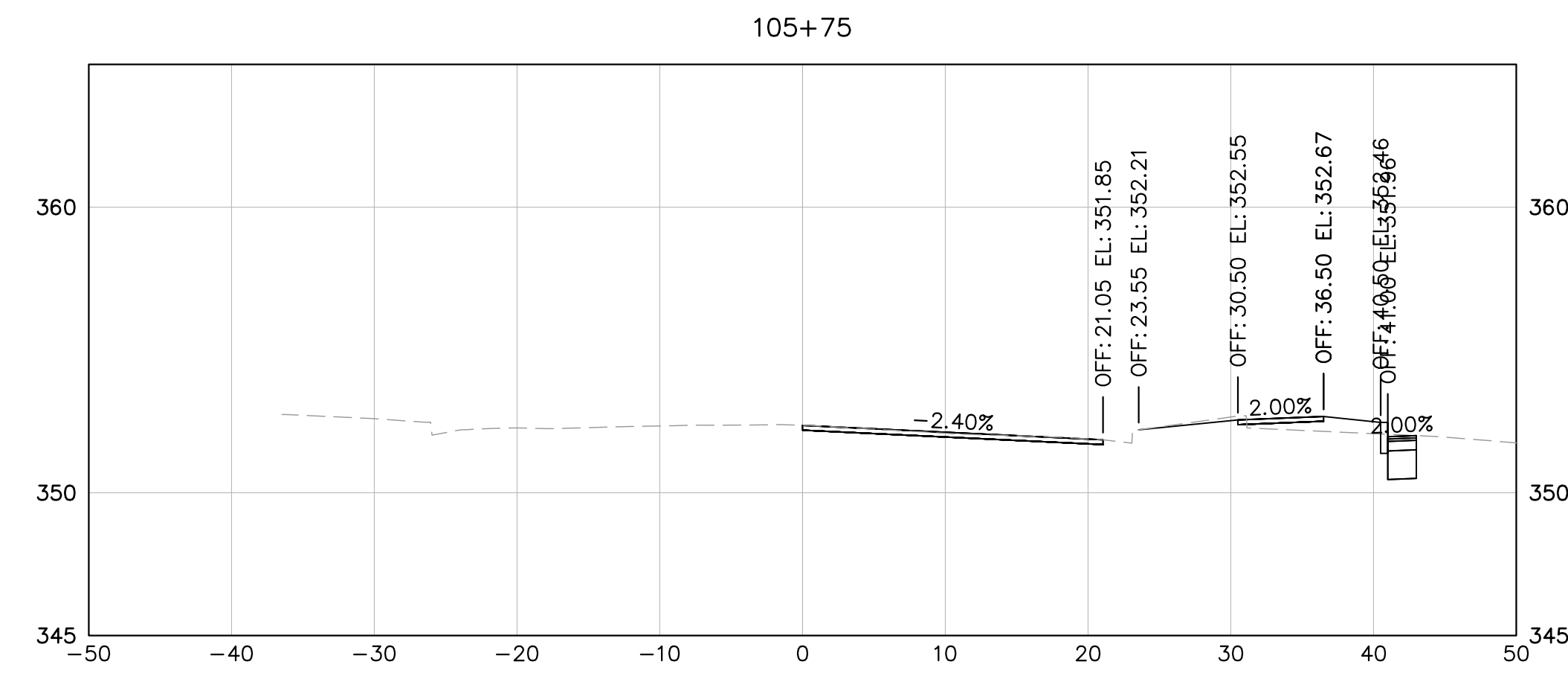
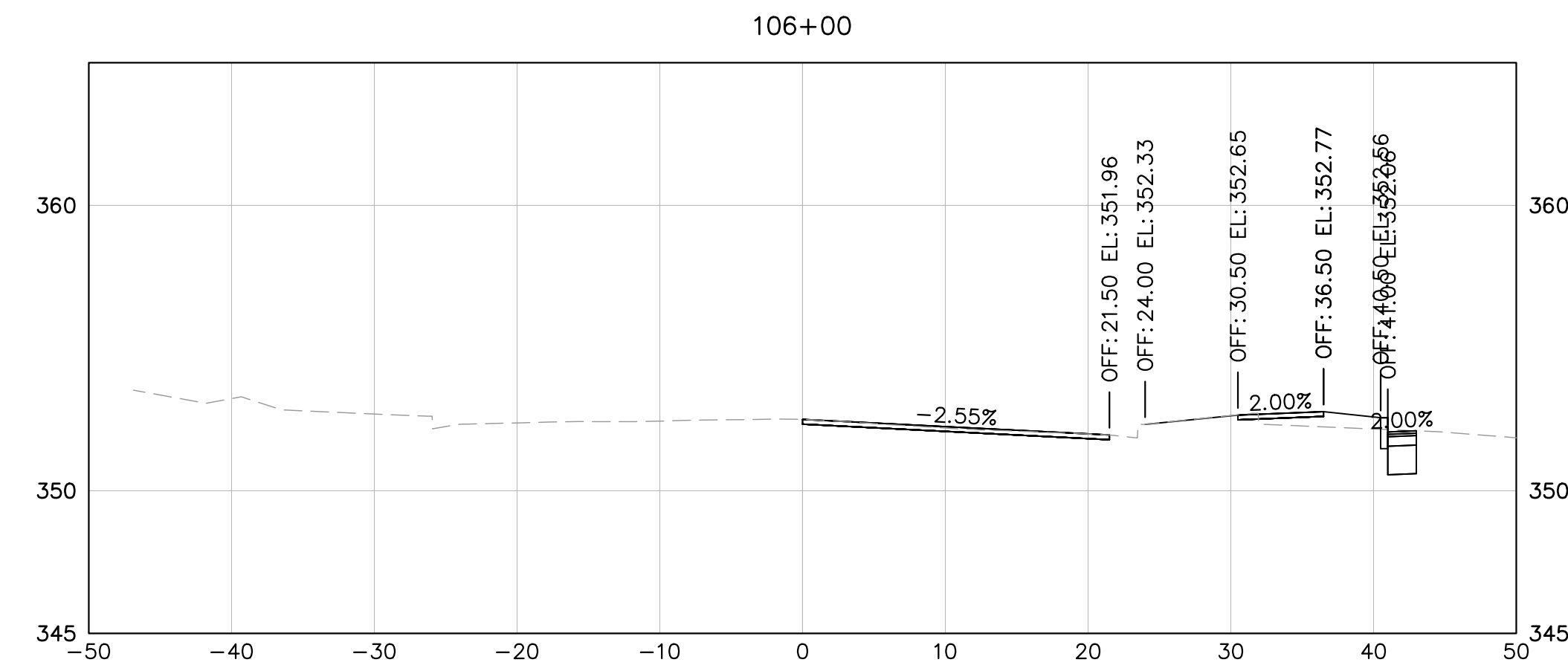
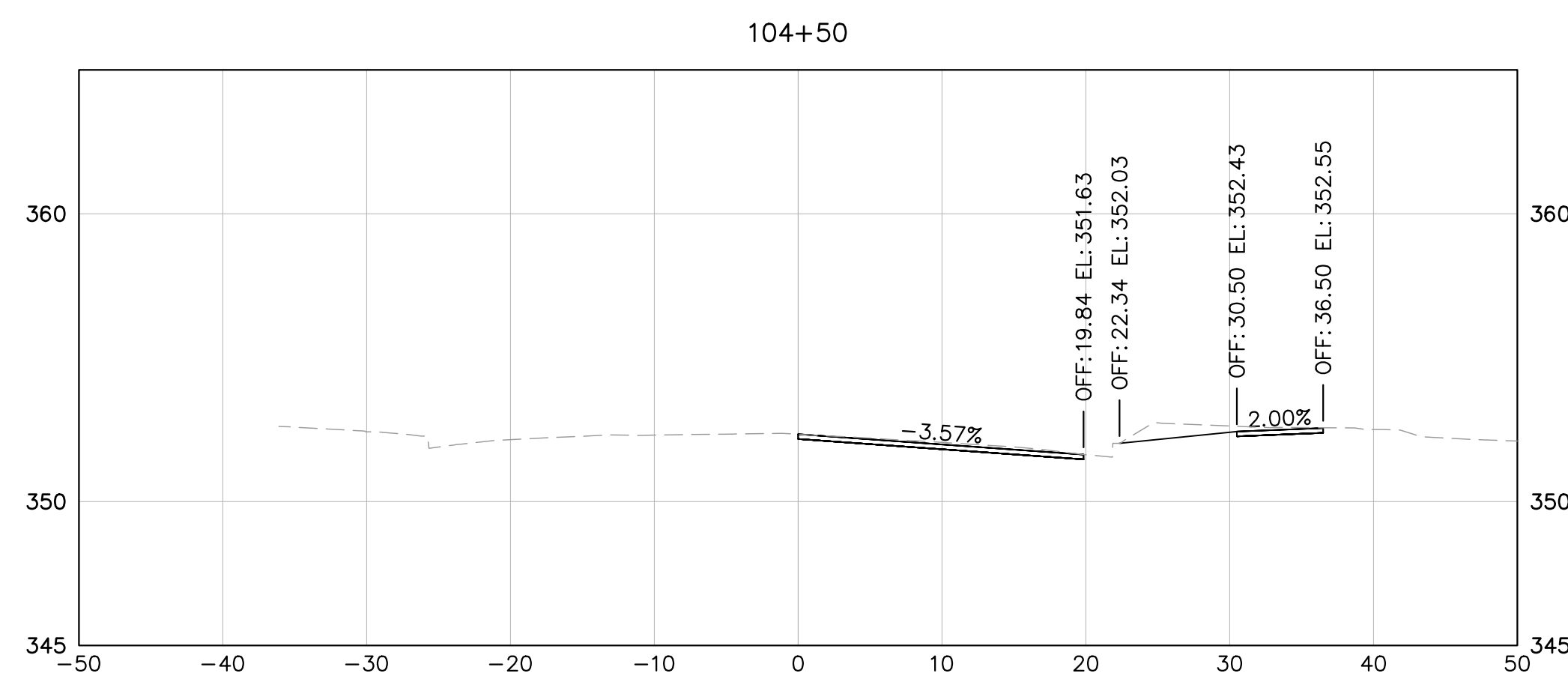
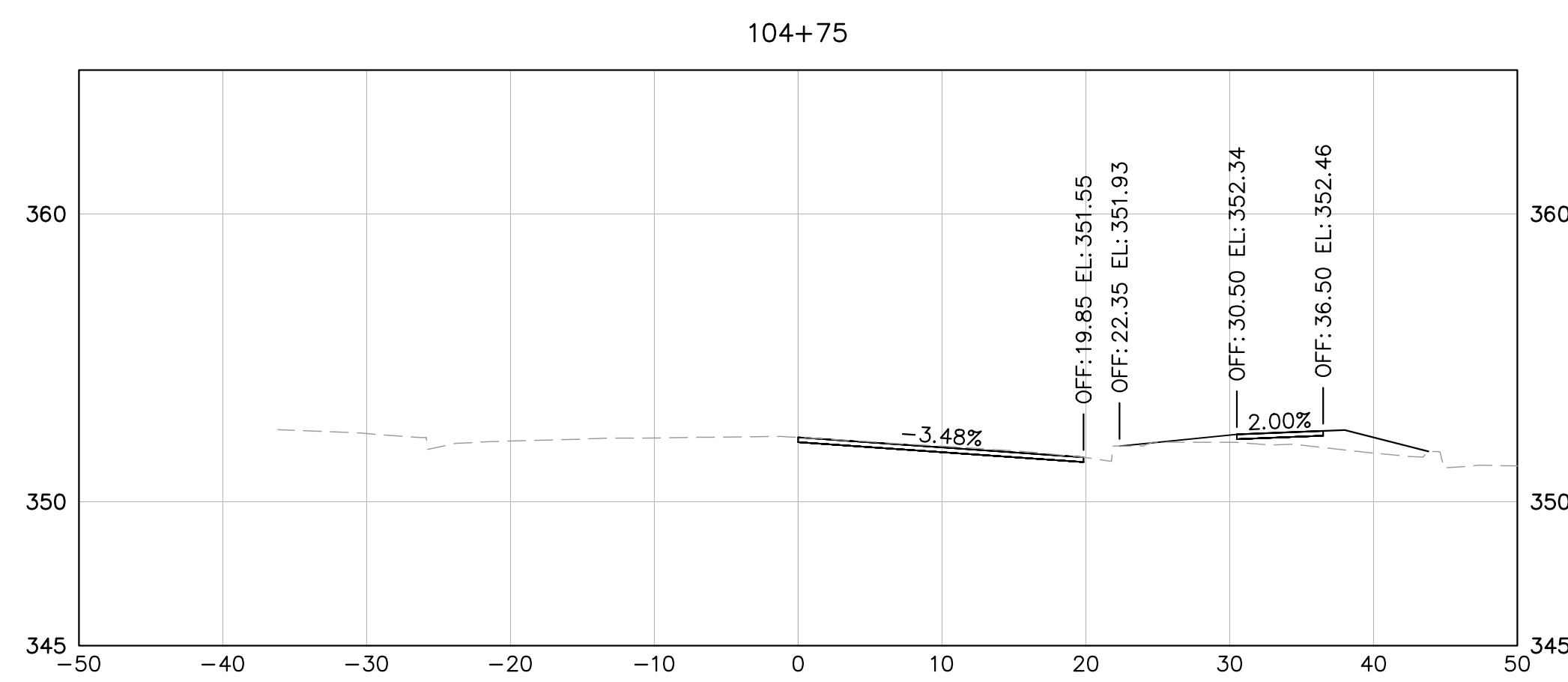
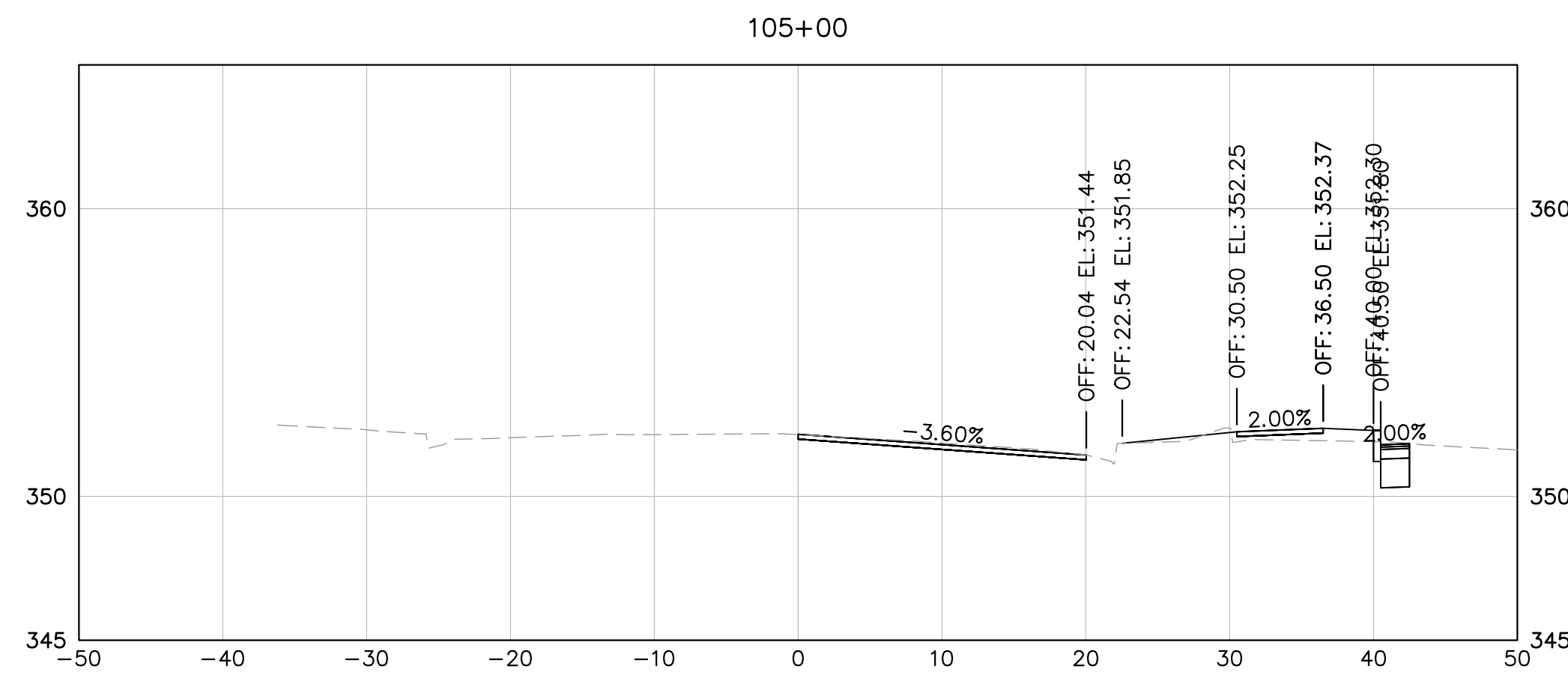
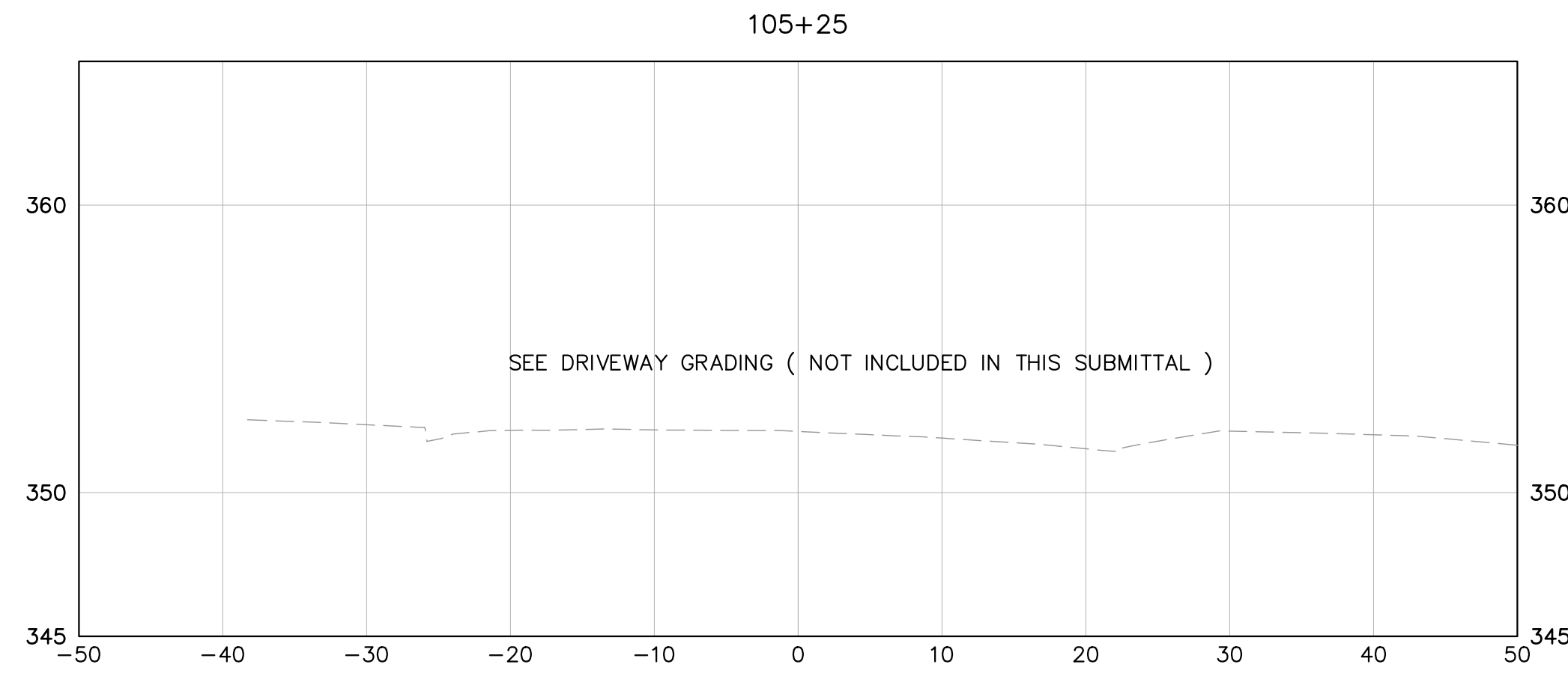
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CAPITAL FACILITIES		703-324-5800	
COLUMBIA PIKE COMPLETE STREETS PHASE 1			
CROSS SECTIONS			
FUND NO. 500-C50000		PROJECT NO. AA1400159-21	
SCALE SEE GRAPHIC SCALE		DESIGNED BY: MW DRAFTED BY: HS CHECKED BY: DD	SHEET X1
APPROVED BY CAPITAL FACILITIES			

Plotted By: Daugherty, Derek Sheet: Set: Columbia Pike Complete Streets Layout: X3 CROSS SECTIONS September 22, 2022 04:26:47pm K:\NVA_RDW\10213093 Columbia Pike Complete Streets\CAD\References\0Corr-10213093.dwg
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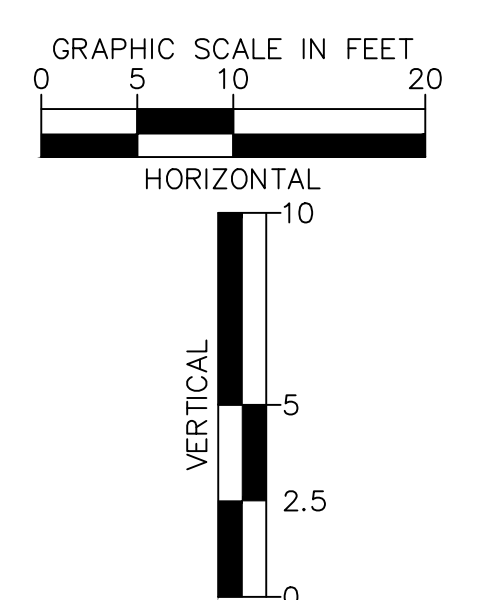
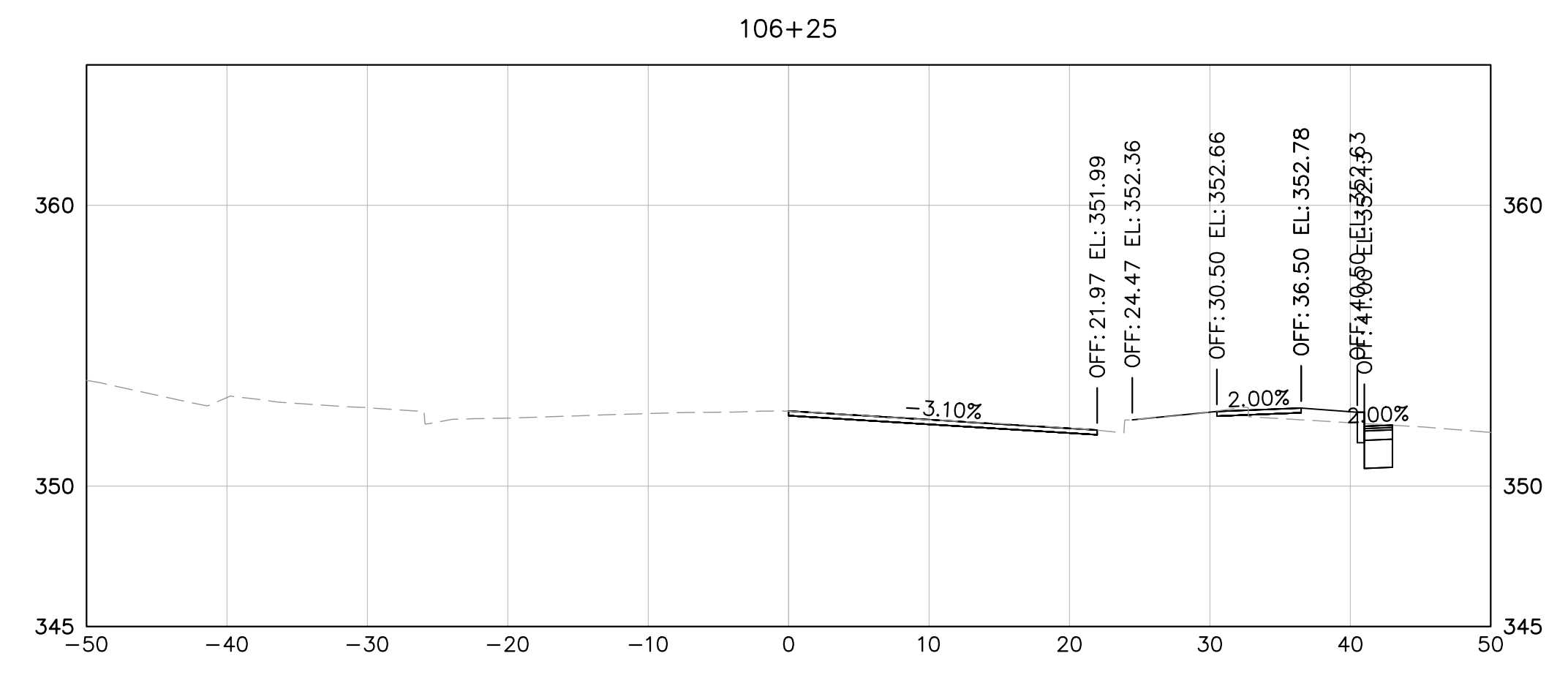
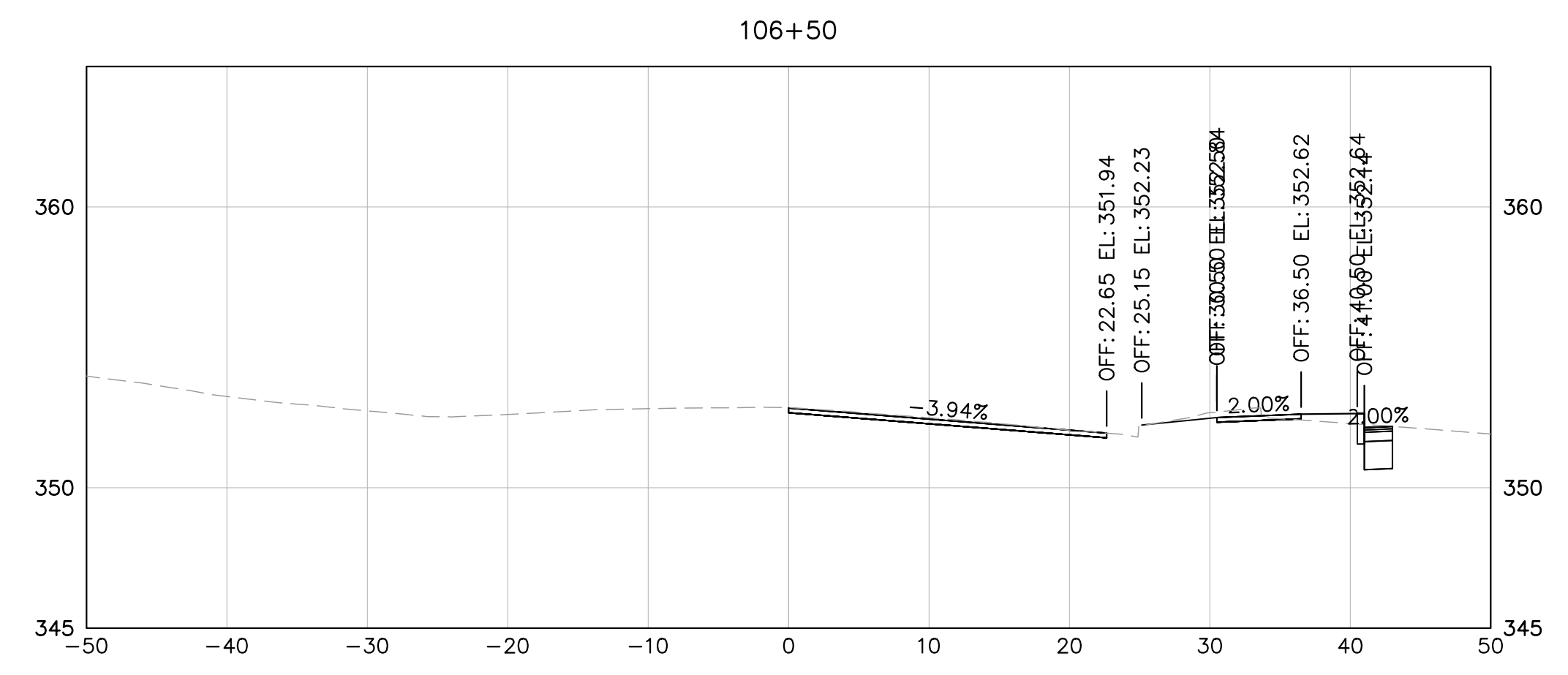


PRELIMINARY

EMERGENCY POLICE - FIRE - RESCUE 911			
FAIRFAX COUNTY, VIRGINIA			
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12000 GOVERNMENT CENTER PARKWAY, SUITE 449 FAIRFAX, VA., 22035-0052			
		CAPITAL FACILITIES 703-324-5800	
COLUMBIA PIKE COMPLETE STREETS PHASE 1			
CROSS SECTIONS			
FUND NO. 500-C50000		PROJECT NO. AA1400159-21	
SCALE SEE GRAPHIC SCALE		DESIGNED BY: MW DRAFTED BY: HS CHECKED BY: DD	SHEET X3
APPROVED BY CAPITAL FACILITIES			

PROJECT MANAGER: LATESA TURNER
 SURVEYED BY, DATE: H&B SURVEYING AND MAPPING LLC, 12/08/2021
 DESIGNED BY: KIMLEY-HORN AND ASSOCIATES, INC.
 SUBSURFACE UTILITY BY, DATE: TBD

Plotted By: Daugherty, Derek Sheet: Set: Columbia Pike Complete Streets - Layout: X4 CROSS SECTIONS - September 22, 2022 04:26:55pm K:\NVA_RDW\10213093 Columbia Pike Complete Streets\CAD\References\0Corr-110213093.dwg
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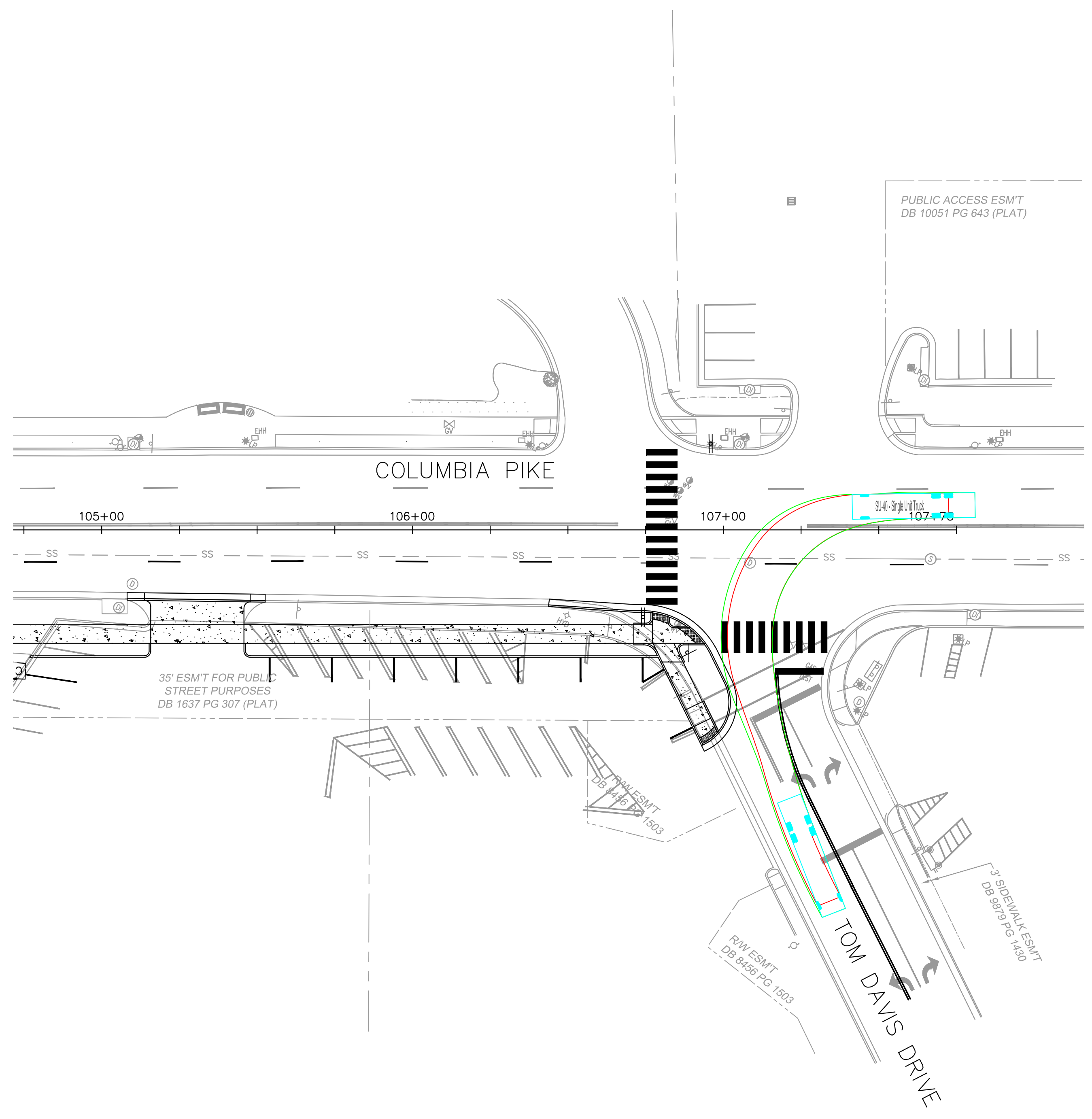
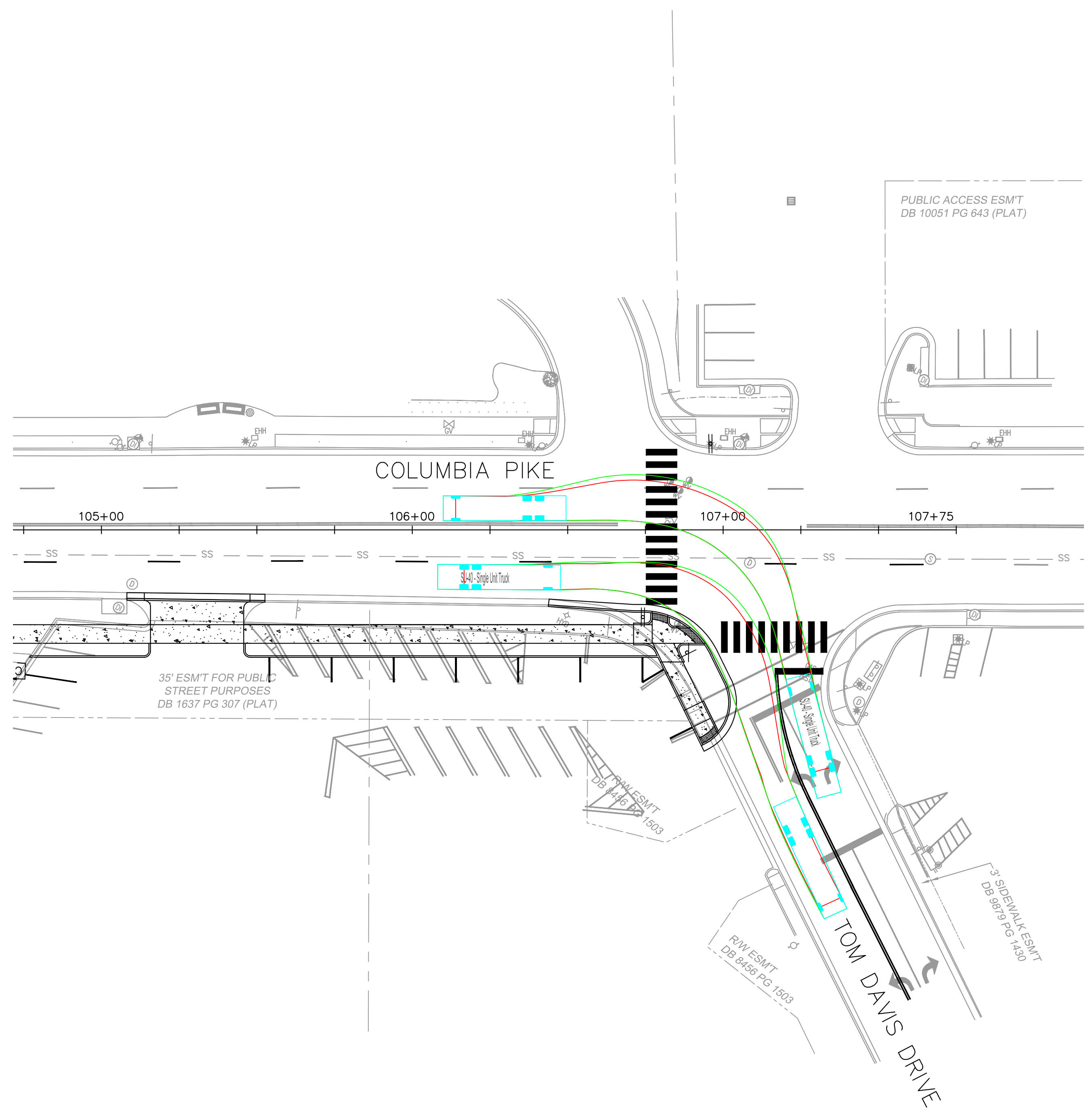
PRELIMINARY

EMERGENCY POLICE - FIRE - RESCUE 911			
FAIRFAX COUNTY, VIRGINIA			
DEPARTMENT OF PUBLIC WORKS AND ENVIRONMENTAL SERVICES CAPITAL FACILITIES			
12000 GOVERNMENT CENTER PARKWAY, SUITE 449 FAIRFAX, VA., 22035-0052			
CAPITAL FACILITIES 703-324-5800		COLUMBIA PIKE COMPLETE STREETS PHASE 1	
CROSS SECTIONS			
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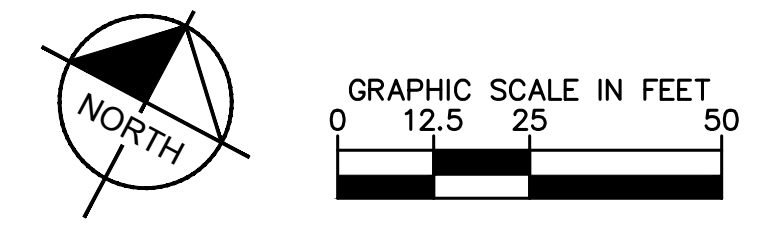
PROJECT MANAGER: LATESA TURNER
 SURVEYED BY, DATE: H&B SURVEYING AND MAPPING LLC, 12/08/2021
 DESIGNED BY: KIMLEY-HORN AND ASSOCIATES, INC.
 SUBSURFACE UTILITY BY, DATE: TBD

AUTOTURN EXHIBIT

Plotted By: Daughtry, Derek. Sheet Set: Columbia Pike Complete Streets. CAD: PlanSheets\AUTOTURN.dwg. Date: 04/26/2022 04:26:14pm. K:\NVA_RDWA\10212093_Columbia Pike Complete Streets\CAD\PlanSheets\AUTOTURN.dwg. This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



PRELIMINARY



EMERGENCY POLICE - FIRE - RESCUE 911			
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CAPITAL FACILITIES		703-324-5800	
COLUMBIA PIKE COMPLETE STREETS PHASE 1			
AUTOTURN EXHIBIT			
FUND NO. 500-C50000		PROJECT NO. AA1400159-21	
SCALE	DESIGNED BY: MW	SHEET	
SEE GRAPHIC SCALE	DRAFTED BY: HS	EXHIBIT 1	
	CHECKED BY: DD		
APPROVED BY CAPITAL FACILITIES			