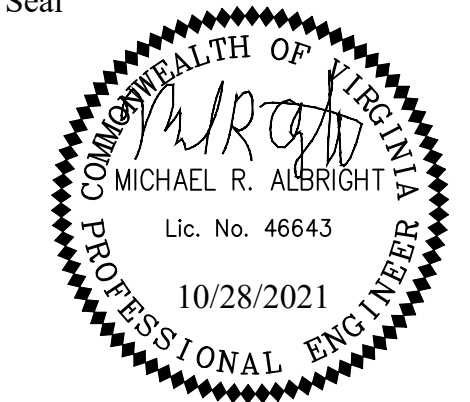


DEPARTMENT OF
ENVIRONMENTAL SERVICES

Facilities & Engineering Division
Engineering Bureau
2100 Clarendon Boulevard, Suite 813
Arlington, VA 22201
Phone: 703.228.3829
Fax: 703.228.3806

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Reston, Virginia 20191
Phone: 703-674-1300
Fax: 703-674-1300

Seal



Approvals _____ Date _____

Design Team Engineer Supervisor _____

Construction Management Supervisor _____

Water, Sewer, Streets Bureau Chief _____

Transportation Director _____

Project Manager _____

Revisions _____ Date _____

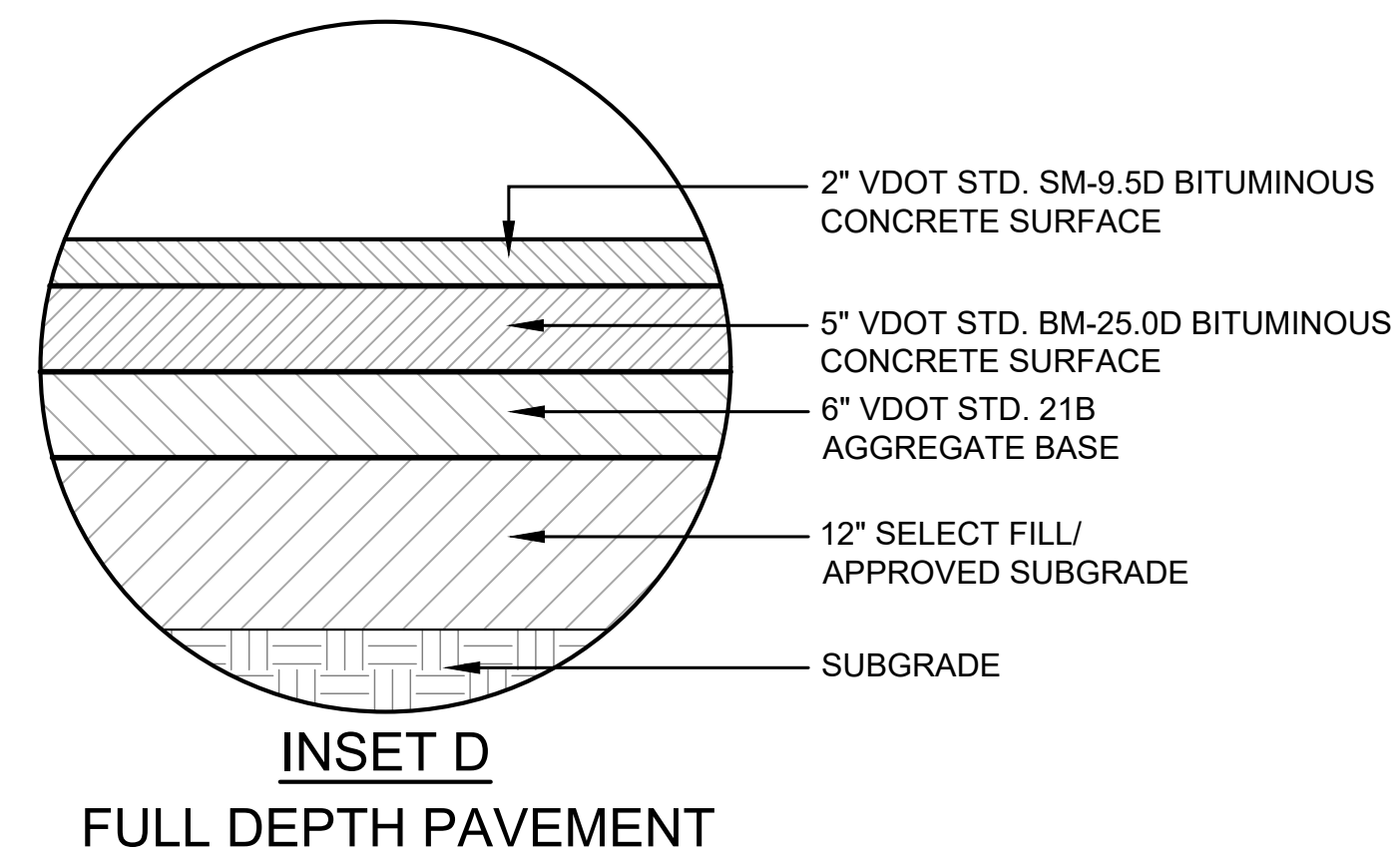
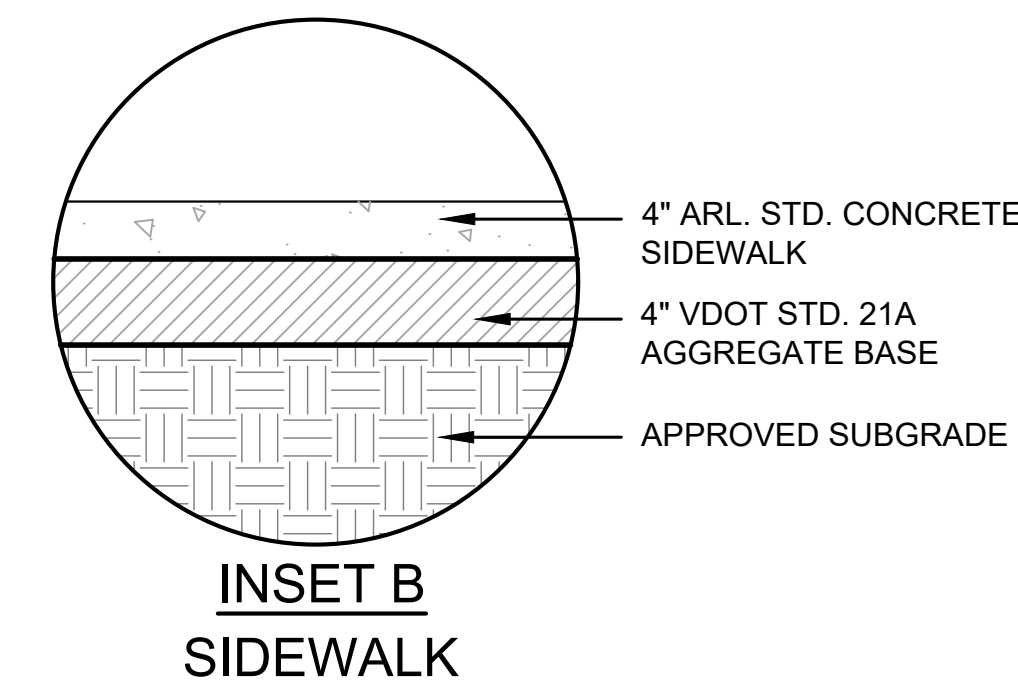
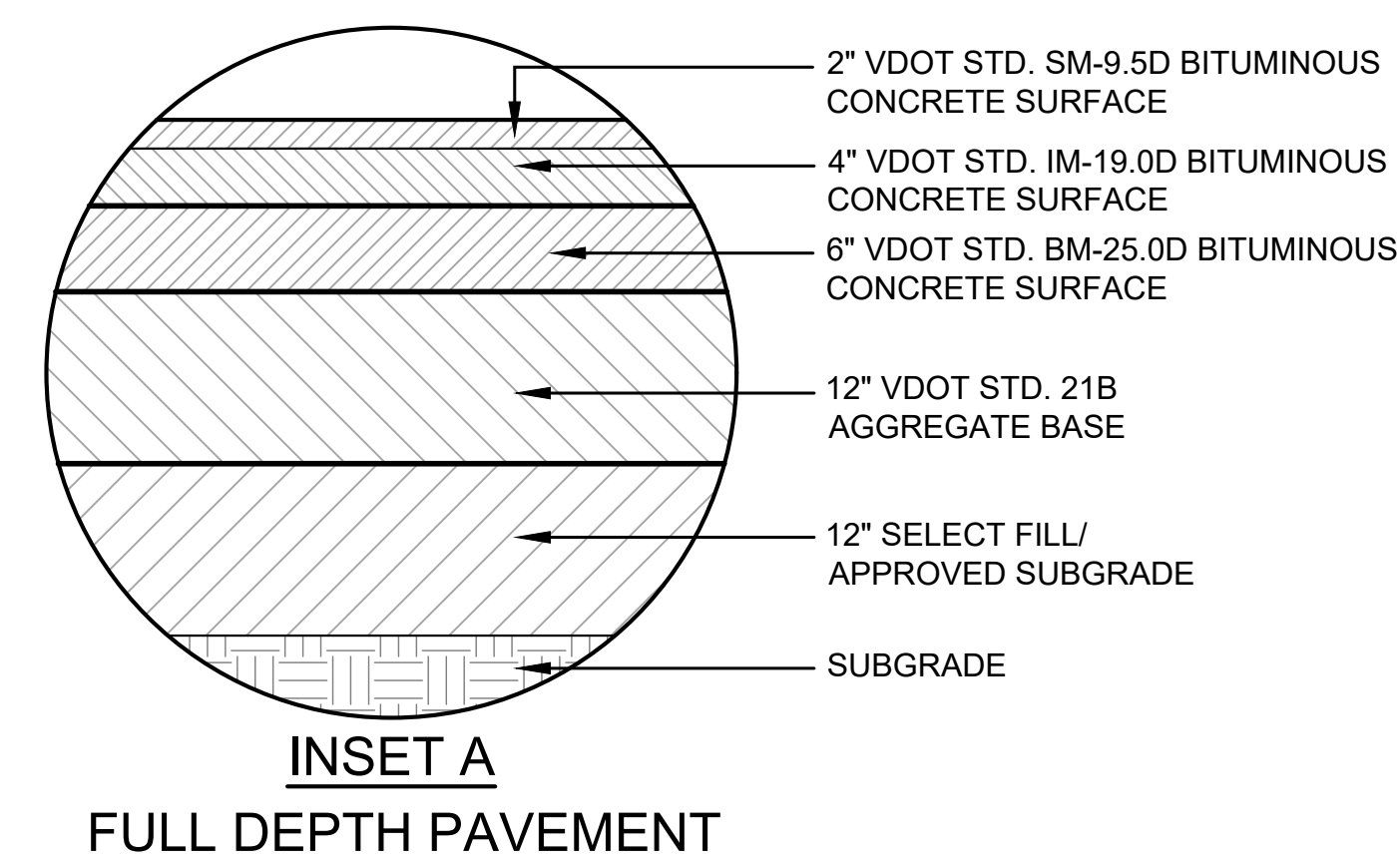
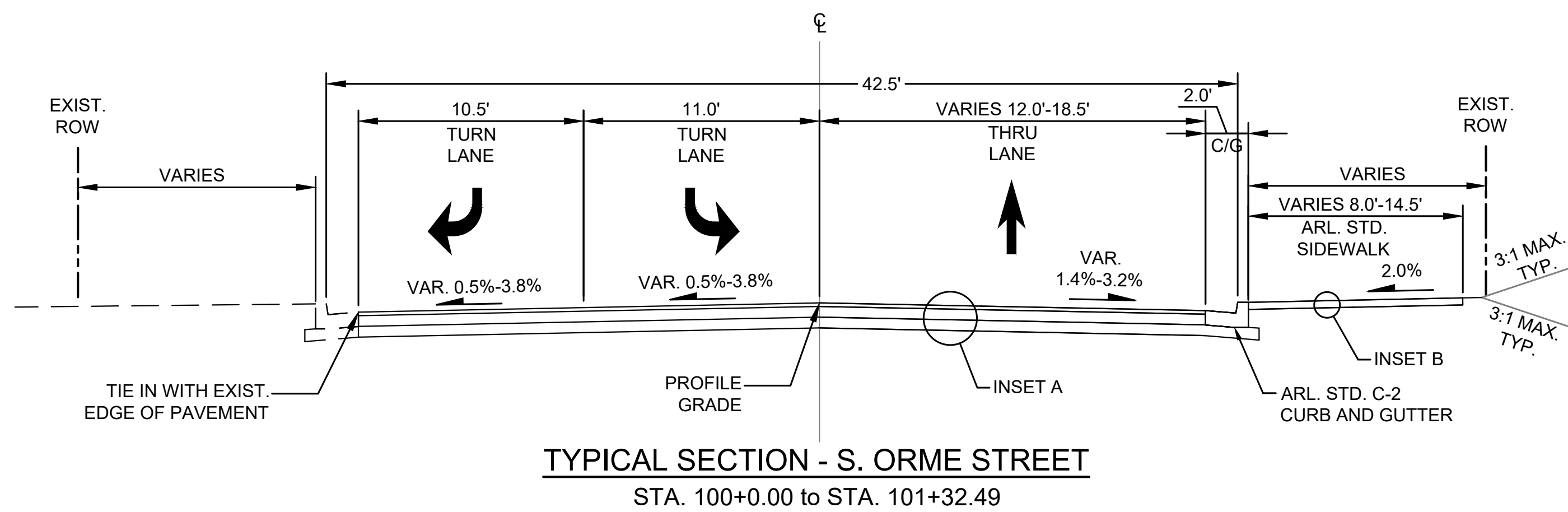
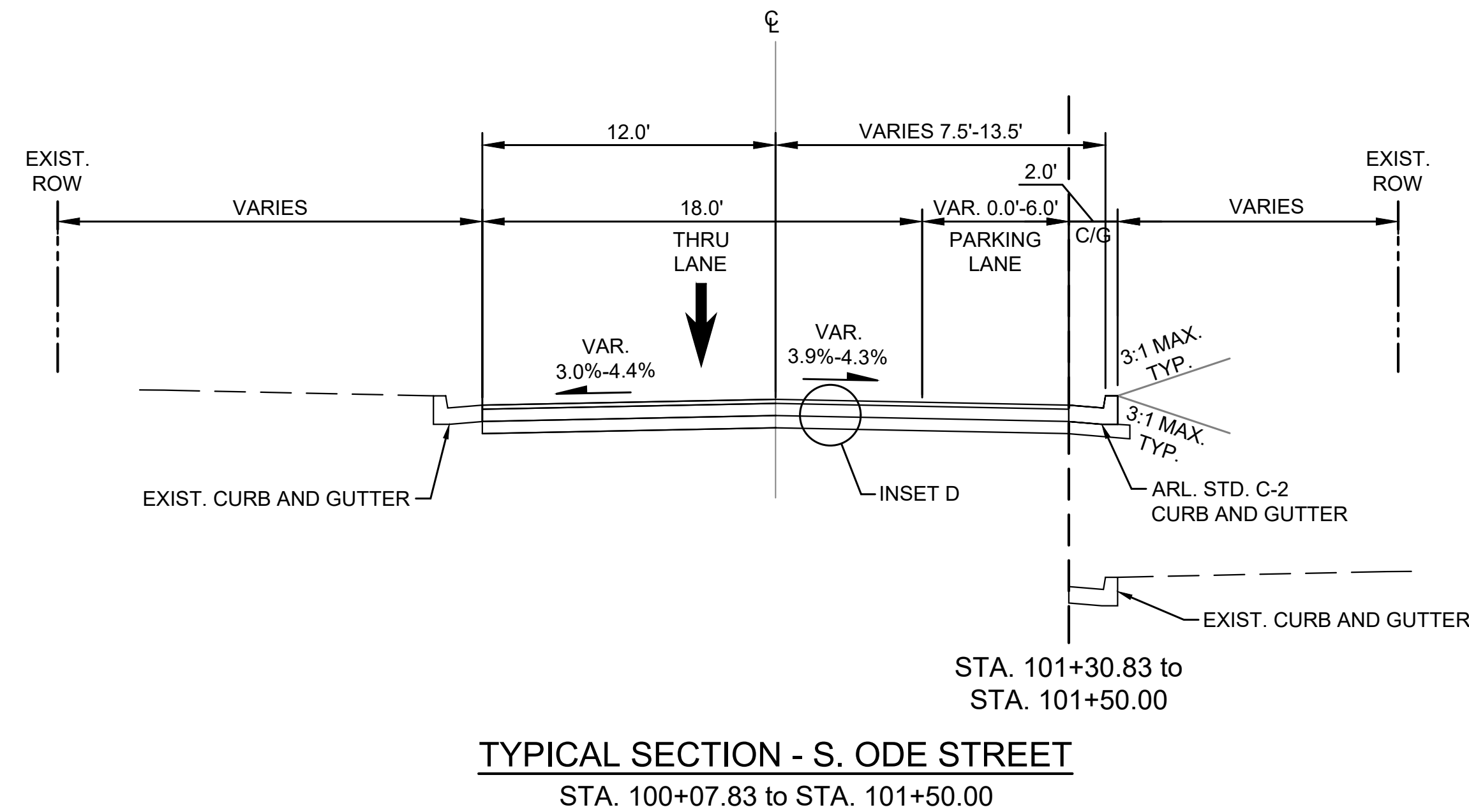
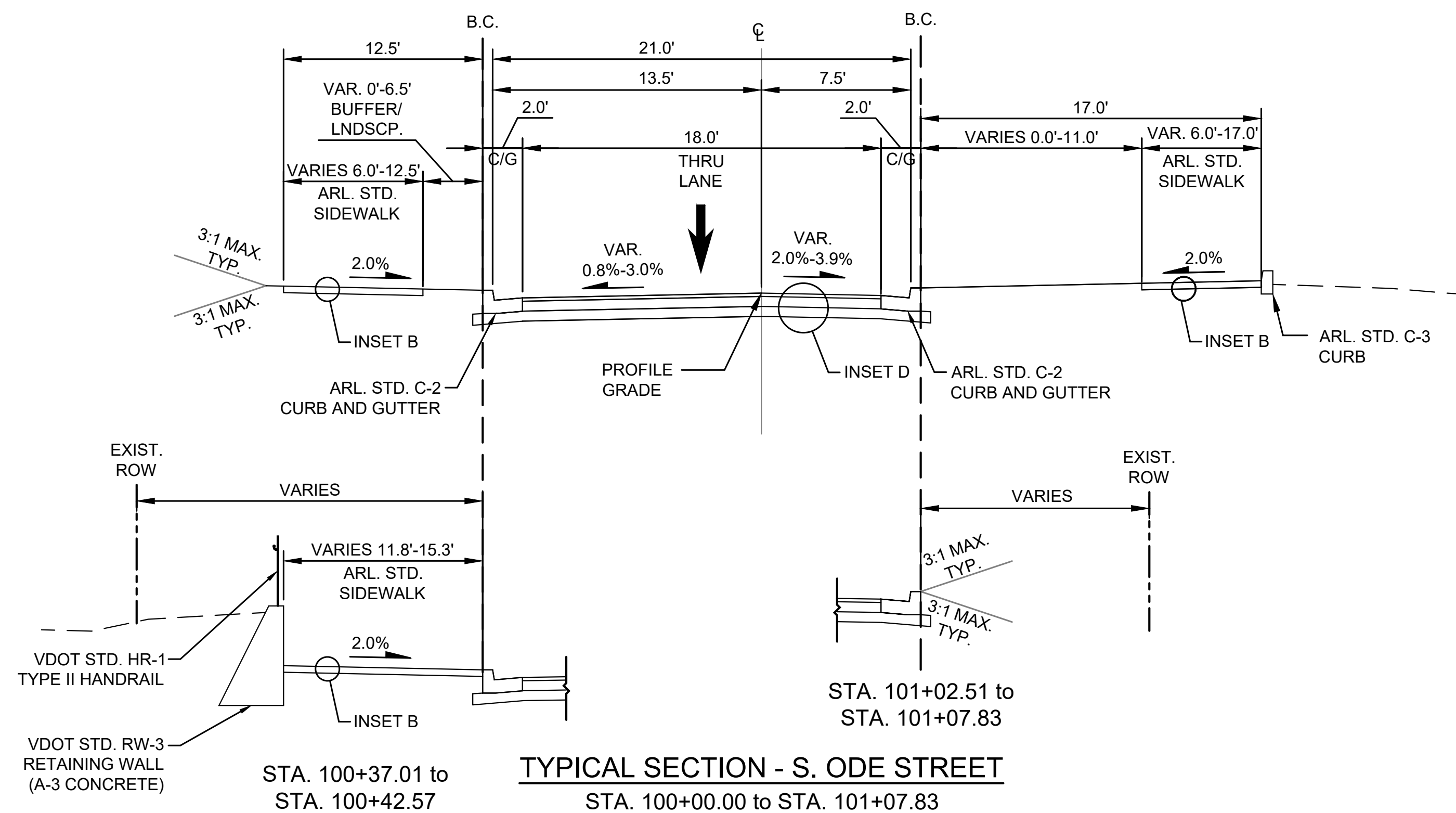
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Drawn: TEC
Checked: MRA
Miss Utility Transmittal #: _____

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Plotted: October 28, 2021
Plotted by: Patrick.Husted

ARLINGTON COUNTY, VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES

TYPICAL SECTIONS
COLUMBIA PIKE - ROUTE 244
COLUMBIA PIKE - MULTIMODAL STREET IMPROVEMENTS
SEGMENT A

SCALE: HOR. N/A VERT. N/A SHEET: A3.4 of A3.5

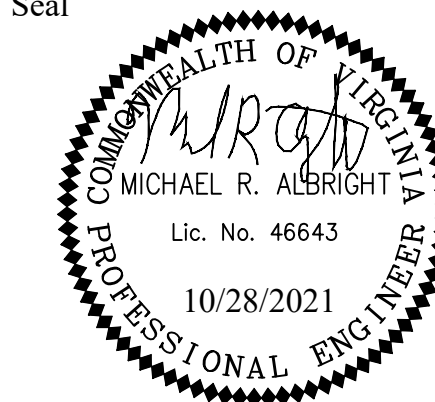


DEPARTMENT OF
ENVIRONMENTAL SERVICES

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

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Reston, Virginia 20191
Phone: 703-674-1300
Fax: 703-674-1300

Seal



Approvals _____ Date _____

Design Team Engineer Supervisor _____

Construction Management Supervisor _____

Water, Sewer, Streets Bureau Chief _____

Transportation Director _____

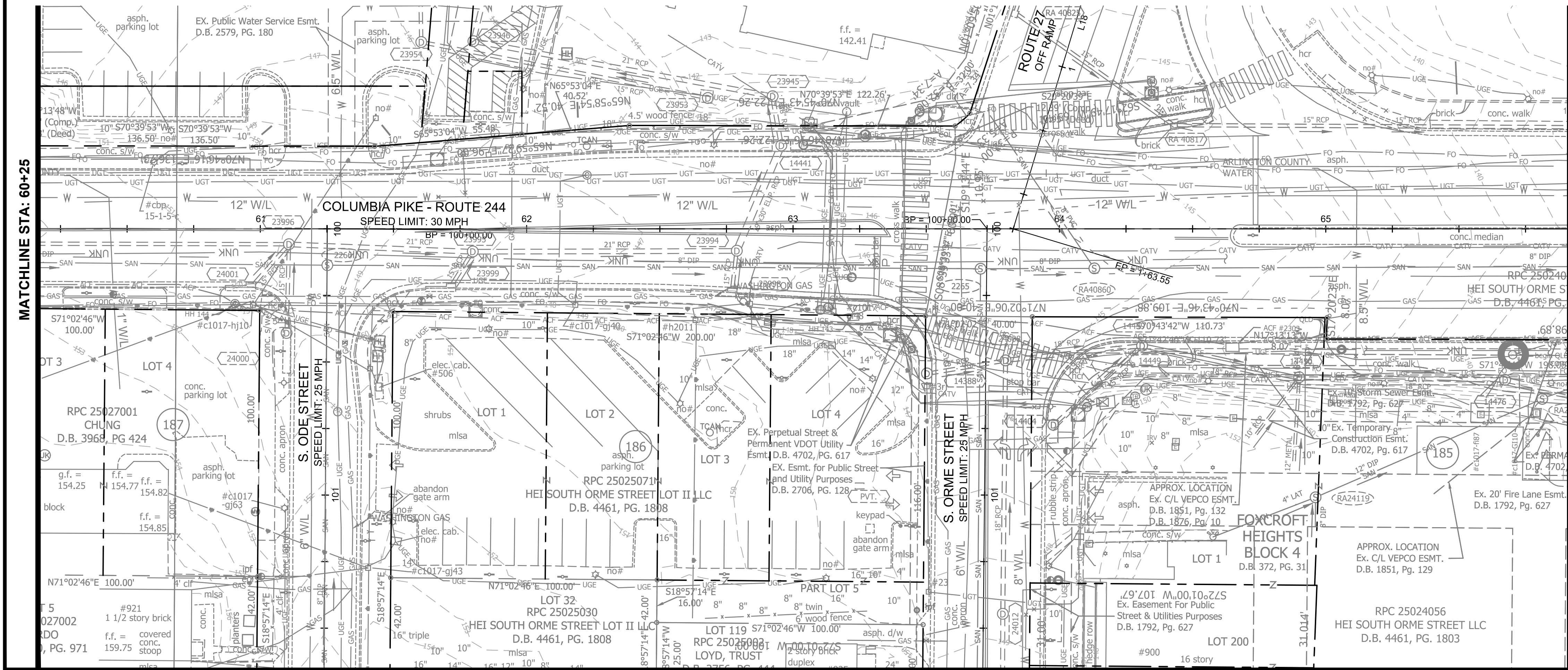
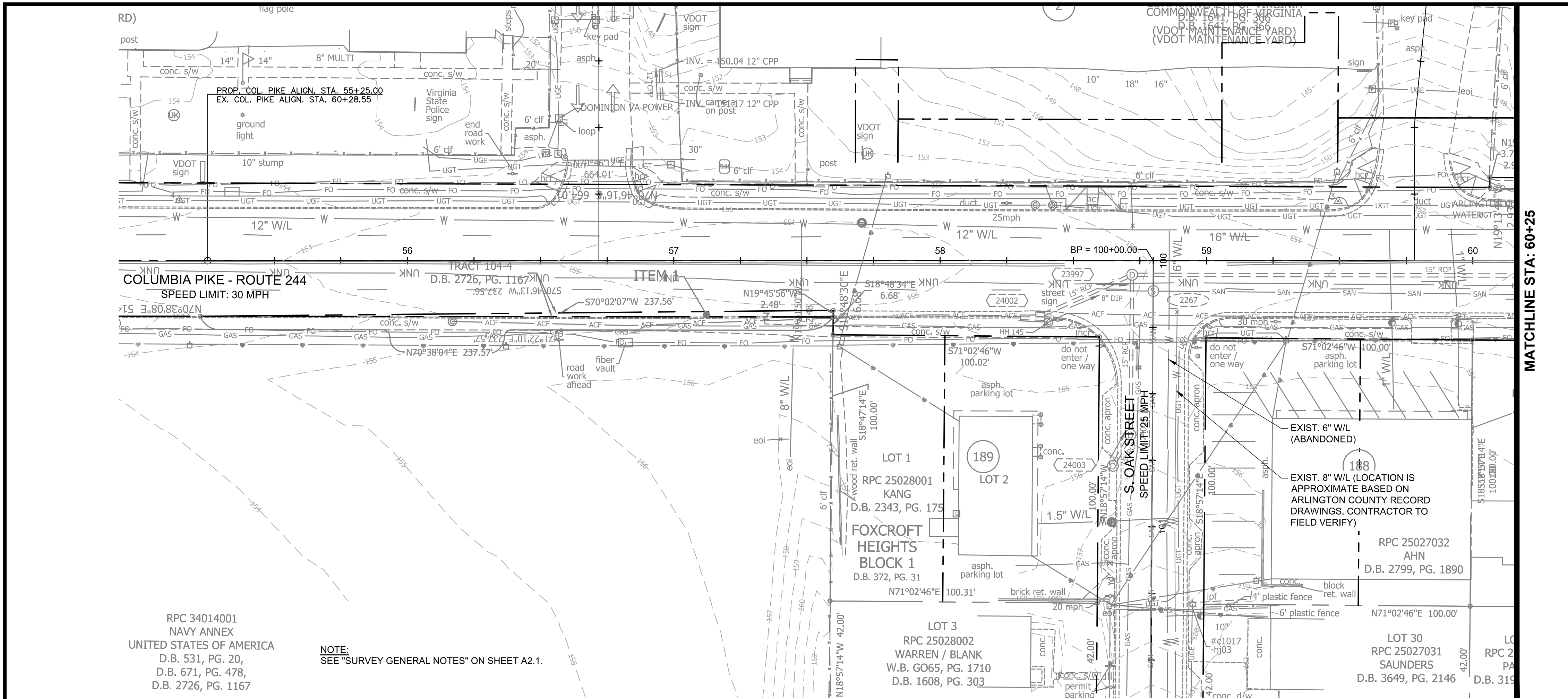
Project Manager _____

Revisions _____ Date _____

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

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Plotted: October 28, 2021
Plotted by: Patrick.Husted

ARLINGTON COUNTY, VIRGINIA DEPARTMENT OF ENVIRONMENTAL SERVICES		
TYPICAL SECTIONS COLUMBIA PIKE - ROUTE 244 COLUMBIA PIKE - MULTIMODAL STREET IMPROVEMENTS SEGMENT A		
SCALE:	HOR. N/A VERT. N/A	SHEET: A3.5 of A3.5



GRAPHIC SCALE IN FEET
0 12.5 25 50

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Engineering Bureau
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Arlington, VA 22201
Phone: 703.228.3629
Fax: 703.228.3606

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11400 Commerce Park Drive, Suite 400
Reston, Virginia 20191
Phone: 703-874-1500
Fax: 703-874-1590

Seal
MICHAEL R. ALBRIGHT
Lic. No. 46643
10/28/2021
PROFESSIONAL ENGINEER

Approvals _____ Date _____

Design Team Engineer Supervisor _____

Construction Management Supervisor _____

Water, Sewer, Streets Bureau Chief _____

Transportation Director _____

Project Manager _____

Revisions	Date

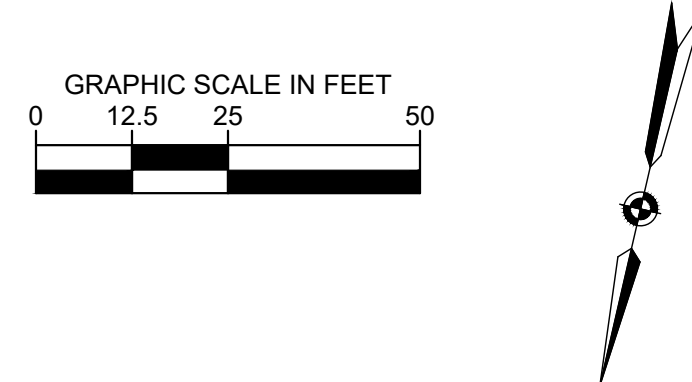
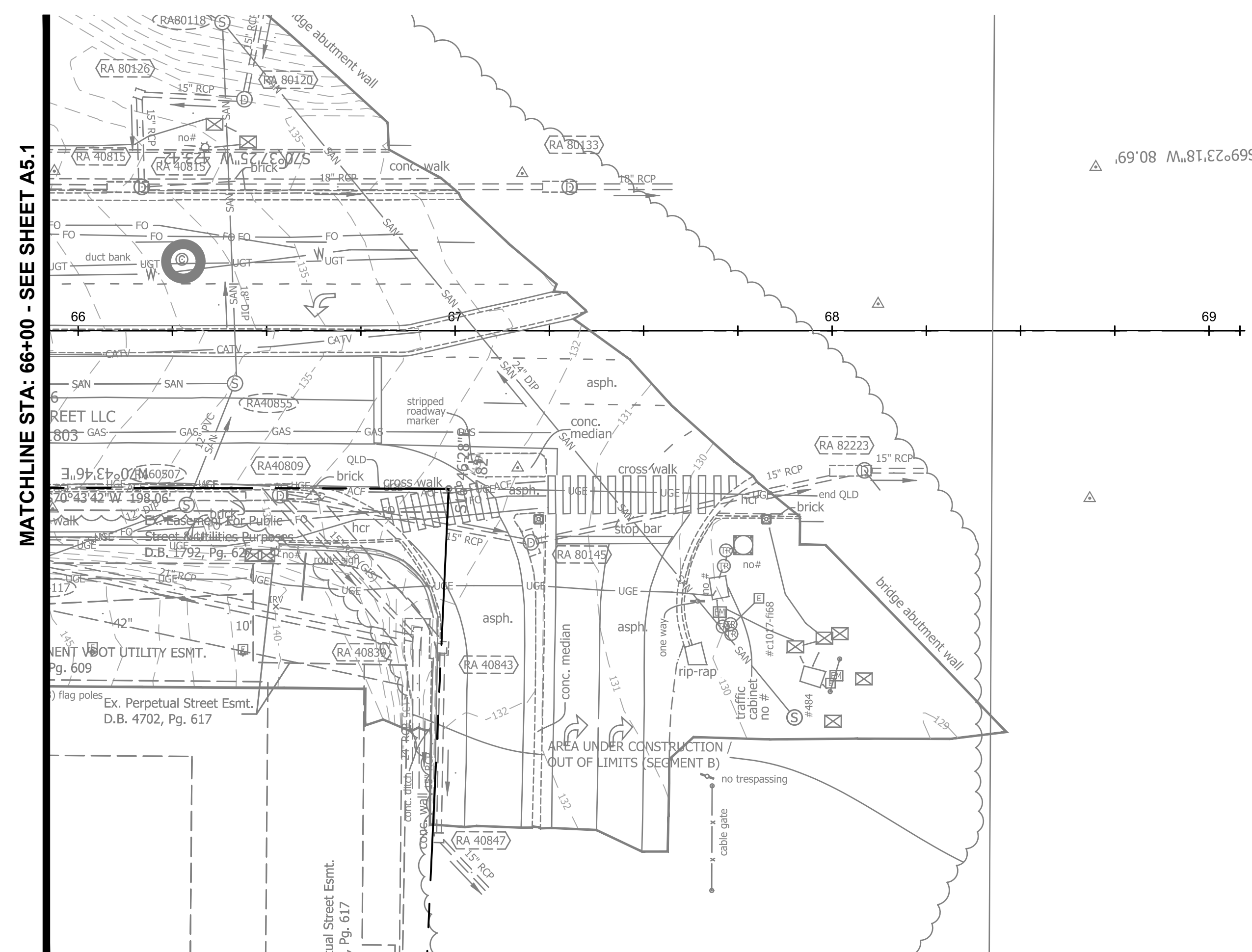
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Plotted: October 28, 2021
Plotted by: Patrick.Husted

ARLINGTON COUNTY, VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES

EXISTING CONDITIONS
COLUMBIA PIKE - ROUTE 244
COLUMBIA PIKE - MULTIMODAL STREET IMPROVEMENTS
SEGMENT A
STA. 55+00 TO STA. 66+00

SCALE:	HOR. 1" = 25'	VERT. N/A	SHEET:	A5.1 of A5.2
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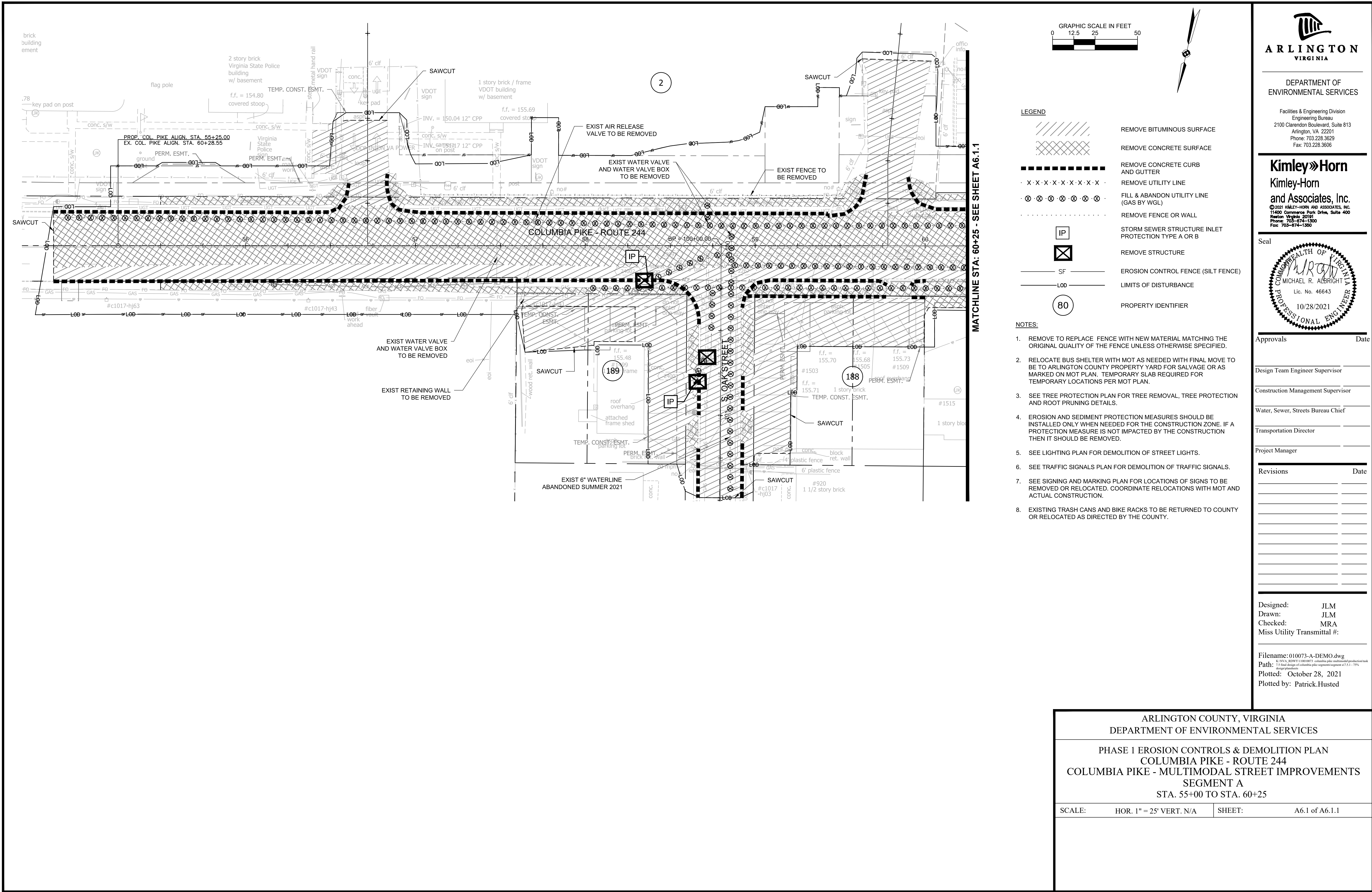
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	Storm Str. #			Coniferous Tree
	Catch Basin			Deciduous Tree
	Sanitary Manhole			Bush/Hedge/Shrub
	Sanitary Str. #			Traffic Mast Arm Pole
	Fire Hydrant			Traffic Pedestrian Pole
	Watermain Reducer			Traffic Control Box
	Water - Valve			Traffic Electrical Box
	Blowoff Valve			Traffic Junction Box
	Water - Cross			Traffic Service Meter
	Water - Tee			Construction Notes
	Water - Typical Bend			Benchmark
	Water Meter			Monument (GPS)
	Water Cap			Monument
	Water - Manhole Cover			Iron Rod Found
	Siamese Connection			Iron Pipe Found
	CableTV Pedestal			Rebar Rod Found
	Electrical Box			P.K. Nail Found
	Telephone Pedestal			Traverse
	Cobrahead Light			North Arrow
	Carlyle Light			Curb Transition
	Ground Light			Resource Protection Area (RPA)
	Light Pole			Parcel No. of Real Property (for "UNK" in the PLANS WAS FOUND BY MAUL DURING ADDITIONAL SURVEY EFFORT REQUESTED BY THE COUNTY AND DATED APRIL 3-5, 2020.
	Utility Pole			Approximate Limits of Existing Reinforced Concrete Pavement
	Guy Wire			Arlington County Fiber
	Utility Cover			Arlington County Fiber Handhole
	Gas Valve			Fiber Optic Handhole Cover
	Gas Line Marker			Abandoned Gas
	Test Hole			Unknown Underground Utility*
	Bollard			
	Mailbox			
	Parking Meter			
	Sign			
	Dry Utility Vault			
	Telephone Box			

* NOTE: UNKNOWN UTILITY LINE MARKE BY "UNK" IN THE PLANS WAS FOUND BY MAUL DURING ADDITIONAL SURVEY EFFORT REQUESTED BY THE COUNTY AND DATED APRIL 3-5, 2020. CONTRACTOR TO FIELD VERIFY LOCATI AND TYPE OF UTILITY AND DETERMINE THE STATUS OF THE UTILITY (ACTIVE OR ABANDONED) PRIOR TO CONSTRUCTION

ARLINGTON COUNTY, VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES

EXISTING CONDITIONS
COLUMBIA PIKE - ROUTE 244
COLUMBIA PIKE - MULTIMODAL STREET IMPROVEMENTS
SEGMENT A
STA. 66+00 TO STA. 68+00

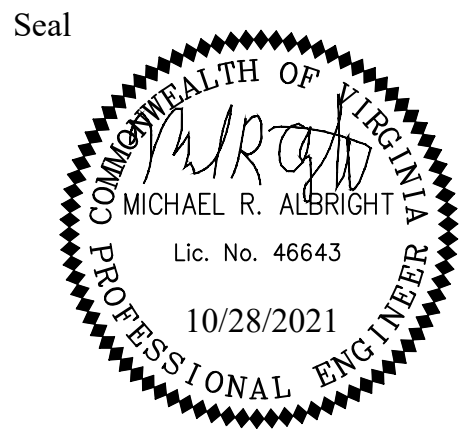
SCALE:	HOR. 1" = 25' VERT. N/A	SHEET:	A5.2 of A5.2
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DEPARTMENT OF ENVIRONMENTAL SERVICES

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

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Reston, Virginia 20191
Phone: 703-474-1500
Fax: 703-474-1500



Approvals _____ Date _____

Design Team Engineer Supervisor _____

Construction Management Supervisor _____

Water, Sewer, Streets Bureau Chief _____

Transportation Director _____

Project Manager _____

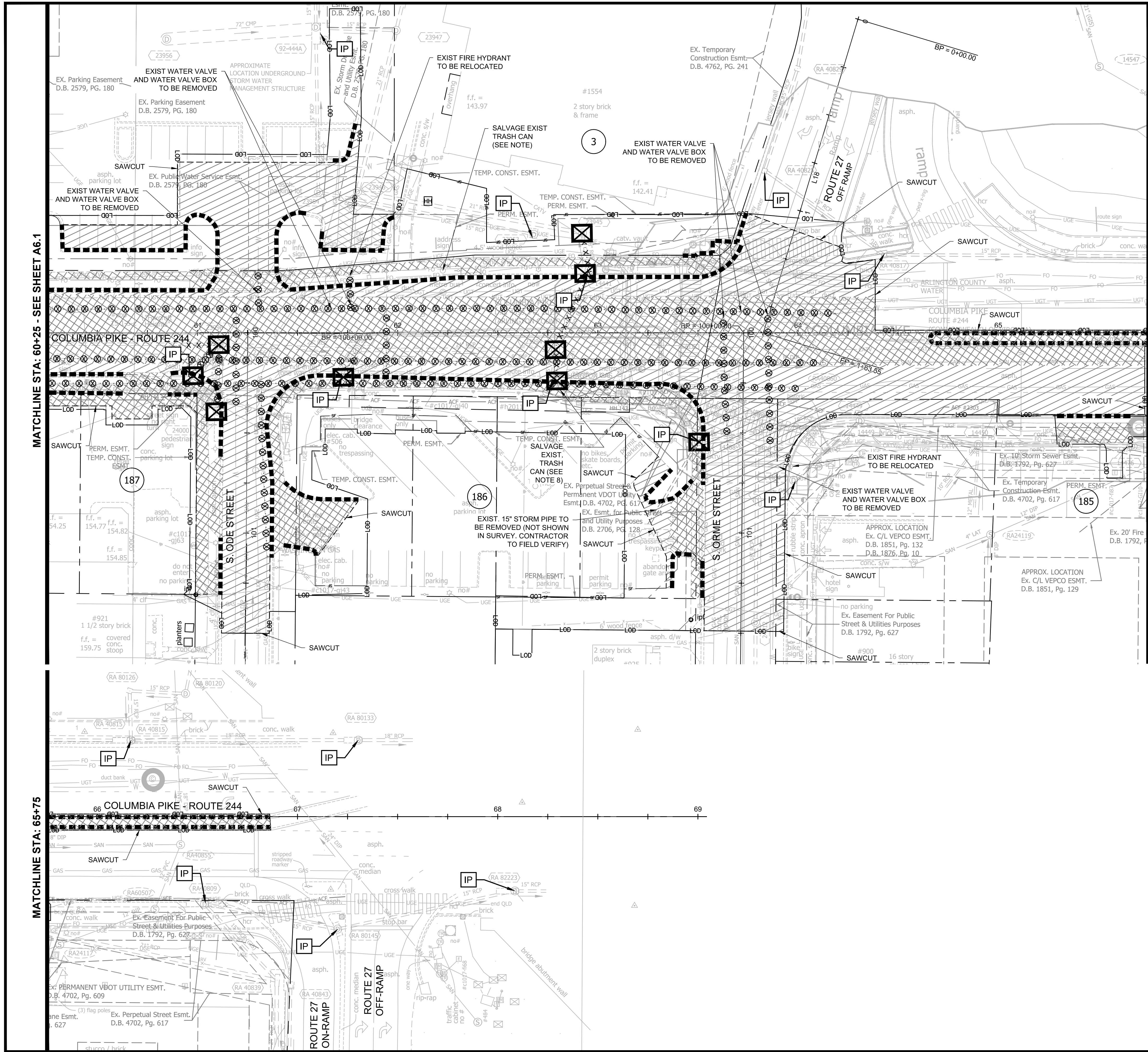
Revisions	Date

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Drawn: JLM
Checked: MRA
Miss Utility Transmittal #:

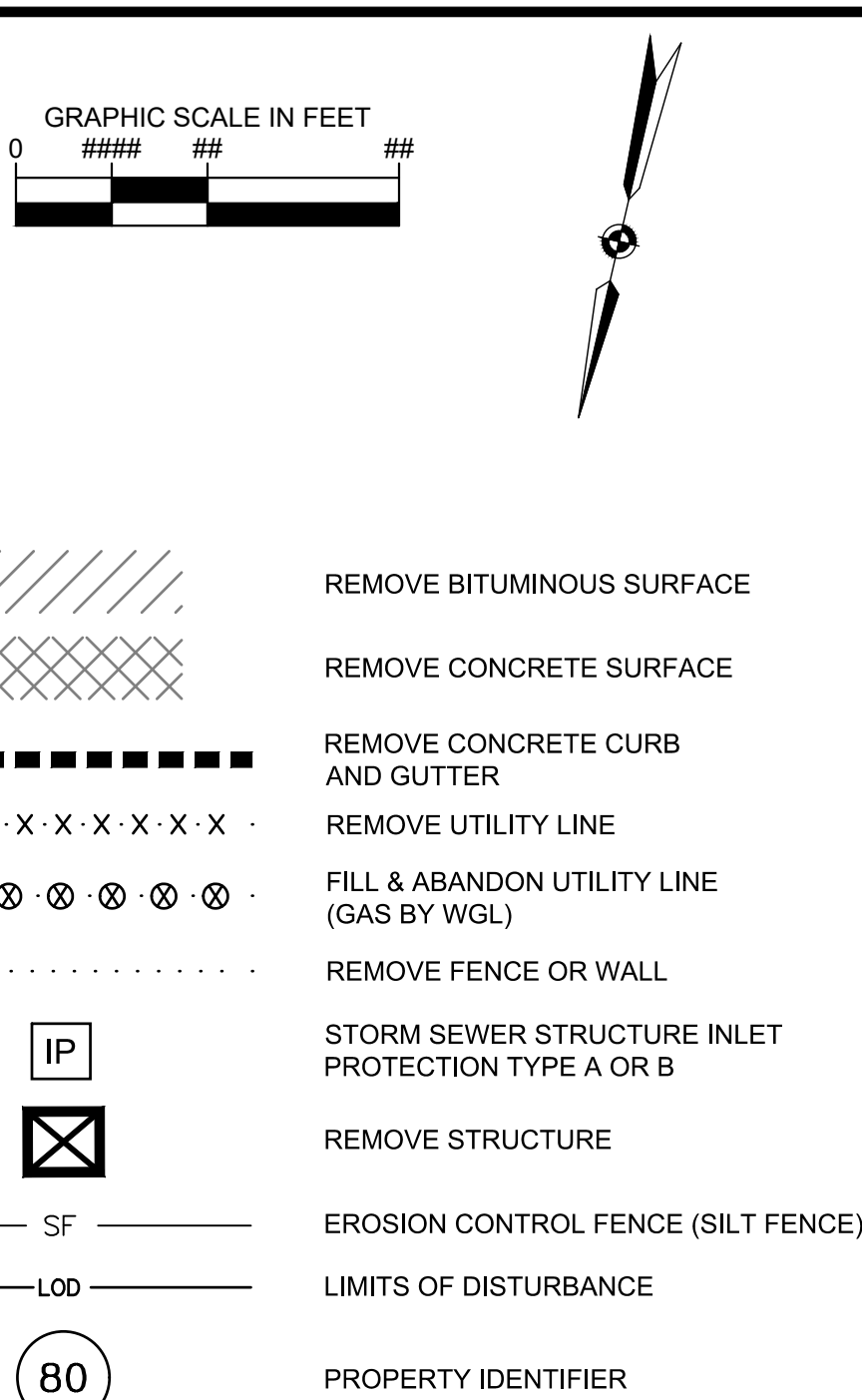
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Plotted: October 28, 2021
Plotted by: Patrick.Husted

ARLINGTON COUNTY, VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES
PHASE 1 EROSION CONTROLS & DEMOLITION PLAN
COLUMBIA PIKE - ROUTE 244
COLUMBIA PIKE - MULTIMODAL STREET IMPROVEMENTS
SEGMENT A
STA. 55+00 TO STA. 60+25

SCALE: HOR. 1" = 25' VERT. N/A SHEET: A6.1 of A6.1.1



MATCHLINE STA: 65+75



NOTES:

1. REMOVE TO REPLACE FENCE WITH NEW MATERIAL MATCHING THE ORIGINAL QUALITY OF THE FENCE UNLESS OTHERWISE SPECIFIED.
2. RELOCATE BUS SHELTER WITH MOT AS NEEDED WITH FINAL MOVE TO BE TO ARLINGTON COUNTY PROPERTY YARD FOR SALVAGE OR AS MARKED ON MOT PLAN. TEMPORARY SLAB REQUIRED FOR TEMPORARY LOCATIONS PER MOT PLAN.
3. SEE TREE PROTECTION PLAN FOR TREE REMOVAL, TREE PROTECTION AND ROOT PRUNING DETAILS.
4. EROSION AND SEDIMENT PROTECTION MEASURES SHOULD BE INSTALLED ONLY WHEN NEEDED FOR THE CONSTRUCTION ZONE. IF A PROTECTION MEASURE IS NOT IMPACTED BY THE CONSTRUCTION THEN IT SHOULD BE REMOVED.
5. SEE LIGHTING PLAN FOR DEMOLITION OF STREET LIGHTS.
6. SEE TRAFFIC SIGNALS PLAN FOR DEMOLITION OF TRAFFIC SIGNALS.
7. SEE SIGNING AND MARKING PLAN FOR LOCATIONS OF SIGNS TO BE REMOVED OR RELOCATED. COORDINATE RELOCATIONS WITH MOT AND ACTUAL CONSTRUCTION.
8. EXISTING TRASH CANS AND BIKE RACKS TO BE RETURNED TO COUNTY OR RELOCATED AS DIRECTED BY THE COUNTY.

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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11400 Commerce Park Drive, Suite 400
Reston, Virginia 20191
Phone: 703-474-1500
Fax: 703-474-1500

Seal

Approvals _____ Date _____

Design Team Engineer Supervisor _____

Construction Management Supervisor _____

Water, Sewer, Streets Bureau Chief _____

Transportation Director _____

Project Manager _____

Revisions	Date

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

Filename: 010073-A-DEMO.dwg
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Plotted: October 28, 2021
Plotted by: Patrick.Husted

ARLINGTON COUNTY, VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES

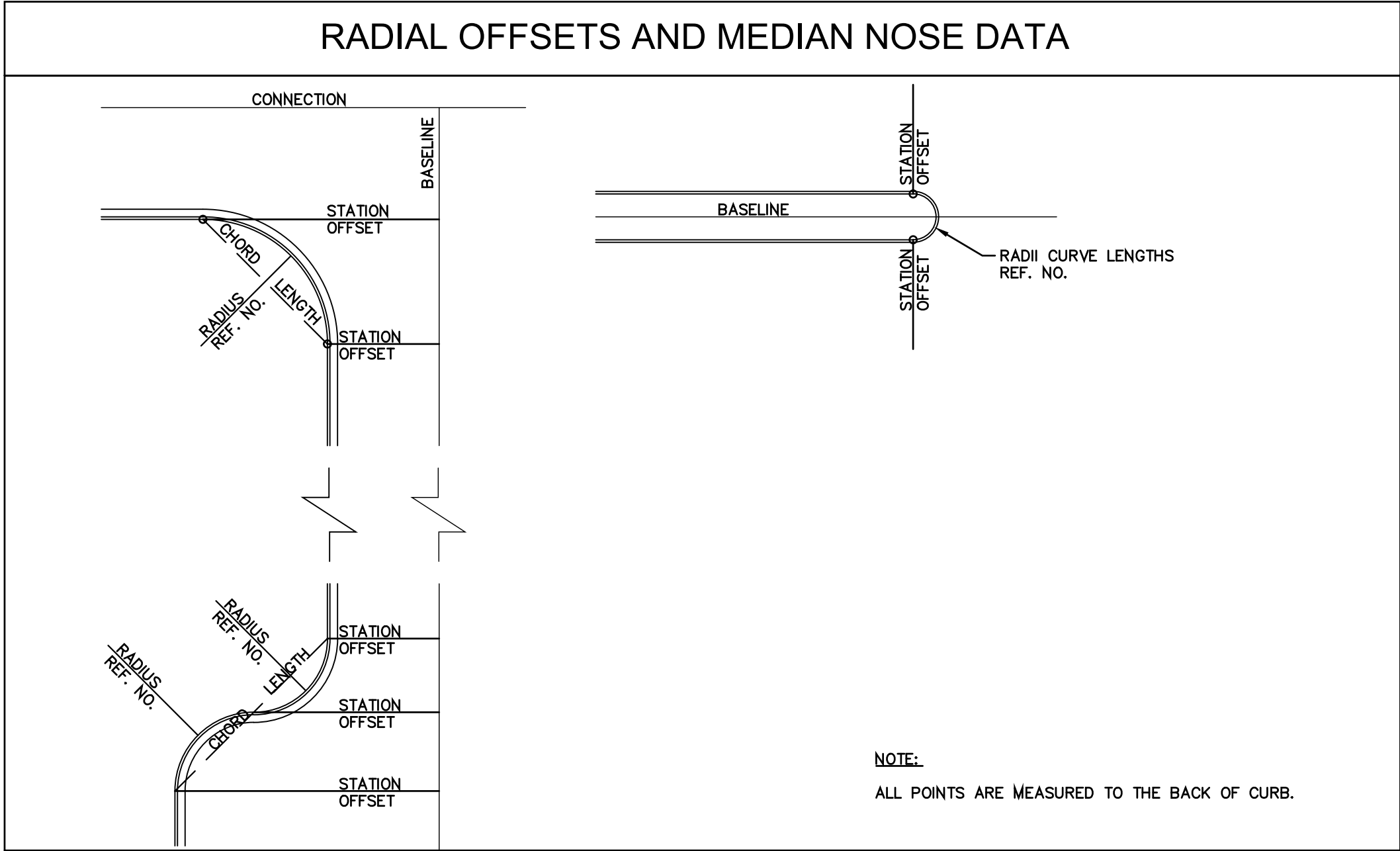
PHASE 1 EROSION CONTROLS & DEMOLITION PLAN
COLUMBIA PIKE - ROUTE 244
COLUMBIA PIKE - MULTIMODAL STREET IMPROVEMENTS
SEGMENT A
STA. 60+25 TO STA. 69+00

SCALE: HOR. 1" = 25' VERT. N/A SHEET: A6.1.1 of A6.1.1

RADIAL OFFSETS AND MEDIAN NOSE DATA							
NO.	PC BASELINE STATION	PC BASELINE OFFSET	PT CONNECTION STATION	PT CONNECTION OFFSET	RADIUS LENGTH	CHORD LENGTH	CURVE LENGTH
7.2-2	56+58.73	-67.65 LT	56+59.36	-62.17 LT	25	5.51	5.52
7.2-1	56+59.39	-38.52 LT	56+44.89	-24.00 LT	15	20.52	22.79
7.2-3	56+84.36	-38.33 LT	56+98.86	-24.00 LT	15	20.39	22.61
7.2-4	58+41.27	24.00 RT	58+65.77	48.60 RT	25	34.72	38.58
7.2-6	58+62.05	97.14 RT	58+65.53	100.61 RT	3	4.91	5.44
7.2-5	58+62.22	60.14 RT	58+65.73	56.63 RT	3	4.97	5.53
7.2-7	58+80.86	137.44 RT	58+85.33	141.96 RT	5	6.36	7.06
7.2-8	58+80.89	131.68 RT	58+81.71	130.34 RT	2	1.57	1.65
7.2-9	58+81.71	130.34 RT	58+89.95	119.39 RT	16	13.71	14.20
7.2-10	58+89.33	141.99 RT	58+90.85	140.50 RT	2	2.12	2.36
7.2-11	58+90.94	119.49 RT	58+89.95	119.39 RT	0	1.00	1.48
7.2-12	58+92.94	119.50 RT	58+96.96	115.48 RT	4	5.68	6.32
7.2-14	58+93.82	38.43 RT	59+08.32	24.00 RT	15	20.46	22.71
7.2-13	58+97.25	51.98 RT	58+93.77	48.46 RT	4	4.95	5.50
7.2-15	59+49.40	-24.00 LT	59+63.85	-37.20 LT	14	19.56	21.47
7.2-16	59+65.46	-55.12 LT	59+65.68	-59.97 LT	55	4.85	4.85
7.2-17	59+93.58	-38.50 LT	60+08.08	-24.00 LT	14	20.51	22.78
7.2-18	59+93.58	-51.34 LT	59+93.94	-55.54 LT	24	4.22	4.22
7.2-19	60+94.96	-53.51 LT	60+99.11	-58.05 LT	5	6.15	6.78
7.2-20	60+99.11	-58.05 LT	61+09.34	-48.55 LT	10	13.96	15.68
7.2-21	61+10.22	125.69 RT	61+13.38	116.43 RT	15	9.78	9.95
7.2-23	61+12.42	24.00 RT	61+16.92	28.53 RT	5	6.39	7.10
7.2-22	61+13.38	116.43 RT	61+16.33	107.77 RT	15	9.15	9.31
7.2-24	61+38.78	48.32 RT	61+63.28	24.00 RT	25	34.52	38.30
7.2-25	61+40.19	-47.37 LT	61+54.04	-58.76 LT	12	17.93	20.56
7.2-26	61+57.36	108.90 RT	61+58.85	110.40 RT	2	2.11	2.34

RADIAL OFFSETS AND MEDIAN NOSE DATA							
NO.	PC BASELINE STATION	PC BASELINE OFFSET	PT CONNECTION STATION	PT CONNECTION OFFSET	RADIUS LENGTH	CHORD LENGTH	CURVE LENGTH
7.2-27	61+58.37	77.91 RT	61+69.34	80.48 RT	25	11.27	11.36
7.2-28	61+69.34	80.48 RT	61+80.04	82.95 RT	25	10.98	11.07
7.2-29	61+71.79	-86.29 LT	61+74.78	-88.60 LT	3	3.78	4.09
7.2-30	61+93.76	-52.37 LT	61+97.17	-56.53 LT	4	5.38	5.77
7.2-31	63+19.47	73.14 RT	63+21.89	79.13 RT	4	6.46	8.24
7.2-34	63+33.39	36.98 RT	63+46.16	44.73 RT	14	14.93	15.80
7.2-33	63+34.18	26.11 RT	63+58.35	50.84 RT	25	34.58	38.39
7.2-32	63+34.76	111.76 RT	63+36.28	110.27 RT	2	2.12	2.36
7.2-35	63+48.45	-31.43 LT	63+70.69	-48.25 LT	24	27.88	29.66
7.2-36	64+68.50	0.19 RT	64+68.50	5.19 RT	2	5.00	7.85

NOTE:
ALL POINTS ARE MEASURED TO THE BACK OF CURB.



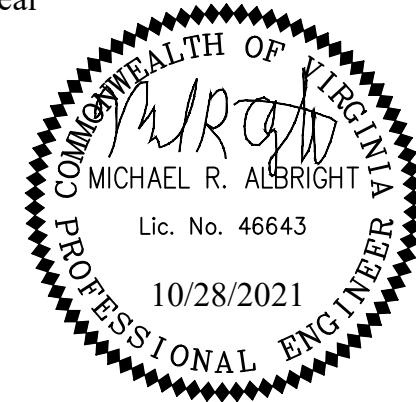
DEPARTMENT OF
ENVIRONMENTAL SERVICES

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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11400 Commerce Park Drive, Suite 400
Reston, Virginia 20190
Phone: 703-874-1500
Fax: 703-874-1500

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Approvals _____ Date _____

Design Team Engineer Supervisor _____

Construction Management Supervisor _____

Water, Sewer, Streets Bureau Chief _____

Transportation Director _____

Project Manager _____

Revisions _____ Date _____

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

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Plotted: October 28, 2021
Plotted by: Patrick.Husted

ARLINGTON COUNTY, VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES

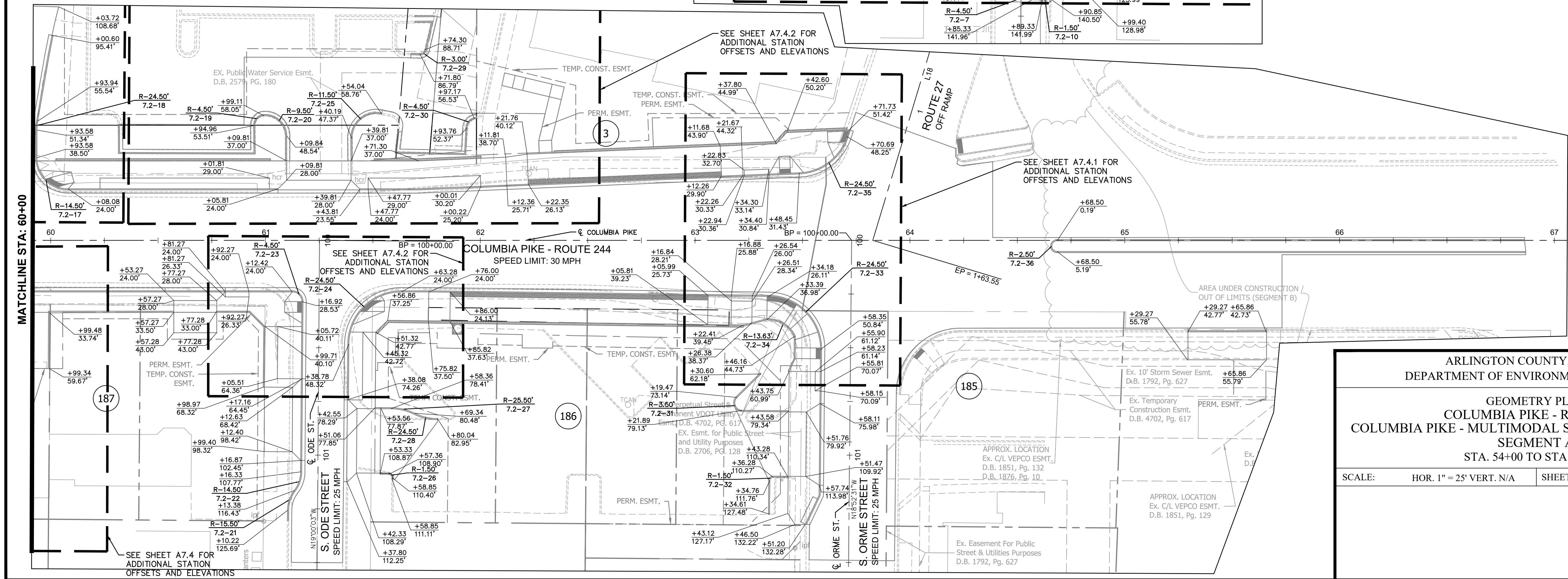
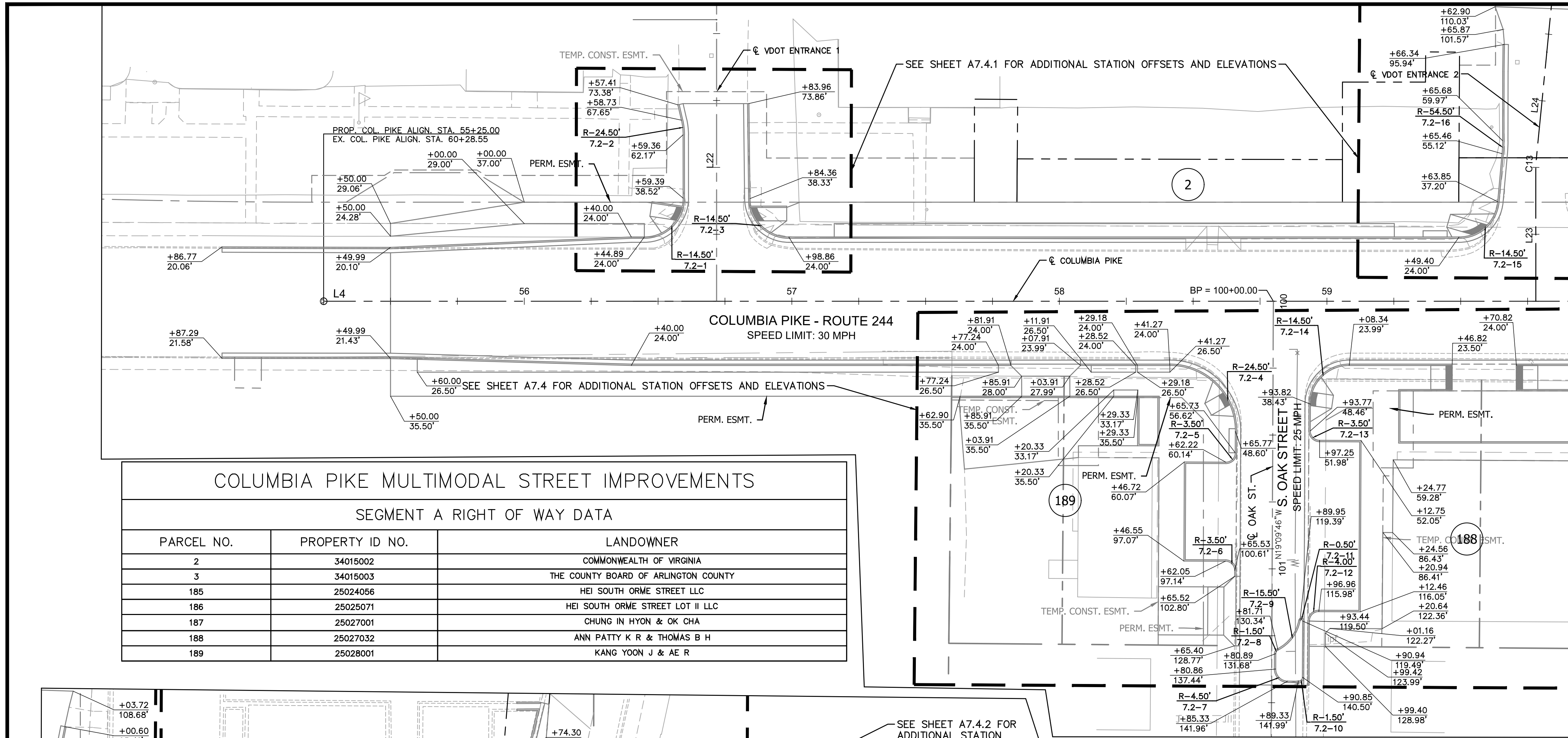
RADIAL OFFSETS AND MEDIAN DATA
COLUMBIA PIKE - ROUTE 244
COLUMBIA PIKE - MULTIMODAL STREET IMPROVEMENTS
SEGMENT A
S. OAK ST. TO S. ORME ST.

SCALE: HOR. N/A VERT. N/A SHEET: A7.1 of A7.4.2



DEPARTMENT OF
ENVIRONMENTAL SERVICES

11/23/2021
APPROVAL DATE

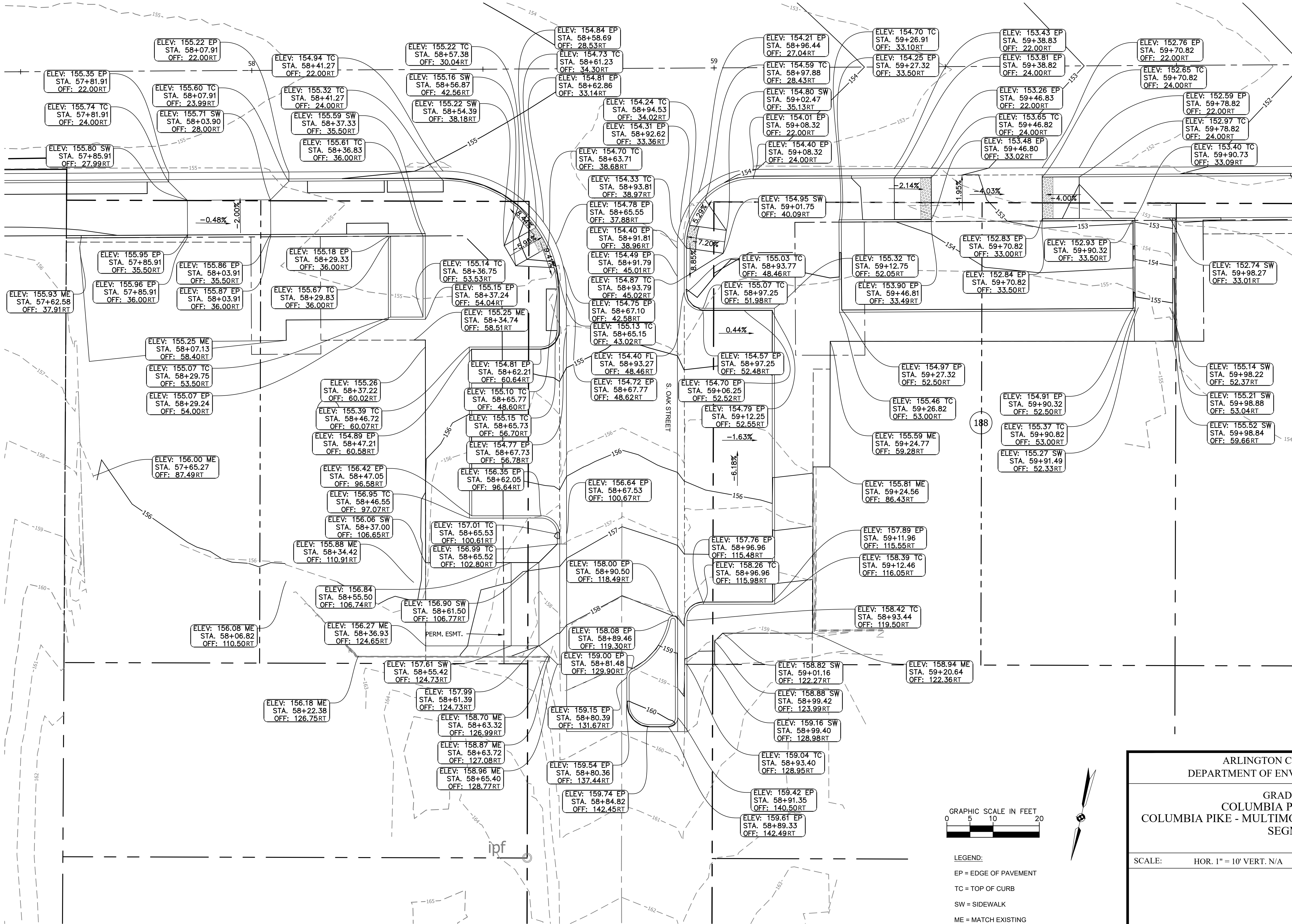


ARLINGTON COUNTY, VIRGINIA
DEPARTMENT OF ENVIRONMENTAL SERVICES

GEOMETRY PLAN
COLUMBIA PIKE - ROUTE 244
COLUMBIA PIKE - MULTIMODAL STREET IMPROVEMENTS
SEGMENT A
STA. 54+00 TO STA. 66+00

SCALE: HOR. 1" = 25' VERT. N/A SHEET: A7.2 of A7.4.2

COLUMBIA PIKE AT S. OAK STREET



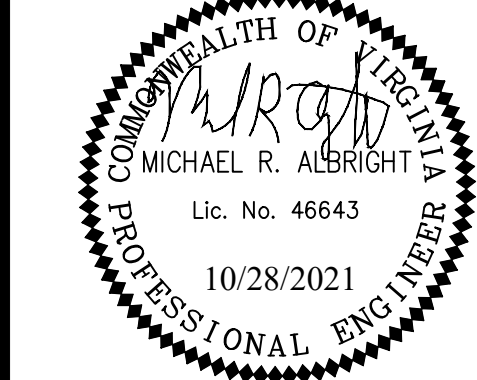
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ENVIRONMENTAL SERVICES

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

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Reston, Virginia 20191
Phone: 703-674-1300
Fax: 703-674-1300

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Approvals Date

Design Team Engineer Supervisor

Construction Management Supervisor

Water, Sewer, Streets Bureau Chief

Transportation Director

Project Manager

Revisions Date

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

Filename: 010073-A-GRADING PLAN.dwg
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Plotted: October 28, 2021
Plotted by: Patrick.Husted

ARLINGTON COUNTY, VIRGINIA DEPARTMENT OF ENVIRONMENTAL SERVICES	
GRADING PLAN COLUMBIA PIKE - ROUTE 244 COLUMBIA PIKE - MULTIMODAL STREET IMPROVEMENTS SEGMENT A	
SCALE: HOR. 1" = 10' VERT. N/A	SHEET: A7.4 of A7.4.2