US RT 17 WIDENING PHASE 1
30% ENGINEERS ESTIMATE - 127931
7/9/2026

PRELIMINARY ENGINEERING COSTS (PE)		
Design Fee (not including Construction Admin)	$	1,127,269
VDOT Oversight Costs (PE)	$	81,600
Water Quality Nutrient Credits	$	25,600
Wetland/Stream Mitigation Credits	$	-
Permitting Fees: EE Review	$	-
Permitting Fees: VSMP	$	2,700
Preconstruction Tasks: CTDR	$	-
Public Involvement Fees (postcards, newspaper, etc.)	$	-
PE Phase Contingency (35.0%)	$	433,009
PE Phase Total	**$**	**1,670,178**

RIGHT OF WAY & UTILITIES COSTS (RW)		
Right of Way Acquisition		
Right of Way: Acquisitions	$	698,514
Right of Way: Costs of Acquisition (Consultant fee)	$	180,000
RW Activities (estimate, title work, appraisals, etc.)	$	-
Right of Way: Contingency (35.0%)	$	307,480
VDOT Oversight Costs (RW)	$	14,200
Right of Way Acquisition Total	$	1,200,194
Utility Relocation Costs (to Project)		
Columbia Gas	$	100,000
Comcast	$	-
Dominion	$	-
Segra	$	-
Verizon	$	-
Utility Relocation Contingency (35.0%)	$	35,000
Utility Relocation Total	$	135,000
RW Phase Total	**$**	**1,335,194**

CONSTRUCTION COSTS		
Demolition, Sawcut, Earthwork	$	1,358,063
Drainage	$	1,075,648
Pavement, Stone, Curb & Cutter, Misc. Roadway Items	$	2,508,812
Signing / Pavement Marking / Maintenance of Traffic	$	353,387
Erosion and Sediment Control / Seeding	$	269,548
Landscaping	$	-
Water	$	-
Sewer	$	-
Signals	$	530,873
Lighting	$	-

Structure & Bridge	$	-
Sub-Total A:	**$**	**6,096,330**

OTHER CONSTRUCTION BID COSTS		
Mobilization for Sub-Total A (Calculated per VDOT formulas)	$	334,816
Construction Survey/Staking	$	60,963
Materials Testing (4.0%)	$	243,853
Sub-Total B:	**$**	**639,633**
Expected Bid Total (A + B):	**$**	**6,735,963**

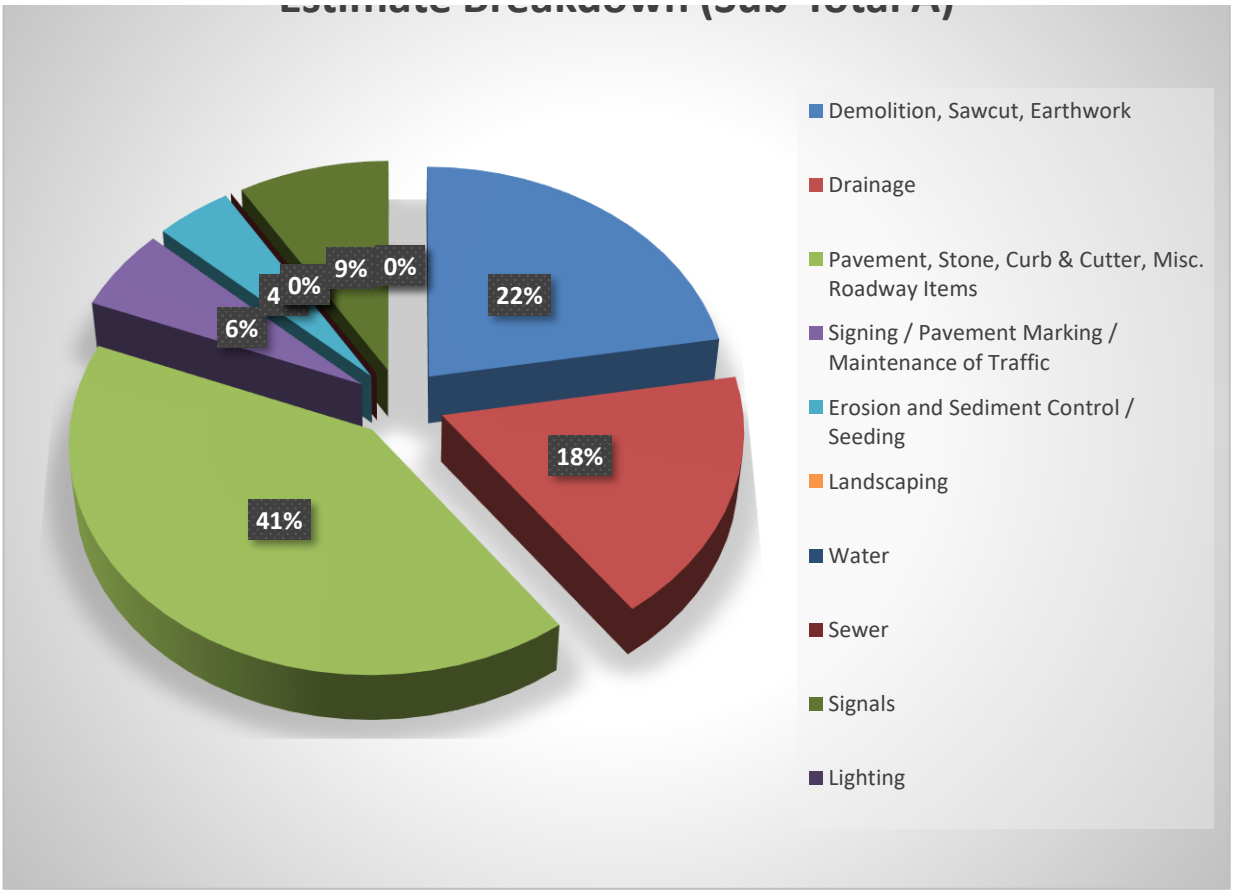
CONTINGENCY		
Management Reserve / Construction Contract Contingency (10.0%)	$	673,596
Contract Requirements - Incentive/Disincentive (0.0%)	$	-
Contingency (exclusive of above two items) (25.0%)	$	1,683,991
Sub-Total C (Total Contingency = 35.0%):	**$**	**2,357,587**
Budget Including Contingency (A + B + C):	**$**	**9,093,550**

CONSTRUCTION PHASE COSTS		
Water & Sewer Inspection	$	-
Railroad	$	-
VDOT Oversight Charges (CN)	$	62,200
Construction Administration	$	100,000
Inspection Services	$	1,818,710
Sub-Total D:	**$**	**1,980,910**
Budget for Construction Phase Total (A + B + C + D):	**$**	**11,074,460** CN

SUMMARY (Current Dollars)		
Preliminary Engineering (PE)	**$**	**1,670,178**
Right of Way (RW)	**$**	**1,335,194**
Construction (CN)	**$**	**11,074,460**
TOTAL COMBINED PROJECT BUDGET:	**$**	**14,079,832**

INFLATED ESTIMATE SUMMARY		
Preliminary Engineering (PE) - No inflation (current dollars)	**$**	**1,670,178**
Right of Way (RW) - FY 2029 Dollars	**$**	**1,416,507**
Construction (CN) - FY 2031 Dollars (with CEI)	**$**	**12,464,402**
TOTAL COMBINED PROJECT BUDGET (2030 Dollars):	**$**	**15,551,087**

Estimate Breakdown (Sub-Total A)


22%
18%
41%
6%
4
0%
9%
0%
Demolition, Sawcut, Earthwork
Drainage
Pavement, Stone, Curb & Cutter, Misc. Roadway Items
Signing / Pavement Marking / Maintenance of Traffic
Erosion and Sediment Control / Seeding
Landscaping
Water
Sewer
Signals
Lighting

US RT 17 WIDENING PHASE 1

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ITEM #	DESCRIPTION	UNIT	EST. QUANTITY	UNIT PRICE ($)	AMOUNT ($)
	Demolition, Sawcut, Earthwork				
301SD20-0002	CLEARING AND GRUBBING	ACRE	6	$51,000	$305,271
303SD20-0001	REGULAR EXCAVATION	CY	3567	$214	$763,124
305SD20-0001	BORROW EXCAVATION	CY	68	$78	$5,281
303SD20-0006	EXTRA EXCAVATION	CY	3349	$71	$238,047
315SD20-0104	SAW-CUT ASPHALT CONCRETE	LF	3679	$9	$33,113
508SD20-0004	DEMO. OF PAVEMENT FLEXIBLE	SY	370	$36	$13,227
				Demolition, Sawcut, Earthwork Total:	$1,358,063
	Drainage				
303SD20-0016	MINOR STR. EXCAV. PIPE CULVERT	CY	0	$77	$0
302SD20-0013	ENDWALL EW-12	EA	1	$1,858	$1,858
302SD20-0027	15" STORM SEWER PIPE	LF	73	$198	$14,418
302SD20-0032	18" STORM SEWER PIPE	LF	1022	$258	$264,085
302SD20-0041	24" STORM SEWER PIPE	LF	1056	$272	$287,401
302SD20-0061	36" STORM SEWER PIPE	LF	156	$409	$63,788
302SD20-0072	48" STORM SEWER PIPE	LF	46	$396	$18,213
302SD20-0198	15" END SECTION ES-1 OR 2	EA	6	$2,031	$12,187
302SD20-0237	DROP INLET DI-1	EA	2	$7,739	$15,477
302SD20-0312	DROP INLET DI-3B,L=6'	EA	17	$8,720	$148,247
302SD20-0329	DROP INLET DI-3C,L=6'	EA	2	$10,023	$20,046
302SD20-0662	MANHOLE MH-1 OR 2	LF	18	$1,630	$29,340
302SD20-0663	FRAME & COVER MH-1	EA	3	$1,298	$3,893
414SD20-0003	EROSION CTRL. STONE CL. I, EC-1	TON	33	$185	$6,168
414SD20-0007	DRY RIPRAP CL. AI	SY	67	$111	$7,455
501SD20-0004	UNDERDRAIN UD-4	LF	3117	$31	$97,998
501SD20-0006	CROSSDRAIN CD-1	LF	152	$47	$7,149
606SD20-0001	ROLLED EROSION CTRL PRODUCT EC-2 TYPE 1	SY	212	$7	$1,448
302SD20-0673	STORMWATER MAN.DRAIN.STR.SWM-1	LF	25	$3,079	$76,476
				Drainage Total:	$1,075,648
	Pavement, Stone, Curb & Cutter, Misc. Roadway Items				
315SD20-0001	ASPHALT CONCRETE TY. SM-12.5A CONST	TON	2045	$310	$633,930
315SD20-0004	ASPHALT CONCRETE TY. IM-19.0A CONST	TON	2045	$317	$648,858
315SD20-0010	ASPHALT CONCRETE BM-25.0	TON	685	$246	$168,318
308SD20-0012	AGGR. BASE MATL. TY. I NO. 21B	TON	3020	$87	$261,713
502SD20-0011	CURB, STD. CG-2	LF	48	$81	$3,859
502SD20-0022	COMB. CURB & GUTTER, STD. CG-6	LF	3117	$88	$274,825
504SD20-0002	CG-12 DETECTABLE WARNING SURFACE	SY	71	$803	$57,009
503SD20-0002	R/W MONUMENT RM-2	EA	50	$430	$21,515
504SD20-0003	HYDR. CEMENT CONC. SIDEWALK 4"	SY	2540	$173	$438,785
				Pavement, Stone, Curb & Cutter, Misc. Roadway Items Total:	$2,508,812
	Signing / Pavement Marking / Maintenance of Traffic				
512SD20-0014	TEMPORARY SIGN	SF	0	$35	$0
512SP20-0002	MAINTENANCE OF TRAFFIC	LS	1	$300,000	$300,000
704SD20-0006	TYPE B CLASS I PVMT LINE MRKG 4"	LF	7512	$4.15	$31,175
704SD20-0007	TYPE B CLASS I PVMT LINE MRKG 6"	LF	217	$4.44	$965
704SD20-0008	TYPE B CLASS I PVMT LINE MRKG 8"	LF	1020	$5.20	$5,304

US RT 17 WIDENING PHASE 1

30% ENGINEERS ESTIMATE - 127931 **7/9/2026**

ITEM #	DESCRIPTION	UNIT	EST. QUANTITY	UNIT PRICE ($)	AMOUNT ($)
704SD20-0010	TYPE B CLASS I PVMT LINE MRKG 24"	LF	333	$21	$7,065
704SD20-0045	PVMT SYMB MRKG THRU ARROW TY B, CL II	EA	8	$529	$4,232
704SD20-0047	PVMT SYMB MRKG SGL TURN ARR. TY B CL I	EA	14	$195	$2,730
704SD20-0051	DBL TURN ARR.THRU/LT OR RT TY B, CL II	EA	2	$958	$1,916
				Signing / Pavement Marking / Maintenance of Traffic Total:	$353,387
	Erosion and Sediment Control / Seeding				
602SD20-0001	TOPSOIL CLASS A 2"	ACRE	2	$26,016	$42,145
603SD20-0002	TEMPORARY SEED	LB	162	$20	$3,261
603SD20-0002	TEMPORARY SEED	LB	243	$20	$4,892
603SD20-0003	REGULAR SEED	LB	243	$25	$5,968
603SD20-0004	OVERSEEDING	LB	194	$20	$3,967
603SD20-0005	LEGUME SEED	LB	13	$41	$534
603SD20-0006	LEGUME OVERSEEDING	LB	10	$39	$394
603SD20-0007	HYDRAULIC EROSION CONTROL PRODUCT TYPE 1	SY	6841	$2.02	$13,819
603SD20-0008	HYDRAULIC EROSION CONTROL PRODUCT TYPE 2	SY	2932	$2.26	$6,626
603SD20-0009	HYDRAULIC EROSION CONTROL PRODUCT TYPE 3	SY	7819	$5.57	$43,552
603SD20-0014	FERTILIZER NITROGEN - N	LB	155	$11	$1,651
603SD20-0015	FERTILIZER PHOSPHOROUS - P	LB	213	$11	$2,296
603SD20-0016	FERTILIZER POTASSIUM - K	LB	107	$12	$1,237
603SD20-0017	LIME	TON	7	$517	$3,760
303SD20-0022	CHECK DAM ROCK TY. I	EA	0	$1,206	$0
303SD20-0023	CHECK DAM ROCK TY. II	EA	10	$784	$7,844
303SD20-0029	SILTATION CONTROL EXCAVATION	CY	619	$24	$15,147
303SD20-0030	INLET PROTECTION TYPE A	EA	2	$558	$1,116
303SD20-0031	INLET PROTECTION TYPE B	EA	19	$449	$8,532
303SD20-0033	TEMP. SILT FENCE TYPE B	LF	0	$9.71	$0
303SD20-0034	TEMP. SILT FENCE TYPE A	LF	3001	$8.61	$25,840
303SD20-0036	STORM WATER MAN. BASIN EXCAV.	CY	0	$44	$0
302SD20-0673	STORMWATER MAN.DRAIN.STR.SWM-1	LF	25	$3,079	$76,969
				Erosion and Sediment Control / Seeding Total:	$269,548
	Landscaping				
				Landscaping Total:	$0
	Water				
				Water Total:	$0
	Signals				
510SX20-0040	NS REMOVE EXIST. (PUSH BUTTON)	EA	1	$1,000	$1,000
510SX20-0042	NS RELOCATE (COMM. ANTENNA & MAST)	EA	1	$1,280	$1,280
510SX20-0042	NS RELOCATE (VIDEO DETECTION CAMERA)	EA	1	$1,000	$1,000
510SX20-0031	NS MODIFY EXIST. (CONTROLLER CABINET)	EA	3	$5,500	$16,500
701SD20-0001	SIGN PANEL	SF	130	$55.00	$7,150
700SD20-0060	ELECTRICAL SERVICE SE-5	EA	1	$6,000.00	$6,000
703SD20-0007	TRAF. SIG. HEAD SECT. 12" HVS BACKPLATE	EA	39	$535.00	$20,865
703SD20-0011	PEDESTRIAN ACTUATION PA-2	EA	4	$1,700	$6,800

US RT 17 WIDENING PHASE 1

30% ENGINEERS ESTIMATE - 127931 **7/9/2026**

ITEM #	DESCRIPTION	UNIT	EST. QUANTITY	UNIT PRICE ($)	AMOUNT ($)
703SD20-0012	PEDESTRIAN ACTUATION PA-3	EA	4	$2,400	$9,600
703SD20-0013	PEDESTRIAN ACTUATION PA-4	EA	1	$3,400	$3,400
700SD20-0066	PEDESTAL POLE PF-2, 10'	EA	4	$1,400	$5,600
700SD20-0068	CONC. FOUND. PF-8	CY	40	$2,900	$116,000
700SD20-0069	CONC. FOUND. PF-2	EA	4	$1,850	$7,400
700SD20-0091	SIGNAL MAST ARM POLE MP-3, TY. B1	EA	1	$21,000	$21,000
700SD20-0094	SIGNAL MAST ARM POLE MP-3, TY. D	EA	1	$17,000	$17,000
700SD20-0095	SIGNAL MAST ARM POLE MP-3, TY. E1	EA	2	$21,000	$42,000
700SD20-0099	MAST ARM 40'	EA	1	$7,100	$7,100
700SD20-0100	MAST ARM 49'	EA	1	$9,800	$9,800
700SD20-0101	MAST ARM 60'	EA	1	$12,250	$12,250
700SD20-0104	MAST ARM 75', CASE 1 LOADING	EA	1	$19,000	$19,000
703SD20-0024	EVP DETECTOR CABLE	LF	2150	$4	$8,063
703SD20-0025	AUX. PREEMPTION OPTICAL DET.	EA	3	$1,550	$4,650
700SD20-0112	14/4 CONDUCTOR CABLE	LF	1400	$4	$5,600
700SD20-0114	14/7 CONDUCTOR CABLE	LF	2950	$4	$11,800
700SX20-0007	NS CONDUCTOR CABLE	LF	300	$3	$990
700SD20-0120	14/2 CONDUCTOR CABLE SHIELDED	LF	1400	$2	$2,800
703SD20-0036	HANGER ASSEMBLY SMB-1, ONE WAY	EA	3	$300	$900
703SD20-0037	HANGER ASSEMBLY SMB-2, ONE WAY	EA	2	$490	$980
703SD20-0039	HANGER ASSEMBLY SMB-3, ONE WAY	EA	3	$500	$1,500
703SX20-0004	NS HANGER ASSEMBLY (SM-3, IN-LINE)	EA	12	$375	$4,500
703SX20-0004	NS HANGER ASSEMBLY (SMD-2)	EA	15	$290	$4,350
703SD20-0042	LOOP SAW CUT 3/8"	LF	2000	$15	$30,000
703SD20-0043	LOOP SAW CUT 5/8"	LF	350	$27	$9,450
703SD20-0044	REMOVE EXISTING POLE	EA	7	$1,325	$9,275
703SD20-0045	REMOVE EXISTING FOUNDATION	EA	4	$2,700	$10,800
703SD20-0046	REMOVE EXISTING SIGNAL HEAD	EA	1	$340	$340
703SD20-0048	REMOVE EXISTING MANHOLE/JUNCTION BOX	EA	6	$500	$3,000
510SX20-0070	NS INSTALL (SIGN - MAST ARM)	EA	1	$400	$400
700SX20-0010	NS TRAFFIC SIGNALIZATION	EA	5	$350	$1,750
703SD20-0060	PEDESTRIAN SIGNAL HEAD SP-8	EA	8	$1,150	$9,200
700SX20-0030	NS LUMINAIRE ARM	EA	2	$1,700	$3,400
705SX20-0001	NS LUMINAIRE	EA	2	$950	$1,900
700SD20-0177	JUNCTION BOX JB-S1	EA	6	$1,500	$9,000
700SD20-0181	ELECT. SER. GRD. ELECTRODE 10'	EA	4	$250	$1,000
700SD20-0193	BORED CONDUIT 4"	LF	425	$54	$22,950
700SD20-0194	CONDUIT PVC 2"	LF	360	$13	$4,680
700SD20-0196	CONDUIT PVC 4"	LF	450	$18	$8,100
700SD20-0197	TRENCH EXCAVATION ECI-1	LF	550	$25	$13,750
700SD20-0199	TEST BORE	EA	4	$3,750	$15,000
				Signals Total:	$530,873
	Lighting				
				Lighting Total:	$0
	Structure & Bridge				
				Structure & Bridge Total:	$0