

SYIP PROJECTS
DETAILED PROJECT COST ESTIMATE SUMMARY
(Version 1.0: April 1 2022)

Portal ID:	Clifton Streetscape		Project UPC:	109949
Prepared By:	Carlos Ayala		Milestone:	Pre Adv. Conference
Reviewed By:	Jonathan Wilfong			
Project Location:	County	Fairfax County (29)	Tier Level:	1
Project Complexity Classification	Non-Complex (Minor)		Estimate Type:	Smart Portal

Preliminary Engineering Phase ⁷ Do not enter a negative value for defined or allowance; Ensure input where required. If no value then enter "0"

Project Estimate Component		Defined(\$)	Allowance*			Total
Discipline	Source					
Roadway	Consultant	\$ 99,488.33				\$ 99,488.33
Hydraulics	Consultant	\$ 24,855.52				\$ 24,855.52
Utilities	Consultant	\$ 5,985.76				\$ 5,985.76
Traffic	Consultant					\$ -
Structures/Bridges	Select					\$ -
Materials/Geotech	Select					\$ -
Survey/SUE/Quality Level A SUE	Consultant	\$ 1,203.30				\$ 1,203.30
Environmental	Select					\$ -
Right of Way	Select					\$ -
Other	Other	\$ 200,149.62				\$ 200,149.62
VDOT Project PE Oversight	Other					\$ -
VDOT PE Oversight on Local Assistance Projects	Total entered from LAD Spreadsheet					\$ 83,000.00
	SUBTOTAL PE PHASE ESTIMATE (Without Contingency)	\$ 331,682.53	\$ -	Select Phase Risk Type Below	Contingency	
Phase Risk Type and Contingency (Value of Risk): Use only if applying <u>one</u> contingency to entire phase. For Type 1 enter % amount; For Type 2 enter \$ amount				Select		
TOTAL PE PHASE ESTIMATE						\$ 414,682.53

Phase dates (XX/XX/XXXX)	PE Base Estimate Date	5/26/2023
	Start Date	12/1/2023
	End Date	8/1/2024

Right-of-Way & Utilities Phase

Do not enter a negative value for defined or allowance costs; For Contingency Values please refer to the ROW Cost Estimate Guide Section 2

Discipline	Source	Defined (\$)	Allowance*	Select Phase Risk Type Here (when using different contingency values for each discipline)	Contingency (Value of Risk)	Total
Right-of-Way Acquisition	Other	\$ 48,000.00				\$ 48,000.00
Utilities	Other	\$ 713,274.09	\$ 66,988.00			\$ 780,262.09
VDOT Project RW Oversight	Select					\$ -
VDOT RW/UT Oversight on Local Assistance Projects	Total entered from LAD Spreadsheet					\$ 5,000.00
SUBTOTAL RW PHASE ESTIMATE (Without Contingency)		\$ 761,274.09	\$ 66,988.00	RW Contingency:	0.00%	
Use only if applying <u>one</u> contingency to entire phase. For Type 1 enter % amount; For Type 2 enter \$ amount				Type 1 Percentage		\$ -
TOTAL RW PHASE ESTIMATE						\$ 833,262.09
Phase dates (XX/XX/XXXX)	RW Base Estimate Date	5/26/2023				
	Start Date	5/26/2023				
	End Date	9/30/2026				

Construction Phase							Do not enter a negative value for defined or allowance costs; Ensure input where required. If no value then enter "0"; "0" will result in a gray cell; Total shown is dependent on Risk Type (Phase or Discipline)	
Discipline	Source	Defined (\$)	Allowance*	Discipline Risk Type (Use when selecting many)	Contingency of Risk	(Value)	Total	
Mobilization/Constr. Survey	R/W Plans	\$ 78,067.25	Input Req'd	Select			\$ 78,067.25	
MOT	Similar Project	Input Req'd	\$ 152,695.69	Select			\$ 152,695.69	
Roadway	R/W Plans	\$ 436,013.45	Input Req'd	Select			\$ 436,013.45	
Hydraulics	R/W Plans	\$ 100,297.25	Input Req'd	Select			\$ 100,297.25	
In-plan Utilities	R/W Plans	\$ 3,960.05	Input Req'd	Select			\$ 3,960.05	
Traffic	R/W Plans	\$ 14,115.87	Input Req'd	Select			\$ 14,115.87	
Structures/Bridges	Select	Input Req'd	Input Req'd	Select			\$ -	
Earthwork/Geotech	R/W Plans	\$ 2,768.88	Input Req'd	Select			\$ 2,768.88	
Environmental/Soundwalls	Select	Input Req'd	Input Req'd	Select			\$ -	
Other	R/W Plans	\$ 70,674.35	Input Req'd	Select			\$ 70,674.35	
	Total Bid Items	\$ 705,897.10	\$ 152,695.69				\$ 858,592.79	
VDOT Project CN Oversight	Select		Input Req'd	Select			\$ -	
VDOT CN Oversight on Local Assistance Projects	Total entered from LAD Spreadsheet						\$ 30,000.00	
						Oversight Total	\$ 30,000.00	
Construction Contract Contingency Per IIM-LD-249	5.00%	Cell C61 is multiplied by the Total Bid Items Cost (D57+ E57) to get H61					\$ 42,929.64	
Railroad Flagging/Coordination		\$ -	\$ -	Select			\$ -	
State Forces		\$ -	\$ -	Select			\$ -	
State Police		\$ -	\$ -	Select			\$ -	
Contract Requirements (Incentive/Disincentive; 5% max)	0	Cell C65 is multiplied by the Total Bid Items Cost (D57+ E57) to get H65					\$ -	
Total Non-Bid Items		\$ -	\$ -				\$ 42,929.64	
				Phase Risk Type and Contingency (Value of Risk):				
Use only if applying <u>one</u> contingency to entire phase. For Type 1 enter % amount; For Type 2 enter \$ amount				Type 1 Percentage	10.00%		\$ 85,859.28	
See Section 5.4.3 in PreCON Manual						Total CN Estimate without CEI	\$ 1,017,381.71	

Construction Engineering (CEI) Source:		Lump Sum	CEI is dependent on the Lump Sum input in Columns D and E by estimator			
CEI Environmental Inspection (Enter Lump Sum)				Select		
CEI VDOT or Locality (Enter Lump Sum)	\$ 272,705.16	\$ 272,705.16		Type 1 Percentage	10.00%	\$ 299,975.68
CEI Oversight Costs (Enter Lump Sum)				Select		
Total CEI						\$ 299,975.68
Total CN Estimate						\$ 1,317,357.38
Phase dates (XX/XX/XXXX)	CN Base Estimate Date	5/26/2023				
	Start Date	5/31/2027				
	End Date	11/27/2028				
TOTAL PROJECT COST ESTIMATE (excluding inflation) (PE+RW+CN)						\$ 2,565,302.00

Total Project Cost Estimate Summary				Date of Current Cost	Inflation Factors	Future Cost (including inflation)
				5/26/2023		
Phase	Estimate (\$) without LAP OVERSIGHT COST	Contingency (\$)		Total Phase*	Inflation**	Total Cost***
PE Phase Estimate	\$ 331,682.53	\$ -		\$ 414,682.53	1.0609	\$ 439,936.70
RW Phase Estimate	\$ 828,262.09	\$ -		\$ 833,262.09	1.0300	\$ 858,259.95
CN Phase Estimate(without CEI)	\$ 901,522.43	\$ 85,859.28		\$ 1,017,381.71	1.2003	\$ 1,221,120.16
Total CEI	\$ 272,705.16	\$ 27,270.52		\$ 299,975.68	1.2003	\$ 360,048.09
CN Phase Estimate(with CEI)	\$ 1,174,227.59	\$ 113,129.80		\$ 1,317,357.38	1.2003	\$ 1,581,168.25
Total Estimate	\$ 2,334,172.21	\$ 113,129.80		\$ 2,565,302.00		\$ 2,879,364.90

* Use combined Defined, Allowance, Contingency Costs and LAP Oversight. Total Phase includes Oversight Costs and Contract Requirements.

** Inflation rates taken from SMART Portal.

*** Total Costs should match with total costs output from SMART Portal.

Base Estimate Dollar amounts for SMART PORTAL entry:		Risks/Contingency/Unknowns Dollar amounts for SMART PORTAL entry	
PE Base Estimate =	\$ 414,682.53	PE Phase Risk/Contingency/Unknowns =	\$ -
RW Base Estimate =	\$ 833,262.09	RW Phase Risk/Contingency/Unknowns =	\$ -
CN Base Estimate =	\$ 931,522.43	CN Phase Estimate Risk/Contingency =	\$ 85,859.28
		CEI amount =	\$ 299,975.68