

Preliminary Cost Estimate North Main & Dodd Street Intersection Re-Alignment

Chase City, Virginia

November 8th, 2022

Item	Quantity	Unit	Cost/Unit	Cost
<u>Demolition</u>				
Mobilization	1	EA	\$20,000	\$20,000
Timbering, Clearing, and Brush Removal	1	EA	\$8,500	\$8,500
Retaining Wall Demo & Removal	1	EA	\$15,000	\$15,000
Sidewalk Removal / Disposal	40	SQYD	\$40	\$1,600
Curb & Gutter Removal / Disposal	75	LFT	\$18	\$1,350
Asphalt Sawcut	75	LFT	\$10	\$750
Asphalt Removal / Disposal	400	SQYD	\$15	\$6,000
Grading & Earthwork Haul	1	LS	\$12,500	\$12,500
			Subtotal	\$65,700
<u>Intersection Improvements</u>				
Curb & Gutter (CG-6)	85	LFT	\$75	\$6,375
Sidewalk	35	SQYD	\$125	\$4,375
Concrete Entrance (CG-9D)	40	LFT	\$250	\$10,000
ADA Sidewalk Ramps (CG-12)	2	EA	\$2,500	\$5,000
VDOT 21A Stone Base	140	TON	\$75	\$10,500
VDOT BM-25 (Base Asphalt Mix)	145	TON	\$185	\$26,825
VDOT SM-9.5A (1.5" Surface Mix)	145	TON	\$200	\$29,000
Fine Grading & Minor Earthwork	1	LS	\$5,000	\$5,000
Erosion & Sediment Control	1	LS	\$3,500	\$3,500
			Subtotal	\$100,575
<u>General</u>				
Traffic Maintenance	1	LS	\$15,000	\$15,000
Construction Staking	1	LS	\$8,500	\$8,500
Engineering (Design)	1	LS	\$4,500	\$4,500
Boundary Plat / ROW Dedication	1	LS	\$500	\$500
			Subtotal	\$28,500
			Construction Subtotal	\$194,775
			20% Contingencies	\$38,955
			Construction Subtotal	\$233,730
Engineering Construction Administration (2.5%)				\$5,843
Inspections & Inspections (Geotechnical) (1.5%)				\$3,506
			Project Total	\$243,079