

North Carolina Department of Transportation
Preliminary Estimate

TIP No.
Route
From
Typical Section

TIP Number
Youngsville By-Pass Alt 1

Conceptual

County: _____

CONSTR. COST
\$13,794,406

Prepared By: APW
Requested By:
Priced By:

Date
5/20/2024

Line Item	Des	Sec No.	Description	Quantity	Unit	Price	Amount
			Mobilization	1	LS	\$ 438,000.00	\$ 438,000.00
			Construction Surveying	1	LS	\$ 86,900.00	\$ 86,900.00
			Clearing and Grubbing	8.7	Acre	\$ 66,000.00	\$ 574,200.00
			Supplemental Clearing and Grubbing	1	Acre	\$ 10,000.00	\$ 10,000.00
			Earthwork				
			Unclassified Excavation	14,500	CY	\$ 23.00	\$ 333,500.00
			Borrow Excavation	1,470	CY	\$ 20.00	\$ 29,400.00
			Removal of Existing Pavement (Asphalt or Concrete)	0	SY	\$ 16.00	\$ -
			Drainage				
			Drainage New Location: -L- Youngsville Bypass C&G & Shoulder	0.53	Miles	\$ 730,000.00	\$ 387,121.21
			Drainage Existing Location -Y- Alignments Shoulder	0.49	Miles	\$ 80,000.00	\$ 39,136.36
			Pavement (Asphalt or Concrete)				
			Fine Grading	12,090	SY	\$ 5.00	\$ 60,450.00
			New Pavement	8,420	SY	\$ 170.00	\$ 1,431,400.00
			Pavement Widening	3,670	SY	\$ 190.00	\$ 697,300.00
			Pavement Resurfacing	8,280	SY	\$ 30.00	\$ 248,400.00
			Subgrade Stabilization	12,090	SY	\$ -	\$ -
			2'-6" Concrete Curb and Gutter	2,800	LF	\$ 45.00	\$ 126,000.00
			4" Concrete Sidewalk	3,020	SY	\$ 65.00	\$ 196,300.00
			5" Monolithic Islands	140	SY	\$ 150.00	\$ 21,000.00
			Erosion Control	8.7	Acres	\$ 53,000.00	\$ 461,100.00
			Signing				
			-L- Youngsville Bypass	0.53	Miles	\$ 33,000.00	\$ 17,500.00
			-Y- Alignments	0.49	Miles	\$ 33,000.00	\$ 16,143.75
			Traffic Control				
			-L- Youngsville Bypass	0.53	LS	\$ 197,000.00	\$ 104,469.70
			Thermo and Pavement Marking - 2 Lane, -L- Youngsville Bypass	0.53	Miles	\$ 66,000.00	\$ 35,000.00
			Traffic Signal (New)	2	Each	\$ 500,000.00	\$ 1,000,000.00
			Traffic Signal (Upgrade)		Each	\$ 197,000.00	\$ -
			Culverts				
			RCP Culvert (30")	0	LF	\$ 350.00	\$ -
			Right-Of-Way				
			Proposed Right of way	13.10	LS		\$ 902,000.00
			Utility Construction				
			Relocate Existing Water Line (-L- Youngsville Bypass)	0.53	LS	\$ -	\$ 1,032,200.00
			Relocate Existing Sewer Line (-L- Youngsville Bypass)	0.53	LS	\$ -	\$ 1,032,200.00
			Miscellaneous (10% Strs & Util)				\$ 296,640.00
			Miscellaneous (40% Roadway)				\$ 2,315,368.41

Lgth _____ Miles

Contract Cost \$ 11,891,729.43
E. & C. 16% \$ 1,902,676.71
Construction Cost \$ 13,794,406.14
SAY \$ 13,795,000.00