

North Carolina Department of Transportation
Preliminary Estimate

TIP No.
Route
From
Typical Section

TIP Number
Youngsville By-Pass Alt 3

Conceptual

County: _____

CONSTR. COST
\$31,871,679

Prepared By: APW
Requested By:
Priced By:

Date
5/20/2024

Line Item	Des	Sec No.	Description	Quantity	Unit	Price	Amount
			Mobilization	1	LS	\$ 1,004,000.00	\$ 1,004,000.00
			Construction Surveying	1	LS	\$ 209,500.00	\$ 209,500.00
			Clearing and Grubbing	25.4	Acre	\$ 66,000.00	\$ 1,676,400.00
			Supplemental Clearing and Grubbing	2	Acre	\$ 10,000.00	\$ 20,000.00
			Earthwork				
			Unclassified Excavation	51,710	CY	\$ 23.00	\$ 1,189,330.00
			Borrow Excavation	34,470	CY	\$ 20.00	\$ 689,400.00
			Removal of Existing Pavement (Asphalt or Concrete)	4,820	SY	\$ 16.00	\$ 77,120.00
			Drainage				
			Drainage New Location: -L- Youngsville Bypass C&G & Shoulder	1.45	Miles	\$ 730,000.00	\$ 1,058,638.26
			Drainage New Location -Y- Alignments Shoulder	0.24	Miles	\$ 80,000.00	\$ 19,500.00
			Drainage Existing Location -Y- Alignments Shoulder	0.19	Miles	\$ 80,000.00	\$ 15,045.45
			Pavement (Asphalt or Concrete)				
			Fine Grading	30,870	SY	\$ 5.00	\$ 154,350.00
			New Pavement	26,680	SY	\$ 170.00	\$ 4,535,600.00
			Pavement Widening	4,190	SY	\$ 190.00	\$ 796,100.00
			Pavement Resurfacing	7,220	SY	\$ 30.00	\$ 216,600.00
			Subgrade Stabilization	30,870	SY	\$ -	\$ -
			2'-6" Concrete Curb and Gutter	5,500	LF	\$ 45.00	\$ 247,500.00
			4" Concrete Sidewalk	5,970	SY	\$ 65.00	\$ 388,050.00
			5" Monolithic Islands	100	SY	\$ 150.00	\$ 15,000.00
			Erosion Control	25.4	Acres	\$ 53,000.00	\$ 1,346,200.00
			Signing				
			-L- Youngsville Bypass	1.45	Miles	\$ 33,000.00	\$ 47,856.25
			-Y- Alignments	0.43	Miles	\$ 33,000.00	\$ 14,250.00
			Traffic Control				
			-L- Youngsville Bypass	1.45	LS	\$ 197,000.00	\$ 285,687.31
			Thermo and Pavement Marking - 2 Lane, -L- Youngsville Bypass	1.45	Miles	\$ 66,000.00	\$ 95,712.50
			Traffic Signal (New)	2	Each	\$ 500,000.00	\$ 1,000,000.00
			Traffic Signal (Remove)	1	Each	\$ 75,000.00	\$ 75,000.00
			Culverts				
			RCP Culvert (30")	382	LF	\$ 350.00	\$ 133,700.00
			Right-Of-Way				
			Proposed Right of way	21.09	LS		\$ 1,017,000.00
			Utility Construction				
			Relocate Existing Water Line (-L- Youngsville Bypass)	1.45	LS	\$ -	\$ 2,476,200.00
			Relocate Existing Sewer Line (-L- Youngsville Bypass)	1.45	LS	\$ -	\$ 2,476,200.00
			Miscellaneous (10% Strs & Util)				\$ 610,310.00
			Miscellaneous (40% Roadway)				\$ 5,585,335.91

Lgth _____ Miles

Contract Cost \$ 27,475,585.68
E. & C. 16% \$ 4,396,093.71
Construction Cost \$ 31,871,679.39
SAY \$ 31,872,000.00