

North Carolina Department of Transportation
Preliminary Estimate

TIP No.
Route
From
Typical Section

TIP Number
Youngsville By-Pass Alt 2 South of Taboro Road, Signals

Conceptual

County: _____

CONSTR. COST
\$15,595,618

Prepared By: APW
Requested By:
Priced By:

Date
5/20/2024

Line Item	Des	Sec No.	Description	Quantity	Unit	Price	Amount
			Mobilization	1	LS	\$ 494,000.00	\$ 494,000.00
			Construction Surveying	1	LS	\$ 100,200.00	\$ 100,200.00
			Clearing and Grubbing	9.7	Acre	\$ 66,000.00	\$ 639,540.00
			Supplemental Clearing and Grubbing	2	Acre	\$ 10,000.00	\$ 20,000.00
			Earthwork				
			Unclassified Excavation	6,250	CY	\$ 23.00	\$ 143,750.00
			Borrow Excavation	17,750	CY	\$ 20.00	\$ 355,000.00
			Removal of Existing Pavement (Asphalt or Concrete)	0	SY	\$ 16.00	\$ -
			Drainage				
			Drainage New Location: -L- Youngsville Bypass C&G & Shoulder	0.68	Miles	\$ 730,000.00	\$ 496,400.00
			Drainage Existing Location -Y- Alignments Shoulder	0.39	Miles	\$ 80,000.00	\$ 30,863.64
			Pavement (Asphalt or Concrete)				
			Fine Grading	14,300	SY	\$ 5.00	\$ 71,500.00
			New Pavement	10,600	SY	\$ 170.00	\$ 1,802,000.00
			Pavement Widening	3,700	SY	\$ 190.00	\$ 703,000.00
			Pavement Resurfacing	6,150	SY	\$ 30.00	\$ 184,500.00
			Subgrade Stabilization	14,300	SY	\$ -	\$ -
			2'-6" Concrete Curb and Gutter	3,560	LF	\$ 45.00	\$ 160,200.00
			4" Concrete Sidewalk	3,900	SY	\$ 65.00	\$ 253,500.00
			5" Monolithic Islands	100	SY	\$ 150.00	\$ 15,000.00
			Erosion Control	9.7	Acres	\$ 53,000.00	\$ 513,570.00
			Signing				
			-L- Youngsville Bypass	0.68	Miles	\$ 33,000.00	\$ 22,440.00
			-Y- Alignments	0.39	Miles	\$ 33,000.00	\$ 12,731.25
			Traffic Control				
			-L- Youngsville Bypass	0.68	LS	\$ 197,000.00	\$ 133,960.00
			Thermo and Pavement Marking - 2 Lane, -L- Youngsville Bypass	0.68	Miles	\$ 66,000.00	\$ 44,880.00
			Traffic Signal (New, mast arm type)	2	Each	\$ 500,000.00	\$ 1,000,000.00
			Traffic Signal (Remove)	1	Each	\$ 75,000.00	\$ 75,000.00
			Culverts				
			RCP Culvert (30")	146	LF	\$ 350.00	\$ 51,100.00
			Right-Of-Way				
			Proposed Right of way	9.7	LS		\$ 321,000.00
			Utility Construction				
			Relocate Existing Water Line (-L- Youngsville Bypass)	0.68	LS	\$ -	\$ 1,405,463.40
			Relocate Existing Sewer Line (-L- Youngsville Bypass)	0.68	LS	\$ -	\$ 1,405,463.40
			Miscellaneous (10% Strs & Util)				\$ 318,302.68
			Miscellaneous (40% Roadway)				\$ 2,671,133.95

Lgth _____ Miles

Contract Cost	\$ 13,444,498.32
E. & C. 16%	\$ 2,151,119.73
Construction Cost	\$ 15,595,618.05
SAY	\$ 15,596,000.00