

Purchase Order Contract Bridge Replacement

DATE:	03-31-2011
County	Ashe
County #	4
Bridge#	229
Project#	B-3802/ DO00120
WBS	WBS 33258.3.1
Engineer's Estimate:	\$265,000

ROUTE : SR-1169

DESCRIPTION: Cored Slab with one span 1 @52'-4 13/16" on a 120 degree skew angle and 30'-10" clear rdwy. width.

Line Item #	Item Number	Section	Item Description	Amount	Payment Type	Unit Price Bid	Smith - Rowe	Unit	J. R. Vannoy &	Unit	Miller	Unit	WP
							LLC	Price Bid	Sons	Price Bid	Engineering	Price Bid	Contractors
1	0000100000-N	800	Mobilization	1	L.S.	\$ 11,500.00	\$ 11,500.00	\$ 23,451.33	\$ 23,451.33	\$ 11,000.00	\$ 11,000.00	\$ 12,490.00	\$ 12,490.00
2	0030000000-N	SP	Bridge App. Fill Sub-Regional Tier. Fill, Sta. 11+08.00	1	L.S.	\$ 5,000.00	\$ 5,000.00	\$ 11,102.62	\$ 11,102.62	\$ 8,000.00	\$ 8,000.00	\$ 2,959.70	\$ 2,959.70
3	0063000000-N	SP	Grading	1	L.S.	\$ 24,000.00	\$ 24,000.00	\$ 17,181.23	\$ 17,181.23	\$ 24,000.00	\$ 24,000.00	\$ 13,404.55	\$ 13,404.55
4	1489000000-E	610	Asphalt Concrete Base Course, Type B 25.0 B	120	Tons	\$ 91.69	\$ 11,002.80	\$ 96.46	\$ 11,575.20	\$ 89.69	\$ 10,762.80	\$ 92.07	\$ 11,048.40
5	1525000000-E	610	Asphalt Concrete Surface Course, Type SF 9.5 A	130	Tons	\$ 81.53	\$ 10,598.90	\$ 85.28	\$ 11,086.40	\$ 79.53	\$ 10,338.90	\$ 81.41	\$ 10,583.30
6	1560000000-E	620	Asphalt Binder for Plant Mix, PG 64-22	14	Tons	\$ 560.00	\$ 7,840.00	\$ 616.00	\$ 8,624.00	\$ 560.00	\$ 7,840.00	\$ 588.00	\$ 8,232.00
7	3045000000-E	862	Steel BM Guardrail, Shop Curved	62.5	Lin. Ft.	\$ 22.00	\$ 1,375.00	\$ 17.71	\$ 1,106.88	\$ 25.00	\$ 1,562.50	\$ 27.30	\$ 1,706.25
8	3215000000-N	862	Guardrail Anchor Unit, Type III	2	Ea.	\$ 1,350.00	\$ 2,700.00	\$ 1,650.00	\$ 3,300.00	\$ 1,650.00	\$ 3,300.00	\$ 5,105.00	\$ 10,210.00
9	3270000000-N	SP	Guardrail Anchor Unit, Type 350	2	Ea.	\$ 2,100.00	\$ 4,200.00	\$ 2,090.00	\$ 4,180.00	\$ 2,100.00	\$ 4,200.00	\$ 1,781.00	\$ 3,562.00
10	3635000000-E	876	Rip Rap, Class II	125	Tons	\$ 43.00	\$ 5,375.00	\$ 35.53	\$ 4,441.25	\$ 50.00	\$ 6,250.00	\$ 30.00	\$ 3,750.00
11	3656000000-E	876	Filter Fabric for Drainage	435	Sq. Yds.	\$ 1.00	\$ 435.00	\$ 2.91	\$ 1,265.85	\$ 6.00	\$ 2,610.00	\$ 2.75	\$ 1,196.25
12	6000000000-E	1605	Temporary Silt Fence	215	Lin. Ft.	\$ 1.83	\$ 393.45	\$ 2.31	\$ 496.65	\$ 5.00	\$ 1,075.00	\$ 3.00	\$ 645.00
13	6006000000-E	1610	Stone for Erosion Control, Class A	95	Tons	\$ 25.00	\$ 2,375.00	\$ 40.48	\$ 3,845.60	\$ 45.00	\$ 4,275.00	\$ 35.00	\$ 3,325.00
14	6009000000-E	1610	Stone for Erosion Control, Class B	25	Tons	\$ 40.00	\$ 1,000.00	\$ 22.46	\$ 561.50	\$ 45.00	\$ 1,125.00	\$ 32.00	\$ 800.00
15	6012000000-E	1610	Sediment Control Stone	105	Tons	\$ 25.00	\$ 2,625.00	\$ 26.11	\$ 2,741.55	\$ 45.00	\$ 4,725.00	\$ 30.00	\$ 3,150.00
16	6024000000-E	1622	Temporary Slope Drain	100	Lin. Ft.	\$ 7.00	\$ 700.00	\$ 12.87	\$ 1,287.00	\$ 18.00	\$ 1,800.00	\$ 8.00	\$ 800.00
17	6027000000-N	1622	Inlet Protection at Temporary Slope Drains	2	Ea.	\$ 75.00	\$ 150.00	\$ 382.72	\$ 765.44	\$ 200.00	\$ 400.00	\$ 200.00	\$ 400.00
18	6029000000-E	SP	Safety Fence	250	Lin. Ft.	\$ 1.58	\$ 395.00	\$ 1.38	\$ 345.00	\$ 4.00	\$ 1,000.00	\$ 3.00	\$ 750.00
19	6030000000-E	1630	Silt Excavation	50	C. Y.	\$ 2.00	\$ 100.00	\$ 5.35	\$ 267.50	\$ 5.00	\$ 250.00	\$ 12.00	\$ 600.00
20	6036000000-E	1631	Matting for Erosion Control	600	Sq. Yds.	\$ 1.70	\$ 1,020.00	\$ 1.93	\$ 1,158.00	\$ 2.50	\$ 1,500.00	\$ 2.50	\$ 1,500.00
21	6037000000-E	SP	Coir Fiber Mat	100	Sq. Yds.	\$ 3.65	\$ 365.00	\$ 7.43	\$ 743.00	\$ 9.00	\$ 900.00	\$ 3.00	\$ 300.00
22	6042000000-E	1632	1/4" Hardware Cloth	95	Lin. Ft.	\$ 4.10	\$ 389.50	\$ 4.13	\$ 392.35	\$ 10.00	\$ 950.00	\$ 5.00	\$ 475.00
23	6070000000-N	SP	Special Stilling Basins	2	Ea.	\$ 50.00	\$ 100.00	\$ 315.17	\$ 630.34	\$ 1,000.00	\$ 2,000.00	\$ 1,500.00	\$ 3,000.00
24	6071010000-E	SP	Wattle	50	Sq. Yds.	\$ 6.00	\$ 300.00	\$ 7.43	\$ 371.50	\$ 50.00	\$ 2,500.00	\$ 8.33	\$ 416.50
25	6071020000-E	SP	Polyacrylamide (PAM)	10	Lin. Ft.	\$ 15.00	\$ 150.00	\$ 11.28	\$ 112.80	\$ 45.00	\$ 450.00	\$ 20.00	\$ 200.00
26	6135000000-E	SP	Generic Erosion Control Item Seeding and Mulching	0.5	Acr.	\$ 2,000.00	\$ 1,000.00	\$ 2,530.00	\$ 1,265.00	\$ 3,000.00	\$ 1,500.00	\$ 2,200.00	\$ 1,100.00
27	6117000000-N	SP	Response for Erosion Control	13	Ea.	\$ 1.00	\$ 13.00	\$ 137.50	\$ 1,787.50	\$ 300.00	\$ 3,900.00	\$ 400.00	\$ 5,200.00
28	6123000000-E	1670	Reforestation	0.5	Acr.	\$ 2,500.00	\$ 1,250.00	\$ 2,750.00	\$ 1,375.00	\$ 2,000.00	\$ 1,000.00	\$ 2,000.00	\$ 1,000.00
29	8035000000-N	402	Removal Existing Structure at Sta. 13+83.50	1	L.S.	\$ 11,100.00	\$ 11,100.00	\$ 3,376.13	\$ 3,376.13	\$ 8,000.00	\$ 8,000.00	\$ 28,002.00	\$ 28,002.00
30	8182000000-E	420	Class A Concrete (Bridge)	33.7	C.Y.	\$ 597.00	\$ 20,118.90	\$ 720.09	\$ 24,267.03	\$ 875.00	\$ 29,487.50	\$ 1,000.00	\$ 33,700.00
31	8217000000-E	425	Reinforcing Steel (Bridge)	5173	Lb.	\$ 1.11	\$ 5,742.03	\$ 0.92	\$ 4,759.16	\$ 1.25	\$ 6,466.25	\$ 1.00	\$ 5,173.00
32	8364000000-E	SP	HP 12 X 53 Steel Piles	165	Lin. Ft.	\$ 82.20	\$ 13,563.00	\$ 84.00	\$ 13,860.00	\$ 38.00	\$ 6,270.00	\$ 48.00	\$ 7,920.00
33	8505000000-E	SP	Vertical Conc. Barrier Rail	104.8	L.S.	\$ 116.65	\$ 12,224.92	\$ 83.47	\$ 8,747.66	\$ 45.00	\$ 4,716.00	\$ 100.00	\$ 10,480.00
34	8657000000-N	430	Elastomeric Bearings	1	L.S.	\$ 2,325.00	\$ 2,325.00	\$ 2,483.52	\$ 2,483.52	\$ 3,000.00	\$ 3,000.00	\$ 1,200.00	\$ 1,200.00
35	8762000000-E	430	3'-0" x 1'-9" Prest. Concrete Cored Slab	576.41	Lin. Ft.	\$ 120.62	\$ 69,526.57	\$ 112.54	\$ 64,869.18	\$ 110.50	\$ 63,693.31	\$ 105.00	\$ 60,523.05
							Total	\$ 230,953.07	\$ 237,823.17	\$ 240,847.26	\$ 249,802.00		

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Project#	B-3802/ D000120
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ROUTE : SR-1169

DESCRIPTION: Cored Slab with one span 1 @52'-4 13/16" on a 120 degree skew angle and 30'-10" clear rdwy. width.

Line Item #	Item Number	Section	Item Description	Amount	Payment Type	Unit Price Bid	Davie Grading	Unit Price Bid	Dane Construction	Unit Price Bid	Taylor & Murphy Co.	Unit Price Bid	Apple Tuck & Associates
1	0000100000-N	800	Mobilization	1	L.S.	\$ 12,000.00	\$ 12,000.00	\$ 12,930.00	\$ 12,930.00	\$ 13,500.00	\$ 13,500.00	\$ 20,000.00	\$ 20,000.00
2	0030000000-N	SP	Bridge App. Fill Sub-Regional Tier. Fill, Sta. 11+08.00	1	L.S.	\$ 5,000.00	\$ 5,000.00	\$ 6,575.00	\$ 6,575.00	\$ 8,200.00	\$ 8,200.00	\$ 5,000.00	\$ 5,000.00
3	0063000000-N	SP	Grading	1	L.S.	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 15,500.00	\$ 15,500.00	\$ 40,000.00	\$ 40,000.00
4	1489000000-E	610	Asphalt Concrete Base Course, Type B 25.0 B	120	Tons	\$ 90.00	\$ 10,800.00	\$ 87.69	\$ 10,522.80	\$ 100.00	\$ 12,000.00	\$ 87.69	\$ 10,522.80
5	1525000000-E	610	Asphalt Concrete Surface Course, Type SF 9.5 A	130	Tons	\$ 80.00	\$ 10,400.00	\$ 77.53	\$ 10,078.90	\$ 88.00	\$ 11,440.00	\$ 77.53	\$ 10,078.90
6	1560000000-E	620	Asphalt Binder for Plant Mix, PG 64-22	14	Tons	\$ 560.00	\$ 7,840.00	\$ 560.00	\$ 7,840.00	\$ 610.00	\$ 8,540.00	\$ 560.00	\$ 7,840.00
7	3045000000-E	862	Steel BM Guardrail, Shop Curved	62.5	Lin. Ft.	\$ 25.00	\$ 1,562.50	\$ 22.00	\$ 1,375.00	\$ 24.00	\$ 1,500.00	\$ 25.00	\$ 1,562.50
8	3215000000-N	862	Guardrail Anchor Unit, Type III	2	Ea.	\$ 1,650.00	\$ 3,300.00	\$ 1,350.00	\$ 2,700.00	\$ 1,500.00	\$ 3,000.00	\$ 1,650.00	\$ 3,300.00
9	3270000000-N	SP	Guardrail Anchor Unit, Type 350	2	Ea.	\$ 2,100.00	\$ 4,200.00	\$ 2,100.00	\$ 4,200.00	\$ 2,300.00	\$ 4,600.00	\$ 2,100.00	\$ 4,200.00
10	3635000000-E	876	Rip Rap, Class II	125	Tons	\$ 40.00	\$ 5,000.00	\$ 35.00	\$ 4,375.00	\$ 38.00	\$ 4,750.00	\$ 40.00	\$ 5,000.00
11	3656000000-E	876	Filter Fabric for Drainage	435	Sq. Yds.	\$ 2.00	\$ 870.00	\$ 2.15	\$ 935.25	\$ 4.00	\$ 1,740.00	\$ 2.00	\$ 870.00
12	6000000000-E	1605	Temporary Silt Fence	215	Lin. Ft.	\$ 3.00	\$ 645.00	\$ 1.83	\$ 393.45	\$ 2.00	\$ 430.00	\$ 1.83	\$ 393.45
13	6006000000-E	1610	Stone for Erosion Control, Class A	95	Tons	\$ 32.00	\$ 3,040.00	\$ 32.50	\$ 3,087.50	\$ 45.00	\$ 4,275.00	\$ 40.00	\$ 3,800.00
14	6009000000-E	1610	Stone for Erosion Control, Class B	25	Tons	\$ 32.00	\$ 800.00	\$ 40.00	\$ 1,000.00	\$ 45.00	\$ 1,125.00	\$ 40.00	\$ 1,000.00
15	6012000000-E	1610	Sediment Control Stone	105	Tons	\$ 32.00	\$ 3,360.00	\$ 32.00	\$ 3,360.00	\$ 45.00	\$ 4,725.00	\$ 40.00	\$ 4,200.00
16	6024000000-E	1622	Temporary Slope Drain	100	Lin. Ft.	\$ 10.00	\$ 1,000.00	\$ 12.50	\$ 1,250.00	\$ 11.00	\$ 1,100.00	\$ 10.00	\$ 1,000.00
17	6027000000-N	1622	Inlet Protection at Temporary Slope Drains	2	Ea.	\$ 100.00	\$ 200.00	\$ 350.00	\$ 700.00	\$ 275.00	\$ 550.00	\$ 150.00	\$ 300.00
18	6029000000-E	SP	Safety Fence	250	Lin. Ft.	\$ 2.20	\$ 550.00	\$ 1.58	\$ 395.00	\$ 1.75	\$ 437.50	\$ 1.58	\$ 395.00
19	6030000000-E	1630	Silt Excavation	50	C. Y.	\$ 10.00	\$ 500.00	\$ 12.00	\$ 600.00	\$ 11.00	\$ 550.00	\$ 10.00	\$ 500.00
20	6036000000-E	1631	Matting for Erosion Control	600	Sq. Yds.	\$ 1.10	\$ 660.00	\$ 2.50	\$ 1,500.00	\$ 2.75	\$ 1,650.00	\$ 1.75	\$ 1,050.00
21	6037000000-E	SP	Coir Fiber Mat	100	Sq. Yds.	\$ 5.00	\$ 500.00	\$ 9.00	\$ 900.00	\$ 4.00	\$ 400.00	\$ 3.65	\$ 365.00
22	6042000000-E	1632	1/4" Hardware Cloth	95	Lin. Ft.	\$ 5.00	\$ 475.00	\$ 4.10	\$ 389.50	\$ 4.50	\$ 427.50	\$ 4.10	\$ 389.50
23	6070000000-N	SP	Special Stilling Basins	2	Ea.	\$ 250.00	\$ 500.00	\$ 500.00	\$ 1,000.00	\$ 800.00	\$ 1,600.00	\$ 250.00	\$ 500.00
24	6071010000-E	SP	Wattle	50	Sq. Yds.	\$ 10.00	\$ 500.00	\$ 8.50	\$ 425.00	\$ 7.00	\$ 350.00	\$ 6.44	\$ 322.00
25	6071020000-E	SP	Polyacrylamide (PAM)	10	Lin. Ft.	\$ 20.00	\$ 200.00	\$ 8.50	\$ 85.00	\$ 33.00	\$ 330.00	\$ 30.00	\$ 300.00
26	6135000000-E	SP	Generic Erosion Control Item Seeding and Mulching	0.5	Acr.	\$ 4,000.00	\$ 2,000.00	\$ 3,000.00	\$ 1,500.00	\$ 5,500.00	\$ 2,750.00	\$ 2,500.00	\$ 1,250.00
27	6117000000-N	SP	Response for Erosion Control	13	Ea.	\$ 50.00	\$ 650.00	\$ 100.00	\$ 1,300.00	\$ 325.00	\$ 4,225.00	\$ 50.00	\$ 650.00
28	6123000000-E	1670	Reforestation	0.5	Acr.	\$ 4,000.00	\$ 2,000.00	\$ 2,000.00	\$ 1,000.00	\$ 2,200.00	\$ 1,100.00	\$ 2,000.00	\$ 1,000.00
29	8035000000-N	402	Removal Existing Structure at Sta. 13+83.50	1	L.S.	\$ 20,000.00	\$ 20,000.00	\$ 18,000.00	\$ 18,000.00	\$ 36,000.00	\$ 36,000.00	\$ 15,000.00	\$ 15,000.00
30	8182000000-E	420	Class A Concrete (Bridge)	33.7	C.Y.	\$ 850.00	\$ 28,645.00	\$ 845.00	\$ 28,476.50	\$ 750.00	\$ 25,275.00	\$ 1,000.00	\$ 33,700.00
31	8217000000-E	425	Reinforcing Steel (Bridge)	5173	Lb.	\$ 0.78	\$ 4,034.94	\$ 1.10	\$ 5,690.30	\$ 1.20	\$ 6,207.60	\$ 1.00	\$ 5,173.00
32	8364000000-E	SP	HP 12 X 53 Steel Piles	165	Lin. Ft.	\$ 70.00	\$ 11,550.00	\$ 72.00	\$ 11,880.00	\$ 90.00	\$ 14,850.00	\$ 47.50	\$ 7,837.50
33	8505000000-E	SP	Vertical Conc. Barrier Rail	104.8	L.S.	\$ 85.00	\$ 8,908.00	\$ 96.85	\$ 10,149.88	\$ 110.00	\$ 11,528.00	\$ 95.00	\$ 9,956.00
34	8657000000-N	430	Elastomeric Bearings	1	L.S.	\$ 2,000.00	\$ 2,000.00	\$ 7,040.00	\$ 7,040.00	\$ 3,000.00	\$ 3,000.00	\$ 5,000.00	\$ 5,000.00
35	8762000000-E	430	3'-0" x 1'-9" Prest. Concrete Cored Slab	576.41	Lin. Ft.	\$ 130.00	\$ 74,933.30	\$ 125.00	\$ 72,051.25	\$ 112.00	\$ 64,557.92	\$ 135.00	\$ 77,815.35
Total							\$ 253,623.74		\$ 258,705.33		\$ 272,213.52		\$ 280,271.00

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ROUTE : SR-1169

DESCRIPTION: Cored Slab with one span 1 @52'-4 13/16" on a 120 degree skew angle and 30'-10" clear rdwy. width.

Line Item #	Item Number	Section	Item Description	Amount	Payment Type	Unit Price Bid	Blythe						
							Development						
1	0000100000-N	800	Mobilization	1	L.S.	\$ 15,000.00	\$ 15,000.00						
2	0030000000-N	SP	Bridge App. Fill Sub-Regional Tier. Fill, Sta. 11+08.00	1	L.S.	\$ 6,800.00	\$ 6,800.00						
3	0063000000-N	SP	Grading	1	L.S.	\$ 50,000.00	\$ 50,000.00						
4	1489000000-E	610	Asphalt Concrete Base Course, Type B 25.0 B	120	Tons	\$ 105.00	\$ 12,600.00						
5	1525000000-E	610	Asphalt Concrete Surface Course, Type SF 9.5 A	130	Tons	\$ 93.00	\$ 12,090.00						
6	1560000000-E	620	Asphalt Binder for Plant Mix, PG 64-22	14	Tons	\$ 670.00	\$ 9,380.00						
7	3045000000-E	862	Steel BM Guardrail, Shop Curved	62.5	Lin. Ft.	\$ 25.00	\$ 1,562.50						
8	3215000000-N	862	Guardrail Anchor Unit, Type III	2	Ea.	\$ 1,558.00	\$ 3,116.00						
9	3270000000-N	SP	Guardrail Anchor Unit, Type 350	2	Ea.	\$ 2,425.00	\$ 4,850.00						
10	3635000000-E	876	Rip Rap, Class II	125	Tons	\$ 52.00	\$ 6,500.00						
11	3656000000-E	876	Filter Fabric for Drainage	435	Sq. Yds.	\$ 1.30	\$ 565.50						
12	6000000000-E	1605	Temporary Silt Fence	215	Lin. Ft.	\$ 2.10	\$ 451.50						
13	6006000000-E	1610	Stone for Erosion Control, Class A	95	Tons	\$ 48.00	\$ 4,560.00						
14	6009000000-E	1610	Stone for Erosion Control, Class B	25	Tons	\$ 48.00	\$ 1,200.00						
15	6012000000-E	1610	Sediment Control Stone	105	Tons	\$ 35.00	\$ 3,675.00						
16	6024000000-E	1622	Temporary Slope Drain	100	Lin. Ft.	\$ 14.00	\$ 1,400.00						
17	6027000000-N	1622	Inlet Protection at Temporary Slope Drains	2	Ea.	\$ 125.00	\$ 250.00						
18	6029000000-E	SP	Safety Fence	250	Lin. Ft.	\$ 1.80	\$ 450.00						
19	6030000000-E	1630	Silt Excavation	50	C. Y.	\$ 15.00	\$ 750.00						
20	6036000000-E	1631	Matting for Erosion Control	600	Sq. Yds.	\$ 1.20	\$ 720.00						
21	6037000000-E	SP	Coir Fiber Mat	100	Sq. Yds.	\$ 4.20	\$ 420.00						
22	6042000000-E	1632	1/4" Hardware Cloth	95	Lin. Ft.	\$ 8.00	\$ 760.00						
23	6070000000-N	SP	Special Stilling Basins	2	Ea.	\$ 580.00	\$ 1,160.00						
24	6071010000-E	SP	Wattle	50	Sq. Yds.	\$ 7.50	\$ 375.00						
25	6071020000-E	SP	Polyacrylamide (PAM)	10	Lin. Ft.	\$ 35.00	\$ 350.00						
26	6135000000-E	SP	Generic Erosion Control Item Seeding and Mulching	0.5	Acr.	\$ 2,135.00	\$ 1,067.50						
27	6117000000-N	SP	Response for Erosion Control	13	Ea.	\$ 175.00	\$ 2,275.00						
28	6123000000-E	1670	Reforestation	0.5	Acr.	\$ 2,885.00	\$ 1,442.50						
29	8035000000-N	402	Removal Existing Structure at Sta. 13+83.50	1	L.S.	\$ 22,000.00	\$ 22,000.00						
30	8182000000-E	420	Class A Concrete (Bridge)	33.7	C.Y.	\$ 750.00	\$ 25,275.00						
31	8217000000-E	425	Reinforcing Steel (Bridge)	5173	Lb.	\$ 1.50	\$ 7,759.50						
32	8364000000-E	SP	HP 12 X 53 Steel Piles	165	Lin. Ft.	\$ 108.00	\$ 17,820.00						
33	8505000000-E	SP	Vertical Conc. Barrier Rail	104.8	L.S.	\$ 65.00	\$ 6,812.00						
34	8657000000-N	430	Elastomeric Bearings	1	L.S.	\$ 960.00	\$ 960.00						
35	8762000000-E	430	3'-0" x 1'-9" Prest. Concrete Cored Slab	576.41	Lin. Ft.	\$ 115.00	\$ 66,287.15						
Total							\$ 290,684.15						