

Purchase Order Contract Bridge Replacement

DATE: 09-23-2010

County	Alleghany
County #	2
Bridge#	115
Project#	BK-5116/ WBS. 42567.3.1
Engineer's Estimate: \$370,000	

ROUTE : SR-1308

DESCRIPTION: 8'-0" X 6'-0" Triple Barrel Cast In Place RBC on a 137 degree Skew Angle.

Line Item #	Item Number	Section	Item Description	Amount	Payment Type	Unit Price Bid	Miller Engineering	Unit	J R Vannoy	Unit	Dane	Unit	Mountain Creek
							Co.	Price Bid	Constr.	Price Bid	Constr.	Price Bid	Contractors
1	0000100000-N	800	Mobilization	1	L.S.	\$ 10,000.00	\$ 10,000.00	\$ 26,110.49	\$ 26,110.49	\$ 17,300.00	\$ 17,300.00	\$ 32,500.00	\$ 32,500.00
2	0248000000-N	SP	Generic Grading Item (Excavation & Embankment)	1	L.S.	\$ 29,000.00	\$ 29,000.00	\$ 48,800.00	\$ 48,800.00	\$ 51,250.00	\$ 51,250.00	\$ 65,000.00	\$ 65,000.00
3	0343000000-E	310	15" Side Drain Pipe	56	Lin. Ft.	\$ 25.00	\$ 1,400.00	\$ 16.00	\$ 896.00	\$ 20.00	\$ 1,120.00	\$ 30.00	\$ 1,680.00
4	0995000000-E	340	Pipe Removal	30	Lin. Ft.	\$ 5.00	\$ 150.00	\$ 13.45	\$ 403.50	\$ 10.00	\$ 300.00	\$ 20.00	\$ 600.00
5	1220000000-E	545	Incidental Stone Base	150	Lin. Ft.	\$ 27.00	\$ 4,050.00	\$ 23.70	\$ 3,555.00	\$ 25.00	\$ 3,750.00	\$ 45.00	\$ 6,750.00
6	1489000000-E	610	Asphalt Concrete Base Course, Type B 25.0 B	140	Tons	\$ 82.90	\$ 11,606.00	\$ 83.30	\$ 11,662.00	\$ 83.00	\$ 11,620.00	\$ 90.00	\$ 12,600.00
7	1498000000-E	610	Asphalt Concrete Intermediate Course, Type I 19.0 B	90	Tons	\$ 92.90	\$ 8,361.00	\$ 82.82	\$ 7,453.80	\$ 82.00	\$ 7,380.00	\$ 90.00	\$ 8,100.00
8	1519000000-E	610	Asphalt Concrete Surface Course, Type S 9.5 B	220	Tons	\$ 92.90	\$ 20,438.00	\$ 82.82	\$ 18,220.40	\$ 82.00	\$ 18,040.00	\$ 85.00	\$ 18,700.00
9	1560000000-E	620	Asphalt Binder for Plant Mix, PG 64-22	24	Tons	\$ 560.00	\$ 13,440.00	\$ 540.35	\$ 12,968.40	\$ 535.00	\$ 12,840.00	\$ 600.00	\$ 14,400.00
10	2577000000-E	846	Concrete Expressway Gutter	295	Lin. Ft.	\$ 45.00	\$ 13,275.00	\$ 33.93	\$ 10,009.35	\$ 25.00	\$ 7,375.00	\$ 25.00	\$ 7,375.00
11	3030000000-E	862	Steel BM Guardrail	525	Lin. Ft.	\$ 21.25	\$ 11,156.25	\$ 21.46	\$ 11,266.50	\$ 15.25	\$ 8,006.25	\$ 25.00	\$ 13,125.00
12	3150000000-N	862	Additional Guardrail Posts	5	Ea.	\$ 11.00	\$ 55.00	\$ 11.11	\$ 55.55	\$ 30.00	\$ 150.00	\$ 11.00	\$ 55.00
13	3270000000-N	SP	Guardrail Anchor Unit, Type 350	4	Ea.	\$ 1,750.00	\$ 7,000.00	\$ 1,767.50	\$ 7,070.00	\$ 1,850.00	\$ 7,400.00	\$ 1,750.00	\$ 7,000.00
14	3656000000-E	876	Filter Fabric for Drainage, Type 2	450	Sq. Yds.	\$ 3.00	\$ 1,350.00	\$ 2.27	\$ 1,021.50	\$ 2.15	\$ 967.50	\$ 6.00	\$ 2,700.00
15	6000000000--E	1605	Temporary Silt Fence	800	Lin. Ft.	\$ 4.00	\$ 3,200.00	\$ 1.97	\$ 1,576.00	\$ 2.50	\$ 2,000.00	\$ 2.50	\$ 2,000.00
16	6006000000-E	1610	Stone for Erosion Control, Class A	175	Tons	\$ 40.00	\$ 7,000.00	\$ 32.64	\$ 5,712.00	\$ 28.00	\$ 4,900.00	\$ 25.00	\$ 4,375.00
17	6009000000-E	1610	Stone for Erosion Control, Class B	55	Tons	\$ 40.00	\$ 2,200.00	\$ 33.51	\$ 1,843.05	\$ 28.00	\$ 1,540.00	\$ 25.00	\$ 1,375.00
18	6012000000-E	SP	Sediment Control Stone	160	Tons	\$ 35.00	\$ 5,600.00	\$ 25.82	\$ 4,131.20	\$ 25.00	\$ 4,000.00	\$ 25.00	\$ 4,000.00
19	6024000000-E	1622	Temporary Slope Drains	200	Lin. Ft.	\$ 18.00	\$ 3,600.00	\$ 10.48	\$ 2,096.00	\$ 15.00	\$ 3,000.00	\$ 25.00	\$ 5,000.00
20	6027000000-N	1622	Inlet Protection at Temporary Slope Drains	4	Ea.	\$ 150.00	\$ 600.00	\$ 230.51	\$ 922.04	\$ 350.00	\$ 1,400.00	\$ 500.00	\$ 2,000.00
21	6029000000-E	SP	Safety Fence	600	Lin. Ft.	\$ 4.00	\$ 2,400.00	\$ 1.97	\$ 1,182.00	\$ 2.00	\$ 1,200.00	\$ 2.00	\$ 1,200.00
22	6030000000-E	1630	Silt Excavation	20	C.Y.	\$ 12.00	\$ 240.00	\$ 6.06	\$ 121.20	\$ 25.00	\$ 500.00	\$ 10.00	\$ 200.00
23	6036000000-E	1631	Matting for Erosion Control	800	Lin. Ft.	\$ 3.50	\$ 2,800.00	\$ 2.27	\$ 1,816.00	\$ 2.50	\$ 2,000.00	\$ 10.00	\$ 8,000.00
24	6042000000-E	SP	1/4" Hardware Cloth	160	Lin. Ft.	\$ 5.00	\$ 800.00	\$ 4.04	\$ 646.40	\$ 4.00	\$ 640.00	\$ 4.00	\$ 640.00
25	6070000000-N	SP	Special Stilling Basins	5	Ea.	\$ 1,000.00	\$ 5,000.00	\$ 231.57	\$ 1,157.85	\$ 550.00	\$ 2,750.00	\$ 500.00	\$ 2,500.00
26	6071020000-E	SP	Polyacrylamide	25	Lbs.	\$ 12.00	\$ 300.00	\$ 11.36	\$ 284.00	\$ 7.50	\$ 187.50	\$ 100.00	\$ 2,500.00
27	6111000000-E	SP	Impevious Dike	250	Lin. Ft.	\$ 55.00	\$ 13,750.00	\$ 39.45	\$ 9,862.50	\$ 21.00	\$ 5,250.00	\$ 15.00	\$ 3,750.00
28	6133000000-N	SP	Generic Erosion Control Item	1	L.S.	\$ 8,500.00	\$ 8,500.00	\$ 1,732.15	\$ 1,732.15	\$ 7,250.00	\$ 7,250.00	\$ 5,000.00	\$ 5,000.00
29	8035000000-N	402	Removal Existing Structures	1	L.S.	\$ 8,000.00	\$ 8,000.00	\$ 3,738.94	\$ 3,738.94	\$ 17,565.00	\$ 17,565.00	\$ 15,000.00	\$ 15,000.00
30	8133000000-E	414	Foundation Conditioning Mat'l	119	Tons	\$ 35.00	\$ 4,165.00	\$ 46.92	\$ 5,583.48	\$ 33.25	\$ 3,956.75	\$ 35.00	\$ 4,165.00
31	8196000000-E	420	Class "A" Concrete (CVT)	190	C.Y.	\$ 525.00	\$ 99,750.00	\$ 606.28	\$ 115,193.20	\$ 565.00	\$ 107,350.00	\$ 468.68	\$ 89,049.20
32	8245000000-E	425	Reinforcing Steel (CVT)	30020	Lbs.	\$ 0.80	\$ 24,016.00	\$ 0.69	\$ 20,713.80	\$ 1.00	\$ 30,020.00	\$ 1.00	\$ 30,020.00
33	8590000000-E	876	Plain Rip Rap, Class I	60	Tons	\$ 50.00	\$ 3,000.00	\$ 33.92	\$ 2,035.20	\$ 35.25	\$ 2,115.00	\$ 25.00	\$ 1,500.00
34	8590000000-E	876	Plain Rip Rap, Class A	2	Tons	\$ 50.00	\$ 100.00	\$ 31.59	\$ 63.18	\$ 50.00	\$ 100.00	\$ 100.00	\$ 200.00
							Total	\$ 326,302.25	\$ 339,902.68	\$ 345,223.00	\$ 345,223.00	\$ 373,059.20	\$ 373,059.20

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ROUTE : SR-1308

DESCRIPTION: 8'-0" X 6'-0" Triple Barrel Cast In Place RBC on a 137 degree Skew Angle.

Line Item #	Item Number	Section	Item Description	Amount	Payment Type	Unit Price Bid	Apple Tuck &	Unit	Smith-Rowe	Unit	Blythe Develop.			
							Assoc.	Price Bid	Inc.	Price Bid	Co.			
1	0000100000-N	800	Mobilization	1	L.S.	\$ 25,000.00	\$ 25,000.00	\$ 21,500.00	\$ 21,500.00	\$ 25,000.00	\$ 25,000.00			
2	0248000000-N	SP	Generic Grading Item (Excavation & Embankment)	1	L.S.	\$ 50,000.00	\$ 50,000.00	\$ 88,000.00	\$ 88,000.00	\$ 235,000.00	\$ 235,000.00			
3	0343000000-E	310	15" Side Drain Pipe	56	Lin. Ft.	\$ 30.00	\$ 1,680.00	\$ 45.00	\$ 2,520.00	\$ 28.00	\$ 1,568.00			
4	0995000000-E	340	Pipe Removal	30	Lin. Ft.	\$ 20.00	\$ 600.00	\$ 25.00	\$ 750.00	\$ 23.00	\$ 690.00			
5	1220000000-E	545	Incidental Stone Base	150	Lin. Ft.	\$ 35.00	\$ 5,250.00	\$ 35.00	\$ 5,250.00	\$ 22.00	\$ 3,300.00			
6	1489000000-E	610	Asphalt Concrete Base	140	Tons	\$ 93.00	\$ 13,020.00	\$ 86.00	\$ 12,040.00	\$ 95.00	\$ 13,300.00			
7	1498000000-E	610	Course, Type B 25.0 B Asphalt Concrete Intermediate	90	Tons	\$ 93.00	\$ 8,370.00	\$ 85.00	\$ 7,650.00	\$ 95.00	\$ 8,550.00			
8	1519000000-E	610	Course, Type I 19.0 B Asphalt Concrete Surface	220	Tons	\$ 93.00	\$ 20,460.00	\$ 85.00	\$ 18,700.00	\$ 95.00	\$ 20,900.00			
9	1560000000-E	620	Course, Type S 9.5 B Asphalt Binder for Plant Mix, PG 64-22	24	Tons	\$ 560.00	\$ 13,440.00	\$ 545.00	\$ 13,080.00	\$ 625.00	\$ 15,000.00			
10	2577000000-E	846	Concrete Expressway Gutter	295	Lin. Ft.	\$ 40.00	\$ 11,800.00	\$ 50.00	\$ 14,750.00	\$ 15.00	\$ 4,425.00			
11	3030000000-E	862	Steel BM Guardrail	525	Lin. Ft.	\$ 21.25	\$ 11,156.25	\$ 21.25	\$ 11,156.25	\$ 25.00	\$ 13,125.00			
12	3150000000-N	862	Additional Guardrail Posts	5	Ea.	\$ 11.00	\$ 55.00	\$ 11.00	\$ 55.00	\$ 13.00	\$ 65.00			
13	3270000000-N	SP	Guardrail Anchor Unit, Type 350	4	Ea.	\$ 1,750.00	\$ 7,000.00	\$ 1,750.00	\$ 7,000.00	\$ 2,060.00	\$ 8,240.00			
14	3656000000-E	876	Filter Fabric for Drainage, Type 2	450	Sq. Yds.	\$ 3.00	\$ 1,350.00	\$ 2.00	\$ 900.00	\$ 1.30	\$ 585.00			
15	6000000000-E	1605	Temporary Silt Fence	800	Lin. Ft.	\$ 2.50	\$ 2,000.00	\$ 2.50	\$ 2,000.00	\$ 2.95	\$ 2,360.00			
16	6006000000-E	1610	Stone for Erosion Control, Class A	175	Tons	\$ 35.00	\$ 6,125.00	\$ 36.00	\$ 6,300.00	\$ 40.00	\$ 7,000.00			
17	6009000000-E	1610	Stone for Erosion Control, Class B	55	Tons	\$ 35.00	\$ 1,925.00	\$ 40.00	\$ 2,200.00	\$ 40.00	\$ 2,200.00			
18	6012000000-E	SP	Sediment Control Stone	160	Tons	\$ 35.00	\$ 5,600.00	\$ 38.00	\$ 6,080.00	\$ 30.00	\$ 4,800.00			
19	6024000000-E	1622	Temporary Slope Drains	200	Lin. Ft.	\$ 15.00	\$ 3,000.00	\$ 15.00	\$ 3,000.00	\$ 15.00	\$ 3,000.00			
20	6027000000-N	1622	Inlet Protection at Temporary Slope Drains	4	Ea.	\$ 100.00	\$ 400.00	\$ 200.00	\$ 800.00	\$ 200.00	\$ 800.00			
21	6029000000-E	SP	Safety Fence	600	Lin. Ft.	\$ 2.00	\$ 1,200.00	\$ 2.00	\$ 1,200.00	\$ 2.35	\$ 1,410.00			
22	6030000000-E	1630	Silt Excavation	20	C.Y.	\$ 1.00	\$ 20.00	\$ 50.00	\$ 1,000.00	\$ 4.20	\$ 84.00			
23	6036000000-E	1631	Matting for Erosion Control	800	Lin. Ft.	\$ 3.00	\$ 2,400.00	\$ 3.00	\$ 2,400.00	\$ 3.55	\$ 2,840.00			
24	6042000000-E	SP	1/4" Hardware Cloth	160	Lin. Ft.	\$ 4.00	\$ 640.00	\$ 4.00	\$ 640.00	\$ 4.70	\$ 752.00			
25	6070000000-N	SP	Special Stilling Basins	5	Ea.	\$ 300.00	\$ 1,500.00	\$ 375.00	\$ 1,875.00	\$ 125.00	\$ 625.00			
26	6071020000-E	SP	Polyacrylamide	25	Lbs.	\$ 5.00	\$ 125.00	\$ 50.00	\$ 1,250.00	\$ 25.00	\$ 625.00			
27	6111000000-E	SP	Impevious Dike	250	Lin. Ft.	\$ 25.00	\$ 6,250.00	\$ 58.00	\$ 14,500.00	\$ 50.00	\$ 12,500.00			
28	6133000000-N	SP	Generic Erosion Control Item	1	L.S.	\$ 4,500.00	\$ 4,500.00	\$ 8,000.00	\$ 8,000.00	\$ 15,000.00	\$ 15,000.00			
29	8035000000-N	402	Removal Existing Structures	1	L.S.	\$ 20,000.00	\$ 20,000.00	\$ 15,000.00	\$ 15,000.00	\$ 14,000.00	\$ 14,000.00			
30	8133000000-E	414	Foundation Conditioning Mat'l	119	Tons	\$ 50.00	\$ 5,950.00	\$ 45.00	\$ 5,355.00	\$ 30.00	\$ 3,570.00			
31	8196000000-E	420	Class "A" Concrete (CVT)	190	C.Y.	\$ 650.00	\$ 123,500.00	\$ 648.30	\$ 123,177.00	\$ 450.00	\$ 85,500.00			
32	8245000000-E	425	Reinforcing Steel (CVT)	30020	Lbs.	\$ 1.00	\$ 30,020.00	\$ 1.00	\$ 30,020.00	\$ 0.90	\$ 27,018.00			
33	8590000000-E	876	Plain Rip Rap, Class I	60	Tons	\$ 50.00	\$ 3,000.00	\$ 35.00	\$ 2,100.00	\$ 40.00	\$ 2,400.00			
34	8590000000-E	876	Plain Rip Rap, Class A	2	Tons	\$ 100.00	\$ 200.00	\$ 150.00	\$ 300.00	\$ 40.00	\$ 80.00			
							Total	\$ 387,536.25		\$ 430,548.25		\$ 536,312.00		