

## Purchase Order Contract Bridge Replacement

DATE: 01-20-2011

County	Lincoln
County #	54
Bridge#	29
Project#	B-5230/ DO00054
Engineer's Estimate: \$661,000	

ROUTE : NC-182

DESCRIPTION: Cored Slab with two spans 1 @ 40'-0" and 1 @ 60'-0" on a 75 degree skew angle and 36'-00" clear rdwy. width.

Line Item #	Item Number	Section	Item Description	Amount	Payment Type	Unit Price Bid	Blythe Constr.	Unit	TCB Builders	Unit	Apple Tuck &	Unit	Dane Constr.
							Co.	Price Bid	LLC	Price Bid	Assoc.	Price Bid	Inc.
1	0000100000-N	800	Mobilization	1	L.S.	\$ 28,000.00	\$ 28,000.00	\$ 30,500.00	\$ 30,500.00	\$ 15,000.00	\$ 15,000.00	\$ 30,900.00	\$ 30,900.00
2	0255000000-N	SP	Generic Grading Item (Excavation & Embankment)	1	L.S.	\$ 28,000.00	\$ 28,000.00	\$ 54,130.00	\$ 54,130.00	\$ 46,000.00	\$ 46,000.00	\$ 45,000.00	\$ 45,000.00
3	0366000000-E	310	15" RC Pipe Culvert, Class III	24	Lin. Ft.	\$ 32.00	\$ 768.00	\$ 34.50	\$ 828.00	\$ 20.00	\$ 480.00	\$ 33.00	\$ 792.00
4	1220000000-E	545	Incidental Stone Base	25	Tons	\$ 35.00	\$ 875.00	\$ 20.00	\$ 500.00	\$ 15.00	\$ 375.00	\$ 33.00	\$ 825.00
5	1489000000-E	610	Asphalt Concrete Base Course, Type B 25.0 B	250	Tons	\$ 51.73	\$ 12,932.50	\$ 50.50	\$ 12,625.00	\$ 51.73	\$ 12,932.50	\$ 51.73	\$ 12,932.50
6	1498000000-E		Asphalt Concrete Intermediate Course, Type I 19.0 B	175	Tons	\$ 51.33	\$ 8,982.75	\$ 56.50	\$ 9,887.50	\$ 51.33	\$ 8,982.75	\$ 51.33	\$ 8,982.75
7	1519000000-E	610	Asphalt Concrete Surface Course, Type S 9.5 B	333	Tons	\$ 51.00	\$ 16,983.00	\$ 56.50	\$ 18,814.50	\$ 51.00	\$ 16,983.00	\$ 51.00	\$ 16,983.00
8	1560000000-E	620	Asphalt Binder for Plant Mix, PG 64-22	39	Tons	\$ 546.00	\$ 21,294.00	\$ 515.00	\$ 20,085.00	\$ 546.00	\$ 21,294.00	\$ 546.00	\$ 21,294.00
9	2286000000-N	840	Masonry Drainage Structure	1	Ea.	\$ 1,200.00	\$ 1,200.00	\$ 1,100.00	\$ 1,100.00	\$ 1,200.00	\$ 1,200.00	\$ 1,425.00	\$ 1,425.00
10	2367000000-N	840	Frame with Two Grates, Std 840.29	1	Ea.	\$ 500.00	\$ 500.00	\$ 225.00	\$ 225.00	\$ 640.00	\$ 640.00	\$ 550.00	\$ 550.00
11	2556000000-E	846	Shoulder Berm Gutter	43	Lin. Ft.	\$ 25.00	\$ 1,075.00	\$ 11.00	\$ 473.00	\$ 40.00	\$ 1,720.00	\$ 30.00	\$ 1,290.00
12	3030000000-E	862	Steel BM Guardrail	690	Lin. Ft.	\$ 13.00	\$ 8,970.00	\$ 13.50	\$ 9,315.00	\$ 13.00	\$ 8,970.00	\$ 13.00	\$ 8,970.00
13	3150000000-N	862	Additional Guardrail Posts	5	Ea.	\$ 13.00	\$ 65.00	\$ 10.00	\$ 50.00	\$ 13.00	\$ 65.00	\$ 13.00	\$ 65.00
14	3270000000-N	SP	Guardrail Anchor Unit, Type 350	4	Ea.	\$ 1,700.00	\$ 6,800.00	\$ 1,700.00	\$ 6,800.00	\$ 1,700.00	\$ 6,800.00	\$ 1,700.00	\$ 6,800.00
15	3317000000-N	862	Guardrail Anchor Unit, Type B-77	4	Ea.	\$ 1,275.00	\$ 5,100.00	\$ 1,300.00	\$ 5,200.00	\$ 1,275.00	\$ 5,100.00	\$ 1,275.00	\$ 5,100.00
16	3656000000-E	876	Filter Fabric for Drainage, Type 2	1240	Sq. Yds.	\$ 1.80	\$ 2,232.00	\$ 1.00	\$ 1,240.00	\$ 1.50	\$ 1,860.00	\$ 2.25	\$ 2,790.00
17	6000000000-E	1605	Temporary Silt Fence	2150	Lin. Ft.	\$ 1.84	\$ 3,956.00	\$ 1.55	\$ 3,332.50	\$ 1.75	\$ 3,762.50	\$ 1.84	\$ 3,956.00
18	6006000000-E	1610	Stone for Erosion Control, Class A	160	Tons	\$ 35.00	\$ 5,600.00	\$ 37.00	\$ 5,920.00	\$ 34.00	\$ 5,440.00	\$ 35.00	\$ 5,600.00
19	6009000000-E	1610	Stone for Erosion Control, Class B	60	Tons	\$ 40.00	\$ 2,400.00	\$ 37.00	\$ 2,220.00	\$ 34.00	\$ 2,040.00	\$ 33.00	\$ 1,980.00
20	6012000000-E	1610	Sediment Control Stone	160	Tons	\$ 40.00	\$ 6,400.00	\$ 31.00	\$ 4,960.00	\$ 28.00	\$ 4,480.00	\$ 30.00	\$ 4,800.00
21	6024000000-E	1622	Temporary Slope Drains	200	Lin. Ft.	\$ 20.00	\$ 4,000.00	\$ 9.50	\$ 1,900.00	\$ 20.00	\$ 4,000.00	\$ 12.00	\$ 2,400.00
22	6027000000-N	1622	Inlet Protection at Temporary Slope Drains	4	Ea.	\$ 200.00	\$ 800.00	\$ 100.00	\$ 400.00	\$ 315.00	\$ 1,260.00	\$ 185.00	\$ 740.00
23	6029000000-E	SP	Safety Fence	850	Lin. Ft.	\$ 1.60	\$ 1,360.00	\$ 1.20	\$ 1,020.00	\$ 1.60	\$ 1,360.00	\$ 1.60	\$ 1,360.00
24	6030000000-E	1630	Silt Excavation	155	C.Y.	\$ 12.00	\$ 1,860.00	\$ 3.00	\$ 465.00	\$ 5.00	\$ 775.00	\$ 10.00	\$ 1,550.00
25	6036000000-E	1631	Matting for Erosion Control	6650	Sq. Yds.	\$ 1.44	\$ 9,576.00	\$ 1.35	\$ 8,977.50	\$ 1.60	\$ 10,640.00	\$ 1.95	\$ 12,967.50
26	6042000000-E	SP	1/4" Hardware Cloth	200	Lin. Ft.	\$ 3.90	\$ 780.00	\$ 2.25	\$ 450.00	\$ 2.35	\$ 470.00	\$ 3.90	\$ 780.00
27	6070000000-E	1638	Special Stilling Basins	4	Ea.	\$ 235.00	\$ 940.00	\$ 175.00	\$ 700.00	\$ 300.00	\$ 1,200.00	\$ 575.00	\$ 2,300.00
28	6071000000-E	SP	Wattle	100	Lin. Ft.	\$ 3.50	\$ 350.00	\$ 6.00	\$ 600.00	\$ 6.00	\$ 600.00	\$ 4.75	\$ 475.00
29	6071020000-E	SP	Polyacrylamide (PAM)	25	Lbs.	\$ 10.00	\$ 250.00	\$ 15.00	\$ 375.00	\$ 25.00	\$ 625.00	\$ 7.50	\$ 187.50
30	6071030000-E	SP	Coir Fiber Baffle	60	Lin. Ft.	\$ 6.00	\$ 360.00	\$ 3.00	\$ 180.00	\$ 6.00	\$ 360.00	\$ 7.25	\$ 435.00
31	6133000000-N	SP	Generic Erosion Control Item	1	L.S.	\$ 9,000.00	\$ 9,000.00	\$ 6,000.00	\$ 6,000.00	\$ 10,000.00	\$ 10,000.00	\$ 5,000.00	\$ 5,000.00
32	8035000000-E	402	Removal Existing Structures	1	L.S.	\$ 8,000.00	\$ 8,000.00	\$ 30,450.00	\$ 30,450.00	\$ 20,000.00	\$ 20,000.00	\$ 12,500.00	\$ 12,500.00
33	8105540000-E	SP	42" Drilled Pier in Soil	84	Lin. Ft.	\$ 250.00	\$ 21,000.00	\$ 215.00	\$ 18,060.00	\$ 300.00	\$ 25,200.00	\$ 310.00	\$ 26,040.00
34	8105640000-E	SP	42" Drilled Pier Not in Soil	33	Lin. Ft.	\$ 1,725.00	\$ 56,925.00	\$ 1,630.00	\$ 53,790.00	\$ 1,480.00	\$ 48,840.00	\$ 2,220.00	\$ 73,260.00
35	8111400000-E	SP	Permanent Steel Casing for 42" Drilled Pier	75	Lin. Ft.	\$ 200.00	\$ 15,000.00	\$ 155.00	\$ 11,625.00	\$ 180.00	\$ 13,500.00	\$ 185.00	\$ 13,875.00
36	8113000000-N	SP	SID Inspection	3	Ea.	\$ 500.00	\$ 1,500.00	\$ 500.00	\$ 1,500.00	\$ 500.00	\$ 1,500.00	\$ 500.00	\$ 1,500.00
37	8210000000-N	422	Bridge Approach Slabs	1	L.S.	\$ 17,500.00	\$ 17,500.00	\$ 14,965.00	\$ 14,965.00	\$ 25,000.00	\$ 25,000.00	\$ 18,775.00	\$ 18,775.00
38	8365000000-E	SP	12 X 53 Steel Piles	441	Lin. Ft.	\$ 58.00	\$ 25,578.00	\$ 80.26	\$ 35,394.66	\$ 50.00	\$ 22,050.00	\$ 44.25	\$ 19,514.25
39	8391000000-N	SP	Pile Points for HP 12X53 Steel Piles	14	Ea.	\$ 132.00	\$ 1,848.00	\$ 118.00	\$ 1,652.00	\$ 300.00	\$ 4,200.00	\$ 185.00	\$ 2,590.00
40	8590000000-E	876	Plain Rip Rap, Class I	30	Tons	\$ 40.00	\$ 1,200.00	\$ 42.00	\$ 1,260.00	\$ 34.00	\$ 1,020.00	\$ 35.00	\$ 1,050.00
41	8594000000-E	876	Plain Rip Rap, Class B	22	Tons	\$ 40.00	\$ 880.00	\$ 42.00	\$ 924.00	\$ 34.00	\$ 748.00	\$ 33.00	\$ 726.00
42	8608000000-E	876	Rip Rap Class II (2'-0" Thick)	550	Tons	\$ 40.00	\$ 22,000.00	\$ 47.00	\$ 25,850.00	\$ 34.00	\$ 18,700.00	\$ 48.75	\$ 26,812.50
43	8765000000-N	SP	Construction of Substructure	1	L.S.	\$ 69,000.00	\$ 69,000.00	\$ 49,365.00	\$ 49,365.00	\$ 67,000.00	\$ 67,000.00	\$ 75,000.00	\$ 75,000.00
44	8766000000-N	SP	Construction of Superstructure	1	L.S.	\$ 139,000.00	\$ 139,000.00	\$ 143,900.00	\$ 143,900.00	\$ 156,000.00	\$ 156,000.00	\$ 137,775.00	\$ 137,775.00
							Total	\$ 570,840.25	\$ 598,008.66	\$ 599,172.75	\$ 599,172.75	\$ 618,648.00	\$ 618,648.00

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ROUTE : NC-182

DESCRIPTION: Cored Slab with two spans 1 @ 40'-0" and 1 @ 60'-0" on a 75 degree skew angle and 36'-00" clear rdwy. width.

Line Item #	Item Number	Section	Item Description	Amount	Payment Type	Unit Price Bid	Davie Grading	Unit	Blythe Develop.	Unit	Miller Engineering	Unit	J.T. Russell &
							Inc.	Price Bid	Co.	Price Bid	Co.	Price Bid	Sons, Inc.
1	0000100000-N	800	Mobilization	1	L.S.	\$ 30,000.00	\$ 30,000.00	\$ 32,000.00	\$ 32,000.00	\$ 28,000.00	\$ 28,000.00	\$ 30,000.00	\$ 30,000.00
2	0255000000-N	SP	Generic Grading Item (Excavation & Embankment)	1	L.S.	\$ 60,000.00	\$ 60,000.00	\$ 83,500.00	\$ 83,500.00	\$ 51,000.00	\$ 51,000.00	\$ 36,000.00	\$ 36,000.00
3	0366000000-E	310	15" RC Pipe Culvert, Class III	24	Lin. Ft.	\$ 28.00	\$ 672.00	\$ 30.00	\$ 720.00	\$ 40.00	\$ 960.00	\$ 18.70	\$ 448.80
4	1220000000-E	545	Incidental Stone Base	25	Tons	\$ 30.00	\$ 750.00	\$ 24.00	\$ 600.00	\$ 45.00	\$ 1,125.00	\$ 40.00	\$ 1,000.00
5	1489000000-E	610	Asphalt Concrete Base Course, Type B 25.0 B	250	Tons	\$ 51.73	\$ 12,932.50	\$ 53.00	\$ 13,250.00	\$ 64.53	\$ 16,132.50	\$ 45.00	\$ 11,250.00
6	1498000000-E		Asphalt Concrete Intermediate Course, Type I 19.0 B	175	Tons	\$ 51.33	\$ 8,982.75	\$ 60.00	\$ 10,500.00	\$ 65.53	\$ 11,467.75	\$ 45.00	\$ 7,875.00
7	1519000000-E	610	Asphalt Concrete Surface Course, Type S 9.5 B	333	Tons	\$ 51.00	\$ 16,983.00	\$ 60.00	\$ 19,980.00	\$ 66.05	\$ 21,994.65	\$ 45.00	\$ 14,985.00
8	1560000000-E	620	Asphalt Binder for Plant Mix, PG 64-22	39	Tons	\$ 546.00	\$ 21,294.00	\$ 565.00	\$ 22,035.00	\$ 550.00	\$ 21,450.00	\$ 505.00	\$ 19,695.00
9	2286000000-N	840	Masonry Drainage Structure	1	Ea.	\$ 1,000.00	\$ 1,000.00	\$ 900.00	\$ 900.00	\$ 1,600.00	\$ 1,600.00	\$ 880.00	\$ 880.00
10	2367000000-N	840	Frame with Two Grates, Std 840.29	1	Ea.	\$ 450.00	\$ 450.00	\$ 475.00	\$ 475.00	\$ 575.00	\$ 575.00	\$ 660.00	\$ 660.00
11	2556000000-E	846	Shoulder Berm Gutter	43	Lin. Ft.	\$ 40.00	\$ 1,720.00	\$ 13.00	\$ 559.00	\$ 50.00	\$ 2,150.00	\$ 49.00	\$ 2,107.00
12	3030000000-E	862	Steel BM Guardrail	690	Lin. Ft.	\$ 13.00	\$ 8,970.00	\$ 14.45	\$ 9,970.50	\$ 13.00	\$ 8,970.00	\$ 14.25	\$ 9,832.50
13	3150000000-N	862	Additional Guardrail Posts	5	Ea.	\$ 13.00	\$ 65.00	\$ 14.50	\$ 72.50	\$ 13.00	\$ 65.00	\$ 10.00	\$ 50.00
14	3270000000-N	SP	Guardrail Anchor Unit, Type 350	4	Ea.	\$ 1,700.00	\$ 6,800.00	\$ 1,800.00	\$ 7,200.00	\$ 1,700.00	\$ 6,800.00	\$ 1,800.00	\$ 7,200.00
15	3317000000-N	862	Guardrail Anchor Unit, Type B-77	4	Ea.	\$ 1,275.00	\$ 5,100.00	\$ 1,400.00	\$ 5,600.00	\$ 1,275.00	\$ 5,100.00	\$ 1,250.00	\$ 5,000.00
16	3656000000-E	876	Filter Fabric for Drainage, Type 2	1240	Sq. Yds.	\$ 1.00	\$ 1,240.00	\$ 2.25	\$ 2,790.00	\$ 2.00	\$ 2,480.00	\$ 2.20	\$ 2,728.00
17	6000000000-E	1605	Temporary Silt Fence	2150	Lin. Ft.	\$ 1.84	\$ 3,956.00	\$ 2.10	\$ 4,515.00	\$ 2.50	\$ 5,375.00	\$ 3.30	\$ 7,095.00
18	6006000000-E	1610	Stone for Erosion Control, Class A	160	Tons	\$ 32.00	\$ 5,120.00	\$ 36.00	\$ 5,760.00	\$ 50.00	\$ 8,000.00	\$ 55.00	\$ 8,800.00
19	6009000000-E	1610	Stone for Erosion Control, Class B	60	Tons	\$ 32.00	\$ 1,920.00	\$ 36.00	\$ 2,160.00	\$ 50.00	\$ 3,000.00	\$ 51.70	\$ 3,102.00
20	6012000000-E	1610	Sediment Control Stone	160	Tons	\$ 28.00	\$ 4,480.00	\$ 30.00	\$ 4,800.00	\$ 50.00	\$ 8,000.00	\$ 38.50	\$ 6,160.00
21	6024000000-E	1622	Temporary Slope Drains	200	Lin. Ft.	\$ 5.00	\$ 1,000.00	\$ 12.00	\$ 2,400.00	\$ 12.00	\$ 2,400.00	\$ 13.20	\$ 2,640.00
22	6027000000-N	1622	Inlet Protection at Temporary Slope Drains	4	Ea.	\$ 200.00	\$ 800.00	\$ 115.00	\$ 460.00	\$ 250.00	\$ 1,000.00	\$ 220.00	\$ 880.00
23	6029000000-E	SP	Safety Fence	850	Lin. Ft.	\$ 1.60	\$ 1,360.00	\$ 1.75	\$ 1,487.50	\$ 5.00	\$ 4,250.00	\$ 2.75	\$ 2,337.50
24	6030000000-E	1630	Silt Excavation	155	C.Y.	\$ 6.00	\$ 930.00	\$ 5.00	\$ 775.00	\$ 10.00	\$ 1,550.00	\$ 11.00	\$ 1,705.00
25	6036000000-E	1631	Matting for Erosion Control	6650	Sq. Yds.	\$ 0.65	\$ 4,322.50	\$ 1.65	\$ 10,972.50	\$ 1.95	\$ 12,967.50	\$ 2.20	\$ 14,630.00
26	6042000000-E	SP	1/4" Hardware Cloth	200	Lin. Ft.	\$ 3.90	\$ 780.00	\$ 5.25	\$ 1,050.00	\$ 5.00	\$ 1,000.00	\$ 4.00	\$ 800.00
27	6070000000-E	1638	Special Stilling Basins	4	Ea.	\$ 100.00	\$ 400.00	\$ 695.00	\$ 2,780.00	\$ 1,000.00	\$ 4,000.00	\$ 330.00	\$ 1,320.00
28	6071000000-E	SP	Wattle	100	Lin. Ft.	\$ 10.00	\$ 1,000.00	\$ 6.60	\$ 660.00	\$ 10.00	\$ 1,000.00	\$ 5.50	\$ 550.00
29	6071020000-E	SP	Polyacrylamide (PAM)	25	Lbs.	\$ 12.00	\$ 300.00	\$ 22.00	\$ 550.00	\$ 20.00	\$ 500.00	\$ 440.00	\$ 11,000.00
30	6071030000-E	SP	Coir Fiber Baffle	60	Lin. Ft.	\$ 6.00	\$ 360.00	\$ 4.45	\$ 267.00	\$ 6.00	\$ 360.00	\$ 4.40	\$ 264.00
31	6133000000-N	SP	Generic Erosion Control Item	1	L.S.	\$ 3,000.00	\$ 3,000.00	\$ 2,500.00	\$ 2,500.00	\$ 8,000.00	\$ 8,000.00	\$ 4,000.00	\$ 4,000.00
32	8035000000-E	402	Removal Existing Structures	1	L.S.	\$ 30,000.00	\$ 30,000.00	\$ 10,000.00	\$ 10,000.00	\$ 16,000.00	\$ 16,000.00	\$ 40,550.00	\$ 40,550.00
33	8105540000-E	SP	42" Drilled Pier in Soil	84	Lin. Ft.	\$ 320.00	\$ 26,880.00	\$ 225.00	\$ 18,900.00	\$ 530.00	\$ 44,520.00	\$ 200.00	\$ 16,800.00
34	8105640000-E	SP	42" Drilled Pier Not in Soil	33	Lin. Ft.	\$ 1,390.00	\$ 45,870.00	\$ 1,860.00	\$ 61,380.00	\$ 1,940.00	\$ 64,020.00	\$ 1,380.00	\$ 45,540.00
35	8111400000-E	SP	Permanent Steel Casing for 42" Drilled Pier	75	Lin. Ft.	\$ 150.00	\$ 11,250.00	\$ 145.00	\$ 10,875.00	\$ 110.00	\$ 8,250.00	\$ 130.00	\$ 9,750.00
36	8113000000-N	SP	SID Inspection	3	Ea.	\$ 600.00	\$ 1,800.00	\$ 550.00	\$ 1,650.00	\$ 500.00	\$ 1,500.00	\$ 500.00	\$ 1,500.00
37	8210000000-N	422	Bridge Approach Slabs	1	L.S.	\$ 28,946.00	\$ 28,946.00	\$ 28,000.00	\$ 28,000.00	\$ 37,000.00	\$ 37,000.00	\$ 33,715.00	\$ 33,715.00
38	8365000000-E	SP	12 X 53 Steel Piles	441	Lin. Ft.	\$ 60.00	\$ 26,460.00	\$ 70.00	\$ 30,870.00	\$ 53.00	\$ 23,373.00	\$ 76.00	\$ 33,516.00
39	8391000000-N	SP	Pile Points for HP 12X53 Steel Piles	14	Ea.	\$ 150.00	\$ 2,100.00	\$ 180.00	\$ 2,520.00	\$ 150.00	\$ 2,100.00	\$ 300.00	\$ 4,200.00
40	8590000000-E	876	Plain Rip Rap, Class I	30	Tons	\$ 40.00	\$ 1,200.00	\$ 36.00	\$ 1,080.00	\$ 45.00	\$ 1,350.00	\$ 55.00	\$ 1,650.00
41	8594000000-E	876	Plain Rip Rap, Class B	22	Tons	\$ 40.00	\$ 880.00	\$ 36.00	\$ 792.00	\$ 45.00	\$ 990.00	\$ 51.70	\$ 1,137.40
42	8608000000-E	876	Rip Rap Class II (2'-0" Thick)	550	Tons	\$ 32.00	\$ 17,600.00	\$ 40.00	\$ 22,000.00	\$ 48.00	\$ 26,400.00	\$ 49.50	\$ 27,225.00
43	8765000000-N	SP	Construction of Substructure	1	L.S.	\$ 62,897.00	\$ 62,897.00	\$ 55,000.00	\$ 55,000.00	\$ 90,000.00	\$ 90,000.00	\$ 118,000.00	\$ 118,000.00
44	8766000000-N	SP	Construction of Superstructure	1	L.S.	\$ 162,900.00	\$ 162,900.00	\$ 144,500.00	\$ 144,500.00	\$ 147,000.00	\$ 147,000.00	\$ 157,650.00	\$ 157,650.00
							<b>Total</b>		<b>\$ 625,470.75</b>		<b>\$ 638,856.00</b>		<b>\$ 706,228.20</b>

