

Bid Summary
7th Street Bridge Replacement Project

Bid Opening: November 5, 2009

By: Lee Cooper, Project Engineer

Item No.	CDOT, City Ref.	Description	Quantity	Units	<u>Estimate - Engineer</u>		<u>Mays Concrete, Inc.</u>		<u>G.A. Western Construction Co.</u>	
					Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
1	202	Removal of Asphalt Mat	435.	Sq. Yd.	\$ 5.00	\$ 2,175.00	\$ 4.00	\$ 1,740.00	\$ 4.00	\$ 1,740.00
2	202	Removal of Ground Sign (Contractor shall remove sign and post and return to the City's Traffic Department)	2.	Ea.	\$ 50.00	\$ 100.00	\$ 54.00	\$ 108.00	\$ 25.00	\$ 50.00
3	202	Remove Existing Bridge and Appurtenances	1.	Lump Sum	\$ 22,000.00	\$ 22,000.00	\$ 6,563.00	\$ 6,563.00	\$ 8,476.00	\$ 8,476.00
4	206	Structure Excavation	350.	Cu. Yd.	\$ 15.00	\$ 5,250.00	\$ 10.70	\$ 3,745.00	\$ 19.00	\$ 6,650.00
5	206	Structure Backfill (CDOT Class 1)	500.	Cu. Yd.	\$ 45.00	\$ 22,500.00	\$ 45.00	\$ 22,500.00	\$ 40.35	\$ 20,175.00
6	208	Concrete Washout Facility	1.	Lump Sum	\$ 650.00	\$ 650.00	\$ 1,100.00	\$ 1,100.00	\$ 320.00	\$ 320.00
7	208	Straw Erosion Log (8" dia. Minimum)	125.	Lin. Ft.	\$ 7.00	\$ 875.00	\$ 4.50	\$ 562.50	\$ 4.60	\$ 575.00
8	212/213	Hydromulch with Dry Land Seed Mix (Disturbed Road Side Slopes)	130.	Sq. Yd.	\$ 7.00	\$ 910.00	\$ 1.50	\$ 195.00	\$ 5.00	\$ 650.00
9	304	Aggregate Base Course (Class 6) (15" Thick)	465.	Sq. Yd.	\$ 16.00	\$ 7,440.00	\$ 22.20	\$ 10,323.00	\$ 28.25	\$ 13,136.25
10	306	Reconditioning (12" Deep)	510.	Sq. Yd.	\$ 3.00	\$ 1,530.00	\$ 4.10	\$ 2,091.00	\$ 3.90	\$ 1,989.00

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					Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
11	401	Hot Mix Bituminous Pavement (Grading SX) (75 Gyration) (PG 64-22) (5" Thick) (3" Bottom Lift, 2" Top Lift)	126.	Ton	\$ 90.00	\$ 11,340.00	\$ 134.00	\$ 16,884.00	\$ 123.50	\$ 15,561.00
12	401	Hot Mix Bituminous Pavement (Grading SX) (75 Gyration) (PG 64-22) (2" Thick)	4.	Ton	\$ 90.00	\$ 360.00	\$ 300.00	\$ 1,200.00	\$ 225.50	\$ 902.00
13	420	Geogrid (Standard)	465.	Sq. Yd.	\$ 8.00	\$ 3,720.00	\$ 7.40	\$ 3,441.00	\$ 4.50	\$ 2,092.50
14	502	Steel H-Piling (HP 12x53)	280.	Lin. Ft.	\$ 90.00	\$ 25,200.00	\$ 52.50	\$ 14,700.00	\$ 68.00	\$ 19,040.00
15	502	Pile Tips	14.	Ea.	\$ 145.00	\$ 2,030.00	\$ 125.00	\$ 1,750.00	\$ 144.00	\$ 2,016.00
16	507	Slope Paving (Shotcrete) (4,000 psi) (Polypropylene Synthetic Fiber Reinforcement) (4" Thick) (1.5 lbs./cu. yd. concrete) (Fiber Length = Graded)	250.	Sq. Yd.	\$ 60.00	\$ 15,000.00	\$ 41.50	\$ 10,375.00	\$ 54.00	\$ 13,500.00
17	519	Thin Bonded Epoxy Overlay (Bridge Deck)	100.	Sq. Yd.	\$ 80.00	\$ 8,000.00	\$ 69.00	\$ 6,900.00	\$ 55.00	\$ 5,500.00
18	601	Concrete, Class D (Bridge)	96.	Cu. Yd.	\$ 495.00	\$ 47,520.00	\$ 405.00	\$ 38,880.00	\$ 400.00	\$ 38,400.00
19	601	Structural Concrete Coating (Color to be provided by Engineer)	75.	Sq. Yd.	\$ 22.00	\$ 1,650.00	\$ 28.00	\$ 2,100.00	\$ 25.25	\$ 1,893.75
20	602	Reinforcing Steel	6,200.	Pound	\$ 1.45	\$ 8,990.00	\$ 0.95	\$ 5,890.00	\$ 1.05	\$ 6,510.00

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					Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
21	602	Reinforcing Steel (Epoxy Coated)	3,400.	Pound	\$ 1.75	\$ 5,950.00	\$ 1.90	\$ 6,460.00	\$ 1.69	\$ 5,746.00
22	606	Transition, Type 3J	4.	Ea.	\$ 1,350.00	\$ 5,400.00	\$ 775.00	\$ 3,100.00	\$ 765.00	\$ 3,060.00
23	606	End Anchorage, Type 3K	4.	Ea.	\$ 1,550.00	\$ 6,200.00	\$ 700.00	\$ 2,800.00	\$ 784.00	\$ 3,136.00
24	606	Bridge Rail, Combination	54.	Lin. Ft.	\$ 210.00	\$ 11,340.00	\$ 140.00	\$ 7,560.00	\$ 194.00	\$ 10,476.00
25	613	4" Conduit, (SCH. 40 PVC) (Includes 45-deg. Sweep Elbows) (Two Elbows per Conduit)	120.	Lin. Ft.	\$ 11.00	\$ 1,320.00	\$ 4.50	\$ 540.00	\$ 4.00	\$ 480.00
26	613	6" Conduit Sleeves (West side bridge wingwalls for gas line relocation)	1.	Lump Sum	\$ 500.00	\$ 500.00	\$ 200.00	\$ 200.00	\$ 20.00	\$ 20.00
27	618	Precast Concrete Bridge Sections	8.	Ea.	\$ 9,600.00	\$ 76,800.00	\$ 9,540.00	\$ 76,320.00	\$ 10,052.00	\$ 80,416.00
28	620	Sanitary Facility	1.	Ea.	\$ 750.00	\$ 750.00	\$ 400.00	\$ 400.00	\$ 400.00	\$ 400.00
29	625	Construction Surveying	1.	Lump Sum	\$ 8,500.00	\$ 8,500.00	\$ 5,300.00	\$ 5,300.00	\$ 4,000.00	\$ 4,000.00
30	626	Mobilization	1.	Lump Sum	\$ 35,000.00	\$ 35,000.00	\$ 14,832.50	\$ 14,832.50	\$ 30,760.00	\$ 30,760.00
31	630	Traffic Control (Complete in Place) (Traffic Control Plan, See Appendix I)	1.	Lump Sum	\$ 13,500.00	\$ 13,500.00	\$ 4,300.00	\$ 4,300.00	\$ 4,275.00	\$ 4,275.00
32	630	Flagging	40.	Hour	\$ 30.00	\$ 1,200.00	\$ 22.00	\$ 880.00	\$ 25.30	\$ 1,012.00
MCR		Minor Contract Revisions	---	---	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00

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				<u>Estimate - Engineer</u>		<u>Mays Concrete, Inc.</u>		<u>G.A. Western Construction Co.</u>		
Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Extended Price	Unit Price	Extended Price	Unit Price	Extended Price
				TOTAL BID:		\$ 383,700.00		\$ 303,740.00		\$ 332,957.50

[1] - corrected extension

[2] - corrected total

Bid Summary
7th Street Bridge Replacement Project

Bid Opening: November 5, 2009

By: Lee Cooper, Project Engineer

Item No.	CDOT, City Ref.	Description	Quantity	Units	<u>Skyline Contracting, Inc.</u>		<u>American Civil Constructors</u>	
					Unit Price	Extended Price	Unit Price	Extended Price
1	202	Removal of Asphalt Mat	435.	Sq. Yd.	\$ 5.00	\$ 2,175.00	\$ 5.00	\$ 2,175.00
2	202	Removal of Ground Sign (Contractor shall remove sign and post and return to the City's Traffic Department)	2.	Ea.	\$ 75.00	\$ 150.00	\$ 50.00	\$ 100.00
3	202	Remove Existing Bridge and Appurtenances	1.	Lump Sum	\$ 15,000.00	\$ 15,000.00	\$ 10,000.00	\$ 10,000.00
4	206	Structure Excavation	350.	Cu. Yd.	\$ 33.00	\$ 11,550.00	\$ 17.00	\$ 5,950.00
5	206	Structure Backfill (CDOT Class 1)	500.	Cu. Yd.	\$ 41.00	\$ 20,500.00	\$ 40.00	\$ 20,000.00
6	208	Concrete Washout Facility	1.	Lump Sum	\$ 650.00	\$ 650.00	\$ 600.00	\$ 600.00
7	208	Straw Erosion Log (8" dia. Minimum)	125.	Lin. Ft.	\$ 5.40	\$ 675.00	\$ 7.00	\$ 875.00
8	212/213	Hydromulch with Dry Land Seed Mix (Disturbed Road Side Slopes)	130.	Sq. Yd.	\$ 9.00	\$ 1,170.00	\$ 6.00	\$ 780.00
9	304	Aggregate Base Course (Class 6) (15" Thick)	465.	Sq. Yd.	\$ 12.80	\$ 5,952.00	\$ 18.00	\$ 8,370.00
10	306	Reconditioning (12" Deep)	510.	Sq. Yd.	\$ 4.70	\$ 2,397.00	\$ 7.00	\$ 3,570.00

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Item No.	CDOT, City Ref.	Description	Quantity	Units	<u>Skyline Contracting, Inc.</u>		<u>American Civil Constructors</u>	
					Unit Price	Extended Price	Unit Price	Extended Price
11	401	Hot Mix Bituminous Pavement (Grading SX) (75 Gyration) (PG 64-22) (5" Thick) (3" Bottom Lift, 2" Top Lift)	126.	Ton	\$ 132.00	\$ 16,632.00	\$ 170.00	\$ 21,420.00
12	401	Hot Mix Bituminous Pavement (Grading SX) (75 Gyration) (PG 64-22) (2" Thick)	4.	Ton	\$ 315.00	\$ 1,260.00	\$ 175.00	\$ 700.00
13	420	Geogrid (Standard)	465.	Sq. Yd.	\$ 5.40	\$ 2,511.00	\$ 8.00	\$ 3,720.00
14	502	Steel H-Piling (HP 12x53)	280.	Lin. Ft.	\$ 89.00	\$ 24,920.00	\$ 80.00	\$ 22,400.00
15	502	Pile Tips	14.	Ea.	\$ 166.00	\$ 2,324.00	\$ 120.00	\$ 1,680.00
16	507	Slope Paving (Shotcrete) (4,000 psi) (Polypropylene Synthetic Fiber Reinforcement) (4" Thick) (1.5 lbs./cu. yd. concrete) (Fiber Length = Graded)	250.	Sq. Yd.	\$ 57.00	\$ 14,250.00	\$ 40.00	\$ 10,000.00
17	519	Thin Bonded Epoxy Overlay (Bridge Deck)	100.	Sq. Yd.	\$ 83.00	\$ 8,300.00	\$ 60.00	\$ 6,000.00
18	601	Concrete, Class D (Bridge)	96.	Cu. Yd.	\$ 556.00	\$ 53,376.00	\$ 600.00	\$ 57,600.00
19	601	Structural Concrete Coating (Color to be provided by Engineer)	75.	Sq. Yd.	\$ 43.60	\$ 3,270.00	\$ 11.00	\$ 825.00
20	602	Reinforcing Steel	6,200.	Pound	\$ 1.40	\$ 8,680.00	\$ 1.00	\$ 6,200.00

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Item No.	CDOT, City Ref.	Description	Quantity	Units	<u>Skyline Contracting, Inc.</u>		<u>American Civil Constructors</u>	
					Unit Price	Extended Price	Unit Price	Extended Price
21	602	Reinforcing Steel (Epoxy Coated)	3,400.	Pound	\$ 1.80	\$ 6,120.00	\$ 1.00	\$ 3,400.00
22	606	Transition, Type 3J	4.	Ea.	\$ 762.00	\$ 3,048.00	\$ 1,000.00	\$ 4,000.00
23	606	End Anchorage, Type 3K	4.	Ea.	\$ 682.00	\$ 2,728.00	\$ 900.00	\$ 3,600.00
24	606	Bridge Rail, Combination	54.	Lin. Ft.	\$ 138.00	\$ 7,452.00	\$ 190.00	\$ 10,260.00
25	613	4" Conduit, (SCH. 40 PVC) (Includes 45-deg. Sweep Elbows) (Two Elbows per Conduit)	120.	Lin. Ft.	\$ 10.70	\$ 1,284.00	\$ 8.00	\$ 960.00
26	613	6" Conduit Sleeves (West side bridge wingwalls for gas line relocation)	1.	Lump Sum	\$ 833.00	\$ 833.00	\$ 320.00	\$ 320.00
27	618	Precast Concrete Bridge Sections	8.	Ea.	\$ 10,670.00	\$ 85,360.00	\$ 10,300.00	\$ 82,400.00
28	620	Sanitary Facility	1.	Ea.	\$ 327.00	\$ 327.00	\$ 1,000.00	\$ 1,000.00
29	625	Construction Surveying	1.	Lump Sum	\$ 3,325.00	\$ 3,325.00	\$ 8,800.00	\$ 8,800.00
30	626	Mobilization	1.	Lump Sum	\$ 15,220.00	\$ 15,220.00	\$ 44,000.00	\$ 44,000.00
31	630	Traffic Control (Complete in Place) (Traffic Control Plan, See Appendix I)	1.	Lump Sum	\$ 4,263.00	\$ 4,263.00	\$ 6,000.00	\$ 6,000.00
32	630	Flagging	40.	Hour	\$ 25.20	\$ 1,008.00	\$ 29.00	\$ 1,160.00
MCR		Minor Contract Revisions	---	---	\$ 30,000.00	\$ <u>30,000.00</u>	\$ 30,000.00	\$ <u>30,000.00</u>

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				<u>Skyline Contracting, Inc.</u>		<u>American Civil Constructors</u>		
Item No.	CDOT, City Ref.	Description	Quantity	Units	Unit Price	Extended Price	Unit Price	Extended Price
				TOTAL BID:		\$ 356,710.00	\$ 378,865.00	

[1] - corrected extension

[2] - corrected total

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Item No.	CDOT, City Ref.	Description	Quantity	Units	Low Unit Price	High Unit Price	Median Unit Price	Average Unit Price
1	202	Removal of Asphalt Mat	435.	Sq. Yd.	\$ 4.00	\$ 5.00	\$ 4.50	\$ 4.50
2	202	Removal of Ground Sign (Contractor shall remove sign and post and return to the City's Traffic Department)	2.	Ea.	\$ 25.00	\$ 75.00	\$ 52.00	\$ 51.00
3	202	Remove Existing Bridge and Appurtenances	1.	Lump Sum	\$ 6,563.00	\$ 15,000.00	\$ 9,238.00	\$ 10,009.75
4	206	Structure Excavation	350.	Cu. Yd.	\$ 10.70	\$ 33.00	\$ 18.00	\$ 19.93
5	206	Structure Backfill (CDOT Class 1)	500.	Cu. Yd.	\$ 40.00	\$ 45.00	\$ 40.68	\$ 41.59
6	208	Concrete Washout Facility	1.	Lump Sum	\$ 320.00	\$ 1,100.00	\$ 625.00	\$ 667.50
7	208	Straw Erosion Log (8" dia. Minimum)	125.	Lin. Ft.	\$ 4.50	\$ 7.00	\$ 5.00	\$ 5.38
8	212/213	Hydromulch with Dry Land Seed Mix (Disturbed Road Side Slopes)	130.	Sq. Yd.	\$ 1.50	\$ 9.00	\$ 5.50	\$ 5.38
9	304	Aggregate Base Course (Class 6) (15" Thick)	465.	Sq. Yd.	\$ 12.80	\$ 28.25	\$ 20.10	\$ 20.31
10	306	Reconditioning (12" Deep)	510.	Sq. Yd.	\$ 3.90	\$ 7.00	\$ 4.40	\$ 4.93

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11	401	Hot Mix Bituminous Pavement (Grading SX) (75 Gyration) (PG 64-22) (5" Thick) (3" Bottom Lift, 2" Top Lift)	126.	Ton	\$ 123.50	\$ 170.00	\$ 133.00	\$ 139.88
12	401	Hot Mix Bituminous Pavement (Grading SX) (75 Gyration) (PG 64-22) (2" Thick)	4.	Ton	\$ 175.00	\$ 315.00	\$ 262.75	\$ 253.88
13	420	Geogrid (Standard)	465.	Sq. Yd.	\$ 4.50	\$ 8.00	\$ 6.40	\$ 6.33
14	502	Steel H-Piling (HP 12x53)	280.	Lin. Ft.	\$ 52.50	\$ 89.00	\$ 74.00	\$ 72.38
15	502	Pile Tips	14.	Ea.	\$ 120.00	\$ 166.00	\$ 134.50	\$ 138.75
16	507	Slope Paving (Shotcrete) (4,000 psi) (Polypropylene Synthetic Fiber Reinforcement) (4" Thick) (1.5 lbs./cu. yd. concrete) (Fiber Length = Graded)	250.	Sq. Yd.	\$ 40.00	\$ 57.00	\$ 47.75	\$ 48.13
17	519	Thin Bonded Epoxy Overlay (Bridge Deck)	100.	Sq. Yd.	\$ 55.00	\$ 83.00	\$ 64.50	\$ 66.75
18	601	Concrete, Class D (Bridge)	96.	Cu. Yd.	\$ 400.00	\$ 600.00	\$ 480.50	\$ 490.25
19	601	Structural Concrete Coating (Color to be provided by Engineer)	75.	Sq. Yd.	\$ 11.00	\$ 43.60	\$ 26.63	\$ 26.96
20	602	Reinforcing Steel	6,200.	Pound	\$ 0.95	\$ 1.40	\$ 1.03	\$ 1.10

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22	606	Transition, Type 3J	4.	Ea.	\$ 762.00	\$ 1,000.00	\$ 770.00	\$ 825.50
23	606	End Anchorage, Type 3K	4.	Ea.	\$ 682.00	\$ 900.00	\$ 742.00	\$ 766.50
24	606	Bridge Rail, Combination	54.	Lin. Ft.	\$ 138.00	\$ 194.00	\$ 165.00	\$ 165.50
25	613	4" Conduit, (SCH. 40 PVC) (Includes 45-deg. Sweep Elbows) (Two Elbows per Conduit)	120.	Lin. Ft.	\$ 4.00	\$ 10.70	\$ 6.25	\$ 6.80
26	613	6" Conduit Sleeves (West side bridge wingwalls for gas line relocation)	1.	Lump Sum	\$ 20.00	\$ 833.00	\$ 260.00	\$ 343.25
27	618	Precast Concrete Bridge Sections	8.	Ea.	\$ 9,540.00	\$ 10,670.00	\$ 10,176.00	\$ 10,140.50
28	620	Sanitary Facility	1.	Ea.	\$ 327.00	\$ 1,000.00	\$ 400.00	\$ 531.75
29	625	Construction Surveying	1.	Lump Sum	\$ 3,325.00	\$ 8,800.00	\$ 4,650.00	\$ 5,356.25
30	626	Mobilization	1.	Lump Sum	\$ 14,832.50	\$ 44,000.00	\$ 22,990.00	\$ 26,203.13
31	630	Traffic Control (Complete in Place) (Traffic Control Plan, See Appendix I)	1.	Lump Sum	\$ 4,263.00	\$ 6,000.00	\$ 4,287.50	\$ 4,709.50
32	630	Flagging	40.	Hour	\$ 22.00	\$ 29.00	\$ 25.25	\$ 25.38
MCR		Minor Contract Revisions	---	---	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00	\$ 30,000.00

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Item No.	CDOT, City Ref.	Description	Quantity	Units	Low Unit Price	High Unit Price	Median Unit Price	Average Unit Price
TOTAL BID:								

[1] - corrected extension

[2] - corrected total