

Appendix N

Construction Cost Estimates

DEPARTMENT OF TRANSPORTATION

Bureau of Highways

ESTIMATE SHEET

Jefferson County

Fed No.

Road Name: **Chenoweth Lane Alternative 2 "Urban"**

From: RAILROAD CROSSING

To: MASSIE AVENUE

Net Length, M: 0.23 Type of Construction: Grade, Drain & Surfacing Class of Road: Urban Arterial

Item #	Item	Quantity	Unit	Unit Price	Amount
1810	STANDARD CURB & GUTTER	2,184	LF	\$18	\$39,312
1875	STANDARD HEADER CURB	86	LF	\$45	\$3,870
2720	SIDEWALK-4 IN CONCRETE (Widen & Replace)	1,208	SQ YD	\$40	\$48,320
23158ES505	DETECTABLE WARNINGS	80	SQ FT	\$50	\$4,000
388	ASPHALT SURFACE OVERLAY	299	TON	\$75	\$22,399
2650	MAINTAIN & CONTROL TRAFFIC	1	LS	\$50,000	\$50,000
521	STORM SEWER PIPE-15 IN	160	LF	\$52	\$8,320
	MSD/METRO SINGLE GRATE INLET	6	EACH	\$2,500	\$15,000
	MSD/METRO DBL. GRATE INLET	4	EACH	\$3,000	\$12,000
	MSD/METRO YARD DRAIN	1	EACH	\$1,500	\$1,500
1708	RECONSTRUCT CATCH BASIN	3	EACH	\$1,000	\$3,000
Itemized Sub-Total					\$207,800
+25% Miscellaneous					\$ 52,000
Grade & Drain & Surfacing Sub-Total					\$ 259,800
+30% Engr. & Contg.					\$ 78,000
Chenoweth Lane - Urban Alternate (Railroad to Massie Ave.) - Grade, Drain & Surfacing Total					\$ 337,800

PRELIMINARY - For Planning Purposes Only

Estimated by: A. Gilley & S. Arnold

Date: 2/4/16

Checked by: A. Zimmerman

Updated: 6/14/2016

DEPARTMENT OF TRANSPORTATION

Bureau of Highways

ESTIMATE SHEET

Jefferson County

Fed No.

Road Name: **Chenoweth Lane Alternative 2 "Urban"**

From: MASSIE AVENUE

To: US 42 (BROWNSBORO ROAD)

Net Length, M: 0.77 Type of Construction: Grade & Drain & Surfacing Class of Road: Urban Arterial

Item #	Item	Quantity	Unit	Unit Price	Amount
1810	STANDARD CURB & GUTTER	8,362	LF	\$18	\$150,516
1875	STANDARD HEADER CURB	146	LF	\$45	\$6,570
2720	SIDEWALK-4 IN CONCRETE (New)	2,150	SQ YD	\$40	\$86,000
2720	SIDEWALK-4 IN CONCRETE (Widen & Replace)	2,063	SQ YD	\$40	\$82,520
23158ES505	DETECTABLE WARNINGS	340	SF	\$50	\$17,000
388	ASPHALT SURFACE OVERLAY	785	TON	\$75	\$58,895
2650	MAINTAIN & CONTROL TRAFFIC	1	LS	\$50,000	\$50,000
521	STORM SEWER PIPE-15 IN	2,950	LF	\$52	\$153,400
522	STORM SEWER PIPE-18 IN	1560	LF	\$63	\$98,280
1756	MANHOLE TYPE A	2	EACH	\$3,300	\$6,600
	MSD/METRO SINGLE GRATE INLET	40	EACH	\$2,500	\$100,000
	MSD/METRO DBL. GRATE INLET	2	EACH	\$3,000	\$6,000
	MSD/METRO YARD DRAIN	22	EACH	\$1,500	\$33,000
Itemized Sub-Total					\$848,800
+25% Miscellaneous					\$ 212,200
Grade & Drain & Surfacing Sub-Total					\$ 1,061,000
+30% Engr. & Contg.					\$ 318,300
Chenoweth Lane - Urban Alternate (Massie Ave. to US 42) - Grade, Drain & Surfacing Total					\$ 1,379,300

PRELIMINARY - For Planning Purposes Only

Estimated by: A. Gilley & S. Arnold

Date: 2/4/16

Checked by: A. Zimmerman

Updated: 6/14/2016

DEPARTMENT OF TRANSPORTATION

Bureau of Highways

ESTIMATE SHEET

Jefferson County

Fed No.

Road Name: **Chenoweth Lane Alternative 3 "Urban to Rural"**

From: RAILROAD CROSSING

To: MASSIE AVENUE

Net Length, M: 0.23 Type of Construction: Grade, Drain & Surfacing Class of Road: Urban Arterial

Item #	Item	Quantity	Unit	Unit Price	Amount
1810	STANDARD CURB & GUTTER	2,184	LF	\$18	\$39,312
1875	STANDARD HEADER CURB	86	LF	\$45	\$3,870
2720	SIDEWALK-4 IN CONCRETE (Widen & Replace)	1,208	SQ YD	\$40	\$48,320
23158ES505	DETECTABLE WARNINGS	80	SQ FT	\$50	\$4,000
388	ASPHALT SURFACE OVERLAY	299	TON	\$75	\$22,399
2650	MAINTAIN & CONTROL TRAFFIC	1	LS	\$50,000	\$50,000
521	STORM SEWER PIPE-15 IN	220	LF	\$52	\$11,440
	MSD/METRO SINGLE GRATE INLET	7	EACH	\$2,500	\$17,500
	MSD/METRO DBL. GRATE INLET	2	EACH	\$3,000	\$6,000
	MSD/METRO YARD DRAIN	1	EACH	\$1,500	\$1,500
1708	RECONSTRUCT CATCH BASIN	3	EACH	\$1,000	\$3,000
Itemized Sub-Total					\$207,400
+25% Miscellaneous					\$ 51,900
Grade & Drain & Surfacing Sub-Total					\$ 259,300
+30% Engr. & Contg.					\$ 77,800
Chenoweth Lane - Urban to Rural Alternate (Railroad to Massie Ave.) - Grade, Drain & Surfacing Total					\$ 337,100

PRELIMINARY - For Planning Purposes Only

Estimated by: A. Gilley & S. Arnold

Date: 2/4/16

Checked by: A. Zimmerman

Updated: 6/14/2016

DEPARTMENT OF TRANSPORTATION

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ESTIMATE SHEET

Jefferson County

Fed No.

Road Name: **Chenoweth Lane Alternative 3 "Urban to Rural"**

From: MASSIE AVENUE

To: US 42 (BROWNSBORO ROAD)

Net Length, M: 0.77 Type of Construction: Grade & Drain & Surfacing Class of Road: Urban Arterial

Item #	Item	Quantity	Unit	Unit Price	Amount
2720	SIDEWALK-4 IN CONCRETE (New)	2,139	SQ YD	\$40	\$85,560
2720	SIDEWALK-4 IN CONCRETE (Widen & Replace)	2,038	SQ YD	\$40	\$81,520
23158ES505	DETECTABLE WARNINGS	340	SF	\$50	\$17,000
388	ASPHALT SURFACE OVERLAY	766	TON	\$75	\$57,430
2650	MAINTAIN & CONTROL TRAFFIC	1	LS	\$50,000	\$50,000
521	STORM SEWER PIPE-15 IN	190	LF	\$52	\$9,880
522	STORM SEWER PIPE-18 IN	145	LF	\$63	\$9,135
	MSD/METRO SINGLE GRATE INLET	1	EACH	\$2,500	\$2,500
	MSD/METRO YARD DRAIN	11	EACH	\$1,500	\$16,500
2237	DITCHING	1,310	LF	\$4	\$5,240
Itemized Sub-Total					\$334,800
+25% Miscellaneous					\$ 83,700
Grade & Drain & Surfacing Sub-Total					\$ 418,500
+30% Engr. & Contg.					\$ 125,600
Chenoweth Lane - Urban to Rural Alternate (Massie Ave. to US 42) - Grade, Drain & Surfacing Total					\$ 544,100

PRELIMINARY - For Planning Purposes Only

Estimated by: A. Gilley & S. Arnold

Date: 2/4/16

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Updated: 6/14/2016