

Addendum A: Roadway Refurbishment and Replacement Cost Estimates

Dirt Roadways

Streets	Sum of Square Feet	Maintenance Cost
E GOVERNMENT AVE	9895.896	\$ 989.59
E WILLIAMS AVE	8269.776	\$ 826.98
N 620 EAST	6956.208	\$ 695.62
N BOX ELDER ST	37441.7	\$ 3,744.17
N COTTONWOOD ST	23781.114	\$ 2,378.11
N ELM ST	24857.74	\$ 2,485.77
N MAPLE ST	12699.76	\$ 1,269.98
N MULBERRY ST	4335.98	\$ 433.60
N PINION ST	7639.428	\$ 763.94
N REDWOOD ST	7669.464	\$ 766.95
N WATER CANYON RD	78935.968	\$ 7,893.60
W JESSOP AVE	79215.7	\$ 7,921.57
W NEWEL AVE	26144.98	\$ 2,614.50
W UTAH AVE	12813.34	\$ 1,281.33
Total		\$ 34,065.71

Gravel Roadways

Streets	Sum of Square Feet	Replacement Cost	Annualized Cost
N BOX ELDER ST	12900.36	\$ 6,450.18	\$ 2,150.06
N ELM ST	12760.4	\$ 6,380.20	\$ 2,126.73
N HAMMON ST	10851.86	\$ 5,425.93	\$ 1,808.64
N HOMESTEAD ST	12121.22	\$ 6,060.61	\$ 2,020.20
N JUNIPER ST	12498.98	\$ 6,249.49	\$ 2,083.16
N LOUIS ST	4016.752	\$ 2,008.38	\$ 669.46
N REDWOOD ST	7986.492	\$ 3,993.25	\$ 1,331.08
N WILLOW ST	24829.72	\$ 12,414.86	\$ 4,138.29
W FIELD AVE	41829	\$ 20,914.50	\$ 6,971.50
W NEWEL AVE	75120.96	\$ 37,560.48	\$ 12,520.16
Total		\$ 107,457.87	\$ 35,819.29

Asphalt Roadways

Streets	Sum of Square Feet	Replacement Cost	Annualized Cost
N CARLING ST	25,088.40	\$ 200,707.20	\$ 8,028.29
W UZONA AVE	11,090.32	\$ 88,722.56	\$ 3,548.90
Total		\$ 289,429.76	\$ 11,577.19

Chip Sealed Roadways

Streets	Sum of Square Feet	Replacement Cost	Annual Cost of Replacement
E JESSOP AVE	40,434.22	\$ 161,736.88	\$ 10,782.46
E NEWEL AVE	26,896.84	\$ 107,587.36	\$ 7,172.49
E UTAH AVE	59,601.94	\$ 238,407.76	\$ 15,893.85
N CANYON ST	71,555.04	\$ 286,220.16	\$ 19,081.34
N CARLING ST	42,391.44	\$ 169,565.76	\$ 11,304.38
N CENTRAL ST	23,516.70	\$ 94,066.80	\$ 6,271.12
N ELM ST	13,325.04	\$ 53,300.16	\$ 3,553.34
N HILDALE ST	38,098.70	\$ 152,394.80	\$ 10,159.65
N JUNIPER ST	38,227.66	\$ 152,910.64	\$ 10,194.04
N LAURITZEN ST	24,806.92	\$ 99,227.68	\$ 6,615.18
N MAPLE ST	25,969.80	\$ 103,879.20	\$ 6,925.28
N MAXWELL PKWY	50,210.52	\$ 200,842.08	\$ 13,389.47
N MEMORIAL ST	26,956.02	\$ 107,824.08	\$ 7,188.27
N MULBERRY ST	37,590.84	\$ 150,363.36	\$ 10,024.22
N PINION ST	24,454.62	\$ 97,818.48	\$ 6,521.23
N RICHARD ST	24,776.48	\$ 99,105.92	\$ 6,607.06
N WESTERN PRECISION PKWY	13,352.78	\$ 53,411.12	\$ 3,560.74
W FIELD AVE	143,112.78	\$ 572,451.12	\$ 38,163.41
W UTAH AVE	100,068.90	\$ 400,275.60	\$ 26,685.04
W UZONA AVE	37,046.74	\$ 148,186.96	\$ 9,879.13
Total		\$ 3,449,575.92	\$ 229,971.73

	Present Cost	Annualized Cost	Annualized Inflation Adjustment	10-Inflation Adjusted-Total	10-Inflation Annualized
Chip Sealed	\$ 3,449,575.92	\$ 229,971.73	\$ 11,958.53	\$5,726,946.23	\$381,796.42
Asphalt	\$ 289,429.76	\$ 11,577.19	\$ 602.01	\$480,507.96	\$19,220.32
Gravel	\$ 107,457.87	\$ 35,819.29	\$ 1,862.60	\$178,400.32	\$59,466.77
Dirt		\$ 34,065.71	\$ 1,771.42	\$0.00	\$56,555.49
Total	\$ 3,846,463.55	\$ 311,433.91	\$ 16,194.56	\$6,385,854.51	\$517,039.00

Addendum B: Highway Expansion at State Route 59

SUNRISE ENGINEERING, INC.



Concept Estimate

Hildale City — State Street Improvements

By: CCG
Date: 3/8/2022

ITEM NO.	ITEM	QUANTITY	UNIT	UNIT PRICE	TOTAL
1	Mobilization	1	LUMP	\$ 90,000.00	\$ 90,000.00
2	Traffic Control	1	LUMP	\$ 30,000.00	\$ 30,000.00
3	Survey + Construction Staking	1	LUMP	\$ 25,000.00	\$ 25,000.00
4	Roadway Excavation (Includes Saw Cutting)	17,830	CY	\$ 34.00	\$ 606,220.00
5	Granular Borrow	10,400	CY	\$ 45.00	\$ 468,000.00
6	Untreated Base Course	2,850	CY	\$ 54.00	\$ 153,900.00
7	HMA - 1/2 inch	6,300	TON	\$ 120.00	\$ 756,000.00
8	Emulsified Asphalt (Tack)	23	TON	\$ 800.00	\$ 18,400.00
9	Rotomilling - 2 Inch	21,500	SY	\$ 8.00	\$ 172,000.00
10	Pavement Marking Paint	185	GAL	\$ 42.00	\$ 7,770.00
11	Pavement Message (Preformed Thermoplastic)	16	EA	\$ 600.00	\$ 9,600.00
12	Chip Seal Coat, Type II (Includes LMCRS-2 Emulsion, CSS-1 or CSS-1h Flush)	5,670	SY	\$ 8.00	\$ 45,360.00
13	Traffic Signals	3	EA	\$ 65,000.00	\$ 195,000.00
14	<i>Preliminary Engineering + Survey</i>	1	EA	\$ 100,000.00	\$ 100,000.00
15	<i>Construction Management</i>	1	EA	\$ 100,000.00	\$ 100,000.00
				Construction Subtotal	\$ 2,777,250.00
				Contingency (15%)	\$ 416,600.00
				Total	\$ 3,193,850.00

Addendum C: Highway Round-Abouts

Cost Estimate for a Roundabout

Item	Unit	QTY	Unit Cost	Total Cost
Asphalt Removal	SF	8000	\$ 1.75	\$ 14,000.00
Road Base (12" Thick)	SF	5000	\$ 4.00	\$ 20,000.00
Asphalt (Assume 12" Thick)	SF	5000	\$ 8.00	\$ 40,000.00
Curb and Gutter	LF	180	\$ 40.00	\$ 7,200.00
Earthwork and Grading	LS	1	\$ 5,000.00	\$ 5,000.00
Landscaping	SF	2000	\$ 15.00	\$ 30,000.00
Drainage Improvements	LS	1	\$ 10,000.00	\$ 10,000.00
Incidentals	LS	8%	\$ 9,300.00	\$ 9,300.00
Contingency			20%	\$ 27,100.00
Total Estimated Roundabout Construction Cost				\$ 162,600.00
Professional Services		15%	\$ 24,390.00	\$ 24,390.00
Total Estimated Project Cost				\$ 186,990.00

Priority List

	Year	Inflation Adjusted
Utah Avenue SR-59	2025	\$198,377.69
Utah Central Street	2026	\$204,329.02
Uzona Ave SR-59	2026	\$204,329.02
1400 N Highway	2035	\$266,603.03
2000 N Highway	2040	\$309,065.98