

BOULDER JUNCTION ROAD PROJECT COST ESTIMATE - ALL ROADS

PLAN CAT	01_22_18 ROAD NAME	Length		RESURFACE PLAN (miles)			RESURFACE COST EST	Work Scope				TOTAL
		Miles	Accum.	Gravel	Chip	Asphalt		Type	Surface	Extra	Engrg	
1	Ada Street	0.25	0.25		0.25		\$7,500	RH	\$ 7,500	\$ -	\$ 500	\$ 8,000
3	Airport Road (gravel)	0.90	1.15		0.90		\$67,500	RC	\$ 87,750	\$ 34,046	\$ 10,962	\$ 132,758
1	Airport Road (paved)	1.50	2.65		1.50		\$112,500	RC	\$ 146,250	\$ 56,744	\$ 18,269	\$ 221,263
1	Allen Road	0.68	3.33		0.68		\$0	RH	\$ -	\$ -	\$ -	\$ -
1	Allequash Lake Road	0.94	4.27		0.94		\$28,200	RH	\$ 28,200	\$ -	\$ 500	\$ 28,700
2	Annes Place	0.05	4.32			0.05	\$10,350	RC	\$ 11,385	\$ -	\$ 3,000	\$ 14,385
2	Annes Place	0.09	4.41			0.09	\$18,630	RH	\$ 18,630	\$ -	\$ 500	\$ 19,130
1	Arrowhead Drive	0.45	4.86		0.45		\$33,750	RH	\$ 33,750	\$ 17,023	\$ 500	\$ 51,273
3	Arrowhead Drive	0.15	5.01		0.15		\$11,250	RH	\$ 11,250	\$ 5,674	\$ 500	\$ 17,424
1	Bakken Road (East)	1.07	6.08		1.07		\$80,250	RC	\$ 104,325	\$ 101,185	\$ 18,496	\$ 224,006
1	Bakken Road (West)	2.15	8.23		2.15		\$64,500	RH	\$ 64,500	\$ -	\$ 500	\$ 65,000
3	Balsam Lane	0.35	8.58		0.35		\$26,250	RH	\$ 26,250	\$ 10,927	\$ 500	\$ 37,677
3	Bass Lake Road	0.41	8.99		0.41		\$30,750	RH	\$ 30,750	\$ 10,000	\$ 500	\$ 41,250
2	Bear Lake Road	3.26	12.25		3.26		\$97,800	RH	\$ 97,800	\$ -	\$ 500	\$ 98,300
2	Ben Bendrick Drive	1.70	13.95		1.70		\$51,000	RH	\$ 51,000	\$ -	\$ 500	\$ 51,500
1	Big Muskellunge Road	1.53	15.48		1.53		\$114,750	RH	\$ 114,750	\$ 57,879	\$ 500	\$ 173,129
4	Big Muskellunge Road	0.46	15.94	0.46			\$0	RH	\$ -	\$ -	\$ -	\$ -
3	Birch Drive	0.25	16.19		0.25		\$18,750	RH	\$ 18,750	\$ 5,105	\$ 500	\$ 24,355
3	Birch Point Lane	0.19	16.38		0.19		\$14,250	RH	\$ 14,250	\$ 10,000	\$ 500	\$ 24,750
1	Birchwood Lane	0.36	16.74		0.36		\$10,800	RH	\$ 10,800	\$ -	\$ 500	\$ 11,300
1	Blaisdell Street	0.17	16.91		0.17		\$5,100	RH	\$ 5,100	\$ -	\$ 500	\$ 5,600
3	Blue Heron Lane	0.12	17.03		0.12		\$9,000	RH	\$ 9,000	\$ 3,746	\$ 500	\$ 13,246
1	Blueberry Lane	0.25	17.28		0.25		\$7,500	RH	\$ 7,500	\$ -	\$ 500	\$ 8,000
1	Boulder Lane	0.40	17.68		0.40		\$30,000	RH	\$ 30,000	\$ 8,168	\$ 500	\$ 38,668
3	Camp Manitowish Lane (East)	0.50	18.18		0.50		\$37,500	RH	\$ 37,500	\$ 18,915	\$ 500	\$ 56,915
1	Camp Manitowish Lane (West)	0.50	18.68		0.50		\$15,000	RH	\$ 15,000	\$ -	\$ 500	\$ 15,500
1	Campo Fiesta Lane	0.13	18.81		0.13		\$9,750	RH	\$ 9,750	\$ 4,918	\$ 500	\$ 15,168
1	Cattail Cove Lane	0.75	19.56		0.75		\$56,250	RH	\$ 56,250	\$ -	\$ 500	\$ 56,750
1	Cemetary Road	0.18	19.74		0.18		\$5,400	RH	\$ 5,400	\$ -	\$ 500	\$ 5,900
1	Center Street	0.31	20.05		0.31		\$9,300	RH	\$ 9,300	\$ -	\$ 500	\$ 9,800
1	Charlotte Place Lane	0.25	20.30		0.25		\$7,500	RH	\$ 7,500	\$ -	\$ 500	\$ 8,000
1	Church Street	0.14	20.44		0.14		\$10,500	RH	\$ 10,500	\$ -	\$ 500	\$ 11,000
3	Clear View Drive	0.34	20.78		0.34		\$25,500	RH	\$ 25,500	\$ -	\$ 500	\$ 26,000
1	Community Street	0.20	20.98		0.20		\$6,000	RH	\$ 6,000	\$ -	\$ 500	\$ 6,500
1	Concora Road	0.80	21.78		0.80		\$60,000	RH	\$ 60,000	\$ 30,263	\$ 500	\$ 90,763
1	Dairymens Road	1.55	23.33		1.55		\$46,500	RC	\$ 46,500	\$ -	\$ 500	\$ 47,000
3	Dam Road	0.80	24.13		0.80		\$60,000	RH	\$ 60,000	\$ 30,263	\$ 500	\$ 90,763
4	Day Lake Landing Road	0.22	24.35	0.22			\$0	RH	\$ -	\$ -	\$ -	\$ -
4	Day Lake Road	2.91	27.26	2.91			\$0	RH	\$ -	\$ -	\$ -	\$ -
1	Dolittle Road	0.15	27.41		0.15		\$11,250	RH	\$ 11,250	\$ -	\$ 500	\$ 11,750
1	East Fitzgerald Lane	0.11	27.52		0.11		\$8,250	RH	\$ 8,250	\$ -	\$ 500	\$ 8,750
3	En-Dah Win Lane	0.15	27.67		0.15		\$11,250	RH	\$ 11,250	\$ -	\$ 500	\$ 11,750
1	Evergreen Lane	1.58	29.25		1.58		\$47,400	RH	\$ 47,400	\$ -	\$ 500	\$ 47,900
1	Evergreen Lane	0.40	29.65		0.40		\$30,000	RH	\$ 30,000	\$ -	\$ 500	\$ 30,500
1	Fallon Road	2.08	31.73		2.08		\$156,000	RH	\$ 156,000	\$ -	\$ 500	\$ 156,500
1	Fishtrap Lake Road	2.04	33.77		2.04		\$0	RH	\$ -	\$ -	\$ -	\$ -
1	Fitzgerald Lane	0.20	33.97		0.20		\$15,000	RH	\$ 15,000	\$ 4,922	\$ 500	\$ 20,422
1	Fox Trail	0.06	34.03		0.06		\$4,500	RH	\$ 4,500	\$ 12,160	\$ 500	\$ 17,160
1	Glen Lake Road	0.25	34.28		0.25		\$18,750	RH	\$ 18,750	\$ 7,805	\$ 500	\$ 27,055
2	Good Life Lane	0.44	34.72		0.44		\$13,200	RH	\$ 13,200	\$ -	\$ 500	\$ 13,700

BOULDER JUNCTION ROAD PROJECT COST ESTIMATE - ALL ROADS

PLAN	01_22_18	Length		RESURFACE PLAN (miles)			RESURFACE COST EST	Work Scope				TOTAL
		CAT	ROAD NAME	Miles	Accum.	Gravel		Chip	Asphalt	Type	Surface	
3	Grahl Lane	0.43	35.15		0.43		\$32,250	RH	\$ 32,250	\$ 16,267	\$ 500	\$ 49,017
1	Green Street	0.27	35.42		0.27		\$20,250	RH	\$ 20,250	\$ 4,860	\$ 500	\$ 25,610
2	Halverson Lane	0.12	35.54		0.12		\$3,600	RH	\$ 3,600	\$ -	\$ 500	\$ 4,100
1	Harmony Point Lane	0.60	36.14		0.60		\$45,000	RH	\$ 45,000	\$ 18,000	\$ 500	\$ 63,500
1	High Lake Road	2.00	38.14		2.00		\$60,000	RH	\$ 60,000	\$ -	\$ 500	\$ 60,500
1	High Lake Road	1.30	39.44		1.30		\$97,500	RH	\$ 97,500	\$ 67,585	\$ 500	\$ 165,585
1	High Pines Lane	1.10	40.54		1.10		\$82,500	RH	\$ 82,500	\$ -	\$ 500	\$ 83,000
1	High-Fishtrap Lake Road	1.10	41.64		1.10		\$82,500	RH	\$ 82,500	\$ -	\$ 500	\$ 83,000
1	Highland Drive	0.28	41.92		0.28		\$21,000	RH	\$ 21,000	\$ 10,000	\$ 500	\$ 31,500
1	Island Lake Road	1.28	43.20		1.28		\$96,000	RH	\$ 96,000	\$ 63,001	\$ 500	\$ 159,501
3	Jag Lake Road	0.08	43.28		0.08		\$6,000	RH	\$ 6,000	\$ -	\$ 500	\$ 6,500
1	Kassien Lane	0.54	43.82		0.54		\$16,200	RH	\$ 16,200	\$ -	\$ 500	\$ 16,700
1	Keego Road	1.25	45.07		1.25		\$93,750	RH	\$ 93,750	\$ -	\$ 500	\$ 94,250
4	Keego Road East	1.31	46.38	1.31			\$0	RH	\$ -	\$ -	\$ -	\$ -
1	Kern Lane	1.10	47.48		1.10		\$82,500	RH	\$ 82,500	\$ 41,612	\$ 500	\$ 124,612
1	La Fave Road	1.24	48.72		1.24		\$93,000	RH	\$ 93,000	\$ -	\$ 500	\$ 93,500
3	Little Crooked Lane	0.38	49.10		0.38		\$28,500	RH	\$ 28,500	\$ -	\$ 500	\$ 29,000
2	Little Rice Lane	0.10	49.20			0.10	\$20,700	RC	\$ 22,770	\$ 2,461	\$ 3,000	\$ 28,231
1	Little Rice Lane	0.18	49.38		0.18		\$13,500	RC	\$ 17,550	\$ 4,430	\$ 3,000	\$ 24,980
1	Lucas Lane	0.15	49.53		0.15		\$11,250	RH	\$ 11,250	\$ -	\$ 500	\$ 11,750
4	Major Road	0.50	50.03	0.50			\$0	RH	\$ -	\$ -	\$ -	\$ -
1	Mann Lake Road	0.75	50.78		0.75		\$56,250	RH	\$ 56,250	\$ -	\$ 500	\$ 56,750
3	Maple Lake Road	0.35	51.13		0.35		\$26,250	RH	\$ 26,250	\$ -	\$ 500	\$ 26,750
3	Marsh Road	1.04	52.17		1.04		\$78,000	RH	\$ 78,000	\$ -	\$ 500	\$ 78,500
1	Middle Gresham Lane	0.43	52.60		0.43		\$12,900	RH	\$ 12,900	\$ -	\$ 500	\$ 13,400
3	Natures Way	0.12	52.72		0.12		\$9,000	RH	\$ 9,000	\$ 1,586	\$ 500	\$ 11,086
3	Nebish lake Road	1.97	54.69		1.97		\$147,750	RH	\$ 147,750	\$ -	\$ 500	\$ 148,250
1	Newcomb Lane	3.50	58.19		3.50		\$262,500	RH	\$ 262,500	\$ 18,000	\$ 500	\$ 281,000
1	Nichols Lake Lane	0.63	58.82		0.63		\$18,900	RH	\$ 18,900	\$ -	\$ 500	\$ 19,400
4	Nixon Lake Road	2.60	61.42	2.60			\$0	RH	\$ -	\$ -	\$ -	\$ -
1	North Creek Road	4.57	65.99		4.57		\$342,750	RH	\$ 342,750	\$ 136,570	\$ 500	\$ 479,820
3	North Oswego Lake Road	0.24	66.23		0.24		\$18,000	RH	\$ 18,000	\$ 8,286	\$ 500	\$ 26,786
1	Old 51 Road (Town Line - Island Lake)	1.07	67.30			1.07	\$32,100	RH	\$ 32,100	\$ -	\$ 500	\$ 32,600

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PLAN	01_22_18	Length		RESURFACE PLAN (miles)			RESURFACE COST EST	Work Scope				TOTAL
		CAT	ROAD NAME	Miles	Accum.	Gravel		Chip	Asphalt	Type	Surface	
3	Old 51 Road E	0.50	67.80		0.50		\$37,500	RH	\$ 37,500	\$ 10,210	\$ 500	\$ 48,210
4	Old 51 Road E	1.49	69.29	1.49			\$0	RH	\$ -	\$ -	\$ -	\$ -
1	Old K Road	2.39	71.68		2.39		\$179,250	RH	\$ 179,250	\$ -	\$ 500	\$ 179,750
2	Old K Road	0.40	72.08			0.40	\$82,800	RC	\$ 91,080	\$ -	\$ 8,197	\$ 99,277
1	Oswego-Fishtrap Lake Road	1.90	73.98		1.90		\$57,000	RH	\$ 57,000	\$ -	\$ 500	\$ 57,500
3	Partridge Lane	1.10	75.08		1.10		\$82,500	RH	\$ 82,500	\$ 34,342	\$ 500	\$ 117,342
3	Perch Lane	0.23	75.31		0.23		\$17,250	RH	\$ 17,250	\$ 8,701	\$ 500	\$ 26,451
1	Pine Lane	0.45	75.76		0.45		\$13,500	RH	\$ 13,500	\$ -	\$ 500	\$ 14,000
3	Pine Shores Lane	0.06	75.82		0.06		\$4,500	RH	\$ 4,500	\$ -	\$ 500	\$ 5,000
3	Pinewood Lane	0.12	75.94		0.12		\$9,000	RH	\$ 9,000	\$ -	\$ 500	\$ 9,500
3	Platinum Lane	0.23	76.17		0.23		\$17,250	RH	\$ 17,250	\$ -	\$ 500	\$ 17,750
3	Point Lane	0.25	76.42		0.25		\$18,750	RH	\$ 18,750	\$ -	\$ 500	\$ 19,250
1	Red Fox Lane	0.09	76.51		0.09		\$6,750	RH	\$ 6,750	\$ 3,405	\$ 500	\$ 10,655
1	Reible Court	0.12	76.63		0.12		\$3,600	RH	\$ 3,600	\$ -	\$ 500	\$ 4,100
1	Ridge Lane	0.90	77.53		0.90		\$27,000	RH	\$ 27,000	\$ -	\$ 500	\$ 27,500
3	Ridge Lane	0.30	77.83		0.30		\$22,500	RH	\$ 22,500	\$ 9,366	\$ 500	\$ 32,366
1	Rintlemen	0.60	78.43		0.60		\$45,000	RH	\$ 45,000	\$ -	\$ 500	\$ 45,500
3	River lane	0.20	78.63		0.20		\$15,000	RH	\$ 15,000	\$ 6,244	\$ 500	\$ 21,744
1	Rocky Reef Lane	0.54	79.17		0.54		\$16,200	RH	\$ 16,200	\$ -	\$ 500	\$ 16,700
1	Round Lake Road	0.10	79.27		0.10		\$3,000	RH	\$ 3,000	\$ -	\$ 500	\$ 3,500
2	Rudolph Lake Lane	0.10	79.37			0.10	\$20,700	RH	\$ 20,700	\$ 3,783	\$ 500	\$ 24,983
1	Rudolph Lake Lane	0.50	79.87		0.50		\$37,500	RH	\$ 37,500	\$ 18,915	\$ 500	\$ 56,915
1	Rustic Colony Lane	0.27	80.14		0.27		\$8,100	RH	\$ 8,100	\$ -	\$ 500	\$ 8,600
1	Senior Drive	0.20	80.34		0.20		\$6,000	RH	\$ 6,000	\$ -	\$ 500	\$ 6,500
1	Shamrock Lane	0.30	80.64		0.30		\$22,500	RC	\$ 29,250	\$ 7,383	\$ 3,297	\$ 39,930
2	Shamrock Lane	0.10	80.74			0.10	\$20,700	RC	\$ 22,770	\$ 2,461	\$ 3,000	\$ 28,231
1	Sherry Drive	0.05	80.79		0.05		\$3,750	RH	\$ 3,750	\$ -	\$ 500	\$ 4,250
1	Shore Drive	1.03	81.82		1.03		\$77,250	RH	\$ 77,250	\$ -	\$ 500	\$ 77,750
3	South Rudolph Lake Lane	0.26	82.08		0.26		\$19,500	RH	\$ 19,500	\$ -	\$ 500	\$ 20,000
3	South Shore Bay Lane	0.15	82.23		0.15		\$11,250	RH	\$ 11,250	\$ -	\$ 500	\$ 11,750
1	Spruce Drive	0.22	82.45		0.22		\$16,500	RH	\$ 16,500	\$ 8,322	\$ 500	\$ 25,322
1	Stiloski Lane	0.37	82.82		0.37		\$0	RH	\$ -	\$ -	\$ -	\$ -
3	Street Lake Lane	0.65	83.47		0.65		\$48,750	RH	\$ 48,750	\$ 24,589	\$ 500	\$ 73,839
3	Sunset Lane	0.30	83.77		0.30		\$22,500	RH	\$ 22,500	\$ -	\$ 500	\$ 23,000
2	Town Hall Road	0.12	83.89		0.12		\$3,600	RH	\$ 3,600	\$ -	\$ 500	\$ 4,100
1	Town Line Rd North (Town Road 116)	1.00	84.89		1.00		\$30,000	RH	\$ 30,000	\$ -	\$ 500	\$ 30,500
1	Town Line South	1.36	86.25		1.36		\$40,800	RH	\$ 40,800	\$ -	\$ 500	\$ 41,300
3	Town Road 119 (Clear View)	0.14	86.39		0.14		\$10,500	RH	\$ 10,500	\$ -	\$ 500	\$ 11,000
2	Transfer Site	1.00	87.39			1.00	\$150,000	RC	\$ 165,000	\$ -	\$ 14,850	\$ 179,850
1	Trout Lane	0.20	87.59		0.20		\$15,000	RH	\$ 15,000	\$ 7,566	\$ 500	\$ 23,066
4	Vandercook Road	0.08	87.67	0.08			\$0	RH	\$ -	\$ -	\$ -	\$ -
3	West Big Lake Road	1.04	88.71		1.04		\$78,000	RH	\$ 78,000	\$ -	\$ 500	\$ 78,500
3	White Birch Lane	0.45	89.16		0.45		\$33,750	RH	\$ 33,750	\$ 17,023	\$ 500	\$ 51,273
3	White Deer Lane	0.12	89.28		0.12		\$9,000	RH	\$ 9,000	\$ 4,540	\$ 500	\$ 14,040
3	Whitney Lake Road	1.00	90.28		1.00		\$75,000	RH	\$ 75,000	\$ 37,829	\$ 500	\$ 113,329
1	WILDWOOD LANE	0.06	90.34		0.06		\$4,500	RH	\$ 4,500	\$ 2,270	\$ 500	\$ 7,270
3	WILSON LANE	0.21	90.55		0.21		\$15,750	RH	\$ 15,750	\$ 7,944	\$ 500	\$ 24,194
1	Wool Lake Lane	0.36	90.91		0.36		\$27,000	RH	\$ 27,000	\$ 13,619	\$ 500	\$ 41,119
PROJECT TOTALS		90.91		9.57	78.43	2.91	\$4,891,830		\$ 5,009,160	\$ 1,050,912	\$ 141,071	\$ 6,201,143
<i>IMPROVEMENT TOTALS</i>									\$ 4,233,960	\$ 1,050,912	\$ 124,571	\$ 5,409,443

BOULDER JUNCTION ROAD PROJECT COST ESTIMATE - ALL ROADS

PLAN	01_22_18	Length		RESURFACE PLAN (miles)			RESURFACE COST EST	Work Scope							
		Miles	Accum.	Gravel	Chip	Asphalt		Type	Surface	Extra	Engrg	TOTAL			
<i>MAINTENANCE TOTALS</i>								\$	775,200	\$	-	\$	16,500	\$	791,700

COLOR KEY

- 1 Chip Seal/Asphalt, repaving planned, same surface
- 2 Paved Road, repaving planned, new surface
- 3 Existing Gravel Road, planned upgrade to pavement
- 4 Existing Gravel Road, general grading and gravel
- In 5-Year Maintenance Cycle
- 2017 Construction

ESTIMATED FINANCE AMOUNT \$4,868,499
ESTIMATED GRANT AMOUNT \$540,944

PAVING COST PER MILE

New Surface			
	Gravel	Chip Seal	Asphalt
GRAVEL	\$ 40,000	\$ 65,000	\$ 197,000
CHIP SEAL		\$ 75,000	\$ 207,000
ASPHALT		\$ 84,000	\$ 216,000

BOULDER JUNCTION - COST ESTIMATES BY YEAR

PLAN	01_22_18	Length		RESURFACE PLAN (miles)			RESURFACE COST EST	Work Scope				TOTAL
		CAT	ROAD NAME	Miles	Accum.	Gravel		Chip	Asphalt	Type	Surface	
3	Airport Road (gravel)	0.90	0.90		0.90		\$67,500	RC	\$ 87,750	\$ 34,046	\$ 10,962	\$ 132,758
1	Airport Road (paved)	1.50	2.40		1.50		\$112,500	RC	\$ 146,250	\$ 56,744	\$ 18,269	\$ 221,263
2	Annes Place	0.05	2.45			0.05	\$10,350	RC	\$ 11,385	\$ -	\$ 3,000	\$ 14,385
2	Annes Place	0.09	2.54			0.09	\$18,630	RH	\$ 18,630	\$ -	\$ 500	\$ 19,130
1	Arrowhead Drive	0.45	2.99		0.45		\$33,750	RH	\$ 33,750	\$ 17,023	\$ 500	\$ 51,273
3	Arrowhead Drive	0.15	3.14		0.15		\$11,250	RH	\$ 11,250	\$ 5,674	\$ 500	\$ 17,424
3	Balsam Lane	0.35	3.49		0.35		\$26,250	RH	\$ 26,250	\$ 10,927	\$ 500	\$ 37,677
3	Birch Drive	0.25	3.74		0.25		\$18,750	RH	\$ 18,750	\$ 5,105	\$ 500	\$ 24,355
3	Blue Heron Lane	0.12	3.86		0.12		\$9,000	RH	\$ 9,000	\$ 3,746	\$ 500	\$ 13,246
1	Boulder Lane	0.40	4.26		0.40		\$30,000	RH	\$ 30,000	\$ 8,168	\$ 500	\$ 38,668
3	Camp Manitowish Lane (East)	0.50	4.76		0.50		\$37,500	RH	\$ 37,500	\$ 18,915	\$ 500	\$ 56,915
1	Campo Fiesta Lane	0.13	4.89		0.13		\$9,750	RH	\$ 9,750	\$ 4,918	\$ 500	\$ 15,168
1	Cattail Cove Lane	0.75	5.64		0.75		\$56,250	RH	\$ 56,250	\$ -	\$ 500	\$ 56,750
1	Concora Road	0.80	6.44		0.80		\$60,000	RH	\$ 60,000	\$ 30,263	\$ 500	\$ 90,763
1	Dolittle Road	0.15	6.59		0.15		\$11,250	RH	\$ 11,250	\$ -	\$ 500	\$ 11,750
3	En-Dah Win Lane	0.15	6.74		0.15		\$11,250	RH	\$ 11,250	\$ -	\$ 500	\$ 11,750
1	Evergreen Lane	0.40	7.14		0.40		\$30,000	RH	\$ 30,000	\$ -	\$ 500	\$ 30,500
1	Glen Lake Road	0.25	7.39		0.25		\$18,750	RH	\$ 18,750	\$ 7,805	\$ 500	\$ 27,055
3	Grahl Lane	0.43	7.82		0.43		\$32,250	RH	\$ 32,250	\$ 16,267	\$ 500	\$ 49,017
1	Harmony Point Lane	0.60	8.42		0.60		\$45,000	RH	\$ 45,000	\$ 18,000	\$ 500	\$ 63,500
1	High Lake Road	1.30	9.72		1.30		\$97,500	RH	\$ 97,500	\$ 67,585	\$ 500	\$ 165,585
1	High Pines Lane	1.10	10.82		1.10		\$82,500	RH	\$ 82,500	\$ -	\$ 500	\$ 83,000
1	High-Fishtrap Lake Road	1.10	11.92		1.10		\$82,500	RH	\$ 82,500	\$ -	\$ 500	\$ 83,000
1	Highland Drive	0.28	12.20		0.28		\$21,000	RH	\$ 21,000	\$ 10,000	\$ 500	\$ 31,500
3	Jag Lake Road	0.08	12.28		0.08		\$6,000	RH	\$ 6,000	\$ -	\$ 500	\$ 6,500
1	Kern Lane	1.10	13.38		1.10		\$82,500	RH	\$ 82,500	\$ 41,612	\$ 500	\$ 124,612
2	Little Rice Lane	0.10	13.48			0.10	\$20,700	RC	\$ 22,770	\$ 2,461	\$ 3,000	\$ 28,231
1	Little Rice Lane	0.18	13.66		0.18		\$13,500	RC	\$ 17,550	\$ 4,430	\$ 3,000	\$ 24,980
1	Lucas Lane	0.15	13.81		0.15		\$11,250	RH	\$ 11,250	\$ -	\$ 500	\$ 11,750
3	Marsh Road	1.04	14.85		1.04		\$78,000	RH	\$ 78,000	\$ -	\$ 500	\$ 78,500
3	Natures Way	0.12	14.97		0.12		\$9,000	RH	\$ 9,000	\$ 1,586	\$ 500	\$ 11,086
3	North Oswego Lake Road	0.24	15.21		0.24		\$18,000	RH	\$ 18,000	\$ 8,286	\$ 500	\$ 26,786
1	Old K Road	2.39	17.60		2.39		\$179,250	RH	\$ 179,250	\$ -	\$ 500	\$ 179,750
2	Old K Road	0.40	18.00			0.40	\$82,800	RC	\$ 91,080	\$ -	\$ 8,197	\$ 99,277
3	Partridge Lane	1.10	19.10		1.10		\$82,500	RH	\$ 82,500	\$ 34,342	\$ 500	\$ 117,342
3	Pine Shores Lane	0.06	19.16		0.06		\$4,500	RH	\$ 4,500	\$ -	\$ 500	\$ 5,000
3	Pinewood Lane	0.12	19.28		0.12		\$9,000	RH	\$ 9,000	\$ -	\$ 500	\$ 9,500
3	Platinum Lane	0.23	19.51		0.23		\$17,250	RH	\$ 17,250	\$ -	\$ 500	\$ 17,750
1	Red Fox Lane	0.09	19.60		0.09		\$6,750	RH	\$ 6,750	\$ 3,405	\$ 500	\$ 10,655
3	Ridge Lane	0.30	19.90		0.30		\$22,500	RH	\$ 22,500	\$ 9,366	\$ 500	\$ 32,366
3	River lane	0.20	20.10		0.20		\$15,000	RH	\$ 15,000	\$ 6,244	\$ 500	\$ 21,744
2	Rudolph Lake Lane	0.10	20.20			0.10	\$20,700	RH	\$ 20,700	\$ 3,783	\$ 500	\$ 24,983
1	Rudolph Lake Lane	0.50	20.70		0.50		\$37,500	RH	\$ 37,500	\$ 18,915	\$ 500	\$ 56,915
1	Shamrock Lane	0.30	21.00		0.30		\$22,500	RC	\$ 29,250	\$ 7,383	\$ 3,297	\$ 39,930
2	Shamrock Lane	0.10	21.10			0.10	\$20,700	RC	\$ 22,770	\$ 2,461	\$ 3,000	\$ 28,231
1	Sherry Drive	0.05	21.15		0.05		\$3,750	RH	\$ 3,750	\$ -	\$ 500	\$ 4,250
3	South Rudolph Lake Lane	0.26	21.41		0.26		\$19,500	RH	\$ 19,500	\$ -	\$ 500	\$ 20,000

Improvement	IMPROVEMENTS				
	Year	2018		2019	
		Mileage	Cost	Mileage	Cost
2018	0.9	\$ 132,758.08			
2018	1.5	\$ 221,263.46			
2018	0.05	\$ 14,385.00			
2018	0.09	\$ 19,130.00			
2018	0.45	\$ 51,273.20			
2018	0.15	\$ 17,424.40			
2018	0.35	\$ 37,676.84			
2018	0.25	\$ 24,354.89			
2018	0.12	\$ 13,246.35			
2018	0.4	\$ 38,667.82			
2018	0.5	\$ 56,914.67			
2018	0.13	\$ 15,167.81			
2018	0.75	\$ 56,750.00			
2018	0.8	\$ 90,763.47			
2018	0.15	\$ 11,750.00			
2018	0.15	\$ 11,750.00			
2018	0.4	\$ 30,500.00			
2018	0.25	\$ 27,054.89			
2018	0.43	\$ 49,016.61			
2018	0.6	\$ 63,500.00			
2018	1.3	\$ 165,585.42			
2018	1.1	\$ 83,000.00			
2018	1.1	\$ 83,000.00			
2018	0.28	\$ 31,500.00			
2018	0.08	\$ 6,500.00			
2018	1.1	\$ 124,612.27			
2018	0.1	\$ 28,230.98			
2018	0.18	\$ 24,979.76			
2018	0.15	\$ 11,750.00			
2018	1.04	\$ 78,500.00			
2018	0.12	\$ 11,086.35			
2018	0.24	\$ 26,785.87			
2018	2.39	\$ 179,750.00			
2018	0.4	\$ 99,277.20			
2018	1.1	\$ 117,341.51			
2018	0.06	\$ 5,000.00			
2018	0.12	\$ 9,500.00			
2018	0.23	\$ 17,750.00			
2018	0.09	\$ 10,654.64			
2018	0.3	\$ 32,365.87			
2018	0.2	\$ 21,743.91			
2018	0.1	\$ 24,982.93			
2018	0.5	\$ 56,914.67			
2018	0.3	\$ 39,929.90			
2018	0.1	\$ 28,230.98			
2018	0.05	\$ 4,250.00			
2018	0.26	\$ 20,000.00			

BOULDER JUNCTION - COST ESTIMATES BY YEAR

PLAN	01_22_18	Length		RESURFACE PLAN (miles)			RESURFACE COST EST	Work Scope				TOTAL
		CAT	ROAD NAME	Miles	Accum.	Gravel		Chip	Asphalt	Type	Surface	
1	Spruce Drive	0.22	21.63		0.22		\$16,500	RH	\$ 16,500	\$ 8,322	\$ 500	\$ 25,322
3	Street Lake Lane	0.65	22.28		0.65		\$48,750	RH	\$ 48,750	\$ 24,589	\$ 500	\$ 73,839
3	Sunset Lane	0.30	22.58		0.30		\$22,500	RH	\$ 22,500	\$ -	\$ 500	\$ 23,000
2	Transfer Site	1.00	23.58			1.00	\$150,000	RC	\$ 165,000	\$ -	\$ 14,850	\$ 179,850
1	Trout Lane	0.20	23.78		0.20		\$15,000	RH	\$ 15,000	\$ 7,566	\$ 500	\$ 23,066
3	White Birch Lane	0.45	24.23		0.45		\$33,750	RH	\$ 33,750	\$ 17,023	\$ 500	\$ 51,273
3	White Deer Lane	0.12	24.35		0.12		\$9,000	RH	\$ 9,000	\$ 4,540	\$ 500	\$ 14,040
1	WILDWOOD LANE	0.06	24.41		0.06		\$4,500	RH	\$ 4,500	\$ 2,270	\$ 500	\$ 7,270
3	WILSON LANE	0.21	24.62		0.21		\$15,750	RH	\$ 15,750	\$ 7,944	\$ 500	\$ 24,194
1	Wool Lake Lane	0.36	24.98		0.36		\$27,000	RH	\$ 27,000	\$ 13,619	\$ 500	\$ 41,119
1	Bakken Road (East)	1.07	26.05		1.07		\$80,250	RC	\$ 104,325	\$ 101,185	\$ 18,496	\$ 224,006
3	Bass Lake Road	0.41	26.46		0.41		\$30,750	RH	\$ 30,750	\$ 10,000	\$ 500	\$ 41,250
1	Big Muskellunge Road	1.53	27.99		1.53		\$114,750	RH	\$ 114,750	\$ 57,879	\$ 500	\$ 173,129
3	Birch Point Lane	0.19	28.18		0.19		\$14,250	RH	\$ 14,250	\$ 10,000	\$ 500	\$ 24,750
1	Church Street	0.14	28.32		0.14		\$10,500	RH	\$ 10,500	\$ -	\$ 500	\$ 11,000
3	Clear View Drive	0.34	28.66		0.34		\$25,500	RH	\$ 25,500	\$ -	\$ 500	\$ 26,000
3	Dam Road	0.80	29.46		0.80		\$60,000	RH	\$ 60,000	\$ 30,263	\$ 500	\$ 90,763
1	East Fitzgerald Lane	0.11	29.57		0.11		\$8,250	RH	\$ 8,250	\$ -	\$ 500	\$ 8,750
1	Fallon Road	2.08	31.65		2.08		\$156,000	RH	\$ 156,000	\$ -	\$ 500	\$ 156,500
1	Fitzgerald Lane	0.20	31.85		0.20		\$15,000	RH	\$ 15,000	\$ 4,922	\$ 500	\$ 20,422
1	Fox Trail	0.06	31.91		0.06		\$4,500	RH	\$ 4,500	\$ 12,160	\$ 500	\$ 17,160
1	Green Street	0.27	32.18		0.27		\$20,250	RH	\$ 20,250	\$ 4,860	\$ 500	\$ 25,610
1	Island Lake Road	1.28	33.46		1.28		\$96,000	RH	\$ 96,000	\$ 63,001	\$ 500	\$ 159,501
1	Keego Road	1.25	34.71		1.25		\$93,750	RH	\$ 93,750	\$ -	\$ 500	\$ 94,250
1	La Fave Road	1.24	35.95		1.24		\$93,000	RH	\$ 93,000	\$ -	\$ 500	\$ 93,500
3	Little Crooked Lane	0.38	36.33		0.38		\$28,500	RH	\$ 28,500	\$ -	\$ 500	\$ 29,000
1	Mann Lake Road	0.75	37.08		0.75		\$56,250	RH	\$ 56,250	\$ -	\$ 500	\$ 56,750
3	Maple Lake Road	0.35	37.43		0.35		\$26,250	RH	\$ 26,250	\$ -	\$ 500	\$ 26,750
3	Nebish lake Road	1.97	39.40		1.97		\$147,750	RH	\$ 147,750	\$ -	\$ 500	\$ 148,250
1	Newcomb Lane	3.50	42.90		3.50		\$262,500	RH	\$ 262,500	\$ 18,000	\$ 500	\$ 281,000
1	North Creek Road	4.57	47.47		4.57		\$342,750	RH	\$ 342,750	\$ 136,570	\$ 500	\$ 479,820
3	Old 51 Road E	0.50	47.97		0.50		\$37,500	RH	\$ 37,500	\$ 10,210	\$ 500	\$ 48,210
3	Perch Lane	0.23	48.20		0.23		\$17,250	RH	\$ 17,250	\$ 8,701	\$ 500	\$ 26,451
3	Point Lane	0.25	48.45		0.25		\$18,750	RH	\$ 18,750	\$ -	\$ 500	\$ 19,250
1	Rintlemen	0.60	49.05		0.60		\$45,000	RH	\$ 45,000	\$ -	\$ 500	\$ 45,500
1	Shore Drive	1.03	50.08		1.03		\$77,250	RH	\$ 77,250	\$ -	\$ 500	\$ 77,750
3	South Shore Bay Lane	0.15	50.23		0.15		\$11,250	RH	\$ 11,250	\$ -	\$ 500	\$ 11,750
3	Town Road 119 (Clear View)	0.14	50.37		0.14		\$10,500	RH	\$ 10,500	\$ -	\$ 500	\$ 11,000
3	West Big Lake Road	1.04	51.41		1.04		\$78,000	RH	\$ 78,000	\$ -	\$ 500	\$ 78,500
3	Whitney Lake Road	1.00	52.41		1.00		\$75,000	RH	\$ 75,000	\$ 37,829	\$ 500	\$ 113,329
IMPROVEMENT TOTALS		65.07		9.57	53.66	1.84	\$4,116,630		\$ 4,233,960	\$ 1,050,912	\$ 124,571	\$ 5,409,443

Improvement	IMPROVEMENTS				
	Year	2018		2019	
		Mileage	Cost	Mileage	Cost
2018	0.22	\$ 25,322.45			
2018	0.65	\$ 73,839.07			
2018	0.3	\$ 23,000.00			
2018	1	\$ 179,850.00			
2018	0.2	\$ 23,065.87			
2018	0.45	\$ 51,273.20			
2018	0.12	\$ 14,039.52			
2018	0.06	\$ 7,269.76			
2018	0.21	\$ 24,194.16			
2018	0.36	\$ 41,118.56			
2019			1.07	\$ 224,005.82	
2019			0.41	\$ 41,250.00	
2019			1.53	\$ 173,128.88	
2019			0.19	\$ 24,750.00	
2019			0.14	\$ 11,000.00	
2019			0.34	\$ 26,000.00	
2019			0.8	\$ 90,763.47	
2019			0.11	\$ 8,750.00	
2019			2.08	\$ 156,500.00	
2019			0.2	\$ 20,421.96	
2019			0.06	\$ 17,160.00	
2019			0.27	\$ 25,610.00	
2019			1.28	\$ 159,501.03	
2019			1.25	\$ 94,250.00	
2019			1.24	\$ 93,500.00	
2019			0.38	\$ 29,000.00	
2019			0.75	\$ 56,750.00	
2019			0.35	\$ 26,750.00	
2019			1.97	\$ 148,250.00	
2019			3.5	\$ 281,000.00	
2019			4.57	\$ 479,820.03	
2019			0.5	\$ 48,209.78	
2019			0.23	\$ 26,450.75	
2019			0.25	\$ 19,250.00	
2019			0.6	\$ 45,500.00	
2019			1.03	\$ 77,750.00	
2019			0.15	\$ 11,750.00	
2019			0.14	\$ 11,000.00	
2019			1.04	\$ 78,500.00	
2019			1	\$ 113,329.33	
	24.98	\$ 2,789,542.32	27.43	\$ 2,619,901.04	

COLOR KEY

- 1 Chip Seal/Asphalt, repaving planned, same surface
- 2 Paved Road, repaving planned, new surface
- 3 Existing Gravel Road, planned upgrade to pavement
- 4 Existing Gravel Road, general grading and gravel
- In 5-Year Maintenance Cycle
- 2017 Construction

PAVING COST PER MILE

	New Surface		
	Gravel	Chip Seal	Asphalt
GRAVEL	\$ 40,000	\$ 65,000	\$ 197,000
CHIP SEAL		\$ 75,000	\$ 207,000
ASPHALT		\$ 84,000	\$ 216,000

BOULDER JUNCTION - CONDITION ASSESSMENT
COST ESTIMATES BY ROAD

PLAN	01_22_18 ROAD NAME	Length		EX SURFACE TYPE			RESURFACE PLAN (miles)			RESURFACE COST EST	Work Scope				CHIP SEAL MAINTENANCE						
		Miles	Accum.	Gravel	Chip	Asphalt	Gravel	Chip	Asphalt		Type	Surface	Extra	Engrg	TOTAL	2018		2019		2020	
																Mileage	Cost	Mileage	Cost	Mileage	Cost
1	Ada Street	0.25	0.25		0.25			0.25		\$7,500	RH	\$ 7,500	\$ -	\$ 500	\$ 8,000	0.25	\$ 8,000.00				
1	Birchwood Lane	0.36	0.61		0.36			0.36		\$10,800	RH	\$ 10,800	\$ -	\$ 500	\$ 11,300	0.36	\$ 11,300.00				
1	Blaisdell Street	0.17	0.78		0.17			0.17		\$5,100	RH	\$ 5,100	\$ -	\$ 500	\$ 5,600	0.17	\$ 5,600.00				
1	Blueberry Lane	0.25	1.03		0.25			0.25		\$7,500	RH	\$ 7,500	\$ -	\$ 500	\$ 8,000	0.25	\$ 8,000.00				
1	Camp Manitowish Lane (West)	0.50	1.53		0.50			0.50		\$15,000	RH	\$ 15,000	\$ -	\$ 500	\$ 15,500	0.5	\$ 15,500.00				
1	Cemetary Road	0.18	1.71		0.18			0.18		\$5,400	RH	\$ 5,400	\$ -	\$ 500	\$ 5,900	0.18	\$ 5,900.00				
1	Center Street	0.31	2.02		0.31			0.31		\$9,300	RH	\$ 9,300	\$ -	\$ 500	\$ 9,800	0.31	\$ 9,800.00				
1	Charlotte Place Lane	0.25	2.27		0.25			0.25		\$7,500	RH	\$ 7,500	\$ -	\$ 500	\$ 8,000	0.25	\$ 8,000.00				
1	Community Street	0.20	2.47		0.20			0.20		\$6,000	RH	\$ 6,000	\$ -	\$ 500	\$ 6,500	0.2	\$ 6,500.00				
1	Evergreen Lane	1.58	4.05		1.58			1.58		\$47,400	RH	\$ 47,400	\$ -	\$ 500	\$ 47,900	1.58	\$ 47,900.00				
2	Good Life Lane	0.44	4.49			0.44		0.44		\$13,200	RH	\$ 13,200	\$ -	\$ 500	\$ 13,700	0.44	\$ 13,700.00				
1	High Lake Road	2.00	6.49		2.00			2.00		\$60,000	RH	\$ 60,000	\$ -	\$ 500	\$ 60,500	2	\$ 60,500.00				
1	Kassien Lane	0.54	7.03		0.54			0.54		\$16,200	RH	\$ 16,200	\$ -	\$ 500	\$ 16,700	0.54	\$ 16,700.00				
1	Middle Gresham Lane	0.43	7.46		0.43			0.43		\$12,900	RH	\$ 12,900	\$ -	\$ 500	\$ 13,400	0.43	\$ 13,400.00				
1	Nichols Lake Lane	0.63	8.09		0.63			0.63		\$18,900	RH	\$ 18,900	\$ -	\$ 500	\$ 19,400	0.63	\$ 19,400.00				
1	Oswego-Fishtrap Lake Road	1.90	9.99		1.90			1.90		\$57,000	RH	\$ 57,000	\$ -	\$ 500	\$ 57,500	1.9	\$ 57,500.00				
1	Pine Lane	0.45	10.44		0.45			0.45		\$13,500	RH	\$ 13,500	\$ -	\$ 500	\$ 14,000	0.45	\$ 14,000.00				
1	Reible Court	0.12	10.56		0.12			0.12		\$3,600	RH	\$ 3,600	\$ -	\$ 500	\$ 4,100	0.12	\$ 4,100.00				
1	Ridge Lane	0.90	11.46		0.90			0.90		\$27,000	RH	\$ 27,000	\$ -	\$ 500	\$ 27,500	0.9	\$ 27,500.00				
1	Rustic Colony Lane	0.27	11.73		0.27			0.27		\$8,100	RH	\$ 8,100	\$ -	\$ 500	\$ 8,600	0.27	\$ 8,600.00				
1	Senior Drive	0.20	11.93		0.20			0.20		\$6,000	RH	\$ 6,000	\$ -	\$ 500	\$ 6,500	0.2	\$ 6,500.00				
2	Town Hall Road	0.12	12.05			0.12		0.12		\$3,600	RH	\$ 3,600	\$ -	\$ 500	\$ 4,100	0.12	\$ 4,100.00				
1	Town Line Rd North (Town Road 116)	1.00	13.05		1.00			1.00		\$30,000	RH	\$ 30,000	\$ -	\$ 500	\$ 30,500	1	\$ 30,500.00				
1	Allequash Lake Road	0.94	13.99		0.94			0.94		\$28,200	RH	\$ 28,200	\$ -	\$ 500	\$ 28,700			0.94	\$ 28,700.00		
1	Bakken Road (West)	2.15	16.14		2.15			2.15		\$64,500	RH	\$ 64,500	\$ -	\$ 500	\$ 65,000			2.15	\$ 65,000.00		
2	Ben Bendrick Drive	1.70	17.84			1.70		1.70		\$51,000	RH	\$ 51,000	\$ -	\$ 500	\$ 51,500			1.7	\$ 51,500.00		
1	Dairymens Road	1.55	19.39		1.55			1.55		\$46,500	RC	\$ 46,500	\$ -	\$ 500	\$ 47,000			1.55	\$ 47,000.00		
2	Halverson Lane	0.12	19.51			0.12		0.12		\$3,600	RH	\$ 3,600	\$ -	\$ 500	\$ 4,100			0.12	\$ 4,100.00		
1	Rocky Reef Lane	0.54	20.05		0.54			0.54		\$16,200	RH	\$ 16,200	\$ -	\$ 500	\$ 16,700			0.54	\$ 16,700.00		
1	Round Lake Road	0.10	20.15		0.10			0.10		\$3,000	RH	\$ 3,000	\$ -	\$ 500	\$ 3,500			0.1	\$ 3,500.00		
2	Bear Lake Road	3.26	23.41			3.26		3.26		\$97,800	RH	\$ 97,800	\$ -	\$ 500	\$ 98,300					3.26	\$ 98,300.00
1	Old 51 Road (Town Line - Island Lake)	1.07	24.48			1.07			1.07	\$32,100	RH	\$ 32,100	\$ -	\$ 500	\$ 32,600					1.07	\$ 32,600.00
1	Town Line South	1.36	25.84		1.36			1.36		\$40,800	RH	\$ 40,800	\$ -	\$ 500	\$ 41,300					1.36	\$ 41,300.00
MAINTENANCE TOTALS		25.84		0.00	19.13	6.71	0.00	24.77	1.07	\$775,200		\$ 775,200	\$ -	\$ 16,500	\$ 791,700	13.05	\$ 403,000.00	7.1	\$ 216,500.00	5.69	\$ 172,200.00

COLOR KEY

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 - 3 Existing Gravel Road, planned upgrade to pavement
 - 4 Existing Gravel Road, general grading and gravel
- In 5-Year Maintenance Cycle
2017 Construction

PAVING COST PER MILE

	New Surface		
	Gravel	Chip Seal	Asphalt
GRAVEL	\$ 40,000	\$ 65,000	\$ 197,000
CHIP SEAL		\$ 75,000	\$ 207,000
ASPHALT		\$ 84,000	\$ 216,000