

Public Works Committee
Minutes – Regular Meeting
March 21, 2017

The Seven Devils Public Works Committee met in regular session on Tuesday, March 21, 2017 at Town Hall. Present were Chairman Brad Lambert, Vice Chairman George Ehlinger, Members Jack Byrnes, Larry Fontaine, Brady Sasse. Also present were Public Works Director Kevin Aldridge, Town Engineer David Poore and Town Manager Debbie Powers. The minutes were recorded by Town Clerk Hillary Gropp.

CALL TO ORDER

Manager Powers called the meeting to order at 10:03 AM.

ELECTION OF OFFICERS

Manager Powers opened the floor for nomination of Officers.

Member Fontaine nominated Brad Lambert for re-election to Chairman and member Ehlinger seconded. The members agreed unanimously.

Member Fontaine nominated George Ehlinger as Vice Chairman and member Sasse seconded. The members agreed unanimously.

ADOPT AGENDA

Member Fontaine made a motion to adopt the agenda and Chairman Lambert seconded. The members agreed unanimously.

APPROVE MINUTES – June 21, 2016

Member Fontaine made a motion to adopt the minutes and Chairman Lambert seconded. The members agreed unanimously.

OLD BUSINESS – NONE

NEW BUSINESS

State of Public Works in Seven Devils

Director Aldridge reports it has been a mild winter with more than double chat inventory effectively being stored in the new chat building. Also, previous road repairs/pot holes have held throughout the months without issue. Public Works staff has been very efficient with pushing snow and chatting the roads to avert resident complaints.

The feedback on the mailbox reflector program has been positive. More reflectors need to be ordered.

The estimate for completion of the Skyland Water Project is about 2 weeks. It has been progressing well and 5 of 6 road bores are completed. All water samples/ pressure tests have been passed. Overall, a very successful project.

Discussion occurred about the Impact of Expanded Parks Program and attention should be paid to the Time/Cost Efficiency regarding the Public Works staff. Directional signs install and trail maintenance have been handle by Public Works staff. Trail access should be adequate for first responders support. The Town of Seven Devils with support of the Blue Ridge Conservancy has applied for a Recreational Trails Program Grant to extend/build additional trails. The popularity of the Otter Falls has caused parking limitations and will need to be addressed in the future.

Blind Road Analysis & Recommendations

Town Engineer Poore reports the comparison of the March 2017 vs April 2011 Roads Assessment reflects the roads are better based upon the evaluation scoring. This is a result of money being spent on superior repairs.

Discussion occurred about the urgency of road repairs and consideration of budget constraints. **See attached report.**

Member Fontaine made the motion to approve the road projects #1, #3, #6, #13 on the Roads Assessment report of March 2017 at approximately \$75,000, including the ditch line construction on Knob Hill Lane. Member Sasse seconded the motion. The members agreed unanimously.

Road Shoulder & Ditch Maintenance

Spring maintenance is in progress.

Discussion about new residents, to making them aware of their responsibility for damages to roads and ditches.

CITIZENS COMMENTS-NONE

COMMITTEE COMMENTS

ADJOURN

Member Fontaine made a motion to adjourn and Member Sasse seconded. The meeting was adjourned at 11:22 AM.

Brad Lambert, Chairman

Hillary Gropp, Town Clerk

**Town of Seven Devils
March, 2017
Roads Assessment**

No.	Street	Beginning	Ending	Year Improve	Surface	Length	Cost Estimate	Width	Lanes	Shoulder		Water Taps	Assessment		Eval	
										Wth	Cond		Cond	Traffic/Drain		
1	Knob Hill	Edgecliff	Wildcat Rocks		Asphalt	1471	\$31,747	12	2	1	G	10	P	M	P	2.50
2	Bridle Path	Greenview	Well #4		Gravel	1286	\$24,254	10	1	0	G	0	P-	L	F	2.35
3	Woodwinds Dr	Woodwinds Cr	Woodwinds Cr		Asphalt	175	\$5,206	18	2	1	F		F	H	G	2.30
4	Chestnut	End of Pvmnt	Presnell		Gravel	1250	\$23,575	10	1	0	G		P	L	G	2.00
5	Cliff Dwellers	Buckeye	Dead End		Gravel	800	\$15,088	10	1	0	P	1	P	L	G	2.00
6	Deerwood	Tangle	End of Pvmnt		Asphalt	335	\$6,774	11	2	1	F	2	P	L	G	2.00
7	Fox	Four Diamond	End of Pvmnt		Asphalt	287	\$5,413	10	1	0	G	0	P	L	G	2.00
8	Grandfather	End of Pvmnt	Circle		Gravel	500	\$10,791	12	2	3	F		P	L	G	2.00
9	Presnell	Chestnut	Wayside		Gravel	615	\$14,947	14	2	0		0	P	L	G	2.00
10	Rocky Top Ct	Wayside	Rocky Top Trail		Asphalt	440	\$13,089	18	2	1	G	1	P	L	G	2.00
11	Swiss	Skiview	Dead End		Asphalt	844	\$18,215	12	2	1	F	7	P	L	G	2.00
12	Greencove	End of Pvmnt.	Private		Gravel	1,205	\$22,726	10	1	0	E		P	L	G	2.00
13	W. Rocky Top	End of Pvmnt.	Tank		Gravel	890	\$16,785	10	1	0	E	4	P	L	G	2.00
14	Woodwinds Ln	Woodwinds Ct	Priv Prop		Asphalt	73	\$2,072	17	2	1	G		F	M	G	1.90
15	Alpine Dr	Edgecliff	Snowbird		Asphalt	3425	\$83,241	14	2	3	G		E-	H	G	1.55
16	Skiview	Skyland	Cliffside		Asphalt	302	\$8,162	16	2	0	G		E-	H	G	1.55
17	Skiview	Cliffside	Buckeye		Asphalt	635	\$17,162	16	2	0	G		E-	H	G	1.55
18	Chalet	Skyland	Thorncliff		Asphalt	493	\$11,982	14	2	0	F		G	M	F	1.50
19	Thorncliff	Cliffside	Buckeye		Asphalt	711	\$15,345	12	2	0	F		G	M	G	1.40
20	Woodwinds Dr	Woodwinds Cr	Priv Prop		Asphalt	443	\$13,178	18	2	3	G		G	M	G	1.40
21	Woodwinds Ln	Woodwinds Cr	Woodwinds Ct		Asphalt	275	\$7,806	17	2	1	G		G	M	G	1.40
22	Alpine Dr	Skyland	Wildcat Rocks		Asphalt	93	\$4,159	29	2	3	G		E	H	G	1.30
23	Alpine Dr	Wildcat Rocks	Edgecliff		Asphalt	125	\$3,719	18	2	3	G		E	H	G	1.30
24	Chestnut	East Rocky Top	Snowbird		Asphalt	484	\$14,398	18	2	0	G		E	H	G	1.30
25	Devils Lake	Valleyview	Chg Width		Asphalt	646	\$20,976	20	2	5	G		E	H	G	1.30
26	Devils Lake	7D Road	Hawks Lake		Asphalt	636	\$19,785	19	2	3	F		E	H	G	1.30
27	Devils Lake	Hawks Lake	Bradley		Asphalt	1506	\$46,850	19	2	3	F		E	H	G	1.30
28	Devils Lake	Bradley	Valleyview		Asphalt	1645	\$51,174	19	2	3	F		E	H	G	1.30
29	Devils Lake	Chg Width	Grandview		Asphalt	1238	\$25,034	11	2	1	F		E	H	G	1.30
30	Skiview	Buckeye	Swiss		Asphalt	944	\$29,367	19	2	0	G		E	H	G	1.30
31	Skiview	Swiss	Greenview		Asphalt	153	\$3,927	15	2	0	G		E	H	G	1.30
32	Skiview	Greenview	Tangle		Asphalt	505	\$13,648	16	2	0	G		E	H	G	1.30
33	Skiview	Tangle	Greenview		Asphalt	170	\$4,594	16	2	0	G		E	H	G	1.30
34	Skiview	Greenview	Moonlight		Asphalt	1436	\$34,901	14	2	1	G		E	H	G	1.30
35	Snowbird	Alpine	Chestnut		Asphalt	163	\$4,849	18	2	6	G	1	E	H	G	1.30
36	Wildcat Rocks	Alpine	Knob Hill		Asphalt	580	\$14,886	15	2	2	G		E	H	G	1.30

**Town of Seven Devils
March, 2017
Roads Assessment**

No.	Street	Beginning	Ending	Year Improve	Surface	Length	Cost Estimate	Width	Lanes	Shoulder Wth	Shoulder Cond	Water Taps	Assessment		Eval	
													Cond	Traffic/Drain		
37	Wildcat Rocks	Knob Hill	Chestnut		Asphalt	967	\$26,134	16	2	1	G		E	H	G	1.30
38	Wildcat Rocks	Chestnut	Highcliff		Asphalt	51	\$1,517	18	2	1	G		E	H	G	1.30
39	Wildcat Rocks	Highcliff	Highcliff		Asphalt	623	\$15,141	14	2	1	G		E	H	G	1.30
40	Wildcat Rocks	Highcliff	Thorncliff		Asphalt	395	\$9,600	14	2	1	G		E	H	G	1.30
41	Woodwinds Dr 7D Road	Woodwinds Cr	Woodwinds Cr		Asphalt	177	\$5,265	18	2	1	G		E	H	G	1.30
42	Cliffside	Skiview	Thorncliff		Asphalt	1858	\$40,099	12	2	0	G	15	E-	M	F	1.25
43	Chestnut	Edgecliff	East Rocky Top		Gravel	1586	\$34,229	12	2	0	G		G	L	P	1.20
44	Rock Cove	Thorncliff	Wayside		Asphalt	133	\$2,870	12	2	2	G		G	L	P	1.20
45	Alpine Dr	Snowbird	Meadowview		Asphalt	680	\$20,229	18	2	3	G		E-	M	G	1.15
46	Highcliff	Wildcat Rocks	Deepwood		Asphalt	900	\$19,424	12	2	1	F		E	M	P	1.10
47	Rock Cove	Wayside	Dead End		Asphalt	744	\$16,057	12	2	1	G		G	L	F	1.10
48	Woodwinds Ct	Woodwinds Ln	Priv Prop		Asphalt	481	\$13,654	17	2	1	G		G	L	F	1.10
49	Chestnut	Presnell	Edgecliff		Gravel	1769	\$38,179	12	2	0	F		G	L	G	1.00
50	Highcliff	Deepwood	Wildcat Rocks		Asphalt	837	\$18,064	12	2	1			E	M	F	1.00
51	Moonlight	Skiview	Tangle		Asphalt	1737	\$37,488	12	2	3	G	14	E	M	F	1.00
52	Thorncliff	Chalet	Wildcat Rocks		Asphalt	1970	\$50,560	15	2	1	G		G	L	G	1.00
53	Edgecliff	Alpine	Knob Hill		Asphalt	832	\$17,956	12	2	0	G		E	M	G-	0.95
54	Autumnview	Grandview	Edgefield		Asphalt	436	\$9,410	12	2	1	G		E	M	G	0.90
55	Buckeye	Skiview	Cliff Dwellers		Asphalt	672	\$14,503	12	2	1	G		E	M	G	0.90
56	Buckeye	Cliff Dwellers	Thorncliff		Asphalt	3325	\$71,760	12	2	0	G		E	M	G	0.90
57	Deepwood	Skyland	Highcliff		Asphalt	1061	\$20,010	10	2	1	G	7	E	M	G	0.90
58	Grandview	Cherokee	Valleyview		Asphalt	1236	\$26,675	12	2	1	G		E	M	G	0.90
59	Grandview	Nettles Knob	Beucus		Asphalt	1140	\$24,603	12	2	1	G		E	M	G	0.90
60	Grandview	Beucus	Cherokee		Asphalt	594	\$12,820	12	2	1	F		E	M	G	0.90
61	Grandview	Devils Lake	Nettles Knob		Asphalt	817	\$15,409	10	2	1	G		E	M	G	0.90
62	Longview Dr	Snowcloud	Longview Ct		Asphalt	276	\$7,459	16	2	1	F	2	E	M	G	0.90
63	E Rocky Top T	Rocky Top Ct	Chestnut		Asphalt	2359	\$70,176	18	2	0	G		E	M	G	0.90
64	Skiview	Moonlight	End Pymt		Asphalt	220	\$4,748	12	2	3	G		E	M	G	0.90
65	Snowcloud	Skyland	Longview Dr		Asphalt	1251	\$33,810	16	2	1	G		E	M	G	0.90
66	Tangle	Skiview	Moonlight		Asphalt	438	\$10,049	13	2	2	G		E	M	G	0.90
67	Tangle	Moonlight	Four Diamond		Asphalt	1258	\$27,150	12	2	2	G		E	M	G	0.90
68	Thorncliff	Skyland	Cliffside		Asphalt	450	\$9,712	12	2	0	G		E	M	G	0.90
69	Thorncliff	Buckeye	McClean		Asphalt	1824	\$39,366	12	2	0	G		E	M	G	0.90
70	Thorncliff	McClean	Chalet		Asphalt	529	\$13,577	15	2	0	G		E	M	G	0.90
71	Autumnview	Devils Lake	Grandview		Asphalt	193	\$6,004	19	2	3	G		E	M	G	0.90
72	Woodwinds Cr	Woodwinds Ln	Woodwinds Dr		Asphalt	247	\$7,348	18	2	2	G		E	M	G	0.90

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No.	Street	Beginning	Ending	Year Improve	Surface	Length	Cost Estimate	Width	Lanes	Shoulder		Water Taps	Assessment		Eval	
										Wth	Cond		Cond	Traffic/Drain		
73	Woodwinds Cr	Woodwinds Dr	Woodwinds Ln		Asphalt	345	\$10,263	18	2	1	F		E	M	G	0.90
74	Edgecliff	Knob Hill	Chestnut		Gravel	703	\$15,172	12	2	0	F		G	L+	G	0.80
75	Chinkapin	7D Road	Maint Shop		Asphalt	687	\$16,697	14	2	1	G		E	M	E	0.80
76	Jaybird Ln	Devil's Lake Dr	Hawk's Lake Dr		Asphalt	708	\$21,062	18	2	2	E		E	M	E	0.80
77	Bradley Blvd	Devil's Lake Dr	Streamside Bl.		Asphalt	1,338	\$39,803	18	2	2	E		E	M	E	0.80
78	Greenview	Skiway	Skiway		Asphalt	601	\$12,971	12	2	2	G		E-	L	G	0.75
79	Cherokee	Grandview Dr	Dead End		Asphalt	381	\$8,223	12	2	1	F		E	L	P	0.70
80	Beucus	Grandview	Dead End		Asphalt	204	\$4,125	11	2	0	G		E	L	P	0.70
81	Wayside	End of Pvmnt	Presnell		Gravel	857	\$13,830	8	1	0	G		E	L	P	0.70
82	Wayside	Presnell	Rocky Top Ct		Gravel	1175	\$31,756	16	2	2	G		E	L	P	0.70
83	Nettles Knob	Grandview	Dead End		Asphalt	833	\$15,710	10	2	0	F		E	L	F	0.60
84	Wayside	Rock Cove	End of Pvmnt		Asphalt	577	\$12,453	12	2	1	G		E	L	F	0.60
85	Skiway	End of Pvmnt	Town Limits		Gravel	779	\$4,090	0	0	0	G		E	L	G	0.50
86	Divine View	Tangle	End of Pvmnt		Asphalt	345	\$6,976	11	2	2	F		E	L	G	0.50
87	Edgefield - R	Autumnview	Priv Prop		Asphalt	402	\$8,129	11	2	1	F		E	L	G	0.50
88	Meadowview	Alpine	Cul De Sac		Asphalt	210	\$5,675	16	2	3	G		E	L	G	0.50
89	Windy Knob	Four Diamond	Priv Prop		Asphalt	1103	\$23,805	12	2	2	F		E	L	G	0.50
90	Edgefield - L	Autumnview	Priv Prop		Asphalt	165	\$3,112	10	2	1	F		E	L	G	0.50
91	Chestnut	Wildcat Rocks	End of Pvmnt		Asphalt	753	\$14,202	10	1	0	G		E	L	G	0.50
92	Alpine Dr	Meadowview	End of Pvmnt		Asphalt	675	\$20,080	18	2	3	G		E	L	G	0.50
93	Bear Cave	Deepwood	Dead End		Asphalt	82	\$1,770	12	2	1	G		E	L	G	0.50
94	Four Diamond	Windy Knob	Tangle		Asphalt	1216	\$26,244	12	2	3	G		E	L	G	0.50
95	Grandfather	Skyland	Enchanted Woods		Asphalt	151	\$4,697	19	2	3	G		E	L	G	0.50
96	Grandfather	Enchanted Wood	End of Pvmnt		Asphalt	315	\$9,371	18	2	0	G		E	L	G	0.50
97	Longview Ct	Longview Dr	End of Pvmnt		Asphalt	196	\$5,297	16	2	1	G		E	L	G	0.50
98	W Rocky Top	Rocky Top Ct.	End of Pvmnt.		Asphalt	460	\$13,684	18	2	0	G		E	L	G	0.50
99	Snowcloud	Longview Dr	Dead End		Asphalt	303	\$6,952	13	2	1	G		E	L	G	0.50

Town of Seven Devils
March, 2017
Roads Assessment

No.	Street	Beginning	Ending	Year Improve	Surface	Length	Cost Estimate	Width	Lanes	Shoulder		Water Taps	Assessment		Eval	
										Wth	Cond		Cond	Traffic Drain		
100	Willwood	Chalet	Dead End		Asphalt	445	\$9,604	12	2	1	G	2	E	L	G	0.50
101	Windy Knob	Moonlight	Four Diamond		Asphalt	504	\$10,877	12	2	2	G		E	L	G	0.50
102	Chinkapin	Maint Shop	End		Asphalt	686	\$16,673	14	2	1	G	3	E	L	E	0.40
103	Hawk's Lake	Devil's Lake Dr.	Jaybird Ln		Asphalt	1,045	\$31,087	18	2	2	E		E	L	E	0.40
104	Streamside Ln	Bradley Blvd	End		Asphalt	927	\$27,576	18	2	2	E		E	L	E	0.40
105	Little Lake Dr.	Streamside Blvd	End		Asphalt	566	\$16,837	18	2	2	E		E	L	E	0.40
106	Seventh Ridge	Little Lake Dr	End		Asphalt	685	\$20,377	18	2	2	E		E	L	E	0.40
107	Little Boulder	Seventh Ridge	End		Asphalt	533	\$15,856	18	2	2	E		E	L	E	0.40
108	Greencove	Thorncliff	End of Pymnt		Asphalt	460	\$11,180	14	2	0	E		E	L	E	0.40
GRAND TOTAL						82260										
<p>Length = Length in feet</p> <p>Width = Width in feet</p> <p>Shoulder Width = Width of the road shoulder in feet</p> <p>Shoulder Cond = Condition of the shoulder. (NOT included in numerical evaluation.)</p> <p>Water Taps = Number of water taps on street</p> <p>Assessment</p> <p>Cond = Condition evaluated as:</p> <p style="padding-left: 20px;">E = excellent = 0 points</p> <p style="padding-left: 20px;">G = good = 1 point</p> <p style="padding-left: 20px;">F = fair = 2 points</p> <p style="padding-left: 20px;">P = poor = 3 points</p> <p style="padding-left: 20px;">Gravel</p> <p>Traffic = Traffic evaluated as:</p> <p style="padding-left: 20px;">L = low = 1 point</p> <p style="padding-left: 20px;">M = medium = 2 points</p> <p style="padding-left: 20px;">H = high = 3 points</p> <p>Drain = Drainage evaluated as:</p> <p style="padding-left: 20px;">G = good = 1 point</p> <p style="padding-left: 20px;">F = fair = 2 points</p> <p style="padding-left: 20px;">P = poor = 3 points</p> <p>Cost estimates include a standard:</p> <p style="padding-left: 20px;">1.5" Asphalt @ \$135/TN</p> <p style="padding-left: 20px;">10% contingency fee</p> <p style="padding-left: 20px;">Shouldering at \$2.62/LF/Side</p> <p>Eval = Numerical evaluation based on 50% Condition + 40% Traffic + 10% Drain</p> <p>The higher the score, the higher the numerical call for action.</p>																

**Town of Seven Devils
March, 2017
Roads Assessment**

No.	Street	Beginning	Ending	Year	Surface	Length	Cost	Width	Lanes	Shoulder	Water	Assessment		Eval	
				Improve								Wth	Cond		Cond

TOWN OF SEVEN DEVILS

DITCHLINE CONSTRUCTION AND DRIVEWAY REPAIR FOR

166 KNOB HILL LANE

PRELIMINARY CONSTRUCTION COST ESTIMATE

<u>Item</u>	<u>Quantity @ Unit Price</u>	<u>Total</u>
1. Rock Excavation	20 CY @ \$300.00/CY	\$ 6,000.00
2. Driveway Pipes	40 LF @ \$40.00/LF	1,600.00
3. Driveway Repair	2 EA @ \$2,500.00/EA	5,000.00
4. Create Ditch and Line with Ditch Liner	90 LF @ \$25.00/LF	2,250.00
	TOTAL	\$14,850.00