



Town of Falmouth
Public Works Department
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Memorandum

Date: March 28, 2017
To: Nathan Poore, Town Manager
From: Jay Reynolds, Public Works Director 
Re: Information Regarding Roads and Costs as it Relates to Street Acceptance

Per the Town Council and your request, I am providing additional information regarding costs and street acceptance. In addition, I have included some statistical information regarding recently accepted streets (2009-present), as well as a list of streets that have indicated interest in applying for acceptance in the future. Please contact me if any additional information needs to be provided.

- Average Cost to Maintain Roads

Looking at the costs at a conceptual/high level, this equation uses the Public Works “streets and right-of-ways” operating budget, along with associated capital purchases. The calculation is as follows:

Operating Expenses (FY'17)=	\$1,587,170.00
Capital: Equipment Expenses Annual Average (FY'15-24)=	\$ 176,956.00
Capital: Bldg./Equipment Expenses Annual Avg. (FY'15-24)=	\$ 25,640.00
Capital: 'Streets' Expenses Annual Avg. (FY'15-24)=	\$ 874,878.00
Total Average Annual Expenses=	\$2,664,644.00/yr.
Total Miles of Road Maintained by The Town=	93 Miles
Cost per Mile of Road=	\$ 28,652.00/mile

- Road Miles and Plow Routes

As requested, the Town's Road miles as it relates to plow routes is as follows:

Total Miles of Road Plowed by the Town=	93 Miles
Total Plow Routes=	9 Routes
Average Road Miles per Plow Route=	10.33 Miles/Route

- Historical and Future Street Acceptance Data

The following table shows streets that have been recently accepted since the street acceptance moratorium was lifted in 2009:

Name	Location	Length (feet)	Length (mile)
Brookfield Road	Off Brook Road	640	0.12
Farm Gate Road	off Lunt/Clearwater	2,544	0.48
Mussell Cove Lane	off Foreside	985	0.19
Arbor Side Drive	off Johnson	1,575	0.30
Wisteria Cir.	off Arborside	640	0.12
Ledge Rock Circle	off Arborside	410	0.08
Red Oak Drive	off Blackstrap	1,800	0.34
Spoondrift Rd.	off Babbidge	1,473	0.28
Sherman Drive	off Longwoods	1,472	0.28
	Totals	11,539	2.19

The following table shows streets that have expressed interest in applying for street acceptance:

Name	Location	Length (feet)	Length (mile)
Davis Farm Rd.	off Blackstrap	770	0.15
Stone Ridge Rd.	off Blackstrap	2,246	0.43
Hilltop Trail	off Stone Ridge	315	0.06
Rogers Trail	off Stone Ridge	1,029	0.19
Marigold Lane	off Farm Gate	1,455	0.28
Heron Point Road	off Marigold	850	0.16
Willow Ln/Waterview Way	off Clearwater	380	0.07
Garden Way	off Ledgewood	792	0.15
Cavendish Rd.	off Winn	1,492	0.28
Killarney Way	off Paddock Way	619	0.12
Paddock Way	off Winn	1,952	0.37
Salty Dog Way	off Middle	1,093	0.21
Fieldstone Lane	off Woodville	2,740	0.52
Seaside Way	off Underwood	550	0.10
Cleaves Farm Road	off Pleasant Hill	1,135	0.21
Maple St.	off Cleaves Farm	995	0.19
Trolley Farm Lane	off Hurricane	2,736	0.52
Alpine Drive	off Woodville	1,731	0.33
Sylvan Drive	off Alpine	720	0.14
Preservation Drive	off Foreside	1,730	0.33
South Ridge Road	off Blackstrap	2,497	0.47
Oxford Woods Drive	off Babbidge	2,944	0.56
Watts Farm Way	off Field Rd	911	0.17
Palmer Road	off Field Rd	486	0.09
Twin Meadows Lane	off Woodville	1,813	0.34
Pride Farm Road	off Mast Road	2,628	0.50
	Totals	36,609	6.93

Application received/pending (1.8 miles)