



2021 Town of Avon Road Report

An analysis of current spending,
road conditions, resources and needs

Road spending analysis

- ▶ State now requires us to spend roughly \$139,000 to maintain aid
- ▶ Here's what we have been spending:
 - ▶ 2019 – \$169,506
 - ▶ 2020 – \$171,200
 - ▶ 2021 – \$176,418 4% increase, +\$6900 per year
- ▶ GOAL: \$180,000 through cut/reallocate strategy

THIS IS GOOD! But is it good enough?

What are we spending on?

Service	2019-2020 Expenditures	
Construction	\$21,000 - \$55,700	15-34%
Maintenance	\$16,500 - \$21,000	10-15%
Bridge	\$3,500 - \$4,900	2-3%
Drainage	\$11,200 - \$20,000	7-14%
Brush & Debris	\$12,000	7-9%
ROW Mowing (new vendor)	\$11,800 - \$8000	5%
Signs	\$1,300 - \$4,000	1-3%
Snow	\$39,000	24%
Litter	\$5,000 - \$6,000	4%
RCPW Fees	\$5,000 - \$7,000	4%

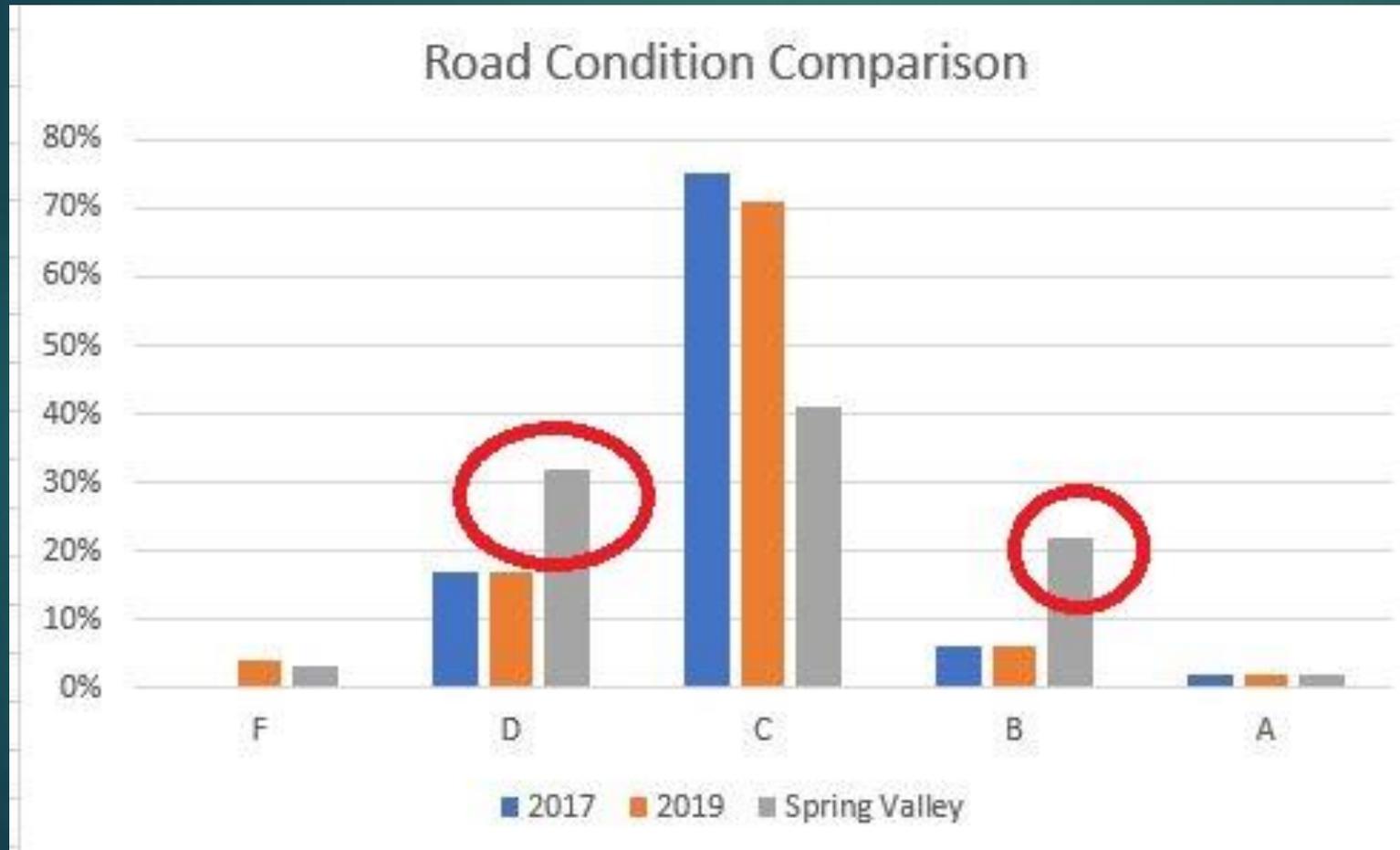
What does that tell us?

- ▶ Less than 1/3 is spent on “improving” roads
- ▶ Another 10-15% is spent on patching roads up
- ▶ 1/4 of our spending is on snow removal
- ▶ At least 1/3 is spent on off-road maintenance

QUESTIONS

- ▶ How can we increase spending on services that actually make roads better, which could reduce maintenance costs over time?
- ▶ Where are we spending too much, and/or paying too much?
- ▶ How can we have services delivered differently?

Are we spending enough on our roads?



- Spring Valley increased tax levy in fall 2017 to meet emerging needs
- **30% D**
40% C
- 20% B

Current spend per mile

Town	Miles of Road	Approximate spend per mile
Avon	44	\$4009
Spring Valley	58	\$3752

Are we spending enough to meet Avon's needs?



- Avon as of 2019
15% D
5% B
- Which direction will our **70% C** roads go over the next few years?

C-graded roads

- ▶ 28.33 miles - 3 completed in 2020 = 25.33 - 1.5 gravel = 24 miles
 - ▶ 2 miles border Illinois = split cost = less 1 mile
 - ▶ TOTAL: 23 miles
- ▶ Rehabilitation tactics include surface repairs, partial-depth patching
- ▶ Cost can range from \$5,000 to \$15,000 per mile
- ▶ Estimated cost range: \$115,000 to \$345,000
- ▶ Median estimated cost: \$230,000

D-graded roads

- ▶ 7 miles - 1.22 completed in 2020 = 5.78 - 0.75 gravel = 5 miles
 - ▶ 1 mile borders Spring Valley = split cost = less 1/2 mile
 - ▶ TOTAL: 4.5 miles
- ▶ Rehabilitation tactics include overlays, significant patching
- ▶ Cost can range from \$10,000 to \$22,500 per mile
- ▶ Estimated cost range: \$45,000 to \$101,250
- ▶ Median estimated cost: \$73,125

What will it take to “save” our C and D roads?

- ▶ Total median estimated cost: \$303,125
- ▶ Average annual allocation of \$50,000 for road construction
- ▶ Estimated timeframe needed: 6 years

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Do we have that much time?

Can we tighten that window by committing to at least \$60,000 per year for construction through better planning?

F-graded roads

- ▶ 2 miles - 0.89 completed = roughly 1 mile
 - ▶ Spring 2020 estimate for FDR in “village”
 - ▶ \$62,000 + sealcoating = \$75,000 to \$95,000
 - ▶ Estimate assumption 1/4 mile of Sagen Rd = \$23,438 to \$29,688
 - ▶ TOTAL: \$98,438 to \$124,688

Keep in mind:

- ▶ F-graded roads already require reconstruction
- ▶ Nothing left to “save” so no cost-avoidance to achieve
- ▶ Trigger becomes “safety”
- ▶ Where are these roads and how are they used?

Challenges ahead

- High cost of snow removal
- High cost of litter removal
- 8 bridges
- Water and drainage issues
- Potential cuts to transportation aids after 2023
- Inflation
- Town Hall overhead, capital improvements
- Limited tax base

Poor valuation is taxing on taxpayers

Town	Tax Rate	Estimated Valuation	Estimated Population	Valuation per Resident
Avon	0.00297	\$53.9 million	600	\$89,833
Spring Valley	0.00253	\$74.6 million	742	\$100,539

IF a similar valuation per resident, +\$19,000 in tax income

without having to raise the tax rate How can we get there?

Summary, Goals & Tactics

- We are spending a healthy amount on roads
- It “might” be enough to address imminent challenges
- Need laser focus for next 5 years, all cards in our favor
- Pursue cost reduction in certain line items to reallocate:
 - Litter disposal, legal fees ... snow removal? brush removal?
- Strategy to increase income streams
- Strategy to grow tax base