



AGENDA ITEM #9.4

REPORT TO CITY COUNCIL

Report Prepared by: Jason Gorr – Public Works Director

Date: June 4, 2019

Subject: Road Improvement Plan

Report: The Road Improvement Plan is complete. A street summary document and spreadsheet have been provided and a presentation with Council Q&A session will be provided at the meeting.

It is my hope that the Council can utilize this spreadsheet tool to enhance and bolster their background knowledge to assist in the decision making process in regards to street needs.

Council Action Requested: Council direction on planning for street maintenance and improvement projects for the next 2-3 years.

May 21st, 2019

Pequot Lakes Public Works

Honorable Mayor and Council,

Included you will find the **2019 Streets Survey** (summary & spreadsheet) to better assist streets improvement decisions. By documenting up to date information and as concisely as possible, conveying current conditions and needs, I hope to give you the tools necessary to be informed and educated on the topics of streets.

Our rating system has a TOTAL POINTS column and this is a great guide, but please keep in mind it is just that, a guide. Further data has been added, and although not assessed point values, it's also detailed for good reason. This document is intended to be used as a reference guide.

I'll also volunteer a brief presentation of data and reasoning of process at the council meeting, as well as offer Q&A as needed both there and at any time before or after.

Recommendations for Priority and Action:

2019/2020: >> It is our position this work should start as soon as possible/able. We've already applied over 13 tons of UPM (pothole patch) on Rasmussen this season alone.

(Below is merely a cost estimate based on both Anderson Brothers rough numbers offered and full costs are already fully ID'd through WSN's engineering and presentation. These would also include potential W/WW/Storm/Curb/Gutter/etc.)

- **#1) Rasmussen Road (Sibley>E. Woodman). Total Points: 110; Pavement: 50;** 50-year-old Water/WW (clay) Line; Curb/Gutter Needs. Estimated pavement costs included within the WSN proposal. **Total scope to include pavement, curb/gutter/storm sewer, water/WW upgrade, & all related costs: \$1.2 million**
- **#4) Rasmussen Road (E. Woodman>Tree Farm Rd). Total Points: 80; Pavement: 50;** 50-year-old Water/WW (clay) Line; Curb/Gutter Needs. Estimated pavement costs included within the WSN proposal. **Total scope to include pavement, curb/gutter/storm sewer, water/WW upgrade, & all related costs: ~ \$1.3 million**
- **#5) S. Washington. Total Points: 80; Pavement: 50;** close proximity and potentially interconnected to Rasmussen Infrastructure improvements Projects. Definite needs to update existing Water/WW/Storm. Per WSN factors and estimated cost ~ **\$175,000 or \$225,000** (if the N block is to include Curb/Gutter/Storm)
- **#6) 1st Street. Total Points: 80; Pavement: 50;** Pavement in very poor shape, useful frontage road access for several businesses and close proximity to Patriot & other potential projects. **\$35,000**

>>>> another option would be to remove this section of 1st Street totally and simply replace with a small access driveway for the one business & sculpt the remainder into additional storm/grass Blvd.

2021: >> If able, the next urgent priority is the NE part of the City Street **System (Wild Acres, Nelson, Part of Akerson)**. Not only are these streets in very bad condition, but they are busy Connector Streets where critical businesses are supported in the area (Gravel Pits, Paving Operations, Game Farm, Recreation Businesses) and local residents/tourists commute between Breezy Point, Pine River, and Jenkins.

- **#2) Wild Acres. Total Points: 90; Pavement: 50;** VERY Poor Condition, high speed road w/ lots of Truck Use. Narrow widths mean premature shoulder/pavement deterioration. Estimated pavement costs include adding 2 feet in width to equation (BIT Removal, bed reclaim, 2" Class 5, & 4" BIT). **\$219,000 ~ 50% split w/ Twp's (Ideal on N half, Jenkins on N Half on W S-curves)**
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- **#3) Nelson Rd. Total Points: 85; Pavement: 50;** VERY Poor Condition, high speed road w/ lots of Truck Use. Narrow widths mean premature shoulder/pavement deterioration. Estimated pavement costs include adding 2 feet in width to equation (BIT Removal, bed reclaim, 2" Class 5, & 4" BIT). **\$282,000 ~ 50% split w/ Twp. (Ideal on N half)**
- **#7) Akerson Rd. Total Points: 70; Pavement: 50;** One low area is in desperate need of repair. This 1260' X 22' stretch is affected by improper Culvert/Road construction, flooding swamp seasonally, and excessive runoff erosion. Costs estimates would need refinement most likely from engineering, but preliminary thoughts include BIT Removal/24" Class 5 addition/3" BIT **\$148,000**

Respectfully submitted by,

Jason Gorr
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