



Minutes
Road Committee Meeting
October 3, 2017

Members Present: R. Keller, L. Johnson, T. Nelson, B. Seekon, M. Fehrman, J. Cash, D. Chelberg, J. Harrington, D. Stiers, D. Milles

Others Present: Clerk K. Wood

CALL THE MEETING TO ORDER

R. Keller called the meeting to order at 7:02 pm.

APPROVE MINUTES

B. Seekon made a motion to approve the minutes from the June 6, 2017 road committee meeting. T. Nelson seconds. All in favor, motion carried.

T. Nelson made a motion to approve the 2017 Annual Road Tour minutes. L. Johnson seconds. All in favor, motion carried.

GRADER/ WALK AND ROLL (PACKER)

R. Keller explained that the machine behind the grader is the packer. It minimizes the amount of grading because it seals it. The County uses them. There are less expensive options, but the Walk and Roll M. Fehrman found is the best one because it is staggered. The Walk and Roll is good because it pivots with the hills in the road and pushes down to pack.

They have to figure out the hydraulics of the packer and then Maintenance will be able to install it. Our roads are at a 4% and before winter they will be at a 2%. They blew out a tire on the packer and you cannot get tires for it. A new tire for the current packer is \$900 and there are 5 tires on it.

B. Seekon said that the grader has over 14k hours on it and asked much longer the engine has left on it. R. Keller said he feels it is probably about there. B. Seekon said we should get a quote to see what Ziegler will give the Township for the grader. R. Keller believes a new grader is over \$385k. R. Keller said the Township will have to buy another used machine. If the grader were to break down, Maintenance could rent one for a month. Lent bought its current grader for \$120k.

L. Johnson asked how much it would be to lease one for a year. The answer was unknown.

R. Keller said that if there is an issue with the transmission we will just fix it. R. Keller said to not do anything until something happens. Maintenance will continue to check the oil in it every morning. T. Nelson said to do the oil samples every 200 hours. M. Fehrman said he keeps the air filter clean so dirt does not get in there. The packer will go on any machine we purchase in the future as well. The price does not include installation, but Maintenance can install it.

ROADS

R. Keller said that they need to figure out which roads they are going to blacktop and what the criteria are going to be while making their decision.

CRITERIA

R. Keller said that some criteria should include:

1. Is it a through road?
2. What is going to happen in the future? (generally the roads are going to have more traffic)
3. At least 15-20 people living on the road

J. Harrington said the criteria should include annexation. It is 6 years before the Township is up for annexation.

D. Milles said that he would like to add: Will there a maintenance advantage for plowing or grading?

CURRENT BLACKTOP PRICING (PER MILE):

1.5" = \$61k per mile

2" = \$ 80k per mile

3" = \$120k per mile

The roads that have 1.5" blacktop are around 20 years old. R. Keller said he does not feel the Township roads need 3" of blacktop.

DOUBLE CHIP SEAL

R. Keller said that Dresser trap rock is used. It is a hard basalt rock that is impregnated with oil.

It removes the need for grading for many years and eliminates washboarding.

B. Seekon said it is \$30-35k per mile providing we do all of the shaping.

L. Johnson said he would like to do one mile of double chip seal to see how it holds up.

Most of the gravel that is lost from the plow is lost on the first and last snow fall. T. Nelson said that is why the Township looking at the double chip seal. It is dark and it will assist with the melting of snow.

The double chip seal is good for 10 – 15 years and has no guarantee.

J. Harrington asked if anyone has put together a comparison because he would like to see that framework to help. He ran the numbers from the County. Roughly a third of the Township roads are paved. He said it is really easy to put this on a spreadsheet.

They spent \$11k on chloride not including wages. If Northern Salt applies the chloride it will cost \$2,800 per mile.

R. Keller said they should look at doing at least 4 – 6 miles of double chip seal for next year and possibly 2 miles of blacktop.

M. Fehrman said that the ¾ of a mile on 341st and Hemingway Ave should be blacktopped.

T. Nelson said they are going to get prices on the chip seal this winter.

T. Nelson said we need to figure out how much graveling we are going to do next year. R. Keller said we probably will not have to do any graveling next year. 6680 tons of gravel was put on this year.

The Board can talk to the other Township's at CCATO to see if they would be interested in sharing the cost with Lent.

M. Fehrman said that it would be nice to not have to take the blade out to Kale Ave or 341st Street. (He would like 341st blacktopped)

It would also be nice not to have to go out to the other small roads 340th, 337th, 335th. They are not even a half mile long. It would be nice to double chip seal them.

T. Nelson said he would like to see us do 6 miles of double chip seal and blacktop 2 miles.

J. Harrington said we should have ballpark numbers to show how long it will take to get to where they want to be. The committee should agree on the numbers and be within 5-10 percent. Without the numbers penciled out, it is hard to get the levy approved. The roads and bridges are the biggest part of the Township's budget. We need to show value.

R. Keller said we have spent over 1.5 million dollars over five years and we need to show residents what the money has been spent on.

J. Harrington said that other parts of the State are taking out blacktop because it is too expensive to maintain.

T. Nelson said we have to set aside money for the future. B. Seekon said that he agrees.

J. Harrington said we are looking at more intense rain storms and there is going to be more runoff on blacktop. Blacktop may create more flooding in his opinion.

T. Nelson said he does not see any benefit to the tax payers over the past five years except for putting more gravel on the roads.

L. Johnson said on average we re-gravel roads every five years. Every 5 years we spend \$38k per mile. \$2,500 of that is for chloride.

\$40,000 for gravel

This does not include blading, etc.

J. Harrington wants to see a comparison between blacktop and gravel.

D. Milles said if we chip seal and cut out the grading and we can show people the plan at the Annual Meeting.

D. Chelberg said that J. Harrington should put together the numbers.

M. Fehrman has done about \$30k worth of blading so far which is 337 hours of grading.

T. Nelson said the ROWs are bad right now. He said we should send a notice to people in the Township if the trees are bigger than 6".

R. Keller said that the price of blacktop is a bargain right now. He feels we should blacktop the roads now because blacktop prices will not stay this cheap.

B. Seekon said we need to go to the Annual meeting with a number and let the residents know how much is spent on gravel.

L. Johnson said there are lightly traveled roads that are regraveled 5-7 years.

J. Harrington would like to see a lifecycle costing.

J. Harrington is going to email K. Wood numbers to distribute to the committee members.

T. Nelson said if we use the \$300k, every road in the Township can be blacktopped within 7 years.

D. Stiers said we cannot do that if the winter maintenance is included in that number.

B. Seekon said you cannot include plowing, salt or shoulder maintenance.

R. Keller said that most of the road complaints are in regards to dust control or ice.

ROADS TO BE DOUBLE CHIP SEALED:

Echo Lane	Kale Ave	Jewel Lane
Echo Court	Frontier Ave	Elmo Ave
311 th Street	Fir Trail	340 th Street
Elk Lane	315 th Street	Jewel Court
Elk Ct	Elmcrest Ave	

7 miles total

M. Fehrman will take a look at the culverts on these roads.

320th will need a wear coat in 2 – 3 years

The best time to get blacktop bids would be in the early spring (March) for the Hemingway Avenue blacktop.

B. Seekon said that Kale Ave and 341st should be done first to save time on the grader.

J. Harrington said they should look at the original list they put together.

R. Keller is going to get numbers for rough annual cost for gravel. He figures about \$9,200 per mile. That is regravelling every 5 years and it includes chloride. T. Nelson feels that is a low number.

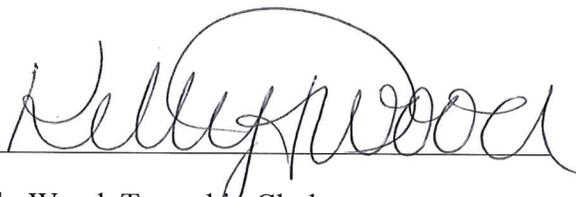
THE NEXT ROAD COMMITTEE MEETING IS OCTOBER 24 AT 7:00 PM.

ADJOURN

T. Nelson made a motion to adjourn the meeting at 9:24 pm. B. Seekon seconds. All in favor, motion carried.



Rick Keller, Chair



Kelly Wood, Township Clerk



Minutes submitted by Kelly Wood, Township Clerk