



N64W23760 Main Street
Sussex, Wisconsin 53089
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Email: info@villagesussex.org
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**AGENDA
PUBLIC WORKS COMMITTEE
VILLAGE OF SUSSEX
6:00 P.M. TUESDAY, DECEMBER 1, 2020
SUSSEX CIVIC CENTER- VILLAGE BOARD ROOM 2nd FLOOR
N64W23760 MAIN STREET**

Pursuant to Section 19.84, Wis. Stats., notice is hereby given of a meeting of the Sussex Public Works Committee, at which a quorum of the Village Board may attend in order to gather information about a subject which they have decision making responsibility. The meeting will be held at the above noted date, time and location. Notice of Village Board Quorum: (Chairperson to announce the following if a quorum of the Village Board is in attendance at the meeting: Please let the minutes reflect that a quorum of the Village Board is present and that the Village Board members may be making comments if the rules are suspended to allow them to do so.)

1. Roll call.
2. Consideration and possible action minutes of the October 6, 2020 Public Works meeting.
3. Comments from Citizens
4. Consideration and possible action on bills for payment.
5. Consideration and possible action on Utility Items:
6. Consideration and possible action on Sidewalk and Street Items:
 - A. Sidewalk Machine Purchase
 - B. Plow Truck Purchase
 - C. Good Hope Road Reconstruction – Restoration Concern N71W23378 Homestead Road
 - D. 2021 Road Program Update
 - E. Resolution 20-31 to accept improvements for Ancient Oaks Subdivision
7. Consideration and possible action on Other Public Works Items:
8. Staff report, update and issues, and possible action regarding subdivision, developments, and projects:
 - A. Engineer's Report
9. Other discussions for future agenda topics
10. Adjournment.

Scott Adkins
Chairperson

Jeremy Smith
Village Administrator

Please note that, upon reasonable notice, efforts will be made to accommodate the needs of disabled individuals through appropriate aids and services. For additional information or to request this service, contact the Village Clerk at 246-5200.

**DISCLAIMER- THE FOLLOWING ARE DRAFT MINUTES FROM
THE PUBLIC WORKS COMMITTEE AND ARE
SUBJECT TO CHANGE UPON APPROVAL OF THE VILLAGE BOARD**

**VILLAGE OF SUSSEX
SUSSEX, WISCONSIN**

**Minutes of the Public Works Committee of
October 6, 2020**

1. Roll Call:

The meeting was called to order by Chairman Adkins at 6:00 p.m.

Members present: Trustee Scott Adkins, Trustee Lee Uecker, Trustee Michael Bartzen, and Keith Markano.

Also present: Village Administrator Jeremy Smith, Assistant Village Administrator Kelsey McElroy-Anderson, Village Engineer/Public Works Director Judith Neu, President Anthony LeDonne, and members of the Public.

A quorum of the Village Board was present at the meeting.

2. Consideration and possible action on minutes:

A motion by Markano, seconded by Bartzen to approve the September 1, 2020 meeting minutes as presented.

Motion carried 4-0.

3. Comments from Citizens:

There was no one present who wished to be heard.

4. Consideration and possible action on bills for payment:

A motion by Markano, seconded by Bartzen to recommend to the Village Board approval of bills for payment in the amended amount of \$1,093,465.93.

Mr. Markano asked if this is the final payment for the park pavilion. Mr. Smith responded that it includes all payments except for the portion that is always held back for the warrant period.

Motion carried 4-0.

5. Consideration and possible action on Utility Items:

None

6. Consideration and possible action on Sidewalk and Street Items:

A. Salt Contract

Trustee Uecker asked how much salt the Village used last year. Ms. Neu responded that the Village used 1,350 ton.

A motion by Uecker, seconded by Markano to approve the salt contract with Waukesha County as presented.

Motion carried 4-0.

7. Consideration and possible action on Other Public Works Items:

None

8. Staff Reports, update and issues, and possible action regarding subdivision, developments, and projects:

A. Engineer's Report

Mrs. Neu summarized the Engineer's Report included in the meeting packet.

9. Other discussion for future agenda topics

None

10. Adjournment

A motion by Adkins, seconded by Bartzen to adjourn the meeting at 6:19 p.m.

Motion carried 4-0.

Respectfully submitted,

Kelsey McElroy-Anderson
Assistant Village Administrator

VILLAGE OF SUSSEX
PUBLIC WORKS COMMITTEE
BILLS FOR PAYMENT

12/1/2020

VENDOR	AMOUNT		%COMPLETED	NOTES
BAXTER & WOODMAN	\$ 13,476.80	2021 ROAD PROGRAM	35.70%	
CEDAR CORPORATION	\$ 1,024.51	RADIUM ABANDONMENT	85.00%	
LOMC REVISION APPLICATION	\$ 8,000.00	GOOD HOPE ROAD RECON.	100.00%	PREPAID - DUE DATE
MID CITY CORPORATION	\$ 235,097.51	WATER MAIN BREAK I64 & MAIN	100.00%	
R A SMITH	\$ 6,051.30	WOODLAND TRAILS S/D PHASE 1 PROF. DEV. 9/1-30/2020	ONGOING	BILL DEVELOPER: NEUMANN DEVELOPMENT
R A SMITH	\$ 29,552.28	MAPLE AVE RECON - PROF. SERV. 9/1-30/2020	61.40%	
R A SMITH	\$ 2,476.25	WOODLAND TRAILS S/D PHASE 1 - PROF. SERV. 10/1-31/2020	ONGOING	BILL DEVELOPER: NEUMANN DEVELOPMENT
RUEKERT & MIELKE, INC.	\$ 2,043.82	ANCIENT OAKS DEV. - PROF. SERV. 9/25-10/23/2020	ONGOING	BILL DEVELOPER: CARITY
RUEKERT & MIELKE, INC.	\$ 8,002.77	SUSSEX COMMERCE CENTER - PROF. SERV. 9/26-10/23/2020	ONGOING	BILL DEVELOPER: WANGARD
STARK PAVEMENT CORPORATION	\$ 626,191.12	MAPLE AVENUE RECON - OCT. 20-NOV. 23, 2020	95.20%	
SUPER WESTERN	\$ 65,094.13	MAPLE AVE RECON #1 - OCT. 16 - NOV. 19, 2020	82.70%	
WACHTEL TREE SCIENCE, INC.	\$ 1,293.00	MAPLE AVE RECON #2	100.00%	
TOTAL	\$ 998,303.49			



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MEMORANDUM

To: Public Works Committee
From: Scott Ascher, Public Works Foreman
Date: 11/18/20
Re: Sidewalk Machine

After 15 years of full-time service the 2005 MT Trackless (sidewalk machine) is due for replacement. The MT Trackless is the most vital machine for the clearing of snow off the 21 miles of sidewalks that are the Village's responsibility to clear. Although the 21 miles are split into 2 routes, the MT Trackless is assigned to the Main Street route due to its salting capabilities. The salter, snow blower and v-plow are 15 years old and will also be replaced in conjunction with the machine. The broom did not get used as much as the other attachments and will not need replacing. The broom will fit on the new machine. In the 2021 budget, we also included the purchase of a mower arm for this machine. We will be doing more research on the mower arm attachment for purchase later in 2021. Mower arms are available for all quoted machines and are estimated to cost about \$25,000.

Three quotes of 3 different manufactures were obtained for this replacement of machine and attachments. Pictures of each machine are attached to this memo. The cost of the machine and attachments will be covered by the depreciation fund. \$153,465 was included in the 2021 budget for replacement of this machine and the purchase of a mower arm.

Machines

1. Bruce Equipment, MT Trackless	\$142,628
2. Jet Vac Environmental, Multihog	\$131,728
3. Miller Bradford & Risburg, MacLean MV4	\$126,097

Recommendation

Staff recommends the purchase of the MacLean MV4 and attachments from Miller Bradford & Risburg for \$126,097.00. Research revealed that all 3 machines came recommended from their respected owners. At low bid, staff feels the MV4 is capable of doing what we need it to do with dealer support here in Sussex. Staff also recommends we keep the current Trackless for a backup machine much like we do for our patrol trucks.

Pictures: 2nd Sidewalk Machine Purchase – PW Dec 2020



Figure 1 - Multi-Hog



Figure 2 – Trackless



Figure 3 - MV-4



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MEMORANDUM

To: Public Works Committee
From: Scott Ascher, Public Works Foreman
Date: 11/18/20

Re: Patrol Truck Purchase

Keeping up with our patrol truck replacement cycle, it is time to replace a 2002 International. Three price quotes were requested for the purchase of the truck chassis and three quotes for the plows and dump body. The village purchases a new patrol truck every three years. Currently we have seven plow routes, this means the truck will stay in regular service for 18 years and the last 3 years it is designated as a spare truck. A 2002 International patrol truck will be auctioned off once the new truck has arrived. The cost of the Truck will be covered by the depreciation fund. \$200,000 was set aside in the 2021 budget to cover the cost of the new patrol truck.

During the bidding process, the Western Star representative informed us that a larger motor option was available and provided a quote for that vehicle. This is a new option for municipal class patrol trucks that is not available from other manufacturers.

Truck Chassis (500 HP Motor)

1. **Western Star: \$114,048.00** this quote is with an industry new 500 HP motor. Western Star is the only manufacturer to offer this in a municipal application.

Staff recommends the purchase of the Western Star with the 500 HP motor. This has been a long overdue advancement in municipal patrol trucks. Public Works professionals throughout the country have raised concerns for years about the trucks being underpowered with the 350 HP motor, but larger motors were not available in the municipal class truck. The larger motor will greatly reduce the stress put on the rest of the drivetrain and hydraulic system, are more fuel efficient, have more power when plowing, haul more product, and improve safety for the operator and the driving public. However, this will put us \$7,470 over budget.

Plows & Body

1. **Monroe Truck: Failed to produce quote.**
2. **Caspers Truck: \$125,005.00**
3. **Burke Truck: \$94,865.00**

Staff is recommending the lowest bidder Burke Truck. Burke Truck offered us a newer and proven style of plow and wing, a better way to run the hydraulic lines for less wear over time, hydraulic rams that are less susceptible to corrosion, pitting and leaking of seals. Our last 4 patrol trucks were outfitted with Burke equipment and have proven to be a low maintenance product that is easy to operate.

Final Cost

If the Village gives Burke Truck half of the money at the time of order they will knock 1.5% off the total price, which is \$1,422.00, bringing the plows and body cost to **\$93,442.03**.

Final Cost Western Star: \$207,490.03

Policy Question: Does the Board want to invest in a plow truck with a larger motor?

Alternatives

The following quotes were received for trucks with a 350 HP motor, which is the motor size historically used by the Village:

1. **Mack: \$115,136.00** this quote is with a 355 HP motor.
2. **Peterbilt: \$104,870.00** this is quoted with a 350 HP motor, The Peterbilt has been our go to truck with much success over the last 10 years.
3. **Western Star: \$98,833.00** this quote is with a 350 HP motor
4. **International: \$94,109.00** this quote is with a 350 HP motor. With motors using oil and coolant, electrical issues, ABS brake issues, and a motor replacement of our own in an International truck a few years back, I strongly recommend staying away from this truck.

If the Committee and Board feel that the larger motor is not of value, Staff is comfortable moving forward with the Western Star 350 HP truck, but would prefer the Peterbuilt to provide consistency throughout the fleet. We have purchased Peterbilt trucks for 10 years now and these have proved to be a successful fit for the village. Consistency in our fleet is important because with a consistent type of truck the controls are the same between vehicles making it convenient for the operator to change trucks and know where all of the controls will be located. The trucks drive and operate the same, filters and servicing items are all consistent so we can have a small inventory of parts that will work on multiple vehicles. The placement of engine items are similar making them easier to service. When we need warranty work, the service can be done in Pewaukee for the Peterbuilt versus Oak Creek for the Western Star.

Final Cost Peterbilt: \$198,312.03 (with Burke Truck Plow and Body)
Final Cost Western Star, 350 HP: \$192,275.03 (with Burke Truck Plow and Body)

Staff Recommendation

Recommend to the Village Board the purchase of the Western Star with the 500 HP motor truck chassis and the plow and body from Burke Truck for a total cost of \$207,470.03.



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MEMORANDUM

To: Public Works Committee
From: Judith A. Neu, Village Engineer / Public Works Director
Date: November 18, 2020
Re: Good Hope Road Reconst. –Restoration Concern N71W23378 Homestead Road

Village staff and the property owners at N71W23378 Homestead Road have come to a final agreement to solve the property owners concerns with the condition of the lawn and the elevations of their side yard and rear yard that were left after the installation of storm sewer in easements on their property as part of the Good Hope Road Reconstruction project. Attached for your consideration is a Release of Claims and Damages agreement with the Brummonds.

This item was discussed at the Public Works Committee in November 2019 and again in June 2020. Staff was directed by the Public Works Committee to meet with the homeowners to determine, in detail, their current concerns with the grading and restoration, and to work with them to come to a final solution. The Committee further requested a binding agreement between the homeowners and the Village so that this issue could be put to rest once and for all.

Staff has worked with the Brummonds since the June meeting to come to a solution. Mr. Brummond collected elevations on the side (east) yard and back (north) yard, and both Village staff and Mr. Brummond prepared designs for the work. Once the designs were complete, the Village and the Brummonds each separately obtained quotes for the work shown on both designs for the east and north lot lines and then shared the quotes with the other party.

The quotes for each design from each contractor were then averaged. That average came up to about \$1,700, which is the offer made to, and accepted by, the Brummonds. Staff felt that it would be best to allow the Brummonds to hire the contractor of their choice which would allow them to control the outcome of the work and the Brummonds also said that they prefer that option.

There are a couple of key differences between the Village's design and the Homeowner's design for work along the east lot line. The Village's design preserves a small swale on the Brummonds property from about the center of the east side of their house to the road and in particular preserves a small swale to a point slightly beyond the front of the two adjacent homes, at which point the small swale begins to drain easterly onto the neighbor's lawn. The Homeowner's design begins that transition a bit further north and provides a slightly less pronounced swale that is located closer to the lot line between the two homes. The Homeowners design uses about twice as much topsoil to complete the work, and their filling limits extend to a point 110 feet or so back from the road, whereas the Village design only fills to about 65 feet from the road.

The two plans (Village design and Homeowner Design) for work in the easement east of the Brummond's home were shared by the Village with the property owner to the east and the plans explained to him by both the Brummonds and the Village. Depending on the actual final grading

completed by the Brummonds, there is a slight chance that storm water runoff could drain towards the neighbor's home in a large storm. That neighboring property owner has stated that his opinions or concerns have no bearing on the agreement between the Village and the Brummonds. He further states that as this is a Village project, he will hold the Village responsible for any future damage to his property. It is my opinion that the current elevations in the easement area on the east side of the Brummond's property, as left by the Village's contractor, provides the best protection for the neighbor's home and property because any stormwater that drains to this area will drain due south to Homestead Road, even in a large storm. It should be noted that the quantity of stormwater that we are talking about here will be limited to the rain that falls directly onto the easement (lawn) area and the discharge from two downspouts, one from each home. The risk of future damage to the neighbor's home would be minimal if the grades are left as they exist today. However, we know that the Brummonds are unhappy with the grading along the east lot line and desire to change those grades. Any alterations to the elevations of the lawn in the easement between the two homes as a result of this agreement will be completed by the Brummonds, not the Village. Therefore, it is my opinion that if there is future water damage to the neighbor's property as a result of surface water runoff from these two homes (unlikely based on the small amount of surface stormwater runoff in question), the responsibility for that damage will lie with the Brummonds, not the Village.

Staff recommends that the Committee and Board approve the Release of Claims and Damages.

Release of Claims and Damages

Property Address
N71W23378 Homestead Road
Sussex, WI 53089

Parcel Identification Number (PIN)
SUXV0233126

IN CONSIDERATION OF One Thousand Seven Hundred Dollars, (\$1,700.00), I hereby fully and forever release and discharge Village of Sussex, their employees, elected officials, officers, directors, successors and assigns, and all other persons and organizations who are or might be liable, from all claims and for all damages which we sustained as the result of lawn damage and grading during the Good Hope Road Reconstruction Project in Waukesha County in 2018 and 2019.

I understand that the Village will not do any further lawn restoration along our east or north lot lines nor do any additional grading work on or adjacent to my property to restore the area disturbed as part of the Good Hope Road Reconstruction project. In lieu of this work I am accepting this payment of One Thousand Seven Hundred Dollars \$1,700. Upon the execution of this agreement we will be fully responsible for all lawn restoration and grading work on our property to restore the disturbed areas to our satisfaction.

By executing this release, we agree that:

- (a) "Claims" includes demands, actions and rights of action as well as all claims we now or hereafter may have arising out of, in consequence of, or on account of said accident or event;
- (b) "Damages" includes lost wages; expenses for loss of services arising from said incident; loss of use of property; and all other expenses or losses of whatever kind or nature, including subrogated interests.

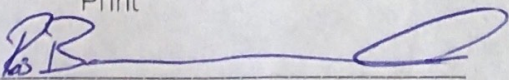
We expressly intend and agree that this release applies to all claims arising from this dispute, including, but not limited to, claims for known or unknown damages arising from or related to the above ground work of the described project.

We acknowledge that the sum of One Thousand Seven Hundred Dollars, (\$1,700.00), is paid in compromise and settlement of disputed claims, and that payment thereof shall not be construed as an admission of any liability whatsoever by any of the parties herein released, by whom liability is expressly denied.

We further agree that any claim of whatever kind or nature the parties released might have or hereafter have growing out of the above project, are hereby expressly reserved to them.

Dated this 18th day of November, 2020

Robert Brummond, Grantor
Print

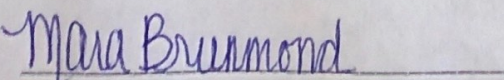


Sign

Anthony LaDonne
Village President

Sign

Mara Brummond, Grantor



Sign



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M E M O R A N D U M

To: Public Works Committee
 From: Judith A. Neu, Village Engineer
 Date: November 23, 2020
 Re: **2021 Road Program Update**

The 60% plans for the 2021 Road Program have been submitted by our consultant, Baxter and Woodman, and are currently under review. We plan to bid the project in January, 2021. Staff felt that it would be good to update the Committee on our progress before going out for bids.

The project consists of repairs and replacements of mostly concrete pavements in the Village. The table below, along with the attached map, shows the anticipated work areas and types of work planned. The utility repairs are to the Village's sanitary, storm and water systems, and pavement repairs include curb and gutter repairs as necessary.

Street	Limits	Work Planned	Notes
Good Hope Road	Waukesha Ave to Railroad Tracks	Concrete pavement repairs and Utility Repairs	Includes intersection Of Waukesha and Good Hope
Waukesha Ave	Keystone Court to Good Hope Road	Concrete pavement repairs and Utility Repairs	
Hi-Tech Drive	All	Asphalt pavement Replacement except Bulb, which will be Resurfaced and Utility Repairs.	LRIP grant funding Secured for this Road work. (+/- \$21,000)
Miller Way	All	Concrete pavement repairs and Utility Repairs	
Village Drive	Sussex Road to Main Street	Concrete pavement repairs and Utility Repairs	
Sussex Road	Village Drive to Main Street	Concrete pavement repairs and Utility Repairs	
Sussex Road	Silver Spring Drive To Village Drive	Concrete pavement Replacement and Utility Repairs	Includes intersection Of Sussex Road And Village Drive
Industrial Park – Ditch Grading	Ditch – mid-block from Village Drive south +/- 250 ft	Excavate ditch, Install rip rap, Restore turf	Correct flooding Of lots north of Village Drive

Industrial Park – Pond Repair	Along Silver Spring Drive between Power Test and Nature’s Path	Remove accumulated Sediments, regrade And restore to provide Additional water Quality control	Correct flooding of Lots north of Village Drive and provide Additional storm Water quality control Per Village storm-Water master plan
Silver Spring Drive	Hickory Drive to Waukesha Avenue	Sidewalk construction (both sides) and utility repairs	

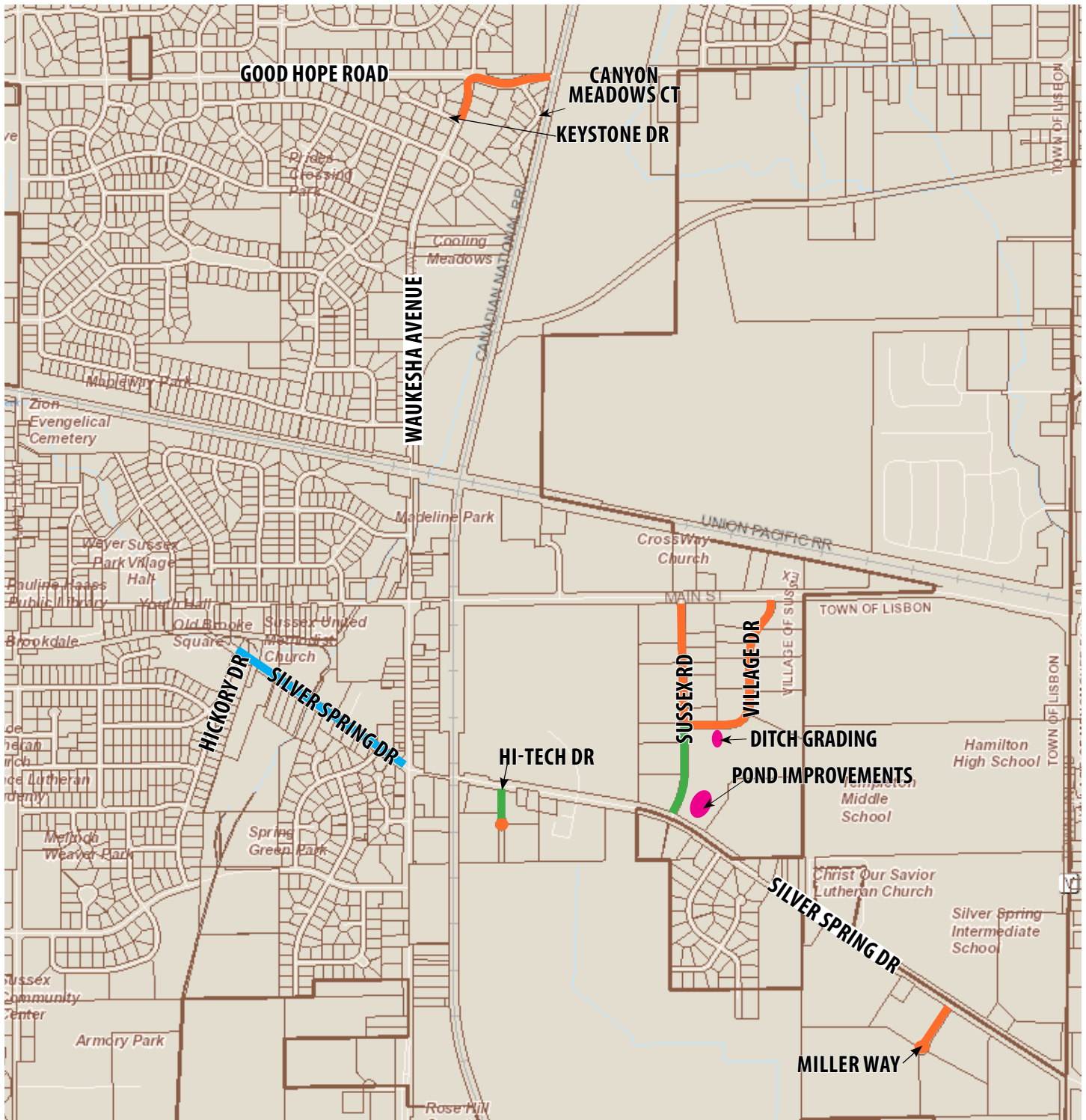
You will note that the pavement in the section of Sussex Road between Silver Spring Drive and Village Drive is being completely replaced, rather than repaired. Our inspection of this pavement revealed that nearly 40% of the pavement in this section of Sussex Road needed to be patched. When comparing the cost of replacement vs. repair, staff felt that since the cost of patching more than 37% of the pavement nearly matched the cost of replacing all of the pavement, replacement was a better use of taxpayer money. While Village Drive and Sussex Road pavements are being repaired or reconstructed, traffic on these roads will need to be one way due to all of large volume of truck traffic.

We have a similar situation with the asphalt pavement on Hi-Tech Drive. So much of the asphalt would need to be patched before resurfacing that it was found to be more economical to replace the pavement entirely.

This project also includes the construction of sidewalks on both sides of Silver Spring Drive between Hickory Drive and Waukesha Avenue. The sidewalks are being designed to work around existing trees, driveways, carriage walks and other existing infrastructure where possible. The sidewalk will not be a standard distance from the curb throughout the corridor. Some of it will be curb-side, some 2 feet from the curb, some 4 or 5 feet from the curb. We were not able to save everything; however, so there will be some trees, shrubs, and flower beds removals necessary to accommodate the sidewalk. All of these are currently located within the existing road Right of Way. Based on the preliminary design, it looks like we will not need to purchase right of way to install the sidewalk. However, we will need temporary easements for grading and driveway matches.

The overall budget for the project is \$1,915,000. The 60% estimate, with contingency, closely matches the budget.

Staff is working on a plan to safely hold neighborhood meetings for the project.



**VILLAGE OF SUSSEX
2021 ROAD PROGRAM**

- Pavement Repairs & Utility Repairs
- Pavement Replacement & Utility Repairs
- Sidewalk Construction (both sides) and Utility Repairs
- Ditch Grading & Pond Improvements



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MEMORANDUM

To: Public Works Committee
From: Judith A. Neu, Village Engineer
Date: November 20, 2020
Re: Ancient Oaks Subdivision: Acceptance of Improvements

The Developer of the Ancient Oaks Subdivision has completed the construction of public improvements in the development. Staff has inspected these improvements and finds them to be acceptable.

Improvements included:

- Sanitary Sewer
- Storm Sewer
- Water Mains and water laterals to the curb stop
- Stormwater Management facilities
- Public streets, curbs, sidewalks and paths
- Street lights
- Street signs and traffic control signs
- Street trees

Staff recommends that the Committee recommend acceptance of the Public Improvements in the Ancient Oaks subdivision to the Village Board.

RESOLUTION NO. 20-31

WHEREAS: The Plan Commission and Village Board of the Village of Sussex have approved the Final Plat for the Ancient Oaks subdivision, and

WHEREAS: As required by the Village's Subdivision Control Ordinances and the Developer's Agreement, the Developer has installed the necessary public improvements in the subdivision, and

WHEREAS: The sanitary sewer; storm sewer; water mains; water laterals; stormwater management facilities; public streets including curbs, pavement, sidewalks and paths; street lights; street signs and traffic control signs; and street trees along all streets in the subdivision have been completed and recommended by the Public Works Committee to be accepted.

NOW, THEREFORE, BE IT RESOLVED by the Village Board of the Village of Sussex, Waukesha County, Wisconsin, that:

1. The public improvements as described above are hereby accepted by the Village and the warranty date for said portion of the system begins on December 8, 2020 and shall last until December 8, 2022. The Village shall reduce the letter of credit for this portion of the development down to 10% of the total subdivision improvements costs.

Adopted _____

Village President

ATTEST: _____
Clerk-Treasurer



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MEMORANDUM

To: Public Works Committee
From: Judith A. Neu, Village Engineer
Date: November 24, 2020
Re: Engineering Monthly Report – November 2020

Maple Avenue:

- All sections of Maple Avenue are open to traffic and essentially complete. Main Street is also complete. Punch list work will be done as weather permits this fall and then start again in spring for items not completed.

Miscellaneous

- Leaf collection is complete for the year. The crews made 6 passes throughout the Village between October 19th and November 23rd and achieved the goal of passing every home at least once every two weeks.
- Yard Waste site statistics for 2020 are impressive despite the shortened season. With only 27 Saturdays of operation this year due to the pandemic, we had nearly the same number of vehicles at the site (12,085) as we had over 34 Saturdays in 2019 (12,238). On May 30, 2020, we hit a new record of 733 vehicles in a single day.

Main Street Traffic Signals

Some concerns have been raised from residents that signals are cycling (red/green) during times when traffic in and around Main Street is light. Currently the signals are in “flash” mode from 10:00 pm to 5:00 am daily. We reviewed traffic counts done for the 2040 Comprehensive Plan to determine if those flash times are still appropriate and feel that we could adjust “flash” mode time as follows, if there are no objections:

Monday – Friday: 8:00 pm to 6:00 am
Weekends: 8:00 pm to 8:00 am

Water Main Breaks

In October, we experienced two (2) water main breaks in the Village.

- The break on Laurel Court happened on October 24, 2020. The repair crew found a 1 foot long hole in the bottom of the 6” water main. That part of the main was lying on a large rock which eventually poked through the main. The cost of the repair was \$21,512.
- The break at the intersection of STH 164 and CTH VV/Main Street was discovered on October 15, 2020. This break was uniquely challenging because the water main was located in a casing, which made identifying the location of the leak challenging. The cost of the exploratory work completed that first weekend along with planning for a way to ultimately address the break was \$64,154.93. The final cost to relocate the water main, which was the most cost effective option identified by the contractors and staff, was \$207,066.26.

Developments:

- Woodland Trails: Phase 1 is complete except for the surface course of asphalt. Plans for phase 2 were submitted this week and are under review.
- Highlands / Basting Farm: Construction of Business Drive and the work along CTH K and STH 164 is complete.
- Sussex Preserve: Phase 3 plans will be approved this week. Grading operations are underway.
- Vista Run: Revised plans have been reviewed and are back in the designer’s hands.
- The Courtyard at Sussex: Construction has started on site. The public water main extension will be installed in December. The Pembroke cul de sac and Hickory Drive sidewalk construction will take place in Spring / Summer 2021.