

RESOLUTION #24-35

**A RESOLUTION REPEALING RESOLUTION #98-09 PRELIMINARY
RESOLUTION DECLARING INTENT TO EXERCISE SPECIAL
ASSESSMENT POLICE POWERS**

The Village Board of the Village of Jackson, Washington County, Wisconsin, does resolve as follows:

BE IT RESOLVED that the Village hereby repeals Resolution #98-09 (Exhibit A) for collection of a South Interceptor Sewer Fee during the during the Building Permit Application period to complete a future capacity study. A South Interceptor Sewer Study (Exhibit B) has concluded that based on flow modeling it is estimated that the existing interceptor has adequate reserve capacity to convey a 25-year, 6-hour rain event in addition to future projected 2050 flows. Per the study, the fee is no longer necessary.

Introduced by: *T. Engelhardt*

Seconded by: *T. Emmich*

Vote: 6 Ayes 0 Nays

Passed and Approved: 12/10/2024

Attest: *Jacqueline Schuh*
Jacqueline Schuh – Village Clerk

Brian J. Heckendorf
Brian J. Heckendorf – Village President

Proof of Posting:

I, the undersigned, certify that I posted this Resolution on bulletin boards at the Village Hall, Post Office, and one other location in the Village.

Jacqueline Schuh
Village Official

12/11/2024
Date

EXHIBIT A

RESOLUTION #98-09 PRELIMINARY RESOLUTION DECLARING INTENT TO EXERCISE SPECIAL ASSESSMENT POLICE POWERS

Resolved, by the Village Board, ("Governing Body") of the Village of Jackson, Washington County, Wisconsin (the "Municipality"):

1. The Governing Body hereby declares its intention to levy special assessments pursuant to Section 66.60, Wis. Stats., upon the property described in Schedule A hereto for special benefits conferred upon such property by the construction of a sanitary sewer interceptor from the Wastewater Treatment Plant to the Glen Brooke Planned Unit Development.
2. The Governing Body hereby determines that the construction of such improvements is in the best interest of and for the health and welfare of the Municipality and the property affected by the improvement and constitutes an exercise of the police power.
3. The assessment against any parcel may be paid in cash or in annual installments consistent with the bond issuance provisions.
4. The Clerk shall cause to be prepared a report which shall consist of:
 - a. Final plans and specifications for the improvements.
 - b. An estimate or bid of the entire cost of the proposed improvements.
 - c. A schedule of proposed assessments.
5. When the report is completed, the Clerk shall make a copy of the report available for public inspection.
6. Upon completion of the report, the Clerk shall cause notice to be given stating the nature of the proposed improvement, the general boundary lines of the assessment district, the time and place at which the report may be inspected, and the time and place of the public hearing on the matters contained in the preliminary resolution and the report. This notice shall be published as a Class 1 notice and a copy shall be mailed, at least 10 days before the hearing, to every interested party.
7. The hearing shall be held at the regular meeting place of the Governing Body at a time set by the Clerk in accordance with Section 66.60(7), Wis. Stats.

Adopted February 10, 1998

Signed

Donna Spaeth
Donna Spaeth, Village President

Attest

Delmore A. Beaver
Delmore A. Beaver, Administrator/Clerk

SCHEDULE A

Description of Assessment District

The improvements will be constructed in the southwest 1/4 of Section 20, Town 10 North, Range 20 East and in the southeast 1/4 of Section 19, Town 10 North, Range 20 East.

Generally the private properties the improvements will benefit are: the Erwin Dallmann property; the Rivers Bluff Subdivision; the Hardiman property (which is in process of being purchased by the Village); the Luke and Agnes Heppel property, and the Lorraine Ehlke property.

Sanitary Sewer Collection System Study

Executive Summary

Project Summary

Foth Infrastructure & Environment, LLC (Foth) was retained by the Village of Jackson to prepare a study report for the 30-inch sanitary sewer interceptor from the intersection of Sherman Road and Jackson Drive to the intersection of Hickory Land and Eagle Drive. The study also includes an evaluation of the Twin Creeks Lift Station located on the south side of the intersection of Sherman Road and Jackson Drive. The interceptor was installed in the late 1990's and serves the west and southern portion of the Village. The lift station was constructed in the early 2000's and serves the Twin Creeks and Maple Fields subdivisions located on the south side of the Village.

Purpose

The purpose of this study is to assess the condition and capacities of the Twin Creeks Lift Station and 30-inch sanitary sewer interceptor. The Village wants to determine the lift station and interceptor capacities are and when upgrades would likely be required to accommodate future growth.

Scope

The study included the following tasks:

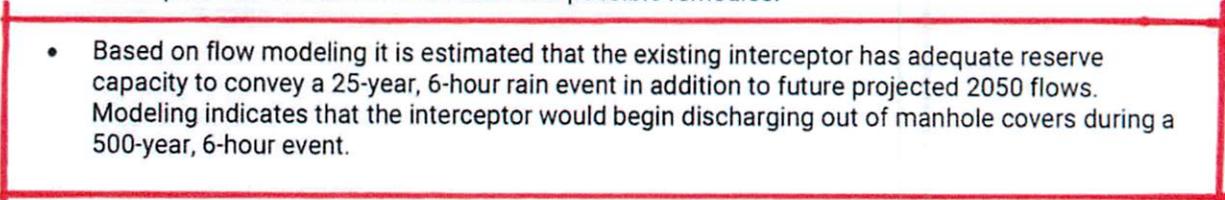
- Install five sewer flow meters.
- Investigate the structural condition of the interceptor manholes.
- Review sewer televising reports and video of the 30-inch interceptor provided by the Village.
- Investigate the current condition of the Twin Creeks Lift Station structure and equipment.
- Evaluate flow data from flow meters.
- Estimate future flows based on growth projections and future land use maps.
- Evaluate the capacities of the interceptor and the Twin Creeks Lift Station.
- Recommend current and future improvements to the 30-inch interceptor and Twin Creeks Lift Station.

Conclusions/Recommendations

Based on the findings of this report, conclusions are as follows:

- The Twin Creeks Lift Station pump capacity and wet-well set points are currently adequate to convey existing flow conditions. Minor adjustments can be made to pump set-points in the future to adjust for growth. As flows to the lift station continue to increase, or when the existing pumps require significant repairs, larger pumps should be installed. The pump controller and motor controls should be updated when the pumps are replaced (See Section 2.3.1 and 6.3 for specific recommendations).
- Based on flow modeling it is estimated that there is enough storage capacity in the upstream sewer for the existing lift station pumps to convey the projected 2050 peak flows without creating a back-up into the basement of the first house upstream from the lift station. However, surcharging into the upstream sewer is not a desired condition, so the pumps should be upgraded before this scenario occurs.
- Based on flow modeling, the capacity of the interceptor is adequate to convey the existing and future 2050 flow conditions for the 5-year 6-hour rain event.

- The interceptor manholes are in good condition. Only minor repairs and grouting is recommended to maintain the integrity of these service points.
- The flow metering data indicates that sewer basins 1, 2, and 4 experience infiltration rates during wet weather events that exceed the excessive infiltration threshold of 1,500 gallons per inch-diameter-mile, according to EPA standards. Further I/I field investigations should be conducted to detail potential sources of infiltration and possible remedies.

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- Based on flow modeling it is estimated that the existing interceptor has adequate reserve capacity to convey a 25-year, 6-hour rain event in addition to future projected 2050 flows. Modeling indicates that the interceptor would begin discharging out of manhole covers during a 500-year, 6-hour event.
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