



COUNTY ADMINISTRATOR
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TO: Martha Kern, Chair
Ways & Means Committee

THROUGH: Robert E. Guenzel
County Administrator

FROM: Daniel R. Myers, P.E.
Director of Public Works

DATE: June 20, 2001

SUBJECT: Sylvan Township Wastewater System

BOARD ACTION REQUESTED

It is requested that the Board of Commissioners approve the attached resolution directing the Board of Public Works to undertake a wastewater project for the Township of Sylvan in Washtenaw County. Companion actions for this request are consideration of contracts and a bond resolution which are also on the agenda for this meeting.

BACKGROUND

In the past Washtenaw County has assisted several communities with the construction of water, wastewater and solid waste facilities. Communities are able to access the County's excellent credit rating by utilizing the provisions of Act 185, through the Division of Public Works and the Board of Public Works.

Sylvan Township has passed a resolution requesting assistance from the County in the construction and financing of a wastewater improvement project. The Project would initially provide wastewater service to an area in the eastern part of Sylvan Township near the Village of Chelsea. This area is identical to the area to be served by the water system which was approved by the Ways and Means Committee on May 2. The Project will consist of a wastewater transport system constructed to initially serve 1,034 residential equivalent users (REU's). The system will be able to ultimately serve approximately 6,000 REU's.

The system will consist of pump stations and force mains to transport sewage from Sylvan Township to an existing wastewater treatment facility in Leoni Township in Jackson County. The estimated cost for this project is \$7,500,000.

This project also provides a base for potential future phases that would address areas that do or will have sewer service needs. These areas include Cavanaugh Lake, Crooked Lake and Cedar Lake in Sylvan Township and Sugar Loaf Lake in Lyndon Township. Additionally, the Cassidy Lake Technical Center and the State campground at Sugar Loaf Lake, both located in Lyndon Township, are in need of new treatment facilities. Experience in other areas has demonstrated the need for economies of scale and larger numbers of users to help finance wastewater systems. This project provides a good foundation for making future phases affordable.

Preliminary discussions for this project had proposed construction of a new wastewater treatment facility to be located in the western part of Sylvan Township discharging to a small stream near the headwaters of the the Grand River. The Jackson County Drain Commissioner requested that we consider the possibility of connecting to the existing facility in Leoni Township which was recently expanded. Upon review by our engineering and financial consultants it was determined that that was feasible. With assistance from the Jackson County Drain Commissioner, Sylvan Township has negotiated agreements with Leoni Township and Grass Lake Township in Jackson County for construction of this system.

DISCUSSION

This project will be built in conjunction with the Sylvan Township Water Project which was previously approved by the Board of Commissioners. The proposed resolution for your consideration initiates the process for County assistance. Additional actions will also be considered at this meeting including approval of contracts and a bond resolution. The Board of Public Works has recommended that the Board of Commissioners approve this resolution.

The Township will pledge their full faith and credit on this debt and will be responsible for all debt retirement payments. The project will be financed through special assessments on the benefited properties and future growth.

The proposed project has been reviewed by the Board of Public Works and the Washtenaw County Planning Commission and they have recommended approval. Wahtenaw County's Bond Counsel, Axe & Ecklund have prepared this resolution and the the project has been reviewed and recommended by our financial advisor, Bendzinski & Co.

IMPACT ON PERSONNEL

There will be no impact on personnel.

IMPACT ON BUDGET

There will be no impact on the County general fund budget. All costs associated with administration of this project, including County staff time, will be reimbursed from the project funds.

IMPACT ON INDIRECT COSTS

There will be no impact on indirect costs. Administrative charges for this project are calculated utilizing a multiplier system that captures overhead costs including the indirect costs of the Cost Allocation Plan.

IMPACT ON OTHER COUNTY DEPARTMENTS OR OUTSIDE AGENCIES

There will be no impact on other County Departments.

CONFORMITY TO COUNTY POLICIES

This action is in conformance with County policies. The resolution has been prepared by our bond counsel, and has been reviewed by the Board of Public Works, Metropolitan Planning Commission, Corporation Counsel, Finance and County Administration.

ATTACHMENTS/APPENDICES

Resolution

Preparer: Daniel R. Myers P.E.
Director of Public Works

COUNTY OF WASHTENAW
BOARD OF COMMISSIONERS

At a regular meeting of the Board of Commissioners of the County of Washtenaw held in the Ann Arbor, Michigan, on July 18, 2001 at 6:45 p.m. Eastern Daylight Savings Time, there were:

PRESENT: _____

ABSENT: _____

The following preamble and resolution were offered by _____ and seconded by _____.

RESOLUTION DIRECTING THE BOARD OF PUBLIC WORKS TO UNDERTAKE A WASTEWATER SYSTEM FOR THE TOWNSHIP OF SYLVAN

WHEREAS, there has been submitted to this Board a resolution adopted by the Township Board of the Township of Sylvan in Washtenaw County (the "Township") requesting the County of Washtenaw (the "County") acting through its Department of Public Works, to undertake a project to construct a wastewater system (the "Project") all as preliminarily described in Appendix A attached hereto; and

WHEREAS, the County has conducted its necessary review of this project under the County's Full Faith and Credit Policy; and

WHEREAS, it appears to this Board that the establishment and construction of the Project, as requested by the Township, is feasible and should be carried out subject to the final Full Faith and Credit review; and

WHEREAS, the Project would be established through the issuance of County bonds, financed pursuant to the provisions of Act No. 185, Michigan Public Acts of 1957, as amended ("Act 185"); and

WHEREAS, in order to comply with the request, it is necessary that the Project be approved by resolution adopted by the County Board of Commissioners, pursuant to Act 185;

NOW, THEREFORE, BE IT RESOLVED as follows:

1. The Board of Commissioners does hereby preliminarily approve, pursuant to Act 185, the constructing of a wastewater system for the Township as requested in the resolutions adopted by the Township.
2. The Project shall be known as the "Sylvan Township Wastewater System Project".
3. The County shall pledge its full faith and credit to the payment of the principal of and interest on any bonds or notes of the County issued for the Project.
4. The firm of Axe & Ecklund, P.C. attorneys of Grosse Pointe Farms, Michigan, is hereby designated as bond counsel in connection with the Project, and the firm of Bendzinski & Company of Detroit, Michigan, is hereby designated as financial consultants for the County in connection with the Project.

5. The issuance and sale of Bonds in the amount of not to exceed \$7,500,000 shall be subject to the approval of the Michigan Department of Treasury, as required by law, and the Director of the Department of Public Works, or Bond Counsel is hereby authorized to make application to the Department of Treasury for permission to issue and sell Bonds. Alternatively, the Director of the Department of Public Works, or Bond Counsel, in his or her discretion, is authorized to apply for an exception to such prior approval from the Michigan Department of Treasury.

6. All resolutions, or portions thereof, insofar as they may be in conflict with this resolution, are hereby rescinded.

A vote on the foregoing resolution was taken and was as follows:

YES: _____

NO: _____

ABSTAIN: _____

The Resolution was declared adopted

CERTIFICATION

I, the undersigned County Clerk of Washtenaw County, hereby certify that the foregoing is a true and accurate copy of a resolution adopted at a regular meeting of the County Board of Commissioners held on July 18, 2001, the original of which is on file in my office, and that notice of such meeting was given and such meeting was conducted in compliance with and pursuant to Act No. 267, Michigan Public Acts of 1976, as amended.

County Clerk

APPENDIX A

**Project Description
Sylvan Township Wastewater System**

Sylvan Township's new wastewater system for Sewer District No. 1 will include two main collection points in the District and a transport system to convey wastewater from the District to the existing Leoni Wastewater Treatment Plant. Sewer District No. 1 is in the east end of Sylvan Township and has 1,000 REUs. The wastewater system will have the capability of being expanded to handle future service areas.

Wastewater from Sewer District No. 1 will be collected by two pump stations, the South Pump Station in Section 14 of the Township and the North Pump Station located Section 11, north of Cavanaugh Lake Road. Both Pump Stations will discharge through separate force mains to the Main Pump Station near the intersection of Pierce Road and Old US 12. The force mains will be a 10-inch diameter with lengths of 9,500 feet from the South Pump Station and 13,000 feet from the North Pump Station.

The Main Pump Station and three other pump stations will be used to transport the wastewater to the Leoni Wastewater Treatment Plant, WWTP. The Leoni WWTP is in Leoni Township on Page Avenue west of Hayball Road.

The transport force main will be routed along I-94 to Knight Road then west on Knight Road to Willis Road, south on Willis Road to Michigan Avenue, west on Michigan Avenue to Hayball Road, and south on Hayball to Page Avenue and west on Page Avenue to the Leoni WWTP. The force main will be 12 and 16 inch diameter pipe with a total length of 78,5000 feet.

The estimated cost of the system is as follows:

Construction	\$5,770,000
Engineering, legal and financing	\$1,154,000
Contingencies	<u>\$ 576,000</u>
Total Cost	\$7,500,000