



COUNTY ADMINISTRATOR
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TO: Al Robinson, Chair
Ways & Means Committee

THROUGH: Robert E. Guenzel
County Administrator

FROM: Janis A. Bobrin
Drain Commissioner

DATE: March 10, 1999

SUBJECT: Grant Application for Construction of Wetland Treatment Systems for Water Quality Enhancement in Salem Village

Board Action Requested:

It is requested that the Board of Commissioners authorize the application to the Environmental Protection Agency for \$364,056 in Federal grant monies for 1999-2001 to fund construction of stormwater management infrastructure and stormwater treatment wetlands to alleviate flooding and enhance quality of discharge from stormwater collection and conveyance systems in the Hamlet of Salem, and authorization for the County Administrator to execute an interagency agreement with Wayne County (Grant Administrator).

Background

In 1996, the Washtenaw County Drain Commissioner submitted a grant proposal for Federal funds to construct a wetland treatment systems as part of reconstruction of Salem Village's stormwater systems (Village Tile and Village Tile #2), which is a tributary to the Johnson Creek, and thence the Rouge watershed. The

reconstruction project was undertaken in response to petitions from Salem Township. The grant, part of an EPA National Demonstration Grant awarded to Wayne County, was awarded in an amount sufficient to fund a study and engineering design, with the understanding that construction funding would be considered subsequently.

Discussion

In response to petitions from Salem Township residents, a detailed engineering study for water quality improvements to the Salem Village stormwater system is now complete. The study determined that significant water quality improvement opportunities exist for both (Village Tile and Village Tile #2) stormwater systems. Improvement opportunities include redirecting flow through a large existing wetland after pretreatment, and constructing a wetland and a wetland-swale in place of a current underground pipe, relieving localized flooding for residents.

Wayne County is the grant administrator with Washtenaw County benefiting through collaboration. Work undertaken will include project management, easement acquisition, construction of water quality enhancements for the Village stormwater systems and substantial storm sewer construction to replace existing, non-functioning systems and to convey stormwater to areas suitable for a wetland/filtration.

Impact on Human Resources

The Office of Drain Commissioner will provide project management and coordination as in-kind services.

Impact on Budget

The project is estimated to cost \$896,255 for construction.** Of this amount, \$12,800 is for administrative fees and in-kind match (Janice Bobrin's time). The estimated special assessment* is \$883,455 leaving \$519,399 for special assessment. The County apportionment is 17.69% (\$91,881.68) including the grant with half (\$45,940.84) paid by Road Commission and the remainder paid by the General Fund. Without the grant, the assessment would be \$156,283.19 and the County apportionment would be \$78,141.59. The net savings based on the receipt of the grant are \$32,200.75.

Impact on Indirect Costs

Indirect costs are not allowed

Impact on Other County Departments or Outside Agencies

The Drain Commissioner's office will be working with local officials, their staff and consultants on this program. Residents, property owners, visitors and officials of Washtenaw County and downstream areas will benefit from this program.

Conformity to County Policies

Conforms to County policies

Attachment

Grant application

*Grant reporting/management costs and in-kind local match are not included in the special assessment.

**All numbers are based on engineer's estimate of construction costs.

A RESOLUTION AUTHORIZING THE APPLICATION FOR FEDERAL EPA GRANT MONIES FOR THE SALEM WETLAND GRANT FOR THE DRAIN COMMISSIONER IN THE AMOUNT OF \$896,255 FOR THE PERIOD OF 1999-2001

WASHTENAW COUNTY BOARD OF COMMISSIONERS

March 24, 1998

WHEREAS, Wayne and Washtenaw Counties are applying to the Federal Environmental Protection Agency for \$364,056 for the period 1999-2001; and

WHEREAS, Federal funding has been made available from US EPA to the Rouge River National Wet Weather Demonstration Project, through Wayne County to fund water quality enhancements in the Rouge watershed; and

WHEREAS, the Washtenaw County Drain Commissioner has completed a study of water quality enhancements as part of a reconstruction project on the Salem Village Tile and Salem Village Tile #2 Drains in the Hamlet of Salem; and

WHEREAS, Washtenaw County Government has been working to promote water quality and watershed planning approaches in the Rouge River Watershed; and

WHEREAS, residents, property owners, visitors and officials of Washtenaw County and downstream areas will benefit from this program; and

WHEREAS, the stormwater conveyance systems serving the Hamlet of Salem have long been inadequate and the cause of localized flooding; and

WHEREAS, Salem Township has petitioned the Drain Commissioner to repair and improve the Salem Village Stormwater Systems; and

WHEREAS, the available grant funding will provide partial funding to allow the Drain Commissioner to replace and inoperative stormwater system and provide water quality protection as well; and

WHEREAS, as in the case in any drain project, a percent is apportioned to the County for drainage of county roads; and

WHEREAS, Washtenaw County portion of the special drain assessment at large will be \$91,881.68 of which \$45,940.84 will be reimbursed by the County Road Commission; and

WHEREAS, this matter has been reviewed by Corporation Counsel, the Finance Department, Human Resources, the County Administrator's Office and the Ways & Means Committee.

NOW THEREFORE BE IT RESOLVED that the Washtenaw County Board of Commissioners hereby authorizes the grant application to the Environmental Protection Agency for the Salem Wetland Project in the amount of \$896,255 for the period 1999-2001, as on file with the County Clerk

BE IT FURTHER RESOLVED that the Board of Commissioners hereby takes the following actions contingent upon receipt of the award in conformity with the application:

1. Authorizing the Administrator to sign the Notice of Grant Award
2. Authorizing the Administrator to sign the Interagency Agreement, to be filed with the County Clerk upon review of Corporation Counsel
3. Amending the budget, as follows:
 4. Authorizing the Administrator to sign delegate contracts upon review of Corporation Counsel to be filed with the County Clerk

Salem Storm Water / Wetland Project
Business Unit - 1380984400
MY (1998-1999)

		<i>Current Budget</i>	<i>Revised Budget</i>	<i>Variance</i>
<i>Revenues:</i>				
40500	<i>Special Assessment</i>	0	\$ 519,399	\$ 519,399
50000	<i>Federal Revenue</i>	0	\$364,056	\$364,056

69000	<i>In-kind</i>	0	\$ 12,800	\$ 12,800
<i>Total</i>		0	\$896,255	\$896,255
<i>Expenditures</i>				
70500	<i>Personal Services</i>	0	\$ 3,400	\$ 3,400
72600	<i>Other Services & Charges</i>	0	\$373,456	\$373,456
70000	<i>Special Assessment</i>	0	\$ 519,399	\$ 519,399
<i>Total</i>		0	\$896,255	\$896,255

Indirect Costs: 0

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