

Division of Water Pollution Control

This request for legislation is to authorize the Director of Public Utilities to enter into one or more public improvement for the construction of the Belvidere Avenue Area, Panna Lane Pump Station, Mannering Avenue Area, Courtland Avenue/Victory Boulevard Area, West 50 Street Area, Lawnview Avenue Area and Capitol Avenue Area sewer improvements for the Division of Water Pollution Control, Department of Public Utilities; employ one or more firms of engineers and other professional consultants to provide professional services to design and implement the projects; apply and accept grants and loans, apply and pay for permits, licenses and other authorizations required for the projects.

Background/Purpose:

The Belvidere Avenue Area sewer project is located in the City of Cleveland on Belvidere Avenue between East 66 Street and East 68 Place. The existing combined sewer was built in 1898. The existing sewer system is structurally deteriorating. The project consists of replacing approximately 500 feet of existing combined main sewer to convey sewer flow properly.

The Panna Lane Pump Station project is located in the City of Cleveland on Panna Lane east of West 11 Street. The existing station was built in 1970. The existing station is structurally deteriorating. The project consists of replacing the existing pump station with a new above-ground pump station structure and approximately 180 feet of force main.

The Mannering Avenue Area sewer project is located in the City of Cleveland on Mannering Avenue between Endora Road and Euclid Avenue. The existing sewers were built in 1927. The existing sewer system is structurally deteriorating and causes property and street flooding. The project consists of replacing approximately 1,450 feet of sanitary and storm main sewers to alleviate flooding.

The Courtland Avenue/Victory Boulevard Area sewer project is located in the City of Cleveland on Wainstead Avenue, Tyler Avenue, Courtland Avenue, Clifford Avenue and Emery Avenue between West 140 Street and Victory Boulevard, and West 137 Street between West Avenue and Emery Avenue. The existing combined sewers were built in 1924. The existing sewer system is undersized and causes street and property flooding. The project consists of replacing the existing combined main sewers and installing storm relief sewer to alleviate flooding.

The West 50 Street Area sewer project is located in the City of Cleveland on West 50 Street between Memphis Avenue and Shadyside Avenue. The existing combined sewer was built in 1966. The existing sewer system is undersized and causes street and property flooding. The project consists of installing of new storm relief main sewer to alleviate flooding.

The Lawnview Avenue Area sewer project is located in the City of Cleveland on Lawnview Avenue between East 70 Street and East 71 Street. The existing combined sewer was built in 1889. The existing sewer system is structurally deteriorating and causes street and property flooding. The project consists of replacing approximately 400 feet of existing combined main sewer to alleviate flooding.

The Capitol Avenue Area sewer project is located in the City of Cleveland on Capitol Avenue between East 86 Street and East 89 Street. The existing combined sewer was built in 1899. The existing sewer system is structurally deteriorating and causes street and property flooding. The project consists of replacing approximately 650 feet of existing combined main sewer to alleviate flooding.

Scope of Work/Commodities/Services:

Belvidere Avenue Area Sewer Project - \$400,000

The project consists of replacing approximately 500 feet of existing combined main sewer on Belvidere Avenue in Ward 7.

Panna Lane Pump Station Project -\$ 2,000,000.00

The project consists of replacing the existing pump station with a new above-ground pump station structure and approximately 180 feet of force main on Panna Lane in Ward 15.

Mannering Avenue Area Sewer Project -\$ 1,600,000.00

The project consists of replacing approximately 1,450 feet of existing storm and sanitary sewers on Mannering Avenue in Ward 10.

Courtland Avenue/Victory Boulevard Area Sewer Project -\$ 8,000,000.00

The project consists of replacing existing combined main sewer and installing new storm relief sewer on Wainstead Avenue, Tyler Avenue, Courtland Avenue, Clifford Avenue, Emery Avenue and West 137 Street in Ward 16.

West 50 Street Area Sewer Project -\$ 500,000.00

The project consists of installing new storm relief sewer on West 50 Street in Ward 13.

Lawnview Avenue Area Sewer Project -\$ 400,000.00

The project consists of replacing approximately 400 feet of existing combined main sewer on Lawnview Avenue in Ward 7.

Capitol Avenue Area Sewer Project -\$ 600,000.00

The project consists of replacing approximately 650 feet of existing combined main sewer on Capitol Avenue in Ward 6.

Justification/Urgency:

The following are results of failure of a public main sewer:

- Backups into private properties; including but not limited to basement flooding causes personal damages and health concerns.
- Street flooding due to failed main sewer.
- Street collapse; ground undermining/sinkholes.
- Illicit discharge resulting in health and environmental concerns.
- Disruption of utility services such as water, telephone, gas, electric, etc. due to street collapse/undermining
- Higher construction repair cost due to emergency situation if main sewer not rehabilitated as planned; no competitive bid prices.

Prevention of the consequences, listed above, due to main sewer failure requires these projects to be bid as planned.

Anticipated Costs and Funding Source:

The Division of Water Pollution Control will fund the projects before contracted. The Division anticipates spending approximately \$13,500,000.00.

The cost of the improvements and other expenditures authorized shall be paid from Fund 54, SF 001, and any and all funds deemed necessary by the Director of Public Utilities and/or the Director of Finance, and/or from the fund or subfund to which are credited the proceeds of future sewer bonds, if issued for this purpose or other funds from NEORSD's Stormwater Community Cost Share, Member Community Infrastructure Program, and grants and/or one or more Water Pollution Control Loan Fund (WPCLF) loans from Ohio EPA or Ohio Water Development Authority (forgivable or unforgivable) or other sources.

That the Director of Public Utilities and/or the Director of Finance is authorized to apply for and accept one or more Water Pollution Control Loan Fund (WPCLF) loans from the Ohio EPA or the Ohio Water Development Authority (forgivable or non-forgivable).

That the Director of Public Utilities and/or the Director of Finance is authorized to enter into one or more loan agreements with the Ohio EPA or the Ohio Water Development Authority, or other appropriate state agency, for one or more WPCLF loans, which loan agreement or agreements shall contain additional terms that are acceptable to the Director of Law to protect the public interest. The Director of Public Utilities and/or the Director of Finance is further authorized to file all papers and execute all documents necessary to receive the funds under the WPCLF Agreement or Agreements; and appropriate the loan funds for the purposes set forth in the WPCLF Agreement or Agreements.

Schedule or Term of Contract:

Legislation is to lead to one (1) or more Public Improvement contract(s) based upon a unit price. Contract or contracts will be considered complete upon final acceptance by the Division of Water Pollution Control.

CSB Participation:

Goals: 30%