

CSO LTCP Project Fact Sheet

LTCP Project Number: L_OR_MF_189_M_03_A_A

Project Name: Shawnee FPS DWO Elimination

Project Type: Pump Station Modification

Receiving Stream: Ohio River

Project Description: This project provides a new electric actuator for Gate 88 equipped with local control through a PLC and WLSs.

Design Parameters / Assumptions: The design will be developed in accordance with the MSD Design Manual

Surrounding Area Land Use: The project area includes 'Parks' & 'Single Family Residential' properties.

Apparent Utilities Description: NA

Capital Projects: None

Advanced Site Restoration: NA

Estimated Capital Cost (2008): \$411,000

**Integrated Overflow Abatement Plan
Vol. 2 - Final CSO Long - Term Control Plan**

Ohio River
Solution ID # L_OR_MF_189_M_03_A_A
Shawnee FPS DWO Elimination

**Preliminary - For Budget Development Only
Legend**

- Active CSO
- Eliminated CSO
- Existing Catch Basin
- - - Existing Drainage Line
- PS Pump Station
- Force Main
- Collector < 12"
- Interceptor => 12"
- Combined Sewer Pipe
- ▨ Floodway
- ▨ Metro Parks
- ~ Streams
- ▭ County Boundary

**General representation of overflow
abatement solutions are for
preliminary planning purposes.
Alignments and locations may be
altered during design.**

1 inch equals 250 feet
Scalable when printed on 11" X 17" paper

Some boundaries are uniquely
symbolized within the map.
Map Revision
December 9, 2008
Aerial Date: 2006



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CSO LTCP Project Fact Sheet

LTCP Project Number: L_OR_MF_022_M_03_A_A

Project Name: 4th Street FPS DWO Elimination

Project Type: Pump Station Modification

Receiving Stream: Ohio River

Project Description: This project provides for the installation of hydraulic actuators on Gates 33 & P3. The gates will be operated by a local PLC and WLSs to ensure that DWOs do not occur. This modification will change the 'Plant Idle' mode of operation at the FPS to a "Minor Flood" mode.

Design Parameters / Assumptions: The design will be developed in accordance with the MSD Design Manual

Surrounding Area Land Use: The project area includes 'General Commercial & Office' and is located in the downtown CBD.

Apparent Utilities Description: NA

Capital Projects: None

Advanced Site Restoration: NA

Estimated Capital Cost (2008): \$944,000

Integrated Overflow Abatement Plan
Vol. 2 - Final CSO Long - Term Control Plan
Ohio River
Solution ID # L_OR_MF_022_M_03_A_A
4th Street FPS DWO Elimination

Preliminary - For Budget Development Only
Legend

- Active CSO
- Eliminated CSO
- Existing Catch Basin
- Existing Drainage Line
- PS Pump Station
- Force Main
- Collector < 12"
- Interceptor => 12"
- Combined Sewer Pipe
- ▨ Floodway
- ▨ Metro Parks
- ~ Streams
- ▭ County Boundary

General representation of overflow abatement solutions are for preliminary planning purposes. Alignments and locations may be altered during design.

1 inch equals 100 feet
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Map Revision
December 9, 2008
Aerial Date: 2006



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CSO LTCP Project Fact Sheet

LTCP Project Number: L_OR_MF_190_S_03_A_A

Project Name: 17th Street FPS DWO Elimination

Project Type: Pump Station Modification

Receiving Stream: Ohio River

Project Description: This project provides a new sluice gate with hydraulic actuator for Gate 53 with local control through a PLC and WLSs and will operate in conjunction with 34th Street FPS.

Design Parameters / Assumptions: The design will be developed in accordance with the MSD Design Manual

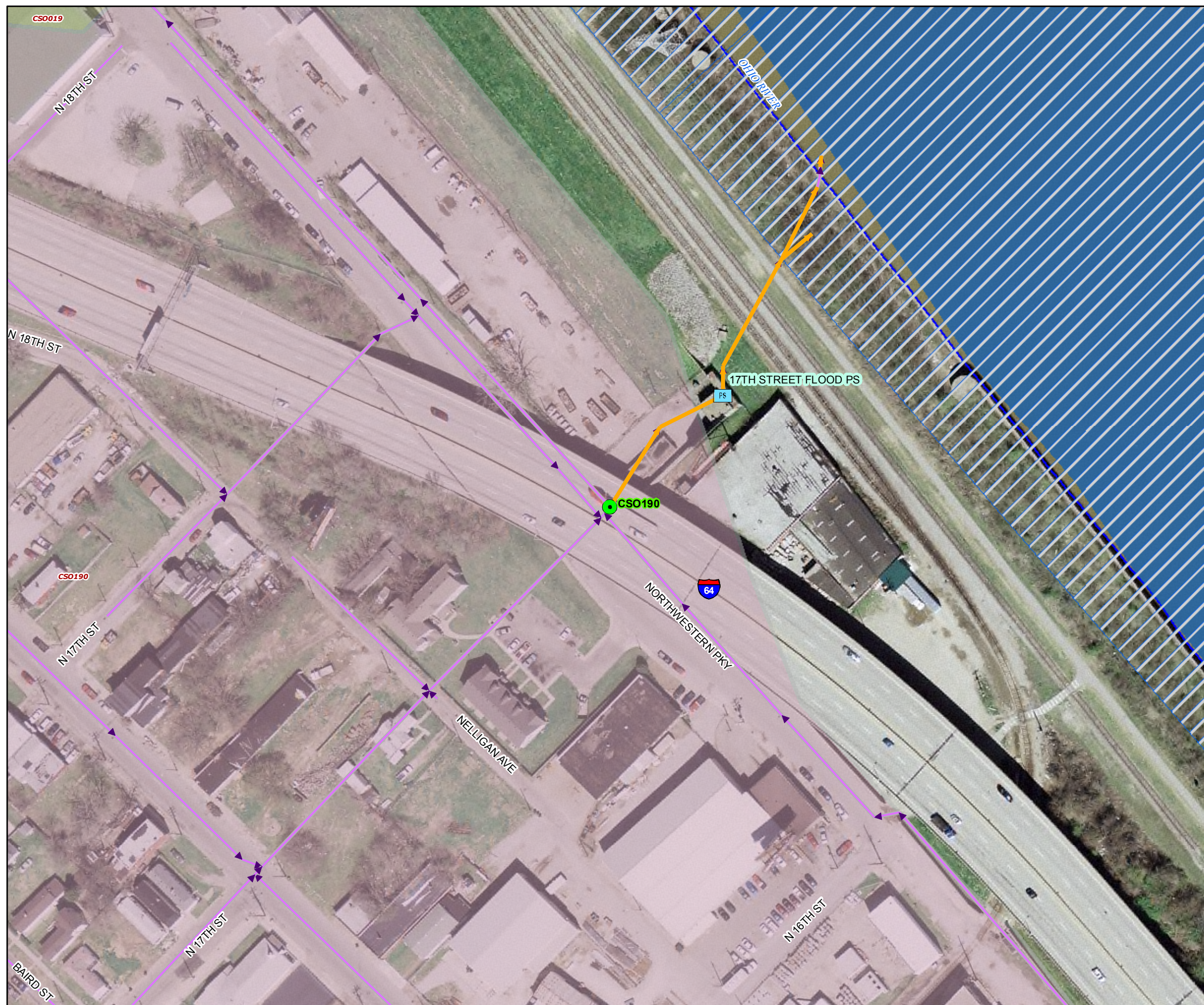
Surrounding Area Land Use: The project area includes 'General Commercial & Office' and 'Industrial'.

Apparent Utilities Description: NA

Capital Projects: None

Advanced Site Restoration: NA

Estimated Capital Cost (2008): \$625,000
















Integrated Overflow Abatement Plan
Vol. 2 - Final CSO Long - Term Control Plan

Ohio River
Solution ID # L_OR_MF_190_S_03_A_A
17th Street FPS DWO Elimination

Preliminary - For Budget Development Only

Legend

-  Active CSO
-  Eliminated CSO
-  Existing Catch Basin
-  Existing Drainage Line
-  Pump Station
-  Force Main
-  Collector < 12"
-  Interceptor => 12"
-  Combined Sewer Pipe
-  Floodway
-  Metro Parks
-  Streams
-  County Boundary

General representation of overflow abatement solutions are for preliminary planning purposes. Alignments and locations may be altered during design.

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