

US EPA ARCHIVE DOCUMENT

EXHIBIT 3

Metropolitan Sewer District of Greater Cincinnati

Exhibit 3

PROJECTS / SCHEDULES

***October 1, 2001
Revised June 2002***

Project Information for:
SSOs 530, 531, 567, 577, & 634
North College Hill Group

- 6309 Betts Ave. (530)
- Goodman & Baker Aves. intersection (531)
- 6936 Grace Ave. (567)
- Sterling Ave. (577)
- W. Galbraith & Parrish Aves. intersection (634)

Description and Location:

The proposed North College Hill Replacement Sewers (CIP 83-07-02-C, 83-07-02-D, 83-07-03) are being sized to handle a 10 year 24 hour storm based on completed and current monitoring/modeling studies. These sewers will address the highly active SSO 530, and will provide connection for the proposed Goodman Avenue Sewer.

The proposed North College Hill Sewers begin 1000 feet west of the intersection of Compton Road and Daly Road and terminates at the intersection of North Bend Road and Witherby Avenue, approximately 13,000 linear feet of sewer. The project is within the City of North College Hill, the City of Mt Healthy, the City of Cincinnati and Springfield Township.

The Proposed Goodman Avenue Replacement Sewer (CIP 2001-25) will be sized to handle a 10 year 24 hour storm based on a current monitoring/ modeling study. Initial recommendations are to upsize the sewer. The proposed project is being modeled currently under the Sanitary Sewer No. 3 Study, (CIP 99-68) to determine capacity requirements.

The proposed Goodman Avenue Sewer is expected to connect to the North College Hill Sewer, Phase 3, at the intersection of Goodman Avenue and Hamilton Avenue and terminate at Sterling Avenue 125 feet east of Betts Avenue. The project is within the City of North College Hill. Approximately 4000 linear feet of sewer is to be constructed.

The Proposed Grace Avenue Replacement Sewer (CIP 2001-24) includes replacing and upsizing the existing 8" sanitary sewer from the intersection of Galbraith Road and Grace Avenue north along Grace Avenue approximately 360 feet. The project is located in the City of North College Hill. This project will address the highly active SSOs 531 and 577. This project will address the highly active SSO 567.

The Galbraith Road Replacement Sewer, Phase 1 (CIP 98-05-01) has been completed and has positively affected SSO 634 and 567. SSO 634 has not bypassed in two years.

Project Information for:
SSOs 530, 531, 567, 577, & 634
North College Hill Group
(CONT.)

Construction Complete Dates*:

<u>SSO</u>	<u>DATE</u>
530	12/31/04
531	2/29/05
567	10/31/03
577	2/29/05
634	Complete 04/99

**dates shown do not reflect potential design changes from the MSD System-Wide Model effort currently underway, nor the Capacity Assurance Plan. Impact of these components on design is unknown at present.*

Total Estimated Cost Remaining: \$15,100,000.

Project Information for:
SSOs 570 & 1017
Madeira Group

--Euclid & Maple Aves. intersection (570)
--7907 Euclid Ave. (1017)

Description and Location:

The proposed projects Camargo Road Sewer Replacement – Phase 1C (CIP 2000-17) and SSO 570 & 1017 Elimination Sewer (CIP 2001-22) begin at Camargo Road, 1500 feet SW of Miami Avenue and terminates at SSO 1017 at the intersection of Euclid Avenue and Thomas Street. Another portion of the project begins at the intersection of Miami Road and Laurel Avenue and terminates at SSO 570 at the intersection of Maple Avenue and Euclid Avenue. Approximately 5600 feet of sewer will be installed. The projects are located within the City of Madeira.

The Proposed Camargo Road Sewer projects are being modeled currently under the Madeira Drainage Area Sewer System Model, (CIP 2000-17) and will determine the required capacities to eliminate SSO #s 570 and 1017. Design may be completed prior to model completion due to scheduling, and may need to be modified prior to initiating construction.

The Maple Avenue Sewer project (CIP 97-78) was constructed and has positively affected SSO 570.

Construction Complete Dates*:

<u>SSO</u>	<u>DATE</u>
570	7/31/04
1017	7/31/04

**dates shown do not reflect potential design changes from the MSD System-Wide Model effort currently underway, nor the Capacity Assurance Plan. Impact of these components on design is unknown at present.*

Total Estimated Cost Remaining: \$5,141,000.

Project Information for:
SSOs 679A, 679B & 680
Mariemont Group

--6501 Park Ave. (679A)
--6500 Mariemont Ave. (679B)
--Wooster Pike & Park Ave. intersection (680)

Description and Location:

The proposed Mariemont Outfall Sewer (CIP 92-70) has been under evaluation to address the Highly Active SSOs 679A, 679B and 680. Multiple alignments have been considered. The final alignment will be determined with the design of the project. The project is located within the City of Mariemont. The Proposed Mariemont Outfall Sewer is being modeled currently under the System Wide Model (CIP 99-82), and will determine the required capacities to eliminate SSO 679A, 679B, and 680. Design may be completed prior to model completion due to scheduling, and may need to be modified (as to sizing) prior to initiating construction.

Previous design alignments have not been constructible due to Native American artifacts in the area and constraints to construction within the local community park.

Construction Complete Dates*:

<u>SSO</u>	<u>DATE</u>
679A	7/31/06
679B	7/31/06
680	7/31/06

**dates shown do not reflect potential design changes from the MSD System-Wide Model effort currently underway, nor the Capacity Assurance Plan. Impact of these components on design is unknown at present.*

Total Estimated Cost Remaining: **\$9,000,000.**

Project Information for: **SSO 572**

--406 Elliott Ave.

Description and Location:

The #406 Elliott Sewer (CIP 00-54) includes replacing and upsizing the existing sanitary sewer, approximately 200 feet of sewer is to be constructed, suspended under a bridge along Elliott Avenue. Approval is required by Hamilton County to suspend the sewer from a bridge. The project is located in the City of Arlington Heights.

There are numerous storm inlets connected to the sewer. MSDGC is working with the City of Arlington Heights to remove the inlets from the sanitary sewer.

The area will be monitored and modeled in 2002.

Construction Complete Dates*:

<u>SSO</u>	<u>DATE</u>
572	9/30/02

**dates shown do not reflect potential design changes from the MSD System-Wide Model effort currently underway, nor the Capacity Assurance Plan. Impact of these components on design is unknown at present.*

Total Estimated Cost Remaining: \$50,000.

Project Information for: **SSO 576**

--Swift & Attica intersection

Description and Location:

The Attica/Swift Sewer Replacement (CIP 94-18) includes replacing and upsizing the existing sanitary sewer by pipe bursting from the intersection of Attica Ave and Swift Ave downstream approximately 315 feet to the existing manhole at the railroad. The project is located in the City of Cincinnati.

The poor condition of the existing sewer may be the cause of the SSO.

Construction Complete Dates*:

<u>SSO</u>	<u>DATE</u>
576	9/30/02

**dates shown do not reflect potential design changes from the MSD System-Wide Model effort currently underway, nor the Capacity Assurance Plan. Impact of these components on design is unknown at present.*

Total Estimated Cost Remaining: **\$130,000.**

Project Information for: **SSO 620**

--9094 Eldora Dr.

Description and Location:

The Cooper Creek Sewer Replacement Contract II (CIP 83-08-02) includes replacing and upsizing the existing sanitary sewer #155 from the intersection of Hunt Road and Fuhrman Road and terminates near the intersection of East Galbraith Road and Gwilada Drive. Approximately 10,300 feet of sewer will be constructed. The project is located within the City of Reading, Sycamore Township and the City of Deer Park.

The area has been monitored and modeled.

Construction Complete Dates*:

<u>SSO</u>	<u>DATE</u>
620	7/31/05

**dates shown do not reflect potential design changes from the MSD System-Wide Model effort currently underway, nor the Capacity Assurance Plan. Impact of these components on design is unknown at present.*

Total Estimated Cost Remaining:

\$4,890,000.

Project Information for:
SSO 628

--Pippin Rd., north of Adams Rd.

Description and Location:

The Northbrook Relief Sewer, Phase II (CIP 80-26-02) includes replacing and upsizing the existing sanitary sewer from 600 feet NW of the intersection of Adams Road and Miles Road and terminates 150 feet SE of the cul-de-sac of Elkhorn Drive. Approximately 3600 feet of sewer will be constructed. The project is located within Colerain Township.

Construction Complete Dates*:

<u>SSO</u>	<u>DATE</u>
628	10/31/05

**dates shown do not reflect potential design changes from the MSD System-Wide Model effort currently underway, nor the Capacity Assurance Plan. Impact of these components on design is unknown at present.*

Total Estimated Cost Remaining: **\$1,600,000.**

Project Information for:
SSO 706

--3933 Race Rd.

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June 1998

--4021 Matson Ave.

The Deer Park Relief Sewer (CIP 96-33) is currently under evaluation to determine the most effective design to eliminate the SSO. The project includes the construction of approximately 5000 feet of sewer from near the intersection of East Galbraith Road and Gwilada Drive and terminates at the intersection of Monticello Avenue and Matson Avenue. The project is located within the City of Deer Park. The area has been monitored and modeled.

SSO	DATE
1023	4/30/05

**dates shown do not reflect potential design changes from the MSD System-Wide Model effort currently underway, nor the Capacity Assurance Plan. Impact of these components on design is unknown at present.*

Total Estimated Cost Remaining: \$7,000,000.

Metropolitan Sewer District of Greater Cincinnati

Exhibit 3 – SSO Addition

PROJECTS / SCHEDULES

June 11, 2002

Project Information for:

SSO 1053

--5151 Camargo Road

Description and Location:

The Camargo Road Sewer Improvements, Phase 2, (CIP 96-12-02) includes replacing and upsizing approximately 1,800 feet of the existing 24" sanitary sewer #1396 beginning near the intersection of Plainville Road and Indian Hill Road at CSO #71 to the north along Plainfield Road and Camargo Road to SSO 1053. The project is located within the City of Cincinnati and Columbia Township.

Construction Complete Dates*:

<u>SSO</u>	<u>DATE</u>
1053	5/31/05

**dates shown do not reflect potential design changes from the MSD System-Wide Model effort currently underway, nor the Capacity Assurance Plan. Impact of these components on design is unknown at present.*

Total Estimated Cost Remaining:

\$3,500,000.

SSO 1053 Area Map

