

*Sewer System Evaluation and Rehabilitation Program*

**Capacity Project**

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**Contract Number** 3818

**Name** Upgrade Pump Station 1

**Basin** Carrollton

**Council Districts** A, B

**Status:** Phase 4.

This project is in the Preliminary Design / Land Acquisition phase.

**Resources**

**SSERP Project Engineer** MWH

**Design Engineer** Julien Engineering and Consulting

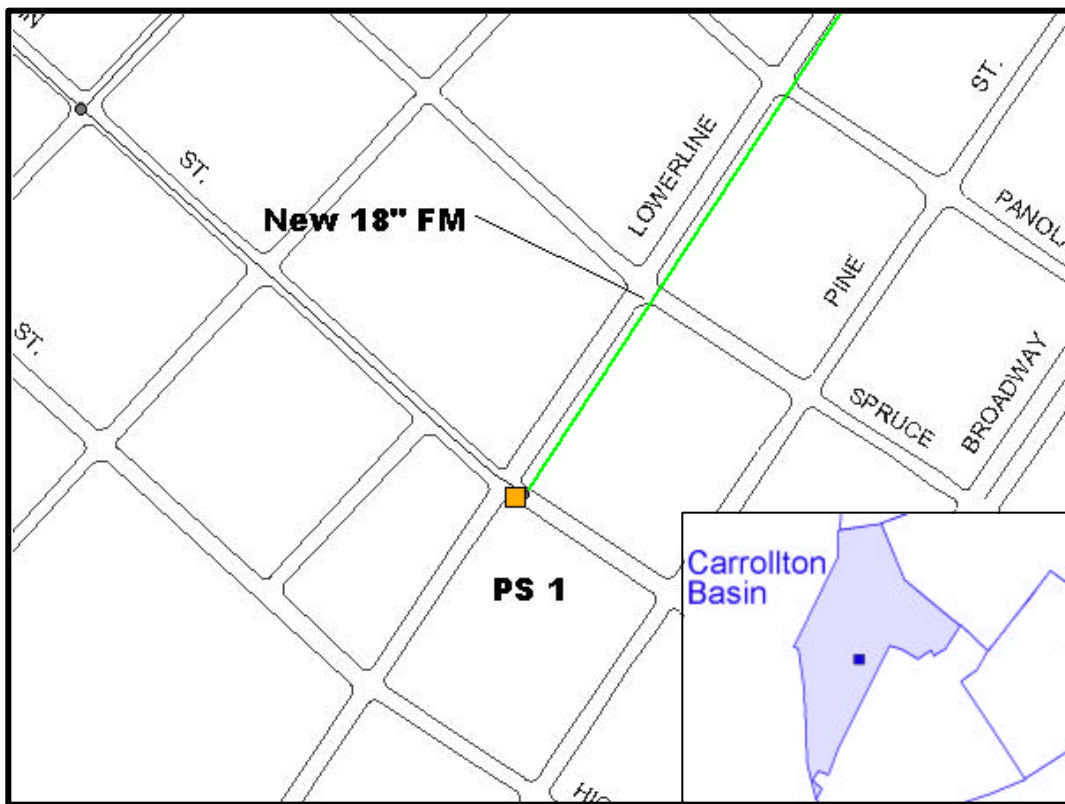
**Contractor**

**Comments**

**Description**

Pump Station 1, in the Carrollton basin, is located at the corner of Lowerline St. and Cohn St., as shown in **Figure 1**. Pump Station 1 currently discharges to gravity and has a capacity of 6,800 gallons per minute at 3.5 feet of head. As part of the new force main network, PS 1 will discharge to a force main and manifold with surrounding stations. The resulting increase in pressure would cause the existing pumps to operate below their designed capacity. Therefore, an upgrade is necessary for the station to perform properly in the new network.

**Figure1  
Project Location**



**Current Capital Cost**      \$2,079,700.

| Description               | Projected Start | Target Start | Projected Finish | Target Finish | %   | Budgeted Cost | 1997 1998 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2018 |  |  |  |  |  |  |  |  |  |  |  |
|---------------------------|-----------------|--------------|------------------|---------------|-----|---------------|---|--|--|--|--|--|--|--|--|--|--|--|
|                           |                 |              |                  |               |     |               | Gantt Chart Area  |  |  |  |  |  |  |  |  |  |  |  |
| <b>3818 Upgrade SPS 1</b> |                 |              |                  |               |     |               |   |  |  |  |  |  |  |  |  |  |  |  |
| Pre-Design                | 17DEC03 A       | 17DEC03      | 29MAR04 A        | 29MAR04       | 100 | 0             |   |  |  |  |  |  |  |  |  |  |  |  |
| Land Acq.                 | 17MAR04 A       | 17MAR04      | 24JAN06          | 06MAY05       | 24  | 115,000       |   |  |  |  |  |  |  |  |  |  |  |  |
| Preliminary Design        | 05APR04 A       | 05APR04      | 29SEP05          | 11OCT05       | 38  | 56,966        |   |  |  |  |  |  |  |  |  |  |  |  |
| Final Design              | 30SEP05         | 12OCT05      | 11JUL06          | 23APR07       | 0   | 120,234       |   |  |  |  |  |  |  |  |  |  |  |  |
| Pre-Advertisement         | 26DEC07         | 16JAN08      | 02APR08          | 08APR08       | 0   | 0             |   |  |  |  |  |  |  |  |  |  |  |  |
| Advertisement             | 09APR08         | 09APR08      | 16MAY08          | 08MAY08       | 0   | 3,945         |   |  |  |  |  |  |  |  |  |  |  |  |
| Award                     | 16MAY08         | 09MAY08      | 03NOV08          | 27OCT08       | 0   | 1,315         |   |  |  |  |  |  |  |  |  |  |  |  |
| Construction              | 03NOV08         | 28OCT08      | 03OCT09          | 27SEP09       | 0   | 1,600,000     |   |  |  |  |  |  |  |  |  |  |  |  |
| Field Testing             | 03NOV08         | 28OCT08      | 02NOV09          | 27OCT09       | 0   | 24,000        |   |  |  |  |  |  |  |  |  |  |  |  |
| ESDC                      | 03NOV08         | 28OCT08      | 02NOV09          | 27OCT09       | 0   | 10,240        |   |  |  |  |  |  |  |  |  |  |  |  |
| Inspection Services       | 03NOV08         | 28OCT08      | 02NOV09          | 27OCT09       | 0   | 128,000       |   |  |  |  |  |  |  |  |  |  |  |  |
| Construction Final        | 04OCT09         | 28SEP09      | 02NOV09          | 27OCT09       | 0   | 0             |   |  |  |  |  |  |  |  |  |  |  |  |
| S&WB Acceptance           | 17FEB10         | 26JAN10      | 17FEB10          | 26JAN10       | 0   | 0             |   |  |  |  |  |  |  |  |  |  |  |  |
| Certification             | 19NOV10         | 29OCT10      | 16FEB11          | 26JAN11       | 0   | 20,000        |   |  |  |  |  |  |  |  |  |  |  |  |

Data date 01MAR05

**Sewerage & Water Board of New Orleans  
Sewer System Evaluation and Rehabilitation Program  
Master Schedule**

- Early bar
- Target bar
- Progress bar