Meadowgreen/Grassland Area
Sanitary Sewer Construction Project
MEADOWGREEN SANITARY SEWER

BID PROCESS

• Advertisement For Bids – April 19, 2009

• Bids Opened – May 19, 2009
  • Twelve Qualified Contractors
  • 11 Bids Submitted
  • 10 Bids Accepted
  • Bids Ranged From $1.16 million to $2.4 million

• Low Bidder is Mid-South Utility Group – Lebanon, Tennessee

• Notice to Proceed – July 1, 2009
• 18-Month Construction Schedule
• Completion Date – December 31, 2010
MEADOWGREEN SANITARY SEWER
TIMELINE

- Farmington – July 2009 through October 2009
- Hillsboro Acres / East Side Berry’s Chapel Road – October 2009 through April 2010
- Meadowgreen – March 2010 through September 2010
- Connections to City of Franklin – September 2010 through December 2010
- Final walkthrough and touch-ups – November 2010 through December 2010

• More Detailed Time Frames Will Be Forthcoming in Door Hanger Communication From the Contractor as He Nears Your Area to Perform Work.
GRINDER PUMP STATION - Grinder pump shall be Model GP 2010 or DH071 semi-positive displacement pump as manufactured by the Environment One Corporation. The package shall include an HDPE tank, grinder pump, check valve, and all required controls.

Electric pump motor shall be 1 HP, 1725 rpm, capacitor start, thermally protected 120/240 volt, 60 Hz, single-phase. Pump operating conditions shall be 15 GPM at 0 feet TDH and 9 GPM at 138 feet TDH (60 psi). Standard inlet connection shall be 4” grommet for DWV pipe. Standard discharge connection shall be stainless steel, 1-1/4” NPT female thread.

The grinder mechanism shall operate without undue noise or vibration within the range of normal operating pressures. A vortex must be created which will prevent deposits from forming in the tank. Maximum flow rate through the grinder shall be 4 fps. RPM of the mechanism shall not exceed 1800. Plastic, wood, rubber and light metal objects must be ground into a slurry which will not clog the grinder unit, the pump or the piping system.

A mechanical seal shall be provided to prevent leakage between the motor and pump.
MEADOWGREEN SANITARY SEWER
SPECIFIED GRINDER PUMP

TYPICAL GRINDER PUMP INSTALLATION
MEADOWGREEN AREA SANITARY SEWER PROJECT COST ELEMENTS

POST-BID ESTIMATES 6/30/2009

All Homeowners Responsible To Participate In This Portion

Paid To Williamson County
• Current Trunk Line Project Repaid By Area Homeowners
• Total Estimated Project Cost = $2.154 Million
• Re-Payment Method – Each Homeowner Chooses Either:

1. Estimated One-Time Up-Front Cost of $4,775.00

   OR

2. Financed Over 20 Years @ 4.2% Net Rate = Approximately $29.44 per month

NOTE: These amounts are estimates. Final costs will not be known until the completion of the construction project in December 2010.

OPTIONAL
If Homeowner Elects To Connect To Sanitary Sewer

Paid To Private Plumber Contracted By Homeowner
1. Homeowner Contracts With Plumber To Install Grinder Pump And House Plumbing Modifications, If Needed, At An Estimated Cost Of $7,500.00 – $9,000.00 *(Price Will Vary Depending On Plumbing Modifications).*

   AND

Paid to City of Franklin
2. Homeowner Pays Connection And Inspection Fee To City of Franklin = $4,282.00

   AND

Paid to City of Franklin
3. Homeowner Pays Monthly Sewer Service Bill In An Amount Based On Household Water Use.
   • 7,000 Gallons Per Month = Approximately $41.03 Per Month For Sewer Service
   • 10,000 Gallons Per Month = Approximately $57.44 Per Month For Sewer Service