

# City of Sanford Department of Water & Sewer Utilities Sewer Infrastructure Rehabilitation Project



*A component of the Lake Monroe Watershed Protection Program*

## Project Update – October 2010



A sign informs the public that Federal "Stimulus" funds are being used for the project.



Crews use steam to activate the liner resin thus creating a new "pipe within a pipe."

Pipe lining work was suspended for the Summer but resumed in September, 2010 with cleaning and televising existing sewers in the Hidden Lakes Subdivision. One pipe segment remains to be lined in the Carrige Cove Subdivision before work is complete there and then crews will begin lining pipe in the Hidden Lakes area. The project schedule in the table below provides an overall timeline of project activities.

The photos here provide highlights of project activities including how residents are notified of work, pipe lining and manhole surveying.



Lined sewers are televised to ensure a job is done correctly.



A robot cutter is used to remove a lining "coupon" to restore sewer service to every customer. It is guided using a closed circuit television (CCTV).

Sewer Infrastructure Rehabilitation Completion Schedule		
Subdivision	Pipe Lining	Manhole Surveying
Wynnewood	Completed	Completed
Sunland	Completed	Completed
Sanora	Completed	Completed
Park Ridge	Completed	Completed
Woodmere (Paver Homes)	Completed	Completed
Carrige Cove	Fall 2010	Completed
Country Club Manor	Completed	Completed
Part of Hidden Lakes	December, 2010	December, 2010



All sewer manholes are surveyed during the project so that the City of Sanford can create a hydraulic model of the