

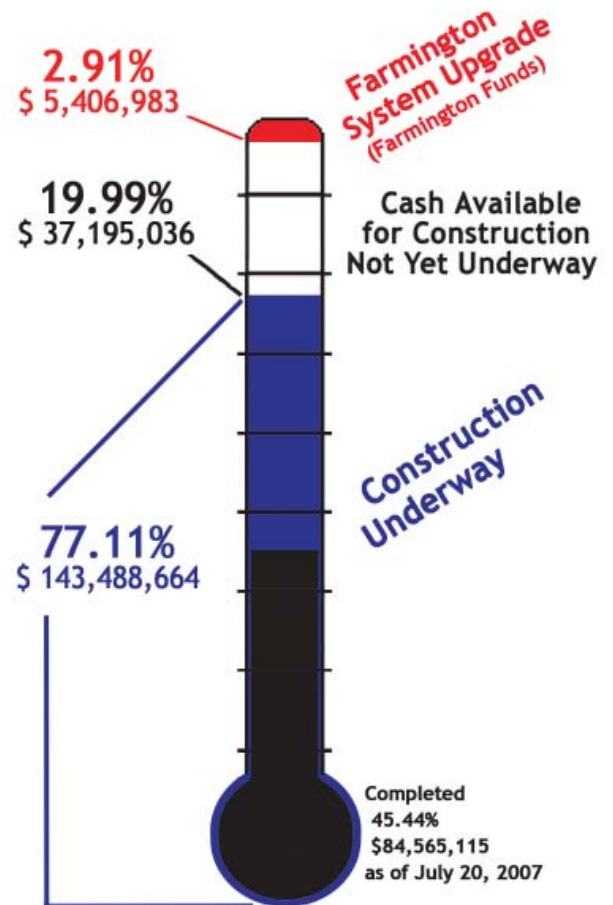
Waste Water System Improvement Project (WSIP)

The Wastewater System Improvement Project (WSIP) is a system wide project that significantly increases the capacity of the City's wastewater system. This project addresses capacity short-falls in the wastewater collection and treatment systems; the design is expected to treat the wastewater for 115,000 people.

This project will increase the City's wastewater treatment capacity from 12.6 to 21.4 million gallons per day, and will reduce the number of sewer system overflows due to rain entering the system. It also improves odor control facilities system wide. The west side wastewater treatment plant will start treating wastewater in mid 2008.

Major construction elements of the project include:

- (1) Constructing a new West Side Wastewater Treatment Plant (\$64.3 million including water lines, wetlands construction, and other work adjacent to the site).
- (2) Constructing 21.6 miles of new or replacement sewer transmission pipes and 2 pump stations in the north and west areas of the City to carry the wastewater to the new West Side WWTP (\$39.5 million).
- (3) Upgrading the existing Noland WWTP on the east side of town (\$17.3 million).
- (4) Constructing 9.3 miles of new or replacement sewer transmission pipes and replacing, modifying, or upgrading six pump stations in the south and east areas of the City to better carry the wastewater to the Noland WWTP (\$24.0 million).
- (5) The project also involves work including constructing 25.5 acres of wetlands, over one mile of roadway, ½ mile of water pipe, engineering design and construction inspection for all aspects of the project, easements for the pipelines, and all of the associated permitting and coordination with the Corps of Engineers, Arkansas Department of Equality, the Arkansas Natural Resources Commission, the Beaver Water District, various Oklahoma agencies, and others (\$33.49 million).
- (6) A lift station and approximately four miles of associated pipe line work to service Farmington and the Fayetteville area immediately east of Farmington (Approx. \$5.4 million provided by Farmington and \$2.1 million provided by Fayetteville).



The project is funded through a combination of a \$42 million sales tax bond issue approved in September 2006, a \$125 million sales tax bond issue approved in November 2001, system revenues, developer impact fees, and the sale of land at the West Side WWTP site.

City of Fayetteville ~ Major Capital Improvements

Progress Report as of August 17, 2007

Waste Water System Improvement Project (WSIP)

- 1 **Hamestring Sewer Lift Station (WL-6)**
 - Construct a 36 mgd capacity sewer pump station
 - \$6,133,546 cost
 - Construction 79% complete
 - Estimated completion December, 2007
 - Brasfield & Gorrie Contractors
- 2 **48" Gravity Sewer Line - Gregg to Hamestring (WL-4)**
 - Construct 24,751' of 48" gravity sewer pipe line and 3,876' of 30" sewer pressure pipe line
 - \$10,441,319 cost
 - Construction 73% complete
 - Estimated completion October, 2007
 - Oscar Renda Contractors
- 3 **Force Mains - Hamestring to West Plant (WL-5)**
 - Construct 21,740' of 24 and 30" sewer force pipe lines
 - \$4,752,287 cost
 - Construction complete
 - Garney Construction
- 4 **Broyles Road Water Line (WP-1a)**
 - Construct 3,100' of 12" water Line
 - Cost included with West Side Waste Water Treatment Plant #5
 - Construction complete
 - Brasfield & Gorrie Contractors**Broyles Road (WP-1b)**
 - Construct 5,900' of two lane asphalt road
 - \$3,737,966 cost
 - Construction began June, 2007
 - Estimated completion August, 2008
 - Dean Crowder Construction
- 5 **West Side Waste Water Treatment Plant (WP-3)**
 - Construct a new 10 million gallon per day (mgd) (average daily flow) wastewater treatment plant
 - \$59,994,710 cost
 - Construction 63.6% complete
 - Estimated completion May 31, 2008
 - Brasfield & Gorrie Contractors
- 6 **Wetlands Mitigation (WP-2b)**
 - Construct and plant 25.5 acres of wetlands
 - \$145,200 cost
 - Construction underway
 - Estimated completion October, 2008
 - Green Scaping Contractor
- 7 **Owl Creek Lift Station & Force Main (WL-8)**
 - Upgrade the existing sewer pump station and install 11,600' of (estimated) 15" sewer pressure pipe line
 - \$1,200,000 estimated cost - not yet bid
 - Tentative bid date February, 2008
 - Estimated completion October, 2008
- 8 **Porter Road to Hamestring Sewer Line (WL-3)**
 - Construct 14,100' of 21-24" gravity sewer pipe line
 - \$7,186,957 cost
 - Construction substantially complete
 - Oscar Renda Contractors
- 9 **North Street to Poplar to Van Asche Sewer Line (WL-2)**
 - Construct 13,900' - mostly 24-33" gravity sewer pipe line
 - \$4,413,664 cost
 - Construction 81% complete
 - Estimated completion November, 2007
 - T-G Excavating Contractor
- 10 **Gregg Ave Sewer Lift Station (WL-7)**
 - Construct a 19 mgd capacity sewer pump station
 - \$1,527,000 cost
 - Construction began July, 2007
 - Estimated completion April, 2008
 - Crossland Heavy Contractors, Inc.
- 11 **Old Wire Road to Gregg Ave Sewer Line (WL-1)**
 - Construct 15,770' of 21-36" gravity sewer pipe line
 - Cost included with Porter to Hamestring - #8
 - Construction substantially complete
 - Oscar Renda Contractors
- 12 **Noland (East Side) Waste Water Treatment Plant Renovation**

Phase I (EP-2)

 - Upgrade odor control, solids handling, headworks at the Noland wastewater treatment plant
 - \$14,818,644 cost
 - Construction substantially complete
 - Archer Western Contractors

Phase II (EP-1)

 - Increase wet weather capacity
 - \$1,327,794 cost
 - Construction began July, 2007
 - Estimated completion December, 2007
 - Wilson Brothers Contractors

Phase III (EP-3)

 - Remove effluent pumping station, upgrade aeration basin
 - \$1,100,000 estimated cost - not yet bid
 - Tentative bid date February, 2008
 - Estimated completion February, 2009
- 13 **Mally Wagnon Sewer Lift Station & Force Main (EL-1)**
 - Upgrade sewer pump stations, install 4,968' of 16" sewer force pipe line
 - \$1,393,880 cost
 - City Council consideration September 4, 2007
 - Estimated completion October, 2008
 - Garney Construction
- 14 **Happy Hollow to Noland Waste Water Treatment Plant Sewer Line (EL-2)**
 - Construct 26,458' of 42" gravity sewer pipe line
 - \$10,431,995 cost
 - City Council consideration September 4, 2007
 - Estimated completion October, 2008
 - Rosetta Construction
- 15 **Razorback Rd to Happy Hollow Sewer Line (EL-3)**
 - Construct 13,489' of 21-30" gravity sewer pipe line
 - \$6,015,000 estimated cost - not yet bid
 - Tentative bid date February, 2008
 - Estimated completion May, 2009
- 16 **South Mountain to Industrial Park Sewer Line (EL-5)**
 - Construct 4,084' of 10" gravity sewer pipe line
 - \$572,000 estimated cost - not yet bid
 - Tentative bid date February, 2008
 - Estimated completion May, 2009

Notes:

- All completion dates are for substantial completion, that being the date on which the constructed work can be placed in service.
- Percentage completion is based on dollars earned as of the most recent pay request.

For additional information visit: www.accessfayetteville.org

City of Fayetteville ~ Major Capital Improvements

Progress Report as of August 17, 2007

Other Major Capital Improvements (*non-WSIP*)

- 17 **Hwy 62 West Water Line**
- Relocating water line along Hwy 62 due to widening from North Hunter to County Rd 647
 - \$1,180,177 cost
 - Construction complete
- 18 **Sanitary Sewer Rehab**
- Construct 13,067' of 8-15" gravity sewer pipe line at various locations city-wide
 - \$2,266,606 cost
 - Construction 98% complete
 - Estimated completion August, 2007
 - T-G Excavating, Contractor
- 19 **North College Water Line Replacement - Maple Street to North Street**
- Replacing old water lines along College Avenue from Maple Street to North Street
 - \$1,377,141 cost
 - Construction substantially complete
- 20 **24" Water Line Improvements**
- Replacing water lines along Custer Lane and Morningside Drive
 - \$908,710 cost
 - Crossland Heavy Contractors
 - Construction 75% complete
- 21 **Razorback Road Water Line Relocation**
- Relocating the water line along Razorback Road due to widening from 6th Street to 15th Street
 - \$722,891 cost
 - Construction complete
- 22 **Hwy 16 Water Line Relocation - Ruppel Road to Double Springs Road**
- Relocating water line along Hwy 16 due to widening from Ruppel Road to Double Springs Road
 - \$1,591,426 cost
 - Construction complete
- 23 **Mount Sequoyah Water & Sewer**
- Construct approximately 6,900' of water line and 600' of sewer line in the Mount Sequoyah area
 - \$1,400,000 estimated cost
 - Final design underway by Garver Engineers
 - Tentative bid date October, 2007
 - Estimated completion April, 2008
- 25 **36" Water Line Improvements (*not shown on map*)**
- Install pressure sustaining valves to maintain positive pressure in water transmission mains
 - Install remote valve activators to isolate sections of the water transmission mains in case of line failure
 - \$1,185,000 cost
 - Alpha Utilities, Inc. Contractor
 - Construction 50% complete
 - Estimated completion November, 2007
- West Fayetteville - Farmington WSIP Subprojects*
- 26 **Farmington Gravity Sewer Line (WL-10)**
- Construct 14,322' of 12-24" gravity sewer line
 - \$ 2,553,618 estimated cost- not yet bid
 - Final design is underway by RJN
 - Tentative bid date September, 2007
 - Estimated completion October, 2008
- 27 **Farmington Force Main (WL-11)**
- Construct 9,112 of 18" pressure sewer force main
 - \$ 1,627,858 estimated cost- not yet bid
 - Final design is underway by RJN
 - Tentative bid date September, 2007
 - Estimated completion October, 2008
- 28 **Farmington Lift Station (WL-12)**
- Construct a 3.0 mgd capacity sewer pump station
 - \$ 1,405,455 estimated cost- not yet bid
 - Final design is underway by RJN
 - Tentative bid date September, 2007
 - Estimated completion October, 2008
- 29 **Farmington Sanitary Sewer Rehab**
- Unit 1**
- Construct 3,655' of 6" & 8" sewer and 66 point repairs city-wide
 - \$822,222 cost
 - Awarded by City Council June 5, 2007
 - Estimated completion November, 2007
 - T-G Excavating, Contractors
- Unit 2**
- Lining of 5,668' of 6" & 8" pipe by cured-in-place-pipe lining
 - \$178,835 cost
 - Awarded by City Council June 5, 2007
 - Estimated completion November, 2007
 - Insituform, Inc., Contractor

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Major Water & Wastewater Improvements Underway

City of Fayetteville, Arkansas

- █ Ongoing Projects
- █ Construction Completed
- █ Current Construction Areas

