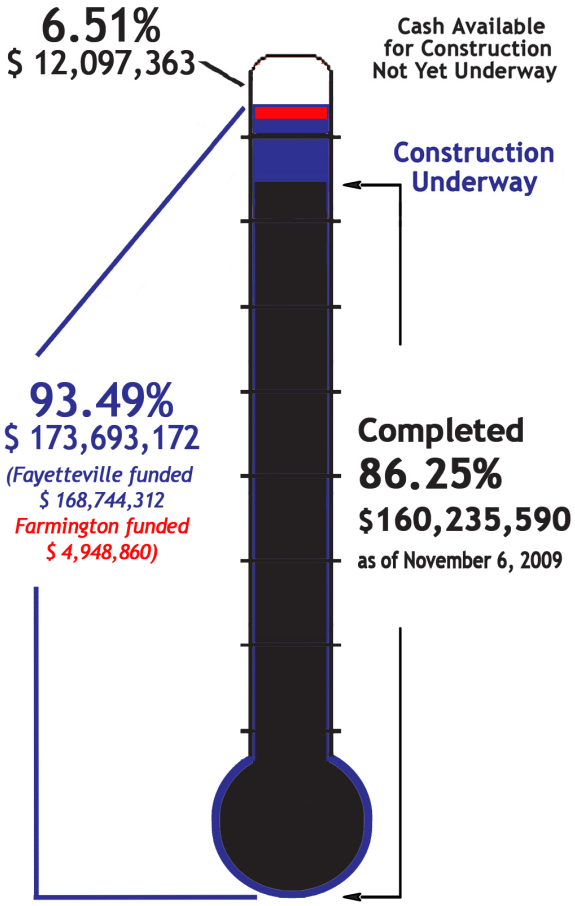
Wastewater System Improvement Project (WSIP)

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 shortfalls 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 21.2 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 started treating wastewater on May 29, 2008.

Major construction elements of the project include:

(1) Constructing a new West Side Wastewater Treatment Plant ($62.7 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 ($39.9 million).
(3) Upgrading the existing Noland WWTP and a biosolids processing facility on the east side of town ($25.0 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 ($18.2 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 contingency calculated ($32.9 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. $5.0 million provided by Farmington and $2.0 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.

For additional information visit: **www.accessfayetteville.org**

City of Fayetteville ~ Major Capital Improvements

Progress Report as of November 6, 2009

Wastewater System Improvement Project (WSIP)

1 Hamestring Sewer Lift Station (WL-6)
- Construct a 36 mgd capacity sewer pump station
- $7,082,133 cost
- **Construction complete**
- 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
- $10,970,165 cost
- **Construction complete**
- 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 Wastewater Treatment Plant #5
- **Construction complete**
- Brasfield & Gorrie Contractors

Broyles Road (WP-1b)
- Construct 5,900' of two lane asphalt road
- $3,695,085 cost
- **Construction complete**
- Dean Crowder Construction

5 West Side Wastewater Treatment Plant (WP-3)
- Construct a new 10 million gallon per day (mgd) (average daily flow) wastewater treatment plant
- $61,068,511 cost
- **Construction complete**
- Brasfield & Gorrie Contractors

6 Wetlands Mitigation (WP-2b)
- Construct and plant 25.5 acres of wetlands
- **Construction complete**

7 Owl Creek Basin Lift Station & Force Main (WL-8)
- Upgrade the existing sewer pump station and install 11,600' of (estimated) 15" sewer pressure pipe line
- Scope of work under review

8 Porter Road to Hamestring Sewer Line (WL-3)
- Construct 14,100' of 21-24" gravity sewer pipe line
- $7,186,957 cost
- **Construction 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
- $4,433,820 cost
- **Construction complete**
- 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 complete**
- 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 complete**
- Oscar Renda Contractors

12 Noland (East Side) Wastewater Treatment Plant Renovation

Phase I (EP-2)
- Upgrade odor control, solids handling, headworks
- $14,836,631 cost
- **Construction complete**
- Archer Western Contractors

Phase I (EP-4)
- Upgrade Effluent Aeration
- $66,460 cost
- **Construction complete**
- BlueinGreen Contractors

Phase II (EP-1)
- Increase wet weather capacity
- $1,319,486 cost
- **Construction complete**
- Wilson Brothers Contractors

Phase III (EP-3)
- Remove effluent pump, upgrade aeration basin
- $2,532,065 cost
- Construction substantially complete
- Crossland Heavy Contractors, Inc.

13 Mally Wagnon Sewer Lift Station & Force Main (EL-1)
- Replace sewer pump station, install 4,000' of 16" sewer force pipe line
- $1,398,358 cost
- **Construction complete**
- Garney Construction

14 Happy Hollow to Noland Wastewater Treatment Plant Sewer Line (EL-2)
- Construct 26,458' of 42" gravity sewer pipe line
- $10,677,024 cost
- **Construction complete**
- Rosetta Construction

15 & 16 (combined projects)

Razorback Rd to Happy Hollow Sewer Line (EL-3)
- Construct 13,489' of 21-30" gravity sewer pipe line

South Mountain to Industrial Park Sewer Line (EL-5)
- Construct 4,084' of 10" gravity sewer pipe line
- $5,432,135 cost
- Construction 82.71% complete
- Estimated completion January, 2010
- SJ Louis Construction

31 Lift Station Upgrade (EL-4)
- Upgrade Sewer Lift Stations 13, 14, & 16
- $441,032 cost
- **Construction complete**
- OMI executed work

33 West Side Collection System Tieover to New Lines (WL-9) ***(not shown on map)***
- $1,611,574 cost
- Construction 98.76% complete
- Estimated completion December, 2009
- Goodwin & Goodwin, Inc.

For additional information visit:

www.accessfayetteville.org

City of Fayetteville ~ Major Capital Improvements

Progress Report as of November 6, 2009

Other Major Capital Improvements *(non-WSIP)*

17 Hwy 62 West Water Line
- **Construction complete**

18 Sanitary Sewer Rehab
- **Construction complete**

19 North College Water Line - Maple to North
- **Construction complete**

20 24" Water Line Improvements
- **Construction complete**

21 Razorback Road Water Line Relocation
- **Construction complete**

22 Hwy 16 Water Line Relocate - Rupple to Double Springs
- **Construction complete**

23 Mount Sequoyah Water & Sewer
- Construct approximately 6,900' of water line and 600' of sewer line in the Mount Sequoyah area
- $997,629 cost
- LaRue Contractor
- Construction 53.58% complete
- Estimated completion December, 2009

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
- Construction substantially complete
- Alpha Utilities, Inc. Contractor

30 Manhole Rehabilitation *(not shown on map)*
- Repair approximately 800 manholes
- $1,442,233 final cost
- **Construction complete**
- Kim Construction

32 2008 Sanitary Sewer Evaluation Study
- Evaluate 400 manholes and 175,000 linear feet of sanitary sewer mains
- $395,109 cost
- **Work complete**
- RJN Group, Inc.

33 Township Street 36" Water Main
- Construct approximately 4,500' of 36" water line from Old Wire Rd to Hwy 265
- $1,757,232 cost
- Construction began October 16, 2009
- Estimated completion January, 2010
- Seven Valley's Construction Co.

34 Township Water/Sewer Relocations
- Construct approximately 2,675' of water & sewer line for street widening from Gregg to College
- Construction underway

35 Biosolids Management Facility - Phase 1
- Construct 6 greenhouse type solar driers
- $5,000,000 estimated cost
- Design is underway
- Estimated bid date December 2009

Biosolids Management Facility - Phase 2
- Construct thermal drier for biosolids
- $2,250,000 estimated cost
- Design is underway
- Estimated bid date June 2010

West Fayetteville - Farmington WSIP Subprojects

26 Farmington Gravity Sewer Line (WL-10)
Contract 1
- Construct 2,000' of 21" gravity line
- $ 335,967 cost
- **Construction complete**
- Redford Construction

Contract 2 (WL-10a)
- Construct 12,322' of 12-24" gravity sewer line
- $1,674,231 cost
- Work 51.16% complete
- Estimated completion November, 2009
- Garney Construction

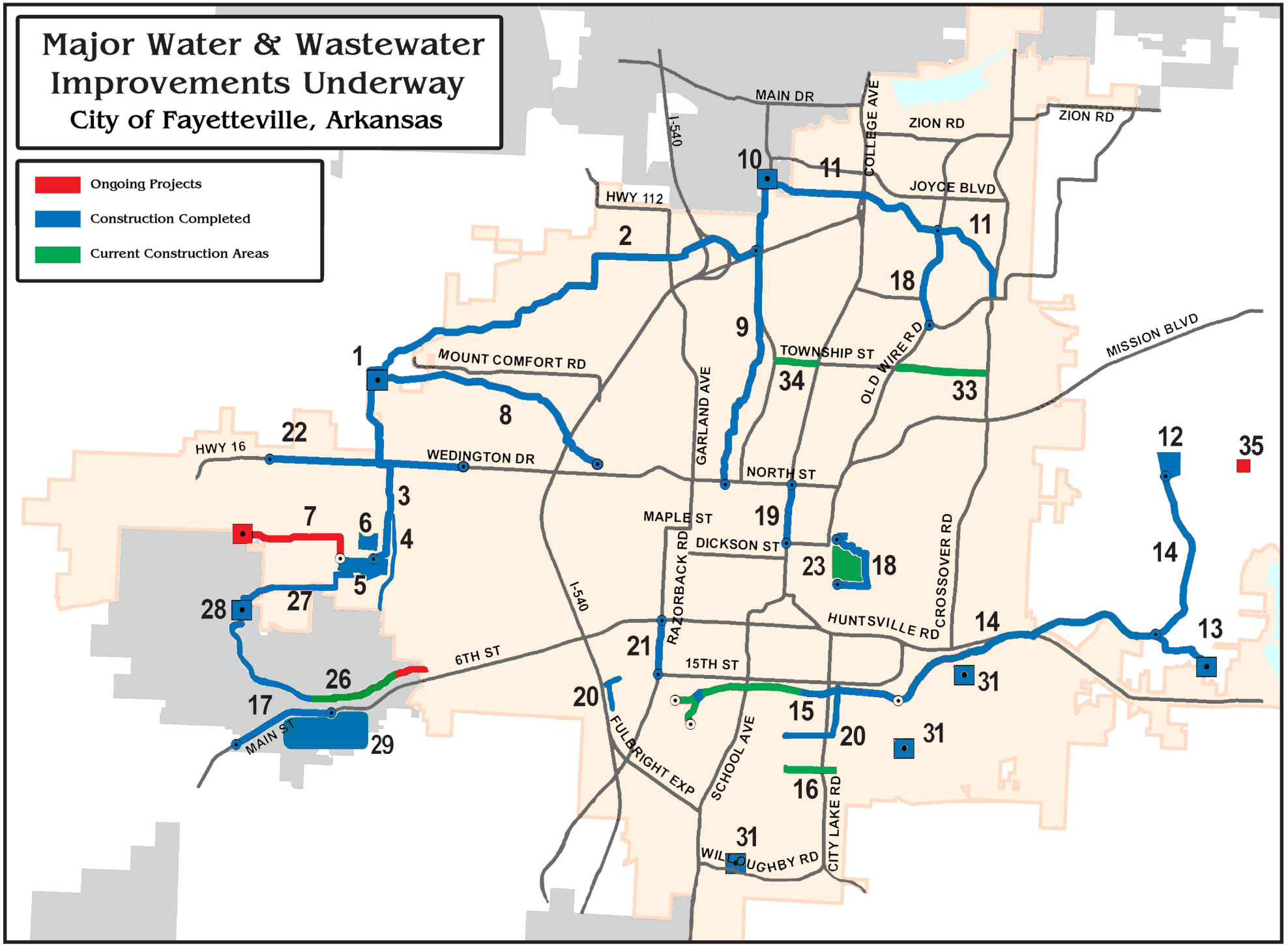
27 Farmington Force Main (WL-11)
- Construct 10,500' of 16" sewer force main
- $1,376,586 cost
- **Construction complete**
- Garney Construction

28 Farmington Lift Station (WL-12)
- Construct a 3.0 mgd capacity sewer pump station
- $1,845,653 cost
- **Construction complete**
- JL Bryson, Inc, Contractor

29 Farmington Sanitary Sewer Rehab
Unit 1
- Construct 3,655' of sewer and 66 point repairs
- $782,507 cost
- **Construction complete**
- T-G Excavating, Contractors

Unit 2
- Lining of 5,668' of 6" & 8" sewer pipe
- $175,885 cost
- **Construction complete**
- Insituform, Inc., Contractor

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.*


Major Water & Wastewater Improvements Underway
City of Fayetteville, Arkansas
Ongoing Projects
Construction Completed
Current Construction Areas
MAIN DR
ZION RD
ZION RD
COLLEGE AVE
I-540
JOYCE BLVD
HWY 112
MOUNT COMFORT RD
TOWNSHIP ST
OLD WIRE RD
MISSION BLVD
GARLAND AVE
HWY 16
WEDINGTON DR
NORTH ST
MAPLE ST
DICKSON ST
RAZORBACK RD
CROSSOVER RD
I-540
HUNTSVILLE RD
6TH ST
15TH ST
MAIN ST
FULBRIGHT EXP
SCHOOL AVE
CITY LAKE RD
WILLOUGHBY RD
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