



# CAPITAL IMPROVEMENT PROGRAM 2013 – 2014 Biennial Projects

---

## PROJECTS COMPLETED

### **Aquifer Storage and Recovery (ASR) Test Production Well**

*Consultant:* Golder Associates, Inc.  
*Inspection:* Consultant and City  
*Contractor:* Boart Longyear Company  
*Final Cost:* \$513,009  
*Project:* Contractor completed the construction and pump testing of a test well that will be used to evaluate the feasibility of storing water utilizing aquifer storage and recovery. Assuming Ecology accepts feasibility analysis, this well would be used to inject potable water for storage and later extraction.  
*Status:* Project accepted January 2013.

### **Arrowhead and Jefferson Lift Station – Sewer**

*Design:* CH2M Hill  
*Contractor:* Accelerated Construction & Excavating  
*Construction Cost:* Awarded for \$405,359.58  
*Project:* This station provides service to a large commercial and residential area. This lift station has a continuous history of problems due to aging equipment and system modifications that have changed the system pumping curve. This project will resolve these issues and provide a facility that will meet current standards for sewage lift stations. Construction of the new lift station will need to be completed without impacting the operation of the existing station.  
*Status:* The new station was put into operation in May 2013 and demolition progressed on the old station. Substantial completion obtained in June 2013. Project accepted by Council September 2013.

### **Energy Savings Projects**

*Design:* City staff took over the project in 2011 from the energy services contractor.  
*Inspection:* City  
*HVAC Contractor:* Apollo completed the HVAC portion of the project through its contract/maintenance agreement with the City - \$119,000.  
*Streetlight Contractors:* Phase 1 – Potelco; Contract \$460,630 - complete  
Phase 2 - Sierra Electric; Contract \$1,426,543 – streetlight installation is complete.  
Phase 3 - City to furnish the lights, Benton PUD to install as a part of the ownership exchange; \$220,000 for street light purchase – complete.  
*Solar Dish Contractor:* Infinia - canceled  
*Facilities Lighting Contractor:* Contract was awarded to Sierra Electric, \$253,000 - complete.  
*Project:* Improve energy efficiencies on public facilities to reduce on-going energy costs. Project includes replacement of older HVAC units on City buildings; replacement of HPS street lights with induction street lights; and upgrading older lighting in City facilities with newer, energy efficient lighting.  
*Status:* The project phases are complete.



## CAPITAL IMPROVEMENT PROGRAM 2013 – 2014 Biennial Projects

---

### **Ridgeline Drive – Southridge to SR-395; Southridge Blvd – Hildebrand to KID Canal north of Ridgeline: Hildebrand – Southridge to US395 (south side); Ridgeline Drive – Southridge to 36<sup>th</sup> Avenue and Plaza Way North of Ridgeline (LRF project)**

*Design:* HDR Engineering and Mackay Sposito  
*Inspection:* City  
*Contractor:* Inland Asphalt  
*Construction Cost:* Awarded for \$2,920,000 (LRF project)  
*Project:* Project includes construction of the roadway, curb/gutter, storm drainage facilities and roundabouts at Ridgeline and Plaza Way and at Ridgeline and Southridge, signals at the Southridge/Hildebrand and Plaza Way/Hildebrand intersections.  
*Status:* Roadway construction is complete. Final project acceptance was granted in May 2013.

### **Steptoe Phase 2 – BNSF Bridge**

*Consultant:* HDR Engineering  
*Inspection:* BNSF & City  
*Contractor:* Apollo, Inc. & BNSF  
*Final Cost:* \$1,777,815 for BNSF Bridge crews, flaggers and coordinators plus \$171,008 for City contractor to install BNSF furnished materials. Project is funded through a \$2,185,000 Federal grant.  
*Project:* Construct a railroad bridge for Steptoe Street (phase 2) going underneath (separate project).  
*Status:* BNSF completed construction of the mainline bridge and Apollo has completed the second bridge in February 2013. Ribbon cutting ceremony was conducted in April 2013.

### **Zone 5 Water Transmission Main**

*Design:* Mackay Sposito & City  
*Inspection:* City  
*Contractor:* Big D's Construction  
*Final Cost:* \$257,691  
*Project:* This project will extend a Zone 5 transmission main up Sherman Street to serve the Zone 5 elevations on Thompson Hill. This section will also provide service to the UGA area once remaining sections of the transmission main and a new zone 5 booster station is constructed on Thompson Hill.  
*Status:* Project was awarded on March 5, 2013. Construction completed August 2013.

## **PROJECTS UNDER CONSTRUCTION**

### **2013 Miscellaneous Sewer**

*Design:* City



## CAPITAL IMPROVEMENT PROGRAM 2013 – 2014 Biennial Projects

---

*Inspection:* City  
*Contractor:* POW Construction  
*Construction Cost:* Contract award amount \$623,973  
*Project:* Project will replace the higher priority, undersized, failing and high maintenance sewer mains identified on the City's sewer capital improvements priority list.  
*Status:* Contract was awarded June 5, 2013. Construction is in progress and is scheduled to be completed December 2013.

### **2013 Pavement Preservation (Non-Federal System Streets) - City Funded**

*Design:* City  
*Inspection:* City  
*Contractor:* Columbia Asphalt & Gravel  
*Construction Cost:* Contract award amount \$523,192  
*Project:* The project will chip seal City collectors that are not functionally classified.  
*Status:* The project is substantially complete with the pavement markings nearing completion.

### **2013 Pavement Preservation - Federal Funded**

*Design:* City  
*Inspection:* City  
*Contractor:* Central Washington Asphalt  
*Construction Cost:* Contract award amount \$1,395,401  
*Project:* The project will chip seal City collectors and arterials that are functionally classified. The project was awarded a \$941,624 Regional STP grant.  
*Status:* Project received federal funding obligation in July 3, 2013. Construction is in progress with pavement markings still needing to be done.

### **2013 Water Line Renewals and Replacements**

*Design:* City Staff  
*Inspection:* City Staff  
*Contractor:* Premier Excavation  
*Construction Cost:* Awarded for \$689,519  
*Project:* For miscellaneous water line improvements identified in the Water Comprehensive Plan as being needed to improve fire flows, water quality, water pressures, system capacity for growth and reduce water loss through aging and leaking pipes.  
*Status:* Construction is in progress. Water main installation is nearing completion; water service installation and meter reconnects is in progress; asphalt restoration pending.

### **45<sup>th</sup> Avenue east of Ely Street**

*Design:* City staff  
*Inspection:* City  
*Contractor:* Premier Excavation  
*Construction Cost:* Contract award amount \$148,139



## CAPITAL IMPROVEMENT PROGRAM 2013 – 2014 Biennial Projects

---

*Project:* Project will reconstruct portions of the existing roadway to eliminate vertical curve deficiencies and replacement of a waterline.  
*Status:* The project was awarded at the September 17<sup>th</sup> Council meeting.

### **Aquifer Storage and Recovery (ASR) Observation Well**

*Consultant:* Golder Associates, Inc.  
*Inspection:* Consultant and City  
*Contractor:* Schneider Equipment Water Services  
*Contract Cost:* Contract award amount \$205,543  
*Project:* The contract will provide an observation well that will be used to monitor the impacts to the aquifer that will be used to store water. The well will allow water levels in the aquifer to be monitored and will also allow water samples to be removed for laboratory analysis. This information will be used to determine the impacts associated with the storage of water in the basalt aquifer under the Southridge area.  
*Status:* The contract was awarded February 19, 2013. Drilling of the well is in progress. The first well had to be abandoned and sealed due to unstable ground in the hole which prevented further drilling. A change order was issued and a second hole is being drilled with casing. The project is scheduled to be completed October 2013.

### **Aquifer Storage and Recovery (ASR) Facility**

*Consultant:* Golder Associates, Inc. and HDR Engineering  
*Inspection:* Consultant and City  
*Contractor:* Tapani, Inc.  
*Contract Cost:* \$1,553,739 (\$950,000 WADOE grant)  
*Project:* This project will construct a well facility that will be used to evaluate the feasibility of storing water underground during the winter, using the Quad-Cities Water Rights, for later withdrawal during peak water demand periods when the Quad-Cities Water Right would otherwise require mitigation. When completed, the ASR is projected to provide upwards of 100 million gallons of storage capacity; which is equivalent to 100 reservoirs similar to the recently constructed reservoir above the Canyon Lakes area and at less than 1/50th of the cost.  
*Status:* Construction of the well facility is in progress. The next phase of the project will complete several water storage and recover test cycles that will be evaluated to determine the total volume of water that will ultimately be stored at the facility.

### **Clearwater Avenue Safety Project – Leslie to US395**

*Design:* City Staff & Consultant (Transpo Group & Mackay Sposito)  
*Project:* Access management analysis and study, stakeholder involvement, right-of-way acquisition, design, and construction. Various improvements could include driveway consolidation or relocation, added turn lanes, pedestrian crossings and other safety enhancements. Project awarded a \$2,120,000 Federal Safety grant.



## CAPITAL IMPROVEMENT PROGRAM 2013 – 2014 Biennial Projects

---

*Status:* The Consultant has walked the project, set up a project website and a tracking system for Q&A from the Public. The first open house was held on August 7<sup>th</sup>; the second is scheduled for October 16<sup>th</sup>.

### **Elliot Lake Area Sanitary Sewer LID**

*Design:* City

*Inspection:* City

*Contractor:* Premier Excavation

*Construction Cost:* Awarded for \$322,260.

*Project:* The project will extend sewer services to approximately 70 residences in the subdivision west of Elliot Lake

*Status:* Construction was completed in late September 2013. Final punch list items are being completed.

### **Olympia Street – SR 397 to 27<sup>th</sup> Avenue**

*Design:* City

*Inspection:* City

*Contractor:* Apollo, Inc.

*Construction Cost:* Contract award amount \$4,314,535

*Project:* Widening of the street for one through lane in each direction, center turn lane, bike lanes, curb, gutter, storm drainage facilities, street lighting, landscaping and a roundabout at the intersection of 45<sup>th</sup> Avenue.

*Status:* The Contract was awarded at the August 20<sup>th</sup> Council meeting with construction starting in October. The project is being funded through a combination of TIB and Regional STP grants (the City received additional Regional STP grant funds in the amount of \$800,000 in March 2013) and City funds.

### **Miscellaneous Traffic Signals**

*Design:* City

*Construction:* City and various equipment suppliers

*Estimate Cost:* \$417,000

*Project:* Upgrades to existing traffic signals to correct on-going operation/maintenance problems. Includes upgrade to communication system using the ESTeem wireless radios (IS is working with ESTeem to deal with some issues that are slowing the process), new traffic signal controllers (22 of 26 complete), video detection upgrades (14 out of 18 locations complete), replacement of existing pedestrian signals to comply with recent changes in the MUTCD (approximately 2/3rds complete).

*Status:* In progress with completion anticipated in winter 2013.

### **Steptoe Phase 2 - Roadway**

*Design:* HDR Engineering

*Inspection:* City

*Contractor:* Apollo, Inc.

*Construction Cost:* Awarded for \$2,406,634



## CAPITAL IMPROVEMENT PROGRAM 2013 – 2014 Biennial Projects

---

*Project:* Provide a 5-lane roadway, with additional turn lanes and a traffic signal at Clearwater Avenue. Roadway would go under the existing BNSF railroad tracks. A State TIB grant and a federal STP grant provide the bulk of the funding.

*Status:* Substantially complete – change order work in progress for traffic signal at Center Parkway (Richland) and minor fencing and hydroseeding. The ribbon cutting ceremony was held April 25<sup>th</sup>.

### **Zone 4 Reservoir –Water**

*Design:* RH2

*Inspection:* City & Consultant

*Contractor:* Rotschy, Inc.

*Construction Cost:* Contract award amount \$4,668,245

*Project:* Project will construct a three million gallon reservoir and booster station on Thompson Hill southwest of Panoramic Heights. This reservoir is required to support development in the Southridge and UGA area.

*Status:* The project was awarded on 8/20/13, and the preconstruction meeting was held on 9/23/13.

## **PROJECTS IN DESIGN**

### **2014 Miscellaneous Water**

*Design:* City

*Project:* Project will replace the higher priority, undersized, failing and high maintenance water mains identified on the City's water capital improvements priority list.

*Status:* Design is in progress. Temporary construction permits have been secured from a majority of the homeowners directly affected by the project. The construction portion is scheduled for a Spring 2014 project.

### **Citywide Safety Improvements**

*Design:* City Staff & Consultant (Kittleson & Associates)

*Project:* City wide signal coordination and timing improvements. Completion of countdown pedestrian signal retrofits, and backside school beacons. Project awarded a \$350,000 Federal Safety grant.

*Status:* Consultant selection process is complete – scope of work and cost are in negotiation.

### **Columbia Center Boulevard Safety Improvements**

*Design:* City

*Project:* Project will improve vehicular and pedestrian access, reduce congestion and improve traffic safety in the area between Quinault Avenue and Canal Drive. Project will also provide mid-block pedestrian access to the mall at the hotel road access on Quinault Avenue. Project awarded a \$730,000 Federal Safety grant.



## CAPITAL IMPROVEMENT PROGRAM 2013 – 2014 Biennial Projects

---

*Status:* Design and federal submittals are in progress. The project is scheduled currently out to bid (late September).

### **Dayton Street Bridge Replacement**

*Design:* City survey and approach design – Nicholls Engineering bridge design  
*Project:* Replacement of the 47 year old bridge over the CID canal. Currently the bridge has a load restriction. Project funded with grant (60%) and City funds (40%). Road will be closed for several months while bridge is being constructed. This will impact existing traffic/pedestrian movements.

*Status:* The State required a cultural resources survey (Section 106), which delayed environmental approval and finalizing design. The survey has been completed and approved by DAHP. Design is complete and the design issues with CID have been resolved. Construction has been rescheduled for summer of 2014. Project will be bid in early 2014.

### **Edison Street Widening - Clearwater to Canal Drive**

*Design:* City  
*Project:* Widening the roadway to include a center left-turn lane. The majority of reported crashes along the stretch of street are the results of vehicles turning left from Edison Street onto side streets or driveways. Project is being funded 60% with a TIB grant.

*Status:* Right-of-way negotiations are in progress. Coordination with Benton PUD and roadway design are in progress. Design and right-of-way acquisition scheduled to be completed early 2014; with construction starting later in 2014.

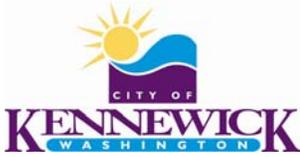
### **Grandridge Blvd./Young Street Roundabout**

*Design:* City  
*Project:* Construction of a new roundabout with public art in the central island.  
*Status:* Design is complete. The City obtained right-of-way through donations from adjacent development. City received a Regional STP grant for \$380,000 towards the construction of the roundabout. Federal submittals and PSE review are in progress. Construction is scheduled for spring of 2014. Staff met with the Tri-City Business and Visitor Center staff, along with the hotel developer to review plans for the area access. The artwork was reviewed by Council and the artist is schedule to begin fabrication in October.

### **Beech Street Sewer Interceptor**

*Design:* City Staff  
*Project:* This project is for the design and construction of the last section of interceptor bottleneck in our Beech St. sewer mainline between E. Kennewick Ave. and E. 10<sup>th</sup> Ave. The existing inceptor is undersized, creating a surcharge in the system upstream of E. 10<sup>th</sup> Ave. The project is scheduled for the 2013/14 biennium.  
*Status:* Design is in progress.

### **Wastewater Treatment Plant Upgrade – Diffused Air Design**



## CAPITAL IMPROVEMENT PROGRAM 2013 – 2014 Biennial Projects

---

*Design:* JUB Engineers  
*Project:* Complete a study of the plant operations in preparation for design of a diffused air system, grit removal, bio-solids management program and UV disinfection upgrades to manage growth in the system. Diffused air works more efficiently in a bottom up process and breaks down influent more effectively, which improves treatment and reduces storage requirements. The current method of treatment is surface aeration, which requires high power usage and is not effective at full depth treatment. Design is scheduled for late 2014 for budgeting and construction in 2015 and beyond.  
*Status:* Project design was awarded by Council on 9/3/13.

### **Hildebrand Blvd/Steptoe Phase 3 – West 4<sup>th</sup> Avenue to Sherman Street**

*Design:* HDR Engineering/Mackay Spósito  
*Project:* The project will complete the design for Hildebrand/Steptoe Street Phase 3 and right-of-way acquisition. The City has received a Transportation Improvement Board Grant in the amount of \$3,129,000 for construction.  
*Status:* Design is at approximately 60%. The City has received a right-of-way donation from one of three property owners along Hildebrand between Sherman and the city limits; other right-of-way acquisition is in progress. Stakeholder involvement is in progress; to-date three public meetings have been held. Conceptual ideas for roadway realignments (Clodfelter and 10<sup>th</sup> Avenue) have been worked out with land owners and the County. The Kennewick School District also is looking at future plans in the area in coordination with these improvements.

### **Gum Street Sidewalk Project**

*Design:* City  
*Project:* The project will construct sidewalk on the east side of Gum Street between SR397 and E. 10<sup>th</sup> Avenue. The project is 60 % funded through a Transportation Improvement Board grant.  
*Status:* Design is in progress.

### **Low Impact Development (LID) Demonstration Project**

*Design:* City  
*Project:* The project will provide expanded parking near the Lampson Pits in Columbia Park using low impact storm drainage techniques currently under development in Eastern Washington.  
*Status:* Topography complete; starting environmental paperwork for permitting.

### **Playground Replacement @ Columbia Center Estates Park**

*Design:* City  
*Project:* The project will remove the existing playground structure which is out of compliance with current Consumer Product Safety Standards and replace with a new playground that meets current regulations and is ADA compliant.  
*Status:* Design is complete.



## CAPITAL IMPROVEMENT PROGRAM 2013 – 2014 Biennial Projects

---

### **Ridgeline Drive - East of SR 395 (LRF project)**

*Design:* HDR Engineering  
*Project:* Project includes construction of the roadway, curb/ gutter, storm drainage facilities and a roundabout at Ridgeline and Zintel Way  
*Status:* Design is complete. Project advertisement is pending completion of a developer cost share agreement.

### **Zone 4 Water Transmission Main Extension**

*Design:* Mackay Sposito & City  
*Project:* The project will extend a main from the existing Zone 3 Reservoir in Panoramic Heights to the Zone 4 Reservoir currently under design and scheduled for construction in Mid-2013. The City is currently working with adjacent land owners and the Kennewick Irrigation District to acquire access and utility easements.  
*Status:* Design of main is 90% complete. Consultant and staff are working with developer to obtain easement for the water main.

### **Wellhead Area Retrofit Project**

*Design:* City  
*Project:* The project will retrofit the existing catch basins in the Wellhead Protection Area 1-year time of travel zone with oil/water separation to protect groundwater.  
*Status:* Design is in progress – project advertisement in Summer 2014.

### **Zone 6 Booster Station – Thompson Hill**

*Design:* JUB Engineers  
*Project:* Complete design of a booster station that will provide water service to the Zone 6 water service area on Thompson Hill. The design work is currently under contract with JUB Engineers. Capital funds have been allocated for construction in 2013. Project will be subject to a Latecomers Agreement.  
*Status:* Design is at 100% review and expected to advertise for bids in mid October 2013 pending Council approval of the Latecomers Agreement.

### **Water Treatment Plant – Membrane Filtration Improvements**

*Design:* City Staff  
*Project:* This project is for the replacement of existing filtration membranes and adding more filtration membranes to the system for treatment capacity. The work is planned for late fall 2013 after the plant has shut down for winter. The staff has met with Siemens and is awaiting the new membrane technology to be certified for use in Washington State.  
*Status:* The membranes were recently approved for use in California, which has stricter regulatory requirements than Washington, so it is expected that Washington will follow suit shortly. Revised cost proposals received recently have been



## **CAPITAL IMPROVEMENT PROGRAM 2013 – 2014 Biennial Projects**

---

closer to expectations. Once approval is received, ordering of the membranes is expected.



## CAPITAL IMPROVEMENT PROGRAM 2013 – 2014 Biennial Projects

---

### **Sewer Comprehensive Plan Update**

*Design:* City Staff & Consultant  
*Project:* Update the sewer comprehensive plan, last updated in 2006. With the growth of the Southridge area and the expansion of the UGA area, the plan needs to be updated in order to properly assess and budget for infrastructure needs. Staff will be completing flow monitoring activities in 2013 and a consultant will develop an updated plan for budgeting needs in 2015/16 biennium.  
*Status:* Consultant selection is complete (JUB Engineers); Council approved consultant agreement in May 2013, staff & JUB has begun data gathering.

### **PROJECTS IN DESIGN QUEUE**

#### **2013 Audible Pedestrian Pushbuttons for Traffic Signals (ADA)**

*Design:* City  
*Project:* The project will retrofit seven intersections with the latest audible pedestrian pushbutton equipment for ADA accessibility for blind pedestrians.  
*Status:* Coordinating the locations for the pushbuttons together with the 2013 ADA Ramp project. Pushbuttons on order but running a little behind in delivery so they will not be installed until a few weeks after the new posts are in place

#### **2013 ADA Ramps**

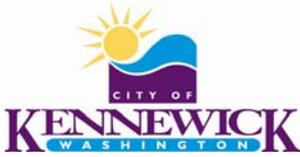
*Design:* City  
*Project:* The project will reconstruct existing pedestrian access ramps to bring them into compliance with the Americans with Disabilities Act (ADA).  
*Status:* Under development.

#### **Automated Meter Reading (AMR)**

*Design:* City Staff & Consultant  
*Project:* Replace or reconfigure 22,000 + water meters and install infrastructure to provide automated meter reading capabilities. The project will provide a cost benefit by eliminating the need to send staff and equipment into the field to read meters, improve customer service response and improve revenue with increased accuracy of the meter read. Meter inventory to be completed in 2013 and implementation is anticipated for late 2014.  
*Status:* Under development. Staff has begun inventory process for system, alternative funding source are under consideration following the defunding of the Public Works Trust Fund Program.

#### **UGA Access– Hildebrand Blvd to Interstate 82**

*Design:* City Staff & Consultant (yet to be selected)  
*Project:* This project will construct a new roadway in support of development in the Southridge Area and the UGA expansion area. Construction will include a grade separated overcrossing of I-82, raised center median and the center two lanes,



## CAPITAL IMPROVEMENT PROGRAM 2013 – 2014 Biennial Projects

---

storm drainage, water, sewer and street lighting. We are pursuing all available funding sources.

*Status:* Stakeholder involvement is underway in conjunction with the Hildebrand Corridor project. Tour provided to members of State Legislature about project and Mayor spoke at Senate Transportation Committee Forum held in September about project funding.

### **Christensen Road – Ridgeline Drive to Interstate 82**

*Design:* City Staff & Consultant (yet to be selected)

*Project:* This project will reconstruct the existing roadway in support of development in the Southridge Area and the UGA expansion area. Construction will include a center median and the center two lanes, storm drainage, water, sewer and street lighting. The project was contingent on the Legislature passing the Public Works Construction funding package.

*Status:* Stakeholder involvement is underway in conjunction with the Hildebrand Corridor project. Legislature reallocated PWTF program revenues to Education. Project deferred until funding source can be obtained.

### **Civic Center Ballfield Restroom Replacement**

*Design:* City

*Project:* The project will replace the existing restroom facility located at the K-Field Complex with an updated ADA compliant restroom facility.

*Status:* Project scope is being developed.

### **Metaline Avenue – Kellogg Street to Edison Street (design and right-of-way)**

*Design:* City Staff

*Project:* The project will provide for the design and right-of-way acquisition for a future reconstruction of the roadway. Design will include three lanes, sidewalk, storm drainage, water, sewer and street lighting. The project design and right-of-way acquisition have received a \$395,000 federal grant.

*Status:* Project scope being finalized. Federal submittals are in progress.

### **Miscellaneous Stormwater**

*Design:* City

*Project:* Citywide, the project will correct the higher priority storm drainage problem areas identified on the City's stormwater improvements priority list. This money was primarily reserved for Miscellaneous Drywell Repairs.

*Status:* Project needed to be deferred to balance the Stormwater Utility budget.

### **Ridgeline Drive – Clodfelter Road to Southridge Blvd.**

*Design:* City Staff & Consultant (yet to be selected)

*Project:* This project will construct a new roadway in support of development in the Southridge Area and the UGA expansion area. Construction will include a raised center median and the center two lanes, storm drainage, water, sewer and



## CAPITAL IMPROVEMENT PROGRAM 2013 – 2014 Biennial Projects

---

street lighting. The project was contingent on the Legislature passing the Public Works Construction funding package.

*Status:* Stakeholder involvement is underway in conjunction with the Hildebrand Corridor project. Legislature reallocated PWTF program revenues to Education. Project deferred until funding source can be obtained.

### **Sidewalk Replacement**

*Design:* City

*Project:* The project will replace damaged sections of sidewalk deemed City responsibility and install select missing link sections of sidewalk as funding allows.

*Status:* Under development

### **Street Lighting - Miscellaneous Locations**

*Design:* City

*Project:* The project will correct underground fault problems for existing streetlights and provide missing street lights at select arterial intersections as identified on the City Street Lighting, capital improvements priority list.

*Status:* Once the streetlight replacement project is complete, staff will have a complete picture of the scope of the remaining needed repairs. Concurrent with the Phase 1 and Phase 2 of ARRA replacement projects, the contractor is fixing known underground faults and other problems on a priority basis with arterials and collectors first.

### **Urban Growth Area (UGA) Expansion Infrastructure Improvements**

*Design:* City

*Project:* This project will develop roadway and utility corridors in support of development in the UGA Industrial expansion area. An Ecology loan has been secured for a Stormwater Management Plan and purchase of property for an area stormwater facility. Street project is contingent on the Legislature passing a funding package.

*Status:* Under development. Preliminary discussions with the property owner have taken place on acquiring utility easements. Project is dependent on annexation of UGA area and private funding participation. The project was awarded a \$1,000,000 State direct appropriation, and a \$500,000 low interest loan through Ecology for comprehensive storm water planning and site acquisition.

### **Westside Street Waste Facility and Storm Water Retention**

*Design:* City

*Project:* This project will develop a street waste treatment facility in west Kennewick similar to the facility on Ely Street, and construct a regional storm water retention facility(ies).

*Status:* Under development. The project was awarded a \$1,780,000 through Ecology.



## CAPITAL IMPROVEMENT PROGRAM 2013 – 2014 Biennial Projects

---

### **Zone 2 Transmission Line**

*Design:* City Staff

*Project:* Upsize the Zone 2 transmission main from W. 4<sup>th</sup> Avenue at US-395 south to W. 7<sup>th</sup> Ave. along W. 7<sup>th</sup> Ave. to S. Edison St. and tie-in at W. 10<sup>th</sup> Ave. The project is for approximately 11,000 linear feet of 24-inch pipe as called out in the 2010 Water System Plan. This project will eliminate the flow and pressure restrictions in the supply system that supplies water reservoirs serving the Southridge and UGA areas.

*Status:* Under development