



MILESTONE EVENTS

06-09, SCADA System	City Council accepted construction contract on Jan. 17th.
09-22, Phase 2 Water Meters	City Council to accept construction contract on Feb. 7th.
12-04, 2011/12 ADA Improvements	City council approval of design and bid authorization is scheduled for Feb. 7th.

ADMINISTRATION

Project: Engineering Standards
Phase: Admin **PM:** Karoly
Description: Preparing an update to the Engineering Standards to add changes resulting from Caltrans updated Standard Specifications and other misc. changes.
Status:

- Addendum #3 issued on Dec. 3, 2011.

DETAILED PROJECT LISTING

Project: 97-24, Interstate 5 & County Road 102 Interchange Improvement
Phase: Completed **PM:** Ayon
Description: This project consists of the construction of a southbound I-5 on-ramp, modifications to the existing on-ramps and off-ramps, widening CR 102 from two to four lanes between the NB ramp terminal and the SB ramp terminal, and widening CR 102 to six lanes from the SB ramp terminal to Maxwell Avenue.
Status:

- Contractor started work during August 2010 and construction **substantially completed during** December 2011. **Staff and construction management consultant are compiling punch list of corrective items.**

Project: 98-01, Matmor and E. Gum Traffic Signal
Phase: Design **PM:** Camacho
Description: Install a new traffic signal at the intersection of E. Gum and Matmor. The project is a CEQA requirement of the Parkside development project. Project will install turn pockets and make any needed ADA improvements
Status:

- Traffic Engineering staff's recommendation of the parking restriction was presented to the Traffic Safety Commission on May 2 and was unanimously approved 3-0.
- Designing traffic signal using approved recommendation of the parking restriction.

Project: 00-04, Lemen, North and East Streets Realignment**Phase:** Design **PM:** Ayon**Description:** This is a Federal Aid project to realign Lemen Avenue opposite North Street, install a traffic signal, and construct a median on East Street at Court Street to prevent left turns to and from Court Street. Signal interconnects between Main Street and North Street will be included.

- Status:**
- State Funding: Per Caltrans' and FHWA's request, City staff completed utility relocation **documents for Caltrans' review** for all project work that includes City utilities (new FHWA requirement). Once **Caltrans' review process** of the utility relocation **documents** is complete, Caltrans and FHWA will finish processing staff's request for construction funding authorization.
 - Completing design documents and including plan review comments.
 - Undergrounding District: **All utility relocation work is complete.**
 - Staff plans to bid the project in **spring 2012** and start construction in **summer 2012**.
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Project: 00-06, I-5 and Highway 113 Interconnect, Phase 2**Phase:** Design **PM:** Ayon**Description:** This project includes the construction of the freeway to freeway connector from northbound I-5 to southbound SR 113. This project is being designed and managed by Caltrans.

- Status:**
- City is **working with Caltrans to place this project on hold. Funding will be redistributed to other projects.**
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Project: 01-04, Traffic Model Update**Phase:** Pre-Engineering **PM:** B. Meyer**Description:** The project includes an update of the City's Traffic Model to reflect changes due to development, and zoning of new growth areas and the update of the Streets Master Plan to address changes in growth, zoning, and the general plan update.

- Status:**
- Council approval is planned for **2012**.
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**Project: 05-09, Main Street widening (west bound), East to 6th Streets
09-18, East & Main Storm Drain Deficiency Replacement/Repair****Phase:** Completed **PM:** Burnham**Description:** The 05-09 project will widen the north side of Main Street from East Street to Sixth Street by widening to allow two lanes of westbound traffic through the intersection.

The 09-18 project will construct new 18" storm main crossing of RR tracks to replace one of two 6" pipe crossings.

- Status:**
- The City Contractor has completed their contract work. **City and Contractor are resolving change orders.**
 - PG&E installed a new underground conduit across East Street and will be installing new wires later in November. Upon completion of the PGE switch-over to the new wires, the City will remove a conflicting section of PGE conduit that was left in place in the new storm drain pipe.
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Project: 06-09, SCADA System - Water**Phase:** Completed**PM:** Okupe/Heath**Description:** The project includes the installation of the main operations SCADA system at the MSC, a system-wide communications system, and PLCs and controls at the well sites.

- Status:**
- **City Council accepted Auburn Constructors work on January 17, 2012.**
 - Stantec Consulting is developing the **system** programming. Project expected to be fully operational **during** January 2012.
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Project: 06-12, Springlake East Regional Pond**Phase:** Construction**PM:** Cocke**Description:** This project will landscape the center island and western portions of the existing Spring Lake East Regional Pond. Native plants and grasses will be used to minimize future maintenance and create/maintain a natural habitat.

- Status:**
- The Yolo County Resource Conservation District has been growing native plant material for vegetating the site. Planting has begun, the fall rains have germinated the non native plants so that they can be controlled.
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Project: 08-07, Surface Water Project**Phase:** Design**PM:** Baxter**Description:** This project includes a regional water supply project jointly funded with the City of Davis and UCD. It would provide 27 million gallons of water per day, including storage tanks and related water transmission lines to get the high quality water into the City. Existing wells would be used to supplement peak hour and peak day water demands.

- Status:**
- Final Request for Proposal documents for the Design Build Operate contract is expected to be adopted by JPA in January 2012. . Public involvement meetings and outreach is continuing. CEQA documents for amendment of water right permit underway.
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Project: 08-21, Annual Sewer Repair and Replacement**Phase:** Design **PM:** Chavez**Description:** Repair and/or replacement of existing sewer mains and laterals based on priorities as determined during routine maintenance work and video surveys of facilities.

- Status:**
- Investigating sewer trunk mains from Beamer & CR 102 to SS lift station at E. Main Street for purposes of designing rehabilitation.
 - CCTV investigation on existing sewer mains in the Sycamore Ranch/South-East Area part of town **has been completed**. This is the area of town where the “sinkhole” occurred a few months ago. A few cracks, breaks and offsets were found and staff **is working on taking care of** these issues.
 - Issuing RFP to video inspection companies to provide services to investigate and report on existing ‘Orangeburg’ laterals for future replacement.
 - Designing sewer point repairs at various locations around town.
 - Kentucky Ave Trunk Main east of Pioneer: Blackburn Consulting performed soils investigation work and provided a report. Determining location of utility (PGE, ATT, WAVE) facilities and proceeding with design to replace existing 30” concrete pipe.
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Project: 08-28, Modify Well Casings**Phase:** Design **PM:** Baxter**Description:** Work to include modifications to well casings to extend life expectancy and reduce the level of nitrates in the well water. Specific wells to be modified will be determined the year before work is to be done. At this time the most likely of wells to be modified are Wells #5, 10, 11, 13, and 17. Work will also include video inspection, cleaning, doing minor repairs to pump shaft and bearings and minor repairs to casing.

- Status:**
- Video inspections of Wells 17 and 5 are underway. Work is being coordinated with the Surface Water Project..
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Project: 08-33, 1st Ground level Storage Tank**Phase:** CEQA **PM:** Okupe**Description:** This project would include building a new ground level 3 million gallon tank with a booster pump station. Current location is at the west end of the holding pond at the corner of CR 98 and El Dorado. Pipeline work to connect to existing system at El Dorado and Ashley is included.

- Status:**
- Council adopted initial study, pre-design report completed by West Yost, Consultant to proceed to preparation of bid documents.
 - As requested by Council the visual impacts have been reduced by reducing the width of the tank, partially burying the tank deeper and adding more trees for screening. Landscaping will be reviewed by the Parks Commission.
 - **Design underway**
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Project: 08-58, Downtown Beautification**Phase:** Design **PM:** Karoly**Description:** Enhance downtown's role as the government, dining, entertainment, cultural and retail/specialty center of the community. Also preserve, as appropriate, historic architectural features. Project limits are Main Street from East Street to Third Street. Improvements include curb bulb-outs at intersections, traffic signal at 5th and other features in the public right of way as appropriate or affordable. Funded by a SACOG 2010 Community Design Grant.

- Status:**
- Construction funding will not be available until 2013.
 - Frontage improvement ideas from Freeman Park enhancements will be incorporated into project as appropriate.
 - **Preliminary design work delayed due to elimination of Redevelopment funding. Staff is considering other fund sources.**
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Project: 09-15, FloodSAFE Yolo**Phase:** Pre-Design **PM:** Cocke**Description:** This project engages local, regional state and federal agencies in the development of comprehensive strategies to minimize the risk of flooding from Lower Cache Creek while enhancing water supply and the ecosystem in a manner that reflect community values. The FY 2011 focus areas will be on initiating studies in cooperation with the US Army Corps of Engineers, California Department of Water Resources and other regional agencies and outreach that will inform the community of the conceptual solution.

- Status:**
- Due to a lack of federal funding, the state and local agencies are developing agreements to accelerate their studies and pay for the federal sponsor to provide QA/QC of their work so that when federal funding is available the federal portions will proceed in a timely manner. In addition, A meeting was held with John Garamendi, the new House Representative for Woodland, and he was given information that I-5 will flood and become impassable during a 30 year event.
 - **Updated the City Council at the January 17th meeting on City Cost share and funding.**
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Project: 09-21, Series Street Light Replacement, Phase 3**Phase:** Design **PM:** Karoly, Burnham**Description:** Design and construct a replacement lighting system for about 1/3 of the Gibson-College circuit. **CDBG Funding approved for first part of Phase 3 replacement in the Gibson-College circuit.**

- Status:**
- 2011 CDBG plan **approved** by HUD.
 - **Performing lighting analysis of Phase 3.1 and developing construction plans.**
 - **Expect to bid the project during Spring 2012.**
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Project: 09-22, Water Meter Phase 2**Phase: Completed****PM: Heath****Description:** Grant funded project to install water meters on existing unmetered water services throughout the city. Project design was managed by PW; Construction is managed by CDD. Grant is primarily funded by American Reinvestment and Recovery Act (A.R.R.A.) funds.

- Status:**
- Work started on September 28, 2009.
 - The contractor has completed approximately **9,600** meter conversions. Contract work was completed on October 28, 2011.
 - **Scheduled for City Council acceptance on March 20, 2012**
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Project: 09-24, Pioneer Avenue Widening from Gibson Avenue to Farmers Central Road**Phase: Design****PM: Karoly, Heath****Description:** Widen Pioneer Avenue to ultimate width (4 lanes) from Gibson to the future Collector 4 intersection (also High School entrance). Includes installing Traffic Signal at Pioneer/Collector 4, transitioning from full width road section north of Collector 4 to the existing two lanes south of Collector 4, and related sewer and storm drain improvements.

- Status:**
- Project is under design; construction funding **approved**.
 - **Preparing capital project plans and specifications.**
 - **Working with School District to determine traffic management criteria during construction.**
 - **Expect to bid project during March 2012 for June construction start.**
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Project: 09-25, County Road 25A from County Road 101 to State Highway 113**Phase: Design****PM: Fong****Description:** Pavement rehabilitation and widening of County Road 25A between Highway 113 and County Road 101. Final configuration will be a 2-lane roadway.

- Status:**
- Design funding provided by Pulte (Centex) in January 2010.
 - Project is under design
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Project: 09-27, Pioneer Widening from Farmers Central Road to Heritage Parkway**Phase: Construction****PM: Heath****Description:** Construct 2-lanes of future 4-lane roadway, including street lighting, along Pioneer Avenue, south of Farmer's Central Road to Pioneer/Parkland to Parkland/Heritage Parkway, to provide better connectivity within Springlake area.

- Status:**
- Construction started on July 25th. **All work up to first lift of the pavement has been completed. Contractor is currently working on traffic signal and street light installation.**
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Project: 09-31, Storz Pond Maintenance**Phase:** Construction **PM:** Cocke**Description:** This contract with the YCRCDD will provide on-going maintenance of the pond for minimal cost. Maintains Storz Pond to meet City and area-wide drainage needs. Funding is from Storm Drain In-Lieu revenue already collected.**Status:**

- Fall vegetation maintenance will begin after the early fall rains germinate the broadleaf vegetation on the site.

Project: 10-01, Irrigation Rehabilitation Phases 2 and 3**Phase:** Completed (ph 2) **PM:** Burnham (ph 2 & ph 3)
Design (ph 3) Karoly (grant admin)**Description:** This project will upgrade existing irrigation systems to conserve on energy and water use. Proposition 50 Grant funds must be spent by December 2012. Project work includes installing centralized irrigation control, booster pumps, replacing in-ground irrigation systems and turf repair/replacement.**Status:**

- Phase 2 work (2011) **completed and accepted by Council on December 6th**.
- Phase 3 (2012) work will include complete replacement of the irrigation systems at Beamer Park (& Circle), Freeman, Tredway Parks, and Buchignani Field (depending on budget since County owned), and installation of controllers at Everman, Clark Field, Roddy, Traynham, Streg Pond and Woodland Cemetery. This work will be constructed during summer 2012.
 - Reviewed 50% plan submittal and returned comments to Callander Associates.
- Preparing Quarterly (**Oct-Dec 2011**) report and invoice for submittal to State.

Project: 10-07, East Kentucky Rehab (East to Harter)**Phase:** Design **PM:** Karoly**Description:** Project will rehabilitate E. Kentucky from East Street to Harter Avenue; including adding bike lanes to close the bike system gap on Kentucky. The project will reconstruct the pavement, valley gutters and curb. This project is Federal-Aid funded by SACOG in 2012. Local funds are being used for design.**Status:**

- **Preliminary design** work proceeding. Determining location of utilities (PGE gas, ATT, WAVE, City Water) during design process.
- Preparing NEPA and CEQA documentation. **Reviewing draft Ph 1 Environmental Assessment.**
- Scheduled for bidding **Jun-Jul 2012.**

Project: 10-08, Well 28 at Freeman Park**Phase:** Construction**PM:** Olmedo**Description:** The project will construct new water well to replace the existing Well # 1. The new well will be constructed at Freeman Park.

- Status:**
- Phase I: Drilling of new well **completed. Test pumping results yielded a low production rate. Contractor is currently swabbing or re-developing the well in the hopes of getting a higher pumping rate. Completion extended to February 2012.**
 - **Phase 2 Well Equipping: opening bids on January 25th for the above ground building, facilities and well pump/motor.**
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Project: 10-09, Gibson Ranch Landscaping; Spring Lake Ct. & Bourne Dr.**Phase:** Design**PM:** Karoly**Description:** Install landscaping along the south side of Spring Lake Court and at the north end of Bourne Drive. These improvements are the last remaining portions of landscaping in the public right of way to be completed in the Gibson Ranch development.

- Status:**
- Construction will be coordinated with Phase 3 of the Parks Irrigation Rehab (10-01) project. Work will be performed during Summer 2012.
 - Reviewed 50% plan submittal and returned comments to designer.
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Project: 10-11 Treatment Plant Expansion – Biosolids**Phase:** Construction**PM:** Cocke**Description:** This project consists of the disposal of biosolids that have accumulated in the storage ponds at the Water Pollution Control Facility (WPCF). To date, over twenty years of biosolids have been stored in approximately five storage ponds and the Regional Water Control Board requested that the City present a disposal plan during the application process for the waste discharge permit adopted in February 2009. The Regional Board will expect the City to begin the process for biosolids removal from the ponds in accordance with the submitted plan. The disposal plan includes removing one pond from service every other year, dry out the solids and have a disposal company contracted to remove the biosolids for either landfill disposal or farmland application. If the City does not follow through with the biosolids disposal plan by the end of the new NPDES permit cycle, which will be in 2014, then we can anticipate the Regional Board will give the City a biosolids requirement that may prove to be very costly to comply with in the next NPDES permit.

- Status:**
- The North Ponds # 1 through #8 have been cleaned out and the bio-solids have been moved into Pond #9. This portion of the project was accelerated in order to allow the cleaned ponds to be available to the DBO contractor as a borrow area for construction of the new Water Treatment Plant for the woodland Davis Water Supply Project. The total volume of material moved was ~134,000 cubic yards of bio-solids. These bio-solids have been tested to be “Class A” which could facilitate their use as a soil amendment. Pond # 10 of the south pond is also being cleaned out to tests whether it is feasible to dry and haul a pond in a single summer without causing an odor problem offsite. Pond #10 was successfully dried this summer without causing an offsite odor problem. The materials in the pond also tested out as Class A. **Total volume of Bio-solids exported to the landfill was 55 metric tons.**
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Project: 11-14, 36" Water Main – East Street to Pioneer Avenue**Phase:** Design **PM:** Olmedo**Description:** Install a 36 inch water main instead of a 12 inch water main in the Spring Lake area to meet the needs of the surface water project.

- Status:**
- Design and preparation of contract documents underway.
 - Scheduled for bidding in August 2012.
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Project: 11-15, Community Center – Sports Park Frontage Landscaping**Phase:** Design **PM:** Olmedo**Description:** Fronting landscape along the south side of Sports Park Drive as well as the 10' bike path of the Community Center/Sports Park Master Plan.

- Status:**
- Project will be managed concurrently with CIP 11-14, 36" Water Main from East to Pioneer.
 - Requesting design proposal from 36" Water main designer, Cunningham Engineering for landscape design services.
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Project: 11-24, I-5 & CR 102 Interchange Landscaping**Phase:** Pre-Design **PM:** Ayon**Description:** This project is the landscaping phase of the I-5/CR-102 Interchange Improvements Project (#97-24).

- Status:**
- **Staff interviewed and reviewed proposals from 4 short listed firms. Callander Associates has been selected for landscaping design. We are currently negotiating the contract so Callander can begin design.**
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Project: 11-27, Main St and Cleveland Traffic Signal Improvements**Phase:** Pre-Design **PM:** Camacho**Description:** This project will upgrade the existing intersection and traffic signal equipment and will install vehicle detection on Cleveland St, new signal poles, new signal heads, pedestrian audible signals, and pedestrian signal heads. Project will also reconstruct the non-compliant ADA curb ramps at the intersection. This intersection is one of the top 10 accident locations, thus its selection for grant use.

- Status:**
- Base survey has been completed.
 - Authorization to begin design work was received from Caltrans.
 - **Designing traffic signal and ADA curb ramps.**
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Project: 12-02, Oxidation Ditch Retrofit – Phase 1**Phase:** Pre-Design **PM:** Cocke

Description: During the analysis done by Carollo Engineers for the Woodland Davis Regionalization Study, it was learned that the present ditch rotor system was not performing at a level to give the Water Pollution Control Facility (WPCF) its rated capacity for solids (Biological Oxygen Demand) of 8.0 MGD. The several rotor sets are reaching the end of their useful life and are scheduled to be replaced. Instead of replacing the inadequate rotor system, it is proposed that a new solids aeration system be retrofitted into the existing ditches to raise the solids capacity to match the existing hydraulic capacity (10.4 mgd). This project will result in increasing the solids capacity of the WPCF to match the hydraulic capacity of 10.4 mgd. It will also improve "settling characteristics" in the clarifiers and better UV disinfection and save \$100K per year in electric costs when the WPCF is operating at capacity.

Status:

- An RFP was sent to the three city on-call sewer consultants **including** Carollo Engineers for proposals for final design and construction management services. This will help refine budgets for the project and facilitate going out for construction. **Carollo Engineers was selected for design services and Brown and Caldwell was selected for CM and VE services.**

Project: 12-03, WWTP Headworks Concrete Repair**Phase:** Design **PM:** Cocke

Description: The concrete in the top of the screw pump lift station and inlet channel has deteriorated over time from hydrogen sulfide corrosion. This has exposed the concrete aggregate and could expose the structural steel. Develop bid documents for repair, bid project, construction management, repair concrete and bypass pump during repair.

Status:

- The Headwork's concrete repair area and a void in the clarifier bottom will be repaired using a high strength grout. The Headwork's grade beam will also be epoxy coated to reduce the potential for sulfide corrosion in the future. The trash compactor replacement with a JWC unit by staff will also be added to this project.

Project: 12-04, 2011/12 ADA Improvements**Phase:** Pre-Design **PM:** Camacho

Description: Project will construct ADA required improvements such as compliant curb ramps, driveways and sidewalks to improve existing pedestrian paths. The project will continue the W. Beamer St priority path (Ashley to West St.) that was started with the 2010/2011 ADA Improvement Project. It will also continue with the City's ADA curb ramp priority list, which has various locations through out the City.

Status:

- Processing CDBG (HUD) paper work.
- **Council PS&E Approval, Bid Authorization & City Manager Authorization to Execute Contract is scheduled for February 7th.**

Project: 12-05, Surface Water – Local Pipelines, Phase 1**Phase:** Pre-Design **PM:** Baxter**Description:** These pipeline projects are needed as part of the surface water project to improve water quality and offset the declining water quality from the groundwater supplies. The pipeline will be used to convey the surface water to all areas in the City. The pipelines for improvement before surface water project is complete are Farmers Central Pipe from East St to Ashley Ave. Then pipe connections from Farmers Central to the distribution system and a new Mickle Ave pipeline.**Status:**

- Staff received design proposal from Brown and Caldwell, design to commence soon.

Project: 12-06, 2nd Ground Level Storage Tank – Phase 1**Phase:** Pre-Design **PM:** Okupe**Description:** This project will build a new ground level 2 million gallon tank with a booster pump station. The tank will be located in the northeast area of the City to improve water quality in the future. Pipeline improvements work to connect to existing system and regional pipeline from the WTP are included.**Status:**

- **Staff received report from West Yost, Kamilos to submit a proposal for evaluation by 02/01/12.**

Project: 12-07, 2012 Road Maintenance Project**Phase:** Construction **PM:** Burnham**Description:** Project will perform pavement maintenance seals on the area bounded by CR102, SR113, I-5 and Gibson Road**Status:**

- Construction started in September and **was substantially completed during November. Remaining work is awaiting warmer weather during Spring 2012.**

Project: 12-08, Freeman Park – Farmers Market**Phase:** Pre-Design **PM:** Wurzel**Description:** Prepare a plan to provide amenities for the Farmers Market at Freeman Park. Improvements will be coordinated with the Parks Irrigation Rehabilitation Project (CIP 10-01) and the new Water Well 28 (CIP 10-08).**Status:**

- Indigo/Hammond & Playle Architects **prepared** preliminary plans based on staff and citizen input. **Consultant work completed.**
- Council study session **held on** Nov. 29th.
- **No further effort is anticipated until new funding is identified as a result of the RDA dissolution.**

Project: 12-09, Water Meter Ph. 3**Phase:** Design **PM:** Okupe**Description:** Project will install water meters at common-ownership multi-family (MF) complexes and other commercial properties using city only funds.**Status:**

- Preparing designs for MF sites
- Preparing plans and specifications for changeover of condominium type properties (Phase 3). Final quantities and scope of work will be determined after completion of Phase 2 work. Bidding is scheduled for winter **2012**.
- Researching and obtaining needed permissions to enter properties for installation and maintenance of city meters.

Project: 12-10, Water Meter Road Maintenance**Phase:** Design **PM:** Wurzel**Description:** Project will perform pavement maintenance work on roadways with pavements cuts from the Ph 2 Water Meter installation work.**Status:**

- Commencing design work.
