



City of Woodland

REPORT TO MAYOR AND CITY COUNCIL

AGENDA ITEM

TO: THE HONORABLE MAYOR
AND CITY COUNCIL

DATE: April 7, 2009

SUBJECT: Capital Budget Execution Status Report

Report in Brief

The procedures approved with the Capital Budget authorized the City Manager to award design/consultant service contracts and to issue Invitations for Bid for construction contracts within approved scope and budget. A Capital Budget Execution Status Report is attached showing recent actions taken relative to the Capital Budget.

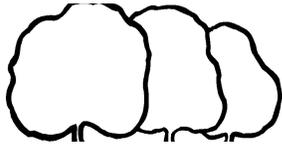
Staff is available to address any questions Council may have.

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Sr. Civil Engineer

Reviewed by: Barry Munowitch, AICP
Assistant City Manager

Mark G. Deven
City Manager

Attachment: Capital Budget Status Report



MILESTONE EVENTS

	Sewer and water construction work is complete.
00-04, Lemen & East Street Utilities	Amended the Undergrounding District to include a portion of Lemen Avenue.
03-28, WWTP Chemical Facilities	Construction underway; completion by April 2009
06-05, Casa del Sol Public RW Improvements	Awarded Construction Contract
07-44, 2008 Road Rehabilitation (Lincoln Ave)	Weather hold - slurry seal work scheduled for spring 2009.
07-18, Park Irrigation Rehab-Camarena/Christensen Parks	Construction underway, completion by March 2009
07-47, Well 22 Replacement	Out to bid; opens March 20 th .
08-32, Well 15 Replacement	
07-49, Water Tank Replacement	Out to bid; opens March 31 st .
08-67, Prop. 1B Road Maintenance	Awarding Construction Contract at April 7th Council Meeting
08-03, Sports Park	Final acceptance of construction on March 17th Council agenda.

DETAILED PROJECT LISTING

Project: 97-24, Interstate 5 & County Road 102 Interchange Improvement

Phase: Design & RW **PM:** Ayon (CDD)

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.

Project: 97-24, Interstate 5 & County Road 102 Interchange Improvement

- Status:**
- Completing design documents, including some redesign to match improvements constructed by Gateway.
 - Completing Right of Way certification request documents, including utility agreements with PG&E for the tower and gas relocations. PG&E requirements delaying project schedule. City **Council** approved the utility agreement for the tower relocation at the March 3rd Council meeting **and the City has obtained landowner signature (Petrovich) on the additional PG&E easement required for the tower relocation.**
 - PG&E determined in November 2008 that the gas main that serves Gateway is in conflict with the tower relocation. The gas main needs to be relocated and the City completed gas relocation forms required by PG&E **in December 2008.** PG&E is currently **finalizing** the gas relocation design, estimate, **and easement requirements.** Once PG&E's gas relocation design, estimate, **and easement requirements** are complete, the City can enter into a utility agreement for the gas relocation, **which will go to Council.** Executed copies of the tower and gas relocation utility agreements and a copy of the executed additional PG&E easement deed(s) must be included in the Right-of-Way certification request to Caltrans.
 - Anticipate bidding the project 2nd quarter 2009.
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Project: 98-01, E. Gum & Matmor Traffic Signal

Phase: Design

PM: Camacho (CDD)

Description: Construct a new traffic signal at the intersection of East Gum Avenue and Matmor Road.

- Status:**
- Developer (Parkside) started design; City will modify the design to allow additional on-street parking after Parkside turns over the plans to the City. This project is on hold until the developer moves forward with their project.
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Project: 00-04, Lemen, North and East Streets Realignment

Phase: Design & RW

PM: Ayon (CDD)

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. Further modifications to North Street, Fifth Street, and Court Street may be identified after the signal is operational. The existing water and sewer lines along Lemen Avenue are in need of rehabilitation and the water line will be realigned to the proposed street.

Project: 00-04, Lemen, North and East Streets Realignment

- Status:**
- Right of Way acquisition: acquired RW from 3 property owners.
 - Railroad Coordination: The City recently asked the railroad to update their prior estimate to synchronize the railroad crossing with the City's traffic signal. California Northern Railroad has a new process for completing this work. The railroad said the City must fill out an application and pay the application and design fees prior to the railroad beginning design and estimating the cost. Once the railroad completes their design and cost estimate, they will take up to three months to put together and execute a railroad agreement with the City. The City will need this railroad agreement executed prior to obtaining Right-of-Way Certification from Caltrans.
 - Completing design documents. In-house signal design is in process.
 - PG&E, ATT & Wave Broadband are finalizing the Undergrounding District design. The Utility Companies plan to begin construction in March/**April** 2009 and complete during Summer 2009. PG&E has budgeted \$300,000 of Rule 20A funds for this project. The City is coordinating with PG&E to maintain lighting on the poles after they underground the utilities until new lights are installed by City's contractor. The City's project will remove and replace the lighting that is currently on the poles during construction of the City's project. Per PG&E's request, the City held a public hearing and extended the underground district boundary to include two more poles along Lemen Avenue, east of East Street, **at the February 17, 2009 Council Meeting.**
 - City sewer and water designed and bid separately from the roadwork; contract awarded September 16, 2008; construction for city water and sewer began October 13, 2008. Construction of the water and sewer is complete.
 - Construction of roadwork is expected to begin Fall 2009 after Utility undergrounding work and railroad coordination is completed.
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Project: 00-06, I-5 and Highway 113 Interconnect, Phase 1**Phase:** Design**PM:** Ayon (CDD)**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:**
- Design is substantially complete. There are a few follow-up items regarding Right of Way coordination.
 - Caltrans is pursuing Right of Way acquisition and utility relocation. Right-of-Way from **five** parcels has been acquired **and** Caltrans is in **condemnation** with **the remaining two** property owners.
 - The City received a utility relocation letter for City utilities in conflict with this project. Caltrans wants City utility relocation plans by March 31, 2009 so Caltrans can have time to acquire any necessary easements for the utility relocations. The City recently hired West Yost Associates to prepare the utility relocation design **and they are currently working to meet Caltrans deadline.**
 - Staff is working with SACOG and others to try to fund the construction component of the project. There is a possibility of receiving project funding from Proposition 1B, federal reauthorization, or the proposed federal economic stimulus plan.
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Project: 00-15, Community and Senior Center, Phase 1**Phase:** n/a**PM:** Mitchell (Ponticello Enterprises)
[Karoly, CDD]

Description: The 40 acre site houses both the community center and senior center, and includes a banquet facility, gymnasium, numerous rooms for meetings, games, classes and crafts, kitchens, open space, and offices for Senior's and PR&CS Recreation Administration staff. The 40-acre site also includes an amphitheatre and parking. A synthetic soccer/softball field was constructed. The storm drain retention pond was placed on the adjacent property to the east, which will become the Springlake specific plan west regional detention pond. Off-site improvements included water and sewer systems extensions, a ped/bike path, traffic signal at East and Road 24A, and a Rule 20A utility undergrounding district.

- Status:**
- Record Drawings are nearly completed, which will be melded with the Phase 2 plans.
 - Geothermal System performance will be re-evaluated to ensure system is functioning as it was intended to.
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Project: 01-01, County Well Acquisition**Phase:** Pre-Engineering**PM:** Baxter (PW)

Description: The City will lease and operate a groundwater well constructed and owned by Yolo County. The well was constructed in 1987 to municipal standards. The City will upgrade the well site to meet current City well site standards. The well is located adjacent to the County's Sheriff's administration building at East Gibson.

- Status:**
- City is continuing negotiations with the County to permanently operate and maintain the County well (at the Jail Facility) as a part of the City water system. Consultant **is evaluating** modifications needed to proceed with the public utilization of the well.
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Project: 01-04, Traffic Model Update**Phase:** Pre-Engineering**PM:** B. Meyer (CDD)

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:**
- The Street Master Plan is scheduled to go to the Planning Commission and Council this spring.
 - **Project de-funded for FY 08/09 at January update to Capital budget.**
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Project: 01-23, Gibson Road Overcrossing**Phase:** Pre-Engineering**PM:** Camacho (CDD)

Description: Construction of a Pedestrian/Bicycle Overcrossing on Gibson Road, connecting the north side of the Gibson Road Ped/Bike overcrossing to Brannigan Avenue. The proposed placement of the Overcrossing is located on the south side of Gibson Road at the property line of the Woodland Community College and Pioneer High School and on the north side, along the back of the proposed new Woodland Elementary School.

Project: 01-23, Gibson Road Overcrossing

- Status:**
- The City has received the preliminary design from Mark Thomas.
 - The preliminary right of way needs have been determined and have been incorporated into the Tentative Map for the Gibson/Ogden development project.
 - Project design is on hold pending further direction.
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Project: 02-45, Cemetery Revitalization

Phase: Construction **PM: Gentry (Parks)**

Description: The City Council adopted a Master Plan or the City Cemetery in September 2002. In that document a series of Capital improvement projects are outlined which will expand the number of grave site, improve the appearance of the grounds and reduce the maintenance effort at the Cemetery. Projects include the abandoning of several roadways within the cemetery and converting these areas to grave sites, a new automatic irrigation system, a new landscape treatment for the "high" lots within the cemetery and the creation of a new columbarium niche garden area.

- Status:**
- Phased sod installation is in progress and construction completion is anticipated in Spring 2009.
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Project: 03-25, Springlake Fire Station

Phase: Design & Land **PM: Mitchell (Ponticello Enterprises)**
[Karoly, CDD]

Description: Acquire property (1 acre), improve site and construct neighborhood station with two bays to protect southeast corner of city. (Spring Lake Specific Plan Area).

- Status:**
- Design was completed; Architect has been asked to provide a proposal to re-design based on new building code and "lessons learned" from Fire Station 1.
 - Land acquisition underway, appraisal renewed and under consideration by City.
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Project: 03-28, WWTP Tertiary Treatment – Chemical Feed

Phase: Construction **PM: Mitchell (Ponticello Enterprises)**
[Karoly, CDD]

Description: Additional items of work included in design: Polymer Feed Facility & Equipment, Filter Pump Electrical Disconnects and Landscaping.

- Status:**
- Construction commenced in October and is on schedule to be completed in late March 2009.
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Project: 04-25, Springlake Backbone Improvements, Package A**Phase: Completed** **PM: Heath (CDD)****Description:** The Spring Lake Specific Plan Capital Improvements Plan (SLSP CIP), approved by City Council June 22, 2004, provides for public financing of backbone infrastructure improvements. These improvements include roadway improvements for arterial and collector streets, off street pathway improvements, greenbelts, water distribution, sewer collection, storm water conveyance, street lighting and landscaping. The project improvements will be constructed by developers and their contractors and acquired by the City.

- Status:**
- Landscaping on County Road 102 from Farmers Central Road to Gibson Road is nearing completion.
 - Currently working to resolve final project billings from the Developer.
 - Anticipate acceptance of project improvements once final billings are done.
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Project: 05-09, Main Street widening (west bound), East to 6th Streets**Phase:** Ready for Construction **PM: Fong (PW)****Description:** This project is construction for widening the north side of Main Street at East Street. This is associated with project 03-24 Wiseman Company Related Frontage Improvements. Installing the left turn pocket required installation of a median island for the railroad crossing arms which narrowed the available lane area in the westbound direction, such that there can only be one through lane. It is necessary to widen the north side of the street to allow two lanes of westbound traffic through the intersection. Project 03-24 was intended to fund design and construction for the project however, due to budget constraints only the design portion of this work was funded.

- Status:**
- Offsite improvement plans, dated 10/8/2008, approved by the City Engineer on 10/15/2008
 - No Project activity.
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Project: 05-13, Springlake Backbone Improvements, Package B-1**Phase:** Construction **PM: Heath (CDD)****Description:** The Spring Lake Specific Plan (SLSP) Capital Improvement Plan (CIP), approved by City Council June 22, 2004, provides for public financing of backbone infrastructure improvements. The second phase (Package B) of these improvements include extension of roads, and utilities identified in the first bond sales initial Facilities Requirement for CFD 2004-1. Included in Package B1 is Heritage Parkway from west terminus to Road 101 and Gibson Road Frontage improvements from Road 102 to Pioneer Avenue.

- Status:**
- Heritage Parkway improvements have been completed.
 - Gibson Road frontage landscaping improvements will be constructed in spring 2009.
 - Resolved developer reimbursements and credits.
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Project: 05-27, Springlake Neighborhood Park N2**Phase:** Design**PM:** Mitchell (Ponticello Enterprises)

[Gentry (Parks), Parks]

Description: Development of a new 8-acre neighborhood park, which will include grading, drainage, play apparatus, turf areas, picnic area, restroom building and acquisition of land.

- Status:**
- Park construction will be phased, so that certain amenities can be built when additional building permit fees are collected.
 - Design is **100%** completed and adjacent streetscape and (KB) greenbelt improvements **were** added to the park documents and bid call is anticipated for **April**.
 - Appraisal has been renewed and land acquisition should be completed soon.
 - **Staff will include the Dog Park as an Add Alternate, in response to citizen concerns.**
 - Land acquisition will proceed in 08/09 and construction in FY 09/10.
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Project: 05-30, Kentucky and CR 98/SR 16 traffic signal**Phase:** Design**PM:** Camacho (CDD)**Description:** This project consists of the construction of a new traffic signal at the intersection of Kentucky Avenue/State Route 16 and County Road 98. The project will also construct operational improvements to the intersection. This is a cooperative project between Woodland, Yolo County and Caltrans.

- Status:**
- Caltrans is designing the signal and preparing the bid documents. **Due to early Right of Way certification** Caltrans has scheduled Bid **Advertisement** for **late April 2009** with project award being scheduled for **June 2009 and Construction for September 2009**.
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Project: 05-34, Water Well 25**Phase:** Design**PM:** Chavez (CDD)**Description:** This project will construct a new municipal groundwater well. The design capacity of the well is anticipated to be a minimum of 1,800 gallons per minute. The well will be located in the storm drain facility at the north-west corner of Gibson Road and Ashley Avenue. Schedule objective is for well to be operational Summer 2009.

- Status:**
- Construction of Test Hole and Monitoring Well completed August 2008.
 - Final water quality results delivered; final decision to use site is being coordinated with other groundwater master planning work.
 - **Evaluation is being made to determine if it would be more cost-effective to utilize the remaining funding for this project to build equivalent pumping capacity at a ground level storage tank.**
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Project: 06-04, Storz Pond Water Quality Improvements**Phase:** Construction **PM: Cocke (PW)****Description:** Modify the storm water detention pond behind Fire Station #3 to provide storm water quality treatment for in-fill development in-lieu of individual on site post construction storm drain water quality treatment facilities.

- Status:**
- The design for modification of the inlet and outlet structures is in review.
 - Seeding and vegetation maintenance will begin after germination rain events.
 - Replanting and vegetation work is underway.
-

Project: 06-05, Casa del Sol MH Public Improvements**Phase: Construction PM: Chavez (CDD)****Description:** Installation of a new bus stop, shelter, and turnout for an existing Bus Route Service (Yolobus-Route 42A) in front of Casa del Sol Mobile Home Park. The project also includes the installation of curbs, gutters, sidewalks, and streetscape improvements. The project is located on the east side of East Street, between East Oak Avenue and Pendegast Street.

- Status:**
- **Bids were opened March 3, 2009. A total of 18 bids were received with the low bidder being C&C Construction with a bid of \$345,907.00. Staff will recommend contract award at the March 17, Council meeting. Construction is expected to begin in early April.**
 - CHOC onsite construction underway.
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Project: 06-07, South Canal (SD) Pumping Plant & Yolo Bypass Outlet**Phase:** Pre-Engineering **PM: Cocke (PW)****Description:** Environmental Documentation/CEQA Permitting and Engineering Design for South Canal Pumping Plant, Outfall Channel Outlet Improvements, and Yolo Bypass Interface Improvements or their alternatives.

- Status:**
- Alternative analysis has been prepared by Wood Rogers and is currently being reviewed along with Spring Lake and system-wide master planning considerations.
 - Further work may be deferred for coordination with a federal (WRDA) project.
 - Continuing to work with Conaway Ranch on R/W issues, report is expected on October 23rd.
 - Conaway is reviewing alternative easement option.
 - **RFQ pre meeting was held and will be sent out in March.**
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Project: 06-09, SCADA for Water System**Phase:** Design **PM: Okupe (PW)****Description:** This project is a continuation of PPSS 94-13 and is specifically for water wells. The project includes installation of the main operations SCADA (Supervisory Control And Data Acquisition) system at the MSC, a system-wide communication system, and PLCs (Programmable Logic Controllers) and controls at the well sites.

Project: 06-09, SCADA for Water System

- Status:
- Consultant submitted draft pre-design report
 - Consultant to submit final pre-design report by 10/30/08
 - **An agreement is being signed with** the City of Windsor regarding the FCC license.
 - SCADA should be operational by **Spring 2010**.
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Project: 06-12, Springlake E. Regional Pond Landscaping

Phase: Bidding **PM:** Karoly (CDD)

Description: This project is a companion project to South Urban Growth Area Regional Storm Drain Facilities- SLSPA Phase 1, Project No. 02-36. Landscaping of the East Region Detention Ponds was deleted by change order from the construction contract with Teichert Construction Company. This new project will construct the landscaping of the East Regional Detention Ponds through a separate construction contract.

- Status:**
- Council approved PSE and authorized bidding on February 19, 2008.
 - Reassigning a city staff person to manage project due to inaction by consultant. Bid dates to be determined after review of project needs.
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Project: 06-14, Annual In-House Road Program Support

Phase: Ongoing **PM:** Wurzel (CDD)

Description: This project has been re-identified as the Road Support Project which will complete preparatory work for the annual road program projects.

- Status:**
- Preparatory work is being completed for future projects.
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Project: 07-18, Woodland Park Irrigation Rehabilitation

Phase: Construction **PM:** Mitchell (Ponticello Enterprises)
[Gentry, Parks]

Description: Project includes upgrading obsolete and inefficient manual sprinkler systems at 7 of the City's older parks, with weather-based irrigation systems, and converting a total of 27 parks to centralized irrigation control. This project is the first phase of a five-phase overall project.

- Status:**
- Sod was placed on both baseball fields (Camarena and Pedroia), **however the wet weather affected staff's ability to finish the infields so opening of baseball season was impacted for a week.** Wet weather has affected sod-placement on remaining park site so that portion of the project has been delayed **but dry conditions should allow completion of project by the end of March.**
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Project: 07-31, Sewer Trunk Rehabilitation**Phase:** Design**PM:** Cocke (PW)

Description: Beamer trunk and other trunk lines has been inspected by the collection system crew and it has been determined that sections of the pipeline are in need of repair. The lengths of the pipeline in question are variable. The segments have structural damages including longitudinal cracks and sags. This project would include an analysis to evaluate the types of repair needed such as in-situ repair or replacement.

- Status:**
- We are currently investigating the 36" and 48" trunk mains between E. Main and the WWTP.
 - We are anticipating bidding this project in early Fall when groundwater will be at a minimum.
 - Evaluation of studies and videoing has been done and the technical Memo is being reviewed.
 - **Endangers Species and SHPO Review is being done to prepare for Stimulus eligibility.**
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Project: 07-32, Sanitary Sewer Management Plan**Phase:** Pre-Engineering**PM:** Gedatus (PW)

Description: New regulation adopted by the State in May 2006 requires all sanitary sewer collection systems to have a sanitary sewer management plan (SSMP). This program replaces PPSS 00-48. The goal of the SSMP is to prevent sanitary sewer overflows by establishing a program to evaluate the current practice in maintaining the sanitary sewer, modify design and construction standards, provide legal authority, and develop capacity assurance plan. The goal of this study is to tie in the existing sewer video program with the Cityworks software.

- Status:**
- Council certified the development plan and schedule September 18, 2007 as required in State Water Resources Control Board's Statewide General Waste Discharge (WDR) Order No.2006-003.
 - SSMP is in final review process, changes and comments are due March 17, 2009.
 - The SSMP is on target to be completed May 2009 and adopted in August 2009.
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Project: 07-33, WPTP Sludge Disposal Study and Implementation Plan**Phase:** Pre-Engineering**PM:** Hierholzer (PW)

Description: This project is to conduct a study to find the best way to remove the sludge in the wastewater ponds. Included in the study would be removal of sludge from one pond to assess the operational accessibility, sludge stability, drying time, odor concerns, and cost. Based on the outcome of the plan, the plan would develop a cost estimate and time schedule to remove sludge from the ponds or develop other methods for sludge removal.

- Status:**
- A biosolids study is under way to determine the best way to economically and environmentally modify the ponds for long term solids disposal.
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Project: 07-34, WPTP Permit Application Renewal (ROWD)**Phase:** Pre-Engineering **PM:** Hierholzer (PW)**Description:** The existing wastewater permit will be expired in march 2008 and by federal and state regulations the renewal application needs to be submitted at least 180 days in advance to allow for review. This project is to select consulting services to assist staff in writing and reviewing the application. The project would include data review and calculations. Anti-degradation analysis for Tule Canal and "Best Practical" groundwater assessments.**Status:**

- The Permit was adopted on February 5th, 2009. This item is complete and can be closed out.

Project: 07-39, Bike Master Plan**Phase:** Pre-Engineering **PM:** Wurzel (CDD)**Description:** Update the Bike Master Plan**Status:**

- Staff will begin work on this master plan update in 2009 as time allows.
- **Project de-funded for FY 08/09 at January update to Capital budget.**

Project: 07-42, 2008 Slurry Seal Project**Phase:** Warranty **PM:** Burnham (CDD)**Description:** Construct pavement surface treatments citywide.**Status:**

- Construction contract awarded on May 6, 2008.
- Construction work has been completed and accepted by Council.
- **Negotiating with Contractor to "Terminate for Convenience" due to failure to timely correct various punch list items.**

Project: 07-44, 2008 Road Rehabilitation Project (Lincoln Ave)**Phase:** Construction **PM:** Burnham (CDD)**Description:** Rehabilitation work on Lincoln Avenue from East Street to County Road 98. Grind and Overlay Lincoln Between 6th street and California Street, with water and sewer services renewed and upgraded. Micropave Lincoln between California and CR 98, minor utility work involved. Seal Coat cross streets between Main and Lincoln from 6th street to West Street.**Status:**

- Council contract awarded on June 10, 2008.
- All utility work and paving on Lincoln has been completed.
- Delay of seal coat work until Spring due to inclement weather.

Project: 07-45, 2009 Road Rehab/Economic Stimulus**Phase:** Design **PM:** Wurzel (CDD)**Description:** Rehabilitation work on County Road 102 between E. Main Street and E. Beamer Street

Project: 07-45, 2009 Road Rehab/Economic Stimulus

- Status:**
- **On March 17 the project will go before council** for approval of the plans and specifications and authorization to advertise the project subject to final notification of funding and conditioned upon Caltrans approval of the bid package.
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Project: 07-47, Well 22 Replacement

Phase: Bidding **PM: Olmedo (PW)**

Description: Project involves construction of a new municipal water supply well. The Design capacity of this well will be approximately 1800 gpm. This new well will effectively replace the anticipated lost capacity of Well 22. The well **has** a backup power source. The well site improvements will be protected from a 100-year flood event.

- Status:**
- Sand production **required the well's replacement**. Well is planned to be redrilled by Spring 2009. Existing well will be properly abandoned/demolished.
 - Engineering agreement has been prepared. Staff have decided to replace the existing well using the existing electrical accessories to minimize replacement cost.
 - **Contract will be awarded in early April 2009.**
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Project: 07-49, Water Tank Replacement

Phase: Bidding **PM: Okupe (PW)**

Description: A tank assessment report indicated that the elevated tank is unsafe due to seismic concerns. The tank was constructed in 1952 and is not in compliance with existing building code for seismic safety. The tank is at the end of its designed useful life. The tank's age renders it too old for retrofit which would be more costly than a new tank. This project would study other tank sizes and types to accommodate future City growth and needs.

- Status:**
- Project bid authorization was obtained in November 2008. **Project is out to bid with a bid opening date of March 31.**
 - **During the construction of the tank the design and construction on the related manifold pipeline will be accomplished and completed before the tank is finished.**
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Project: 07-50, Water Focused Study

Phase: Pre-Engineering **PM: Baxter (PW)**

Description: This project is to evaluate and analyze existing water supply issues, such as well replacement, new well locations, system pressure, water tank, and distribution piping systems. Also, this project would develop a five to ten year project in order to better address water fund impact.

- Status:**
- Staff received draft chapters of the water focus study; consultant had initiated calibration of the existing model that was developed for the CEC study.
 - Consultant submitted a report that stipulate the wells that should be operated at peak times to meet flow requirements, this will be programmed into the SCADA software.
 - A CIP list of needed water projects is being prepared as part of this study.
 - **Current work on the Focus Study relates to planned surface water pipelines and tanks. Size, location and water mixing effects are being modeled.**
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Project: 07-51, Water Meter Implementation Plan**Phase: Complete****PM: Okupe (PW)**

Description: This project is to study and determine the type of water meters, the rate structure, and the approach necessary to roll out a water meter implementation program. Currently, the exact number and types of meters installed are unknown and by January 1, 2010, all service connections established after 1992 must be billed according to their meter reading.

- Status:**
- **Installation work has begun for Phase 1 metering. Work should be completed by late fall 2009.**
 - **This Implementation Plan is complete and this project can be closed.**
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Project: 07-52, Flood Plain Management, North Dev Area Emergency Response Model**Phase: Pre-Engineering****PM: Cocke (PW)**

Description: The present floodplain mapping uses hydrology based on the worst-case storm scenario developed by the Army Corps of Engineers during the 2003 Feasibility Study and is based on a surface analysis using a 1,000 foot grid system. This proposal will replace the hydrology with a peer reviewed Storm Centering analysis to be developed by David Ford Consulting, Inc. and replaces the 1,000 foot grid analysis with a 10 meter grid.

- Status:**
- David Ford Inc has finished the evaluation of the hydrology and storm centering for Cache Creek. The study results indicate the 1% (~100 yr) event estimate of flow at Road 94B should be reduced from 63,500± cfs to 55,000± cfs.
 - These results need to be reviewed and accepted by FEMA and the Corps, as a new basin probability curve set is developed for the Cache Creek Basin.
 - A new flood model has been developed for the Southern Cache Creek floodplain using a 15 meter grid by Wood Rodgers. These models, if accepted by FEMA, could result in changes to the FIRM map. In addition, the new model improves the ability of City staff to respond in a flood Emergency with improved knowledge of floodplain depths and velocities.
 - A meeting will be scheduled with the City, Yolo County, YCFC&WCD, Corps, CVFCA and FEMA to review the hydrology and modeling results and begin the discussions of the future floodplain management needs for all parties in the Cache Creek Floodplain.
 - The City is working the WRA and FloodSafe Yolo to obtain approx. \$100,000 to develop a finalized Hydrology Study for presentation to the USACOE and to FEMA for their concurrence.
 - Wood Rodgers has begun the hydrology study. Hydraulic modeling and storm study should be submitted to FEMA/Corps by March 2009.
 - **A LOMR is being prepared for City and County Flood Official presentation to FEMA for Review.**
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Project: 08-01, Community Senior Center, Phase 2**Phase: Warranty****PM: Mitchell (Ponticello Enterprises)**

[Gentry, Parks]

Description: The Phase 2 project will add the dance/aerobics room and complete the parking lot and landscaping around the Community & Senior Center. The project includes a dog park which was originally slated for Phase 1. The original project included the amphitheater, gymnasium, outside basketball courts, youth center and a synthetic turf soccer/softball field all of which were constructed with Phase 1.

- Status:**
- Construction is continuing and is slated for completion by the end of **March 2009**.
 - The significant items of work this month are misc. Comm Ctr. improvements, A/V, and Punchlist.
 - An RFP for Management and Operation of the Fitness center was issued and one proposal was received. Staff has been meeting with the respondent and a final decision from them on whether to proceed is pending.
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Project: 08-03, Community Sports Fields, Phase 1**Phase: Warranty****PM: Mitchell (Ponticello Enterprises)**

[Gentry, Parks]

Description: Project includes design and construction for Phase 1 of the Sports Park. The Phase 1 project includes three or four synthetic multi-use soccer/softball fields with parking lighting, site furnishings, a portable restroom facility, and a pathway and landscaping along Road 24A.

- Status:**
- Construction is completed and **final acceptance of the improvements is scheduled for the March 17th council agenda.**
 - Staff received three responses to an RFP for a portable outfield fence. S&S Fencing has been selected and **a PO has been issued for two fields.**
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Project: 08-05, Fire Stations 2 and 3 Repairs**Phase: Design (re-roof)****PM: Chavez (CDD)**

Description: Fire Station No. 2: Concrete driveway is failing and in need of replacement.

Fire Station No. 3: Building has 4 problem areas: 1) exterior columns are leaning, 2) concrete driveway between street and equipment bays is sinking & separating from the building, 3) roof needs replacing and 4) concrete slab in kitchen is cracking/displacing tiles. A professional engineer will be hired to investigate and report on the causes and remedies for these problems before undertaking repairs or maintenance work.

- Status:**
- Driveway replacements at station 2 and 3 have been completed.
 - **A Consultant Service Agreement has been executed for roof replacement design services at Fire Station No. 3 with MFDB Architects and design work has begun.**
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Project: 08-06, Series Street Light Replacement, Phase 1**Phase:** Design **PM: Chavez (CDD)****Description:** This project will replace old unsafe "series" type street light wiring and install new lights. The first phase segments are on Main Street from 3rd Street to 6th Street and from Elm Street to about Walnut Street. Project extents will match existing street lighting circuitry.

- Status:**
- Resolving CDBG budget funds; \$252,000 combined available from CDBG and Workforce Housing Grant.
 - Design is being performed by engineering staff; anticipate bidding the project in March.
-

Project: 08-07, Surface Water (Davis-Woodland Water Supply Project)**Phase:** Pre-Engineering **PM: Donnelly (PW)****Description:** Through partnership (currently informal), this project addresses long-term water supply challenges to the cities of Woodland and Davis and UC Davis posed by trends indicating deteriorating water quality, increasing regulatory water distribution and wastewater discharge standards, increasing water demand (including potential impacts posed by global warming) and aging water production and distribution systems. This project maintains the partner's due diligence pursuit toward perfecting its 1994 Surface Water Right application for diverting up to 46.1 thousand acre-feet of water per year from the Sacramento River. The project proposes to pump, treat, store and distribute surface waters to blend with existing ground water supplies as the most environmentally sustainable and least cost alternative for addressing the partner's long-term system and supply needs.

- Status:**
- EIR approved by City Council.
 - Pre-design continuing to resolve challenges to the 1994 water right application.
 - An independent study requested by the Davis City Council was prepared by the National Water Research Institute, dated July 18, 2008 and it confirmed the need to go to surface water to meet water quality state mandates. This is consistent with previous separate studies done by Woodland and Davis.
 - Predesign report has been completed for the river intake structure.
 - Wastewater discharge permit requires improved source water. Woodland City Council approved proceeding with the project at their 9/30/08 Council Mtg.
 - A series of meetings have been held with the State Dept. of Fish and Game to resolve their water right protest.
 - **Foundational work is occurring for the formation of a Joint Powers Authority. A joint meeting with both City Councils is planned for this summer.**
-

Project: 08-08, Water Meters**Phase:** Construction**PM:** Heath (CDD) – Const. Mgr**Okupe (PW) – Overall PM**

Description: The purpose of this project is to comply with the provision of AB 2572 which stipulates that development built after January 1st, 1992 must be metered and billed volumetrically by January 1st, 2010 and development built prior to 1992 must be metered and billed volumetrically by January 1st 2025. The project has thus been divided into two phases; development built after January 1st 1992 to be retrofitted have been categorized as phase 1, while development built prior to 1992 have been categorized as phase 2. This project is aimed at completing the phase 1 portion of the project.

- Status:**
- Construction Contract awarded to Teichert Construction on Jan. 27, 2009.
 - Work commenced during week of February 23.
 - **Installation work has begun for Phase 1 metering. Work should be completed by late fall 2009.**
-

Project: 08-19, Sanitary Sewer Model Update**Phase:** Pre-Engineering**PM:** Cocke (PW)

Description: Develop new calibrated sewer model with GIS linkages to existing city system GIS and install permanent data loggers in City to document and calibrate model and investigate for Infiltration and inflow (I&I) problems. This model will help develop solutions for these and other development impacts.

- Status:**
- Contract has begun and initial results are expected in January 2009.
 - **Initial model has been developed but needs calibration.**
-

Project: 08-22, Preliminary Odor Abatement at WWTP**Phase:** Pre-Engineering**PM:** Hierholzer (PW)

Description: Draft a report of the Odor Abatement Plan will list several options and costs for odor control to the WPCF headwork's and Erskine pond. These options are intended to prevent odor detection at the proposed Gateway II development project.

- Status:**
- A draft of the odor abatement plan being finalized for CDD and legal review.
 - The report was submitted to CDD in August 2008.
 - **Project de-funded for FY 08/09 at January update to Capital budget.**
-

Project: 08-23, Main Street SS Slip Line**Phase:** Pre-Engineering**PM:** Cocke (PW)

Description: This project will slip line 750-1500 feet of sewer trunk line on Main St that has been identified as having serious inflow and infiltrations (I&I) problems. I & I impacts wastewater treatment plant capacity.

- Status:**
- This Project will be needed for repairs on the Trunk Lines to the WWTP.
 - **Project de-funded for FY 08/09 at January update to Capital budget.**
-

Project: 08-24, New Calibrated Cache Creek Storm

Phase: Pre-Engineering **PM:** Cocke (PW)

Description: This project will recalculate the Cache Creek Basin Response Curves in an attempt to remove an estimated 4,000 parcels from the FEMA defined floodplain.

Status:

- Project is being coordinated with Flood Safe Yolo and results are expected to be peer reviewed by the Corps in March 2009.

Project: 08-26, Safe Routes to School

Phase: Design **PM:** Camacho (CDD)

Description: This project will improve safe access to Maxwell Elementary, Dingle Elementary, Freeman Elementary, Zamora Elementary, Tafoya Elementary, and Beamer Park Elementary. The project will include installation of traffic calming mid block crossings with medians and in pavement lights at three schools. It will also include installation of in pavement lights at two existing mid block crossings and installation of speed bumps and ADA ramps.

Status:

- Project design is underway.
- **Notification of the project, its limits, and impact will be sent to residents the week of March 23.**
- **Staff will present the project to the Traffic Safety Committee on April 6 for their approval of the designs and the neighborhood impacts.**

Project: 08-27, Pedestrian Signals & ADA Improvements

Phase: Design **PM:** Camacho (CDD)

Description: This project is being funded by the Workforce Housing Grant, which will improve pedestrian signals in the downtown core.

Status:

- It was determined that project improvements can be performed by City crews. Improvement locations are currently being determined by staff.
- Further action is pending on status of the Workforce Housing Grant

Project: 08-28, Modify Well Casings

Phase: Pre-Engineering **PM:** Baxter (PW)

Description: This project will modify well casings as wells 6, 11, 13, and 21. Work will include sealing off nitrate bearing aquifers by sealing those well screens and/or gravel pack.

Status:

- The work proposed will be clarified in the Water Focus Study which should be prepared by **Spring** 2009.

Project: 08-29, Groundwater Monitoring Wells

Phase: Pre-Engineering **PM:** Okupe (PW)

Description: This project will install groundwater monitoring wells to sample water from separate aquifers to provide key data in minimizing nitrate levels in our water supply.

Project: 08-29, Groundwater Monitoring Wells

- Status:**
- First of three wells was installed in pond at Ashley and Gibson. This well was done in conjunction with the work for Well 25. Water sampling is underway.
 - Groundwater management plan will identify the location for the remaining two wells.
 - Work is being coordinated with YCFCWCD.
-

Project: 08-30, Construct Well Improvements

Phase: Pre-Engineering **PM: Baxter (PW)**

Description: This project will add an air vent to well 1; modify piping and elevate well base above flood level at well 4; reconstruct well 5 shed and piping, add a vent to the well, and provide a new meter; and raise well 12 above flood level and raise the electrical panel above flood levels.

- Status:**
- Electrical panel work will be done to prepare the pump sites to be able to safely utilize SCADA for the well's operation.
-

Project: 08-31, Backup Power for Wells

Phase: Construction **PM: Olmedo (PW)**

Description: Three back-up portable generators will be installed at 3 different well sites that will be retrofitted to accept portable back-up power generation. These generators will be able to be unplugged and moved to other sites when necessary to other retrofitted sites.

- Status:**
- Bids were received and are within budget.
 - Site work design is being completed for the improvements needed at the 3 well sites to be able to secure and receive use of the generators.
 - **Permitting for the generator is underway.**
-

Project: 08-32, Well Replacements

Phase: Bidding **PM: Baxter (PW)**

Description: This project will replace wells 3 and 6 initially and well 13 in the next 6 years.

- Status:**
- Well 15 has major well screen failures.
 - **This well is being replaced with a bid opening for the drilling scheduled for March 20, 2009.**
-

Project: 08-33, 1st Groundwater Storage Tank

Phase: Pre-Engineering **PM: Baxter (PW)**

Description: This project will build a new, 3 million gallon, ground level water tank with a booster pump station to handle peak hour water demands.

- Status:**
- Options for siting the tank are now underway. **This work will be reflected in the Water Focus Study.**
 - Budget constraints **may** delay work **1** years.
-

Project:	08-35, New Calibrated Sewer Model	
Phase:	Pre-Engineering	PM: Cocke (PW)
Description:	This project will develop a new calibrated sewer model with GIS linkages to existing City GIS data. Permanent data loggers will be installed to document and calibrate the model to assist with investigations into infiltration and inflow problems.	
Status:	<ul style="list-style-type: none">• Work will commence after new sewer model is developed in Project 08-19.	

Project:	08-55, Facilities Master Plan	
Phase:	Pre-Engineering	PM: Chavez (CDD)
Description:		
Status:	<ul style="list-style-type: none">• Negotiating services with FEA (Facilities Engineering Associates).	

Project:	08-62, KB Greenbelt	
Phase:	Design	PM: Fong (CDD)
Description:	The Spring Lake Specific Plan Capital Improvements Plan (SLSP CIP), approved by City Council June 22, 2004, provides for public financing of backbone infrastructure improvements. These improvements include greenbelts adjacent to the KB Homes developments. The project improvements will be constructed by the City.	
Status:	<ul style="list-style-type: none">• Establishing project budget codes and funding.• Incorporate greenbelt design into Springlake Park N2 (05-27) plans and construct concurrently.	

Project:	08-66, Russell Ranch Greenbelt	
Phase:	Warranty	PM: Heath (CDD) (Norris)
Description:	The Spring Lake Specific Plan Capital Improvements Plan (SLSP CIP), approved by City Council June 22, 2004, provides for public financing of backbone infrastructure improvements. These improvements include greenbelts adjacent to the KB Homes developments. The project improvements will be constructed by the City.	
Status:	<ul style="list-style-type: none">• Establishing project budget codes and funding.• Plans approved and construction underway.	

Project:	08-67, 2009 Prop 1B Road Project	
Phase:	Pre-Construction	PM: Wurzel (CDD)
Description:	This project will construct pavement treatments throughout the area bounded by Gibson Road, Main Street, CR98 and West Street.	
Status:	<ul style="list-style-type: none">• Bids were opened on March 5, 2009• Valley Slurry was identified as the lowest responsive responsible bidder. Staff is requesting authorization to award the contract.• Construction is anticipated to begin late May or early June and last approximately one and a half months.	
