



City of Woodland

REPORT TO MAYOR AND CITY COUNCIL

AGENDA ITEM

TO: THE HONORABLE MAYOR
AND CITY COUNCIL

DATE: December 2, 2008

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.

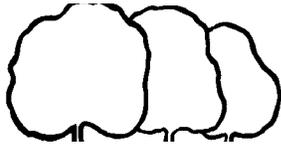
Staff is available to address any questions Council may have.

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Sr. Civil Engineer

Reviewed by: Barry Munowitch, AICP
Assistant City Manager

Mark G. Deven
City Manager

Attachments: Monthly Status Report/Capital Budget Status Report



MILESTONE EVENTS

00-04, Lemen & East Street Utilities	Construction for sewer and water rehabilitation underway
03-28, WWTP Chemical Facilities	Construction underway
04-07, Kentucky Avenue Widening and Reconstruction	Delaying design work due to budget considerations
07-44, 2008 Road Rehabilitation (Lincoln Ave)	Utility work is complete; (sewer, water, storm); pavement work completed; striping and signal work underway; delaying slurry seal work to spring 2009 due to inclement weather
07-18, Park Irrigation Rehab-Camarena/Christensen Parks	Construction underway
07-18, Park Irrigation Rehab-City & Harris Parks	Favorable Bid Opening; staff considering options due to revenue shortfall; to be considered at Dec. 16 or Jan. 6 council meeting.
08-08, Water Meter	Advertising for bids, open bids Dec. 4 th
08-55, Facilities Master Plan	Reviewing five consultant submittals

DETAILED PROJECT LISTING

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

Phase: Design

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:**
- Completing design documents, including some redesign to match improvements constructed by Gateway.
 - Completing Right of Way certification request documents, including utility agreement with PG&E, for Caltrans review/approval. PG&E requirements delaying project schedule. PG&E is finalizing the tower relocation design, revising the estimate, and is determining the limits of additional easement the City is required to obtain for the tower relocation. The City will need to obtain the additional easement prior to submitting Right of Way certification to Caltrans.
 - Anticipate bidding the project 1st quarter 2009.

Project: 98-01, E. Gum & Matmor Traffic Signal**Phase:** Design **PM:** Camacho**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.

Project: 00-04, Lemen, North and East Streets Realignment**Phase:** Design & RW **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. 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.**Status:**

- Right of Way acquisition: acquired RW from 2 property owners and will soon begin escrow with another property owner.
- Completing design documents.
- PG&E has begun the Undergrounding District design in July 2008 and plans to begin construction in 1st quarter 2009 and end construction in Summer 2009; PG&E has budgeted \$250,000 of Rule 20A funds during 2008 calendar year. AT&T and Wave have recently begun their design for the Undergrounding District. The construction of the Undergrounding District and the City's roadway realignment project need coordination since there are power poles along East Street and Lemen Avenue that are currently in conflict with the City's roadway realignment project. These poles will be undergrounded with the Undergrounding District Project.
- 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 roadwork will occur in Summer 2009. Construction of utility under-grounding will begin in 1st quarter 2009 and be completed by Summer 2009. Construction duration is dependent on City & Utility construction coordination and weather impacts.

Project: 00-06, I-5 and Highway 113 Interconnect, Phase 1**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.

Project: 00-06, I-5 and Highway 113 Interconnect, Phase 1

- Status:**
- Design is substantially complete. There are a few follow-up items regarding aesthetics and Right of Way coordination.
 - Caltrans is pursuing Right of Way acquisition and utility relocation. Right-of-Way from three parcels has been acquired; Caltrans is in negotiation with three other property owners and has rescinded an offer with another property owner.
 - Staff is trying to negotiate advance funding with SACOG based on \$2.4 million in future STIP.
 - 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, PW]

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 still being analyzed.
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Project: 01-01, County Well Acquisition**Phase:** Pre-Engineering**PM:** Baxter

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 has been hired to evaluate modifications needed to proceed with the public utilization of the well.
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Project: 01-02, Pioneer & Brennan/Brannigan Signal

05-14, Pioneer & Farnham Signal

07-40, Pioneer & Gum Signal

Phase: Warranty

PM: Heath

Description: These projects consist of the construction of new traffic signals at the intersection of Pioneer with Brennan/Brannigan and at Farnham and an upgrade of the signal at Pioneer and Gum. These traffic signals will be interconnected into the system that extends along Pioneer Avenue from Gibson Road to Main Street.

- Status:**
- Final acceptance by Council on May 6, 2008.
 - The close-out documents have been submitted by the contractor and Final Payment has been made..
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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:**
- The Street Master Plan is scheduled to go to the Planning Commission and Council this fall.
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Project: 01-23, Gibson Road Overcrossing

Phase: Pre-Engineering

PM: Camacho

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.

- 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.
-

Project: 02-45, Cemetery Revitalization**Phase:** Construction**PM:** Gentry

Description: The City Council adopted a Master Plan of 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.

Project: 03-25, Springlake Fire Station**Phase:** Pre-Engineering**PM:** Mitchell (Ponticello Enterprises),
[Karoly, Engineering]

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 completed and shelved for future bidding.
- Land acquisition underway, appraisal renewed and under consideration by City.

Project: 03-28, WWTP Tertiary Treatment – Chemical Feed**Phase:** Construction**PM:** Mitchell (Ponticello Enterprises)
[Karoly, Engineering]

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

Status:

- Construction commenced in October and slated to be completed in April 2009.

Project: 04-07, Kentucky Avenue widening and reconstruction**Phase:** Pre-Engineering**PM:** Wurzel

Description: This project includes the widening of Kentucky Avenue from 2 lanes to 4 lanes between West Street and East Street. Project will include widening from two lanes to four lanes and median, drainage, right of way acquisition, environmental document, traffic signal installation at College Avenue and possibly Palm Avenue. Project will also include reconstruction of Roadway as identified in the road report. Project will include evaluation of need to signalize intersection of Palm Avenue and Kentucky Avenue with the widening of Kentucky Avenue or to defer the improvement.

Project: 04-07, Kentucky Avenue widening and reconstruction

- Status:
- Ponticello Enterprises commenced preliminary design work in December 2004. The preliminary report will be completed 1st quarter 2009.
 - Environmental clearance (CEQA/NEPA) is scheduled for fall/winter of 2008 and ROW acquisition could begin in 2009.
 - The current 10 year capital budget nomination includes funding to complete an initial phase of the project in 2012 which would construct an improved two lanes and new two-way turn lane from West Street to Palm Avenue with minimal changes from Palm Avenue to East Street. The estimated cost of this construction is \$6 Million.
 - The second phase of the project is budgeted in 2018 and would construct four lanes with medians from College Street to East Street.
 - Delaying further design work due to budget considerations
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Project: 04-25, Springlake Backbone Improvements, Package A

Phase: Construction **PM:** Heath

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:**
- City water, sewer, storm drainage, roadway improvements and utility (PGE, Phone, CATV) are substantially complete.
 - Landscaping on County Road 102 from Farmers Central Road to Gibson Road is underway.
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Project: 05-09, Main Street widening (west bound), East to 6th Streets

Phase: Ready for Construction **PM:** Fong

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.

Project: 05-09, Main Street widening (west bound), East to 6th Streets

- Status:**
- Offsite improvement plans, dated 10/8/2008, approved by the City Engineer on 10/15/2008
 - Encroachment and Building Permit Fees have been calculated and are waiting to be paid.
 - Improvements to be constructed by Developer.
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Project: 05-13, Springlake Backbone Improvements, Package B-1

Phase: Construction **PM:** Heath

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 have not started..
 - Resolving developer reimbursements and credits.
-

Project: 05-27, Springlake Neighborhood Park N2

Phase: Design **PM:** Mitchell (Ponticello Enterprises)
[Gentry, 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 will be completed in December 2008.
 - Appraisal has been renewed.
 - 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

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.

Project: 05-30, Kentucky and CR 98/SR 16 traffic signal

- Status:**
- Agreements between all parties, City, County and Caltrans have been approved.
 - Caltrans is designing the signal and preparing the bid documents. Caltrans has [scheduled Bids for August of 09](#) with project award being scheduled for [September of 09](#).
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Project: 05-34, Water Well 25**Phase:** Design**PM:** Chavez

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.
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Project: 06-04, Storz Pond Water Quality Improvements**Phase:** Construction**PM:** Cocke

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:**
- A portion of the north planting was sprayed and will be re-established this fall. The pond is operational.
 - The design for modification of the inlet and outlet structures is in review.
 - The 36 inch RCP connection between pond and outlet has been installed.
 - Seeding and vegetation maintenance will begin after germination rain events.
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Project: 06-05, Casa del Sol MH Public Improvements**Phase:** Design**PM:** Chavez

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.

Project: 06-05, Casa del Sol MH Public Improvements

- Status:**
- City Council authorizing bidding in July contingent on Caltrans grant authorization.
 - Construction Authorization sent to Caltrans; anticipate permission to bid by end of November.
 - CHOC onsite construction commenced.
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Project: 06-07, South Canal (SD) Pumping Plant & Yolo Bypass Outlet

Phase: Pre-Engineering **PM:** Cocke

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.
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Project: 06-09, SCADA for Water System

Phase: Design **PM:** Okupe

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.

- Status:**
- Consultant submitted draft pre-design report
 - Consultant to submit final pre-design report by 10/30/08
 - Staff to communicate with the City of Windsor regarding the FCC license.
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Project: 06-11, Springlake Backbone Improvements, Package B-2

Phase: Hold **PM:** Fong

Description: This project includes extension of roads, and utilities identified in the first bond sales Initial Facilities Requirement for CFD 2004-1. Package B was split into 2 separate CIPs; B-1 (05-13) and B-2 (06-11) to facilitate early construction of supporting infrastructure for the Springlake Fire Station. Included in Package B2 is Parkland Avenue from CR 101 to Heritage Parkway and Pioneer Avenue between Gibson and Parkland.

Project: 06-11, Springlake Backbone Improvements, Package B-2

- Status:**
- Plans revised and will be saved for future use. Bidding is on hold indefinitely.
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Project: 06-12, Springlake E. Regional Pond Landscaping

Phase: Bidding **PM:** Heath

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.
 - Bidding to commence in December.
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Project: 06-14, Annual In-House Road Program Support

Phase: Ongoing **PM:** Wurzel

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 projects planned for the summer of 2009.
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Project: 07-16, Library Maintenance & Repair

Phase: Warranty **PM:** Heath

Description: Replacement of Leake Room floor and furnishings; repair or replacement of 101 year-old wooden windows that are now damaged and unprotected; repair of damaged wooden eaves; repair damage stucco; repaint building; re-carpet portions of building; make ADA corrections; repair fire sprinkler system; make electrical repairs; relocate reference desk;

- Status:**
- Leake Room flooring and furnishings have been replaced.
 - The exterior renovations have been completed and accepted by City Council.
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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.

Project: 07-18, Woodland Park Irrigation Rehabilitation

- Status:**
- Bids opened October 9th for City Park and Harris Park irrigation and turf renovation. Favorable Bid Opening; staff considering options due to revenue shortfall; to be considered at Dec. 16 or Jan. 6 council meeting.
 - Christiansen Park and Camerena/Pedroia Field irrigation and turf renovation commenced in October and the project will be completed by March 2009. Coordination with softball and little league schedules requires added attention to construction timelines.
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Project: 07-24, MPFP Update

Phase: Pre-Engineering **PM:** Gatie

Description: This project will update the 2006 MPFP by Cost of Living as well as add any additional projects that have been approved "off-cycle" or included in revised Master Plans.

- Status:**
- Staff has been meeting to review projects, timeframes and to review new projects that need to be added to the Plan.
 - We anticipate a draft document sometime in the fall.
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Project: 07-25, MSC Interior Office Space Expansion

Phase: Warranty **PM:** Heath

Description: Construction of office space on the loading dock of the MSC. This includes 10 offices and 2 meeting/conference rooms. (Approx. 2,912 sq ft) Construction of an ADA compliant ramp from the ground floor to the level of the loading dock. Construction of a partition wall between the new offices and the open-air locker room directly below the offices to provide some privacy for staff using the locker room. One partition wall between an office and the current MSC Conference Room will be removed, creating a small equipment/plotter room and a larger conference room. Minor ADA compliance issues have to be corrected. Door widths, opening force, some clearances, and thresholds are typical of the items needing attention.

- Status:**
- Construction started in April; contractor's work completed. City forces are finishing out electrical work and computer network setup.
 - Final Inspection occurred on October 3, 2008. The contractor is working on completing the punchlist items.
 - This project accepted by City Council.
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Project: 07-31, Sewer Trunk Rehabilitation**Phase:** Design**PM:** Cocke

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.
 - Bid documents should be ready in late January.
-

Project: 07-32, Sanitary Sewer Management Plan**Phase:** Pre-Engineering**PM:** Gedatus

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.
 - The city is on schedule to have the SSMP completed and adopted by August, 2009.
 - Project is ~ 90% complete but waiting for finalization of sewer GIS layer to complete asset condition CIP module of SSMP.
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Project: 07-33, WPTP Sludge Disposal Study and Implementation Plan**Phase:** Pre-Engineering**PM:** Hierholzer

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.

Project: 07-33, WPTP Sludge Disposal Study and Implementation Plan

- Status:**
- First phase bio-solids removal is complete.
 - Analyzing removal options for other ponds; may need to dredge. There are five more ponds still remaining with a solids accumulation.
 - Consultant will be doing an overall plan for treatment and bio-solids.
 - The south ponds will need to be modified, to allow for each pond to be individually isolated for solids removal. This will be a future capital project.
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Project: 07-34, WPTP Permit Application Renewal (ROWD)

Phase: Pre-Engineering

PM: Hierholzer

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 ROWD has been submitted to the Regional Water Quality Control Board and is currently under review. Awaiting RWQCB comments.
 - The Regional Board accepted the ROWD and just issued the new NPDES permit based on the ROWD's data.
 - The Hydrologic Ground Water Test report was submitted to the City for review on June 3rd, 2008. The report indicates the ponds are impacting the groundwater with EC and Boron.
 - Regional Board pulled the NPDES permit for legal review. The Board anticipates adopting the new NPDES permit at the December 2008 or January 2009 hearing.
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Project: 07-35, Springlake Sewer Lift Station Gantry & Fence

Phase: Completed

PM: Hierholzer

Description: Currently as constructed, the turning radius for truck and other maintenance equipment does not have sufficient room to maneuver. The pumps in the wet well cannot be pulled for maintenance and repair. The gantry will provide support for other equipment in order to maintain and repair the pumps in the wet well. Also, the existing fence is low and does not prevent vandalism.

- Status:**
- All work completed.
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Project: 07-37, Gibson & Cottonwood Traffic Signal**Phase:** Warranty **PM:** Heath**Description:** Construct a new traffic signal at the intersection of Gibson and Cottonwood. Project being design and managed by CHW (Hospital).**Status:**

- Signal is operational; completed in April 2008.

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

- Staff will begin work on this master plan update late in the 2008 calendar year.

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

- Construction contract awarded on May 6, 2008.
- Construction work has been completed and accepted by Council

Project: 07-44, 2008 Road Rehabilitation Project (Lincoln Ave)**Phase:** Construction **PM:** Burnham**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.
- Construction work is completed on underground utilities. Manholes and valves will be raised to grade and should be completed by November 20th.
- Concrete replacement has been completed.
- Pavement rehabilitation work was completed on November 7th.
- Final Inspection of work completed to date is scheduled for November 20th.
- Delay of seal coat work until Spring due to inclement weather.

Project: 07-47, Well 22 Replacement**Phase:** Pre-Engineering**PM:** Olmedo

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 will include a backup power source. The well site improvements will be protected from a 100-year flood event. The new site has tentatively been located near well 17, near Sycamore Ranch.

- Status:**
- If we stay with the current well casing it will operate at about 65% of its original capacity.
 - Sand production continues to occur. Well is now set to pump only in emergency conditions. Well is planned to be redrilled by Spring 2009. Existing well will then 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. Due to persistent sand intrusion into the distribution system.
 - Consultant currently working on report to recommend method of destruction and design.
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Project: 07-48, Well 17 Replacement**Phase:** Pre-Engineering**PM:** Baxter

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 17. The well will include a backup power source. The well site improvements will be protected from a 100-year flood event. The new site has tentatively been located near well 17, adjacent to Rd. 98.

- Status:**
- Multiple steps have been taken to reduce this well's nitrate levels.
 - Pump to waste line has been installed at the well site and the well is back in operation.
 - Well is being monitored to see if replacement can be deferred or less costly modifications can be made.
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Project: 07-49, Water Tank Replacement**Phase:** Design**PM:** Okupe

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.

Project: 07-49, Water Tank Replacement

- Status:**
- Armory building has been removed.
 - Project bid documents to be ready in December and scheduled for Council bid authorization in December or January.
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Project: 07-50, Water Focused Study

Phase: Pre-Engineering **PM:** Baxter

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.
 - Report will be completed in November 2008.
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Project: 07-51, Water Meter Implementation Plan

Phase: Pre-Engineering **PM:** Okupe

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:**
- Work for Phase 1 should be out to bid by late October 2008.
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Project: 07-52, Flood Plain Management, North Dev Area Emergency Response Model

Phase: Pre-Engineering **PM:** Cocke

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.

Project: 07-52, Flood Plain Management, North Dev Area Emergency Response Model

- 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 and should finish in December.
-

Project: 08-01, Community Senior Center, Phase 2**Phase:** Construction**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 in late November 2008.
 - The significant items of work this month are Exercise Equipment, A/V, and Site Landscaping.
 - Grand Opening postponed.
-

Project: 08-03, Community Sports Fields, Phase 1**Phase:** Construction**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 with final punchlist items being worked.
 - Grand Opening scheduled for November 8th.
-

Project: 08-05, Fire Stations 2 and 3 Repairs**Phase:** Design**PM:** Chavez**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:**
- Staff is reviewing the assessment report, prepared by the City's consultant that addresses the settlement roofing and structural issues at Fire Station No. 3.
 - Driveway replacement at station 2 has been completed and construction of driveway repairs at station 3 will be commencing in November.
-

Project: 08-06, Series Street Light Replacement, Phase 1**Phase:** Design**PM:** Chavez**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 December to January time period.
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Project: 08-07, Surface Water**Phase:** Pre-Engineering**PM:** Baxter**Description:** This project is in the early stages of procuring surface water to mix with our ground water to improve overall water quality. This higher water quality water is needed to meet both expected future water and wastewater water quality standards.

- 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.
-

Project: 08-08, Water Meters**Phase:** Bidding**PM:** Okupe**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:**
- Project Bid documents approved and bids will be received and opened on December 4th.
-

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

Project: 08-22, Preliminary Odor Abatement at WWTP**Phase:** Pre-Engineering **PM:** Hierholzer**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: 08-23, Main Street SS Slip Line**Phase:** Pre-Engineering **PM:** Cocke**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.
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Project: 08-24, New Calibrated Cache Creek Storm**Phase:** Pre-Engineering **PM:** Cocke**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**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:**
- Funding allocation notification was recently received from Caltrans.
 - A State Master Agreement for State-Funded Projects and a Program Supplement has been approved by Council. No invoices for reimbursement can be processed until the agreement and the supplement are fully executed.
 - Fully executed copies of the State Master Agreement and the Program Supplement were recently received from Caltrans.
 - Project design has been started.
-

Project: 08-27, Pedestrian Signals & ADA Improvements**Phase:** Design**PM:** Camacho**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.

Project: 08-28, Modify Well Casings**Phase:** Pre-Engineering**PM:** Baxter**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 November 08.

Project: 08-29, Groundwater Monitoring Wells**Phase:** Pre-Engineering**PM:** Okupe**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.**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 w/ YCFCWCD.

Project: 08-30, Construct Well Improvements**Phase:** Pre-Engineering**PM:** Baxter**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:** Bidding **PM:** Olmedo**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:**

- Project is currently out to bid for purchase of generators. Bid closes December 3, 2008. Site modifications to accommodate generators are still under design.

Project: 08-32, Well Replacements**Phase:** Pre-Engineering **PM:** Baxter**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. We are waiting for a report before proceeding with a well replacement.

Project: 08-33, 1st Groundwater Storage Tank**Phase:** Pre-Engineering **PM:** Baxter**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.

Project: 08-35, New Calibrated Sewer Model**Phase:** Pre-Engineering **PM:** Cocke**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:**

- Work will commence after new sewer model is developed in Project 08-19.

Project: 08-55, Facilities Master Plan**Phase:** Pre-Engineering **PM:** Karoly**Description:****Status:**

- RFQ process underway to seek consultant.

Project: 08-62, KB Greenbelt

Phase: Design

PM: TBD (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:**
- Establishing project budget codes and funding.
 - Obtain design drawings from developer.
 - Incorporate greenbelt design into Springlake Park N2 (05-27) plans and construct concurrently.
-

Project: 08-66, Russell Ranch Greenbelt

Phase: Construction

PM: Heath (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:**
- Establishing project budget codes and funding.
 - Plans approved and construction underway.
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