UTILITIES / PUBLIC WORKS / ENGINEERING

PROJECT STATUS REPORT

11/02/11

Bold Text = New Information

Capital Improvement Projects

Water Treatment Plant Design

The Basis of Design Report (BODR) and Environmental Report have been submitted to CDPHE for review prior to submitting the application for SRF funding. We are proceeding with final design of the treatment plant as outlined in the BODR. If changes are to be made to reduce the capacity, additional engineering costs may be necessary.

The Membrane Process Equipment System was awarded to General Electric (Zenon Environmental Corporation) which included shop drawings of the membrane system, a demonstration pilot test, and purchase of the units. **A decision to purchase the membranes must be made prior to March 2012.**

Mitigation for wetlands within the construction site and meeting Corps requirements will require a payment to the Spring Water Ranch Wetland Mitigation Bank or mitigation restoration measures constructed on site. **The bond amount will include this cost.**

CDOT has issued an access permit for an entrance to the plant site from U.S. 6. A first set of drawings has been prepared for the entrance. A grading plan for the plant site has been prepared.

A final draft of the raw water pipeline alignment was reviewed by Staff and sent to CDOT, who issued a permit for construction. However, they have told us that they will not authorize construction of a bore under US 6 and now want us to change the drawings to allow trenching within the pavement section. This will require a revision to the agreement with the consultant to revise the drawings to meet CDOT requirements but will save many dollars in construction costs, now that we can trench in US 6. **The consultant has prepared a proposal for redesign of the pipeline on the new alignment and the additional cost will be presented in the near future.**

A control scheme for the new facility has been developed by our consultant and reviewed by staff and returned for correction.

A site plan and electric/heating demands have been sent to Xcel for their planning and to determine a cost for the service. **Xcel has preliminarily said the cost for the electrical service should be very minimal (like zero). A new gas line from 7th Street to the new plant may be in the range of $50 to $80 thousand.**

Asbestos Removal at GMWTP

Walsh Environmental has completed a report determining the amount of and cost to remove asbestos and other hazardous material from the existing GMWTP. We have reviewed the report and will recommend funds be set aside to perform the work in the future.

Bypass Pipeline at Rifle Pond

This project, funded partially by a STAG Grant, consists of a bypass pipeline from the River Intake to the raw water pump station and a bore across U.S. 6 for a future raw water pipeline to the new Water Treatment facility. A permit from CDOT was received and forwarded to the contractor for compliance to their provisions. However, as discussed above, CDOT will not allow construction of the bore and now wants the pipeline installed by trenching in the pavement section of US 6. This will require redesign and the bore under US 6 has been eliminated from the Contractor's scope of work.

Water in the pond was lowered to allow grading of the bottom to proceed but when the river level rose, work was stopped and the pond refilled. Pipe has been fused together and concrete anchors attached for placement across the pond. **The contractor has installed the connection to the inlet manhole at the pond intake.**

Deerfield Park

A cost for Phase 1 construction has been developed and final design plan s/specifications are being prepared for review. Staff has reviewed the 90% drawings and a meeting was held to discuss our comments.

Rifle Arterial Transportation Engineering (S.H. 13 & U.S. 6)

Plans (Phase 1) are being finalized which includes changes to S.H. 13 south of Centennial Parkway, reducing two lanes to one to allow Whiteriver traffic to merge with Railroad Avenue traffic safely before the bridge over the river. CDOT has reviewed and approved the preliminary design for the improvements and a final office review with CDOT has been held. C

omments from this meeting have been incorporated into the drawings. An Access Permit has been received from CDOT to construct the improvements and work will begin next spring. **Funds have been included in the budget to perform this work. Striping for an eastbound left turn from US 6 at West Avenue is included in the project.**

Biosolids Removal at the North Wastewater Plant

Sludge has been removed from the lagoons and delivered to Cacaloco for composting. **CDPHE has been requested to approve the closure of the NWWTP.**

Water Sales Building

The project has been put on hold because software is unavailable to mesh with the Finance Department software. **The project has been included in** next year's budget.

Rifle Creek Plaza Improvements

A contract was awarded to Johnson Construction to complete the remaining work (final grading, sleeves for irrigation and electrical use, paving, electrical, lighting, curbs, gutters handicap ramps). Underground conduit and sleeves have been installed. Forming and pouring of curbs and gutters and work along West Avenue is nearing completion. **Paving and striping of the parking area is complete as well as perimeter sidewalks. Installation of pavers continues. The detention pond work and drainage within CDOT R/W is underway.**

Theater Plaza and Landscaping

The work consists of construction of the plaza immediately in front of the theater which includes pavers, stamped concrete, landscaping, irrigation and lighting. Also included is landscaping and irrigation throughout the site. Landscaping will not be planted until the spring of 2012. The contractor has installed several of the architectural features within the plaza. **Paver installation continues.**

Expansion of O&M Service Center

The expansion consists of a 30 foot wide by 78 foot long bay on the east side of the building with garage doors at each end. The contract is now complete except for punch list items.

Energy Process Audit

The purpose of this work was to investigate the operations and processequipment of the Rifle Regional Wastewater Reclamation Facility to determine if savings in energy cost can be realized. The Final Report to establish a baseline of energy use at the Facility determined several conservation opportunities. Staff will determine which recommendation will be tried first. A request for rebate has been sent to Xcel.

Banner Pole Replacement/Addition

Staff and DDA have reviewed several types of poles, bases and fittings to be placed on either side of Railroad Avenue and 3rd Street at about four locations. Providing electricity, for Christmas lights, is now included in the design. Locations for the poles have been determined. A foundation design has been detailed and Staff has determined a cost estimate. **Staff should be installing these poles next week.**

Boat Ramp

CDOT has supplied a lease agreement for the boat ramp area for our review. A preliminary layout of the access, parking, ramp and picnic areas has been completed. A wetlands delineation report and a cultural evaluation have been finalized. These reports have been delivered to CDOT. A nationwide general permit from the Corps is necessary. An engineer has been selected and design work is underway.

2011 Street Improvements

Work is complete on 7th Street except for minor repairs. The drainage outlet in front of the Catholic Church has been completed. Patching was not required on 7th Street and we will those funds for repair of 3rd Street at the east end of the bridge over Rifle Creek.

Aspen Avenue milling, reshaping and paving is now complete. **Work on 8th Street has been completed except for a few minor items. Whiteriver Avenue repair work should begin next week.**

Acacia Avenue Water Main Extension

Our consultants have completed the survey and are preparing designs for a water main extending from the south end of Acacia avenue to Whiteriver Avenue along the existing trail. This will provide a loop to guarantee water service to residents of Deerfield and Rimrock subdivisions during periods when the 3 mg tank is off the system. Design is complete. **Presently, this work not scheduled for next year but we hope to include this important extension in the future.**

Cleaning and Televising Sewer Mains

The contractor has cleaned and televised the system under this contract (about 30% of the entire City). We hope to schedule remaining work in the future.

Irrigation System Audits

Audits would be free to the homeowners (contractor would be paid from a grant to the City). Recommended improvements by the contractor, if requested by the homeowners are to be paid by the homeowner. A rebate of $100, $200 or $300 depending upon the required improvement would be deducted from the homeowners cost and paid to the contractor. **Work on the majority of the irrigation systems has been completed. Several audits will be performed in the Spring.**

U.S. 6 Culvert

CDOT has replaced a 36 inch CMP culvert under U.S. at mile post 93.3 (near the proposed water treatment facility) with a 60x36 inch RCP. **The work within the pavement area is complete. Work continues on the inlet structure just north of the roadway.**

Northeast Pump Station

An additional pump and motor/switchgear is to be installed to meet demand from the Northeast Pressure Zone. An electrical design has been prepared. **Equipment has been ordered and installation should begin in December or January.**

3 Mg Tank Mixing Device

A mixing device, similar to those installed in the Airport and West tanks is to be installed in the 3 mg tank to prevent chlorine degradation. Installation should occur this year.

Design of West 2nd Street and West Avenue

RFP's were sent to local engineering firms for a technical and cost proposal for improvements to West 2nd Street between West Avenue and Railroad Avenue and West Avenue from US 6 to West 2nd Street. Design would include, in addition to normal street sections, landscape, street lighting and streetscape. This improvement would provide an attractive and inviting entrance to Rifle Creek Plaza from Railroad Avenue and would join the Plaza, City Hall and Library complex with the theater site. No proposals were received and Staff has sent the RFP to a landscape architect (who worked on the Roundabouts and the theater) for a quotation. **Design may be performed next year, if funds are available.**

Blacktail Drive

This street south off of Airport Road will serve Sierra Chemicals and other developments. The work is complete except for punch list items.

Rebates for Water Appliances

Rebates for low-flush toilets and reduced water use clothes washers will be offered to citizens who purchase and install these appliances. Those who take advantage of this offer will receive a $100 rebate off the installation cost on up to 3 toilets and 1 clothes washer. A total of $400 in rebate is possible.

Development Projects

Staff is working on the following development projects:

Development projects on hold because of the present economic downturn:

Pioneer Mesa, Phase 2	14th Street Marketplace
Scalzo Ranch (The Grove)	West Side Mobile Homes
Comfort Suites	Whiteriver Plaza
Remington Square	The Farm
Eagles Nest	Roan View Industrial Park
Rimrock	Trapper Hollow

Development projects presently under construction include:

Creekside Townhomes (punch list items)
NUTS sidewalk demolition
Kum & Go at 26th Street
The paving and retaining wall work should be completed during the second week of November.
Sierra Chemicals
Aaron's Development

Projects in progress through Planning/Engineering are:

Kum & Go at Centennial Parkway and Railroad Avenue
Kum & Go at 14th Street
Queen's Crown
Rifle Airpark
Xcel Operations Center
Spring Crossing Farmers Market

Right-of-Way Permits

No new active permits for Contractors to use the public R/W have been issued.

Garfield County Projects within the Rifle Area

Garfield County Airport Runway Realignment and Improvements

The City improvements in this project are now complete with only one punch list item (which the County says they will do with the next Airport project) and the as-builts remaining.

Garfield County Airport Water and Sewer System Expansion

A report has been delivered on deficiencies in the existing water/wastewater systems at the Airport and a meeting was held to discuss these concerns with the County Airport Manager, who will correct the deficiencies. The majority of the items have been completed.