



AGENDA ITEM: _____

MEETING DATE: June 28, 2017
TO: Board of Directors
FROM: Bill Quesnel PE, District Engineer
SUBJECT: Projects Update

RECOMMENDATION:

For information only, no Board action requested

DISCUSSION:

Warehouse Fire Sprinkler Installation:

Staff is working with Overhead Fire Protection of Reno to design a fire sprinkler system for the Warehouse. As mentioned in previous reports, the capacity of the District's water distribution system is hydraulically limited by the configuration of the connection(s) to the Truckee Donner PUD system on Airport Road and Soaring Way which in turn limits the available head (pressure) and flow to a sprinkler system without the installation of a stand-alone fire pump. A report prepared by Engineered Fire Systems of Grass Valley identified four different sprinkler configurations (head spacing and flow rates) based on the type of stored materials and height of shelving in each of the warehouse spaces. Once the hydraulic analysis of the system has been modelled to determine which of the four configurations are viable and the associated cost(s), Staff will meet with the affected tenant (Mountain Home Center) to make sure the preferred option works for them.

The project budget is \$150,000.

Playground Expansion

Due to the collapse and demolition of Hangar 2 this past Spring, Staff has put the playground expansion on hold pending an opportunity for the new Hangar 2 Architect/Engineer to design the space appropriate to the new building.

Tahoe City Helipad:

Under separate cover is information from the General Manager re:

- the status of County/Tahoe Regional Planning Agency permitting;
- the Use/Maintenance Agreement between the Tahoe City PUD and Truckee Tahoe Airport District to allow construction, operation and maintenance of the facility;
- the limits of an Avigation Easement between the TCPUD and TTAD depicting the lateral and vertical limits of an approach to the helipad; and
- construction bid results and schedule.

Executive Hangars:

Land Use Permits: My office submitted a Conditional Use Permit application to the Town of Truckee on May 1st based on direction from Town Staff. After further review of the Town archives, the Planner found a 2003 Agreement between the Town and Airport District stipulating that construction of the two new buildings (10 hangars total) does not require another design review by the Planning Commission; but a rezone of the property from Planned Community to Public Facility is necessary before construction can proceed. I received documentation from the Town supporting the 2003 Agreement and am working on a Zoning Map Amendment application as the change was never pursued by the Airport. The Amendment requires approval by both the Planning Commission and Town Council; I expect those hearings will occur in August or September.

Facilities Master Plan:

My office will soon start the update to the Facilities Master Plan. The 2017 budget includes \$30,000 for the update.

Hangar 1 Update:

Work is underway to upgrade Hangar 1:

- installation of R-30 insulation in the ceiling and walls of the hangar;
- installation of new windows throughout the building;
- installation of galvanized corrugated siding backed by additional girts and ¾-inch plywood along the entire north wall;
- installation of a gable roofed snow-shed at the central north door to allow for emergency exiting in the winter; and
- in the fall staff will solicit bids to repair the hangar floor and apply an epoxy coating.

The contractors were chosen through competitive bidding:

- GLA Morris (windows and north-wall repair): \$60,000;
- Insulation Solutions (insulation): \$54,836; and
- Prosser Building and Development (snow-shed installation): \$4,980

The project budget is \$130,000. Work started in late May and should be complete by the end of June. In the interim Sierra Aero has moved its maintenance operation to Hangar A-9. All work will be completed by June 23rd.

Vehicle Maintenance Building Addition

Following receipt of the building manufacturer's plans and supporting documentation, an application was submitted to Nevada County Building Department on June 2nd with issuance of the Permit expected in early July. In the interim the design team continues to review shop drawings and equipment submittals. The project is on-track to be completed by December as required by the Contract Documents. The FAA mandated ALP update showing the building expansion has been approved.

Property Management

The Truckee River Watershed Council has taken the lead on the restoration of multiple properties more or less surrounded by the Ponderosa Golf Course, Estates Drive, Martis Drive, Riverview Drive and the former Town of Truckee Corporation Yard. The project is called the Truckee Meadows Restoration and has been in design for several years. The parcels are owned by multiple entities: Truckee Donner Land

Trust, Truckee Donner Recreation and Parks Department, Town of Truckee, Truckee Donner PUD and the Airport District who are all working together to correct erosion and stormwater degradation issues before the water is discharged to the Truckee River. The estimated cost of the work on District property is \$253,000; it is anticipated that a budgetary request for funding will be included in the “bridge budget” beginning October 1, 2017.

Waddle Ranch Forest Management vegetation management work is being performed by Cold Creek Land Services of Sierraville using a mechanical masticater in areas on the northwestern side of the property. The District’s contract Forester, Danielle Banchio, is managing the project along with developing the scope-of-work for the next treatment area with bidding planned for August 2017.

In 2012 The Martis Creek Watershed Assessment identified legacy impacts from logging and road construction in need of correction in the Dry Lake-East Martis Creek area of Waddle Ranch. A restoration and erosion control program has been developed and will occur at multiple locations on the property. As with the Truckee Meadows Restoration Project, the funding will come from a partnership that will come from The Martis Fund, Truckee Donner Land Trust, Truckee River Watershed Council Donors and the District. The District has officially pledged support of \$100,000 that will be proposed in the “bridge budget”.

2017 Pavement Projects:

As described in the January 2017 Project Update, the District will construct two pavement projects this summer, the status of each is described below:

- Saw and Seal Supplemental Joints on Runway 11-29 (east):
 - FAA Grant application (\$231,690) pending;
 - Contract award to Q&D Construction, Inc. with low bid of \$218,433 pending receipt of Grant;
 - Project could start as early as July 10th, but more likely in mid- to late- August
- Reconstruct Hangar Taxilanes CD and DE
 - Contract award to Qualcon with low bid of \$614,520.
 - Project to start July 10th after the Air Show.