



MEETING DATE: February 25, 2015
TO: Board of Directors
FROM: Bill Quesnel PE, District Engineer
SUBJECT: Engineering Projects Update

RECOMMENDATION:

For information only, no Board action requested

DISCUSSION:

Replacement Plow Truck:

M-B Companies expects to complete fabrication of the replacement plow truck at the end of May with delivery in mid-June. Two District Employees are scheduled to visit the factory the first week of June to inspect the truck and receive operation and maintenance training.

Tahoe City Helipad:

The Tahoe Regional Planning Agency Staff has completed the land coverage verification and is waiting for the final soils report in order to complete the *Land Capability Verification* of the Community Center parcels. Once the report is complete, a staff report will be prepared and a public hearing scheduled to approve the existing conditions on the parcels and a project application can be prepared and submitted.

Obstruction Clearance:

The Runway 20 and Runway 11 instrument approaches include “circle to land” options for Runways 29 and 02. Due to minor obstacle (tree) penetrations into the 20:1 clear zones at the approach ends of Runways 29 and 02, the FAA does not allow the procedure while the aircraft is on an instrument flight rules clearance. We have located the trees (one on private property and the other on the Waddell Ranch) based on GPS coordinates provided by the FAA and are working to have the issue resolved by the first of April.

Americans with Disabilities Act Compliance:

Three buildings are slated for ADA required access improvements; Hangar 1, the Hertz Building and the Warehouse. A compliance survey of Hangar 2 was not completed as part of the *Facilities Master Plan* as its future use was potentially affected by the location of Hangar 3. The current ADA upgrade status of each facility is:

- Hangar 1: Staff had planned to have Peter Beaupre manage the construction of the interior remodel. Given his involvement in the planning, and potentially the construction management of the new office building, we will revise the drawings to provide additional detail and solicit bids from local contractors
- Hertz Building: This building will be demolished as part of construction of the new office building

- Warehouse: In order to construct additional exits on the north side of the warehouse, there is a need to protect the doors from snow sliding off the roof. We are talking to a local structural engineer about designing portable free-standing entrance structures that could be placed in front of the doors during the winter and then removed in summer.
- Hangar 2: To facilitate construction of the new office building, it is expected that Hertz will be temporarily relocated to this building. An ADA compliance survey will be scheduled as soon as possible.

Pavement Repairs:

A separate memo re: the 2015 pavement maintenance project is provided as separate agenda item.

FISCAL IMPACT:

Purchase of the plow truck was not funded by the FAA, the \$429,492 cost is included in the 2015 Capital Budget.

The 2015 Budget includes \$300,000 for the helipad project

Staff estimates a cost of \$1,000 for obstacle removal by a local tree service

Slightly less than \$100,000 is included in the 2015 Budget for ADA improvements.