

**CBAC Subcommittee:
On the Implementation of Electric Vehicle Chargers on Capitol Grounds**

Convened at 12:00 P.M. on September 27, 2013

Subcommittee Members:

Representative Randy Fischer, Chair
Marilyn Eddins, Chief Clerk of the House
Rick Lee, Capitol Complex

Subcommittee Guests:

Scott Villava, Capitol Complex
Jim Burness, National Car Charging
Tom Hunt, Colorado Energy Office
John McKay, Assistant Secretary of the Senate

Proposal

Mr. Villava presented a proposal from Alliance Electrical Solutions (Attachment A) on the implementation of an electric vehicle (EV) charging station in the Capitol Circle. The proposal is for two dual stations, which will serve up to four vehicles. In addition, a third conduit would be run to the site for the possibility of adding a third dual charger to serve up to six vehicles. The proposal identifies two locations for the EV chargers:

- the southwest side of the Capitol for a total cost of \$29,000; and
- the northwest side of the Capitol for a total cost of \$31,000.

The cost of implementation is for the electrical infrastructure inside the building and the conduits from the building to the EV stations in the circle. The conduits will be run underground. The differences in the cost estimates is based on the distance of the station in the circle from the electrical source inside the building.

Committee discussion

The committee asked questions regarding the weather conditions at the two sites. *Mr. Burness* said that EV chargers are built for all temperature ranges and weather conditions.

The committee discussed the use of between four and six parking spots in the circle to be utilized by the EV charging stations. *Ms. Eddins* said that the southwest corner has four legislator spots and numerous spots for the Office of the Governor. The northwest corner has only legislator spots.

The committee discussed working with the Office of the Governor in order to defray the cost of implementing the EV charging stations.

The committee discussed the estimated costs identified in the proposal. *Mr. Lee* said that the code review is not included in the cost for the proposal. This would add a one-time fee of between

\$5,000 to \$10,000 to the implementation. Additionally, the proposal does not include the cost of each EV charger station.

The committee discussed possible sources of funding. *Mr. Hunt* discussed competitive grants available in the state of Colorado that awards up to \$6,000 for each electrical chargingstation.

Recommendation

The sub-committee recommends that the Capitol Building Advisory Committee approve the installation of two dual EV chargers, with an option for a third, at either the southwest corner or the northwest corner of the Capitol building.

No funding sources were identified at the time the recommendation was made.