***Volunteer to present list of deliverables to full Committee: Court Rich/Autumn Johnson***

**TOPIC 1: Public and City Provided EV Charging Infrastructure**

1. Provide recommendations for the design of a Public EV Charging Program that considers:
   * EV siting criteria to help in identifying a list of recommended areas for additional charging infrastructure installations on City-managed properties—including the potential for charging infrastructure in the right-of-way/on-street.
   * alternative cost-sharing/user-fees (no cost vs paid, and other variations) for public EV charging sessions.
   * alternative funding such as advertising-funded charging stations to assist in offsetting the costs of EV charger installations.
   * other charging considerations recommendations such as streetlight right-of-way charging, vehicle to grid, equity issues, and support for nearby multi-family residents.
   * optimization for the grid considering time-of-use loads and demand charges considering use cases for Level 1 EV charging infrastructure.
   * collaborative multi-city EV charger buy programs across US and/or Valley to lower up front equipment cost.
   * local utility coordination and collaboration on EV charger installs to assist with utility goals and leverage economies of scale.

Staff Presentation Requests:

* Office of Sustainability: Provide an overview of EV charging infrastructure service providers to review business models, advertising opportunities (EVGo, Greenlots, Electrify America, Chargepoint, Blink, SemaConnect, Flo, etc.)
* Office of Sustainability: Provide an overview of other cities case studies and EV deployment strategies.
* Office of Sustainability: Provide an overview of federal funding and local utility rebate programs available for EV infrastructure installations.

**TOPIC 2: Workplace and Business Charging Infrastructure**

1. Produce a recommendation for potential incentives and requirements for EV Ready Building Codes or zoning ordinances. Also consider:
   * recommendations to businesses on the cost and design of EV charger installs.
   * streamlining or expedited permitting to use as an incentive.
2. Provide recommendations that will strongly encourage daytime/workplace charging hosted by existing employers including:
   * a strategy on how to coordinate education and outreach efforts to small, medium, large scale businesses (funding, benefits, incentives); including leveraging commercial property owners/management companies to reach multiple businesses.
   * a value proposition to include daytime/off peak incentives for promoting daytime/workplace charging highlighting benefits such as the lower carbon intensity of daytime electricity, lower cost of daytime energy, reduction of range anxiety, and mitigation of “duck curve” impacts by shifting loads from the early evening to the daytime.
   * types of incentives that would influence businesses.
   * coordination with businesses to provide additional charging along transit corridors and city and/or federal funding incentives.
   * Shovel-ready ideas if funding available through infrastructure bill.

Staff Presentation Requests:

* Office of Sustainability: Provide an overview of other cities goals and innovative approaches taken for business and workplace EV charging (ex: Local First Arizona is looking at ways to implement charging/mobility hubs with local businesses).
* Planning & Development: Provide an overview of the coordination and outreach efforts required for proposing new building code and/or zoning amendments.

**TOPIC 3: *Home Charging Infrastructure***

1. Produce a recommendation for potential incentives and requirements for EV Ready Building Codes or zoning ordinances including:
   * streamlining the EV charger permitting process for new construction, retrofit and major upgrades of multi-family, single-family, and commercial properties.
   * opportunities/incentives to developers and builders to provide for future proofing.
   * an education and outreach program for residential builders, developers highlighting the benefits of EV charging and funding sources.
   * a list of building and development stakeholders (home builders, multi-family and commercial developers) to use in communicating and coordinating with to gain their support and gather input regarding best practices for EV charging implementations.
   * funding strategies for EV Ready Building Codes and zoning ordinances to be used to help incentivize building communities and reduce barriers to MF residents.
2. Identify the content for a clearinghouse/central data/information source for multi-family installation that could provide information on how to find right product for their property and financing options.

Staff Presentation Requests:

* Office of Sustainability: Overview of what other cities are implementing in regards to EV Building Codes and/or Zoning Amendments.