



Transportation Advisory Committee Meeting

September 15, 2021

OMEGA Zoom Meeting

Meeting was called to order at 10:00 a.m. by Chairman Mr. Max Crown. Mr. Crown asked attendees to introduce themselves.

Mr. Tom Konst motioned to approve the minutes. Mr. Brian Wise, P.E., P.S. seconded the motion. Motion passed.

Mr. Kevin Buettner provided an OMEGA staffing update and will be interviewing for Megan Carmel's position later this month. Megan is now the statewide trail coordinator for the Ohio Department of Natural Resources (ODNR). Josh Sliker will be starting as an intern on September 17, 2021. Mr. Buettner then introduced GPD Group (Tony Burgoyne, P.E., Brian Peterson, P.E., and Scott Jaffee, P.E.) to discuss Electric Vehicle (EV) Charging Stations.

GPD provided an overview of potential green charging station design as well as an update on the State of the EV Environment, 28% of greenhouse gas emissions are from transportation. They also provided an overview of federal and state initiatives and hindrance to EV is charging infrastructure and range. Charging station required every 50 miles to be designated as alternative fuel corridor. I-70 east of Zanesville and I-77 south of Canton are pending corridors. Workforce development also key such as training for mechanics and active transportation to include e-bikes. Safety is priority. Also provided an overview of the Smart Columbus initiative. Level 1, Level 2, and Direct Current Fast Charging (DCFC) charges were defined. DCFC, 25 minutes charge time for 200 miles. Level 2: \$15,000 to \$30,000 per post; DCFC: \$80,000 to \$130,000 per stall. Private companies teaming with gas stations such as Sheetz and Tesla, more difficult on public side. Cars and EV stations evolving to reduce charge time. Range anxiety is concern for consumer acceptance. \$1,200 to \$1,500 for home unit similar to drier connections able to charge car in full overnight. Overview of charging station provided. A copy of the presentation will be provided to TAC members. Provided map of Level 2 and DCFC charging stations may want to consider state parks, community colleges, MWCD lakes, etc. for EV charging districts and other siting criteria, three phase required for DCFC, higher utility costs at DCFC. Level 2 may be appropriate at parks. Also reviewed EV Site Development Process: consider incorporation of EV sites in

road projects, broadband availability also needed. Making sites EV ready and policies, zoning and parking codes, standards, and permitting considerations were reviewed.

Funding and rebates: US Infrastructure Bill \$7.5 Billion for EVs, US DOE, Utility programs, Private grant programs, ARC (workforce development and area development); customize branding. Also discussed ownership, maintenance, operations, regulations, and billings. Provided overview of fleet conversion and construction considerations, signage, and routing.

Mr. Buettner thanked GPD for the presentation.

Mr. Buettner provided updates on the RTP Allocation Update, working with OVRDC, Buckeye Hills and will have draft for Working Group by end of September for approval at TAC meeting in November and will solicit projects in January.

Mr. Buettner also provided a summary of the major work elements completed in FY 2021 such as Tri-County Active Transportation Plan, Regional Local Road Safety Plan, two SRTS Travel Plans completed, and grants approved for Carrollton and Newcomerstown. Carrollton also received TAP and safety funds to complete sidewalk from Village to school. Also, the Mid-Ohio Valley Statistical Port Designation approved.

Mr. Buettner provided a list of townships that have requested assistance with Township Stimulus Program and if any townships are interested have them contact him.

Abbreviated safety applications have been completed and submitted as a result of the OMEGA Regional Road Safety Plan.

Mr. Buettner also provided an overview of project needs that have been submitted to OMEGA. Mr. Buettner reviewed upcoming meetings and grant announcements.

Meeting adjourned at 11:37 a.m. Next meeting is on November 17, 2021, at 10:00 a.m. and may be in person or a hybrid meeting.