

## **TRANSPORTATION PLANNING PROGRESS REPORT**

**FEBRUARY 2019**

### **Short Range Planning (601)**

Staff disseminated bike maps to interested citizens.

Staff worked on the prioritization scoring process for the upcoming call for projects.

Staff attended City of Hamilton's and Butler County Metro Parks M2M field review and the City of Oxford's field review. Each project was discussed and milestones set.

Staff met with Colerain Township to discuss different funding options available.

Staff met with various trail leaders to discuss the CROWN.

Staff attended the Pedestrian Road Safety Audit with ODOT for US Route 42.

### **Transportation Improvement Program (602)**

During February, staff monitored and updated highway and transit information contained in the FY 2018–2021 TIP. TIP Administrative Modification #15, and TIP Amendments #14A&B were presented to the ICC on February 12th and to the OKI Executive Committee on February 14th. Development of the draft FY2020-2023 TIP is underway and the ICC reviewed a draft project list. A TIP Amendment and TIP Administrative Modification were prepared for the March ICC and Executive Committee meetings.

### **Surveillance (605.1)**

Staff continued to update the 2015 highway and transit network to generate the E+C network for the ABM.

Staff continued to compile and input the 2018 traffic counts collected by DLZ into the traffic count database.

Staff set up a dedicated virtual server to house the radar data processing software. Installed software on the server, registered the radar units, and began downloading data from the working units. Staff prepared a list of maintenance items on the non-working units for inspection by our maintenance contractor, TEC.

Staff developed a schedule and began pulling permits for conducting turning movement counts with the MioVision cameras.

Staff continued to run the ABM with 2015 base and future year data and perform alternative and scenario tests.

Staff ran the activity-based model with the E+C input.

Staff continued to collect and compile the traffic counts, transit ridership, and Streetlight OD and travel time data to validate the 2015 base ABM.

Staff continued to develop an offline database to perform traffic count data mining/clearing and quality control.

Staff continued the quality control process on transit methods in the activity-based model.

Staff developed traffic growth forecasts for:

- (a) Traffic on Central Ave from SR 4 to SR 122, on SR 4 from Retnartz Blvd to Yankee Rd, and on SR 122 from Retnartz Blvd to 14th AVE. (for City of Middletown)
- (b) Traffic on Mason Morrow Millgrove Road from US 42 to Columbia Road, and on Bethany Road from US 42 to Mason Morrow Millgrove Road. (for Mead & Hunt)
- (c) Traffic on Clough Pike from SR 32 to Newtown Road. (for Herbert, Rowland & Grubic, INC)
- (d) Traffic on Mason Morrow Millgrove Road from Columbia Road to SR 48. (for Carpenter Marty Transportation)

Staff continued to research socioeconomic data and began development of 2030 and 2040 intermediate year demographic projections, including employment projections for all counties in the OKI region.

Staff is working with the Census Bureau to assist with the administration of the Participant Statistical Areas Program (PSAP) to refine the definitions for statistical boundaries for the 2020 Census and the next decade of American Community Surveys.

Staff provided assistance to local jurisdictions through the compilation and analysis of Census data.

Staff updated all agency users to ArcGIS Pro 2.3.

Staff continued the 2018 update of street centerline data from county GIS databases.

Staff updated the National Register of Historic Places layer.

Staff updated the percent slope layer for Butler County, OH.

Staff finalized an agreement with GenScape regarding AIS data sharing opportunities for the Greater Cincinnati Region.

Staff continued development of a Commuter Analyst application for reporting commute route performance measures.

Staff continued development of a travel time reliability application.

Staff continued updating data layers within the Environmental Resources Viewer.

Staff completed transit-sheds for the job hubs initiative.

Staff developed an application for the job hubs initiative. The application (<https://jobhubs.oki.org/>) allows the end user to visualize travel times to the areas of highest concentration of economic activity in our region via roadway or transit.

#### **Transportation & Homeland Security (605.5)**

No activity this period.

#### **Transportation & Homeland Security (605.6)**

No activity this period.

## **Long Range Planning: System Management (610.1)**

Transportation Plan: Staff continues researching the potential for scenario planning for the next metropolitan transportation plan update. The process to evaluate objective measures continued. Timeline is under development for 2050 Plan activities.

Coordination and Staff Development: Clermont County TID (2/15), OARC Transportation Directors (2/22), OKI Planning lecture at UC (2/26).

Congestion Management Process and Performance Measurement: Staff continued coordinating with State DOTs on system performance reporting and TSMO, related to the performance measures program. Staff continued processing federal travel time and speed data for the purposes of the travel time reliability metric. Under the recommendations of the ICC technical committee, the board approved the 2018 safety performance measure targets.

ITS Architecture: no activity this period.

Project development activities for future corridor or special studies: Staff continues to coordinate with TANK, SORTA, and other stakeholders to investigate transit improvements in the region. No activity this period related to microtransit, on-demand simulation with TANK.

Safety Planning: No activity this period.

Project Level Traffic Forecasting: Staff is actively participating in multiple studies assisting local communities and state DOT's to provide traffic forecasts for planning.

Regional Freight Transportation and Economic Development Planning: Tri-ED Transportation & Infrastructure Committee Meeting (2/1), Richwood Industrial Park Meeting (2/4), CORBA Regional Maritime Committee Meeting (2/6).

Prioritization Process Update (security): No activity this period directly related to security.

Prioritization Process Update (economic vitality): Staff continues to seek opportunities to identify objective measures to integrate into OKI Prioritization Process.

Transportation Technologies: Path Master/Econolite and UC Inquiry Discussion (2/5), OKI Technology Committee Meeting (2/7), Webinar: Smart Columbus Program's Connected Electric Autonomous Vehicle (CEAV) Project (2/20), DriveOhio First/Last Mile Working Group conference call (2/26), OKI UC Lecture: Emerging Planning Issues: AVs (2/26), USDOT Talking Technology and Transportation in Education (T3e) Webinar: The Road to Autonomous Vehicles (2/27).

For Environmental Consultations: staff continued refining environmental resource data. This information will be used to help identify potential mitigation sites for future transportation and development projects as well as help local conservation partners and local governments prioritize where their conservation efforts could be focused. Staff is currently working on stakeholder identification for the consultations process.

A data update methodology has been designed so that future updates to environmental resources layers can be done to facilitate ease of workflow. This methodology will be employed to update environmental resource data in preparation for the 2020 consultation process. Staff updated National Heritage, Historic Registry, Agricultural District, and Parks and Protected Areas, data based on the methodology. Staff continue to develop timeline for the next phase of environmental consultations to inform the 2020 update to the long range plan.

**Long Range Planning: Land Use (610.4):**

February 4 staff introduced and demonstrated several OKI interactive maps and data currently maintained by the agency for regional planning use for Green Umbrella staff members. The objective of the demonstration was to ensure all Green Umbrella initiatives in the region are aware of the data and analysis tools available for their use. Staff currently co-chairs the Transportation Action Team and participates on the Greenspace and Water Action Teams.

February 5 staff attended the Taking Root Board meeting. February 23 staff participating in the Annual Taking Root Great Tree Summit where over 100 attendees received updates on Taking Root’s Energy Saving Trees program; Williamsburg Village Manager presented their Tree City USA successes and future initiatives; and keynote speaker Cory Christopher, Cincinnati Nature Center discussed the critical need to engage and inform youth about invasive species and environmental stewardship.

February 7 staff facilitated a meeting with Taking Root Board members and Duke Foundation representative to provide updates and successes of the 2018 Taking Root Energy Saving Trees – a strategic tree planning energy efficiency program. Seven communities in Hamilton and Butler counties received a total of 505 trees and engaged 397 households to strategically plant energy saving trees through 2018. Taking Root will continue this program in 2019 and will be expanding into Northern Kentucky communities.

The OKI Regional Planning Forum convened February 22 to continue the Affordable Housing discussion began as a 2-part series in December. This month, speakers presented facts and local government responsibilities related to the Federal Fair Housing Act; shared information regarding the 100% Housing Initiative evaluating how to couple the 40,000+ vacant units in Hamilton County with the same number of those with critical housing needs; received updates from the Cincinnati Metropolitan Housing Authority, the Model Group, an affordable housing developer, and the Housing Opportunities of Northern Kentucky non-profit.

Solar information continued to be prepared for the upcoming Community Energy Plans being prepared for Middletown.

Staff assisted Ohio EPA staff by hosting a February 13 workshop in the OKI Board Room. Ohio EPA provided an overview of their expectations and likely requirements for EV infrastructure grants being made available to interested applicants by August 2019. 28 attendees participated in the workshop representing communities in all 4 OKI Ohio counties.

**Fiscal Impact Analysis Model (610.5):**

Sent out revised calculations for review by advisory committee.

Continued gathering data needed to support revising the model calculations and building the various regression models present in the FIAM.

**Fiscal Impact Analysis Model – Web-Based Maintenance and Startup (611.5):**

Staff monitored back-up activities which occurred as programmed.

**Transportation Services: Participation Plan (625.2):**

KYTC’s Office for Civil Rights and Small Business Development approved OKI’s updated Title VI Implementation Plan/Program. Approval valid through September 30, 2019.

Staff completed ODOT’s Title VI Compliance Questionnaire for inclusion in OKI’s State FY 2020 MPO Work Program

Staff participated in a meeting with students and an Associate Professor from the OSU City and Regional Planning Student Association at The Ohio State University. They were interested in learning how varied transportation planning activities can be from one part of the state of Ohio to another part of the state.

Staff notified OKI’s DBE Certified Vendor Bid List of:

- Cincinnati Metropolitan Housing Authority (CMHA) RFQ for Transportation Services

Staff attended community council meetings in Corryville, Linwood, and Walnut Hills.

- **Corryville** – Personnel affiliated with the development of Keystone Hotel, which is the Hilton Hotels Tru brand, presented an updated concept for the hotel that addressed concerns raised by the community. The hotel will be located adjacent to the Kroger store at Euclid and William Howard Taft Road and it will feature a two-level parking garage with the hotel built on top of the garage. A representative from the Short Vine Business Associated reported that the city-owned parking lot behind Bogart’s will be redesigned and paved with a net gain of 8-10 parking spaces. Construction is anticipated to start in late spring. A community council board member reported that due to cash flow it might be up to three years before the start of construction on the Cincinnati Zoo’s parking garage.
- **Walnut Hills** – A representative from the Walnut Hills Redevelopment Foundation reported on a new transportation initiative, GIG Shuttle, that will launch February 16<sup>th</sup>. Sponsored by Zion Global Ministries, the free service will help an individual get a job (gig) and will shuttle the individual to the job and back home.

**Special Studies: Regional Clean Air Program (665.4):**

The smog alert hotline and email account was maintained by retrieving messages and responding to those inquiring about the clean air program.

**Commuter Assistance Services (667.1)**

Staff continued to process and update applications for the month of February.

One commuter used the Guaranteed Ride Home Program during the month of February.

**Vanpooling**

Staff provided van quotes for commuters interested in the vanpooling program.

## **Marketing**

Staff continued to work on the upcoming media buy.

## **JARC/New Freedom Coordinated Transportation Plan (674.1/674.2)**

The OKI 5310 Oversight Team convened February 15 to review 5310 funding applications. The Coordinated Plan was referenced as applications are scored based on how they address the Plan's gaps and advance its strategies.

Staff prepared agency profile information for the Cincinnati Association for the Blind & Visually Impaired, NKADD, and Maple Knoll Communities to be included in the Coordinated Plan enabling each eligibility for 5310 funding.

## **Section 5310 Program (674.3)**

The OKI 5310 Oversight Team convened February 15 to review 5310 funding applications and prepare funding recommendations for the OKI ICC and Executive Committee to consider in March.

In February staff reviewed 5310 applicants submitted by February 1<sup>st</sup> for 2019 funding requests and shared application submittals with the Oversight Team to review and score.

No OARC subcommittee activity. Staff did contact FTA staff to confirm traditional and non-traditional project definitions of 2019 project applications.

Staff collected 5310 vehicle monitoring forms from recipient agencies with 2018 usage information reported. The forms were completed by agencies using an online entry format and were due February 15<sup>th</sup>. Information submitted was reviewed and filed. Follow-up will occur with agencies not responding with complete information.

## **New Freedom Pass Through (674.4)**

FTA approved close-out December 2018.

## **Ohio Exclusive: Eastern Corridor Study (684.9)**

No activity this period.

## **Indiana Exclusive: Dearborn County Transportation Planning (685.1-CPG):**

Performance Measures: Functional Class, HPMS, CMP and Performance measures –Staff continued to coordinate with state DOT's and transit agencies on performance measure development.

HSIP and Safety Fund Programs: No activity this period.

3C Planning Process: Staff continues to coordinate with Dearborn County and INDOT personnel to advance the programming of Dearborn STP, HSIP, CMAQ and TA projects. Staff participated in the following meetings, activities and events: The Dearborn County Quarterly Project Review meeting on February 25<sup>th</sup> in Aurora and the Indiana MPO Council meeting on February 28<sup>th</sup> via teleconference. **Transportation Improvement Program:** The OKI Executive Committee approved TIP Amendment #14B which included one Indiana project. **Transportation Plan:** Staff continues researching the potential for scenario planning for the next metropolitan transportation plan update. The process to evaluate objective measures continued.

Timeline is under development for 2050 Plan activities. **UPWP:** Monthly progress reports were prepared for work elements in the UPWP. The Indiana Planning Roles and Responsibilities (PRRCOM) remains under development by INDOT. Draft FY20 UPWP provided to INDOT.

Air Quality: No activity this period

Development of improved scheduling and cost estimating procedures: Staff updated the five-year funding plan for OKI capital project funds for Dearborn County in September.

ADA and Ladders of Opportunity and service to local governments: No activity this period.

For Environmental Consultations, staff continued refining environmental resource data. Staff researched methodology for updating landcover and tree canopy GIS data. A data update methodology was designed so that future updates to layers can be done with more efficiently. Staff updated National Heritage, Historic Registry, and Agricultural District data based on the methodology. Staff continued to develop timeline for the next phase of environmental consultations to inform the 2020 update to the long range plan.

**Indiana Exclusive: Dearborn Co. (STP 685.2)**

Travel Model, Data, GIS & Homeland Security: Staff continues developing and testing a beta activity-based travel model (ABM).

Participation Plan: Staff remains active in disseminating information about regional transportation projects and DBE opportunities. Title VI Plan refinements were completed.

Fiscal Impact Model: No activity this period.

**Kentucky Exclusive: Transportation Planning Activities (686.3)**

Staff review of Kentucky projects and their relationship to the SHIFT 2020 program was completed. Preparations for the review with communities are underway. Meeting is scheduled for March 6.

**Unified Planning Work Program (695)**

Planning MOA's between OKI and KYTC and ODOT are complete.

Monthly progress reports were prepared for work elements in the Unified Planning Work Program (ongoing).

FY2020 Unified Planning Work Program – first draft of the program elements is complete.

**Transportation Program Reporting (697.1)**

No activity this period.

**Mobile Source Emissions Planning (720.1)**

Staff downloaded and began using the latest MOVES emissions software.