

Meeting Notes

Air Quality Subcommittee (AQS)

August 30th, 2018

Attendees

Gregory Becoat, EPA (teleconference)
Kevin Black, FHWA (teleconference)
Alex Brun, MDE (teleconference)
Lauren DeVore, DNREC (teleconference)
Lindsay Donnellon, FHWA (teleconference)
Heather Dunigan, WILMAPCO
Jay Gerner, DelDOT (teleconference)
Jacob Guise, WILMAPCO
Jolyon Shelton, DNREC (teleconference)
Cathy Smith, DTC (teleconference)
Bill Swiatek, WILMAPCO
Tigist Zegeye, WILMAPCO

WILMAPCO's Baseline CMAQ Performance Plan Timeline – Bill Swiatek

- Mr. Swiatek reviewed that the purpose of the special meeting was to discuss the way WILMAPCO staff attempted to set some performance targets for Congestion Mitigation and Air Quality (CMAQ) mobile source emissions in Cecil County.
- Mr. Swiatek reminded everybody about the disagreement between WILMAPCO staff and MDOT with how MDOT was setting the targets for the Cecil County. Therefore, WILMAPCO staff set their own targets using a different methodology.
- There is a conference call scheduled between WILMAPCO and MDOT on September 5th, 2018 as MDOT representatives could not attend today.
- Mr. Swiatek asked if anybody had any questions about the timeline; no one did.

Revised Draft of CMAQ Performance Plan – Bill Swiatek

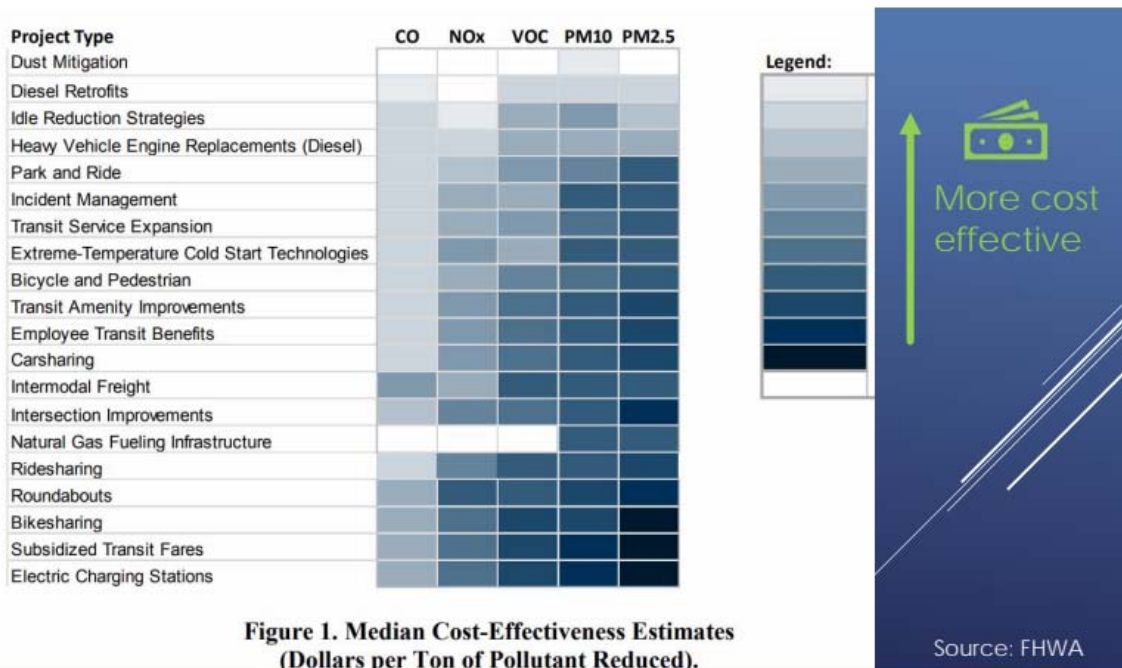
- Mr. Swiatek discussed the updated draft of the Performance Plan. In relation to the previous version, some of the verbiage changed while the original data remained the same.
- Mr. Swiatek mentioned that WILMAPCO staff is waiting on Mike DuRoss to compile numbers pertaining to New Castle County's particulate matter (PM2.5) emission and target as well as a baseline figure.
- Mr. Swiatek asked the group if they had any questions about the revised draft. No one did.

- Ms. Zegeye asked Ms. Donnellon and Mr. Black if WILMAPCO staff must submit the performance plan to both Departments of Transportation (DOTs) or just one. Ms. Donnellon did not have an official answer, but she believes it can be sent to both DOTs.

Cecil County CMAQ On-Road Mobile Source Emissions Presentation – Bill Swiatek

http://www.wilmapco.org/Aq/files/2018/other/CMAQ_CecilCo_8.30.18.pdf

- Mr. Swiatek gave a summary of what the presentation was going to be about, stating: “WILMAPCO is trying to set some targets for the CMAQ mobile source emissions for Cecil County”. The performance plan includes the targets for peak hour excessive delay, non-State Occupancy Vehicle (SOV) trip, and the CMAQ mobile source emission targets.
- Mr. Swiatek discussed how MDOT and WILMAPCO set their mobile source emission targets. Mr. Swiatek said that MDOT’s targets were set based on historical projects (all roundabouts) in Cecil County and funded by CMAQ. WILMAPCO staff was unaware of this process, and, after discussing with MDOT, believes that roundabouts are not the best projects to fund with CMAQ money moving forward. MDOT agrees, but nevertheless believes that the historical projects should still be used to set the targets.
- Mr. Swiatek said that WILMAPCO staff wants to set targets on Cecil County based on unfunded Ped/Bike projects. WILMAPCO shows how Ped/Bike projects are more cost/beneficial than roundabouts in the chart below:

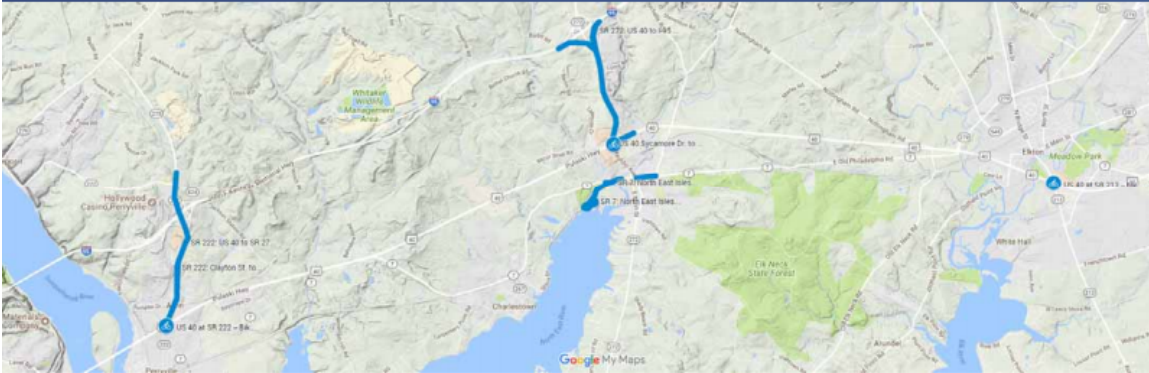


- While looking at the cost benefits emission vs cost, roundabouts are towards the bottom of the chart whereas Bike/Ped projects are in the middle.

- Next Mr. Swiatek showed ten unfunded pedestrian and bike projects; which can be seen below.

UNFUNDED PEDESTRIAN AND BICYCLE PROJECTS

- ▶ County and town priority letters
- ▶ 10 projects
- ▶ Base targets off these projects



- WILMAPCO staff proposes to base their targets off these specific Ped/Bike projects.
- Mr. Swiatek discussed the use of developing their targets based off a model borrowed from the Atlanta Regional Commission. WILMAPCO staff ran the ten projects through the model to determine the 2018 target (base year) and the 2020 target (2-year target). With the use of these two targets, they were able to find the 2022 target using extrapolation. 4-year targets were determined to be the sum of the 2020 results and 2022 results. The targets, along with the MDOT reference targets, can be found below.

2-year Targets (kg/day)			
	VOC	NOx	PM2.5
WILMAPCO	0.04	0.09	0.01
MDOT	0.04	0.1	0.05
4-year Targets (kg/day)			
	VOC	NOx	PM2.5
WILMAPCO	0.06	0.13	0.01
MDOT	0.07	0.18	0.09

-

- WILMAPCO staff put together graphs for each emission with the ten projects and MDOT's targets.
- Mr. Swiatek asked if there were any questions or concerns about the methodology. There was none from the group, or further discussion about the presentation.
- Ms. Zegeye asked if WILMAPCO had to show PM2.5 emissions and a target for Cecil County since it is in attainment for PM2.5. Representatives from EPA and FHWA will investigate it and get back to WILMAPCO.

Other Business

- No other business was discussed.