Welcome!

- We’ll start as close to 2 PM as possible.
- Everyone is joining as an “attendee” in Zoom’s webinar format.
- As we go, please type your questions into the Q&A tool.
- Type in the chat box when we ask poll/survey questions.
- Please note that this session is being recorded so that we can post a version of the presentation on the project webpage.
Downingtown Area Transportation Study
Agenda

- Introduction (Alison Hastings, DVRPC)
- Welcome from Chester County (Commissioner Josh Maxwell)
- Overview of 2-year mobility study (Sarah Moran, DVRPC)
- End of Year One – Existing Conditions (Camden Palvino, DVRPC)
- Remaining Question & Answers
- Thanks & Next Steps (Sarah Moran, DVRPC)
Introduction & Ground Rules

• Purposes of this meeting:
  • Get feedback from community members early in the planning process
  • Please enter questions in the Q&A tool as we move through the presentations; we’ll pause at various parts to answer questions
  • Use the chat box for comments or to respond to different questions we may ask
  • Organizers will not address off-topic questions and comments and may combine similar questions
  • Organizers reserve the right to ignore and strike from the materials offensive or inappropriate questions and comments
  • Organizers may remove an attendee if being disruptive, antagonistic, or threatening

Poll #1
Welcome - Chester County Commissioner Josh Maxwell
Study Purpose

• Quantify traffic impact of transportation projects and developments in the Downingtown area.
• Develop strategies to manage congestion and increase mobility at study intersections and throughout the project study area.
• Provide a platform for the public to have a role in shaping these strategies and the future transportation outlook in the study area.
Project Overview

US 322, West Bradford Township
The DVRPC

- Metropolitan Planning Organization (MPO)
- 9 counties
- 2 states
- 5.7 million people
- 7th largest metro area population in the nation
- 350+ municipalities
- TIP, LRP, and Work Program activities
Project Team

Chester County Planning Commission (CCPC)
- Brian Styche, Environment and Infrastructure Director
- Brian Donovan, Transportation Planner

Delaware Valley Regional Planning Commission (DVRPC)
- Sarah Moran, Manager, Mobility Analysis and Design
- Camden Palvino, Transportation Engineer
- Aaron Fraint, Senior Transportation Planner
- Sean Lawrence, Senior GIS Analyst
- Reuben MacMartin, Transportation Planner
- Kelsey McElduff, Transportation Engineer
Stakeholders

• Downingtown Borough
• East Brandywine Township
• Caln Township
• West Bradford Township
• East Bradford Township
• West Whiteland Township
• Uwchlan Township
• East Caln Township

• PennDOT 6-0 and US 30 ITS Project Consultants
• PennDOT Central Office
• SEPTA, Strategic Planning and Service Planning
• TMACC
• Krapf Bus
Study Goal and Objectives

**Goal**
This study is intended to provide analysis to support further study, capital project development, and funding.

**Objectives**
- Identify and quantify areas of existing and future transportation bottlenecks within the Downingtown area of southwest Chester County;
- Quantify the impact of new development on traffic circulation and mobility;
- Develop the analytical basis for improvements needed to establish a modern transportation system.
Purpose of Meeting

• Introduce goals and area of study
• Summarize year 1 work
• Receive public feedback on priorities for mobility in and around the study area
Study Area and Existing Conditions

Kerr Park, Downingtown Borough
AM Travel Time Index

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**Travel Time Index (TTI)**
Weekdays 6-10 AM

- 0.00 - 0.99 (free flow)
- 1.00 - 1.19 (near free flow)
- 1.20 - 1.50 (busy as expected at peak hour)
- 1.51 - 7.39 (seriously congested)
Planned Transportation Projects
Transit
AM Travel to/from Downingtown Station
AM Travel to/from New Station Location
Land Developments January 2016–May 2019
(at least 50 units and/or 50,000 SQ FT)
Highlight of Area Projects

- **27** known large land development projects
- **6** bridges identified for repair
- **2** planned transit projects
  - Downingtown Train Station relocation
  - Extension of SEPTA Paoli-Thorndale line to Coatesville
- **1** roadway rehabilitation project
  - US 30 Bypass ITS Project
Roadway Functional Class
Polls #4 and 5
Traffic Modeling Scenarios

<table>
<thead>
<tr>
<th>Scenario (Model Year)</th>
<th>Model Component</th>
<th>Fall 2019 traffic counts</th>
<th>Development traffic growth/decline</th>
<th>Programmed transportation projects</th>
<th>Downingtown station move and Coatesville extension</th>
<th>Recommended improvements at study intersections</th>
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<td>Existing (2019)</td>
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<td>No Build (2035)</td>
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<tr>
<td>Build (2035)</td>
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<tr>
<td>Build + Improvements (2035)</td>
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Next Steps

- Develop traffic models for four scenarios
- Qualitative recommendations throughout study area
- Present model results and recommendations in second set of public meetings in **Spring 2021**

Poll #6
Thank you.

Camden Palvino
Transportation Engineer
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