



ONWARD2050

Adams County Long Range Transportation Plan

Tell us what you think! The Adams County Transportation Planning Organization is currently updating the Long Range Transportation Plan, entitled **ONWARD2050**. Please take a moment to complete the survey below. Your feedback will help identify and prioritize transportation system projects in Adams County!

Ranking Priorities: In this section, three scenarios have been identified - repair existing system, expand transportation system, and modernize transportation system. Each scenario includes elements of the transportation system that can be improved. Let us know your priorities within each scenario!

REPAIR EXISTING SYSTEM: In this scenario, funding allocated for the transportation system is used to repair the existing transportation infrastructure in the county.

1. Please rank the following priorities within the “REPAIR EXISTING SYSTEM” scenario in order of preference (1 = highest priority, 5 = lowest priority). Only use a number ONCE.

- ___ Bridges
- ___ Pavement
- ___ Safety: Repair existing safety measures (ex. Repaint pavement markings, etc.)
- ___ Signals
- ___ Signs

2. When prioritizing PAVEMENT maintenance projects on state-owned roads and local federal-aid roads in Adams County, in what order should the following road characteristics be considered (1 = most consideration, 5 = least consideration). Only use a number ONCE.

- ___ **Functional Classification:** The functional classification of a road is based on the role it plays in the overall road network. Some examples of functional classifications include “freeway” (ex. US Route 15), “other principal arterial” (ex. US Route 30), “major collector” (ex. PA Route 34/Biglerville Rd), and “state owned local road” (ex. Hoffman Home Rd).
- ___ **International Roughness Index (IRI):** A method used to measure pavement smoothness. It is an expression of the rideability of the roadway, as is experienced by vehicle passengers. A higher IRI value indicates a rougher road surface.
- ___ **Lowest Life-Cycle Cost (LLCC):** A process designed to maximize the life of an asset (pavement, bridges, etc.) at the lowest cost through a risk-based prioritization of preservation, rehabilitation, and reconstruction. It promotes the right treatment at the right time.
- ___ **Traffic Volume:** Roads with the highest traffic volumes are repaired first.
- ___ **Worst-First:** Focusing on and prioritizing projects for assets in “poor” condition without consideration of remaining life.

3. When prioritizing BRIDGE maintenance projects on state-owned bridges and local bridges over 20 feet long in Adams County, in what order should the following bridge characteristics be considered? (1 = most consideration, 6 = least consideration). Only use a number ONCE.

- ___ **Functional Classification:** Bridges on roads with the highest functional classification should be repaired first. The functional classification of a road is based on the role it plays in the overall road network. Some examples of functional classifications include “freeway” (ex. US Route 15), “other principal arterial” (ex. US Route 30), “major collector” (ex. PA Route 34/Biglerville Rd), and “state owned local road” (ex. Hoffman Home Rd).
- ___ **Lowest Life-Cycle Cost (LLCC):** A process designed to maximize the life of an asset (pavement, bridges, etc.) at the lowest cost through a risk-based prioritization of preservation, rehabilitation, and reconstruction. It promotes the right treatment at the right time.
- ___ **Posted/Restricted Status:** Bridges that have restrictions, such as weight limits, are repaired first.
- ___ **Size:** Bridges with the largest deck or surface area are repaired first.
- ___ **Traffic Volume:** Bridges with the highest traffic volumes are repaired first.
- ___ **Worst-First:** Focusing on and prioritizing projects for assets in “poor” condition without consideration of remaining life.

EXPAND TRANSPORTATION SYSTEM: In this scenario, funding allocated for transportation is used to add additional services, facilities, and infrastructure to the transportation system in the county.

4. Please rank the following priorities within the “EXPAND TRANSPORTATION SYSTEM” scenario in order of preference (1 = highest priority, 4 = lowest priority). Only use a number ONCE.

- ___ Bicycle and Pedestrian Facilities
- ___ Connectivity
- ___ Transit Service
- ___ Safety: Adding safety measures at locations where they don’t currently exist

5. Rank the following types of PUBLIC TRANSPORTATION in order of preference (1 = most preferred, 5 = being least preferred). Only use a number ONCE.

- ___ **Commuter Express:** A pre-determined transit route that operates along a major corridor connecting commuters to employment and commercial centers, often during peak (“rush hour”) times.
- ___ **Fixed-Route:** Transit that operates a predetermined route, with designated stops, according to a predetermined schedule.
- ___ **Shared Ride (Paratransit):** A demand-response service that provides trips between a rider’s origin and destination that are not well served by scheduled route bus service. Trips must be scheduled in advance and the service operates during limited hours.
- ___ **Microtransit:** An on-demand service that provides trips between a rider’s origin and destination, often within a pre-determined “zone”. Often provides a connector for fixed-route services.
- ___ **Car Sharing:** A type of short-term car rental where you only pay for what you use, resulting in access to vehicles without the cost of car ownership.

6. Please rank the following types of ACTIVE TRANSPORTATION projects in order of preference (1 = most preferred, 3 = being least preferred). Only use a number ONCE.

- ___ Off-road trails for biking and walking that connect key destinations like schools, parks, and town centers.
- ___ Bike lanes and other bike infrastructure to facilitate biking on busier town streets.
- ___ Additional or improved sidewalks to make streets more walkable.

MODERNIZE TRANSPORTATION NETWORK: In this scenario, funding allocated for the transportation system is used to implement new technology for adapting to emerging trends and future needs.

7. Please rank the following priorities within the “MODERNIZE TRANSPORTATION SYSTEM” scenario in order of preference (1 = highest priority, 6 = lowest priority). Only use a number ONCE.

- ___ **Alternative Fuels Infrastructure:** Install alternative fueling stations to accommodate an emerging fleet of alternative fuels vehicles.
- ___ **Connected and Autonomous Vehicles:** Implement the communication network and infrastructure that support the operation of connected and autonomous vehicles.
- ___ **Freight:** Utilize data software to increase the efficiency of freight movement
- ___ **Intelligent Transportation Systems (ITS):** Implement devices that integrate technology and communications into the transportation network to increase mobility, safety, operational efficiency, and driver awareness. (ex. electronic message sign alerting travels to congestion, travel times, incidents, etc.)
- ___ **Ride-hailing:** Promote and support ride-hailing, an arrangement in which a passenger travels in a private vehicle driven by its owner, free or for a fee, especially as arranged by means of a website or mobile app.
- ___ **Safety:** Update existing safety measures using new technologies and modern design and engineering techniques.

(survey continues on next page)

8. The figure below shows the five levels of automated vehicles (also called self-driving vehicles). How comfortable are you traveling on roads in Adams County with different levels of automated vehicles?



Sources: Society of Automotive Engineers (SAE); National Highway and Traffic Safety Administration (NHTSA).
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No Automation

Level 0: ___ Not comfortable ___ Somewhat Comfortable ___ Comfortable

Driver Assistance

Level 1: ___ Not comfortable ___ Somewhat Comfortable ___ Comfortable

Partial Automation

Level 2: ___ Not comfortable ___ Somewhat Comfortable ___ Comfortable

Conditional Automation

Level 3: ___ Not comfortable ___ Somewhat Comfortable ___ Comfortable

High Automation

Level 4: ___ Not comfortable ___ Somewhat Comfortable ___ Comfortable

Full Automation

Level 5: ___ Not comfortable ___ Somewhat Comfortable ___ Comfortable

9. Several ALTERNATIVE FUEL types are currently in use, or being developed for use, in alternative fuel vehicles. Please rank the following alternative fuel types in order of preference (1 = most preferred, 6 = least preferred). Only use a number ONCE.

- Biodiesel
- Electricity
- Ethanol
- Hydrogen/Fuel Cell
- Natural Gas
- Propane

10. How would you prioritize the SCENARIOS overall? Please rank the following in order of preference. (1 = most preferred, 3 = least preferred). Only use a number ONCE.

- Expand Transportation System
- Modernize Transportation System
- Repair Existing System

Additional Questions: By completing this section of the survey, you will provide additional information that will help improve Adams County's transportation network.

11. How should ACTPO prioritize future investment to address the following CRASH CAUSES? Rank the following in order of priority (1 = highest priority, 6 = lowest priority). Only use a number ONCE.

- Driver-error: Examples include distracted driving, DUI, tailgating, etc.
- Obstacle in roadway: Includes an animal or any other unexpected object in the roadway
- Occurring at dawn/dusk
- Occurring at night
- Speeding
- Weather-Related

12. How should ACTPO prioritize future investment to address crashes involving the following types of TRANSPORTATION MODES? Rank the following in order of priority (1 = highest priority, 4 = lowest priority). Only use a number ONCE.

- Bicycle/Scooter
- Motorcycle
- Pedestrian/Wheelchair
- Vehicle Only

13. The AVAILABLE FUNDING for maintaining the transportation system is not keeping pace with the cost of maintaining the transportation system, so PennDOT is exploring alternatives for long-term funding solutions. Rank the following potential transportation FUNDING OPTIONS in order of preference (1 = most preferred and 4 = least preferred). Only use a number ONCE.

___ **Congestion Pricing:** A form of tolling where toll rates vary based on the congestion on the roadway. It is intended to encourage users to carpool or use alternative routes when traffic gets too heavy.

___ **Corridor Tolling:** Tolling interstates and expressways based on the distance traveled along that road, similar to what we currently have on the Pennsylvania Turnpike.

___ **Road User Charges / Mileage Based User Fees:** Drivers are charged a small fee for each mile they drive during the year.

___ **Fee & Tax Increase:** This would include increasing vehicle-related fees and/or increasing various taxes, with the exception of the gas tax.

14. In the past year, what modes of transportation have you used to travel in Adams County? Check all that apply

___ Drive alone

___ Carpool (2-6 people)

___ Bicycle/Scooter

___ Walk/Wheelchair

___ Public Transit

___ Vanpool (7-14 people)

___ Taxi or Ride-Hailing Service (Uber, Lyft, etc.)

(survey continues on next page)

15. How often do you walk and/or bicycle to school or work, or to run errands in Adams County?

- a. Daily
- b. Weekly
- c. Monthly
- d. A few times a year
- e. Never

If the answer is “Never” or “A few times a year” to the previous question, what are the reasons? Check all that apply

- Lack of safe pedestrian or bicycle infrastructure
- Uncomfortable with vehicle traffic on the roads
- The distance between destinations is too far
- Concerns about personal safety
- Weather
- Not interested in walking or biking
- Live in a rural or hilly area
- Disability or health impairment
- Don't know
- Other _____

16. How often do you walk and/ or bicycle for recreation, exercise, or for general well-being in Adams County?

- a. Daily
- b. Weekly
- c. Monthly
- d. A few times a year
- e. Never

If the answer is “Never” or “A few times a year” to the previous question, what are the reasons? Check all that apply

- Lack of safe pedestrian or bicycle infrastructure
- Uncomfortable with vehicle traffic on the roads
- The distance between destinations is too far
- Concerns about personal safety
- Weather
- Not interested in walking or biking
- Live in a rural or hilly area
- Disability or health impairment
- Don't know
- Other _____

17. Do you live, work, or visit Adams County?

- a. Live and work in Adams County
- b. Live in Adams County, work outside the County
- c. Work in Adams County, live outside the County
- d. Visitor of Adams County

18. If you live in Adams County, what school district do you reside in?

- a. Bermudian Springs
- b. Conewago Valley
- c. Fairfield
- d. Gettysburg
- e. Littlestown
- f. Upper Adams
- g. Don't Know

19. Are there any other comments you would like to provide about the transportation system in Adams County?