

Phase 2 – Preferred Alternative

VA 41 (Franklin Turnpike) & Orphanage Road – Traffic Signal with Turn Lanes and Pedestrian Features



Project Description

The improvements proposed at this location include:

- 1) **Traffic Signal**
- 2) **Widen Southbound Approach for Right Turn Lane**
 - Widen southbound approach of Franklin Turnpike to 1 left turn lane, 2 through lanes, and 1 right turn lane.
- 3) **Widen Eastbound and Westbound Approaches**
 - Widen eastbound and westbound approaches to 1 left turn lane and 1 shared through/right turn lane.
- 4) **Pedestrian Signals, Crosswalks, and Curb Ramps**
 - New pedestrian signals, crosswalks, and curb ramps on all four approaches of the intersection.
- 5) **Raised Median along Franklin Turnpike**
 - Raised median extending north from the left turn lane.
- 6) **Shared Use Path along Franklin Turnpike**
 - 10-foot shared use path along the west side of Franklin Turnpike. The path would replace the existing sidewalk.

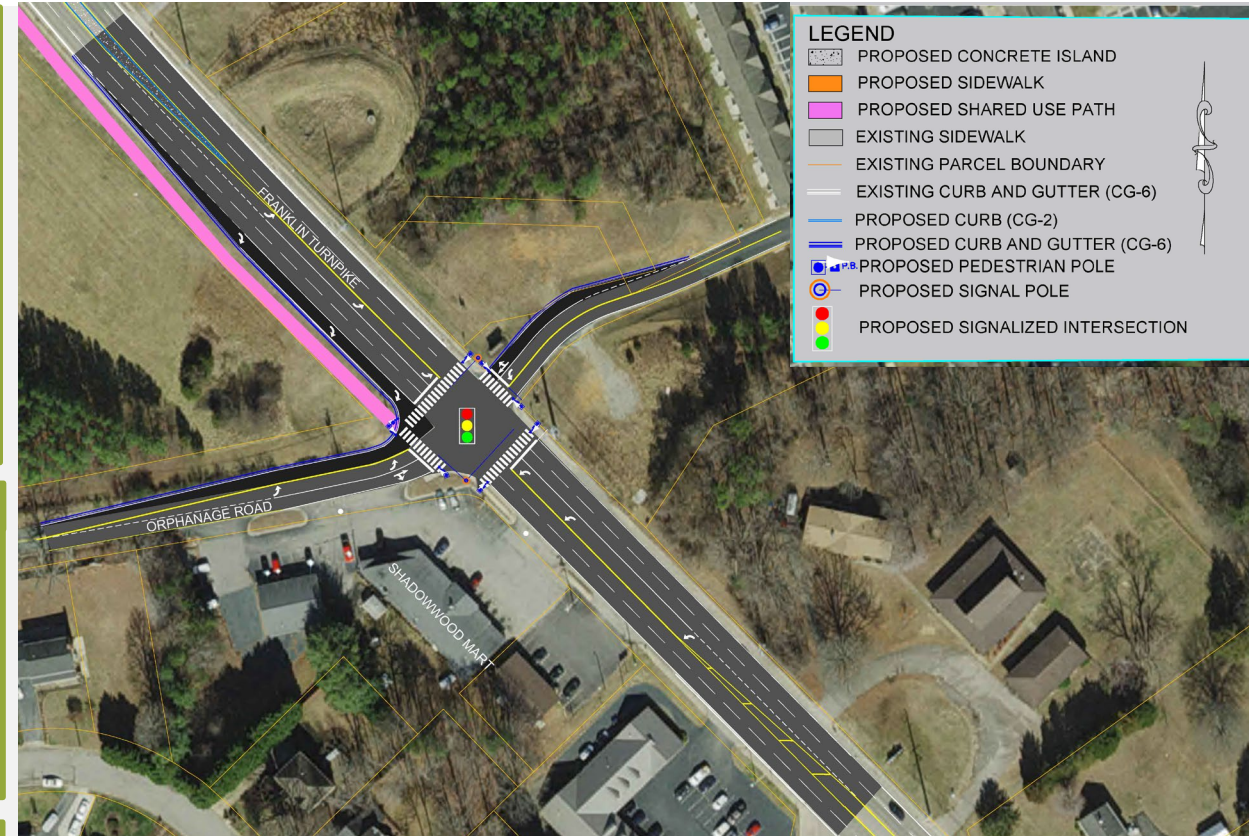
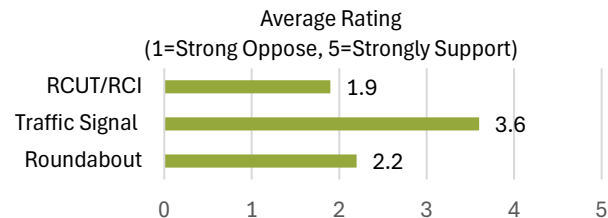
Project Needs

The preferred alternative addresses VTrans needs relating to congestion mitigation, bicycle access, pedestrian access, safety, and pedestrian safety.

VTrans Identified Need	Priority	VTrans Identified Need	Priority
Congestion Mitigation	Low	Safety	High
Bicycle Access	Low	Pedestrian Safety	Low
Pedestrian Access	Low		

PublicInput Survey Summary

- The PublicInput survey ran between March 18, 2024 and April 1, 2024.
- 1,462 participants and 327,434 comments.
- Participants ranked the Traffic Signal the most favorable among the concepts.
- The Preferred Alternative is the Traffic Signal.



Project Benefits

The preferred alternative provides the following benefits:

- Reduced fatal and injury crashes along Franklin Turnpike at Orphanage Road.
- Reduced congestion and queueing on Orphanage Road.
- Improved safety for pedestrians across Franklin Turnpike connecting to existing sidewalks along Franklin Turnpike.
- Improved safety for cyclists along Franklin Turnpike.

Phase 2 – Preferred Alternative

VA 41 (Franklin Turnpike) & Oak Forest Circle/Mount Hermon Circle (north) Oval Roundabout



Project Description

The improvements proposed at this location include:

- 1) **Oval Roundabout**
 - Roundabout shaped to consolidate the two “t intersections” of Franklin Turnpike with Mount Hermon Circle and Oak Forest Circle into a single roundabout intersection.
- 2) **Pedestrian Crosswalks and Curb Ramps**
 - New pedestrian crosswalks, and curb ramps across Franklin Turnpike (north and south of the roundabout), Mount Hermon Circle, and Oak Forest Circle.
- 3) **Raised Median along Franklin Turnpike**
 - Raised median extending north and south from the roundabout.
- 4) **Shared Use Path along Franklin Turnpike**
 - 10-foot shared use path along the west side of Franklin Turnpike. The path would replace the existing sidewalk.

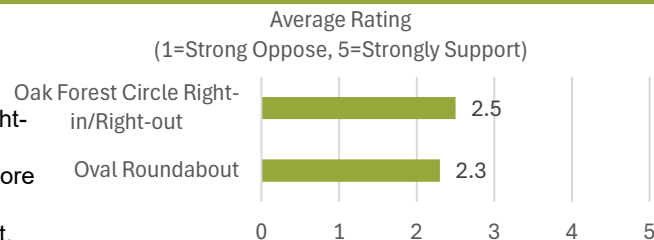
Project Needs

The preferred alternative addresses VTrans needs relating to bicycle access, pedestrian access, safety, and pedestrian safety.

VTrans Identified Need	Priority	VTrans Identified Need	Priority
Bicycle Access	Low	Safety	High
Pedestrian Access	Low	Pedestrian Safety	Low

PublicInput Survey Summary

- The PublicInput survey ran between March 18, 2024 and April 1, 2024.
- 1,462 participants and 327,434 comments.
- Participants ranked the Oval Roundabout and right-in/right-out only at Oak Forest Circle nearly the same with the Right-in/Right-out option slightly more favorable.
- The Preferred Alternative is the Oval Roundabout.



Project Benefits

The preferred alternative provides the following benefits:

- Reduced fatal and injury crashes along Franklin Turnpike at Mount Hermon Circle and Oak Forest Circle.
- Improved safety for pedestrians across Franklin Turnpike connecting to existing sidewalks along Franklin Turnpike.
- Improved safety for cyclists along Franklin Turnpike.
- Travel speed reductions on Franklin Turnpike.



Phase 2 – Preferred Alternative

VA 41 (Franklin Turnpike) Corridor-wide Median and Shared Use Path

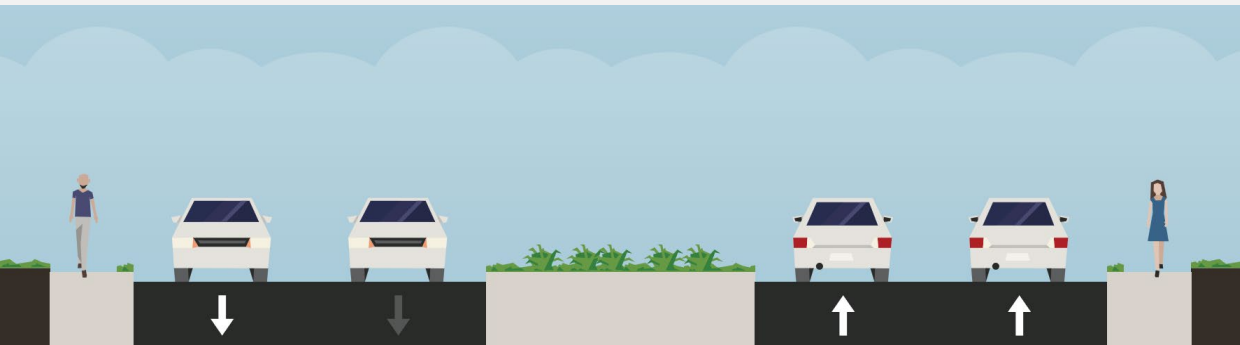
Project Description

The improvements proposed at this location include:

- 1) **Raised Grass Median**
 - Widen Franklin Turnpike to include a raised landscaped median with loons and u-turn locations provided.
- 2) **Shared Use Path along Franklin Turnpike**
 - 10-foot shared use path along the west side of Franklin Turnpike. The path would replace the existing sidewalk.

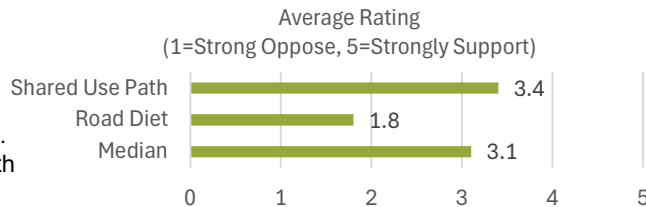
Project Benefits

- The preferred alternative provides the following benefits:
- Reduced fatal and injury crashes along Franklin Turnpike.
 - Improved safety for pedestrians along Franklin Turnpike.
 - Improved safety for cyclists along Franklin Turnpike.



PublicInput Survey Summary

- The PublicInput survey ran between March 18, 2024 and April 1, 2024.
- 1,462 participants and 327,434 comments.
- Participants ranked the Shared Use Path and Median the most favorable among the concepts.
- The Preferred Alternative is the Shared Use Path with the Median.



Project Needs

The preferred alternative addresses VTrans needs relating to bicycle access, pedestrian access, safety, and pedestrian safety.

VTrans Identified Need	Priority	VTrans Identified Need	Priority
Bicycle Access	Low	Safety	High
Pedestrian Access	Low	Pedestrian Safety	Low

