

Active Living (Non-motorized travel) Pedestrian Travel Assessment

Versailles, KY

Main Street, Frankfort Road (US-60X), Rose Hill Ave, Lexington Road (US-60 X), Broadway Street, Laval Heights, Elm Street, and Wilson Ave

Prepared for:
City of Versailles



Prepared by:



Kentucky Public Health
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Kentucky Department for Public Health
February 29, 2024**

Study Recommendations for Street Location:

Main Street:

- Install marked crosswalks along cross streets with Main Street (From Elm/Broadway to Rose Hill/Morgan)
- Work with local businesses and property owners to make sure street furniture (movable objects) allows for an unobstructed path along the sidewalks (4' minimum width)
- Trees should be trimmed to allow a 84" of height clearance per local ordinances.
- Pedestrian crossing signals and push buttons should be examined for proper operation; as some devices were seemingly not working during our study.
- Some signalized intersection locations have a very tight turning radius and the motorized travel lanes are flush with the sidewalks; creating a situation where motor vehicles travel on the edge of the sidewalks. Suggest constructing a 4" or higher curb section in these locations and possibly constructing curb extensions (bulb outs) to better accommodate safe pedestrian access.

Frankfort Street:

- Install marked crosswalks at the intersection of Main/Broadway and Frankfort with the next resurfacing schedule to the wide lines with piano keys (high viz)
- Reconstruct some small sections of existing sidewalks, as they seem to be in poor condition
- Vegetation should be cleared to create an unobstructed 4' minimum path along the sidewalk
- Install marked crosswalk along all cross streets that have legal crosswalks (sidewalks on both sides of the street) and at controlled or partially controlled intersections

Rose Hill Ave:

- Install pedestrian crossing signage (appropriate MUTCD guidance) in the intersection of Rose Hill, Park, and High; as this seems to be a high pedestrian usage area and crossing (this is not a controlled intersection)
- Active construction that impacts the existing sidewalk should follow guidance from the Office of Federal Highways (https://www.fhwa.dot.gov/indiv/docs/atssa_pedestrian_checklist.pdf)
- Install marked crosswalk and pedestrian warning signage at the intersection of Rose Hill and Tyrone Pike (US-62)
- Several sidewalk locations on Rose Hill (near Main Street) are flush with the motorized travel lanes. Suggest constructing raised curbs to better define and separate the sidewalks from the roadway

Lexington Street:

- Reconstruct some sections of the existing sidewalks, as they are old and in poor condition.
- Install pedestrian friendly storm drains at the intersection along this street

- Active construction that impacts the existing sidewalk should follow guidance from the Office of Federal Highways (https://www.fhwa.dot.gov/indiv/docs/atssa_pedestrian_checklist.pdf)
- The intersection of Lexington Street and Daisy Hill Drive may be in need of a pedestrian warning/crossing signage and or other additional safety treatments. This is considered a mid-block crossing, and can be a safety issue with pedestrians crossing at this location (straight road, no stop controls, and good sight distance creates a situation of higher motor vehicle speeds)
- Suggest working with property owners along this street to better clean gravel driveways to better accommodate safe pedestrian passage. Suggest working with the land/home owners to repave or re-construct these locations.

Broadway Street:

- Construct new sidewalks to connect to existing facilities to complete the network on the street
- Cross streets along this route (with legal crosswalks) should be marked

Laval Heights:

- Construct new sidewalks to connect to existing facilities to complete the network on the street

Elm Street:

- Construct new sidewalks to connect to existing facilities to complete the network on the street
- Suggest installing signage (“no parking on sidewalks” or “no onstreet parking”), as some areas had cars/trucks parked on the existing sidewalk. Work with local law enforcement to help educate local home owners.

Wilson Street:

- Construct new sidewalks to connect to existing facilities to complete the network on the street
- Some existing sections need maintenance/reconstruction, as they appear to be old and in poor condition. One area seemed to be negatively affected by residual debris from ponding or flowing water; this may need to be investigated further.

Lawrenceburg Road / US-62:

- Reconstruct small sections of existing sidewalks. Some sections between Wooldridge Lane and Thomas Lane are in poor condition. The sidewalks have sunken in at a few locations (with uneven sections creating a tripping hazard), and others have overgrown vegetation. This section of sidewalk also seems to be 4’ or less in width. The current suggested minimum width (KYTC design standards) is 5’. May consider re-constructing this entire section of sidewalk to be an extra-wide sidewalk (6’ or wider), or a shared use path (8’ or wider).

- Installing additional safety treatments for walk/bike crossing at the intersection of Lawrenceburg Road and Falling Springs Blvd. Existing sidewalk and shared use path converge at this unsignalized location (midblock crossing very close to future sight of the new high school). Treatments could include a flashing beacon/light activated for walk/bike crossing (MUTCD details / <https://mutcd.fhwa.dot.gov/htm/2009/part4/part4f.htm>), a raised crosswalk, install motorized vehicle yield lines with additional signage (https://mutcd.fhwa.dot.gov/htm/2009/part3/fig3b_17_longdesc.htm), or other FHWA/MUTCD recommended options (https://mutcd.fhwa.dot.gov/resources/interim_approval/ia11/informationalbrief/informationalbrief.pdf).

Montgomery Avenue:

- Recommend constructing new sidewalks for connection to Huntertown Road (at least one side of the roadway). Existing sidewalks connect Main Street to Church Street; but stop just past Church Street. The new sidewalks would ideally connecting to the existing sidewalks on Huntertown Road.

Suggest working with the Kentucky Transportation Cabinet Highway District Office 7 for improvements needed along state maintain routes/streets. In some situations, this office may be able to assist with these improvements and or encroachment permits needed for work.