



Wilson Avenue Improvements

PUBLIC MEETING

April 25, 2023

GENERAL INFORMATION SHEET

Introduction

The City of Chesterfield will be reconstructing Wilson Avenue from Wild Horse Creek Road to Walnut Hill Farm Drive and constructing a new asphalt overlay from Walnut Hill Farm Drive to approximately 1,200 feet south to tie into the City's previous culvert replacement project that was completed in December 2018. Design and right-of-way/easement acquisition are being funded by the City. The City's construction costs will be partially funded (80%) by a Surface Transportation Block Grant (STBG). The STBG is administered by East-West Gateway and the Missouri Department of Transportation.

Proposed Improvements

The present roadway configuration for Wilson Avenue is two approximately 10-foot-wide driving lanes with no shoulder. There are currently no sidewalks or pedestrian facilities located along the roadway.

The reconstructed portion of Wilson Avenue (Wild Horse Creek Road to Walnut Hill Farm Drive) will be widened to provide two 11-foot lanes with a 4-foot shoulder on both sides of the road. The additional pavement width and larger turning radii at the Wild Horse Creek Road intersection will improve sight distance and safety for motorists. The vertical curve (hill) near Wild Horse Creek Road will be lowered and the existing horizontal "S-curves" heading south will be softened as part of a roadway re-alignment. The project also includes replacement and relocation of the existing failing culvert located near the "S-curves". The culvert replacement will include partial re-alignment of the existing creek. The reconstructed asphalt roadway will include roadside ditches for stormwater drainage. An 8-foot-wide bike/pedestrian shared use path will be constructed along the eastern side of Wilson Avenue. The path will begin at Todd Evan Trail and ultimately connect back into Wilson Avenue south of Walnut Hill Farm Drive and to the sidewalk located on Baxter Crossing Lane for connectivity to the east. A portion of the shared use path will be offset from the roadway to minimize the amount of vegetation and trees that need to be removed to construct the path. The shared use path will allow cyclists to access Baxter Road via Baxter Crossing Lane and allow pedestrians and cyclists to access Central Park, Downtown Chesterfield, and the Riparian Trail which are less than one mile from this project. This project does not include a vehicular connection to Baxter Crossing Lane from Wilson Avenue. The existing asphalt pavement south of Walnut Hill Farm Drive will not be reconstructed but will receive a new asphalt overlay.



Schedule

Design of the project began in November 2021 and preliminary plans are being finalized. Right-of-way and easement acquisition will begin in late 2023. In accordance with the STBG grant for this project, final design, and authorization to bid the project will occur in early 2026 and construction is scheduled to begin in the summer of 2026.

