

BRIDGE REPLACEMENT AND INTERSECTION IMPROVEMENT PROJECT GREAT OAKS DRIVE BRIDGE AT BRUSHY CREEK

FACT SHEET

Updated October 2021

County Commissioner: Commissioner Terry Cook, Precinct I
Project Roadway: Great Oaks Drive at Brushy Creek Road/Hairy Man Road
Project Limits: Intersection of Great Oaks Drive at Brushy Creek Road/Hairy Man Road

PROJECT PURPOSE & NEED:

The purpose of the proposed project is to address critical issues at the intersection of Great Oaks Drive and Brushy Creek Road/Hairy Man Road by improving traffic flow and flood controls. This project will improve mobility for vehicles by adding intersection capacity and reconstructing the bridge to better align with Great Oaks Drive south of the intersection. The project will also raise the bridge to stand approximately 16 feet taller than the current one to reduce the impact of flooding events and provide safe access across Brushy Creek. Note that the traffic signals on the bridge will be hooded to greatly reduce light pollution. In addition, this project will improve Brushy Creek Trail connectivity and the safety of trail users, pedestrians and bicyclists, and provide additional parking with lighting.

Due to population growth in Williamson County, traffic congestion at this intersection is an issue that needs to be resolved. There have been three reported accidents at the intersection of Great Oaks Drive and Brushy Creek Road/Hairy Man Road since 2010. Although there have not been any reported pedestrian or bicycle accidents in this location, the project does significantly improve safety for the trail by moving it under the roadway.

Additionally, during heavy rain events, the existing Great Oaks Drive bridge over Brushy Creek obstructs the flow of water due to the level of the existing bridge structure; this then contributes to upstream flooding. The Great Oaks Drive bridge has previously flooded on September 8, 2010. During this flood, the water crested over the bridge railing by several feet, causing access issues for emergency services and creating an unsafe roadway for drivers.



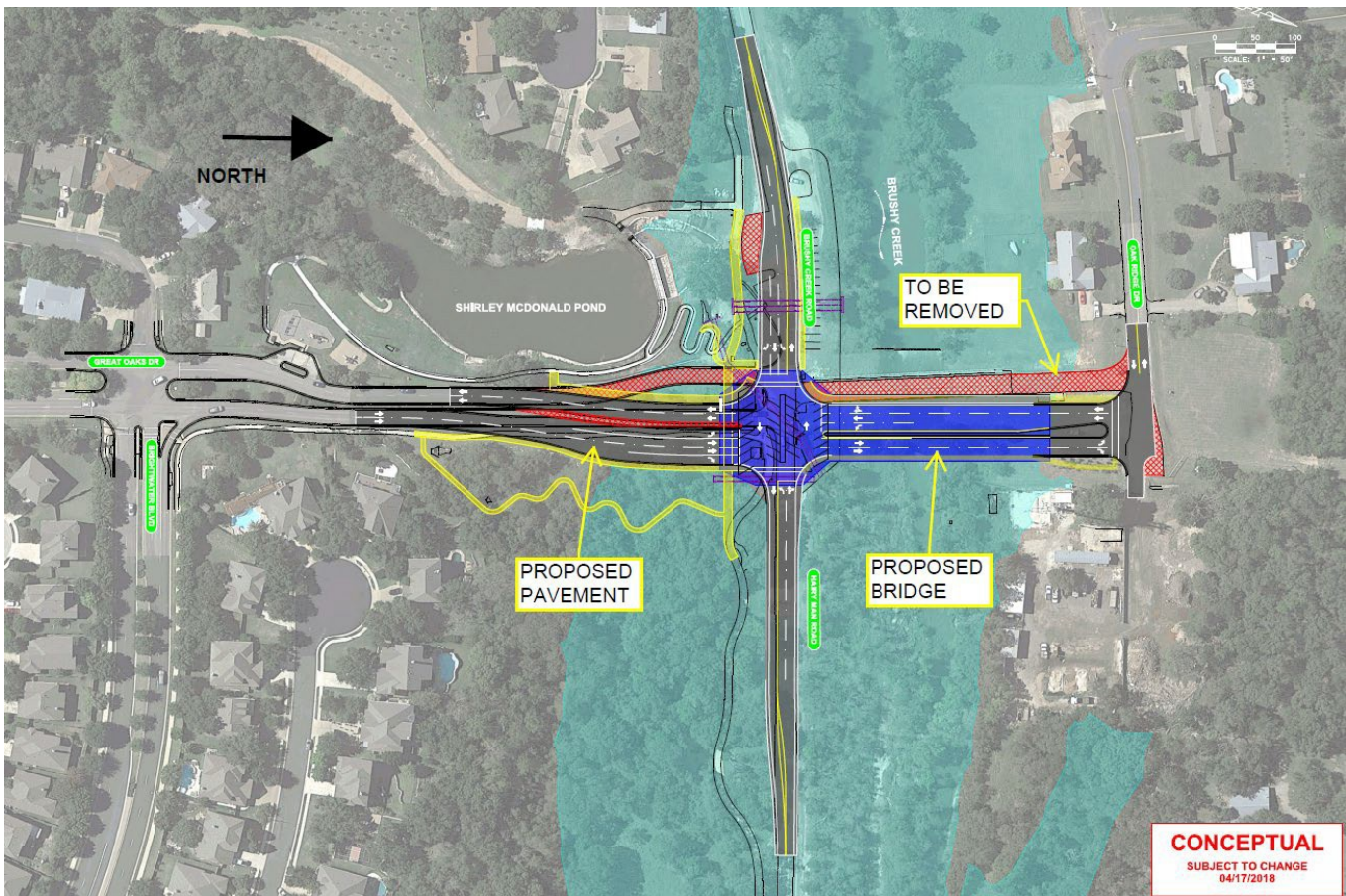
Great Oaks Drive bridge on September 8, 2010

PROJECT FUNDING & SCHEDULE:

The project study is funded by the voter-approved 2006 and 2013 Williamson County Road Bond Programs. The estimated construction cost is \$11.1M, not including the waterline relocation work performed earlier this year. To date, \$2.8M has been spent to study and design the improvements. Relocation of the Fern Bluff and Brushy Creek MUD waterlines was the first phase of construction, and was completed in fall 2020. The second phase of the project is construction for the bridge, which began in September 2021 and is expected to wrap-up late 2022. The trail will be temporarily closed to bicyclists and pedestrians to maintain public safety during construction.

PROJECT DETAILS AND DESIGN:

The improvements to Great Oaks Drive at Brushy Creek Road/Hairy Man Road include intersection improvements, removal of the existing bridge, a new four-lane bridge, dedicated left turn lanes in all directions, dedicated right turn lanes for traffic moving northbound to eastbound and eastbound to southbound, and shared thru-right lanes for traffic moving westbound to northbound and southbound to westbound. This project will include additional parking and will also modify the trail to provide a safe passageway under the roadway.



Proposed project visual of Bridge Replacement and Intersection Improvement Project.

MORE INFORMATION

For more information about this project, please visit www.wilco.org/roadprojects. Questions or comments may be directed by email or phone to the Williamson County Road Bond Program at roads@wilco.org or 512-943-1195.