

# Davidson County

S.R. 112 Road Widening  
From Ashland City Highway to Briley Parkway  
Project Length: 2.286 miles

# Existing Conditions

- 2 lane highway
- Low level of service
  - Average Daily Traffic: 17,989 vehicles (2018)
  - During Peak Hour: 1,618 vehicles (9%)
  - Projected Average Daily Traffic: 26,810 vehicles (2038)
  - Truck traffic: 540 vehicles (3%)



# Project Information

- Project let in October 2019
- Lowest Bid: \$32,746,398.40
- DBE Goal: 10%
- Prime Contractor: Civil Constructors
- Contract started: November 14, 2019
- Estimated completion date: April 23, 2023

# Utilities Involved

- Water and Sewer – Metro Water and Sewer
- NES– Electric
- Piedmont– Gas (Move Prior)
- AT&T – Telephone
- Comcast– Cable
- Level 3 Communications (Century Link) – Fiber Optic
- TVA Power

# Road Widening

- Road is increasing from 2 lanes to 5 lanes
  - With 2 travel lanes in each direction, a center turn lane, bike lanes, and sidewalks.
  - Construction of concrete bridge over Whites Creek.
  - Multiple retaining walls throughout the project.
  - Re-alignment and construction of cul-de-sac on Hamilton Rd.
  - Traffic studies conducted at all intersections to determine the need for additional traffic signalization.

# North Terminus of Project

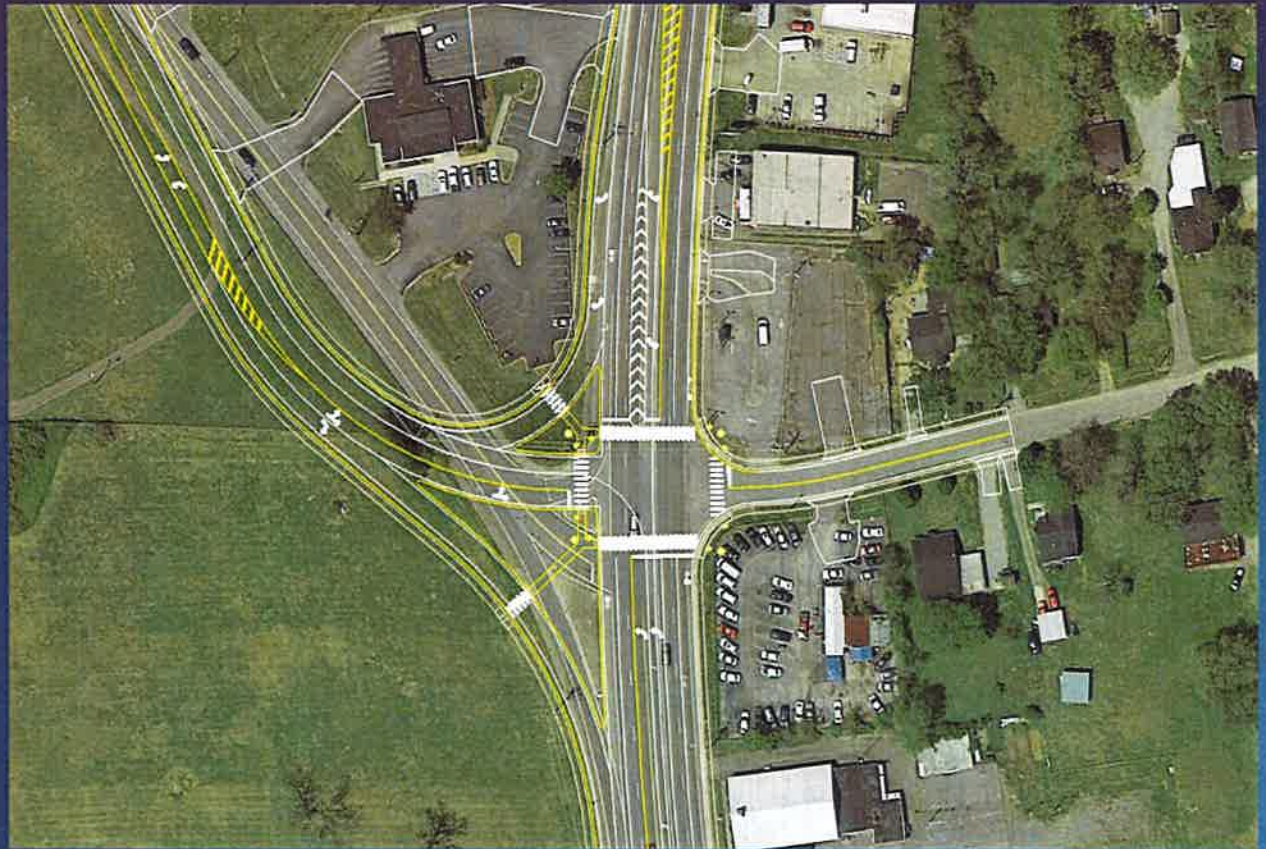


# South Terminus of Project



# Ashland City Highway Intersection

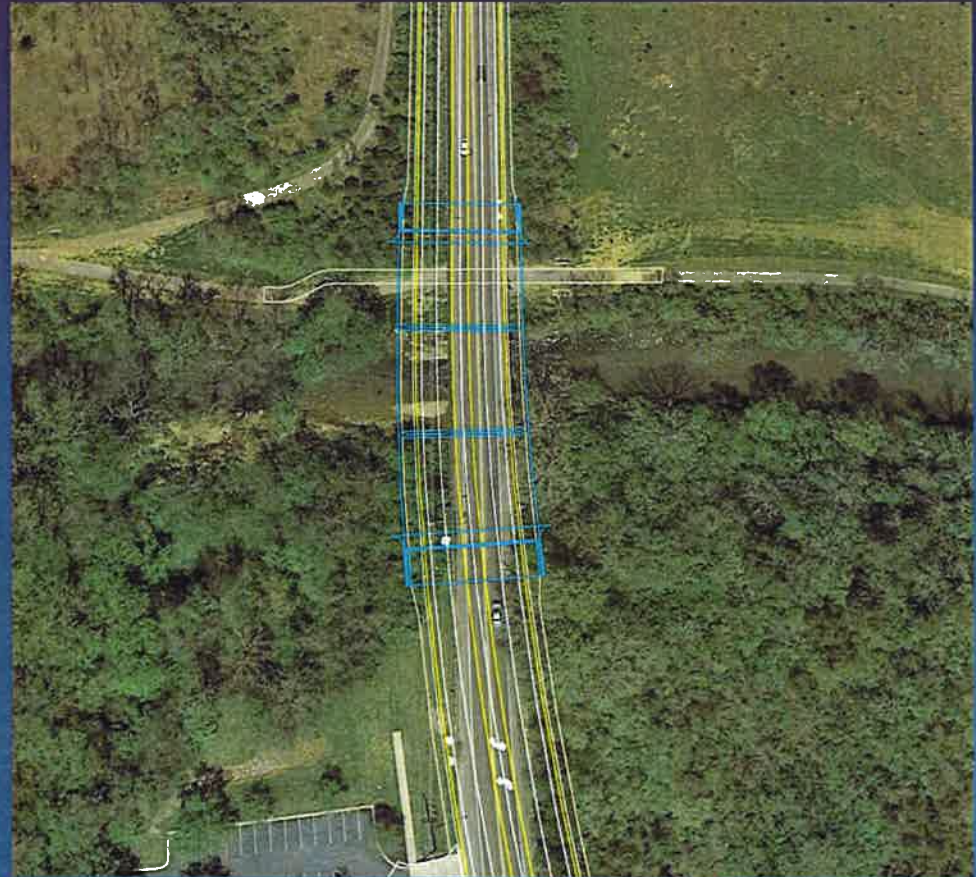
- Redesign of SR 12 to create 90 degree intersection and align with Courtney Ave.
- Installation of traffic signals



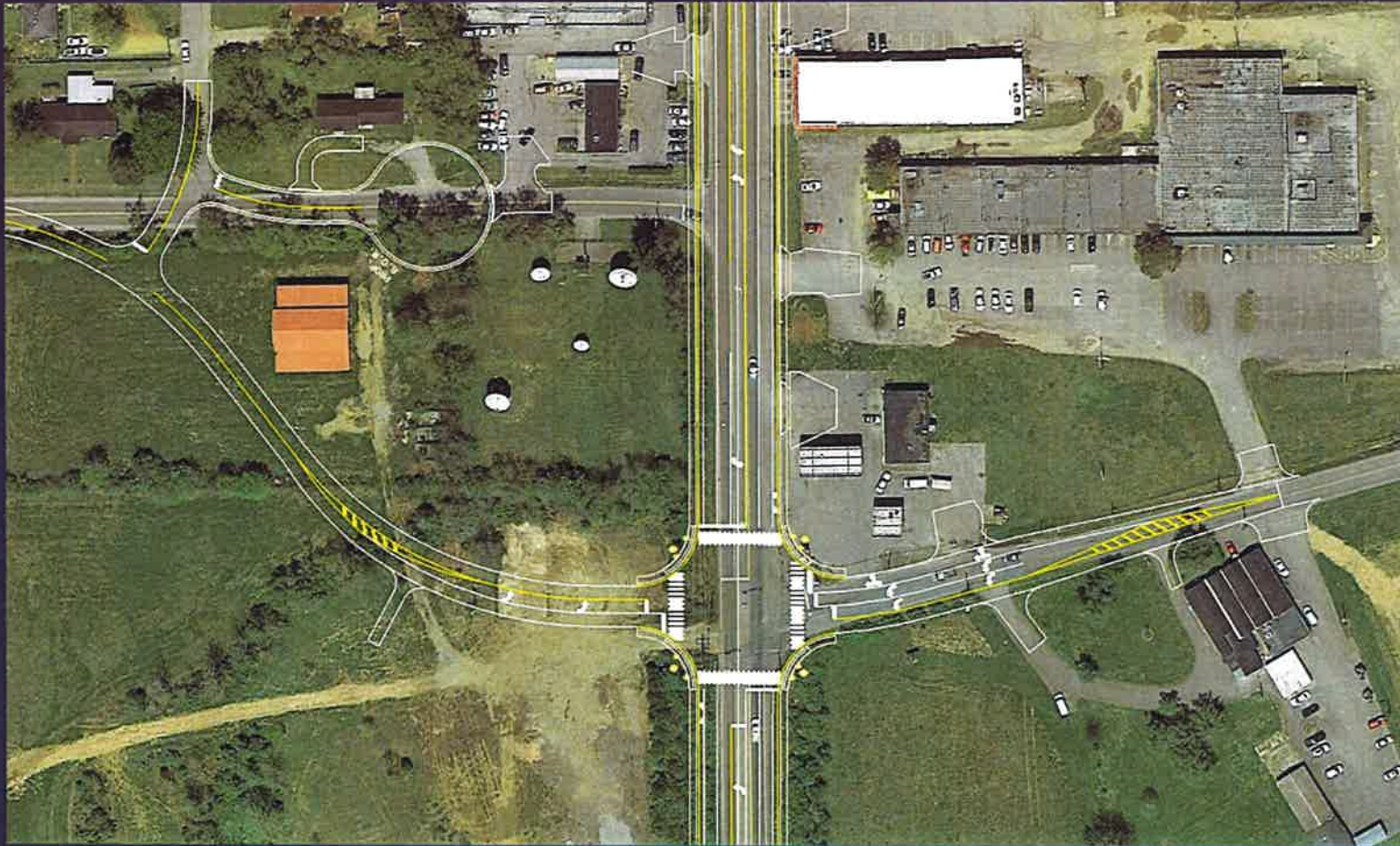


# Whites Creek Bridge

- Existing bridge: 2 travel lanes with no sidewalk
  - Proposed bridge: 250' span with new concrete bulb-tee beams providing 5 lanes with 8' sidewalks.
  - Greenway will be closed only during construction of new bridge. This is necessary to protect greenway users from potential hazards during bridge construction. This closure will be coordinated with Metro Parks so that information can be made available to the public as soon as possible.



# West Hamilton Road



# West Hamilton Road Safety Improvements

- New West Hamilton Road alignment adjusted to be directly across from existing signalized intersection.
- Installation of New Traffic Signal at new roadway alignment.
- Installation of cul-de-sac to provide entrance to existing business and residence.

# Kroger Entrance



# Kings Lane



# Traffic Control During Construction

- A few side road closures will occur throughout the life of the project.
- Expect temporary lane closures and flagging operations for construction activities.
- Speed limit will be reduced by 10 mph
- Detours will be installed when needed.



# Lane Closure Restrictions

- No lane closures from 5:30 a.m. to 9:00 a.m. and 3:30 p.m. to 6:00 p.m.
- Night work may be necessary.
- Blasting will be necessary at certain locations. Homeowners in close proximity to blasting areas will be notified in advance.
- Holidays, special events & holiday weekends
  - All in accordance with specifications and Engineer

# Contractor

- Civil Constructors

Project Manager: Joel Scott





# Construction Schedule

- Beginning of project will consist of brush clearing activities, placing erosion prevention measures, and the start of utility relocation work.
- Construction will start at Ashland City Hwy intersection work and new bridge over Whites Creek.
- Road widening activities will progress as utility relocations are completed.

# Work With Us

- We ask you to help keep us safe by practicing safe driving
- Please be patient as we work to make SR 112 a more safe and efficient route



# TDOT Contacts

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<https://www.tn.gov/tdot/projects/region-3.html>