

SR160 Corridor Study

Location: Morristown, Hamblen County, TN

Beginning: US Hwy 11E/ W Andrew Johnson Hwy Intersection

End: Old Lowland Rd/ McClister Rd intersection

Goals of the Project

To improve the overall safety, traffic flow, and operations along SR160 within Morristown, Hamblen County, Tennessee

Transportation Need:

SR160 is a 4-lane divided southern by-pass for Morristown and Hamblen County, TN. It directly connects to US Hwy 11E/ SR34/ W Andrew Johnson Highway to the western end, as well as connecting to SR66, SR343, US Hwy 25E/ SR32/ Davy Crockett Pkwy, and to Interstate 81 (I-81).

Accessibility:

SR160 is partially controlled access, however several sections of the roadway is not controlled access. Various land uses occur in these areas, such as an elementary school, some small industries, commercial activity, and even residential uses. Vulcan Materials Company, which is at the easternmost end of the study area, has indirect access to SR160. Hamblen County Highway Dept is located adjacent to this roadway.

Economic Development:

There are several properties that are being developed that are not directly adjacent to SR160, but will affect the operations of SR160. A new residential development (450 units) will be built at the old Millstone golf course (near Alpha Valley Home Rd), a new elementary school on Martin Luther King Jr Parkway.

Safety:

Crashes occur throughout this corridor. From 2002 to 2021, there have been 1,181 total crashes. Within the past 5 years (2016 to 2021), there has been 399 crashes. In 2021, there has been 59 crashes.

10 crashes had fatalities, which 2 of these had happened within the past 5 years. Of the 10 fatal crashes, 3 occurred near the 25E interchange, 1 was near the I-81 interchange, and 1 was near the SR66 interchange area.

The intersections with the most crashes occur near Martin Luther King Jr Parkway, 25E, Sulphur Springs Rd, Sugar Hollow Rd, and SR343.

Community Support

The Hamblen County Commission (and/or Morristown City Council) has approved a resolution of support for this study.

Consultant Selection Committee: *(This is a minimum, can be others, MPO and TDOT have to be on it)*

Bill Brittain	Hamblen County
Tony Cox	Morristown
Hugh Clement	HCBOE
Rich DesGroseilliers	LAMTPO MTPO Coordinator
Michelle Christian and/ or Troy Ebbert	TDOT OCT

Would like info from other TDOT personnel, such as Bryan Bartnik, Andrew Padgett, Eric Wilson.

Contact Listing

Contact Name	email
Bill Brittain	bbrittain@co.hamblen.tn.us
Johnna Harrell	Johnna.harrell@co.hamblen.tn.us
Tony Cox	tcox@mymorristown.com
Rich DesGroseilliers	richd@mymorristown.com
Michelle Christian	Michelle.A.Christian@tn.gov

Project Scope:

SR160 is predominantly a 4-lane divided highway that serves as a southern by-pass for Morristown. The length for this study is approximately 12 miles (10.04 miles within Morristown, 1.9 miles within Hamblen County), with 31 intersections. The only traffic signal on this roadway is at the intersection of US Hwy 11E/ SR34/ W Andrew Johnson Highway. Traffic volume capacity is not so much of an issue as turning movements are, particularly left-turn movements (to turn left onto SR160 and to turn left off of SR160). The rationale for this study are:

- a. Congestion and safety issues at all intersections, but the intersections with more of a concern are (from west to east)
 1. Old Hwy 11E/ Alpha School area
 2. Dearing Road/ Wayne Hansard Park area
 3. S. Sugar Hollow Rd/ All Saints School area
 4. Valley Home Rd (southside intersection with SR160)
 5. Dr Martin Luther King Jr Pkwy intersection (proposed new school)
 6. Sulphur Springs Rd intersection (southside of SR160)
 7. Sulphur Springs Rd intersection (northside of SR160/ West High School)
 8. S Cumberland St intersection
 9. US Hwy 25E/ SR32 intersection
- b. Excess school traffic is a concern at the intersections of Old Hwy 11E, S. Sugar Hollow Rd, and Sulphur Springs Rd.
- c. Fatality crashes had previously occurred at MLK Jr Pkwy intersection, as well as the 25E/ SR32 intersection.
- d. TDOT has various design plans for "J-turns" ML King Jr Pkwy.
- e. Morristown Traffic Team had also requested TDOT to study the intersections of Sulphur Springs Rd and S Sugar Hollow Rd as well due to increase traffic congestion.
- f. Need to coordinate with various divisions of TDOT for multimodal use. SR160 is listed as part of the Statewide Bicycle Route. However sections of SR160 is controlled access, thus making it difficult to add bicycle lanes in the area.
- g. The possibility of extending the Gateway Service Park Rd from Sulphur Springs Rd to MLK Jr Pkwy. The rationale for this would be to have another access to the proposed development, as well as for emergency purposes (i.e. if an accident were to occur on MLK Jr Pkwy, there would be an alternative way

out. Also, if an accident were to occur on SR160, then traffic would not have to be diverted all the way to Lincoln Avenue, or perhaps W Morris Blvd).

h. *Multimodal Uses*: Need to find out if it is safe and/or feasible (construction wise and/or financial wise) to have a multimodal facility along SR160. By the Tennessee State Bike map, portions of SR160 is listed as a bike route, while other sections of SR160 is controlled access which is not listed as a bike route. Thus we need clarification on this matter.

Does it Support the goals/ objectives of the 2045 MTP?

Yes, it supports numerous goals/ objectives of the LAMTPO 2045 MTP.

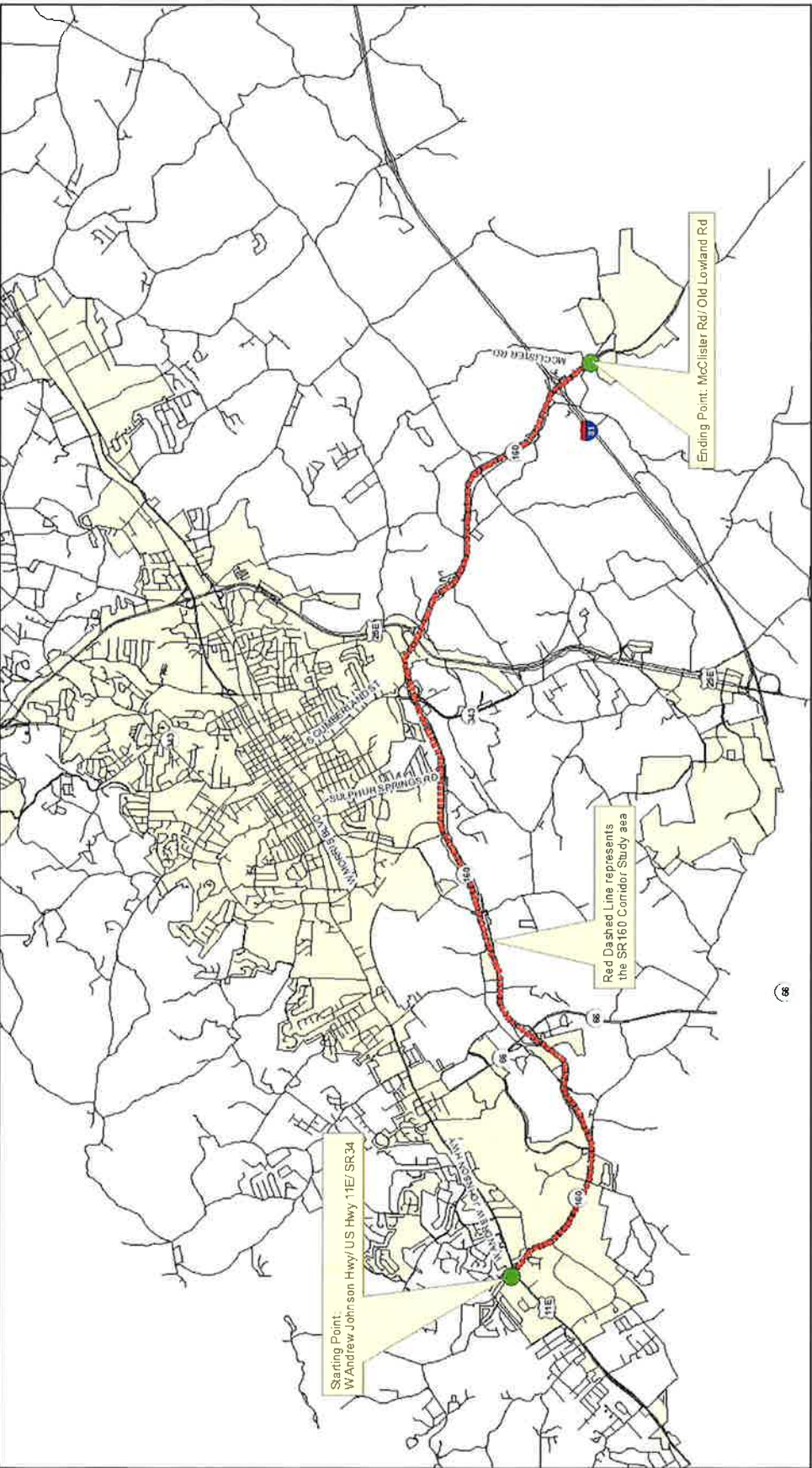
1. By improved traffic flow, it will help in maintaining a higher Level of Service (LOS), as well as provide a more efficient movement of people and freight
2. By improving the existing SR160, it will protect and enhance the natural, cultural, and physical environments, thus making it safer and more secure.
3. By improving the existing road within existing right-of-way, it will improve the level of service (LOS) at minimal capital costs.
4. By improving the existing network will help reduce congestion and improve access to jobs, markets and services.
5. By improving the roadway will help in reducing crashes.

Hamblen County will provide the 10% local match up front if awarded the contract. The total amount of the awarded contract shall not exceed \$200,000.00. The local agency's total local match shall not exceed (\$20,000.00)

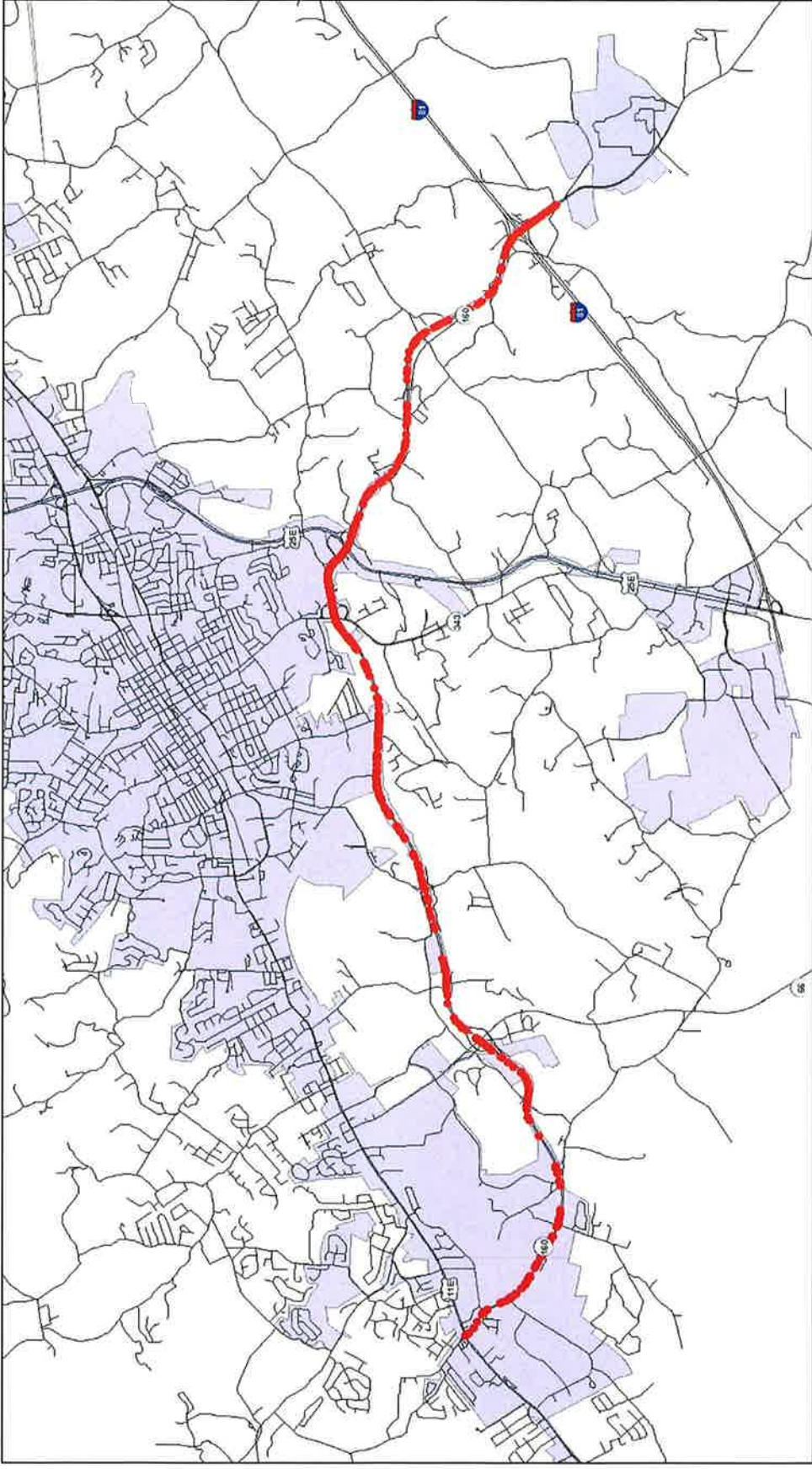
Proposed Timeline

December 30, 2021	Grant Applications Due
January 30, 2022	Estimated Time for Grant Application Approval
March 30, 2022	TDOT On-Call Consultant selected
May 2022	Start Kickoff / stakeholder meeting
June 2022	progress report
July 2022	2nd meeting/ progress report (PUBLIC Meeting)/ start online survey
August 2022	progress report/ end online survey
September 2022	progress report/ survey results
October 2022	3 rd meeting/ progress report/ PUBLIC Meeting)
November 2022	progress report
December 2022	Final meeting/ final document (PUBLIC Meeting)

Location Map



SR160 Crash Location Map



Lakeway Area Metropolitan Transportation Planning Organization (LAMTPO)
Morristown, TN – Jefferson City, TN – White Pine, TN – Hamblen County, TN – Jefferson County, TN

December 15, 2021

Hamblen County Mayor Bill Brittain
511 W 2nd N St
Morristown TN 37814


RE: UTPG Application for SR160

Dear County Mayor Brittain:

The Lakeway Area Metropolitan Transportation Planning Organization (LAMTPO) is aware of the proposed application for a transportation study of SR160 from US Hwy 11E/ SR34/ W Andrew Johnson Hwy to McClister Road in Hamblen County. LAMTPO is in support of this grant application for this study.

If there are any questions or concerns that you may have, please feel free to contact me at 423-581-6277. Thank you for your time and cooperation.

Sincerely,



Rich DesGroseilliers, GISP
MTPO Coordinator
100 W. 1st North St
Morristown, TN 37814
423-581-6277
richd@mymorristown.com

RESOLUTION 21-26

**SUPPORTING HAMBLEN COUNTY WISHING TO PURSUE THE TENNESSEE
DEPARTMENT OF TRANSPORTATION (TDOT) URBAN TRANSPORTATION
PLANNING GRANT (UTPG) FOR THE SR160 CORRIDOR STUDY**

WHEREAS, Hamblen County seeks to continually develop comprehensive plan elements which serve as guidelines for the maintenance and improvement of community public facilities and infrastructure, and

WHEREAS, the people of Hamblen County are afforded a continuous process whereby the transportation network within the area is maintained in an efficient and orderly manner while plans for future growth in traffic volumes, recreational and land uses are considered, and

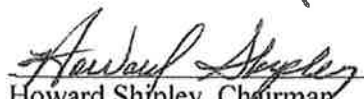
WHEREAS, Hamblen County desires to improve the safety, security, and aesthetics of its roadways; and

WHEREAS, Hamblen County desires to apply for the FFY2022 Urban Transportation Planning Grant (UTPG), where state funds will pay for 90 percent of the grant and Hamblen County, in partnership with the City of Morristown and Hamblen County Board of Education, will pay the 10 percent (10%) local match in advance, if awarded; and

WHEREAS, the total amount of the grant shall not exceed \$200,000.00, and the grant applications are due by December 30, 2021; and

WHEREAS, Hamblen County wishes to have a corridor study done for SR160 from W Andrew Johnson Hwy to McClister Rd; and


NOW, THEREFORE BE IT RESOLVED that Hamblen County Commission does hereby approve this resolution to pursue the FFY2022 TDOT Urban Transportation Planning Grant.




Howard Shipley, Chairman
Hamblen County Commission

December 16, 2021

Date



Bill Brittain, County Mayor



Penny Petty, County Clerk

RESOLUTION 14-22**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF MORRISTOWN SUPPORTING HAMBLEN COUNTY WISHING TO PURSUE THE TENNESSEE DEPARTMENT OF TRANSPORTATION (TDOT) URBAN TRANSPORTATION PLANNING GRANT (UTPG) FOR THE SR160 CORRIDOR STUDY.**

WHEREAS, The City of Morristown seeks to continually develop comprehensive plan elements which serve as guidelines for the maintenance and improvement of community public facilities and infrastructure, and

WHEREAS, the people of Morristown are afforded a continuous process whereby the transportation network within the area is maintained in an efficient and orderly manner while plans for future growth in traffic volumes, recreational and land uses are considered, and

WHEREAS, The City of Morristown desires to improve the safety, security, and aesthetics of its roadways; and

WHEREAS, Hamblen County desires to apply for the FFY2022 Urban Transportation Planning Grant (UTPG), where state funds will pay for 90 percent of the grant and localities will share the 10 percent (10%) local match UP FRONT, if awarded; and

WHEREAS, the total amount of the grant shall not exceed \$200,000.00, and the grant applications are due by December 30, 2021; and

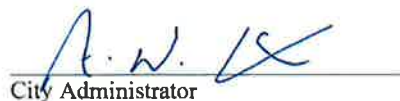
WHEREAS, The City of Morristown wishes to participate in a corridor study done for SR160; from W Andrew Johnson Hwy to McClister Rd; and

NOW, THEREFORE BE IT RESOLVED by the City Council for the City of Morristown supports Hamblen County pursuing the FFY2022 TDOT Urban Transportation Planning Grant for the purpose of the SR 160 Corridor Study.

Resolved this the 7th day of December 2021.


Mayor

ATTEST:


City Administrator