

APPENDIX

B

TRAFFIC
FORECAST
EXECUTIVE
SUMMARY

Traffic Forecast Executive Summary
Jackson County: KY 290 Corridor Study
Item No. 11-80202.00

FORECAST SUMMARY

The purpose of the study was to assess existing conditions and develop improvement concepts for KY 290 in Jackson County from McKee to KY 30. The purpose of this forecast was to analyze the future traffic of the corridor using 2022 as the current year and 2045 as the design year.

FORECAST TYPE

The following types of forecasts were developed:

- 2022 and 2045 ADT values

CURRENT-YEAR VOLUME

There are two traffic counting stations along the corridor: Station 055750 and Station 055527. Station 055750's most recent traffic count in 2020 was significantly lower than its second-most recent count due to the economic effects of the COVID-19 pandemic. Therefore, the current-year total volume for the project was developed based on Station 055527's most recent traffic count in 2022 of about 2,300.

DESIGN-YEAR/GROWTH FACTOR

A total volume growth rate of zero percent was used for the purpose of this forecast, which was consistent with the historical growth rate of Station 055527, meaning that the project corridor had an estimated 2045 ADT of 2,300.

DESIGN HOURLY FACTORS

Design hourly factors were not requested and therefore not included.

TRUCK VOLUMES AND PERCENTAGES

Truck volumes and percentages were not requested and therefore not included.

TURN MOVEMENTS

Turn movements were not requested and therefore not included.