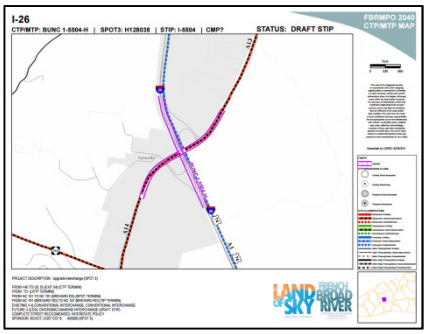
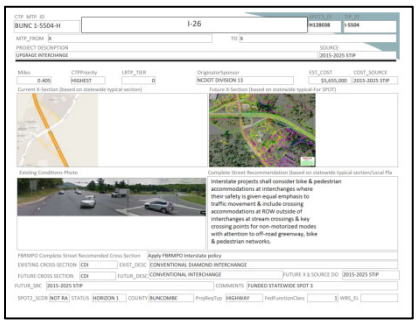
MTP 2040 Appendix H
Project Dossiers

A Guide to the Dossiers

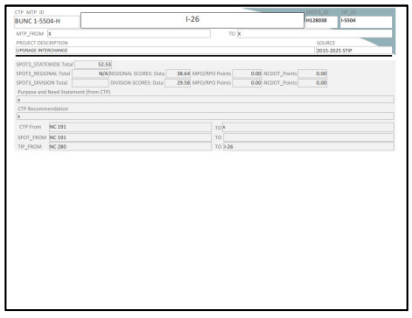
The following section of the Metropolitan Transportation Plan was developed to better communicate the surrounding context for each planned transportation project. These maps have been developed using data from a variety of local, state, and federal sources, and help to give a picture of the present, past, and projected future of each planned transportation project and its surroundings.



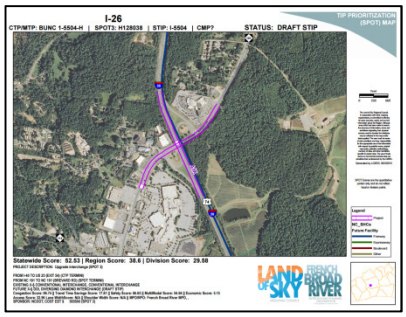
CTP/MTP Map: gives a general context of the MTP project and illustrates major roads and the project classification found in the MPO's Comprehensive Transportation Plan (CTP.)



General Information and Design: gives the basic information for each project (project description, cost estimate, and project termini) as well as information on the current designs of each project. Some projects have more updated designs, others have NCDOT cross-sections that cost estimates are based on. NOTE: many projects in the MTP do not have completed designs and may change as engineering is completed.

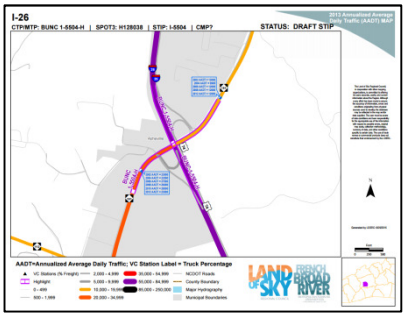


Project Background: shows a brief history of each project- how it was stated in the CTP, MTP, and TIP, and how the project scored in past prioritization processes.

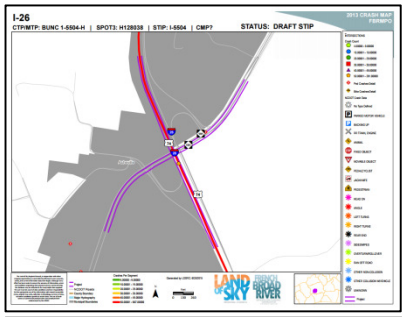


provided by NCDOT.

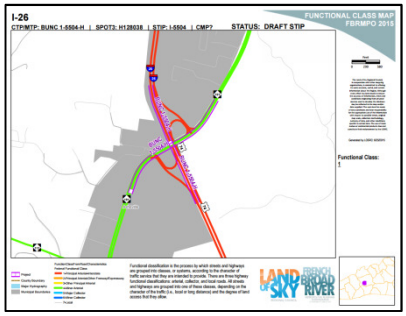
SPOT Map: shows the project with an aerial background and highlights the project's score in the most recent round of SPOT.



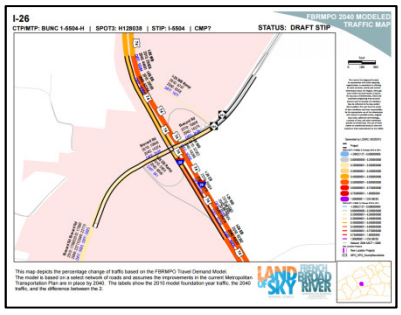
AADT Map: shows the project with nearby AADT (Annual Average Daily Traffic) count stations. Traffic count information is collected and



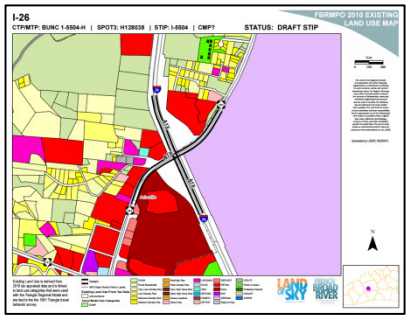
Safety Map: uses crash data provided by NCDOT to illustrate the crash history for all users in the project area.



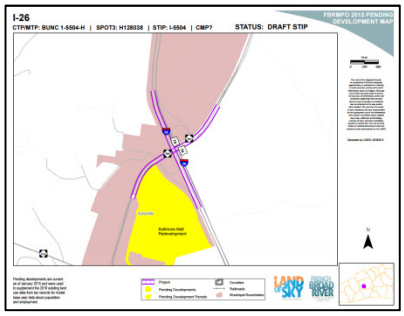
Functional Classification Map: shows the different roadways in the project area by functional class. The functional classification helps to define the role of the roadway in accomplishing the many and diverse needs of our transportation system.



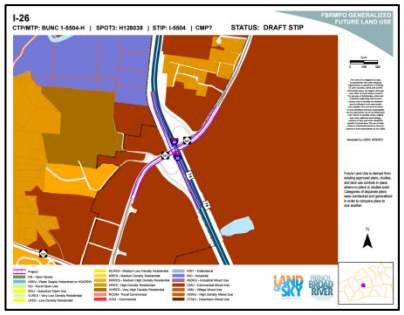
2040 Modeled Traffic Map: uses baseline volume data from the MPO's travel demand model as well as the model's predicted volumes from 2040 with the MTP projects built-out.



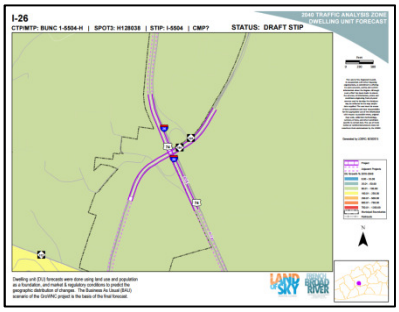
Existing Land Use Map: based on 2010 tax appraisal data and highlights land uses surrounding the project area.



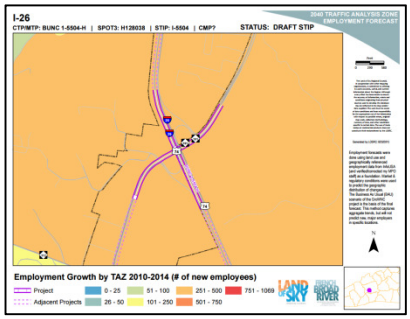
Pending Development Map: highlights pending developments that were used for the Travel Demand Model and was current as of January, 2015.



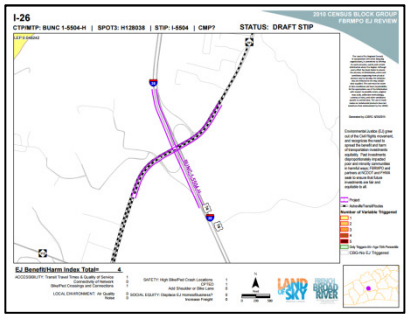
Generalized Future Land Use Map: shows projected future land uses based on local land-use plans, studies, or current controls. Land uses have been generalized in order to make them uniform throughout the region.



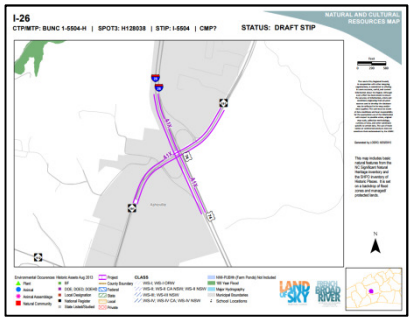
Dwelling Unit Forecast: separated by Traffic Analysis Zones (TAZs), this map shows forecasts for the change in the number of dwelling units based on land use and demographic projections and uses GroWNC's Business as Usual scenario for market and regulatory scenario.



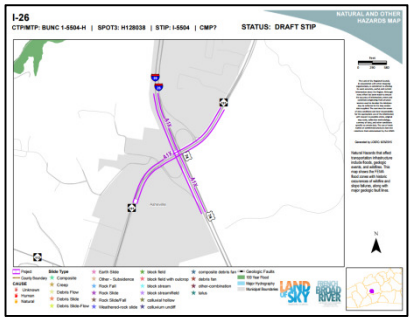
Employment Forecast: separated by Traffic Analysis Zones (TAZs), this map shows forecasts for the change in the number of jobs within each TAZ and is based on data used in the Dwelling Unit Forecast.



Environmental Justice Review: shows surrounding areas of concern pertaining to environmental justice and also illustrates the Benefit/Harm Index, detailed in the Environmental Justice chapter.



Natural and Cultural Resources: places the project in a background of flood zones and managed/protected lands and highlights known features of natural or historic importance.



Natural and Other Hazards Map: shows surrounding historic hazards, including past landslides, slop failures, wildfires, and other known or potential hazards.