

Burlington-Graham MPO Getting There 2045 MTP Update

Vision, Goals and Objectives

Updated June 26, 2019

Vision

Getting There 2045 Plan will support the investment in a multimodal transportation network for a vibrant and prosperous Burlington-Graham region where residents of all ages have access to opportunities and a good quality of life, businesses can grow and thrive, and the natural and cultural resources of the region are protected.

Goals and Objectives Development

	Goals and Objectives	Metrics
GOAL 1	Provide a safe, secure, comprehensive, and effective transportation system to move people and goods within and through the area	
Objective 1A	Enhance mobility and accessibility and manage congestion across the transportation system and across modes of transportation	<ul style="list-style-type: none"> • Travel Time Reliability utilizing TTI (Travel Time Index from INRIX/HERE data) for interstates and US routes • Bicycle, pedestrian and transit access to passenger rail stations (metric to be refined) • Ridership on passenger rail and transit
Objective 1B	Support projects, programs, and policies that advance safe and secure travel for all transportation system users	<ul style="list-style-type: none"> • Reduce non-motorized fatalities and serious injuries rate (5-year average) (utilizing NCDOT data) • Reduce serious injury and fatality crash rates (utilizing NCDOT data)
Objective 1D	Plan and support a freight transportation system that allows for the efficient movement of goods	<ul style="list-style-type: none"> • The number of at-grade rail crossings
Objective 1E	Improve resiliency and reliability of the transportation system through increasing roadway network connectivity and supporting multiple route options	<ul style="list-style-type: none"> • The number of deficient bridges/roads

GOAL 2	Provide a transportation system that enables mobility choices	
Objective 2A	Integrate walking and bicycling with vehicular travel and encourage the use of walking and bicycling	<ul style="list-style-type: none"> • Miles of existing sidewalks, bike facilities and greenways • Percentage of CBDs and Designated TOD areas with a walk score of 50 or higher • Number of communities within the region recognized as Walk-Friendly or Bicycle-Friendly Communities • Funding for a follow-up study to identify bicycle and pedestrian network gaps
Objective 2B	Develop an integrated public transportation system that supports multimodal transportation options	<ul style="list-style-type: none"> • Percentage of the region's population located within 1/4-mile buffer of fixed route transit • Percentage of the population served with 30-minute frequency (within ¼ mile buffer)
Objective 2C	Maximize rail and air transportation opportunities (no changes)	<ul style="list-style-type: none"> • Percentage of identified future economic development sites that can be potentially served by rail
Objective 2D	Support transportation demand management strategies including Park-and-Ride lots, carpooling and vanpooling throughout the region	<ul style="list-style-type: none"> • Number of Park-and-ride lots • Number of people registered for carpooling and vanpooling (data from PART)
Objective 2E	Support better coordination and integration of existing transit services in Alamance County	<ul style="list-style-type: none"> • Fund and program a Regional Transit Feasibility Study
GOAL 3	Seek to optimize the existing transportation system	
Objective 3A	Prioritize maintaining existing assets before exploring system expansion options	<ul style="list-style-type: none"> • Number of deficient/posted bridges
Objective 3B	Utilize existing transportation capacity through targeted economic redevelopment in areas with sufficient infrastructure	

GOAL 4	Promote equity and accessibility in transportation options for transportation-disadvantaged populations	
Objective 4A	Improve opportunities to serve transportation-disadvantaged populations with convenient transportation to needed services and desired travel destinations	<ul style="list-style-type: none"> • Percentage of the region's block groups with a high EJ concern score located within ¼ mile of fixed route transit • Percentage of the region's key community resources including town halls, parks, libraries, post offices, K-12 schools, colleges, universities, health and social services offices and grocery stores within ¼ mile of fixed route transit
Objective 4B	Provide meaningful opportunities for public involvement in the transportation planning process (No change)	
Objective 4C	Use inclusive design to make the system work for all users	<ul style="list-style-type: none"> • Number of ADA Transition plans for local communities completed or updated in the last 10 years
GOAL 5	Integrate land use and transportation planning	
Objective 5A	Support land use planning strategies that facilitate efficient transportation system use and development	<ul style="list-style-type: none"> • Number of activity centers (nodes) across the region designated as accessible (via walk and transit) • Number of locally-adopted comprehensive plans
Objective 5B	Align the transportation infrastructure investment with community vision of future growth	<ul style="list-style-type: none"> • Percentage of major transportation capacity projects that align with locally-adopted plans for growth areas
Objective 5C	Encourage density and destination clustering which will increase accessibility and multimodal transportation options	<ul style="list-style-type: none"> • Residential and employment density in activity centers
Objective 5D	Support areas designated for additional economic development potential under programs such as Opportunity Zones and North Carolina Industrial Commission Certified Sites through transportation infrastructure investments	<ul style="list-style-type: none"> • Percentage of major transportation capacity projects that overlap with and/or provide access to designated Opportunity Zones, N.C. Industrial Commission Certified sites or other locations designated for targeted economic development

MTP 2045 Goals and Objectives and Transportation Planning Factors

A Metropolitan Transportation Plan is required to address the transportation planning factors established by the Federal transportation legislation. The FAST Act, signed into law in 2015, included the addition of two planning factors (focused on resiliency and reliability and tourism), for a total of ten transportation planning factors. Eight of those factors were initially defined in the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU), enacted in 2005, and carried forward by MAP-21 in 2012.¹

The projects and strategies recommended in the MTP must support these planning factors. The federal planning factors are as follows:

- Support the economic vitality of the metropolitan area
- Increase the safety of the transportation system for motorized and non-motorized users
- Increase the security of the transportation system for motorized and non-motorized users
- Increase the accessibility and mobility of people and for freight
- Protect and enhance the environment, promote energy conservation, and improve the quality of life
- Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight
- Promote efficient system management and operations
- Emphasize the preservation of the existing transportation system
- Improve the resiliency and reliability of the transportation system and reduce or mitigate stormwater impacts of surface transportation
- Enhance travel and tourism

As can be seen in the table below, the MTP goals align with the federal planning factors to ensure that the federal guidelines are addressed throughout the MTP 2045 plan development.

¹ Code of Federal Regulations: Title 23, Part 450.306

BGMPO MTP Goals and Objectives						
	Goal 1: Provide a safe, secure, comprehensive and effective transportation system to move people and goods within and through the area	Goal 2: Provide a transportation system that enables mobility choices	Goal 3: Seek to optimize the existing transportation systems	Goal 4: Promote equity and accessibility in transportation options for transportation-disadvantaged populations	Goal 5: Integrate land use and transportation planning	
Federal Transportation Planning Factors	Support the economic vitality of the metropolitan area	○	●	●	○	●
	Increase the safety of the transportation system for motorized and non-motorized users	●	●	●	●	○
	Increase the security of the transportation system for motorized and non-motorized users	●	○	○		
	Increase the accessibility and mobility of people and freight	●	●	●	●	●
	Protect and enhance the environment, promote energy conservation, and improve the quality of life	○	●	○	○	●
	Enhance the integration and connectivity of the transportation system, across and between modes, for people and freight	●	●	●	●	●
	Promote efficient system management and operations	○	●	●	●	○
	Emphasize the preservation of the existing transportation system	○	○	●	●	●
	Improve the resiliency and reliability of the transportation system and reduce or mitigate stormwater impacts of surface transportation	○	○		○	●
	Enhance travel and tourism	●	●	●	○	●

● Full ○ Partial