

DRAFT Guiding Principles & Goals Memo

CHATS Regional Intelligent Transportation Systems
(ITS) Architecture & Deployment Guide



Introduction

The CHATS Regional Intelligent Transportation Systems (ITS) Architecture and Deployment Guide seeks to guide the growth of ITS in the Berkley-Charleston-Dorchester County Region to support regional needs. To ensure the outcomes of the project are consistent with regional needs, guiding principles and goals were developed for the ITS Architecture and Deployment Guide.

The guiding principles and goals were developed to align with existing regional plans and the identified goals within those plans. An emphasis was placed on tying in the Regional ITS Architecture and Deployment Guide with the BCDCOG *Long Range Transportation Plan*, which is actively being updated. The following documents were reviewed to identify crosscutting themes among regional and local visions, guiding principles, and goals:

Agency	Document
Town of Rockville	<i>Comprehensive Plan</i> (2009)
BCDCOG	<i>Our Region Our Plan</i> (2013)
BCDCOG	<i>Regional Blue Trails Project</i> (2015)
Charleston County	<i>People 2 Parks Bike-Walk Plan</i> (2016)
BCDCOG	<i>Comprehensive Economic Development Strategy</i> (2016)
BCDCOG	<i>Walk Bike BCD</i> (2017)
Charleston County	<i>Comprehensive Plan</i> (2018)
Town of Sullivan's Island	<i>Comprehensive Plan</i> (2018)
Town of Moncks Corner	<i>Comprehensive Plan</i> (2018)
BCDCOG	<i>Regional Transit Framework</i> (2018)
CHATS	<i>Long Range Transportation Plan</i> (2019)
CHATS	<i>Public Participation Plan</i> (2019)
Town of Mount Pleasant	<i>Comprehensive Plan</i> (2019)

Agency	Document
CHATS	<i>Congestion Management Process</i> (2019)
Town of Ravenel	<i>Comprehensive Plan</i> (2019)
Berkeley County	<i>Hazard Mitigation Plan</i> (2020)
Town of Summerville	<i>Comprehensive Plan</i> (2020)
Charleston County	<i>Charleston Regional Hazard Mitigation Plan</i> (2021)
City of Goose Creek	<i>Strategic Plan</i> (2021)
City of Goose Creek	<i>Comprehensive Plan</i> (2021)
BCDCOG	<i>Regional Freight Mobility Plan</i> (2021)
BCDCOG	<i>Regional Human Services Transportation Coordination Plan</i> (2022)
BCDCOG, CRDA, and Charleston	<i>Metro Chamber's Economic Recovery & Resiliency Plan</i> (2022)
USDOT	<i>FY 2022-26 U.S. DOT Strategic Plan</i> (2022)
BCDCOG	<i>Regional Transportation Engagement Plan</i> (forthcoming)

Guiding Principles

The initial step in the goals process included the development of guiding principles that establish a framework for the technology and operations focused goals. The guiding principles are regionwide statements that encapsulate expectations for the region's growth. The guiding principles for the Regional ITS Architecture and Deployment Guide are based on the structure that is being applied within the *BCDCOG Long Range Transportation Plan* development. The BCDCOG PM was able to share the guiding principles for the *BCDCOG Long Range Transportation Plan*, which is currently under development. The guiding principles are provided in **Figure 1**.

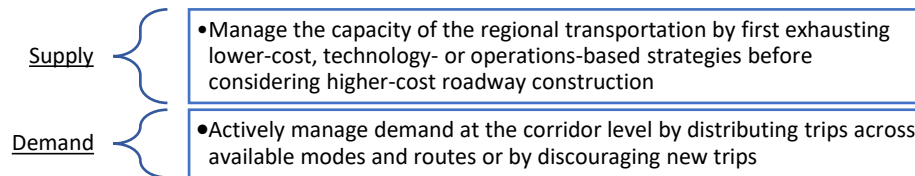


Figure 1: CHATS Regional ITS Architecture and Deployment Plan Guiding Principles

Goals

The goals were developed within the framework of the guiding principles and are focused on how the region can leverage transportation technology to address identified needs. The goals will be revisited throughout the project to ensure consistency within the identified projects and regional ITS plan. Additionally, the goals will be utilized to establish SMART objectives for evaluating the outcomes of the regional plan and future ITS projects. The goals were developed based upon feedback from the Core Team and Stakeholders on the region's current use of transportation technology and appetite for the future deployments. The goals were then presented to the Core Team and Stakeholders for review and approval. The goals are shown below in **Figure 2**.

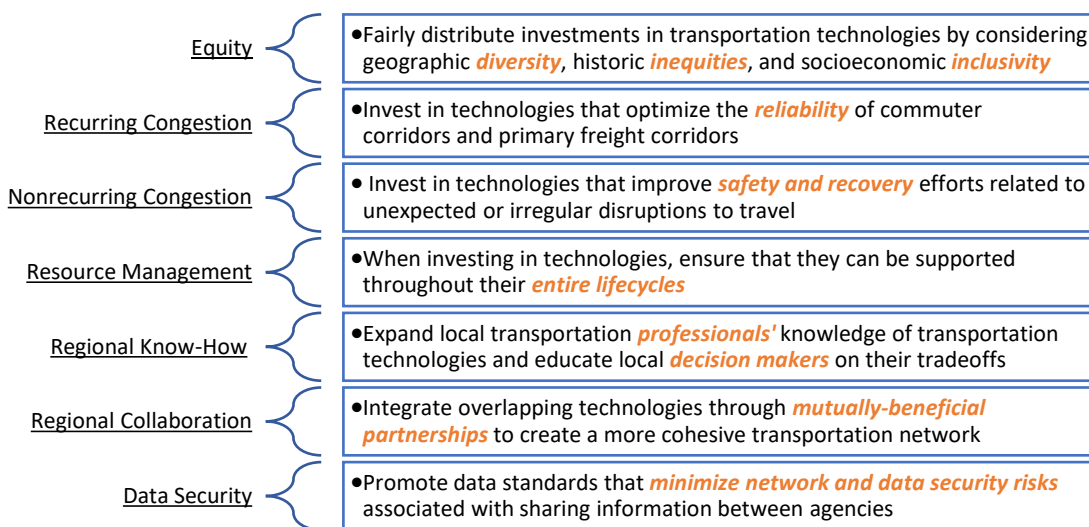


Figure 2: CHATS Regional ITS Architecture and Deployment Plan Goals