



NORTH CAROLINA
Department of Transportation



N.C. Strategic Transportation Corridors Master Plans

Corridor U

Spring & Summer 2018

Welcome and Introductions

- STC Master Plans Overview
- Study Area Description
- Public Outreach
- Plan Deliverable
- Next Steps

Goals

System Connectivity: Provide essential connections to national transportation networks critical to interstate commerce and national defense;

Mobility: Facilitate significant high-volume, inter-regional movements of people and goods across the state; and

Economic Prosperity: Support economic development and efficiency of transport logistics for economic regions and clusters of activity centers.

Strategic Transportation Corridors

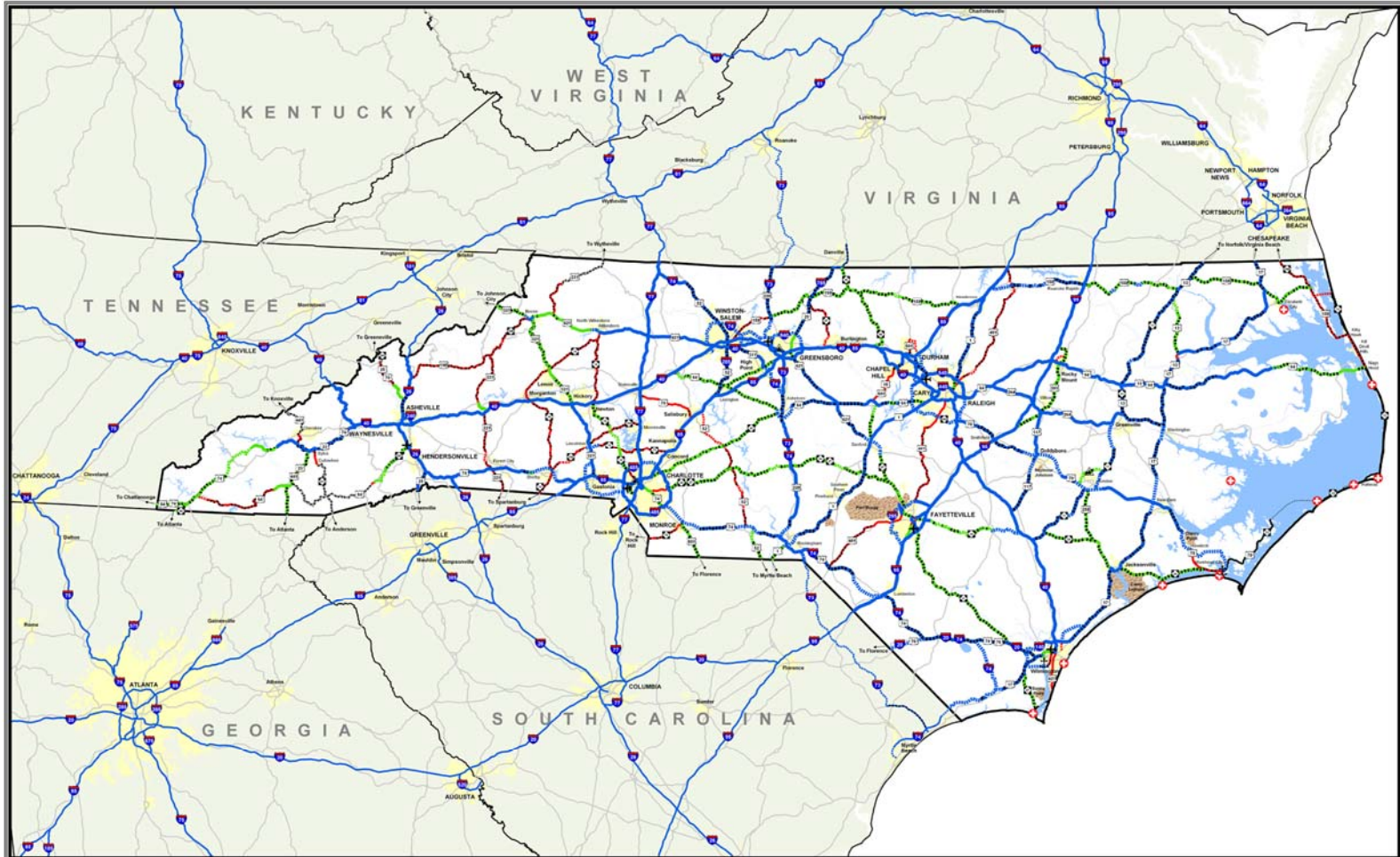


Note: Dashed lines indicate primary rail lines that combine with the primary highway to form the color-coded Strategic Transportation Corridor.

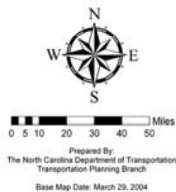
Strategic Highway Corridors vs. Strategic Transportation Corridors

SHC	STC
Identified vision	Collaborative vision
55 corridors	25 corridors
Vehicle-focused	Multimodal

Strategic Highway Corridors



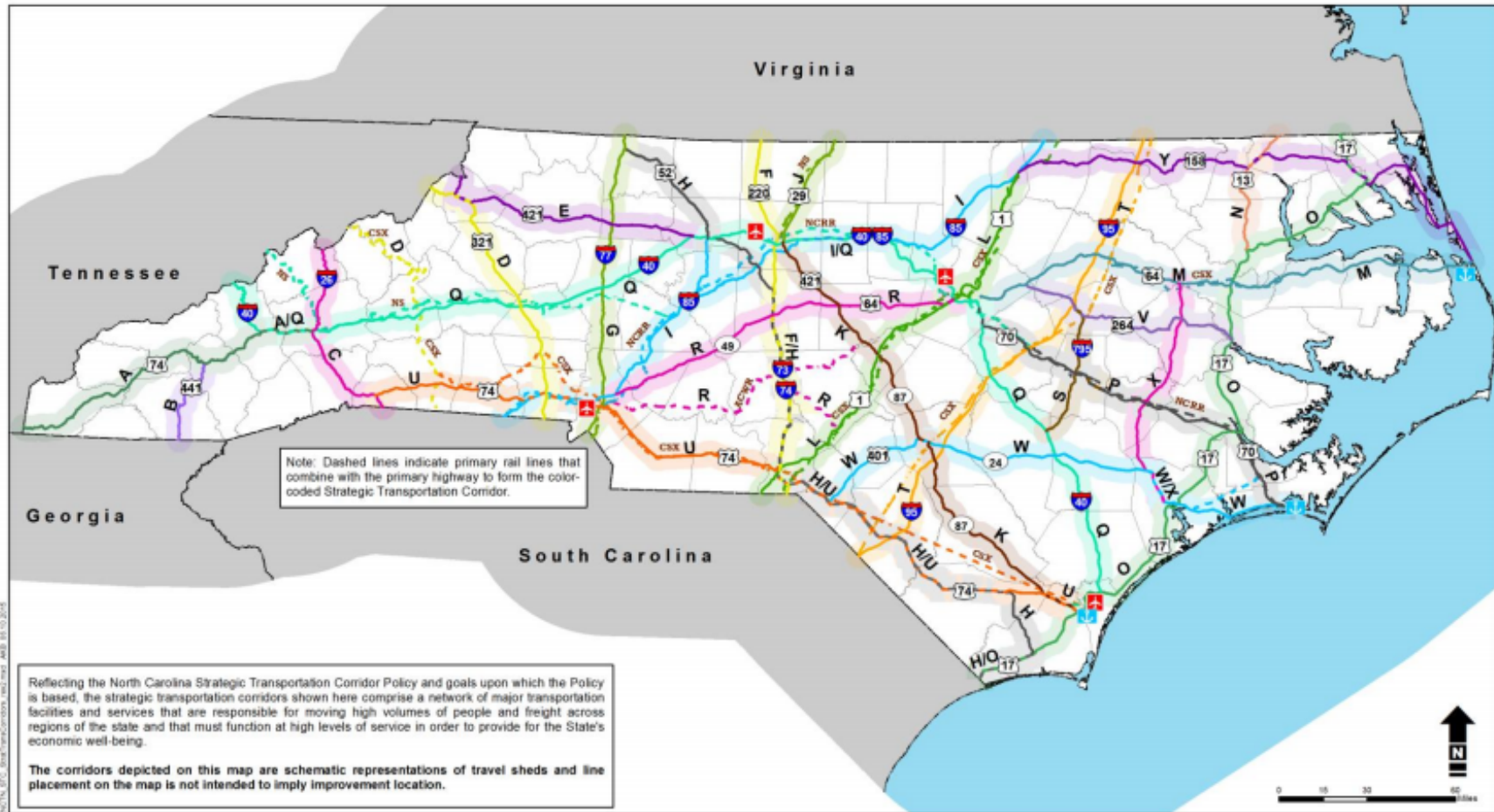
Vision Plan
 Adopted by The North Carolina Board of Transportation
 Plan Date: September 2, 2004
 Revised: July 10, 2008



- Strategic Highway Corridors**
- Freeways**
 - Existing
 - Needs Upgrade
 - Recommended
 - Expressways**
 - Existing
 - Needs Upgrade
 - Recommended
 - Boulevards**
 - Existing
 - Needs Upgrade
 - Recommended
 - Thoroughfares**
 - Existing
 - Needs Upgrade
 - Recommended

- Legend**
- US/Other Route
 - Statewide Tier Ferry Route
 - State Port
 - Major Airport
 - Intermodal Connector
 - Coast Guard Station
 - Major Military Base
 - Urban Area
 - Water Features

Strategic Transportation Corridors



NCTM, ETC. StrategicCorridor.mxd mod AMB 04/10/2015



**NORTH CAROLINA
TRANSPORTATION
NETWORK**

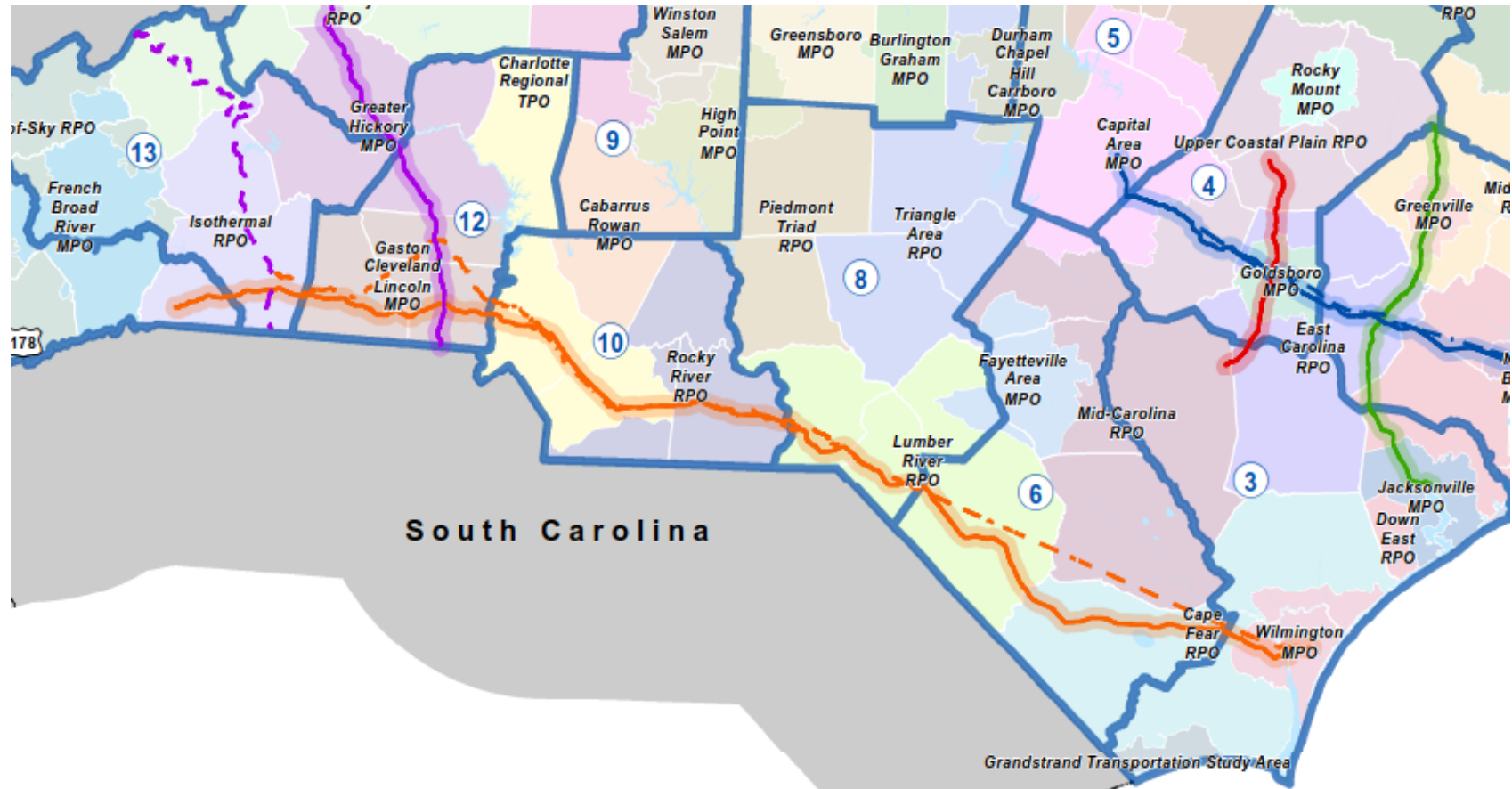
MARCH 2015

Source: NCDOT/Map, NCDOT GIS, ESRI

Strategic Transportation Corridors (solid = highway; dashed = rail)			
A (US74W)	F (I73/Future I73)	K (US421/NC87)	P (US70E/NCRR)
B (US441)	G (I77)	L (US1)	Q (I40)
C (I26/US23)	H (I74/Future I74)	M (I495/US64E)	R (US64W/NC49)
D (US32/CSX)	I (I85)	N (US13)	S (I795/US117)
E (US421W)	J (US29N/NS)	O (US17)	T (I85/CSX)
			U (US74W/US74E)
			V (US264E)
			W (US401/NC24/US258)
			X (US258/NC11/US13)
			Y (US158)

NC Seaports
 NC Int'l or Major Freight Airports

**NORTH CAROLINA
STRATEGIC TRANSPORTATION
CORRIDORS NETWORK**



US 74 (Corridor U)

From I-26 to Wilmington

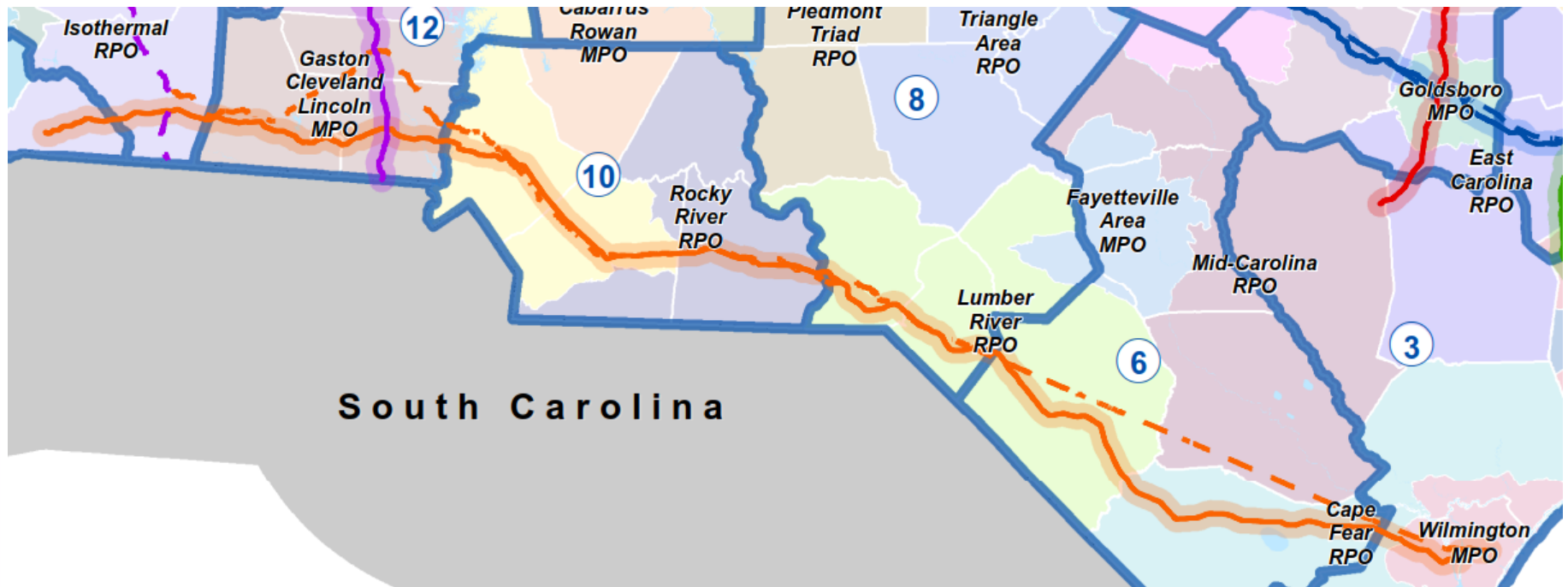
Corridor Inspections

- Inspection Dates: March 5-7
- Areas of Focus
 - Travel experience
 - Major connections
 - Wayfinding
 - Major land uses
 - Physical/environmental (human and natural) constraints
 - Highlighted issues

U.S. 74/CSX (Corridor U)

From I-26 to Wilmington

- Freight route from Wilmington to Charlotte
- Major connections to I-74, I-95, I-85, I-77, I-40
- Interstate, freeway, expressway, and boulevard



U.S. 74 (Corridor U)

- Provides direct freight movement from the Port of Wilmington to Charlotte Inland Terminal
- Major International Airports
- Urban Centers versus Rural Areas
- Variety of land uses along the corridor
- Like-minded long-term vision for the corridor

Data Collection

- Previous studies and STIP projects
- Environmental GIS layers
- Local transportation and land use plans
- Travel demand models
- Ports, airports, and transit inventory
- Bicycle inventory / Bike & ped plans
- Performance measures
- Travel markets and freight flows

Agency Engagement

- Corridor Steering Committee
 - MPO/RPO staff
 - NCDOT disciplines and Divisions
 - FHWA
 - USMC, Ports, Global TransPark
- Meetings with MPO/RPO Staff, TAC, TCC

Stakeholder Engagement

- Wilmington Airport
- Sunny Point Military Ocean Terminal
- Schools: UNC Pembroke and UNC Wilmington
- Public Transit: Wave Transit, Greyhound
- Municipal and County Managers
- Chamber of Commerce
- New Hanover Regional Medical Center
- Health Services, Emergency Management
- Walmart, other large businesses

Public Engagement

- Via MPO/RPO and Stakeholders:
 - PublicInput.com
 - MetroQuest
 - Stakeholder Workshop
 - One on One interviews

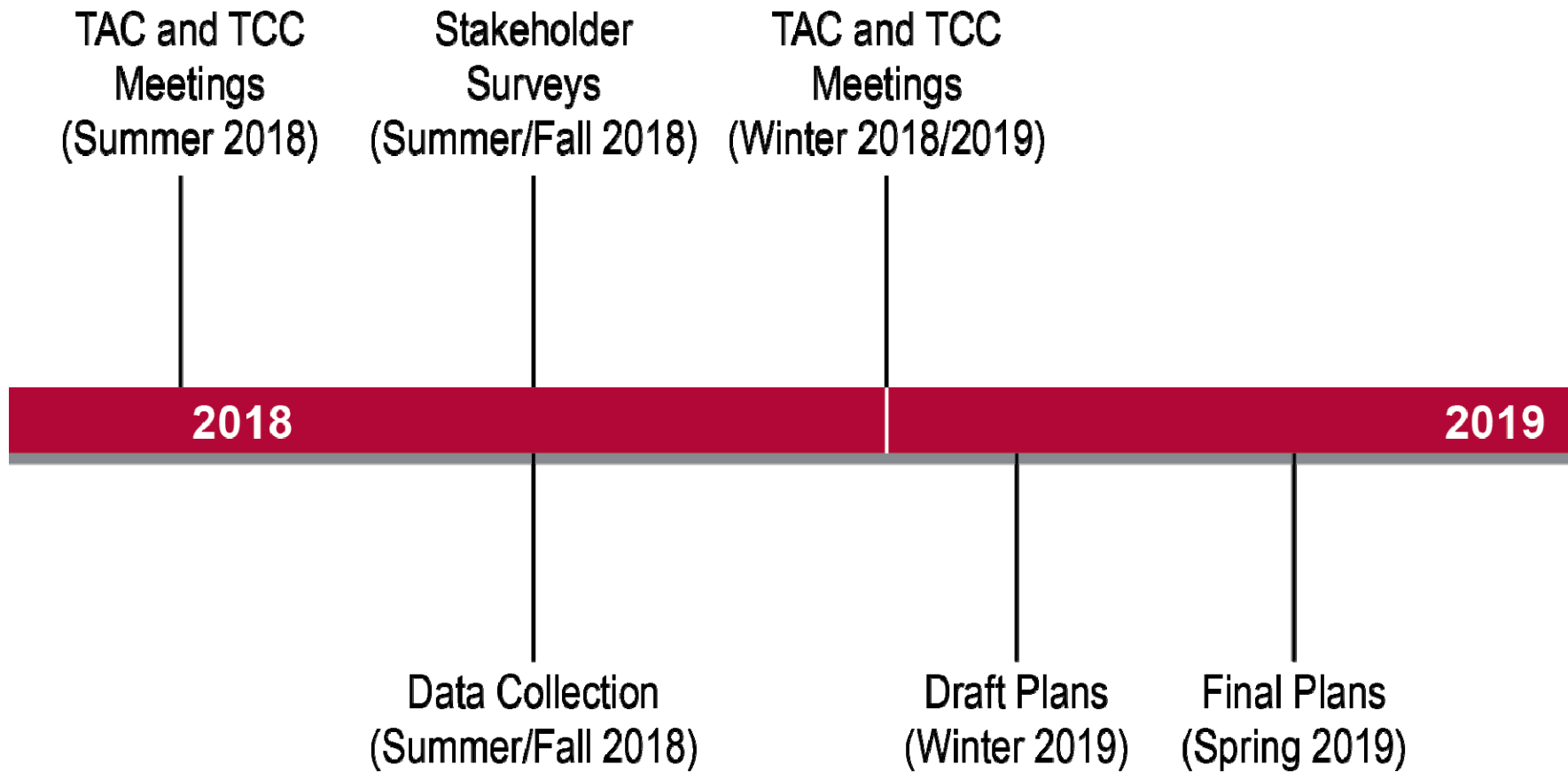
Plan Deliverable: Unified Statewide Vision per Corridor

- Corridor Map
- Corridor Profile
- Problem Statement for Sub-Corridors
- Corridor Access Management Recommendations
- Strategic Corridor Conditions Report
- Developing Strategies and Identifying Recommendations Report

Elements Potentially Included

- Facility type
- Multimodal accommodations
- Access management / UDO change
- Sub-corridors
 - Sequencing of potential projects
 - Purpose and need statements
 - Timeframe
- Interim strategies

Master Plan Next Steps



Questions?