



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.

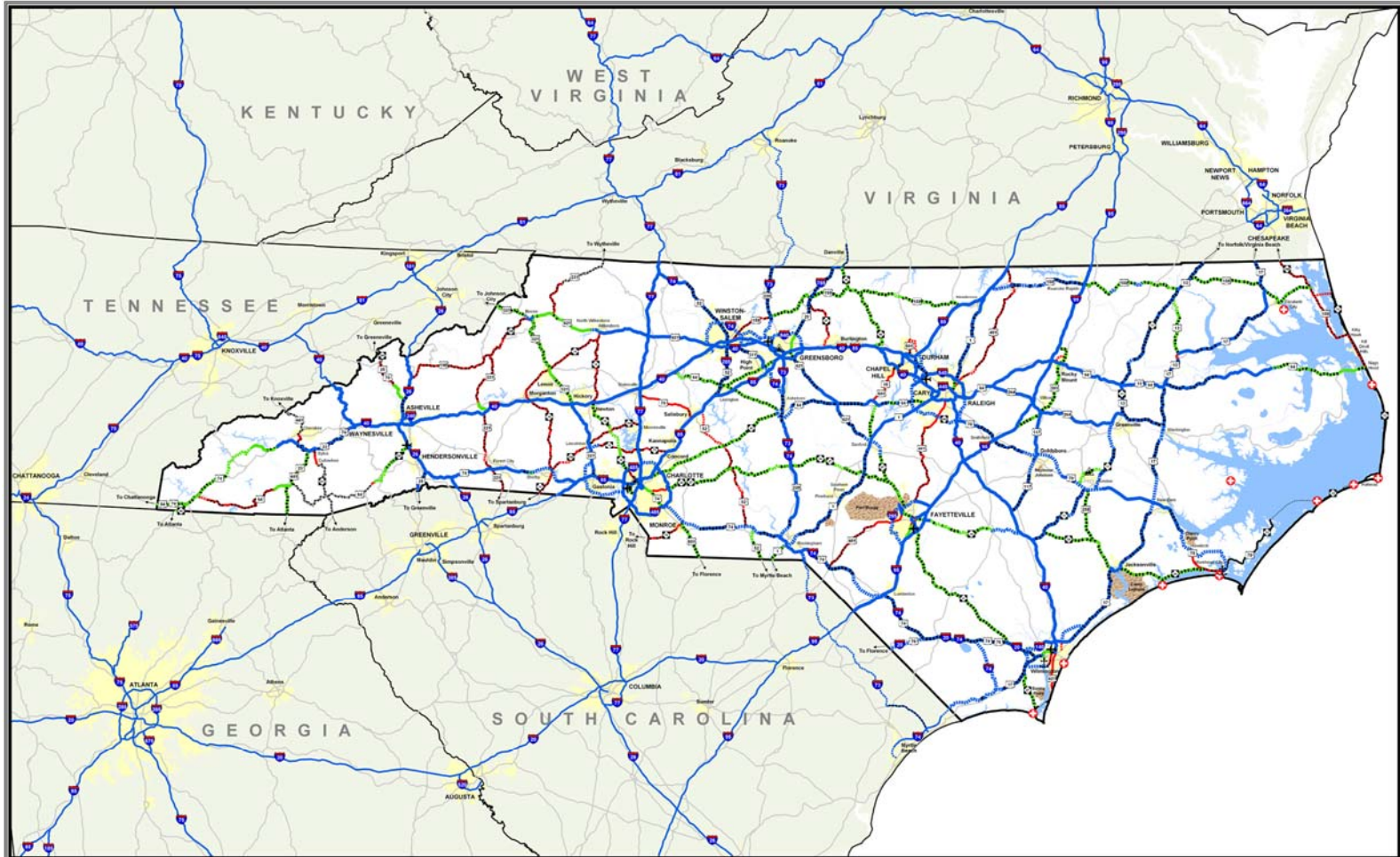
Strategic Transportation Corridors



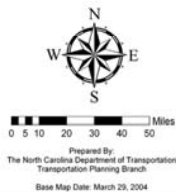
Strategic Highway Corridors vs. Strategic Transportation Corridors

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

Strategic Highway Corridors

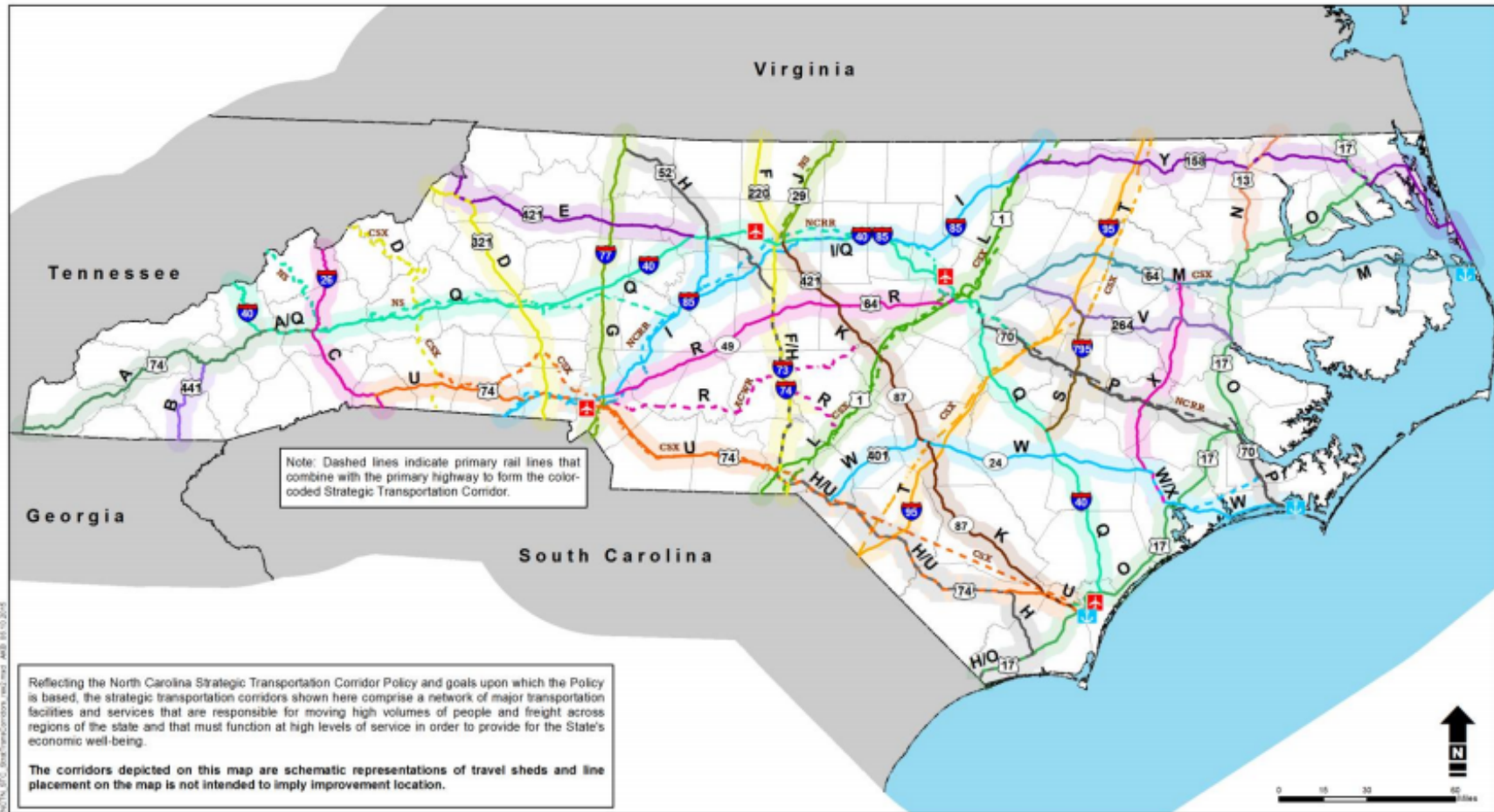


Vision Plan
 Adopted by The North Carolina Board of Transportation
 Plan Date: September 2, 2004
 Revised: July 10, 2008



- Legend**
- | | | |
|------------------------------------|----------------------|------------------------------|
| Strategic Highway Corridors | | — US/Other Route |
| Freeways | Boulevards | — Statewide Tier Ferry Route |
| — Existing | — Existing | ⚓ State Port |
| — Needs Upgrade | — Needs Upgrade | ✈ Major Airport |
| — Recommended | — Recommended | ⚓ Intermodal Connector |
| Expressways | Thoroughfares | ⚓ Coast Guard Station |
| — Existing | — Existing | ⚓ Major Military Base |
| — Needs Upgrade | — Needs Upgrade | ⚓ Urban Area |
| — Recommended | — Recommended | ⚓ Water Features |

Strategic Transportation Corridors



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



**NORTH CAROLINA
TRANSPORTATION
NETWORK**

MARCH 2015

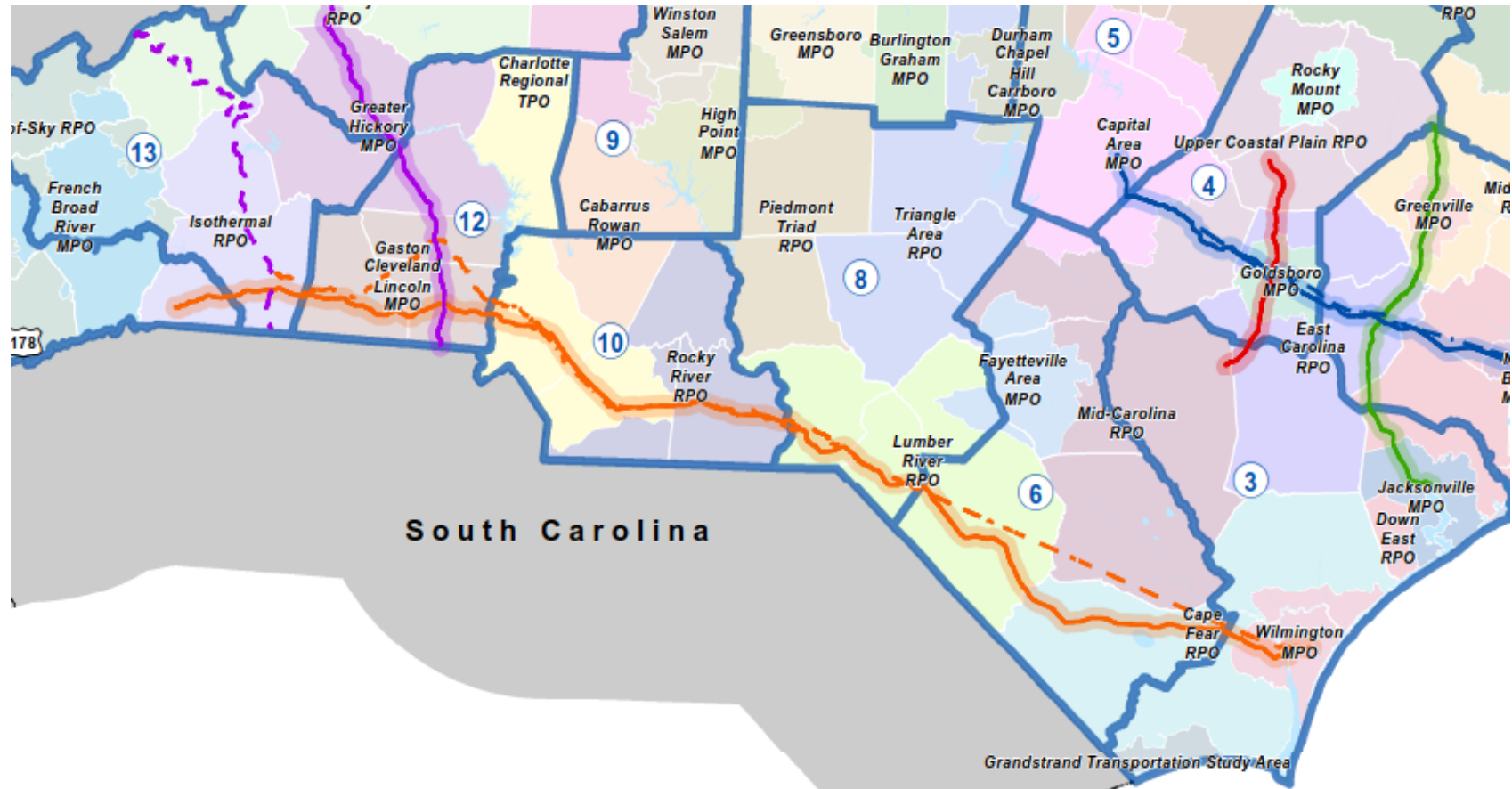
Source: NCDOT/Map, NCDOT GIS, ESRI

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

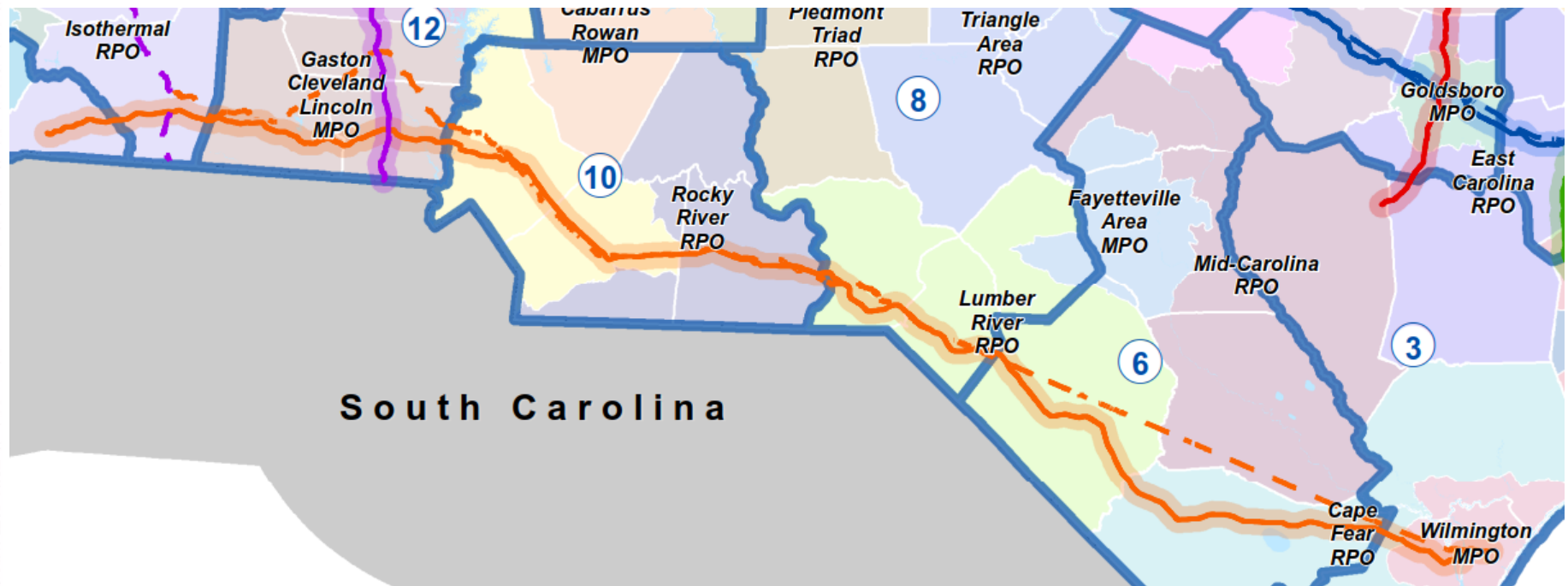
Corridor Inspections

- 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

- Charlotte Douglas Airport
- Sunny Point Military Ocean Terminal
- Schools: UNC Charlotte
- Public Transit: Charlotte Area Transit System
- Municipal and County Managers
- Chamber of Commerce
- Novant Health Presbyterian Medical Center
- Emergency Management
- Tourism and other transportation generators

Public Engagement

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

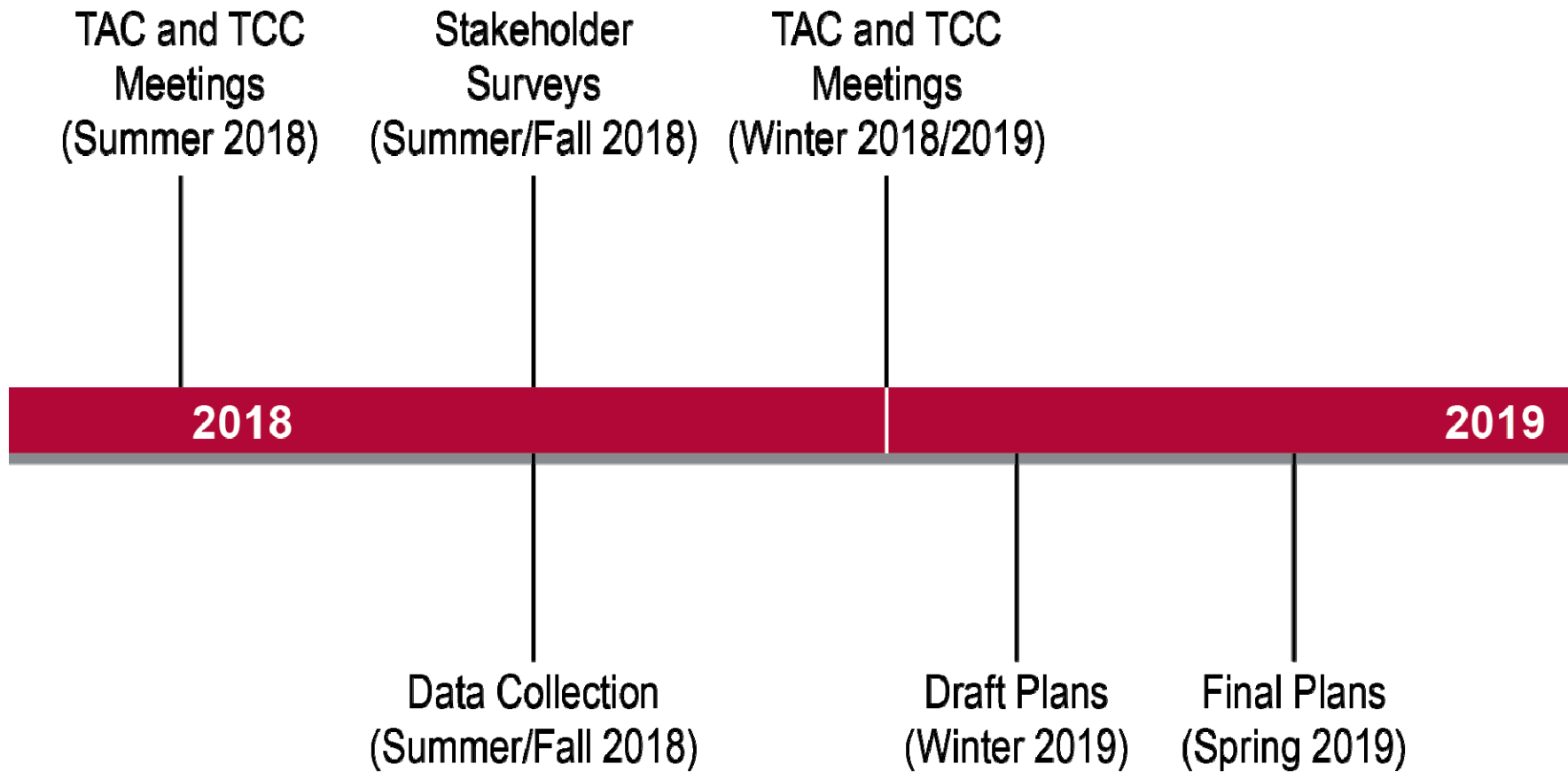
Plan Deliverable: Unified Statewide Vision per Corridor

- 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?