

Greater Charlotte Regional Freight Mobility Plan

Steering Committee Kick off Meeting #1



Welcome

**Centralina Council of
Governments**

**525 N. Tryon Street, 12th
Floor, Charlotte, NC**

June 19, 2015

9:00am—11:00am



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Agenda

- Welcome and Introductions
- Freight Plan Overview
- Overview of Scope of Work
- Stakeholder Involvement
- Roles and Responsibilities of the Coordinating Committee
- Follow-up and Next Steps



Source: The Charlotte Observer

Question

What page of the Final Plan will you turn to first?

In other words, what are your priorities to improve regional freight mobility?

Overview of Scope of Work

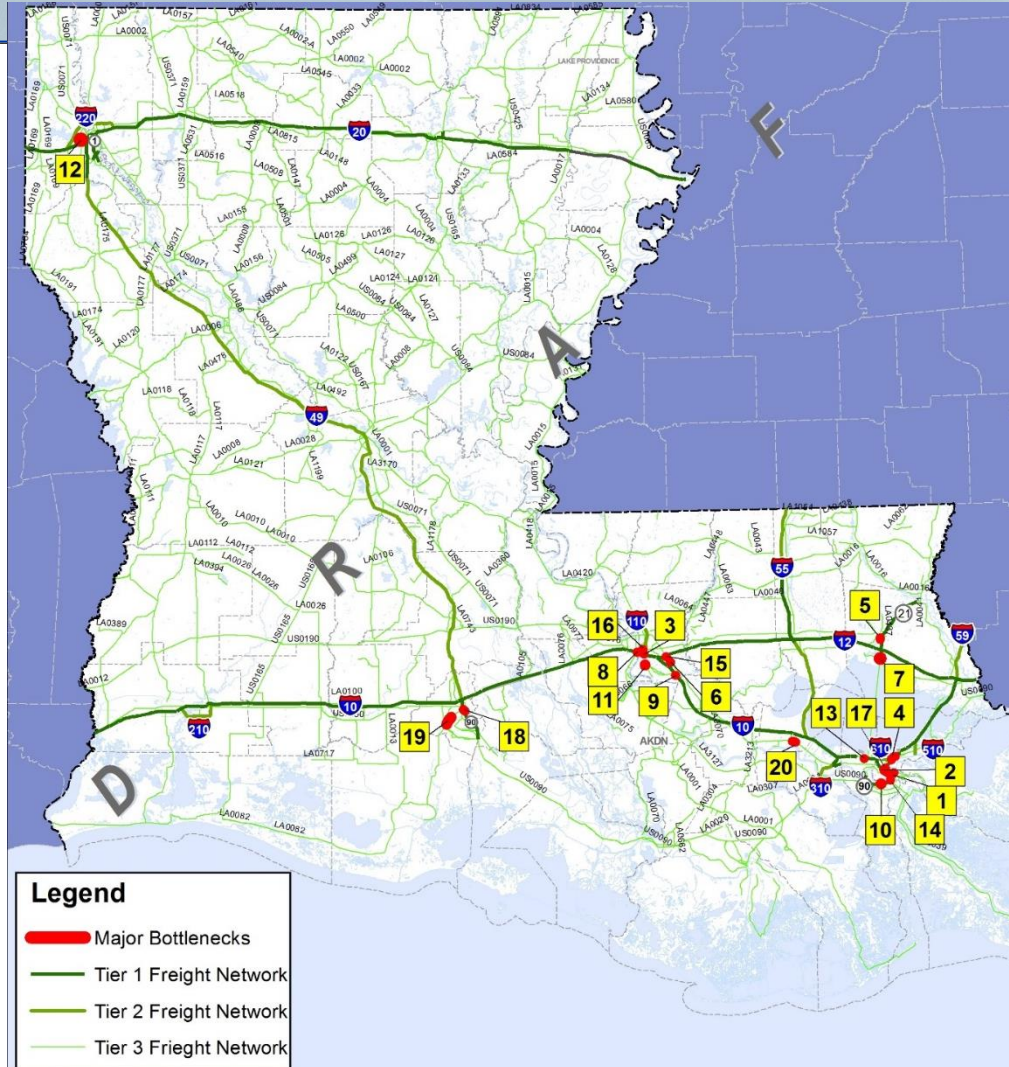
- Task 0: Project Management
 - Project Management Plan—Sets the framework for how the CCOG and the CDM Smith team will deliver the Freight Plan
 - Stakeholder Involvement Plan—Includes the approach to engage and use the information gleaned from the private and public sectors.



Overview of Scope of Work

- **Task 1: Analysis of Existing Conditions for Truck and Rail Freight Mobility in Region**
 - 1.1 Truck Freight Bottleneck Analysis-Interstate and Major Regional Routes
 - 1.2 Truck Origin/Destination Analysis and Identification of Critical Freight Corridors
 - 1.3 Truck Network Identification
 - 1.4 Truck Freight Economic Impact Analysis
 - 1.5 Truck Parking Facility/Utilization Rate Analysis
 - 1.6 Overview of the Rail Freight System and Identification of Key Corridors and Facilities
 - 1.7 Existing Freight Rail System Bottlenecks and Constraints
 - 1.8 Existing Commodity Freight Flow and Train Volume Analysis
 - 1.9 Rail Freight Economic Impact Analysis
- **DELIVERABLE: Truck and Rail Existing Conditions Technical Memorandum**

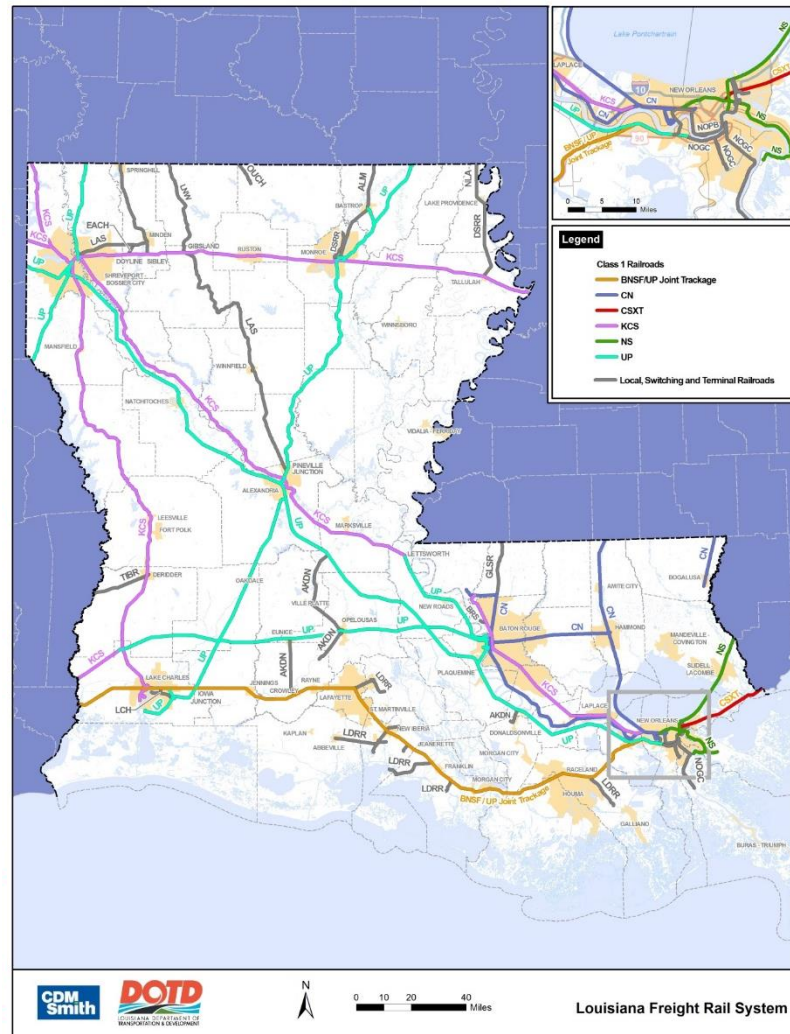
Task 1 Example Information



Overview of Scope of Work

- **Task 2: Land Use, Facility, Infrastructure and Regulatory Gap/Future Demand Analysis**
 - 2.1 Inventory of Existing Regional Freight/Intermodal Land Use
 - 2.2 Regional Freight Land Use Policies and Regulations
 - 2.3 Intermodal and Truck Parking Facility Capacity
 - 2.4 Road Network Corridors (Interstate and Local)
 - 2.5 Rail Network Corridors (Dedicated and Shared Use)
- **DELIVERABLE: Land Use, Facility, Infrastructure, and Regulatory Gap/Future Demand Technical Memorandum**

Task 2 Example Information



















Overview of Scope of Work

- **Task 3: Best Practices in Freight Mobility Efficiency, Safety and Technology (ITS)**
 - 3.1 Peer Review of National Freight Mobility Plan 'Best Practices' Models
 - 3.2 Future Technology Trends and Applications
 - 3.3 Freight Safety and Security Features
 - 3.4 Opportunities for Public/Private Partnerships
- **DELIVERABLE: Regional Freight Mobility Best Practices Technical Memorandum**

Overview of Scope of Work

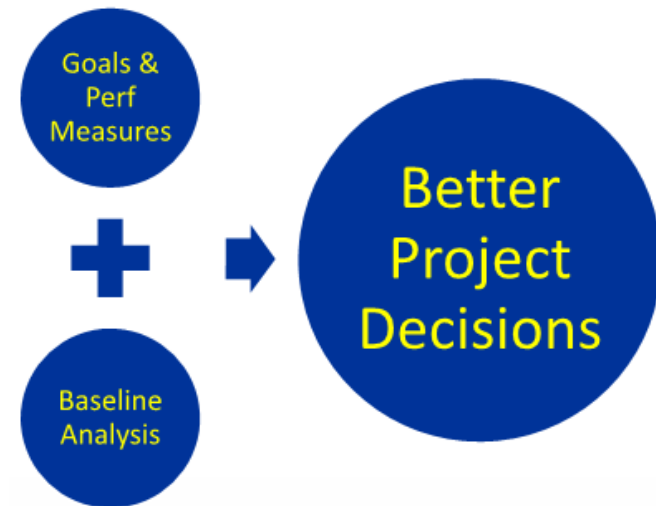
- **Task 4: Prioritize List of Regional Needs**
 - 4.1 Prioritize List of Regional Needs (for inclusion in CTP, MTP and STIP processes)
 - 4.2 Policy Recommendations
- **DELIVERABLE: Priority Freight Projects and Policies Technical Memorandum**

Task 4 Example Information

| Goal | Project Prioritization | Criteria | Scoring Factors |
|--|--|--|--|
| Improve the freight transportation system for better economic efficiency, productivity, and competitiveness | <ul style="list-style-type: none"> Is on the defined tiered network Improves access to/from existing or developing freight hubs Provides access to energy areas Preserves freight reliant jobs Improves freight network access Improves access to freight generators Improves access among two or more modes Supports retention or expansion of business Supports or expands freight related land use |  Freight Impacted |  Does not improve |
| | |  Freight Related |  Somewhat improves |
| | |  Freight Focused |  Improves |
| | | |  Significantly improves |
| | | |  Greatly improves |
| | | | |
| Reduce congestion on the freight transportation system | <ul style="list-style-type: none"> Improves bridges with vertical clearance issues or weight restrictions Addresses freight bottlenecks Improves multimodal connections Improves system capacity and/or freight operations Establishes or improves access to intermodal, transload, and/or air cargo facilities Improves rail/truck at-grade crossing delays |  Freight Impacted |  Does not reduce |
| | |  Freight Related |  Somewhat reduces |
| | |  Freight Focused |  Reduces |
| | | |  Significantly reduces |
| | | |  Greatly reduces |
| | | | |

Overview of Scope of Work

- **Task 5: Develop Regional Freight Performance Measures in Accordance with USDOT/MAP-21 Recommendations and State Strategic Freight Plan Requirements**
 - 5.1 Determine Quantitative Metrics to Support MAP-21 and NCDOT Requirements
 - 5.2 Define Regional Quantitative Data Collection Processes and Partner Responsibilities
- **DELIVERABLES Freight Performance Measures Technical Memorandum**



Task 5 Example Information

| Goal | Performance Measure | Details/Comments |
|--|----------------------------|---|
| Improve the freight transportation system for better economic efficiency, productivity, and competitiveness | Truck Volume (AADTT) | % increase/decrease |
| | Freight reliant jobs | Number of jobs |
| | Rail carloadings/lifts | Number |
| | Bottlenecks | The number and severity of freight bottlenecks |
| Reduce congestion on the freight transportation system | Travel Time Reliability | The percentage of travel that is greater than 45 mph on limited access highways |
| | Truck Hours of Delay | Directional hourly truck volumes and travel time |
| | Average Truck Travel Speed | % increase/decrease |
| | Truck Miles Traveled | Determined using truck traffic volume and segment length. |

Overview of Scope of Work

- **Task 6: Develop Draft and Final Greater Charlotte Freight Mobility Plan Report**
 - 6.1 Develop Draft Plan/Report with Findings and Recommendations
 - 6.2 Present Draft to Project Steering Committee for Review/Comment
 - 6.3 Present Draft at Public Meetings for Review/Comment
 - 6.4 Submit Final Report incorporating comments to CCOG
- **DELIVERABLES: Hard and electronic copies of the Draft and Final Greater Charlotte Regional Freight Mobility Plan, Executive Summary, and all pertinent electronic data files and documents**

Scope of Work— How It All Fits

Existing Conditions

Bottlenecks

Commodity Flows

O-D Analysis and
Freight Corridors

Network
Identification

Economic Impacts

Truck Parking

Land Use, Facility, Infrastructure & Regulatory Gaps

Existing Land Uses

Regional Freight
Land Use Policies
and Regulations

Truck Parking
Capacity and
Needs

Road/Rail
Network Corridor
Demand

Best Practices

Technology
Trends

Safety and
Security

Public Private
Partnerships

Prioritizing Regional Needs

Bottlenecks & LOS

Pavement/Bridge
Conditions

High Crash
Location

Economic
Opportunity

Rail/Truck Grade
Crossings

Intermodal
Connections

Performance Measures

Goals Addressed

Freight Impacted,
Related or
Focused

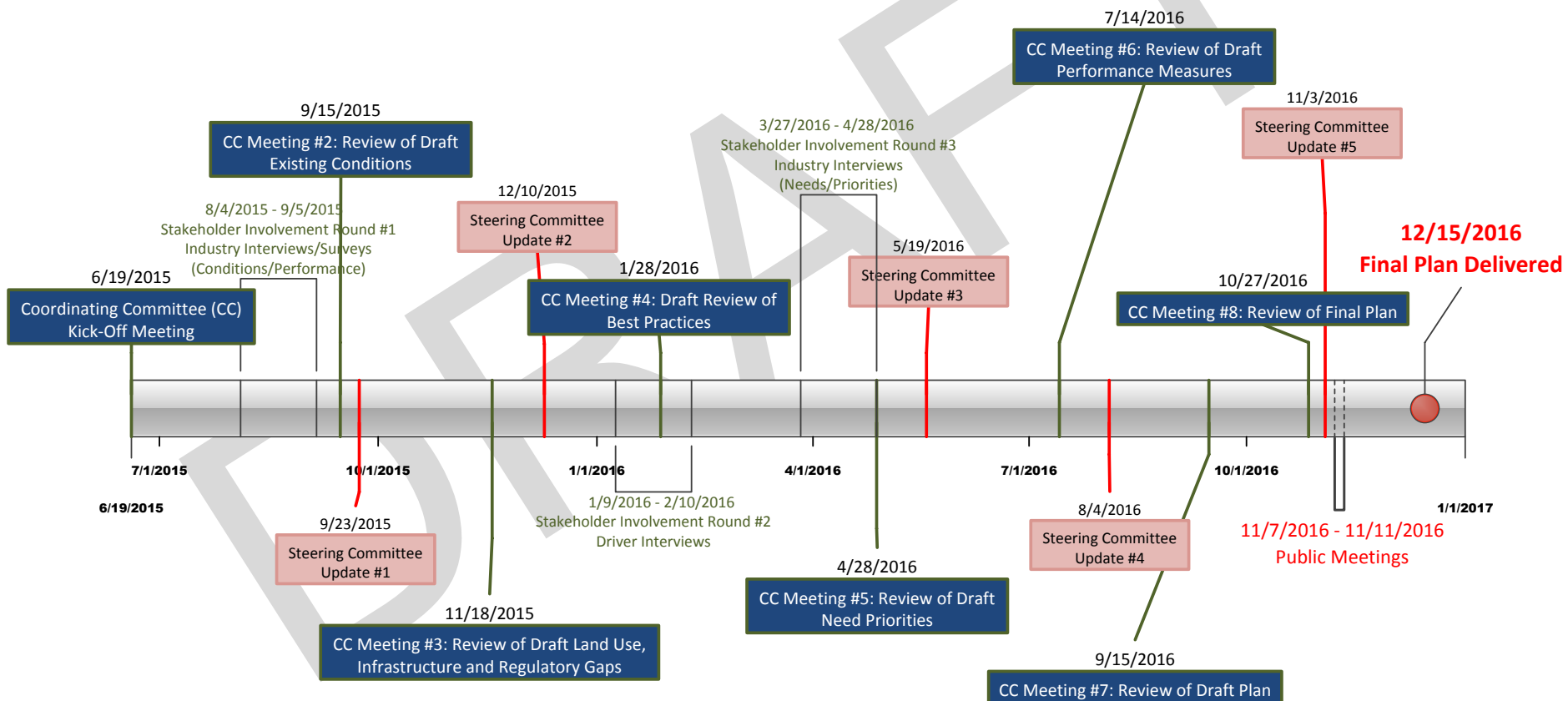
Quantifiable and
Trackable



Greater Charlotte Regional Freight Mobility Plan

Stakeholder Engagement

Stakeholder Involvement—Draft



Roles and Responsibilities of the Coordinating Committee

- Advise the study on freight-related stakeholders, issues, priorities, projects, and funding needs
- Serve as a forum for discussion of issues affecting freight transportation
- Provide input on regional freight priorities
- Promote the sharing of information between the private and public sectors on freight issues
- Participate in the development of the final Charlotte Regional Freight Mobility Plan and update your organization on the progress and findings
- Assist in implementation of the Plan and education of the public, private industry, and public and elected officials

Coordinating Committee Meeting Schedule

- Propose eight (8) meetings throughout the development of the Plan that coincide with major deliverable(s) review.
 - Meeting #1—Kick-off (**Today**)
 - Meeting #2—Review of Draft Existing Conditions (**mid-Sept. 2015**)
 - Meeting #3—Review of Draft Land Use, Infrastructure and Regulatory Gaps (**mid-Nov. 2015**)
 - Meeting #4—Review of Draft Best Practices (**late Jan. 2016**)
 - Meeting #5—Review of Draft Need Priorities (**late April 2016**)
 - Meeting #6—Review of Draft Performance Measures (**mid July 2016**)
 - Meeting #7—Review of Draft Plan (**late Sept. 2016**)
 - Meeting #8—Review of Final Plan (**late Oct. 2016**)

Plan Development Schedule

| ID | Task Name | Q3 15 | | | Q4 15 | | | Q1 16 | | | Q2 16 | | | Q3 16 | | | Q4 16 | | |
|----|---|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|-------|-----|-----|
| | | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
| 1 | Task 0: Project Management and Stakeholder Involvement | | | | | | | | | | | | | | | | | | |
| 2 | Task 1: Analysis of Existing Conditions for Truck and Rail Freight Mobility in the Region | | | | | | | | | | | | | | | | | | |
| 3 | Task 2: Land Use, Facility, Infrastructure and Regulatory Gap/Future Demand Analysis | | | | | | | | | | | | | | | | | | |
| 4 | Task 3: Best Practices in Freight Mobility Efficiency, Safety and Technology (ITS) | | | | | | | | | | | | | | | | | | |
| 5 | Task 4: Prioritize List of Regional Needs | | | | | | | | | | | | | | | | | | |
| 6 | Task 5: Develop Regional Freight Performance Measures in Accordance with USDOT/MAP-21 Recommendations and State Strategic Freight Plan Requirements | | | | | | | | | | | | | | | | | | |
| 7 | Task 6: Develop Draft and Final Greater Charlotte Freight Mobility Plan Report | | | | | | | | | | | | | | | | | | |

Follow-up Items and Next Steps

- Contracting
- Distribution of draft Stakeholder Involvement Plan
- MPO Coordination and Data Collection
- Stakeholder Involvement Round #1
- Existing Conditions Analysis and Technical Memorandum
- Next Coordinating Committee Meeting—Mid-September

Greater Charlotte Regional Freight Mobility Plan

Steering Committee Kick off Meeting #1

Open Discussion

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