MEMORANDUM

To: DCHC MPO Board

From: DCHC MPO Lead Planning Agency

Date: August 8, 2018

Subject: Lead Planning Agency (LPA) Synopsis of Staff Report

This memorandum provides a summary status of tasks for major DCHC MPO projects in the Unified Planning Work Program (UPWP).

- Indicates that task is ongoing and not complete.
- ✓ Indicates that task is complete.

<u> Major UPWP – Projects</u>

Comprehensive Transportation Plan (CTP)

- ✓ Completed
- Minor update is proposed to address Farrington Road

2045 Metropolitan Transportation Plan (MTP)

• 2045 MTP to be amended for Air Quality Conformity Determination — September-November 2018

MPO Community Viz. Scenarios Planning and Visualization -2.0 (Connect 2025)

- ✓ Field verification Complete
- ✓ Focus Groups/Delphi Process FY 2015
- ✓ Model update and testing September 2016
- ✓ Model/Scenario Building May 2017
- ✓ Adopted SE Data December 2017

2016/2017 MPO Data Collection & Surveillance of Change (Traffic/Travel Time/Crash/Transit)

- ✓ Data collection (Volume/Trucks/Travel Time/Speed/Bike/Ped) ongoing –continuous data collection
- ✓ Data collection (AirSage, INRIX, HERE data)
- ✓ Transit data collection ongoing –continuous data collection

GIS Online (AGOL)/Data Management

- ✓ MPO Interactive GIS/Mapping Continuous/On-going
- ✓ Development of public portals for MPO applications Continuous/On-going
- ✓ Maintenance and updates Continuous/On-going
- ✓ Development of open data Continuous/On-going

MPO Website Update and Maintenance

- ✓ Post Launch Services Continuous/On-going
- ✓ Interactive GIS Continuous/On-going
- ✓ Facebook/Twitter management Continuous/On-going
- ✓ Enhancement of Portals Continuous/On-going

Triangle Regional Model Update

- ✓ Completed
- Work Commences on the Rolling Household Survey

Prioritization 5.0/STI/FY 2020-2029 TIP Development

- ✓ Summarize MPO P4 projects not funded ("Holding Tank" for P5) –February 2017
- ✓ Board approves existing projects revisions/modifications projects to be submitted for SPOT-5 May 10, 2017 (deadline July 30, 2017)
- ✓ Preparation and ranking of new projects (23 for each mode) –February to June 2017
- ✓ Existing project revision/modification/deletion due to NCDOT for receiving extra new submittals (one out, one in) July 30, 2017
- ✓ SPOT-5 Online opens for entering new P5 projects July 5 (deadline September 29, 2017)
- ✓ Board approves new projects to be submitted for SPOT-5 September 13, 2017
- ✓ MPO submits new SPOT-5 projects to NCDOT September 29, 2017
- ✓ LPA updates local ranking methodology December 2017
- ✓ TCC makes recommendation on local ranking methodology January 2018
- ✓ Board approves local ranking methodology March 2018
- ✓ MPO applies local ranking methodology for Regional projects April 2018
- ✓ Board releases MPO initial Regional points list for local input/public comments May 9, 2018
- LPA addresses public comments and makes draft recommendation on local points for Regional category – June 2018
- Approval of Regional Impact points June-July 2018
- Submission of Regional Impact points to NCDOT July 2018
- MPO applies local ranking methodology for Division projects August 2018
- Board releases MPO initial Division points list for local input/public comments September 12, 2018
- LPA addresses public comments and makes draft recommendation on local points for Division category – October 2018
- Approval of Division Impact points November 14, 2018
- Submission of Regional Impact points to NCDOT November 2018
- Draft STIP Released January 2019

Regional Freight Plan

- ✓ Consultant Selection/Contract Approval Complete
- ✓ Kick-Off Meeting Conducted in July 2015
- ✓ Stakeholder outreach and engagement October 2015
- ✓ Formation of the freight advisory committee October 2015
- ✓ Data collection, analysis and assessment November 2015
- ✓ Freight goals & objectives and performance measures February 2016
- ✓ Analysis of freight existing conditions and trends TBD
- ✓ Forecasts of future demands (2035 and 2045) TBD
- ✓ Evaluation of future conditions TBD
- ✓ Strategic freight corridors and zones TBD

- ✓ Recommendation & implementation strategies TBD
- Final report and presentation September 2018
- Approve formal report October 2018

MPO ADA Transition Plan

- ✓ Update self-assessment Underway
- ✓ Draft MPO Transition Plan August 2015
- ✓ Local reviews September 2015
- ✓ FHWA review September 2015
- ✓ Public comments October-December 2015
- ✓ Stakeholder outreach February 2017
- ✓ Roundtable discussion May 11, 2017
- ✓ Self-assessment Data Analysis July 2017-December 2017
- ✓ FHWA/NCDOT Final Review February 2018
- ✓ Final approval December 2017
- Implementation and self-evaluation Ongoing

NC 98 Corridor Study

- ✓ Project kick-off and initial public engagement February 2017
- ✓ Transportation analysis (and public engagement) June 2017
- ✓ Conceptual designs and options (and public engagement) September/October 2017
- ✓ Draft Final plan February 2018
- ✓ Recommendation/Public workshop Underway
- Release final report for comment August 2018
- Approve formal report September 2018

NC 54 West Corridor Study

- ✓ Select consultant February 2017
- ✓ Project kick-off and initial public engagement September 2017
- ✓ Inventory and Existing Conditions November 2017
- ✓ Transportation analysis (and public engagement) January 2018
- ✓ Conceptual designs and options (and public engagement) May 2018
- Final plan September 2018

US 15-501 Corridor Study

- ✓ Funding approved by NCDOT
- ✓ Project Management Plan
- ✓ Public engagement plan
- ✓ Technical Kick-off meeting
- Development of corridor vision goals and performance measures
- Development of corridor profile
- Prepare summary of existing plans
- Prepare community profile report
- Develop and forecast travel profile/multi modal analysis
- ITS Screening
- Accessibility evaluation
- Evaluation of alternative strategies
- Implementation plan and final report
- Plan adoption

• SPOT submittal

Regional Intelligent Transportation System

- ✓ Project management plan
- Development of public involvement strategy and communication plan
- Conduct stakeholder workshops
- Analysis of existing conditions
- Assessment of need and gaps
- Review existing deployments and evaluate technologies
- Identification of ITS strategies
- Update Triangle Regional Architecture
- Develop Regional Architecture Use and maintenance
- Develop project prioritization methodology
- Prepare Regional ITS Deployment Plan and Recommendation

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Regional Toll Study

- ✓ Prepare project management and coordination plan
- ✓ Project initiation
- ✓ Survey and questionnaire/education
- ✓ Data preparation /data collection/screening
- ✓ Review state of the practice
- ✓ Analysis of market characteristics
- Screening
- Tolling and managed lane strategies
- Recommendations
- Project prioritization

Project Development/NEPA

- US 70 Freeway Conversion
- NC 54 Widening
- NC 147 Interchange Reconstruction
- I-85
- I-40

DOLRT-Engineering

- Administration of the Staff Working Group
- Review of engineering plans
- Stakeholder participation

Safety Performance Measures Target Setting

- ✓ Data mining and analysis
- ✓ Development of rolling averages and baseline
- ✓ Development of targets setting framework
- ✓ Estimates of achievements
- Forecast of data and measures

Up Coming Projects

- Mobility Report Card
- Congestion Management Process (CMP)
- State of Systems Report