

MEMORANDUM

To: DCHC MPO Board

From: DCHC MPO Lead Planning Agency

Date: February 8, 2017

Subject: **Lead Planning Agency (LPA) Staff Report**

This memorandum provides a summary status of tasks for projects in the FY 2014-2015 Unified Planning Work Program.

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

FY 2015-2016 Unified Planning Work Program (UPWP) – Projects

Comprehensive Transportation Plan (CTP)

- ✓ Deficiency Analysis – December 2014-January 2015
- ✓ Release Draft CTP Deficiency Analysis for Public Comment – February 2015
- ✓ Submit draft CTP to NCDOT for internal review – June 2016
- ✓ Release CTP for Public Comment – December 2016
- ✓ Draft CTP to Local Jurisdictions - December 2016 to February 2017
- MPO Adopt CTP – April 2017
- NCDOT BOT Adopt CTP – June 2017
- Final CTP documentation and distribution – June 2017

2045 Metropolitan Transportation Plan (MTP)

- ✓ MTP Schedule/Timeline & development process Approval – January 2016
- ✓ MTP Public Involvement plan – January 2016
- ✓ MTP Goals, Objectives and Performance Measures – In progress
- Deficiency Analysis & Needs Assessment– March 2017
- Socioeconomic Forecasts – March 2017
- Land use Scenarios – March 2017
- Alternative Analysis – June 2017
- Preferred Option –September 2017
- Air Quality analysis and Conformity Adopted (if required) – TBD
- Adopt 2045 MTP and Conformity Determination Report (CDR) (If required) – November 2017
- Technical report and implementation – November 2017

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 – April 2017
- Adopted SE Data – November 2017

SE Data Update & Projections – Employment /Housing/Population Verification

- ✓ Setup of Employment Analyst Web tool using INFO-USA data - complete
- ✓ Conduct training of local planner use of Employment Analyst - December 2015
- ✓ Base Year Employment/population and housing update and quality checks – August 2015
- ✓ Development of socio-economic and demographic County Guide Totals – September 2016
- ✓ Local Review/concurrence and endorsement of County Guide Totals – February 2017
- ✓ TRM Service Bureau review of base SE Data – August – September 2015
- Development of 2025, 2035 and 2045 socio-economic and demographic projections and forecasts – April 2017

2015/2016 MPO Data Collection & Surveillance of Change (Traffic/Travel Time/Crash/Transit)

- ✓ Data collection (Volume/Trucks/Travel Time/Speed) – ongoing –continuous data collection
- ✓ Data collection (Volume/Trucks/Travel Time/Speed) – ongoing –continuous data collection
- ✓ 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

MPO Congestion Management Process/Mobility Report Card (MRC)

- ✓ Mobility Report Card – Draft report under review
- ✓ Congestion monitoring – Continuously – On-going

MPO Website Update and Maintenance

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

Triangle Regional Model Update

- ✓ Household Survey – Pilot completed
- ✓ Parking Survey
- ✓ Household Survey – On-going
- ✓ Onboard Transit Survey – Fall 2015/Spring 2016
- ✓ Calibration/Validation of Models for MTP analysis
- ✓ Sensitivity and elasticity analysis for travel demand model
- ✓ Generation of model measures of effectiveness
- Generate demand forecasts for horizon year and intermediate years

Prioritization 5.0/STI

- Summarize MPO P4 projects not funded (“Holding Tank” for P5) –February 2017
- Existing project deletion due to NCDOT for receiving extra new submittals (one out, one in) – June 16, 2017
- Preparation and submission of existing projects revisions / modifications – February to June 2017
- Board approves existing projects revisions/modifications projects to be submitted for SPOT-5 – May 10, 2017 (deadline June 16, 2017)
- Preparation and ranking of new projects (23 for each mode) –February to May, 2017
- Board approves new projects to be submitted for SPOT-5 – June 14, 2017

- SPOT-5 Online opens for entering new P5 projects July 5 to September 15, 2017
- MPO submits new SPOT-5 projects to NCDOT – September 1, 2017
- LPA updates local ranking methodology – February 2017
- TCC makes recommendation on local ranking methodology – February 2017
- Board approves local ranking methodology – March 2017
- Deadline for approval of Local Input Points Assignment Methodologies – April 1, 2017
- MPO applies local ranking methodology (points) – April - May 2017
- Board releases MPO assigned points for local input/public comments – May 11, 2016
- Board holds public hearing – June 2017
- LPA addresses public comments and makes draft recommendation on local points for Regional category – June, 2017
- Approval of Regional Impact points – June, 2017
- Submission of Regional Impact points to NCDOT – June 2017
- Assignment of Division Needs points (begins August 2017)
- Compile MPO comments to NCDOT on Draft FY18-27 STIP – due February 15, 2017
- Meet with NCDOT representatives for formal comments on Draft STIP – March 8, 2017

2018-2027 MTIP

- LPA Staff releases call for projects for inclusion into 2018-27 MTIP – February 22, 2017
- MPO Board releases Draft STIP for public comment – March 8, 2017
- MPO Board holds public hearing on Draft STIP – April 12, 2017
- Local projects due to LPA staff for inclusion in MTIP – April 17, 2017
- Draft MTIP prepared by LPA staff – May 10, 2017
- Final amendments to FY16-25 STIP due to LPA staff – May 10, 2017
- TC reviews Draft MTIP and FY16-25 STIP Amendment – May 24, 2017
- MPO Board reviews Draft MTIP – June 14, 2017
- State Board of Transportation approves FY18-27 STIP – June 2017
- TC approval of the 2018-27 MTIP – July 26, 2017
- MPO Board Approval of the 2018-2027 MTIP – August 9, 2017

MPO Environmental Justice (EJ) Report

- ✓ Review of Draft Environmental Justice Report – Completed and adopted by the Board
- ✓ Draft Environmental Justice public update as recommended by the Federal Certification – (awaiting federal rule making)
- ✓ Analysis and integration of MTP Environmental Justice component – TBD

MAP-21 Performance Measurement

- ✓ Federal requirement – to be developed in concert with NCDOT and transit operators – On-going

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 – TBD

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 – February/March 2017
- Final approval – August 2017

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) – August 2017
- Final plan – February 2018

NC 54 West Corridor Study

- Select consultant – February 2017
- Project kick-off and initial public engagement – April 2017
- Inventory and Existing Conditions – June 2017
- Transportation analysis (and public engagement) – September 2017
- Conceptual designs and options (and public engagement) – December 2017
- Final plan – March 2018