

## MEMORANDUM

**To:** DCHC MPO Board

**From:** DCHC MPO Lead Planning Agency

**Date:** June 14, 2017

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

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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.

### **Major 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 Adopts CTP – May 2017
- NCDOT BOT Adopts CTP – September 2017
- Final CTP documentation and distribution – September 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– May 2017
- ✓ Socioeconomic Forecasts – May 2017
- ✓ Land use Scenarios – May 2017
- Alternative Analysis – August 2017
- Preferred Option –September 2017
- Air Quality analysis and Conformity (not required)
- Adopt 2045 MTP – December 2017/January 2017
- Technical report and implementation – December 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 – May 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 – May 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
- ✓ Development of open data – 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 – Continuous/On-going
- ✓ Facebook/Twitter management – Continuous/On-going
- ✓ Enhancement of Portals – Continuous/On-going

**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
- ✓ 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
- Board approves new projects to be submitted for SPOT-5 – August 9, 2017
- SPOT-5 Online opens for entering new P5 projects July 5 (deadline September 15, 2017)

- MPO submits new SPOT-5 projects to NCDOT – September 1, 2017
- LPA updates local ranking methodology – February 2018
- TCC makes recommendation on local ranking methodology – February 2018
- Board approves local ranking methodology – March 2018
- Deadline for approval of Local Input Points Assignment Methodologies –April 1, 2018
- MPO applies local ranking methodology (points) – April - May 2018
- Board releases MPO assigned points for local input/public comments – April 11, 2018
- Board holds public hearing – June 2018
- LPA addresses public comments and makes draft recommendation on local points for Regional category – June 2018
- Approval of Regional Impact points – June 2018
- Submission of Regional Impact points to NCDOT – June 2018
- Assignment of Division Needs points (begins August 2018)

### **2018-2027 TIP**

- ✓ 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
- ✓ Final amendments to FY16-25 STIP due to LPA staff – May 10, 2017
- ✓ TC reviews final FY16-25 STIP Amendment – May 24, 2017
- Draft MTIP prepared by LPA staff – July 14, 2017
- TC reviews Draft MTIP – July 26, 2017
- MPO Board reviews Draft MTIP –August 9, 2017
- State Board of Transportation approves FY18-27 STIP – August 2017
- TC approval of the 2018-27 MTIP – August 23, 2017
- MPO Board Approval of the 2018-2027 MTIP – September 13, 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 – May 11, 2017
- Self-assessment Data Analysis – July 2017-December 2017
- FHWA/NC DOT Final Review – February 2018
- Final approval – TBD

**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 – August 2017
- Inventory and Existing Conditions – September 2017
- Transportation analysis (and public engagement) – January 2018
- Conceptual designs and options (and public engagement) – April 2018
- Final plan – August 2018