



Huntsville Area
Metropolitan Planning Organization

AMENDMENTS to the

FY 2018 Unified Planning Work Program (UPWP)

For the Huntsville-Area MPO meeting scheduled 03/28/2018

UPWP Edits:

1. Project Addition: MPO Regional Commuter Study- a new study as part of the Congestion Management Process
2. Edit Planning Studies Appendix: Add Transit Study (approved at August 2017 MPO meeting) and Commuter Study (above) to this appendix

3.5 Congestion Management Process

Objectives

To maintain a Congestion Management Plan (CMP) that provides for effective management of new and existing transportation facilities through the use of travel demand reduction and operational management strategies; in addition, examine travel patterns and system performance data in the Huntsville urbanized area and develop, prioritize, and recommend effective and achievable strategies to increase mobility within corridors and sub-areas.

Previous Work

- ~~In FY 2006, staff initially developed a Congestion Management Plan (CMP) to conform to FHWA and FTA requirements for TMAs. The staff also developed the Responsibilities and Procedures Report and a CMP Report on Mobility. The Congestion Management Reports were incorporated into the Long Range Transportation Plan.~~
- The MPO prepared and presented the Livability Indicator data as required on page 43. The data is displayed in charts, tables, or maps.
- Developed maps with LOS and travel times, and incorporated them in the Year 2040 Transportation Plan.
- Developed map that shows connectivity of transit routes to bike/ped infrastructure.
- Updated/maintained new version of Transportation Inventory Database located in Appendix F of the Year 2040 Transportation Plan
- Evaluated the effectiveness of implemented strategies from Corridor and Sub-Area Studies

Proposed Work

- Hire consultants to produce a new Huntsville-Area MPO Regional Commuter Study
- Include CMP priorities in the TIP by identifying, prioritizing, and costing out current projects related to congestion, maintenance, operations, security, and safety
- Produce, publish, and distribute informational material outlining CMP recommendations
- Travel to and participate in necessary workshops/meetings
- STP and/or PL funds may be used to collect and analyze data and prepare plans in support of these tasks
- Add a Congestion Management section to the MPO's website to include maps, short-term improvements, and educational information regarding demand management strategies and operational improvements. - Move to Previous Work

Products

- 2018 Huntsville-Area MPO Regional Commuter Study
- Assist agencies in implementing management systems and CMP recommendations under development
- Analysis throughout the fiscal year, dependent upon any significant long range transportation plan amendments

Staffing

MPO Staff and Consultants

Timeline for Proposed Work

October 2017 through September 2018

Financial Responsibility

| TYPE | SOURCE | AMOUNT |
|-------------|----------|----------|
| PL | FHWA/FTA | \$53,400 |
| LOCAL MATCH | HPD | \$13,350 |
| TOTAL | | \$66,750 |

The FHWA PL and FTA 5303 planning funds have been consolidated into one PL category.

3.5 Congestion Management Process

Objectives

To maintain a Congestion Management Plan (CMP) that provides for effective management of new and existing transportation facilities through the use of travel demand reduction and operational management strategies; in addition, examine travel patterns and system performance data in the Huntsville urbanized area and develop, prioritize, and recommend effective and achievable strategies to increase mobility within corridors and sub-areas.

Previous Work

- Add a Congestion Management section to the MPO’s website to include maps, short-term improvements, and educational information regarding demand management strategies and operational improvements.
- The MPO prepared and presented the Livability Indicator data as required on page 43. The data is displayed in charts, tables, or maps.
- Developed maps with LOS and travel times, and incorporated them in the Year 2040 Transportation Plan.
- Developed map that shows connectivity of transit routes to bike/ped infrastructure.
- Updated/maintained new version of Transportation Inventory Database located in Appendix F of the Year 2040 Transportation Plan
- Evaluated the effectiveness of implemented strategies from Corridor and Sub-Area Studies

Proposed Work

- Hire consultants to produce a new Huntsville-Area MPO Regional Commuter Study
- Include CMP priorities in the TIP by identifying, prioritizing, and costing out current projects related to congestion, maintenance, operations, security, and safety
- Produce, publish, and distribute informational material outlining CMP recommendations
- Travel to and participate in necessary workshops/meetings
- STP and/or PL funds may be used to collect and analyze data and prepare plans in support of these tasks

Products

- 2018 Huntsville-Area MPO Regional Commuter Study
- Assist agencies in implementing management systems and CMP recommendations under development
- Analysis throughout the fiscal year, dependent upon any significant long range transportation plan amendments

Staffing

MPO Staff and Consultants

Timeline for Proposed Work October 2017 through September 2018

Financial Responsibility

| TYPE | SOURCE | AMOUNT |
|-------------|----------|----------|
| PL | FHWA/FTA | \$53,400 |
| LOCAL MATCH | HPD | \$13,350 |
| TOTAL | | \$66,750 |

The FHWA PL and FTA 5303 planning funds have been consolidated into one PL category.

Appendix C: Funding and Budget Tables

Appendix C, Table 1: Funding Sources

| TASK | FHWA-SECTION 112 | | | | PCT |
|---|------------------|-------------|------------|-----------|--------|
| | SPR | HPD LOCAL | PL | TOTAL | |
| | ALDOT | MATCH | FHWA / FTA | | |
| 1.0 Program Administration | | | | | |
| 1.1 Administration and Management | \$0 | \$42,820.80 | \$171,283 | \$214,104 | 26.09 |
| 1.2 Unified Planning Work Program | \$0 | \$5,000 | \$20,000 | \$25,000 | 3.05 |
| 1.3 Continuity of Operations Plan | \$0 | \$50 | \$200 | \$250 | 0.03 |
| 1.4 Staff Training Activities | \$0 | \$4,000 | \$16,000 | \$20,000 | 2.44 |
| 2.0 Data Collection | | | | | |
| 2.1 Data Collection and Analysis | \$0 | \$10,000 | \$40,000 | \$50,000 | 6.10 |
| 2.1.1 Air Quality Conformity Emissions Modeling-MOVES2014 | \$0 | \$50 | \$200 | \$250 | 0.03 |
| 2.2 Computer Technical Assistance | \$0 | \$1,500 | \$6,000 | \$7,500 | 0.92 |
| 3.0 Transportation Systems | | | | | |
| 3.1 Long Range Transportation Plan | \$0 | \$5,000 | \$20,000 | \$25,000 | 3.05 |
| 3.1.1 Air Quality Conformity Report Preparation | \$0 | \$50 | \$200 | \$250 | 0.03 |
| 3.1.2 Amend Long Range Plan Project Listings for Air Quality Conformity | \$0 | \$50 | \$200 | \$250 | 0.03 |
| 3.2 Transportation Improvement Program (TIP) | \$0 | \$5,000 | \$20,000 | \$25,000 | 3.05 |
| 3.3 Bicycle and Pedestrian Planning | \$0 | \$5,000 | \$20,000 | \$25,000 | 3.05 |
| 3.4 Transit Planning | \$0 | \$5,000 | \$20,000 | \$25,000 | 3.05 |
| 3.4.1 Transportation Disadvantaged Planning | \$0 | \$200 | \$800 | \$1,000 | 0.13 |
| 3.4.2 Transit Asset Management Planning | | \$1,000 | \$4,000 | \$5,000 | 0.61 |
| 3.4.3 Huntsville/ Madison County Mid-Range Transit and Mobility Options | | \$18,000 | \$72,000 | \$90,000 | 10.97 |
| 3.5 Congestion Management Process | \$0 | \$13,350 | \$53,400 | \$66,750 | 8.14 |
| 3.6 Intermodal Freight Management Process | \$0 | \$500 | \$2,000 | \$2,500 | 0.31 |
| 3.7 Safety Management System | \$0 | \$500 | \$2,000 | \$2,500 | 0.31 |
| 3.8 BRAC Transportation Impact Study | \$0 | \$50 | \$200 | \$250 | 0.03 |
| 4.0 Public Involvement | | | | | |
| 4.1 Public Participation Process | \$0 | \$3,000 | \$12,000 | \$15,000 | 1.83 |
| 4.2 Disadvantage Business Enterprise | \$0 | \$50 | \$200 | \$250 | 0.03 |
| 4.3 Title VI and Environmental Justice | \$0 | \$50 | \$200 | \$250 | 0.03 |
| 4.4 American Disability Act Planning/Compliance – Special Services | \$0 | \$50 | \$200 | \$250 | 0.03 |
| 5.0 Environmental Mitigation and Air Quality Planning | | | | | |
| 5.1 Air Quality Planning | \$0 | \$50 | \$200 | \$250 | 0.03 |
| 5.1.1 Public Involvement Activities for Air Quality | \$0 | \$50 | \$200 | \$250 | 0.03 |
| 5.2 Climate Change and Greenhouse Gas (GHG) Emissions | \$0 | \$50 | \$200 | \$250 | 0.03 |
| State Planning and Research | \$218,750 | \$0 | \$0 | \$0 | 26.67 |
| TOTALS | \$218,750 | \$107,471 | \$481,623 | \$820,854 | 100.00 |

* This budget includes \$51,800 of FY 2016 PL carry over funds; FY2018 PL funds totaled 429,883

Final Unified Planning Work Program- 2018

| TABLE B | | | | | | | | | | |
|---|------------------|------------------|-------------|-----|-----------|-------|------------------|------|----------|------------------|
| FISCAL YEAR 2018 UPWP SUMMARY BUDGET | | | | | | | | | | |
| TASK NUMBER AND DESCRIPTION | PL-FHWA/FTA | HUA | Consultants | | SPR | | TOTALS | | | |
| | | | PL | HUA | FHWA | ALDOT | FEDERAL | HUA& | GRAND | |
| | | | | | | | FHWA | FTA | ALDOT | TOTAL |
| 1.0 PROGRAM ADMINISTRATION | | | | | | | | | | |
| 1.1 ADMINISTRATION MANAGEMENT | \$185,293 | \$46,323 | \$0 | \$0 | \$0 | \$0 | \$185,293 | \$0 | \$46,323 | \$231,616 |
| 1.2 UNIFIED PLANNING WORK PROGRAM | \$20,000 | \$5,000 | \$0 | \$0 | \$0 | \$0 | \$20,000 | \$0 | \$5,000 | \$25,000 |
| 1.3 CONTINUITY OF OPERATIONS PLAN | \$200 | \$50 | \$0 | \$0 | \$0 | \$0 | \$200 | \$0 | \$50 | \$250 |
| 1.4 STAFF TRAINING ACTIVITIES | \$20,000 | \$5,000 | \$0 | \$0 | \$0 | \$0 | \$20,000 | \$0 | \$5,000 | \$25,000 |
| 2.0 DATA COLLECTION | | | | | | | | | | |
| 2.1 DATA COLLECTION AND ANALYSIS | \$40,000 | \$10,000 | \$0 | \$0 | \$0 | \$0 | \$40,000 | \$0 | \$10,000 | \$50,000 |
| 2.1.1 AIR QUALITY CONFORMITY EMISSION MODELING=MOVES2014 | \$200 | \$50 | \$0 | \$0 | \$0 | \$0 | \$200 | \$0 | \$50 | \$250 |
| 2.2 COMPUTER TECHNICAL ASSISTANCE | \$10,000 | \$2,500 | \$0 | \$0 | \$0 | \$0 | \$10,000 | \$0 | \$2,500 | \$12,500 |
| 3.0 TRANSPORTATION SYSTEM | | | | | | | | | | |
| 3.1 LONG RANGE TRANSPORTATION PLAN | \$40,000 | \$10,000 | \$0 | \$0 | \$0 | \$0 | \$40,000 | \$0 | \$10,000 | \$50,000 |
| 3.1.1 AIR QUALITY CONFORMITY REPORT PREPARATION | \$200 | \$50 | \$0 | \$0 | \$0 | \$0 | \$200 | \$0 | \$50 | \$250 |
| 3.1.2 AMEND LRP AND TIP PROJECT LISTINGS FOR AIR QUALITY CONFORMITY | \$200 | \$50 | \$0 | \$0 | \$0 | \$0 | \$200 | \$0 | \$50 | \$250 |
| 3.2 TRANSPORTATION IMPROVEMENT PROGRAM | \$40,000 | \$10,000 | \$0 | \$0 | \$0 | \$0 | \$40,000 | \$0 | \$10,000 | \$50,000 |
| 3.3 BICYCLE AND PEDESTRIAN PLANNING | \$20,000 | \$5,000 | \$0 | \$0 | \$0 | \$0 | \$20,000 | \$0 | \$5,000 | \$25,000 |
| 3.4 TRANSIT PLANNING | \$20,000 | \$5,000 | \$0 | \$0 | \$0 | \$0 | \$20,000 | \$0 | \$5,000 | \$25,000 |
| 3.4.1 TRANSPORTATION DISADVANTAGED PLANNING | \$800 | \$200 | \$0 | \$0 | \$0 | \$0 | \$800 | \$0 | \$200 | \$1,000 |
| 3.5 CONGESTION MANAGEMENT | \$53,400 | \$13,350 | \$0 | \$0 | \$0 | \$0 | \$53,400 | \$0 | \$13,350 | \$66,750 |
| 3.6 INTERMODAL FREIGHT MANAGEMENT PROCESS | \$2,000 | \$500 | \$0 | \$0 | \$0 | \$0 | \$2,000 | \$0 | \$500 | \$2,500 |
| 3.7 SAFETY MANAGEMENT SYSTEM | \$2,000 | \$500 | \$0 | \$0 | \$0 | \$0 | \$2,000 | \$0 | \$500 | \$2,500 |
| 3.8 BRAC TRANSPORTATION IMPACT | \$200 | \$50 | \$0 | \$0 | \$0 | \$0 | \$200 | \$0 | \$50 | \$250 |
| 4.0 PUBLIC PARTICIPATION | | | | | | | | | | |
| 4.1 PUBLIC PARTICIPATION PROCESS | \$20,000 | \$5,000 | \$0 | \$0 | \$0 | \$0 | \$20,000 | \$0 | \$5,000 | \$25,000 |
| 4.2 DISADVANTAGED BUSINESS ENTERPRISE | \$200 | \$50 | \$0 | \$0 | \$0 | \$0 | \$200 | \$0 | \$50 | \$250 |
| 4.3 TITLE VI AND ENVIRONMENTAL JUSTICE | \$200 | \$50 | \$0 | \$0 | \$0 | \$0 | \$200 | \$0 | \$50 | \$250 |
| 4.4 AMERICAN DIABILITY ACT PLANNING/ COMPLIANCE -SPECIAL SERVICES | \$200 | \$50 | \$0 | \$0 | \$0 | \$0 | \$200 | \$0 | \$50 | \$250 |
| 5.0 ENVIRONMENTAL MITIGATION AND AIR QUALITY PLANNING | | | | | | | | | | |
| 5.1 AIR QUALITY PLANNING | \$200 | \$50 | \$0 | \$0 | \$0 | \$0 | \$200 | \$0 | \$50 | \$250 |
| 5.1.1 PUBLIC INVOLVEMENT ACTIVITIES FOR AIR QUALITIES FOR AIR QUALITIES | \$200 | \$50 | \$0 | \$0 | \$0 | \$0 | \$200 | \$0 | \$50 | \$250 |
| 5.2 CLIMATE CHANGE AND GREEN HOUSE GAS EMISSIONS | \$200 | \$50 | \$0 | \$0 | \$0 | \$0 | \$200 | \$0 | \$50 | \$250 |
| STATE PLANNING RESEARCH /ALDOT Match | \$481,683 | \$120,421 | \$0 | \$0 | \$175,000 | \$0 | \$481,683 | \$0 | \$0 | \$218,750 |
| <p>HUA=HUNTSVILLE URBANIZED AREA 20%</p> <p>PL-FHWA = FEDERAL HIGHWAY ADMINISTRATION AND FEDERAL TRANSIT ADMINISTRATION 80%</p> <p>FTA = FEDERAL TRANSIT ADMINISTRATION</p> <p>SPR-State Planning and Research. These are Federal funds allocated for ALDOT technical support of the MPO.</p> <p>The PL-FHWA and FTA 5303 planning funds have been combined as one fund for better management and tracking.</p> <p>ALDOT = ALBAMA DEPARTMENT OF TRANSPORTATION</p> <p>*MPO's may carry over funds for three (3) years.</p> <p>The oldest unexpended funds will be returned to the funding pool for reallocation.</p> <p>Huntsville MPO is not including any carryover funds in this FY2017 budget</p> | | | | | | | | | | |

Appendix D: Other Major Planning Activities

This list describes other major planning activities that will be ongoing during FY 2018-2019. These plans are funded by the sponsor, using either 100 % local funds, or a mixture of federal and State funds.

Studies Identified in this Unified Planning Work Program

| SPONSOR | DESCRIPTION |
|---------------------|-------------------------|
| Huntsville-Area MPO | Regional Transit Study |
| Huntsville-Area MPO | Regional Commuter Study |
| | |

Identified in a previous/current Transportation Improvement Program

| SPONSOR | DESCRIPTION |
|--|---|
| Corridor/Interchange/Operational Studies/EA/EIS | |
| Madison County | Kellner Road Extension to Zierdt Road |
| Madison County | Widening of Wall Triana from SR-2 (US 72) to 500' North of Nick Davis Road |
| City of Madison | Hughes Road Extension over I-565 (Environmental / Design) |
| City of Huntsville | Huntsville Northern Bypass from 1500 feet East of SR-1 (US-231/431) Intersection to Winchester Road - for State Support Services Only |
| City of Huntsville | Connector Road from Maysville Road to Epworth Drive – for State Support Services Only |

Alabama Department of Transportation Studies

| SPONSOR | DESCRIPTION |
|---------|--|
| ALDOT | Statewide Freight Plan http://www.dot.state.al.us/oeweb/pdf/freightPlanning/FreightPlan.pdf |
| ALDOT | Statewide Bicycle and Pedestrian Plan http://www.dot.state.al.us/oeweb/bicyclePedestrian.html |
| ALDOT | Statewide Mobility Report - https://cpmsweb2.dot.state.al.us/TransPlan/FreightPlanning/Docs/2014%20Alabama%20Mobility%20Report.pdf |
| ALDOT | Statewide Plan / Model Update http://www.dot.state.al.us/oeweb/statewideTransportationPlan.html |
| ALDOT | Strategic Highway Safety Plan http://www.safehomealabama.gov/SHAHome.aspx |

Non-Federally Funded and Local Government Planning Activities

| SPONSOR | DESCRIPTION |
|---|--|
| Greenways and Other Bike/Ped Plans | |
| City of Huntsville | Greenway Master Plan Update |
| City of Huntsville | Huntsville-Area MPO Bike Plan and Area wide Bike Map |
| City of Huntsville | EUL Bike lanes and trailhead at Governors West Boulevard |
| City of Huntsville | HMCRR Corridor Study (greenway study) |
| City of Huntsville | Complete Streets Policy |
| Redevelopment Plans/Comprehensive Plans | |
| City of Huntsville | Research Park East Urban Renewal / Redevelopment Plan |
| City of Huntsville | Downtown Master Plan Update |
| TARCOG | Launch 2035: A 20-year regional planning initiative covering Madison, Limestone, and Morgan Counties |
| TARCOG | Launch 2035: Land Use Committee Regional Greenway Plan |
| Corridor Studies/Environmental Assessments with Design | |
| City of Huntsville | Resolute Way Interchange Corridor Study (Environmental and Design) |
| City of Huntsville | Northern Bypass East Section between US 231 and US 72 (Environmental and Design) |
| Access Management Plans | |
| City of Huntsville | Access Management at US72 West between Old Monrovia Road and SR-255 |