The Downtown Multimodal Study is one component of a three-part, Federally Funded, Congestion Mitigation Air Quality (CMAQ) Grant that has been awarded to the City of St. Louis. The project also includes Staffing of the City’s Traffic Information Center as well as further buildout of the City’s Traffic Management System. The Downtown Multimodal Study component includes a traffic signal retiming plan, developing recommendations for a robust multimodal transportation network, and recommendations for a downtown protected bikeway system.
DOWNTOWN MULTIMODAL STUDY

WHY STUDY DOWNTOWN TRANSPORTATION?

PURPOSE: To develop a robust multimodal transportation plan for Downtown St. Louis, providing a framework to coordinate and prioritize future projects as well as leverage future state and federal funding.

WHY: Recent changes necessitate a new look at transportation systems and options in downtown St. Louis: e.g., I-70 Stan Musial Veterans Memorial Bridge and reconstruction of Tucker Boulevard; City+Arch+River improvements and closing of Memorial Drive; relocation of National Geospatial-Intelligence Agency (NGA), Project Connect, and I-64 access changes; and PSB Mississippi River Bridge Improvements and access modifications. Other changes are planned which will have further impacts: e.g., Northside-Southside MetroLink Study, Metro Reimagined Study, the Chouteau Greenway, new developments, bike share and Trailnet Vision Study. There is also growing interest in enhancing walkability, encouraging bike commuting, and promoting the use of public transit.

BENEFITS: completing this study in conjunction with improvements to the City’s Traffic Management System offer the team a unique ability to be sure elements included within the plan are coordinated for all modes of transportation.
To develop a transportation plan for Downtown St. Louis that supports a robust multimodal system, where users of all ages and abilities feel safe, including pedestrians, bicyclists, transit users, and motorists, and promotes economic growth, community development, better air quality, and improved public health.
DOWNTOWN MULTIMODAL STUDY

GOALS

VISION
To develop a transportation plan for Downtown St. Louis that supports a robust multimodal system, where users of all ages and abilities feel safe, including pedestrians, bicyclists, transit users, and motorists, and promotes economic growth, community development, better air quality, and improved public health.

GOALS
- Transportation Choice
- Connected City
- Quality of Life
- Public Health/Air Quality
- Social Equity
- Vibrant Community

OBJECTIVES
- Event Traffic Management
- Multi-modal Connections & Circulation
- Safety
- ADA Accessibility
- Mode Shift
- Security
- Placemaking

DOWNTOWN ST Louis TRANSPORTATION STUDY
{enhancing multimodal options}
Bike/Ped Friendly Streets
- Silver Bicycle Status
- Bike/Ped Coordinator
- Pedestrian Safety Action Plan
- NACTO Member City
- Bike Rack Program
- 150+ Miles of Bike Facilities
- Bike/Ped Friendly Design Elements (e.g., Leading Pedestrian Intervals, Bicycle Signals, Bump-Outs)
- Complete Streets Policy
- Bike Parking Ordinance
- Traffic Calming Ordinance
- Bike Share Plan

Technology
- Smart City Commission
- Smart Parking System
- Advanced Traffic Information Center
- Real Time Crime Center
- Real Time Fleet Management
- Coordination with Metro’s Automated Vehicle Location (AVL) System
- Coordination with MoDOT’s Dynamic Messaging Boards

Sustainability
- Mayor’s Sustainability Action Plan
- LED Streetlights and Traffic Signal Light Bulbs
- Electric Vehicles and Charging Stations
- 5g Service on Streetlights
- Green Infrastructure included in new projects (plantings, rain gardens, etc.)
• 2 Engagement weeks:
  ➢ Week 1 (April 2017): Set initial goals & objectives
  ➢ Week 2 (Sept. 2017): Develop recommendations
• Coordinated with current planning efforts
• Approximately 45 organizations involved
• Activities Included
  ➢ Small group meetings
  ➢ Map and dot exercises
  ➢ Survey
  ➢ Walking tours
• Used feedback to
  ➢ Refine vision
  ➢ Develop goals, objectives, strategies and elements
  ➢ Define a Hierarchy of Streets
  ➢ Develop improvement priorities
DOWNTOWN MULTIMODAL STUDY

TIMELINE

FEBRUARY 2017
PROJECT KICKOFF

APRIL 2017
ENGAGEMENT WEEK 1

SEPTEMBER 2017
ENGAGEMENT WEEK 2

MARCH 2018
FINAL REPORT

JANUARY 2018
PUBLIC MEETING

(INFRASTRUCTURE INVENTORY & DATA COLLECTION)

(ALTERNATIVE ANALYSIS & RECOMMENDATION REFINEMENT)
DOWNTOWN MULTIMODAL STUDY

NEXT STEPS – BUILDING ON STUDY RECOMMENDATIONS

• Adopt plan
• Address immediate opportunities
• Coordinate various projects
• Leverage state and federal funding for future transportation projects
• Work with private entities to implement recommendations