REVIEW OF ONGOING AND UPCOMING
UPWP TASKS
BRTB Update

March 22, 2022
Planning Process Review -
TRANSPORTATION SYSTEMS IMPACT CONSIDERATION IN THE
DEVELOPMENT REVIEW AND BUILDING PERMIT PROCESSES

Scope
• Review how local government development planning and review processes function, with particular emphasis on how these processes consider and evaluate transportation impacts.

Project Management
• BMC Project Manager: Don Halligan
• Consultant Team: Valbridge (Ed Steere), Mead & Hunt and Rossi
• Local jurisdiction involvement – Harford, Howard engaged in reviews and kickoff meeting. All will be included in upcoming interviews.

Project Milestones
• Project kickoff meeting occurred March 3, 2022 at BMC Offices
• Interview Local Staff – Invites Sent Out
• Report of Local and Best Practices

Local Support
• $15,000 per Jurisdiction
Transportation and Land Use Connections

Two separate but related processes currently ongoing, but will merge-

Local Project Milestones
• An informational webinar - March 17, 2022.
• Project webpage - https://PUBLICINPUT.COM/TLCGRANTS
• Pre application meeting period - March 24th – May 26th.
• Local applications due - June 3, 2022.
• BRTB vote on round 1 applications - June 2022
• Kickoff – July 2022

Project Management
• Don Halligan (BMC) & others as projects are selected

Update/Issues:
• Would appreciate help reviewing contracts local submittals by local up to 2 local members not applying for program this round.

Contractor Project Milestones
• Contract executed - May 2022
• Project kickoff meeting - June 2022

Project Management
• Project Manager: TBD

Update/Issues:
• Will need help reviewing contracts, no UPWP $ available to support local involvement directly.
Pedestrian Infrastructure Assessment

Scope
• The GIS based tool will assist BRTB members in prioritizing sidewalk projects, identifying sidewalk gaps, and routing and modeling of the pedestrian network.
• The project tool will be built around a routable, comprehensive sidewalk dataset that will include marked and unmarked crosswalks from Ecopia developed from aerial imagery using artificial intelligence.

Project Management
• BMC Project Manager: Victor Henry
• Consultant Team: Toole Design (Jim Elliott) and Rossi

Project Milestones
• Project Initiated: January 2021
• Project Completion Date: September 30, 2022

Local Support
• $15,000 each for Annapolis and Carroll County as co-leads
LOTS Bus Stop Assessments

Scope
• Survey and mapping of 1,600 Locally Operated Transit Systems (LOTS) Bus Stops, recommendations for improvements and cost estimates
• KFH scheduled one-on-one calls with each of the LOTS to discuss uses and delivery of the ArcGIS data from the task

Project Management
• BMC Project Manager: Sheila Mahoney
• Consultant: KFH Group (Will Sutton)

Project Milestones
• Project Initiated: May 2021
• Project Completion Date: April 2022

Local Support
• $15,000 per local jurisdiction
Patapsco Regional Greenway: Sykesville to McKeldin

Scope
• 30% Design of Greenway segment in Carroll County

Project Management
• BMC Project Manager: Keith Kucharek
• Consultant: RK&K (Melissa Miklus), Capitol Development Design, Rossi & SaLUT-TLB

Project Milestones
• Project Initiated: December 2020
• Project Completion Date: May 2022 (Est.)

Local Support
• $15,000 Carroll County
InSITE Calibration/Validation

Scope
• 2019 InSITE Calibration and Validation using 2019 Maryland Household Travel Survey
• Enhance InSITE by reducing runtime as well as expand model area – add Queen Anne’s, Adams and York Counties
• Recent purchase of 2019 Location-based services (LBS) data collected from mobile devices to aid in calibration/validation

Project Management
• BMC Project Manager: Charles Baber
• Consultant: Cambridge Systematics, Gallop & WRA

Project Milestones
• Project Initiated: June 2021
• Project Completion Date: June 2022
Central MD Regional Transit Plan Corridor Study (Pilot): BWI to Columbia Town Center

Scope
• Corridor feasibility study phase of the Central MD RTP Corridor 25: Baltimore/Washington International Thurgood Marshall Airport (BWI) to Columbia Town Center.
• Evaluate transit needs and identify mode, alignment, routing and potential stops/station areas along the corridor.
• Early screening of the corridor against potential state and federal funding sources

Project Management
• BMC Project Manager: Sheila Mahoney
• Consultant: AECOM (Christopher Bell), KLT Group & RJM Engineering

Project Milestones
• Project Initiated: March 2022
• Project Completion Date: November 2022
Transportation Issues in Historic Town Centers

Scope

• Develop parking management strategies to address information on parking infrastructure, parking demand and supply, parking lot access and signage and fee structures.
• Develop parking management strategies during a major infrastructure event that impacts access.
• Develop strategies to address multimodal access and safety by identifying locations and approaches to improve safe access via non-automotive modes, including transit, cycling and walking.
• Outline wayfinding design and placement options to enhance access and visibility of businesses and historic sites
• Identify potential funding sources for implementation.

Project Management

• BMC Project Manager: Keith Kucharek
• Consultant: Nelson\Nygaard (Iain Banks), RK&K and Apple Designs

Project Milestones

• Project Initiated: March 2022
• Project Completion Date: December 31, 2022
Transportation and Crash Data Dashboards

Scope

• Create highly interactive electronic dashboards that engage users in a data-driven approach exploring observed and simulated data to analyze trends, build queries to uncover data relationships, and tabulate/summarize data for reporting.

• Develop a series of topical dashboards organized and reported by individual jurisdictions as well as a regional compendium, utilizing national, state, and local datasets, as well as the region’s travel demand model.

• Topics – Demographics, Performance Monitoring, Transit, Environmental Justice, Freight, Non-Motorized Travel, Air Quality, and InSITE simulation

Project Management

• BMC Project Manager: Charles Baber

• Consultant: Cambridge Systematics and Foursquare

Project Milestones

• Project Initiated: February 2022

• Project Completion Date: December 2022

Local Support

• $15,000 per local jurisdiction
Transportation Impact Study – Phase 2

Scope

• Making safety analyses key in all TIS’s and coordination with state and local SHSPs.
• Controlling speeds and de-prioritizing vehicular throughput for safer mobility for all.
• Use of multi-modal performance metrics and multi-modal analyses.
• Addressing impacts of multiple proposed developments, especially in a dense urban area, on the highway network beyond the immediate vicinity of each development.
• Balancing the needs of more housing and business with less traffic while maintaining safety and mobility.
• Need for post-development audit – thresholds, mitigation measures, factors not considered at the time of TIS development that may have an impact on a study area.
• Need for different TIS requirements based on area type, level of existing development, transit and multi-modal availability, etc.

Project Management

• BMC Project Manager: Bala Akundi
• Consultant: AECOM (Tim Ryan)/O.R. George & Associates

Project Milestones

• Project Initiated: January 2022 - Project Completion Date: September 2022

Local Support

• $10,000 per local jurisdiction
Upcoming Focus Area Projects

- Transportation/traffic Counts – AMT/Daniel – Creating ArcGIS online solution to share recently acquired Bike/Ped counts
- Climate Change Toolkit Phase II – 3 proposals received by 3/17
- US 40 Bicycle/Pedestrian Improvements – 8 proposals received by 3/17
- Patapsco Regional Greenway: Guinness to Southwest Area Park
- Implementation of the RTP Corridor Analysis – next corridor(s) TBD following pilot
- CMP Corridors Analysis – Reviewing Corridors/Developing Scope
- Priority Transit Screening – Reviewing Ridership Trends
For More Information

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