



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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