



BPAC Design & Infrastructure Subcommittee Meeting

February 2, 2022 10:15 am to 11:10 am

Online Zoom Meeting

Attendees:

- Betsy Mastaglio, DVRPC (chair)
- Daniel Hutton, Urban Engineers
- Andras Holzmann, Passaic County
- Michael Viscardi, NJ TRANSIT
- Sean Meehan, SRRC
- Steve Wong, Sam Schwartz
- Elise Bremer-Nei, NJDOT
- Patrick Farley, Cross County Connection
- Pam Mount
- Anne Heasly, Sustainable Jersey
- Bettina Zimny, NV5
- Michael Popvech
- Mike Dannemiller, Middlesex County
- Keith Hamas, NJTPA
- Anne Hayton
- Casey Barrett, MBI
- Denise Nickel, Middlesex County
- Dave Dech, Warren County
- Tom DiBiase, MBI
- Doug Caum, Hopewell Trail Corporation
- Ian Girardeau, MBI
- Reba Oduro, NJDOT
- Paul Lenarczyk, NJDOT
- Jack Molenaar, NV5
- Ashlynn Shanahan, Monmouth County
- Dan LiSanti, NJDOT
- Thom Stead, DVRPC
- Andrew Besold
- Jeevanjot Singh, NJDOT
- Barbara Rogers, Cranbury, NJ
- James Sinclair, BPRC
- Siennah Yang, SGB

Meeting Notes:

- DVRPC:
 - DVRPC's Bike Level of Traffic Stress (LTS) and Connectivity Analysis has been updated to include additional data such as gaps that impact Title 6 and Environmental Justice (EJ) communities as well as new components such as a story map: <https://www.dvrpc.org/webmaps/bike-lts/>
 - NJTPA's TIP for FY 2022-25 is now live on the website, [https://www.njtpa.org/Projects-Programs/Transportation-Improvement-Program-\(TIP\)/Current-TIP.aspx](https://www.njtpa.org/Projects-Programs/Transportation-Improvement-Program-(TIP)/Current-TIP.aspx) .
 - Trenton's Complete Streets Handbook is a great resource: <https://www.dvrpc.org/Reports/18041.pdf>
 - The website now has information on the Bipartisan Infrastructure Law, also referred to as the Infrastructure Investment and Jobs Act (IIJA): <https://www.dvrpc.org/iija>
- 1.B.1.a SHSP Task Update (Complete Streets Design Guidance):



- Participants were encouraged to share good examples of design guidance from other states with Patrick Farley.
 - Ex. Examples of how other states incorporate CS Design in Roadway Design Manuals/Highway Design Manuals.
- Some participants noted that information on demonstration projects should be included in the deliverable of 1.B.1.a task.
 - State DOTs that do a good job of including demonstration projects in the planning process include MassDOT and MnDOT.
- Transit Friendly Planning Guide:
 - This is a great resource and it provides a good chronology of past efforts (<https://transit-friendly-planning-njtransit.hub.arcgis.com/>).
- NJ TRANSIT:
 - NJT is doing transit friendly planning on the Route 9 Corridor in Middlesex County and Monmouth County. In the long term, NJT hopes that transit-friendly planning on Route 9 can extend into Ocean County. Coordination between NJDOT and NJT on Route 9 will be helpful in the future.
 - NJT is working on bus signal prioritization in Monmouth County.
 - NJT is working on adding new bike stations. People who have used bike lockers will be first in line to use the new bike stations.
 - Coordination with MUTCD process and AASHTO is important to achieve consistency for innovative designs across jurisdictions for projects. MUTCD has a process for seeking approval for innovative design. Applications for innovative design are documented in its national database.

Review of Topics:

The subcommittee reviewed the list of topics that were identified from the last December BPAC meeting as potential areas to focus on for this year. Discussions and comments on each topic are noted below:

- **Work with Jersey Water Works on Green Streets training:**
 - NJDOT's Landscape Architecture and Environmental Solutions office has related guidance on Green Streets.
 - If the subcommittee pursues this topic, working with Jersey Water Works will be important.
- **Review Complete and Green Streets design guidance for NJDOT:**
 - Subcommittee can best help with reviewing the draft and final products. SHSP Task 1.B.1.a is already reviewing current and existing guidance.
- **Deliver HSIP funded bicycle and pedestrian safety projects:**
 - NJDOT is already developing a lot of problem statements for HSIP funded bike/ped safety projects.
 - Sharing about bike/ped safety projects:



- The Bike/Ped Resource Center newsletter is a good place to share projects.
 - NJDOT website lists upcoming community meetings:
<https://www.nj.gov/transportation/community/meetings/>
- Participants commented that it is important to attend PICs and provide input and share information about PICs that are happening within this subcommittee.
- Participants from NJDOT noted that they appreciate receiving design guidance comments or suggestions for low-cost safety countermeasures for their projects.
- **Develop NJDOT approved guidance for bicycle facilities at interchanges:**
 - Participants recommended to rewrite this task to say: Review best practices design guidance for bicycle and pedestrian facilities at interchanges.
 - Best practices for bicycle facility design at interchanges can be added to upcoming CS trainings, analyzed in a tech memo by consultants, added to a CS policy as an addendum, discussed among MPOs. Next steps for this task need to be discussed further.
 - DVRPC produced a report in 2019 in Pennsylvania, titled “Guidance for Pedestrian and Bicycle Facilities at Expressway Interchanges in Southeastern Pennsylvania.” A similar study could be conducted in Mercer County.
 - <https://www.dvrpc.org/Reports/19025.pdf>
- **Investigate ITS/smart solutions for bicycle and pedestrian safety:**
 - Participants suggested that the subcommittee could investigate what has been collected on ITS/smart solutions in DOT and what DOT needs. In-depth research into smart solutions might not be feasible for this group.
 - Example of ITS/Smart Solutions: pedestrian dynamic detection system
 - The system will detect pedestrians at crosswalks and calculate the time that pedestrians need to safely cross the road.
 - DOT is trying to incorporate more smart solutions in projects, such as leading pedestrian intervals.
- **Clarify Complete Streets goals as they relate to Zero Deaths Initiatives:**
 - This topic can be sensitive and challenging. Participants agreed to delete this topic as everyone is already working towards increasing safety for bicyclists and pedestrians.
- **Improve equity in bicycle and pedestrian safety projects:**
 - Participants agreed that everyone is already working towards equity.