



# US-1 Multimodal Corridor Study

## Scope & Deliverables

This Multimodal Corridor Study will encompass the US-1 corridor in Palm Beach County from Camino Real Road in the City of Boca Raton to Indiantown Road in the Town of Jupiter. The project corridor runs approximately 42 miles north-south along 14 local municipalities. The corridor serves as Palm Tran’s highest ridership bus route 1 “The Bolt” with limited stop service from Boca Raton to West Palm Beach. To date, several municipalities along the corridor have performed Complete Streets studies for the portion of US-1 that traverses their community, meanwhile other municipalities have expressed interest to perform similar studies.

The purpose of this study is to develop a comprehensive plan to implement continuous multimodal facilities that connect the communities along the corridor, including upgrading the existing limited stop service to Corridor-Based Bus Rapid Transit (BRT) and expanding this service north of West Palm Beach to Indiantown Road in Jupiter.

The study will include a Health Impact Assessment (HIA) to aid in the decision making process to make choices that improve public health through community design. The HIA will provide a better understanding of the impacts the US-1 multimodal improvements could have on the overall health of the communities that would be served along the corridor. This would take into account potential impacts on the physical, social, economic and emotional health of the community members improved through:

- 1) Access to goods and services
- 2) Access to jobs and education
- 3) Mobility through non-automobile travel
- 4) Economic Development Opportunities

Other indicators evaluated through the HIA will include chronic illness rates, obesity rates, bicycle and pedestrian crash data, quality of life/social cohesion, access to healthy foods and goods selection, and attainable housing availability.

The public outreach campaign for this project will kick off with an outreach event in the spring of 2017. Following this event, the project corridor will be divided into 6 sections where stakeholder interviews and public charrettes will take place.

- Section 1 (May): Boca Raton (District 4)
- Section 2 (June): Delray Beach, Boynton Beach, Gulf Stream (Districts 4 & 7)
- Section 3 (July): Hypoluxo, Lantana, Lake Worth (Districts 3 & 7)
- Section 4 (August): West Palm Beach (Districts 2 & 7)
- Section 5 (September): Riviera Beach, Lake Park, North Palm Beach (Districts 1 + 7)
- Section 6 (October): Juno Beach, Jupiter, Palm Beach Gardens (District 1)

Project tasks will be completed between the Palm Beach MPO, Palm Tran, and three consultant teams that will work together to share information and deliver the same project message and branding. The project will result in FDOT-based design templates for continuous multimodal facilities along the corridor to carry the proposed improvements forward for future funding through preliminary design and engineering. The project will also provide project justification and identification of local financial commitment to advance the Corridor-Based BRT improvements to Federal Transit Administration (FTA) discretionary and competitive federal grant program funding. Proposed improvements will follow the Palm Beach MPO's Complete Streets User Considerations Hierarchy, prioritizing safe facilities for the most vulnerable users first: pedestrians, bicyclists, transit and then automobiles. The project will conclude in the spring of 2018 with an outreach event to grow public awareness of the potential value of the corridor for healthy community development.

## Consultant Teams:

- Kittelson & Associates
- Kimley Horn
- TCRPC

## Key Deliverables:

- Project website, branding, and educational outreach materials.
- FDOT-based design templates illustrating proposed multimodal improvements to provide continuous safe facilities for all users.
  - Recommended cross section for major segments of the corridor showing pedestrian and bicycle facilities, travel lanes and on-street parking (where possible).
  - Plan view (from above) showing location for recommended medians/landscape islands, bus stops, benches and shelters to support an express bus service
  - Renderings of what these recommended changes will look like for key segments of the US 1 corridor.
- BRT improvements, stop locations, bus and station design, and cost estimates.
- Health Impact Assessment findings
  - Evaluation of health and socioeconomic impacts of the recommended project modifications
- Strategies for implementation and funding opportunities
- Prioritization of improvements
- Multimodal Corridor Report

## Project Timeline

- Data Collection & Analysis: January – April 2017
- Kick-Off Event: May 2017
- Charrettes and Stakeholder Interviews: May 2017 – October 2017
- Final Analysis and Preparation of Deliverables: November 2017 – March 2018
- Final Presentations and Deliverables: April – May 2018
- Final Public Outreach Event: May 2018