

Bus Stop Optimization Study

Scope of Work

A. Objective

To study the location of existing RTS bus stops and recommend ways to improve their placement resulting in a pattern of stops that is most effective and efficient for bus patrons, RTS operations and traffic flow.

B. Background

The RTS route network has over 4,000 bus stops within Monroe County, where RTS passengers are permitted to board and alight from RTS buses. Placed over the last 60 years, the quantity, spacing, density and pattern of bus stop placements has devolved over the years. With no official guidelines established on bus stop placement, it is clear an analysis of the bus stop system is necessary.

In 2010, a Bus Stop Optimization Study was conceived to address this issue and to establish clear standards and guidelines for the siting of bus stops and shelters with safety and access being of the foremost guiding principles of these guidelines. A lack of in-house resources has delayed the project the last few years but the need for such a study is still very much needed.

C. Tasks

RGRTA will form a steering committee comprised of GTC planning staff and RGRTA's internal staff, made up of key operational staff members, which will aid in the consultant selection process. Once a consultant has been chosen, they will be charged with the following tasks:

- 1) Define bus stop spacing standards for urban, suburban, park & ride, and downtown service.
- 2) Inventory bus shelters and define placement standards.
- 3) Definition of nearside and farside bus stop placement.
- 4) Prepare cost recovery estimates for bus stop improvements.
- 5) Elimination of redundant and unused bus stops including specific recommendations for each RTS route.
- 6) Recommendation on signage type and amenity based on bus stop usage level.
- 7) Recommendation for continued use of flag stops.

To accomplish the above tasks, the consultant will have access to the necessary data provided by RGRTA as well as access to members of the steering committee.

Throughout the project the steering committee will conduct progress meetings and will require a draft report of the above tasks from the consultant.

D. Products

The consultant will provide a results package including:

- 1) A draft copy of the report for review and comment by the project steering committee
- 2) A final report documenting the recommended set of standards and guidelines
- 3) An executive summary of the project findings
- 4) Data and graphic maps of the study area
- 5) A PowerPoint presentation of bus stop signage and amenity types

E. Public Participation Plan

The consultant will hold two public meetings to involve the public in the project. An initial meeting will be held to gather input on our current bus stop system from customers and the community. Once a draft report is completed, a second public meeting will be held to present and gather further input on study findings and proposed recommendations.

F. Schedule

The Bus Stop Optimization Study is scheduled to start in June 2013 with an anticipated end date of December 2014.

G. Project Budget

Sources of Funds		Uses of Funds	
	FY 2013-14		FY 2013-14
<u>Federal Funds</u>		<u>GTC</u>	
FHWA	\$0	Staff	\$0
FTA	100,800	Contractual	0
Subtotal	\$100,800	Subtotal	\$0
<u>Matching Funds</u>		<u>Other Agency</u>	
State (In-kind)	\$0	Staff	\$0
Local (In-kind)	11,200	Contractual	100,800
Local (Cash)	0	In-kind Exp.	11,200
Subtotal	\$11,200	Subtotal	\$112,000
<u>Total</u>	<u>\$112,000</u>	<u>Total</u>	<u>\$112,000</u>