

RTS Route Overhaul and Refinement Analysis

Scope of Work

A. Objective

RGRTA will undertake an in-depth analysis of the existing routes considering a variety of factors including the density of route spacing, geographic coverage, opportunities for reconfiguring routes (particularly at their outlying segments), destination analysis, demographic analysis, on-time performance, simplification of routes, and greater consistency between routing of weekday and weekend service.

B. Background

Over the past several years, RGRTA has refined the level of service based upon customer demand thus eliminating any underutilized route segments. This process of "fine-tuning" has resulted in significant gains in the cost-effective provision of service, though has had minimal impact on RTS customers' real and perceived level of service. Meanwhile, RGRTA recognizes that wholesale overhauls of certain route configurations and service levels merit consideration.

C. Tasks

Routes that show a pattern of high prioritization on the Route Scorecard are assigned to a Transportation Planner to have a thorough evaluation and revision. The process of evaluation and revision is called "Route Overhaul". Overhaul of a Route can be as much as a one year process. Many pieces of information must be analyzed in order to make relevant adjustments to any route. The Route Overhaul Process follows these steps:

1. Problem Definition
2. Current State Measurement, which includes;
 - a. Ridership analysis
 - b. Gathering Operator, customer, and Customer Service Representative feedback
 - c. Customer demand analysis
 - d. Key Destination analysis
 - e. Demographic Shift analysis
3. Adjustment Recommendation, which includes;
 - a. Eliminated / additional segment identification
 - b. Headway recommendation
 - c. Lift Line Customer impact analysis
 - d. Title VI analysis
 - e. Cost analysis
4. Recommendation Refinement, which includes integration of:
 - a. Service Monitoring Committee feedback
 - b. Executive Management feedback
 - c. Customer feedback
5. Board Approval

6. Implementation, which includes;
 - a. Schedule finalization
 - b. Operator communication campaign
 - c. Customer communication campaign
7. Monitoring

The goals of the Route Overhaul process are to improve service efficiencies, update service profiles to closer match current customer volume and destination demands, integrate changes in the operating environment into the route structure, and boost transit access and ridership.

D. Products

For each Route Overhaul Project, the product will be a comprehensive new Route Implementation Plan. The Implementation Plan will include:

1. Route change summary
2. Detailed Route schedule changes
3. Detailed Route structure changes
4. Detailed impact analysis
5. Detailed process documentation
6. Detailed internal / external communications plan
7. Detailed implementation timeline

E. Public Participation Plan

Each individual Route Overhaul will have a public involvement component. The timing and format for public participation will vary depending upon the anticipated impacts that the recommended changes will have on the community

F. Schedule

The Route Overhaul Project has already begun and will continue through at least 2016. The Route Overhaul Schedule will be updated annually as part of the Route Overhaul and Refinement Analysis update process.

The 2013-2015 Route Overhaul Schedule:

Implementation Schedule	Route(s) to be Overhauled
June 2013	#3
September 2013	#20 and #30
April 2014	#4
June 2014	#1
January 2015	#12
June 2015	#24 and #91

UPWP 8538 – RTS Route Overhaul and Refinement Analysis

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