RFTA ITSP Stage II - “Determine Future Needs”

RFTA Board Meeting

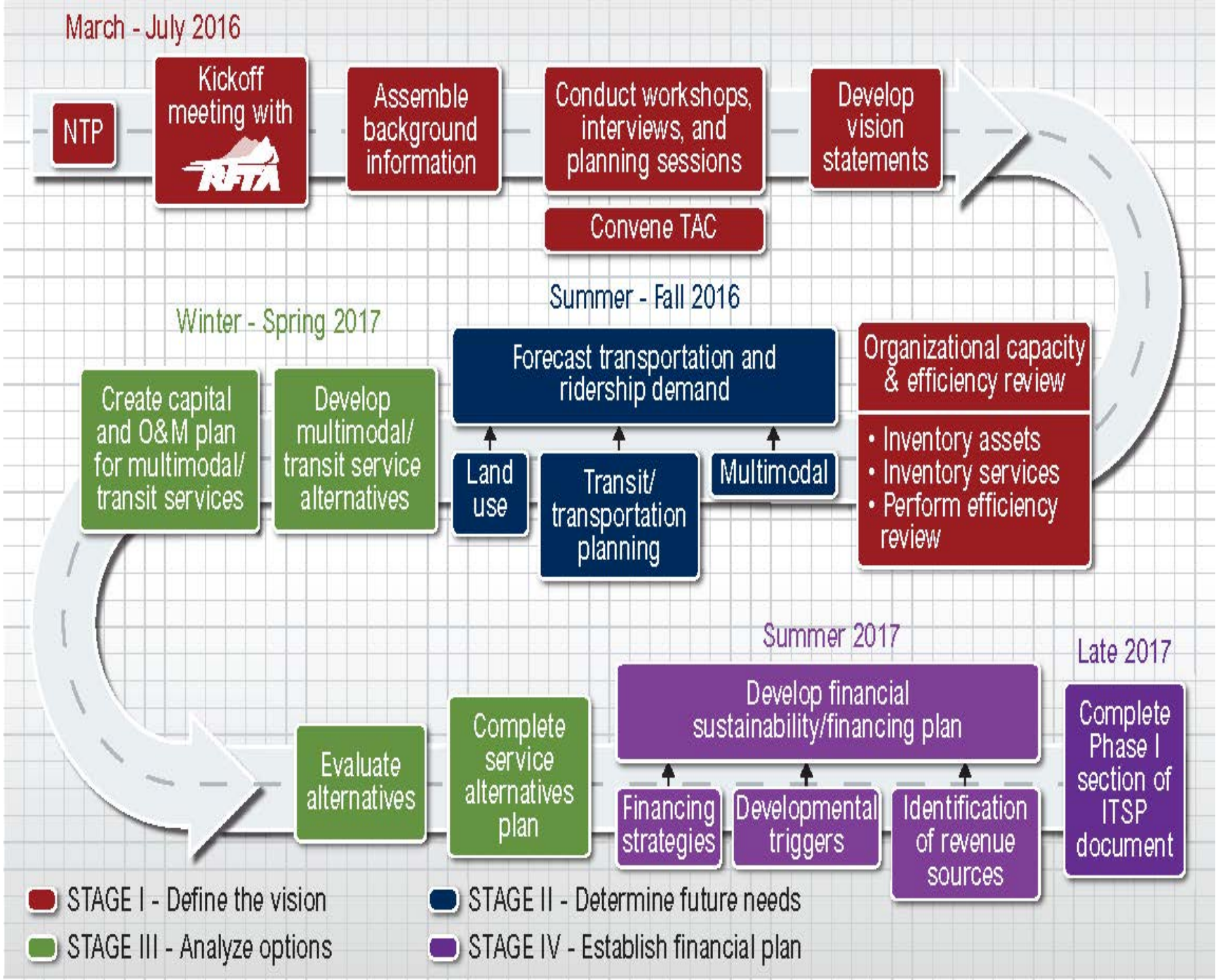
February 9, 2017

Past RFTA Board Updates

- August – ratified ITSP goals, AirSage data & the Ridership Estimation Tool, reviewed scopes of work for ITSP Stage II and UVMS
- September – defined travel zones for AirSage data, reviewed public comment in Stage I, status update ITSP Stage II and UVMS
- October - update on Stage II and UVMS, provided comprehensive update on results of the RFTA Efficiency and Organizational Structure Review
- November – discussed Air Sage data from ITSP Stage II, presented Land Use Report
- January – discussed ridership estimation tool for ITSP Stage II, discuss alternatives to be considered for ITSP Stage III

Study Update Feb 9, 2017

- Present preliminary 2036 ridership forecasts
- Describe alternatives to respond to 2036 ridership forecasts
- Meetings scheduled with elected officials Feb/March 2017 to review ridership demand findings and discuss alternatives
  - Feb 28 Aspen
  - Mar 2 Roaring Fork Planning Commission
  - Mar 7 Garfield County
  - Mar 7 Pitkin County
  - Mar 13 Snowmass Village
  - Mar 14 Carbondale
  - Mar 16 Glenwood Springs
  - Mar 21 New Castle


March - July 2016
NTP
Kickoff meeting with RFTA
Assemble background information
Conduct workshops, interviews, and planning sessions
Convene TAC
Develop vision statements
Summer - Fall 2016
Forecast transportation and ridership demand
Land use
Transit/ transportation planning
Multimodal
Organizational capacity & efficiency review
• Inventory assets
• Inventory services
• Perform efficiency review
Winter - Spring 2017
Create capital and O&M plan for multimodal/ transit services
Develop multimodal/ transit service alternatives
Evaluate alternatives
Complete service alternatives plan
Summer 2017
Develop financial sustainability/financing plan
Financing strategies
Developmental triggers
Identification of revenue sources
Late 2017
Complete Phase I section of ITSP document
STAGE I - Define the vision
STAGE II - Determine future needs
STAGE III - Analyze options
STAGE IV - Establish financial plan

Transit Trip Forecasts 2016 - 2036

- High-level summaries of the winter and summer transit trip tables for 2016 and 2036 (No-Build), expressed as average weekday trips
- 2016 base year transit trip tables developed from boarding & alighting, O&D survey data, and line loads
- 2036 (No-Build) transit trip tables developed by factoring changes in population and employment data into the 2016 transit trip tables
- Assumes transit share will remain constant and no changes in transit service levels
- Includes the increase in enplanements at Aspen Airport, based on EA (~3,500 annual transit trips to and from the airport by 2036)

Winter Average Weekday Trips

Route	2016	2036	Increase	Increase %
Systemwide	17,603	22,273	4,670	27%
SH 82 Corridor	6,547	8,902	2,345	36%
• Local & Express	3,470	4,717	1,247	36%
• BRT	3,077	4,185	1,108	36%
I-70 Grand Hogback Route	351	598	247	71%
SM-DV; DV-SM	783	1,150	368	47%

Alternatives

Make using, accessing, & getting info re public transit more intuitive
Expand I-70 Grand Hogback Service
Bus Stop Improvements (I-70)
Park n Ride Improvements in Silt, Rifle, Parachute

Summer Average Weekday Trips

Route	2016	2036	Increase	Increase %
Systemwide	13,771	16,641	2,870	21%
SH 82 Corridor	7,885	9,934	2,049	26%
• Local & Express	4,179	5,264	1,085	26%
• BRT	3,706	4,670	964	26%
I-70 Grand Hogback Route	319	391	72	22%
SM-DV; DV-SM	338	491	153	45%

Alternatives

Optimize Regional BRT system
Better transit connections to Snowmass Village in Brush Creek Road
We-Cycle Bike Share Expansion
Micro-Transit 1st & Last mile connections to BRT
Transportation Demand Management
Park n Ride Expansion at 27th St., Carbondale, & Basalt
Park n Ride Expansion at Brush Creek
Bus Stop improvements (SH 82)
27th Street Pedestrian Crossing, Glenwood Springs
SH 133 / Rio Grande Trail Pedestrian Crossing

Scope for ITSP Stage III - Analyze Options

- Assist RFTA to Develop Multi-Modal/Transit Service Alternatives based on:
  - outreach efforts from Stage I
  - based on needs from Stage II
- Create Capital and O&M Costs for each Alternative
- Evaluate and Compare Alternatives
  - utilize ridership estimation tool
  - develop evaluation matrix
- Complete Service Alternatives Plan
- Draft of ITSP Report & Public Outreach

Questions/Discussion