Overall Framework Guiding Service Planning Process

- Identify needs for transit service:
  - Identify markets: jobs, higher education, community/social services, shopping
  - Connectivity: How convenient is travel?
  - Service quality: How often do buses operate? What are the hours and days of service?
  - Regional needs: "Beyond borders"

Port St. Lucie Urbanized Area

- First ever regional Transit Development Plan
- Service area coverage insufficient: most of population has no access to bus routes
- Poor connectivity between communities and service areas
- Underserved markets
- Need to look to future for intra- and inter-regional travel

Service Areas

- U.S. 1 and A1A
- Lakewood Park
- Ft. Pierce
- Port St. Lucie
- Jensen Beach
- Stuart
- Palm City
- Hobe Sound
- Indiantown
- Inter-regional connectivity

Range of Service Improvements

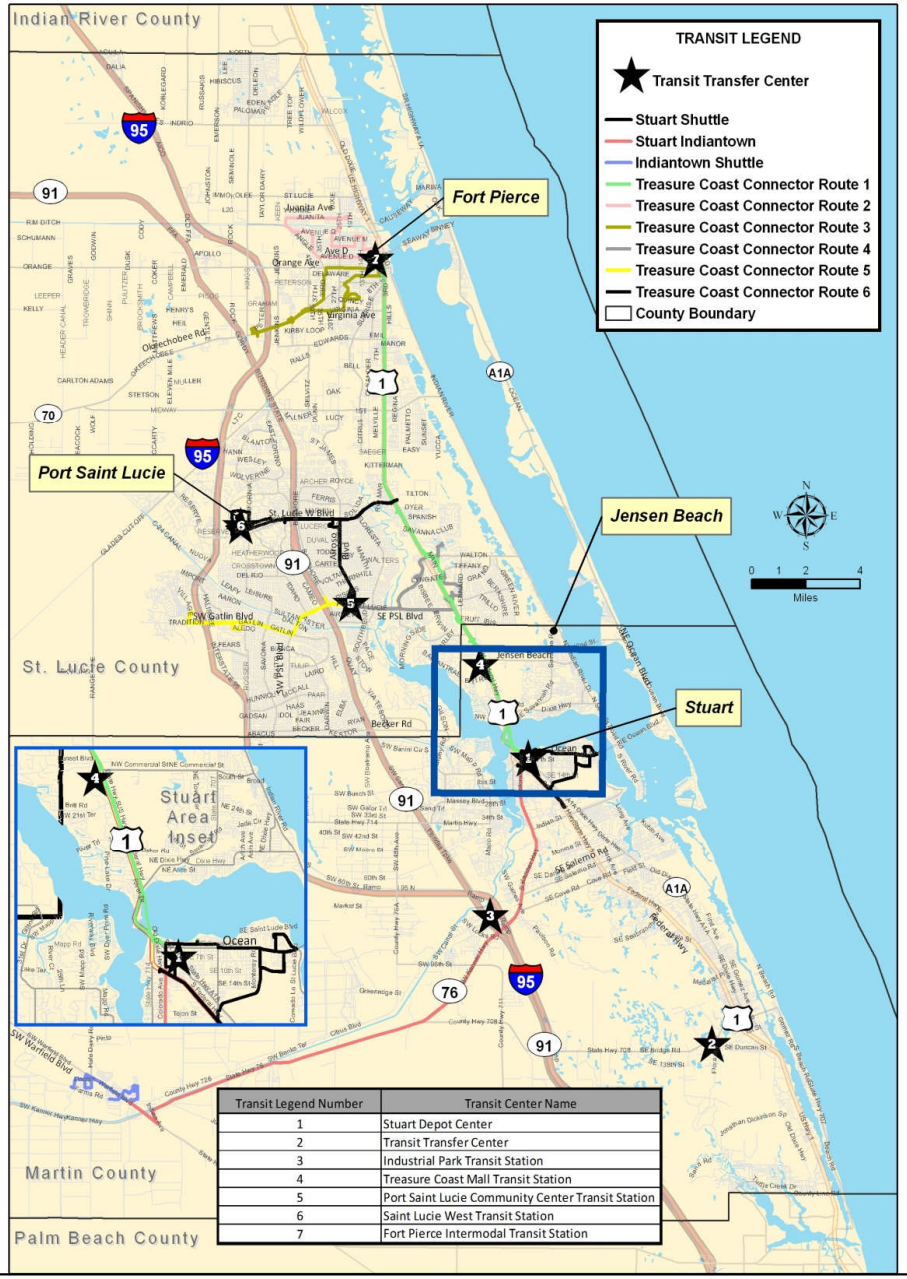
- Grow Existing System to 2019 with no service improvements
- Improve weekday service to one bus every 30 minutes – existing system
- Implement Saturday service
- Implement Saturday and Sunday service
- Extend service hours from 6:00 a.m. to 8:00 p.m.

Range of Service Improvements

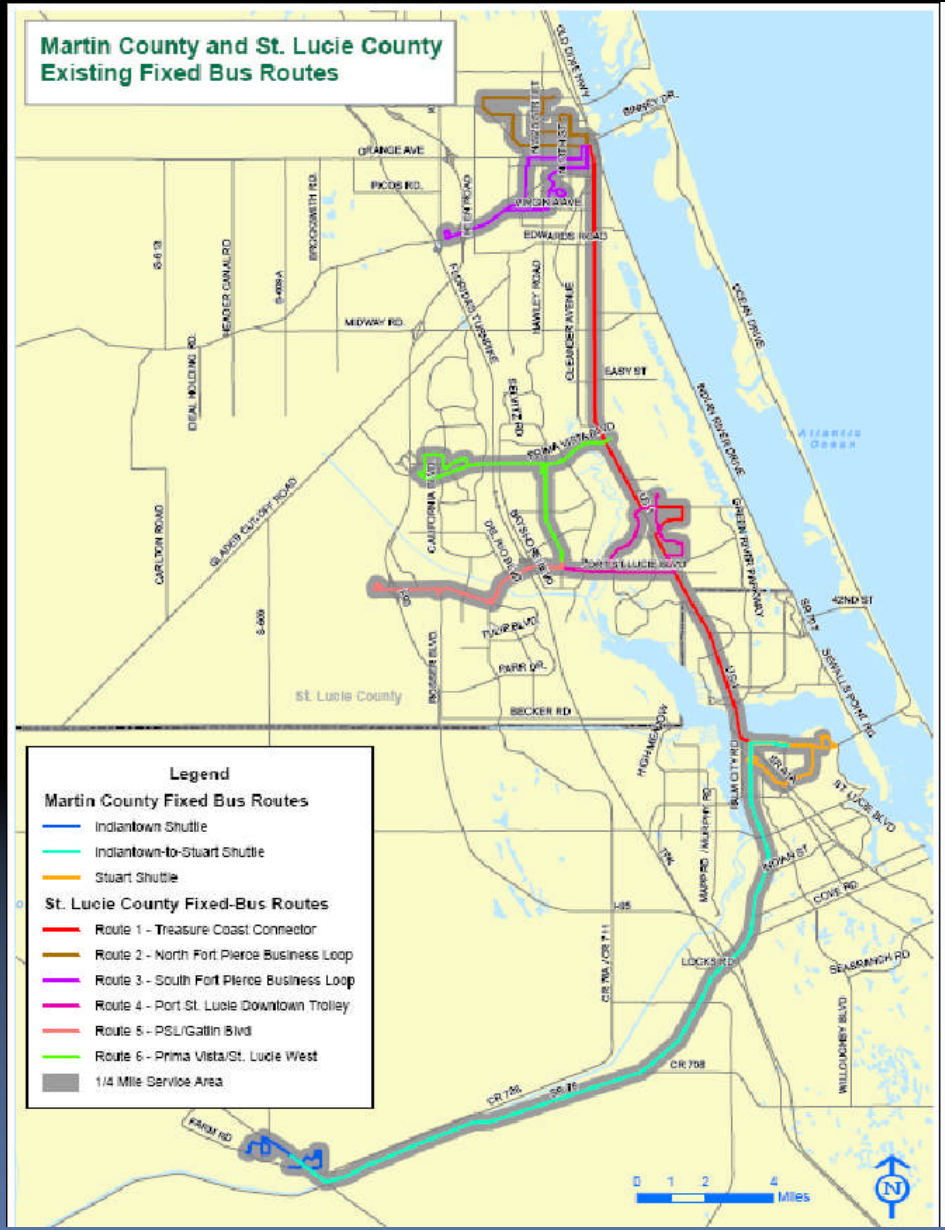
- Implement frequency and weekend improvements (combo package)
- Existing transit network + concept network

- Used a transit ridership forecasting model called "T-BEST" to estimate ridership yields form each scenario

Existing System



Transit Legend Number	Transit Center Name
1	Stuart Depot Center
2	Transit Transfer Center
3	Industrial Park Transit Station
4	Treasure Coast Mall Transit Station
5	Port Saint Lucie Community Center Transit Station
6	Saint Lucie West Transit Station
7	Fort Pierce Intermodal Transit Station


Martin County and St. Lucie County
Existing Fixed Bus Routes
Legend
Martin County Fixed Bus Routes
Indiantown Shuttle
Indiantown-to-Stuart Shuttle
Stuart Shuttle
St. Lucie County Fixed-Bus Routes
Route 1 - Treasure Coast Connector
Route 2 - North Fort Pierce Business Loop
Route 3 - South Fort Pierce Business Loop
Route 4 - Port St. Lucie Downtown Trolley
Route 5 - PSL/Gatlin Blvd
Route 6 - Prima Vista/St. Lucie West
1/4 Mile Service Area
St. Lucie County
0 1 2 4 Miles

Expanded Service Hours

Alternative	Description	Total Annual Revenue Hours	Annual Weekday Ridership Based on TBEST	Annual Cost in 2009 $	Annual Cost - Hours of Service Improvement Only in 2009 $
Expand Service	Grow to 2019 and expand service from 6am to 10pm				
Base System 2009		35,182		$1,688,957	
TCC Route 1	Treasure Coast Connector	3,780	132,602	$186,127	$186,127
TCC Route 2	N. Fort Pierce Business	1,260	38,178	$62,042	$62,042
TCC Route 3	S. Fort Pierce Business	1,260	67,889	$62,042	$62,042
TCC Route 4	Port St. Lucie Trolley	1,260	11,063	$62,042	$62,042
TCC Route 5	Port St. Lucie/Gatlin Blvd	1,260	8,064	$62,042	$62,042
TCC Route 6	Prima Vista/St. Luice Blvd West	2,520	19,832	$124,085	$124,085
Stuart Shuttle	Stuart Shuttle	1,357	26,233	$61,081	$61,081
Stuart-Indian	Indiantown to Stuart Shuttle	2,617	50,677	$117,781	$117,781
Indiantown Shuttle	Indiantown Shuttle	677	26,863	$30,463	$30,463
		51,173	381,402	$2,456,665	$767,708

Future Route Network

- **Improve connectivity** and customer travel choices;
- **Provide linkages** between transit transfer centers ;
- **Provide greater accessibility** to fixed-route bus transit;
- Focus the **transit network on U.S. 1**;
- Provide **more connections between Martin and St. Lucie Counties**;
- **Provide greater inter-regional connections**

Access

Indian River County
2006 ESRI Census Data
Total Population within 1/4 Mile
of Concept Route Network: 141,298
2006 ESRI Census Data
Total Population within 3/4 Mile
of Concept Route Network: 254,584
Atlantic Ocean
St. Lucie County
Martin County
95
70
1
A1A
91
N
S
E
W
0
2
4
Miles

Impact = More than 800,000 annual passenger trips

Alternative/Description Base System 2009 Plus Concept Network Routes Operating Weekdays Only with 11 Hour Service Span (7:00 a.m. to 6:00 p.m.)	Annual Revenue Hours - Weekday Only	Annual Weekday Ridership from TBEST	Annual Cost in 2009 $	Annual Cost - Hours of Service Improvement Only in 2009 $
Base System 2009	35,182		$1,688,957	
Ft. Pierce to Hutchinson Island	1,525	7,736	$75,071	$75,071
Hobe Sound to Treasure Coast Mall via A1A	4,453	93,467	$200,378	$200,378
Hobe Sound to Treasure Coast Mall via US1	4,344	133,711	$195,502	$195,502
Indian River to Ft. Pierce	3,374	17,842	$166,150	$166,150
Southwest Transit Center - Treasure Coast Mall Salerno	4,161	72,400	$187,223	$187,223
Southwest Transit Center to Treasure Coast Mall via Kanner	2,785	44,100	$125,307	$125,307
Stuart I-95 Express to Palm Tran and Tri-Rail	10,597	0	$476,847	$476,847
Port St. Lucie to Treasure Coast Mall	3,714	51,458	$182,901	$182,901
Port St. Lucie to Ft. Pierce Intermodal	3,657	61,034	$180,047	$180,047
Port St. Lucie to Ft. Pierce Intermodal via US1	4,254	75,197	$209,455	$209,455
Port St. Lucie to St. Lucie West	2,832	39,161	$139,471	$139,471
South Port St. Lucie to St.Lucie West	2,276	16,254	$112,049	$112,049
South Port St. Lucue To Trasure Coast Mall	2,946	67,838	$132,565	$132,565
South Stuart Shuttle	1,819	30,542	$81,875	$81,875
Stuart to Hutchinson Island	4,317	81,724	$194,254	$194,254
Treasure Coast Mall to Jensen Beach	2,611	19,933	$117,482	$117,482
Totals	**59,664**	**812,398**	**$4,465,534**	**$2,776,577**

Policy & Priority Guidance – 2010-2014

- Pursue the ***single identity*** of transit in the region
- Continue to pursue ***regional transit organization*** opportunities
- Continue to ***develop the infrastructure*** needed to accommodate future network growth
- Focus service improvements on the ***existing system***
- Consider ***new routes*** as existing funding sources allow