

# TRANSPORTATION NEEDS

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City of Gainesville Needs List  
Auto / Bike / Ped / Transit



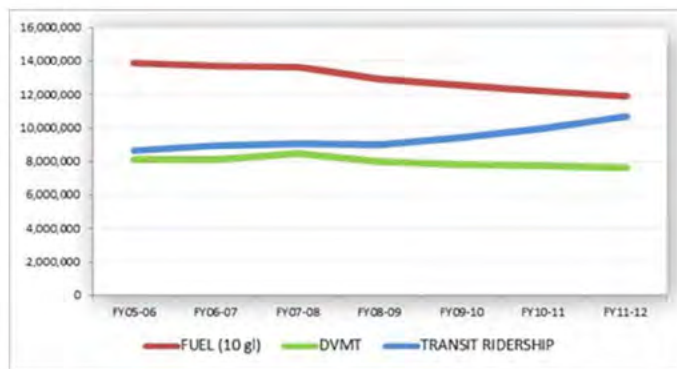
Public Works Department / Regional Transit System  
September 19, 2013

# Balanced Approach

- Balanced approach to provide for the needs of all users – auto/bike/ped/transit
- Transportation Improvement Plan (TIP) identifies transportation needs and prioritization criteria; serves as basis for transportation infrastructure investments
- GIS system used to automate the application of the TIP criteria for sidewalks
- MicroPaver used to assess pavement condition
- Transit Development Plan guides transit investments
- LRTP guides regional decisions

# Balanced Approach

- Transit:
  - Over **10.7 million riders in 2012**; record daily ridership early Fall 13 with **65,667 riders**
  - Partnerships with UF and Santa Fe College
- Walk Friendly Community – Bronze Level
- Bicycle Friendly Community – Silver Level



# Project Prioritization

## PRIORITIZATION CRITERIA: MAJOR PROJECTS

**1. Condition (max = 9 points)**

(a) Traffic volumes

AAOT > 10,000 or Nearest alternate route > 3 mi longer or Project is single route between points A & B	3
5,000 > AAOT < 10,000 or Nearest alternate route is 2-3 mi longer	2
AAOT < 5,000 or Nearest alternate route < 3 mi longer	1

(b) Roadway Class

Arterial	3
Collector	2
Local	1

(c) PCIMagnitude

PCI = 0-40, or project is	1
PCI = 41-74, or project is	2
PCI = 75-89, or project is	3
PCI = 90-100, no improv	4

## PRIORITIZATION CRITERIA: INTERSECTIONS

**2. Safety (max. 7 points)**

(a) Safety improvements

Addresses a documented safety element	1
Addresses a documented safety element include	2
System preservation PRT	3

(b) Bike/ped safety

Provides physical separation	1
Addresses safety for cross	2
Adds high-visibility cross	3
Replaces existing cross	4
No effect or no informal	0

(c) Traffic Calming

Less than 15 years	1
Over 15 years	2

(d) Roundabout (all above plus the following)

Crash History	1
Total number of crashes:	
Less than 5 crashes	1
6 to 9 crashes	2
Over 10 crashes	3
Severity of crashes:	
Property damage only	1
Minor injuries (non-incapacitating)	2
Major injuries (incapacitating or F)	3
Number of crashes w/in last 12 mos:	
Less than 5 crashes	1
Over 5 crashes	2

## PRIORITIZATION CRITERIA: SIDEWALKS

(a) Roadway class

Arterial/Collector with no opposite sidewalk	15
Arterial with opposite sidewalk	10
Local with no opposite sidewalk	8
Collector with no opposite sidewalk	5
Local with opposite sidewalk	3

(b) Traffic volume

AAOT > 5,000	10
5,000 > AAOT < 1,000	5
AAOT < 1,000	0

(c) Proximity to activity center

Located in downtown/core area	15
Located within 1/4 mile radius	10
Located between 1/4 to 1/2 mile radius	5

(d) Proximity to transit route

Located within 1/4 mile radius of a transit stop	10
Located between 1/4 to 1/2 mile radius of a transit stop	5

(e) Proximity to multifamily land use

Located within 1/4 mile radius	10
Located between 1/4 to 1/2 mile radius	5

(f) Proximity to school

Located within 1/4 mile radius	10
Located between 1/4 to 1/2 mile radius	5

(g) Socio-economic consideration

Located in CDBG district	10
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(h) Other considerations

Safety	10
Feasibility of construction	5
Citizen requests	5

**Roadways:** road class; volumes; safety; connectivity; socio-economic considerations; consistency with other plans/investments

**Intersections:** age of structures; traffic volumes; intersection type; safety

**Sidewalks:** road class; traffic volumes; location; access; socio-economic considerations; safety; feasibility of construction

**Trails:** grid connectivity; location; feasibility

**Transit:** productivity; demand; service equity; public input

# Unfunded Needs - ROADWAYS

• Preservation of Existing System Pavement Management & Traffic Signal Replacement	\$26,778,500*
• Enhancement of Existing System Reconstruction & Capacity	\$42,516,000
• Enhancement to Bike & Ped Facilities ADA; Sidewalks; Safety; Trails	\$11,964,000
• New Corridors System expansion to alleviate congestion	\$41,300,000
• MTPO Priorities	\$33,500,000

**\$156,058,500**

Notes: \* Excludes costs of shared County/City traffic signal replacement (County's share is \$3,067,500)

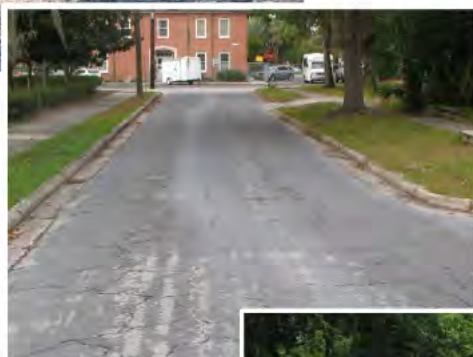
## Unfunded Needs –TRANSIT (City only)

• Fleet Replacement	\$71,959,329
Replacement of existing fleet	
• Enhancement of Existing Routes	\$20,536,209
Capital and operating costs	
• Bus Stop Improvements	\$4,291,130
Meet ADA standards and enhance quality	
• Infrastructure & Software	\$5,038,740
Multimodal hub and software upgrades	
• Bus Rapid Transit (BRT) – Phase 1	\$42,131,081
Capital and operating costs	
	<b>\$143,956,489</b>

# Unfunded Needs –TRANSIT (Shared)

Needs	Cost Share		
	Gainesville	County	Municipalities
•Fleet Replacement Replacement of existing fleet	-	\$9,201,461	-
•Enhancement of Existing Routes Capital and operating costs	\$36,307,327	\$16,824,939	-
•Add New Routes Capital and operating costs	\$21,872,064	\$12,236,198	-
•Add Express Service Express service to Alachua, Archer and Newberry	-	-	\$10,579,619
•Bus Stop Improvements Meet ADA standards and enhance quality	-	\$491,354	-
•Enhancement of Paratransit Routes Capital costs	\$1,825,428	\$782,326	-
•Bus Rapid Transit (BRT) Capital and operating costs	\$35,641,739	\$14,118,878	-
<b>TOTAL</b>	<b>\$89,795,195</b>	<b>\$52,855,666</b>	<b>\$10,579,619</b>

# Preservation of Existing System



Focus on traffic operation improvements by replacing obsolete signal structures and resurfacing roadways to improve overall pavement condition.

City Cost: \$26,778,500

County Cost: \$3,067,500

Total Cost: \$29,846,000

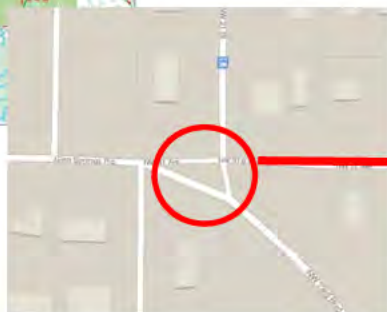


## *Preservation of Existing System*

	<b>Location</b>	<b>Type</b>	<b>Estimated Cost</b>	<b>Committed</b>	<b>Source</b>	<b>Needs</b>
<b>1</b>	<b>Pavement Management</b>	<b>Resurfacing</b>	<b>\$28,755,000</b>	<b>\$ 4,500,000</b>	<b>CIP FY11-15</b>	<b>\$23,846,000</b>
<b>2</b>	<b>Traffic Signal Replacement *</b>	<b>Intersection</b>	<b>\$ 2,932,500</b>			<b>\$ 2,932,500</b>

Notes: \* Reflects cost of intersections 100% owned by the City plus \$1,432,500 needed to replace shared City/County traffic signals. The total County share is \$3,067,500.

# Enhancement of Existing System



Typical projects include reconstruction to create complete streets that improve pavement condition, mobility, safety and capacity; projects are consistent with other local strategies including economic development efforts.

**Total Cost: \$42,516,000**

## Enhancement – Existing System

	Location	Type	Estimated Cost	Committed Source	Needs
1	W 6th St: NW 8th Ave to SW 16th Ave	Reconstruction	\$ 6,516,000	\$1,500,000	CIP FY12 \$5,016,000
2	SW 62nd Blvd: SW 20th Ave to Newberry Rd	Reconstruction w/increased capacity	\$23,800,000		\$23,800,000
3	NW 8 Avenue Bridge Replacement	Reconstruction	\$ 2,600,000		\$ 2,600,000
4	Bus Bays: N Main St by Gainesville Shopping Center	Increased Capacity	\$ 500,000		\$ 500,000
5	NW 31st Ave: Glen Springs Rd to NW 19th St	Reconstruction	\$ 2,800,000		\$ 2,800,000
6	SE 3rd/4th Ave: Hawthorne Rd to Williston Rd	Reconstruction	\$ 1,500,000		\$ 1,500,000
7	SE 7th Ave/8th Ave: Williston Rd to Hawthorne Rd	Reconstruction	\$ 2,700,000		\$ 2,700,000
8	NE 21st Ter: E University Ave to NE 3rd Ave	Reconstruction	\$ 375,000		\$ 375,000
9	NE 2nd St: NE 10th Avenue to NE 16th Avenue	Reconstruction	\$ 2,200,000	\$1,395,000	CIP FY13/15 \$ 805,000
10	Roundabout: SW 40th Blvd & SW 42nd St	Intersection	\$ 500,000		\$ 500,000

## *Enhancement – Existing System*

	<b>Location</b>	<b>Type</b>	<b>Estimated Cost</b>	<b>Committed Source</b>		<b>Needs</b>
<b>11</b>	<b>Roundabout: NW 24th Blvd &amp; NW 45th Ave</b>	<b>Intersection</b>	<b>\$ 600,000</b>			<b>\$ 600,000</b>
<b>12</b>	<b>Roundabout: SE 3rd Ave &amp; SE 15th St</b>	<b>Intersection</b>	<b>\$ 500,000</b>			<b>\$ 500,000</b>
<b>13</b>	<b>Roundabout: SE 2nd Ave &amp; SE 3rd St</b>	<b>Intersection</b>	<b>\$ 300,000</b>			<b>\$ 300,000</b>
<b>14</b>	<b>Roundabout: SE 2nd Ave &amp; SE 9th St</b>	<b>Intersection</b>	<b>\$ 300,000</b>			<b>\$ 300,000</b>
<b>15</b>	<b>Roundabout: SE 2nd Ave &amp; SE 7th St</b>	<b>Intersection</b>	<b>\$ 220,000</b>			<b>\$ 220,000</b>

# Enhancement to Bike/Ped Facilities



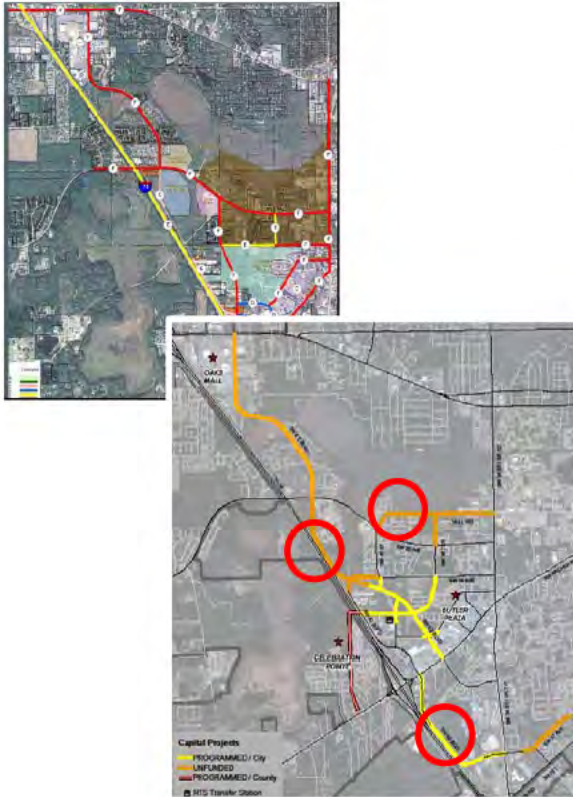
Goal is to improve safety of cyclists and pedestrians, enhancing the network to improve mobility and access, and enhancing intermodal connectivity. Projects include ADA improvements, new sidewalks, midblock crossings, safety improvements along corridors with high incidence of crashes involving cyclists and pedestrians.

Total Cost: \$11,964,000

# Enhancements to Bicycle/Pedestrian Network

	Location	Type	Estimated Cost	Committed Source	Needs
1	ADA access improvements	Safety	\$2,500,000		\$2,500,000
2	Sidewalks	Multimodal/Safety	\$2,522,000		\$2,334,000
3	Bicycle/Pedestrian Safety modifications	Safety	\$2,100,000		\$2,100,000
4	Norton Trail: NW 39th Ave to NW 45th Ave	Multimodal	\$ 150,000		\$ 150,000
5	W Sixth St trail: NW 16th Ave to NW 23rd Ave	Multimodal	\$4,500,000		\$4,500,000
6	Waldo Rd trail: NE 47th Ave to northern city limits	Multimodal	\$ 380,000		\$ 380,000

# New Corridors



New corridors expand the roadway network, adding capacity and alleviating congestion. The projects are proposed as complete streets, addressing the needs of all users. Projects are consistent with goals outlined in the City's Comprehensive Plan.

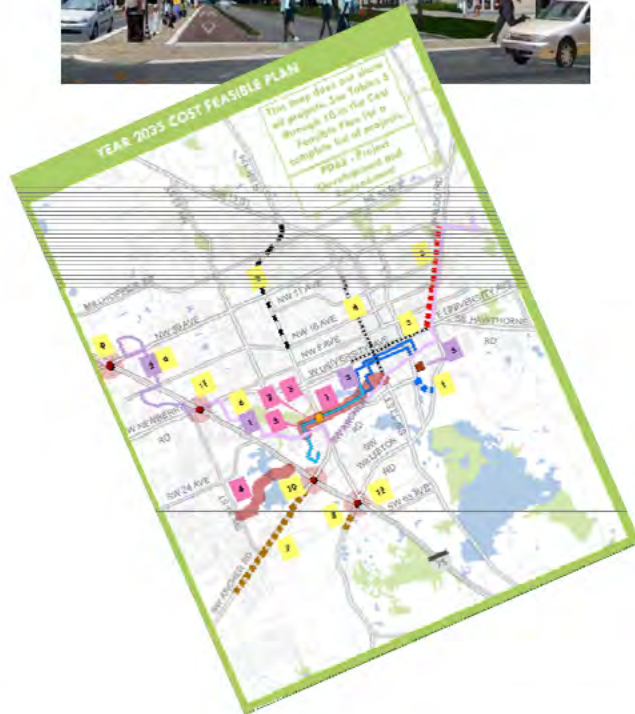
Total Cost: \$41,300,000

## Enhancements - New Corridors

	<b>Location</b>	<b>Type</b>	<b>Estimated Cost</b>	<b>Committed</b>	<b>Source</b>	<b>Needs</b>
1	<b>SW 62nd Blvd: SW 24th Ave to SW 20th Ave</b>	<b>New Capacity</b>	<b>\$33,600,000</b>			<b>\$33,600,000</b>
2	<b>SW 40th Blvd: SW 47th Ave to Archer Rd</b>	<b>New Capacity</b>	<b>\$ 4,150,000</b>	<b>\$1,250,000</b>	<b>TCEA/ CIP FY14</b>	<b>\$ 2,900,000</b>
3	<b>Hull Rd Extension: SW 38th Ter to SW 43rd St</b>	<b>New Capacity</b>	<b>\$ 4,800,000</b>			<b>\$ 4,800,000</b>



# MTPO Priorities



Projects identified as cost feasible priorities in the 2035 Long Range Transportation Plan – Livable Community Reinvestment Plan. Focus is on modifications to major corridors to serve the needs of all users/modes, strengthening the area's economic vitality and livability.

Total Cost: \$33,500,000

# MTPO Priorities

	<b>Location</b>	<b>Type</b>	<b>Estimated Cost</b>	<b>Committed Source</b>		<b>Needs</b>
1	<b>SE 16th Ave: Main St to Williston Rd</b>	<b>Add lanes</b>	<b>\$15,000,000</b>			<b>\$15,000,000</b>
2	<b>NW 34th St: NW 16th Ave to US 441</b>	<b>Corridor Enhancement</b>	<b>\$ 6,000,000</b>			<b>\$ 6,000,000</b>
3	<b>University Ave: Gale Lemerand Dr to Waldo Rd</b>	<b>Corridor Enhancement</b>	<b>\$ 4,750,000</b>			<b>\$ 4,750,000</b>
4	<b>W 13th St: Archer Rd to NW 33rd Ave</b>	<b>Corridor Enhancement</b>	<b>\$ 4,750,000</b>			<b>\$ 4,750,000</b>
5	<b>Waldo Rd: E University Ave to NE 39th Ave</b>	<b>Corridor Enhancement</b>	<b>\$ 3,000,000</b>			<b>\$ 3,000,000</b>

# Transit Priorities: Maintain Existing Service



Replacement of buses to maintain fleet in good operating condition and maintain adequate service levels minimizing disruptions



Total:                   143 buses  
                                  40 support vehicles

City Cost:                   \$71,959,329  
County Cost:               \$9,201,461  
Total Cost:                 \$81,160,790

## *Maintain Existing Service*

	Description	Beginning Year	Total 2015-2030			
			Units	Cost	City Cost	County Cost
1	Buses for Existing Service	2015	143	\$ 79,719,872	\$ 70,950,686	\$ 8,769,186
2	Support Vehicles	2015	40	\$ 1,440,918	\$ 1,008,643	\$ 432,276

# Enhance Existing Routes

Enhance existing routes by improving frequency and extending hours of service

**City-only routes: \$20,536,209**

- Shared City/County routes:
  - City share: \$36,307,327
  - County share: \$16,824,939
- Total Cost: \$73,668,475

Note: includes capital and operating costs

## Enhance Existing Service – City Only

Description	Year	Cost	City Cost	County Cost	Comments
Route 6	2015	\$3,344,363	\$3,344,363	\$ -	<i>Increase Frequency:8 hours for 30 minute headways in weekday peak; weekdays all year.</i>
Route 6	2020	\$5,253,869	\$5,253,869	\$ -	<i>Increase Frequency and Service Hours: 18 hours to provide 20 minute headways in weekday peak and extend PM operating hours; weekdays all year.</i>
Route 6	2022	\$504,967	\$504,967	\$ -	<i>Increase Saturday Frequency: 11 hours for 60 minute headways on Saturdays all year.</i>
Route 15	2015	\$3,344,363	\$3,344,363	\$ -	<i>Increase Frequency:8 hours for 30 minute headways in weekday peak; weekdays all year.</i>
Route 25	2023	\$2,139,654	\$2,139,654	\$ -	<i>Increase Frequency:8 hours for 30 minute headways in weekday peak; weekdays all year.</i>
Route 27	2023	\$1,949,064	\$1,949,064	\$ -	<i>Increase Frequency and Service Hours: 18 hours to provide ~25 minute headways in weekday peak and extend PM operating hours; weekdays all year.</i>
Route 62	2023	\$1,949,064	\$1,949,064	\$ -	<i>Increase Frequency:8 hours for 30 minute headways in weekday peak; regular weekdays all year.</i>

## Enhance Existing Service - Shared

Description	Year	Cost	City Cost	County Cost	Comments
Route 2	2020	\$5,253,869	\$4,781,021	\$472,848	<i>Increase Frequency and Service Hours: 18 hours to provide 20 minute headways in weekday peak and extend PM operating hours; weekdays all year.</i>
Route 7	2016	\$3,206,463	\$1,827,684	\$1,378,779	<i>Increase Frequency: 8 hours for 30 minute headways in weekday peak; weekdays all year.</i>
Route 7	2020	\$5,253,869	\$2,994,706	\$2,259,164	<i>Increase Frequency and Service Hours: 18 hours to provide 20 minute headways in weekday peak and extend PM operating hours; weekdays all year.</i>
Route 10	2020	\$5,253,869	\$3,677,709	\$1,576,161	<i>Increase Frequency and Service Hours: 18 hours to provide ~25 minute headways in weekday peak and extend PM operating hours; weekdays all year.</i>
Route 11	2020	\$6,044,175	\$5,258,433	\$785,743	<i>Increase Frequency and Service Hours: 18 hours to provide 20 minute headways in weekday peak and extend PM operating hours; weekdays all year.</i>
Route 24	2020	\$5,253,869	\$4,833,560	\$420,310	<i>Increase Saturday Frequency: 11 hours for 60 minute headways on Saturdays all year.</i>

## Enhance Existing Service - Shared

<b>Description</b>	<b>Year</b>	<b>Cost</b>	<b>City Cost</b>	<b>County Cost</b>	<b>Comments</b>
Route 39	2022	\$1,562,014	\$1,109,030	\$452,984	<i>Increase Frequency: 8 hours for 30 minute headways in weekday peak; fall and spring semester regular weekdays only.</i>
Route 43	2020	\$5,765,903	\$4,036,132	\$1,729,771	<i>Increase Frequency and Service Hours: 18 hours to provide 20 minute headways in weekday peak and extend PM operating hours; weekdays all year.</i>
Route 75	2016	\$1,497,452	\$269,541	\$1,227,911	<i>Increase Frequency &amp; Hours of Service: 13 hours on Saturday for 52 minute headways and 8 hours on Sunday for 105 minute headways; Saturdays and Sundays.</i>
Route 75	2020	\$5,765,903	\$1,037,863	\$4,728,041	<i>Increase Frequency and Service Hours: 18 hours to provide 20 minute headways in weekday peak and extend PM operating hours; weekdays all year.</i>
Route 76	2023	\$1,949,064	\$701,663	\$1,247,401	<i>Increase Frequency: 8 hours for 30 minute headways in weekday peak; regular weekdays all year.</i>



# New Routes – All Shared



Add 7 new routes to expand service area. All extend into unincorporated area.

Total Cost:                      \$34,108,263

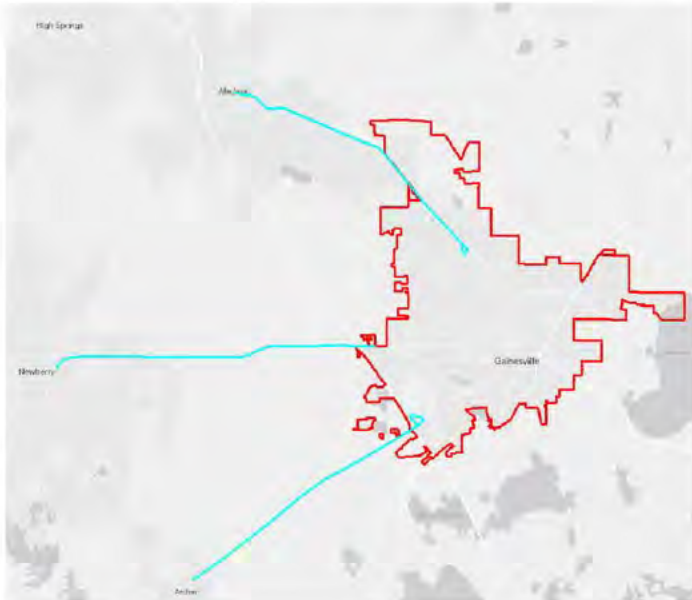
- Shared City/County routes:
  - City share:                      \$21,872,064
  - County share:                      \$12,236,198

Note: includes capital and operating costs, and support vehicles

## Add New Routes - Shared

Description	Year	Cost	City Cost	County Cost	Comments
Route 26	2019	\$5,282,162	\$1,109,254	\$4,172,908	<i>Add New Service: 13 hours for 30 minute headways during weekdays between Town of Tioga and Oaks Mall; fall and spring semester regular weekdays only.</i>
Route 44	2018	\$5,560,689	\$5,449,476	\$111,214	<i>Add New Service: 13 hours for 45 minute headways during weekdays between Shands Hospital and Hunters Crossing; fall and spring semester regular weekdays only.</i>
Route 45	2019	\$5,282,162	\$4,701,124	\$581,038	<i>Add New Service: 13 hours for 30 minute headways during weekdays between the Hub and Magnolia Park; fall and spring semester regular weekdays only.</i>
Route 47	2019	\$5,781,707	\$4,278,463	\$1,503,244	<i>Add New Service: 13 hours for 30 minute headways during weekdays between Oaks Mall and Turkey Creek; fall and spring semester regular weekdays only.</i>
Route 77	2015	\$821,850	\$419,143	\$402,706	<i>Add New Service: 4 hours morning peak for 45 minute headways between Butler Plaza and Santa Fe College via I-75; fall and spring semester regular weekdays only.</i>
Route 88	2016	\$6,097,529	\$5,914,604	\$182,926	<i>Add New Service: 13 hours for 40 minute headways during weekdays between Oaks Mall and Wal-Mart on Waldo Road; fall and spring semester regular weekdays only.</i>
Route 91	2019	\$5,282,162	\$0	\$5,282,162	<i>Add New Service: 13 hours for 45 minute headways during weekdays between Santa Fe College and Mentone; fall and spring semester regular weekdays only.</i>

# Express Service - Others



Add 3 express routes to surrounding communities (Alachua, Newberry, Archer).

**Total Cost:                   \$10,579,619**

- Cost should be provided by the specific municipality if they choose to support the service

Note: includes capital and operating costs

## Express Service - Others

Description	Year	Cost	Comments
City of Alachua	2015	\$ 3,526,540	<i>Add New Service: Weekday service; 20-minute frequencies for 6 hours; weekdays all year.</i>
City of Newberry /Jonesville	2015	\$ 3,526,540	<i>Add New Service: Weekday service; 20-minute frequencies for 6 hours; weekdays all year.</i>
City of Archer /Haile Plantation	2015	\$ 3,526,540	<i>Add New Service: Weekday service; 20-minute frequencies for 6 hours; weekdays all year.</i>

# Bus Stop Improvements

BUS STOP DESIGN GUIDELINES  
AND IMPROVEMENT PLAN

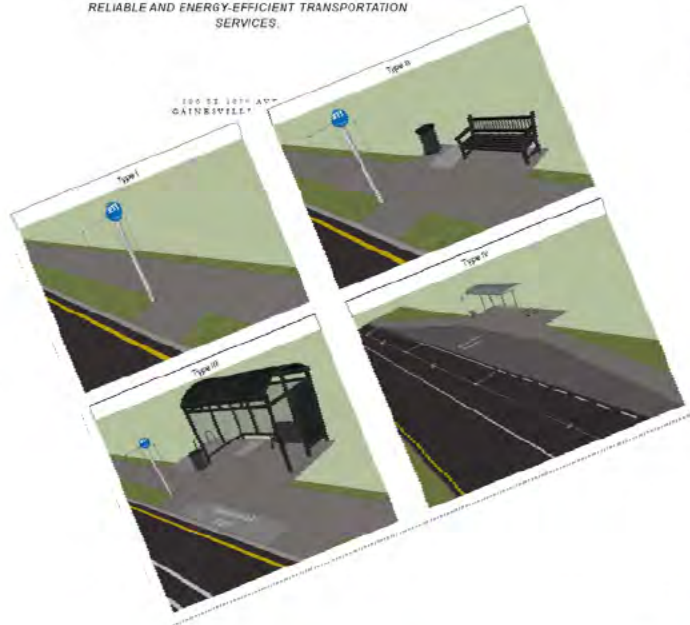
**RTS**

REGIONAL TRANSIT SYSTEM

PART 1

JANUARY 2011

RTS MISSION:  
TO ENHANCE THE QUALITY OF LIFE IN OUR COMMUNITY  
BY PROVIDING SAFE, COURTEOUS, EQUITABLE,  
RELIABLE AND ENERGY-EFFICIENT TRANSPORTATION  
SERVICES.



Modifications are required to meet ADA standards and to improve the quality of stops. Type and quality of amenities improve efficiency, affect ridership and user perception of the system<sup>1</sup>.

City Cost: \$4,291,130

- County Cost: \$491,354

- Total Cost: \$4,782,484

Source: TCRP Report 46, *The Role of Transit Amenities and Vehicle Characteristics in Building Transit Ridership*

## Bus Stop Improvements – City Only

Description	Units	Cost	Comments
Landing Pads	941	\$1,556,954	<i>Americans with Disabilities Act (ADA) Standards require all bus stops to have a boarding and alighting (B&amp;A) area that has a firm, stable, and slip-resistant surface to accommodate boarding and alighting at the stop. For a bus stop designated by only a sign on a post and no other amenities and where complementary ADA paratransit service is provided, the B&amp;A area is still required, but it may not have to be a concrete pad. Regardless, for the safety and convenience of its passengers all stops without a ADA-compliant, concrete landing pad were treated as needing one regardless of amenity presence.</i>
Benches	227	\$ 135,198	<i>RTS standards require ADA-compliant benches for all stops with 15 or more daily boardings.</i>
Trashcans	118	\$ 57,525	<i>RTS standards require trashcans for all stops with 15 or more daily boardings.</i>
Bush Shelters	129	\$ 2,532,887	<i>RTS standards require shelters for all stops with 36 or more daily boardings.</i>
Bicycle Racks	16	\$ 8,566	<i>Top 16 bus stops by bicycle occurrences.</i>

# Transit Priorities: Paratransit

Add and replace vehicles to maintain average fleet age.

Total Cost: \$2,607,754

- City share: \$1,825,428
- County share: \$782,326



## Transit Priorities: *Paratransit*

Description	Units	Cost	City Cost	County Cost	Comments
<b>ADA Vans</b>	<b>30</b>	<b>\$2,607,754</b>	<b>\$1,825,428</b>	<b>\$782,326</b>	<i>Vehicles needed to maintain average fleet age of &lt;=7 years and current percentage of 18% of ADA vans to non-articulated buses.</i>
<b>New</b>	<b>8</b>	<b>\$616,180</b>	<b>\$431,326</b>	<b>\$184,854</b>	
<b>Replacement</b>	<b>22</b>	<b>\$1,991,574</b>	<b>\$1,394,102</b>	<b>\$597,472</b>	



# Transit Priorities: Bus Rapid Transit



Local preferred alternative under evaluation. Route extends from Santa Fe to the Airport. Implementation will be phased.

**City-only: \$42,131,081**

(Phase 1 = Oaks Mall to 5-Points)

Shared City/County:

City share: \$35,641,739

County share: \$14,118,878

(Phase 2= Santa Fe to 5-Points)

**Total Cost: \$91,891,698**

Note: includes capital and operating costs; total route length is 12.4 miles

## Transit Priorities: *Bus Rapid Transit*

<b>Description</b>	<b>Cost</b>	<b>City Cost</b>	<b>County Cost</b>	<b>Comments</b>
<b>AA Locally Preferred Alternative</b>	<b>\$91,891,698</b>	<b>\$77,772,820</b>	<b>\$14,118,878</b>	<i>Service beginning 2020. Phase I Oaks Mall to Five Points (2020). Phase II SantaFe Village to Five Points (2025).</i>
<b>Buses (9)</b>	<b>\$11,732,100</b>	<b>\$10,418,035</b>	<b>\$1,314,066</b>	<i>Based on peak 10-minute frequencies, 12.4 mile pattern, and spare ratio of 15%</i>
<b>Infrastructure</b>	<b>\$49,525,963</b>	<b>\$43,067,418</b>	<b>\$6,458,545</b>	<i>Based on the average capital cost per mile of actual or estimated costs for 6 nationwide BRT projects.</i>
<b>Operations</b>	<b>\$30,633,635</b>	<b>\$24,287,367</b>	<b>\$6,346,268</b>	<i>Daily, all year, Weekday 10 minute frequency for 10 hours and 15 minute frequency for 8 hours; Saturday 20 minute frequency for 15 hours, Sunday 30 minute frequency for 12 hours</i>

## Transit Priorities: Infrastructure & Upgrades



Creation of a multimodal hub to serve as transfer station and integrate with other service providers

Total Cost: \$3,936,260 (City)

Upgrade scheduling software and radio system to increase service efficiency

Total Cost: \$1,102,480 (City)

## Transit Priorities: Infrastructure & Upgrades

Description	Year	Cost	Comments
<b>Multimodal Regional Transportation Center</b>	2021	\$3,936,260	<i>Facility will serve as a major hub for RTS University of Florida campus routes and other RTS routes in the vicinity. Facility will also be utilized by private providers such as Greyhound and Amtrak.</i>
<b>Scheduling Software</b>	2024	\$706,486	<i>Replace current scheduling process that primarily relies on Microsoft Excel with holistic software capable of fully maximizing route interconnectedness and time savings. Software will aid implementation of demand response services and possible inclusion of paratransit services.</i>
<b>Digital Radio System Upgrade</b>	2015	\$395,993	<i>Digital radio system creates the opportunity to streamline all data collection processes into a single location including real-time passenger information and automatic vehicle location.</i>

## Recommended Funding List – 8 Yr

• Pavement Management	\$12,000,000
• Signal Replacement 8 <sup>th</sup> /6 <sup>th</sup> St	\$ 375,000
• SW 6 Street	\$ 5,016,000
• W 62 Blvd (existing section)	\$23,800,000
• NW 8 Avenue Bridge	\$ 2,600,000
• Bus Bay Main Street	\$ 500,000
• ADA Access Improvements	\$ 2,500,000
• Sidewalks	\$ 1,200,000
• Bicycle/Pedestrian Safety	\$ 2,100,000
• SW 40 Blvd – SW 47 <sup>th</sup> to SR 24	<u>\$ 2,900,000</u>
TOTAL	\$52,991,000

## Recommended Funding List – 8 Yr

• Service Improvements:	
• Routes 2, 11, 24, 27	\$ 4,600,000
• Routes 6, 10, 15, 43	\$ 5,600,000
• New Routes 44, 45, 47, 77, 88	\$ 6,200,000
• Maintain Existing Service (Buses)	\$ 14,500,000
• Bus Stop Improvements	\$ 2,300,000
• Paratransit Vehicles	\$ 500,000
• Digital Radio System Upgrade	\$ 400,000
• MRT Center (Design)	\$ 500,000
• Bus Rapid Transit (Phase 1)	<u>\$ 21,000,000</u>
<b>TOTAL</b>	<b>\$ 55,600,000</b>

## Additional Funding List – 16 Yr

• Pavement Management	\$11,846,000
• Signal Replacements	\$ 1,125,000
• Sidewalks	\$ 1,134,000
• W 6 <sup>th</sup> Street Trail – 16 <sup>th</sup> Ave to 23 <sup>rd</sup> Ave	\$ 4,500,000
• SW 62 Blvd – SW 24 Ave to 20 <sup>th</sup> Ave	<u>\$33,600,000</u>
TOTAL	\$52,205,000

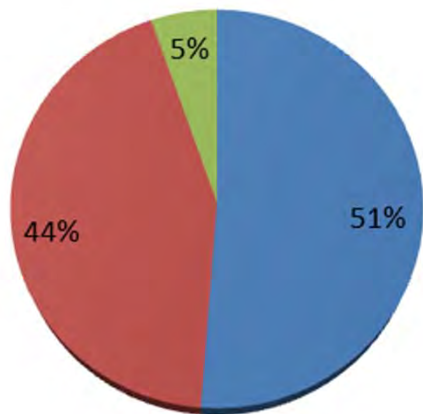
## Recommended Funding List – 16 Yr

• Service Improvements:	
• Routes 2, 11, 24, 27	\$ 4,600,000
• Routes 6, 10, 15, 43, 46	\$ 6,200,000
• New Routes 44, 45, 47, 77, 88	\$ 6,200,000
• Maintain Existing Service (Buses)	\$ 15,000,000
• Bus Stop Improvements	\$ 1,500,000
• Paratransit Vehicles	\$ 1,500,000
• MRT Center (Construction)	\$ 4,000,000
• Scheduling Software	\$ 750,000
• Bus Rapid Transit (Phase 2)	<u>\$ 16,500,000</u>
<b>TOTAL</b>	<b>\$ 56,250,000</b>



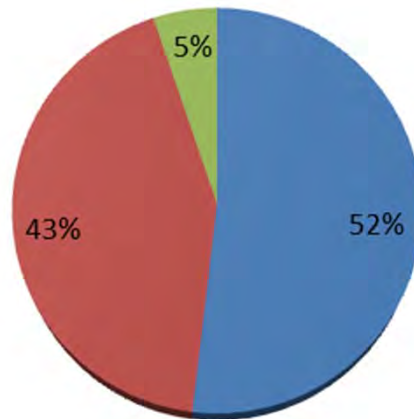
### 8 Year Distribution

■ Transit ■ Roadways ■ Bike/Ped



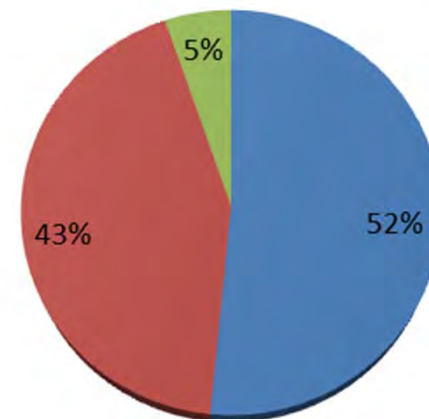
### 16 Year Distribution

■ Transit ■ Roadways ■ Bike/Ped



### Total Distribution

■ Transit ■ Roadways ■ Bike/Ped



# QUESTIONS?