**2009** N.W. 67 PLACE, SUITE A, GAINESVILLE, FLORIDA 32653-1603 (352) 955-2200 SUNCOM 625-2200 FAX (352) 955-2209 July 22, 2009

TO:

Citizens and Technical Advisory Committees (CAC & TAC)

FROM:

Marlie Sanderson, Director of Transportation Planning

**SUBJECT:** 

Meeting Announcement and Agenda

# NOTE- TAC MEETS AT RPC OFFICE, NOT GRU

On Wednesday, July 29<sup>th</sup>, the TAC will meet at 2:00 p.m. at the North Central Florida Regional Planning Council Office at 2009 NW 67<sup>th</sup> Place, Gainesville Florida. Also on Wednesday, July 29<sup>th</sup>, the CAC will meet at 7:00 p.m. in the Grace Knight Conference Room, Alachua County Administration Building, 12 SE 1<sup>st</sup> Street. Times shown on this agenda are for the CAC meeting.

#### **STAFF RECOMMENDATION**

7:00 p.m.

I. Introductions (if needed)\*

II. Approval of the Meeting Agenda

APPROVE AGENDA

Page #3

III. Approval of Committee Minutes

APPROVE MINUTES

Page #27

IV. Upcoming Meetings

FOR INFORMATION ONLY

- A. Next MTPO meeting- (August 10<sup>th</sup> at 3:00 p.m.)
- B. Next set of Committee Meetings- (September 2<sup>nd</sup> if needed)

Page #29 7:15 p.m.

V. Archer Road/SW 16<sup>th</sup> Avenue Project Development and Environment (PD&E) Study

REVIEW AND DEVELOP RECOMMENDATIONS

City staff will discuss the proposed Archer Road/SW 16th Avenue cross-sections

Page #37 VI. Regional Transit System- Transit DEVELOP REVIEW COMMENTS

7:45 p.m. Development Plan

RTS staff is requesting review comments on this draft plan

Page #39 VII. SW 20th Avenue- Scoping Plans APPROVE ALTERNATIVE 3

7:45 p.m.

FDOT has updated the SW 20th Avenue Corridor Study

#### VIII. Information Items

The following materials are for your information only and are not scheduled to be discussed unless otherwise requested

Page #105 A. CAC and TAC Attendance Records
Page #107 B. FDOT Mast Arm Policy- Update

If you have any questions regarding the agenda items or enclosed materials, please contact Marlie Sanderson at 955-2200, extension 103.

<sup>\*</sup>No handout included with the enclosed agenda material.



#### **MINUTES**

# GAINESVILLE URBANIZED AREA TRANSPORTATION STUDY METROPOLITAN TRANSPORTATION PLANNING ORGANIZATION (MTPO) TECHNICAL ADVISORY COMMITTEE (TAC)

NCFRPC Charles F. Justice Conference Room	2:00 p.m.
2009 NW 67 <sup>th</sup> Place	Wednesday
Gainesville, Florida	May 27, 2009

MEMBERS PRESENT	MEMBERS ABSENT	OTHERS PRESENT	STAFF PRESENT
Jonathan Paul, Chair	Dekova Batey	Jordan Green	Marlie Sanderson
Doug Robinson, Vice Chair	Linda Dixon	Don Hambidge	Michael Escalante
Steve Dopp	Ron Fuller	Doreen Joyner-Howard	
Kathy Fanning	Harrell Harrison	Bikram Wadhawan	
John Gifford	Michael Iguina		
Stewart Pearson	•		
Dean Mimms			
Ha Nguyen			
Karen Taulbee			

#### CALL TO ORDER

Chair Jonathan Paul, Alachua County Concurrency & Impact Fee Manager, called the meeting to order at 2:14 p.m.

Mr. Marlie Sanderson, MTPO Director of Transportation Planning, stated that agenda item V. Interstate 75 Master Plan Study is for information only and could be discussed.

#### I. INTRODUCTIONS

Chair Paul introduced himself and asked others to introduce themselves. He noted that a quorum of the TAC was not present.

#### V. INTERSTATE 75 MASTER PLAN STUDY

Chair Paul stated that Florida Department of Transportation (FDOT) staff could discuss the Interstate 75 Master Plan update.

Mr. Jordan Green, FDOT District 2 Rural Area Transportation Development Engineer, announced that there would be public meetings on June 16<sup>th</sup> in the FDOT District 2 Office in Lake City and at the Best Western Gateway Grand on June 18<sup>th</sup> in Gainesville. He said that the doors would open at 4:30 p.m. and formal comments taken beginning at 6:00 p.m. He and Mr. Bikram Wadhawan, Reynolds, Smith & Hills Transportation Engineer, discussed the Interstate 75 Master Plan update and answered questions.

Mr. Mike Escalante, MTPO Senior Planner, informed the TAC Chair that a quorum of the TAC was present.

#### II. APPROVAL OF THE MEETING AGENDA

Chair Paul asked for approval of the meeting agenda.

ACTION: Dean Mimms moved to approve the remaining meeting agenda. Steve Dopp seconded; motion passed unanimously.

#### III. APPROVAL OF COMMITTEE MINUTES

Mr. Sanderson stated that the April 1, 2009 and April 29, 2009 minutes are ready for approval.

ACTION: Dean Mimms moved to approve the April 1, 2009 TAC minutes and April 29, 2009 TAC minutes. Steve Dopp seconded; motion passed unanimously.

#### IV. UPCOMING MEETINGS

Mr. Sanderson announced that the next MTPO meeting is scheduled for June 8<sup>th</sup> at 6:00 p.m. in the Jack Durrance Auditorium. He said that the TAC's next meeting, if needed, is scheduled for July 1<sup>st</sup>.

## VI. SW 62<sup>ND</sup> CONNECTOR INTERIM PROJECTS 30 PERCENT DESIGN PLANS

- A. SW 40<sup>TH</sup> BOULEVARD AT ARCHER ROAD INTERSECTION MODIFICATIONS
- B. SW 43<sup>RD</sup> STREET AT SW 20<sup>TH</sup> AVENUE INTERSECTION MODIFICATIONS
- C. SMART BUS BAY ON SW 20<sup>TH</sup> AVENUE

Mr. Marlie Sanderson, MTPO Director of Transportation Planning, that Alachua County staff has submitted 30 percent design plans for the SW 40<sup>th</sup> Boulevard at Archer Road Intersection Modifications, SW 43<sup>rd</sup> Street at SW 20<sup>th</sup> Avenue Intersection Modifications, and Smart Bus Bay on SW 20<sup>th</sup> Avenue.

Mr. Terry Shaw, HNTB Associate Vice President, discussed the 30 percent design plans for the SW 40<sup>th</sup> Boulevard at Archer Road Intersection Modifications, the SW 43<sup>rd</sup> Street at SW 20<sup>th</sup> Avenue Intersection Modifications and the Smart Bus Bay on SW 20<sup>th</sup> Avenue and answered questions.

Mr. Stewart Pearson, City of Gainesville City Engineer, discussed City staff comments and answered questions.

#### ACTION: John Gifford moved to recommend that the MTPO approve the:

- 1. SW 40<sup>th</sup> Boulevard at Archer Road Intersection Modifications Project 30 Percent Design Plans,
  - A. provided that a written explanation is included that discusses why the MTPO Design Policy Manual shade tree provisions cannot be followed; and
  - B. include a sidewalk on the west side of SW 40<sup>th</sup> Boulevard (note-this will require the shifting of the alignment and/or additional right-of-way to accommodate this recommendation).
- 2. SW 43<sup>rd</sup> Street at SW 20<sup>th</sup> Avenue Intersection Modifications 30 Percent Design Plans,
  - A. provided that a written explanation is included that discusses why the MTPO Design Policy Manual shade tree provisions cannot be followed; and
  - B. extend the curb-and-gutter and sidewalk on the west side of SW 43<sup>rd</sup> Street past the Begin of Project to the existing driveway for the soccer fields in order to:
    - i. prevent back-out parking (safety issue) that occurs on weekends and evenings; and
    - ii. preserve the edge of pavement for SW 43<sup>rd</sup> Street and the existing drainage swale.
- 3. Smart Bus Bay on SW 20<sup>th</sup> Avenue 30 Percent Design Plans, that includes a written explanation that discusses why the MTPO Design Policy Manual shade tree provisions cannot be followed.

Steve Dopp seconded; motion passed unanimously.

It was a consensus of the TAC to have Alachua County staff and its consultant meet with Regional Transit System (RTS) staff to discuss the City's Smart Bus Bay comments.

# VII. AMERICAN RECOVERY & REINVESTMENT ACT (ARRA) ENHANCEMENT PROJECTS- SCOPING PLANS

# A. NW 34<sup>TH</sup> STREET [NW 39<sup>TH</sup> AVENUE TO US 441] SIDEWALK

Mr. Sanderson stated that Florida Department of Transportation (FDOT) staff has provided some information regarding the NW 34<sup>th</sup> Street Sidewalk scoping plans. He discussed the scope of the NW 34<sup>th</sup> Street Sidewalk Project and answered questions. He noted that there would be a 6-foot Americans with Disabilities Act (ADA)-compliant sidewalk. He added that the project would be split into two phases, with Phase 1 from NW 39<sup>th</sup> Avenue to NW 53<sup>rd</sup> Avenue and Phase 2 from NW 53<sup>rd</sup> Avenue to US 441.

Mr. Don Hambidge, City of Gainesville Public Works Engineer, discussed the NW 34<sup>th</sup> Street Sidewalk scoping plans and answered questions.

ACTION: John Gifford moved to recommend that the MTPO approve the scope for the NW 34<sup>th</sup> Street Sidewalk Project to replace the existing asphalt path with a 6-foot ADA-compliant sidewalk. Steve Dopp seconded; motion passed unanimously.

# B. SW 8<sup>TH</sup> AVENUE [TOWER ROAD TO SW 67<sup>TH</sup> TERRACE] SIDEWALK

Mr. Sanderson stated that FDOT staff has provided some information regarding the SW 8<sup>th</sup> Avenue Sidewalk Project.

Ms. Ha Nguyen, Alachua County Contract & Design Manager, discussed the scope of the SW 8<sup>th</sup> Avenue Sidewalk Project and answered questions. She noted that the design does not include a bus shelter. She said that the County would coordinate with RTS. She added that bus shelters would be addressed with the SW 8<sup>th</sup> Avenue Resurfacing and SW 61<sup>st</sup> Avenue Construction projects.

ACTION: John Gifford moved to recommend that the MTPO approve the scope for the SW 8<sup>th</sup> Avenue Sidewalk Project to construct an MTPO Design Policy Manual-compliant sidewalk on the north side of SW 8<sup>th</sup> Avenue that, as needed, will meander around utility poles and drainage structures. Karen Taulbee seconded; motion passed unanimously.

#### VIII. UNFUNDED PROJECT PRIORITIES

Mr. Sanderson stated that the TAC, at its April 29<sup>th</sup> meeting, developed its recommendations for the MTPO's <u>Fiscal Years 2010/2011 - 2014/2015 List of Priority Projects</u>. He noted that since that meeting, MTPO staff has discussed transportation priorities with Santa Fe College staff. He discussed revisions to the Safety Priorities and Traffic Operation Priorities and answered questions.

Ms. Karen Taulbee, FDOT Transportation Specialist, stated that the project was beyond the scope of FDOT Traffci Operations. She suggested that the project be included as a Strategic Intermodal System (SIS) priority or Project, Development and Environment (PD&E) priority.

Mr. Sanderson restated staff's recommendation to include the project in Table 8 Safety Priorities and Table 9Strategic Intermodal System (SIS) Priorities as the last priority.

ACTION: John Gifford moved to recommend that the MTPO approve the revised Table 8 Safety Priorities (see Exhibit 1). Dean Mimms seconded; motion passed unanimously.

ACTION: John Gifford moved to recommend that the MTPO approve the revised Table 9 Strategic Intermodal System Priorities (see Exhibit 2). Karen Taulbee seconded; motion passed unanimously.

Ms. Taulbee discussed proposed changes to Table 11 Traffic Operations Priorities- State Highway System (SHS) Only and Table 1 Enhancement Priorities and answered questions. She noted that the NW 6<sup>th</sup> Street/NW 13<sup>th</sup> Street Intersection Study is completed and copies would be provided to MTPO staff. She also discussed the new FDOT Mast Arm Policy.

Mr. Sanderson noted that the new FDOT Mast Arm Policy would be discussed at the MTPO meeting under Chair's Report.

ACTION: Dean Mimms moved to recommend that the MTPO approve the revised Table 11 Traffic Operations Priorities- State Highway System (SHS) Only (see Exhibit 3). Karen Taulbee seconded; motion passed unanimously.

Mr. Escalante discussed revised Enhancement Priorities and answered questions.

ACTION: Steve Dopp moved to recommend that the MTPO approve the revised Table 1 Enhancement Priorities (see Exhibit 4). John Gifford seconded; motion passed unanimously.

#### IX. ENHANCEMENT PROJECTS- STATUS REPORT

Mr. Sanderson discussed the status of Enhancement Project applications.

#### X. INFORMATION ITEMS

There was no discussion of the information items.

# ADJOURNMENT

The meeting was adjourned at 4:26 p.m.	
Date	Jonathan Paul, Chair

#### TABLE 8

#### FISCAL YEARS 2010/2011 - 2014/2015 SAFETY PRIORITIES

(within the Gainesville Metropolitan Area)

NUMBER	PROJECT	LOCATION	DESCRIPTION
1 Partially Funded	SW 20 <sup>th</sup> Avenue	AT: SW 61 <sup>st</sup> Street	Install eastbound left turnlane on SW 20 <sup>th</sup> Avenue
2	SW 62 <sup>nd</sup> Boulevard	AT: NW 4 <sup>th</sup> Place / Oaks Mall entrance	Access management*
3	NW 13 <sup>th</sup> Street [US 441]	AT: NW 6th Street [SR 20]	Realign intersection
4	Interstate 75 Interchange	AT: NW 39 <sup>th</sup> Avenue [SR 222]	Lengthen the northbound exit ramp to NW 39 <sup>th</sup> Avenue, plus related safety and intersection modifications at Interstate 75 Exit 390

<sup>\*</sup>At this intersection, the observed major crash pattern is angle collisions involving southbound through and eastbound left-turning vehicles. Eastbound vehicles exiting the mall fail to yield the right-of-way and collide with southbound vehicles. This type of crash accounted for 82% of all crashes at this intersection. Peak periods were observed between 1:00 pm to 2:00 pm and 5:00 pm to 6:00 pm. Therefore, explore the possibility of a raised median on NW 62<sup>nd</sup> Boulevard to restrict turning movements, particularly eastbound left. Traffic exiting the mall traveling towards north has several other exit options with signalized and non-signalized driveways along Newberry Road and a signalized driveway at NW 62<sup>nd</sup> Street & NW 1<sup>st</sup> Place.

#### TABLE 9

### FISCAL YEARS 2010/2011 - 2014/2015 STRATEGIC INTERMODAL SYSTEM PRIORITIES (within the Gainesville Metropolitan Area)

(Note: Projects in italic text are partially funded, as identified in the Transportation Improvement Program.)

NUMBER	PROJECT	LOCATION	DESCRIPTION
1 Partially Funded	New gateway entrance to the Gainesville Regional Airport from Waldo Road [SR 24]	FM: Waldo Road [SR 24] TO: Airport Terminal (north of 39 <sup>th</sup> Avenue [SR 222])	Ingress-egress to the airline terminal and modal connectivity to the north central Florida region
2	NE 39 <sup>th</sup> Avenue [SR 222] access to airport	FM: NE 39 <sup>th</sup> Avenue [SR 222] TO: Airport Terminal (Gainesville Regional Airport)	Reconfigure ingress-egress, improve curb-and-gutter system, add bike lanes and sidewalks, install stormwater drainage, install traffic guidance system of signs and signals
3	Extension of Airport Industrial Park Road	FM: airport service road TO: NE 49 <sup>th</sup> Road (east end of Airport Industrial Park)	Extend existing service road to provide access to Waldo Road  (Extend existing access road through east end of Airport Industrial Park, from Waldo Road [SR 24])
4	Interstate 75 Interchange	AT: NW 39 <sup>th</sup> Avenue [SR 222]	Lengthen the northbound exit ramp to NW 39 <sup>th</sup> Avenue, plus related safety and intersection modifications at Interstate 75 Exit 390

Note: The MTPO endorses the priorities #1, #2, and #3 listed above:

- 1. provided they do not compete with roadway capacity construction funding typically available from the Surface Transportation Program (STP); and
- 2. with the understanding that these funds do not come from existing funds that could be used for other projects within the Gainesville Metropolitan Area.

#### TABLE 11

# FISCAL YEARS 2010/2011 - 2014/2015 TRAFFIC OPERATIONS PRIORITIES-STATE HIGHWAY SYSTEM (SHS) ONLY (within the Gainesville Metropolitan Area)

(Note: Projects in italic text are partially funded, as identified in the Transportation Improvement Program.)

NUMBER	PROJECT	LOCATION	DESCRIPTION
1	Newberry Road [SR 26]	FM: Ft Clarke Boulevard TO: NW 8 <sup>th</sup> Avenue	Corridor/area study to look at options to address traffic flow on Newberry Road, including intersection modifications
2	NW 13 <sup>th</sup> Street [US 441]	AT: NW 6 <sup>th</sup> Street [SR 20]	Intersection realignment/construction/ signalization
3	NW 13 <sup>th</sup> Street [US 441]	FM: 2100 block TO: 2200 block	Access management and pedestrian refuge islands
4	NE 39 <sup>th</sup> Avenue [SR 222]	AT: NE 2 <sup>nd</sup> Street (See Appendix H)	Realign intersection and install horizontal mast arm traffic signals
5	SW 34 <sup>th</sup> Street [SR 121]	AT: Radio Road AT: SW 20 <sup>th</sup> Avenue	Traffic signal reconstruction to mast arms
6	Archer Road [SR 24]	AT: Newell Drive AT: SW 18 <sup>th</sup> Street/VA	Traffic signal reconstruction to mast arms
7	University Avenue [SR 26]	AT: W 3 <sup>rd</sup> Street, W 2 <sup>nd</sup> Street, W 1 <sup>st</sup> Street, E 1 <sup>st</sup> Street & E 3 <sup>rd</sup> Street	Replace five existing galvanized mast arms with MTPO-approved mast arms
8	Traffic Signal Upgrade- Non-SHS	At various intersections (see Appendix H)	Replace existing signal with horizontal mast arm signals

#### TABLE 1

## FISCAL YEARS 2010/2011 - 2014/2015 ENHANCEMENT PRIORITIES (within the Gainesville Metropolitan Area)

(Note: Projects in italic text are partially funded, as identified in the Transportation Improvement Program.)

NUMBER	PROJECT	LOCATION	DESCRIPTION
1 Partially Funded	SW 8 <sup>th</sup> Avenue	FM: Parker Road TO: SW 91 <sup>st</sup> Street	Construct ADA-compliant concrete sidewalk
2	Hull Road Extension Trail North [part of the Archer Braid*]	AT: SW 34 <sup>th</sup> Street	Construct bicycle/pedestrian grade-separated crossing
3	Hull Road Extension Trail North [part of the Archer Braid*]	FM: SW 20 <sup>th</sup> Avenue TO: SW 34 <sup>th</sup> Street [SR 121]	Construct bicycle/pedestrian trail
4	SW 23 <sup>rd</sup> Road Trail [part of the Bivens Braid*]	FM: SW 23 <sup>rd</sup> Terrace TO: Archer Road [SR 24]	Construct bicycle/pedestrian trail
5	Downtown East Central Trail	FM: Depot Avenue TO: NE 39 <sup>th</sup> Avenue [SR 222]	Construct bicycle/pedestrian trail
6	SW 43 <sup>rd</sup> Street	FM: SW 40 <sup>th</sup> Boulevard TO: SW 20 <sup>th</sup> Avenue	Construct ADA-compliant sidewalk
7	NW 3 <sup>rd</sup> Street	FM: W University Avenue TO: NW 8 <sup>th</sup> Avenue	Construct ADA-compliant sidewalk
8	E University Avenue [SR 26]	FM: E 9 <sup>th</sup> Street TO: Waldo Road [SR 24]	Pedestrian refuge islands

<sup>\*2004</sup> Alachua Countywide Bicycle Master Plan Addendum

ADA- Americans with Disabilities Act

#### **MINUTES**

# GAINESVILLE URBANIZED AREA TRANSPORTATION STUDY METROPOLITAN TRANSPORTATION PLANNING ORGANIZATION (MTPO) CITIZENS ADVISORY COMMITTEE (CAC)

12 SE 1<sup>st</sup> Street Gainesville, Florida 7:00 p.m. Wednesday May 27, 2009

#### MEMBERS PRESENT

#### MEMBERS ABSENT

#### OTHERS PRESENT

#### STAFF PRESENT

Jan Frentzen, Chair Rob Brinkman, Vice Chair

Rob Brinkman, Vice Cl Sheryl Conner Harvey Budd Nelle Bullock Mary Ann DeMatas George Blake Fletcher Sharon Hawkey Seth Lane

Chandler Otis James Samec Ewen Thomson Gary Weed Greg Sholar Ruth Steiner Tom Collette
Doreen Joyner-Howard
Ha Nguyen
Doug Robinson
Terry Shaw
Karen Taulbee
Bikram Wadhawan

Marlie Sanderson Mike Escalante

#### CALL TO ORDER

Chair Jan Frentzen called the meeting to order at 7:03 p.m.

#### I. INTRODUCTIONS

Chair Frentzen introduced himself and asked others to introduce themselves.

#### II. APPROVAL OF THE MEETING AGENDA

Chair Frentzen asked for approval of the meeting agenda.

A member of the CAC asked to add discussion of the Traffic Management System fiber optics.

ACTION: Harvey Budd moved to approve the meeting agenda amended to add discusson of the Traffic Management System fiber optics in Agenda Item X. Information Items. Nelle Bullock seconded; motion passed unanimously.

#### III. APPROVAL OF COMMITTEE MINUTES

Chair Frentzen asked for approval of the CAC meeting minutes.

ACTION: Sharon Hawkey moved to approve the April 1, 2009 CAC minutes. Sheryl Conner seconded; motion passed unanimously.

#### IV. UPCOMING MEETINGS

Mr. Marlie Sanderson, MTPO Director of Transportation Planning, announced that the next MTPO meeting is scheduled for June 8<sup>th</sup> at 6:00 p.m. in the Jack Durrance Auditorium. He said that the CAC's next meeting, if needed, is scheduled for July 1<sup>st</sup>.

#### V. INTERSTATE 75 MASTER PLAN STUDY

Mr. Sanderson stated that Florida Department of Transportation (FDOT) staff requested an opportunity to discuss the Interstate 75 Master Plan update.

Ms. Karen Taulbee, FDOT Transportation Specialist, announced that there would be public meetings on June 16<sup>th</sup> in the FDOT District 2 Office in Lake City and at the Best Western Gateway Grand on June 18<sup>th</sup> in Gainesville. She said that the doors would open at 4:30 p.m. and formal comments taken beginning at 6:00 p.m. She and Mr. Bikram Wadhawan, Reynolds, Smith & Hills Transportation Engineer, discussed the Interstate 75 Master Plan update and answered questions.

#### VI. SW 62<sup>ND</sup> CONNECTOR INTERIM PROJECTS 30 PERCENT DESIGN PLANS

- A. SW 40<sup>TH</sup> BOULEVARD AT ARCHER ROAD INTERSECTION MODIFICATIONS
- B. SW 43<sup>RD</sup> STREET AT SW 20<sup>TH</sup> AVENUE INTERSECTION MODIFICATIONS
- C. SMART BUS BAY ON SW 20<sup>TH</sup> AVENUE

Mr. Sanderson stated that Alachua County staff has submitted 30 percent design plans for the SW 40<sup>th</sup> Boulevard at Archer Road Intersection Modifications, SW 43<sup>rd</sup> Street at SW 20<sup>th</sup> Avenue Intersection Modifications, and Smart Bus Bay on SW 20<sup>th</sup> Avenue.

Mr. Terry Shaw, HNTB Associate Vice President, discussed the 30 percent design plans for the SW 40<sup>th</sup> Boulevard at Archer Road Intersection Modifications, the SW 43<sup>rd</sup> Street at SW 20<sup>th</sup> Avenue Intersection Modifications and the Smart Bus Bay on SW 20<sup>th</sup> Avenue and answered questions.

Mr. Sanderson discussed City staff comments and answered questions.

#### ACTION: Sharon Hawkey moved to recommend that the MTPO approve the:

- 1. SW 40<sup>th</sup> Boulevard at Archer Road Intersection Modifications Project 30 Percent Design Plans, provided that a written explanation is included that discusses why the MTPO Design Policy Manual shade tree provisions cannot be followed;
- 2. SW 43<sup>rd</sup> Street at SW 20<sup>th</sup> Avenue Intersection Modifications 30 Percent Design Plans, provided that a written explanation is included that discusses why the MTPO Design Policy Manual shade tree provisions cannot be followed; and
- 3. Smart Bus Bay on SW 20<sup>th</sup> Avenue 30 Percent Design Plans, that includes a written explanation that discusses why the MTPO Design Policy Manual shade tree provisions cannot be followed.

George Blake Fletcher seconded; motion passed unanimously.

# VII. AMERICAN RECOVERY & REINVESTMENT ACT (ARRA) ENHANCEMENT PROJECTS- SCOPING PLANS

A. NW  $34^{TH}$  STREET [NW  $39^{TH}$  AVENUE TO US 441] SIDEWALK

Mr. Sanderson stated that Florida Department of Transportation (FDOT) staff has provided some information regarding the NW 34<sup>th</sup> Street Sidewalk scoping plans. He discussed the scope of the NW 34<sup>th</sup> Street Sidewalk Project and answered questions. He noted that there would be a 6-foot Americans with Disabilities Act (ADA)-compliant sidewalk. He added that the project would be split into two phases, with Phase 1 from NW 39<sup>th</sup> Avenue to NW 53<sup>rd</sup> Avenue and Phase 2 from NW 53<sup>rd</sup> Avenue to US 441.

ACTION: Harvey Budd moved to recommend that the MTPO approve the scope for the NW 34<sup>th</sup> Street Sidewalk Project to replace the existing asphalt path with a 6-foot ADA-compliant sidewalk. Sharon Hawkey seconded; motion passed 12 to 1.

# B. SW 8<sup>TH</sup> AVENUE [TOWER ROAD TO SW 67<sup>TH</sup> TERRACE] SIDEWALK

Mr. Sanderson stated that FDOT staff has provided some information regarding the SW 8<sup>th</sup> Avenue Sidewalk Project. He discussed the SW 8<sup>th</sup> Avenue Sidewalk Project scope and answered questions.

Ms. Ha Nguyen, Alachua County Contract & Design Manager, discussed the scope of the SW 8<sup>th</sup> Avenue Sidewalk Project and answered questions. She noted that the design does not include a bus shelter. She said that the County would coordinate with RTS. She added that bus shelters would be addressed with the SW 8<sup>th</sup> Avenue Resurfacing and SW 61<sup>st</sup> Avenue Construction projects.

Mr. Doug Robinson, Regional Transit System (RTS) Chief Transit Planner, discussed transit service on SW 8<sup>th</sup> Avenue and Route 75 and answered questions

ACTION: Shaorn Hawkey moved to recommend that the MTPO approve the scope for the SW 8<sup>th</sup> Avenue Sidewalk Project to construct an MTPO Design Policy Manual-compliant sidewalk on the north side of SW 8<sup>th</sup> Avenue that, as needed, will meander around utility poles and drainage structures. Harvey Budd seconded; motion passed unanimously.

#### VIII. UNFUNDED PROJECT PRIORITIES

Mr. Sanderson stated that, each year, the MTPO develops recommended transportation priorities for projects that are needed but not currently funded. He said that this information is used by FDOT each fall to develop its Tentative Five Year Work Program. He added that, by Florida Statute, the MTPO's "List of Priority Projects" must be submitted to FDOT by October 1, 2006. He noted that FDOT staff has asked for the MTPO's Fiscal Years 2010/2011 - 2014/2015 List of Priority Projects as soon as possible so that it may begin development of its Tentative Five Year Work Program. He reported that the draft Fiscal Years 2010/2011 - 2014/2015 List of Priority Projects includes the recommendations from the Alachua County/Gainesville Regional Airport Authority Director, Alachua County Traffic Safety Team, Alachua County Transportation Disadvantaged Coordinating Board, Bicycle/Pedestrian Advisory Board, Regional Transit System staff, City of Gainesville and Alachua County Public Works Department staffs and MTPO staff. He discussed the draft Fiscal Years 2010/2011 - 2014/2015 List of Priority Projects and answered questions. He noted that since the mailout, there have been changes in the staff recommendations for Table 1 Enhancement Priorities, Table 8 Safety Priorities, Table 9 Strategic Intermodal System Priorities and Table 11 Traffic Operations Priorities.

Mr. Robinson discussed the Transit Priorities and answered questions.

ACTION: Rob Brinkman moved to recommend that the MTPO approve the draft Fiscal Years 2010/2011 - 2014/2015 List of Priority Projects, revised to include the revised Table 1 Enhancement Priorities (Exhibit 1), Table 8 Safety Priorities (Exhibit 2), Table 9 Strategic Intermodal System Priorities (Exhibit 3) and Table 11 Traffic Operations Priorities (Exhibit 1). James Samec seconded; motion passed unanimously.

#### X. INFORMATION ITEMS

A member of the CAC discussed his concerns regarding the expense of the fiber optic cable for the Traffic Management System. He noted that Gainesville Regional Utilities has available capacity on its existing fiber optic network.

ACTION: Harvey Budd moved to invite Mr. Matt Weisman, City of Gainesville ITS Operations Engineer, to discuss the Traffic Management System. Rob Brinkman seconded; motion passed unanimously.

# ADJOURNMENT

The meeting was adjourned at 8:20 p.m.		
Date	Jan Frentzen, Chair	

#### TABLE 1

# FISCAL YEARS 2010/2011 - 2014/2015 ENHANCEMENT PRIORITIES (within the Gainesville Metropolitan Area)

(Note: Projects in italic text are partially funded, as identified in the Transportation Improvement Program.)

NUMBER	PROJECT	LOCATION	DESCRIPTION
l Partially Funded	SW 8 <sup>th</sup> Avenue	FM: Parker Road TO: SW 91 <sup>st</sup> Street	Construct ADA-compliant concrete sidewalk
2	Hull Road Extension Trail North [part of the Archer Braid*]	AT: SW 34 <sup>th</sup> Street	Construct bicycle/pedestrian grade-separated crossing
3	Hull Road Extension Trail North [part of the Archer Braid*]	FM: SW 20 <sup>th</sup> Avenue TO: SW 34 <sup>th</sup> Street [SR 121]	Construct bicycle/pedestrian trail
4	SW 23 <sup>rd</sup> Road Trail [part of the Bivens Braid*]	FM: SW 23 <sup>rd</sup> Terrace TO: Archer Road [SR 24]	Construct bicycle/pedestrian trail
5	Downtown East Central Trail	FM: Depot Avenue TO: NE 39 <sup>th</sup> Avenue [SR 222]	Construct bicycle/pedestrian trail
6	SW 43 <sup>rd</sup> Street	FM: SW 40 <sup>th</sup> Boulevard TO: SW 20 <sup>th</sup> Avenue	Construct ADA-compliant sidewalk
7	NW 3 <sup>rd</sup> Street	FM: W University Avenue TO: NW 8 <sup>th</sup> Avenue	Construct ADA-compliant sidewalk
8	E University Avenue [SR 26]	FM: E 9 <sup>th</sup> Street TO: Waldo Road [SR 24]	Pedestrian refuge islands

<sup>\*2004</sup> Alachua Countywide Bicycle Master Plan Addendum

ADA- Americans with Disabilities Act

#### TABLE 8

#### FISCAL YEARS 2010/2011 - 2014/2015 SAFETY PRIORITIES

(within the Gainesville Metropolitan Area)

NUMBER	PROJECT	LOCATION	DESCRIPTION
l Partially Funded	SW 20 <sup>th</sup> Avenue	AT: SW 61 <sup>st</sup> Street	Install eastbound left turnlane on SW 20 <sup>th</sup> Avenue
2	SW 62 <sup>nd</sup> Boulevard	AT: NW 4 <sup>th</sup> Place / Oaks Mall entrance	Access management*
3	NW 13 <sup>th</sup> Street [US 441]	AT: NW 6 <sup>th</sup> Street [SR 20]	Realign intersection
4	Interstate 75 Interchange	AT: NW 39 <sup>th</sup> Avenue [SR 222]	Lengthen the northbound exit ramp to NW 39 <sup>th</sup> Avenue, plus related safety and intersection modifications at Interstate 75 Exit 390

<sup>\*</sup>At this intersection, the observed major crash pattern is angle collisions involving southbound through and eastbound left-turning vehicles. Eastbound vehicles exiting the mall fail to yield the right-of-way and collide with southbound vehicles. This type of crash accounted for 82% of all crashes at this intersection. Peak periods were observed between 1:00 pm to 2:00 pm and 5:00 pm to 6:00 pm. Therefore, explore the possibility of a raised median on NW 62<sup>nd</sup> Boulevard to restrict turning movements, particularly eastbound left. Traffic exiting the mall traveling towards north has several other exit options with signalized and non-signalized driveways along Newberry Road and a signalized driveway at NW 62<sup>nd</sup> Street & NW 1<sup>st</sup> Place.

#### TABLE 9

### FISCAL YEARS 2010/2011 - 2014/2015 STRATEGIC INTERMODAL SYSTEM PRIORITIES (within the Gainesville Metropolitan Area)

(Note: Projects in italic text are partially funded, as identified in the Transportation Improvement Program.)

NUMBER	PROJECT	LOCATION	DESCRIPTION
1 Partially Funded	New gateway entrance to the Gainesville Regional Airport from Waldo Road [SR 24]	FM: Waldo Road [SR 24] TO: Airport Terminal (north of 39 <sup>th</sup> Avenue [SR 222])	Ingress-egress to the airline terminal and modal connectivity to the north central Florida region
2	NE 39 <sup>th</sup> Avenue [SR 222] access to airport	FM: NE 39 <sup>th</sup> Avenue [SR 222] TO: Airport Terminal (Gainesville Regional Airport)	Reconfigure ingress-egress, improve curb-and-gutter system, add bike lanes and sidewalks, install stormwater drainage, install traffic guidance system of signs and signals
3	Extension of Airport Industrial Park Road	FM: airport service road TO: NE 49 <sup>th</sup> Road (east end of Airport Industrial Park)	Extend existing service road to provide access to Waldo Road  (Extend existing access road through east end of Airport Industrial Park, from Waldo Road [SR 24])
4	Interstate 75 Interchange	AT: NW 39 <sup>th</sup> Avenue [SR 222]	Lengthen the northbound exit ramp to NW 39 <sup>th</sup> Avenue, plus related safety and intersection modifications at Interstate 75 Exit 390

Note: The MTPO endorses the priorities #1, #2, and #3 listed above:

- 1. provided they do not compete with roadway capacity construction funding typically available from the Surface Transportation Program (STP); and
- 2. with the understanding that these funds do not come from existing funds that could be used for other projects within the Gainesville Metropolitan Area.

#### TABLE 11

## FISCAL YEARS 2010/2011 - 2014/2015 TRAFFIC OPERATIONS PRIORITIES-STATE HIGHWAY SYSTEM (SHS) ONLY (within the Gainesville Metropolitan Area)

(Note: Projects in italic text are partially funded, as identified in the Transportation Improvement Program.)

NUMBER	PROJECT	LOCATION	DESCRIPTION	
1	Newberry Road [SR 26]	FM: Ft Clarke Boulevard TO: NW 8 <sup>th</sup> Avenue	Corridor/area study to look at options to address traffic flow on Newberry Road, including intersection modifications	
2	NW 13 <sup>th</sup> Street [US 441]	AT: NW 6 <sup>th</sup> Street [SR 20]	Intersection realignment/construction/ signalization	
3	NW 13 <sup>th</sup> Street [US 441]	FM: 2100 block TO: 2200 block	Access management and pedestrian refuge islands	
4	NE 39 <sup>th</sup> Avenue [SR 222]	AT: NE 2 <sup>nd</sup> Street (See Appendix H)	Realign intersection and install horizontal mast arm traffic signals	
5	SW 34 <sup>th</sup> Street [SR 121]	AT: Radio Road AT: SW 20 <sup>th</sup> Avenue	Traffic signal reconstruction to mast arms	
6	Archer Road [SR 24]	AT: Newell Drive AT: SW 18 <sup>th</sup> Street/VA	Traffic signal reconstruction to mast arms	
7	University Avenue [SR 26]	AT: W 3 <sup>rd</sup> Street, W 2 <sup>nd</sup> Street, W 1 <sup>st</sup> Street, E 1 <sup>st</sup> Street & E 3 <sup>rd</sup> Street	Replace five existing galvanized mast arms with MTPO-approved mast arms	
8	Traffic Signal Upgrade- Non-SHS	At various intersections (see Appendix H)	Replace existing signal with horizontal mast arm signals	

#### **MINUTES**

# GAINESVILLE URBANIZED AREA TRANSPORTATION STUDY METROPOLITAN TRANSPORTATION PLANNING ORGANIZATION (MTPO) CITIZENS ADVISORY COMMITTEE (CAC)

Grace Knight Conference Room 7:00 p.m.

12 SE 1<sup>st</sup> Street Wednesday
Gainesville, Florida July 1, 2009

MEMBERS PRESENT MEMBERS ABSENT OTHERS PRESENT STAFF PRESENT

Jan Frentzen, ChairJonathan PaulMike EscalanteRob Brinkman, Vice ChairBlake Harvey

Rob Brinkman, Vice Chair Sheryl Conner Harvey Budd Nelle Bullock Mary Ann DeMatas George Blake Fletcher Sharon Hawkey Seth Lane Chandler Otis James Samec Greg Sholar Ruth Steiner

#### CALL TO ORDER

Ewen Thomson Gary Weed

Chair Jan Frentzen called the meeting to order at 7:00 p.m.

#### I. INTRODUCTIONS

Chair Frentzen introduced himself and asked others to introduce themselves.

#### II. APPROVAL OF THE MEETING AGENDA

Chair Frentzen asked for approval of the meeting agenda.

A member of the CAC asked to add discussion of the bus service from outlying communities into Gainesville.

ACTION: Nelle Bullock moved to approve the meeting agenda amended to add discussion of bus service from outlying communities into Gainesville after Agenda Item V. Traffic Management System Fiber Optics. James Samec seconded; motion passed unanimously.

1 -23-

#### III. UPCOMING MEETINGS

Mr. Michael Escalante, MTPO Senior Planner, announced that the next MTPO meeting is scheduled for August 10<sup>th</sup> at 3:00 p.m. in the Jack Durrance Auditorium. He said that the CAC's next meeting, if needed, is scheduled for July 29<sup>th</sup>.

### IV. UNFUNDED PROJECT PRIORITIES-OUTSIDE THE GAINESVILLE METROPOLITAN AREA

Mr. Escalante stated that Alachua County Growth Management Deapartment staff requested an opportunity to have the CAC review and make recommendations to the Alachua County Commission on unfunded project priorities outside the Gainesville Metropolitan Area. He said that this information is used by FDOT to develop its <u>Tentative Five Year Work Program</u>. He introduced Mr. Jonathan Paul, Alachua County Concurrency & Impact Fee Manager.

Mr. Paul discussed the draft <u>Alachua County Transportation Priorities for Florida Department of Transportation Work Program Fiscal Years 2010/2011 - 2014/2015</u> and answered questions. He noted the proposed changes to the Table 1 Multimodal-Transportation Enhancement Priorities.

ACTION: Chandler Otis moved to recommend that the Alachua County Commission approve Table 1 Multimodal- Transportation Enhancement Priorities revised for the Archer Road Rail/Trail Enhancement Application Project to:

- 1. delete construction of the trail on Archer Road from SW 91<sup>st</sup> Street to Interstate 75 (see the red dash line in the enclosed Exhibit 1); and
- 2. add construction of the trail along SW 91<sup>st</sup> Street, SW 46<sup>th</sup> Boulevard and Tower Road (see the blue solid line in the enclosed Exhibit 1).

Nellle Bullock seconded; motion passed unanimously.

Mr. Paul discussed Table 2 Multimodal- Transit Priorities and answered questions.

ACTION: Ruth Steiner moved to recommend that the Alachua County Commission approve Table 2 Multimodal- Transit Priorities. Rob Brinkman seconded; motion passed unanimously.

Mr. Paul discussed Table 3 Efficiency- Traffic Operations - Intersection Modification Priorities and answered questions.

ACTION: Sharon Hawkey moved to recommend that the Alachua County Commission approve Table 3 Efficiency- Traffic Operations - Intersection Modification Priorities, revised to delete Priority \*5 US 441 Corridor- City of Alachua Traffic Signal Synchronization if it is part of the Alachua Countywide Traffic Management System Project. Seth Lane seconded; motion passed unanimously.

Mr. Paul discussed Table 4 Maintenance- Resurfacing/Road Widening Priorities and answered questions.

ACTION: Ruth Steiner moved to recommend that the Alachua County Commission approve Table 4 Maintenance- Resurfacing/Road Widening Priorities. James Samec seconded; motion passed unanimously.

Mr. Paul discussed Table 5 Maintenance- Bridges Priorities and answered questions.

ACTION: Sharon Hawkey moved to recommend that the Alachua County Commission approve Table 5 Maintenance- Bridges Priorities. Sheryl Conner seconded; motion passed unanimously.

Mr. Paul discussed Table 6 Capacity- Capacity Modification Priorities and answered questions.

ACTION: Ruth Steiner moved to recommend that the Alachua County Commission approve Table 6 Capacity- Capacity Modification Priorities. Seth Lane seconded; motion passed unanimously.

Mr. Paul said that County staff would be coordinating with the municipalities outside the Gainesville Metropolitan Area to review project priority requests for next year's <u>Alachua County Transportation Priorities for Florida Department of Transportation Work Program Fiscal Years 2011/2012 - 2015/2016</u>. He noted that some projects have been on the priority tables for several years and that some project applications may need to be updated.

#### V. TRAFFIC MANAGEMENT SYSTEM FIBER OPTICS

Mr. Escalante reported on the Traffic Management System (TMS) fiber optics financing and answered questions.

Chair Frentzen requested information on the status of the Traffic Management System.

Mr. Escalante said that he would get a status report on the installation of the TMS.

* 7	DITO OFFICE PRODUCT	OTTOT TOTAL	COLUMN TATES TRANSPORTED	DITO OLDITORITI T
$V_{D}$ .	<b>BUS SERVICE FROM</b>	CHILL VINET		
V D.	DOD DEIL LICE I KOM	OULLING	COMMINIONALINO	

A member of the CAC discussed bus service from outlying communities into Gainesville.

Date	Jan Frentzen, Chair	
The meeting was adjourned at 8:21 p.m.		
ADJOURNMENT		



#### SCHEDULED 2009 MTPO AND COMMITTEE MEETING DATES AND TIMES

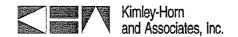
PLEASE NOTE: All of the dates and times shown in this table are subject to being changed during the year

MTPO MEETING MONTH	DESIGN TEAM [At 1:30 p.m.]	B/PAB [At 7:00 p.m.]	TAC [At 2:00 p.m.] CAC [At 7:00 p.m.]	MTPO MEETING
JANUARY		January 6	CANCELLED	CANCELLED
FEBRUARY	January 20	January 20	CANCELLED	February 17 at 6:00 p.m.
MARCH	CANCELLED	February 24	February 25	March 2 at 2:00 p.m.
APRIL	CANCELLED	March 31	CAC Orientation @ 6:30 pm April 1	April 20 at 6:00 p.m.
MAY	CANCELLED	April 28	TAC Only April 29	CANCELLED
JUNE	May 19	May 26	TAC @ NCFRPC May 27	June 8 at 6:00 p.m.
JULY	CANCELLED	June 30	CAC Only July 1	CANCELLED
AUGUST	July 21	July 28	TAC @ NCFRPC July 29	August 10 at 3:00 p.m.
SEPTEMBER	August 18	September 1	September 2	September 14 at 3:00 p.m.
OCTOBER	September 15	September 29	September 30	October 12 at 3:00 p.m.
NOVEMBER	October 20	October 27	October 28	November 9 at 3:00 p.m.
DECEMBER	November 17	December 1	December 2	December 14 at 6:00 p.m.

Note, unless otherwise scheduled:

- 1. Shaded boxes indicate the months that we may be able to cancel MTPO meetings if agenda items do not require a meeting. Corresponding Advisory Committee meeting may also be cancelled;
- 2. Design Team meetings are conducted at the NCFRPC Charles F. Justice conference room;
- 3. TAC meetings are conducted at the Gainesville Regional Utilities (GRU) Administration general purpose meeting room;
- 4. CAC meetings are conducted in the Grace Knight conference room of the County Administration Building; and
- 5. MTPO meetings are conducted at the Jack Durrance Auditorium of the County Administration Building unless noted.

June 11, 2009





July 8, 2009

Mr. Mike Escalante Metropolitan Transportation Planning Organization (MTPO) 2009 NW 67<sup>th</sup> Place, Suite A Gainesville, FL 32653

4431 Embarcadero Drive West Palm Beach, Florida 33407

SUBJECT: Archer Road (SR 24)/ SW 16<sup>th</sup> Avenue (SR 226) Project Development & Environment (PD&E) Study

City of Gainesville, Alachua County, Florida Financial Project ID Number: 423608-1-22-01

Dear Mr. Escalante:

Transmitted herewith, please find the proposed typical sections for SW 16<sup>th</sup> Avenue from Archer Road to SW 13<sup>th</sup> Street and Archer Road from SW 16<sup>th</sup> Avenue to SW 13<sup>th</sup> Street. The City has asked us to make a presentation to the MTPO Committees to obtain their endorsement for these proposed typical sections.

If you have any questions, please do not hesitate to contact Walter Grimsley at 561-494-0408 or email walter.grimsley@kimley-horn.com.

Sincerely,

KIMLEY-HORN AND ASSOCIATES, INC.

Paul Cherry, P.E., Project Manager

cc: Despina Veilleux (City of Gainesville)

Lisa Stewart (KHA)

Aricher Road (SR 24)/SW 16th Avenue (SR 226) PD&E Study

# Proposed Typical Sections

SW16WAVENUE From Avener Rostollo-SW16WSpiece

TATE TO PROTE TO STREET STREET

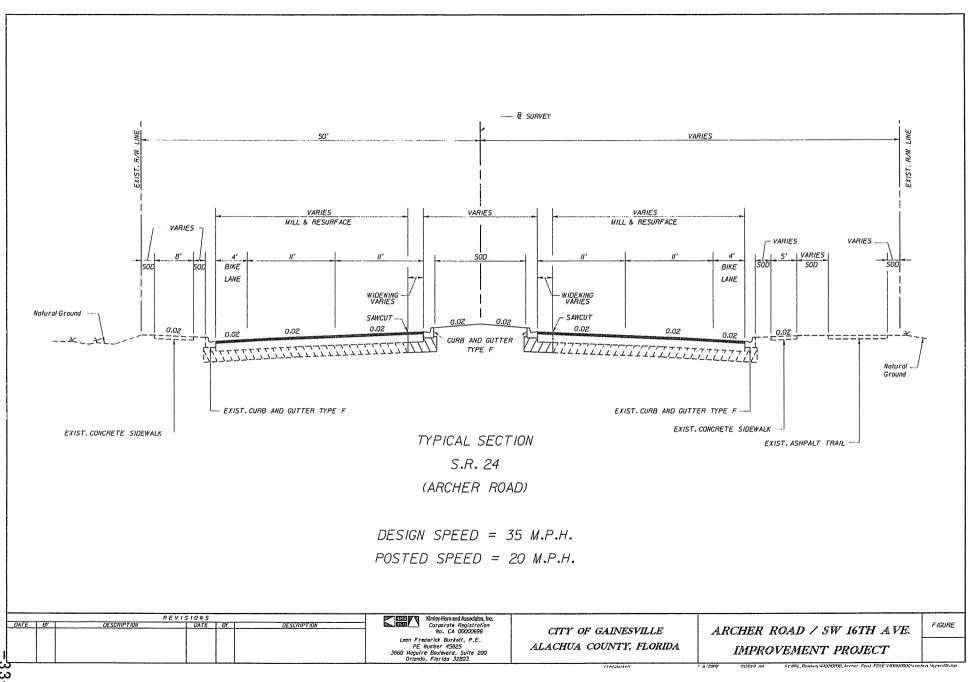


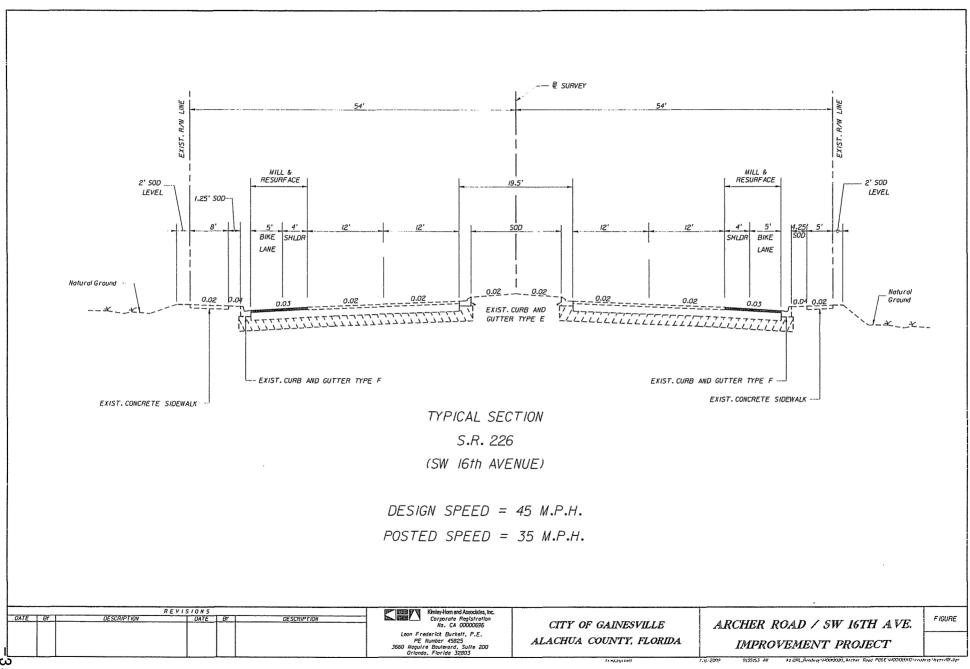


The Foundation for The Gator Nation



Kimley-Horn and Associates, Inc.:







#### **Marlie Sanderson**

From:

Marlie Sanderson

Sent:

Wednesday, July 08, 2009 8:38 AM

To:

'Robinson, Douglas K.'

Cc:

Scott Koons; Mike Escalante; Dekova Batey (bateydt@ci.gainesville.fl.us)

Subject:

RE: TDP Presentation for next BPAB, TAC & MTPO Agenda

#### Doug-

Yes, we will ask Dekova to place this on the BPAB July 28<sup>th</sup> meeting agenda. We will also include it on the TAC July 29<sup>th</sup> meeting agenda. The CAC also meets on July 29<sup>th</sup> and we want this item to also be on their agenda. Why did you say in your email below that you would miss the CAC?

Do you also want this on the MTPO's August 10<sup>th</sup> regular meeting agenda?

Please see that we receive the backup materials for this agenda item to include in Committee meeting packets by Monday July 20<sup>th</sup>.

#### Marlie

Marlie Sanderson, Assistant Executive Director North Central Florida Regional Planning Council 2009 NW 67th Place Gainesville, FL 32653-1603 (352) 955-2200, ext. 103

From: Robinson, Douglas K. [mailto:robinsondk@cityofgainesville.org]

Sent: Tuesday, July 07, 2009 6:24 PM

To: Marlie Sanderson

Cc: Gomez, Jesus M.; LaChant Barnett

Subject: TDP Presentation for next BPAB, TAC & MTPO Agenda

#### Good Evening Marlie,

Could you please include a presentation from Tindale-Oliver & Associates for the Gainesville RTS Transit Development Plan on the next round of committee agendas beginning July 28th with the BPAB. We realize we will miss the CAC, but expect they would receive all the materials presented to the other committees and we would welcome their comments. Please let us know what we will need to submit to make this happen.

1

#### Thanks,

Doug Robinson
Chief Transit Planner
Regional Transit System
352.334.2621
robinsondk@cityofgainesville.org

http://www.go-rts.com/brts/brtsindex.html

# North Central Florida Regional Planning Counc.

2009 N.W. 67 PLACE, SUITE A, GAINESVILLE, FLORIDA 32653-1603 (352) 955-2200 SUNCOM 625-2200 FAX (352) 955-2209 July 21, 2009

TO: Metropolitan Transportation Planning Organization (MTPO)

FROM: Marlie Sanderson, AICP, Director of Transportation Planning

SUBJECT: SW 20th Avenue-Scoping Plans

#### JOINT RECOMMENDATION

The Bicycle/Pedestrian Advisory Board and MTPO staff recommend that the MTPO approve the attached Alternative 3 Cross Section (see page 3-4) with one revision to include a substantial form of rumble strip separating the travel and bicycle lanes in the enclosed Florida Department of Transportation (FDOT) report entitled <u>Draft Multimodal Corridor Report</u>.

#### **BACKGROUND**

Enclosed is a report prepared by FDOT entitled <u>Draft Multimodal Corridor Report</u> <u>SW 20<sup>th</sup> Avenue from 43<sup>rd</sup> Street to 34<sup>th</sup> Street</u>. This report contains Alternatives 1 and 2 (on pages 3-2 and 3-3) that were reviewed by the MTPO Advisory Committees last year. The Committee recommendations after reviewing alternatives 1 and 2 are shown in Exhibit 1. Based upon the Committee recommendations, FDOT has developed and added Alternative 3 to this report.

#### **November MTPO Meeting**

In November, FDOT made a presentation to the MTPO concerning the SW 20<sup>th</sup> Avenue Corridor Planning Study. At this meeting, the MTPO made a motion to approve Alternative 3. Unfortunately, the MTPO did not have a quorum when it came time to vote. Since the November meeting, the MTPO has not had enough County Commissioners present at any MTPO meeting to be able to vote on this issue.

#### **April MTPO meeting**

In April, the MTPO requested that the Florida Department of Transportation have appropriate staff present at the June 8, 2009 meeting to answer MTPO questions about the enclosed recommended Alternative 3 typical section. In particular, the MTPO wanted answers to the following two questions:

- 1. Was consideration given to moving the sidewalk to the outside of the right-of-way in order to increase the separation between pedestrians and the flow of traffic and to allow for additional landscaping? Yes, Alternative Two on page 3-3 locates the sidewalk on the outside portion of the right-of-way.
- 2. If so, what are the reasons why the sidewalk was not located on the outside? As shown on page 3-3, Alternative Two may require the construction of a large concrete drainage ditch in some locations. Alternative Three was developed based upon input from the City Commission, Alachua County Commission, MTPO Advisory Committees, and stakeholders, such as the Regional Transit System. Alternative Three improves upon the design in Alternative One by having a five foot planted strip between the curb and the sidewalk and this design does not contain the large concrete drainage ditch.

#### June MTPO meeting

In May, the MTPO received copies of the <u>Draft Multimodal Corridor Report SW 20<sup>th</sup> Avenue</u> <u>from 43<sup>rd</sup> Street to 34<sup>th</sup> Street</u> to include in the MTPO June 8, 2009 meeting packet. At its June meeting, the MTPO did not have enough Alachua County Commissioners present to vote on this agenda item. Therefore, this agenda item has been deferred to the next MTPO meeting.

#### **August MTPO meeting**

In June and July, the MTPO Advisory Committees reviewed the Scoping Plans to consider the new Alternative 3.

#### **Funding**

Unfortunately, funds are not currently programmed for this project by either the Florida Department of Transportation, local government (Alachua County or City of Gainesville) or the private sector. However, this project has a high priority (priority number three) in the MTPO's adopted long range transportation plan.

	SW 20 <sup>th</sup> Avenue- Programmed Funds Timeline (NO FUNDS ARE PROGRAMMED)					
2008/2009	2009/2010	2010/2011	2011/2012	2012/2013		
	-	-	-	-		

#### EXHIBIT 1

#### MTPO ADVISORY COMMITTEE RECOMMENDATIONS

#### DESIGN TEAM RECOMMENDATIONS

Approve the SW 20th Avenue Scoping Plans with the Alternative 1 Cross-Section (see page 3-2 in the enclosed FDOT report entitled Draft Multimodal Corridor Report), considering the following elements in design as this project progresses:

- 1. amend the typical section to show 11-foot travel lanes, 1-foot separation, and 5-foot bikelanes (similar to Millhopper Road);
- 2. consider moving the sidewalk back to accommodate a planting strip where appropriate and applicable; and
- 3. consider reducing the "Smart Bus Bay" lanes to 11-foot.

#### BICYCLE/PEDESTRIAN ADVISORY BOARD COMMENDATIONS

Approve the SW 20<sup>th</sup> Avenue Scoping Plans with the Alternative 2 Cross-Section (see page 3-3 in the enclosed FDOT report entitled Draft Multimodal Corridor Report), considering the following elements in design as this project progresses:

- 1. amend the typical section to show 11-foot travel lanes, 1-foot separation, and 5-foot bikelane (similar to Millhopper Road); and
- 2. consider reducing the "Smart Bus Bay" lanes to 11-foot.

#### JOINT CITIZENS ADVISORY COMMITTEE AND TECHNICAL ADVISORY **COMMITTEE RECOMMENDATIONS**

Approve the SW 20th Avenue Scoping Plans with the Alternative 1 Cross-Section (see page 3-2 in the enclosed FDOT report entitled Draft Multimodal Corridor Report) with modifications to:

- 1. provide a wider sidewalk that can accommodate tree plantings;
- 2. consider accommodating stormwater in median swales; and
- 3. a typical section to show 11-foot travel lanes, 1-foot separation, and 5-foot bikelanes (similar to Millhopper Road);

Note- the CAC and TAC do not recommend Alternative 2 because of the concrete drainage "trenches" with the double fencing.



### Florida Department of Transportation

CHARLIE CRIST **GOVERNOR** 

1109 South Marion Avenue Lake City, Florida 32025-5874 STEPHANIE C. KOPELOUSOS SECRETARY

NORTH CENTRAL FLORIDA RECEIVED JUN 3 0 2009

REGIONAL PLANNING COUNCIL

June 29, 2009

Ms. Ha T. Ngyuen, P.E. Contract & Design Manager Alachua County Public Works P.O. Box 1188 Gainesville, FL 32602-1188

RE:

SW 20th Avenue Multi Modal Corridor Study FDOT Financial Project #211335-3-21-01 Final Report

Dear Ms. Ngyuen:

The Department is pleased to submit two (2) copies of the final SW 20th Avenue Multi Modal Corridor Study. This report was produced in coordination with Alachua County's Southwest 62<sup>nd</sup> Boulevard Connector alternatives study, the Metropolitan Transportation Planning Organization (MTPO) adopted Urban Village: Southwest 20th Avenue Transportation Design Proposal and the Urban Village Action Plan, the Year 2025 Livable Community Reinvestment Plan, the current RTS Rapid Transit Study, the MTPO Urban Design Policy Manual, and the AASHTO Policy on Geometric Design of Highways and Streets.

Close coordination with the MTPO advisory committees and RTS were maintained throughout the study. Based on input from Alachua County, City of Gainesville, the MTPO advisory committees, Alachua County Emergency Services, and RTS staff three (3) conceptual alternatives are provided in the study. While details of the three (3) conceptual alternatives are outlined in graphic and text, a final recommended or preferred alternative is not included at this time. Further discussion of this study by Alachua County and the MTPO and committees may be needed to arrive at a preferred alternative that Alachua County can implement.

It has been a pleasure working with you and Alachua County on this project. Please feel free to contact me should you have any questions, (386) 961-7873 or bill.henderson@dot.state.fl.us.

Sincerely.

William R. Henderson

District Two Planning and Environmental Manager

Stephen Browning, FDOT Project Manager cc:

Karen Taulbee, FDOT Transportation Specialist

Rick Hedrick, Alachua County Public Works Director

Dave Cerlanek, Assistant Alachua County Public Works Director

Marlie Sanderson, MTPO Director of Transportation Planning

www.dot.state.fl.us

## **Multimodal Corridor Report**

SW 20<sup>th</sup> Avenue from 43<sup>rd</sup> Street to 34<sup>th</sup> Street/SR-121

Alachua County, Florida FPID: 211335-3-21-01



Florida Department of Transportation
District Two
Environmental Management Office
1109 South Marion Avenue
Lake City, Florida 32025-5874

Prepared By: Stephen L. Browning, E.I.

June 25, 2009

**PROJECT:** SW 20<sup>th</sup> Avenue Multimodal Corridor Report

**FINANCIAL PROJECT ID:** 211335-3-21-01

LOCATION: Alachua County, Florida.

This report includes a summary of data collection efforts and preliminary design analyses for SW 20<sup>th</sup> Avenue from 43<sup>rd</sup> Street to 34<sup>th</sup> Street/SR-121.

#### Table of Contents:

1	INTRODUCTION					
	1.1	Background	1-1			
	1.2	Purpose	1 - 1			
	1.3	Study Area				
2	EXI	EXISTING CONDITIONS2-				
	2.1	Typical Section	2-1			
	2.2	Pedestrian, Bicycle, and Transit Facilities	2-1			
	2.3	Right of Way	2-1			
	2.4	Traffic	2-1			
	2.5	Lighting				
	2.6	Ongoing and/or Coinciding Studies	2-1			
3	CON	NCEPTUAL RECOMMENDATIONS	3-1			
	3.1	Alternative Development	3-1			
	3.2	Commissions' & Committees' Alternative Recommendations				
	3.3	Alternatives				
	3	3.3.1 Alternative One	3-5			
	3	3.3.2 Alternative Two	3-5			
	3	3.3.3 Alternative Three				
	3.4	Preferred Alternative	3-5			
	3.5	Transit Super Stons	3-6			

### List of Figures

Figure 1-1: Project Study Area	1-3
Figure 2-1: Existing Typical Section	2-2
Figure 3-1: Alternative One	3-2
Figure 3-2: Alternative Two	3-3
Figure 3-3: Alternative Three	3-4
Figure 3-4: Transit Super Stop Typical Section	3-7
Figure 3-5: Transit Super Stop Plan View	3-8
Figure 3-6: Transit Super Stop Locations	3-9
Appendix	
APPENDIX A: LRE Estimates	
APPENDIX B: MTPO Presentation, November 13, 2008	F

Chapter 1 Introduction

#### 1 INTRODUCTION

#### 1.1 Background

The project study area and the SW 20<sup>th</sup> Avenue Corridor has been through numerous studies over the last thirteen years. In 1997, the community held a design charrette known as the Student Village Charrette, to develop a future plan for this area. The charrette focused on creating a walkable, dense, urban fabric that would support bicycle, pedestrian, transit and automobile transportation modes.

In 1998, the Florida Department of Transportation (FDOT) completed a Preliminary Engineering Report that recommended constructing a four-lane roadway from SW 75<sup>th</sup> Street to 34<sup>th</sup> Street/SR-121, realigning the east end of the project to intersect 34<sup>th</sup> Street/SR-121 at Hull Road.

The recommendation of the Student Village Charrette, Option "M", was adopted by the Metropolitan Transportation Planning Organization (MTPO) in August 2005. Option "M" was furthered recommended along with the auto-merge concept by the University of Florida School of Architecture in their report entitled: "Urban Village: Southwest 20<sup>th</sup> Avenue Transportation Design Proposal". The Urban Village: Southwest 20<sup>th</sup> Avenue Transportation Design Proposal document was approved by the MTPO in May 2006 as the design recommendation for the Urban Village area.

In August 2006, an Urban Village Subcommittee and a Focus Group was created to ensure that the Urban Village Design Proposal was implemented. The subcommittee recommendation to the MTPO was to implement "Plan #5" as the recommended land use scenario and establish a Multi-modal Transportation District (MMTD) for the Urban Village area. Plan #5 along with specified land use densities and other comprehensive plan recommendations, were adopted by the MTPO on April 10, 2008.

#### 1.2 Purpose

The purpose of this study is to develop a recommended typical section for the MMTD based on the MTPO Urban Village Design Proposal. This report will incorporate turn lanes, missing sidewalks, a two-lane typical with a raised median, bus bays, median openings and transit 'super stops' as requested by Alachua County.

Incorporating these design elements in a typical section is also reiterated in the adopted 2025 Long Range Transportation Plan (LRTP), the "Year 2025 Liveable Community Reinvestment Plan" adopted November 3, 2005 for the Gainesville Metropolitan Area. The Cost Feasible Plan assigns Priority #3 to the Southwest 20<sup>th</sup> Avenue corridor to implement those elements of a typical section described above.

This study is being completed under the assumption that the Comprehensive Plan will be amended to designate the area a MMTD. Also, concurrency determinations for this area will be based on multimodal performance measures that consider all available modes of transportation including walking, biking, and transit and focus on providing an acceptable LOS to walking, biking, and transit. Redevelopment of this area will be accomplished by adopting an automobile Level Of Service (LOS) for SW 20<sup>th</sup> Avenue of LOS "F" which is the existing LOS.

6/25/2009

All of the recommendations will be based solely on input from Alachua County, City of Gainesville, MTPO, and various other stakeholders. FDOT will only document these recommendations and not provide a Department position on how the local corridor should be designed.

#### 1.3 Study Area

SW 20<sup>th</sup> Avenue is located in Alachua County and provides east-west access across Interstate 75. It is a local road maintained by Alachua County. The area surrounding SW 20<sup>th</sup> Avenue from I-75 to 34<sup>th</sup> Street/SR-121 was annexed into the City of Gainesville during the November 2008 election. The project limits for this study are from 43<sup>rd</sup> Street to 34<sup>th</sup> Street/SR-121. The project location is shown in Figure 1-1.

6/25/2009

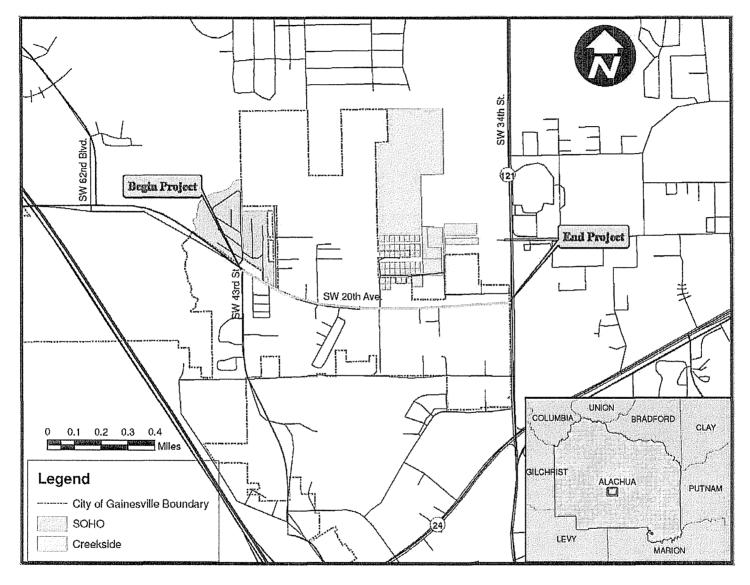


Figure 1-1: Project Study Area



**Existing Conditions** 

#### 2 EXISTING CONDITIONS

#### 2.1 Typical Section

SW 20<sup>th</sup> Avenue is an urban minor arterial. The existing typical section is a rural undivided two lane typical section with 12' travel lanes and 5' paved shoulders. Drainage is conveyed by ditch swales throughout the project. The existing typical section is shown in Figure 2-1.

#### 2.2 Pedestrian, Bicycle, and Transit Facilities

Throughout most of the project there are 5' sidewalks present. There are two sections on the north side of the roadway that do not have sidewalks. The first section between SW 42<sup>nd</sup> Street and 38<sup>th</sup> Terrace is roughly 1380' long. The second section between 38<sup>th</sup> Terrace and 34<sup>th</sup> Street/SR-121 is roughly 2590' long. A 5' paved shoulder provides bicycle facilities throughout the entire limits of the project.

SW 20<sup>th</sup> Avenue is currently served by two bus routes. Route number 20 has bus service from 6:00 a.m. to 6:30 p.m. with 6 buses arriving per hour. Route number 21 has service from 6:34 a.m. to 6:07 p.m. with 5 buses arriving per hour. Route 20 has the highest ridership in the Regional Transit System (RTS) system with peak hour trips exceeding the capacity of the buses.

#### 2.3 Right of Way

The right-of-way varies from 80' to 100'. Currently, there is 100' of right-of-way between 43<sup>rd</sup> Street and 38<sup>th</sup> Terrace and 80' between 38<sup>th</sup> Terrace and 34<sup>th</sup> Street/SR-121.

#### 2.4 Traffic

Based on the traffic counts from HNTB's ongoing study of the Southwest 62<sup>nd</sup> Boulevard Connector; SW 20<sup>th</sup> Avenue currently has an average annual daily traffic count of 22,012 vehicles between 43<sup>rd</sup> Street and 34<sup>th</sup> Street/SR-121. This volume of traffic corresponds to a level of service F.

#### 2.5 Lighting

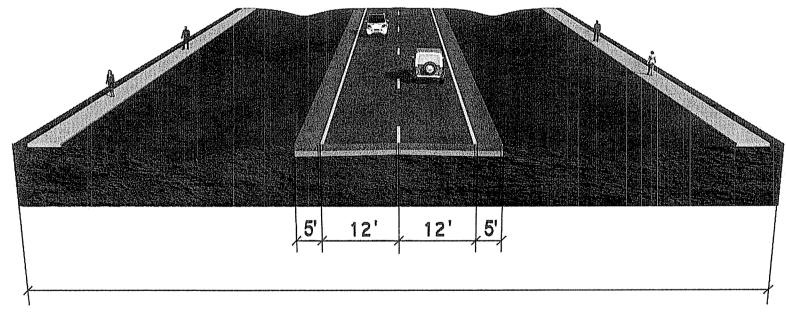
Lighting is currently installed throughout the project limits.

#### 2.6 Ongoing and/or Coinciding Studies

There are several on-going studies within the project area and are as follows:

- SW 62<sup>nd</sup> Boulevard Connector Study
- Urban Village Action Plan
- Urban Village Subcommittee and Focus Group
- Bus Rapid Transit Study
- SW 24<sup>th</sup> Ave and 38<sup>th</sup> Terrace Construction
- Annexation of the Urban Village into the City Limits

6/25/2009 2-1



100' ROW BETWEEN 43rd ST. & 38th TERR. 80' ROW BETWEEN 38th TERR. & 34th ST.

Figure 2-1: Existing Typical Section

Chapter 3

Conceptual Recommendations

#### 3 CONCEPTUAL RECOMMENDATIONS

#### 3.1 Alternative Development

Based on input from Alachua County, MTPO, City of Gainesville, the MTPO Committees, various stakeholders, and in coordination with RTS, it was determined that the preferred typical section would be a divided two lane urban typical. The roadway will have sidewalks and bike lanes throughout the entire project limits. Based on input from Alachua County Emergency services a minimum of 17' between the travel lane and bike lane is required to allow emergency vehicles to pass other vehicles. Three alternative typical sections were developed during the study and are shown in Figure 3-1 thru Figure 3-3.

Based on a field review of the project area and to be conservative, incorporating offsite drainage was assumed for all alternatives and is considered a significant issue for this project. The road was built in a low area and currently most of the water draining from the adjoining properties is being conveyed by the roadside swales that outfall into Hogtown Creek west of the project limits. With the differences in elevation between the lower adjoining properties and the higher roadway a separate drainage system was assumed to collect the offsite water. This situation becomes more significant as you move from east to west through the project limits.

Each alternative was shown with two conditions. The left side represented the worst case scenario while the right side represented the best case scenario. These drainage ideas are very conceptual and will be further refined with detailed survey of the area during the design phase of the project. The goal was to provide ample room to accommodate drainage and minimize the right-of-way impacts. In doing so this may allow additional room for green space throughout some of the project or for the alternative footprints to be narrowed.

#### 3.2 Commissions' & Committees' Alternative Recommendations

Alternative One was presented to the Alachua County Commission and the Design Team on October 21<sup>st</sup>, 2008 and was modified to show 8' sidewalks and 11' travel lanes with a 1' striped separator but was originally presented with 6' sidewalks and 12' travel lanes. The County Commission requested modifications to the typical to include 8' sidewalks and an additional alternative with sidewalks located next to the right-of-way. The Design Team recommended the typical show 11' travel lanes with a 1' foot striped separator between the travel lane and bike lane similar to Milhopper Rd. They also asked to move the sidewalk back to accommodate a planting strip and to reduce the bus bay width to 11'. Based on the comments from the County Commission Alternative Two was developed with the sidewalks located at the right-of-way.

Alternatives One and Two were presented to the Bike/Pedestrian Board on October 28<sup>th</sup>, 2008 and to the Technical Advisory Committee as well as the Citizens Advisory Committee on October 29<sup>th</sup>, 2008. The Bike/Pedestrian Board approved Alternative Two with a recommendation to include a 1' striped separator between the travel and bike lane and to reduce the bus bay width to 11'. The Technical Advisory Committee approved Alternative One with modifications to provide additional width to allow tree planting (green space or tree wells) between the back of curb and the sidewalk. Based on this concept Alternative Three was developed. The Citizens Advisory Committee approved the Technical Advisory Committee's recommendation. The Technical Advisory Committee also requested that the median drainage be considered with a wider median. Due to the differences in topography of the adjoining parcels and the roadway accompanied with the left turn lanes this concept was not considered feasible.

6/25/2009 3-1

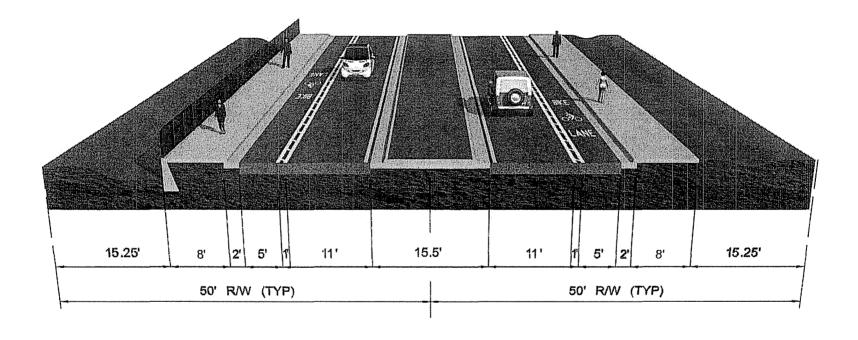


Figure 3-1: Alternative One

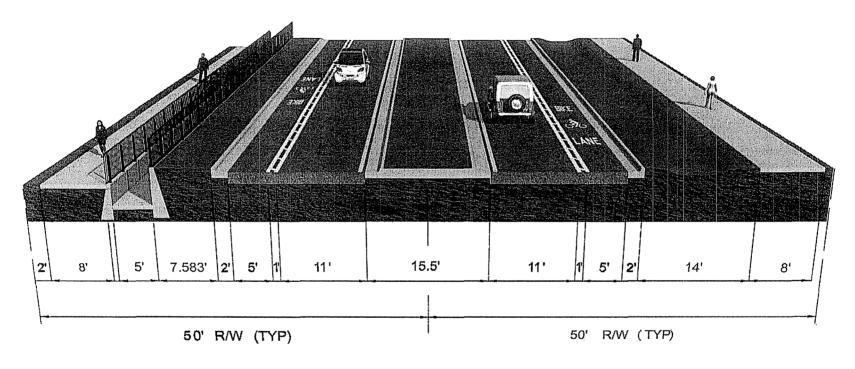


Figure 3-2: Alternative Two

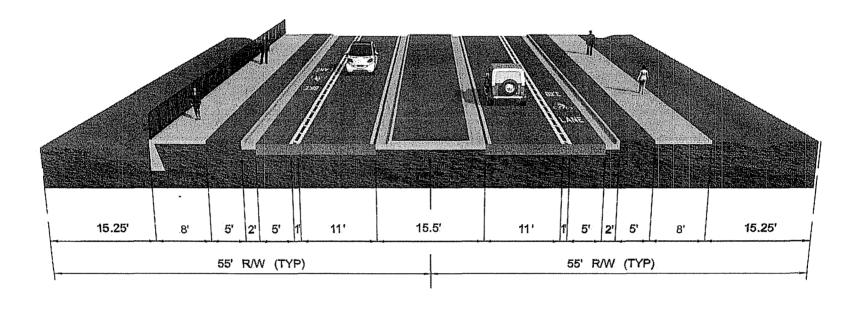


Figure 3-3: Alternative Three

#### 3.3 Alternatives

Three alternatives were ultimately developed based on further input from the City Commission, County Commission, MTPO committees, and stakeholders. All of the typical sections include an 11' travel lane with a 1' striped separator between the 5' bike lane and travel lane. The travel lanes will be divided with a 15.5' raised median with type "E" mountable curb. A multiuse path of 8' will accommodate pedestrians and bicyclist. The three alternatives are described further below. All of the alternatives assume a hypothetical three acre pond site to be located during design or the project development phase.

#### 3.3.1 Alternative One

Alternative One is anticipated to require 100' of continuous right-of-way throughout the project limits. It is estimated that 17 parcels will be impacted due to this alternative. The estimated right-of-way costs for this alternative is \$4,433,000. The total project cost for this alternative was \$31,715,000.

#### 3.3.2 Alternative Two

Alternative Two is anticipated to require 100' of continuous right-of-way throughout the project limits. It is estimated that 17 parcels will be impacted due to this alternative. The estimated right-of-way costs for this alternative is \$4,433,000. The total project cost for this alternative was \$36,095,000.

#### 3.3.3 Alternative Three

Alternative Three is anticipated to require 110' of continuous right-of-way throughout the project limits. It is estimated that 17 parcels will be impacted due to this alternative. The estimated right-of-way costs for this alternative is \$5,990,000. The total project cost for this alternative was \$34,057,000.

#### 3.4 Preferred Alternative

Alternative One, Two, and Three were presented to the MTPO on November 13th, 2008. The presentation is included in the report in Appendix B. The initial recommendation was for Alternative Three and because a quorum was not present at the meeting their recommendation was moved to the consent agenda for the December 11th, 2008 meeting. The MTPO also requested that, during the design phase, an emphasis should be placed on ensuring that the roadway has adequate lighting. At the December 11<sup>th</sup> meeting the MTPO did not have a quorum so the item was pulled from the consent agenda and deferred until the January meeting and placed on the regular agenda. The January and February meetings were cancelled. The study was then placed on the March 2, 2009 regular agenda and the MTPO did not have a quorum present so the study was placed on the April 20, 2009 regular agenda. At the April meeting Commissioner Byerly requested action be deferred on the study until the next meeting, at which, FDOT would have staff present to discuss the specifics of the sidewalk locations on the proposed typical. The May 11, 2009 meeting was cancelled so the study was moved to the June 8, 2009 meeting for discussion with FDOT staff. The MTPO did not have a quorum at the June meeting therefore no action was taken for the study. At this time FDOT chose to complete the study with no preferred alternative chosen.

6/25/2009 3-5

-65-

#### 3.5 Transit Super Stops

All alternatives have two transit super stops that will allow the buses to enter and exit the traffic stream with little disruption to traffic. This will be accomplished by signalizing the bus bays. The signals will offer midblock crosswalks at these two locations. The super stops will require the roadway to transition from a divided to undivided section. This will require less right-of-way and also provide less distance for pedestrians to cross the street. The super stops may require a gravity wall which will depend on the difference in elevation of the roadway and the adjacent parcel. The super stop typical section is shown in Figure 3-4. The plan view of the typical section is shown in Figure 3-5. The proposed locations of the super stops are shown in Figure 3-6. The super stops will be in addition to other bus stops, the locations of which were not analyzed during this project.

6/25/2009

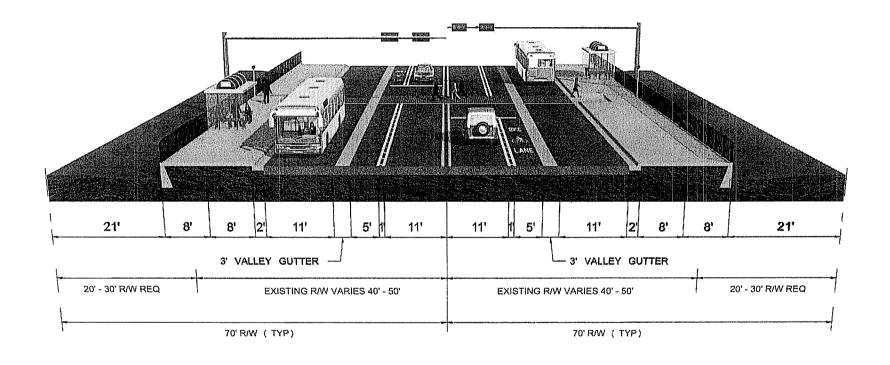


Figure 3-4: Transit Super Stop Typical Section

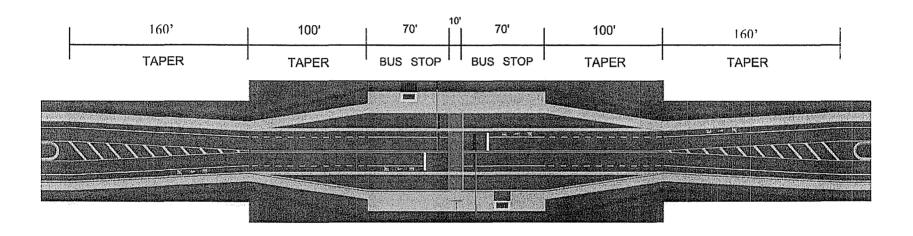


Figure 3-5: Transit Super Stop Plan View

MULTIMODAL CORRIDOR REPORT CONCEPTUAL RECOMMENDATIONS

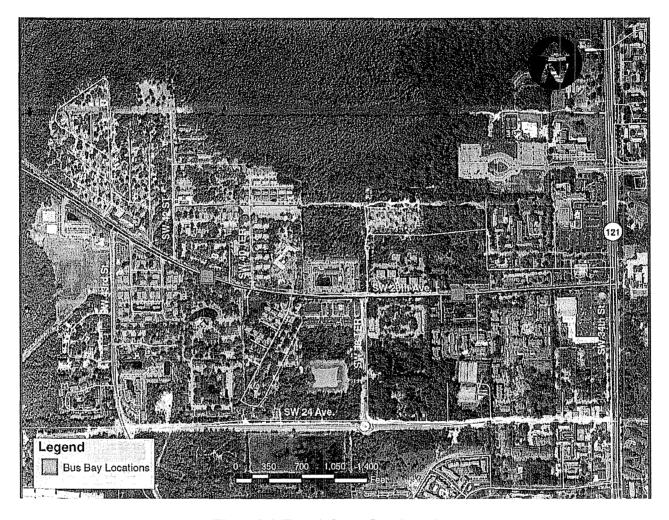


Figure 3-6: Transit Super Stop Locations

APPENDIX A: LRE Estimates

A

Date: 6/10/2009 4:36:44 PM

### FDOT Long Range Estimating System - Production R4: Project Details Composite Report By Version

**Project:** 211335-3-21-01 **Letting Date:** 01/2099

**Description:** SW 20TH AVE FROM SW 43RD ST TO SW 34TH STREET

District: 02 County: 26 ALACHUA

Project Manager: BH/JK/SB

Version 4 Project Grand Total \$22,735,046.71

**Description:** Alternative 1, 11-5-08

Pay Items				
Pay Item	Description	Total Unit Quantity	Weighted Avg. Unit Price	Total Amount
102-1	MAINTENANCE OF TRAFFIC	10.00		\$1,493,226.23
101-1	MOBILIZATION	10.00		\$1,642,548.85
104-4	MOWING	1.44 AC	\$356.37	\$513.17
104-11	FLOATING TURBIDITY BARRIER	189.50 LF	\$10.44	\$1,978.38
104-12	STAKED TURBIDITY BARRIER	189.50 LF	\$2.95	\$559.02
104-13-1	STAKED SILT FENCE, TYPE III	10,604.48 LF	\$0.76	\$8,059.40
104-15	SOIL TRACKING PREVENTION DEVICE	1.00 EA	\$2,779.90	\$2,779.90
104-16	ROCK BAG	801.00 EA	\$4.37	\$3,500.37
110-1-1	CLEARING & GRUBBING	20.12 AC	\$14,950.38	\$300,801.65
120-1	REGULAR EXCAVATION	53,904.15 CY	\$6.76	\$364,392.05
120-6	EMBANKMENT	184,436.70 CY	\$15.57	\$2,871,679.42
160-4	TYPE B STABILIZATION	40,352.45 SY	\$2.48	\$100,074.08
180-70	STABILIZED SUBBASE	13,514.00 SY	\$9.48	\$128,112.72
285-709	OPTIONAL BASE,BASE GROUP 09	48,588.83 SY	\$9.74	\$473,255.20
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	1,444.00 SY	\$2.24	\$3,234.56
327-70-23	MILLING EXIST ASPH PAVT, 6" AVG DEPTH	3,466.00 SY	\$6.86	\$23,776.76
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	5,787.34 TN	\$87.50	\$506,392.25
334-1-14	SUPERPAVE ASPHALTIC CONC, TRAFFIC D	4,547.90 TN	\$96.75	\$440,009.32
337-7-33	ASPH CONC FC,TRAFFIC C,FC- 12.5,RUBBER	2,806.00 TN	\$100.15	\$281,020.90
400-1-11	CONC CLASS I, RETAINING WALLS	4,531.73 CY	\$712.89	\$3,230,625.00
400-2-2	CONC CLASS II, ENDWALLS	49.64 CY	\$1,633.90	\$81,106.80
400-4-1	CONC CLASS IV, CULVERTS	457.65 CY	\$841.55	\$385,135.36
415-1-1	REINF STEEL- ROADWAY	58,252.50 LB	\$0.99	\$57,669.98
415-1-3	REINF STEEL- RETAINING WALL	76,448.44 LB	\$1.07	\$81,799.83
425-1-351	INLETS, CURB, TYPE P-5, <10'	28.00 EA	\$3,373.83	\$94,467.24
425-1-451	INLETS, CURB, TYPE J-5, <10'	8.00 EA	\$4,562.17	\$36,497.36
425-1-521	INLETS, DT BOT, TYPE C, <10'	4.00 EA	\$2,702.77	\$10,811.08
425-1-541	INLETS, DT BOT, TYPE D, <10'	2.00 EA	\$2,737.00	\$5,474.00
425-2-41	MANHOLES, P-7, <10'	4.00 EA	\$3,060.00	\$12,240.00
	• •			

425-2-71	MANHOLES, J-7, <10'	2.00 EA	\$4,989.13	\$9,978.26	
	PIPE CULV OPT MATL, ROUND, 0-24",	2,008.00 LF	\$81.98	\$164,615.84	
	SS		,		
430-171-103	PIPE CULV OPT MATL, ROUND, 37-48", SS	3,904.00 LF	\$137.61	\$537,229.44	
430-171-104	PIPE CULV OPT MATL, ROUND, 49-60", SS	400.00 LF	\$184.94	\$73,976.00	
430-172-102	PIPE CULV OPT MATL, ROUND, 25-36", CD	184.00 LF	\$155.00	\$28,520.00	
515-2-302	PED/BICYCLE RAILING, ALUM,54"PICKET RAIL	10,538.90 LF	\$61.80	\$651,304.02	
520-1-7	CONCRETE CURB & GUTTER, TYPE E	15,113.82 LF	\$26.32	\$397,795.74	
520-1-10	CONCRETE CURB & GUTTER, TYPE F	7,327.24 LF	\$23,36	\$171,164.33	
520-3	VALLEY GUTTER- CONCRETE	2,600.00 LF	\$25.38	\$65,988.00	
520-5-11	TRAF SEP CONC-TYPE I, 4' WIDE	5,670.00 LF	\$36.50	\$206,955.00	
522-1	SIDEWALK CONC, 4" THICK	12,341.51 SY	\$60.00	\$740,490.60	
522-2	SIDEWALK CONC, 6" THICK	434.72 SY	\$64.22	\$27,917.72	
550-10-220	FENCING, TYPE B, 5.1-6.0, STANDARD	2,020.00 LF	\$11.51	\$23,250.20	
550-60-234	FENCE GATE, TYP B, SLIDE/CANT, 18.1- 20'OPEN	2.00 EA	\$3,383.17	\$6,766.34	
570-1-1	PERFORMANCE TURF	1,847.22 SY	\$0.54	\$997.50	
570-1-2	PERFORMANCE TURF, SOD	31,647.07 SY	\$2.78	\$87,978.85	
630-1-12	CONDUIT-SIGNALS, F& I, UNDERGROUND	8,500.00 LF	\$6.28	\$53,380.00	
630-1-14	CONDUIT-SIGNALS,F& I, UG JACKED	2,500.00 LF	\$19.18	\$47,950.00	
632-7-1	CABLE, SIGNAL, FURNISH & INSTALL	11.00 PI	\$1,787.50	\$19,662.50	
635-1-11	PULL & JUNCTION BOXES, F&I, PULL BOX	156.00 EA	\$314.45	\$49,054.20	
639-1-22	SIGNAL,ELECT POWER SERV,UG,PUR CONT	11.00 AS	\$1,265.00	\$13,915.00	
639-2-1	SIGNAL, ELECTRICAL SERVICE WIRE	660.00 LF	\$1.40	\$924.00	
649-415-003	M/ARM,F&I/HL,1ST-B5,2ND-0,POLE-Q3	24.00 EA	\$29,046.19	\$697,108.56	
649-423-102	2 M/ARM, F&I/HL, 1ST B3, 2ND B1, POLE Q2	20.00 EA	\$24,813.25	\$496,265.00	
650-51-311	TRAFFIC SIGNAL, F&I, 3 SECT, 1 WAY, STD	122.00 AS	\$896.98	\$109,431.56	
653-111	PEDESTRIAN SIGNAL, 12 IN, INCANDES,1 WAY	88.00 AS	\$400,00	\$35,200.00	
659-101	SGNL HEAD AUXIL, F&I, BACK PLT 3 SECT	78.00 EA	\$92.01	\$7,176.78	
659-109	SGNL HEAD AUXIL, F&I, CONC PED TYP II	11.00 EA	\$910.03	\$10,010.33	
660-1-102	LOOP DETECTOR INDUCTIVE, F&I, TYPE 2	134.00 EA	\$177.61	\$23,799.74	
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	134.00 AS	\$762.78	\$102,212.52	
665-11	PED DET, F&I, DET STA POLE OR CAB	88.00 EA	\$163.70	\$14,405.60	
670-5-111	TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT	11.00 AS	\$19,648.11	\$216,129.21	
700-20-11	SINGLE POST SIGN, F&I, LESS THAN 12 SF	19.00 AS	\$333.70	\$6,340.30	
700-20-12	SINGLE POST SIGN, F&I, 12-20 SF	2.00 AS	\$514.52	\$1,029.04	
700-21-11	MULTI- POST SIGN, F&I, 50 OR <	2.00 AS	\$2,463.49	\$4,926.98	
700-21-11	MULTI- POST SIGN, F&I, 51-100	2.00 AS	\$5,436.06	\$10,872.12	
700-21-12	SIGN PANELS, F & I, 16 - 100	44.00 EA	\$1,426.82	\$62,780.08	
706-3	RETRO-REFLECTIVE PAVEMENT	102.00 EA	\$3.59	\$366.18	
, 00-0	TAMELIA CONTRACTOR OF THE PROPERTY OF THE PROP	102.00 LA	ψυ.υσ	φοσο. το	

	MARKERS			
710-11-111	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	6.06 NM	\$814.06	\$4,933.20
710-11-133	PAINTED PVMT MARK, STD, WHITE, SKIP, 12"	3.34 GM	\$1,750.00	\$5,845.00
710-11-223	PAINTED PAVT MARK,STD,YELLOW,SOLID, 12"	5,700.00 LF	\$1.31	\$7,467.00
715-1-13	LIGHTING CONDUCTORS, F&I, INSUL, NO.4-2	19,245.43 LF	\$2.23	\$42,917.31
715-2-11	LIGHTING-CONDUIT, F&I, UNDERGROUND	5,269.44 LF	\$5.73	\$30,193.89
715-2-12	LIGHTING-CONDUIT, F&I, UNDER EXIST PVMT	1,045.90 LF	\$19.07	\$19,945.31
715-14-11	LIGHTING - PULL BOX,F&I,ROADSIDE- MOULDED	37.00 EA	\$417.98	\$15,465.26
715-500-1	POLE CABLE DIST SYS, CONVENTIONAL	37.00 EA	\$544.04	\$20,129.48
	LIGHT POLE COMP,F&I,SGL ARM SM, AL,40'	37.00 EA	\$2,744.12	\$101,532.44
999-25	INITIAL CONTINGENCY AMOUNT (DO NOT BID)	1.00 LS	\$150,000.00	\$150,000.00
Project Unkno Design/Build	owns	25.00 % 0.00 %		\$4,517,009.34 \$0.00
Version 4 Pro	oject Grand Total		\$	22,735,046.71

Date: 6/10/2009 4:34:59 PM

### FDOT Long Range Estimating System - Production R4: Project Details Composite Report By Version

**Project:** 211335-3-21-01 **Letting Date:** 01/2099

**Description:** SW 20TH AVE FROM SW 43RD ST TO SW 34TH STREET

District: 02 County: 26 ALACHUA

Project Manager: BH/JK/SB

Version 5 Project Grand Total \$26,385,326.39

**Description:** Alternative 2, 11-5-08

Pay Items Pay Item	Description	Total Unit	Weighted Avg.	Total
i dy itolii	Description	Quantity	Unit Price	Amount
102-1	MAINTENANCE OF TRAFFIC	10.00		\$1,734,567.03
101-1	MOBILIZATION	10.00		\$1,908,023.74
104-4	MOWING	1.44 AC	\$356.37	\$513.17
104-11	FLOATING TURBIDITY BARRIER	189.50 LF	\$10.44	\$1,978.38
104-12	STAKED TURBIDITY BARRIER	189.50 LF	\$2.95	\$559.02
104-13-1	STAKED SILT FENCE, TYPE III	10,604.48 LF	\$0.76	\$8,059.40
104-15	SOIL TRACKING PREVENTION DEVICE	1.00 EA	\$2,779.90	\$2,779.90
104-16	ROCK BAG	801.00 EA	\$4.37	\$3,500.37
110-1-1	CLEARING & GRUBBING	20.12 AC	\$14,950.38	\$300,801.65
120-1	REGULAR EXCAVATION	53,904.15 CY	\$6.76	\$364,392.05
120-6	EMBANKMENT	184,436.70 CY	\$15.57	\$2,871,679.42
160-4	TYPE B STABILIZATION	40,352.45 SY	\$2.48	\$100,074.08
180-70	STABILIZED SUBBASE	13,514.00 SY	\$9.48	\$128,112.72
285-709	OPTIONAL BASE,BASE GROUP 09	48,588.83 SY	\$9.74	\$473,255.20
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	1,444.00 SY	\$2.24	\$3,234.56
327-70-23	MILLING EXIST ASPH PAVT, 6" AVG DEPTH	3,466.00 SY	\$6.86	\$23,776.76
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	5,787.34 TN	\$87.50	\$506,392.25
334-1-14	SUPERPAVE ASPHALTIC CONC, TRAFFIC D	4,547.90 TN	\$96.75	\$440,009.32
337-7-33	ASPH CONC FC,TRAFFIC C,FC- 12.5,RUBBER	2,806.00 TN	\$100.15	\$281,020.90
400-1-11	CONC CLASS I, RETAINING WALLS	7,973.93 CY	\$712.89	\$5,684,534.96
400-2-2	CONC CLASS II, ENDWALLS	49.64 CY	\$1,633.90	\$81,106.80
400-4-1	CONC CLASS IV, CULVERTS	457.65 CY	\$841.55	\$385,135.36
415-1-1	REINF STEEL- ROADWAY	58,252.50 LB	\$0.99	\$57,669.98
415-1-3	REINF STEEL- RETAINING WALL	148,346.88 LB	\$1.07	\$158,731.16
425-1-351	INLETS, CURB, TYPE P-5, <10'	28.00 EA	\$3,373.83	\$94,467.24
425-1-451	INLETS, CURB, TYPE J-5, <10'	8.00 EA	\$4,562.17	\$36,497.36
425-1-521	INLETS, DT BOT, TYPE C, <10'	4.00 EA	\$2,702.77	\$10,811.08
425-1-541	INLETS, DT BOT, TYPE D, <10'	2.00 EA	\$2,737.00	\$5,474.00
425-2-41	MANHOLES, P-7, <10'	4.00 EA	\$3,060.00	\$12,240.00

425-2-71	MANHOLES, J-7, <10'	2,00 EA	\$4,989.13	\$9,978.26
	PIPE CULV OPT MATL, ROUND, 0-24", SS	2,008.00 LF	\$81.98	\$164,615.84
430-171-103	PIPE CULV OPT MATL, ROUND, 37-48", SS	3,904.00 LF	\$137.61	\$537,229.44
430-171-104	PIPE CULV OPT MATL, ROUND, 49-60", SS	400.00 LF	\$184.94	\$73,976.00
430-172-102	PIPE CULV OPT MATL, ROUND, 25-36", CD	184.00 LF	\$155.00	\$28,520.00
515-2-302	PED/BICYCLE RAILING, ALUM,54"PICKET RAIL	10,538.88 LF	\$61.80	\$651,302.78
520-1-7	CONCRETE CURB & GUTTER, TYPE E	15,113.82 LF	\$26.32	\$397,795.74
520-1-10	CONCRETE CURB & GUTTER, TYPE F	7,327.24 LF	\$23.36	\$171,164.33
520-3	VALLEY GUTTER- CONCRETE	2,600.00 LF	\$25.38	\$65,988.00
520-5-11	TRAF SEP CONC-TYPE I, 4' WIDE	5,670.00 LF	\$36.50	\$206,955.00
522-1	SIDEWALK CONC, 4" THICK	10,384.31 SY	\$60.00	\$623,058.60
522-2	SIDEWALK CONC, 6" THICK	434.72 SY	\$64.22	\$27,917.72
550-10-220	FENCING, TYPE B, 5.1-6.0, STANDARD	2,020.00 LF	\$11.51	\$23,250.20
550-60-234	FENCE GATE, TYP B, SLIDE/CANT, 18.1-20'OPEN	2.00 EA	\$3,383.17	\$6,766.34
570-1-1	PERFORMANCE TURF	1,847.22 SY	\$0.54	\$997.50
570-1-2	PERFORMANCE TURF, SOD	31,647.07 SY	\$2.78	\$87,978.85
630-1-12	CONDUIT-SIGNALS, F& I, UNDERGROUND	8,500.00 LF	\$6.28	\$53,380.00
630-1-14	CONDUIT-SIGNALS,F& I, UG JACKED	2,500.00 LF	\$19.18	\$47,950.00
632-7-1	CABLE, SIGNAL, FURNISH & INSTALL	11.00 PI	\$1,787.50	\$19,662.50
635-1-11	PULL & JUNCTION BOXES, F&I, PULL BOX	156.00 EA	\$314.45	\$49,054.20
639-1-22	SIGNAL,ELECT POWER SERV,UG,PUR CONT	11.00 AS	\$1,265.00	\$13,915.00
639-2-1	SIGNAL, ELECTRICAL SERVICE WIRE	660.00 LF	\$1.40	\$924.00
649-415-003	M/ARM,F&I/HL,1ST-B5,2ND-0,POLE-Q3	24.00 EA	\$29,046.19	\$697,108.56
649-423-102	M/ARM, F&I/HL, 1ST B3, 2ND B1, POLE Q2	20.00 EA	\$24,813.25	\$496,265.00
650-51-311	TRAFFIC SIGNAL, F&I, 3 SECT, 1 WAY, STD	122.00 AS	\$896.98	\$109,431.56
653-111	PEDESTRIAN SIGNAL, 12 IN, INCANDES,1 WAY	88.00 AS	\$400.00	\$35,200.00
659-101	SGNL HEAD AUXIL, F&I, BACK PLT 3 SECT	78.00 EA	\$92.01	\$7,176.78
659-109	SGNL HEAD AUXIL, F&I, CONC PED TYP II	11.00 EA	\$910.03	\$10,010.33
660-1-102	LOOP DETECTOR INDUCTIVE, F&I, TYPE 2	134.00 EA	\$177.61	\$23,799.74
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	134.00 AS	\$762.78	\$102,212.52
665-11	PED DET, F&I, DET STA POLE OR CAB MTD	88.00 EA	\$163.70	\$14,405.60
670-5-111	TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT	11.00 AS	\$19,648.11	\$216,129.21
700-20-11	SINGLE POST SIGN, F&I, LESS THAN 12 SF	19.00 AS	\$333.70	\$6,340.30
700-20-12	SINGLE POST SIGN, F&I, 12-20 SF	2.00 AS	\$514.52	\$1,029.04
700-21-11	MULTI- POST SIGN, F&I, 50 OR <	2.00 AS	\$2,463.49	\$4,926.98
700-21-12	MULTI- POST SIGN, F&I, 51-100	2.00 AS	\$5,436.06	\$10,872.12
700-48-19	SIGN PANELS, F & I, 16 - 100	44.00 EA	\$1,426.82	\$62,780.08
706-3	RETRO-REFLECTIVE PAVEMENT	102.00 EA	\$3.59	\$366.18

٧	ersion 5 Pro	oject Grand Total		\$:	26,385,326.39
	Design/Build		0.00%		\$0.00
F	roject Unkno	owns	25.00 %		\$5,247,065.28
ç	999-25	INITIAL CONTINGENCY AMOUNT (DO NOT BID)	1.00 LS	\$150,000.00	\$150,000.00
		LIGHT POLE COMP,F&I,SGL ARM SM, AL,40'	37.00 EA	\$2,744.12	\$101,532.44
		CONVENTIONAL		,	,
7	715-500-1	POLE CABLE DIST SYS,	37.00 EA	\$544.04	\$20,129.48
7	715-14-11	LIGHTING - PULL BOX,F&I,ROADSIDE- MOULDED	37.00 EA	\$417.98	\$15,465.26
7	715-2-12	LIGHTING-CONDUIT, F&I, UNDER EXIST PVMT	1,045.90 LF	\$19.07	\$19,945.31
7	715-2-11	LIGHTING-CONDUIT, F&I, UNDERGROUND	5,269.44 LF	\$5.73	\$30,193.89
7	715-1-13	LIGHTING CONDUCTORS, F&I, INSUL, NO.4-2	19,245.43 LF	\$2.23	\$42,917.31
7	710-11-223	PAINTED PAVT MARK,STD,YELLOW,SOLID, 12"	5,700.00 LF	\$1.31	\$7,467.00
7	710-11-133	PAINTED PVMT MARK, STD, WHITE, SKIP, 12"	3.34 GM	\$1,750.00	\$5,845.00
7	710-11-111	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	6.06 NM	\$814.06	\$4,933.20
		MARKERS			

Date: 6/10/2009 4:37:38 PM

### FDOT Long Range Estimating System - Production R4: Project Details Composite Report By Version

Project: 211335-3-21-01 Letting Date: 01/2099

**Description:** SW 20TH AVE FROM SW 43RD ST TO SW 34TH STREET

District: 02 County: 26 ALACHUA

Project Manager: BH/JK/SB

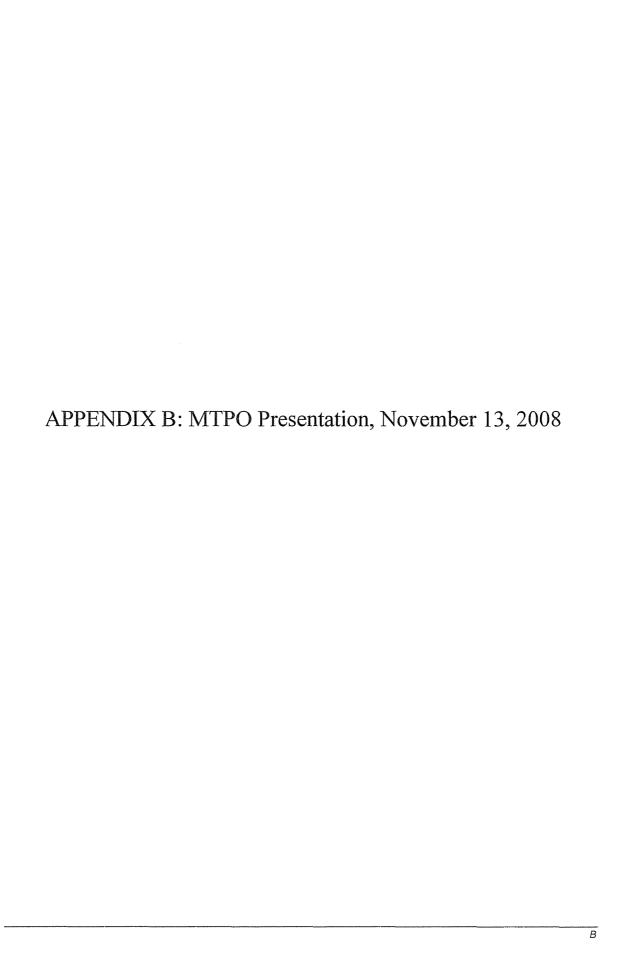
Version 6 Project Grand Total \$23,388,756.99

**Description:** Alternative 3, 11-5-08

Pay Items Pay Item	Description	Total Unit Quantity	Weighted Avg. Unit Price	Total Amount
102-1	MAINTENANCE OF TRAFFIC	10.00	Olik Filce	\$1,536,446.74
101-1	MOBILIZATION	10.00		\$1,690,091.42
104-4	MOWING	1.44 AC	\$356.37	\$513.17
104-11	FLOATING TURBIDITY BARRIER	189.50 LF	\$10.44	
104-12	STAKED TURBIDITY BARRIER	189.50 LF	\$2.95	
104-13-1	STAKED SILT FENCE, TYPE III	10,604.48 LF	\$0.76	
104-15	SOIL TRACKING PREVENTION DEVICE	1.00 EA	\$2,779.90	\$2,779.90
104-16	ROCK BAG	801.00 EA	\$4.37	\$3,500.37
110-1-1	CLEARING & GRUBBING	21.04 AC	\$14,950.38	\$314,556.00
120-1	REGULAR EXCAVATION	53,904.15 CY	\$6.76	\$364,392.05
120-6	EMBANKMENT	210,518.16 CY	\$15.57	\$3,277,767.75
160-4	TYPE B STABILIZATION	40,352.45 SY	\$2.48	\$100,074.08
180-70	STABILIZED SUBBASE	13,514.00 SY	\$9.48	\$128,112.72
285-709	OPTIONAL BASE,BASE GROUP 09	48,588.83 SY	\$9.74	\$473,255.20
327-70-5	MILLING EXIST ASPH PAVT, 2" AVG DEPTH	1,444.00 SY	\$2.24	\$3,234.56
327-70-23	MILLING EXIST ASPH PAVT, 6" AVG DEPTH	3,466.00 SY	\$6.86	\$23,776.76
334-1-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	5,787.34 TN	\$87.50	\$506,392.25
334-1-14	SUPERPAVE ASPHALTIC CONC, TRAFFIC D	4,547.90 TN	\$96.75	\$440,009.32
337-7-33	ASPH CONC FC,TRAFFIC C,FC- 12.5,RUBBER	2,806.00 TN	\$100.15	\$281,020.90
400-1-11	CONC CLASS I, RETAINING WALLS	4,531.73 CY	\$712.89	\$3,230,625.00
400-2-2	CONC CLASS II, ENDWALLS	49.64 CY	\$1,633.90	\$81,106.80
400-4-1	CONC CLASS IV, CULVERTS	457.65 CY	\$841.55	\$385,135.36
415-1-1	REINF STEEL- ROADWAY	58,252.50 LB	\$0.99	\$57,669.98
415-1-3	REINF STEEL- RETAINING WALL	76,448.44 LB	\$1.07	\$81,799.83
425-1-351	INLETS, CURB, TYPE P-5, <10'	28.00 EA	\$3,373.83	\$94,467.24
425-1-451	INLETS, CURB, TYPE J-5, <10'	8.00 EA	\$4,562.17	\$36,497.36
425-1-521	INLETS, DT BOT, TYPE C, <10'	4.00 EA	\$2,702.77	\$10,811.08
425-1-541	INLETS, DT BOT, TYPE D, <10'	2.00 EA	\$2,737.00	\$5,474.00
425-2-41	MANHOLES, P-7, <10'	4.00 EA	\$3,060.00	\$12,240.00

425-2-71	MANHOLES, J-7, <10'	2,00 EA	\$4,989.13	\$9,978.26
	PIPE CULV OPT MATL, ROUND, 0-24", SS	2,008.00 LF	\$81.98	\$164,615.84
430-171-103	PIPE CULV OPT MATL, ROUND, 37-48", SS	3,904.00 LF	\$137.61	\$537,229.44
430-171-104	PIPE CULV OPT MATL, ROUND, 49-60", SS	400.00 LF	\$184.94	\$73,976.00
430-172-102	PIPE CULV OPT MATL, ROUND, 25-36", CD	184.00 LF	\$155.00	\$28,520.00
515-2-302	PED/BICYCLE RAILING, ALUM,54"PICKET RAIL	10,538.90 LF	\$61.80	\$651,304.02
520-1-7	CONCRETE CURB & GUTTER, TYPE E	15,113.82 LF	\$26.32	\$397,795.74
520-1-10	CONCRETE CURB & GUTTER, TYPE F	7,327.24 LF	\$23.36	\$171,164.33
520-3	VALLEY GUTTER- CONCRETE	2,600.00 LF	\$25.38	\$65,988.00
520-5-11	TRAF SEP CONC-TYPE I, 4' WIDE	5,670.00 LF	\$36.50	\$206,955.00
522-1	SIDEWALK CONC, 4" THICK	12,341.51 SY	\$60.00	\$740,490.60
522-2	SIDEWALK CONC, 6" THICK	434.72 SY	\$64.22	\$27,917.72
550-10-220	FENCING, TYPE B, 5.1-6.0, STANDARD	2,020.00 LF	\$11.51	\$23,250.20
550-60-234	FENCE GATE, TYP B, SLIDE/CANT, 18.1-20'OPEN	2.00 EA	\$3,383.17	\$6,766.34
570-1-1	PERFORMANCE TURF	1,847.22 SY	\$0.54	\$997.50
570-1-2	PERFORMANCE TURF, SOD	36,094.00 SY	\$2.78	\$100,341.32
630-1-12	CONDUIT-SIGNALS, F& I, UNDERGROUND	8,500.00 LF	\$6,28	\$53,380.00
630-1-14	CONDUIT-SIGNALS,F& I, UG JACKED	2,500.00 LF	\$19.18	\$47,950.00
632-7-1	CABLE, SIGNAL, FURNISH & INSTALL	11.00 PI	\$1,787.50	\$19,662.50
635-1-11	PULL & JUNCTION BOXES, F&I, PULL BOX	156.00 EA	\$314.45	\$49,054.20
639-1-22	SIGNAL,ELECT POWER SERV,UG,PUR CONT	11.00 AS	\$1,265.00	\$13,915.00
639-2-1	SIGNAL, ELECTRICAL SERVICE WIRE	660.00 LF	\$1.40	\$924.00
649-415-003	M/ARM,F&I/HL,1ST-B5,2ND-0,POLE-Q3	24.00 EA	\$29,046.19	\$697,108.56
649-423-102	M/ARM, F&I/HL, 1ST B3, 2ND B1, POLE Q2	20.00 EA	\$24,813.25	\$496,265.00
650-51-311	TRAFFIC SIGNAL, F&I, 3 SECT, 1 WAY, STD	122.00 AS	\$896.98	\$109,431.56
653-111	PEDESTRIAN SIGNAL, 12 IN, INCANDES,1 WAY	88.00 AS	\$400.00	\$35,200.00
659-101	SGNL HEAD AUXIL, F&I, BACK PLT 3 SECT	78.00 EA	\$92.01	\$7,176.78
659-109	SGNL HEAD AUXIL, F&I, CONC PED TYP II	11.00 EA	\$910.03	\$10,010.33
660-1-102	LOOP DETECTOR INDUCTIVE, F&I, TYPE 2	134.00 EA	\$177.61	\$23,799.74
660-2-106	LOOP ASSEMBLY, F&I, TYPE F	134.00 AS	\$762.78	\$102,212.52
665-11	PED DET, F&I, DET STA POLE OR CAB MTD	88.00 EA	\$163.70	\$14,405.60
670-5-111	TRAF CNTL ASSEM, F&I, NEMA, 1 PREEMPT	11.00 AS	\$19,648.11	\$216,129.21
700-20-11	SINGLE POST SIGN, F&I, LESS THAN 12 SF	19.00 AS	\$333.70	\$6,340.30
700-20-12	SINGLE POST SIGN, F&I, 12-20 SF	2.00 AS	\$514.52	\$1,029.04
700-21-11	MULTI- POST SIGN, F&I, 50 OR <	2.00 AS	\$2,463.49	\$4,926.98
700-21-12	MULTI- POST SIGN, F&I, 51-100	2.00 AS	\$5,436.06	\$10,872.12
700-48-19	SIGN PANELS, F & I, 16 - 100	44.00 EA	\$1,426.82	\$62,780.08
706-3	RETRO-REFLECTIVE PAVEMENT	102.00 EA	\$3.59	\$366.18

	MARKERS				
710-11-111	PAINTED PAVT MARK,STD,WHITE,SOLID,6"	6.06 NM	\$814.06	\$4,933.20	
710-11-133	PAINTED PVMT MARK, STD, WHITE, SKIP, 12"	3.34 GM	\$1,750.00	\$5,845.00	
710-11-223	PAINTED PAVT MARK,STD,YELLOW,SOLID, 12"	5,700.00 LF	\$1.31	\$7,467.00	
715-1-13	LIGHTING CONDUCTORS, F&I, INSUL, NO.4-2	19,245.43 LF	\$2.23	\$42,917.31	
715-2-11	LIGHTING-CONDUIT, F&I, UNDERGROUND	5,269.44 LF	\$5.73	\$30,193.89	
715-2-12	LIGHTING-CONDUIT, F&I, UNDER EXIST PVMT	1,045.90 LF	\$19.07	\$19,945.31	
715-14-11	LIGHTING - PULL BOX,F&I,ROADSIDE- MOULDED	37.00 EA	\$417.98	\$15,465.26	
715-500-1	POLE CABLE DIST SYS, CONVENTIONAL	37.00 EA	\$544.04	\$20,129.48	
715-511-140	) LIGHT POLE COMP,F&I,SGL ARM SM, AL,40'	37.00 EA	\$2,744.12	\$101,532.44	
999-25	INITIAL CONTINGENCY AMOUNT (DO NOT BID)	1.00 LS	\$150,000.00	\$150,000.00	
Project Unkr		25.00 %		\$4,647,751.40	
Design/Build		0.00 %		\$0.00	
Version 6 P	roject Grand Total		\$	23,388,756.99	



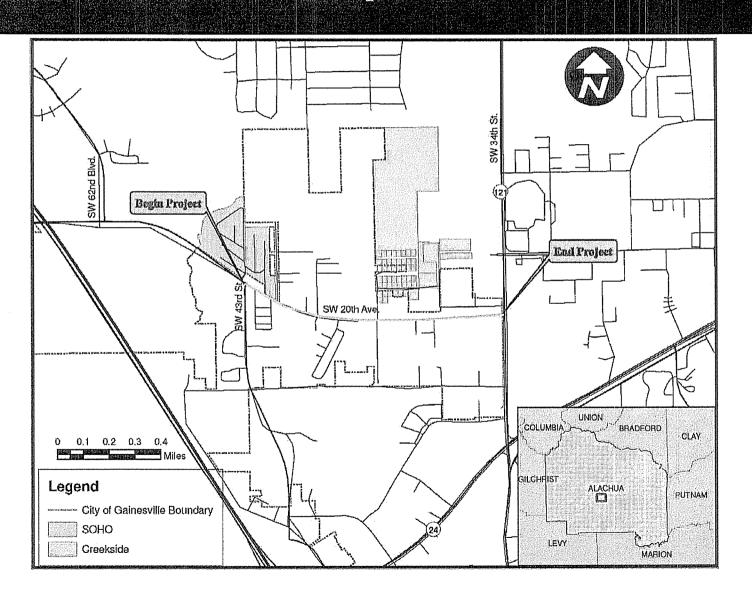
# SW 20<sup>th</sup> Avenue

Prepared By: Florida Department of Transportation District Two



MTPO November 13, 2008

# Study Area



## Scope of Study

- Based on the Long Range Transportation Plan (LRTP) - Reconstruct the existing two lane facility to include:
  - Missing sidewalks
  - Center turn lanes
  - Raised medians
  - Bus bays
  - Transit 'Super Stops'

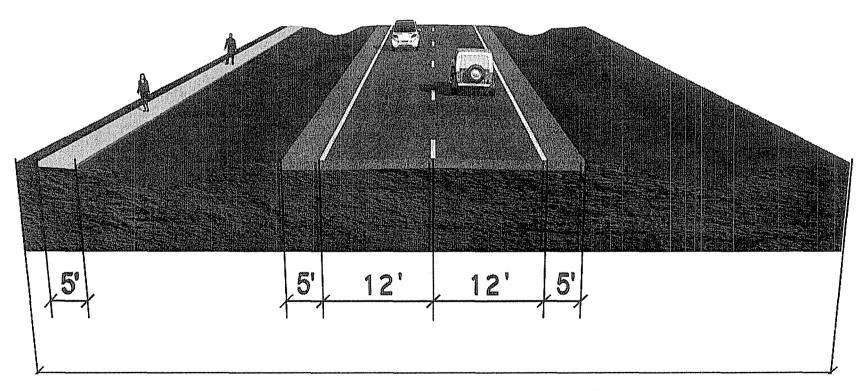
# 2025 Cost Feasible Plan - Priorities

Prilority	Needs Plain Project	Description	Type Work	Funding Allocated (smillions (sooy Dollars
1	ITS-1	Traffic Management System AT: Systemwide	Install modernized traffic-control system	\$16
2	Е	SE 16 <sup>th</sup> Avenue From: Main Street To: Williston Road	Widen the existing facility from two to four lanes with in- street bike lanes	\$5.3
3	V	SW 20 <sup>th</sup> Avenue From: SW 43 <sup>rd</sup> Street To: SW 34 <sup>th</sup> Street	Reconstruction of the existing two-lane facility to include missing sidewalks, center turn lanes, raised medians, bus bays, and transit 'super stops'	\$12
4	G	NW 34 <sup>th</sup> Street From: NW 16 <sup>th</sup> Avenue To: NW 13 <sup>th</sup> Street	Construction of center turn lanes along this facility	\$1.8
5	Y	Depot Avenue From: SW 13 <sup>th</sup> Street To: Williston Rd	Reconstruction of the existing two-lane facility. Total estimated project costs is \$15.8 million, of which \$4.8 million is federally funded	\$3.4
6	F	Archer Road/SW 16 <sup>th</sup> Avenue	Construction of intersection modifications at Archer Road/SW 16 <sup>th</sup> Ave and Archer Rd/Gale Lemerand Dr., including restricted access on a portion of Archer Road and a new north-south road connection between Archer Rd. and SW 16 <sup>th</sup> Ave with associated intersection modifications	\$8.2

## Ongoing/Coinciding Studies

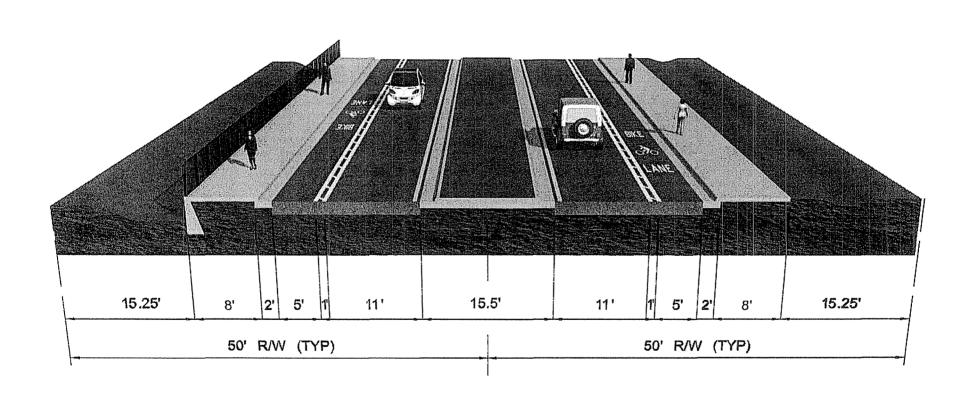
- SW 62 Blvd Connector Study
- Bus Rapid Transit Study
- Urban Village Action Plan
- Urban Village Subcommittee and FocusGroup
- Reconstruction of SW 24<sup>th</sup> Avenue and Construction of 38<sup>th</sup> Terrace
- Annexation Process of the Urban Village into the City Limits

# **Existing Typical Section**

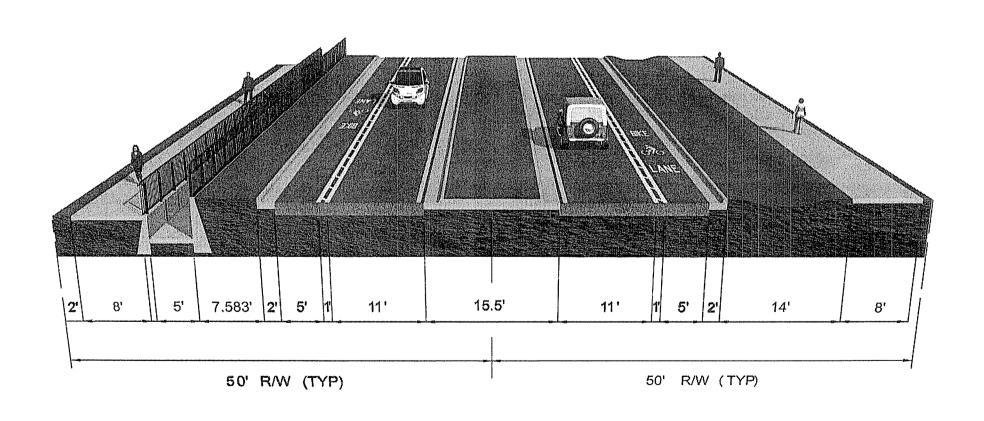


100' ROW BETWEEN 43<sup>rd</sup> ST. & 38<sup>th</sup> TERR. 80' ROW BETWEEN 38<sup>th</sup> TERR. & 34<sup>th</sup> ST.

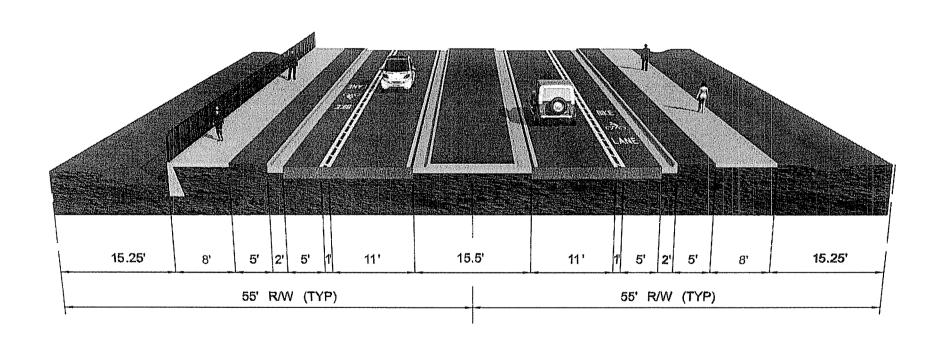
# Proposed Typical Section ALTERNATIVE 1



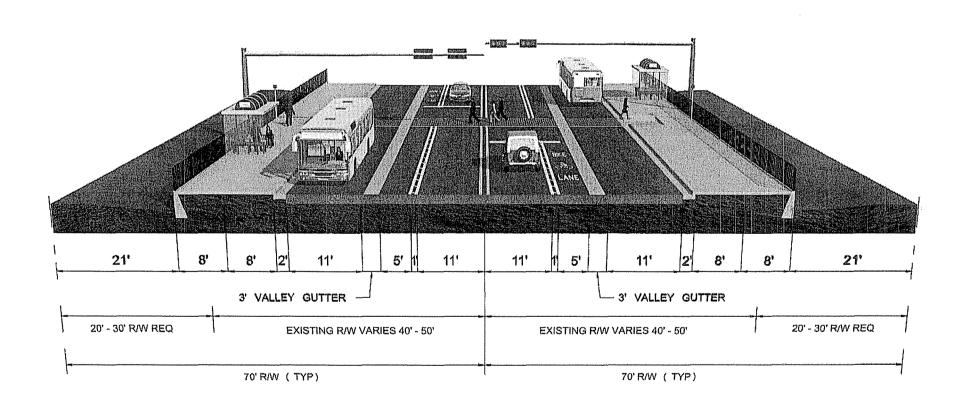
# Proposed Typical Section ALTERNATIVE 2



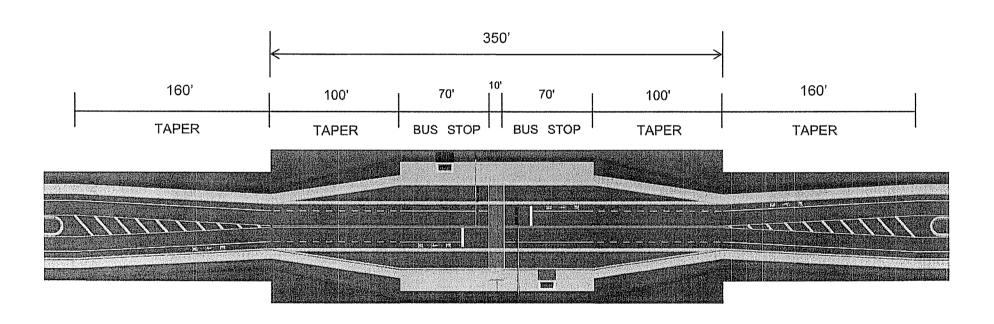
# Proposed Typical Section ALTERNATIVE 3



## **Proposed Smart Bus Bay Typical Section**



## **Proposed Smart Bus Bay Dimensions**



# Proposed Smart Bus Bay Locations



### Advantages

- Livable/Walkable Community
- Aesthetically pleasing
- Easier for buses to reenter roadway
- Continuous Sidewalks
- Two Signalized Midblock Pedestrian Crosswalks

## Disadvantages

- Limited Median Openings
- U-turns not possible

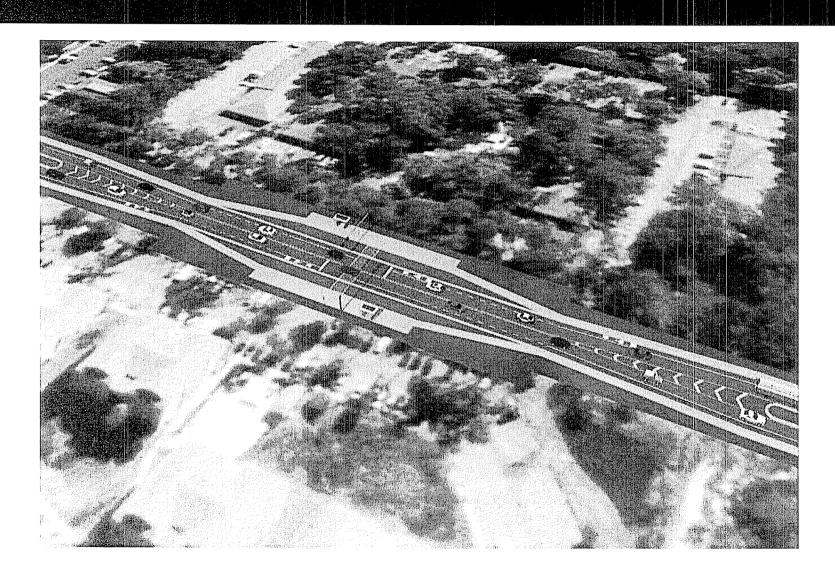
### Costs

THEM	ALTERNATIVE 1	ALTERNATIVE 2:	ALTERNATIME 3
Construction	\$22,735,000	\$26,385,000	\$23,389,000
Design/Inspection	\$4,547,000	\$5,277,000	\$4,678,000
Number of Parcels Impacted	17	17	29
Right-of-Way	\$4,433,000	\$4,433,000	\$5,990,000
TOTAL COST	\$31,715,000	\$36,095,000	\$34,057,000

## **Next Steps**

Final Multimodal Corridor Report – December

## Smart Bus Bay Demonstration





	ATTENDANCE RECORD			IN VIOLATION
TAC MEMBER AND ALTERNATE	ORGANIZATION	MEETING DATE 04-29-09	MEETING DATE 05-27-09	IF ABSENT AT NEXT MEETING?
CHRIS BIRD	Alachua County			NO
Alt - Kathy Fanning Alt - Steven Hofstetter	Environmental Protection Department	Р	Р	
STEVE LACHNICHT Alt - Jonathan Paul, V Chair Alt - Jeff Hays Alt - Kathleen Pagan	Alachua County Department of Growth Management Office of Planning and Development	A	Р	NO
RICHARD HEDRICK Alt- Ha Nguyen Alt- Michael Fay Alt - Dave Cerlanek	Alachua County Public Works Department	Р	Р	NO
DEKOVA BATEY Alt- Gina Hawkins	Alachua County/City of Gainesville/MTPO Bicycle/Pedestrian Advisory Board	P	А	NO
ERIK BREDFELDT Alt - Ralph Hilliard Alt - Dean Mimms Alt - Onelia Lazzari*	City of Gainesville Department of Community Development	Р	P	NO
STEWART PEARSON Alt- Emery Swearingen Alt- Phil Mann	City of Gainesville Department of Public Works	P	Р	NO
JESUS GOMEZ Alt- Doug Robinson, Chair Alt- David Smith	City of Gainesville Regional Transit System	Р	Р	NO
MICHAEL IGUINA Alt- Michelle Danisovzsky Alt- Allan Penksa	Gainesville/Alachua County Regional Airport Authority	Р	А	NO
JOHN GIFFORD Alt - Steve Phelps	Gainesville Regional Utilities	Р	Р	NO
KAREN TAULBEE Alt - Thomas Hill Alt - Milton Locklear	Florida Department of Transportation	Р	Р	NO
SCOTT KOONS Alt - Steve Dopp	North Central Florida Regional Planning Council	Р	Р	NO
HARREL HARRISON Alt- Edward Gable Alt- David Deas	School Board of Alachua County	А	А	YES
LINDA DIXON Alt - Carol Walker	University of Florida Facilities Planning and Construction Division	Р	А	NO
SCOTT FOX Alt- Ron Fuller	University of Florida Transportation & Parking Services	Р	А	NO

LEGEND KEY - P = Present A = Absent \* = New Member

me\p\em05\tac\attendance wk4

#### Attendance Rule

<sup>\*</sup> City of Gainesville Concurrency Management Staff is the representative for only level of service issues before the TAC Subcommittee.

<sup>1.</sup> Each voting member of the TAC may name one (1) or more alternates who may vote only in the absence of that member on a one vote per member basis.

<sup>2.</sup> Each member of the TAC is expected to demonstrate his or her interest in the TAC's activities through attendance of the scheduled meetings, except for reaons of an unavoidable nature. In each instance of an unavoidable absence, the absent member should ensure that one of his or her alternates attends. No more that three (3) consecutive absences will be allowed by the member. The TAC shall deal with consistent absences and is empowered to recommend corrective action for MTPO consideration.

### CITIZENS ADVISORY COMMITTEE (CAC)

#### ATTENDANCE RECORD

NAME	TERM EXPIRES	12-03-08	02-25-09	04-01-09	05-27-09	07-01-09	PERCENT IF ABSENT AT NEXT MEETING 07-29-09
Rob Brinkman	12/11	P	P	P	P	P	83%
Harvey Budd	12/09	P	P	P	P	P	83%
Nelle Bullock	12/10	P	P	P	P	P	83%
Sheryl Conner	12/09	E	P	P	P	P	67%
Mary Ann DeMatas	12/11		P	P	P	P	•
George Blake Fletcher	12/09	P	P	A	P	P	67%
Jan Frentzen	12/10	P	P	P	P	P	83%
Sharon Hawkey	12/10	P	E	P	P	P	67%
Seth Lane	12/11		P	P	P	P	
Chandler Otis	12/09	P	A	A	<b>P</b>	P	50%
James Samec	12/11	P	P	P	P	P	83%
Greg Sholar	12/09	P	P	P	A	P	67%
Ruth Steiner	12/11	P	P	P	E	P	67%
Ewen Thomson	12/10	P	P	P	P	P	83%
Gary Weed	12/10	P	P	P	P	P	83%

LEGEND KEY - P-Present; E-Excused Absence; A-Unexcused Absence

t\mike\em10\cac\attd\_cac.wk4

#### ATTENDANCE RULE

Any appointee of the MTPO to the CAC shall be automatically removed from the committee upon filing with the Chairman of the MTPO appropriate proof that such person has had three (3) or more consecutive unexcused absences, or that the overall attendance record of any such person (including excused and unexcused absences) is less than 66-2/3% for any six (6) month consecutive period or less than 66-2/3% for six (6) consecutive meetings if meetings are not held each month, whichever is longer. Excused absences are here defined to be those absences which occur from regular or special meetings after notification by such person to the Chairman prior to such absence explaining the reasons therefore. All other absences are here defined to be unexcused.

#### ADDITIONAL NOTES:

- 1. On October 30, 1985, staff asked the CAC to clarify the procedures staff should use to record attendance at CAC meetings. The CAC instructed staff to use the following procedures:
  - A. all CAC meetings will require mandatory attendance by all members; and
  - B. attendance is recorded at all CAC meetings, even if a quorum is not present.
- 2. On April 28, 1999, the CAC decided to limit attendance by teleconferencing to medical emergencies only.
- 3. Members denoted in BOLD ITALICs are at risk for attendance rule violation if the next meeting is missed.

VIII.B

#### Marlie Sanderson

From: Taulbee, Karen [Karen.Taulbee@dot.state.fl.us]

**Sent:** Friday, July 10, 2009 11:18 AM

To: Marlie Sanderson

Cc: Bennett, James; Pitman, Jimmy; Thomas, Kathy; Widmer, Myrna

Subject: FDOT Mast Arm Policy - Potential Project Impacts

#### Marlie:

As a follow up to the MTPO meeting of June 8, 2009, regarding FDOT District mast arm policy changes, please find information below that discusses potential projects in Alachua County/MTPO Boundary that would be impacted by the reiteration of the Department's mast arm policy.

During the June 8, MTPO meeting, James Bennett said that FDOT would provide MTPO members with a list of which forthcoming FDOT projects would be impacted by this policy. Please provide this information for the MTPO's August 10th Consent Agenda for information only.

There are no FDOT projects currently in design phase in the Gainesville/MTPO boundary that this policy would have a negative impact on.

The projects reviewed were resurfacing, new construction or reconstruction. Only the Main Street resurfacing project, 207785-1, expected to be under construction by Fall 2009, addresses replacing signals with mast arms. These signals will be black mast arm design.

As stated in the Department's letter of May 5, 2009, any new projects initiated by the Department, local governments or private development will follow the adopted policy.

Should you have any questions or need additional information, please contact me.

Karen S. Taulbee, AICP
Transportation Specialist
Jacksonville Urban Office
904-360-5652
karen.taulbee@dot.state.fl.us