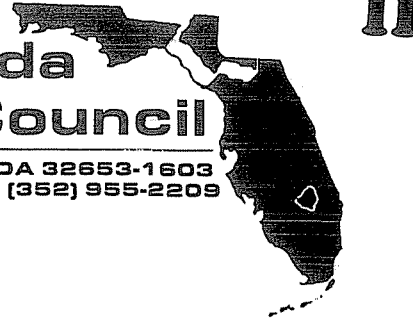


North Central Florida Regional Planning Council

2009 NW 67 PLACE, SUITE A, GAINESVILLE, FLORIDA 32653-1603
(352)955-2200 SUNCOM 625-2200 FAX (352) 955-2209



November 24, 2009

TO: Citizens and Technical Advisory Committees (CAC & TAC)

FROM: Marlie Sanderson, Director of Transportation Planning

SUBJECT: Meeting Announcement and Agenda

On Wednesday, December 2nd, the TAC will meet at 2:00 p.m. in the *Multi-purpose Room, Gainesville Regional Utilities*. Also on Wednesday, December 2nd, the CAC will meet at 7:00 p.m. in the *Grace Knight Conference Room, Alachua County Administration Building 12 SE 1st Street*. Times shown on this agenda are for the CAC meeting.

STAFF RECOMMENDATION

- | | | |
|-----------------------|---|-----------------------------|
| 7:00 p.m. | I. Introductions (if needed)* | |
| | II. Approval of Meeting Agenda | APPROVE AGENDA |
| Page #3
7:05 p.m. | III. Approval of Committee Minutes | APPROVE MINUTES |
| Page #11
7:10 p.m. | IV. Upcoming Meetings | FOR INFORMATION ONLY |
| | A. <u>Next MTPO meeting-</u> December 14 th at 5:00 p.m.
B. <u>Next set of Committee Meetings-</u> (to be determined) | |
| Page #13
7:15 p.m. | V. SW 62 nd Boulevard Connector Interim Project-
60 Percent Plans | APPROVE PLANS |
| | <u>Alachua County's consultant has prepared 60 percent design plans for review</u> | |
| Page #73
7:30 p.m. | VI. Florida Department of Transportation (FDOT) Tentative Five Year Work Program | FORWARD COMMENTS
TO MTPO |
| | <u>The purpose of this agenda item is to decide if the MTPO should request changes to the draft Work Program</u> | |

Page #75 VII. Long Range Transportation Plan Update- RECOMMEND APPROVAL
8:00 p.m. Vision Statement, Goals and Objectives

The MTPO's consultant has prepared a draft vision statement and draft goals and objectives for the Year 2035 Transportation Plan Update

Page #85 VIII. Long Range Transportation Plan Update- REVIEW AND COMMENT
8:30 p.m. Other Issues

- A. Suggested Performance Measures
- B. Initial Accessibility Analysis
- C. Existing + Committed Network Map and Table

The MTPO's consultant will also discuss the issues listed above

Page #99 IX. Design Team APPROVE STAFF RECOMMENDATION
8:45 p.m.

This agenda item is concerning the sunseting of the Design Team and having its duties and responsibilities assigned to the Technical Advisory Committee

Page #105 X. Public Involvement Plan Update APPROVE STAFF
9:00 p.m. RECOMMENDATION
CAC ONLY

Each year, the MTPO reviews its public involvement processes to ensure that its process provides full and open access to all citizens

Page #107 XI. Dr. Kermit Sigmon Citizen Participation Award SELECT RECIPIENT
9:15 p.m.
CAC ONLY

Each CAC member will be asked to vote for one person

XII. Information Items

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

Page #109 A. CAC and TAC Attendance Records
Page #111 B. Environmental Issues Forum



MINUTES

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

NCFRPC Charles F. Justice Conference Room
2009 NW 67th Place
Gainesville, Florida

2:00 p.m.
Wednesday
July 29, 2009

<u>MEMBERS PRESENT</u>	<u>MEMBERS ABSENT</u>	<u>OTHERS PRESENT</u>	<u>STAFF PRESENT</u>
Doug Robinson, Vice Chair Dekova Batey Kathy Fanning Ron Fuller John Gifford Michael Iguina Debbie Leistner Dean Mimms Ha Nguyen Karen Taulbee	Jonathan Paul, Chair Steve Dopp Linda Dixon Harrell Harrison	LaChant Barnett Paul Cherry Don Hambidge Doreen Joyner-Howard Carly Wilson	Marlie Sanderson Michael Escalante

CALL TO ORDER

Vice Chair Doug Robinson, Regional Transit System (RTS) Chief Transit Planner, called the meeting to order at 2:14 p.m.

I. INTRODUCTIONS

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

II. APPROVAL OF THE MEETING AGENDA

Vice Chair Robinson asked for approval of the meeting agenda.

ACTION: Mike Iguina moved to approve the meeting agenda. Dean Mimms seconded; motion passed unanimously.

III. APPROVAL OF COMMITTEE MINUTES

Mr. Marlie Sanderson, MTPO Director of Transportation Planning, stated that the May 27, 2009 minutes are ready for approval.

ACTION: Ha Nguyen moved to approve the May 27, 2009 TAC minutes amended to include County staff comments on right-of-way acquisition constraints on SW 40th Boulevard to construct a sidewalk on the west side. Dean Mimms seconded; motion passed unanimously.

IV. UPCOMING MEETINGS

Mr. Sanderson announced that the next MTPO meeting is scheduled for August 10th at 3:00 p.m. in the Jack Durrance Auditorium. He said that the TAC's next meeting, if needed, is scheduled for September 2nd.

V. ARCHER ROAD/SW 16TH AVENUE PROJECT DEVELOPMENT AND ENVIRONMENT (PD&E) STUDY

Mr. Sanderson stated that the City of Gainesville's consultant was prepared to discuss the Archer Road/SW 16th Avenue PD&E Study roadway cross-sections.

Mr. Paul Cherry, Kimley-Horne Project Manager, discussed the Archer Road/SW 16th Avenue PD&E Study roadway cross-sections and answered questions. He noted that there would be a 20 miles per hour (mph) speed limit between Gale Lemerand Drive and SW 13th Street. He added that Kimley-Horne will conduct a speed study for the Archer Road corridor.

ACTION: John Gifford moved to recommend that the MTPO approves the Archer Road (Exhibit 1) and SW 16th Avenue (Exhibit 2) roadway cross-sections. Ron Fuller seconded; motion passed unanimously.

VI. REGIONAL TRANSIT SYSTEM (RTS) TRANSIT DEVELOPMENT PLAN

Mr. Michael Escalante, MTPO Senior Planner, stated that RTS has submitted a draft Transit Development Plan for review and comment. He said that the MTPO staff recommendation for service and capital priorities tables that he emailed to CAC member was out-of-date. He distributed new tables and answered questions.

Ms. LaChant Barnett, Tindall/Oliver Project Manager, and Chair Robinson discussed the draft Transit Development Plan and answered questions.

ACTION: Dean Mimms moved to recommend that the MTPO recommend that the City of Gainesville approve the Transit Development Plan. Debbie Leistner seconded; motion passed unanimously.

VII. SW 20TH AVENUE SCOPING PLANS

Mr. Sanderson stated that, since the TAC gave its recommendation to the MTPO on the SW 20th Avenue Scoping Plans, Florida Department of Transportation (FDOT) staff has presented some additional information to the MTPO. He said that FDOT reviewed the MTPO Advisory Committee comments and developed a third roadway cross-section alternative. He discuss Alternative 3 and answered questions.

ACTION: Dean Mimms moved to recommend that the MTPO approve the Alternative 3 Cross-Section with one revision to include a substantial form of rumble strip separating the travel and bicycle lanes. John Gifford seconded; motion passed unanimously.

VIII. INFORMATION ITEMS

Chair Robinson announced that there would be a Transit Development Plan workshop on Wednesday, August 5th at 6:00 p.m. at the Gainesville Regional Utilities Administration Building.

Mr. Dean Mimms, City of Gainesville Chief of Comprehensive Planning, announced that there would be a scoping meeting on the City's Comprehensive Plan and Evaluation and Appraisal Report on August 27th at the Gainesville Technology Enterprise Center (GTEC).

ADJOURNMENT

The meeting was adjourned at 3:15 p.m.

Date

Jonathan Paul, Chair

MINUTES

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

Grace Knight Conference Room
12 SE 1st Street
Gainesville, Florida

7:00 p.m.
Wednesday
July 29, 2009

<u>MEMBERS PRESENT</u>	<u>MEMBERS ABSENT</u>	<u>OTHERS PRESENT</u>	<u>STAFF PRESENT</u>
Jan Frentzen, Chair Rob Brinkman, Vice Chair Sheryl Conner Harvey Budd Nelle Bullock Mary Ann DeMatas Sharon Hawkey Seth Lane Chandler Otis James Samec Ruth Steiner Ewen Thomson	George Blake Fletcher Greg Sholar Gary Weed	LaChant Bartlett Paul Cherry Jesus Gomez Don Hambidge Doreen Joyner-Howard Doug Robinson Karen Taulbee Carly Wilson	Marlie Sanderson Mike Escalante

CALL TO ORDER

Chair Jan Frentzen called the meeting to order at 7:02 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.

ACTION: Rob Brinkman moved to approve the meeting agenda. Nelle Bullock seconded; motion passed unanimously.

III. APPROVAL OF COMMITTEE MINUTES

Chair Frentzen asked for approval of the CAC meeting minutes.

ACTION: James Samec moved to approve the May 27, 2009 and July 1, 2009 CAC minutes. Sharon Hawkey seconded; motion passed unanimously.

IV. UPCOMING MEETINGS

Mr. Marlie Sanderson, MTPO Director of Transportation Planning, announced that the next MTPO meeting is scheduled for August 10th at 3:00 p.m. in the Jack Durrance Auditorium. He said that the CAC's next meeting, if needed, is scheduled for September 2nd.

V. ARCHER ROAD/SW 16TH AVENUE PROJECT DEVELOPMENT AND ENVIRONMENT (PD&E) STUDY

Mr. Sanderson stated that the City of Gainesville's consultant was prepared to discuss the Archer Road/SW 16th Avenue PD&E Study roadway cross-sections.

Mr. Paul Cherry, Kimley-Horne Project Manager, discussed the Archer Road/SW 16th Avenue PD&E Study roadway cross-sections and answered questions. He noted that there would be a 20 miles per hour (mph) speed limit between Gale Lemerand Drive and SW 13th Street.

Mr. Don Hambidge, City of Gainesville Assistant Public Works Director, added that through agreements to be developed among the Florida Department of Transportation, City of Gainesville and the University of Florida, the University Police Department would enforce the 20 mph speed limit between Gale Lemerand Drive and SW 13th Street.

ACTION: Harvey Budd moved to recommend that the MTPO approve the Archer Road (Exhibit 1) and SW 16th Avenue (Exhibit 2) roadway cross-sections. Nelle Bullock seconded; motion passed unanimously.

VI. REGIONAL TRANSIT SYSTEM (RTS) TRANSIT DEVELOPMENT PLAN

Mr. Michael Escalante, MTPO Senior Planner, stated that RTS has submitted a draft Transit Development Plan for review and comment. He said that the MTPO staff recommendation for service and capital priorities tables that he emailed to CAC member was out-of-date. He distributed new tables and answered questions.

Ms. LaChant Barnett, Tindall/Oliver Project Manager, Mr. Jesus Gomez, RTS Director, and Mr. Doug Robinson, RTS Chief Transit Planner, discussed the draft Transit Development Plan and answered questions.

ACTION: Sharon Hawkey moved to recommend to the MTPO that expansion of transit service should be a priority and that funding sources should be found. Ruth Steiner seconded; motion passed unanimously.

VII. SW 20TH AVENUE SCOPING PLANS

Mr. Sanderson stated that, since the TAC gave its recommendation to the MTPO on the SW 20th Avenue Scoping Plans, Florida Department of Transportation (FDOT) staff has presented some additional information to the MTPO. He said that FDOT reviewed the MTPO Advisory Committee comments and developed a third roadway cross-section alternative. He and Ms. Karen Taulbee, FDOT Transportation Specialist, discussed Alternative 3 and answered questions.

ACTION: Harvey Budd moved to recommend that the MTPO approve the Alternative 3 Cross-Section with one revision to include the bike lane striping safety features recently installed on Millhopper Road west of NW 43rd street. Ruth Steiner seconded; motion passed 8 to 4.

X. INFORMATION ITEMS

There was no discussion of the information items.

ADJOURNMENT

The meeting was adjourned at 8:43 p.m.

Date

Jan Frentzen, Chair

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	<i>CANCELLED</i>	<i>CANCELLED</i>
FEBRUARY	January 20	January 20	<i>CANCELLED</i>	February 17 at 6:00 p.m.
MARCH	<i>CANCELLED</i>	February 24	February 25	March 2 at 2:00 p.m.
APRIL	<i>CANCELLED</i>	March 31	CAC Orientation @ 6:30 pm April 1	April 20 at 6:00 p.m.
MAY	<i>CANCELLED</i>	April 28	TAC Only April 29	<i>CANCELLED</i>
JUNE	May 19	May 26	TAC @ NCFRPC May 27	June 8 at 6:00 p.m.
JULY	<i>CANCELLED</i>	June 30	CAC Only July 1	<i>CANCELLED</i>
AUGUST	<i>CANCELLED</i>	July 28	TAC @ NCFRPC July 29	August 10 at 3:00 p.m.
SEPTEMBER	<i>CANCELLED</i>	<i>CANCELLED</i>	<i>CANCELLED</i>	<i>CANCELLED</i>
OCTOBER	September 15	September 29	TAC Subcommittee Only September 30	<i>CANCELLED</i>
NOVEMBER	<i>CANCELLED</i>	October 27	TAC Subcommittee Only 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.

North Central Florida Regional Planning Council

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



November 18, 2009

TO: Metropolitan Transportation Planning Organization (MTPO)

FROM: Marlie Sanderson, AICP, Director of Transportation Planning

SUBJECT: SW 62nd Boulevard Connector Interim Projects-
60 Percent Design Plans-

DESIGN TEAM AND MTPO STAFF RECOMMENDATION

Approve the three 60 Percent Design Plans.

BACKGROUND

Alachua County has submitted 60 percent design plans for the following three SW 62nd Boulevard Connector Interim Projects-

1. SW 40th Boulevard at Archer Road Intersection Modifications;
2. SW 43rd Street at SW 20th Avenue Intersection Modifications; and
3. Smart Bus Bay on SW 20th Avenue.

These three interim projects were developed as part of the SW 62nd Connector Project Development and Environmental Study. These three interim projects are being funded using the federal SAFETEA-LU High Priority Funds (also called "earmark funds").

Exhibits

Enclosed are the following three exhibits-

Exhibit 1- Interim Project slideshow for all three projects.

Exhibit 2- 60 percent plans for the SW 40th Boulevard at Archer Road Intersection Modifications.

Exhibit 3- 60 percent plans for the SW 43rd Street at SW 20th Avenue Intersection Modifications.

Exhibit 4- 60 percent plans for the Smart Bus Bay on SW 20th Avenue.

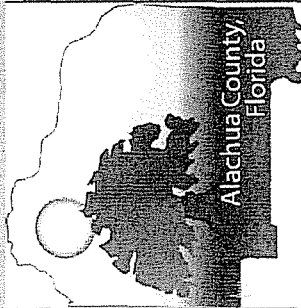
To also review the full set of design plans for these three projects, refer to the MTPO website:

<http://ncfrpc.org/mtpo/index.html>

Programmed Funds Timeline				
2008/2009	2009/2010	2010/2011	2011/2012	2012/2013
\$5.578 million* (construction)	-	-	-	-

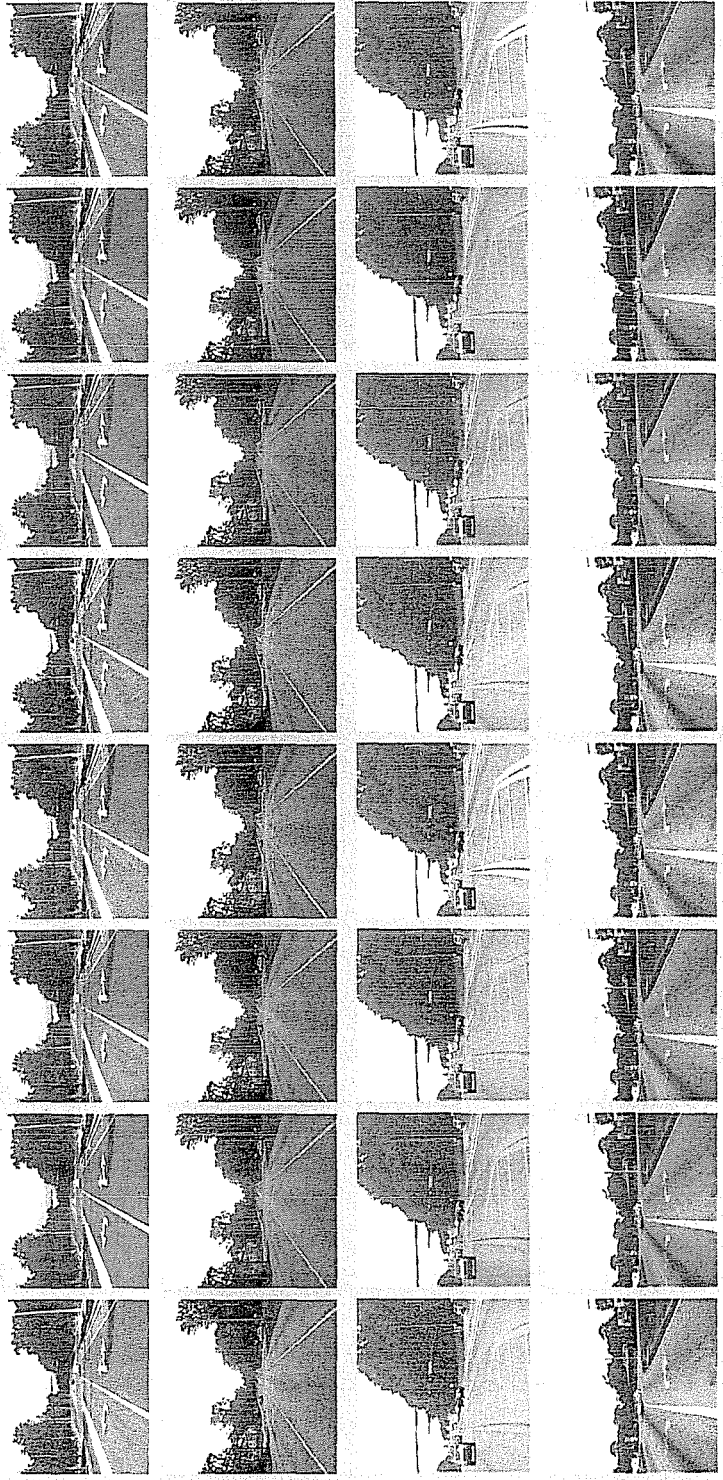
*Funding for all three interim projects

Enclosures



Southwest 62nd Boulevard Connector Interim Projects

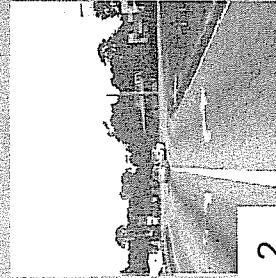
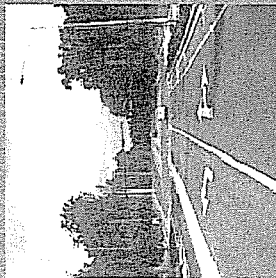
SR 24 (Archer Road) to SR 26 (Newberry Road)





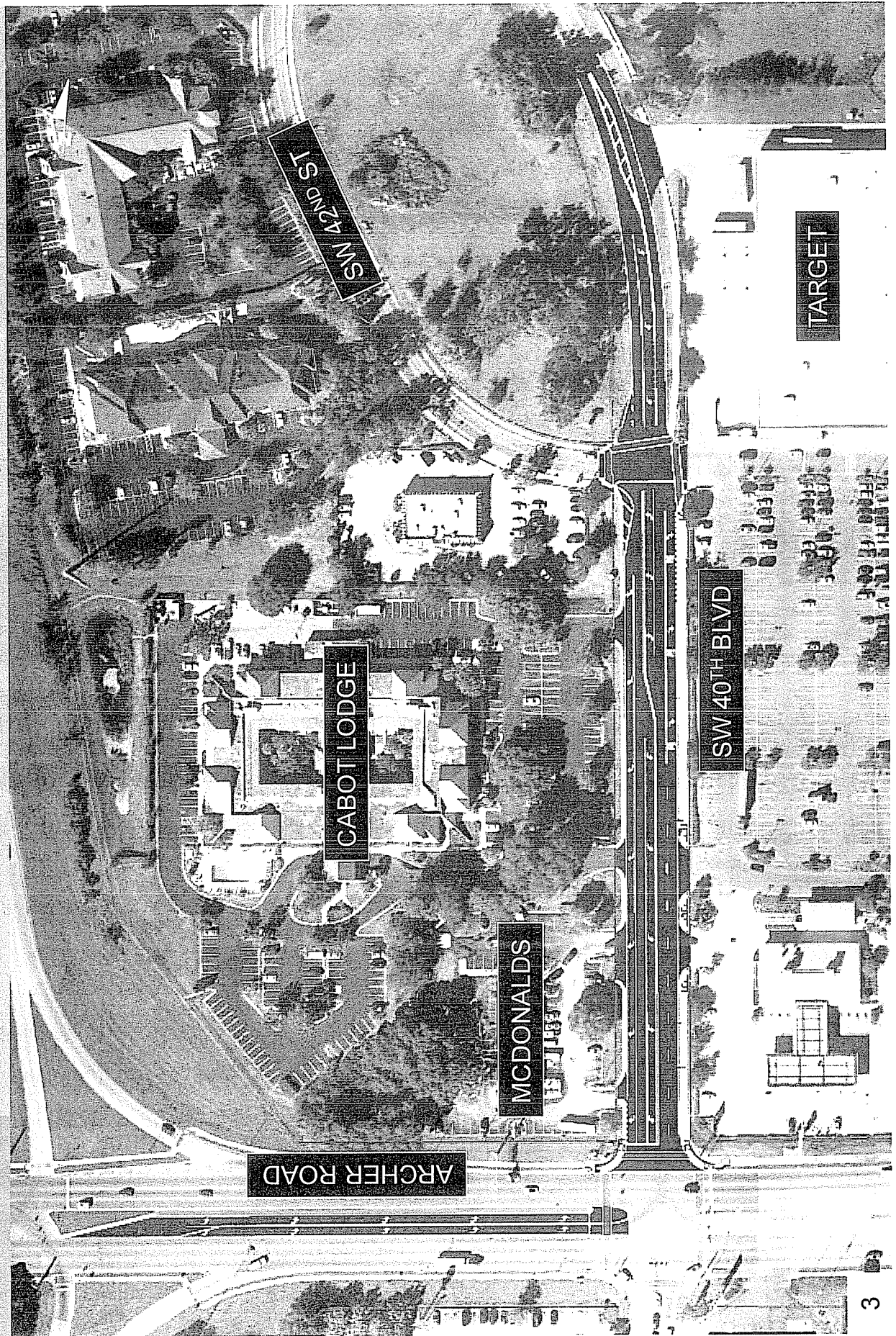
Purpose/Recommendation

- **Recommendation**
 - Approve the 60% design plans as proposed and direct staff to proceed with the development of the 90% plans.
- **Interim Projects**
 - Southwest 40th Boulevard at Archer Road
 - Southwest 20th Avenue at Southwest 43rd Street
 - Smart Bus Bay



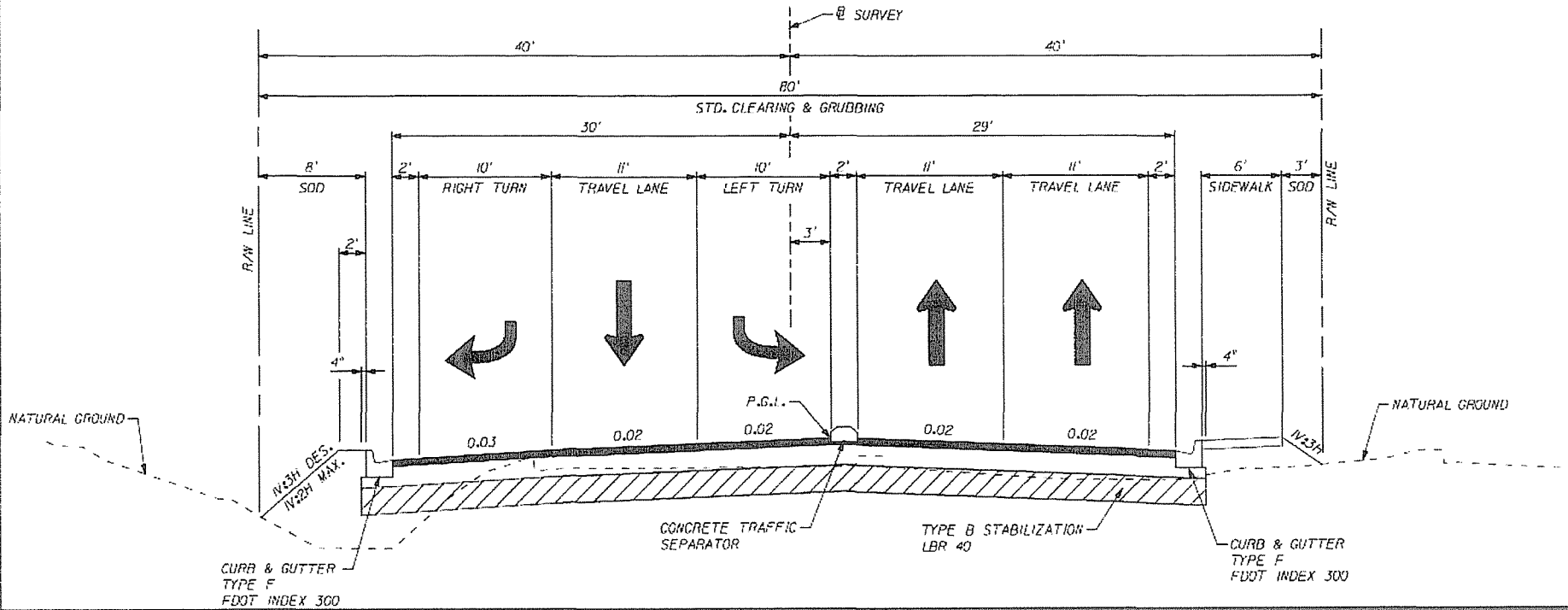
SW 40th Boulevard at Archer Road

HNIB

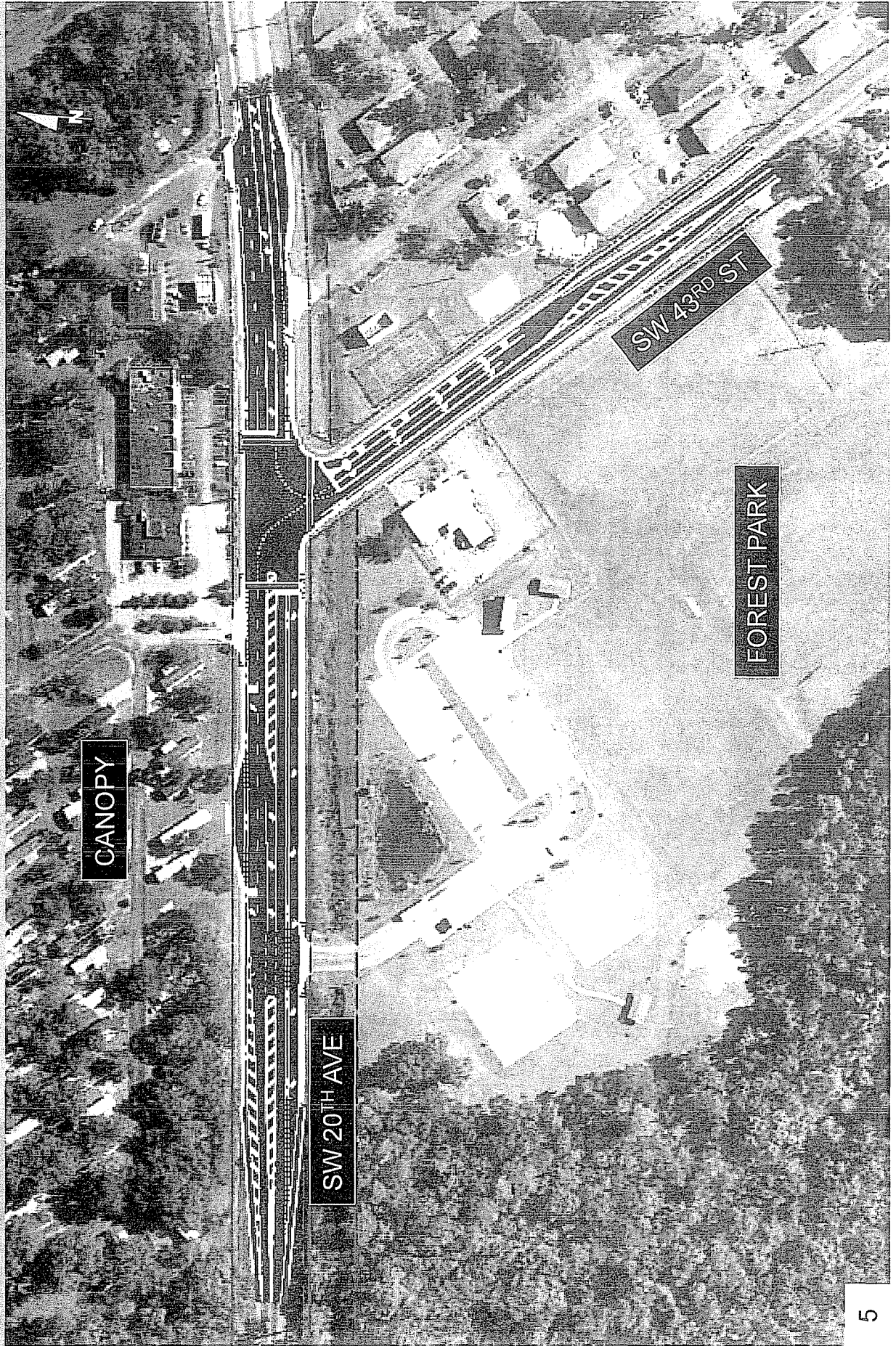


HNTB

Typical Section – SW 40th Blvd

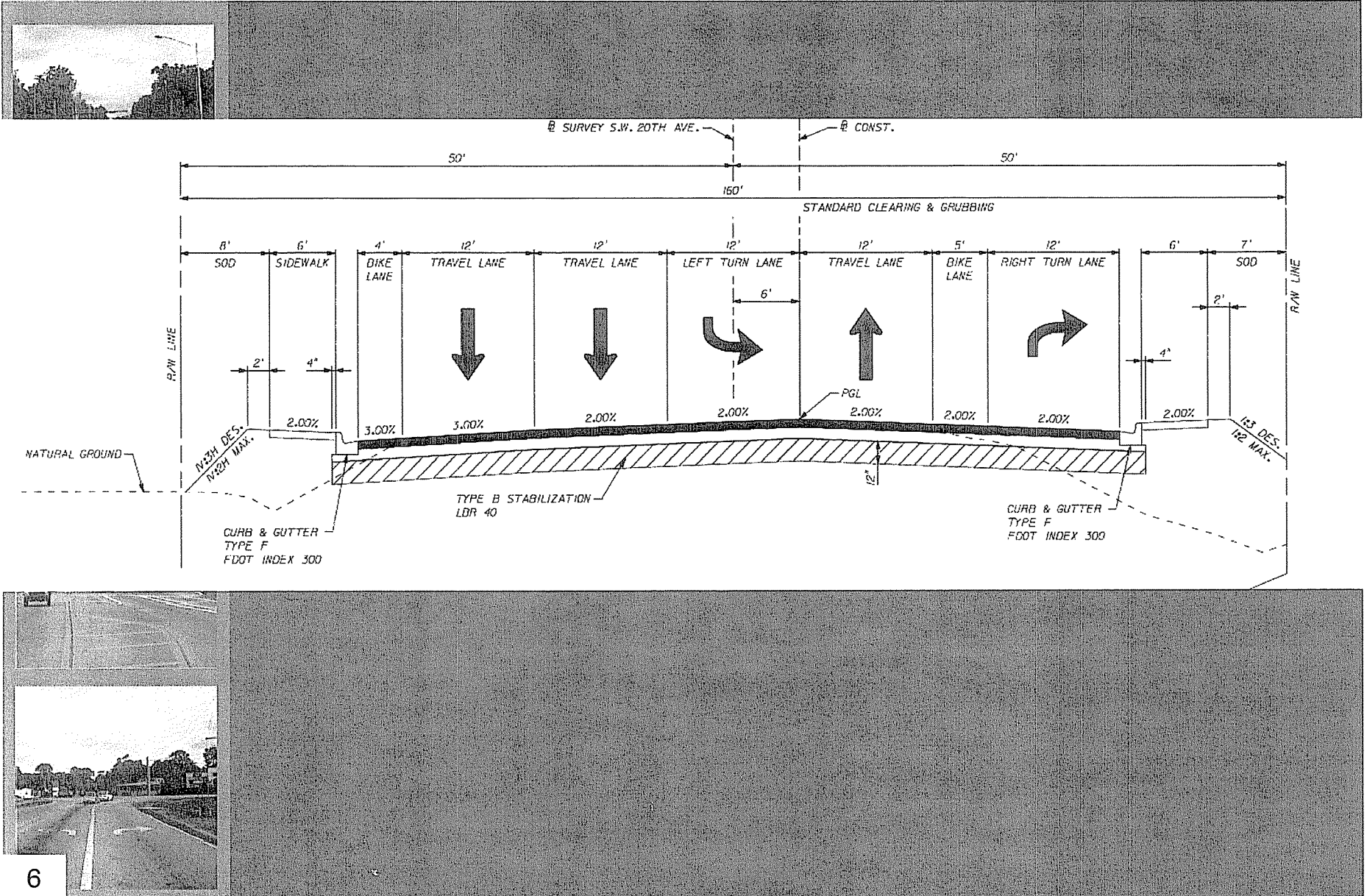


HNTB SW 20th Avenue at SW 43rd Street



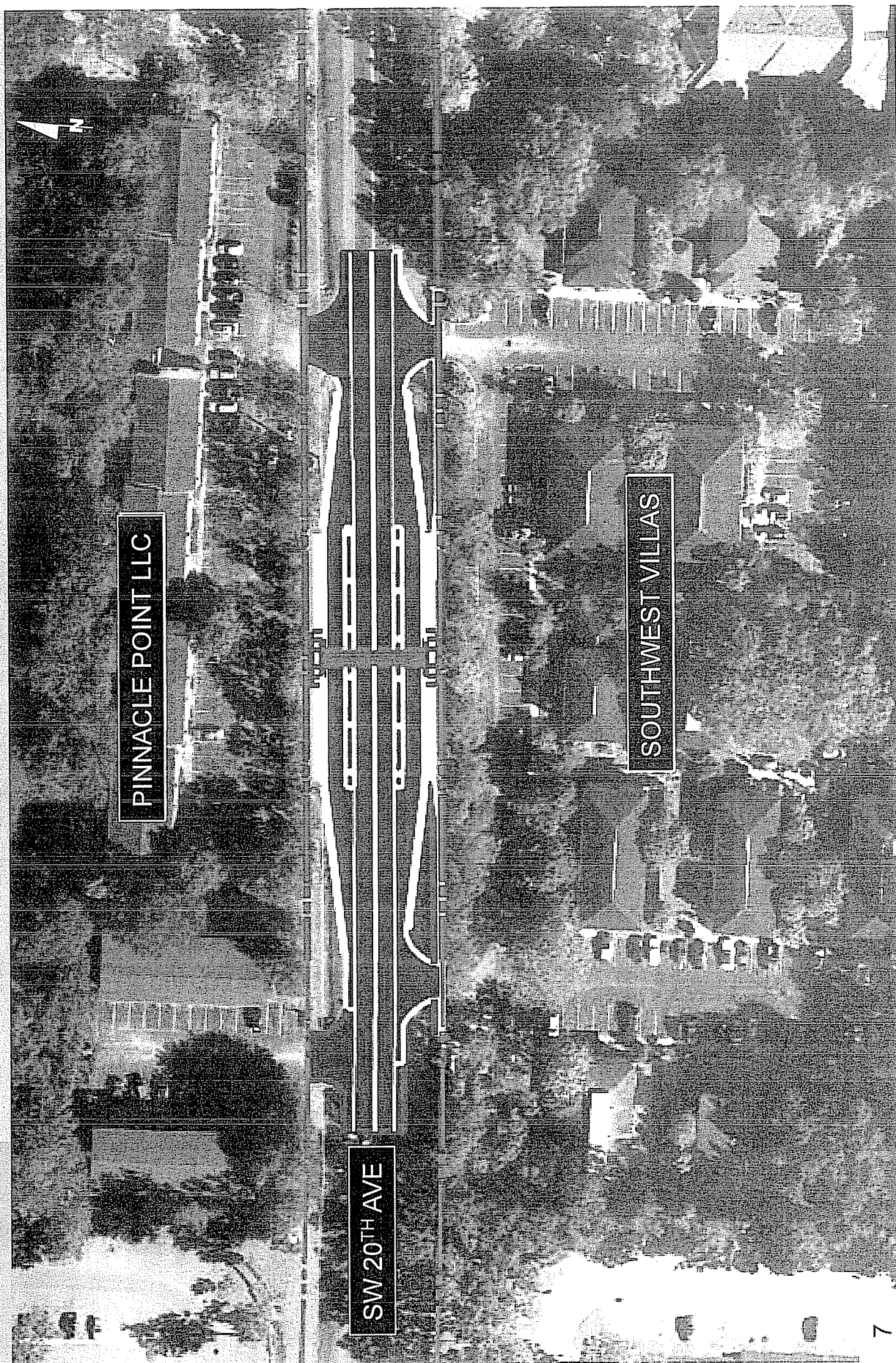


Typical Section – SW 20th Ave



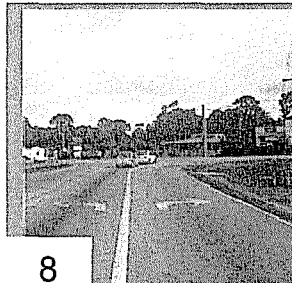
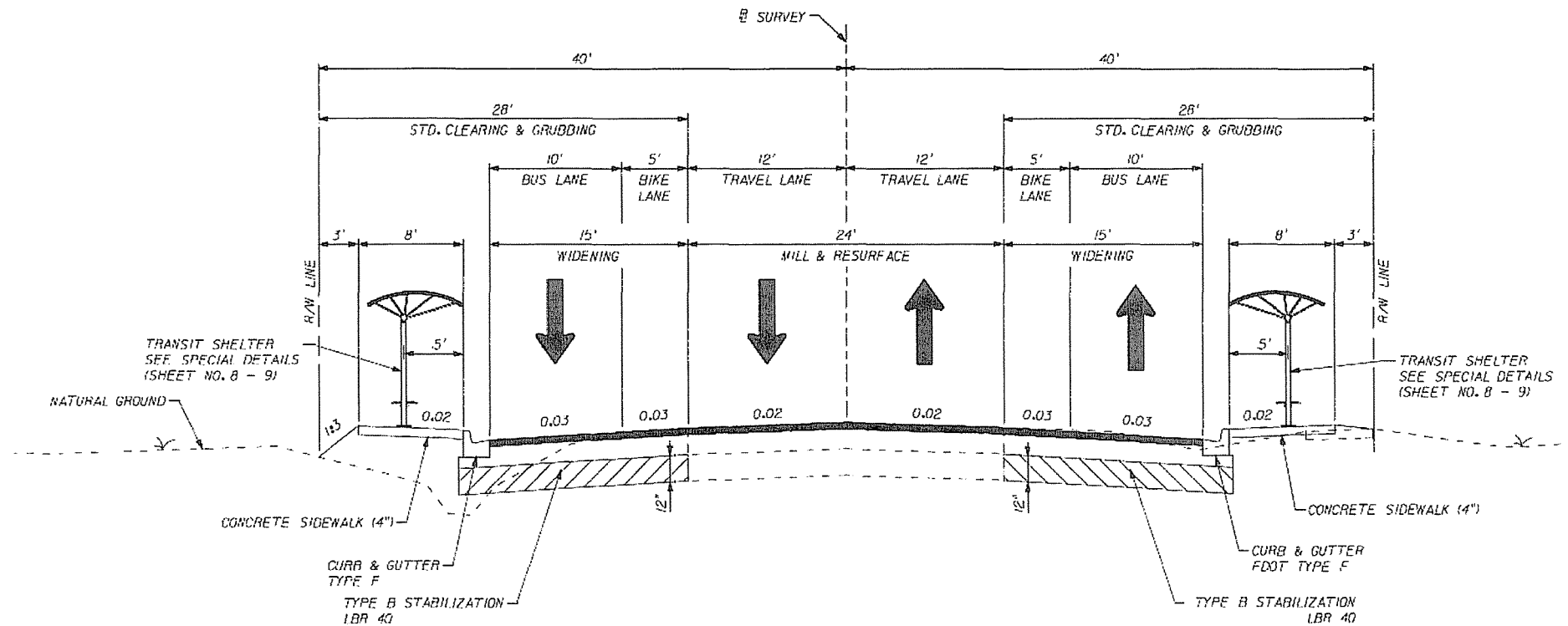


SW 20th Avenue Smart Bus Bay



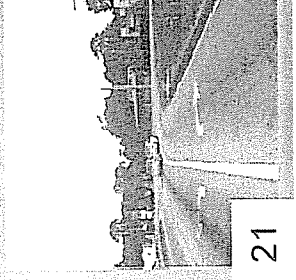
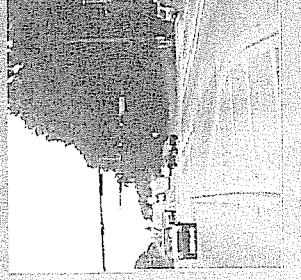
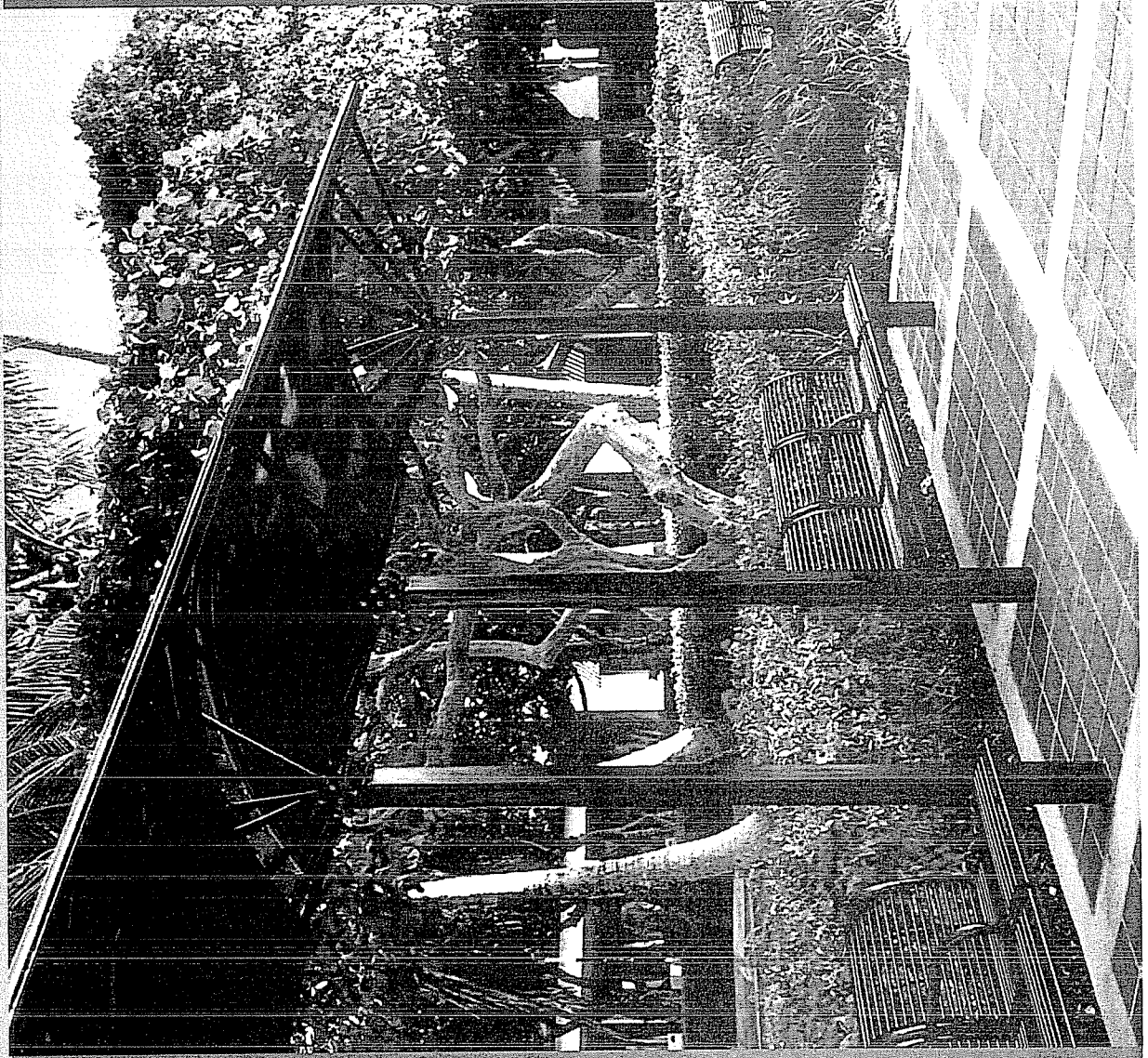
HNTB

Typical Section – Smart Bus Bay



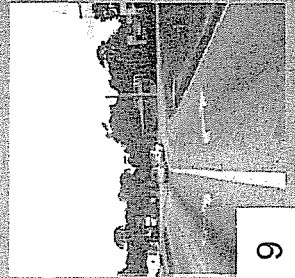
HNTB

Bus Shelter





Schedule



Nov Dec Jan Feb Mar Apr May

MTPO Review

90% Plans

Review

BOCC Presentation

Public Meeting

100% Plans

Review

Final Plans

Permitting

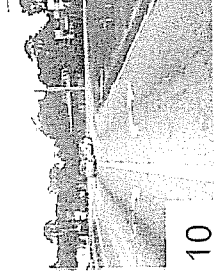
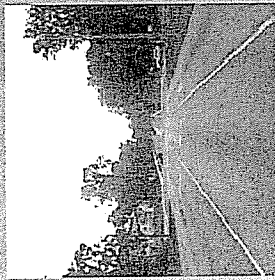
Advertisement

Construction Notice to Proceed – October 2010



Purpose/Recommendation

- **Recommendation**
 - Approve the 60% design plans as proposed and direct staff to proceed with the development of the 90% plans.
- **Interim Projects**
 - Southwest 40th Boulevard at Archer Road
 - Southwest 20th Avenue at Southwest 43rd Street
 - Smart Bus Bay



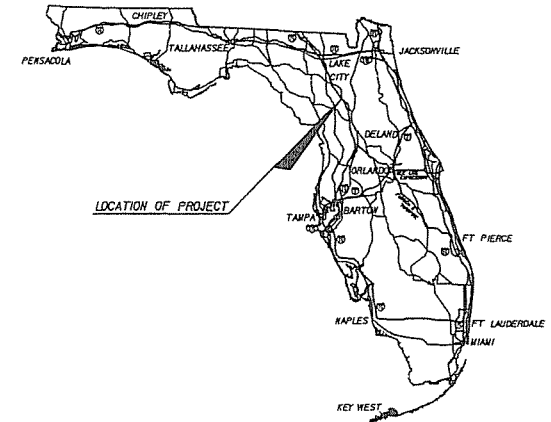
**ALACHUA COUNTY
PUBLIC WORKS DEPARTMENT**

CONTRACT PLANS

FINANCIAL PROJECT ID 211365-0-03
FEDERAL AID PROJECT NO. S124-002R
ALACHUA COUNTY (51240)
SW 40TH BOULEVARD AT ARCHER ROAD
INTERSECTION IMPROVEMENTS

**INDEX OF SIGNING AND
PAVEMENT MARKING PLANS**

SHEET NO.	SHEET DESCRIPTION
S-1	KEY SHEET
S-2	TABULATION OF QUANTITIES
S-3	GENERAL NOTES
S-4 TO S-8	SIGNING AND PAVEMENT MARKING PLAN



SIGNING AND PAVEMENT MARKING PLANS

ROADWAY SHOP DRAWINGS
TO BE SUBMITTED TO:

TERREL SHAW, P.E.
HNTB CORPORATION
7077 BONNEVAL ROAD
SUITE 600, LIBERTY CENTER
JACKSONVILLE, FL 32216
PHONE NO. (904) 296-0207
FAX NO. (904) 270-0260

PLANS PREPARED BY:

HNTB

HNTB CORPORATION
7077 BONNEVAL ROAD
SUITE 600, LIBERTY CENTER
JACKSONVILLE, FL 32216
PHONE NO. (904) 296-0207
FAX NO. (904) 270-0260
CERT. OF AUTH. NO. 6600

NOTE: THE SCALE OF THESE PLANS MAY
HAVE CHANGED DUE TO REPRODUCTION.

**PHASE II SUBMITTAL
SEPTEMBER 2009**

GOVERNING STANDARDS AND SPECIFICATIONS:
FLORIDA DEPARTMENT OF TRANSPORTATION,
DESIGN STANDARDS DATED 2008 AND
STANDARD SPECIFICATIONS FOR ROAD
AND BRIDGE CONSTRUCTION, DATED 2007,
AS AMENDED BY CONTRACT DOCUMENTS.

REVISIONS

KEY SHEET REVISIONS		
DATE	BY	DESCRIPTION

ROADWAY PLANS
ENGINEER OF RECORD: TERREL SHAW, P.E.

P.E. NO.: 50096

FISCAL YEAR	SHEET NO.
10	S-1

ALACHUA COUNTY PROJECT MANAGER: HA NGUYEN

EXHIBIT 2

TABULATION OF QUANTITIES

[illegible]

NOTE: PAY ITEM NO. 710-90. PAINTED PAVEMENT MARKINGS. SHALL BE PLACED AS PER PLAN FOR TEMPORARY PAVEMENT MARKINGS. QUANTITIES ARE AS PER THE CORRESPONDING THERMOPLASTIC PAVEMENT MARKINGS.

REVISIONS				ENGINEER OF RECORD: TERRELL SHAW, P.E. LIC. No. 60096 HNTB 7077 BONNEVAL ROAD, SUITE 600 LIBERTY CENTER JACKSONVILLE, FLORIDA 32216 PHONE: (904) 266-0207 FAX: (904) 266-0207	ALACHUA COUNTY PUBLIC WORKS DEPARTMENT			TABULATION OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		S-2
						ALACHUA	211365-0-03		

SIGNING AND PAVEMENT MARKING GENERAL NOTES

1. PAVEMENT MARKINGS SHALL BE PLACED AS SHOWN IN THE TRAFFIC DESIGN STANDARDS. SIGNING AND PAVEMENT MARKING SHALL BE INSTALLED IN ACCORDANCE WITH THE 2003 EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
2. ALL EXISTING ALACHUA COUNTY, CITY OF GAINESVILLE, OR RTA SIGNS THAT CONFLICT WITH CONSTRUCTION OPERATIONS SHALL BE REMOVED, STOCKPILED AND RELOCATED BY THE CONTRACTOR. SIGN REMOVAL SHALL BE DIRECTED BY THE PROJECT ENGINEER.
3. CAUTION SHALL BE EXERCISED WHILE RELOCATING EXISTING SIGNS TO PREVENT UNNECESSARY DAMAGE TO SIGNS. IF THE SIGNS ARE DAMAGED BEYOND USE, AS DETERMINED BY THE PROJECT ENGINEER, SIGNS SHALL BE REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
4. EXISTING SIGNS SHALL REMAIN UNLESS OTHERWISE NOTED.
5. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE NOTED IN THE PLANS. THE QUANTITIES FOR PAINTED PAVEMENT MARKINGS, INDICATED IN THE TABLE OF QUANTITIES ON SHEET S-2, SHALL BE PLACED AS PER PLAN FOR TEMPORARY PAVEMENT MARKINGS. THE QUANTITIES FOR TEMPORARY PAVEMENT MARKINGS SHALL CORRESPOND TO THE THERMOPLASTIC PAVEMENT MARKINGS.
6. PAINTED PAVEMENT MARKINGS SHALL BE APPLIED BEFORE ROADWAY IS OPENED TO TRAFFIC. THERMOPLASTIC PAVEMENT MARKINGS TO BE APPLIED A MINIMUM OF 30 DAYS AFTER THE FINAL PAVEMENT MARKINGS HAVE BEEN CONSTRUCTED.
7. REFER TO F.D.O.T DESIGN STANDARDS INDEX No 17352 FOR REFLECTIVE PAVEMENT MARKER PLACEMENT DETAILS.
8. THE SIGN LOCATIONS SHOWN ARE APPROXIMATE AND MAY REQUIRE FIELD ADJUSTMENT AS DIRECTED BY THE ENGINEER.
9. ALL ROUTE MARKER AUXILIARY PANELS SHALL MATCH THE COLOR COMBINATION OF THE RESPECTIVE MARKER WHICH THEY SUPPLEMENT.
10. ANY EXISTING SIGN TO REMAIN THAT IS DISTURBED DURING CONSTRUCTION OR RELOCATED SHALL BE RESET TO CURRENT STANDARDS FOR HEIGHT, OFFSET, AND METHOD OF INSTALLATION. COST OF THIS WORK SHALL BE AT CONTRACTOR'S EXPENSE.
11. THE CONTRACTOR SHALL MAINTAIN AND KEEP STREET NAME IDENTIFICATION SIGNS VISIBLE DURING CONSTRUCTION OPERATIONS IN ORDER TO FACILITATE EMERGENCY VEHICLE TRAFFIC.
12. EXISTING SIGN PANELS AND/OR SIGN ASSEMBLIES TO BE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND DISPOSED OF AT THE CONTRACTOR'S EXPENSE. REMOVED SIGNS SHALL BE STOCKPILED IN A SECURE LOCATION AWAY FROM TRAFFIC, AS DESIGNATED BY THE ENGINEER. ALL SIGN ASSEMBLIES SCHEDULED FOR REMOVAL SHALL BE REMOVED FROM THE PROJECT SITE BY THE CONTRACTOR WITHIN 48 HOURS OF REMOVAL.
13. MATCH EXISTING PAVEMENT MARKINGS AT THE BEGINING AND END OF PROJECT AND AT ALL SIDE STREETS.
14. ANY PAVEMENT MARKING DISTURBED OUTSIDE THE RESURFACING LIMITS DUE TO LOOP SAW CUT SHALL BE RESTRIPE AND THE COST SHALL BE INCLUDED AS PART OF LOOP INSTALLATION

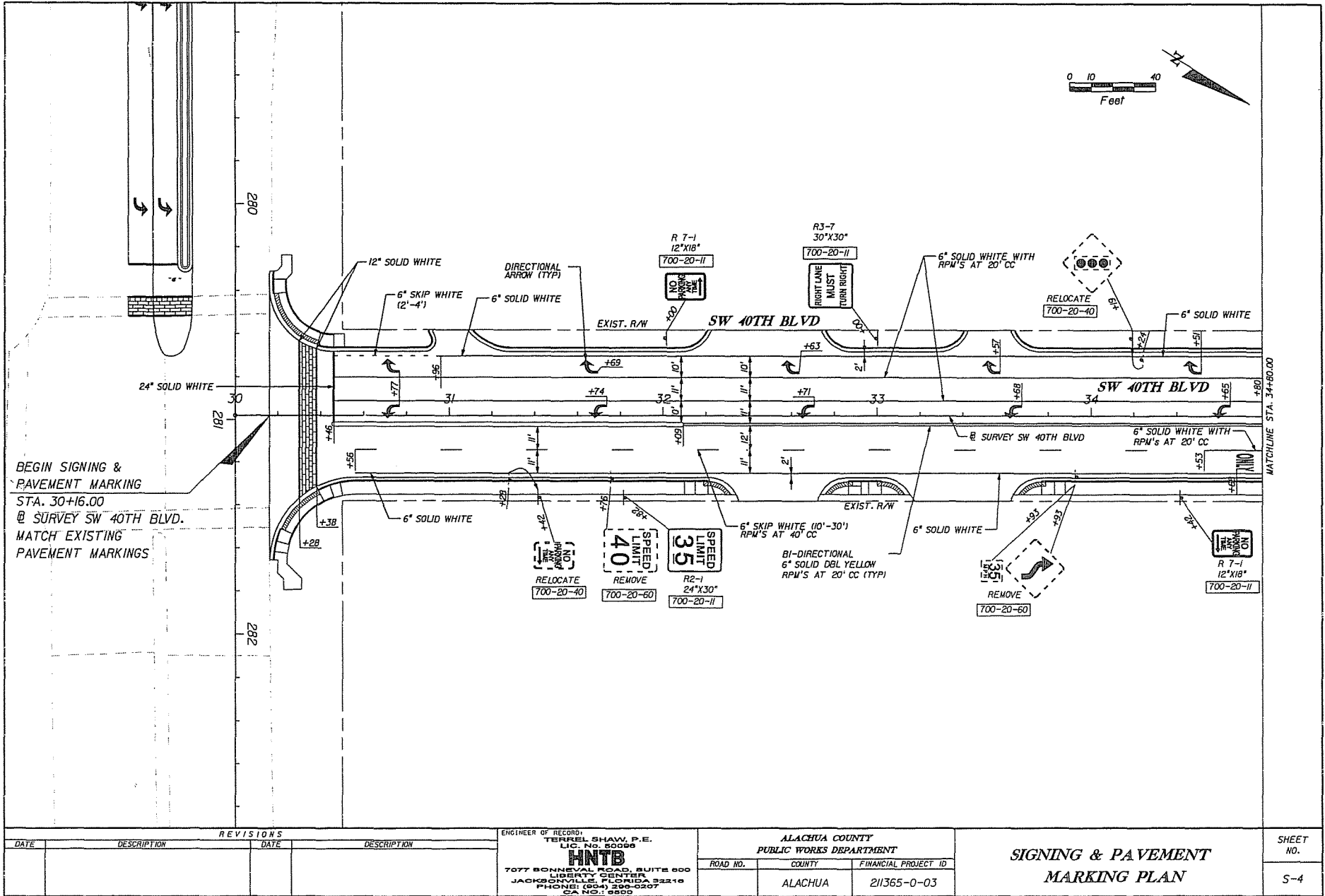
REVISIONS				ENGINEER OF RECORD: TERRELL SHAW, P.E. LIC. No. 60096 HNTB 7077 BONNEVAL ROAD, SUITE 600 LIBERTY CENTER JACKSONVILLE, FLORIDA 32216 PHONE: (904) 206-6207 FAX: (904) 206-6208	ALACHUA COUNTY PUBLIC WORKS DEPARTMENT			GENERAL NOTES	SHEET NO. S-3
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ALACHUA	211365-0-03		

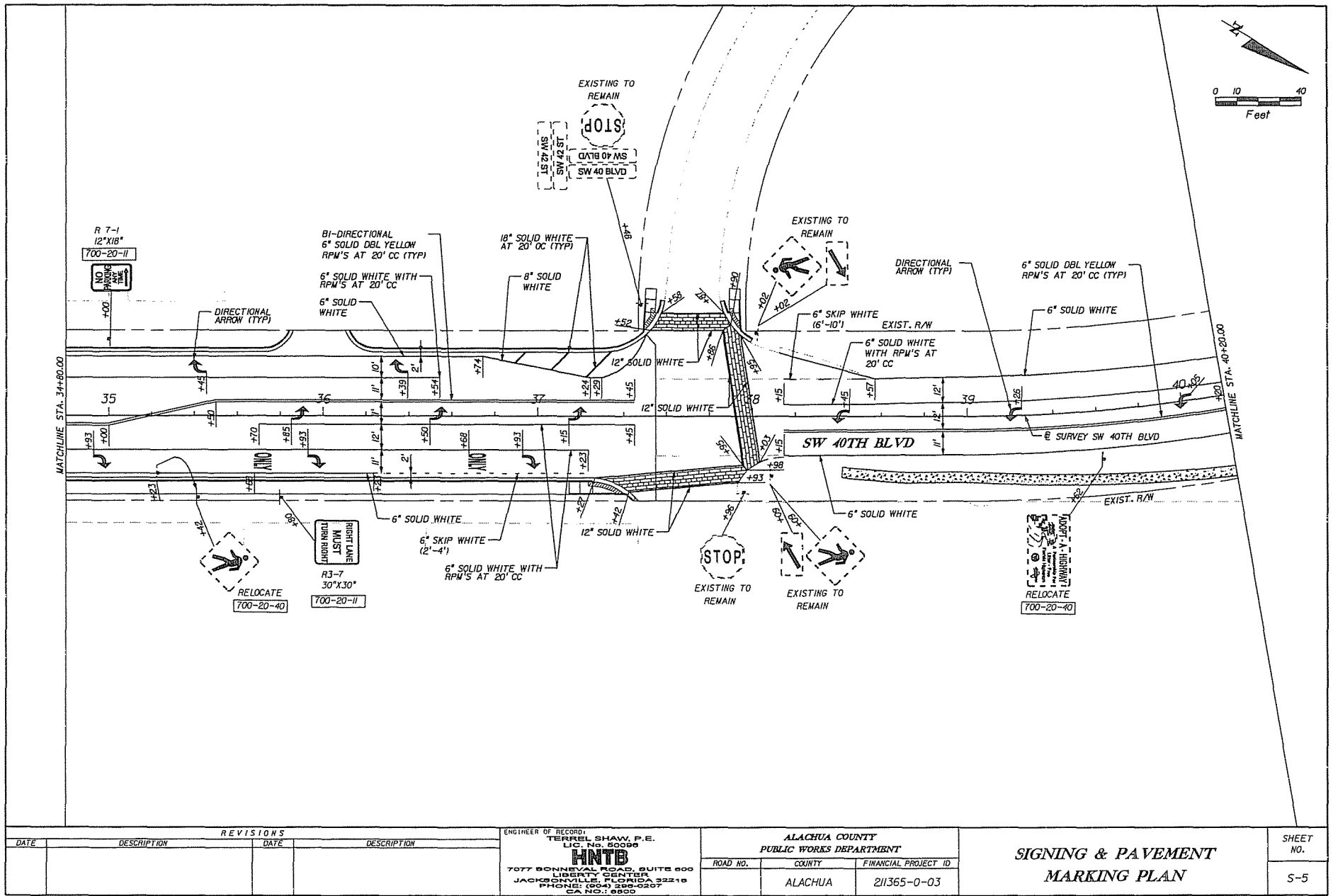
REVISED

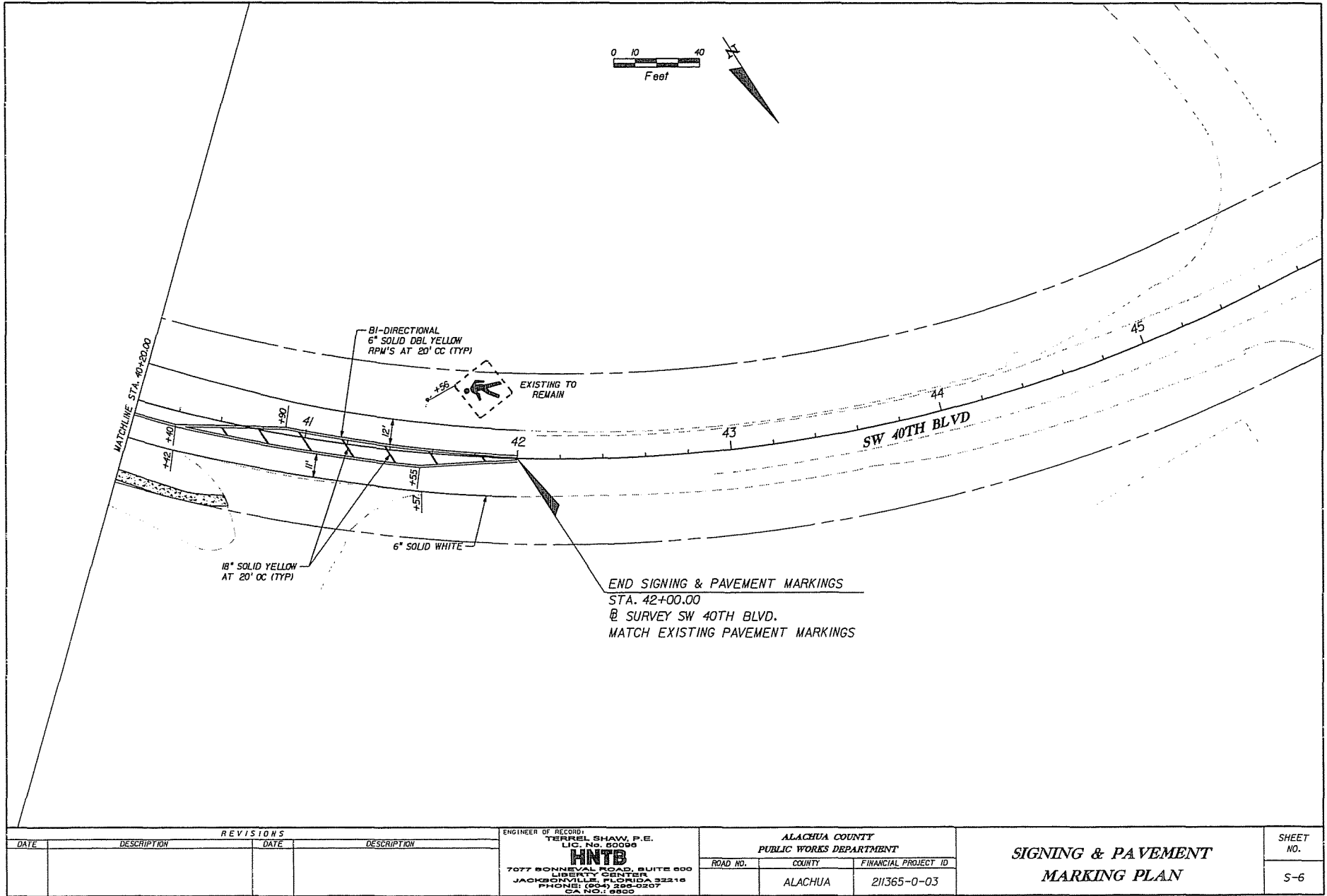
09/30/2003

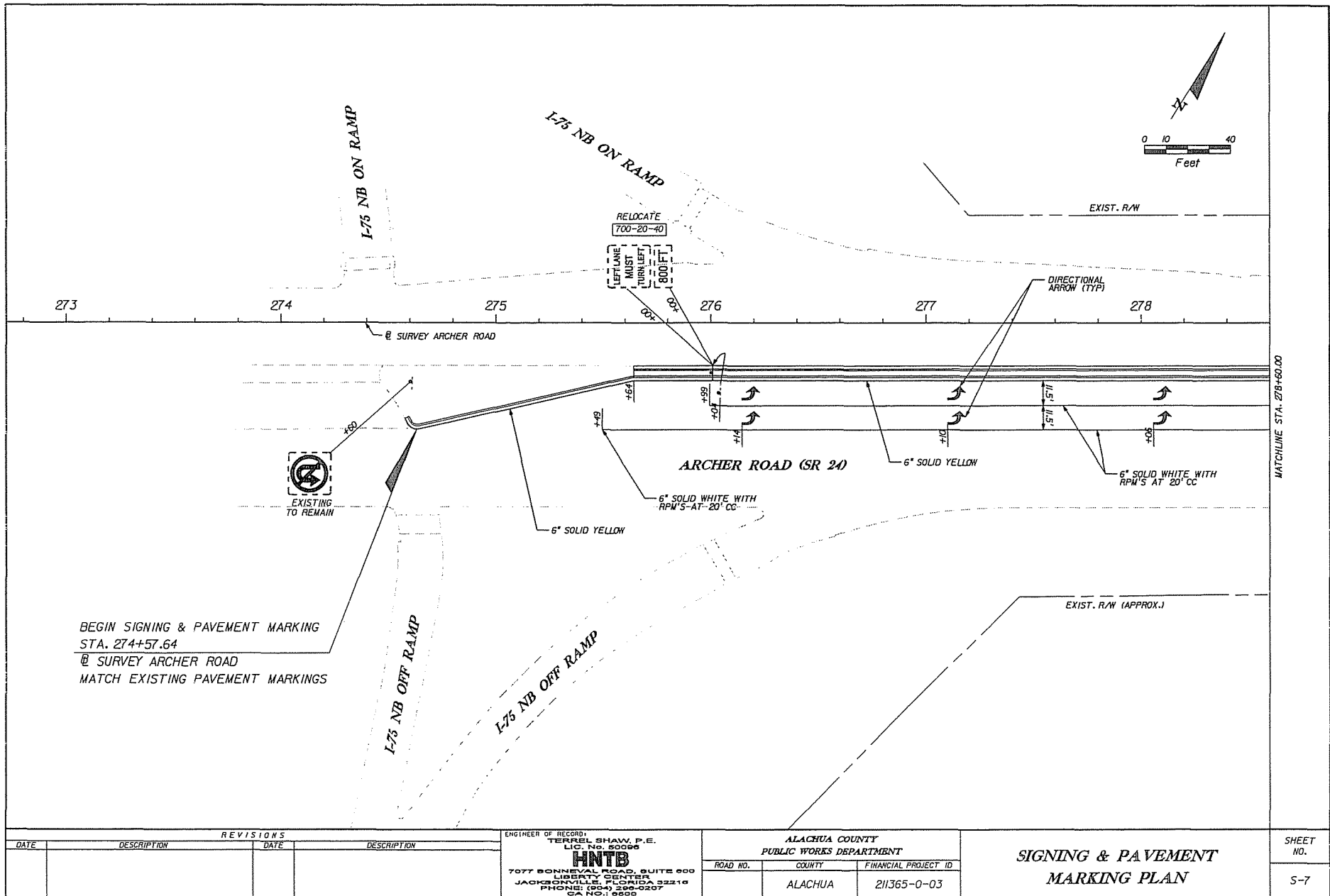
4:07:57 PM

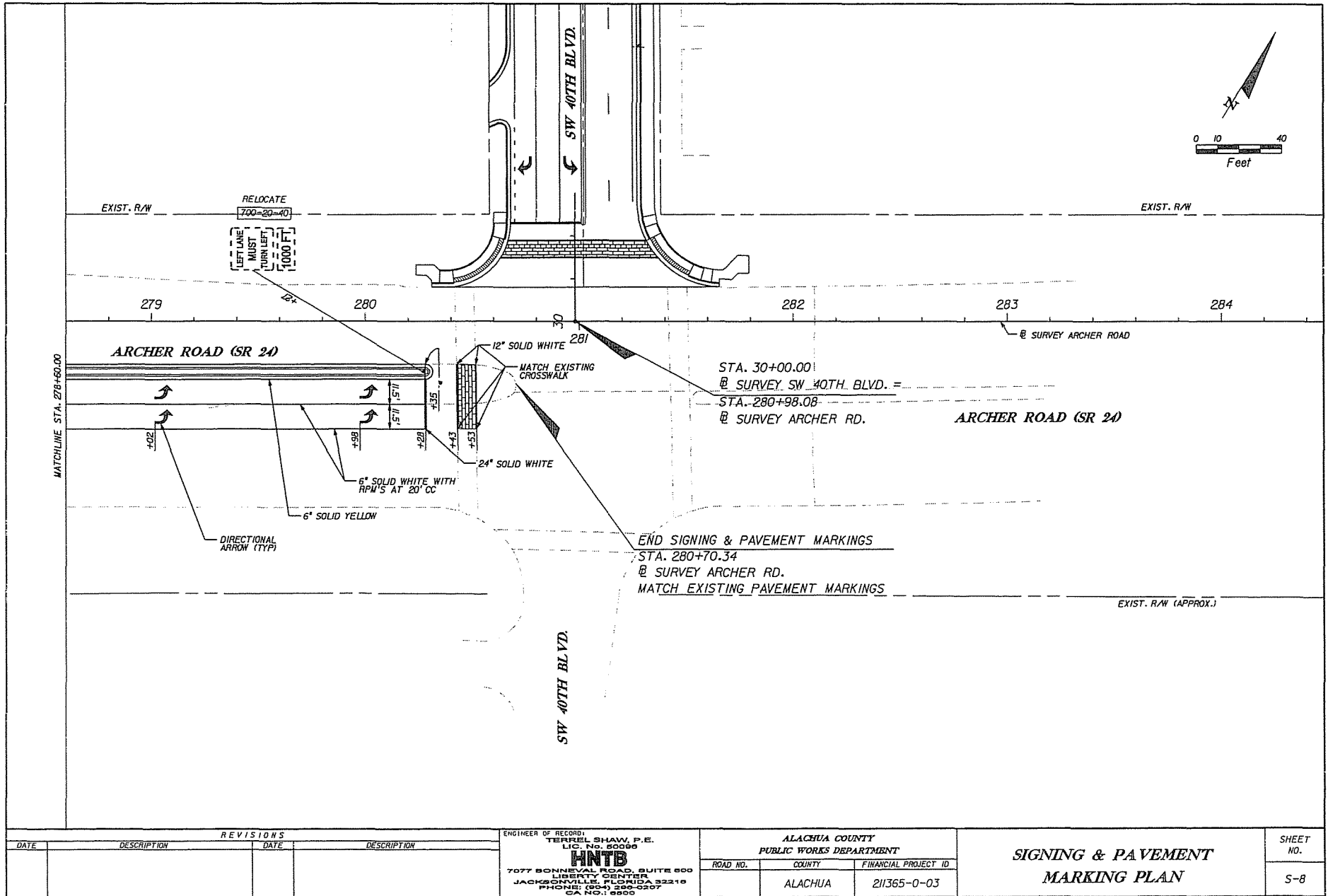
C:\NTSP\QJ.DGN











**ALACHUA COUNTY
PUBLIC WORKS DEPARTMENT**

CONTRACT PLANS

FINANCIAL PROJECT ID 211365-0-03
FEDERAL AID PROJECT NO. S124-002R
ALACHUA COUNTY (51240)
ARCHER ROAD AT SW 40TH BOULEVARD
INTERSECTION IMPROVEMENTS

SIGNALIZATION PLANS

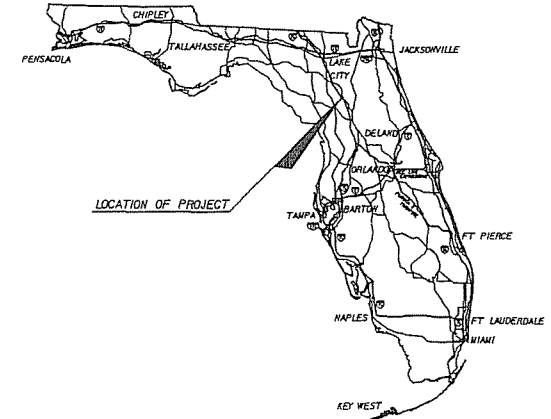
INDEX OF SIGNALIZATION PLANS

SHEET NO.	SHEET DESCRIPTION
T-1	KEY SHEET
T-2	TABULATION OF QUANTITIES
T-3	GENERAL NOTES
T-4	SIGNALIZATION PLANS
T-5	MAST ARM TABULATION
T-6	TABLE OF VARIABLES FOR MAST ARM ASSEMBLIES
T-7	TRAFFIC SIGNAL DETAILS
T-8	GUIDESIGN WORKSHEET

GOVERNING STANDARDS AND SPECIFICATIONS:
FLORIDA DEPARTMENT OF TRANSPORTATION,
DESIGN STANDARDS DATED 2010,
AND STANDARD SPECIFICATIONS FOR ROAD AND
BRIDGE CONSTRUCTION DATED 2007,
AS AMENDED BY CONTRACT DOCUMENTS.

APPLICABLE DESIGN STANDARDS MODIFICATIONS: TBA
For Design Standards modifications click on:
<https://www.dot.state.fl.us/rddesign/>

REVISIONS



SIGNALIZATION SHOP DRAWINGS
TO BE SUBMITTED TO:

STEVEN D. MIKESELL, P.E.
HNTB CORPORATION
7077 BONNEVAL ROAD
SUITE 600, LIBERTY CENTER
JACKSONVILLE, FL 32216
PHONE NO. (904) 298-0207
FAX NO. (904) 279-0280

PLANS PREPARED BY:

HNTB

HNTB CORPORATION
7077 BONNEVAL ROAD
SUITE 600, LIBERTY CENTER
JACKSONVILLE, FL 32216
PHONE NO. (904) 298-0207
FAX NO. (904) 279-0280
CERT. OF AUTH. NO. 6500

NOTE: THE SCALE OF THESE PLANS MAY
HAVE CHANGED DUE TO REPRODUCTION.

**PHASE II SUBMITTAL
SEPTEMBER 2009**

SIGNALIZATION PLANS
ENGINEER OF RECORD: STEVEN D. MIKESELL, P.E.

P.E. NO. 58703

FISCAL YEAR	SHEET NO.
10	T-1

ALACHUA COUNTY PROJECT MANAGER: HA NGUYEN, P.E.

SENTHIL MANIAN

5/25/2009

5:44:27 PM

\\jenn001\server\1\003\43689_S11_62nd Blvd\redprod_intel\m\Projects\CADD\05-400_S114016-Arc

TABULATION OF QUANTITIES

BID ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBER																		TOTAL THIS SHEET	GRAND TOTAL
			T-4																			
			ORIGINAL	FINAL	ORIGINAL	FINAL	ORIGINAL	FINAL	ORIGINAL	FINAL	ORIGINAL	FINAL	ORIGINAL	FINAL	ORIGINAL	FINAL	ORIGINAL	FINAL	ORIGINAL	FINAL		
630-1-12	CONDUIT-SIGNALS, F&I, UNDERGROUND	LF																				
630-1-14	CONDUIT-SIGNALS, F&I, UNDERGROUND-JACKED	LF																				
632-7-1	CABLE-SIGNALS, F&I	PI																				
635-1-11	PULL BOXES, F&I	EA																				
635-1-16	PULL BOXES, F&I, SPECIAL	EA																				
639-1-22	SIGNALS- ELECTRICAL POWER SERVICE (UNDERGROUND)	AS																				
639-2-1	SIGNALS- ELECTRICAL SERVICE WIRE	LF																				
649-3X-XXX	MAST ARM ASSEMBLY (XI, XII) WO/ LUM	EA																				
650-51-311	TRAFFIC SIGNAL (3-SECTION, 1-WAY) (LEDXSTD)	AS																				
650-51-511	TRAFFIC SIGNAL (5-SECTION, 1-WAY) (LEDXSTD)	AS																				
653-191	PEDESTRIAN SIGNALS (LED) (1-WAY COUNT DOWN)	AS																				
653-192	PEDESTRIAN SIGNALS (LED) (2-WAY COUNT DOWN)	AS																				
659-101	SIGNAL HEAD AUXILIARIES, F&I, BACK PLATE, 3 SECTION	EA																				
659-108	SIGNAL HEAD AUXILIARIES, F&I, STEEL PEDESTAL	EA																				
659-118	SIGNAL HEAD AUXILIARIES, F&I, BACK PLATE, 5 SECTION	EA																				
660-1-109	LOOP DETECTOR, INDUCTIVE, F&I, TYPE 9	EA																				
660-1-110	LOOP DETECTOR, INDUCTIVE, F&I, TYPE 10	EA																				
660-2-106	LOOP ASSEMBLY, F&I, TYPE F - 6'X30'	AS																				
663-74-12	VEHICLE DETECTOR ASSEMBLIES, F&I, INFRARED	EA																				
665-11	PEDESTRIAN DETECTOR, F&I	EA																				
670-5-111	TRAFFIC CONTROLLER ASSEMBLY (NAZTEC, TS-2, TYPE 1, MODEL 980)	AS																				
685-128	SYSTEM AUXILIARIES (INTERFACE PANEL)	EA																				
685-140	SYSTEM AUXILIARIES (FIBER OPTIC, MODULATOR/DEMODULATOR)	EA																				
690-10	TRAFFIC SIGNAL HEAD ASSEMBLY, REMOVAL	EA																				
690-20	SIGNAL PEDESTRIAN ASSEMBLY, REMOVE	EA																				
690-33-1	POLE REMOVAL- DEEP	LF																				
690-50	CONTROLLER ASSEMBLY- REMOVE	EA																				
690-70	DETECTOR PEDESTRIAN ASSEMBLY, REMOVE	EA																				
690-80	SPAN WIRE ASSEMBLY REMOVE	EA																				
690-90	REMOVE CONDUIT & CABLING	PI																				
700-46-15	EXISTING SIGN, REMOVE, SPAN WIRE	AS																				
700-48-18	SIGN PANEL, INSTALL (15 or LESS SQ FT)	EA																				

REVISIONS				ENGINEER OF RECORD STEVEN D. MIKESSELL, P.E. FL LIC. No. 68703 HNTB 7077 BONNEVAL ROAD, SUITE 600 LIBERTY CENTER JACKSONVILLE, FLORIDA 32218 PHONE: (904) 290-0207 CA NO. 16800	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TABULATION OF QUANTITIES	SHEET NO. T-2
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ALACHUA	211365-0-03		

GENERAL NOTES:

1. THE CONTRACTOR SHALL NOTIFY THE CITY OF GAINESVILLE TRAFFIC OPERATION DEPARTMENT WR. TRAVIS LAW AT (352) 334-2555, AT LEAST 24 HOURS IN ADVANCE OF SETUP OF LOOP DETECTION ZONES SO HE MAY OBSERVE THEIR INSTALLATION IF HE SO DESIRES.
2. IT SHOULD BE NOTED NO TEST BORINGS WERE MADE WHERE CONDUIT RUNS ARE TO BE INSTALLED BY JACKING OR TRENCHING. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO EXAMINE THE JOB SITE CONDITIONS BEFORE SUBMITTING BID PROPOSALS IN ACCORDANCE WITH SECTION 2-4 OF THE FOOT SPECIFICATIONS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF EXISTING UTILITIES, BOTH HORIZONTAL AND VERTICAL PRIOR TO ANY BORES AT THE DIRECTION OF THE ENGINEER. THIS SHOULD BE PERFORMED BY VACUUM EXCAVATION OR COMPARABLE NON DESTRUCTIVE EQUIPMENT. ALL RIGHT-OF-WAY SHALL BE RESTORED TO THE CONDITION WHICH EXISTED PRIOR TO THE BORE.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE COMPANY PROVIDING ELECTRICAL POWER TO DETERMINE IF A SERVICE PROCESSING FEE IS REQUIRED. IF REQUIRED, FEE SHALL BE INCLUDED AS PART OF PAYMENT FOR ELECTRICAL POWER SERVICE ASSEMBLY.
5. THE CONTRACTOR SHALL VERIFY THE COLOR CODES OF THE SIGNAL CABLE WITH THE CITY OF GAINESVILLE BEFORE ORDERING.
6. THE CONTRACTOR SHALL PROVIDE A TWO MAN BUCKET TRUCK AND ASSIST THE FOOT INSPECTOR IN PHYSICALLY EXAMINING EACH SIGNAL HEAD THE SAME DAY IT IS ERECTED.
7. CONCRETE AREAS DISTURBED BY THE INSTALLATION OF PULL BOXES, "A-FRAMES", CONTROLLER CABINETS, SIGNAL WAST ARMS/POLES AND PEDESTRIAN POLES SHALL BE REPLACED. REPLACEMENT SHALL BE TO THE NEAREST EXPANSION JOINT.
8. NO POLYCARBONATE HOUSING OR MOUNTING HARDWARE WILL BE PERMITTED FOR VEHICULAR OR PEDESTRIAN SIGNAL HEAD ASSEMBLIES. ALL INDICATIONS FOR VEHICULAR AND PEDESTRIAN SIGNAL HEAD ASSEMBLIES SHALL BE LED.
9. ALL CONDUIT SHALL BE 2" MINIMUM UNLESS OTHERWISE SPECIFIED IN PLANS, EXCEPT ELECTRICAL POWER SERVICE DUCT.
10. PAYMENT FOR ELECTRICAL SERVICE WIRE NOT IN THE VERTICAL ASSEMBLY WILL BE PAID FOR PER LINEAR FOOT OF A SINGLE CONDUCTOR.
11. A MANUAL PUSH BUTTON CORD SHALL BE FURNISHED IN ALL CONTROLLER CABINETS.
12. DELAY TIMES FOR LOOPS MARKED "DELAY" SHALL BE SET TO 5 SECONDS.
13. DURING PRE-EMPTION, ALL DIRECTIONS SHALL BE RED WITH THE EXCEPTION OF THE APPROACH DIRECTION, WHICH SHALL BE GREEN.
14. UNLESS SPECIFIED OTHERWISE, ALL PULL BOX COVERS TO BE FURNISHED AND INSTALLED SHALL BE NON-METALLIC.
15. AS DIRECTED BY THE PROJECT ENGINEER, THE CONTRACTOR SHALL ADJUST CONDUIT & PULL BOXES HORIZONTALLY AND/OR VERTICALLY IN ORDER TO AVOID ANY POSSIBLE CONFLICTS WITH UNDERGROUND UTILITIES.
16. ALL FIELD WIRING SHALL BE NEATLY BUNDLED AND CLEARLY IDENTIFIED WITH PERMANENT, LEGIBLE, WEATHERPROOF TAGS THAT ARE SECURELY ATTACHED TO EACH CABLE. THE TAGGING SYSTEM PROPOSED SHALL BE SUBMITTED FOR APPROVAL WITH THE OTHER EQUIPMENT SUBMITTALS REQUIRED FOR THIS PROJECT.
17. ALL SIGNAL EQUIPMENT THAT IS REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN A PLACE PROVIDED BY THE CONTRACTOR UNLESS OTHERWISE NOTED IN THE PLANS.
18. IF REQUIRED, THE CONTRACTOR SHALL PROVIDE THE NECESSARY EQUIPMENT FOR SUPPORTING EXISTING UTILITY AND/OR SIGNAL POLES DURING CONSTRUCTION OF NEW WAST ARMS AND WAST ARM FOUNDATIONS. THE CONTRACTOR SHALL COORDINATE THIS EFFORT WITH THE UTILITY COMPANIES AND/OR THE LOCAL MAINTAINING AGENCY. PAYMENT TO BE INCLUDED IN THE ASSOCIATED WAST ARM PAY ITEM NUMBER.
19. ALL PEDESTRIAN SIGNAL INDICATIONS SHALL BE COUNT-DOWN PEDESTRIAN SIGNAL INDICATIONS AND ALL PEDESTRIAN SIGNALS SHALL HAVE INTERNATIONAL SYMBOLS AND BE COUNT-DOWN.
20. WHEN JACKING CONDUIT UNDER PAVEMENT THE CONTRACTOR MAY USE A FOOT APPROVED GUIDED BORING SYSTEM AS AN ALTERNATE METHOD OF CONSTRUCTION, AN ACCEPTABLE METHOD IS THE DITCH WITCH JET-TRAC OR EQUIVALENT.
21. WHEN THE CONTRACTOR IS REMOVING EXISTING TWISTED PAIR CABLE AND/OR RUNNING NEW FIBER OPTIC CABLE THE CONTRACTOR SHALL TAKE EVERY PRECAUTION SO NOT TO DAMAGE ANY EXISTING FIBER OPTIC CABLE STILL IN SERVICE. DAMAGED FIBER OPTIC CABLE SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
22. AN EXCAVATION EXCEEDING 18 INCHES SHALL BE DONE BY HAND WITHIN 5 FEET OF ANY FIELD LOCATED UNDERGROUND UTILITY.
23. WHEN A CONTRACTOR IS WORKING ON SIGNAL WORK IN AN INTERSECTION (INSTALLING CONDUIT IN THE STREET, REMOVING EXISTING SIGNAL EQUIPMENT, INSTALLING NEW SIGNAL EQUIPMENT AND RUNS AND TURNING ON OF NEW SIGNALS) WHERE A LAKE IS TO BE CLOSED, AN OFF-DUTY LAW ENFORCEMENT OFFICER SHALL DIRECT TRAFFIC. THE HOURLY RATE OF PAY FOR AN OFF-DUTY LAW ENFORCEMENT OFFICER CAN BE OBTAINED FROM THE OFFICE OF THE LAW ENFORCEMENT OFFICER. THIS COST SHALL BE INCLUDED IN PAY ITEM 102-1(WOT).
24. MAINTAINENCE OF TRAFFIC SHALL CONFORM TO FOOT DESIGN STANDARDS.
25. ALL TYPE-F LOOPS SHALL BE 6' X 30' AND THE FRONT OF THE LOOP SHALL EXTEND 5 FEET IN FRONT OF THE STOP BAR UNLESS OTHERWISE NOTED IN THE PLANS.
26. THE CONTRACTOR SHALL NOTIFY THE SUNSHINE STATE ONE CALL AT 1-800-432-4770 AND THE APPROPRIATE UTILITY COMPANIES LISTED IN THE TABLE BELOW AT LEAST 2 FULL BUSINESS DAYS IN ADVANCE OF POLE CONSTRUCTION OPERATIONS WHERE CONFLICT WITH UNDERGROUND UTILITIES OR OVERHEAD ELECTRICAL CONDUCTORS IS EXPECTED AND IN ALL CASES WHERE JOINT USE POLES ARE CALLED FOR.

CLAY ELECTRIC	STEVE LAW	352-337-8115
COX COMMUNICATIONS	GARY HARNELL	352-337-2052
GRU WASTEWATER /WATER	JASON SPARKS	352-393-9142
GRU ELECTRIC	WALLY SEALEY	352-334-3400 EXT 6056
GRU GAS	MIKE BROWN	352-393-1466
AT&T	EVERETT SPARKS	352-331-9147

SPECIAL NOTES:

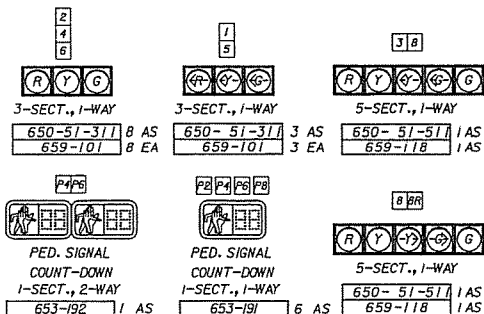
1. THE COST OF FURNISHING AND INSTALLING THE FTP-68B-06 (INTERNATIONAL) SIGNS SHALL BE INCLUDED IN PAY ITEM NO. 665-11.
2. SIGNAL PEDESTAL AND SIGNAL POLE STATOWING AND OFFSETS MAY REQUIRE MINOR ADJUSTMENTS IN THE FIELD TO ENSURE HORIZONTAL CLEARANCE FROM FACE OF CURB TO CLOSEST SURFACE OF POLE AND WITHIN ROADWAY RIGHT-OF-WAY AND TO MAINTAIN A 4.0' MINIMUM SIDEWALK WIDTH. ANY RELOCATED POLES SHALL BE PLACED TO PROVIDE THE MAXIMUM SIDEWALK CLEARANCE POSSIBLE WITHIN ROADWAY RIGHT-OF-WAY.
3. CONTRACTOR TO HAND DIG THE FIRST 4.0' OF POLE FOUNDATIONS AND CONTACT THE APPROPRIATE UTILITY COMPANIES FOR LOCATES 2 FULL BUSINESS DAYS PRIOR TO ANY EXCAVATION.
4. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL WAST ARM AND ROADWAY ELEVATIONS PRIOR TO FABRICATING WAST ARMS.
5. THE CONTRACTOR IS TO PROVIDE THREE ADDITIONAL CONDUIT RUNS PULLED AND CAPPED FROM THE CONTROLLER TO THE NEAREST PULL BOXES.
6. ALL PEDESTRIAN PHASES TO BE PUSH BUTTON ACTUATED WITH SOLID STATE SWITCH, MOMENTARY LED AND TONE (EX. BULLDOG PUSHBUTTON).
7. THE CONTRACTOR SHALL CONTACT PHILIP MANN, (352) 334-5074, AT THE CITY OF GAINESVILLE TRAFFIC OPS DEPARTMENT TO OBTAIN A COLOR CHIP FOR THE PAINTING OF PEDESTRIAN POLES AND WAST ARM POLES. THE BRAND OF PAINT SHALL BE DETERMINED BY THE POLE MANUFACTURER. PAINT SHALL BE APPLIED PER SPECIFICATION 649 AND 563.
8. ANY REQUIRED FIELD TOUCH-UP OF PAINTED SURFACES SHALL BE IDENTIFIED BY THE FOOT ENGINEER. ALL PAINT APPLIED IN THE FIELD SHALL BE DONE WITH BRUSH, ROLLER OR GLOVE. NO SPRAY PAINTING SHALL BE ALLOWED.
9. INTERCONNECT/FIBER OPTIC CABLE AND SIGNAL CABLE ARE TO BE PLACED IN SEPARATE CONDUITS AND PULL BOXES.
10. FINAL SIGNAL POLE PLACEMENT SHALL BE A MINIMUM OF 6' FROM ALL OVERHEAD UTILITIES.
11. SIGNAL HEADS SHALL BE LOCATED AS SHOWN IN THE PLANS. A MINIMUM OF 8' HORIZONTAL SEPARATION BETWEEN SIGNAL HEADS SHALL BE MAINTAINED FOR EACH MOVEMENT.
12. ALL ASTRO BRACKETS SHALL ARTICULATE AND HAVE BUILT INTO THE HOUSING A 12" (MINIMUM) CONDUCTOR TERMINAL STRIP, PELCO MODEL #AB012 OR APPROVED EQUIVALENT.
13. THE CONTRACTOR SHALL VERIFY STREET NAME SIGN MESSAGES PRIOR TO FABRICATION. BLOCK NUMBERS AND/OR ARROWS MAY BE REQUIRED.
14. MAXIMUM SIGNAL TIMINGS, PRE-EMPTION TIMINGS AND SYSTEM TIMINGS ARE TO BE PROVIDED BY THE CITY OF GAINESVILLE. CONTACT PHILIP MANN AT THE CITY OF GAINESVILLE TRAFFIC OPS DEPARTMENT, (352) 334-5074, FOR THE REQUIRED INFORMATION.
15. IN ADDITION TO THE REQUIREMENTS SET FORTH IN THE FOOT SPECIFICATIONS, ELECTRICAL POWER SERVICE IS TO INCLUDE CONSTRUCTING WATER/DISCONNECT FRAME STAND PER DETAIL SHOWN ON THE TRAFFIC SIGNAL DETAILS SHEET. HEIGHT OF THE A-FRAME TO BE DETERMINED BASED UPON THE HEIGHT REQUIREMENTS FROM THE POWER COMPANY FOR THE DISCONNECT.
16. PAY ITEM NO. 639-1-22 SHALL INCLUDE PAYMENT FOR THE 'A' FRAME DISCONNECT DETAILED IN THE PLANS.
17. WHERE MULTIPLE CONDUIT RUNS CROSS THE MAINLINE AND/OR SIDE STREET, THE FIRST RUN ACROSS EACH LEG SHALL BE PAID FOR UNDER PAY ITEM 630-1-14. EACH ADDITIONAL RUN SHALL BE PAID FOR UNDER PAY ITEM 630-1-12.
18. PAYMENT FOR POWER SERVICE PULL BOXES TO BE INCLUDED UNDER PAY ITEM NO. 635-1-11.
19. THE CONTRACTOR SHALL ADJUST, AS DIRECTED BY THE ENGINEER, THE LOCATIONS OF THE SIGNAL WAST ARMS/POLES, CONDUITS, PULL BOXES, ETC. TO AVOID ANY UTILITY CONFLICTS.
20. PAY ITEM NUMBER 670-5-111 SHALL INCLUDE NAZTEC TYPE-VI CONTROLLER CABINET W/ETHERNET, NAZTEC TS-2 TYPE-1 (NEW) CONTROLLER, GENERATOR PLUG, CISCO INDUSTRIAL SWITCH AND LED HWU.
21. PAY ITEM NO. 663-74-12 SHALL INCLUDE AN URBAN AREA PREEMPTION SYSTEM. THIS SYSTEM SHALL BE FULLY COMPATIBLE WITH THE EXISTING CITY OF GAINESVILLE PREEMPTION SYSTEM (3M OPTCON). ALL NECESSARY EQUIPMENT SHALL BE PAID FOR UNDER THIS BID ITEM NUMBER. NECESSARY EQUIPMENT SHALL INCLUDE BUT NOT BE LIMITED TO:
 - 3M OPTCON PHASE SELECTOR MODEL 754 CHANNELS,
 - 3M OPTCON MODEL 757 AUXILIARY DETECTOR GREEN SENSE HARNESS,
 - 3M OPTCON DETECTOR CABLE MODEL 130 (APPROXIMATELY 200 FEET PER RUN),
 - 3M OPTCON DETECTOR MODELS 711, 721 OR 722 DEPENDING ON INTERSECTION LAYOUT.
 THE CONTRACTOR SHALL SEEK FINAL DETECTOR PLACEMENT APPROVAL FROM THE CITY OF GAINESVILLE TRAFFIC OPERATIONS SECTION BEFORE BIDDING AND INSTALLATION. CITY OF GAINESVILLE TRAFFIC OPERATIONS CAN BE CONTACTED AT (352) 334-2555.

REVISIONS				ENGINEER OF RECORD: STEVEN D. MIKESSELL, P.E. FL LIC. NO. 69703 HNTB 7077 BONNEVAL ROAD, SUITE 600 LIBERTY CENTER JACKSONVILLE, FLORIDA 32218 PHONE: (904) 296-0207 FAX: (904) 296-0209	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. T-3
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						ALACHUA	211365-0-03	

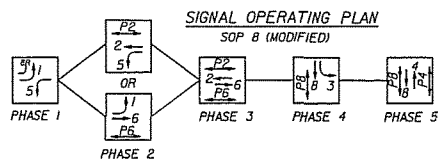
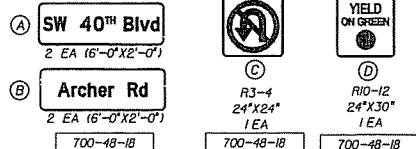
GENERAL NOTES

SENTHIL MANIAN 9/25/2009 5:46:00 PM \\jason001\mport\025\43689_S\H 6400 Bldg\Tech\proj\InterIn\Projects\CAD\05-400_S\H 401-Archer\signs\GNWT5029.DGN

SIGNAL HEAD DETAILS



OVERHEAD SIGNS



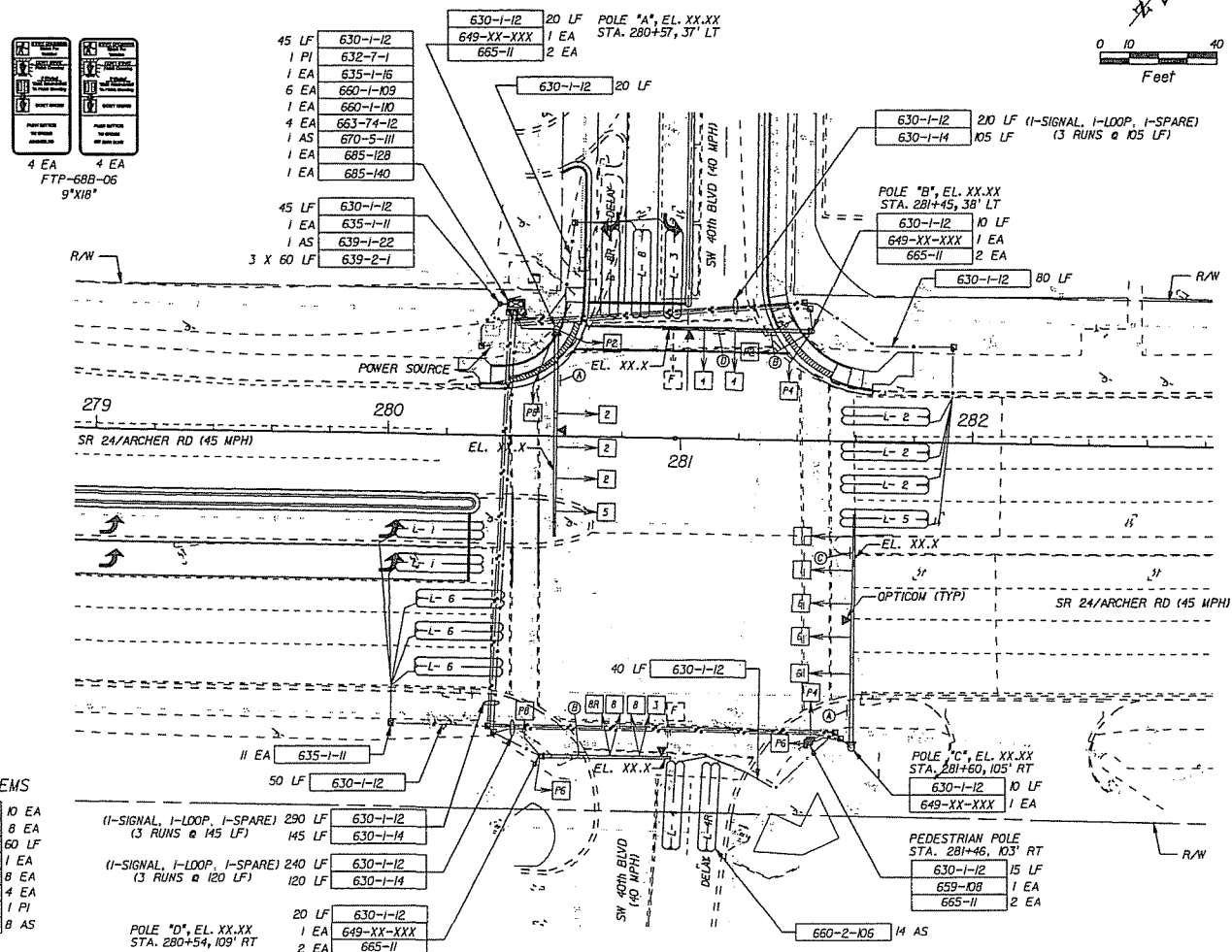
CONTROLLER TIMINGS									
TIMING FUNCTION									
MOVEMENT NUMBER		1	2	3	4	5	6	7	8
TIMING FUNCTION	MINIMUM GREEN	4	15	4	4	15	-	4	
	EXTENSION	3.0	3.0	3.0	3.0	3.0	-	3.0	
	MAXIMUM GREEN 1	20	40	15	30	20	40	-	30
	MAXIMUM GREEN 2	20	40	15	30	20	40	-	30
	YELLOW CLEARANCE	4.0	4.5	4.0	4.0	4.0	4.5	-	4.0
	ALL RED	1.0	1.0	1.0	1.0	1.0	1.0	-	1.0
	PEDESTRIAN WALK	-	7	-	7	-	7	-	7
	PED. CLEARANCE	-	20	-	32	-	20	-	33
	DETECTOR FUNCTION	NL	LOCK	NL	NL	NL	LOCK	-	NL
RECALL	-	MIN	-	-	-	MIN	-	-	

REMOVAL ITEMS

690-10	10 EA
690-20	8 EA
690-33- <i>i</i>	60 LF
690-50	1 EA
690-70	8 EA
690-80	4 EA
690-90	1 PI
700-46-15	8 AS

NOTES:

1. THE MAJOR STREET IS ARCHER ROAD (MOVEMENTS 2 & 6). THE SPEED LIMIT ON ARCHER ROAD IS 45 MPH. THE MINOR STREET IS SW 40TH BLVD.
2. ANY PAVEMENT MARKING DISTURBED OUTSIDE THE RESURFACING LIMITS DUE TO LOOP SAW CUT SHALL BE RESTRIPEDED AND THE COST SHALL BE INCLUDED AS PART OF LOOP INSTALLATION.
3. EXISTING SIGNAL COMMUNICATION FIBER OPTIC RUN SHALL BE REDIRECTED INTO THE PROPOSED SIGNAL CABINET AS DIRECTED BY THE CITY OF GAINESVILLE, TRAFFIC OPERATIONS DEPARTMENT.
4. DURING TRAFFIC SIGNAL FLASHING OPERATION, MOVEMENTS 2 & 6 SHALL FLASH YELLOW, WHILE ALL OTHER MOVEMENTS SHALL FLASH RED.
5. NO LANE CLOSURES FROM 7:00 AM TO 7:00 PM WEEKDAY AND FOOTBALL FRIDAYS. THE CONTRACTOR MAY REQUEST APPROVAL FROM PHILIP WANN, CITY OF GAINESVILLE, TO WORK DURING THESE TIMINGS.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD:
STEVEN D. MIKESELL, P.E.
FL LIC. No. 58703

HNTB
7077 BONNEVAL ROAD, SUITE 600
LIBERTY CENTER
JACKSONVILLE, FLORIDA 32218
PHONE: (904) 296-0207
CA. NO.: 6500

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

COUNTY	FINANCIAL PROJECT ID
ALACHUA	211365-0-03

SIGNALIZATION PLAN

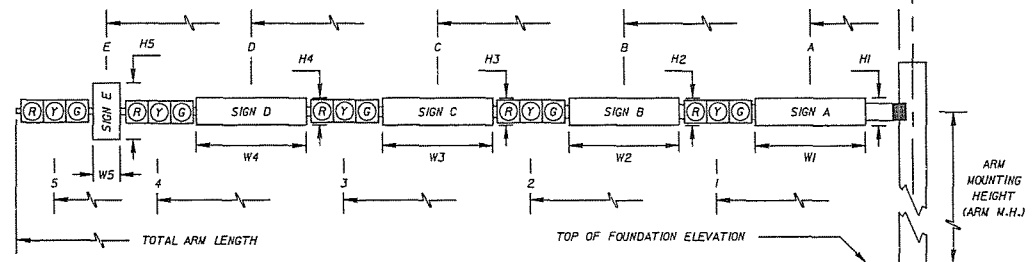
SHEET
NO.

T-4

SPECIAL INSTRUCTIONS			
ID NO.	PED. BUTTON	PED. SIGNALS	HANDHOLE LOCATION
A			
B			
C			
D			

ARM NO. 2 - DOUBLE ARM POLE ORIENTATION TO BE MEASURED IN A COUNTER CLOCKWISE DIRECTION FROM ROADWAY ARM NO. 1.

ARM NO. 1 - SINGLE ARM POLE OR LONGEST ARM FOR DOUBLE ARM POLE.



* DENOTES NUMBER OF SECTIONS IN SIGNAL HEAD ASSEMBLY

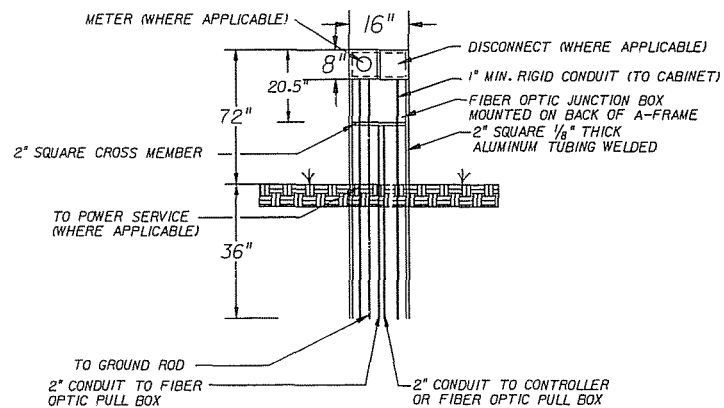
ID NO.	SHEET NO.	LOCATION BY STA.	TOP OF FOUNDATION ELEVATION	RDWY ARM NO.	CROWN ELEV.	SIGNAL DATA													TOTAL ARM LENGTH	ARM N.H.	L BETWEEN DUAL ARMS 90/270	SIGN DATA															PAINT COLOR
						SIGNAL V/H	BACK PLATES Y/N	PED. SIGNAL Y/N	DISTANCE FROM POLE													DISTANCE FROM POLE / HEIGHT AND WIDTH OF SIGN															
									1	*	2	*	3	*	4	*	5	*				A	H1	W1	B	H2	W2	C	H3	W3	D	H4	W4	E	H5	W5	
A	T-4			1		H	Y	Y																										*			
B	T-4			1		H	Y	Y																										*			
C	T-4			1		H	Y	N																										*			
D	T-4			1		H	Y	Y																										*			
				2																																	
				1																																	
				2																																	
				1																																	
				2																																	
				1																																	
				2																																	
				1																																	
				2																																	
				1																																	
				2																																	
				1																																	
				2																																	
				1																																	
				2																																	
				1																																	
				2																																	
				1																																	
				2																																	

* CONTACT CITY OF GAINESVILLE TRAFFIC OPERATIONS TO DETERMINE PAINT COLOR FOR SIGNAL AND PEDESTRIAN POLES.

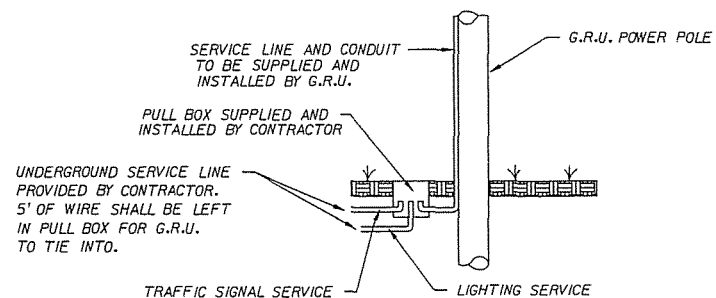
REVISIONS				ENGINEER OF RECORD ONUR DAL P.E. FL LIC. No. 64768 INTB 7077 BONNEVAL ROAD, SUITE 600 LIBERTY CENTER JACKSONVILLE, FLORIDA 32216 PHONE: (904) 266-0507 CA NO.: 6600	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. T-5
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						ALACHUA	211365-0-03	

MAST ARM TABULATION

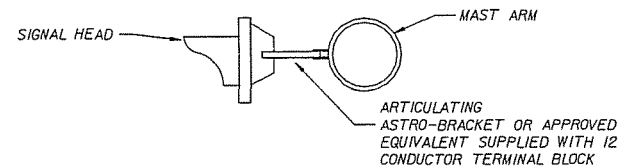
SENTHIL KANIAN 9/25/2009 SHBDS PW \\jovm001\mvm01\0085\43689_S\W 62nd Blvd\T-4\mvm01\interim\Projects\CADD\GIS-400_S\T-401n-Archer\signets\43655001.dgn



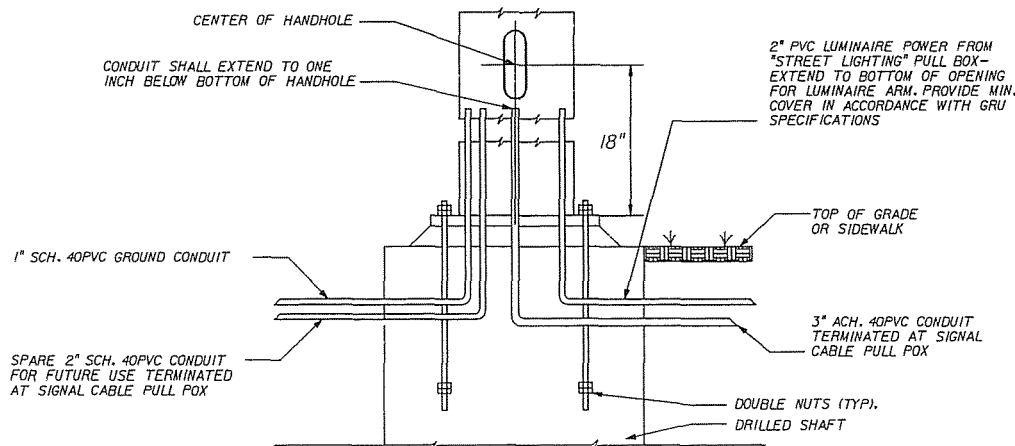
METER / DISCONNECT
FRAME STAND DETAIL
639-1-22
N.T.S.



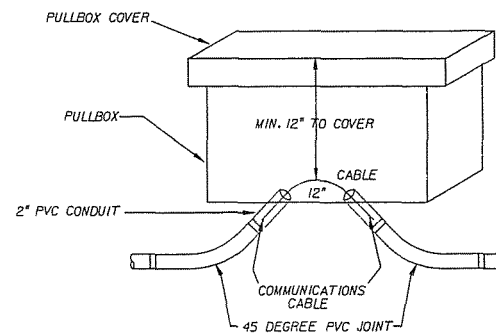
UNDERGROUND POWER
SERVICE DETAIL
N.T.S.



SIGNAL HEAD BRACKET
ATTACHMENT DETAIL
N.T.S.



CANTILEVER SIGNAL STRUCTURE
FOUNDATION AND BASE PLATE DETAIL
NOTE: REINFORCEMENT AND WINGS NOT SHOWN
N.T.S.



COMMUNICATIONS CABLE
CONDUIT INSTALLATION DETAIL

REVISIONS				ENGINEER OF RECORD: STEVEN D. MIKESSELL, P.E. FL LIC. No. 68703 HNTB 7077 BONNEVAL ROAD, SUITE 600 LIBERTY CENTER JACKSONVILLE, FLORIDA 32216 PHONE: (904) 266-0207 CA NO. 1-28002	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TRAFFIC SIGNAL DETAILS	SHEET NO. T-7
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ALACHUA	211365-0-03		

SENTHIL WANIAN

9/25/2009

5:49:52 PM

\\cam00\project\005\43569_5W_62nd Blvd\2nd\2nd Inter\Projects\CADD\05-400_5W40th-Archer\signal\stdtapi01.dgn

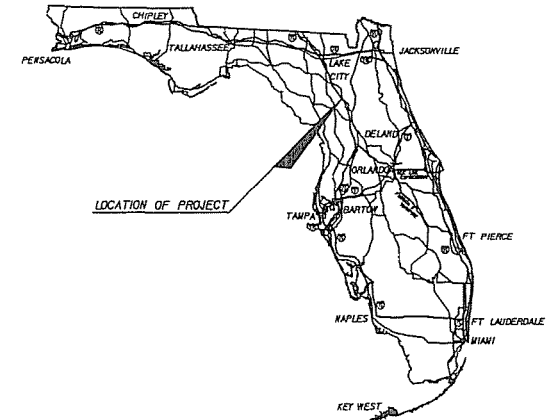
**ALACHUA COUNTY
PUBLIC WORKS DEPARTMENT**

CONTRACT PLANS

FINANCIAL PROJECT ID 211365-0-03
FEDERAL AID PROJECT NO. S124-002R
ALACHUA COUNTY (51240)
SW 20TH AVENUE AT SW 43RD STREET
INTERSECTION IMPROVEMENTS

**INDEX OF SIGNING AND
PAVEMENT MARKING PLANS**

SHEET NO.	SHEET DESCRIPTION
S-1	KEY SHEET
S-2	TABULATION OF QUANTITIES
S-3	GENERAL NOTES
S-4 TO S-8	SIGNING AND PAVEMENT MARKING PLAN



SIGNING AND PAVEMENT MARKING PLANS

ROADWAY SHOP DRAWINGS
TO BE SUBMITTED TO:

TERREL SHAW, P.E.
HNTB CORPORATION
7077 BONNEVAL ROAD
SUITE 600, LIBERTY CENTER
JACKSONVILLE, FL 32218
PHONE NO. (904) 298-0207
FAX NO. (904) 278-0280

PLANS PREPARED BY:

HNTB
HNTB CORPORATION
7077 BONNEVAL ROAD
SUITE 600, LIBERTY CENTER
JACKSONVILLE, FL 32218
PHONE NO. (904) 298-0207
FAX NO. (904) 278-0280
CERT. OF AUTH. NO. 6500

GOVERNING STANDARDS AND SPECIFICATIONS:
FLORIDA DEPARTMENT OF TRANSPORTATION,
DESIGN STANDARDS DATED 2008 AND
STANDARD SPECIFICATIONS FOR ROAD
AND BRIDGE CONSTRUCTION, DATED 2007,
AS AMENDED BY CONTRACT DOCUMENTS.

REVISIONS

NOTE: THE SCALE OF THESE PLANS MAY
HAVE CHANGED DUE TO REPRODUCTION.

**PHASE II SUBMITTAL
AUGUST 2009**

KEY SHEET REVISIONS		
DATE	BY	DESCRIPTION

ROADWAY PLANS
ENGINEER OF RECORD: TERREL SHAW, P.E.

P.E. NO. 50096

FISCAL YEAR	SHEET NO.
10	S-1

ALACHUA COUNTY PROJECT MANAGER: HA NGUYEN

msw/in

10/22/2009

8:20:25 PM

KEYSSP01.dgn

EXHIBIT 3

TABULATION OF QUANTITIES

[illegible]

NOTE: PAY ITEM NO. 710-90, PAINTED PAVEMENT MARKINGS, SHALL BE PLACED AS PER PLAN FOR TEMPORARY PAVEMENT MARKINGS. QUANTITIES ARE AS PER THE CORRESPONDING THERMOPLASTIC PAVEMENT MARKINGS.

REVISIONS				<div>ENGINEER OF RECORD: TERRELL SHAW, P.E. L.C. No. 50095 HNTB 7077 BONNEVAL ROAD, SUITE 600 LIBERTY CENTER JACKSONVILLE, FLORIDA 32216 PHONE: (904) 285-0207 FAX: (904) 285-0000</div>	<div>ALACHUA COUNTY PUBLIC WORKS DEPARTMENT</div>			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						ALACHUA	211365-0-03	
					TABULATION OF QUANTITIES			S-2

SIGNING AND PAVEMENT MARKING GENERAL NOTES

1. PAVEMENT MARKINGS SHALL BE PLACED AS SHOWN IN THE TRAFFIC DESIGN STANDARDS. SIGNING AND PAVEMENT MARKING SHALL BE INSTALLED IN ACCORDANCE WITH THE 2003 EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
2. ALL EXISTING ALACHUA COUNTY, CITY OF GAINESVILLE, OR RTA SIGNS THAT CONFLICT WITH CONSTRUCTION OPERATIONS SHALL BE REMOVED, STOCKPILED AND RELOCATED BY THE CONTRACTOR. SIGN REMOVAL SHALL BE DIRECTED BY THE PROJECT ENGINEER.
3. CAUTION SHALL BE EXERCISED WHILE RELOCATING EXISTING SIGNS TO PREVENT UNNECESSARY DAMAGE TO SIGNS. IF THE SIGNS ARE DAMAGED BEYOND USE, AS DETERMINED BY THE PROJECT ENGINEER, SIGNS SHALL BE REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
4. EXISTING SIGNS SHALL REMAIN UNLESS OTHERWISE NOTED.
5. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE NOTED IN THE PLANS. THE QUANTITIES FOR PAINTED PAVEMENT MARKINGS, INDICATED IN THE TABLE OF QUANTITIES ON SHEET S-2, SHALL BE PLACED AS PER PLAN FOR TEMPORARY PAVEMENT MARKINGS. THE QUANTITIES FOR TEMPORARY PAVEMENT MARKINGS SHALL CORRESPOND TO THE THERMOPLASTIC PAVEMENT MARKINGS.
6. PAINTED PAVEMENT MARKINGS SHALL BE APPLIED BEFORE ROADWAY IS OPENED TO TRAFFIC. THERMOPLASTIC PAVEMENT MARKINGS TO BE APPLIED A MINIMUM OF 30 DAYS AFTER THE FINAL PAVEMENT MARKINGS HAVE BEEN CONSTRUCTED.
7. REFER TO F.D.O.T DESIGN STANDARDS INDEX No 17352 FOR RETRO-REFLECTIVE PAVEMENT MARKER PLACEMENT DETAILS.
8. THE SIGN LOCATIONS SHOWN ARE APPROXIMATE AND MAY REQUIRE FIELD ADJUSTMENT AS DIRECTED BY THE ENGINEER.
9. ALL ROUTE MARKER AUXILIARY PANELS SHALL MATCH THE COLOR COMBINATION OF THE RESPECTIVE MARKER WHICH THEY SUPPLEMENT.
10. ANY EXISTING SIGN TO REMAIN THAT IS DISTURBED DURING CONSTRUCTION OR RELOCATED SHALL BE RESET TO CURRENT STANDARDS FOR HEIGHT, OFFSET, AND METHOD OF INSTALLATION. COST OF THIS WORK SHALL BE AT CONTRACTOR'S EXPENSE.
11. THE CONTRACTOR SHALL MAINTAIN AND KEEP STREET NAME IDENTIFICATION SIGNS VISIBLE DURING CONSTRUCTION OPERATIONS IN ORDER TO FACILITATE EMERGENCY VEHICLE TRAFFIC.
12. EXISTING SIGN PANELS AND/OR SIGN ASSEMBLIES TO BE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND DISPOSED OF AT THE CONTRACTOR'S EXPENSE. REMOVED SIGNS SHALL BE STOCKPILED IN A SECURE LOCATION AWAY FROM TRAFFIC, AS DESIGNATED BY THE ENGINEER. ALL SIGN ASSEMBLIES SCHEDULED FOR REMOVAL SHALL BE REMOVED FROM THE PROJECT SITE BY THE CONTRACTOR WITHIN 48 HOURS OF REMOVAL.
13. MATCH EXISTING PAVEMENT MARKINGS AT THE BEGINING AND END OF PROJECT AND AT ALL SIDE STREETS.

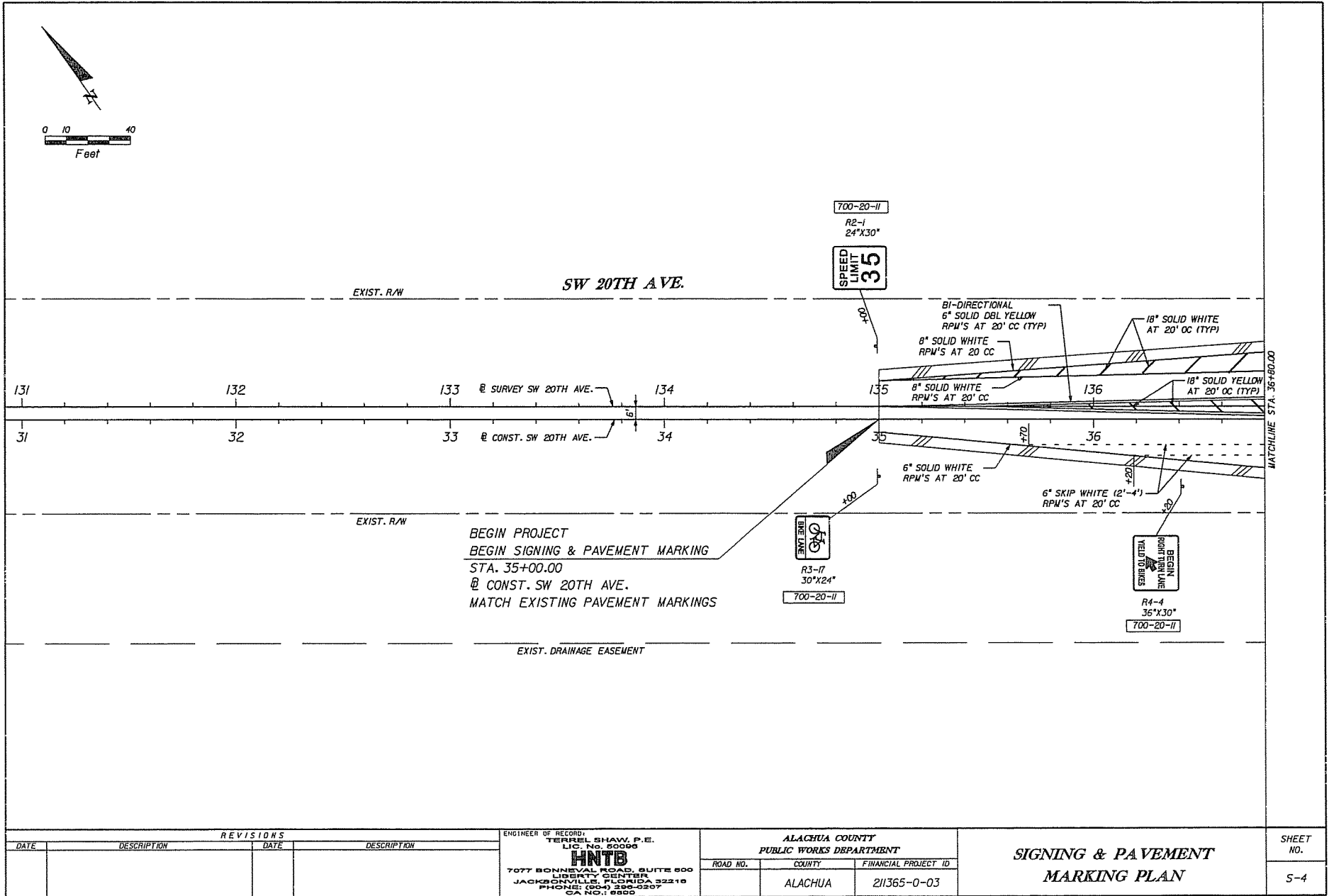
REVISIONS				ENGINEER OF RECORD: TERREL SHAW, P.E. LIC. No. 60096 HNTB 7077 BONNEVAL ROAD, SUITE 600 LIBERTY CENTER JACKSONVILLE, FLORIDA 32216 PHONE: (904) 295-0207 CA NO.: 5850	ALACHUA COUNTY PUBLIC WORKS DEPARTMENT		GENERAL NOTES	SHEET NO. S-3
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						ALACHUA	211365-0-03	

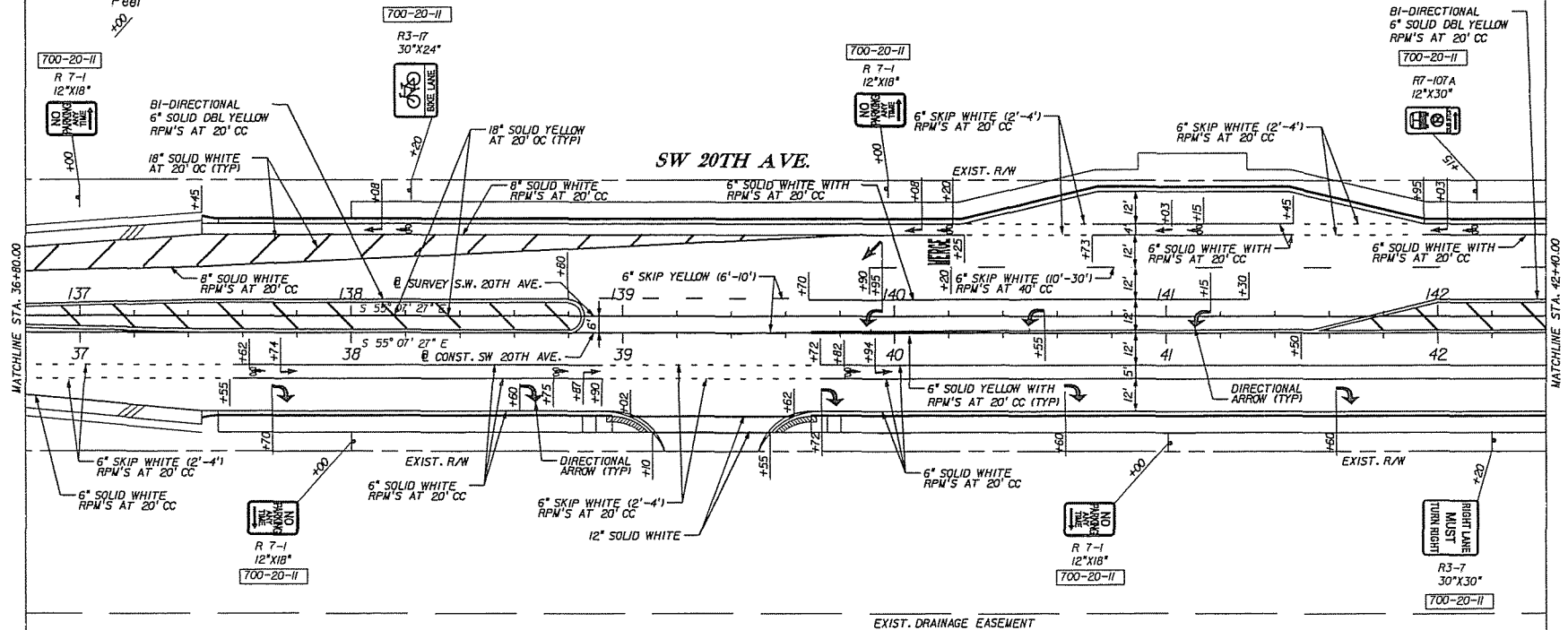
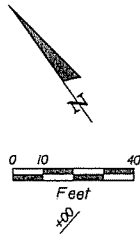
REVISED

01/22/2009

8:20:46 PM

G:\NTS\POJ\JGH





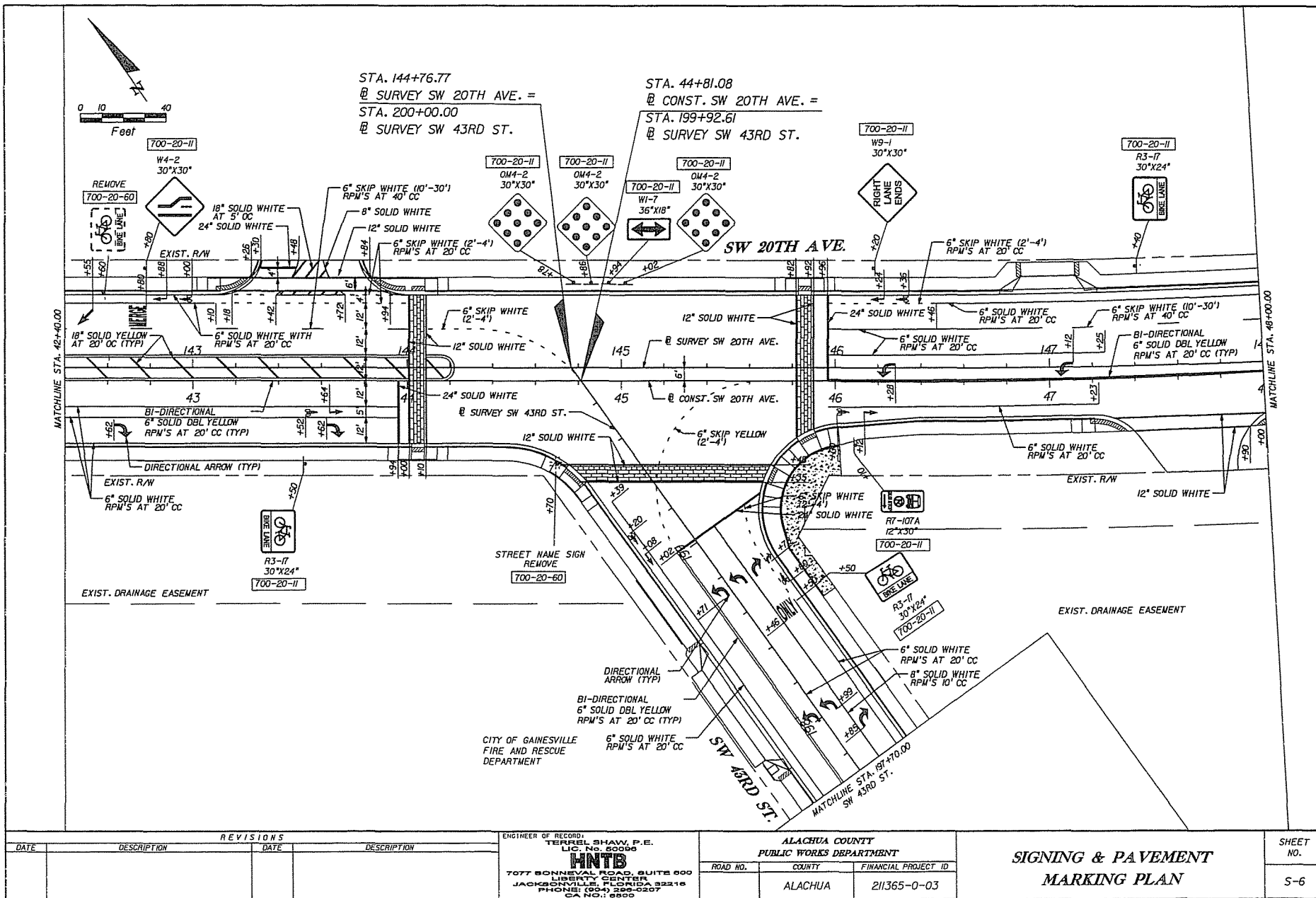
REVISIONS				ENGINEER OF RECORD: TERRELL SHAW, P.E. LIC. No. 50096 HNTB 7077 BONNEVAL ROAD, SUITE 200 LIBERTY CENTER JACKSONVILLE, FLORIDA 32216 PHONE: (904) 296-0207 FAX: (904) 296-0208	ALACHUA COUNTY PUBLIC WORKS DEPARTMENT		SIGNING & PAVEMENT MARKING PLAN	SHEET NO. S-5
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY		
						ALACHUA		
						FINANCIAL PROJECT ID	211365-0-03	

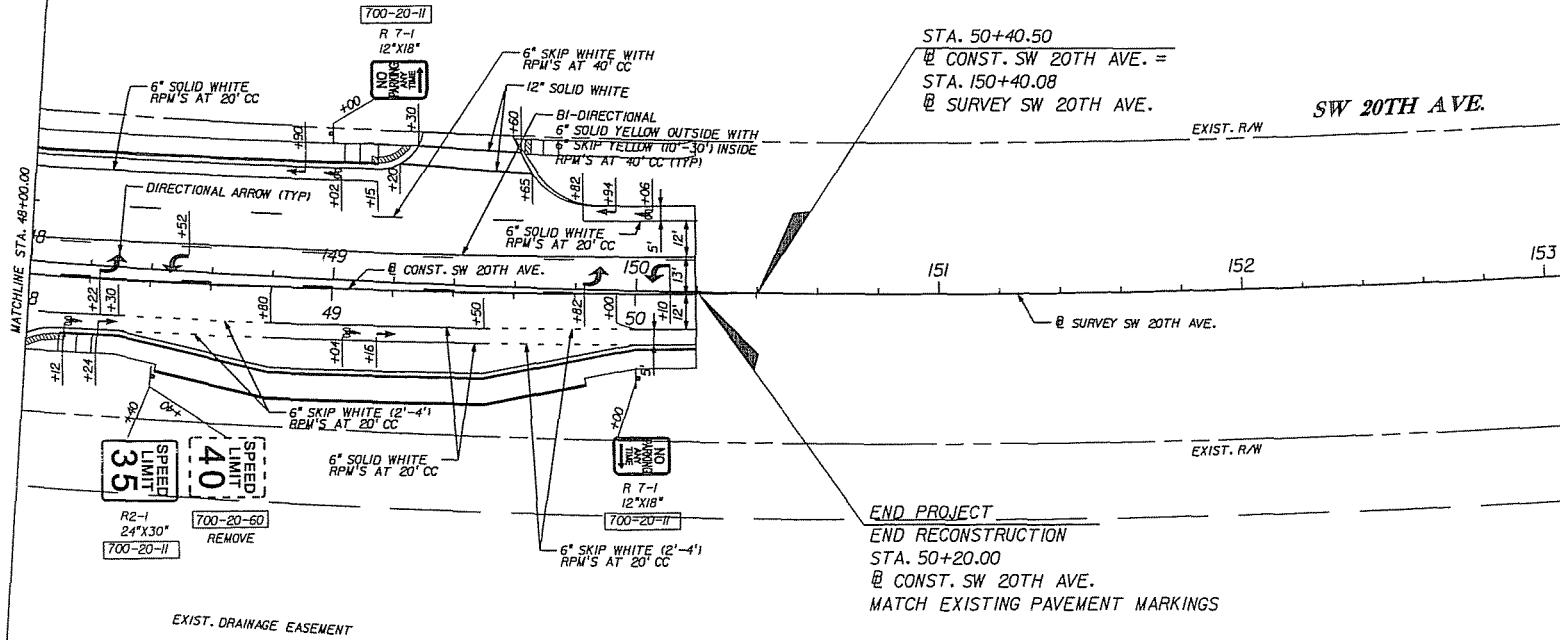
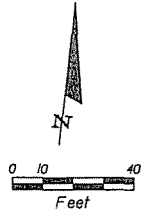
ms/rln

10/22/2023

8:28:09 PM

PLANS\002.dgn





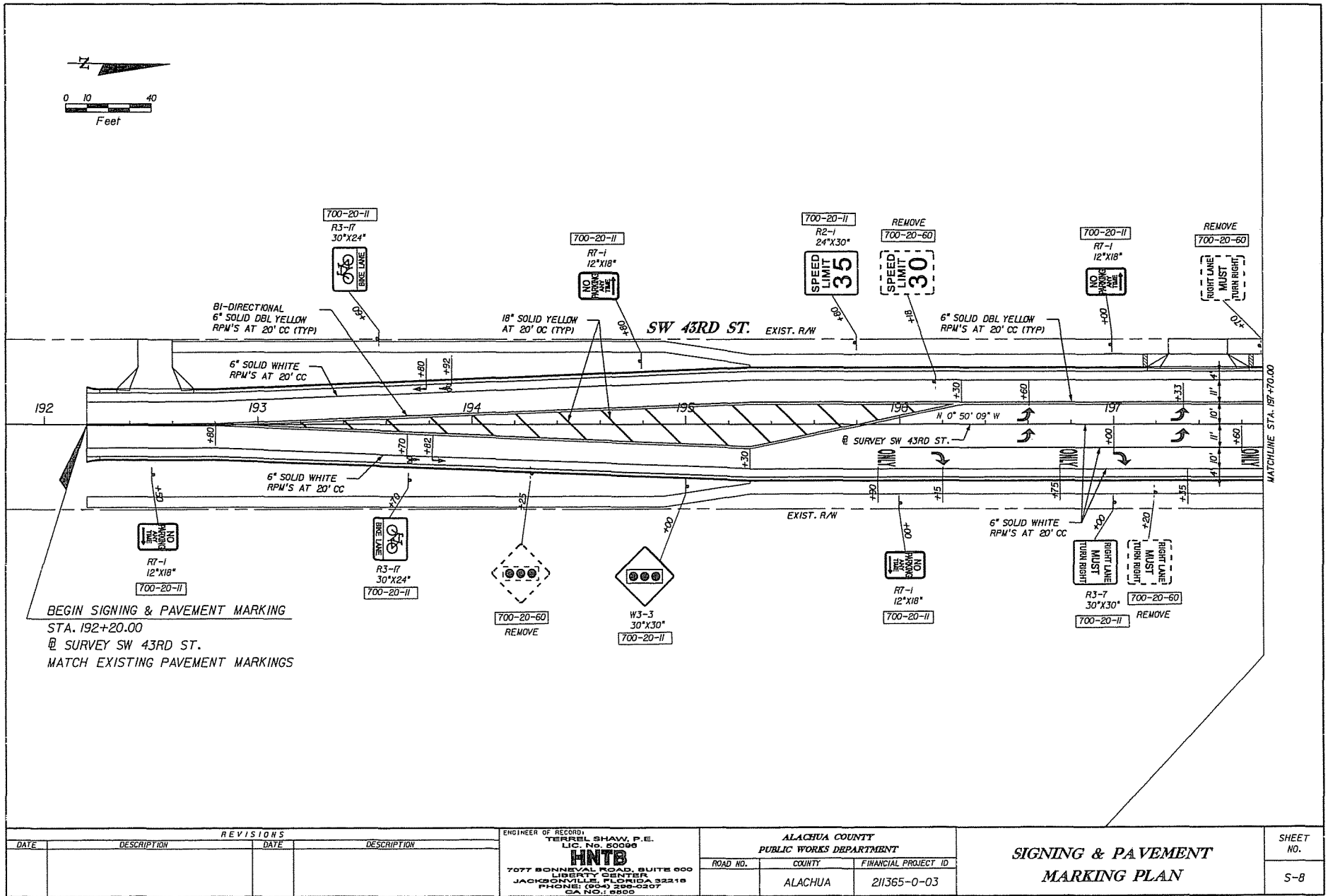
REVISIONS				ENGINEER OF RECORD: TERRELL SHAW, P.E. LIC. No. 50099 HNTB 7077 BONNEVAL ROAD, SUITE 600 LIBERTY CENTER JACKSONVILLE, FLORIDA 32218 PHONE: (904) 266-0207 FAX: (904) 266-0207	ALACHUA COUNTY PUBLIC WORKS DEPARTMENT			SIGNING & PAVEMENT MARKING PLAN	SHEET NO. S-7
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ALACHUA	211365-0-03		

merwin

10/22/2009

8:25:13 PM

PLANS04.DGN



**ALACHUA COUNTY
PUBLIC WORKS DEPARTMENT**

CONTRACT PLANS

FINANCIAL PROJECT ID 211365-0-03
FEDERAL AID PROJECT NO. S124-002R
ALACHUA COUNTY (51240)
SW 20TH AVENUE AT SW 43RD STREET
INTERSECTION IMPROVEMENTS

SIGNALIZATION PLANS

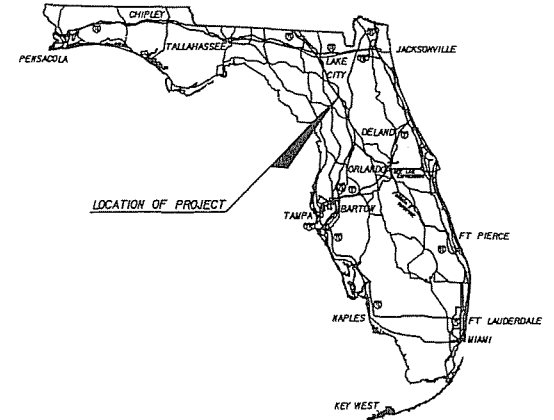
INDEX OF SIGNALIZATION PLANS

SHEET NO.	SHEET DESCRIPTION
T-1	KEY SHEET
T-2	TABULATION OF QUANTITIES
T-3	GENERAL NOTES
T-4	SIGNALIZATION PLANS
T-5	MAST ARM TABULATION
T-6	TABLE OF VARIABLES FOR MAST ARM ASSEMBLIES
T-7	TRAFFIC SIGNAL DETAILS
T-8	GUIDESIGN WORKSHEET

GOVERNING STANDARDS AND SPECIFICATIONS:
FLORIDA DEPARTMENT OF TRANSPORTATION,
DESIGN STANDARDS DATED 2010,
AND STANDARD SPECIFICATIONS FOR ROAD AND
BRIDGE CONSTRUCTION DATED 2007,
AS AMENDED BY CONTRACT DOCUMENTS.

APPLICABLE DESIGN STANDARDS MODIFICATIONS: TBA
For Design Standards modifications click on:
<https://www.dot.state.fl.us/roadsign/>

REVISIONS



SIGNALIZATION SHOP DRAWINGS
TO BE SUBMITTED TO:

STEVEN D. MIKESELL, P.E.
HNTB CORPORATION
7077 BONNEVAL ROAD
SUITE 600, LIBERTY CENTER
JACKSONVILLE, FL 32216
PHONE NO. (904) 298-0207
FAX NO. (904) 278-0280

PLANS PREPARED BY:

HNTB

HNTB CORPORATION
7077 BONNEVAL ROAD
SUITE 600, LIBERTY CENTER
JACKSONVILLE, FL 32216
PHONE NO. (904) 298-0207
FAX NO. (904) 278-0280
CERT. OF AUTH. NO. 6500

NOTE: THE SCALE OF THESE PLANS MAY
HAVE CHANGED DUE TO REPRODUCTION.

**PHASE II SUBMITTAL
AUGUST 2009**

SIGNALIZATION PLANS
ENGINEER OF RECORD: STEVEN D. MIKESELL, P.E.

P.E. NO. 2 58703

FISCAL YEAR	SHEET NO.
10	T-1

TABULATION OF QUANTITIES

BID ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBER																		TOTAL THIS SHEET		GRAND TOTAL	
			T-4																					
			ORIGINAL	FINAL	ORIGINAL	FINAL	ORIGINAL	FINAL	ORIGINAL	FINAL	ORIGINAL	FINAL	ORIGINAL	FINAL	ORIGINAL	FINAL	ORIGINAL	FINAL	ORIGINAL	FINAL				
630-I-12	CONDUIT-SIGNALS, F&I, UNDERGROUND	LF																			0		0	
630-I-14	CONDUIT-SIGNALS, F&I, UNDERGROUND-JACKED	LF																			0		0	
632-7-I	CABLE-SIGNALS, F&I	PI																			0		0	
635-I-11	PULL BOXES, F&I	EA																			0		0	
635-I-16	PULL BOXES, F&I, SPECIAL	EA																			0		0	
639-I-22	SIGNALS- ELECTRICAL POWER SERVICE (UNDERGROUND)	AS																			0		0	
639-2-I	SIGNALS- ELECTRICAL SERVICE WIRE	LF																			0		0	
649-3X-XXX	MAST ARM ASSEMBLY (X1, X2) WO/ LUM	EA																			0		0	
650-51-311	TRAFFIC SIGNAL (3-SECTION, 1-WAY) (LEDXSTD)	AS																			0		0	
650-51-511	TRAFFIC SIGNAL (5-SECTION, 1-WAY) (LEDXSTD)	AS																			0		0	
653-191	PEDESTRIAN SIGNALS (LED) (1-WAY COUNT DOWN)	AS																			0		0	
653-192	PEDESTRIAN SIGNALS (LED) (2-WAY COUNT DOWN)	AS																			0		0	
659-108	SIGNAL HEAD AUXILIARIES, F&I, STEEL PEDESTAL	EA																			0		0	
660-I-110	LOOP DETECTOR, INDUCTIVE, F&I, TYPE 10	EA																			0		0	
660-2-102	LOOP ASSEMBLY, F&I, TYPE B -6'X6'	AS																			0		0	
663-74-11	VEHICLE DETECTOR ASSEMBLIES, F&I, OPTICAL	EA																			0		0	
663-74-15	VEHICLE DETECTOR ASSEMBLIES, F&I, VIDEO DETECTION	EA																			0		0	
665-11	PEDESTRIAN DETECTOR, F&I	EA																			0		0	
670-5-111	TRAFFIC CONTROLLER ASSEMBLY (HAZTEC, TS-2, TYPE 1, MODEL 980)	AS																			0		0	
685-128	SYSTEM AUXILIARIES (INTERFACE PANEL)	EA																			0		0	
685-140	SYSTEM AUXILIARIES (FIBER OPTIC, MODULATOR/DEMODULATOR)	EA																			0		0	
690-10	TRAFFIC SIGNAL HEAD ASSEMBLY, REMOVAL	EA																			0		0	
690-32-1	POLE REMOVAL- SHALLOW	EA																			0		0	
690-33-1	POLE REMOVAL- DEEP	LF																			0		0	
690-50	CONTROLLER ASSEMBLY- REMOVE	EA																			0		0	
690-70	DETECTOR PEDESTRIAN ASSEMBLY, REMOVE	EA																			0		0	
690-80	SPAN WIRE ASSEMBLY REMOVE	EA																			0		0	
690-90	REMOVE CONDUIT & CABLING	PI																			0		0	
700-46-15	EXISTING SIGN, REMOVE, SPAN WIRE	AS																			0		0	
700-48-18	SIGN PANEL, INSTALL (15 or LESS SQ FT)	EA																			0		0	
700-89-2	ELECTRIC POWERED SIGN (BLANK-OUT SIGN)	EA																			0		0	

REVISIONS				ENGINEER OF RECORD: STEVEN D. MIKESBELL, P.E. FL LIC. No. 58703 HNTB 7077 BONNEVAL ROAD, SUITE 500 LIBERTY CENTER JACKSONVILLE, FLORIDA 32216 PHONE: (904) 266-0207 CA NO. 1-0905	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TABULATION OF QUANTITIES	SHEET NO. T-2
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ALACHUA	211365-0-03		

merwin

10/22/2009

8:25:45 PM

taboq01.dgn

GENERAL NOTES:

1. THE CONTRACTOR SHALL NOTIFY THE CITY OF GAINESVILLE TRAFFIC OPERATION DEPARTMENT MR. TRAVIS LAW AT (352) 334-2155, AT LEAST 24 HOURS IN ADVANCE OF SETUP OF VIDEO DETECTION ZONES SO HE MAY OBSERVE THEIR INSTALLATION IF HE SO DESIRES.
2. IT SHOULD BE NOTED NO TEST BORINGS WERE MADE WHERE CONDUIT RUNS ARE TO BE INSTALLED BY JACKING OR TRENCHING. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO EXAMINE THE JOB SITE CONDITIONS BEFORE SUBMITTING BID PROPOSALS IN ACCORDANCE WITH SECTION 2-4 OF THE FDOT SPECIFICATIONS.
3. THE CONTRACTOR SHALL ADHERE TO ALL CITY AND COUNTY ORDINANCES AND STATE REGULATIONS DURING ALL CONSTRUCTION OPERATIONS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF EXISTING UTILITIES, BOTH HORIZONTAL AND VERTICAL PRIOR TO ANY BORES AT THE DIRECTION OF THE ENGINEER. THIS SHOULD BE PERFORMED BY VACUUM EXCAVATION OR COMPARABLE NON DESTRUCTIVE EQUIPMENT. ALL RIGHT-OF-WAY SHALL BE RESTORED TO THE CONDITION WHICH EXISTED PRIOR TO THE BORE.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE COMPANY PROVIDING ELECTRICAL POWER TO DETERMINE IF A SERVICE PROCESSING FEE IS REQUIRED. IF REQUIRED, FEE SHALL BE INCLUDED AS PART OF PAYMENT FOR ELECTRICAL POWER SERVICE ASSEMBLY.
6. THE CONTRACTOR SHALL VERIFY THE COLOR CODES OF THE SIGNAL CABLE WITH THE CITY OF GAINESVILLE BEFORE ORDERING.
7. THE CONTRACTOR SHALL PROVIDE A TWO MAN BUCKET TRUCK AND ASSIST THE FDOT INSPECTOR IN PHYSICALLY EXAMINING EACH SIGNAL HEAD THE SAME DAY IT IS ERECTED.
8. AT THE TIME OF FINAL PROJECT INSPECTION, THE CONTRACTOR SHALL FURNISH THE INSPECTOR THREE COMPLETE SETS OF AS-BUILT PLANS.
9. CONCRETE AREAS DISTURBED BY THE INSTALLATION OF PULL BOXES, "A-FRAMES", CONTROLLER CABINETS, SIGNAL MAST ARMS/POLES AND PEDESTRIAN POLES SHALL BE REPLACED. REPLACEMENT SHALL BE TO THE NEAREST EXPANSION JOINT.
10. NO POLYCARBONATE HOUSING OR MOUNTING HARDWARE WILL BE PERMITTED FOR VEHICULAR OR PEDESTRIAN SIGNAL HEAD ASSEMBLIES. ALL INDICATIONS FOR VEHICULAR AND PEDESTRIAN SIGNAL HEAD ASSEMBLIES SHALL BE LED.
11. ALL CONDUIT SHALL BE 2" MINIMUM UNLESS OTHERWISE SPECIFIED IN PLANS, EXCEPT ELECTRICAL POWER SERVICE DUCT.
12. PAYMENT FOR ELECTRICAL SERVICE WIRE NOT IN THE VERTICAL ASSEMBLY WILL BE PAID FOR PER LINEAR FOOT OF A SINGLE CONDUCTOR.
13. A MANUAL PUSH BUTTON CORD SHALL BE FURNISHED IN ALL CONTROLLER CABINETS.
14. DELAY TIMES FOR LOOPS/VDS MARKED "DELAY" SHALL BE SET TO 5 SECONDS.
15. DURING PRE-EMPTION, ALL DIRECTIONS SHALL BE RED WITH THE EXCEPTION OF THE APPROACH DIRECTION, WHICH SHALL BE GREEN.
16. UNLESS SPECIFIED OTHERWISE, ALL PULL BOX COVERS TO BE FURNISHED AND INSTALLED SHALL BE NON-METALLIC.
17. AS DIRECTED BY THE PROJECT ENGINEER, THE CONTRACTOR SHALL ADJUST CONDUIT & PULL BOXES HORIZONTALLY AND/OR VERTICALLY IN ORDER TO AVOID ANY POSSIBLE CONFLICTS WITH UNDERGROUND UTILITIES.
18. ALL FIELD WIRING SHALL BE NEATLY BUNDLED AND CLEARLY IDENTIFIED WITH PERMANENT, LEGIBLE, WEATHERPROOF TAGS THAT ARE SECURELY ATTACHED TO EACH CABLE. THE TAGGING SYSTEM PROPOSED SHALL BE SUBMITTED FOR APPROVAL WITH THE OTHER EQUIPMENT SUBMITTALS REQUIRED FOR THIS PROJECT.
19. ALL SIGNAL EQUIPMENT THAT IS REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN A PLACE PROVIDED BY THE CONTRACTOR UNLESS OTHERWISE NOTED IN THE PLANS.
20. IF REQUIRED, THE CONTRACTOR SHALL PROVIDE THE NECESSARY EQUIPMENT FOR SUPPORTING EXISTING UTILITY AND/OR SIGNAL POLES DURING CONSTRUCTION OF NEW MAST ARMS AND MAST ARM FOUNDATIONS. THE CONTRACTOR SHALL COORDINATE THIS EFFORT WITH THE UTILITY COMPANIES AND/OR THE LOCAL MAINTAINING AGENCY. PAYMENT TO BE INCLUDED IN THE ASSOCIATED MAST ARM PAY ITEM NUMBER.
21. ALL PEDESTRIAN SIGNAL INDICATIONS SHALL BE COUNT-DOWN PEDESTRIAN SIGNAL INDICATIONS AND ALL PEDESTRIAN SIGNALS SHALL HAVE INTERNATIONAL SYMBOLS AND BE COUNT-DOWN.
22. WHEN JACKING CONDUIT UNDER PAVEMENT THE CONTRACTOR MAY USE A FDOT APPROVED GUIDED BORING SYSTEM AS AN ALTERNATE METHOD OF CONSTRUCTION. AN ACCEPTABLE METHOD IS THE DITCH WITH JET-TRAC OR EQUIVALENT.
23. WHEN THE CONTRACTOR IS REMOVING EXISTING TWISTED PAIR CABLE AND/OR RUNNING NEW FIBER OPTIC CABLE THE CONTRACTOR SHALL TAKE EVERY PRECAUTION SO NOT TO DAMAGE ANY EXISTING FIBER OPTIC CABLE. STILL IN SERVICE. DAMAGED FIBER OPTIC CABLE SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
24. AN EXCAVATION EXCEEDING 18 INCHES SHALL BE DONE BY HAND WITHIN 5 FEET OF ANY FIELD LOCATED UNDERGROUND UTILITY.
25. WHEN A CONTRACTOR IS WORKING ON SIGNAL WORK IN AN INTERSECTION (INSTALLING CONDUIT IN THE STREET, REMOVING EXISTING SIGNAL EQUIPMENT, INSTALLING NEW SIGNAL EQUIPMENT AND RUNS AND TURNING ON OF NEW SIGNALS) WHERE A LANE IS TO BE CLOSED, AN OFF-DUTY LAW ENFORCEMENT OFFICER SHALL DIRECT TRAFFIC. THE HOURLY RATE OF PAY FOR AN OFF-DUTY LAW ENFORCEMENT OFFICER CAN BE OBTAINED FROM THE OFFICE OF THE LAW ENFORCEMENT OFFICER. THIS COST SHALL BE INCLUDED IN PAY ITEM 102-1(WOT).
26. MAINTENANCE OF TRAFFIC SHALL CONFORM TO FDOT DESIGN STANDARDS.
27. THE CONTRACTOR SHALL NOTIFY THE SUNSHINE STATE ONE CALL AT 1-800-432-4770 AND THE APPROPRIATE UTILITY COMPANIES LISTED IN THE TABLE BELOW AT LEAST 2 FULL BUSINESS DAYS IN ADVANCE OF POLE CONSTRUCTION OPERATIONS, WHERE CALL FOR UNDERGROUND UTILITIES OR OVERHEAD ELECTRICAL CONDUCTORS IS EXPECTED AND IN ALL CASES WHERE JOINT USE POLES ARE CALLED FOR.

CLAY ELECTRIC	STEVE LAW	352-337-8115
COX COMMUNICATIONS	GARY HARRELL	352-337-2052
GRU WASTEWATER /WATER	JASON SPARKS	352-393-1642
GRU ELECTRIC	WALLY SEALEY	352-334-3400 EXT 6056
GRU GAS	MIKE BROWN	352-393-1466
AT&T	EVERETT SPARKS	352-331-9147

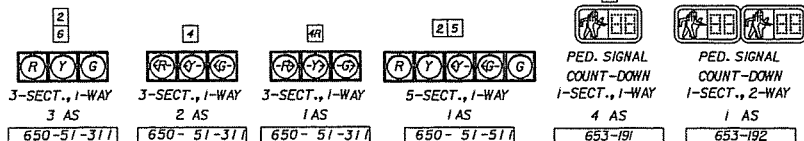
SPECIAL NOTES:

1. THE COST OF FURNISHING AND INSTALLING THE FTP-25-06 AND RIO-3E (INTERNATIONAL) SIGNS SHALL BE INCLUDED IN PAY ITEM NO. 665-11.
2. SIGNAL PEDESTAL AND SIGNAL POLE STATIONING AND OFFSETS MAY REQUIRE MINOR ADJUSTMENTS IN THE FIELD TO ENSURE HORIZONTAL CLEARANCE FROM FACE OF CURB TO CLOSEST SURFACE OF POLE AND WITHIN ROADWAY RIGHT-OF-WAY AND TO MAINTAIN A 4.0' MINIMUM SIDEWALK WIDTH. ANY RELOCATED POLES SHALL BE PLACED TO PROVIDE THE MAXIMUM SIDEWALK CLEARANCE POSSIBLE WITHIN ROADWAY RIGHT-OF-WAY.
3. CONTRACTOR TO HAND DIG THE FIRST 4.0' OF POLE FOUNDATIONS AND CONTACT THE APPROPRIATE UTILITY COMPANIES FOR LOCATES 2 FULL BUSINESS DAYS PRIOR TO ANY EXCAVATION.
4. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL MAST ARM AND ROADWAY ELEVATIONS PRIOR TO FABRICATING MAST ARMS.
5. THE CONTRACTOR IS TO PROVIDE THREE ADDITIONAL CONDUIT RUNS PULLED AND CAPPED FROM THE CONTROLLER TO THE NEAREST PULL BOXES.
6. ALL PEDESTRIAN PHASES TO BE PUSH BUTTON ACTUATED WITH SOLID STATE SWITCH, MOMENTARY LED AND TONE (EX. BULLDOG PUSHBUTTON).
7. THE CONTRACTOR SHALL CONTACT PHILIP MAHN, (352) 334-5074, AT THE CITY OF GAINESVILLE TRAFFIC OPS DEPARTMENT TO OBTAIN A COLOR CHIP FOR THE PAINTING OF PEDESTRIAN POLES AND MAST ARM POLES. THE BRAND OF PAINT SHALL BE DETERMINED BY THE POLE MANUFACTURER. PAINT SHALL BE APPLIED PER SPECIFICATION 649 AND 563.
8. ANY REQUIRED FIELD TOUCH-UP OF PAINTED SURFACES SHALL BE IDENTIFIED BY THE FDOT ENGINEER. ALL PAINT APPLIED IN THE FIELD SHALL BE DONE WITH BRUSH, ROLLER OR GLOVE. NO SPRAY PAINTING SHALL BE ALLOWED.
9. INTERCONNECT/FIBER OPTIC CABLE AND SIGNAL CABLE ARE TO BE PLACED IN SEPARATE CONDUITS AND PULL BOXES.
10. FINAL SIGNAL POLE PLACEMENT SHALL BE A MINIMUM OF 6' FROM ALL OVERHEAD UTILITIES.
11. SIGNAL HEADS SHALL BE LOCATED AS SHOWN IN THE PLANS. A MINIMUM OF 8' HORIZONTAL SEPARATION BETWEEN SIGNAL HEADS SHALL BE MAINTAINED FOR EACH MOVEMENT.
12. ALL ASTRO BRACKETS SHALL ARTICULATE AND HAVE BUILT INTO THE HOUSING A 1/2" (MINIMUM) CONDUCTOR TERMINAL STRIP, FIELD MODEL #48012 OR APPROVED EQUIVALENT.
13. THE CONTRACTOR SHALL VERIFY STREET NAME SIGN MESSAGES PRIOR TO FABRICATION. BLOCK NUMBERS AND/OR ARROWS MAY BE REQUIRED.
14. MAXIMUM SIGNAL THIMBLS, PRE-EMPTION THIMBLS AND SYSTEM THIMBLS ARE TO BE PROVIDED BY THE CITY OF GAINESVILLE. CONTACT PHILIP MAHN AT THE CITY OF GAINESVILLE TRAFFIC OPS DEPARTMENT, (352) 334-5074, FOR THE REQUIRED INFORMATION.
15. IN ADDITION TO THE REQUIREMENTS SET FORTH IN THE FDOT SPECIFICATIONS, ELECTRICAL POWER SERVICE IS TO INCLUDE CONSTRUCTING WETER/DISCONNECT FRAME STAND PER DETAIL SHOWN ON THE TRAFFIC SIGNAL DETAILS SHEET. HEIGHT OF THE A-FRAME TO BE DETERMINED BASED UPON THE HEIGHT REQUIREMENTS FROM THE POWER COMPANY FOR THE DISCONNECT.
16. PAY ITEM NO. 639-1-22 SHALL INCLUDE PAYMENT FOR THE "A" FRAME DISCONNECT DETAILED IN THE PLANS.
17. WHERE MULTIPLE CONDUIT RUNS CROSS THE MAINLINE AND/OR SIDE STREET, THE FIRST RUN ACROSS EACH LEG SHALL BE PAID FOR UNDER PAY ITEM 630-1-14. EACH ADDITIONAL RUN SHALL BE PAID FOR UNDER PAY ITEM 630-1-12.
18. PAYMENT FOR POWER SERVICE PULL BOXES TO BE INCLUDED UNDER PAY ITEM NO. 635-1-11.
19. YELLOW FLASHING BEACONS AND RED FLASHING BEACONS WILL BE USED TO CONTROL TRAFFIC ON MAJOR AND MINOR ROADS DURING FLASHING OPERATION, RESPECTIVELY.
20. THE CONTRACTOR SHALL ADJUST, AS DIRECTED BY THE ENGINEER, THE LOCATIONS OF THE SIGNAL MAST ARMS/POLES, CONDUITS, PULL BOXES, ETC. TO AVOID ANY UTILITY CONFLICTS.
21. PAY ITEM NUMBER 670-5-11 SHALL INCLUDE HAZTEC TYPE-VI CONTROLLER CABINET W/ETHERNET, HAZTEC TS-2 TYPE-1 (NEW) CONTROLLER, GENERATOR PLUG, CISCO INDUSTRIAL SWITCH AND LED WMI.
22. PAY ITEM NO. 663-74-11 SHALL INCLUDE AN URBAN AREA PREEMPTION SYSTEM. THIS SYSTEM SHALL BE FULLY COMPATIBLE WITH THE EXISTING CITY OF GAINESVILLE PREEMPTION SYSTEM (3M OPTICOM). ALL NECESSARY EQUIPMENT SHALL BE PAID FOR UNDER THIS BID ITEM NUMBER. NECESSARY EQUIPMENT SHALL INCLUDE BUT NOT BE LIMITED TO:
 - 3M OPTICOM PHASE SELECTOR MODEL T54 CHANNELS,
 - 3M OPTICOM MODEL T57 AUXILIARY DETECTOR/RED SENSE HARNESS,
 - 3M OPTICOM DETECTOR CABLE MODEL 133 (APPROXIMATELY 200 FEET PER RUN),
 - 3M OPTICOM DETECTOR MODELS 711, 721 OR 722 DEPENDING ON INTERSECTION LAYOUT.
 THE CONTRACTOR SHALL SEEK FINAL DETECTOR PLACEMENT APPROVAL FROM THE CITY OF GAINESVILLE TRAFFIC OPERATIONS SECTION BEFORE BIDDING AND INSTALLATION. CITY OF GAINESVILLE TRAFFIC OPERATIONS CAN BE CONTACTED AT (352) 334-2155.
23. PAY ITEM NO. 663-74-15 TO INCLUDE VIDEO DETECTORS FOR ACTUATION. THE NUMBER AND TYPE OF DETECTORS ARE SHOWN ON THE PLANS. THE PAY ITEM IS TO INCLUDE CAMERAS, A VIDEO DETECTION PROCESSOR (VDP) HOUSED IN A DURABLE METAL ENCLOSURE SUITABLE FOR SHELF MOUNTING, A VIDEO MONITOR, A THREE BUTTON MOUSE (POINTING DEVICE) THAT INTERFACES FULLY WITH THE VDP AND A BLACK AND WHITE VIDEO MONITOR AS NECESSARY TO MAKE THE ACTUATED SIGNAL FULLY OPERATIONAL AND FUNCTIONAL. THE INITIAL DETECTION ZONES SHALL BE 6' X 30' FOR THE SIDE STREETS AND FOR LEFT TURN MOVEMENTS ON THE MAIN STREET. THE ADVANCE DETECTION ZONES SHALL BE 6' X 6'. THE VIDEO DETECTION SYSTEM SHALL BE FULLY COMPATIBLE WITH THE EXISTING SYSTEMS IN PLACE IN ALACHUA COUNTY. THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE CITY OF GAINESVILLE TRAFFIC SIGNALS DIVISION AND ALACHUA COUNTY PUBLIC WORKS DEPARTMENT PRIOR TO BIDDING AND INSTALLATION.

REVISIONS				ENGINEER OF RECORD: STEVEN D. MIKESSELL, P.E. FL LIC. NO. 68703 HNTB 7077 BONNEVAL ROAD, SUITE 600 LIBERTY CORNER JACKSONVILLE, FLORIDA 32218 PHONE: (904) 241-9207 FAX: (904) 241-6600	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		GENERAL NOTES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY		
						ALACHUA	211365-0-03	T-3

mmw/r 10/22/2009 8:25:04 PM GINTSGOJ.DGN

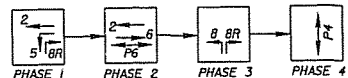
SIGNAL HEAD DETAILS



NOTES:

1. THE MAJOR STREET IS SW 20TH AVENUE (MOVEMENTS 2 & 6) . THE SPEED LIMIT ON SW 20TH AVENUE IS 35 MPH. THE MINOR STREET IS SW 43RD STREET.
2. NO LANE CLOSURES ON FOOTBALL FRIDAYS, WEEKDAY MORNINGS AND AFTERNOONS.
3. THE INTERSECTION SHALL BE WIRED FOR FUTURE CONFIGURATION WHICH INCLUDES FUTURE SIGNAL HEADS, OPTICOM AND VIDEO DETECTION AS SHOWN IN THE PLANS. THE COST SHALL BE INCLUDED IN PAY ITEM 632-7-1.
4. THE WEST ARMS ARE DESIGNED TO ACCOMMODATE THE FUTURE LOADING TREE.

SIGNAL OPERATION PLAN - II (MODIFIED)

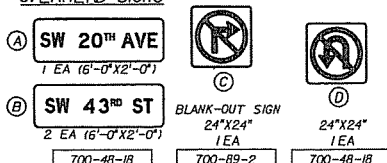


REMOVAL ITEMS

690-10	10 EA
690-32-i	1 EA
690-33-1	50 LF
690-50	1 EA
690-70	2 EA
690-80	2 EA
690-90	1 PI
700-46-15	53 AS

CONTROLLER TIMINGS										
TIMING FUNCTION			1	2	3	4	5	6	7	8
MOVEMENT NUMBER										
TIMING FUNCTION	MINIMUM GREEN	-	15	-	9	-	15	-	-	-
	EXTENSION	-	3.5	-	3.5	-	3.5	-	-	-
	MAXIMUM GREEN 1	-	50	-	30	-	50	-	-	-
	MAXIMUM GREEN 2	-	50	-	30	-	50	-	-	-
	YELLOW CLEARANCE	-	4.0	-	4.0	-	4.0	-	-	-
	ALL RED	-	1.0	-	1.0	-	1.0	-	-	-
	PEDESTRIAN WALK	-	-	-	7	-	7	-	-	-
	PED. CLEARANCE	-	-	-	21	-	26	-	-	-
DETECTOR FUNCTION		-	LOCK	-	NL	-	LOCK	-	-	-
RECALL		-	MIN	-	-	-	MIN	-	-	-

OVERHEAD SIGNS



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD:
STEVEN D. MIKESSELL, P.E.
FL LIC. No. 58703

HNTB

7077 BONNEVAL ROAD, SUITE
LIBERTY CENTER
JACKSONVILLE, FLORIDA 322
PHONE: (904) 966-0207
C. NO. 2899

STATE OF FLORIDA
DEPARTMENT OF TRANSPORTATION

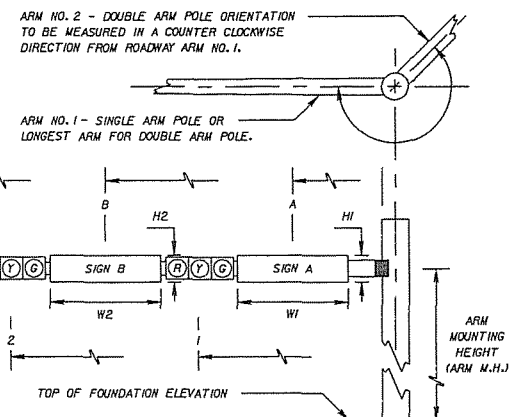
COUNTY	FINANCIAL PROJECT ID
ALACHUA	211365-0-03

SIGNALIZATION PLAN

SHEET
NO.


T-4

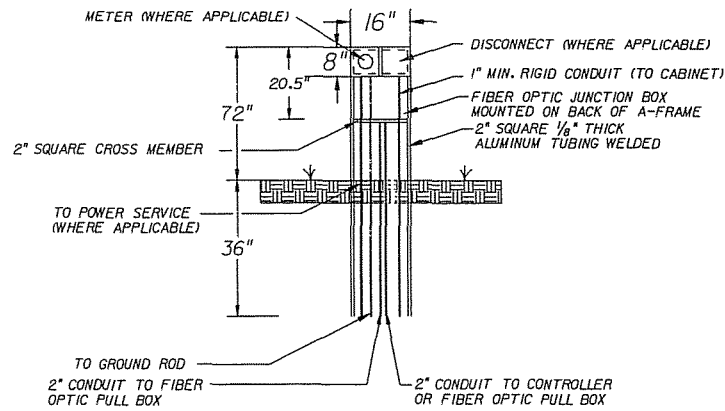
ARM NO. 2 - DOUBLE ARM POLE ORIENTATION
TO BE MEASURED IN A COUNTER CLOCKWISE
DIRECTION FROM ROADWAY ARM NO. 1.



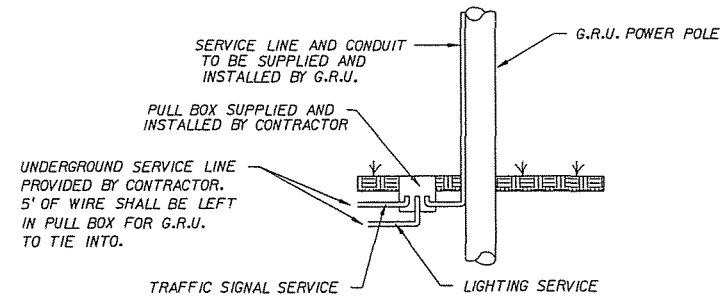
* DENOTES NUMBER OF SECTIONS IN SIGNAL HEAD ASSEMBLY

[illegible]

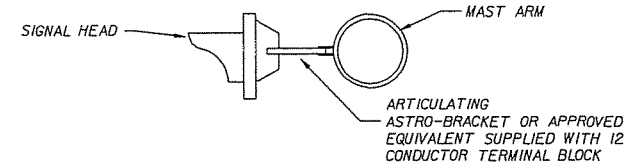
REVISIONS				ENGINEER OF RECORD: STEVEN D. MIKESELL, P.E. FL LIC. No. 56703  7077 BONNEVAL ROAD, SUITE 600 LIBERTY CENTER JACKSONVILLE, FLORIDA 32216 PHONE: (904) 256-0207 FAX: 904 256-0208	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			<i>MAST ARM TABULATION</i>	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		T-5
						ALACHUA	211365-0-03		



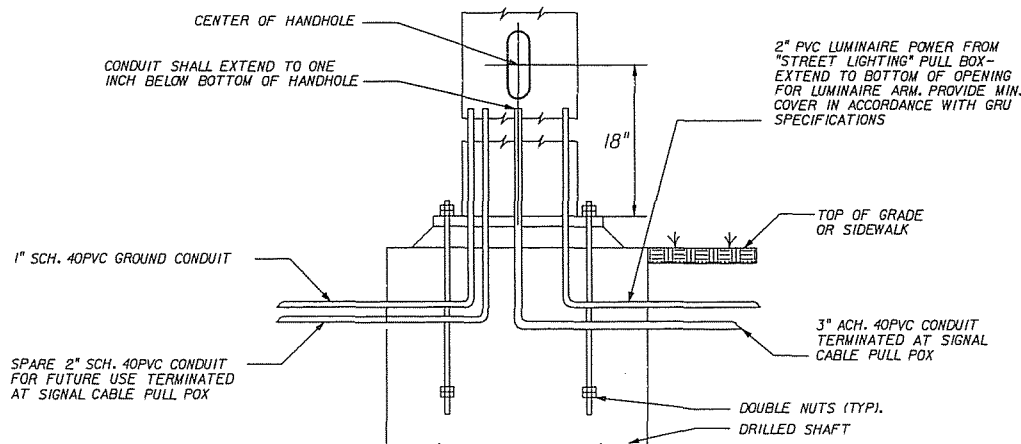
METER / DISCONNECT
FRAME STAND DETAIL
639-1-22
N.T.S.



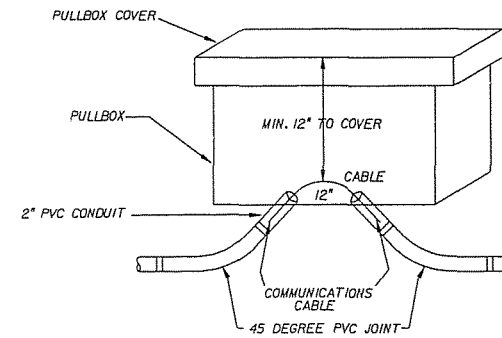
UNDERGROUND POWER
SERVICE DETAIL
N.T.S.



SIGNAL HEAD BRACKET
ATTACHMENT DETAIL
N.T.S.



CANTILEVER SIGNAL STRUCTURE
FOUNDATION AND BASE PLATE DETAIL
NOTE: REINFORCEMENT AND WINGS NOT SHOWN
N.T.S.



COMMUNICATIONS CABLE
CONDUIT INSTALLATION DETAIL

REVISIONS				ENGINEER OF RECORD: STEVEN D. MIKEBELL, P.E. FL LIC. No. 58703 HNTB 7077 BONNEVAL ROAD, SUITE 600 LIBERTY CENTER JACKSONVILLE, FLORIDA 32216 PHONE: (904) 200-0207 FAX: (904) 200-0208	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TRAFFIC SIGNAL DETAILS	SHEET NO. T-7
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ALACHUA	211365-0-03		

merwin 10/22/2009 8:26:40 PM ssd11901.dgn

SIGN NAME	A	STATION(S)	
QUANTITY	1	1	none
WIDTH	6'-0"	2	
HEIGHT	2'-0"	3	
BORDER WIDTH	0.75"	4	
BORDER RADII	3"	5	
PANEL COLOR	Green		
LEGEND	White		
BORDER	White		
SYMBOL(S)	ANGLE	X	Y WID HT
SIGN NUMBER	CLEARANCE EDGE OF LANE	COLUMN SIZE	AVERAGE LENGTH

SW 20TH AVE

COPY	B	W	Z	O	T	H	A	V	E	L					
SPACE	3.9	61	7.1	8	7	6.7	1	6.1	2.7	4	7.3	7.3	6	3.9	64.2
COPY															
SPACE															
COPY															
SPACE															
COPY															
SPACE															
COPY															
SPACE															
COPY															
SPACE															

SIGN NAME	B	STATION(S)	
QUANTITY	2	1	none
WIDTH	6'-0"	2	
HEIGHT	2'-0"	3	
BORDER WIDTH	0.75"	4	
BORDER RADII	3"	5	
PANEL COLOR	Green		
LEGEND	White		
BORDER	White		
SYMBOL(S)	ANGLE	X	Y WID HT
SIGN NUMBER	CLEARANCE EDGE OF LANE	COLUMN SIZE	AVERAGE LENGTH

SW 43RD ST

COPY	B	W	Z	O	T	H	A	V	E	L					
SPACE	304.3	61	7.1	8	7	6.7	1	6.1	2.7	4	7.3	7.3	6	133	64.2
COPY															
SPACE															
COPY															
SPACE															
COPY															
SPACE															
COPY															
SPACE															
COPY															
SPACE															

DATE	DESCRIPTION	DATE	DESCRIPTION
</			

OVERHEAD STREET NAME SIGN NOTES:

1. SIGN SIZES SHALL BE A MINIMUM OF 24"x72" TO A MAXIMUM OF 24"x96". THE SIZE OF THE SIGN SHALL BE INCREASED IN 6" INCREMENTS IF ANY. CONTRACTOR SHALL NOT REDUCE LETTER SPACING UNLESS MESSAGE WILL NOT FIT ON PANEL. METAL SHALL BE MINIMUM .0125 ALUMINUM.
2. SHEETING FOR OVERHEAD STREET NAME SIGNS SHALL BE TYPE III RETRO-REFLECTIVE FOR LEGENDS, BORDER AND BACKGROUND.
3. AVOID ABBREVIATION, IF ABSOLUTELY NECESSARY, USE THE FOLLOWING: BOULEVARD (BLVD), AVENUE (AVE), STREET (ST), TERRACE (TERR), PLACE (PL), DRIVE (DR), ROAD (RD), LANE (LN).
4. PLACEMENT TO THE EXTENT POSSIBLE, PANELS WILL BE ATTACHED TO THE RIGHT OF THE OUTSIDE MOST SIGNAL HEAD MAINLINE ONLY (EXCEPT WHERE TWO STATE ROADS OR TWO MAJOR GENERATORS CROSS).
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING THE MESSAGES WITH THE LOCAL MAINTAINING AGENCY BEFORE FABRICATING THE SIGNS. SHOP DRAWINGS WILL BE REQUIRED.
6. OUTSIDE CORNERS OF SIGN FACE TO BE CUT CONCENTRIC WITH BORDER. BORDER TO BE MOUNTED PARALLEL TO EDGE OF SIGN.
7. SIGN PANEL INSTALLATION TO INCLUDE ALL ATTACHMENT HARDWARE REQUIRED FOR INSTALLING OVERHEAD STREET NAME SIGN ON NEW MAST ARMS INCLUDING WIND BEAMS.

**ALACHUA COUNTY
PUBLIC WORKS DEPARTMENT**

CONTRACT PLANS

FINANCIAL PROJECT ID 211365-0-03
FEDERAL AID PROJECT NO. S124-002R
ALACHUA COUNTY (51240)
SMART BUS BAY ON
SOUTHWEST 20TH AVENUE

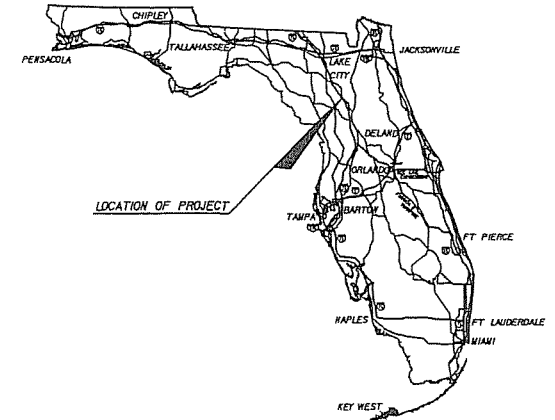
**INDEX OF SIGNING AND
PAVEMENT MARKING PLANS**

SHEET NO.	SHEET DESCRIPTION
S-1	KEY SHEET
S-2	TABULATION OF QUANTITIES
S-3	GENERAL NOTES
S-4	SIGNING AND PAVEMENT MARKING PLAN

SIGNING AND PAVEMENT MARKING PLANS

GOVERNING STANDARDS AND SPECIFICATIONS:
FLORIDA DEPARTMENT OF TRANSPORTATION,
DESIGN STANDARDS DATED 2008 AND
STANDARD SPECIFICATIONS FOR ROAD
AND BRIDGE CONSTRUCTION, DATED 2007,
AS AMENDED BY CONTRACT DOCUMENTS.

REVISIONS



ROADWAY SHOP DRAWINGS
TO BE SUBMITTED TO:

TERREL SHAW, P.E.
HNTB CORPORATION
7077 BONNEVAL ROAD
SUITE 600, LIBERTY CENTER
JACKSONVILLE, FL 32216
PHONE NO. (904) 298-0207
FAX NO. (904) 279-0280

PLANS PREPARED BY:

HNTB

HNTB CORPORATION
7077 BONNEVAL ROAD
SUITE 600, LIBERTY CENTER
JACKSONVILLE, FL 32216
PHONE NO. (904) 298-0207
FAX NO. (904) 279-0280
CERT. OF AUTH. NO. 6500

NOTE: THE SCALE OF THESE PLANS MAY
HAVE CHANGED DUE TO REPRODUCTION.

**PHASE II SUBMITTAL
AUGUST 2009**

KEY SHEET REVISIONS		
DATE	BY	DESCRIPTION

ROADWAY PLANS
ENGINEER OF RECORD: TERREL SHAW, P.E.

P.E. NO. 50096

FISCAL YEAR	SHEET NO.
10	S-1

ALACHUA COUNTY PROJECT MANAGER: HA NGUYEN

EXHIBIT 4

TABULATION OF QUANTITIES

[illegible]

NOTE: PAY ITEM NO. 710-90, PAINTED PAVEMENT MARKINGS, SHALL BE PLACED AS PER PLAN FOR TEMPORARY PAVEMENT MARKINGS. QUANTITIES ARE AS PER THE CORRESPONDING THERMOPLASTIC PAVEMENT MARKINGS.

REVISIONS				<div>ENGINEER OF RECORD: TERRILL SHAW, P.E. L.C. No. 50095</div> <div>HNTB</div> <div>7077 BONNEVAL ROAD, SUITE 600 LIBERTY CENTER JACKSONVILLE, FLORIDA 32216 PHONE: (904) 266-0207 FAX: (904) 266-0207</div>	<div>ALACHUA COUNTY</div> <div>PUBLIC WORKS DEPARTMENT</div>			SHEET NO.																							
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID											ALACHUA	211365-0-03		S-2						TABULATION OF QUANTITIES				
ROAD NO.	COUNTY	FINANCIAL PROJECT ID																													
					ALACHUA	211365-0-03		S-2																							
					TABULATION OF QUANTITIES																										

SIGNING AND PAVEMENT MARKING GENERAL NOTES

1. PAVEMENT MARKINGS SHALL BE PLACED AS SHOWN IN THE TRAFFIC DESIGN STANDARDS. SIGNING AND PAVEMENT MARKING SHALL BE INSTALLED IN ACCORDANCE WITH THE 2003 EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
2. ALL EXISTING ALACHUA COUNTY, CITY OF GAINESVILLE, OR RTA SIGNS THAT CONFLICT WITH CONSTRUCTION OPERATIONS SHALL BE REMOVED, STOCKPILED AND RELOCATED BY THE CONTRACTOR. SIGN REMOVAL SHALL BE DIRECTED BY THE PROJECT ENGINEER.
3. CAUTION SHALL BE EXERCISED WHILE RELOCATING EXISTING SIGNS TO PREVENT UNNECESSARY DAMAGE TO SIGNS. IF THE SIGNS ARE DAMAGED BEYOND USE, AS DETERMINED BY THE PROJECT ENGINEER, SIGNS SHALL BE REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
4. EXISTING SIGNS SHALL REMAIN UNLESS OTHERWISE NOTED.
5. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE NOTED IN THE PLANS. THE QUANTITIES FOR PAINTED PAVEMENT MARKINGS, INDICATED IN THE TABLE OF QUANTITIES ON SHEET S-2, SHALL BE PLACED AS PER PLAN FOR TEMPORARY PAVEMENT MARKINGS. THE QUANTITIES FOR TEMPORARY PAVEMENT MARKINGS SHALL CORRESPOND TO THE THERMOPLASTIC PAVEMENT MARKINGS.
6. PAINTED PAVEMENT MARKINGS SHALL BE APPLIED BEFORE ROADWAY IS OPENED TO TRAFFIC. THERMOPLASTIC PAVEMENT MARKINGS TO BE APPLIED A MINIMUM OF 30 DAYS AFTER THE FINAL PAVEMENT MARKINGS HAVE BEEN CONSTRUCTED.
7. REFER TO F.D.O.T DESIGN STANDARDS INDEX No 17352 FOR RETRO-REFLECTIVE PAVEMENT MARKER PLACEMENT DETAILS.
8. THE SIGN LOCATIONS SHOWN ARE APPROXIMATE AND MAY REQUIRE FIELD ADJUSTMENT AS DIRECTED BY THE ENGINEER.
9. ALL ROUTE MARKER AUXILIARY PANELS SHALL MATCH THE COLOR COMBINATION OF THE RESPECTIVE MARKER WHICH THEY SUPPLEMENT.
10. ANY EXISTING SIGN TO REMAIN THAT IS DISTURBED DURING CONSTRUCTION OR RELOCATED SHALL BE RESET TO CURRENT STANDARDS FOR HEIGHT, OFFSET, AND METHOD OF INSTALLATION. COST OF THIS WORK SHALL BE AT CONTRACTOR'S EXPENSE.
11. THE CONTRACTOR SHALL MAINTAIN AND KEEP STREET NAME IDENTIFICATION SIGNS VISIBLE DURING CONSTRUCTION OPERATIONS IN ORDER TO FACILITATE EMERGENCY VEHICLE TRAFFIC.
12. EXISTING SIGN PANELS AND/OR SIGN ASSEMBLIES TO BE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND DISPOSED OF AT THE CONTRACTOR'S EXPENSE. REMOVED SIGNS SHALL BE STOCKPILED IN A SECURE LOCATION AWAY FROM TRAFFIC, AS DESIGNATED BY THE ENGINEER. ALL SIGN ASSEMBLIES SCHEDULED FOR REMOVAL SHALL BE REMOVED FROM THE PROJECT SITE BY THE CONTRACTOR WITHIN 48 HOURS OF REMOVAL.
13. MATCH EXISTING PAVEMENT MARKINGS AT THE BEGINING AND END OF PROJECT AND AT ALL SIDE STREETS.

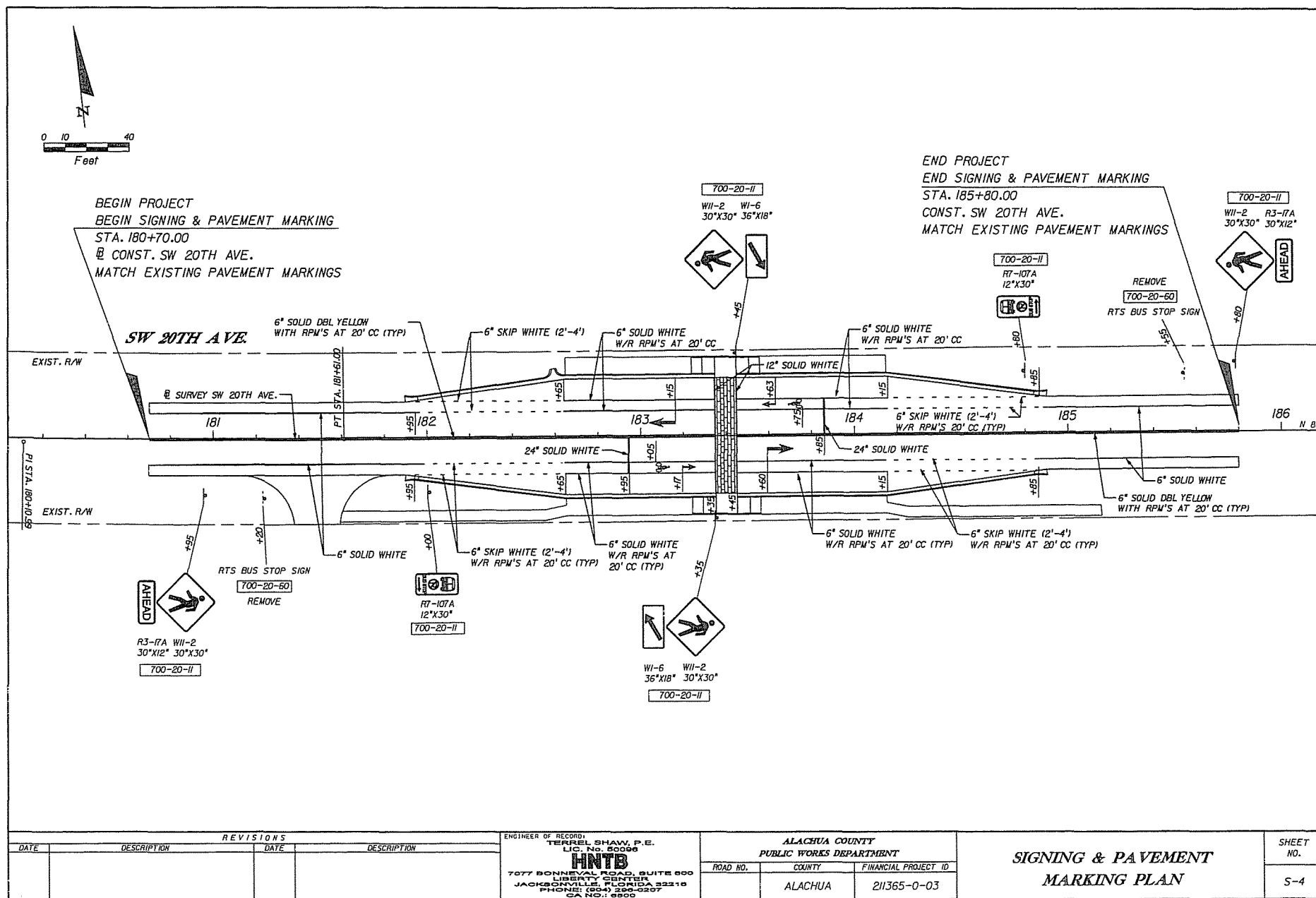
REVISIONS				ENGINEER OF RECORD: TERREL SHAW, P.E. LIC. No. 60096 HNTB 7077 BONNEVAL ROAD, SUITE 600 LIBERTY CENTER JACKSONVILLE, FLORIDA 32216 PHONE: (904) 255-0207 CA NO.: 6500	ALACHUA COUNTY PUBLIC WORKS DEPARTMENT			GENERAL NOTES	SHEET NO. S-3
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ALACHUA	211365-0-03		

ms/rw/11

08/10/2009

5:43:50 PM

CHNTSP09.DGN



**ALACHUA COUNTY
PUBLIC WORKS DEPARTMENT**

CONTRACT PLANS

FINANCIAL PROJECT ID 211365-0-03
FEDERAL AID PROJECT NO. S124-002R
ALACHUA COUNTY (51240)
SMART BUS BAY ON
SOUTHWEST 20TH AVENUE

SIGNALIZATION PLANS

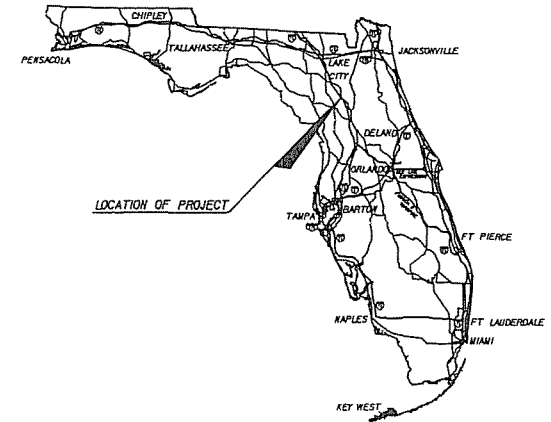
INDEX OF SIGNALIZATION PLANS

SHEET NO.	SHEET DESCRIPTION
T-1	KEY SHEET
T-2	TABULATION OF QUANTITIES
T-3	GENERAL NOTES
T-4	SIGNALIZATION PLAN
T-5 - T-6	COMMUNICATION PLANS
T-7	MAST ARM TABULATION
T-8	TABLE OF VARIABLES FOR MAST ARM ASSEMBLIES
T-9	TRAFFIC SIGNAL DETAILS
T-10	GUIDESIGN WORKSHEET

GOVERNING STANDARDS AND SPECIFICATIONS:
FLORIDA DEPARTMENT OF TRANSPORTATION,
DESIGN STANDARDS DATED 2010,
AND STANDARD SPECIFICATIONS FOR ROAD AND
BRIDGE CONSTRUCTION DATED 2007,
AS AMENDED BY CONTRACT DOCUMENTS.

APPLICABLE DESIGN STANDARDS MODIFICATIONS: TBA
For Design Standards modifications click on:
<http://www.dot.state.fl.us/rddesign/>

REVISIONS



SIGNALIZATION SHOP DRAWINGS
TO BE SUBMITTED TO:

STEVEN D. MIKESELL, P.E.
HNTB CORPORATION
7077 BONNEVAL ROAD
SUITE 600, LIBERTY CENTER
JACKSONVILLE, FL 32216
PHONE NO. (904) 298-0207
FAX NO. (904) 270-0260

PLANS PREPARED BY:

HNTB

HNTB CORPORATION
7077 BONNEVAL ROAD
SUITE 600, LIBERTY CENTER
JACKSONVILLE, FL 32216
PHONE NO. (904) 298-0207
FAX NO. (904) 270-0260
CERT. OF AUTH. NO. 6500

NOTE: THE SCALE OF THESE PLANS MAY
HAVE CHANGED DUE TO REPRODUCTION.

**PHASE II SUBMITTAL
AUGUST 2009**

SIGNALIZATION PLANS
ENGINEER OF RECORD: STEVEN D. MIKESELL, P.E.

P.E. NO. 58703


FISCAL YEAR	SHEET NO.
10	T-1

TABULATION OF QUANTITIES

[illegible]

AS

1

REVISIONS				ENGINEER OF RECORD: STEVEN D. MIKESSELL, P.E. FL LIC. No. 59703  7077 BONNEVAL ROAD, SUITE 600 LIBERTY CENTER JACKSONVILLE, FLORIDA 32216 PHONE: (904) 285-0207 FAX: (904) 285-0200	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TABULATION OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		T-2
						ALACHUA	211365-0-03		

GENERAL NOTES:

1. THE CONTRACTOR SHALL NOTIFY THE CITY OF GAINESVILLE TRAFFIC OPERATION DEPARTMENT MR. TRAVIS LAW AT (352) 334-2555, AT LEAST 24 HOURS IN ADVANCE OF SETUP OF VIDEO DETECTION ZONES SO HE MAY OBSERVE THEIR INSTALLATION IF HE SO DESIRES.
2. IT SHOULD BE NOTED NO TEST BORINGS WERE MADE WHERE CONDUIT RUNS ARE TO BE INSTALLED BY JACKING OR TRENCHING. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO EXAMINE THE JOB SITE CONDITIONS BEFORE SUBMITTING BID PROPOSALS IN ACCORDANCE WITH SECTION 2-4 OF THE FDOT SPECIFICATIONS.
3. THE CONTRACTOR SHALL ADHERE TO ALL CITY AND COUNTY ORDINANCES AND STATE REGULATIONS DURING ALL CONSTRUCTION OPERATIONS.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION OF EXISTING UTILITIES, BOTH HORIZONTAL AND VERTICAL PRIOR TO ANY BORES AT THE DIRECTION OF THE ENGINEER. THIS SHOULD BE PERFORMED BY VACUUM EXCAVATION OR COMPARABLE NON DESTRUCTIVE EQUIPMENT. ALL RIGHT-OF-WAY SHALL BE RESTORED TO THE CONDITION WHICH EXISTED PRIOR TO THE BORE.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE COMPANY PROVIDING ELECTRICAL POWER TO DETERMINE IF A SERVICE PROCESSING FEE IS REQUIRED. IF REQUIRED, FEE SHALL BE INCLUDED AS PART OF PAYMENT FOR ELECTRICAL POWER SERVICE ASSEMBLY.
6. THE CONTRACTOR SHALL VERIFY THE COLOR CODES OF THE SIGNAL CABLE WITH THE CITY OF GAINESVILLE BEFORE ORDERING.
7. THE CONTRACTOR SHALL PROVIDE A TWO MAN BUCKET TRUCK AND ASSIST THE FDOT INSPECTOR IN PHYSICALLY EXAMINING EACH SIGNAL HEAD THE SAME DAY IT IS ERECTED.
8. AT THE TIME OF FINAL PROJECT INSPECTION, THE CONTRACTOR SHALL FURNISH THE INSPECTOR THREE COMPLETE SETS OF AS-BUILT PLANS.
9. CONCRETE AREAS DISTURBED BY THE INSTALLATION OF PULL BOXES, "A-FRAMES", CONTROLLER CABINETS, SIGNAL POLES AND PEDESTRIAN POLES SHALL BE REPLACED. REPLACEMENT SHALL BE TO THE NEAREST EXPANSION JOINT.
10. NO POLYCARBONATE HOUSING OR MOUNTING HARDWARE WILL BE PERMITTED FOR VEHICULAR OR PEDESTRIAN SIGNAL HEAD ASSEMBLIES. ALL INDICATIONS FOR VEHICULAR AND PEDESTRIAN SIGNAL HEAD ASSEMBLIES SHALL BE LED.
11. ALL CONDUIT SHALL BE 2" MINIMUM UNLESS OTHERWISE SPECIFIED IN PLANS, EXCEPT ELECTRICAL POWER SERVICE DUCT.
12. PAYMENT FOR ELECTRICAL SERVICE WIRE NOT IN THE VERTICAL ASSEMBLY WILL BE PAID FOR PER LINEAR FOOT OF A SINGLE CONDUCTOR.
13. A MANUAL PUSH BUTTON CORD SHALL BE FURNISHED IN ALL CONTROLLER CABINETS.
14. DURING PRE-EMPTION, ALL DIRECTIONS SHALL BE RED WITH THE EXCEPTION OF THE APPROACH DIRECTION, WHICH SHALL BE GREEN.
15. UNLESS SPECIFIED OTHERWISE, ALL PULL BOX COVERS TO BE FURNISHED AND INSTALLED SHALL BE NON-METALLIC.
16. AS DIRECTED BY THE PROJECT ENGINEER, THE CONTRACTOR SHALL ADJUST CONDUIT & PULL BOXES HORIZONTALLY AND/OR VERTICALLY IN ORDER TO AVOID ANY POSSIBLE CONFLICTS WITH UNDERGROUND UTILITIES.
17. ALL FIELD WIRING SHALL BE NEATLY BUNDLED AND CLEARLY IDENTIFIED WITH PERMANENT, LEGIBLE, WEATHERPROOF TAGS THAT ARE SECURELY ATTACHED TO EACH CABLE. THE TAGGING SYSTEM PROPOSED SHALL BE SUBMITTED FOR APPROVAL WITH THE OTHER EQUIPMENT SUBMITTALS REQUIRED FOR THIS PROJECT.
18. ALL SIGNAL EQUIPMENT THAT IS REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN A PLACE PROVIDED BY THE CONTRACTOR UNLESS OTHERWISE NOTED IN THE PLANS.
19. IF REQUIRED, THE CONTRACTOR SHALL PROVIDE THE NECESSARY EQUIPMENT FOR SUPPORTING EXISTING UTILITY AND/OR SIGNAL POLES DURING CONSTRUCTION OF NEW MAST ARMS AND MAST ARM FOUNDATIONS. THE CONTRACTOR SHALL COORDINATE THIS EFFORT WITH THE UTILITY COMPANIES AND/OR THE LOCAL MAINTAINING AGENCY. PAYMENT TO BE INCLUDED IN THE ASSOCIATED MAST ARM PAY ITEM NUMBER.
20. ALL PEDESTRIAN SIGNAL INDICATIONS SHALL BE COUNT-DOWN PEDESTRIAN SIGNAL INDICATIONS AND ALL PEDESTRIAN SIGNALS SHALL HAVE INTERNATIONAL SYMBOLS AND BE COUNTDOWN.
21. WHEN JACKING CONDUIT UNDER PAVEMENT THE CONTRACTOR MAY USE A FDOT APPROVED GUIDED BORING SYSTEM AS AN ALTERNATE METHOD OF CONSTRUCTION. AN ACCEPTABLE METHOD IS THE DITCH WITCH JET-TRAC OR EQUIVALENT.
22. WHEN THE CONTRACTOR IS REMOVING EXISTING TWISTED PAIR CABLE AND/OR PULLING NEW FIBER OPTIC CABLE THE CONTRACTOR SHALL TAKE EVERY PRECAUTION SO NOT TO DAMAGE ANY EXISTING FIBER OPTIC CABLE STILL IN SERVICE. DAMAGED FIBER OPTIC CABLE SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
23. AN EXCAVATION EXCEEDING 18 INCHES SHALL BE DONE BY HAND WITHIN 5 FEET OF ANY FIELD LOCATED UNDERGROUND UTILITY.
24. WHEN A CONTRACTOR IS WORKING ON SIGNAL WORK IN AN INTERSECTION (INSTALLING CONDUIT IN THE STREET, REMOVING EXISTING SIGNAL EQUIPMENT, INSTALLING NEW SIGNAL EQUIPMENT AND RUNS AND TURNING ON OF NEW SIGNALS) WHERE A LANE IS TO BE CLOSED, AN OFF-DUTY LAW ENFORCEMENT OFFICER SHALL DIRECT TRAFFIC. THE HOURLY RATE OF PAY FOR AN OFF-DUTY LAW ENFORCEMENT OFFICER CAN BE OBTAINED FROM THE OFFICE OF THE LAW ENFORCEMENT OFFICER. THIS COST SHALL BE INCLUDED IN PAY ITEM 102-1(WOT).
25. MAINTENANCE OF TRAFFIC SHALL CONFORM TO FDOT DESIGN STANDARDS.
26. THE CONTRACTOR SHALL NOTIFY THE SUNSHINE STATE ONE CALL AT 1-800-432-4770 AND THE APPROPRIATE UTILITY COMPANIES LISTED IN THE TABLE BELOW AT LEAST 2 FULL BUSINESS DAYS IN ADVANCE OF POLE CONSTRUCTION OPERATIONS, WHERE CONFLICT WITH UNDERGROUND UTILITIES OR OVERHEAD ELECTRICAL CONDUCTORS IS EXPECTED AND IN ALL CASES WHERE JOINT USE POLES ARE CALLED FOR.

CLAY ELECTRIC	STEVE LAW	352-337-8115
COX COMMUNICATIONS	GARY HARRELL	352-337-2052
GRU WASTEWATER /WATER	JASON SPARKS	352-393-1642
GRU ELECTRIC	WALLY SEALEY	352-334-3400 EXT 6056
GRU GAS	MIKE BROWN	352-393-1466
AT&T	EVERETT SPARKS	352-337-9147

SPECIAL NOTES:

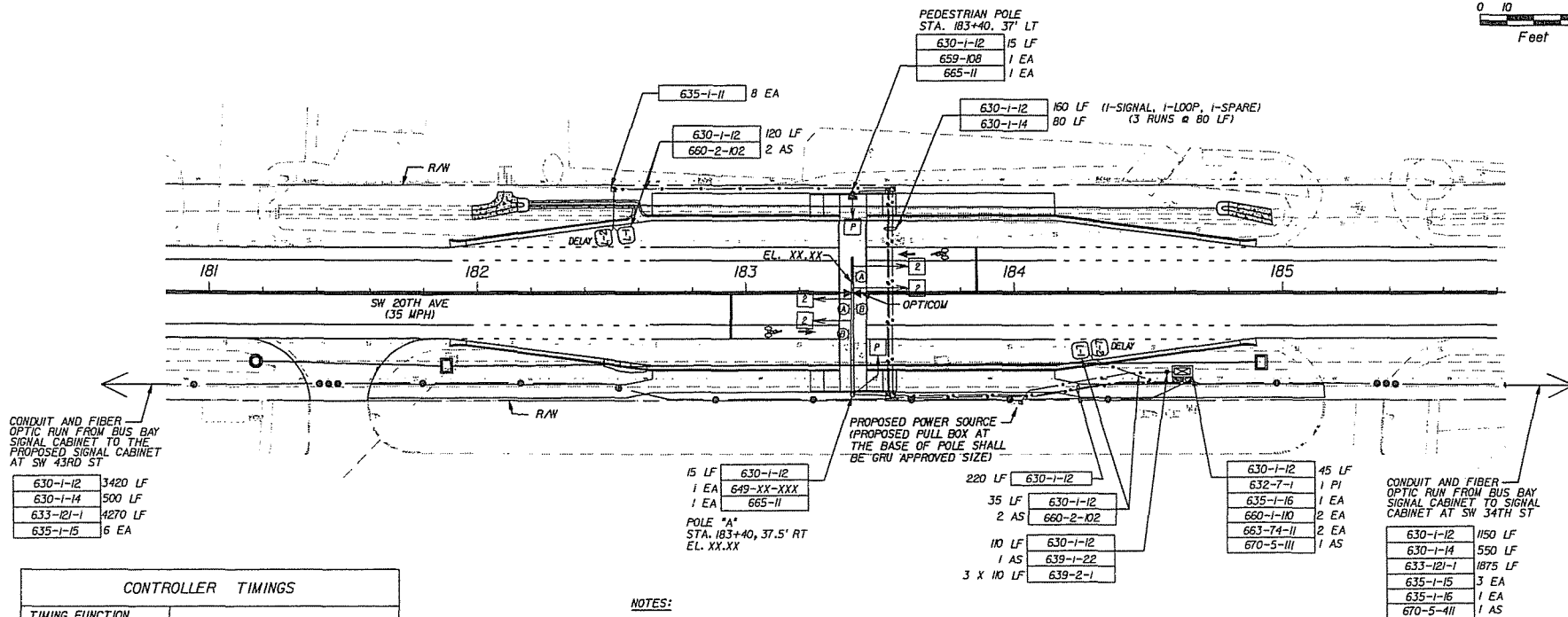
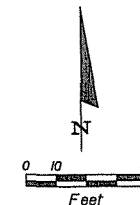
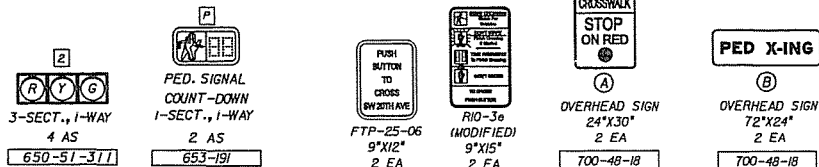
1. THE COST OF FURNISHING AND INSTALLING THE FTP-25-06 AND R10-36 (INTERNATIONAL) SIGNS SHALL BE INCLUDED IN PAY ITEM 665-II.
2. SIGNAL PEDESTAL AND SIGNAL POLE STATWORKING AND OFFSETS MAY REQUIRE MINOR ADJUSTMENTS IN THE FIELD TO ENSURE HORIZONTAL CLEARANCE FROM FACE OF CURB TO CLOSEST SURFACE OF POLE AND WITHIN ROADWAY RIGHT-OF-WAY AND TO MAINTAIN A 4.0' MINIMUM SIDEWALK WIDTH. ANY RELOCATED POLES SHALL BE PLACED TO PROVIDE THE MAXIMUM SIDEWALK CLEARANCE POSSIBLE WITHIN ROADWAY RIGHT-OF-WAY.
3. CONTRACTOR TO HAND DIG THE FIRST 4.0' OF POLE FOUNDATIONS AND CONTACT THE APPROPRIATE UTILITY COMPANIES FOR LOCATES 2 FULL BUSINESS DAYS PRIOR TO ANY EXCAVATION.
4. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL MAST ARM AND ROADWAY ELEVATIONS PRIOR TO FABRICATING MAST ARMS.
5. THE CONTRACTOR IS TO PROVIDE THREE ADDITIONAL CONDUIT RUNS PULLED AND CAPPED FROM THE CONTROLLER TO THE NEAREST PULL BOXES.
6. ALL PEDESTRIAN PHASES TO BE PUSH BUTTON ACTUATED WITH SOLID STATE SWITCH, MOMENTARY LED AND TONE (EX. BULLDOG PUSH BUTTON).
7. THE CONTRACTOR SHALL CONTACT PHILIP MANN, (352) 334-5074, AT THE CITY OF GAINESVILLE TRAFFIC OPERATION DEPARTMENT TO OBTAIN A COLOR CHIP FOR THE PAINTING OF PEDESTRIAN POLES AND MAST ARM POLES. THE BRAND OF PAINT SHALL BE DETERMINED BY THE POLE MANUFACTURER. PAINT SHALL BE APPLIED PER SPECIFICATION 649 AND 563.
8. ANY REQUIRED FIELD TOUCH-UP OF PAINTED SURFACES SHALL BE IDENTIFIED BY THE FDOT ENGINEER. ALL PAINT APPLIED IN THE FIELD SHALL BE DONE WITH BRUSH, ROLLER OR GLOVE. NO SPRAY PAINTING SHALL BE ALLOWED.
9. INTERCONNECT/FIBER OPTIC CABLE AND SIGNAL CABLE ARE TO BE PLACED IN SEPARATE CONDUITS AND PULL BOXES.
10. FIBER OPTIC CABLE SHALL BE MINIMUM 24 SINGLE MODE LOOSE TUBE, DRY BULK, DIELECTRIC HYBRID PE CABLE AND WILL INCLUDE A 14 AWG, SINGLE CONDUCTOR WIRE PULLED IN THE SAME CONDUIT AS THE FIBER OPTIC CABLE FOR LOCATING.
11. FINAL SIGNAL POLE PLACEMENT SHALL BE A MINIMUM OF 6' FROM ALL OVERHEAD UTILITIES.
12. SIGNAL HEADS SHALL BE LOCATED AS SHOWN IN THE PLANS. A MINIMUM OF 8' HORIZONTAL SEPARATION BETWEEN SIGNAL HEADS SHALL BE MAINTAINED FOR EACH MOVEMENT.
13. ALL ASTRO BRACKETS SHALL ARTICULATE AND HAVE BUILT INTO THE HOUSING A 12" (MINIMUM) CONDUCTOR TERMINAL STRIP, FIELD MODEL #A8012 OR APPROVED EQUIVALENT.
14. THE CONTRACTOR SHALL VERIFY STREET NAME SIGN MESSAGES PRIOR TO FABRICATION. BLOCK NUMBERS AND/OR ARROWS MAY BE REQUIRED.
15. MAXIMUM SIGNAL TIMINGS, PRE-EMPTION TIMINGS AND SYSTEM TIMINGS ARE TO BE PROVIDED BY THE CITY OF GAINESVILLE. CONTACT PHILIP MANN AT THE CITY OF GAINESVILLE TRAFFIC OPERATION DEPARTMENT, (352) 334-5074, FOR THE REQUIRED INFORMATION.
16. IN ADDITION TO THE REQUIREMENTS SET FORTH IN THE FDOT SPECIFICATIONS, ELECTRICAL POWER SERVICE IS TO INCLUDE CONSTRUCTING WETTER/DISCONNECT FRAME STAND PER DETAIL SHOWN ON THE TRAFFIC SIGNAL DETAILS SHEET. HEIGHT OF THE A-FRAME TO BE DETERMINED BASED UPON THE HEIGHT REQUIREMENTS FROM THE POWER COMPANY FOR THE DISCONNECT.
17. PAY ITEM NO. 639-I-22 SHALL INCLUDE PAYMENT FOR THE "A" FRAME, DISCONNECT DETAILED IN THE PLANS.
18. WHERE MULTIPLE CONDUIT RUNS CROSS THE MAINLINE AND/OR SIDE STREET, THE FIRST RUN ACROSS EACH LEG SHALL BE PAID FOR UNDER PAY ITEM 630-I-14. EACH ADDITIONAL RUN SHALL BE PAID FOR UNDER PAY ITEM 630-I-12.
19. PAYMENT FOR POWER SERVICE PULL BOXES TO BE INCLUDED UNDER PAY ITEM NO. 635-I-11.
20. YELLOW FLASHING BEACONS AND RED FLASHING BEACONS WILL BE USED TO CONTROL TRAFFIC ON MAJOR AND MINOR ROADS DURING FLASHING OPERATION, RESPECTIVELY.
21. THE CONTRACTOR SHALL ADJUST, AS DIRECTED BY THE ENGINEER, THE LOCATIONS OF THE POLES, CONDUITS, PULL BOXES, ETC. TO AVOID ANY UTILITY CONFLICTS.
22. PAY ITEM NUMBER 670-5-II SHALL INCLUDE HAZTEC TYPE-11 CONTROLLER CABINET W/ETHERNET, HAZTEC TS-2 TYPE-1 (NEW) CONTROLLER, GENERATOR PLUG, CISCO INDUSTRIAL SWITCH AND LED WU.
23. PAY ITEM NO. 663-74-II SHALL INCLUDE AN URBAN AREA PREEMPTION SYSTEM. THIS SYSTEM SHALL BE FULLY COMPATIBLE WITH THE EXISTING CITY OF GAINESVILLE PREEMPTION SYSTEM (3W OPTICOM). ALL NECESSARY EQUIPMENT SHALL BE PAID FOR UNDER THIS BID ITEM NUMBER. NECESSARY EQUIPMENT SHALL INCLUDE BUT NOT BE LIMITED TO:
 - 3W OPTICOM PHASE SELECTOR MODEL 754 CHANNELS,
 - 3W OPTICOM MODEL 757 AUXILIARY DETECTOR/GREEN SENSE HARNESS,
 - 3W OPTICOM DETECTOR CABLE MODEL 138 (APPROXIMATELY 200 FEET PER RUN),
 - 3W OPTICOM DETECTOR MODELS 711, 721 OR 722 DEPENDING ON INTERSECTION LAYOUT.
 THE CONTRACTOR SHALL SEEK FINAL DETECTOR PLACEMENT APPROVAL FROM THE CITY OF GAINESVILLE TRAFFIC OPERATIONS SECTION BEFORE BIDDING AND INSTALLATION. CITY OF GAINESVILLE TRAFFIC OPERATIONS CAN BE CONTACTED AT (352) 334-2555.

REVISIONS				ENGINEER OF RECORD: STEVEN D. MIKEBELL, P.E. FL LIC. NO. 58701 HNTB 7077 BONNEVAL ROAD, SUITE 800 LIBERTY CENTER JACKSONVILLE, FLORIDA 32216 PHONE: (904) 209-0207 CA NO. 1-6600	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. T-3
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						ALACHUA	211365-0-03	

GENERAL NOTES

08/10/2009 5:37:44 PM DWT1500.DGN

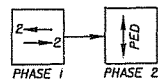
SIGNAL HEAD DETAILS



CONTROLLER TIMINGS

TIMING FUNCTION								
MOVEMENT NUMBER	1	2	3	4	5	6	7	P
MINIMUM GREEN	-	15	-	-	-	-	-	0
EXTENSION	-	3.5	-	-	-	-	-	-
MAXIMUM GREEN 1	-	50	-	-	-	-	-	-
MAXIMUM GREEN 2	-	50	-	-	-	-	-	-
YELLOW CLEARANCE	-	4.0	-	-	-	-	-	-
ALL RED	-	1.0	-	-	-	-	-	-
PEDESTRIAN WALK	-	-	-	-	-	-	-	7
PED. CLEARANCE	-	-	-	-	-	-	-	16
DETECTOR FUNCTION	-	LOCK	-	-	-	-	-	NL
RECALL	-	MIN	-	-	-	-	-	-

SOP - 1 (MODIFIED)



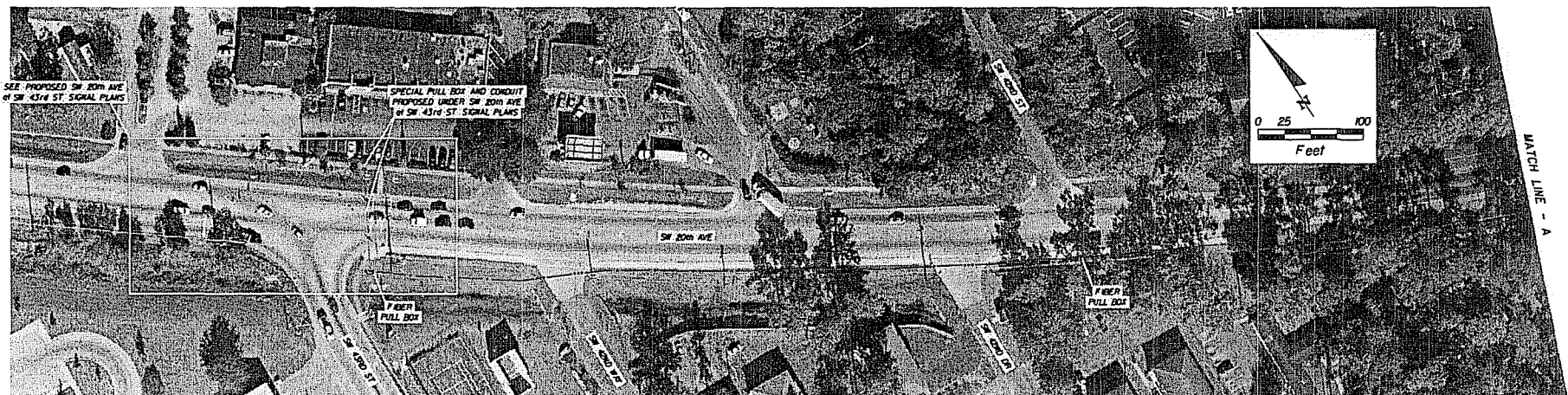
NOTES:

1. THE MAJOR STREET IS SW 20TH AVENUE (MOVEMENTS 2). THE SPEED LIMIT ON SW 20TH AVENUE IS 35 MPH.
2. NO LANE CLOSURES ON FOOTBALL FRIDAYS, WEEKDAY MORNINGS AND AFTERNOONS.
3. THE CONTRACTOR SHALL RUN FIBER OPTIC CABLE AND CONDUIT ALONG (SOUTH SIDE) BACK OF SIDEWALK OR IN THE UTILITY STRIP ON SW 20TH AVENUE FROM SW 43RD STREET SIGNAL CABINET TO SW 34TH STREET SIGNAL CABINET.
4. THE CONTRACTOR IS RESPONSIBLE FOR FIELD LOCATING THE PROPOSED FIBER OPTIC CABLE SIGNAL INTERCONNECT UNDER THE DIRECTION OF THE PROJECT ENGINEER. THE PROPOSED LOCATION OF THE FIBER OPTIC CABLE SIGNAL INTERCONNECT SHOWN ON THESE PLANS IS PRELIMINARY. ESTIMATED QUANTITIES ARE PROVIDED BASED ON THE PRELIMINARY INFORMATION. THE CONTRACTOR IS RESPONSIBLE FOR ALL UTILITY COORDINATION AND THE FINAL DESIGN/PLACEMENT OF THE FIBER. THE CONTRACTOR IS ALSO RESPONSIBLE FOR PROVIDING AS-BUILT PLANS IN ACCORDANCE WITH THE COUNTY AND CITY OF GAINESVILLE REQUIREMENTS FOR THE SIGNAL INTERCONNECT.
5. THE QUANTITIES SHOWN FOR FIBER OPTIC CABLE INCLUDES 25 LF OF SLACK IN EACH INTERMEDIATE FIBER OPTIC FULL BOX AND 50 LF OF SLACK IN THE SPECIAL PULL BOX NEAR THE CABINETS.
6. THE PEDESTRIAN PHASE SHALL BE ACTIVATED WHEN THE BUS BAY DETECTION IS CALLED FOR. THE DELAY FOR THE BUS BAY DETECTION SHALL BE SET AT 20 SECONDS.

REVISIONS				ENGINEER OF RECORD: STEVEN D. MIKESSELL P.E. FL LIC. No. 58703 HNTB 7077 BONNEVILLE ROAD, SUITE 500 LIBERTY CENTER JACKSONVILLE, FLORIDA 32210 PHONE: (904) 206-0307 FAX: (904) 206-0305	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO. T-4
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						ALACHUA	211365-0-03	

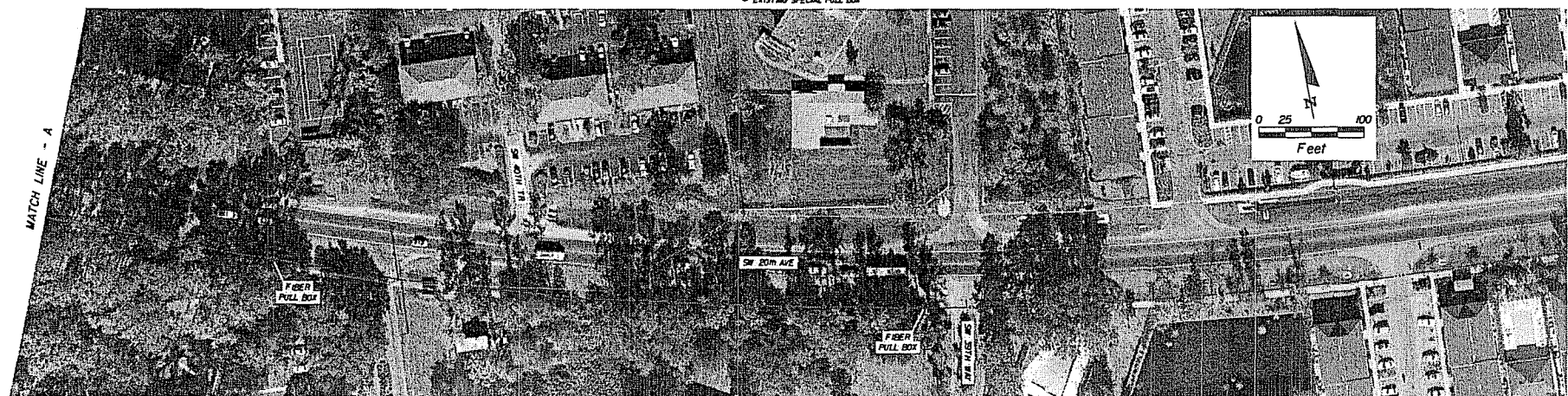
SIGNALIZATION PLAN

08/10/2009 5:48:02 PM PLANS001.DGN



LEGEND:

- PROPOSED CONDUIT-JACKETED
- PROPOSED CONDUIT-UNDERGROUND
- EXISTING CONDUIT
- FIBER OPTIC PULL BOX
- EXISTING SPECIAL PULL BOX



NOTE: ALL COMMUNICATION QUANTITIES ARE INCLUDED IN SHEET T-4. THE CONTRACTOR IS RESPONSIBLE FOR FIELD LOCATING THE PROPOSED FIBER OPTIC CABLE SIGNAL INTERCONNECT UNDER THE DIRECTION OF THE PROJECT ENGINEER. THE PROPOSED LOCATION OF THE FIBER OPTIC CABLE SIGNAL INTERCONNECT SHOWN ON THESE PLANS IS PRELIMINARY. ESTIMATED QUANTITIES ARE PROVIDED BASED ON THE PRELIMINARY INFORMATION. THE CONTRACTOR IS RESPONSIBLE FOR ALL UTILITY COORDINATION AND THE FINAL DESIGN/PLACEMENT OF THE FIBER. THE CONTRACTOR IS ALSO RESPONSIBLE FOR PROVIDING AS-BUILT PLANS IN ACCORDANCE WITH THE COUNTY AND CITY OF GAINESVILLE REQUIREMENTS FOR THE SIGNAL INTERCONNECT.

REVISIONS				ENGINEER OF RECORD: STEVEN D. MIKESSELL, P.E. FL LIC. No. 58703 HNTB 7077 BONNEVAL ROAD, SUITE 600 LIBERTY CENTER JACKSONVILLE, FLORIDA 32216 PHONE: (904) 298-0207 FAX: (904) 6500	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		COMMUNICATION PLAN	SHEET NO. T-5
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY		
						ALACHUA	FINANCIAL PROJECT ID 211365-0-03	



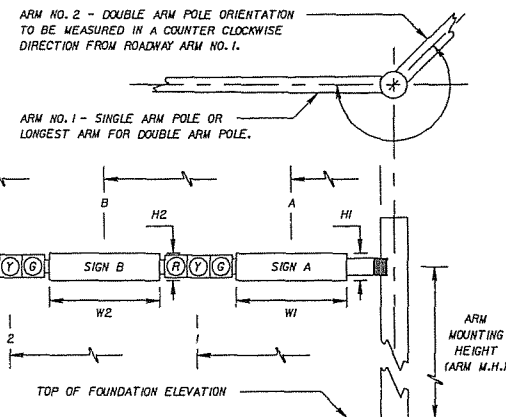
LEGEND:

- PROPOSED CONDUIT-JACKED
- - - PROPOSED CONDUIT-UNDERGROUND
- FIBER OPTIC PULL BOX
- SPECIAL PULL BOX



NOTE: ALL COMMUNICATION QUANTITIES ARE INCLUDED IN SHEET T-4. THE CONTRACTOR IS RESPONSIBLE FOR FIELD LOCATING THE PROPOSED FIBER OPTIC CABLE SIGNAL INTERCONNECT UNDER THE DIRECTION OF THE PROJECT ENGINEER. THE PROPOSED LOCATION OF THE FIBER OPTIC CABLE SIGNAL INTERCONNECT SHOWN ON THESE PLANS IS PRELIMINARY. ESTIMATED QUANTITIES ARE PROVIDED BASED ON THE PRELIMINARY INFORMATION. THE CONTRACTOR IS RESPONSIBLE FOR ALL UTILITY COORDINATION AND THE FINAL DESIGN/PLACEMENT OF THE FIBER. THE CONTRACTOR IS ALSO RESPONSIBLE FOR PROVIDING AS-BUILT PLANS IN ACCORDANCE WITH THE COUNTY AND CITY OF GAINESVILLE REQUIREMENTS FOR THE SIGNAL INTERCONNECT.

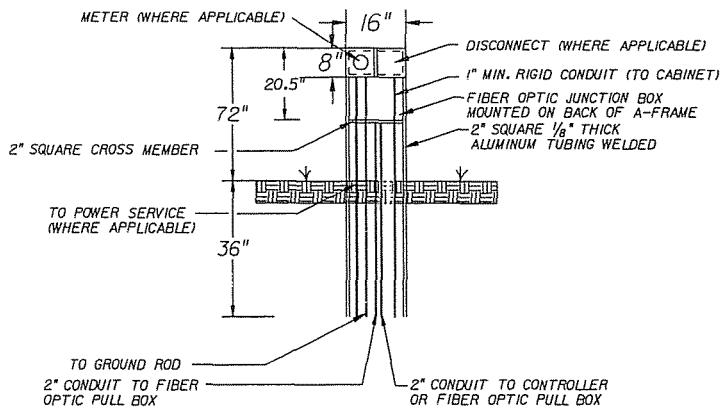
REVISIONS				ENGINEER OF RECORD: STEVEN D. MIKESSELL, P.E. FL LIC. No. 58703 HNTB 7077 BONNEVAL ROAD, SUITE 900 LIBERTY CENTER JACKSONVILLE, FLORIDA 32216 PHONE: (904) 208-0207 FAX: (904) 208-0207	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		COMMUNICATION PLAN	SHEET NO. T-6
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY		
						ALACHUA		
						FINANCIAL PROJECT ID	211365-0-03	

[illegible]

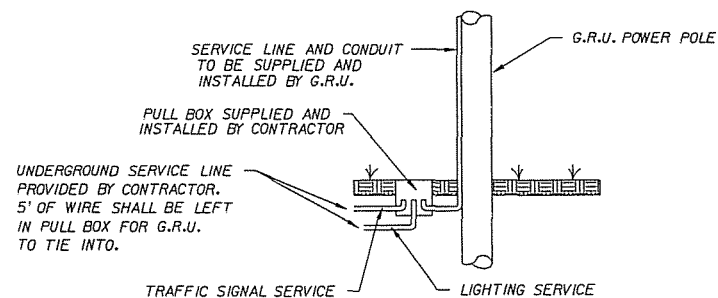
* DENOTES NUMBER OF SECTIONS IN SIGNAL HEAD ASSEMBLY

[illegible]

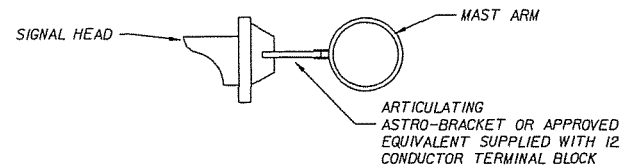
REVISIONS				ENGINEER OF RECORD: STEVEN D. MIKESELL, P.E. FL LIC. No. 68703 HNTB 7077 BONNEVAL ROAD, SUITE 600 LIBERTY CENTER JACKSONVILLE, FLORIDA 32216 PHONE: (904) 346-0207 CA NO.: 6500	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						ALACHUA	211365-0-03	T-7
					MAST ARM TABULATION			



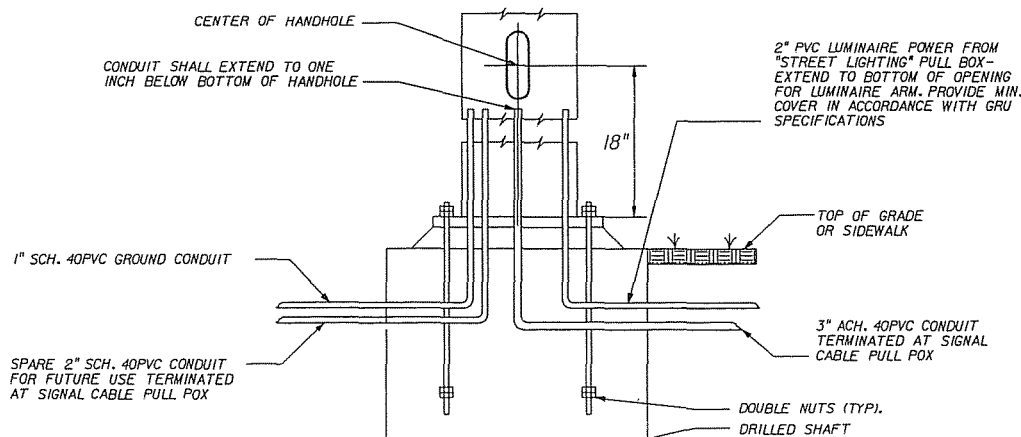
METER / DISCONNECT
FRAME STAND DETAIL
639-1-22
N.T.S.



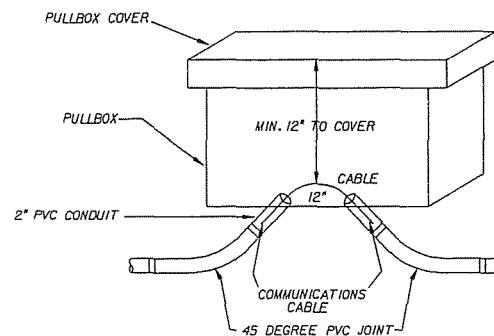
UNDERGROUND POWER
SERVICE DETAIL
N.T.S.



SIGNAL HEAD BRACKET
ATTACHMENT DETAIL
N.T.S.



CANTILEVER SIGNAL STRUCTURE
FOUNDATION AND BASE PLATE DETAIL
NOTE: REINFORCEMENT AND WINGS NOT SHOWN
N.T.S.



COMMUNICATIONS CABLE
CONDUIT INSTALLATION DETAIL

REVISIONS				ENGINEER OF RECORD: STEVEN D. MIKEBELL, P.E. FL LIC. No. 58703 HNTB 7077 BONNEVILLE ROAD, SUITE 600 LIBERTY CENTER JACKSONVILLE, FLORIDA 32216 PHONE: (904) 206-0207 CANADIAN 1-888-999-9999	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION			TRAFFIC SIGNAL DETAILS	SHEET NO. T-9
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ALACHUA	211365-0-03		

merwin 08/10/2009 5:38:32 PM sdd11001.dgn

North Central Florida Regional Planning Council

2009 NW 67 PLACE, SUITE A, GAINESVILLE, FLORIDA 32653-1603
(352) 955-2200 SUNCOM 625-2200 FAX (352) 955-2209



November 23, 2009

TO: Metropolitan Transportation Planning Organization (MTPO)

FROM: Marlie Sanderson, Director of Transportation Planning

SUBJECT: **Florida Department of Transportation (FDOT) Tentative Five Year Work Program**

MTPO STAFF RECOMMENDATION

Forward comments to the MTPO.

BACKGROUND

Each year, FDOT submits a Five Year Work Program to the State Legislature. FDOT's Work Program lists all of the projects that are funded with state and federal funds over the next five years (Fiscal Years 2011 to 2015). At the next meeting, FDOT staff will present and discuss the FDOT Tentative Five Year Work Program.

List of Priority Projects

In May, the MTPO approved its List of Priority Projects. This List is used by FDOT to develop its Tentative Work Program. The MTPO's List of Priority Projects contains approved MTPO priorities for needed, but currently unfunded projects.

At the Committee meetings, MTPO staff will compare the current status of projects programmed for implementation during the next five years of the draft FDOT Tentative Five Year Work Program to the List of Priority Projects. An exhibit will be prepared and distributed which shows which #1 priorities from the List of Priority Projects were programmed for funding in the next five years.

Action Being Requested

The reason that this is on the agenda is to give the MTPO the opportunity to request changes to existing or proposed projects and to hear requests for new projects to be added to, or existing projects to be deleted from, FDOT's Tentative Five Year Work Program.

T:\Marlie\MS10\MTPO\Memo\FDOT wpdec.docx



Florida Department of Transportation

CHARLIE CRIST
GOVERNOR

2198 Edison Avenue MS 2812
Jacksonville, FL 32204

STEPHANIE C. KOPELOUSOS
SECRETARY

Transmitted Electronically

November 13, 2009

Mr. Marlie Sanderson, AICP
Assistant Executive Director
North Central Florida Regional Planning Council
2009 NW 67th Place, Suite A
Gainesville, FL 32633-1603

Dear Marlie:

The Florida Department of Transportation (FDOT) requests placement on the agendas for the Bicycle/Pedestrian Advisory Board, December 1st, the Technical Advisory Committee and the Citizen's Advisory Committee on December 2nd and the Metropolitan Transportation Planning Organization on December 14, 2009.

The FDOT would like to present the Tentative Five Year Work Program for 2010/2011 through 2014/2015 and solicit comments. A copy of the Tentative Five Year Work Program will be provided via website link by November 25, at:
<http://www.dot.state.fl.us/projectmanagementoffice/Districts/D2/D2CountyProjects.shtm>

We will also provide you a hard copy format as soon as it is available to try and accommodate the agenda mail out schedules.

Should the MTPO or the Advisory Committees determine these meeting dates are not convenient for a presentation, please notify the Department in writing or by email.

If you have any questions or need additional information, please contact me at 904-360-5652.

Sincerely,

Karen S. Taulbee, AICP

Transportation Specialist
karen.taulbee@dot.state.fl.us

cc: Robert L. Parks, Director of Transportation Development
James G. Bennett, Urban Transportation Development Manager
James Green, Urban Planning Administrator
Jordan Green, Rural Transportation Development Manager
Joye Brown, Director of Transportation Support

North Central Florida Regional Planning Council

2009 NW 67 PLACE, SUITE A, GAINESVILLE, FLORIDA 32653-1603
(352)955-2200 SUNCOM 625-2200 FAX (352) 955-2209

VII



September 4, 2009

TO: Metropolitan Transportation Planning Organization (MTPO)

FROM: Marlie Sanderson, AICP, Director of Transportation Planning

SUBJECT: Long Range Transportation Plan Update-
Vision Statement, Goals and Objectives

MTPO STAFF RECOMMENDATION

Recommend that the MTPO approve the enclosed vision statement, goals and objectives.

BACKGROUND

The MTPO is currently updating its long range transportation plan to the Year 2035. The enclosed document entitled 2035 Long Range Transportation Plan Draft Vision, Goals and Objectives contains the proposed vision statement, goals and objectives that will be used in the update of this Plan.

T:\Marlie\MS10\MTPO\Memo\lrtpnovgoals.docx



2035 LONG RANGE TRANSPORTATION PLAN DRAFT VISION, GOALS, AND OBJECTIVES

Prepared for:

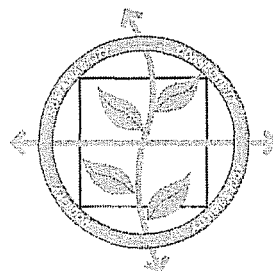
**METROPOLITAN TRANSPORTATION PLANNING ORGANIZATION FOR THE
GAINESVILLE URBANIZED AREA**

Prepared by:



RENAISSANCE PLANNING GROUP

November 2009





YEAR 2035 GAINESVILLE URBANIZED AREA METROPOLITAN TRANSPORTATION PLANNING ORGANIZATION LONG RANGE TRANSPORTATION PLAN DRAFT VISION, GOALS, AND OBJECTIVES

INTRODUCTION

The Vision, Goals, and Objectives will guide the development of the Year 2035 Long Range Transportation Plan (LRTP). This document provides an update of the Year 2025 LRTP Vision, Goals, and Objectives based on public input provided at a public workshop and focus group meetings as well as review of current requirements and relevant planning documents. The Safe Accountable Flexible Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU), Alachua County Energy Conservation Strategies Commission Final Report, the Gainesville Evaluation and Appraisal Report (EAR) Major Issues, and Alachua County EAR Recommendations all provided valuable inputs into the development of the 2035 LRTP Vision, Goals, and Objectives.

The major modifications that were made to the 2025 LRTP Vision, Goals & Objectives are outlined below:

- The Vision Statement has been revised to incorporate sustainability, energy efficiency and transportation choice.
- Goal Statement 1 focuses on economic vitality and community livability. New concepts under this goal statement include Objectives addressing complete streets, expansion of the transit system's reach, transportation linkages to East Gainesville, and increased connectivity between travel modes. Objectives related to environmental, cultural, and historic preservation have been moved under Goal Statement 2.
- Goal Statement 2 focuses on sustainable decision-making and preservation. New concepts in this section include integrated land use and transportation decision-making, reduced demand for oil, and lower greenhouse gas emissions. Objectives have been added or modified to address location decisions for government facilities, support for a greenbelt, energy efficiency, and reduction of impervious surfaces.
- Goal Statement 3 focuses on safety for mobility and accessibility. Security is now addressed in Goal Statement 4. The safety Objectives have been modified to reflect priorities identified in the Florida Department of Transportation Strategy Highway Safety Plan, Safe Routes to School, and improved performance through safety improvements.
- Goal Statement 4 provides a new area focusing on security and resilience as recommended in the SAFETEA-LU Compliance Review document. The Objectives address protection of personal



security, accommodation of various conditions without catastrophic failure of the transportation network. This area also addresses the need to coordinate among agencies for preparation, redevelopment and recovery.

- Goal Statement 5 focuses on transportation network management and operations. New concepts include wise use of financial resources, prioritization of preservation and maintenance of the existing network, implementation of transportation demand management strategies, operational efficiency and traffic signal coordination.

VISION STATEMENT

The Gainesville Urbanized Area will have a multimodal transportation system that integrates land use and transportation planning and investments to support the following community development objectives:

1. create more balance in east-west Gainesville area growth,
2. direct growth into existing infill and redevelopment areas,
3. discourage inefficient, sprawling development between Gainesville and outlying municipalities in Alachua County, and
4. promote sustainable, safe, secure and energy efficient land use patterns and transportation choices.

GOALS, OBJECTIVES AND PERFORMANCE MEASURES

GOAL STATEMENT 1: ECONOMIC VITALITY AND COMMUNITY LIVABILITY

Develop and maintain a balanced transportation network that supports the economic vitality and livability in the Gainesville Metropolitan Area through expanded transportation choice, improved accessibility and connectivity for motorized and non-motorized users, and strategic transportation investments.

OBJECTIVES

- 1.1 Improve regional accessibility to major employment, health care, commerce and goods distribution centers.
- 1.2 Improve the viability of alternatives to the single-occupant automobile (bicycling, walking, public transit, carpooling/vanpooling and teleworking) as options for all users of the transportation network through accessibility, convenience and comfort.
- 1.3 Increase the number of “complete streets” that provide accommodations for all users.
- 1.4 Expand the reach of the regional transit system to improve accessibility, availability and competitiveness of transit as a viable travel option.
- 1.5 Improve access for pedestrians, bicyclists and transit users to public places and centers of activity.
- 1.6 Improve pedestrian/bicycle accessibility by providing connections between commercial centers and surrounding neighborhoods.



- 1.7 Improve connectivity between modes, including transit, bicycle, pedestrian, and automobiles.
- 1.8 Increase bicycle and pedestrian accessibility through an interconnected and continuous system of off-road trails and greenways.
- 1.9 Coordinate transportation and future land use decisions to promote efficient development patterns and a choice of transportation modes.
- 1.10 Increase transportation linkages between East Gainesville and other parts of the Gainesville Urbanized Area to promote economic development.
- 1.11 Improve access to transportation facilities and services for elderly, children, people with disabilities and economically disadvantaged individuals.
- 1.12 Minimize the adverse impacts of transportation on established neighborhoods through development of a network of transportation facilities.
- 1.13 Preserve the intended function of the Florida Strategic Intermodal System (SIS) and other appropriate corridors for intercity travel and freight movement, but minimize adverse impacts resulting from this policy that are inconsistent with other goals and objectives.

GOAL STATEMENT 2: SUSTAINABLE DECISION-MAKING AND PRESERVATION

Develop and maintain a sustainable transportation system that supports and preserves the existing transportation network through integrated land use and transportation decision-making that results in compact development patterns, preservation of environmental, cultural and historic areas, reduced demand for oil, and lower greenhouse gas emissions.

OBJECTIVES

- 2.1 Minimize travel distances for work, shopping and recreation.
- 2.2 Encourage infill and redevelopment, including government facilities, such as schools and service centers, in areas that have existing and adequate infrastructure in place, to increase accessibility for all residents and visitors, especially people with disabilities, lower income citizens, elderly, and children.
- 2.3 Improve the interconnectivity of streets and other modal systems of the transportation network, including sidewalks, bikeways and transit ways.
- 2.4 Create opportunities for access by all modes of travel at centers for employment, education, services, commerce and housing through land use strategies and urban design principles that minimize travel distances and allow for a mix of uses.
- 2.5 Enhance connectivity between different forms of travel by creating multimodal access hubs within new development or redeveloping areas.
- 2.6 Use transportation investments to support development and redevelopment in mixed use activity centers to promote economic development and preserve environmentally-sensitive lands.



- 2.7 Reduce the adverse impacts of transportation on the environment, including habitat and ecosystem fragmentation, wildlife collisions, and non-point source pollution.
- 2.8 Make transportation decisions that support the creation of a greenbelt between the Gainesville Urbanized Area and surrounding municipalities and rural communities to reduce sprawl and preserve environmentally sensitive areas.
- 2.9 Improve energy efficiency and reduce greenhouse gas emissions by promoting street designs that maximize opportunities for use of transportation choices and sustainable building techniques.
- 2.10 Phase in new vehicle fleets for public agencies to maximize energy efficiency and reduce air quality impacts.
- 2.11 Reduce impervious surface areas by promoting reuse of surface parking areas for infill, urban agriculture and other uses.

GOAL STATEMENT 3: SAFETY FOR MOBILITY AND ACCESSIBILITY

Develop and maintain a safe transportation system that supports increased mobility and better accessibility for all users and neighbors of transportation facilities and services.

OBJECTIVES

- 3.1 Address existing and potential safety problems on or adjacent to transportation corridors through an interagency planning and prioritization process.
- 3.2 Implement techniques to calm traffic in residential, educational and commercial areas where walking and bicycling are common.
- 3.3 Implement a comprehensive Safe Routes to School Program to increase the percentage of children walking or bicycling to school.
- 3.4 Increase safety for vulnerable road users, including pedestrians, bicyclists, and motorcyclists.
- 3.5 Implement techniques and roadway design to reduce fatalities and serious injuries from common intersection crashes, lane departure crashes, and aggressive driving.
- 3.6 Improve performance through safety improvements and countermeasures.
- 3.7 Coordinate with the Florida Department of Transportation to implement the Florida Strategic Highway Safety Plan.
- 3.8 Incorporate safety-related strategies, plans and activities (including transit safety) in the Safety Element of the long range transportation plan.



GOAL STATEMENT 4: SECURITY AND RESILIENCE

Develop and maintain a secure transportation system that supports community resilience, homeland security, and protects the personal security of system users.

OBJECTIVES

- 4.1 Increase the ability of the transportation network to accommodate variable and unexpected conditions without catastrophic failure.
- 4.2 Develop a transportation security plan that protects lives and coordinates the use of resources through established plans and protocols.
- 4.3 Increase personal security of users by implementing appropriate design strategies, such as improved lighting and visibility measures.
- 4.4 Review and update the Continuity of Operations Plan on a regular basis to ensure the continuity of essential office functions if a major even/emergency/disaster occurs.
- 4.5 Continue to provide transportation services if a particular resource, such as petroleum, becomes scarce and expensive.
- 4.6 Coordinate with appropriate agencies to protect the critical transportation infrastructure against disaster by identifying vulnerable assets and prevention strategies and planning for recovery and redevelopment after disaster (in coordination with the Local Mitigation Strategy).
- 4.7 Incorporate security-related strategies, plans and activities (including transit security) in the Security Element of the long range transportation plan.

GOAL STATEMENT 5: TRANSPORTATION NETWORK MANAGEMENT AND OPERATIONS

Improve system management, operations, coordination and communication to make sound transportation decisions that reflect wise use of financial resources.

OBJECTIVES

- 5.1 Give priority to preservation and maintenance of the existing transportation network.
- 5.2 Preserve current and planned rights-of-way for transportation system improvements.
- 5.3 Implement transportation demand management and system management strategies before adding general purpose lanes to a roadway.
- 5.4 Improve the operational efficiency of the existing transportation system for all modes of travel based on a balance of needs within the corridor.
- 5.5 Implement a coordinated traffic signal system plan to improve network efficiency and maintain traffic flow.



- 5.6 Coordinate transportation plans and programs with all stakeholders in the transportation system, including the public, public agencies, transit, emergency management, police and fire, etc.
- 5.7 Develop a balanced transportation system that includes a dispersion of traffic across multiple smaller roads rather than concentrating traffic on a few major roadways.

North Central Florida Regional Planning Council

2009 NW 67 PLACE, SUITE A, GAINESVILLE, FLORIDA 32653-1603
(352)955-2200 SUNCOM 625-2200 FAX (352) 955-2209



November 24, 2009

TO: Metropolitan Transportation Planning Organization (MTPO)
FROM: Marlie Sanderson, AICP, Director of Transportation Planning
SUBJECT: Long Range Transportation Plan Update-
Other Issues

MTPO STAFF RECOMMENDATION

Develop review comments for the consultant (Renaissance Planning Group) to consider.

BACKGROUND

The MTPO is currently updating its long range transportation plan to the Year 2035. Enclosed are two documents that developed as part of the long range plan- performance measures and the "existing plus committed network." At the next meeting, the MTPO's consultant (Renaissance Planning Group) will discuss this material and request review comments.

T:\Marlie\MS10\MTPO\Memo\lrtpnovperform.docx

**YEAR 2035 GAINESVILLE URBANIZED AREA
METROPOLITAN TRANSPORTATION PLANNING ORGANIZATION
LONG RANGE TRANSPORTATION PLAN
DRAFT PERFORMANCE MEASURES**

INTRODUCTION

This document includes suggested Performance Measures that will serve several purposes. First, the Performance Measures provide a starting point to evaluate transportation alternatives in development of the Needs and Cost Feasible Plans that will be recommended to the MTPO. Second, the Performance Measures provide guidance on benchmarks and targets that can be used over time to evaluate success and the outcomes of the Year 2035 LRTP.

There is increasing emphasis in the federal government on use of performance measures and benchmarks to measure the outcomes of the metropolitan planning process. This is likely to be a cornerstone of the next federal transportation law, both for states and the nation's MPOs. In addition, the Federal Highway Administration is already requiring a stronger link between the MPO's Long Range Transportation Plan and the Congestion Management Process, which is used as a basis to evaluate transportation conditions and trends, and guide the selection of short-term mobility strategies. This linkage is intended to ensure that short-term mobility strategies fit within the LRTP vision, and also provide feedback to the update of the LRTP on the success (or outcomes) of projects as they are implemented. By establishing benchmarks or performance targets to go along with the vision, goals and objectives, the MTPO will have a useful point of reference for the effectiveness of its LRTP and associated strategies implemented by state and local agencies in the urbanized area.

These suggested Performance Measures are based on existing datasets that will generally be available as a result of LRTP development. They are also based on information that other agencies, such as the City, County, and FDOT, are required to collect and update as part of their routine planning requirements. These Performance Measures will provide consistency between the requirements of recent growth management legislation (House Bill 697 in 2008 and Senate Bill 360 in 2009) as they relate to city and county comprehensive plans and strategies to reduce greenhouse gas emissions through the development of mobility plans.

Development of the current LRTP will provide baseline data that, when updated in future years, will provide an indication of how well the Plan Goals and Objectives are being met. The Performance Measures encompass a wide range of measures and data that will provide a comprehensive assessment of the Plan's vision of a sustainable transportation network.

The suggested Performance Measures are not finalized at this time. They will be refined as plan development moves forward, more data become available, and priorities and alternatives are identified. Specific benchmarks and targets will be defined as the Needs Plan and Cost Feasible Plan along with their strategies come into focus.

SUGGESTED PERFORMANCE MEASURES	OBJECTIVE(S) MEASURED	DATA SOURCE
FACILITIES/ACCESSIBILITY		
Miles of trails and greenways	1.2, 1.8	City of Gainesville, Alachua County, NCFRPC (collected/housed by DEP Office of Greenways and Trails)
Street network density (measured by intersection density: # of connected intersections within a square mile)	1.2, 1.7, 1.8, 5.7	MTPO (from LRTP Accessibility Analysis)
Lane miles of roadways with designated bicycle & pedestrian facilities (route, lane, bicycle boulevard, adjacent shared use path, sidewalks, etc.)	1.2, 1.3	City of Gainesville, Alachua County, FDOT or NCFRPC?
Bicycle accessibility	1.2, 1.3, 1.5, 1.6, 1.8	MTPO (from LRTP Accessibility Analysis)
Transit service accessibility: frequency, service hours, service area	1.2, 1.4, 1.5	City of Gainesville Regional Transit System
Population within a 20 minute transit travel time to a regional activity center	1.1, 1.2, 1.4, 1.9	MTPO (from LRTP Accessibility Analysis)
Percentage of housing and jobs in accessible locations	1.1, 1.4, 1.5, 1.6, 1.7, 1.10, 1.11, 2.2, 2.4, 2.6	MTPO (from LRTP Accessibility Analysis)
Proximity of housing and jobs to walkable destinations	1.1, 1.2, 1.5, 1.6, 1.7, 1.10, 2.4, 2.6	MTPO (from LRTP Accessibility Analysis)
Jobs to dwellings ratio	1.1, 1.2, 1.5, 1.6, 1.7, 1.10, 2.4, 2.6	MTPO (from LRTP Accessibility Analysis)

SUGGESTED PERFORMANCE MEASURES	OBJECTIVE(S) MEASURED	DATA SOURCE
Adoption of “complete streets” policy	1.3, 3.4, 3.5	City of Gainesville, Alachua County
Percentage of “complete streets”	1.3, 3.4, 3.5	City of Gainesville, Alachua County, FDOT
TRAVEL DATA		
Mode share	1.2, 1.5, 1.6	From Model (MTPO/Consultant); US Census; American Community Survey
Vehicle Miles Traveled per capita (reduction per capita) Note: This is a surrogate for greenhouse gas emissions.	2.1, 2.4, 2.9	From Model (MTPO/Consultant)
Vehicle Hours Traveled on major corridors	1.1, 1.13, 2.2, 2.9	From Model (MTPO/Consultant)
Average trip length by travel shed (these will be defined; aggregating TAZs in logical travel corridors or markets), for both internal and external trips.	1.7, 1.9, 2.1, 2.2, 2.3, 2.4, 2.5, 2.6, 2.9	From Model (MTPO/Consultant)
Commuting distances per capita (or per household)	1.1, 1.9, 2.1, 2.2, 2.6, 2.9	From Model (MTPO/Consultant)
Commuting travel time	1.1, 1.4, 2.1, 2.2, 2.4, 3.6, 5.4, 5.5	US Census; American Community Survey
Transit competitive travel times	1.2, 1.4	City of Gainesville Regional Transit System
Transit ridership (systemwide, corridor, and route)	1.2, 1.4	City of Gainesville Regional Transit System
MTPO bicycle screenline counts	1.2, 1.3, 1.5, 1.6,	MTPO

SUGGESTED PERFORMANCE MEASURES	OBJECTIVE(S) MEASURED	DATA SOURCE
Greenhouse Gas Emissions (reduction per capita)	2.2, 2.6, 2.9, 2.10	From Model (MTPO/Consultant)
Percentage of transit and other local government vehicles using alternative fuels (non-petroleum based)	2.10	City of Gainesville, Alachua County
SAFETY FACTORS		
Number of Alachua County Schools implementing a comprehensive Safe Routes to Schools program	3.3	Alachua County Schools
Percentage of children walking and bicycling to school'	3.3	Alachua County Schools
Number and Percentage of Community Traffic Safety Team roadway concerns resolved annually	3.1, 3.4, 3.5, 3.6, 3.7	Alachua County CTST
Annual rate of fatalities and serious injuries from various safety aspects: <ul style="list-style-type: none"> • intersection crashes • vulnerable road users • lane departure crashes • aggressive driving 	3.1, 3.2, 3.4, 3.5, 3.6, 3.7, 3.8	FDOT, Dept. of Highway Safety and Motor Vehicles, City of Gainesville and Alachua County (if crash data tracked)
SECURITY FACTORS		
Review and update of the Continuity of Operations Plan on an annual basis.	4.4	MTPO

SUGGESTED PERFORMANCE MEASURES	OBJECTIVE(S) MEASURED	DATA SOURCE
Initiation of a stakeholder coordination process that results in integrated and coordinated security strategies and prioritization of resources in times of emergency	4.1, 4.2, 4.6	MTPO
Regional improvements and strategies, including Intelligent Transportation Systems (ITS) applications that enhance security of the regional transportation system, particularly for the following assets: regional emergency evacuation system; regional freight mobility corridors and intermodal hubs, including seaports, airports, and terminals; and the regional passenger transit system, including rail lines, intercity bus service and transit stations	1.13, 4.1, 4.3, 5.4, 5.5	City of Gainesville, Alachua County, FDOT
Number and type of personal security modifications, such as lighting	4.3	City of Gainesville, Alachua County, FDOT
Percentage of transportation network designed and constructed to withstand extreme conditions	4.1, 4.5	City of Gainesville, Alachua County, FDOT
TRANSPORTATION NETWORK OPERATIONS/EFFICIENCY		
Number of registered carpools and persons seeking carpool assistance	1.2, 5.3	Greenride (currently used to provide carpool matching services for UF faculty, students, and staff and Bradford/Alachua County residents/employees)
Number of persons registered in an emergency ride home program for persons who choose commute options, such as bicycling, walking, transit, carpooling or vanpooling	1.2, 5.3	FDOT (if program implemented)

SUGGESTED PERFORMANCE MEASURES	OBJECTIVE(S) MEASURED	DATA SOURCE
Number of employers who provide TDM programs for their employees	1.2, 5.3	FDOT
Percentage of transportation funding allocated to various purposes (ITS, maintenance, multimodal modifications, etc.)	5.1, 5.3, 5.4, 5.5	City of Gainesville, Alachua County, FDOT, MTPO
Average Delay per road traveler	2.9, 5.4, 5.5, 5.7	From Model (MTPO/Consultant)
Intelligent Transportation Systems for management and coordination of efficient network operations	5.4, 5.5	City of Gainesville, Alachua County, FDOT
Signal priority and preemption for transit	5.5	City of Gainesville
Incident response/clearance times	5.5, 5.6	City of Gainesville, Alachua County, FDOT

**YEAR 2035 GAINESVILLE URBANIZED AREA
METROPOLITAN TRANSPORTATION PLANNING ORGANIZATION
LONG RANGE TRANSPORTATION PLAN
EXISTING PLUS COMMITTED NETWORK**

INTRODUCTION

Task 5.2 requires development of the Year 2014 Existing Plus Committed (E+C) Network that includes all projects constructed and programmed since the Base Year Network was created. A map of the Existing Plus Committed Network is included as Figure 1. Relevant projects from the following documents have been added to the Base Year Network:

1. FDOT Five Year Work Program 2010-2014 (Updated 11/24/09)
2. City of Gainesville Capital Improvements Program 2009-2014
3. Gainesville Urbanized Area MTPO Fiscal Years 2008/2009 – 2012/2013 Transportation Improvement Program
4. Alachua County Capital Improvements Program, Approved 8/25/09 for 2010-2020, 2020-2025, 2025-2030.

Once the E+C Network is finalized, it will be coded into the model and used with the 2035 Socio-Economic Data to begin developing the Needs Plan.

Table 1 shows the projects that were added to the Base Year Network. The following projects from the documents listed above were not included in the E+C Network:

1. FDOT Five Year Work Program: SW 122nd St: from SR 24 to SW 89th Ave (widen and resurface) – The construction funds are \$15,000, and this segment is not likely to be widened to 4 lanes.
2. Gainesville Capital Improvements Program: SE 12th St: from University to SW 2nd Ave (reconstruction and widening) – This project should be completed, and the plans do not show lane widening (curb and gutter/sidewalk/stormwater).

-97-



Table -1

Gainesville L RTP - Existing Plus Committed Roadway and Intersection Modifications

Map ID	Source of Data	Type of Modification	Location
1	FDOT WP	Add Turn Lanes	SR 45/US 41 at SW 30th Avenue
2	Alachua County CIP	New Roadways/2 lane reconstruction	SW 8th Ave from SW 24th Ave to SW 143rd Street
3	FDOT WP	Interchange Modification	I-75 at SR 26 (W Newberry Road)
4	MTPO - TIP	New Road Connection - SW 8th Ave to SW 61st St	SW 8th Avenue to SW 20th Avenue: Connection of SW 8th Avenue to SW 61st Street
5	MTPO - TIP	Intersection Modification	SW 20th Avenue at SW 43rd Street
6	MTPO - TIP	Intersection Modification	SW Archer Road at SW 40th Boulevard
7	MTPO - TIP	Traffic Ops Modifications - Ramp Turn lanes	I-75 Ramps at Paynes Prairie Rest Area
8	MTPO - TIP	Intersection Modifications	SW Archer Road at SE 16th Avenue
9	Gainesville CIP	Traffic Signal Reconstruction	NW 23rd Avenue at 16th Terrace
10	Gainesville CIP	New Traffic Signal	NE 53rd Avenue at N Main Street
11	FDOT WP	Road Diet - Resurface/Reduce from 4 lanes to 2 lanes with center turn lane	SR 329 (Main Street) from Depot Avenue to NW 8th Ave
12	Gainesville CIP	General safety upgrades, roundabouts, bike/ped	SW 9th Road/Depot Avenue Corridor from SW 13th Street to Williston Road
13	FDOT WP	Add Lanes and Reconstruct	Depot Avenue from US 441/SR 25/SW 13th Street to SR 329 (Main Street)
14	Gainesville CIP	New 2-lane roadway	NE 19th Terrace from NE 8th Ave to NE 12th Ave and NE 12th Ave from Waldo Rd to NE 21st St
15	MTPO - TIP	New Road Construction	NE 19th Street/NE 19th Terrace from E University Avenue to NE 8th Avenue
16	FDOT WP	CSX Railroad Overpass Modification	SR 200(US 301) at CSX Railroad Overpass (in Waldo)
17	FDOT WP	Intersection Realign and Install Flashing Beacons	SR 26 at SR 222
18	FDOT WP	Install Left Turn Lanes	SR 26 at NE CR 234
19	Alachua County (current budget)	Road Diet -- Resurface/Reduce from 4 lanes to 2 lanes with center turn lane	Main Street from NW 8th Ave to NW 16th Ave

North Central Florida Regional Planning Council

2009 NW 67 PLACE, SUITE A, GAINESVILLE, FLORIDA 32653-1603
(352)955-2200 SUNCOM 625-2200 FAX (352) 955-2209



November 24, 2009

TO: Metropolitan Transportation Planning Organization (MTPO)

FROM: Marlie Sanderson, AICP, Director of Transportation Planning

SUBJECT: Design Team

DESIGN TEAM RECOMMENDATION

Recommend that the MTPO sunset the Design Team and have its duties and responsibilities assigned to the Technical Advisory Committee (TAC) and appoint an Arborist/Forester to the TAC as a voting member.

Note- the City Arborist met with the Alachua County Forester and it was agreed that the City Arborist would serve as the voting member and the County Forester would serve as the alternate.

MTPO STAFF RECOMMENDATION

Approve the Design Team recommendation and also add the City Beautification Board to the TAC as a non-voting member.

BACKGROUND

The purpose of this agenda item is to discuss whether the Design Team should continue to meet as a MTPO Advisory Committee or request that the MTPO sunset the Design Team and assign its duties and responsibilities to the Technical Advisory Committee. This issue has come to our attention for the following two reasons.

One is because there are a lot of TAC members who also serve as members of the Design Team. This raises the question of why have two separate bodies made up of similar members. The attached Exhibit 1 shows that the membership of both the Design Team and TAC. The Design Team only has two members that are not represented on the TAC- the City Arborist and the City Beautification Board member.

The second reason is because, after the Design Team was established, the City of Gainesville created Project Teams. The purpose of the Project Team is to review proposed transportation projects as they are being designed. Therefore, the Project

Teams are currently performing the same functions as the Design Team for projects located within the City.

City Beautification Board

MTPO staff contacted the Chair of the City Beautification Board to inform them about the recommendation to sunset the Design Team. After discussing this issue with the Board, the Board recommended that it be appointed to the TAC (see attached October 26th email).

We are recommending that a City Beautification Board representative be appointed to the TAC as non-voting members. This is because the TAC is made up of technical staff who provide recommendations to the MTPO from a technical perspective. Since the City Beautification Board is composed of citizen volunteers, and not technical staff, we do not recommend adding citizen volunteers to the TAC as voting members. However, representatives from this Board should be afforded the opportunity to participate in TAC discussions and provide their input.

T:\Marlie\MS10\DT\sunset.docx

Marlie Sanderson

From: Anita Spring [cbbgainesville@yahoo.com]
Sent: Monday, October 26, 2009 11:37 PM
To: Marlie Sanderson
Cc: rhoward182@gmail.com; Earline K.Luhrman
Subject: Technical Advisory Committee membership

Dear Mr. Sanderson

Thank you for keeping the City Beautification Board (CBB) informed on the merging of the Design and Technical Advisory Committees because of overlapping memberships and agendas.

Previously the CBB 's representation waned because the person who was attending moved to Ocala, and the alternate became too busy with her company.

That said, the CBB requests that it be a member of the Technical Advisory Committee going forward.

The CBB is pleased to inform you that there are now three members who are now available to cover the meetings (only one would attend each meeting).

I retired this year, and so am able to attend. Rebecca Howard, who recently joined th board, is the second person. On the odd chance that both of us cannot attend, Chuck Woods, who also retired a couple of years ago, is available.

We look forward to being able to serve on the Advisory Committee.

Thank you for your assistance.

Anita Spring
Chair, City Beautification Board

DESIGN TEAM AND TECHNICAL ADVISORY COMMITTEE MEMBERSHIP

DESIGN TEAM AGENCY	TECHNICAL ADVISORY COMMITTEE AGENCY	USUALLY SAME AGENCY PERSON
Alachua County Public Works	Alachua County Public Works	✓
Alachua County Environmental Protection	Alachua County Environmental Protection	✓
Alachua County Growth Management	Alachua County Growth Management	✓
Bicycle Pedestrian Advisory Board	Bicycle Pedestrian Advisory Board	-
City of Gainesville Arborist	-	-
City of Gainesville Beautification Board	-	-
City of Gainesville Community Development	City of Gainesville Community Development	✓
City of Gainesville Public Works	City of Gainesville Public Works	-
City of Gainesville Regional Transit System	City of Gainesville Regional Transit System	✓
Florida Department of Transportation	Florida Department of Transportation	✓
Gainesville Regional Utilities	Gainesville Regional Utilities	-
MTPO Citizens Advisory Committee (see note below)	-	-
University of Florida Facilities Planning and Construction	University of Florida Facilities Planning and Construction	✓
-	Gainesville/Alachua County Regional Airport Authority	-
-	North Central Florida Regional Planning Council	-
-	Alachua County School Board	-
-	University of Florida Transportation And Parking Services	-

Note- the MTPO Citizens Advisory Committee (CAC) representative also reviews Design Team agenda items at CAC meetings.

T:\Marlie\MS10\TAC\DESIGNTAC.docx

North Central Florida Regional Planning Council



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

November 24, 2009

TO: Metropolitan Transportation Planning Organization (MTPO)

FROM: Marlie Sanderson, AICP, Director of Transportation Planning

SUBJECT: **Public Involvement Plan Update**

MTPO STAFF RECOMMENDATION

Approve the proposed revisions to the MTPO Public Involvement Plan.

BACKGROUND

Each year, the MTPO's Public Involvement Plan is reviewed, and revised if necessary, in order to ensure that the MTPO's planning program provides for a proactive public involvement process. This edition of the Public Involvement Plan is revised to include the:

- placement of display ads in the Gainesville Voice (augmenting ads placed in the Gainesville Sun and Guardian) for public notice for:
 - Bicycle/Pedestrian Advisory Board and Citizen Advisory Committee appointments;
 - Transportation Improvement Programs;
 - Long Range Transportation Plan workshops and public hearings; and
 - charrettes
- updated Chamber of Hispanic Affairs Mission Statement page;
- updated MTPO website pages;
- Year 2008 Annual Report update for transportation planning; and
- updated display ads for the Bicycle/Pedestrian Advisory Board and Citizens Advisory Committee.

Enclosure

North Central Florida Regional Planning Council



XI



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

November 24, 2009

TO: Citizens Advisory Committee (CAC)

FROM: Marlie Sanderson, Director of Transportation Planning

SUBJECT: Dr. Kermit Sigmon Citizen Participation Award

MTPO STAFF RECOMMENDATION

Be prepared to vote for one person (anyone is eligible) or group.

BACKGROUND

In 1997, the Metropolitan Transportation Planning Organization (MTPO) approved the annual Dr. Kermit Sigmon Citizen Participation Award. This award is presented each year to someone, selected by the CAC, to be recognized for their contribution to the community's transportation planning process.

Previous Recipients

1997- Ruth Sigmon
1998- Perry Maull
1999- South West Alliance for Planning
2000- Var Heyl and Cindy Smith
2001- Chandler Otis
2002- Gerry Dedenbach
2003- Dr. Linda Crider
2004- Dan Burden
2005- Julia Reiskind
2006- Dr. Ruth Steiner
2007- Professor Martin Gold
2008- Susan and Mike Wright

T:\Marlie\MS10\CAC\AWARD.wpd

TECHNICAL ADVISORY COMMITTEE (TAC) ATTENDANCE RECORD				
TAC MEMBER AND ALTERNATE	ORGANIZATION	MEETING DATE 05-27-09	MEETING DATE 07-29-09	IN VIOLATION IF ABSENT AT NEXT MEETING?
CHRIS BIRD Alt - Kathy Fanning Alt - Steven Hofstetter	Alachua County Environmental Protection Department	P	P	NO
STEVE LACHNICHT Alt - Jonathan Paul, V Chair Alt - Jeff Hays Alt - Kathleen Pagan	Alachua County Department of Growth Management Office of Planning and Development	P	A	NO
RICHARD HEDRICK Alt- Ha Nguyen Alt- Michael Fay Alt - Dave Cerlanek	Alachua County Public Works Department	P	P	NO
DEKOVA BATEY Alt- Gina Hawkins	Alachua County/City of Gainesville/MTPO Bicycle/Pedestrian Advisory Board	A	A	NO
ERIK BREDFELDT Alt - Ralph Hilliard Alt - Dean Mimms Alt - Onelia Lazzari*	City of Gainesville Department of Community Development	P	P	NO
DEBBIE LEISTNER Alt- Emery Swearingen Alt- Phil Mann	City of Gainesville Department of Public Works	-	P	NO
JESUS GOMEZ Alt- Doug Robinson, Chair Alt- David Smith	City of Gainesville Regional Transit System	P	P	NO
MICHAEL IGUINA Alt- Michelle Danisovzsky Alt- Allan Penksa	Gainesville/Alachua County Regional Airport Authority	A	P	NO
JOHN GIFFORD Alt - Steve Phelps	Gainesville Regional Utilities	P	P	NO
KAREN TAULBEE Alt - Thomas Hill Alt - Milton Locklear	Florida Department of Transportation	P	P	NO
SCOTT KOONS Alt - Steve Dopp	North Central Florida Regional Planning Council	P	A	NO
BILL REESE^	Santa Fe College Facilities Services	-	-	-
HARREL HARRISON Alt- Edward Gable Alt- David Deas	School Board of Alachua County	A	A	YES
LINDA DIXON Alt - Carol Walker	University of Florida Facilities Planning and Construction Division	A	E	NO
SCOTT FOX Alt- Ron Fuller	University of Florida Transportation & Parking Services	A	P	NO
LEGEND KEY - P = Present A = Absent * = New Member me/p/em05/tacattendance wk4 * City of Gainesville Concurrency Management Staff is the representative for only level of service issues before the TAC Subcommittee. Attendance Rule: 1. 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. 2. 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 reasons 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 than 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	02-25-09	04-01-09	05-27-09	07-01-09	07-29-09	PERCENT IF ABSENT AT NEXT MEETING 09-02-09
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	P	P	P	P	P	83%
Mary Ann DeMatas	12/11	P	P	P	P	P	83%
George Blake Fletcher	12/09	P	P	P	P	A	67%
Jan Frentzen	12/10	P	P	P	P	P	83%
Sharon Hawkey	12/10	E	P	P	P	P	67%
Seth Lane	12/11	P	P	P	P	P	83%
<i>Chandler Otis</i>	<i>12/09</i>	<i>A</i>	<i>A</i>	<i>P</i>	<i>P</i>	<i>P</i>	<i>50%</i>
James Samec	12/11	P	P	P	P	P	83%
<i>Greg Sholar</i>	<i>12/09</i>	<i>P</i>	<i>P</i>	<i>A</i>	<i>P</i>	<i>E</i>	<i>50%</i>
Ruth Steiner	12/11	P	P	E	P	P	67%
Ewen Thomson	12/10	P	P	P	P	P	83%
Gary Weed	12/10	P	P	P	P	E	67%

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

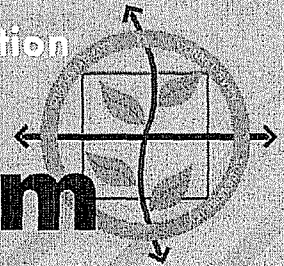
\\mike\em10\cac\attd_cac.wk4

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:

- 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:
 - all CAC meetings will require mandatory attendance by all members; and
 - attendance is recorded at all CAC meetings, even if a quorum is not present.
- On April 28, 1999, the CAC decided to limit attendance by teleconferencing to medical emergencies only.
- Members denoted in BOLD ITALICS are at risk for attendance rule violation if the next meeting is missed.***



Environmental Issues Forum

You are invited to help shape the future of transportation in the Gainesville area.

www.livabletransportation.org

Please join us for an Environmental Issues Forum to discuss your ideas and concerns about the relationship between transportation and the environment. The Forum will be an Open House with a short presentation at 5:00 PM. Visit the website at www.livabletransportation.org for more information.

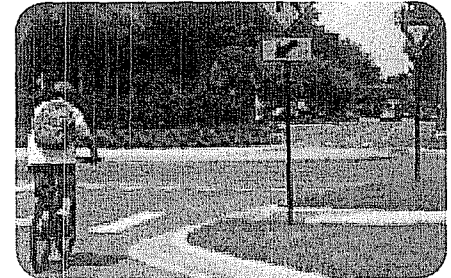
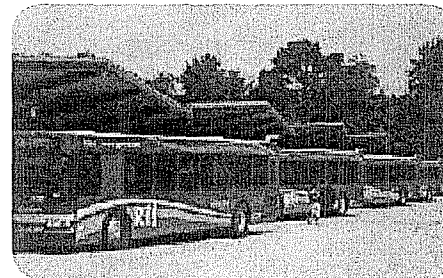
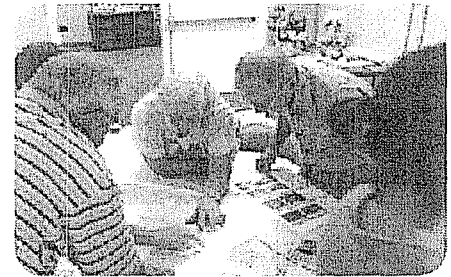
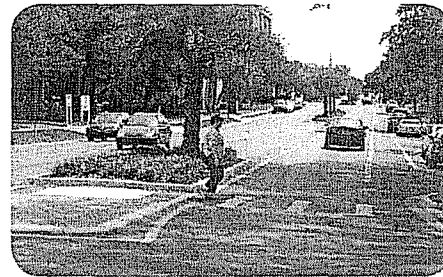
Take this opportunity to give your input on the following issues and more:

- Climate Change/Peak Oil
- Energy Conservation
- Air Quality
- Noise
- Water Quality
- Wetlands/Springs
- Wildlife and Habitat
- Environmentally Sensitive Lands

Light refreshments will be provided.

For more information contact:
Marlie Sanderson, Assistant Executive Director
(352) 955-2200, ext. 103 • sanderson@ncfrpc.org

The Gainesville Metropolitan Transportation Planning Organization (MTPO) includes elected officials from the City of Gainesville and Alachua County who work together to decide how to spend federal and state money to improve the Gainesville metropolitan area's transportation system.



**December 2, 2009
4:00pm to 6:00pm**

**Gainesville Regional Utilities Multi-Purpose Room
301 SE 4th Avenue • Gainesville, FL 32601**

Public participation is solicited without regard to race, color, national origin, sex, age, disability, familial status, religious status, marital status, sexual orientation, or gender identity. Persons who require special accommodations under the Americans with Disabilities Act or persons who require translation services (free of charge) should contact Mr. Marlie Sanderson at (352) 955-2200, extension 103, at least seven (7) days before the workshop.

XII.B

