November 9, 2009

TO:

Metropolitan Transportation Planning Organization Design Team

FROM:

Marlie Sanderson, AICP, Director of Transportation Planning

SUBJECT:

Meeting Announcement and Agenda

The Design Team will meet on Tuesday, November 17, 2009 at 1:30 p.m. in the Charles F. Justice Conference Room, North Central Florida Regional Planning Council, 2009 NW 67th Place, Gainesville, Florida.

STAFF RECOMMENDATION

- I. Introductions (if necessary)*
- II. Agenda Approval

APPROVE AGENDA

Page *3 III. SW 62nd Connector Interim Project-Archer Road at SW 40th Boulevard 60 Percent Design Plans

Alachua County's consultant has prepared 60 percent designs plan for review

Page *27 IV. SW 62nd Connector Interim Project-SW 43rd Street at SW 20th Avenue 60 Percent Design Plans

Alachua County's consultant has prepared 60 percent designs plan for review

Page *51 V. SW 62nd Connector Interim Project-SW 20th Avenue Smart Bus Bay

APPROVE DESIGN PLANS

Alachua County's consultant has prepared 60 percent designs plan for review

1

Page #73 V. Upcoming Meeting

A. Next MTPO meeting – December 14th at 6:00 pm (Jack Durrance)

VI. Information Item

Page *75 A. Design Team Membership List & Project Status

If you have any questions regarding the agenda items or enclosed materials, please contact Mike Escalante, AICP, at 955-2200, extension 114.

- * No handout included with the enclosed agenda material.
- # Materials in full color are provided on the ncfrpc.org transportation/mtpo website.

North Central Florida Regional Planning Counc

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

November 9, 2009

TO: Metropolitan Transportation Planning Organization (MTPO)

FROM: Marlie Sanderson, AICP, Director of Transportation Planning

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

SW 40th Boulevard at Archer Road Intersection Modifications

MTPO STAFF RECOMMENDATION

Approve the 60 Percent Design Plans.

BACKGROUND

The SW 40th Boulevard at Archer Road Intersection Modifications project is one of three interim projects resulting from the SW 62nd Connector Project Development and Environmental Study. Alachua County has submitted 60 Percent Design Plans for review. This interim project is being funded using the federal SAFETEA-LU High Priority Funds (also called "earmark funds").

Exhibit 1 includes the Interim Project slideshow. Exhibit 2 includes the 60 percent Design Plan Signing and Pavement Marking Plans and the Signalization Plans. To also review the full set of design plans, refer to the MTPO website:

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

SW 40th Blvd	SW 40th Blvd. @ Archer Road Intersection Project-Programmed Funds Timeline									
2008/2009	2009/2010	2010/2011	2011/2012	2012/2013						
\$5.578 million* (construction)	-	-	-	-						

^{*}Funding for all three interim projects

Enclosures

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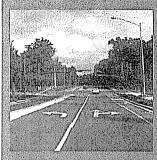


Southwest 62nd Boulevard Connector **Interim Projects**

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



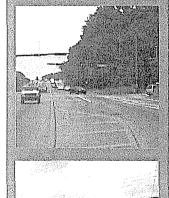
Purpose/Recommendation



- Recommendation
 - Approve the 60% design plans as proposed and direct staff to proceed with the development of the 90% plans.



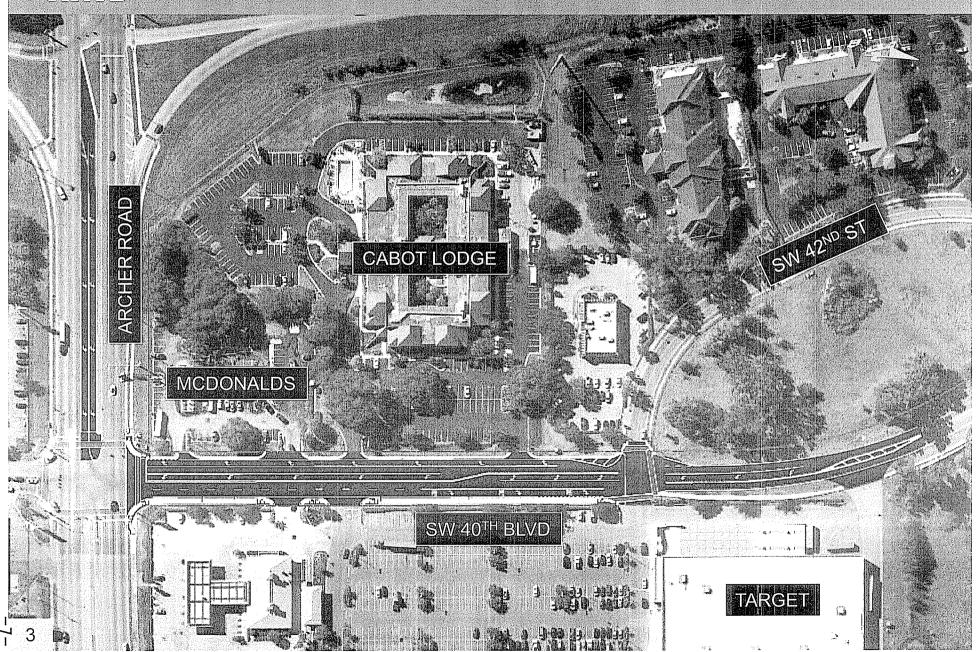
- Interim Projects
 - Southwest 40th Boulevard at Archer Road
 - Southwest 20th Boulevard at Southwest 43rd Street
 - Smart Bus Bay

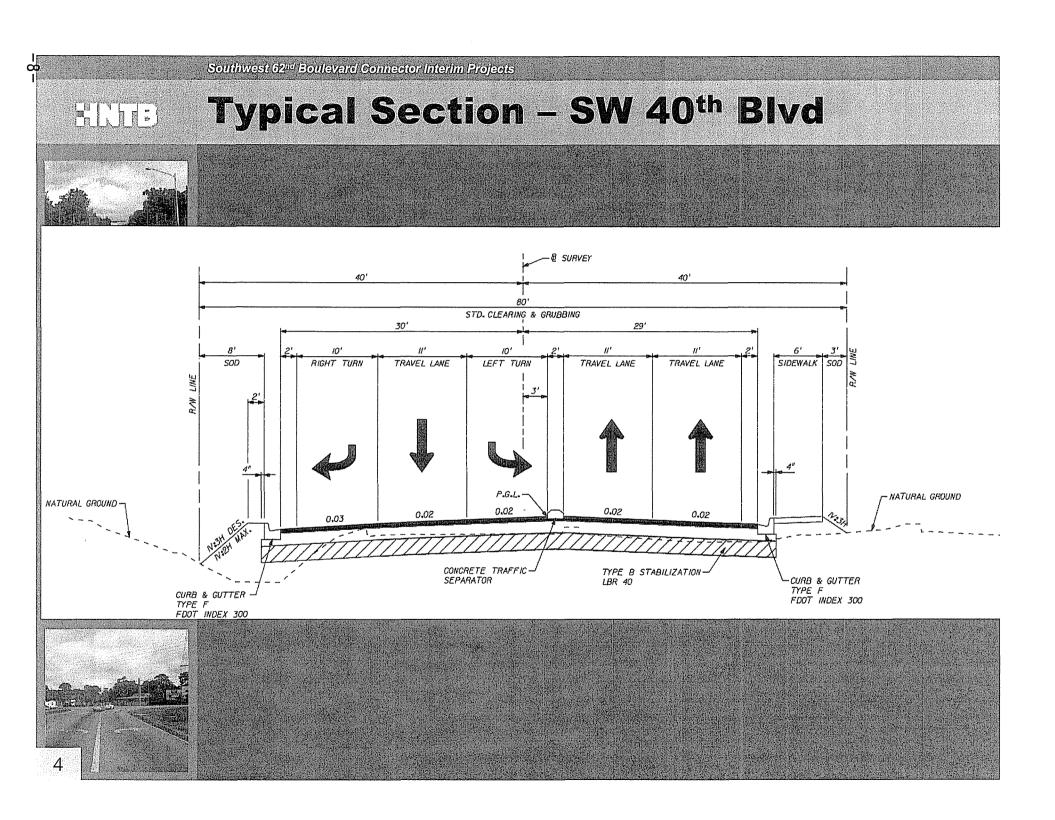


* MTPO presentation scheduled for December 2009

Southwest 62nd Boulevard Connector Interim Projects

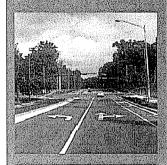
SW 40th Boulevard at Archer Road

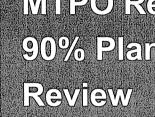


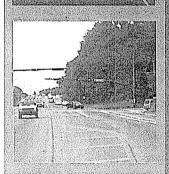




Schedule

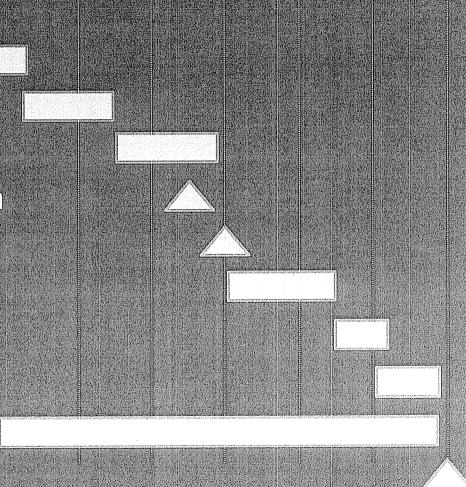






100% Plans Review Final Plans Permitting Advertisement

MTPO Review 90% Plans **BOCC Presentation** Public Meeting



Construction Notice to Proceed – October 2010

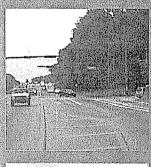
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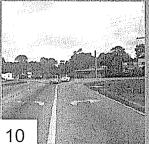


Purpose/Recommendation







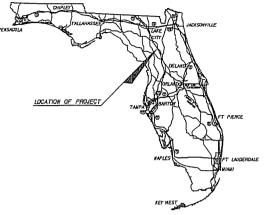


- Recommendation
 - Approve the 60% design plans as proposed and direct staff to proceed with the development of the 90% plans.
- Interim Projects
 - Southwest 40th Boulevard at Archer Road
 - Southwest 20th Boulevard at Southwest 43rd Street
 - Smart Bus Bay
- * MTPO presentation scheduled for December 2009

ALACHUA COUNTY PUBLIC WORKS DEPARTMENT

CONTRACT PLANS

FINANCIAL PROJECT ID 211365-0-03 FEDERAL AID PROJECT NO. SI24-002R ALACHUA COUNTY (51240) SW 40TH BOULEVARD AT ARCHER ROAD INTERSECTION IMPROVEMENTS



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.

INDEX OF SIGNING AND PAVEMENT MARKING PLANS

SHEET NO.

5-4 TO 5-8

5-1

5-3

SHEET DESCRIPTION

SIGNING AND PAVEMENT WARKING PLAN

KEY SHEET TABULATION OF QUANTITIES GENERAL NOTES

REVISIONS

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) 279-0250
FAX NO. (904) 279-0250

PLANS PREPARED BY:

HATB CORPORATION
7077 BONNEVAL ROAD
SUITE 600, LIBERTY CENTER
JACKSONVILLE, FL 32218
PHONE NO. (904) 288-0207
FAX NO. (904) 279-0280
CERT. OF AUTH. NO. 6800

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

PHASE II SUBMITTAL SEPTEMBER 2009

	KEY SH	EET REVISIONS
DATE	87	DESCRIPTION
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ROADWAY PLANS ENGINEER OF RECORD: TERREL SHAW, P.E. P.E. NO.: 50096 FISCAL SHEET

YEAR NO. 10 5-1

ALACHUA COUNTY PROJECT MANAGER: HA NGUYEN

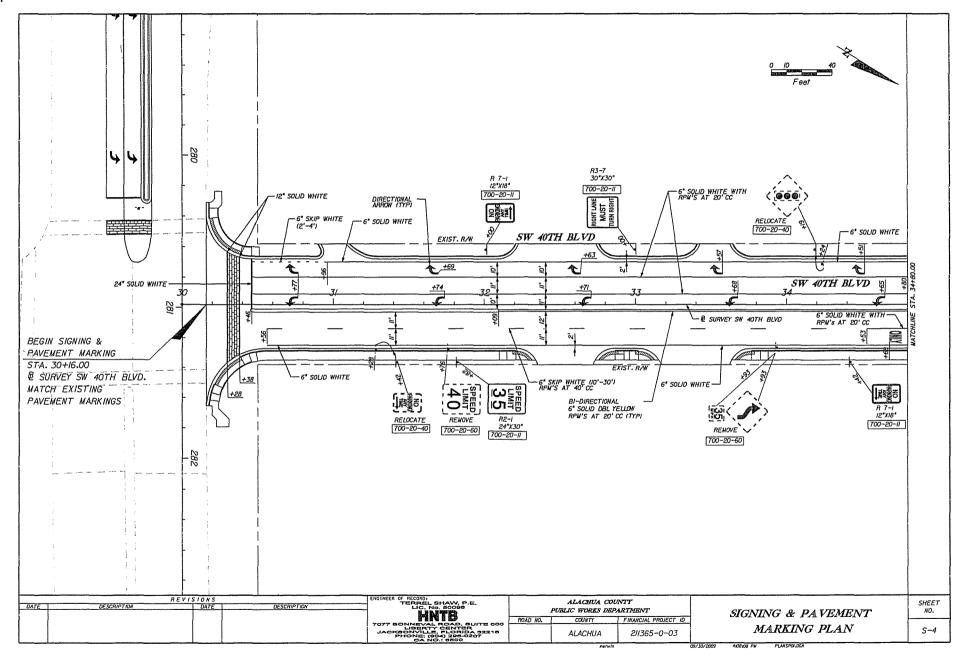
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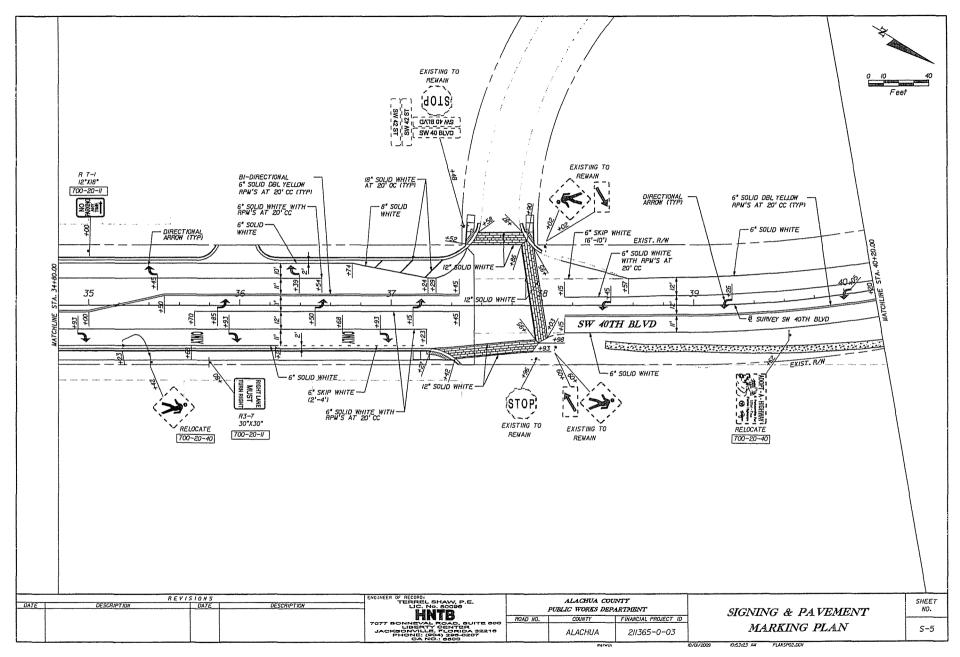
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711-11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12"	LF	†																								
711-11-124	THERMOPLASTIC, STANDARD, WHITE, SOLID, 18"	LF	‡																								
711-11-125	THERWOPLASTIC. STANDARD, WHITE, SOLID, 24"	LF																									
711-11-141	THERMOPLASTIC, STANDARD, WHITE, SKIP, 6"	LF					-														<u> </u>						
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NOTE: PAY ITEM I	NO. 710-90, PAINTED PAVENENT MARKINGS, SHALL BE	PLACED	AS PER	PLAN FO	R TEMPO								CORRES					HT WARK	INGS.				,		·		
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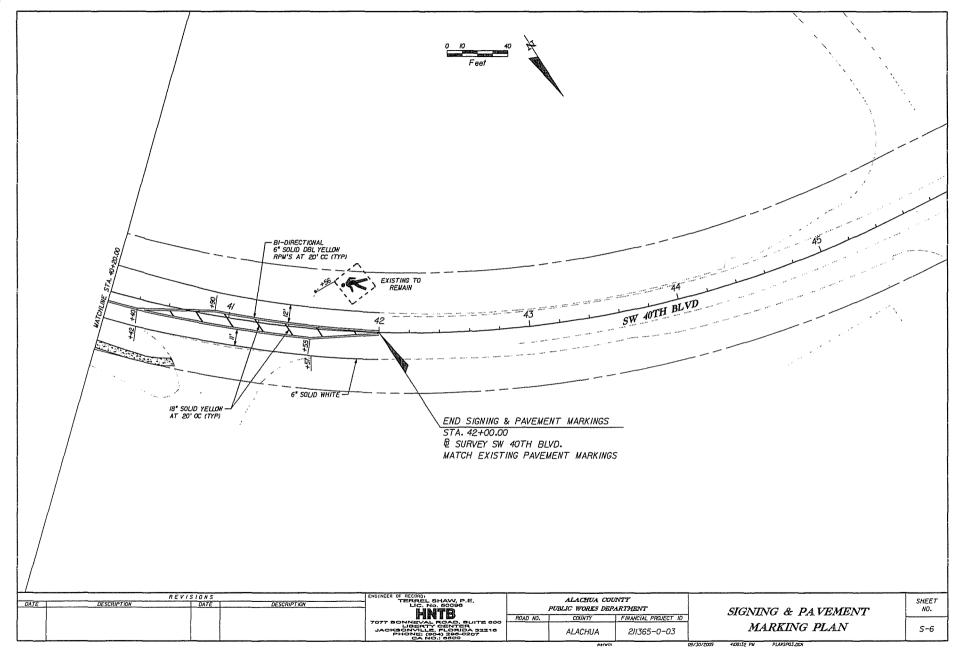
SIGNING AND PAVEMENT MARKING GENERAL NOTES

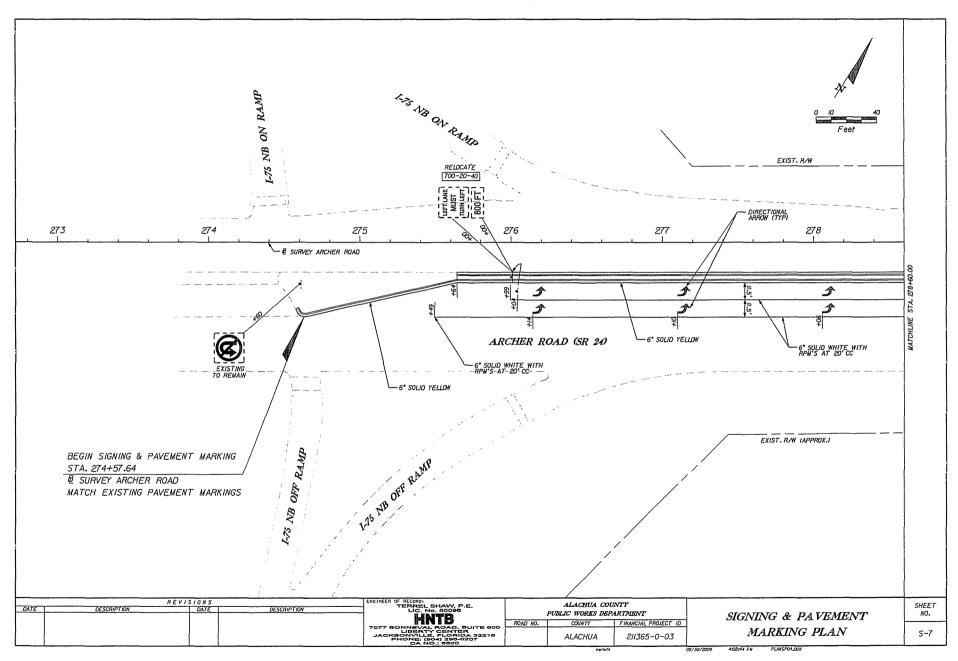
- I. PAVEMENT MARKINGS SHALL BE PLACED AS SHOWN IN THE TRAFFIC DESIGN STANDARDS. SIGNING AND PAVEMENT MARKING SHALL BE INSTALLED IN ACCORDANCE WITH THE 2003 EDITION OF THE MANUAL ON UNIFORM TRAFFC CONTROL DEVICES (MUTCD).
- 2. ALL EXISTING ALACHUA COUNTY, CITY OF GAINESVILLE, OR RTA SIGNS THAT CONFLICT 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 5-2, 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.
- IO. AMY 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.
- II. 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 THE PROJECT SITE BY THE CONTRACTOR WITHIN 48 HOURS OF REMOVAL.
- 13. MATCH EXISTING PAVEMENT MARKINGS AT THE BEGINNIG 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 RESTRIPED AND THE COST SHALL BE INCLUDED AS PART OF LOOP INSTALLATION

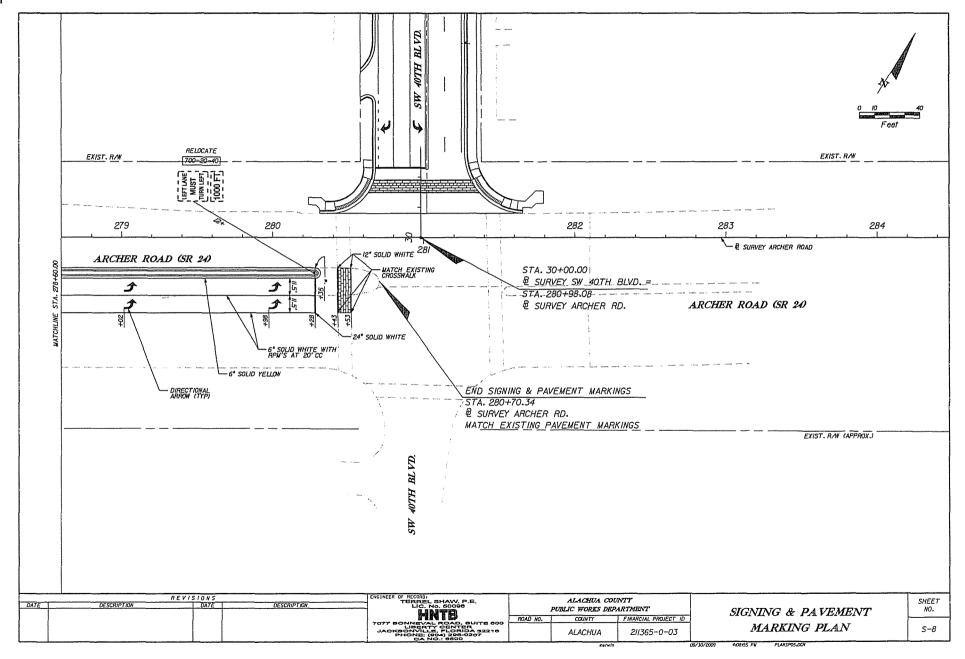
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			TOTT BONNEY-AL ROAD, BUITE BOO LIBERTY CENTER JACK-BONVILLE, FLORIDA 32216 PHONE: (PO4) 206-0207 CA NO.: 8660	ROAD NO.	ALACHUA	FINANCIAL PROJECT ID 211365-0-03	GENERAL NOTES	S-3









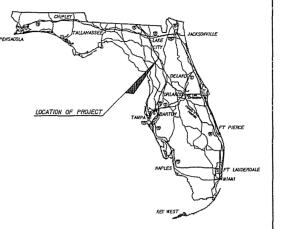


ALACHUA COUNTY PUBLIC WORKS DEPARTMENT

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



SIGNALIZATION SHOP DRAWINGS TO BE SUBMITTED TO:

STEVEN D. MIKESELL, P.E. HNTB CORPORATION 7077 BONNEVAL ROAD SUITE 800, LIBERTY CENTER JACKSONVILLE, FL 32218 PHONE NO. (804) 288-0207 FAX NO. (804) 279-0280

PLANS PREPARED BY:

HNTB

HNTB CORPORATION
7077 BONNEVAL ROAD
SUITE 600, LIBERTY CENTER
JACKSONVILLE, FL 32218
PHONE NO. (904) 278-0207
FAX NO. (904) 279-0280
CERT. OF AUTH. NO. 6500

NOTE: THE SCALE OF THESE PLANS WAY 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	SHEET
YEAR	NO.
10	T-1

INDEX OF SIGNALIZATION PLANS

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MAST ARM TABULATION

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TABLE OF VARIABLES FOR MAST ARM ASSEMBLIES

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TRAFFIC SIGNAL DETAILS

T-8

GUIDESIGN WORKSHEET

GOVERNING STANDARDS AND SPECIFICATIONS: FLORIDA DEPARTMENT OF TRANSPORTATION, DESIGN STANDARDS DATED 2000, 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.statu.fl.us/rddesign/

REVISIONS

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

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49-3X-XXX	MAST ARM ASSEMBLY (XI, XI) WO/ LUM	EA						 	 												 	 	 	+-
50-51-311	TRAFFIC SIGNAL (3-SECTION, 1-WAY) (LEDXSTD)	AS	 	<u> </u>	 			 	 	 			 					 				1	-	1-
50-51-511	TRAFFIC SIGNAL (5-SECTION, I-WAY) (LEDXSTD)	AS					l —	 	 	-			†		 			 		 	·	 	——	1
53-191	PEDESTRIAN SIGNALS (LED) (I-WAY COUNT DOWN)	AS	t		<u> </u>		 	 		 			1											1
53-192	PEDESTRIAN SIGNALS (LED) (2-WAY COUNT DOWN)	A5											i							İ				
559-101	SIGNAL HEAD AUXILIARIES, F&I, BACK PLATE, 3 SECTION	EA																		T				T
559-108	SIGNAL HEAD AUXILIARIES, F&, STEEL PEDESTAL	EA																						
559-II8	SIGNAL HEAD AUXILIARIES. F&I, BACK PLATE, 5 SECTION	EA					I		T					I										
60-i-i09	LOOP DETECTOR, INDUCTIVE, F&, TYPE 9	EΑ																						
660-i-IIO	LOOP DETECTOR, INDUCTIVE, F&, TYPE 10	EA																						
60-2-106	LOOP ASSEMBLY, FW. TYPE F - 6'X30'	AS.																						1
563-74-12	VEHICLE DETECTOR ASSEMBLIES, F&, INFRARED	EA																			<u> </u>			1
565 <i>11</i>	PEDESTRIAN DETECTOR, F&I	EΑ																						
570-5-111	TRAFFIC CONTROLLER ASSEMBLY (NAZTEC, TS-2, TYPE 1, MODEL 980)	AS					<u> </u>		<u> </u>														<u> </u>	1
585-128	SYSTEM AUXILIARIES (INTERFACE PANEL)	EA																				<u> </u>	<u> </u>	
85-140	SYSTEM AUXILIARIES (FIBER OPTIC, MODULATOR/DEMODULATOR)	EΑ	<u> </u>		<u> </u>				<u> </u>	<u> </u>			<u> </u>		ļ									╀
590- <i>1</i> 0	TRAFFIC SIGNAL HEAD ASSEMBLY, REMOVAL	EA					ļ		ļ				<u> </u>								<u> </u>		ļ	
590-20	SIGNAL PEDESTRIAN ASSEMBLY, REMOVE	EA							ļ	<u> </u>			<u> </u>									 	<u> </u>	+-
690-33-1	POLE REMOVAL- DEEP	LF							<u> </u>				<u> </u>					<u> </u>				 		┷
690-50	CONTROLLER ASSEMBLY- REMOVE	EA							ļ	ļ									ļ		 			1_
690-70	DETECTOR PEDESTRIAN ASSEMBLY. REMOVE	EA	ļ		ļ		<u> </u>		ļ				ļ	ļ	<u> </u>			ļ	ļ		 		 	 —
690-80	SPAN WIRE ASSEMBLY REMOVE	EA	ļ.——		-	ļ		ļ	<u> </u>				 		ļ	 			 	<u> </u>	<u> </u>	┼──	 	+
690-90	REMOVE CONDUIT & CABLING	PI	<u> </u>		├──		<u> </u>						 		 	ļ		-			├──	┼──	 	+
700-46-15	EXISTING SIGN. REMOVE, SPAN WIRE	AS	 				 												 		 	+	 	+
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GENERAL NOTES:

- i. THE CONTRACTOR SHALL NOTIFY THE CITY OF GAINESVILLE TRAFFIC OPERATION DEPARTMENT MR. TRAVIS LAW AT (352) 334-2755, AT LEAST 24 HOURS IN ADVANCE OF SETUP OF LOOP DETECTION ZONES SO HE WAY OBSERVE THEIR INSTALLATION IF HE SO DESIRES.
- 2. IT SHOULD BE NOTED NO TEST BORINGS WERE MADE WHERE COMDUIT RUNS ARE TO BE INSTALLED BY JACKING OR TRENCHING. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO EXAMINE THE JOB SITE CONDITIONS BEFORE SUBJECTING 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 VACIOUS 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.
- S THE CONTRACTOR SHALL VERIEY THE COLOR CODES OF THE SKNAL CARLE WITH THE CITY OF CAMESULLE REFORE ORDERING
- 6. THE CONTRACTOR SHALL PROVIDE A TWO MAN BUCKET TRUCK AND ASSIST THE FOOT INSPECTOR IN PHYSICALLY EXAMINING EACH
- 7. 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 WEAREST 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 CONTROL SHALL BE 2" MINIMUM UNLESS OTHERWISE SPECIFIED IN PLANS, EXCEPT ELECTRICAL POWER SERVICE DUCT.
- ID. PAYHENT FOR ELECTRICAL SERVICE WIRE NOT IN THE VERTICAL ASSEMBLY WILL BE PAID FOR PER LINEAR FOOT OF A SINGLE CONDUCTOR.
- II. A MANUAL PUSH BUTTON CORD SHALL BE FURNISHED IN ALL CONTROLLER CABINETS.
- 12. DELAY TIMES FOR LDOPS WARKED "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. UHLESS SPECIFIED OTHERWISE, ALL PULL BOX COVERS TO BE FURNISHED AND INSTALLED SHALL BE NON-METALLIC.
- IS. 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.
- IS. 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 SUBMITTAL'S REQUIRED FOR THIS PROJECT.
- IT. ALL SIGNAL EQUIPMENT THAT IS REMOVED SHALL RECOVE THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN A PLACE PROVIDED BY THE CONTRACTOR UNLESS OTHERWISE MOTED IN THE PLANS.
- IB. IF REQUIRED THE CONTRACTOR SHALL PROVIDE THE NECESSARY EQUIPMENT FOR SUPPORTING EXISTING UTILITY AND/OR SIGNAL POLES DURING CONSTRUCTION OF NEW HAST 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 WAST ARM PAY ITEM NUMBER.
- 19. ALL PEDESTRIAN SIGNAL INDICATIONS SHALL BE COUNT-DOWN PEDESTRIAN SIGNAL INDICATIONS AND ALL PEDESTRIAN SIGNAL SHALL HAVE INTERNATIONAL
- 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.
- ZI. WHEN THE CONTRACTOR IS REMOVING EXISTING TWISTED PAIR CARLE AND/OR RUNNING NEW FIRER OPTIC CARLE 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 IB 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 LINSTALLING CONCULT IN THE STREET, RENDYING SISTING SIGNAL EQUIPMENT, INSTALLING NEW SIGNAL EQUIPMENT AND RUINS AND TURNING ON OF NEW SIGNALS/WHERE A LANE
 IS TO BE CLOSED, AN OFF-DUTY LAW ENFORCEMENT OFFICER SHALL DIRECT TRAFFIC. THE ROUTHY RATE OF PRY 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 (MOT).
- 24. WAINTAINENCE 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
- 25. THE CONTRACTOR SHALL NOTIFY THE SUMSHIME STATE ONE CALL AT 1-800-432-4770 AND THE APPROPRIATE UTILITY COMPANIES
 USTED IN THE TABLE BELOW AT LEAST 2 FULL BUSINESS DAYS IN ADVANCE OF POLE CONSTRUCTOM OPERATIONS, HERE CONFLICT
 WITH UNDERGROUND UTILITIES OR OFFERDAD ELECTRICAL COMPOSITIONS IS EXPECTED AND IN ALL CASES WHERE JOINT USE POLES ARE CALLED FOR.

CLAY ELECTRIC COX COMMUNICATIONS 352-337-8//5 352-337-2052 STEVE LAW GARY HARRELL GRU WASTEWATER AWATER JASON SPARKS 352-191-1642 WALLY SEALEY WIKE BROWN 352-334-3400 EXT 6056 352-393-1466 GRU ELECTRIC GRU GAS EVERETT SPARKS 352-331-9147

SPECIAL NOTES:

- 1. THE COST OF FURNISHING AND INSTALLING THE FTP-68B-OG (INTERNATIONAL) SIGNS SHALL BE INCLUDED IN PAY ITEM NO. 665-11.
- 2. SIGNAL PEDESTAL AND SIGNAL POLE STATIONING AND OFFSETS WAY REQUIRE WINOR ADJUSTMENTS IN THE FIELD TO ENSURE HORIZONTAL CLEARANCE FROM FACE OF CURB TO CLOSEST SURFACE OF POLE AND WITHIN ROADMAY RIGHT-OF-WAY AND TO MAINTAIN A 4.0' MINIMUM SIDEWALK WIDTH. AMY RELOCATED POLES SHALL BE PLACED TO PROVIDE THE MAXIMUM SIDEWALK CLEARANCE POSSIBLE WITHIN ROADMAY 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 FARRICATING WAST ARMS.
- S. 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 MAIN, ISSU 334-5674, AT THE CITY OF GAINESVILLE TRAFFIC OPS DEPARTMENT TO OBTAIN A COLOR CHIP FOR THE FANTING OF PEDESTRIAN POLES AND MAST ANY POLES, THE BRAND OF PAINT SHALL BE DETERMINED BY THE FOLD MANIFACTURER, PAINT SHALL BE APPUED FOR SPECIFICATION 699 AND 533.
- 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.
- IO. FINAL SIGNAL POLE PLACEMENT SHALL BE A MINIMUM OF 6' FROM ALL OVERHEAD UTILITIES.
- II. SIGNAL HEADS SHALL BE LOCATED AS SHOWN IN THE PLANS. A WINIMUM OF B' HORIZONTAL SEPARATION BETWEEN SIGNAL
- 12. ALL ASTRO BRACKETS SHALL ARTICULATE AND HAVE BUILT INTO THE HOUSING A 12" (WINIWUW) CONDUCTOR TERMINAL STRIP. PELCO MODEL #ABONZ OR APPROVED EQUIVALENT.
- IS. THE CONTRACTOR SHALL VERIFY STREET HAVE SIGN WESSAGES PRIOR TO FABRICATION, BLOCK NUMBERS AND/OR ARROWS WAY 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.
- IS. IN ADDITION TO THE REQUIREMENTS SET FORTH IN THE FOOT SPECIFICATIONS, ELECTRICAL POWER SERVICE IS TO INCLUDE CONSTRUCTING METER/DISCONNECT FRAME STAND PER DETAIL SHOWN ON THE TRAFFIC SKINAL DETAILS SHEET. HEIGHT OF THE A-FRAME TO BE DETERMINED BASED UPON THE HEIGHT REQUIREMENTS FROM THE POWER COMPANY FOR THE DISCONNECT.
- 16. PAY ITEN NO. 639-1-22 SHALL INCLUDE PAYMENT FOR THE "A" FRAME DISCONNECT DETAILED IN THE PLAIS.
- IT. WHERE MULTIPLE COMDUIT 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.
- IB. PAYMENT FOR POWER SERVICE PULL BOXES TO BE INCLUDED UNDER PAY ITEM NO. 635-1-41.
- IS. THE CONTRACTOR SHALL ADJUST, AS DIRECTED BY THE ENGINEER, THE LOCATIONS OF THE SIGNAL WAST ARMS/POLES, CONDUITS, PULL BOXES, ETC.
- 20. PAY ITEM MUMBER 670-5-III SHALL INCLUDE NAZTEC TYPE-VI CONTROLLER CABINET W/ETHERNET, NAZTEC TS-2 TYPE-I INEMA CONTROLLER, GENERATOR PLUG, CISCO INDUSTRIAL SWITCH AND LED MMU.
- 21. PAY ITEM NO. 663-74-19 SHALL INCLUDE AN URBAN AREA PREFUNDIN SYSTEM. THIS SYSTEM SHALL BE FULLY COMPATIBLE WITH THE EXISTING CITY OF GAMESVILE PREEMPTION SYSTEM ISM OPTICON, ALL NECESSARY COMPRENT SHALL BE PAID FOR UNDER THIS BID ITEM NUMBER. NECESSARY EQUIPMENT SHALL INCLUDE BUT NOT BE LIMITED TO:
 - 3W OPTICOW PHASE SELECTOR WODEL 754 CHANNELS.
 - 3H OPTICON HODEL 757 AUXILIARY DETECTOR/GREEN SENSE HARNESS,
 - 3W OPTICON DETECTOR CABLE WODEL 138 (APPROXIMATELY POO FEET PER RUN).
- 3M OFFICON DETECTOR MODELS THITTED THE TOTAL CONTRACTOR ON MITCHSECTION LARGET.

 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) 334-255.

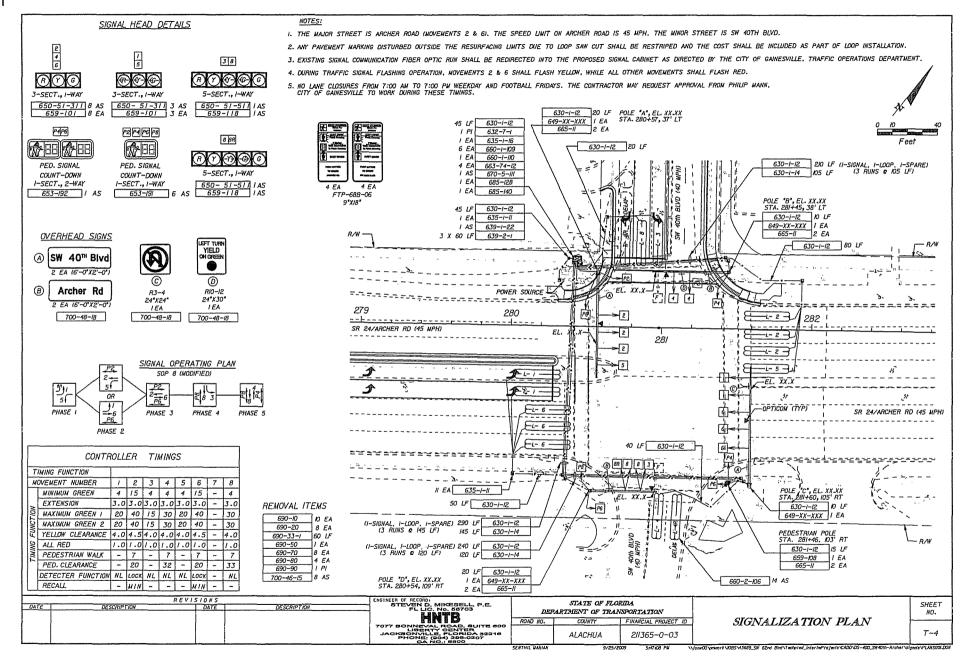
		REVISIONS		ENGINEER OF RECORD.
TE	DESCRIPTION	DATE	DESCRIPTION	STEVEN D. MIKESELL, P.E. FL LIC. No. 58703
				7077 BONNEVAL ROAD, BUITE 600 LIBERTY CENTER JACKBONVILLE, FLORIDA 32216 PHONE; (804) 286-0207 CA NO.: 6500

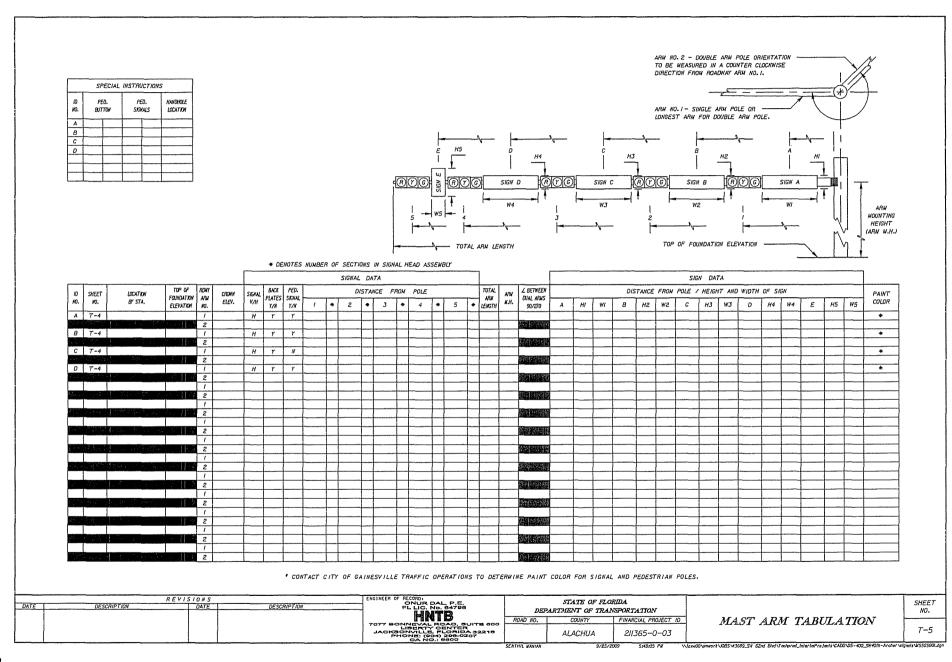
DEP2	STATE OF FL ARTMENT OF TRA	
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
1	ALACHUA	2//365-0-03

GENERAL NOTES

SHEET

DAT





					STAND	ARD MAST	ARM AS	SEMBLIES	DESIGN	TABLE						
STRUCTURE	ASSEMBLY		FIRST ARK	·	Ÿ.	SECOND AR	И	UF		PO	LE		SPECIAL DRILLED SHAFT DATA [4]			
ID NUMBERS	NUMBERS (I)	ARM TYPE	FAA (ft) ⁽²⁾	FBA (In) ⁽²⁾	ARM TYPE	FAA (ftJ ⁽²⁾	FBA (In) ⁽²⁾	(deg)	POLE TYPE	UAA (ft)	UB (ft)	(InJ ⁽³⁾	DA (ft)	באוז פס	RA	RB
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TABLE NOTES:
(I) Assembly Number Legend

31 Single Arm.

Single Arm.

Arm Type — Pole Type = D* — S*

= E# — T*

= F# — W*

Double Arm:

First Arm Type - Second Arm Type - Pole Type = D# - D# - S#

= E# - E# - T#

= F# - F# - W#

- (2) If an entry appears in columns "FAA" and "FBA", a shorter arm is required. This is obtained by removing length from the arm tip. For these cases the most arm length shall be shortened from "FAA" or "FAA" and the are tip diameter shall be increased from "FB" to "FBA".
- (3) if an entry appears in columns "UAA" and "UCA", a shorter pole is required. This is obtained by removing length from the pole tip. For these cases the pole height shall be shortened from "UA" to "UAA" and the pole tip diameter shall be increased from "UC" to "UCA".
- (4) The foundations for Standard Mast Arm Assemblies are pra-designed and are based upon the following conservative soil criteria which covers the great majority of soil types found in Florida. Only complete the "Special Drilled Shaft Data" information it site conditions dictate drilled shafts in soils with lesser strength properties.

Classification = Cohesioniess (Fine Sand)
Friction Angle = 30 Degrees (30°)
Unit Weight = 50 lbs_cu.ft. (assumed saturated)

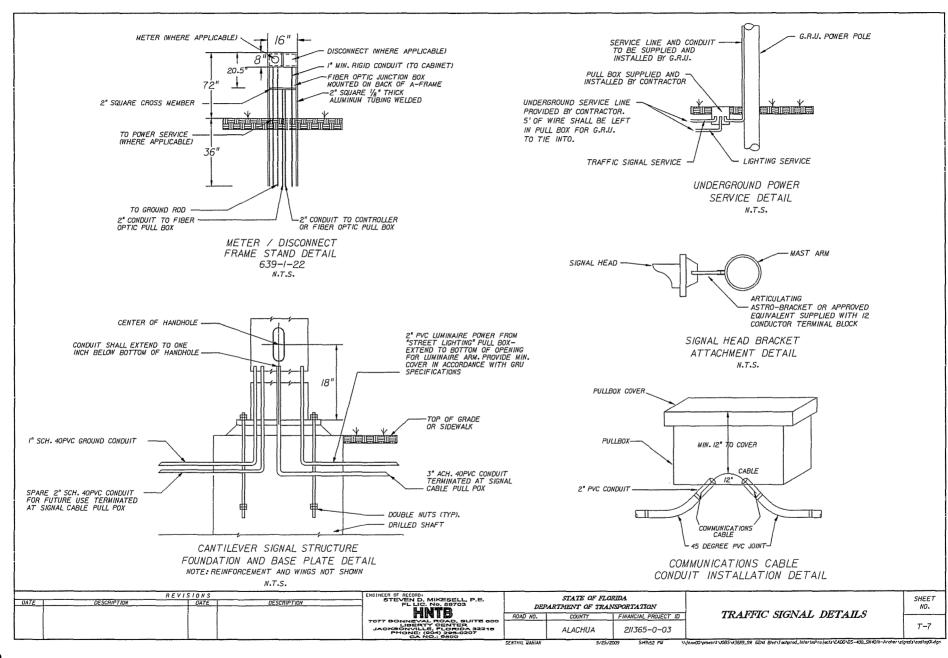
GENERAL NOTES:

- (I) Work this sheet with the Signal Designer's "Most Arm Tobulation". See "Most Arm Tobulation" for special instructions that include non-standard Handhole location, point color, terminal compartment requirement and pedestrian Teatures.
- (2) Work this sheet with "Design Standards" Index Nos. 17743 & 17745 and with "Plans Preparation Manual" Chapter 24.7, Vol-2 and Figure 29.2, Vol-i.

L							
		VISIONS		ENGINEER OF RECORDS	1	STATE OF FL	ORIDA
DATE	DESCRIPTION	DATE	DESCRIPTION	FL LIC. No. 64798	DE	PARTMENT OF TRA	
				HNTB	ROAD NO.	COUNTY	FINANCIAL PROJECT ID
				JACKSONVILLE, FLORIDA 32216 PHONE: (904) 266-0207		ALACHUA	211365-0-03

TABLE OF VARIABLES FOR MAST ARM ASSEMBLIES SHEET NO. T-6

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QUANTITY	
HEIGHT 2'-0' 3 OVERHEAD STREET NAME SIGN NOTES:	
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4. SIGN PANEL INSTALLATION TO INCLUDE ALL ATTACHMENT HARDWARE REQUIRED FOR INST	FALLING
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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 9, 2009

TO:

Metropolitan Transportation Planning Organization (MTPO)

FROM:

Marlie Sanderson, AICP, Director of Transportation Planning

SUBJECT:

SW 62nd Connector Interim Projects 60 Percent Design Plans-

SW 43rd Street at SW 20th Avenue Intersection Modifications

MTPO STAFF RECOMMENDATION

Approve the 60 Percent Design Plans.

BACKGROUND

The SW 43rd Street at SW 20th Avenue Intersection Modifications project is one of three interim projects resulting from the SW 62nd Connector Project Development and Environmental Study. Alachua County has submitted 60 Percent Design Plans for review. This interim project is being funded using the federal SAFETEA-LU High Priority Funds (also called "earmark funds").

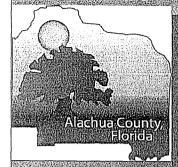
Exhibit 1 includes the Interim Project slideshow. Exhibit 2 includes the 60 percent Design Plan Signing and Pavement Marking Plans and the Signalization Plans. To also review the full set of design plans, refer to the MTPO website:

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

SW 43 rd Street	@ SW 20th Avenue	Intersection Proje	ct- Programmed Fu	ınds 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)

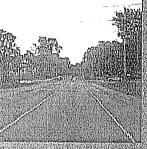


Purpose/Recommendation



- Recommendation

 Approve the 60% design plans as proposed and direct staff to proceed with the development of the 90% plans.



· Interim Projects

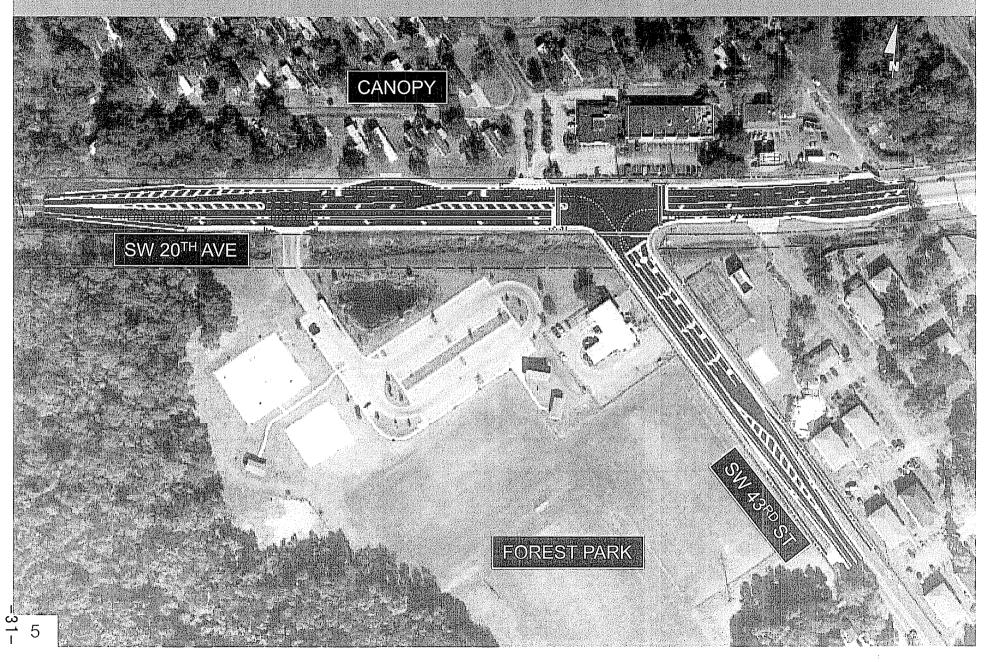
- Southwest 40th Boulevard at Archer Road
- Southwest 20th Boulevard at Southwest 43rd Street
- Smart Bus Bay

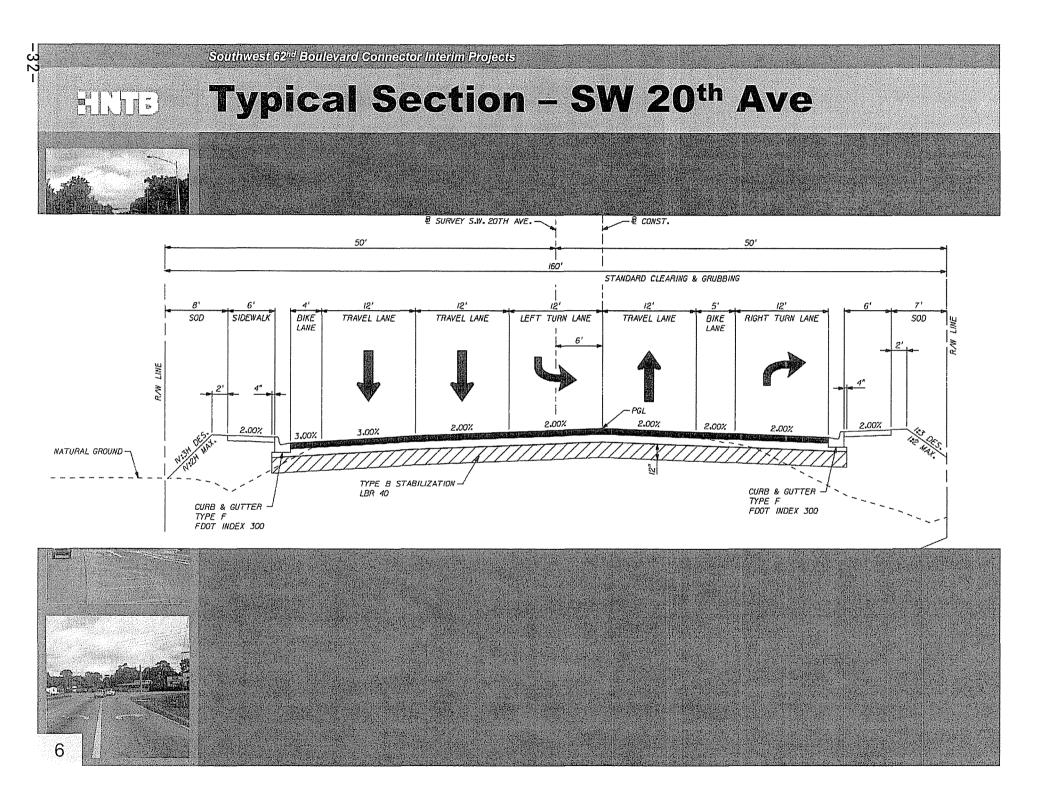




Southwest 62nd Boulevard Connector Interim Projects

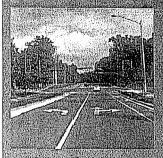
SW 20th Avenue at SW 43rd Street







Schedule



Nov Dec Jan Feb Mar Apr May



MTPO Review 90% Plans

Review

BOCC Presentation

Public Meeting

100% Plans

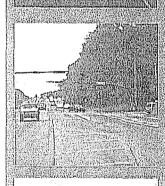
Review

Final Plans

Permitting

Advertisement

Construction Notice to Proceed — October 2010





Purpose/Recommendation



Recommendation

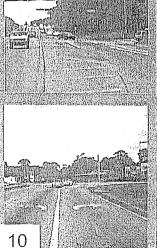
 Approve the 60% design plans as proposed and direct staff to proceed with the development of the 90% plans.



Interim Projects

- Southwest 40th Boulevard at Archer Road
- Southwest 20th Boulevard at Southwest 43rd Street
- Smart Bus Bay





ALACHUA COUNTY PUBLIC WORKS DEPARTMENT

CONTRACT PLANS

FINANCIAL PROJECT ID 211365-0-03 FEDERAL AID PROJECT NO. SI24-002R ALACHUA COUNTY (51240)

SW 20TH AVENUE AT SW 43RD STREET INTERSECTION IMPROVEMENTS

LOCATION OF PROJECT T LHIOSPOLIS KET WEST

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.

INDEX OF SIGNING AND PAVEMENT MARKING PLANS

SHEET DESCRIPTION

TABULATION OF QUANTITIES

SIGNING AND PAVENENT MARKING PLAN

KEY SHEET

GENERAL NOTES

SHEET NO.

S-4 TO S-8

5-1

5-2 5-3

REVISIONS

ROADWAY SHOP DRAWINGS TO BE SUBMITTED TO:

TERREL SHAW, P.E.
HNTB CORPORATION
7077 BONNEVAL ROAD
SUITE 800, LIBERTY CENTER
JACKSONVILLE, FL 32218
PHONE NO. (904) 258-0207
FAX NO. (904) 278-0280

PLANS PREPARED BY:

HNTB CORPORATION 7077 BONNEVAL ROAD SUITE 600, LIBERTY CENTER JACKSONVILLE, FL 32218 PHONE NO. (804) 278-0207 FAX NO. (804) 279-0260 CERT, OF AUTH, NO. 8500

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

PHASE II SUBMITTAL AUGUST 2009

KEY SHEET REVISIONS DATE BY

TERREL SHAW, P.E. ENGINEER OF RECORDS P.E. NO.: 50096

FISCAL SHEET YEAR NO. 5-1

ALACHUA COUNTY PROJECT MANAGER: HA NGUYEN

M/22/2009 8:20:26 PM

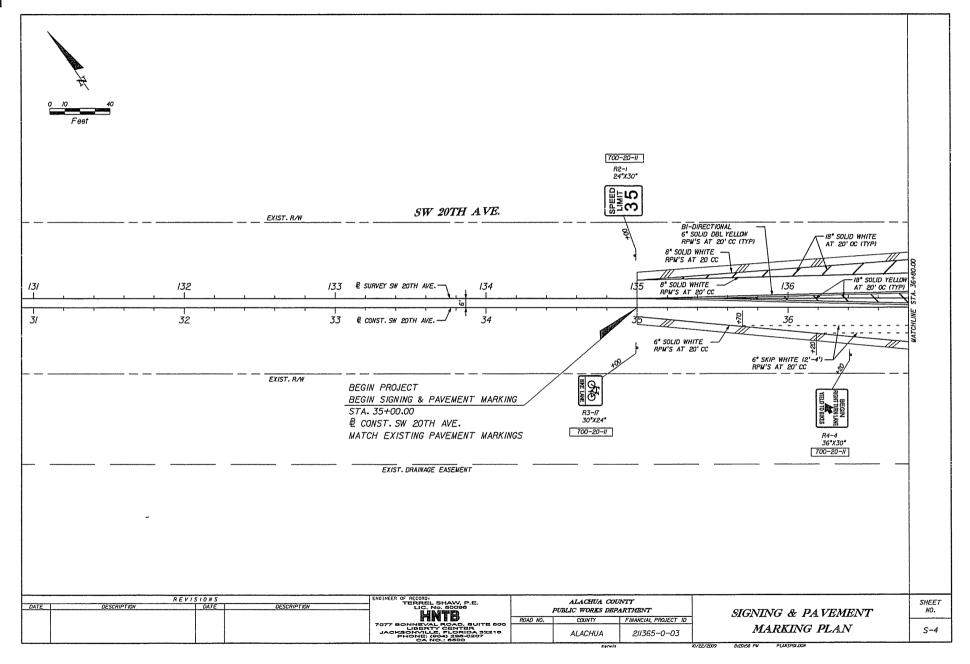
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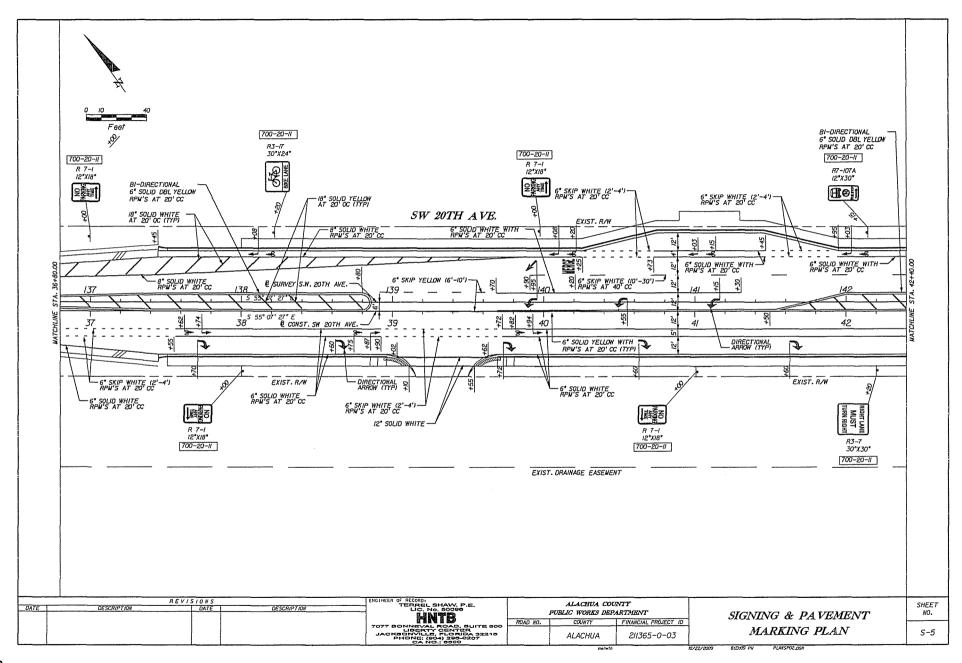
TABULATION OF QUANTITIES																													
PAY ITEM NO. DESCRIPTION	DESCRIPTION	UNIT		SHEET NUMBERS												T0 T1	TAL HIS EET	GRAND TOTAL		REF. SHEET									
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700-20-11	SINGLE POST SIGN, F&I. LESS THAN 12 SF	AS	FLOR	FINAL	T DOT	THAL	FLOOI	FINAL	I LAN	FINAL	r DW	FINAL	FLAN	FIRAL	FDV	FINAL	PLAN	FINAL	FLAN	FINAL	- CAN	FINAL	FLAU	FINAL	FLAN	FIRAL			
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711-11-121	THERWOPLASTIC, STANDARD, WHITE, SOLID, 6"	LF		1				<u> </u>	_			-		-	<u> </u>			-	<u> </u>								 		
711-11-122	THERMOPLASTIC, STANDARD, WHITE, SOLID, B"	LF																											
711-11-123	THERWOPLASTIC, STANDARD, WHITE, SOLID, 12"	LF						-		-		-		-	-							 			<u> </u>				
711-11-124	THERWOPLASTIC, STANDARD, WHITE, SOLID, 18"	LF	1-					-	-	+				-								-				-			
711-11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24"	LF	-							-				-															
711-11-141	THERMOPLASTIC. STANDARD, WHITE, SKIP, 6"	LF						-		-					-	-				-						-	-		
711-11-160	THERWOPLASTIC, STANDARD, WHITE, WESSAGE	EA							-										-							 			
711-11-170	THERMOPLASTIC, STANDARD, WHITE, ARROW	EA							_						-			-	-										
711-11-221	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 6"	LF	1	-	-			-				-	-	-	ļ		ļ		-										
711-11-224	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 18"	LF	-					-	-					_			<u> </u>												
711-11-241	THERWOPLASTIC, STANDARD, YELLOW, SKIP, 6"	GM	-	1				-		1		-			ļ												1		
710-90	PAINTED PAVENENT WARKINGS -FINAL SURFACE	LS	-						-			-	 	 			-		 							1			
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HOTE: PAY ITEM	NO. 710-90, PAINTED PAVEHENT MARKINGS. SHALL BE	PLACED	AS PER	PLAH FO	R TEMPO	RARY PA	VENERT	WARK ING	S. QUAN	TITIES	ARE AS	PER THE	CORRES	PONDING	THERMO	PLAST IC	PAVENE	NT WARK	INGS.										
DATE	R E V / S I O N S DESCRIPTION DATE DATE	, c	DESCRIPTION ENGINEER OF RECORD. TERREL SHAW, P.E. LIC. No. 80086 7077 BONNEYAL ROAD, BUITE 600 ACROSS STREET CENTRY CENTRY SERVICE STREET STREET SERVICE STREET SERVIC						ALACHUA COUNTY PUBLIC WORKS DEPARTMENT																				
						70	777 BO	2252		D, SUIT	E 600	ROAD	NO.		CHUA		WCIAL PR	0JECT ID 1-03	7	ABU	LA 7	ION	ON OF QUANTITIES						
							CA NO.: 6500												10/22/20	00 0	20-17 PU	FADO	DSPOKJIGN						

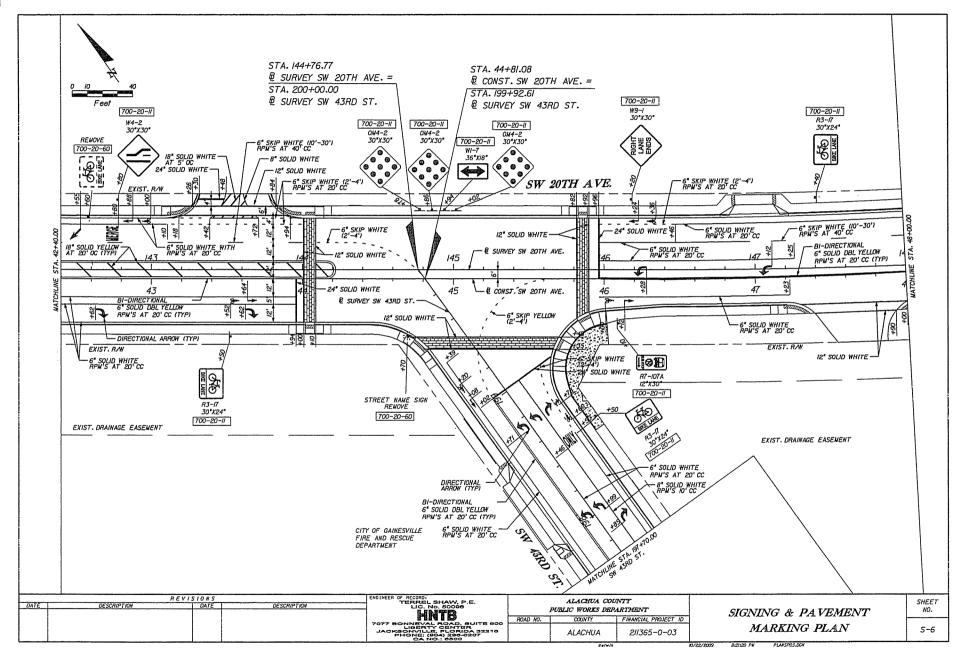
SIGNING AND PAVEMENT MARKING GENERAL NOTES

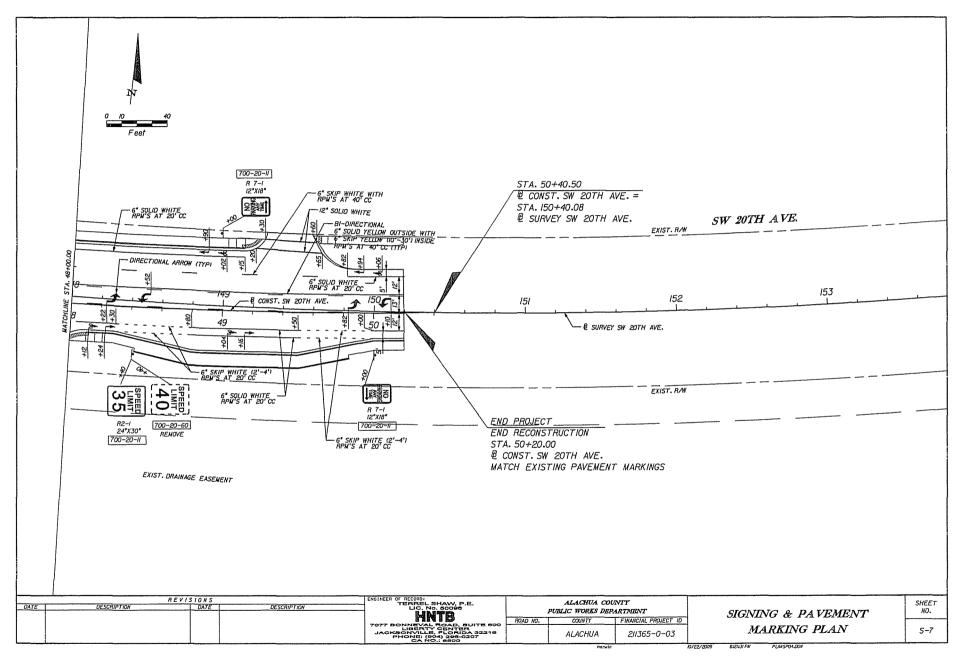
- I. PAVEMENT MARKINGS SHALL BE PLACED AS SHOWN IN THE TRAFFIC DESIGN STANDARDS. SIGNING AND PAVEMENT MARKING SHALL BE INSTALLED IN ACCORDANCE WITH THE 2003 EDITION OF THE MANUAL ON UNIFORM TRAFFC CONTROL DEVICES (MUTCD).
- 2. ALL EXISTING ALACHUA COUNTY, CITY OF GAINESVILLE, OR RTA SIGNS THAT CONFLICT 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 5-2, 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. AMY 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.
- II. 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 THE PROJECT SITE BY THE CONTRACTOR WITHIN 48 HOURS OF REMOVAL.
- 13. MATCH EXISTING PAVEMENT MARKINGS AT THE BEGINNIG AND END OF PROJECT AND AT ALL SIDE STREETS.

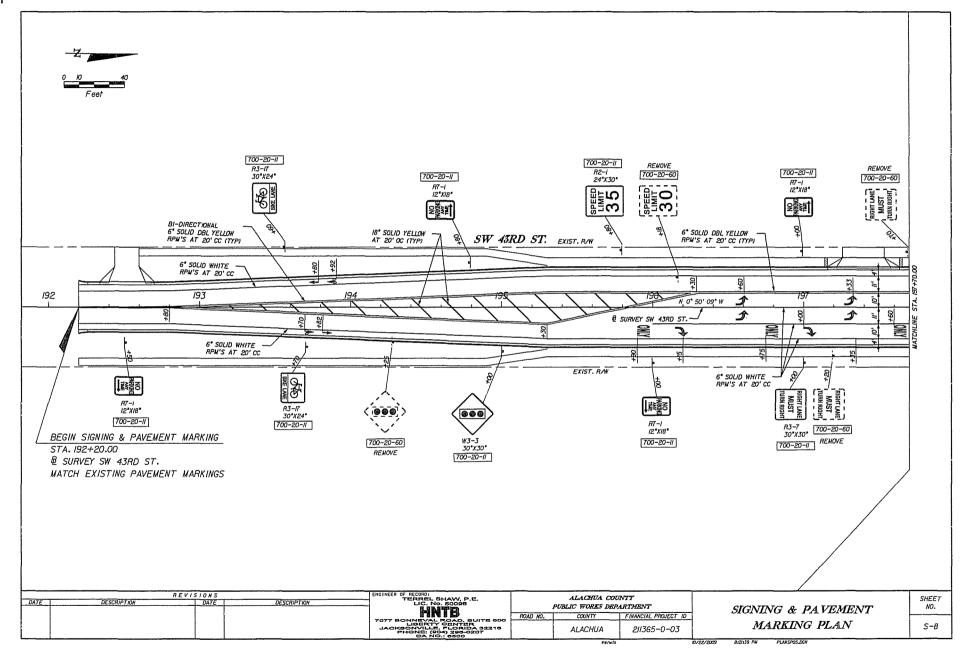
		EVISIONS		ENGINEER OF RECORDS TERREL SHAW, P.E.		ALACHUA COL	NTT		SHEET
DATE	DESCRIPTION	DATE	DESCRIPTION	HNTB		PUBLIC WORKS DEP	ARTMENT		NO.
				7077 BONNEVAL ROAD, SUITE 600	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	GENERAL NOTES	5-3
				JACKSONVILLE, FLORIDA 32216 PHONE: (904) 296-0207 CA NO.: 6500		ALACHUA	211365-0-03		5-3









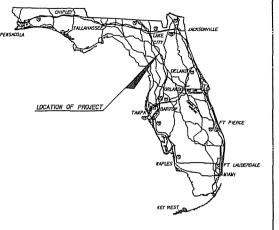


ALACHUA COUNTY PUBLIC WORKS DEPARTMENT

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



SIGNALIZATION SHOP DRAWINGS TO BE SUBMITTED TO:

STEVEN D, MIKESELL, P.E. HNTB CORPORATION 7077 BONNEVAL ROAD SUITE 500, LIBERTY CENTER JACKSONVILLE, FL 32218 PHONE NO. (904) 258-0207 FAX NO. (904) 278-0250

PLANS PREPARED BY:

HNTB

HATB CORPORATION
7077 BONNEVAL ROAD
SUITE 500, LIBERTY CENTER
JACKSONVILLE, FL 32216
PHONE NO. (904) 278-0207
FAX NO. (904) 279-0260
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

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 DEPARTIVENT OF TRANSPORTATION, DESIGN STANDARDS DATED DOID, AND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION DATED BOOT, AS AMERICED BY CONTRACT DOCUMENTS.

APPLICABLE DESIGN STANDARDS MODIFICATIONS: TBA For Design Standards modifications click on: http://www.dol.stats.fl.us/rddesign/

REVISIONS

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BID ITEM NO.	DESCRIPTION	UNIT	T		ODCIVAL	EIUD)	OOKWA	SHEET	ORIGINAL	SIVAL	opeuu	CIVII	ODDANI	CRIA	ORIGINAL	CIV.I	OOCIUII	FRIAI	ORIGINAL	ENAL	TO: TH SHE	115	GRAI TOT	
30-i-12	CONDUIT-SIGNALS, F&I, UNDERGROUND	LF	GUUTAL	1 mag	CIVOTIAL	TINL	Urbanac	FIRML	UTVOITAL	LIUWE	CIVATIAL	TIMPE.	UNIONAL	rinna	Urbom/L	TUIAL.	CHOMINE	FIRE	UTVOTAL	rink.	0		0	_
30-i-14	CONDUIT-SIGNALS, F&I, UNDERGROUND-JACKED	<i>LF</i>	1																		0		0	$\overline{}$
32-7-1	CABLE-SIGNALS, F&	PI																			0		0	Π
35-1-11	PULL BOXES, F&i	EA	<u> </u>																		0		0	
35-I- <i>1</i> 6	PULL BOXES, F&I. SPECIAL	EA	ļ																		0		0	
39-1-22	SIGNALS- ELECTRICAL POWER SERVICE (UNDERGROUND)	AS																		,,	0		0	<u> </u>
39-2-i	SIGNALS- ELECTRICAL SERVICE WIRE	UF	<u> </u>																		0		0	<u>_</u>
49-3X-XXX	NAST ARM ASSEMBLY (XI, XI) WO/ LUN	EA																	 		0		0	├
50-51-311	TRAFFIC SIGNAL (3-SECTION, I-WAY) (LEDXSTD)	A5	 																		0		0	-
50-51-511 53-191	TRAFFIC SIGNAL (5-SECTION, I-WAY) (LEDXSTD) PEDESTRIAN SIGNALS (LED) (I-WAY COUNT DOWN)	AS AS	 		ļ																0		0	├-
53-191 53-192	PEDESTRIAN SIGNALS (LED) (1-WAT COUNT DOWN)	AS AS	 		i														 		0		0	-
59-108	SIGNAL HEAD AUXILIARIES, F&, STEEL PEDESTAL	EA							 												0		0	-
60~i~li0	LOOP DETECTOR, INDUCTIVE, F&, TYPE IO	EA	 						 												0		0	
60-2-102	LOOP ASSEMBLY, F&, TYPE B -6'X6'	AS	 		 				 		 				 				 		0		0	-
63-74-11	VEHICLE DETECTOR ASSEMBLIES, F&I, OPTICAL	EA							 												0		0	<u> </u>
63-74- <i>1</i> 5	VEHICLE DETECTOR ASSEMBLES, FM. VIDEO DETECTION	EA	1		1								 							L	0		0	\vdash
565-II	PEDESTRIAN DETECTOR, F&I	EA	 		 						-				 						0		0	_
70-5-111	TRAFFIC CONTROLLER ASSEMBLY (NAZTEC, TS-2, TYPE I, MODEL 980)	AS																			0		0	
85-128	SYSTEM AUXILIARIES (INTERFACE PANEL)	EA																			0		0	Г
85-140	SYSTEM AUXIUARIES (FIBER OPTIC, MODULATOR/DEMODULATOR)	ΕA																			0		0	
90- <i>1</i> 0	TRAFFIC SIGNAL HEAD ASSEMBLY, REMOVAL	EA																			0		0	
90-32-1	POLE REMOVAL- SHALLOW	EA																			0		0	
90-33-1	POLE REMOVAL- DEEP	UF																			0		0	
90-50	CONTROLLER ASSEMBLY- REMOVE	EA																			0		0	
690-70	DETECTOR PEDESTRIAN ASSEMBLY. REMOVE	EA																			0		0	
590-80	SPAN WIRE ASSEMBLY REMOVE	EA			<u> </u>																0		0	_
590-90	REMOVE CONDUIT & CABLING	PI																			0		0	
700-46-15	EXISTING SIGN, REMOVE, SPAN WIRE	AS																			0		0	<u> </u>
700-48-18	SIGN PANEL, INSTALL (IS or LESS SQ FT)	EA	ļ		ļ						 								ļ		0		0	-
700-89-2	ELECTRIC POWERED SIGN (BLANK-OUT SIGN)	EA	 																		0	-	0	├
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			ENGINEER OF RECORD. STEVEN D. MIKEGELL P.E. FILIC No. 50703 DEPARTMENT OF TRANSPORTATION											$\neg \tau$	s									
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GENERAL NOTES:

- 1. THE CONTRACTOR SHALL NOTIFY THE CITY OF GAMESVILLE TRAFFIC OPERATION DEPARTMENT MR. TRAVIS LAW AT (152) 334-265, 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 MOTED 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 SUBJITTING BID PROPOSALS IN ACCORDANCE WITH SECTION 2-4 OF THE FOOT 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 VACIUM 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 VERIEY THE COLOR CODES OF THE SIGNAL CARLE WITH THE CITY OF CAMESVILLE REFORE ORDERING
- 7. THE CONTRACTOR SHALL PROVIDE A TWO WAN BUCKET TRUCK AND ASSIST THE FOOT INSPECTOR IN PHYSICALLY EXAMINING FACH 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-FRANES", CONTROLLER CABINETS, SIGNAL WASH ARMS/POLES AND PETESTRIAN POLES SHALL BE REPLACED, REPLACEMENT SHALL BE TO THE MEAREST EXPANSION WHAT
- IO. NO POLYCARBONATE HOUSING OR MOUNTING HARDWARE WILL BE PERMITTED FOR VEHICULAR OR PEDESTRIAN SIGNAL HEAD ASSEMBLIES. ALL INDICATIONS FOR VEHICULAR AND PEDESTRIAN SIGNAL HEAD ASSENBLIES SHALL BE LED.
- II. 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.
- H. DELAY TIMES FOR LOOPS/VOS WARKED "DELAY" SHALL BE SET TO 5 SECONDS.
- IS. 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-WETALLIC.
- IT. AS DIRECTED BY THE PROJECT EMGINEER, THE CONTRACTOR SHALL ADJUST CONDUIT & PULL BOXES HORIZONTALLY AND/OR VERTICALLY IN ORDER TO AVOID ANY POSSIBLE CONFLICTS WITH UNDERGROUND UTILITIES.
- IB. 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 SUBMITTAL'S REQUIRED FOR THIS PROJECT.
- 9. ALL SIGNAL EQUIPMENT THAT IS REMOVED SHALL BETOVE THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF IN A PLACE PROVIDED BY THE CONTRACTOR UNLESS OTHERWISE MOTED IN THE PLANS.
- 20. IF REQUIRED, THE CONTRACTOR SHALL PROVIDE THE RECESSARY EQUIPMENT FOR SUPPORTING EXISTING LITH IT? AND OR SIGNAL POLES DURING CONSTRUCTOR OF NEW MAST ARMS AND MAST ARM FOUNDATIONS. THE CONTRACTOR SHALL CORDINATE THIS EFFORT WITH THE UTILITY COMPANIES AND/OR THE LOCAL MAINTAINING AGENCY, PAYMENT TO BE INCLIDED IN THE ASSOCIATED MAST ARM PAY ITEM NUMBER.
- 21. ALL PEDESTRIAN SIGNAL INDICATIONS SHALL BE COUNT-DOWN PEDESTRIAN SIGNAL INDICATIONS AND ALL PEDESTRIAN SIGNAL SHALL HAVE INTERNATIONAL
- 22. 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.
- 23. WHEN THE CONTRACTOR IS REMOVING EXISTING TWISTED PAIR CABLE AND/OR RUNNING NEW FIBER OFFIC 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 IB 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 EMFORCEMENT OFFICER SHALL DIRECT TRAFFIC. THE HOURLY RATE OF PAY FOR AN OFF-DUTY LAW EMFORCEMENT OFFICER CAN BE OBTAINED FROM THE OFFICE OF THE LAW EMFORCEMENT OFFICER. THIS COST SHALL BE INCLUDED IN PAY ITEM 102-1(MOT).
- 26. WAINTAINENCE OF TRAFFIC SHALL CONFORM TO FOOT DESIGN STANDARDS.
- 27. THE CONTRACTOR SHALL NOTIFY THE SUMSHINE STATE ONE CALL AT 1-800-432-4770 AND THE APPROPRIATE UTILITY COMPANIES
 USTED IN THE TABLE BELOW AT LEAST 2 FULL BUSINESS DAYS IN MOVINCE OF POLE CONSTRUCTION OPERATIONS, MEMBER CONFLICT
 WHIT HUNGERORIONO UTILITIES OR OVERHIND ELECTRICAL CONDUCTORS IS EXPECTED AND IN ALL CASES WHERE JOINT USE POLES AND CALLED FOR.

COX COMMUNICATIONS GARY HARREIL 352-337-2052 GRU WASTEWATER /WATER JASON SPARKS 152-191-1642 GRU ELECTRIC 352-334-3400 EXT 6056 GRU GAS HIKE PROWN 152-191-1496 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-II.
- 2. SIGNAL PEDESTAL AND SIGNAL POLE STATIONING AND OFFSETS WAY REQUIRE NUMBER ADJUSTMENTS IN THE FIELD TO ENSURE HORIZONTAL CLEARANCE FROM FACE OF CURB TO CLOSEST SURFACE OF POLE AND WITHIN ROADING RIGHT-OF-WAY AND TO MAINTAIN A 4.0' MINIMUM SIDENALK 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 HEAREST PULL BOXES.
- G. 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 MIN A COLOR CHIP FOR THE PAINTING OF PEDESTRIAN POLES AND WAST ARW 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. HO SPRAY PAINTING SHALL BE ALLOWED.
- 9. INTERCONNECT/FIBER OPTIC CABLE AND SIGNAL CABLE ARE TO BE PLACED IN SEPARATE CONDUITS AND PULL BOXES.
- IO. FINAL SIGNAL POLE PLACEMENT SHALL BE A MINIMUM OF 6' FROM ALL OVERHEAD UTILITIES.
- II. SIGNAL HEADS SHALL BE LOCATED AS SHOWN IN THE PLANS. A MINIMUM OF B' HORIZONTAL SEPARATION BETWEEN SIGNAL HEADS SHALL BE WAINTAINED FOR EACH WOVENERT.
- IE. ALL ASTRO BRACKETS SHALL ARTICULATE AND HAVE BUILT INTO THE HOUSING A 12° (MINIMUM) CONDUCTOR TERMINAL STRIP.
- 13. THE CONTRACTOR SHALL VERIEY STREFT HAVE SKIN WESSAGES PRIOR TO FABRICATION, BLOCK MUMBERS AND/OR ARROWS WAY BE REQUIRED.
- 14. MAXIMUM SIGNAL TIMINGS, PRE-EMPTION TIMINGS AND SYSTEM TIMINGS ARE TO BE PROVIDED BY THE CITY OF GAINESVILLE. CONTACT PHILIP WARN AT THE CITY OF GAINESVILLE TRAFFIC OPS DEPARTMENT, 13521 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 WETER/DISCONNECT FRAME STAND PER DETAIL SHOWN ON THE TRAFFIC SIGNAL DETAILS SHEET, HERBIT OF THE A-FRAME TO BE DETERMINED BASED UPON THE HEIGHT REQUIREMENTS FROM THE POWER COMPANY FOR THE DISCONNECT.
- IG. PAY ITEM NO. 639-1-22 SHALL INCLUDE PAYMENT FOR THE "A" FRAME DISCONNECT DETAILED IN THE PLANS.
- IT. WHERE MULTIPLE COMOUIT RUNS CROSS THE MAINLINE AND/OR SIDE STREET, THE FIRST RUN ACROSS EACH LEG SHALL BE PAID FOR UNDER PAY ITEM 630-1-44. EACH ADDITIONAL RUN SHALL BE PAID FOR UNDER PAY ITEM 630-1-12.
- IN. PAYMENT FOR POWER SERVICE PULL BOXES TO BE INCLUDED UNDER PAY ITEM NO. 635-4-11
- 19. YELLOW FLASHING BEACONS AND RED FLASHING BEACONS WILL BE USED TO CONTROL TRAFFIC ON WAJOR AND WINOR ROADS DURING
- 20. 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.
- 2). PAY ITEM NUMBER 670-5-III SHALL INCLUDE MAZTEC TYPE-VICONTROLLER CABINET W/ETHERNET, NAZTEC TS-2 TYPE-IMEMALCONTROLLER, GENERATOR PLUG, CISCO INDUSTRIAL SWITCH AND LED WAY.
- 22. PAY ITEM NO. 663-74-IISHALL 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 HUMBER. NECESSARY EQUIPMENT SHALL INCLUDE BUT NOT BE LIMITED TO:
 - 3W OPTION PHASE SELECTOR MODEL 754 CHANNELS,
 3W OPTION MODEL 757 AUXILIARY DETECTOR/GREEN SENSE HARNESS,

10/22/2009

8:25:54 PN

3N OPTICON DETECTOR CABLE NODEL 13B (APPROXIMATELY 200 FEET PER RUNI, 3N OPTICON DETECTOR NODELS TIL, T21 OR T22 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.

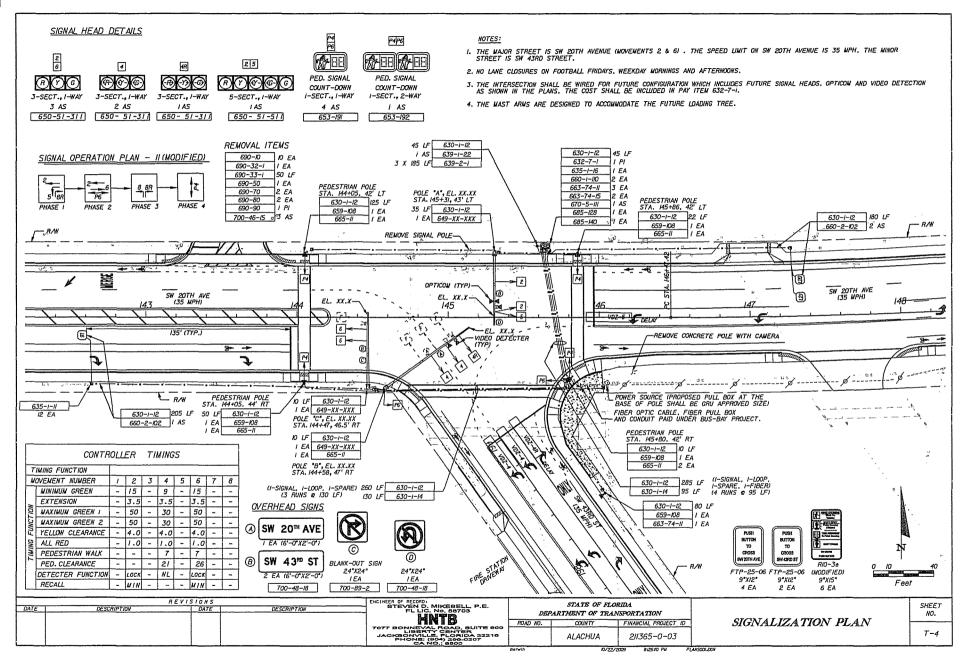
23. PAY ITEM NO. 663-74-15 TO INCLUDE VIDEO DETECTORS FOR ACTUATION, THE NUMBER AND TYPE OF DETECTORS ARE SHOWN ON THE PLANS. THE PAY ITEM IS TO INCLUDE CAMERAS, A VIDEO DETECTION PROCESSOR (VDP) HOUSED IN A DURABLE METAL ENCLOSURE SUITABLE FOR SHELF MOUNTING, A VIDEO WONITOR, A THREE BUTTON MOUSE (POINTING DEVICE) THAT INTERFACES FULLY WITH THE VOP AND A BLACK AND WHITE VIDEO MONITOR AS RECESSARY TO WAKE 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 WAIN 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 ALACHIA 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

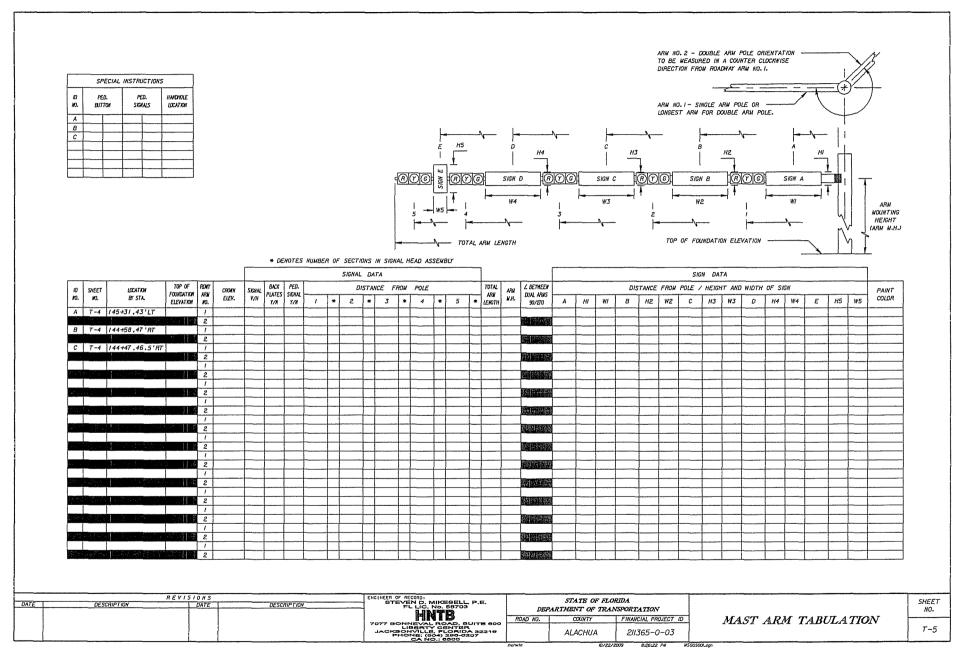
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SHEET NO. T - 3

-		REVISIONS		ENGINEER OF RECORD:	r	STATE OF FLO	nm (
DATE	DESCRIPTION	DATE	DESCRIPTION	STEVEN D. MIKESELL, P.E. FL LIC. No. 58703	DEF	SIATE OF FIX PARTHENT OF TRAI		
				TOTT BONNEYAL ROAD, SUITE SOO	ROAD NO.	COUNTY	FINANCIAL PROJECT ID	GENERAL NOTES
		1		LIBERTY CENTER JACKBONVILLE, FLORIDA 32216 PHONE: (004) 208-0207 CA NO: 8500		ALACHUA	211365-0-03	

merwin





					STAND	ARD MAST	RAPM AS	SEMBLIES	DESIGN	TABLE						
STRUCTURE	ASSEMBLY		FIRST ARM	'		ECOND AR	u	UF		PO:	LE		SPEC	IAL DRILLE	D SHAFT	DATA ⁽⁴⁾
ID NUMBERS	NUMBERS (I)	ARII TYPE	FAA (ft) ^(b)	FBA (InJ ⁽²⁾	ARM TYPE	FAA (ft) ⁽²⁾	FBA (In.) ^(D)	(deg)	POLE TYPE	UAA (ft) ⁽³⁾	VB (ft)	UCA (In)	DA (ft)	DB (ft.)	RA	RB
																<u> </u>
															 	

TABLE NOTES:

(I) Assembly Number Legend

Single Arm:

Arm Type - Pole Type = D# - S#

= E# - T#

= F# - W#

Double Arm:

First Arm Type - Second Arm Type - Pole Type = D# - D# - S#

= E# - E# - T#

= F# - F# - W#

- (2) If an entry appears in columns "FAA" and "FBA", a shorter arm is required. This is obtained by removing length from the arm tip. For these cases the most arm length shall be shortened from "FAA" in "FAA" and the are tip diameter shall be increased from "FB" to "FBA".
- (3) If an entry appears in columns "UAA" and "UCA", a shorter pole is required. This is obtained by removing length from the pole tip. For thace cases the pole height shall be shortened from "UA" to "UAA" and the pole tip diameter shall be increased from "UC" to "UCA".
- (4) The foundations for Standard Most Arm Assemblies are pre-designed and are based upon the following conservative soil criteria which covers the great majority of soil types found in Fiorida. Only complete the "Special Drilled Shaft Data" Information if site conditions diciate drilled shafts in soils with lesser strength properties.

Classification = Cohesionless (Fine Sand)
Friction Angle = 30 Degrees (30°)
Unit Weight = 50 lbs./cu.ft.(assumed saturated)

GENERAL NOTES!

(I) Work this sheet with the Signal Dasigner's "Mast Arm Tabulation". See "Mast Arm Tabulation" for special instructions that include non-standard Handhole location, paint color, terminal compartment requirement and pedestrian Teatures.

(2) Work this sheet with "Design Standards" Index Nos. 17743 & 17745 and with "Pians Preparation Manual" Chapter 24J, Vol-2 and Figure 29.2, Vol-1.

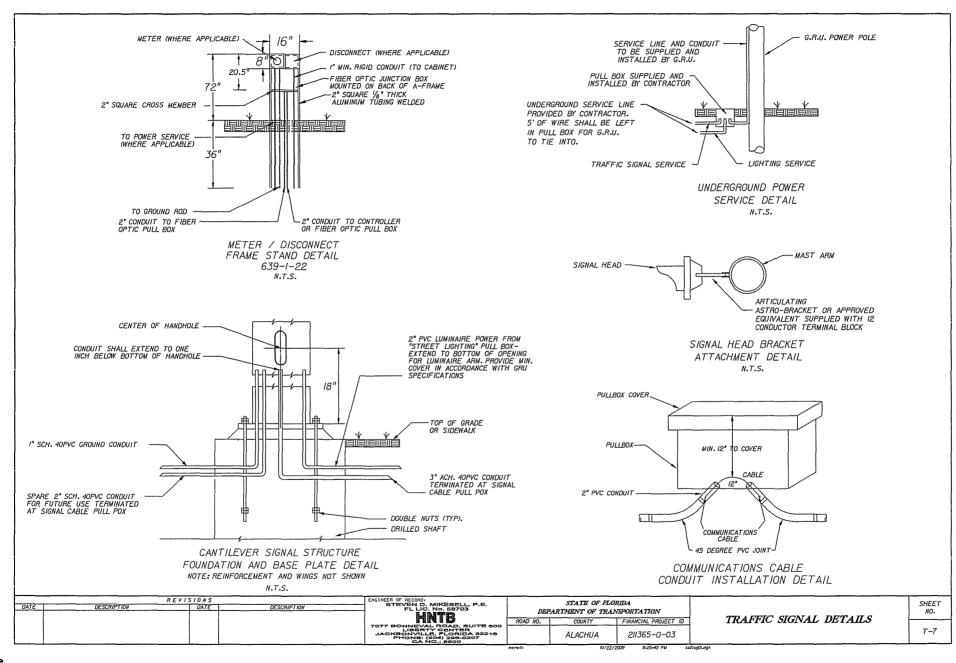
		ENGINEER OF RECORD:		
DATE	DESCRIPTION	DATE	DESCRIPTION	STEVEN D. MIKESELL, P.E.
				HNTB
				7077 BONNEVAL ROAD, SUITE 600 LIBERTY CENTER JACKBONVILLE, FLORIDA 32216 PHONE: (004) 200-0207 CA NO.: 6800

DEPA	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION											
ROAD NO.	COUNTY	FINANCIAL PROJECT ID										
	ΔΙ ΔΟΗΙΙΔ	2//365-0-03										

TABLE OF VARIABLES FOR MAST ARM ASSEMBLIES SHEET NO.

T-6

in 10/22/2009 8:25:29 PW ssdis



		- Carrier Communication Control Contro		
SIGN HAME A STATIONISI QUANTITY I I nano				
WIDTH 6'-0" 2				
HEIGHT 2'-0* 3 BORDER WIDTH 0.75* 4		OVERHEAD STREET NAME	SIGN NOTES:	
PANEL COLOR Green	1	1. SIGH SIZES SHALL BE A MINIMUM OF 24"X72" SHALL BE INCREASED IN 6"INCREMENTS ONLY. UNLESS MESSAGE WILL NOT FIT ON PANEL MI	TO A MAXIMUM OF 24*x96*. THE SIZE OF THE SIGN CONTRACTOR SHALL NOT RECUCE LETTER SPACING ETAL SHAM DE MUMINUM ONE AND MAINING	
LECEND White BORDER White SYMBOLIS) ANGLE X Y WID HT SYMBOLIS ANGLE X Y WID HT		2. SHEETING FOR OVERHEAD STREET HAME SIGN LEGENDS, BORDER AND BACKGROUND.		
3.9" 64.2" 3.	b.	3. AVOID ABBREVIATION. IF ABSOLUTELY NECESSA	ARY, USE THE FOLLOWING: BOULEVARD (BLVD),	
			, PLACE (PL), DRIVE (DR), ROAD (RD), LAKE (LK).	
SER CLEARNES COLUMN SIZE NEARS.		 PLACEMENT: TO THE EXTENT POSSIBLE, PANE OUTSIDE MOST SIGNAL HEAD MAINLINE ONLY (GENERATORS CROSS). 	ELS WILL BE ATTACHED TO THE RIGHT OF THE EXCEPT WHERE TWO STATE ROADS OR TWO MAJOR	
COPY S W Z O T H A Y E L		5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING AGENCY BEFORE FABRICATING TO	OR FIELD VERIFYING THE MESSAGES WITH THE LOCAL HE SKINS, SHOP DRAWINGS WILL BE REQUIRED.	
SPACE 59 61 71 8 7 67 1 81 27 4 75 73 6 39 642		6. OUTSIDE CORNERS OF SIGN FACE TO BE CUT PARALLEL TO EDGE OF SIGN.	CONCENTRIC WITH BORDER, BORDER TO BE MOUNTED	
COPY SPACE		7. SIGN PANEL INSTALLATION TO INCLUDE ALL A	TTACHMENT HARDWARE REQUIRED FOR INSTALLING	
COPY	+++++	OVERHEAD STREET NAME SIGN ON NEW MAST		
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COPY				
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SIGN NAME				
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BRORE White STWOUS) ANGLE X Y WID HT] [8"			
6.4 59.2 6	4 ,			
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COPY				
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REVISIONS	ENGINEER OF RECORD:			
DATE DESCRIPTION DATE DESCRIPTION	STEVEN D. MICESELL P.E. FL.IC. No. 59703	STATE OF FLORIDA DEPARTMENT OF TRANSPORTATION		SHEET NO.
	TOTT BONNEVAL ROAD, BUITE 800	ROAD NO. COUNTY FINANCIAL PROJECT	GUIDESIGN WORKSHEET	-
	TOTT BONNEYAL ROAD, SUITE 600 LIBERTY CENTER JACKSONVILE, FLORIDA 32216 PHONE: (204) 236-0207 CA NO.: 6500	ALACHUA 211365-0-0	3	T-8
				- 1

North Central Florida Regional Planning Counci.

2009 N.W. 67 PLACE, SUITE A, GAINESVILLE, FLORIDA 32653-1603 (352) 955-2200 SUNCOM 625-2200 FAX (352) 955-2209 November 9, 2009

TO:

Metropolitan Transportation Planning Organization (MTPO)

FROM:

Marlie Sanderson, AICP, Director of Transportation Planning

SUBJECT:

SW 62nd Connector Interim Projects 60 Percent Design Plans-

Smart Bus Bay on SW 20th Avenue

MTPO STAFF RECOMMENDATION

Approve the 60 Percent Design Plans.

BACKGROUND

The Smart Bus Bay on SW 20th Avenue project is one of three interim projects resulting from the SW 62nd Connector Project Development and Environmental Study. Alachua County has submitted 60 Percent Design Plans for review. This interim project is being funded using the federal SAFETEA-LU High Priority Funds (also called "earmark funds").

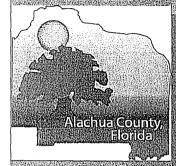
Exhibit 1 includes portions of the Interim Project slideshow. Exhibit 2 includes the 60 percent Design Plan Signing and Pavement Marking Plans and the Signalization Plans. To also review the full set of design plans, refer to the MTPO website:

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

Smart Bus Bay on SW 20th Avenue Project- Programmed Funds Timeline														
2008/2009	2009/2010	2010/2011	2011/2012	2012/2013										
\$5.578 million* (construction)	-	-	-	-										

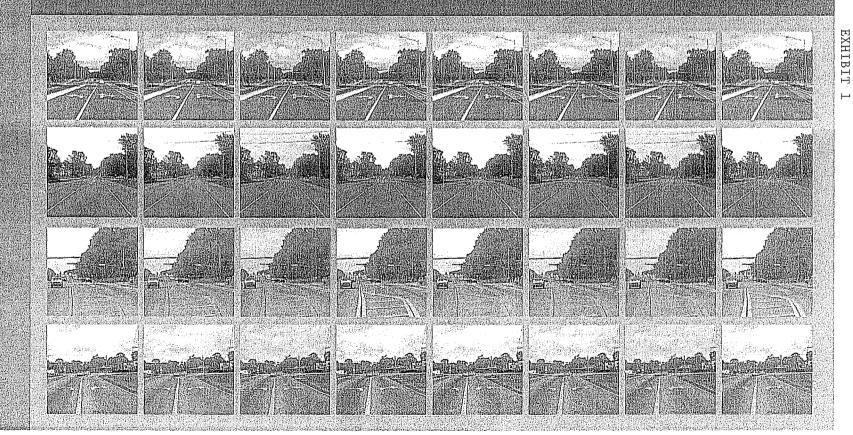
^{*}Funding for all three interim projects

Enclosures



Southwest 62nd Boulevard Connector Interim Projects

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



Purpose/Recommendation

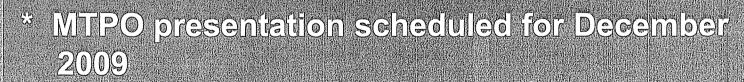


- Recommendation
 - Approve the 60% design plans as proposed and direct staff to proceed with the development of the 90% plans.



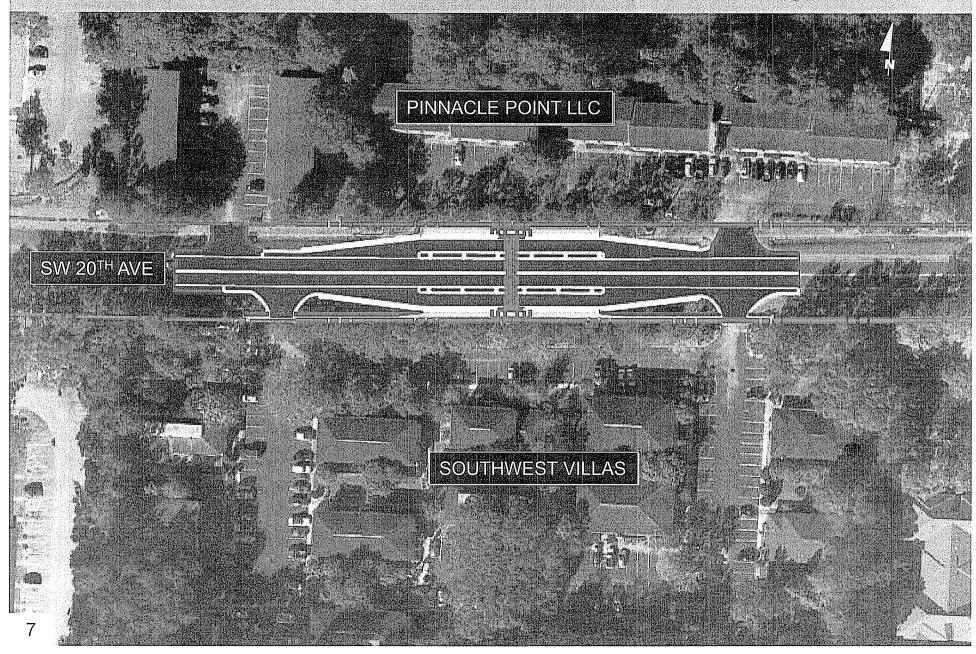
- Interim Projects

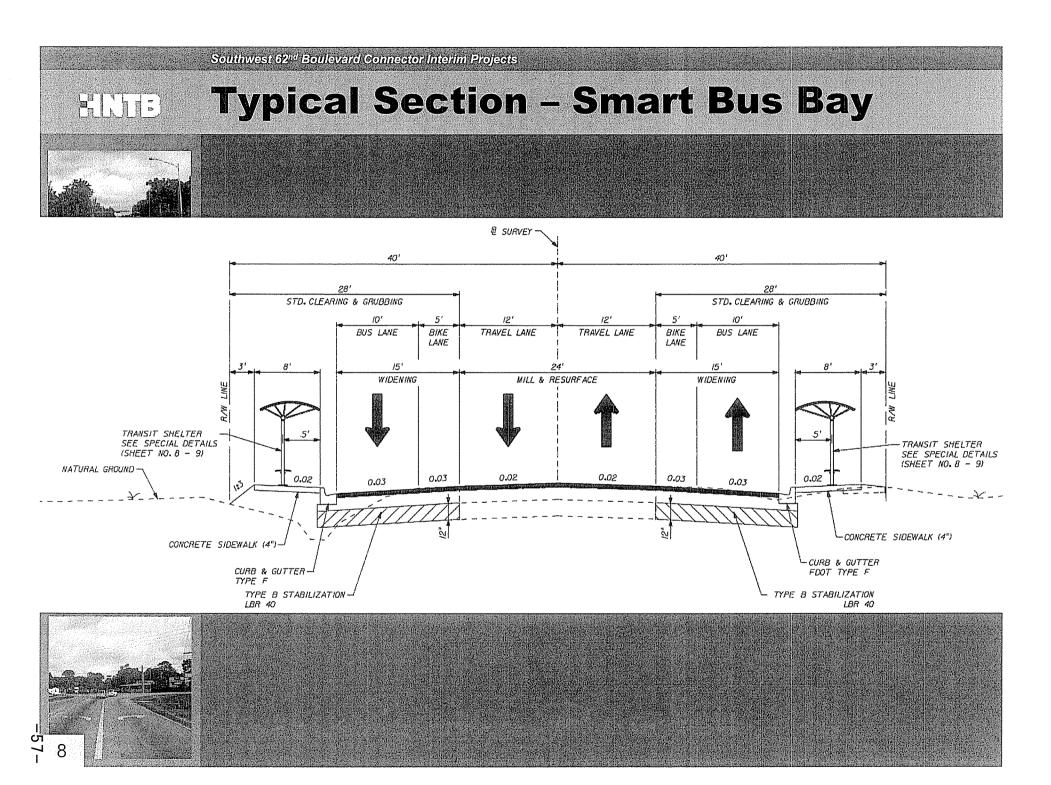
- Southwest 40th Boulevard at Archer Road
- Southwest 20th Boulevard at Southwest 43rd Street
- Smart Bus Bay





HIJE SW 20th Avenue Smart Bus Bay





Purpose/Recommendation



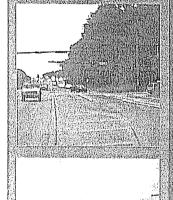


Approve the 60% design plans as proposed and direct staff to proceed with the development of the 90% plans.



Interim Projects

- Southwest 40th Boulevard at Archer Road
- Southwest 20th Boulevard at Southwest 43rd Street
- Smart Bus Bay

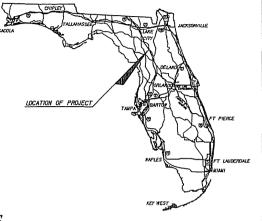


MTPO presentation scheduled for December 2009

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

5-1 5-2 KEY SHEET TABULATION OF QUANTITIES

5-3

GENERAL HOTES SIGNING AND PAVENENT WARKING 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 AMERICED 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) 258-0207
FAX NO. (904) 279-0260

PLANS PREPARED BY:

HNTB

HNTB CORPORATION 7077 BONNEVAL ROAD 5017E 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 WAY HAVE CHANGED DUE TO REPRODUCTION.

PHASE II SUBMITTAL AUGUST 2009

	KEY SH	EET REVISIONS
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08/10/2009

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

P.E. NO. 50096

FISCAL SHEET YEAR NO.

ALACHUA COUNTY PROJECT MANAGER: HA NGUYEN

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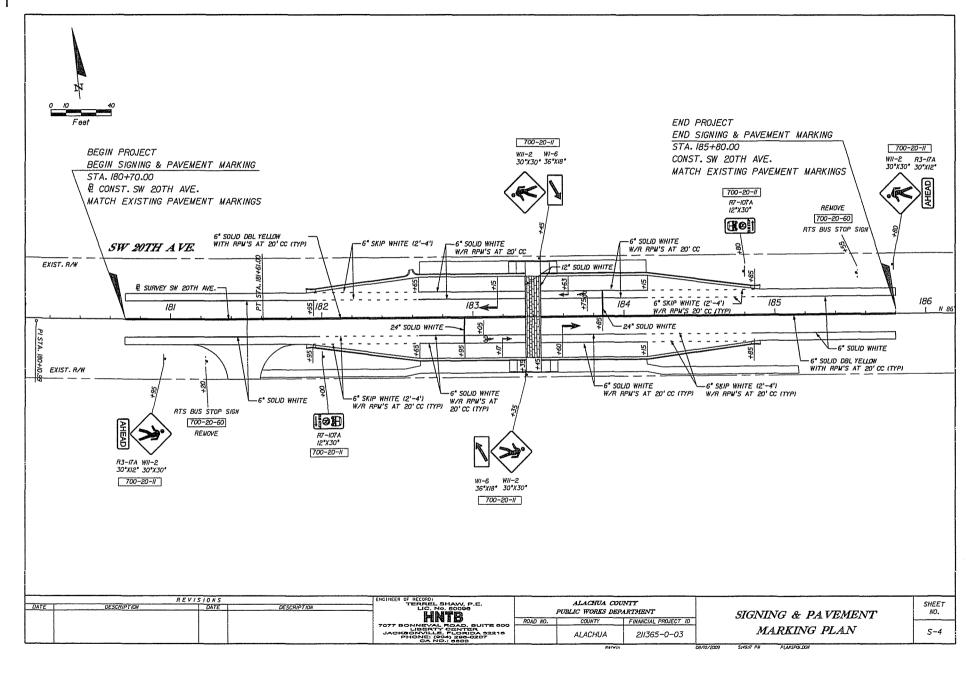
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TABULATION OF QUANTITIES																											
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700-20-11	SINGLE POST SIGN, F&I, LESS THAN 12 SF	AS					ļ																				
700-20-60	SINGLE POST SIGN, REMOVE	A5																									
706-3	RETRO-REFLECTIVE PAVEWENT WARKERS	EA																									
711-11-121	THERMOPLASTIC, STANDARD, WHITE, SOLID, 6"	LF																									
711-11-123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12"	LF																									
711-11-125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24"	L,F																									
711-11-141	THERMOPLASTIC, STANDARD, WHITE, 2'4' SKIP, 6"	LF																									
711-11-160	THERWOPLASTIC, STANDARD, WHITE, WESSAGE	EA																									
711-11-170	THERWOPLASTIC, STANDARD, WHITE, ARROW	EA																									
711-11-221	THERMOPLASTIC, STANDARD, YELLOW, SOLID, 6"	LF																				<u> </u>					
710-90	PAINTED PAVEWENT WARKINGS -FINAL SURFACE	LS																									
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HOTE: PAY ITEM	NO. 710-90, PAINTED PAVENENT WARKINGS, SHALL BE P	LACED	AS PER I	PLAN FOR	TEMPOF								CORRESP	ONDING	THERMO	PLASTIC	PAVENE	VT WARK	NGS.								
DATE	REVISIONS DESCRIPTION DATE	D	ESCRIPTIO	×		ENG	INEER OF	RECORD: ERREL LIC. P	SHAV. 10. 500	, P.E.					THUA C	PARTM										SHEET NO.	
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SIGNING AND PAVEMENT MARKING GENERAL NOTES

- I. 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 TRAFFC 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.
- II. 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 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.

R E V I S 10 N S DESCRIPTION DATE DESCRIPTION	TERREL SHAW, P.E. LIC. NO. 50096	ALACHUA CO PUBLIC WORKS DE	PARTMENT		SHEET NO.
	7077 BONNEVAL ROAD, GUITE GOO LIBERTY CENTER JACKSONVILLE, FLORIDA 32210 PHONE: (904) 288-0207 CA NO.: 6800	ALACHUA	FINANCIAL PROJECT ID 2/1365-0-03	GENERAL NOTES GENERAL NOTES GENERAL NOTES	S-3



ALACHUA COUNTY PUBLIC WORKS DEPARTMENT

CONTRACT PLANS

FINANCIAL PROJECT ID 21/365-0-03
FEDERAL AID PROJECT NO. S124-002R
ALACHUA COUNTY (5/240)
SMART BUS BAY ON
SOUTHWEST 20TH AVENUE

SIGNALIZATION PLANS

DOLA TALAHASSEE DE JACKSONVILLE

LOCATION OF PROJECT

TAMPA D'ANTON

FT PIERCE

MAPLES

MAY WEST

SIGNALIZATION SHOP DRAWINGS TO BE SUBMITTED TO:

STEVEN D. MIKESELL, P.E. HNTB CORPORATION 7077 BONNEVAL ROAD SUITE 800, LIBERTY CENTER JACKSONVILLE, FL 32216 PACKSONVILLE, FL 32216 PAX NO. (904) 279-0260

PLANS PREPARED BY:

HNTB

HNTB CORPORATION
7077 BONNEVAL ROAD
SUITE 600, LIBERTY CENTER
JACKSONVILLE, FL 32218
PHONE NO. (604) 298-0207
FAX NO. (604) 279-0260
CERT. OF AUTH. NO. 8500

NOTE: THE SCALE OF THESE PLANS WAY 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

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

INDEX OF SIGNALIZATION PLANS

SHEET DESCRIPTION

TABULATION OF QUANTITIES

TABLE OF VARIABLES FOR MAST ARM ASSEMBLIES

KEY SHEET

GENERAL NOTES

SIGNALIZATION PLAN

COMMUNICATION PLANS
MAST ARM TABULATION

TRAFFIC SIGNAL DETAILS

GUIDESIGN WORKSHEET

SHEET NO.

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T-2

T-3

T-4

T-7 T-8

7-9

T-10

APPLICABLE DESIGN STANDARDS MODIFICATIONS: TBA For Design Standards modifications citet on: http://www.def.state.if.us/rddesion/

REVISIONS

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13-121-1	SIGNALS- FIBER OPTIC CABLE, F& JUNDERGROUND (SN 1-25)	LF EA															<u> </u>	 			0	+	0	-
15-i-ll 15-i-l5	PULL BOXES, F&I PULL BOXES, F&I, FIBER OPTIC	EA					ļ								-		 		ļ	 	0		0	-
15-1-16	PULL BOXES, F&I, FIBER OFTIC PULL BOXES, F&I, SPECIAL	EA			ļ										 		ļ				0		0	-
19-1-12 19-1-22	SIGNALS- ELECTRICAL POWER SERVICE (UNDERGROUND)	AS			ļ	 			-					 	ļ		 	 	 	 	0	 	0	-
19-2-1	SIGNALS- ELECTRICAL FOWER SERVICE WIRE	LF	-					 	-					 							0	\vdash	0	
19-XX-XXX	NAST ARM ASSEMBLY (XI, XI) WO/ LUM	EA				 		 	 					 				 	l		0	1	a	<u> </u>
50-51-311	TRAFFIC SIGNAL (3-SECTION, I-WAY) (LEDXSTD)	AS			 	-			 						-						0	+	0	
53- <i>1</i> 91	PEDESTRIAN SIGNALS (LED) (I-WAY COUNT DOWN)	AS			l										 			 			0	_	0	_
59-108	SIGNAL HEAD AUXILIARIES, F&, STEEL PEDESTAL	EA							l —					l							0		0	\vdash
50- <i>i-11</i> 0	LOOP DETECTOR, INDUCTIVE, F&, TYPE IO	EA							l					 	1			t		-	0		0	
50-2-102	LOOP ASSEMBLY, FW, TYPE B -6'X6'	AS				 	 								 	·		 			0	1	a	
63-74-11	VEHICLE DETECTOR ASSMEBUES, F&I, OPTICAL	EA				T	l											 		-	0	T	0	
65-11	PEDESTRIAN DETECTOR. F&	EA			l	T								T T							0		0	
70-5-111	TRAFFIC CONTROLLER ASSENBLY INAZTEC, TS-2, TYPE 1, MODEL 980)	AS																			0		0	
70-5-411	TRAFFIC CONTROLLER ASSENBLY (MODIFY)	AS																			0		0	
00- 4 8-18	SIGN PANEL, INSTALL (15 or LESS SQ FT)	EA																			0		0	
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GENERAL NOTES:

- 1. THE CONTRACTOR SHALL NOTIFY THE CITY OF GAINESVILLE TRAFFIC OPERATION DEPARTMENT WR. TRAVIS LAW AT (358) 334-2155,
 AT LEAST 24 HOURS IN ADVANCE OF SETUP OF VIDEO DETECTION ZONES SO HE WAY OBSERVE THEIR INSTALLATION IF HE SO DESIRES.
- 2. IT SHOULD BE MOTED HO 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 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 PRICE TO ANY BORES AT THE DIRECTION OF THE ENGINEER. THIS SHOULD BE PERFORMED BY VACUUM EXCANATION OR COMPARABLE NON DESTRUCTIVE EQUIPMENT, ALL RIGHT-OF-WAY SHALL BE RESTORED TO THE CONDITION WHICH EXISTED PRICE 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.
- 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 WAN BUCKET TRUCK AND ASSIST THE FOOT 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-FRANES", CONTROLLER CABINETS, SIGNAL POLES AND PEDESTRIAN POLES SHALL BE REPLACED REPLACEMENT SHALL BE TO THE HEAREST EXPANSION JOINT.
- IO. 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.
- II. ALL CONDUIT SHALL BE 2" WINIMUM 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.
- IJ. 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 MON-NETALLIC.
- KS. AS DIRECTED BY THE PROJECT EMBINEER, THE CONTRACTOR SHALL ADJUST CONDUIT & PULL BOXES HORIZONTALLY AND/OR VERTICALLY IN ORDER TO AVOID ANY POSSIBLE CONFLICTS WITH UNDERGROUND UTILITIES.
- IT. 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 SURMITTAL'S REQUIRED FOR THIS PROJECT.
- IB. ALL SIGNAL EQUIPMENT THAT IS REMOVED SHALL BECOVE 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 WAST ARMS AND WAST ARM FOUNDATIONS. THE CONTRACTOR SHALL COORDINATE THIS EFFORT WITH THE UTILITY COMPANIES AND/OR THE LOCAL WAINTAINING AGENCY, PAYMENT TO BE INCLIDED IN THE ASSOCIATED WAST ARM PAY ITEM NUMBER.
- 20. ALL PEDESTRIAN SIGNAL INDICATIONS SHALL BE COUNT-DOWN PEDESTRIAN SIGNAL INDICATIONS AND ALL PEDESTRIAN SIGNAL SHALL HAVE INTERNATIONAL
- 2). WHEN JACKING CONDUIT UNDER PAYEVENT 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.
- 22. WHEN THE CONTRACTOR IS REWOVING EXISTING TWISTED PAIR CABLE AND/OR RUNNING NEW FIBER OFTIC CABLE THE CONTRACTOR SHALL TAKE EVERY PRECAUTION SO NOT TO DAMAGE ANY EXISTING FIBER OFTIC CABLE STILL IN SERVICE, DAMAGED FIBER OFTIC CABLE SHALL. BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- 23. AN EXCAVATION EXCEEDING IS 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 COURSENT AND THE REMOVED OF MEN SIGNALS WHERE A LAVE IS TO BE CLOSED, AN OFF-DUTY LAW ENFORCEMENT OFFERS SMALL DIRECT TRAFFEC. THE NUMBER AND OFF PAR FOR AN OFF-DUTY LAW CHROPOCEMENT OFFERS SMALL DIRECT TRAFFEC. THE NUMBER AS OF PAR FOR AN OFF-DUTY LAW FORCEMENT OFFERS CAN BE OBTAINED FROM THE OFFICE OF THE LAW ENFORCEMENT OFFICER. THIS COST SHALL BE INCLUDED IN PAY ITEM 102-11MOT).
- 25. WAINTAINENCE OF TRAFFIC SHALL CONFORM TO FOOT DESIGN STANDARDS.
- 26. THE CONTRACTOR SHALL HOTIFY THE SUNSHINE STATE ONE CALL AT 1-800-432-4770 AND THE APPROPRIATE UTILITY COMPANIES USTED 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 FIFCTRIC COX COMMUNICATIONS GRU WASTEWATER /WATER GRU ELECTRIC GRU GAS

AT&T

STEVE LAW GARY HARRELL JASON SPARKS WALLY SEALEY NIKE BROWN EVERETT SPARKS

152-117-AUS 352-337-2052 \$50-191-K40 352-334-3400 EXT 6056 352-393-1466 352-331-9147

SPECIAL NOTES:

- L. THE COST OF FURNISHING AND INSTALLING THE FTP-25-06 AND RID-3% (INTERNATIONAL) SKINS SHALL RE INCLUDED.
- 2. SGMAL PEDESTAL AMD SIGNAL POLE STATIONING AMD OFFSETS MAY REQUIRE WINOR ADJUSTMENTS IN THE FIELD TO ENSURE HORIZONTAL CLEARANCE FROM FACE OF CURB TO CLOSEST SURFACE OF POLE AND WITHIN RODOWN RIGHTI—OFMAY MID TO MAINTHAN A 1-0' MINIMUM SIDEWALK WIDTH, ANY RELOCATED POLES SHALL BE FUNCED TO PROMOTE THE MAXIMUM SIDEMAIN CLEARANCE POSSIBLE WITHIN RODOWNER RENT—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.
- G. 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 PEOESTRIAN POLES AND WAST ARW POLES. THE BRAND OF PAINT SHALL BE DETERMINED BY THE POLE WANDFACTURER. 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, HO SPRAY PAINTING SHALL BE ALLOWED.
- 9. INTERCONNECT/FIBER OPTIC CABLE AND SIGNAL CABLE ARE TO BE PLACED IN SEPARATE CONDUITS AND PULL BOXES.
- IO. FIBER OPTIC CABLE SHALL BE MINIMUM 24 SINGLE MODE LOOSE TUBE, DRY BLOCK, DIELECTRIC HYBRID PE CABLE AND WILL INCLUDE A 14 ANG, SINGLE CONDUCTOR WIRE PULLED IN THE SAME CONDUIT AS THE FIBER OPTIC CABLE FOR LOCATING.
- II. 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" (WINIMUM) COMDUCTOR TERMINAL STRIP, PELCO MODEL #ABOIZ OR APPROVED EQUINALENT.
- 14. THE CONTRACTOR SHALL VERIFY STREET NAME SIGN WESSAGES PRIOR TO FABRICATION. BLOCK MUKBERS AND/OR ARROWS WAY BE REQUIRED.
- IS. WAXIMUM SIGNAL TIMINGS, PRE-EMPTION TIMINGS AND SYSTEM TIMINGS ARE TO BE PROVIDED BY THE CITY OF GAINESVILLE ACT PHILIP WANN AT THE CITY OF GAINESVILLE TRAFFIC OPERATION DEPARTMENT, 3520 334-5074, FOR THE REQUIRED INFORMATION.
- IS. IN ADDITION TO THE REQUIREMENTS SET FORTH IN THE FOOT SPECIFICATIONS, ELECTRICAL POWER SERVICE IS TO INCLUDE CONSTRUCTING METER/DISCONNECT FRAME STAND PER DETAIL SHOWN ON THE TRAFFIC SIGNAL DETAILS SHEET. HERSHT OF THE A-FRAME TO BE DETERMINED BASED UPON THE HEIGHT REQUIREMENTS FROM THE POWER COMPANY FOR THE DISCONNECT.
- IT. PAY ITEM NO. 639-1-22 SHALL INCLUDE PAYMENT FOR THE "A" FRAME DISCONNECT CETAILED IN THE
- 18, WHERE WULTIPLE CONDUIT RUNS CROSS THE WAINLINE 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.
- IS. PAYMENT FOR POWER SERVICE PULL BOXES TO BE INCLUDED UNDER PAY ITEM NO. 635-4-11.
- 20. YELLOW FLASHING BEACONS AND RED FLASHING BEACONS WILL BE USED TO CONTROL TRAFFIC ON WAJOR AND WINOR ROADS DURING
- 21. THE CONTRACTOR SHALL ADJUST, AS DIRECTED BY THE ENGINEER, THE LOCATIONS OF THE POLES, CONDUITS, PULL BOXES, ETC.
- 22. PAY ITEM NUMBER 670-5-III SHALL INCLUDE HAZTEC TYPE-VI CONTROLLER CABINET W/ETHERNET, NAZTEC TS-2 TYPE-I (NEWA) CONTROLLER. GENERATOR PLUG, CISCO INDUSTRIAL SWITCH AND LED WWW.
- 23. PAY ITEM NO. 663-74-II SHALL INCLUIDE AN URBAN AREA PREFUPTION SYSTEM. THIS SYSTEM SHALL BE FULLY COMPATIBLE WITH THE EXISTING CITY OF CANESYILE PRESENTION SYSTEM (SW OPTION). ALL NECESSARY EQUIPMENT SHALL BE PAID FOR UNDER THIS BIO ITEM NUMBER, NECESSARY EQUIPMENT SHALL MICLIDE BUT NOT BE LIMITED TO: TH DETICON PHASE SELECTOR MODEL TS4 CHANNELS.

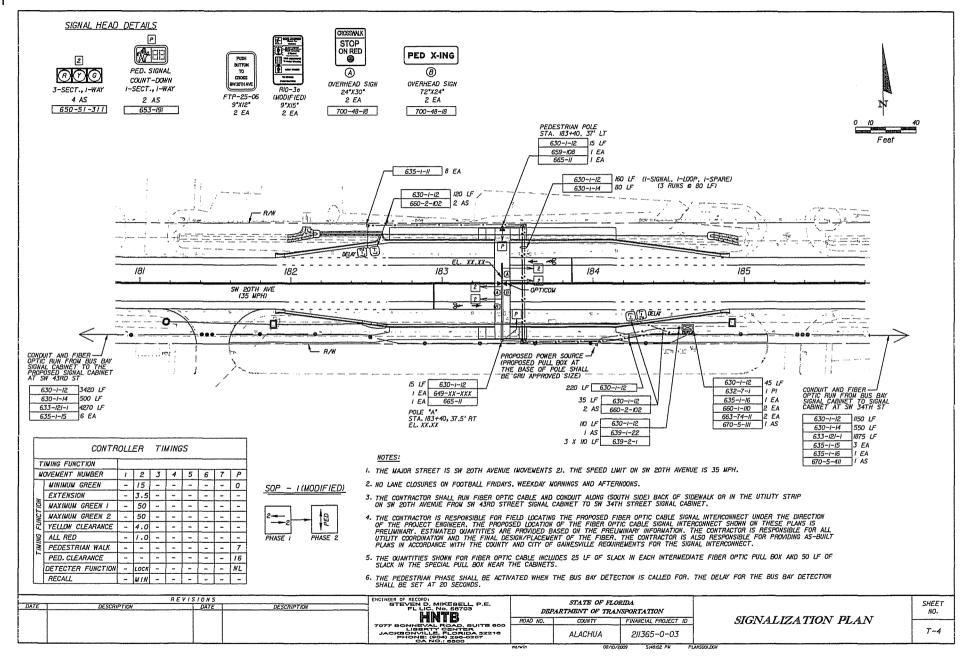
 - SI OFTICON PRISE SECELUM ROCELTS UTMINELS, SI OFTICON MOCELTS AUXILIAR DETECTORAREEM SENSE HARNESS, SI OFTICON DETECTOR CABLE MODEL 138 (PROCNIMATELY 200 FEET PER RUN), SI OFTICON DETECTOR MODELS 711,72 OR 722 DEPENDING ON INTERSECTION LAYOUT.
- THE CONTRACTOR SHALL SEEK FINAL DETECTOR PLACEMENT APPROVAL FROM THE CITY OF GAINESYILLE TRAFFIC OPERATIONS SECTION BEFORE BIDDING AND INSTALLATION. CITY OF GAINESYILLE TRAFFIC OPERATIONS CAN BE CONTACTED AT (352) 334-2155.

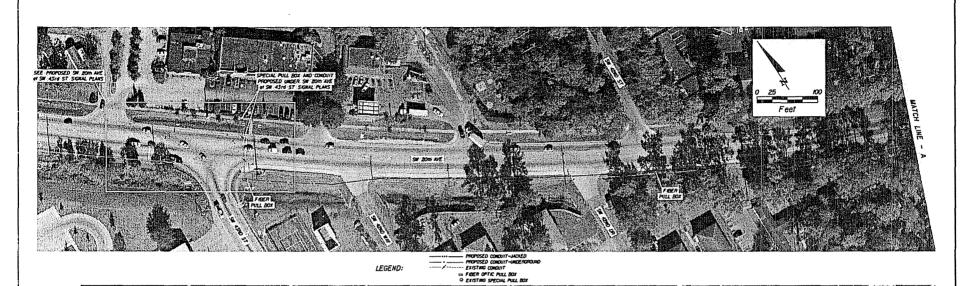
DATE	R E DESCRIPTION	VISIONS DATE	DESCRIPTION	ENCINEER OF RECORDS STEVEN D. MIKESELL, P.E. FL LIC. No. 58703		STATE OF FLO. PARTMENT OF TRAN	SPORTATION		SHEET NO.	
				7077 BONNEVAL ROAD, GUITE 600 LIBERTY CENTER JACKSONVILLE, FLORIDA 52216 PHONE: (004) 266-0207 CA NO.: 6500	ROAD NO.	ALACHUA	211365-0-03	GENERAL NOTES	T-3	
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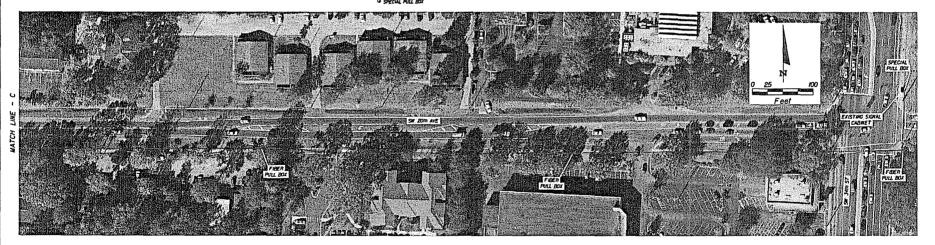




NOTE: ALL COMMUNICATION QUANTITIES ARE INCLUDED IN SHEET T-4. THE CONTRACTOR IS RESPONSIBLE FOR FIELD LOCATING THE PROPOSED FIBER OPTIC CABLE SIGNAL INTERCONNECT UNDER THE DIRECTION OF THE PROJECT ENGINEER. THE
PROPOSED LOCATION OF THE FIBER OPTIC CABLE SIGNAL INTERCONNECT SHOWN ON THESE PLANS IS PRELIMINARY. 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.

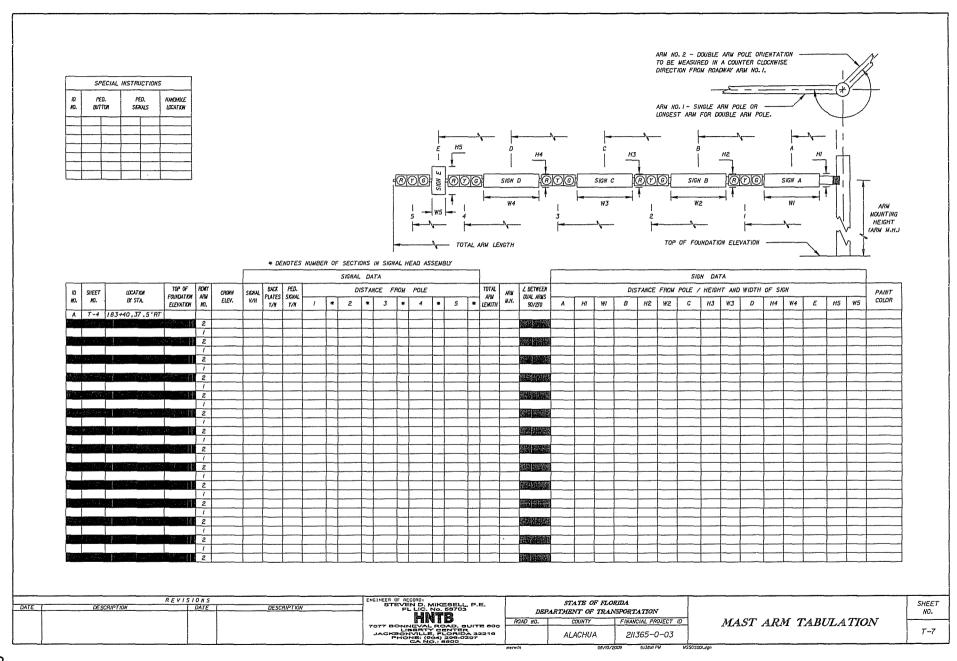
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				7077 BONNEYAL ROAD, SUITE 600 LIBERTY CENTER JACKSONVILLE, FLORIDA 32216 PHONE: (PO4) 296-0207 CA NO.: 6500	ROAD KO.	ALACHUA	211365-0-03	COMMUNICATION PLAN	T-5
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DATE	REVISIONS DESCRIPTION DATE	DESCRIPTION	ENCINEER OF RECORDS STEVEN D. MIKESELL, P.E. FL LIC, No. 58703	DEF	STATE OF FLOI PARTMENT OF TRAN			SHEET NO.
			7077 BONNEYAL ROAD, SUITE 600 LIBERTY CENTER JACKSONVILLE, FLORIDA 32216	ROAD NO.	COUNTY ALACHUA	FINANCIAL PROJECT ID	COMMUNICATION PLAN	T-6
<u> </u>	<u> </u>	<u> </u>	PHONE: (904) 206-0207 CA NO.: 6500	EUSFRE	#/ATF#		F. 11.5.4	



					STANDA	ARD MAST	ARM AS	SEMBLIES	DESIGN	TABLE						
STRUCTURE	ASSENBLY		FIRST ARM	1	S	ECOND ARI	ч	UF		PO	LE		SPEC	IAL DRILLE	D SHAFT	DATA ⁽⁴⁾
ID NUMBERS	NUMBERS (I)	AR U TYPE	FAA (ft J ^(E)	FBA (InJ ⁽²⁾	ARM TYPE	FAA (ftJ ^(b)	FBA (InJ ⁽²⁾	(deg)	POLE TYPE	UAA (ft) ⁽³⁾	UB (ft)	(InJ ⁽³⁾	DA (ft)	Ctt) BO	RA	RB
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TABLE NOTES:

(I) Assembly Number Legend

Single Arm:

Arm Type ~ Pole Type = D# - S#

= E# - T#

= F# - W#

Double Arm: First Arm Type - Second Arm Type - Pole Type = D# - D# - S# - F#
(2) If an entry appears in columns "FAA" and "FBA", a shorter arm is required. This is obtained by removing length from the arm tip. For these cases the most arm length shall be shortened from "FA" to "FAA" and the are tip diameter shall be increased from "FB" to "FBA".

(3) If an entry appears in columns "UAA" and "UCA", a shorter pole is required. This is obtained by removing length from the pole tip. For these cases the pole height shall be shortened from "UAA" as "UAA" and the pole tip diameter shall be increased from "UC" to "UCA".

(4) The foundations for Standard Mast Arm Assemblies are pre-designed and are based upon the following conservative soil criteria which covers the great majority of soil types found in Florida. Only compete the "Special Drilled Shaft Data" Information if site conditions diclate drilled shafts in soils with lesser strength properties.

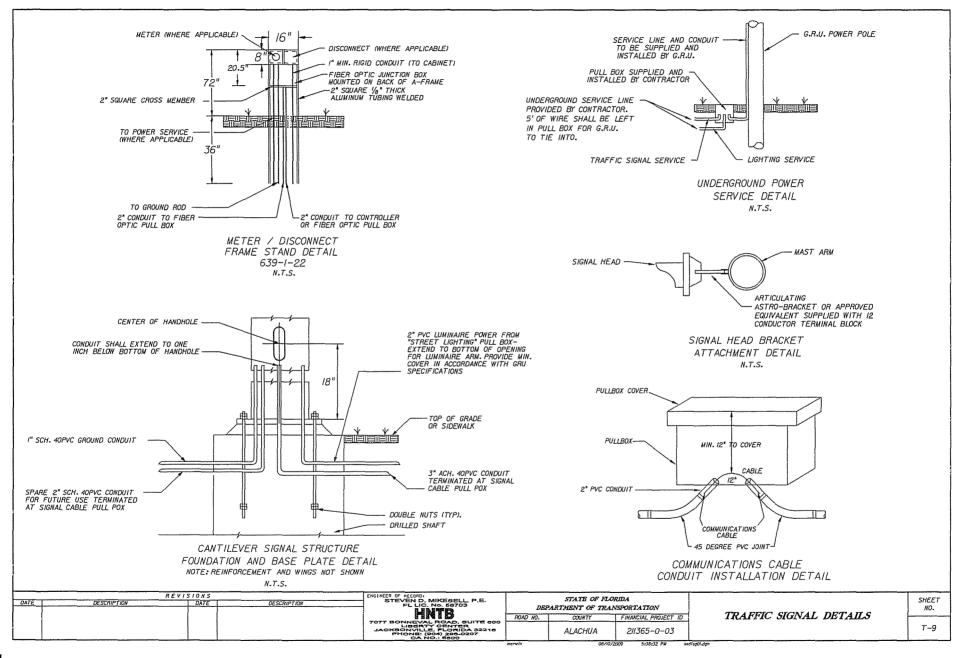
Classification = Cohesionless (Fine Sand)
Friction Angle = 30 Degrees (30°)
Unit Weight = 50 Ibs./cu.ft.(assumed saturated)

GENERAL NOTES:

(UWork this sheet with the Signal Designer's "Mast Arm Tabulation". See "Mast Arm Tabulation" for special instructions that include non-standard Handhole location, paint color, terminal compartment requirement and pedestrian Teatures.

(2) Work this sheet with "Design Standards" index Nos. 17743 & 17745 and with "Plans Preparation Manual" Chapter 24.7, Vol-2 and Figure 29.2, Vol-i.

	R E	VISIONS		BTEVEN D. MIKEBELL, P.E.	_	STATE OF FLO	RMA		SHEET
DATE	DESCRIPTION	DATE	DESCRIPTION	FL LIC, No. 58703	DEF	ARTMENT OF TRA	NSPORTATION	TABLE OF VARIABLES	NO.
i				HNTB	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
				7077 BONNEYAL ROAD, SUITE 600 LIBERTY CENTER JACKBONVILLE, FLORIDA 32216 PHONE: (904) 296-0207 CA NO.: 6500		ALACHUA	2//365-0-03	FOR MAST ARM ASSEMBLIES	T-8



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DER White BOUS) ANGLE	0	WID HT				9	PER	D X-11	NG]	8*ЕМ 8*				2. SHEET		D STREET NAME		BE TYPE III RETRO-REFLECTIVE FOR		
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														4. PLACE	WENT: TO THE EXT	TENT POSSIBLE.	PANELS WILL BE	E ATTACHED TO THE RIGHT OF THE		
HER EUCE OF LINE	COLLIUN SIZE	AVERAGE LEMGTH												GENEF	ATORS CROSS).			HERE TWO STATE ROADS OR TWO MAJOR		
PY P	E D		- 1	N G	TT	ı	TT		Т	Т	ТТ			5. THE C	CONTRACTOR SHALL AINING AGENCY BEF	. BE RESPONSIBI FORE FABRICATII	LE FOR FIELD V NG THE SIGNS. S	VERIFYING THE MESSAGES WITH THE LOCAL SHOP DRAWINGS WILL BE REQUIRED.		
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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

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

- 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.

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WORKING DRAFT MTPO DESIGN TEAM STATUS REPORT

		CONSTRUCTION STATUS		DI	ESIGN REVI	EW
ASSIGNMENT	FIN Number	YEAR (PE YEAR)	CURRENT STATUS	SCOPE	30%	60%
		CONST	RUCTION PROJECTS			
Archer Road/SW 16 th Avenue	-	2009/2010	Corridor/Intersection modifications	08/09		
NE 19 th Street/NE 19 th Terrace	4204511	2008/2009	Reconstruction of road from NE 3 rd Avenue to NE 8 th Avenue. SAFETEA-LU Project.			
SW 62 nd Boulevard	2113653	(2007/2008)	PD&E of 4 corridor alignment alternatives SAFETEA-LU Interim Projects	10/08	05/09	11/09
		ENHAN	CEMENT PROJECTS			
Archer Road / SR 24 Archer to I-75	2078374	2011/2012 (CST)	Bike Path/Trail-		-	
NW 34 th Street SR 222 to US 441	4262081	2008/2009	Sidewalk			
SW 8 th Avenue Tower Road to SW 67 th Terrace	2110911	2008/2009	Sidewalk		200	
Old Gainesville Depot	4046281	2001/2002	Local agency program (City) - waiting for project to develop		-	
W 6 th Street Rail-Trail	2113632	2011/2012	Bike path- Local agency program (City) - Phase 1	10/08	-	01/09
			Bike path- Local agency program (City) - Phase 2			
		INTERSECTI	ON / SAFETY / PROJECTS		470	
-	-	-		-	-	-

^{*}Shaded projects are the projects that are new to this list.

MTPO DESIGN TEAM MEMBERSHIP

NAME	AGENCY
PERMANI	ENT MEMBERS
Ha Nguyen; R. Hedrick, M. Fay, & D. Cerlanek (Alts)	Alachua County Public Works Department
Kathy Fanning	Alachua County Department of Environmental
Jonathan Paul	Alachua County Department of Growth Management
Julia Reiskind; John Richter (Alt)	Bicycle/Pedestrian Advisory Board
Linda Dixon	University of Florida Facilities Planning & Construction
Gary Weed; Greg Sholar (Alt)	Citizens Advisory Committee
Meg Niederhofer	City of Gainesville Arborist
Vacant; Vacant (Alt)	City of Gainesville Beautification Board
Susan Bridges Niemann; Dean Mimms designee (Alt)	City of Gainesville Community Development
David Kvaltine	City of Gainesville Gainesville Regional Utilities
Emery Swearingen, Chair	City of Gainesville Public Works Department
Jesus Gomez; Doug Robinson (Alt)	City of Gainesville Regional Transit System
Karen Taulbee	Florida Department of Transportation
PROJEC	T MEMBERS
Vacant (SR 26/26A Project Member)	Citizen Advocate
(appropriate FDOT project member)	Florida Department of Transportation
SPECIAL MAII	LINGS (agendas only)
Anthony Lyons (Main Street)	City of Gainesville Community Redevelopment Agency
Cindy Robinson / Linda M°Gurn (Main Street)	Gainesville Downtown Owners & Tenants
Sharon Bachner (Main Street)	Matheson Society Inc. / Alachua County Historic Trust
Arnall Downs	-
Commissioner Byerly	-

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