COMPONENTS OF CONTRACT PLANS SET

ROADWAY PLANS

A DETAILED INDEX APPEARS ON THE KEY SHEET OF EACH COMPONENT

INDEX OF ROADWAY PLANS

SHEET NO. SHEET DESCRIPTION

I KEY SHEET

2 TYPICAL SECTION

3 GENERAL NOTES

4 ROADWAY PLAN-PROFILE

5 - 8 CROSS SECTIONS

9 - II TRAFFIC CONTROL PLAN

12 UTILITY ADJUSTMENT SHEET

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.

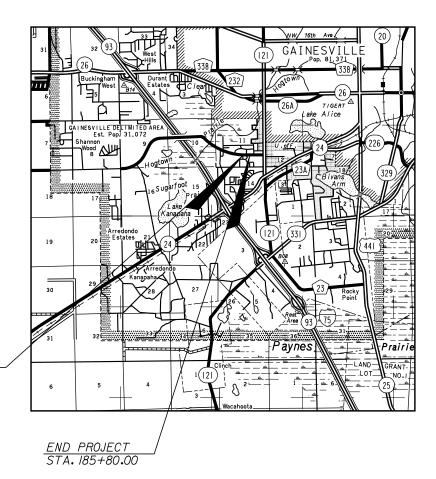
APPLICABLE DESIGN STANDARDS MODIFICATIONS: TBA
For Design Standards modifications click on:
https://www.dot.state.fl.us/rddesign/

REVISIONS

ALACHUA COUNTY PUBLIC WORKS DEPARTMENT

CONTRACT PLANS

FINANCIAL PROJECT ID 21/365-0-03
FEDERAL AID PROJECT NO. SI24-002R
ALACHUA COUNTY (5/240)
SMART BUS BAY ON
SOUTHWEST 20TH AVENUE

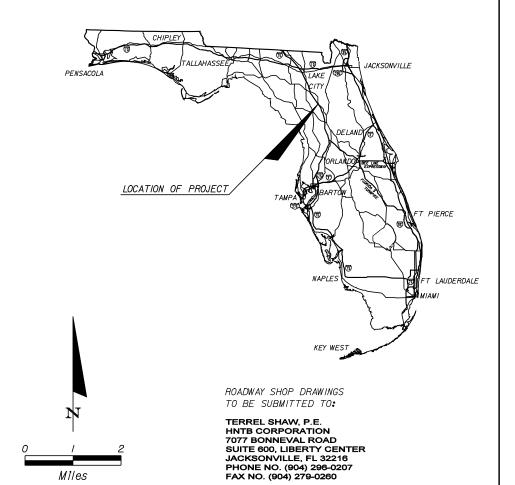


PROJECT LENGTH IS BASED ON & OF CONSTRUCTION

LENGTH (OF PROJE	CT
	LINEAR FEET	MILES
ROADWAY	520	0.10
BRIDGES		
NET LENGTH OF PROJECT	520	0.10
EXCEPTIONS		
GROSS LENGTH OF PROJECT	520	0.10

FDOT PROJECT MANAGER:

BEGIN PROJECT STA. 180+60.00



PLANS PREPARED BY:

HNTB

HNTB CORPORATION 7077 BONNEVAL ROAD SUITE 600, LIBERTY CENTER JACKSONVILLE, FL 32216 PHONE NO. (904) 298-0207 FAX NO. (904) 279-0260 CERT. OF AUTH. NO. 6500

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

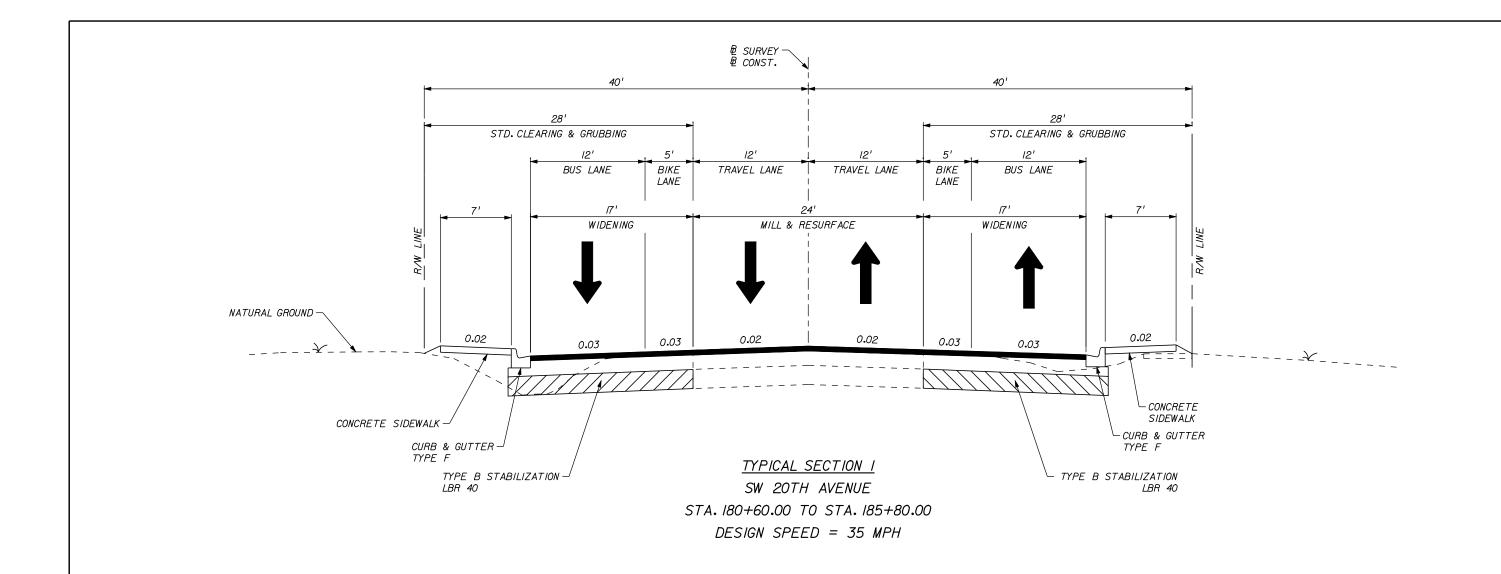
PHASE I SUBMITTAL APRIL 2009

KEY SHEET REVISIONS					
DATE	BY	DESCRIPTION			

ROADWAY PLANS ENGINEER OF RECORD:	TERREL SHAW, P.E.
P.E. NO.\$	50096

FISCAL SHEET NO.

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MILL EXISTING ASPHALT PAVEMENT (1.00" AVG. DEPTH)

RESURFACING

FRICTION COURSE FC-12.5 (2.00")

TRAFFIC DATA

CURRENT YEAR = 2008 AADT = 26,700ESTIMATED OPENING YEAR = 2010 AADT = 27,800ESTIMATED DESIGN YEAR = 2035 AADT = 41,300 K = 9.5%, D = 60%, T = 2% (24 HOUR) DESIGN HOUR T = 1%

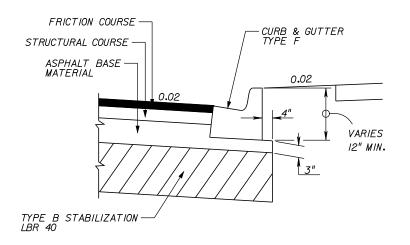
DESIGN SPEED = 35 MPH

WIDENING

BLACK BASE ONLY (6.00") WITH

TYPE SP-12.5 STRUCTURAL COURSE (2.00")

AND FRICTION COURSE FC-12.5 (1.50")



DETAIL OF ASPHALT BASE CURB PAD

SHEET NO.

2

	REVI	SIONS		ENGINEER OF RECORD: TERREL SHAW, P.E.		ALACHUA CO	UNTY	
DATE	DESCRIPTION	DATE	DESCRIPTION	LIC. No. 50096				
				HNTB		PUBLIC WORKS DE	PARIMENI	
					ROAD NO.	COUNTY	FINANCIAL PROJECT ID	TYPICAL SECTION
				7077 BONNEVAL ROAD, SUITE 600 LIBERTY CENTER				
				JACKSONVILLE, FLORIDA 32216 PHONE: (904) 296-0207		ALACHUA	211365-0-03	
				F11010E. (50-) 250-0207				

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GENERAL NOTES

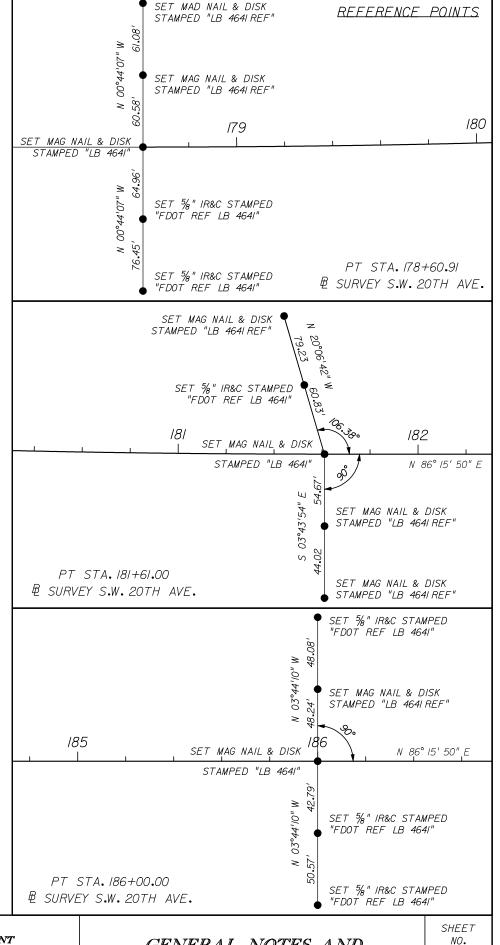
- I. BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
- 2. ACCESS TO PRIVATE PROPERTY AND SIDE STREETS SHALL BE MAINTAINED AT ALL TIMES.
- 3. EXISTING DRAINAGE STRUCTURES WITHIN CONSTRUCTION LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED.
- 4. SPECIAL ATTENTION IS DIRECTED TO THE FACT THAT PORTIONS OF SOME DRAINAGE STRUCTURES EXTEND INTO THE STABILIZED PORTION OF THE ROADBED AND EXTREME CAUTION WILL BE NECESSARY IN STABILIZATION OPERATIONS AT THESE LOCATIONS.
- 5. ANY PUBLIC LAND CORNER OR BENCH MARK WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE ENGINEER SHOULD NOTIFY THE COUNTY SURVEYOR, WITHOUT DELAY, BY TELEPHONE AT (352) 374-5245.
- 6. EXISTING DRIVEWAYS WITHIN THE LIMITS OF THIS PROJECT ARE TO BE REPLACED AT THE SAME LOCATION AND WIDTH, UNLESS OTHERWISE SHOWN IN THE PLANS.
- 7. ANY ABBREVIATIONS USED IN THE PLANS, THAT ARE NOT IN INDEX 002 OF THE DESIGN STANDARDS, SHALL BE DEFINED HERE AS PART OF THE GENERAL NOTES.
- 8. THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS (INCLUDING THOSE DESIGNATED VV, VH AND VVH) ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN, INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.
- 9. EXISTING UTILITIES ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED.
- 10. THE CONTRACTOR SHALL NOTIFY UTILITY OWNERS THROUGH SUNSHINE ONE CALL OF FLORIDA, INC. (1-800-432-4770) AND UTILITY OWNERS LISTED BELOW 48 HOURS IN ADVANCE OF BEGINNING CONSTRUCTION ON THE JOB SITE.

UTILITY OWNERS:

COMPANY AT&T/BELLSOUTH (FLORIDA) AT&T/BELLSOUTH (LONG DISTANCE) GRU WATER/WASTEWATER GRU ELECTRIC GRU COMMUNICATIONS TRAFFIC OPERATIONS TRAFFIC OPERATIONS	CONTACT ANNALISA HORDEMANN BOB WADLEY DEBBIE DOCKERTY TONY HOLSTEIN TOM LAWYER TRAVIS LAW CHRIS DOLAN	TELEPHONE (352) 371-5276 (352) 331-9294 (352) 333-1622 (352) 334-6042 (352) 393-6910 (352) 393-8155 (352) 333-8155

- II. THE CONTRACTOR SHALL STOCKPILE TOPSOIL AND CONSTRUCTION MATERIALS IN SAFE AREAS ACCEPTED BY THE PUBLIC WORKS DIRECTOR AND COUNTY ENGINEER. ALL UNSUITABLE SOIL MATERIAL WILL BE DISPOSED OF OFF-SITE IN A PERMITTED LOCATION.
- 12. ALL SALVAGEABLE AND RECYCLABLE MATERIAL SHALL REMAIN THE PROPERTY OF ALACHUA COUNTY UNLESS OTHERWISE SPECIFIED.
- I3. WHENEVER GRADE DIFFERENCES EXIST BETWEEN PROJECT AND INTERSECTING STREET, TURNOUT OR CROSSOVER, THE CONTRACTOR SHALL INSTALL AND MAINTAIN 2 FOOT ASPHALT WEDGES FEATHERED TO PROVIDE A SMOOTH TRANSITION FROM STREET, TURNOUT OR CROSSOVER TO PROJECT IN ACCORDANCE WITH FDOT INDEX NO. 600 SERIES.
- I4. EROSION CONTROL ITEMS ARE ESTIMATED FOR PREVENTION, CONTROL, ABATEMENT OF EROSION, SEDIMENTATION AND WATER POLLUTION. THESE ITEMS ARE TO BE USED AT THE LOCATIONS DESCRIBED IN THE CONTRACTOR'S APPROVED EROSION CONTROL PLAN OR AS DIRECTED BY THE PROJECT ENGINEER TO COMPLY WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.
- 15. ALL HAY BALES AND SILT FENCE SHALL BE REMOVED AT THE COMPLETION OF THE PROJECT.
- 16. THE CONTRACTOR IS TO MAINTAIN AND KEEP STREET NAME IDENTIFICATION VISIBLE DURING CONSTRUCTION OPERATIONS, IN ORDER TO FACILITATE EMERGENCY VEHICLE TRAFFIC.
- 17. ALL MILLED AREAS WILL BE COVERED WITH TYPE SP THE SAME DAY THAT MILLING OCCURS.

- 18. THE CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE AT ALL TIMES.
- 19. ALL SOD MATERIALS SHALL BE SUBJECT TO INSPECTION BY THE COUNTY PRIOR TO PLACEMENT. ANY SOD WITH NOXIOUS WEEDS AND GRASSES, INCLUDING TROPICAL SODA APPLE, SHALL BE REJECTED FOR USE ON THIS PROJECT. THE CONTRACTOR SHALL FURNISH TO THE ADMINISTRATOR, PRIOR TO INCORPORATION INTO THE PROJECT, A CERTIFICATION FROM THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES DIVISION OF PLANT INDUSTRY, STATING THAT THE SOD, HAY, STRAW AND MULCH MATERIALS ARE FREE FROM NOXIOUS WEEDS, INCLUDING TROPICAL APPLE SODA.
- 20. ALL AREAS OF SODDING SHALL BE COMMON BERMUDA.
- 21. MULCH MATERIAL SHALL CONSIST OF COMMON BERMUDA. OAT. WHEAT AND/OR RYE STRAW.
- 22. ANY PORTION OF THE EXISTING RIGHT OF WAY THAT IS DISTURBED OUTSIDE THE LIMITS OF CONSTRUCTION SHALL BE REDRESSED AND SODDED AT THE CONTRACTOR'S FXPENSE.
- 23. ALL MATERIALS REMOVED FROM THE EXCAVATION SHALL BE PICKED UP AND DISPOSED OF BY THE CONTRACTOR; NO MATERIAL IS TO BE WIND-ROWED ON THE PAVEMENT SHOULDERS.
- 24. EXTENSIONS OF EXISTING PIPE CULVERTS TO BE IN ACCORDANCE WITH INDEX 280.
- 25. THE CONTRACTOR SHALL FURNISH ALL FILL MATERIAL NECESSARY TO CONSTRUCT THE FINISHED GRADING TEMPLATE AS SHOWN IN THE PLANS INCLUDING AREAS FOR REWORKING OF SHOULDER DRIVEWAYS AND DRAINAGE STRUCTURES.
- 26. ANY ADDITIONAL ARROWS OR PAVEMENT MESSAGES REMOVED BY THE CONTRACTORS OPERATIONS SHALL BE REPLACED AT THE END OF EACH DAY'S OPERATION.
- 27. FRICTION COURSE SHALL RECEIVE TWO APPLICATIONS OF FINAL MARKINGS AS DIRECTED BY PROJECT ENGINEER.
- 28. ALL LANES MUST BE OPEN FOR TRAFFIC DURING AN EVACUATION NOTICE OF A HURRICANE OR OTHER CATASTROPHIC EVENTS AND SHALL REMAIN OPEN FOR THE DURATION OF THE EVACUATION OR EVENT AS DIRECTED BY THE PROJECT ENGINEER.
- 29. CONTRACTOR SHALL BE RESPONSIBLE FOR PLACING TEMPORARY RPM'S DURING INTERMEDIATE LIFTS OF PAVEMENT ACCORDING TO INDEX 600.
- 30. MARKERS AND BUTTONS TO BE DISPOSED OF BY THE CONTRACTOR AS DIRECTED BY THE PROJECT ENGINEER. COST TO BE INCLUDED IN THE COST OF MILLING.



ENGINEER OF RECORD: TERREL SHAW, P.E.		REVISIONS		
LIC. No. 50096	DESCRIPTION	DATE	DESCRIPTION	DATE
HNTB				
7077 BONNEVAL ROAD, SUITE 60 LIBERTY CENTER				
JACKSONVILLE, FLORIDA 32216 PHONE: (904) 296-0207				
CA NO.: 6500				

ALACHUA COUNTY
PUBLIC WORKS DEPARTMENT

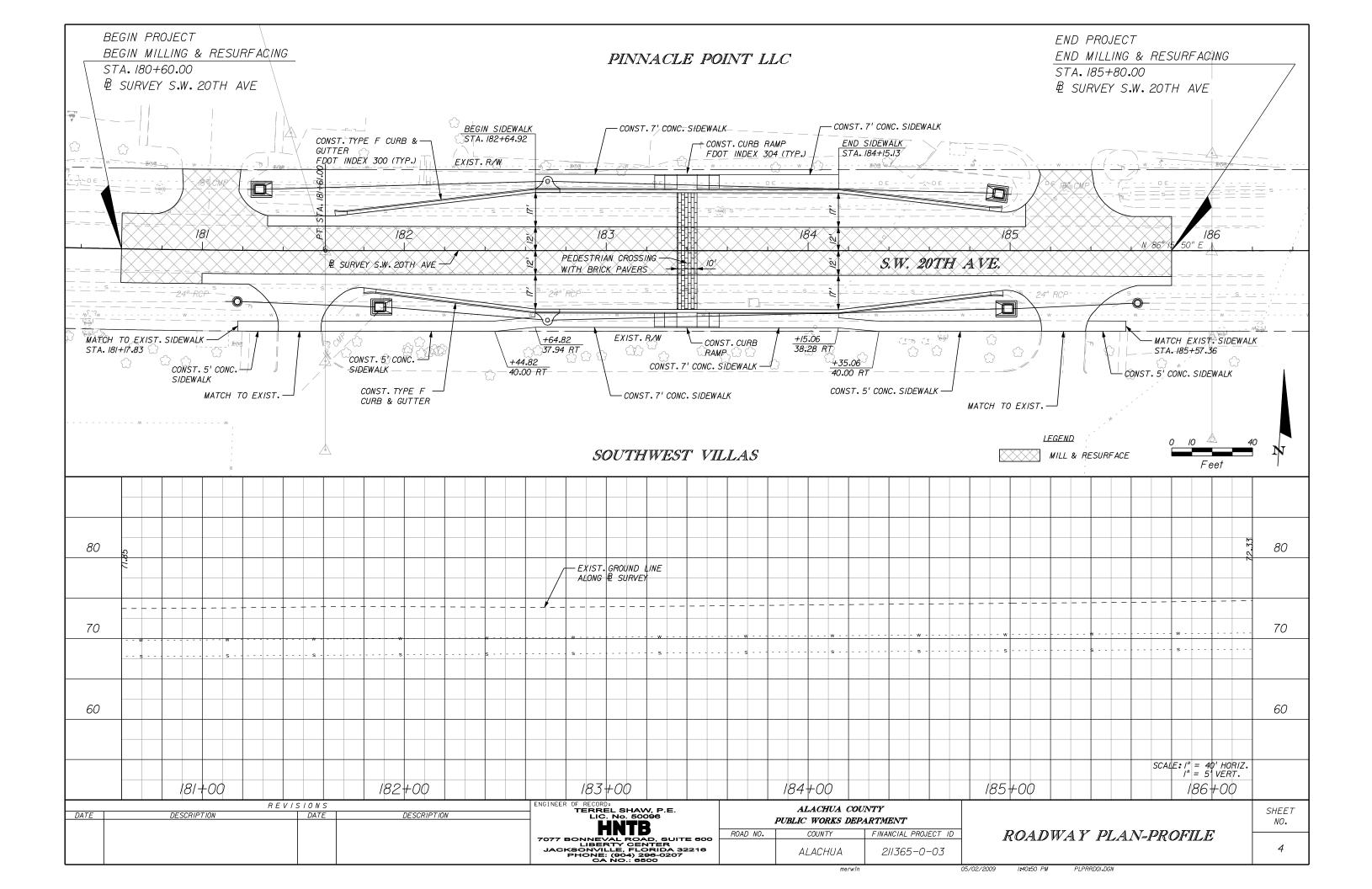
ROAD NO. COUNTY FINANCIAL PROJECT ID

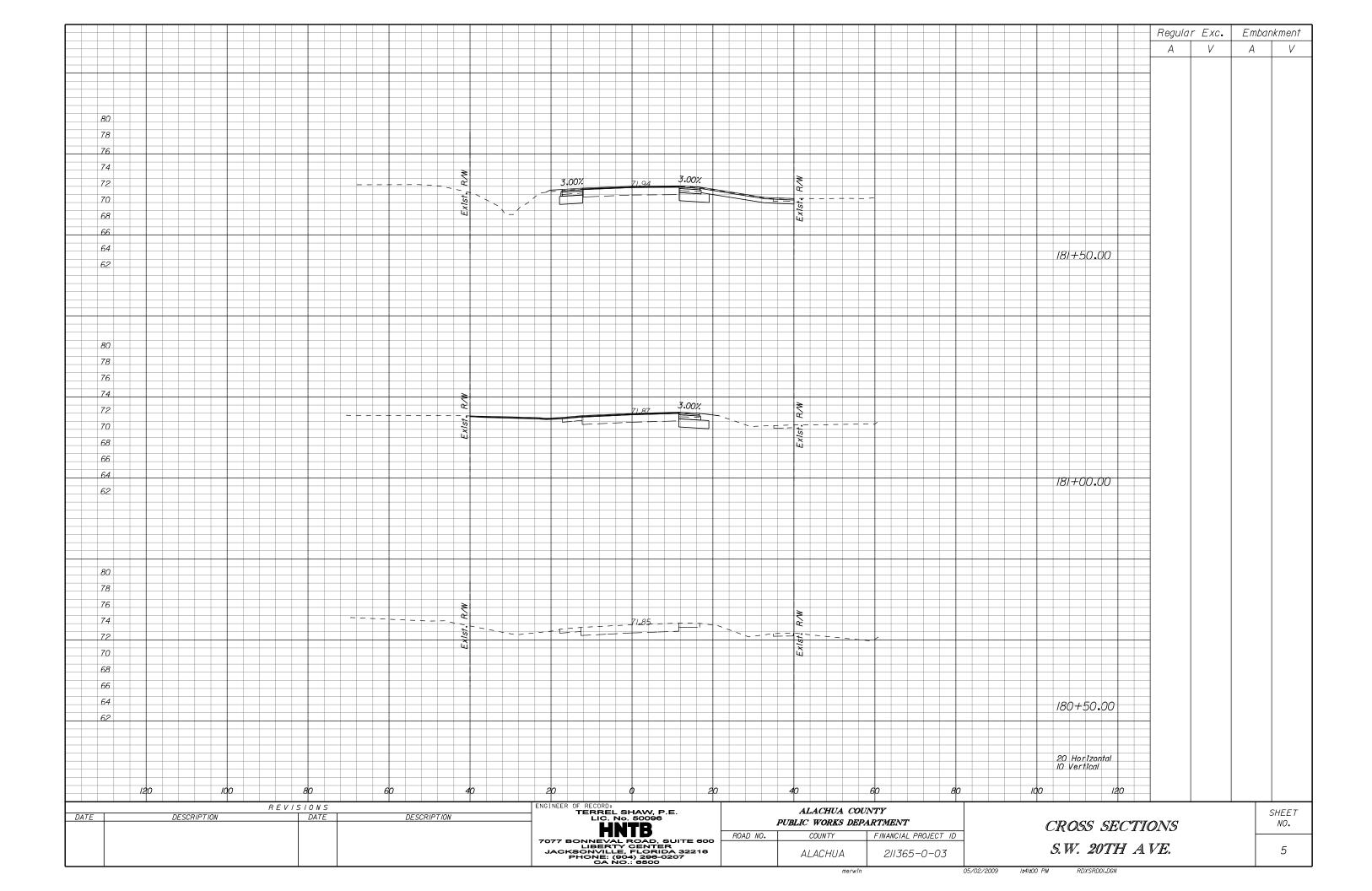
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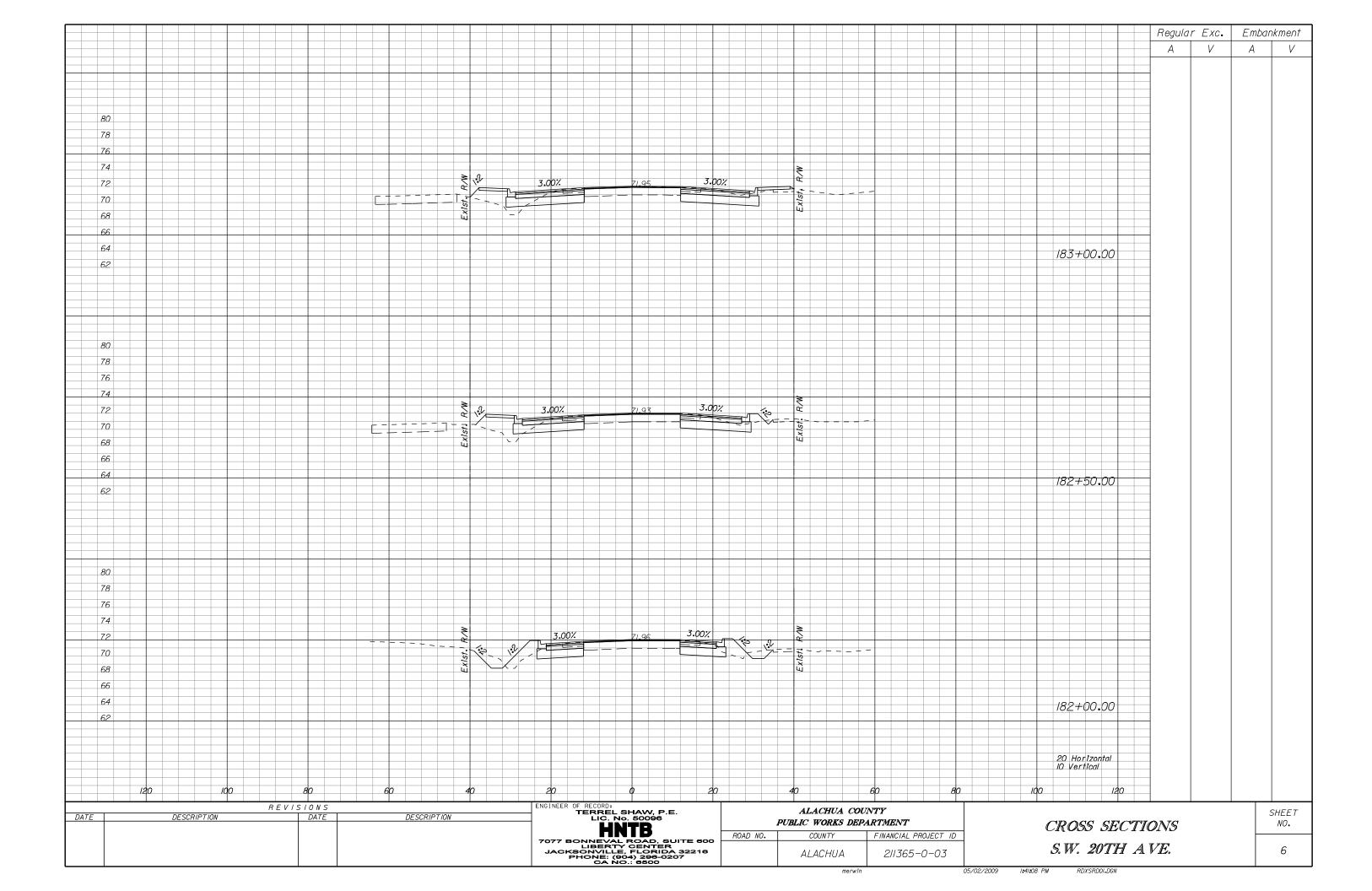
GENERAL NOTES AND
REFERENCE POINTS

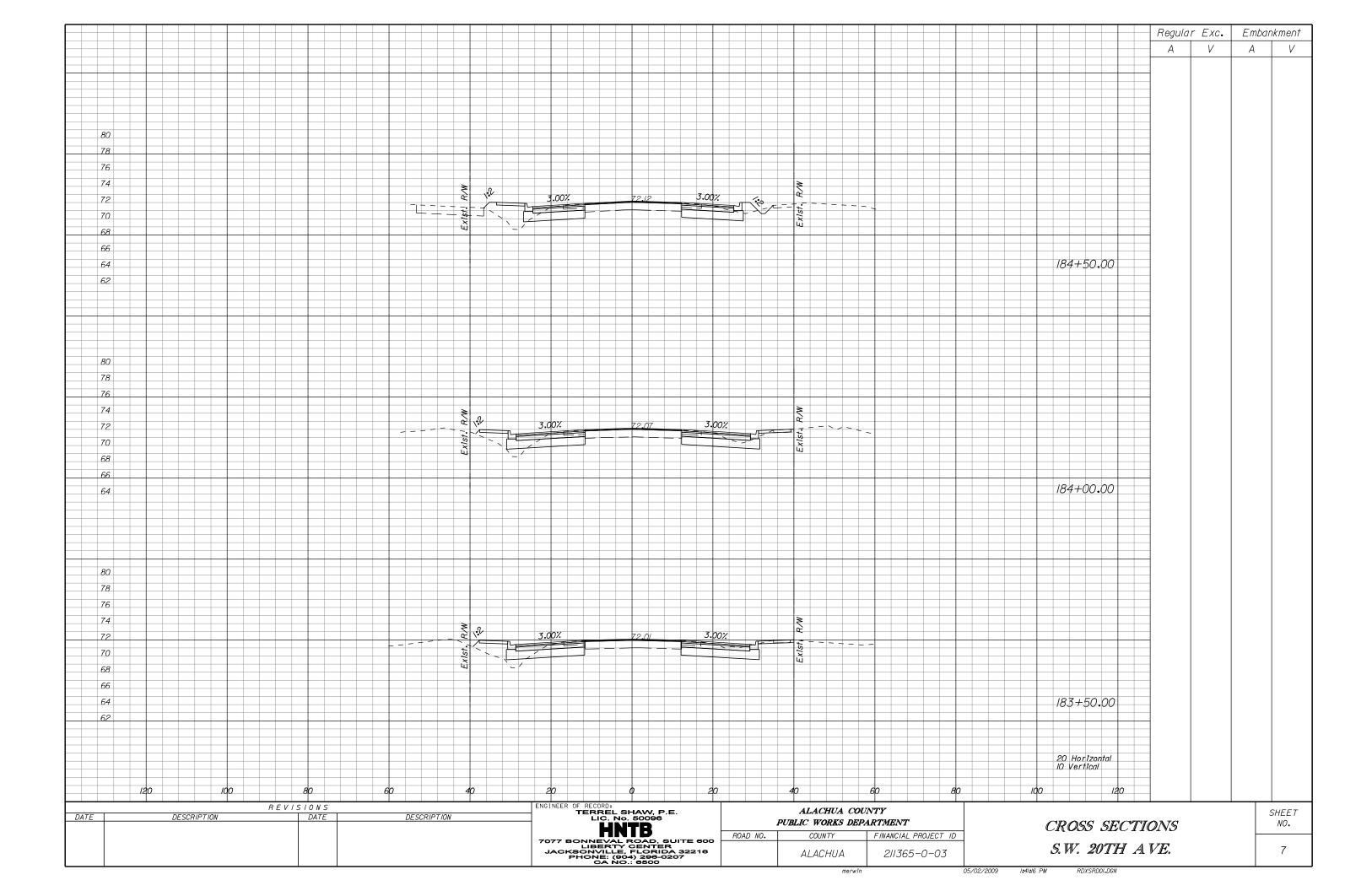
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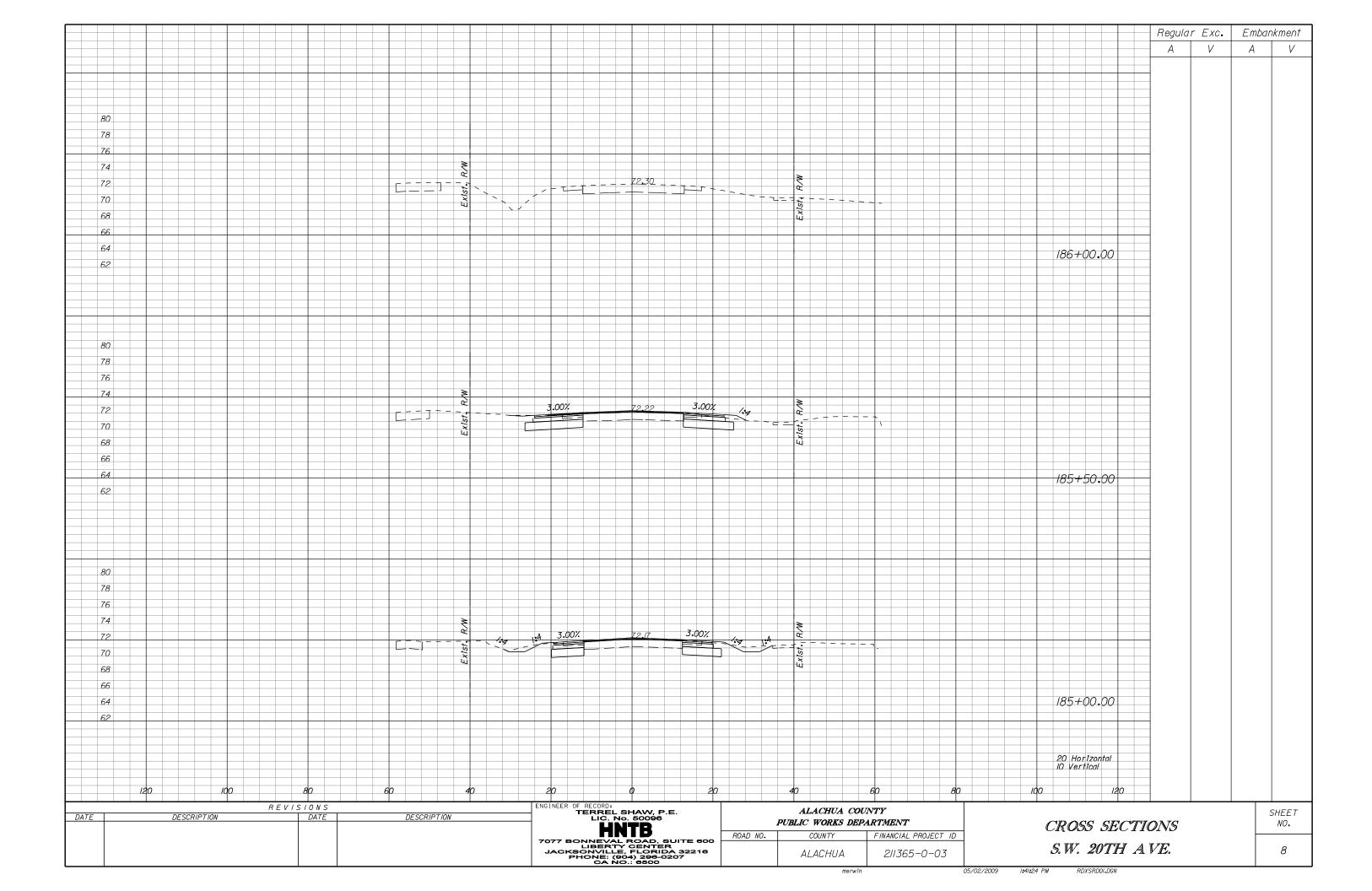
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TRAFFIC CONTROL NOTES:

- I. TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH FDOT ROADWAY AND TRAFFIC DESIGN STANDARDS, JANUARY 2008 EDITION (ENGLISH), INDEX 600 SERIES, THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (2007) AND THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AS A MINIMUM.
- 2. EXISTING POSTED SPEED LIMIT IS 40 40 MPH FOR S.W. 20TH AVE. MOT DESIGN SPEED SHALL MATCH THE POSTED SPEEDS.
- 3. NO LANE CLOSURES ARE PERMITTED DURING NON-WORK PERIODS ON ANY ROADWAY.
- 4. ALL LANE CLOSURES MUST BE REPORTED TO THE LOCAL EMERGENCY AGENCIES, THE MEDIA, THE COUNTY PROJECT MANAGER AND PUBLIC WORKS AT (352) 374-5245.
- 5. UNLESS WRITTEN AUTHORIZATION IS OBTAINED FROM THE ENGINEER, CHANGES IN TRAFFIC ROUTING WILL BE ACCOMPLISHED DURING OFF PEAK HOURS. MAJOR TRAFFIC SHIFTS, INTERMITTENT CLOSURES OR OTHER DETOURS SHALL BE PLANNED WITH NOTICE GIVEN AT LEAST TWO WEEKS IN ADVANCE IN ORDER TO PROVIDE ADEQUATE NOTICE TO THE TRAVELING PUBLIC. DURING PERIODS OF MAJOR SHIFTS OR CLOSURES, THE CONTRACTOR SHALL PROVIDE A DEDICATED CREW FOR INSTALLATION, MAINTENANCE, AND REMOVAL OF TRAFFIC CONTROL DEVICES (I.E., BARRICADES, SIGNS, ARROW PANELS, VMS'S, ETC.) THIS CREW SHALL CONSIST OF AT LEAST THREE MEMBERS OF THE CONTRACTOR'S WORK FORCE, ONE OF WHICH IS MOT CERTIFIED, WHOSE SOLE RESPONSIBILITY WILL BE MAINTENANCE OF TRAFFIC CONTROL. THE CONTRACTOR SHALL FURNISH A WORK VEHICLE TO AID IN MAINTAINING THE TRAFFIC CONTROL DEVICES.
- 6. THE CONTRACTOR SHALL OPEN ALL TRAFFIC LANES IN THE EVENT OF AN EMERGENCY OR IF THE LANE CLOSURE CAUSES A DRIVER DELAY GREATER THAN 20 MINUTES, UNTIL THE TRAFFIC IS RETURNED TO AN ACCEPTABLE FLOW AS DETERMINED BY THE ENGINEER.
- 7. ALL EXISTING SIGNS THAT ARE AFFECTED BY THE PROJECT SHALL BE RELOCATED AND MAINTAINED BY THE CONTRACTOR AT ALL TIMES FOR THE DURATION OF THE PROJECT, CONFLICTING EXISTING REGULATORY SIGNS ARE TO BE REMOVED OR COVERED, SIGNS THAT ARE REMOVED SHALL BE REINSTALLED ONCE THE CONFLICT IS RESOLVED.
- 8. THE EXISTING DRAINAGE SYSTEM SHALL BE KEPT OPERATIONAL OR TEMPORARY DRAINAGE PROVIDED WHILE PROPOSED DRAINAGE SYSTEM IS BEING CONSTRUCTED. THE CONTRACTOR SHALL PROVIDE THE NECESSARY TEMPORARY DRAINAGE, INCLUDING INLETS, COLLARS, PLUGS, AS NEEDED TO FACILITATE DRAINAGE OF THE PROJECT RIGHT-OF-WAY, AS APPROVED BY THE ENGINEER DURING CONSTRUCTION.
- 9. ALL NECESSARY DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO THE CONSTRUCTION OF ANY TRIBUTARY IMPROVEMENTS.
- 10. ARROWS SHOWN ON THE PLANS DENOTE DIRECTION OF TRAFFIC ONLY AND DO NOT INDICATE PAVEMENT MARKINGS.
- II. THIS TRAFFIC CONTROL PLAN IS NOT A SEQUENCE OF CONSTRUCTION. ONLY THOSE WORK ACTIVITIES AFFECTING EXISTING OR INTERIM TRAFFIC PATTERNS ARE ADDRESSED.
- 12. PORTABLE CHANGEABLE (VARIABLE) MESSAGE SIGNS (VMS) SHALL BE USED TO INFORM THE MOTORIST OF UPCOMING LANE CLOSURES AND LANE SHIFTS. PCM'S SHALL BE UTILIZED FOR ALL NIGHT CONSTRUCTION.
- 13. EXISTING LIGHTING WITHIN THE PROJECT LIMITS SHALL BE MAINTAINED DURING ALL PHASES OF CONSTRUCTION.

CONSTRUCTION PHASING NOTES

PHASE I

- I. ERECT ADVANCE SIGNING, STRIPING AND TRAFFIC CONTROL DEVICES AS SHOWN ON SHEET NO. 10 AND IN ACCORDANCE WITH INDEX NO. 612, INDEX NO. 613 AND INDEX NO. 617 (OTHER INDEXES AS MAY APPLY).
- 2. CONSTRUCT THE NORTH SIDE OF THE BUS BAY WITHIN THE WORKZONE SHOWN IN THE TCP PLANS.

PHASE 2

I. CONSTRUCT THE SOUTH SIDE OF THE BUS BAY WITHIN THE WORKZONE SHOWN IN THE TCP PLANS.

PHASE 3

- I. MILL & RESURFACE S.W. 20TH AVENUE.
- 2. APPLY FINAL LAYER OF FRICTION COURSE, PAVEMENT MARKINGS AND RPM'S.
- 3. REMOVE ALL TRAFFIC CONTROL DEVICES.

		REVISIONS		ENGINEER OF RECORD:
DATE	DESCRIPTION	DATE	DESCRIPTION	TERREL SHAW, P.E. LIC. No. 50096
				HNTB
				7077 BONNEVAL ROAD, SUITE 600 LIBERTY CENTER
				JACKSONVILLE, FLORIDA 32216 PHONE: (904) 296-0207

ALACHUA COUNTY PUBLIC WORKS DEPARTMENT							
ROAD NO.	COUNTY	FINANCIAL PROJECT ID					
	ALACHUA	211365-0-03					

TRAFFIC CONTROL PLAN
GENERAL NOTES

SHEET NO.

9

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