

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

May 12, 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, May 19, 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

III. SW 62nd Connector Interim Projects 30 Percent Design Plans

DEVELOP MTPO RECOMMENDATIONS

Page#3

A. SW 40th Boulevard at Archer Road Intersection Modifications

Page#55

B. SW 43rd Street at SW 20th Avenue Intersection Modifications

Page#105

C. Smart Bus Bay on SW 20th Avenue

County staff will discuss the proposed 30 percent design plans for these projects

IV. American Recovery & Reinvestment Act (ARRA) Enhancement Projects- Scoping Plans

DEVELOP MTPO RECOMMENDATIONS

Page#121

A. NW 34th Street [NW 39th Avenue to US 441] Sidewalk

Page#127

B. SW 8th Avenue [Tower Road to SW 67th Terrace] Sidewalk

FDOT has provided draft scopes for these sidewalk projects

Page#133

V. Upcoming Meetings

- A. Next MTPO meeting - June 8th at 6:00 pm (Jack Durrance)
- B. Next Design Team meeting - June 16th at the NCFRPC (if needed)

VI. Information Items

Page#135

- A. Updated FDOT Mast Arm Policy

Page#137

- B. Design Team Membership List & Project Status

Page#139

- C. Design Team meeting summary (from the last meeting)

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

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May 12, 2009

TO: Metropolitan Transportation Planning Organization (MTPO)

FROM: Marlie Sanderson, AICP, Director of Transportation Planning

SUBJECT: SW 62nd Connector Interim Projects 30 Percent Design Plans-
SW 40th Boulevard at Archer Road Intersection Modifications

STAFF RECOMMENDATION

Develop MTPO recommendations.

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 30 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. For a full color presentation of the slideshow, refer to the following website:

http://ncfrpc.org/mtpo/Full%20packets/Design_Team/SW62bdInterimProj30percent_may0809.pdf

Exhibit 2 includes the 30 percent design plans. To also review the full set of design plans, refer to the following website:

[http://ncfrpc.org/mtpo/Full%20packets/Design_Team/09-05-02%20-%20Plans%20-%20Phase%20I%20Submittal%20\(Archer%20Road-SW40th%20Blv.pdf](http://ncfrpc.org/mtpo/Full%20packets/Design_Team/09-05-02%20-%20Plans%20-%20Phase%20I%20Submittal%20(Archer%20Road-SW40th%20Blv.pdf)

SW 40 th 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

SW 40th Blvd at Archer Road

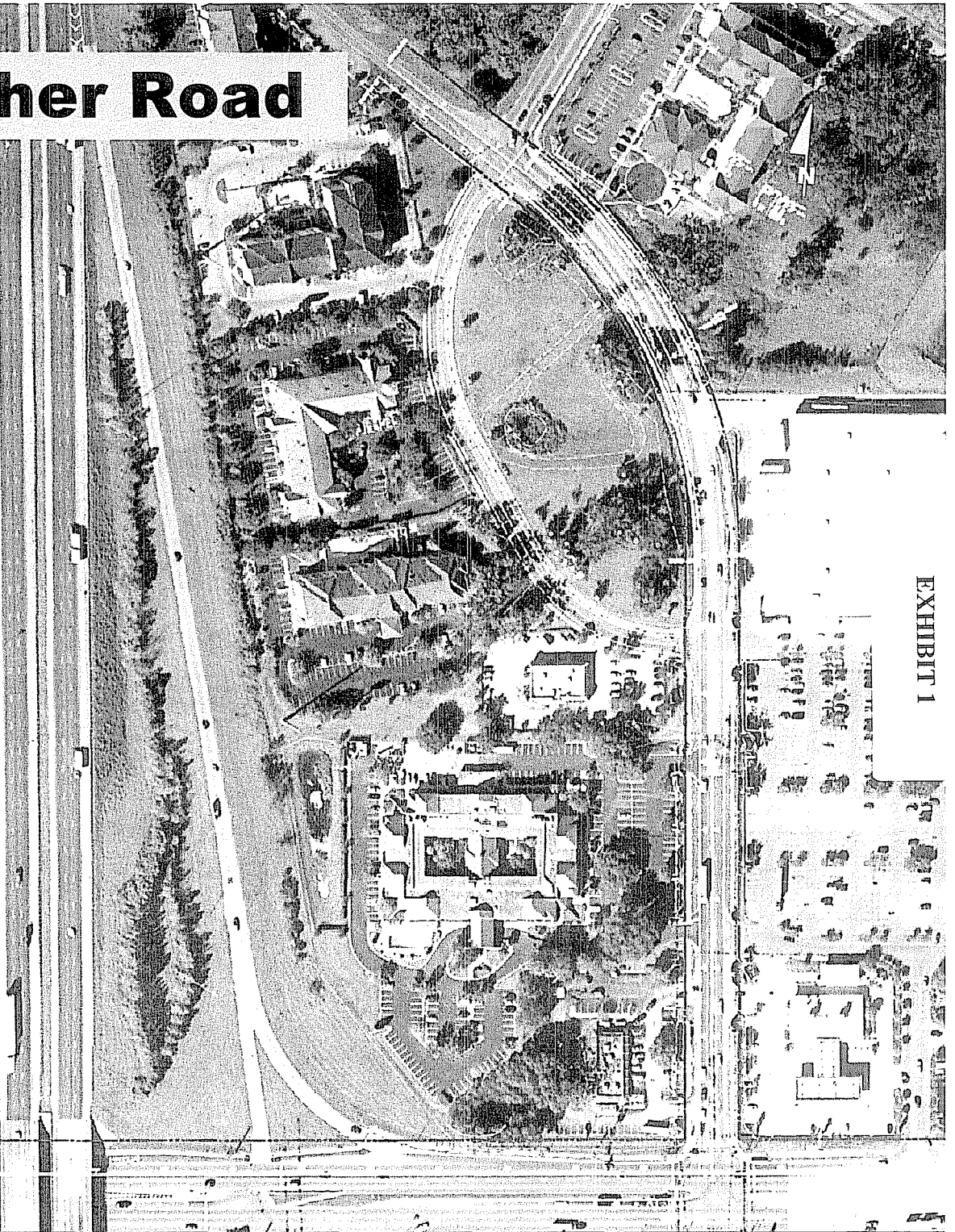
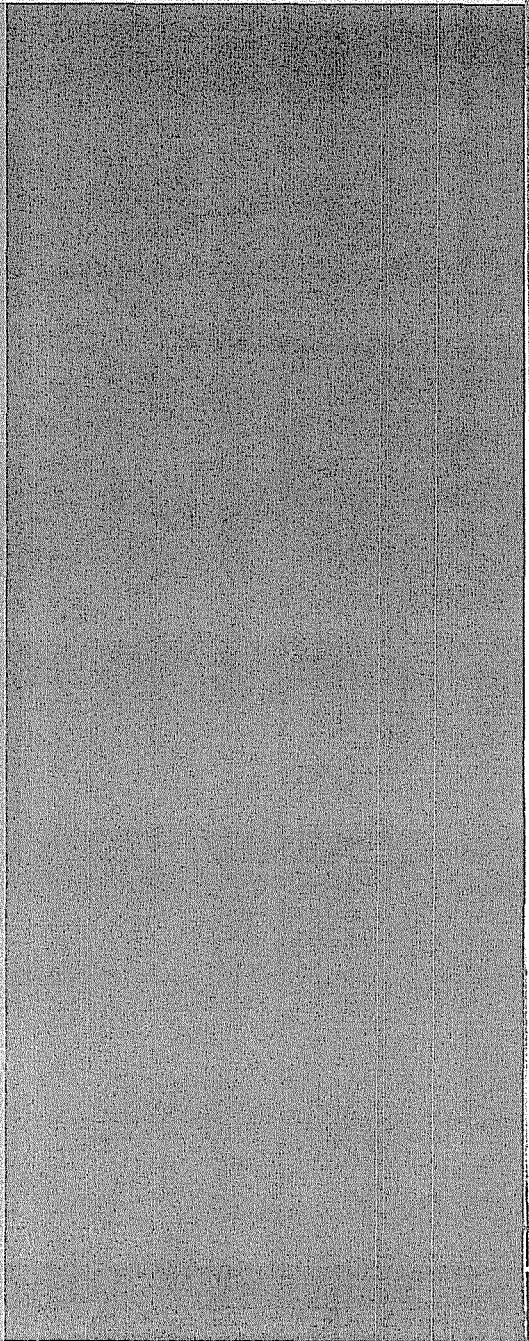
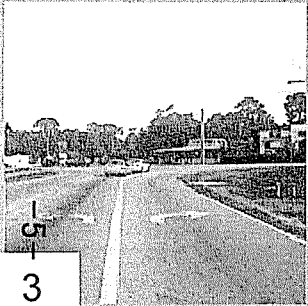
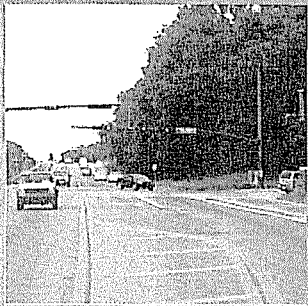
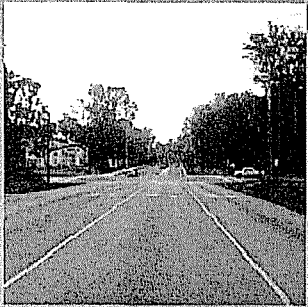
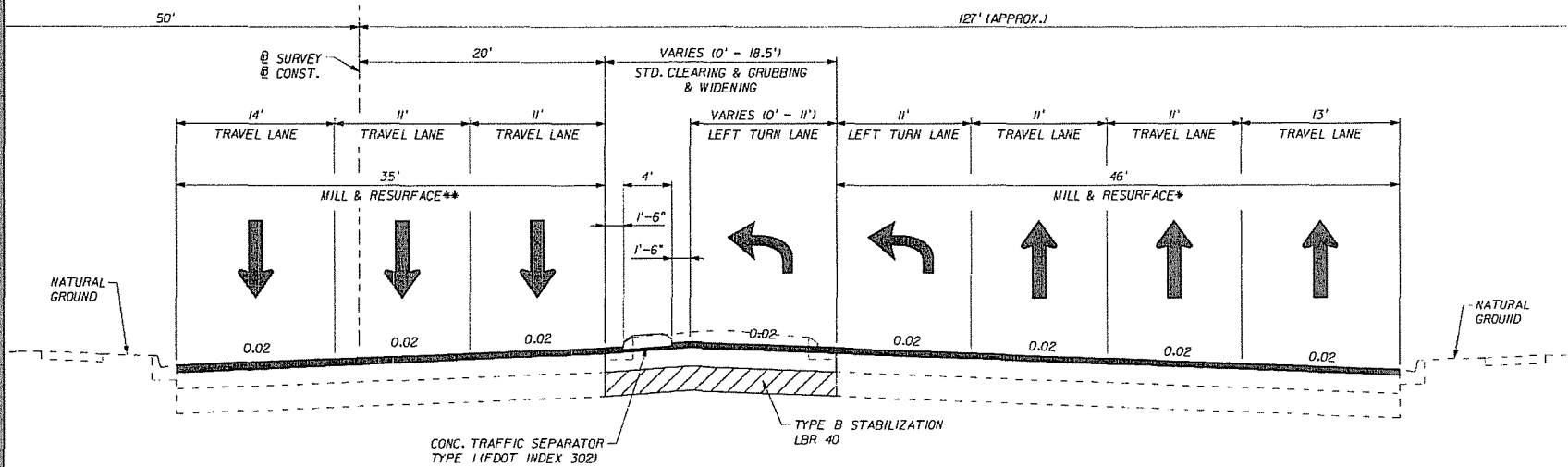
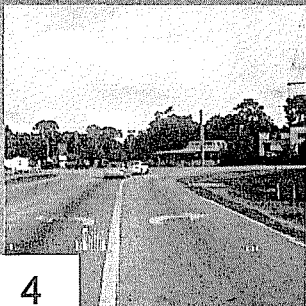
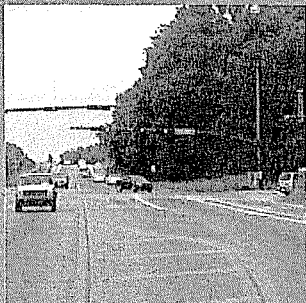


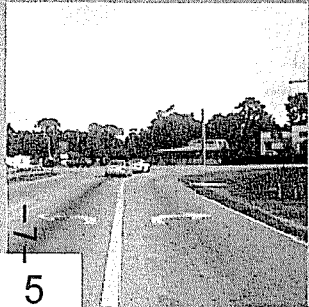
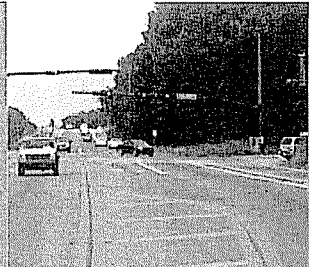
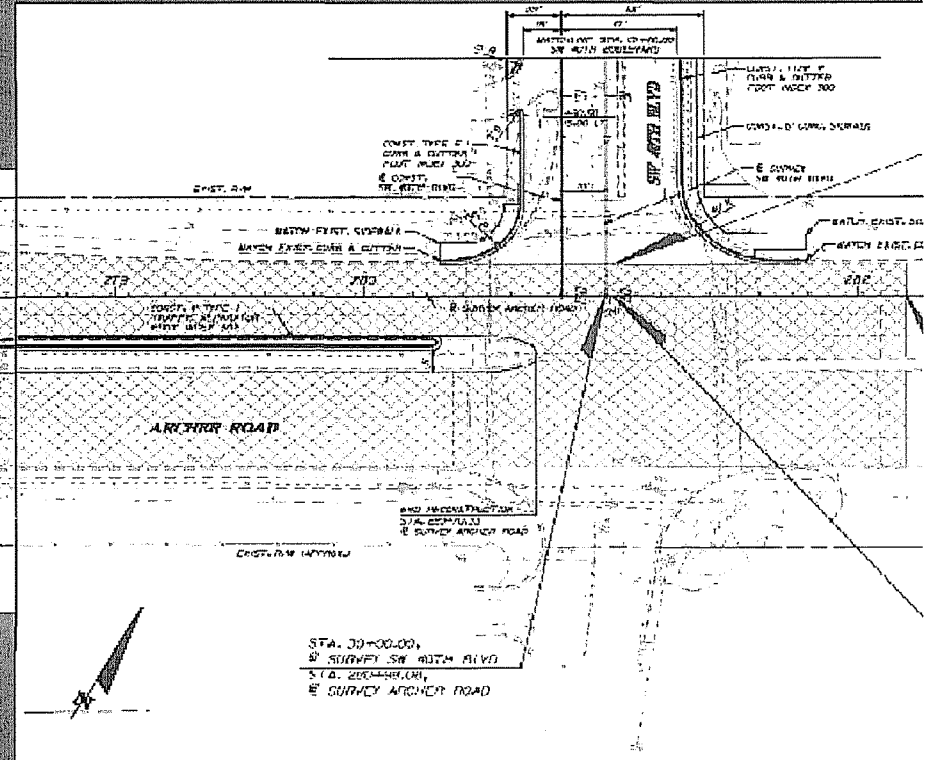
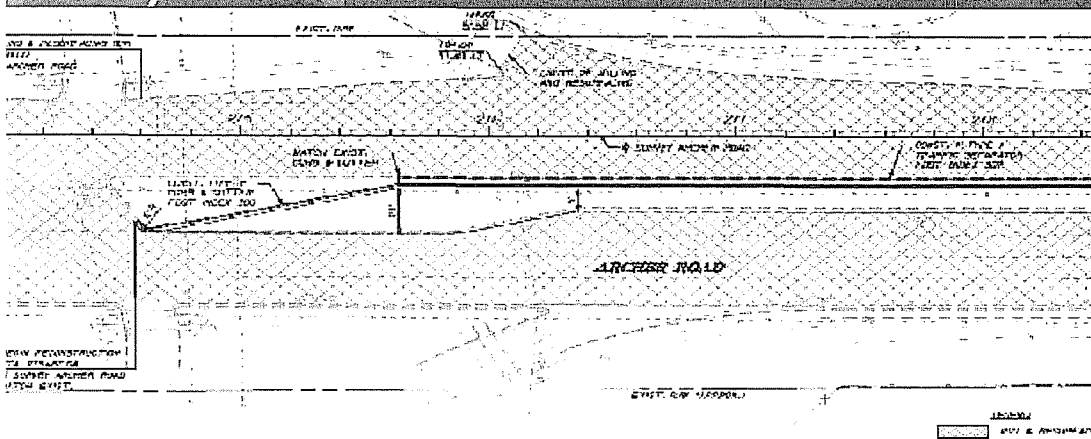
EXHIBIT 1

Archer Road



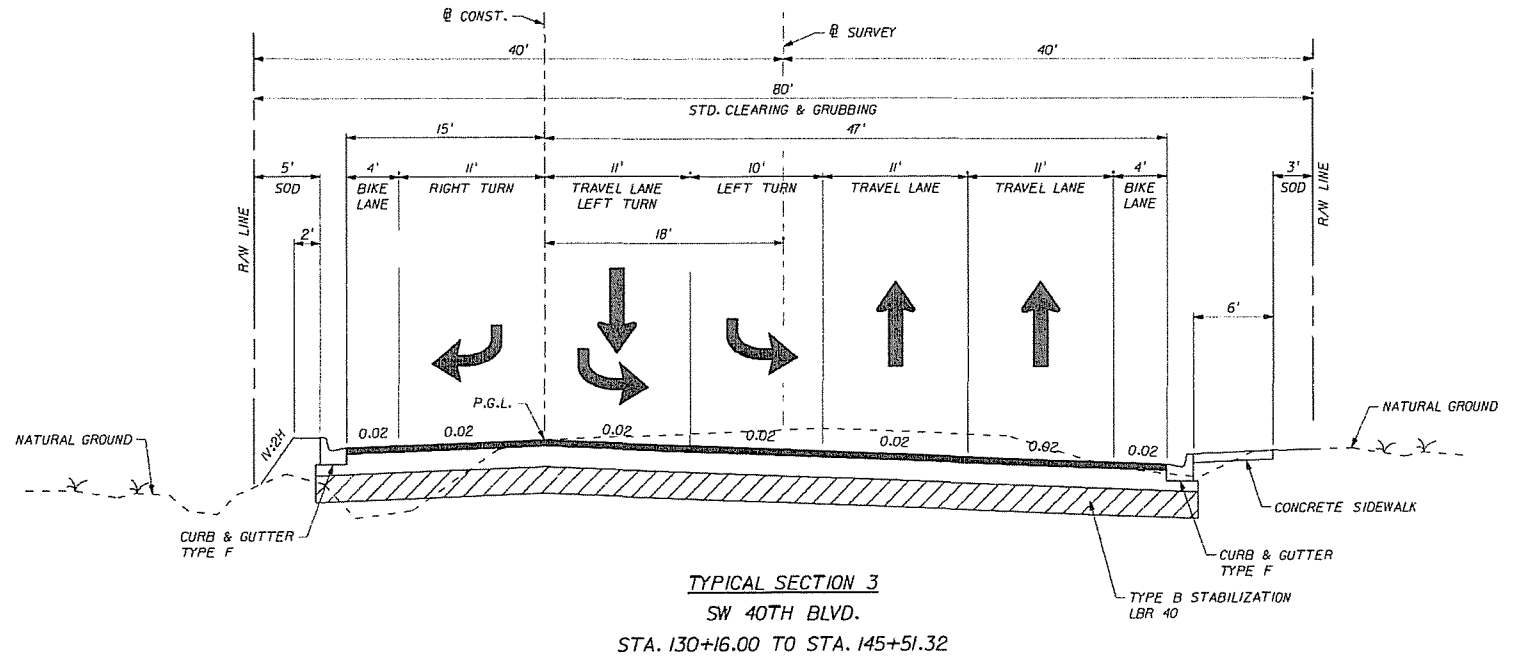
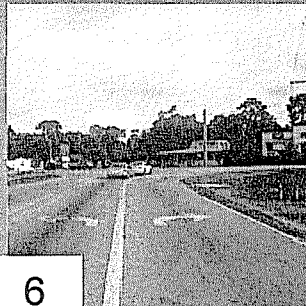
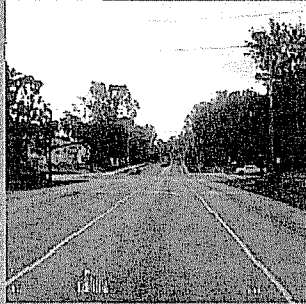
TYPICAL SECTION 2
ARCHER ROAD
STA. 275+57.64 TO STA. 280+28.11

Archer Road

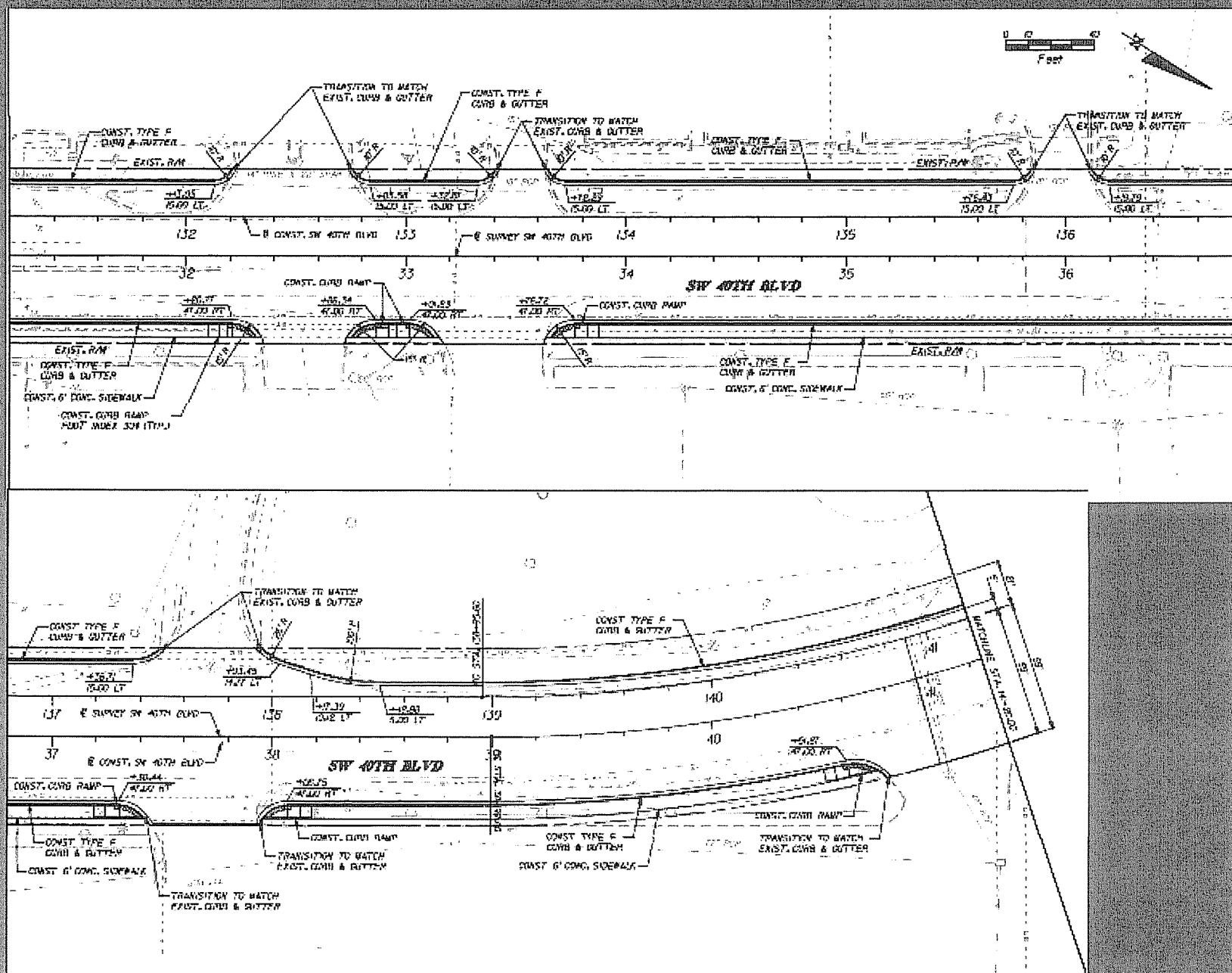
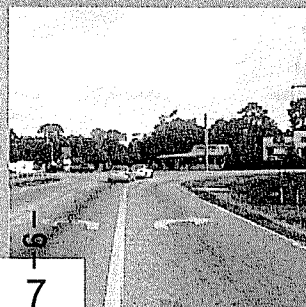
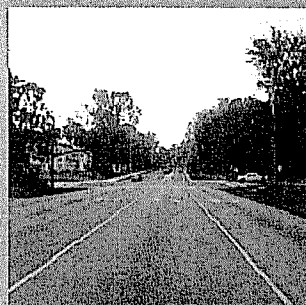


HNTB

SW 40th Blvd



SW 40th Blvd



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
1	KEY SHEET
2 - 4	DRAINAGE MAP
5 - 7	TYPICAL SECTION
8	GENERAL NOTES AND REFERENCE POINTS
9	PROJECT LAYOUT
10 - 15	ROADWAY PLAN-PROFILE
16 - 25	CROSS SECTIONS
26 - 37	TRAFFIC CONTROL PLAN
38 - 43	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.

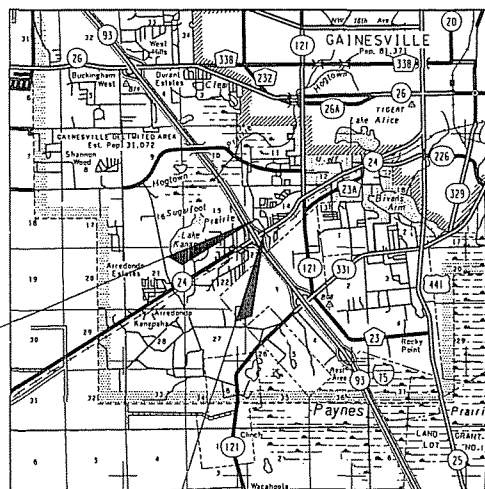
APPLICABLE DESIGN STANDARDS MODIFICATIONS: TBA
For Design Standards modifications click on:
<http://www.dot.state.fl.us/rddesign/>

REVISIONS

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



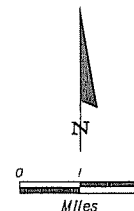
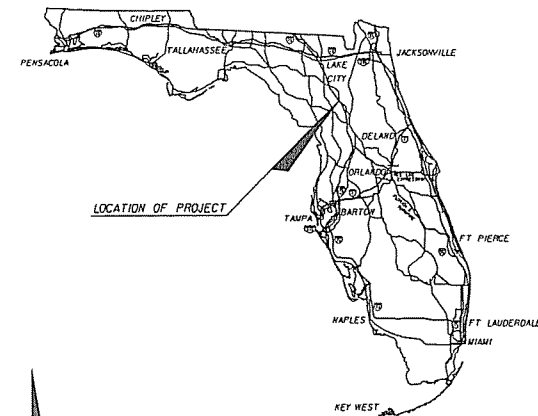
END PROJECT
STA. 45+69.09

BEGIN PROJECT
STA. 30+00.00

PROJECT LENGTH IS BASED ON E OF CONSTRUCTION

LENGTH OF PROJECT		
	LINEAR FEET	MILES
ROADWAY	1569.09	0.30
BRIDGES		
NET LENGTH OF PROJECT	1569.09	0.30
EXCEPTIONS		
GROSS LENGTH OF PROJECT	1569.09	0.30

FDOT PROJECT MANAGER:



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) 298-0207
FAX NO. (904) 279-0280

PLANS PREPARED BY:

HNTB

HNTB CORPORATION
7077 BONNEVAL ROAD
SUITE 800, LIBERTY CENTER
JACKSONVILLE, FL 32218
PHONE NO. (904) 298-0207
FAX NO. (904) 279-0280
CERT. OF AUTH. NO. 0500

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

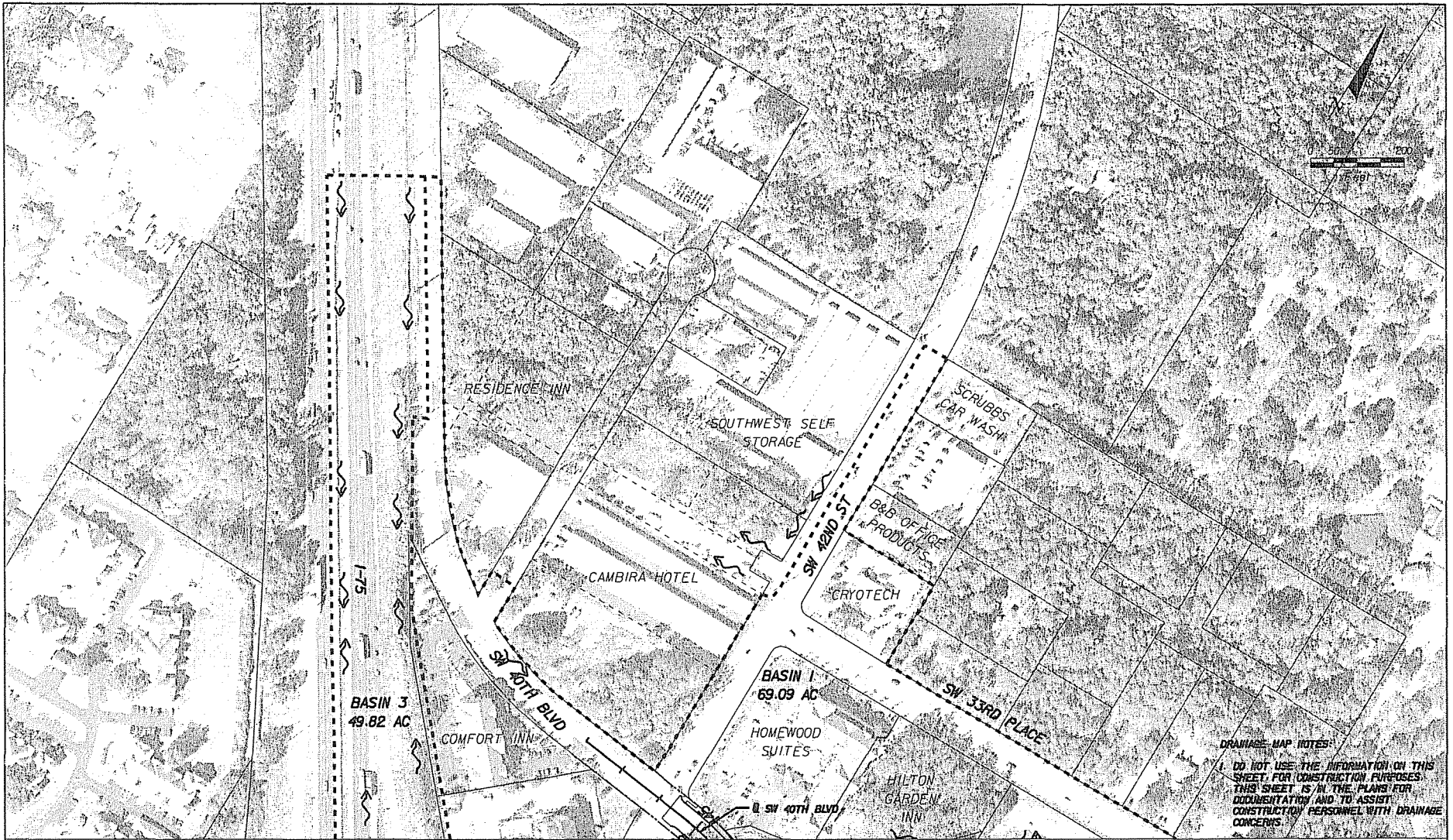
PHASE I SUBMITTAL
APRIL 2009

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

P.E. NO.: 50096

FISCAL YEAR	SHEET NO.
09	1

EXHIBIT 2



DRAINAGE MAP NOTES:
1. DO NOT USE THE INFORMATION ON THIS SHEET FOR CONSTRUCTION PURPOSES. THIS SHEET IS IN THE PLANS FOR DOCUMENTATION AND TO ASSIST CONSTRUCTION PERSONNEL WITH DRAINAGE CONCERNS.

MATCHLINE, SEE DRAINAGE MAP (2)

REVISIONS				ENGINEER OF RECORD: TERREL SHAW, P.E. LIC. No. 80096 HNTB 7077 BONNEVAL ROAD, SUITE 600 LIBERTY CENTER JACKSONVILLE, FLORIDA 32218 PHONE: (904) 296-0207 CA NO. 7-0900	ALACHUA COUNTY PUBLIC WORKS DEPARTMENT			SHEET NO. 2
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						ALACHUA	211365-0-03	

DRAINAGE MAP (1)

mar/10

05/02/2009

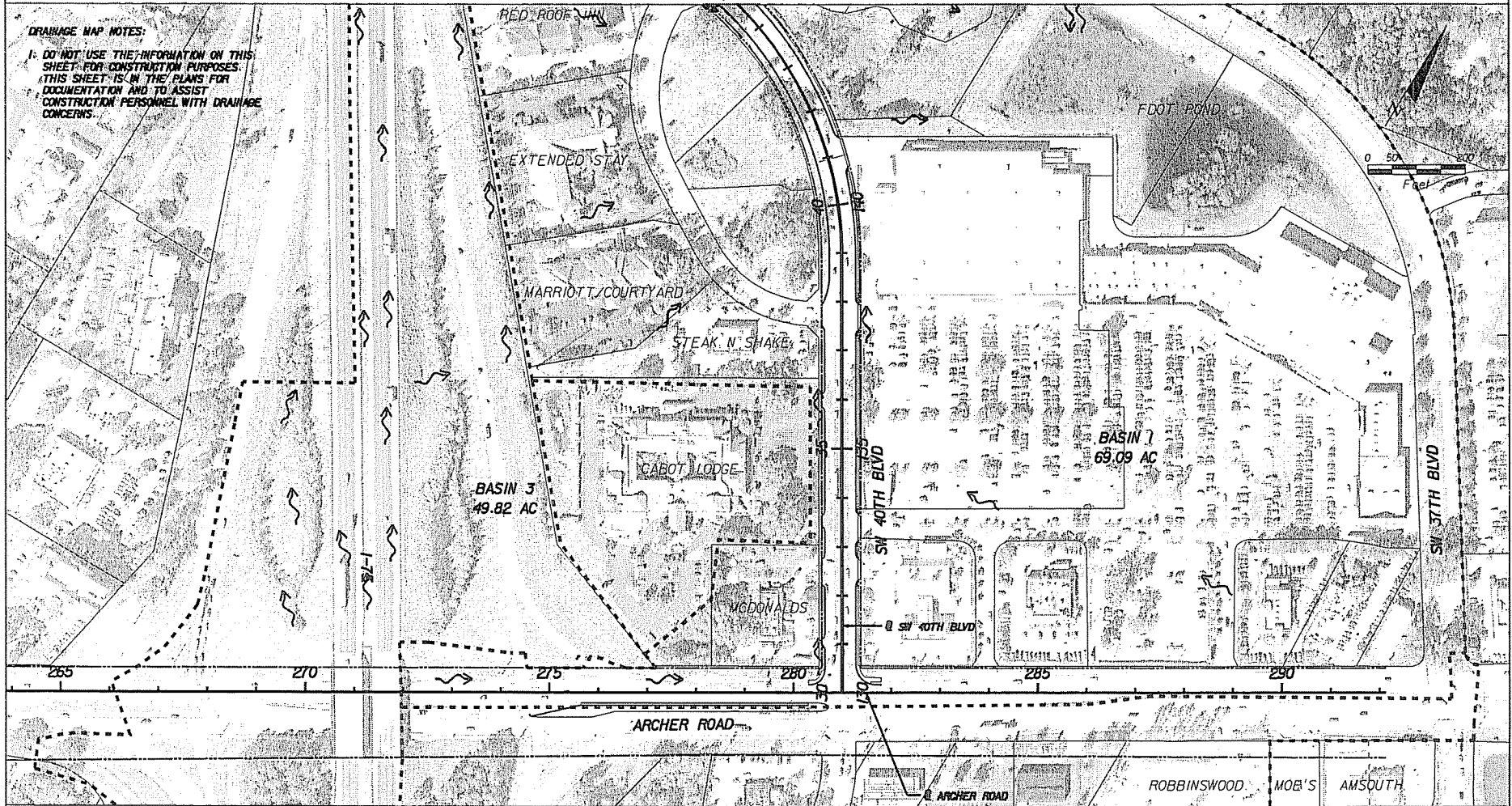
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MATCHLINE, SEE DRAINAGE MAP (1)

DRAINAGE MAP NOTES:

1. DO NOT USE THE INFORMATION ON THIS SHEET FOR CONSTRUCTION PURPOSES. THIS SHEET IS IN THE PLANS FOR DOCUMENTATION AND TO ASSIST CONSTRUCTION PERSONNEL WITH DRAINAGE CONCERNS.



MATCHLINE, SEE DRAINAGE MAP (3)

REVISIONS				ENGINEER OF RECORD TERREL SHAW, P.E. LIC. No. 50098 HNTB 7077 BONNEVAL ROAD, SUITE 600 LIBERTY CENTER JACKSONVILLE, FLORIDA 32216 PHONE: (904) 266-0207 FAX NO.: 6560	ALACHUA COUNTY PUBLIC WORKS DEPARTMENT		DRAINAGE MAP (2)	SHEET NO. 3
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						ALACHUA	211365-0-03	

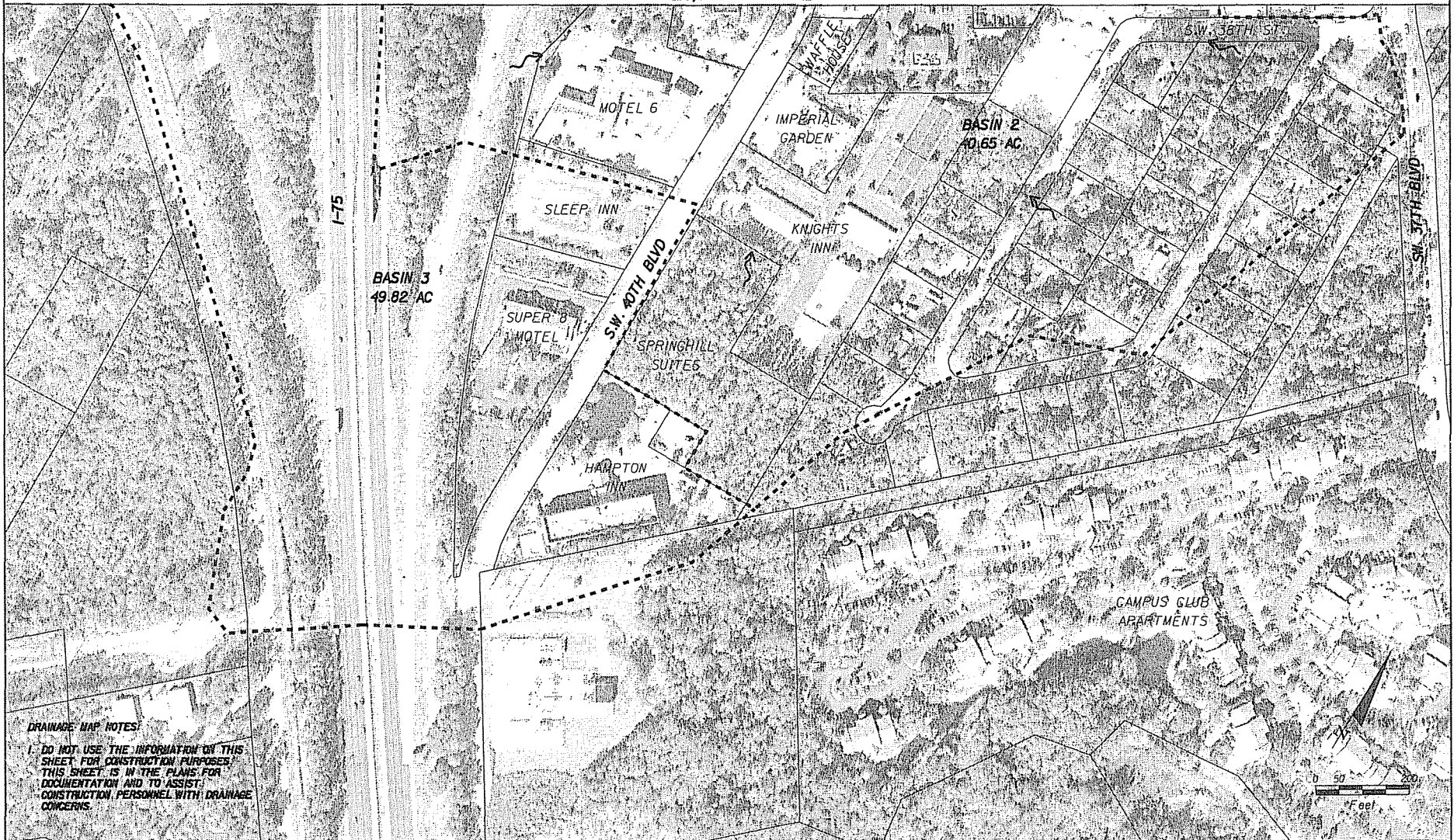
marwin

05/02/2009

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DRWPROJ2.DGN

HATCHLINE, SEE DRAINAGE MAP (2)



DRAINAGE MAP NOTES

I DO NOT USE THE INFORMATION ON THIS SHEET FOR CONSTRUCTION PURPOSES. THIS SHEET IS IN THE PLANS FOR DOCUMENTATION AND TO ASSIST CONSTRUCTION PERSONNEL WITH DRAINAGE CONCERNS.

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

ENGINEER OF RECORD:
TERREL SHAW, P.E.
LIC. No. 60096
HNTB
7077 BONNEVAL ROAD, SUITE 600
LIBERTY CENTER
JACKSONVILLE, FLORIDA 32216
PHONE: (904) 298-0207
CA NO.: 6800

**ALACHUA COUNTY
PUBLIC WORKS DEPARTMENT**

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

DRAINAGE MAP (3)

**SHEET
NO.**

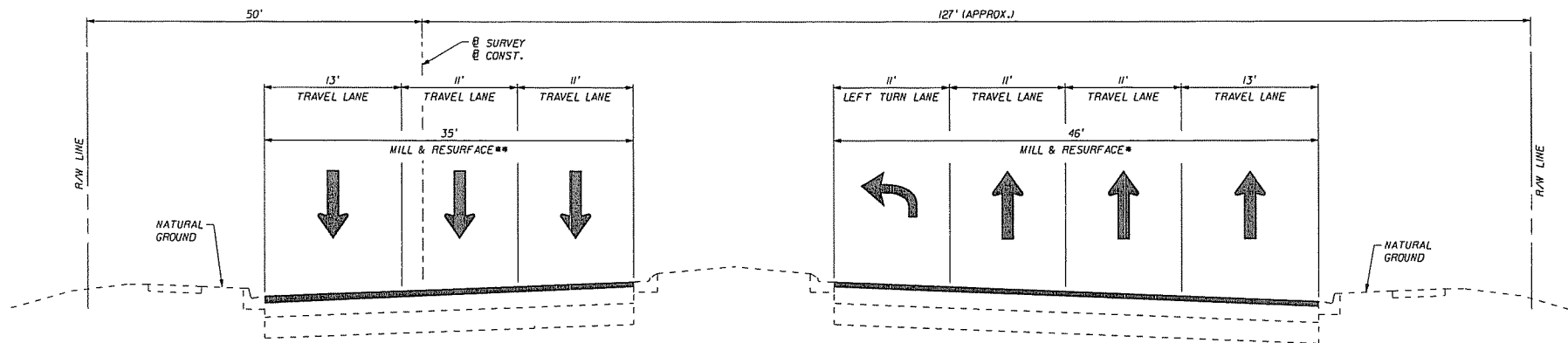
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mrw/m

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TYPICAL SECTION I

ARCHER ROAD

STA. 274+00.00 TO STA. 275+57.64

STA. 280+28.11 TO STA. 282+20.00

MILLING

MILL EXISTING ASPHALT PAVEMENT (1.50" AVG. DEPTH)

RESURFACING

TYPE SP-12.5 STRUCTURAL COURSE (TRAFFIC C)(1.50")
AND FRICTION COURSE FC-12.5 (1.50")

WIDENING

BLACK BASE ONLY (6.00") WITH
TYPE SP-12.5 STRUCTURAL COURSE (TRAFFIC C)(4.00")
AND FRICTION COURSE FC-12.5 (1.50")

TRAFFIC DATA

CURRENT YEAR = 2008 AADT = 50,200
ESTIMATED OPENING YEAR = 2010 AADT = 51,900
ESTIMATED DESIGN YEAR = 2035 AADT = 73,400
K = 9.5% D = 60% T = 2% (24 HOUR)
DESIGN HOUR T = 1%
DESIGN SPEED = 35 MPH

NOTES

* MILL & RESURFACE ARCHER ROAD, RT, FROM
STA. 274+00.00 TO STA. 282+20.00
** MILL & RESURFACE ARCHER ROAD, LT, FROM
STA. 274+60.00 TO STA. 282+20.00

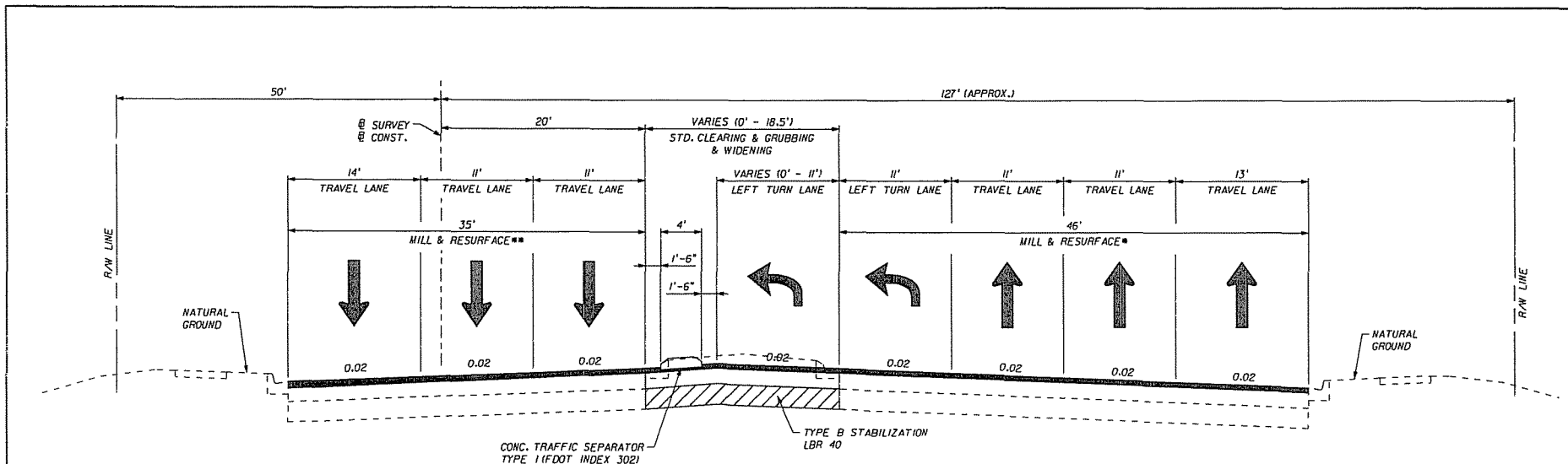
REVISIONS				ENGINEER OF RECORD: TERREL SHAW, P.E. LIC. No. 60056 HNTB 7077 BONNEVAL ROAD, SUITE 600 LIBERTY CENTER JACKSONVILLE, FLORIDA 32216 PHONE: (904) 200-0207 CA NO. 16800	ALACHUA COUNTY PUBLIC WORKS DEPARTMENT			TYPICAL SECTION	SHEET NO. 5
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ALACHUA	211365-0-03		

marvin

05/02/2009

11/29/11 AN

TYPSP001.DGN



TYPICAL SECTION 2
ARCHER ROAD
STA. 275+57.64 TO STA. 280+28.11

MILLING

MILL EXISTING ASPHALT PAVEMENT (1.50" AVG. DEPTH)

RESURFACING

TYPE SP-12.5 STRUCTURAL COURSE (TRAFFIC C) (1.50")
AND FRICTION COURSE FC-12.5 (1.50")

WIDENING

BLACK BASE ONLY (6.00") WITH
TYPE SP-12.5 STRUCTURAL COURSE (TRAFFIC C) (4.00")
AND FRICTION COURSE FC-12.5 (1.50")

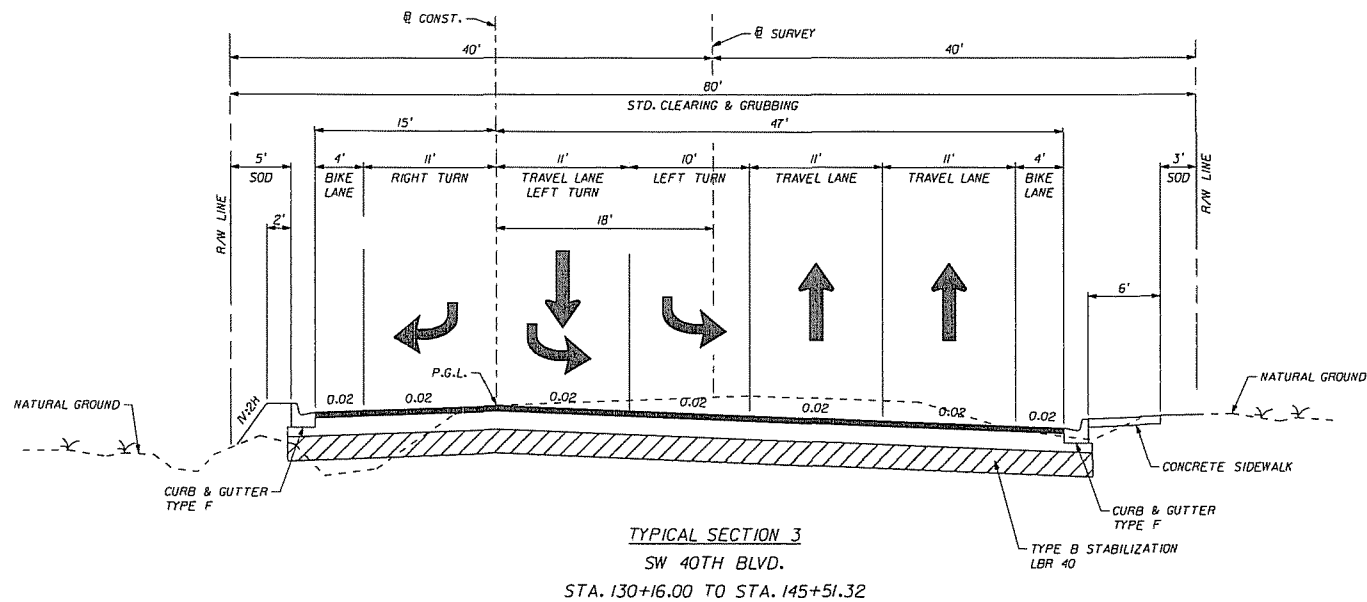
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DESIGN SPEED = 35 MPH

NOTES

* MILL & RESURFACE ARCHER ROAD, RT, FROM
STA. 274+00.00 TO STA. 282+20.00
** MILL & RESURFACE ARCHER ROAD, LT, FROM
STA. 274+60.00 TO STA. 282+20.00

REVISIONS				ENGINEER OF RECORD: TERREL SHAW, P.E. LIC. No. 50095 HNTB 7077 BONNEVAL ROAD, SUITE 600 LIBERTY CENTER JACKSONVILLE, FLORIDA 32216 PHONE: (904) 206-0207 FAX: 904-206-0207	ALACHUA COUNTY PUBLIC WORKS DEPARTMENT			TYPICAL SECTION	SHEET NO.
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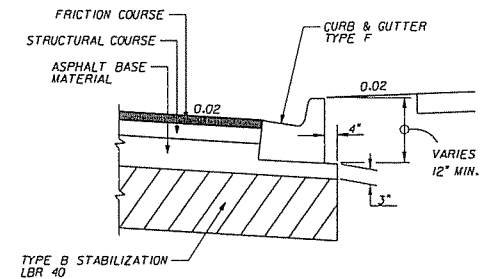


TRAFFIC DATA

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 ESTIMATED OPENING YEAR = 2010 AADT = 8,800
 ESTIMATED DESIGN YEAR = 2035 AADT = 14,500
 K = 9.5% D = 60% T = 2% (24 HOUR)
 DESIGN HOUR T = 1%
 DESIGN SPEED = 35 MPH

RECONSTRUCTION

BLACK BASE ONLY (6.00") WITH
 TYPE SP-12.5 STRUCTURAL COURSE (TRAFFIC C) (13.00")
 AND FRICTION COURSE FC-12.5 (1.50")



REVISIONS				ENGINEER OF RECORD TERREL SHAW, P.E. LIC. No. 50095 HNTB 7077 BONNEVAL ROAD, SUITE 600 LIBERTY CENTER JACKSONVILLE, FLORIDA 32218 PHONE: (904) 298-0207 CA NO.: 16650	ALACHUA COUNTY PUBLIC WORKS DEPARTMENT		TYPICAL SECTION	SHEET NO. 7
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metwin

05/02/2009

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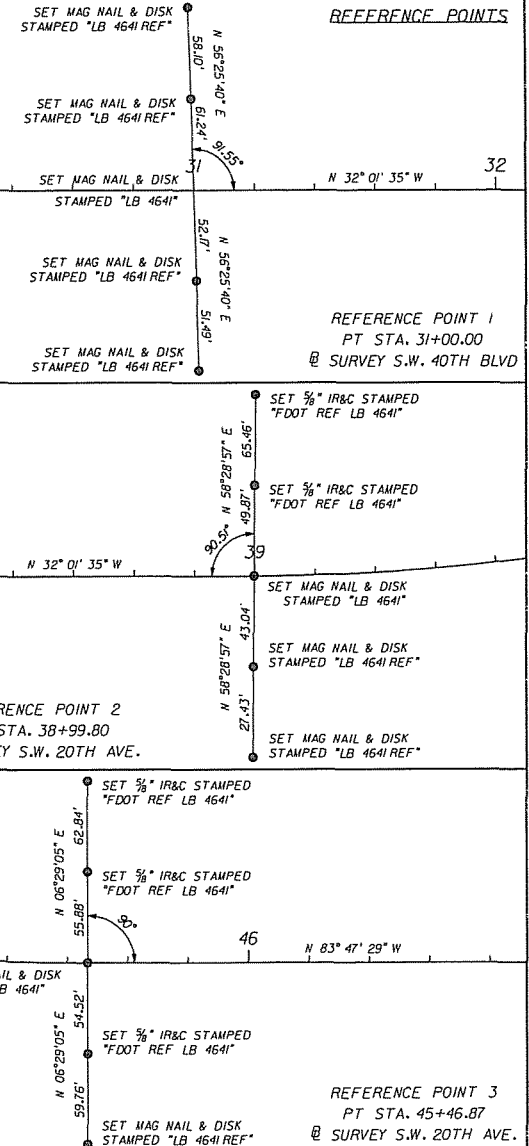
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GENERAL NOTES

1. 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 FOOT DESIGN STANDARDS, SHALL BE DEFINED HERE AS PART OF THE GENERAL NOTES.
8. THE LOCATIONS OF THE UTILITIES SHOWN IN THE PLANS INCLUDING THOSE DESIGNATED VV, VH AND VHI 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	CONTACT	TELEPHONE
AT&T/BELLSOUTH (FLORIDA)	ANNA LISA HORDEMAN	(352) 371-5276
AT&T/BELLSOUTH (LONG DISTANCE)	BOB WADLEY	(352) 331-9294
GRU WATER/WASTEWATER	DEBBIE DOCKERTY	(352) 393-1622
GRU ELECTRIC	TONY HOLSTEIN	(352) 394-6042
GRU COMMUNICATIONS	TOM LAWYER	(352) 393-6910
TRAFFIC OPERATIONS	TRAVIS LAW	(352) 393-8155
TRAFFIC OPERATIONS	CHRIS DOLAN	(352) 393-8155
COX COMMUNICATIONS	GARY HARRELL	(352) 337-2052
11. 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.
13. 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 FOOT INDEX NO. 600 SERIES.
14. 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.

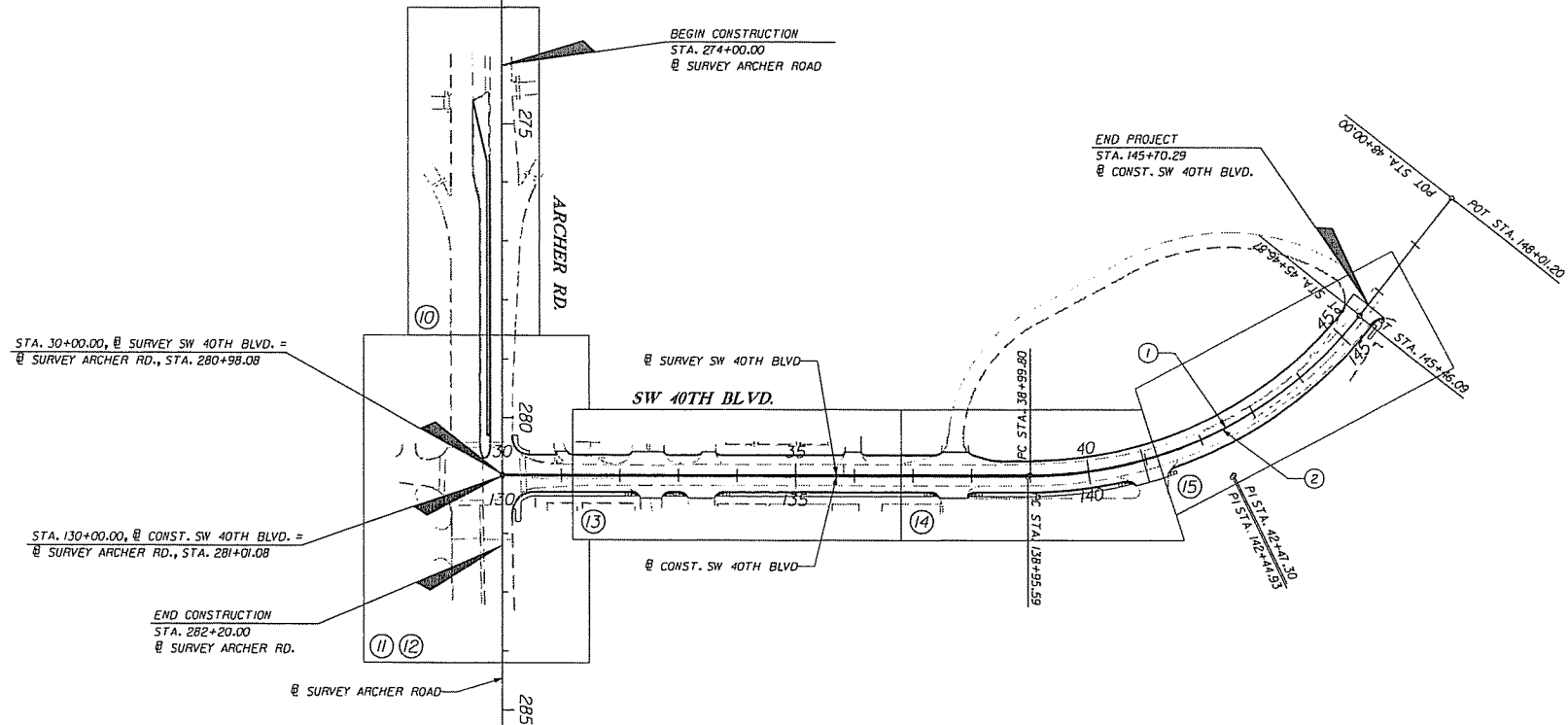
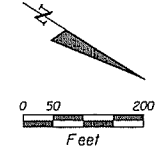
18. THE CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE AT ALL TIMES.
19. ALL SOD MATERIALS SHALL BE SUBJECT TO INSPECTION BY THE COUNTY PRIOR TO PLACEMENT. ANY SOD WITH NOXIOUS WEEDS AND GRASSES, INCLUDING TROPICAL SODA APPLE, SHALL BE REJECTED FOR USE ON THIS PROJECT. THE CONTRACTOR SHALL FURNISH TO THE 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 EXPENSE.
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.



REVISIONS				ENGINEER OF RECORD TERESA SHAW, P.E. LIC. NO. 50096 HNTB 7077 BONNEVAL ROAD, SUITE 600 LIBERTY CENTER JACKSONVILLE, FLORIDA 32216 PHONE: (904) 266-0207 CA NO.: 6800	ALACHUA COUNTY PUBLIC WORKS DEPARTMENT		GENERAL NOTES AND REFERENCE POINTS	SHEET NO. 8
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY		
						ALACHUA		
						211365-0-03		

CURVE NO. ①
 @ SURVEY S.W. 40TH BLVD
 PI STA. = 42+47.30
 DELTA = 51° 45' 54" (LT)
 D = 8" 00' 00"
 T = 347.90
 L = 647.06
 R = 716.20
 PC STA. = 38+99.80
 PT STA. = 45+46.87
 E = 7.65%

CURVE NO. ②
 @ CONST. S.W. 40TH BLVD
 PI STA. = 142+44.93
 DELTA = 51° 45' 54" (LT)
 D = 7" 57' 28"
 T = 349.34
 L = 650.50
 R = 720.00
 PC STA. = 138+95.59
 PT STA. = 145+46.09
 E = RC



LEGEND
 (Ⓢ) REPRESENTS PLAN SHEET NO.

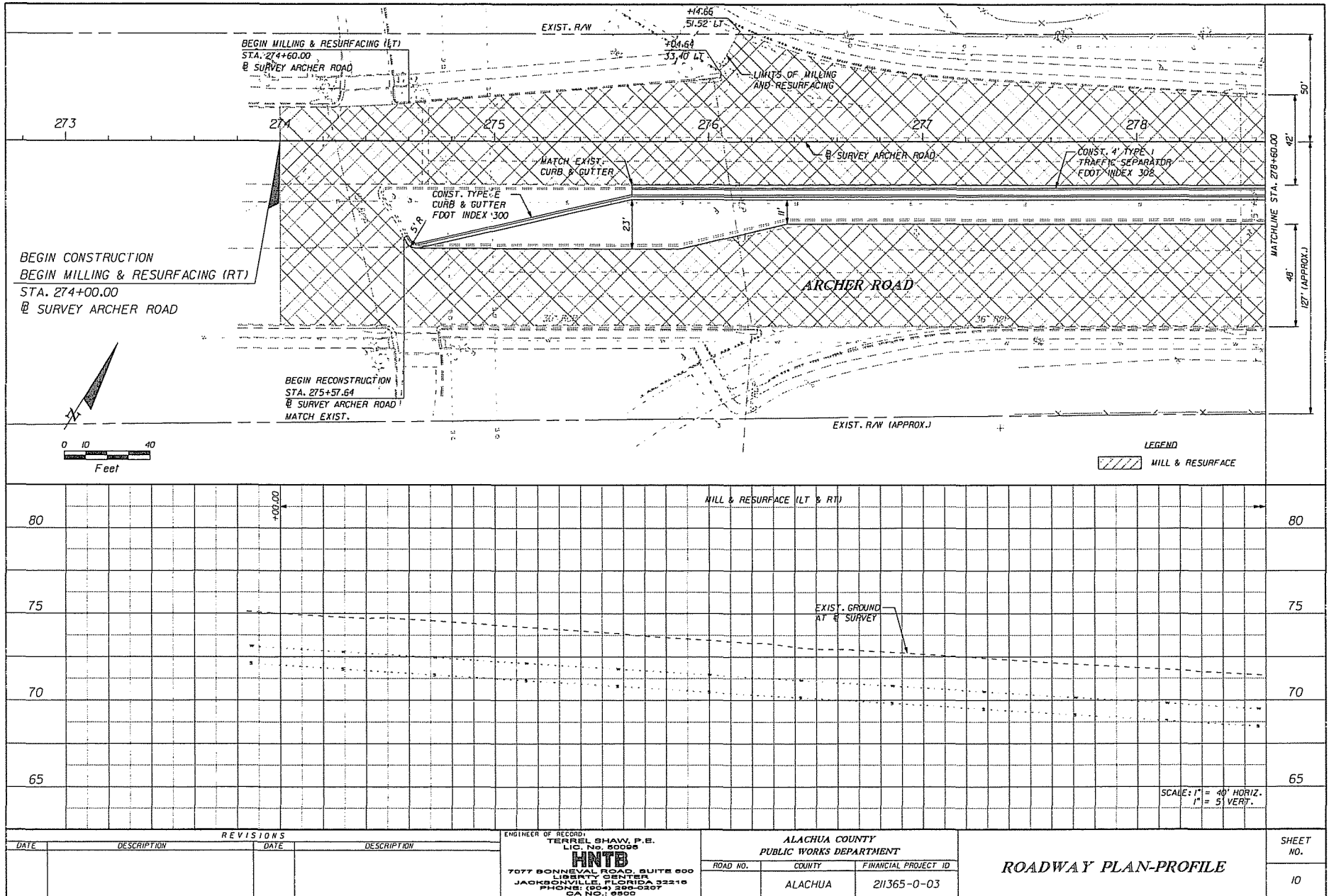
REVISIONS				ENGINEER OF RECORD TERREL SHAW, P.E. LIC. No. 53008 HNTB 7077 BONNEVAL ROAD, SUITE 600 LIBERTY CENTER JACKSONVILLE, FLORIDA 32216 PHONE: (904) 265-0207 CA NO.: 9550	ALACHUA COUNTY PUBLIC WORKS DEPARTMENT		PROJECT LAYOUT	SHEET NO. 9
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY		
						ALACHUA		
					FINANCIAL PROJECT ID 211365-0-03			

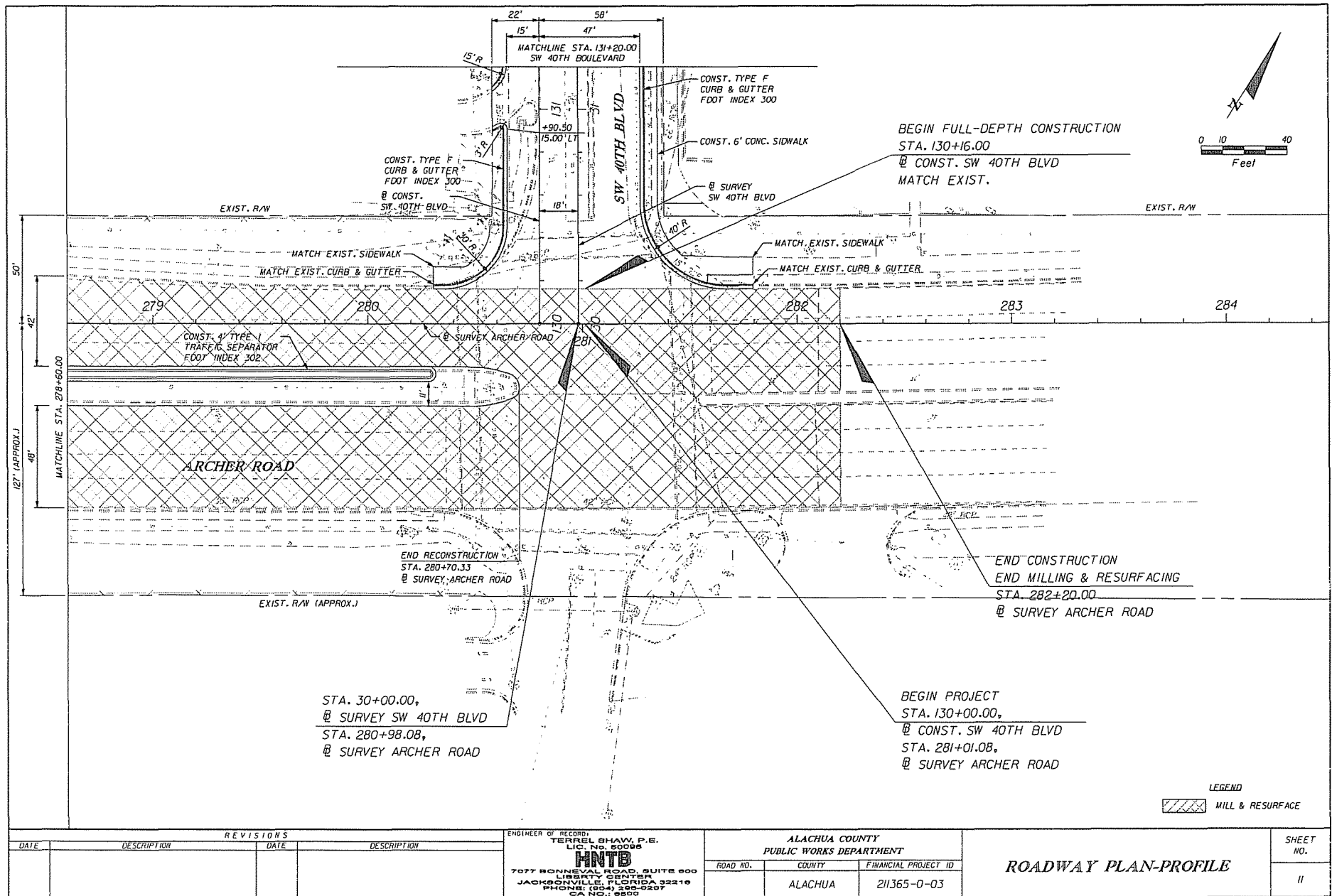
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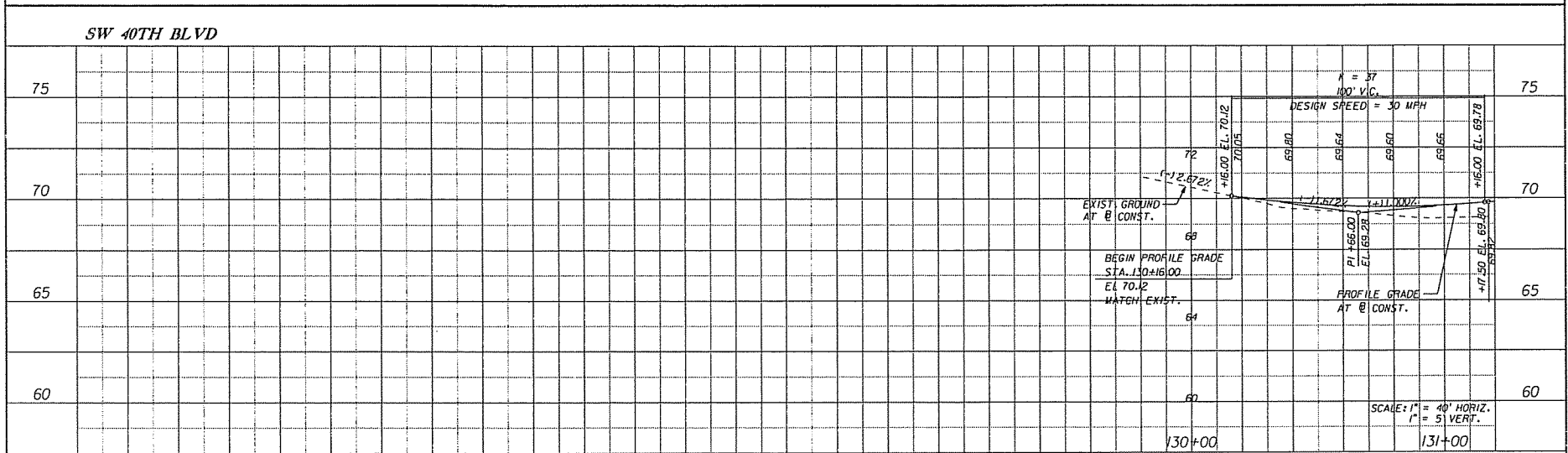
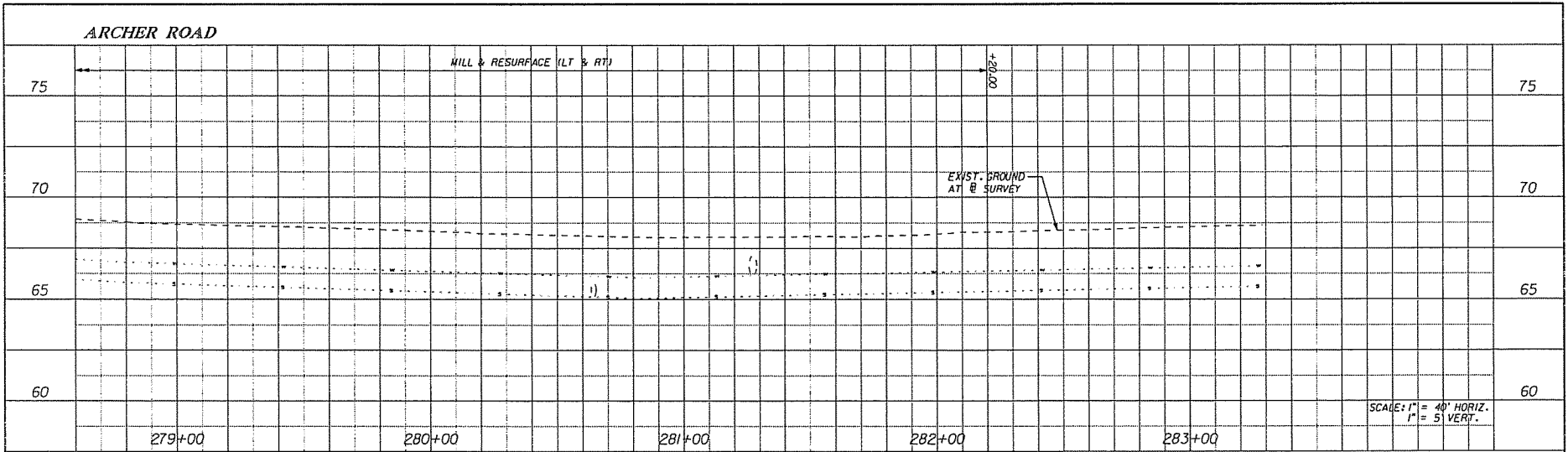
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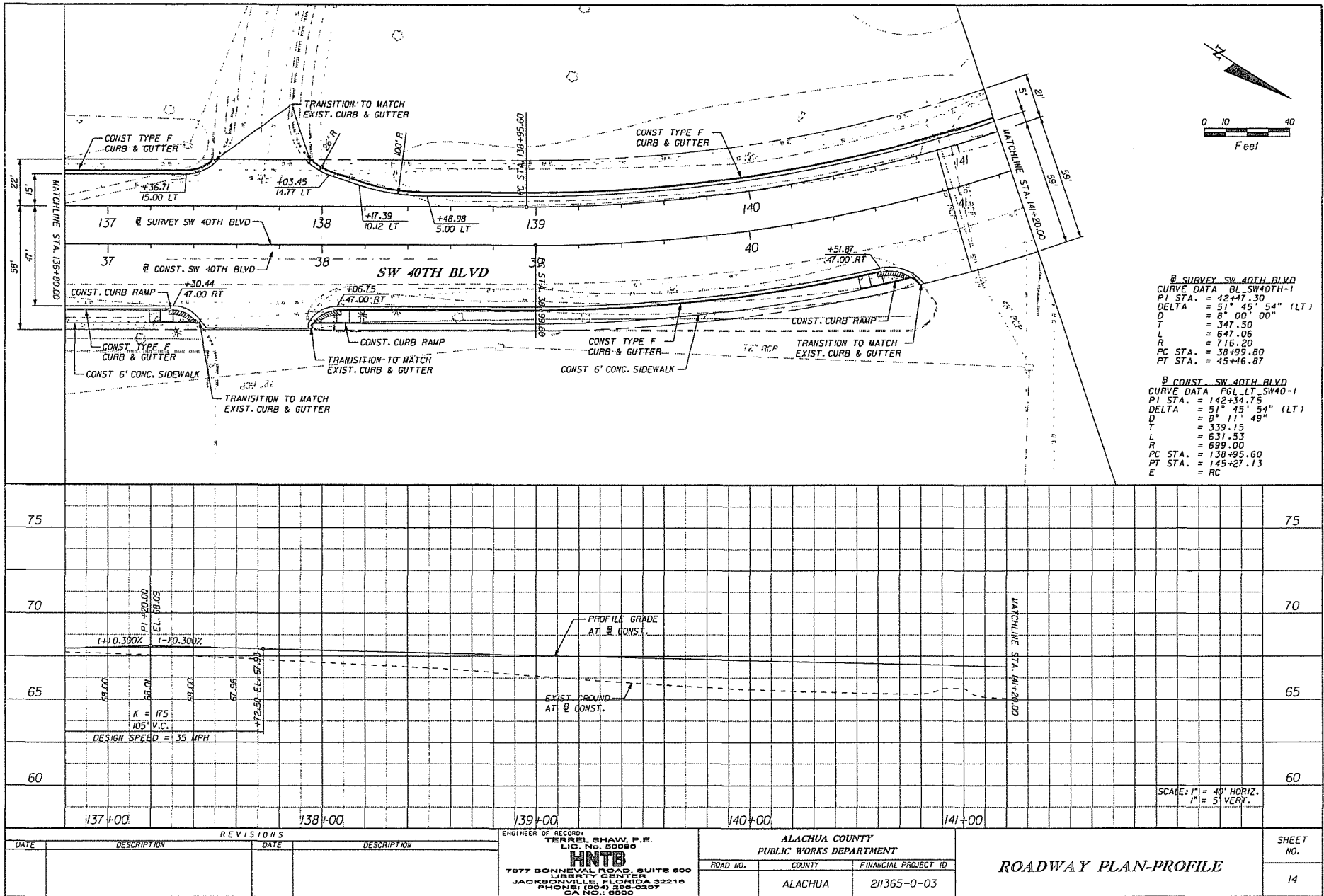
REVISIONS				ENGINEER OF RECORD TERREL SHAW, P.E. LIC. No. 50096 HNTB 7077 BONNEVAL ROAD, SUITE 600 LIBERTY CENTER JACKSONVILLE, FLORIDA 32216 PHONE: (904) 226-0207 CA NO.: 9800	ALACHUA COUNTY PUBLIC WORKS DEPARTMENT		ROADWAY PLAN-PROFILE	SHEET NO. 12
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						ALACHUA	211365-0-03	

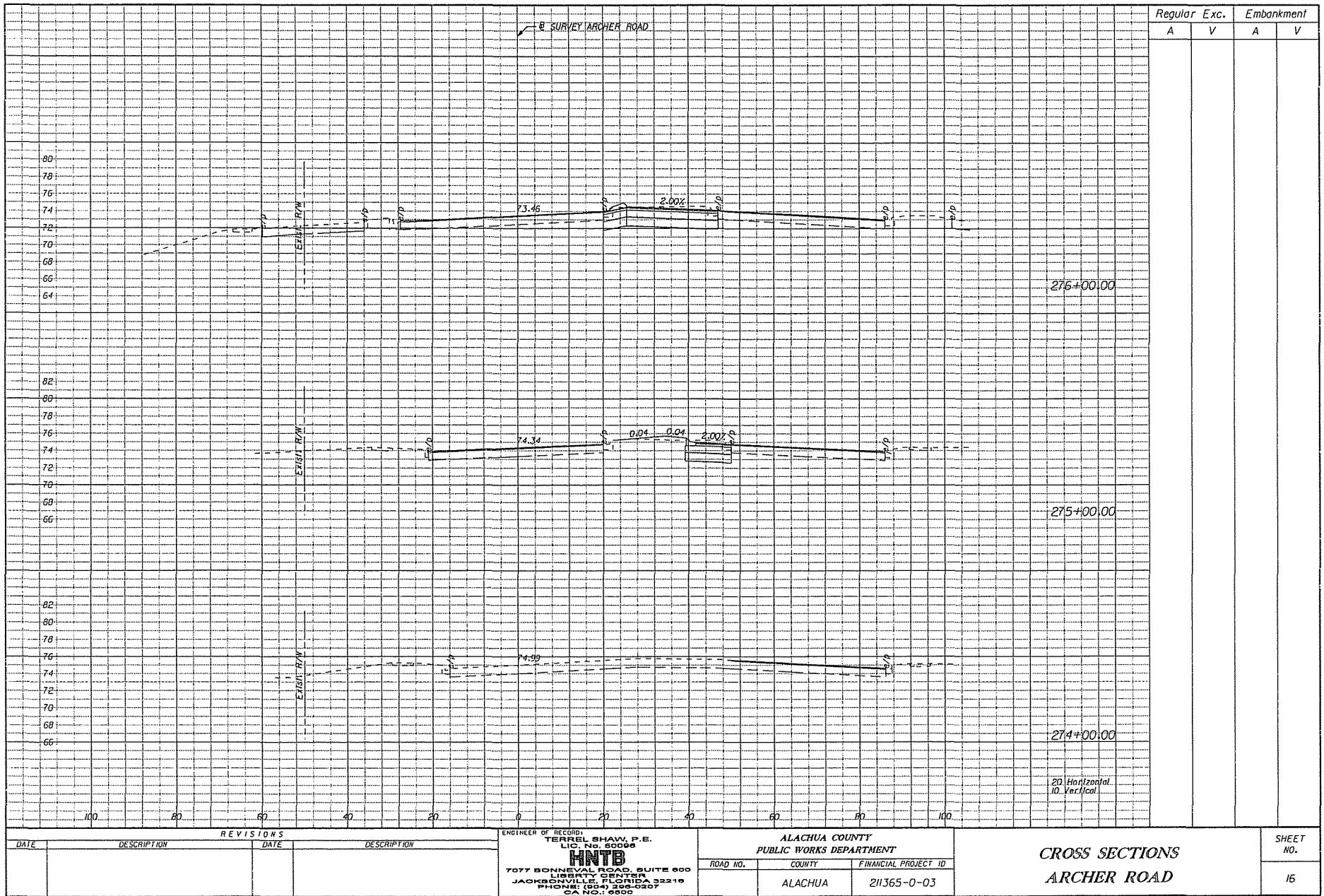
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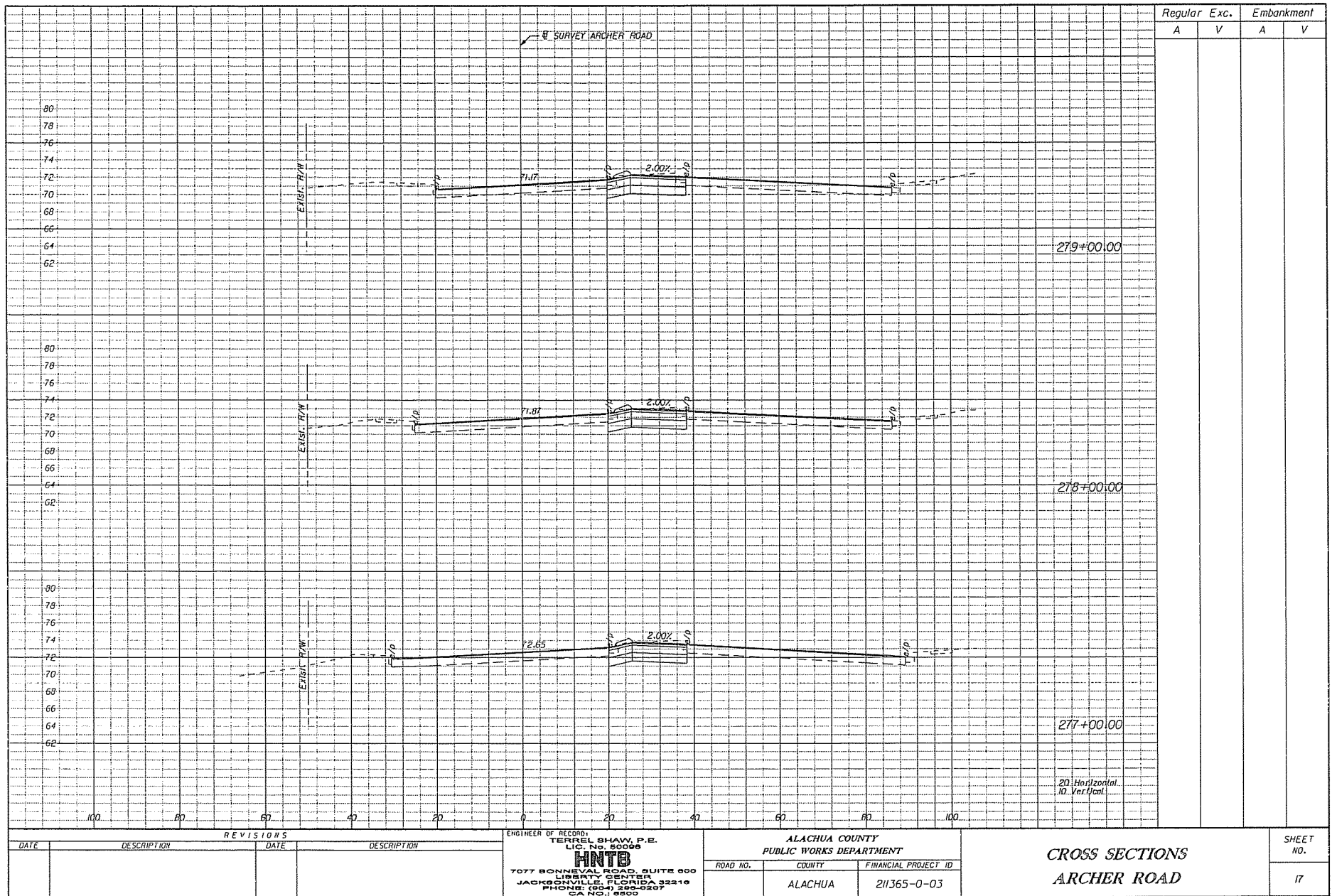
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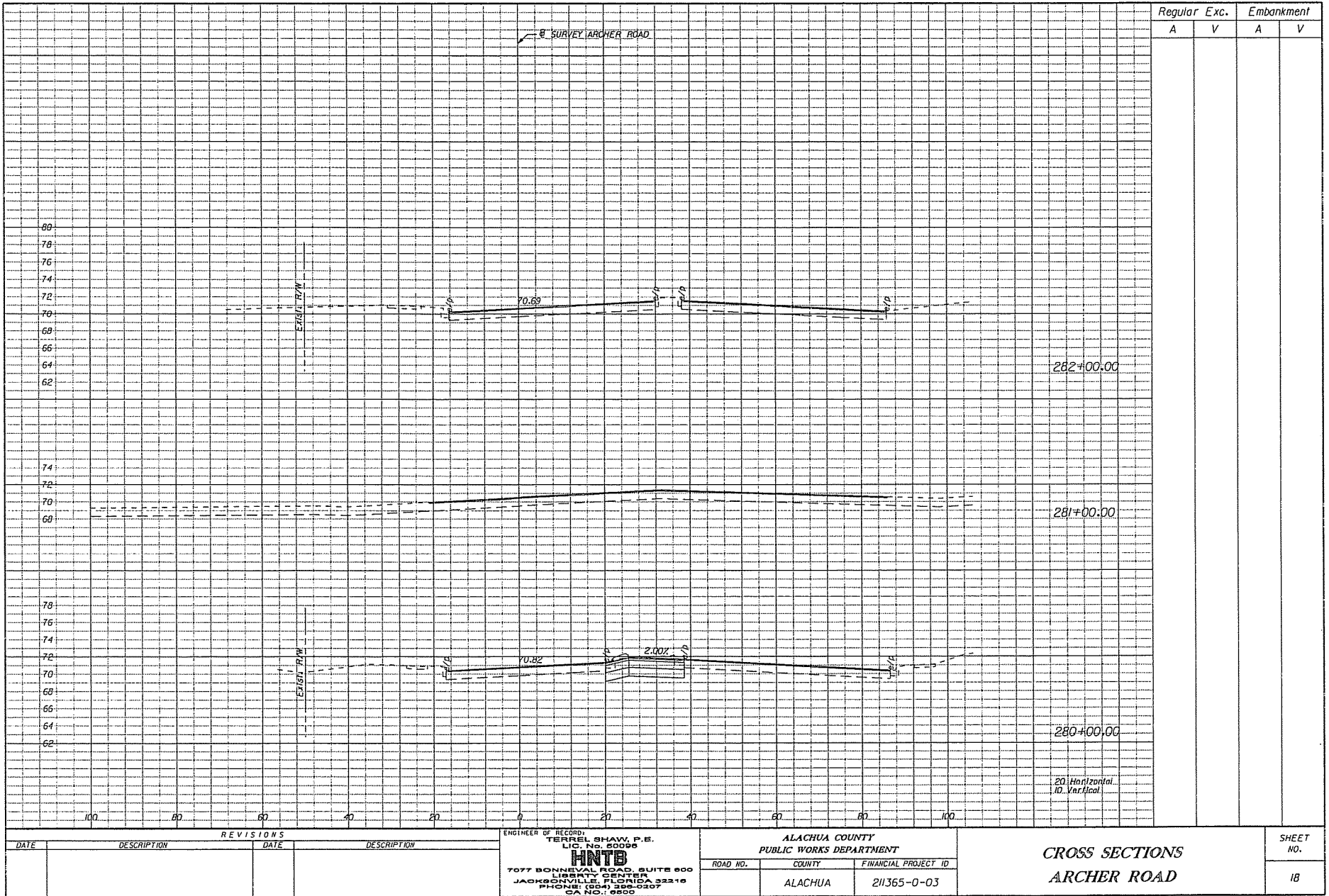
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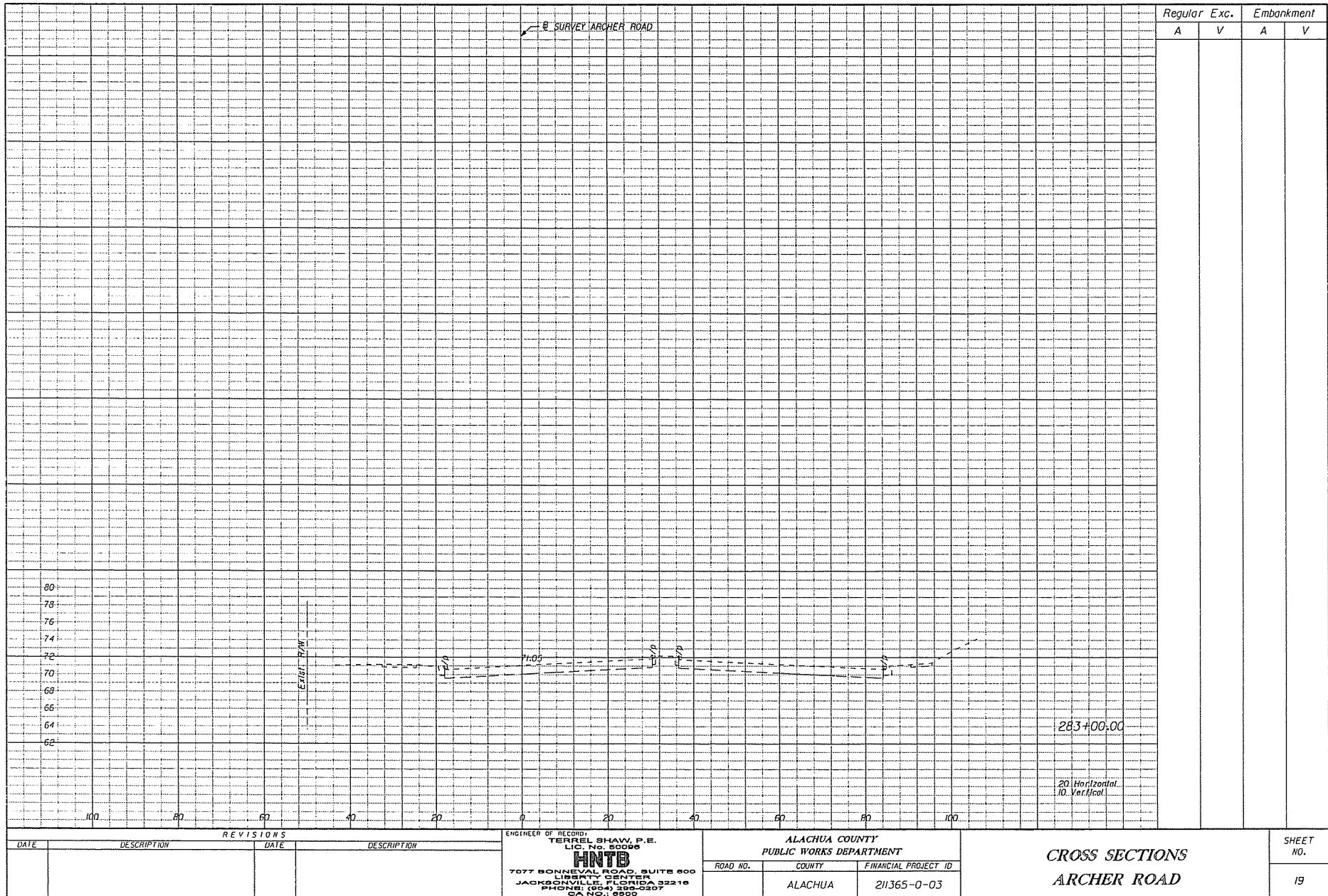
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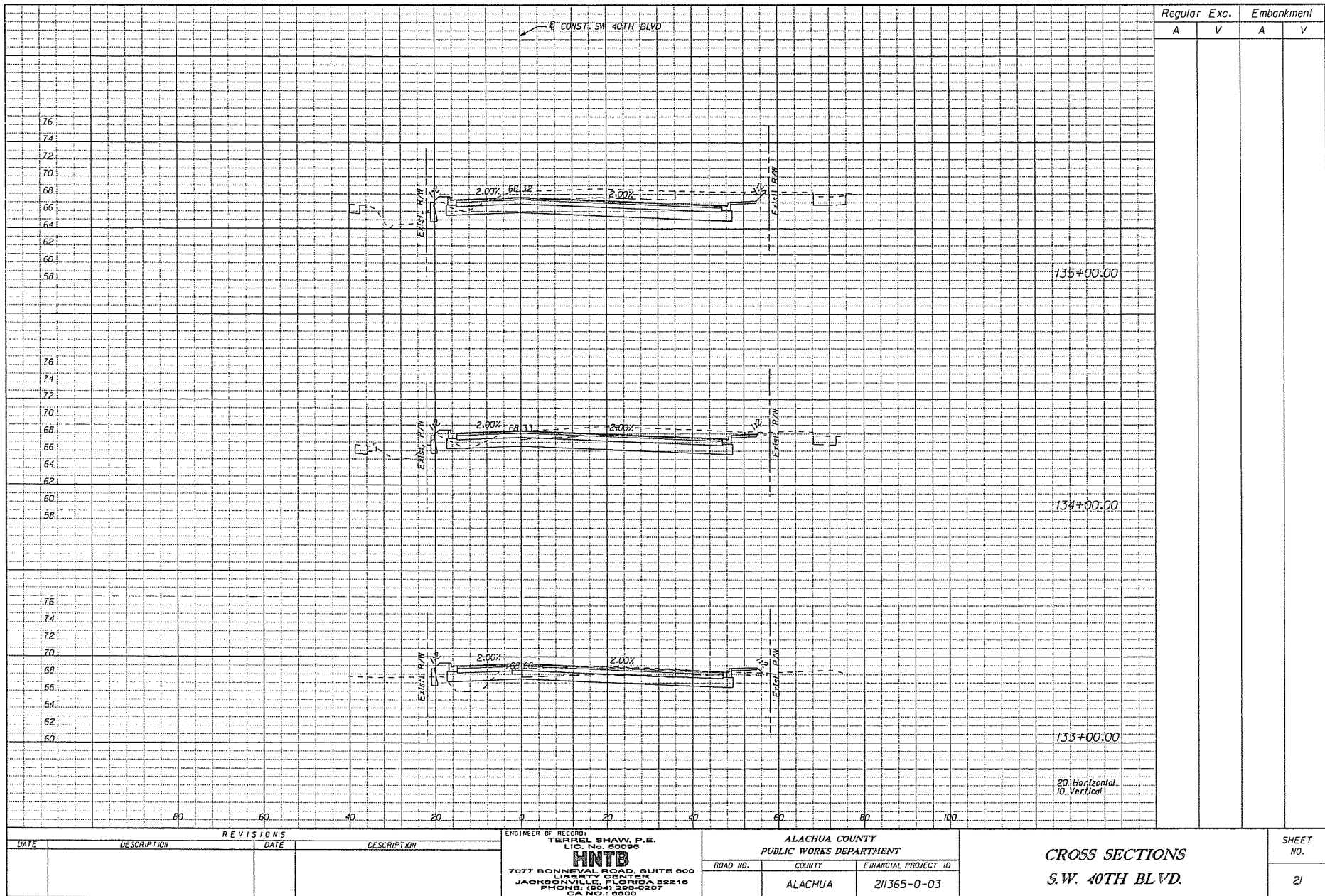






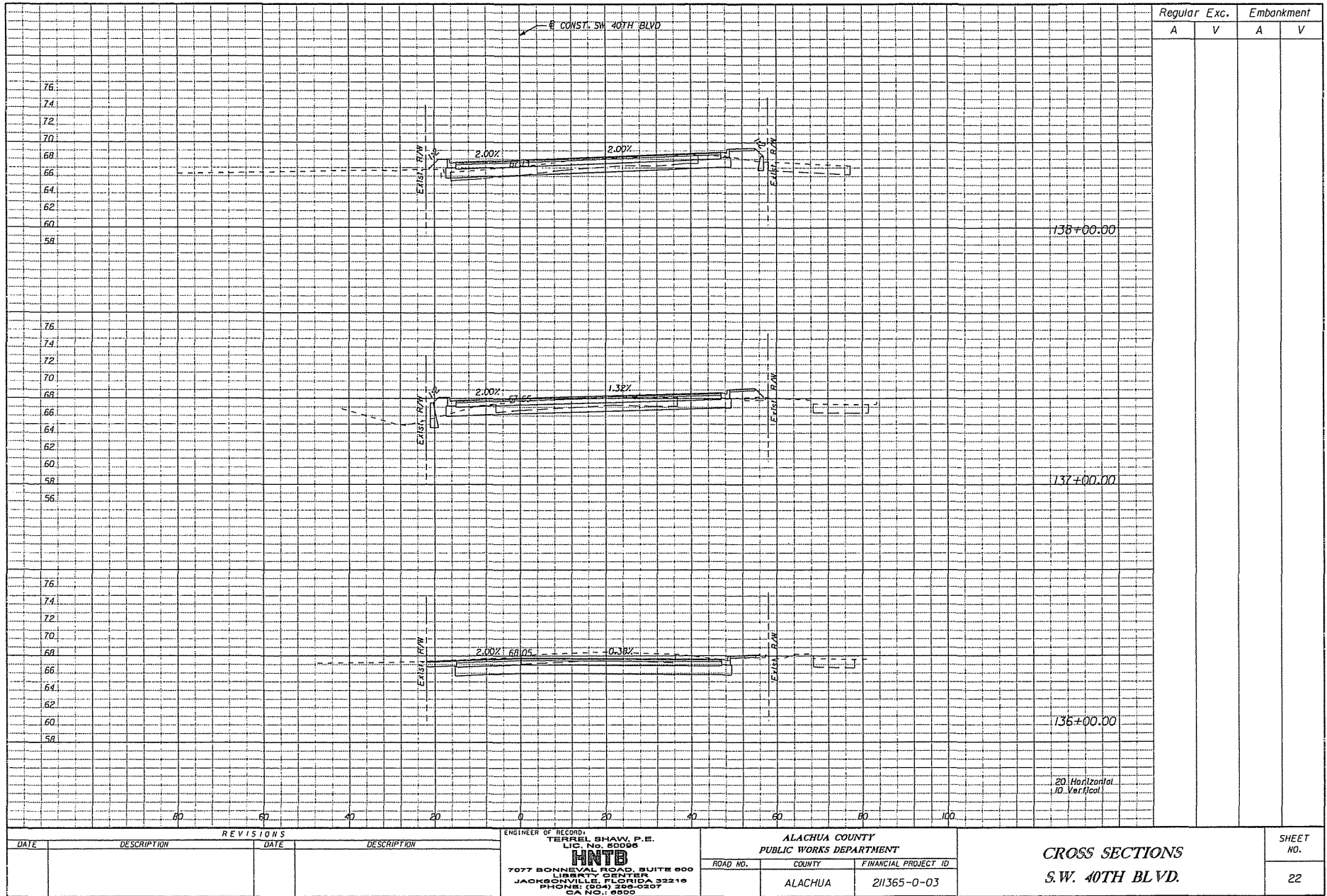


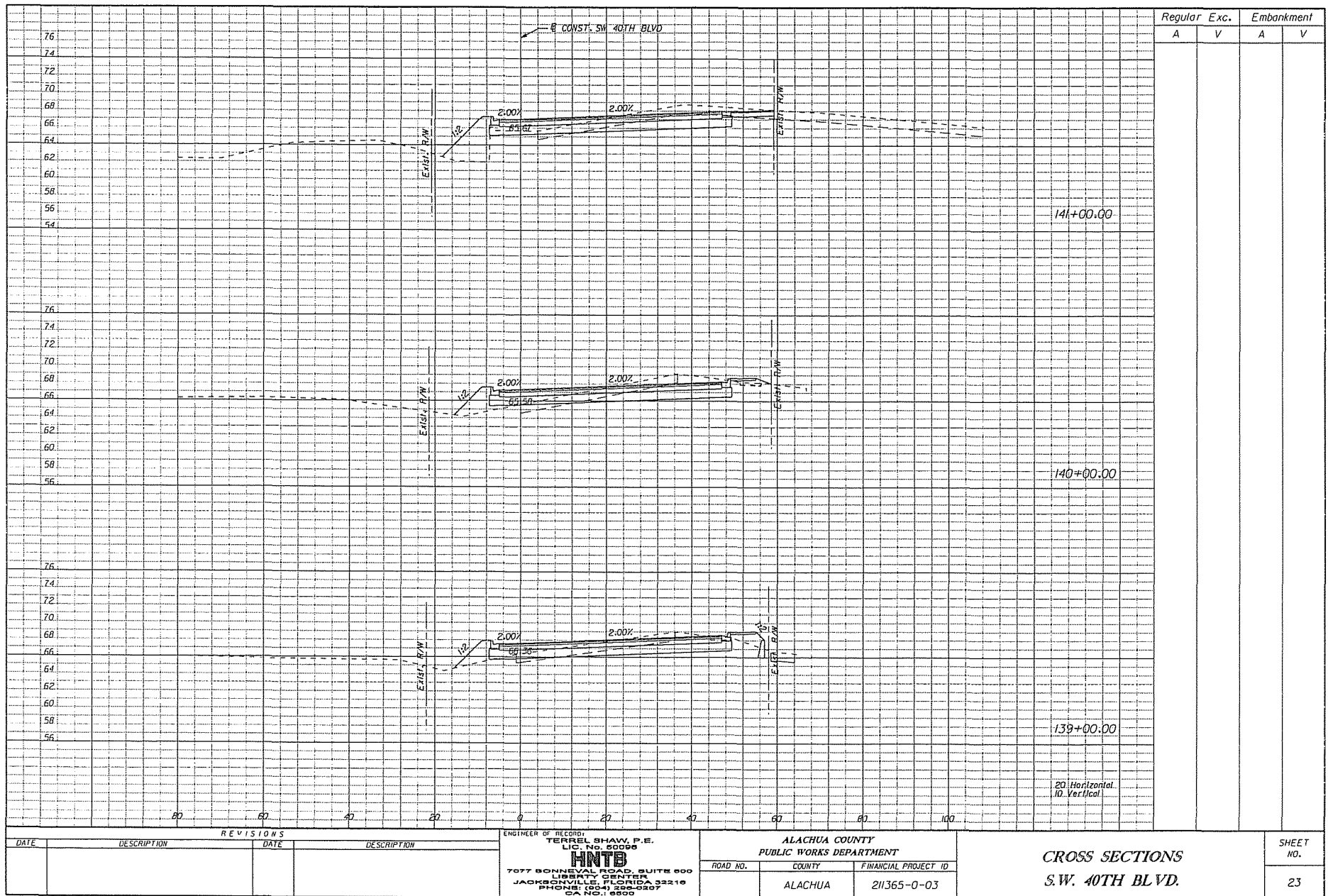


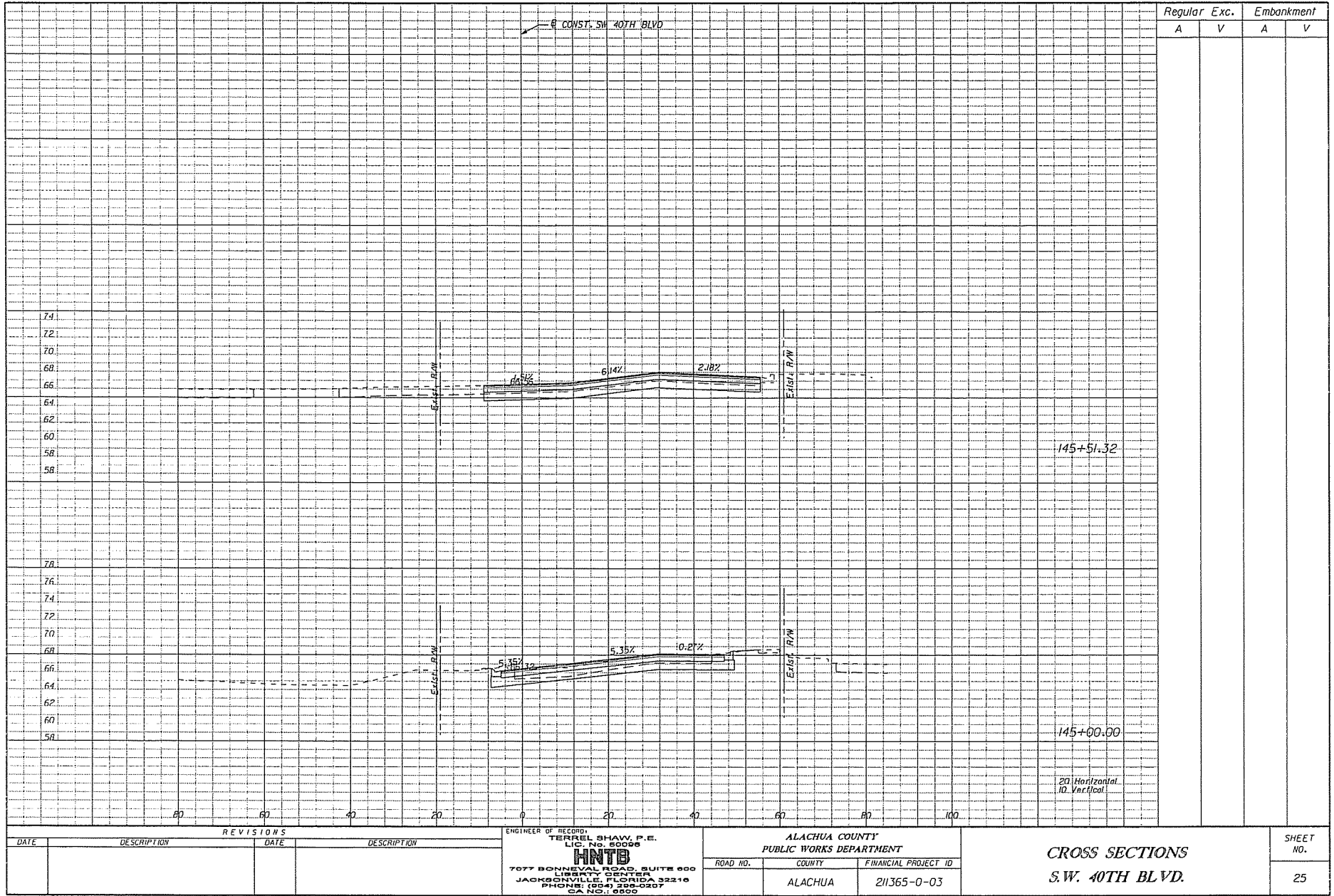


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TRAFFIC CONTROL NOTES:

1. 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 LIMITS ARE 45 MPH FOR ARCHER ROAD AND 40 MPH FOR S.W. 40TH BLVD. NOT 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. FOR ARCHER ROAD ONLY, ALL LANES CLOSURES MUST ALSO BE REPORTED TO THE DISTRICT TWO INFORMATION OFFICER AT (386)-758-3714, AND THE DISTRICT CONSTRUCTION PUBLIC INFORMATION OFFICIER (904) 360-5457.
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 NOT 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.
11. 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. PCN'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 1A

- S.W. 40TH BLVD
1. ERECT ADVANCE SIGNING, STRIPING AND TRAFFIC CONTROL DEVICES AS SHOWN ON SHEET NO. 28 AND IN ACCORDANCE WITH FDOT INDEX NO. 612, FDOT INDEX NO. 613 AND FDOT INDEX NO. 617 (OTHER INDEXES AS MAY APPLY).
 2. ERECT DETOUR SIGNING AS SHOWN IN THE TCP PLANS AND IN ACCORDANCE WITH THE MUTCD.
 3. CONSTRUCT ROADWAY WITHIN THE WORKZONE SHOWN IN THE TCP PLANS.

PHASE 1B

- S.W. 40TH BLVD
1. REMOVE DETOUR FROM PHASE 1A
 2. SHIFT TRAFFIC TO THE EAST ON S.W. 40TH BLVD AND COMPLETE THE ROADWAY CONSTRUCTION OF THE WEST SIDE OF S.W. 40TH BLVD AS SHOWN IN THE TCP PLANS.

PHASE 1C

- S.W. 40TH BLVD
1. PLACE TRAFFIC ON THE NEWLY CONSTRUCTED WEST SIDE OF S.W. 40TH BLVD AND COMPLETE THE CONSTRUCTION OF THE WEST SIDE OF S.W. 40TH BLVD AS SHOWN IN THE TCP PLANS.

PHASE 2A

- ARCHER ROAD
1. PERFORM LANE CLOSURES TO ARCHER ROAD WEST OF THE INTERSECTION WITH S.W. 40TH BLVD.
 2. CONSTRUCT THE MEDIAN PORTION OF ARCHER ROAD AS SHOWN IN THE TCP PLANS.

PHASE 2B

- ARCHER ROAD
1. ERECT ADVANCE SIGNING AND TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH FDOT INDEX NO. 603 AND FDOT INDEX NO. 604.
 2. MILL & RESURFACE ARCHER ROAD.

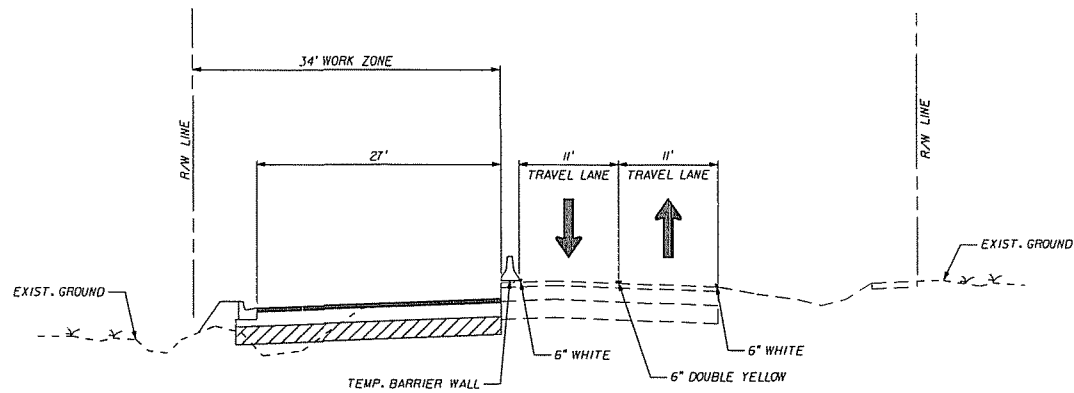
PHASE 3

1. APPLY FINAL LAYER OF FRICTION COURSE, PAVEMENT MARKINGS AND RPM'S.
2. REMOVE ALL TRAFFIC CONTROL DEVICES

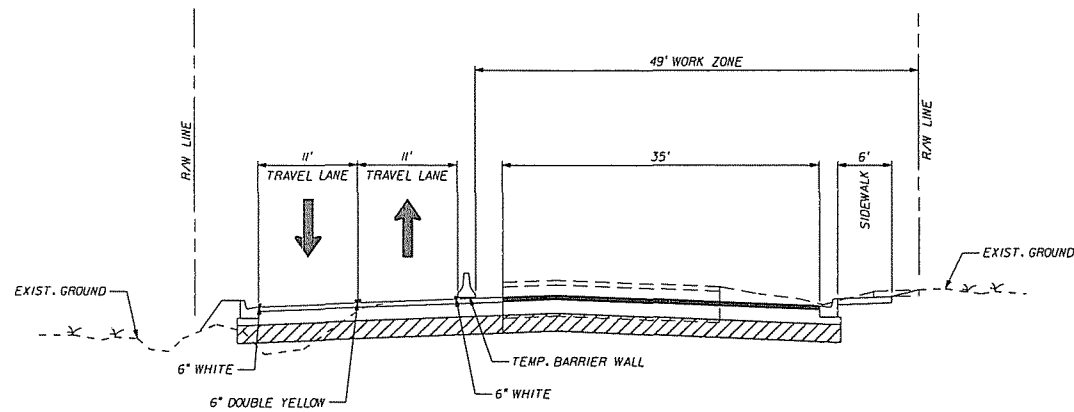
REVISIONS				ENGINEER OF RECORD TERRELL SHAW, P.E. LIC. NO. 50095 HNTB 7077 BONNEVAL ROAD, SUITE 600 LIBERTY CENTER JACKSONVILLE, FLORIDA 32216 PHONE: (904) 299-0207 FAX NO.: 9550	ALACHUA COUNTY PUBLIC WORKS DEPARTMENT			TRAFFIC CONTROL PLAN GENERAL NOTES	SHEET NO. 26
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ALACHUA	211365-0-03		

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CONSTRUCTION PHASE IB
S.W. 40TH BLVD
STA. 130+15.00 TO STA. 137+92.29



CONSTRUCTION PHASE IC
S.W. 40TH BLVD
STA. 130+15.00 TO STA. 137+92.29

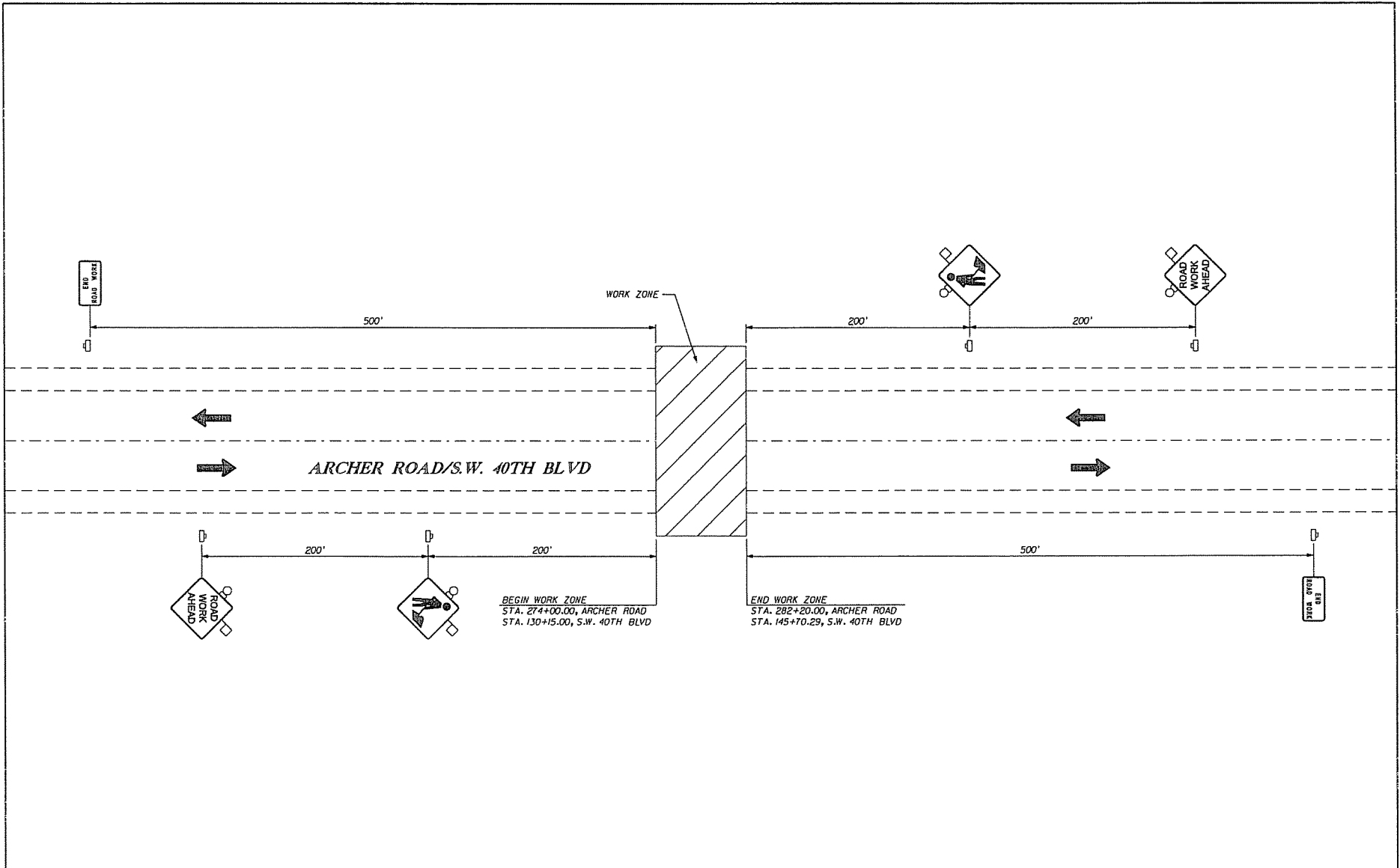
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY		
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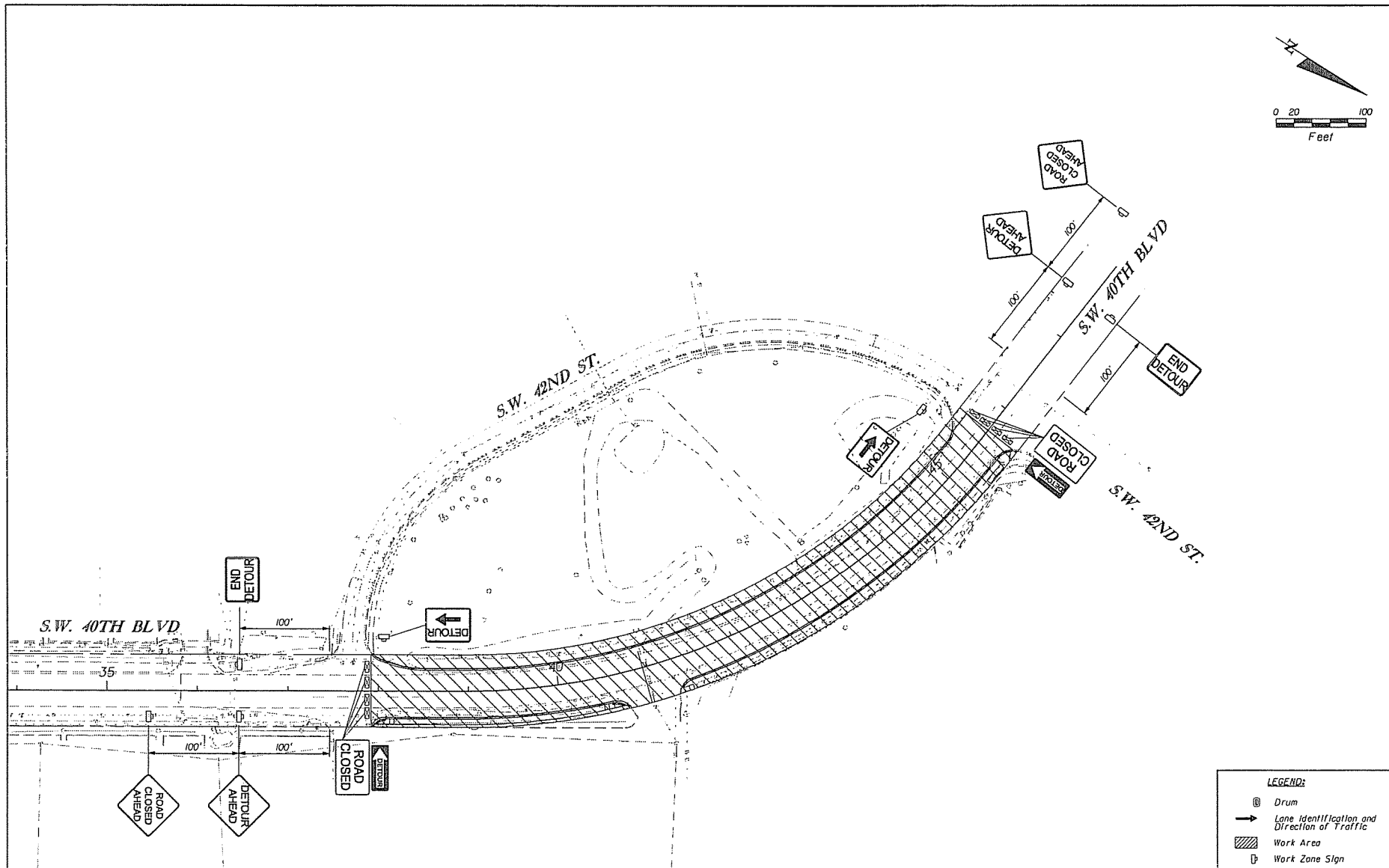
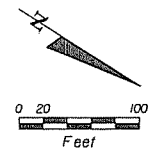
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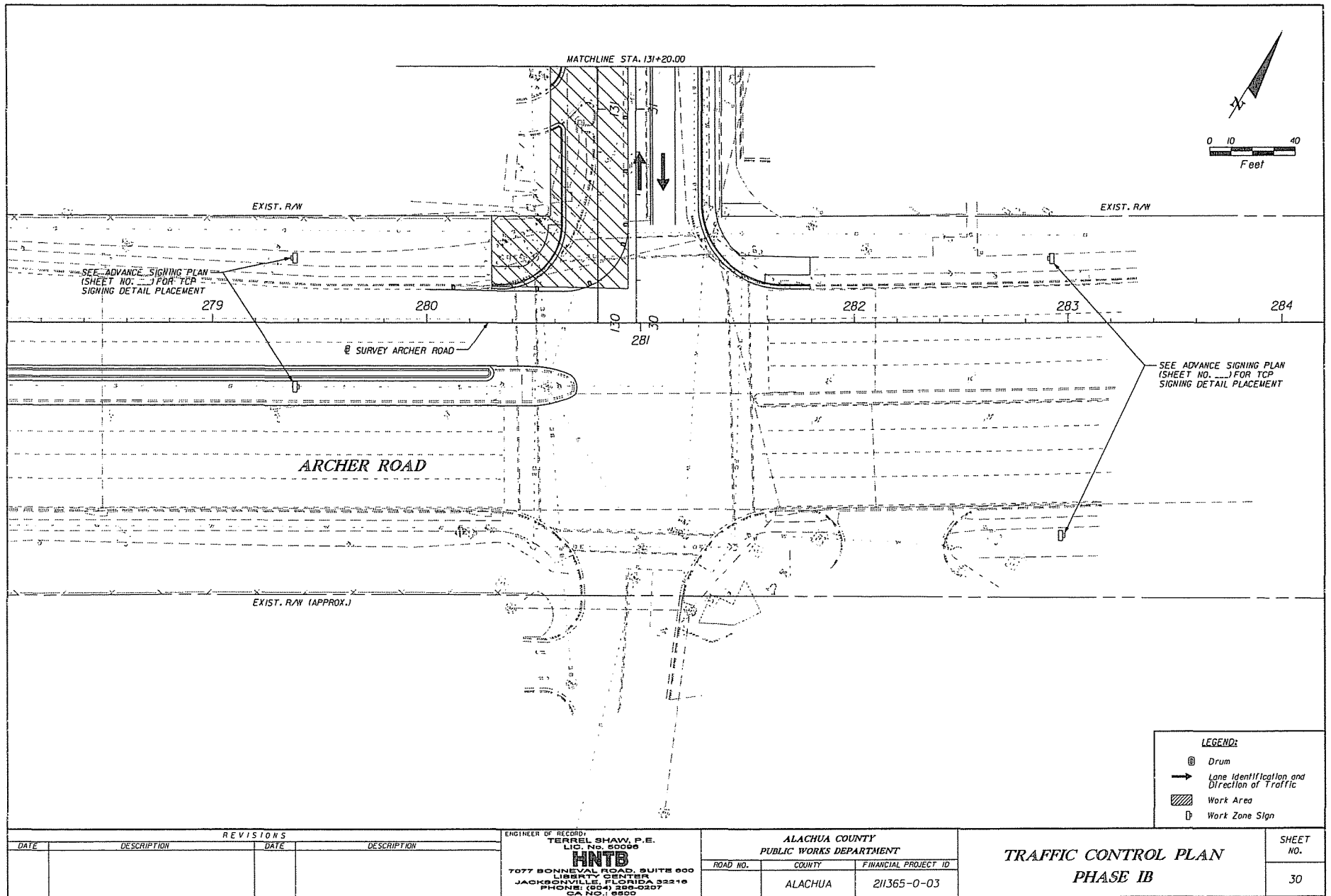
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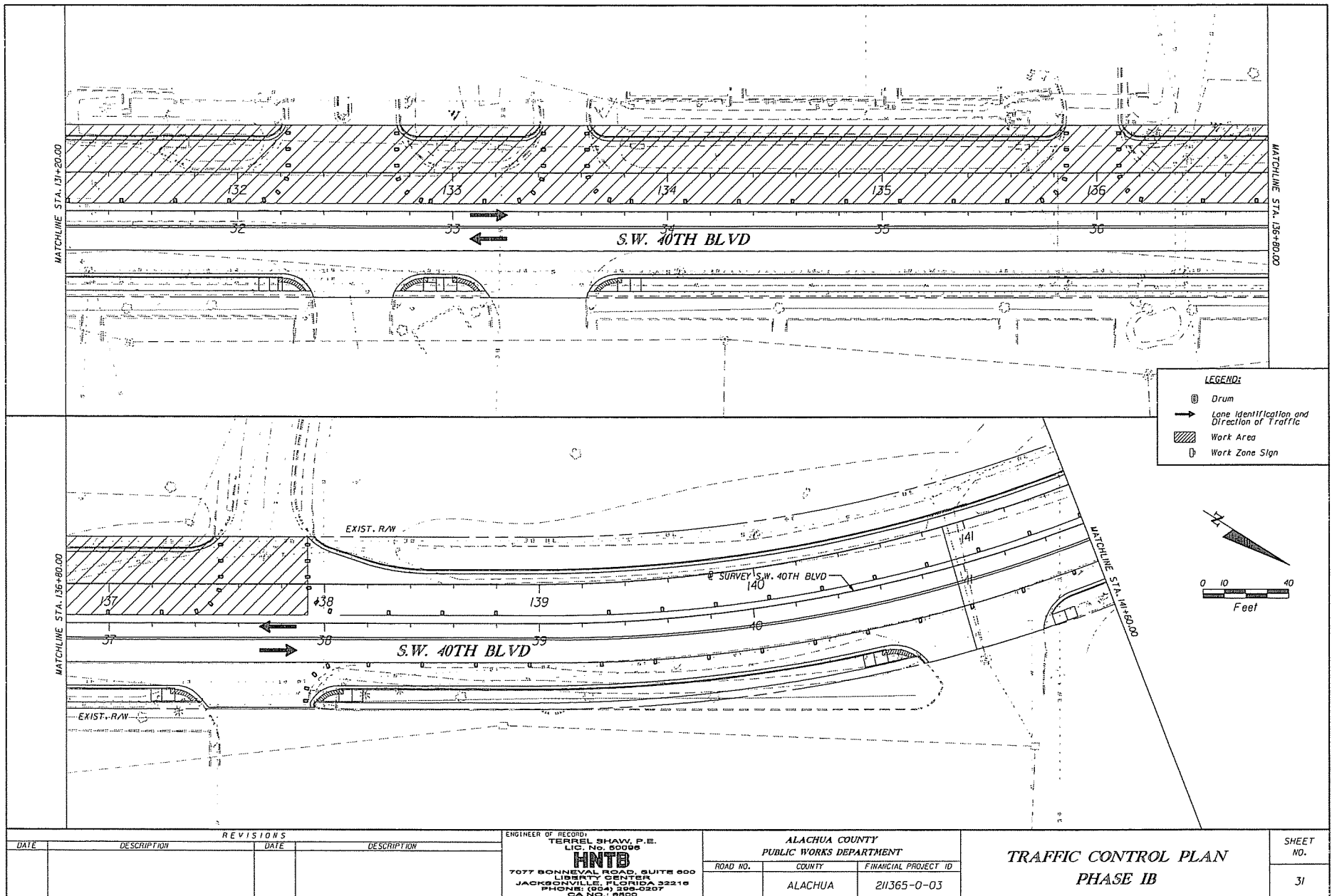
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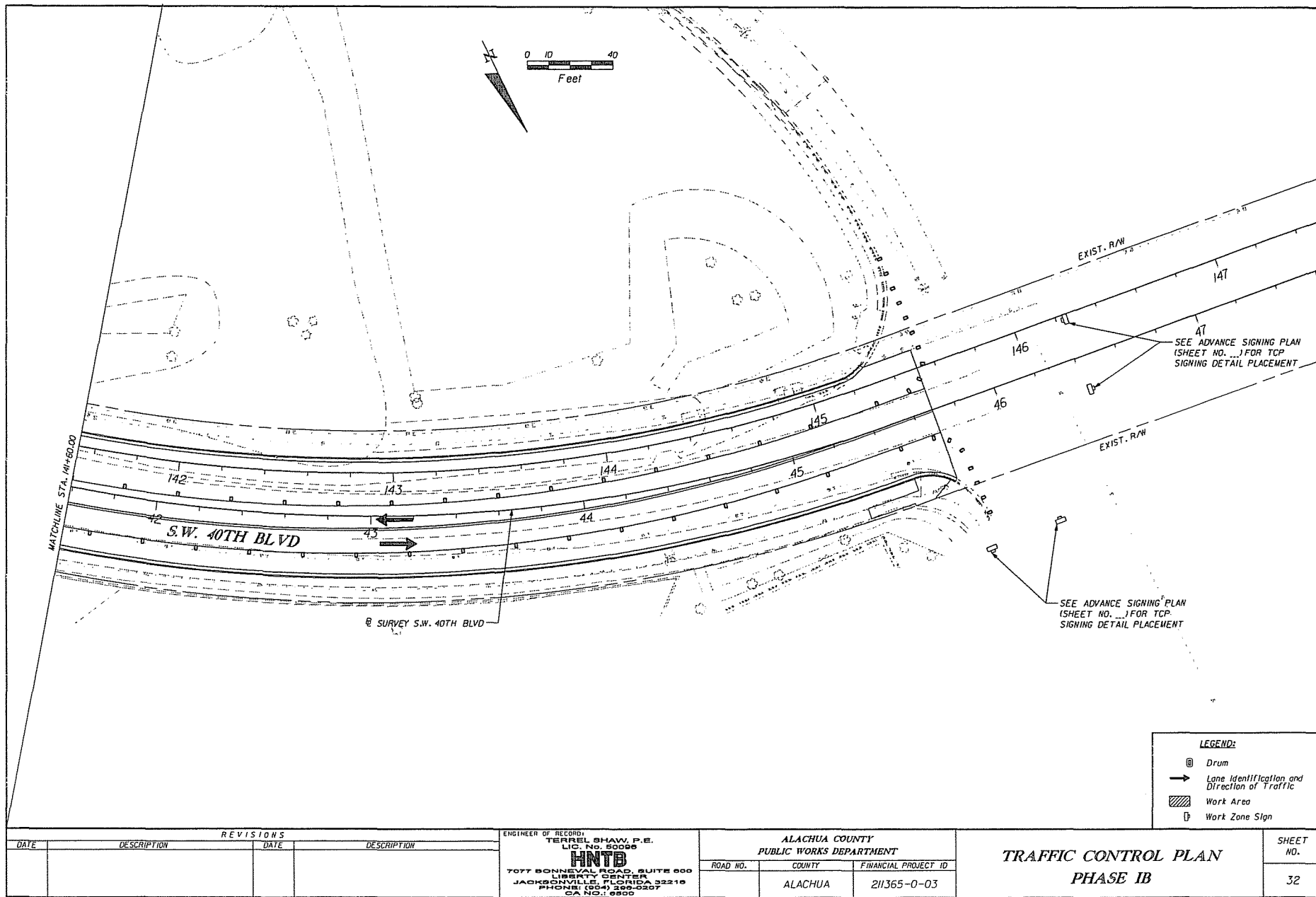
ENGINEER OF RECORD:
TERREL SHAW, P.E.
 L.I.C. No. 50096
HNTB
 7077 BONNEVAL ROAD, SUITE 600
 LIBERTY CENTER
 JACKSONVILLE, FLORIDA 32216
 PHONE: (904) 208-0207
 FAX: (904) 208-0207

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

**TRAFFIC CONTROL PLAN
PHASE IB**

SHEET NO.
30





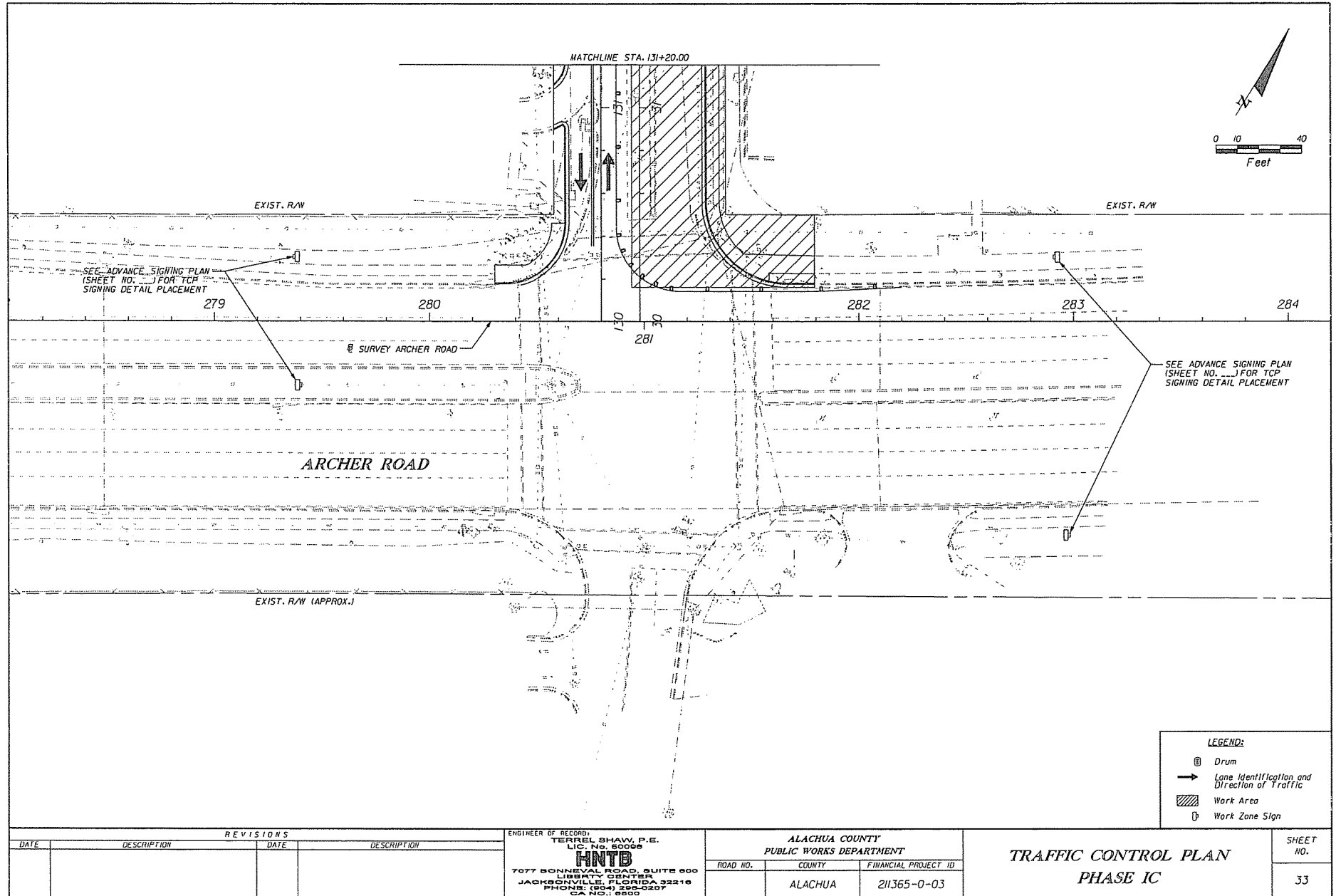
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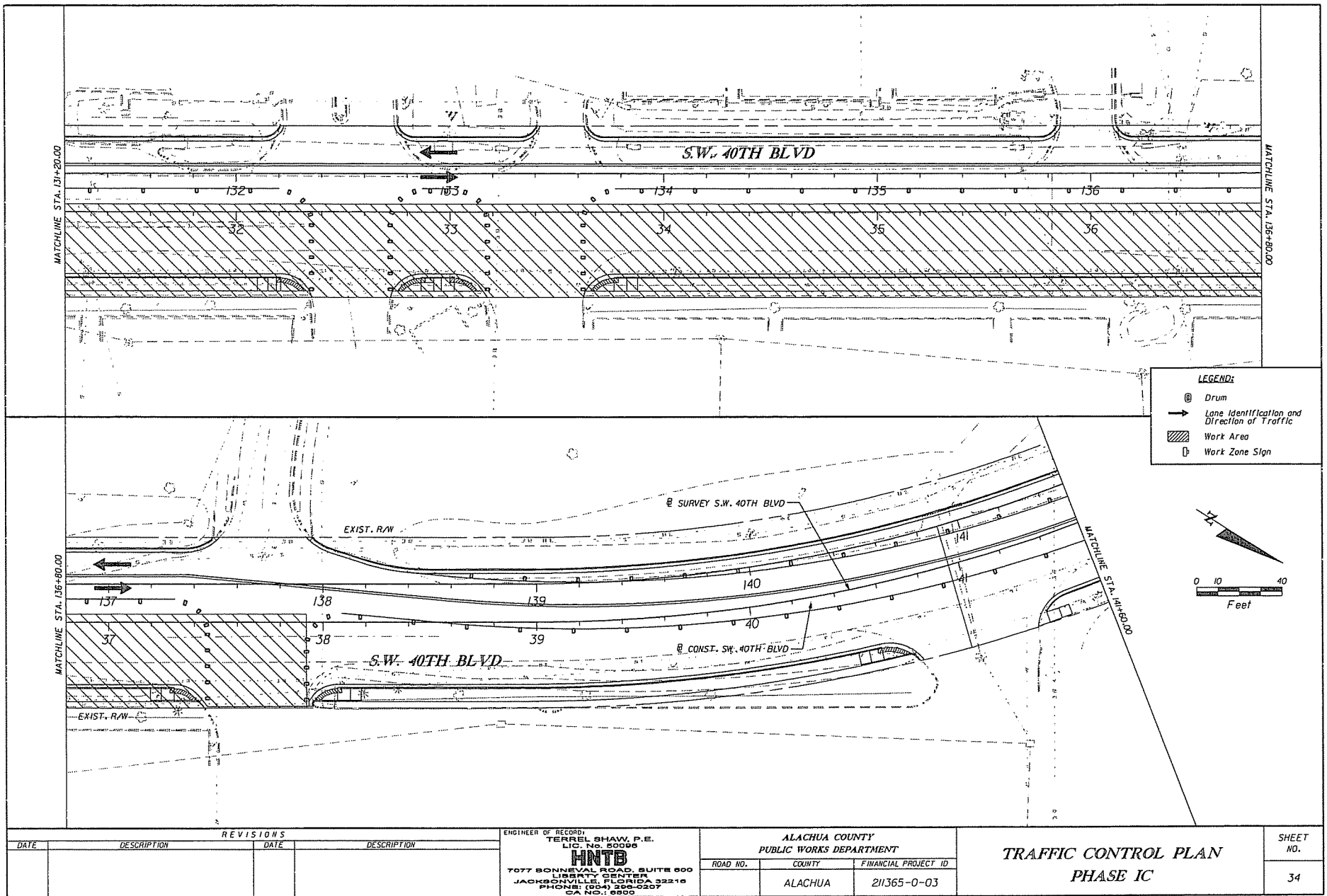
ENGINEER OF RECORD:
TERREL SHAW, P.E.
 LIC. No. 50095
HNTB
 7077 BONNEVAL ROAD, SUITE 600
 LIBERTY CENTER
 JACKSONVILLE, FLORIDA 32216
 PHONE: (904) 298-0207
 FAX: (904) 298-0207

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

**TRAFFIC CONTROL PLAN
 PHASE IB**

SHEET NO.
32





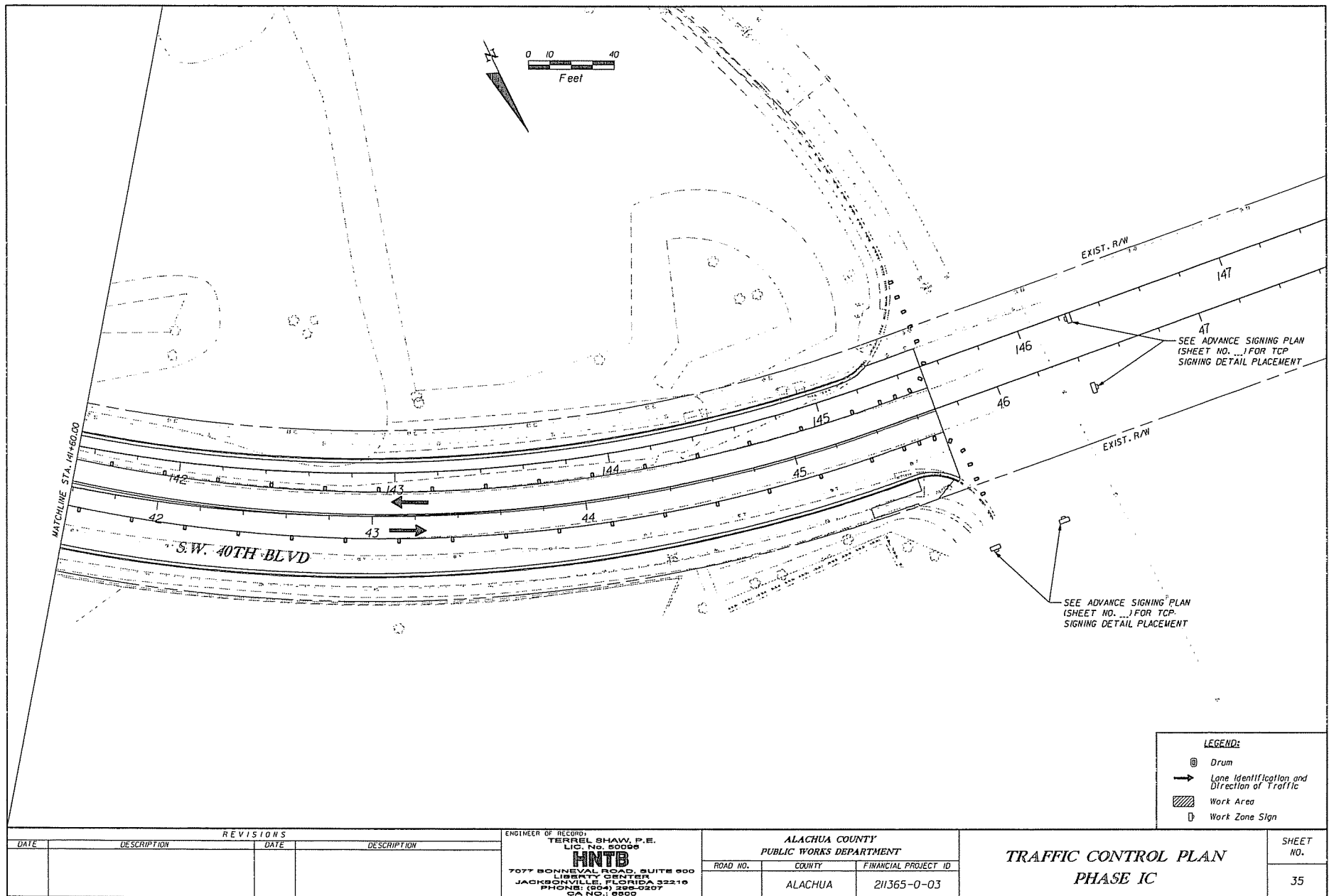
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY		
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						211365-0-03		

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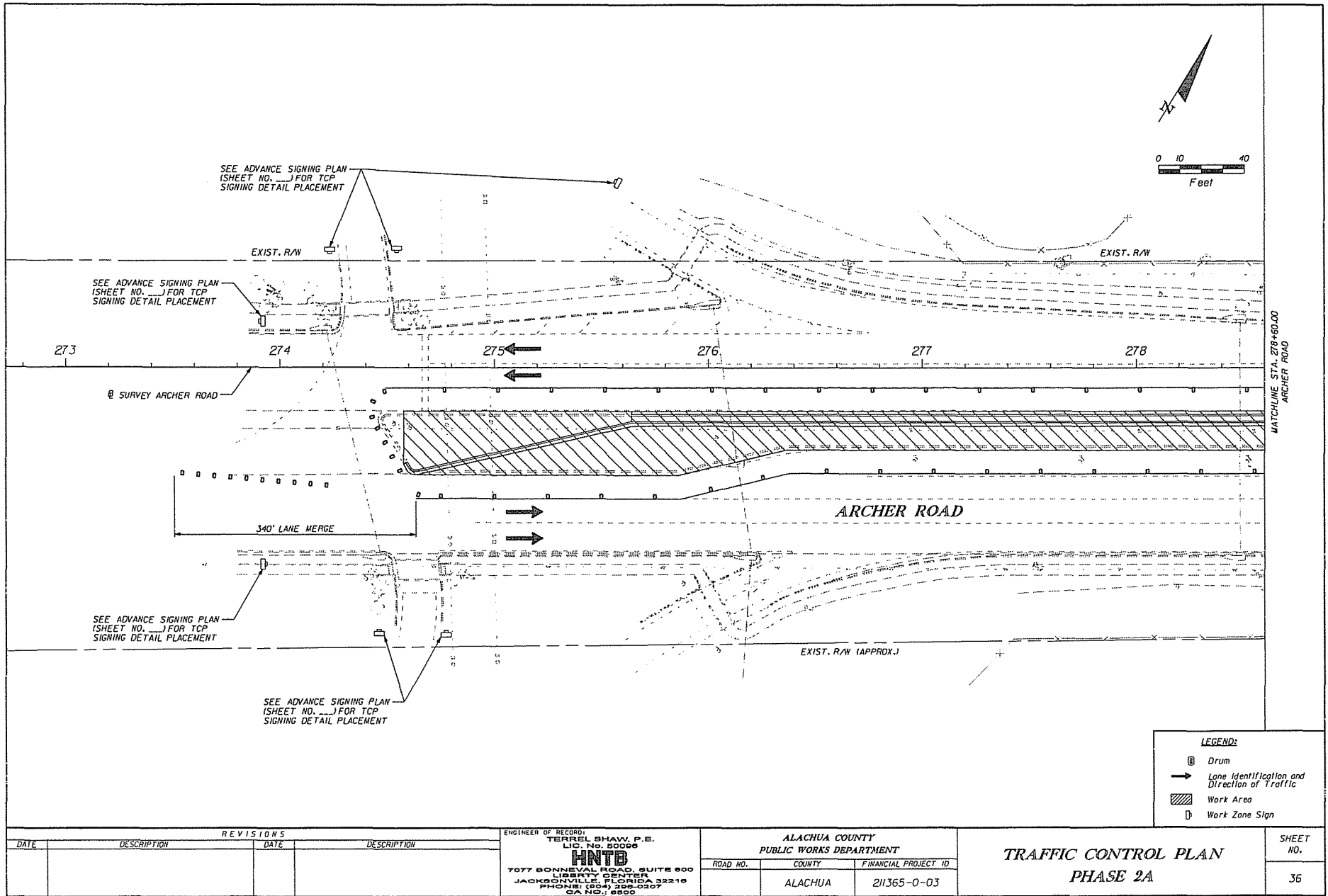
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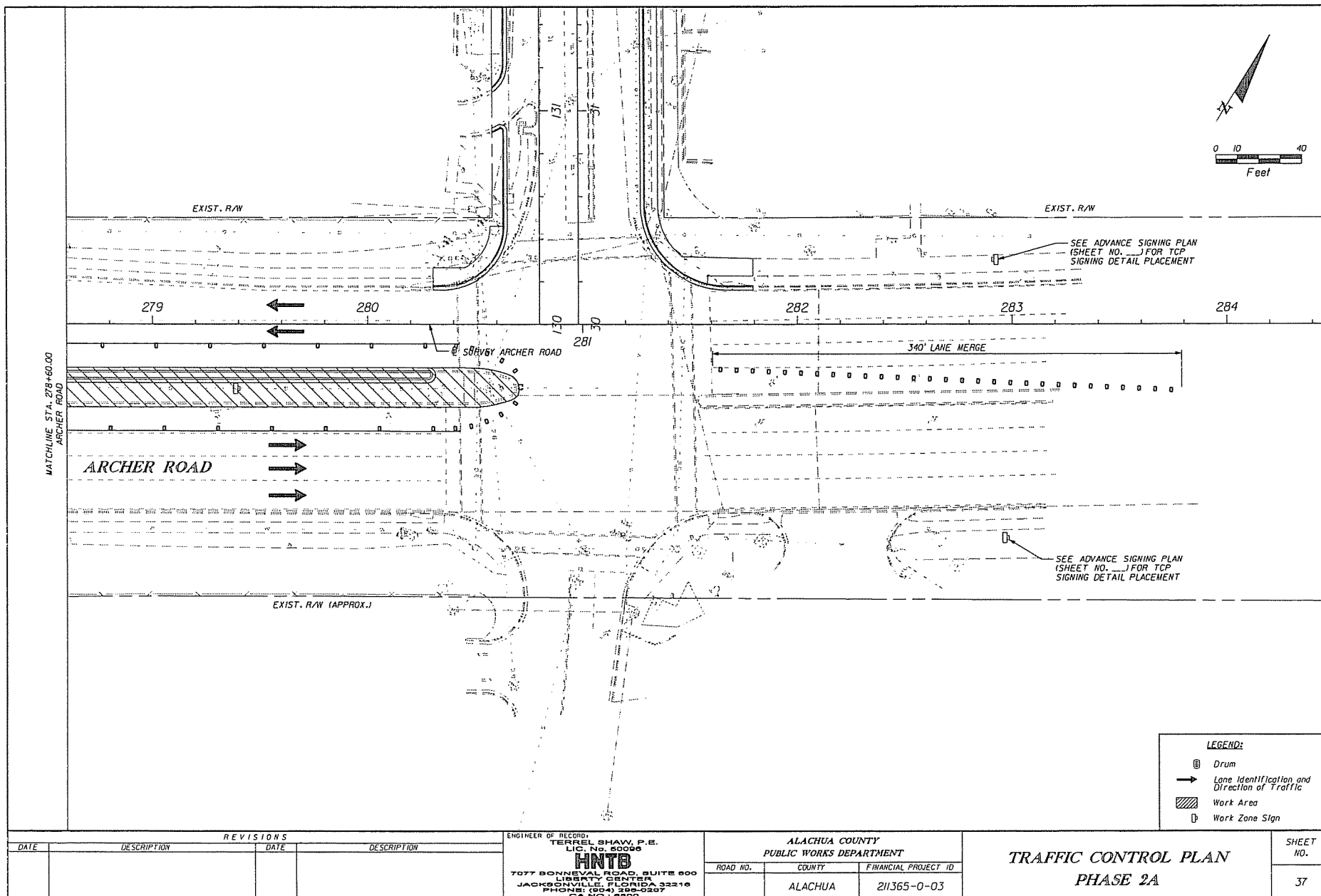
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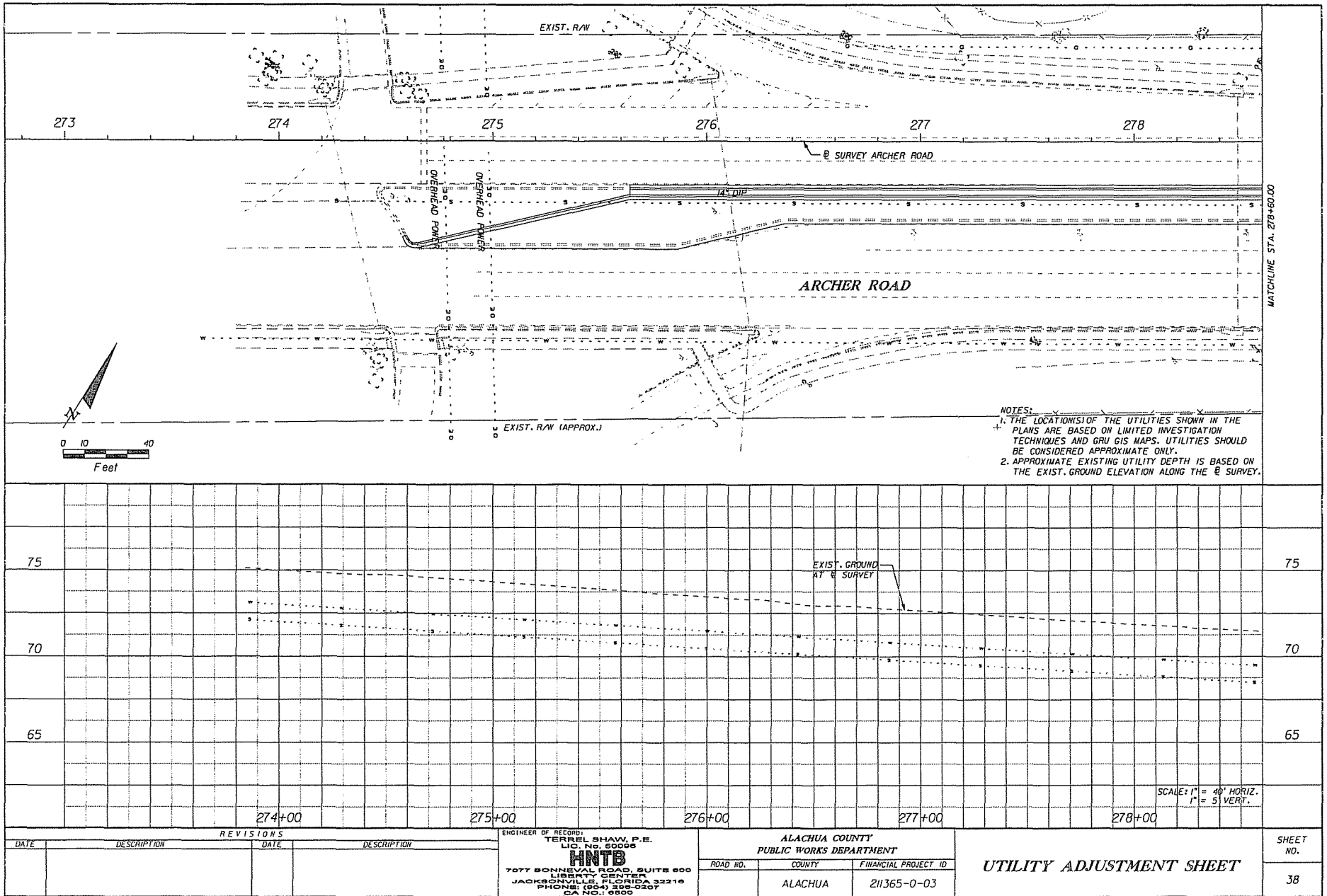
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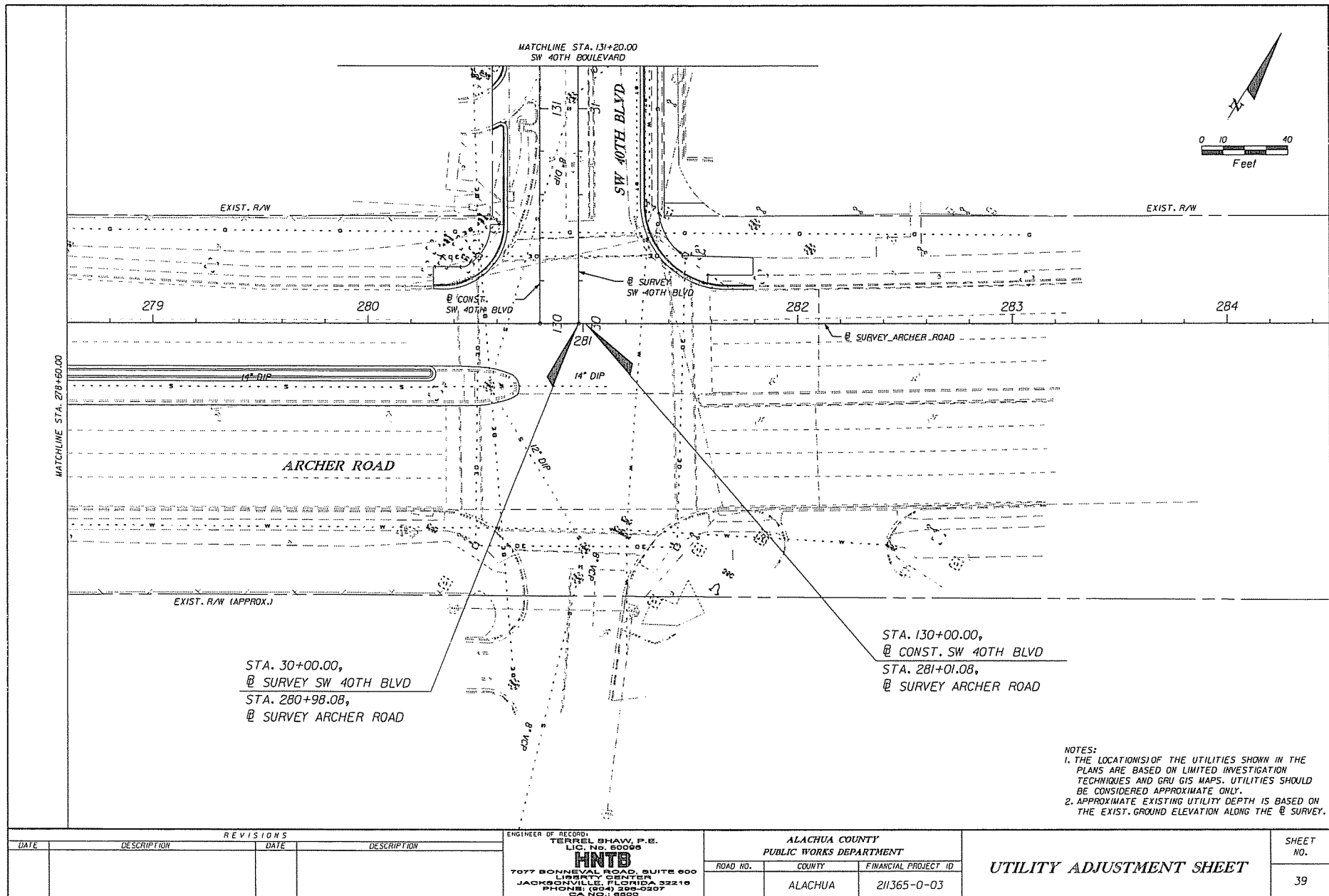
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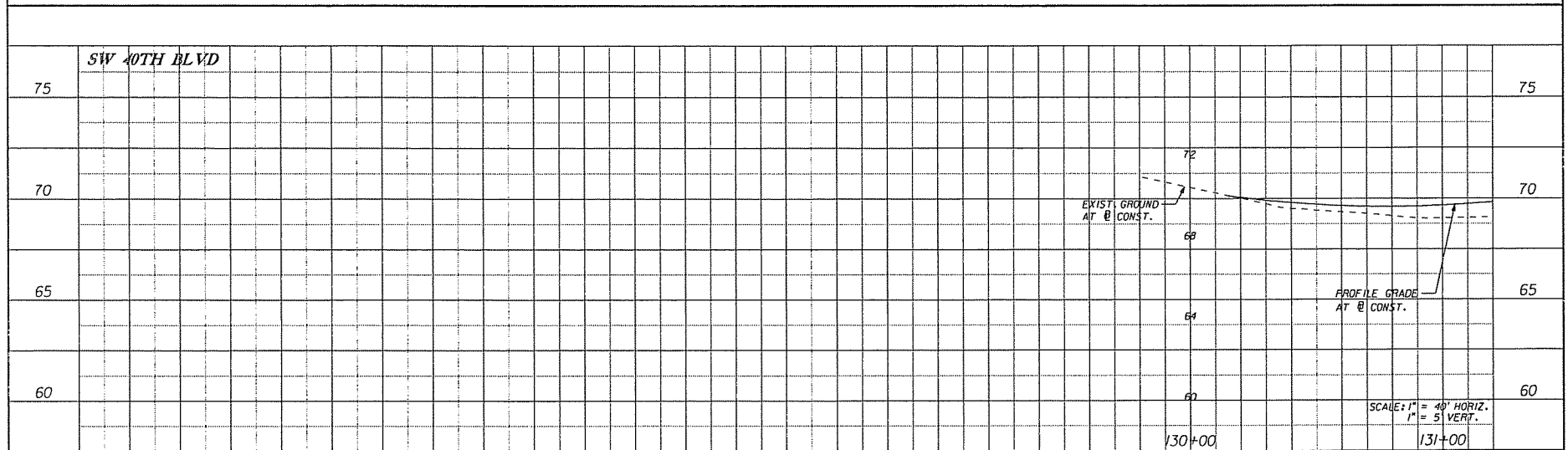
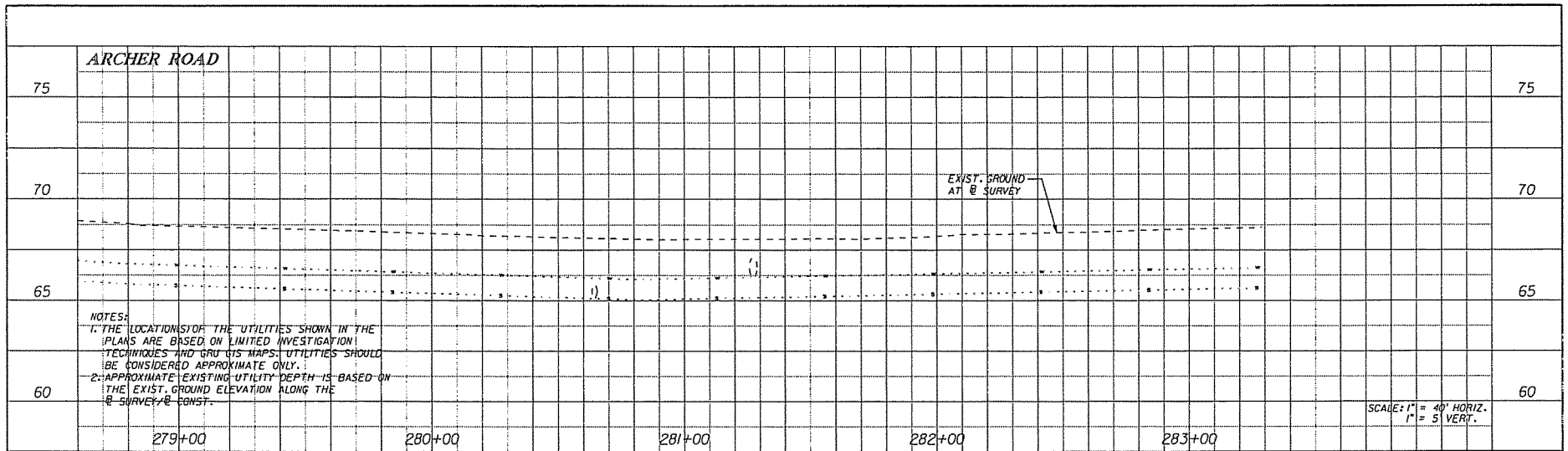
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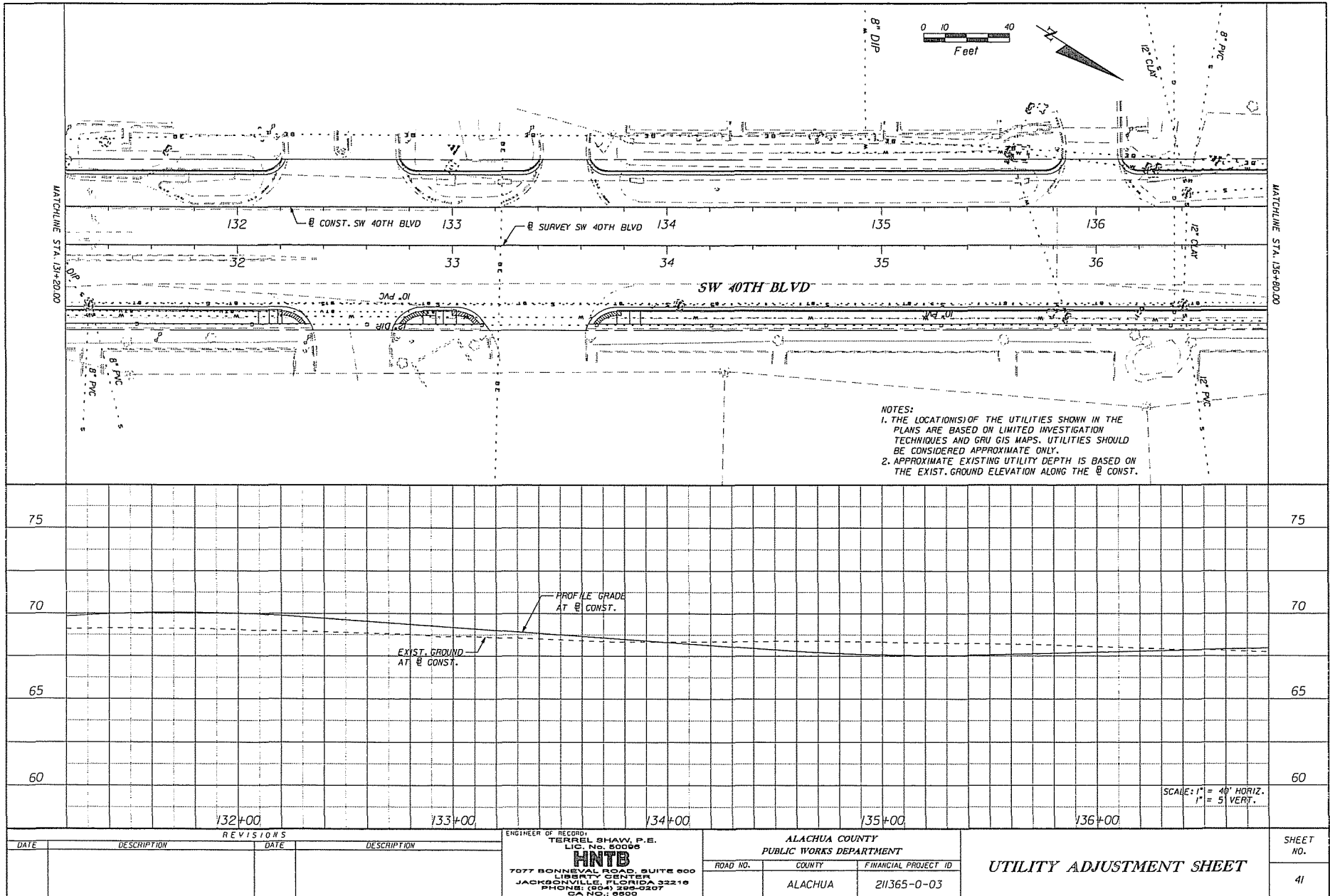
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
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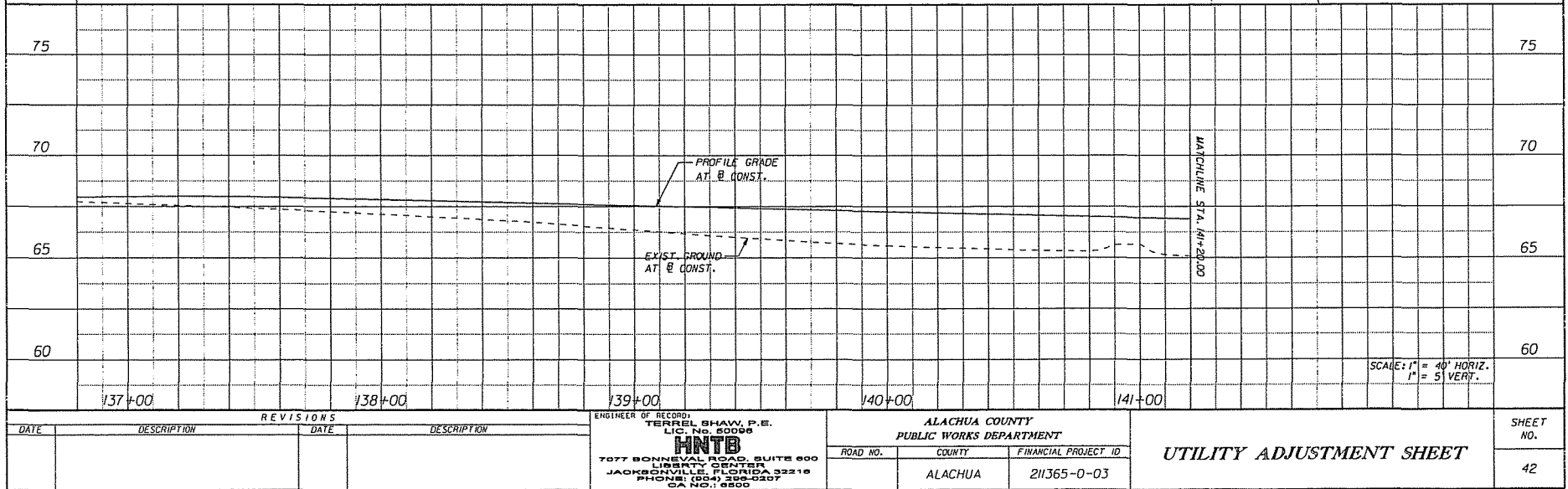
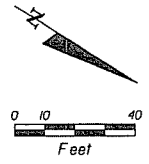
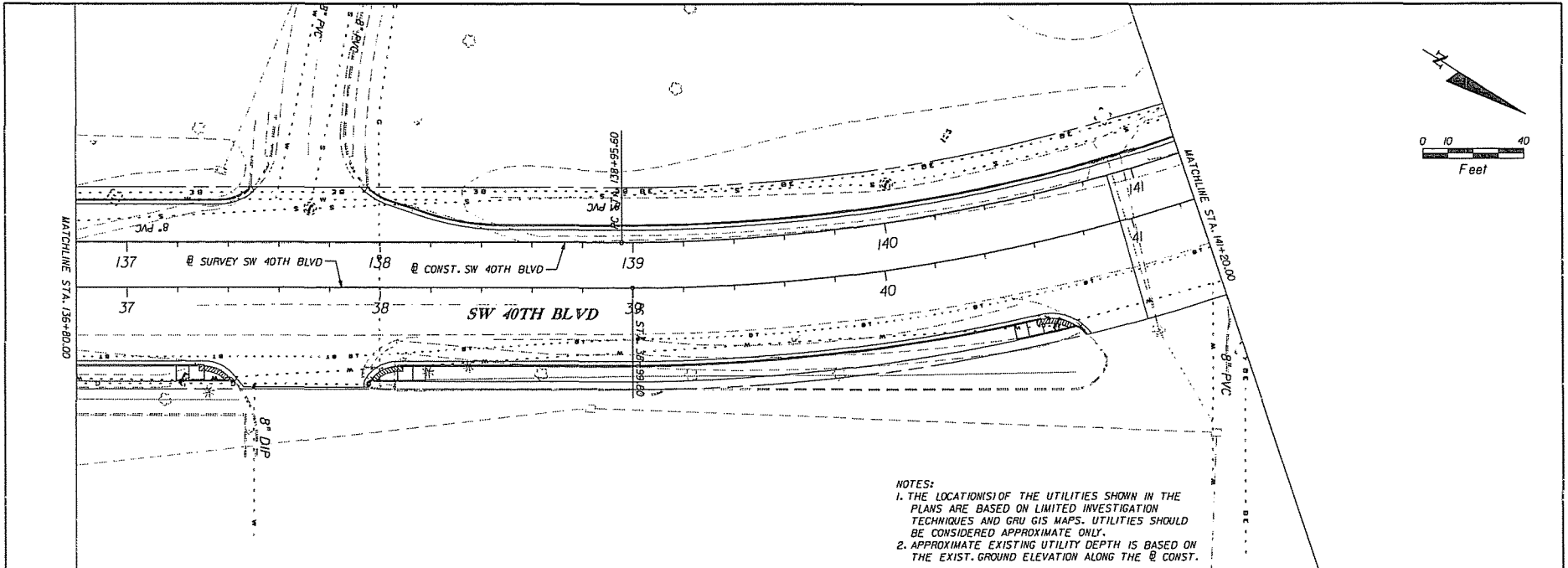
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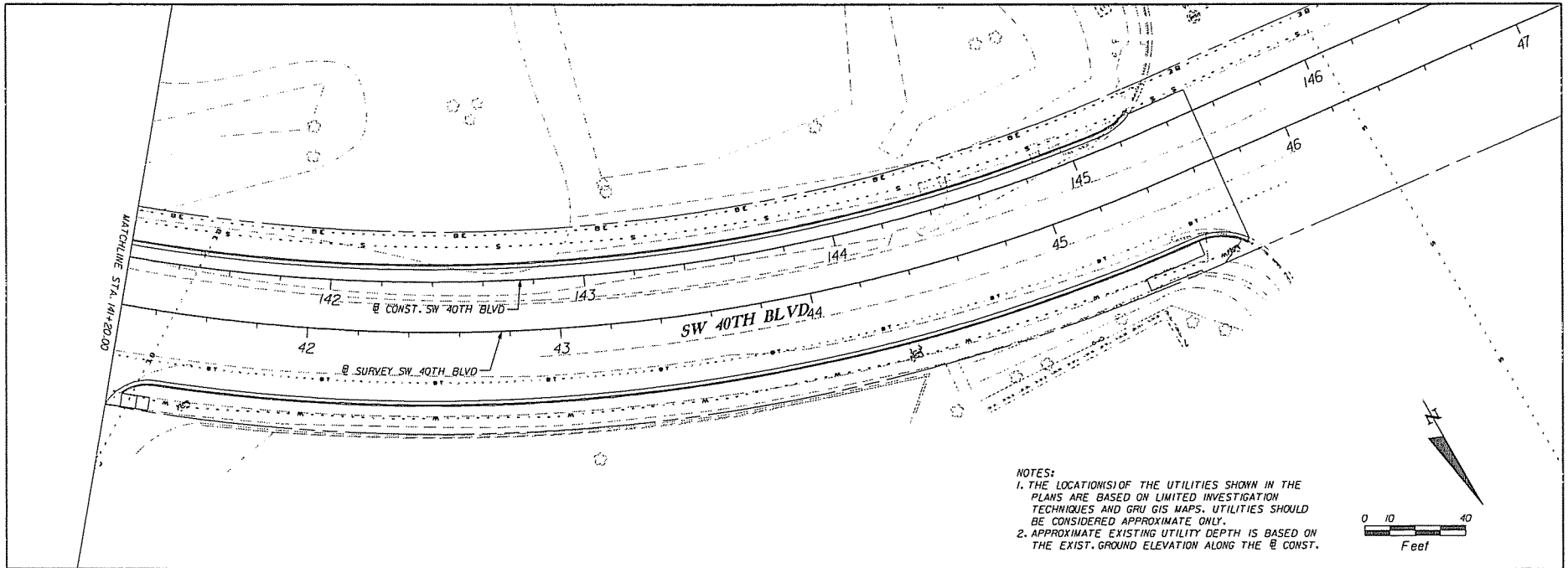




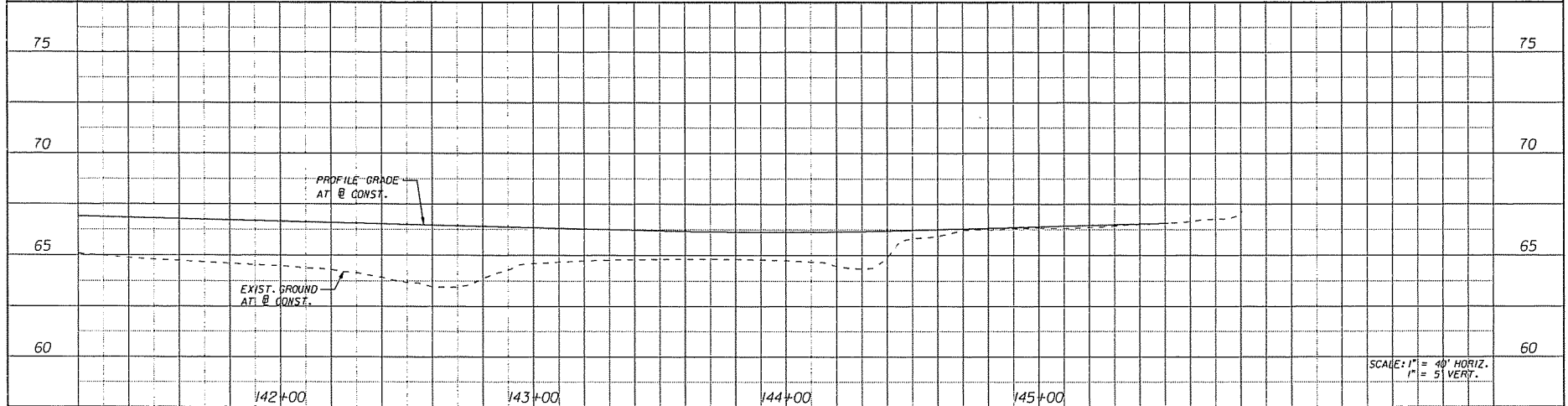
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DATE	DESCRIPTION	DATE	DESCRIPTION	ROAD NO.	FINANCIAL PROJECT ID	
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ENGINEER OF RECORD:
 TERREL SHAW, P.E.
 L.C. No. 60008
INTB
 7077 BONNEVAL ROAD, SUITE 600
 LIBERTY CENTER
 JACKSONVILLE, FLORIDA 32216
 PHONE: (904) 206-0207
 FAX: (904) 206-0207

UTILITY ADJUSTMENT SHEET



- NOTES:
1. THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND GRI GIS MAPS. UTILITIES SHOULD BE CONSIDERED APPROXIMATE ONLY.
 2. APPROXIMATE EXISTING UTILITY DEPTH IS BASED ON THE EXIST. GROUND ELEVATION ALONG THE @ CONST.



REVISIONS				ENGINEER OF RECORD TERREL SHAW, P.E. LIC. No. 50096 HNTB 7077 BONNEVAL ROAD, SUITE 600 LIBERTY CENTER JACKSONVILLE, FLORIDA 32216 PHONE: (904) 256-0207 GA NO.: 9850	ALACHUA COUNTY PUBLIC WORKS DEPARTMENT		UTILITY ADJUSTMENT SHEET	SHEET NO. 43
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY		
						ALACHUA	211365-0-03	

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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
May 12, 2009



TO: Metropolitan Transportation Planning Organization (MTPO)

FROM: Marlie Sanderson, AICP, Director of Transportation Planning

SUBJECT: SW 62nd Connector Interim Projects 30 Percent Design Plans-
SW 43rd Street at SW 20th Avenue Intersection Modifications

STAFF RECOMMENDATION

Develop MTPO recommendations.

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 30 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. For a full color presentation of the slideshow, refer to the following website:

http://ncfrpc.org/mtpo/Full%20packets/Design_Team/SW62bdInterimProj30percent_may0809.pdf

Exhibit 2 includes the 30 percent design plans. To also review the full set of design plans, refer to the following website:

[http://ncfrpc.org/mtpo/Full%20packets/Design_Team/09-05-02%20-%20Plans%20-%20Phase%20I%20Submittal%20\(SW20th%20Ave-SW43rd%20St\).pdf](http://ncfrpc.org/mtpo/Full%20packets/Design_Team/09-05-02%20-%20Plans%20-%20Phase%20I%20Submittal%20(SW20th%20Ave-SW43rd%20St).pdf)

SW 43 rd Street @ SW 20 th Avenue 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

HNTB

SW 20th Avenue at SW 43rd Street

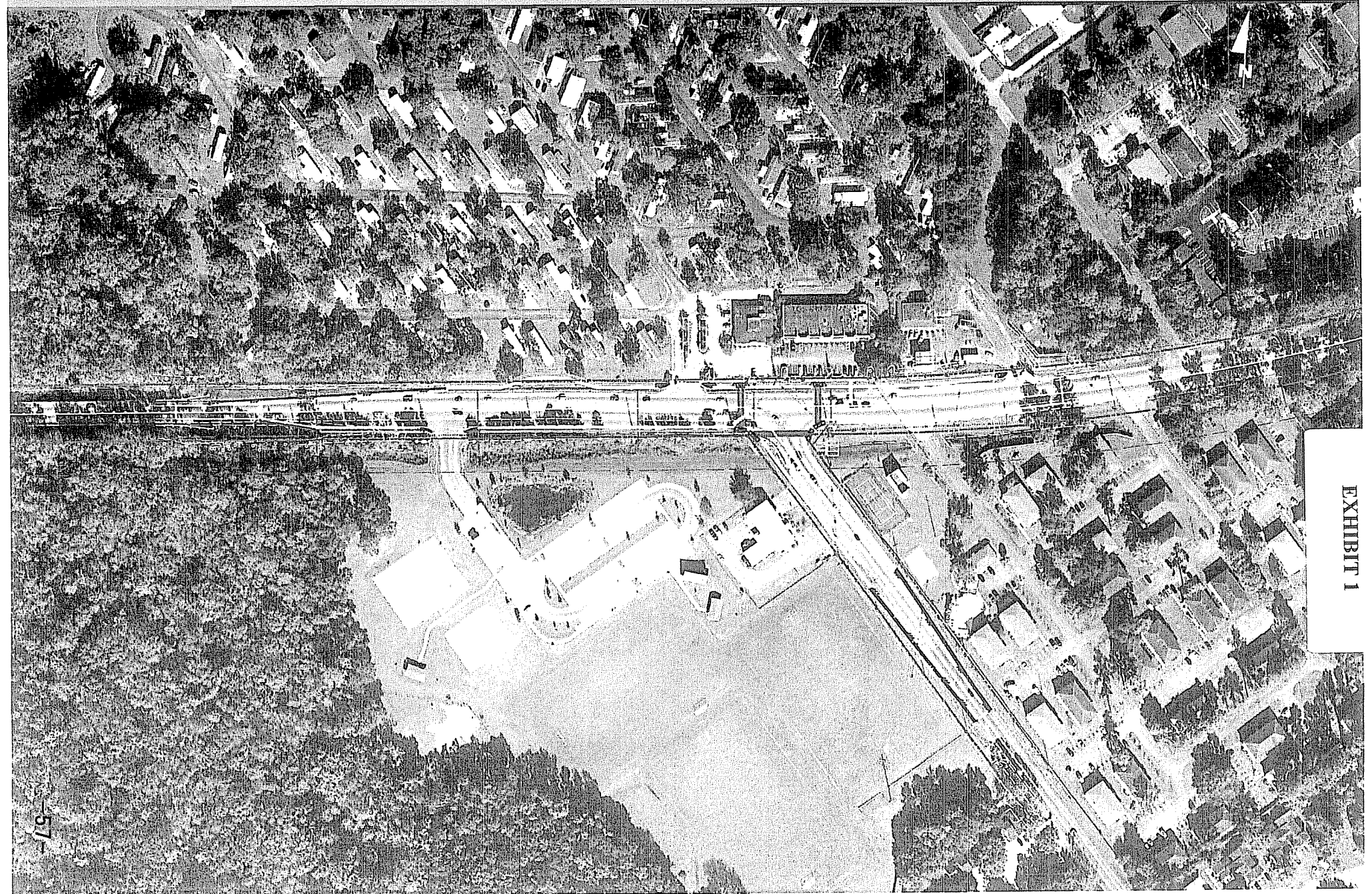
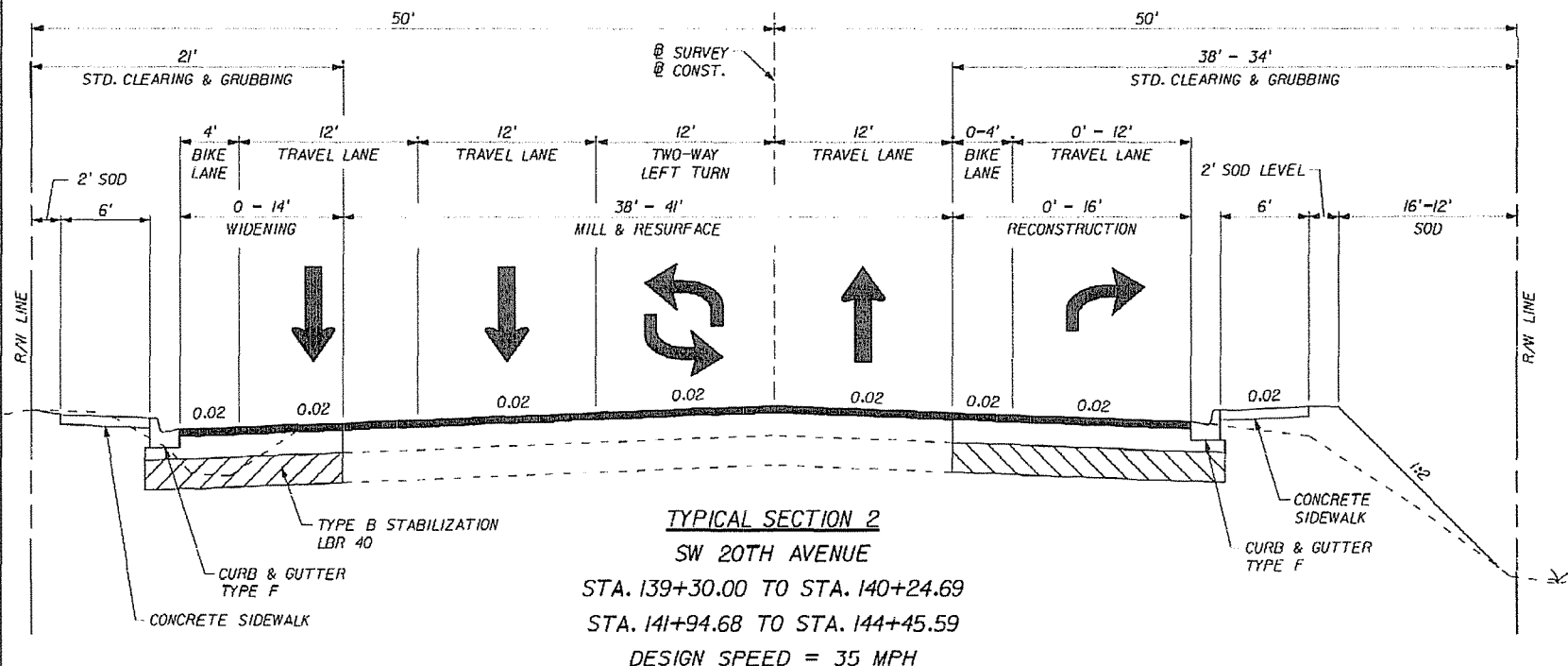
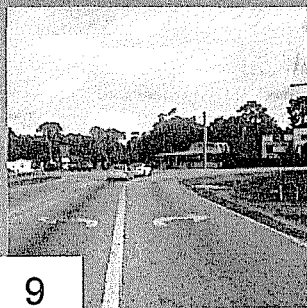


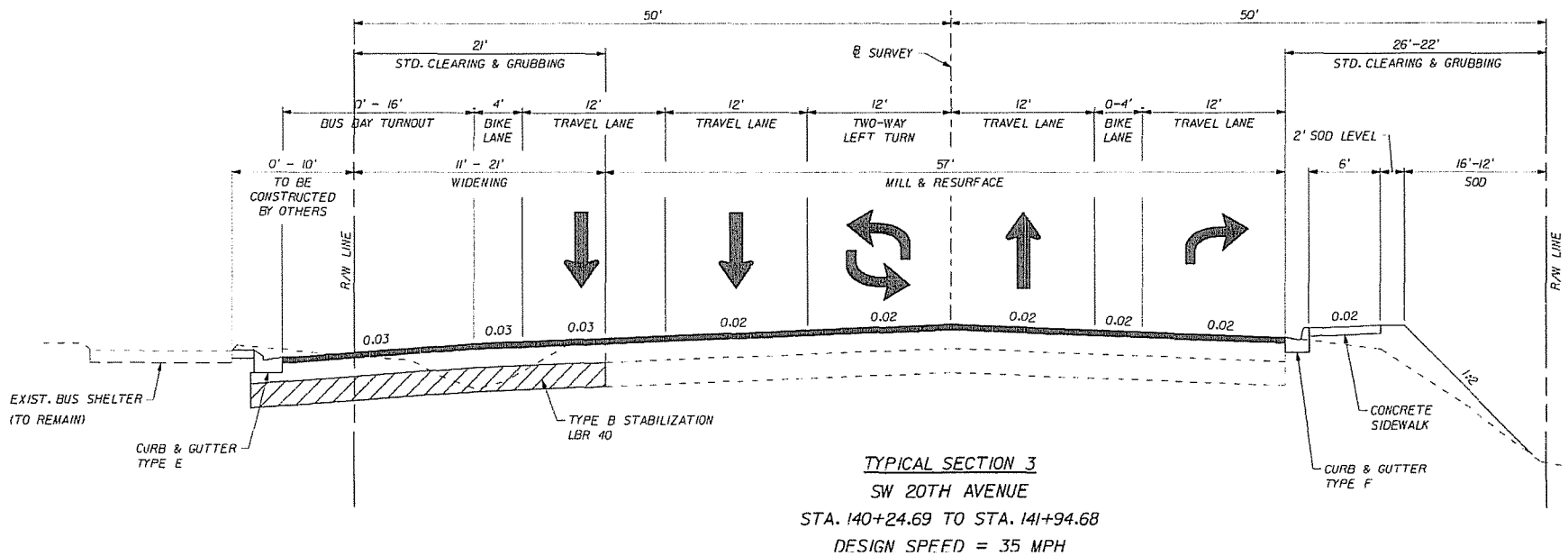
EXHIBIT 1

SW 20th Avenue



HNTB

SW 43rd Street



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
1	KEY SHEET
2 - 5	DRAINAGE MAP
6 - 9	TYPICAL SECTION
10	GENERAL NOTES
11	REFERENCE POINTS
12	PROJECT LAYOUT
13 - 18	ROADWAY PLAN-PROFILE
19 - 27	CROSS SECTIONS
28 - 37	TRAFFIC CONTROL PLAN
38 - 43	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.

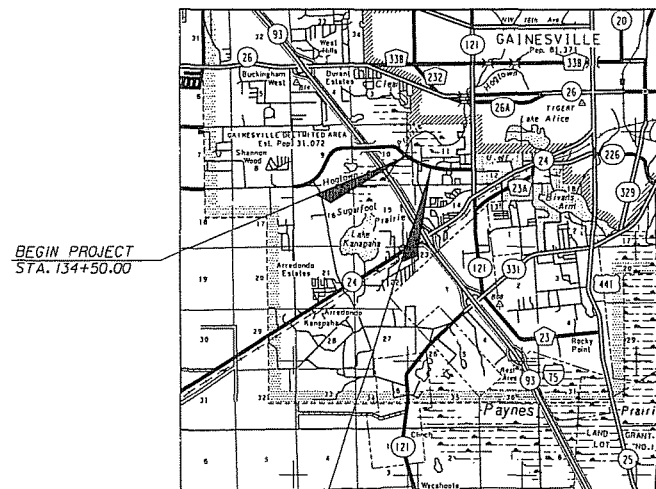
APPLICABLE DESIGN STANDARDS MODIFICATIONS: TBA
For Design Standards modifications visit on
<http://www.dot.state.fl.us/roadsign>

REVISIONS

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



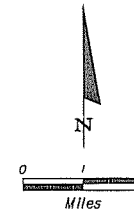
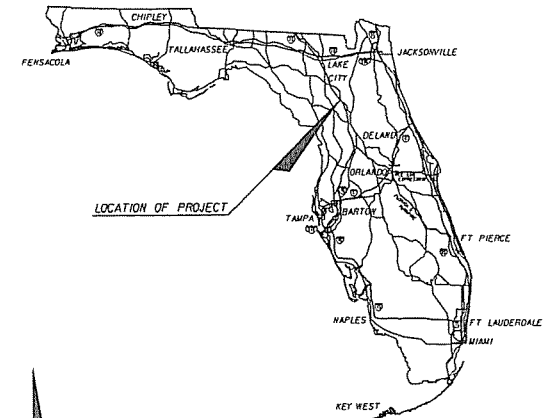
BEGIN PROJECT
STA. 134+50.00

END PROJECT
STA. 150+20.00

PROJECT LENGTH IS BASED ON E OF CONSTRUCTION

LENGTH OF PROJECT		
	LINEAR FEET	MILES
ROADWAY	1,570	0.30
BRIDGES		
NET LENGTH OF PROJECT	1,570	0.30
EXCEPTIONS		
GROSS LENGTH OF PROJECT	1,570	0.30

FDOT PROJECT MANAGER:



ROADWAY SHOP DRAWINGS
TO BE SUBMITTED TO:

TERREL SHAW, P.E.
HNTB CORPORATION
7077 BONNEVAL ROAD
SUITE 800, LIBERTY CENTER
JACKSONVILLE, FL 32216
PHONE NO. (904) 298-0207
FAX NO. (904) 279-0280

PLANS PREPARED BY:

HNTB

HNTB CORPORATION
7077 BONNEVAL ROAD
SUITE 800, LIBERTY CENTER
JACKSONVILLE, FL 32216
PHONE NO. (904) 298-0207
FAX NO. (904) 279-0280
CERT. OF AUTH. NO. 8600

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

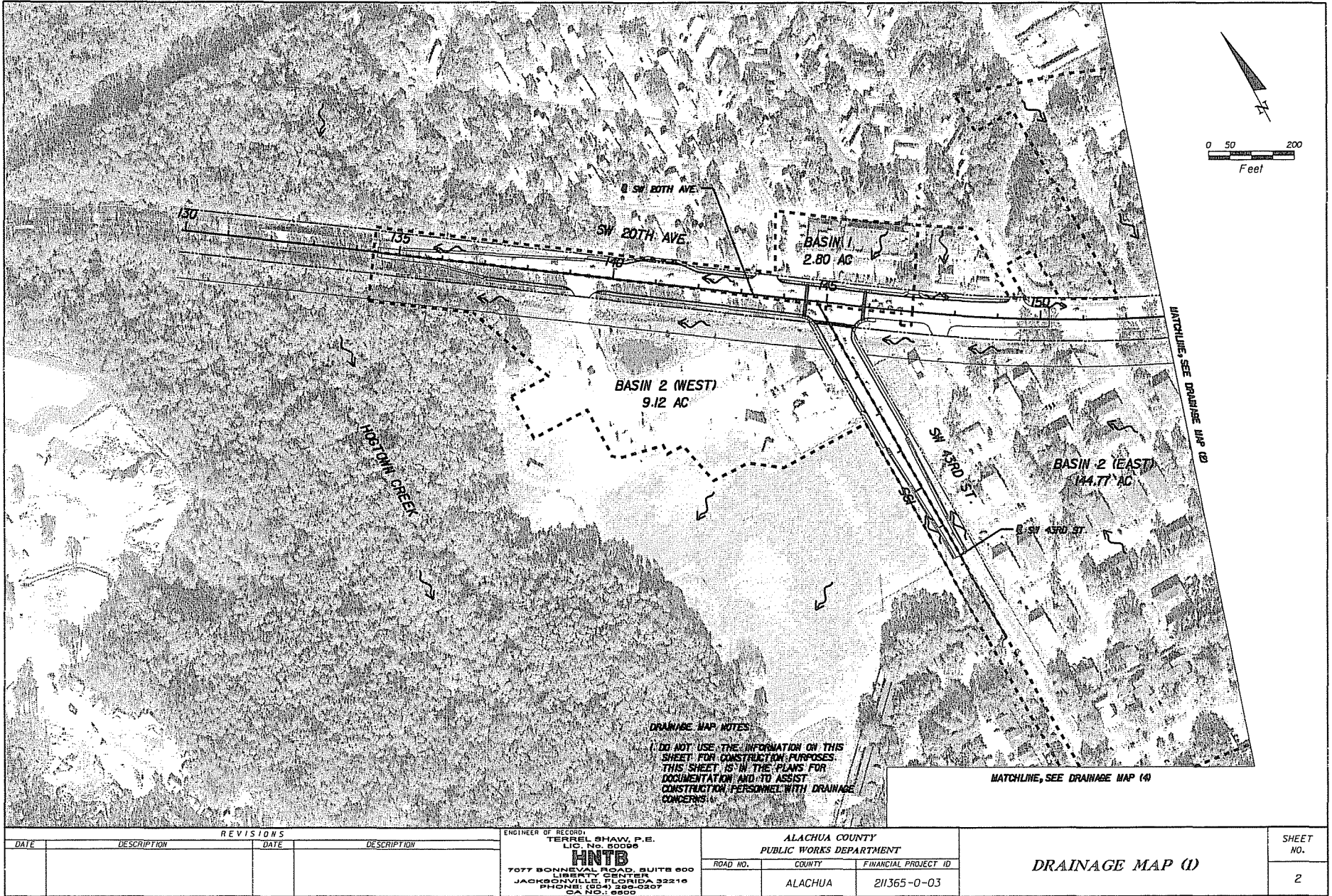
PHASE I SUBMITTAL
APRIL 2009

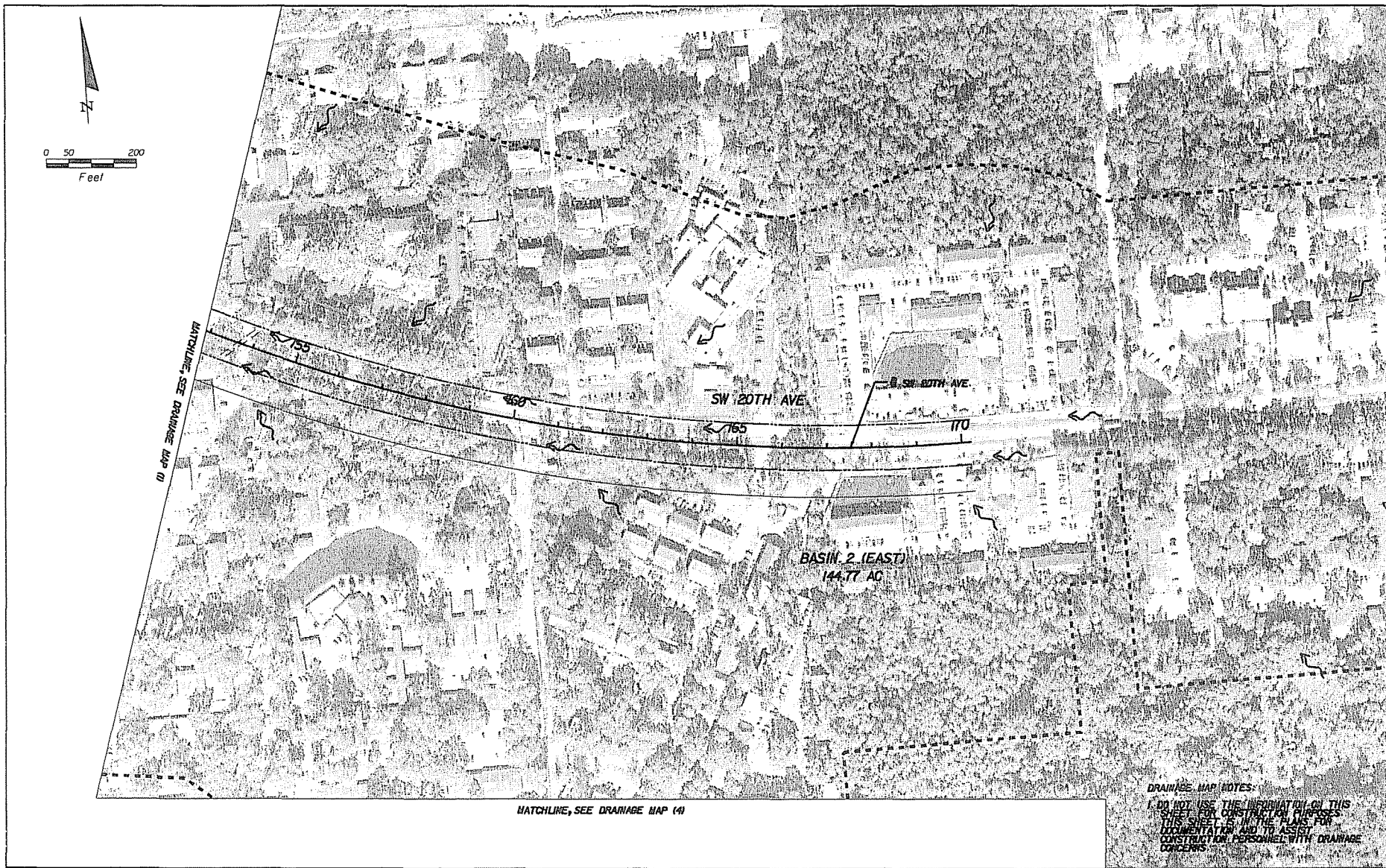
ROADWAY PLANS
ENGINEER OF RECORD: TERREL SHAW, P.E.

P.E. NO. 50096

FISCAL YEAR	SHEET NO.
09	1

EXHIBIT 2

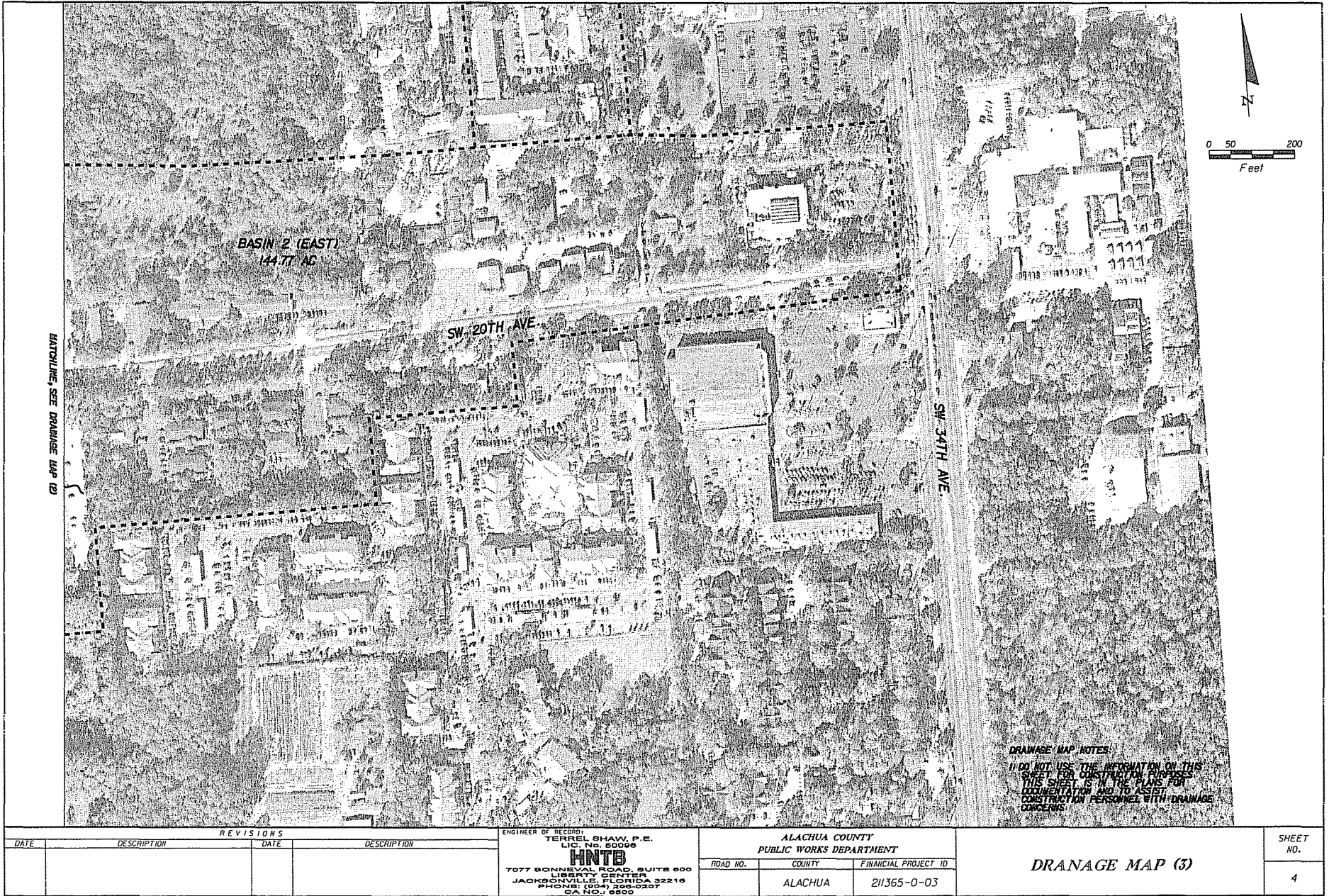




DRAINAGE MAP NOTES:
 I DO NOT USE THE INFORMATION ON THIS SHEET FOR CONSTRUCTION PURPOSES. THIS SHEET IS IN THE PLANS FOR DOCUMENTATION AND TO ASSIST CONSTRUCTION PERSONNEL WITH DRAINAGE CONCERNS.

REVISIONS				ENGINEER OF RECORD: TERREL SHAW, P.E. LIC. No. 50098 HNTB 7077 BONNEVAL ROAD, SUITE 800 LIBERTY CENTER JACKSONVILLE, FLORIDA 32218 PHONE: (904) 265-0207 CA NO.: 6500	ALACHUA COUNTY PUBLIC WORKS DEPARTMENT		SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	FINANCIAL PROJECT ID	
					ALACHUA	211365-0-03	3

DRANAGE MAP (2)

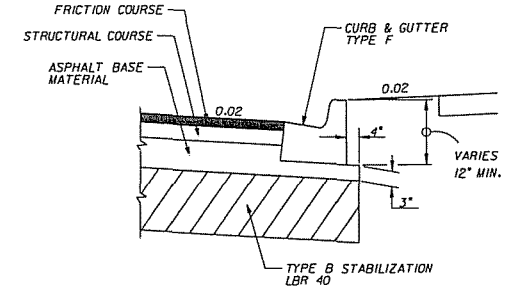
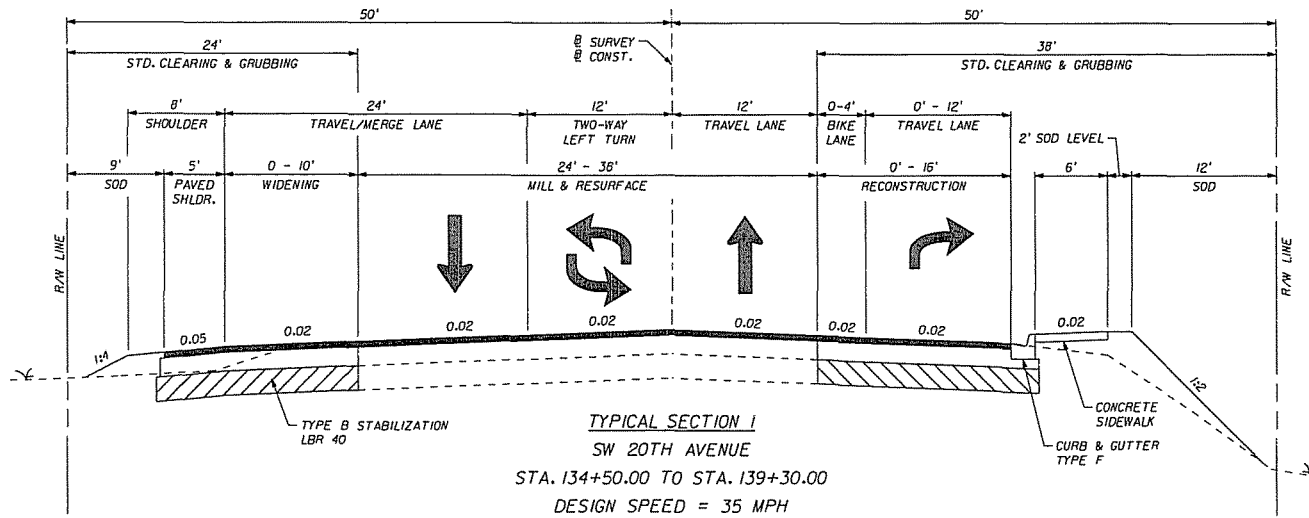


REVISIONS				ENGINEER OF RECORD: TERREL SHAW, P.E. LIC. No. 50096 HNTB 7077 BONNEVAL ROAD, SUITE 600 LIBERTY CENTER JACKSONVILLE, FLORIDA 32216 PHONE: (904) 256-0207 CA NO. 1 6500	ALACHUA COUNTY PUBLIC WORKS DEPARTMENT			DRANAGE MAP (3)	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ALACHUA	211365-0-03		4



DRAINAGE MAP NOTES:
 I DO NOT USE THE INFORMATION ON THIS
 SHEET FOR CONSTRUCTION PURPOSES.
 THIS SHEET IS IN THE PLANS FOR
 DOCUMENTATION AND TO ASSIST
 CONSTRUCTION PERSONNEL WITH DRAINAGE
 CONCERNS.

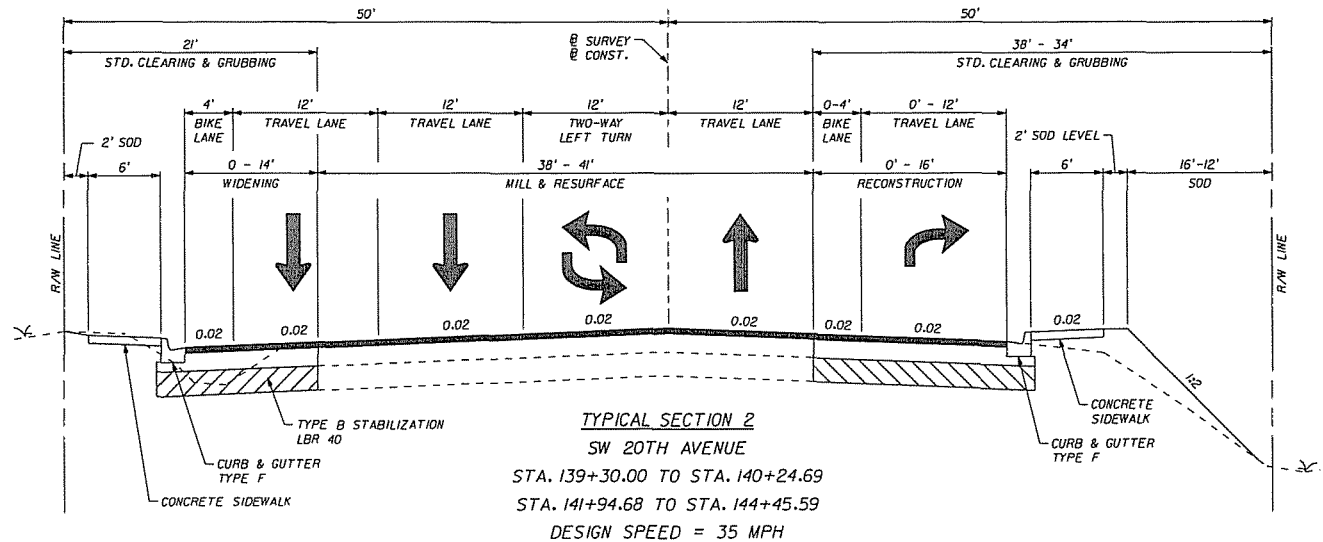
REVISIONS				ENGINEER OF RECORD: TERREL SHAW, P.E. LIC. NO. 80086 HNTB 7077 BONNEVAL ROAD, SUITE 600 LIBERTY CENTER JACKSONVILLE, FLORIDA 32216 PHONE: (904) 298-0207 FAX NO.: 8500	ALACHUA COUNTY PUBLIC WORKS DEPARTMENT		DRANAGE MAP (4)	SHEET NO. 5
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY		
						ALACHUA		
						211365-0-03		



MILLING
MILL EXISTING ASPHALT PAVEMENT (1.50" AVG. DEPTH)
RESURFACING
TYPE SP-12.5 STRUCTURAL COURSE (TRAFFIC C) (1.50") AND FRICTION COURSE FC-12.5 (2.00")
WIDENING
BLACK BASE ONLY (6.00") WITH TYPE SP-12.5 STRUCTURAL COURSE (TRAFFIC C) (3.00") AND FRICTION COURSE FC-12.5 (1.50")

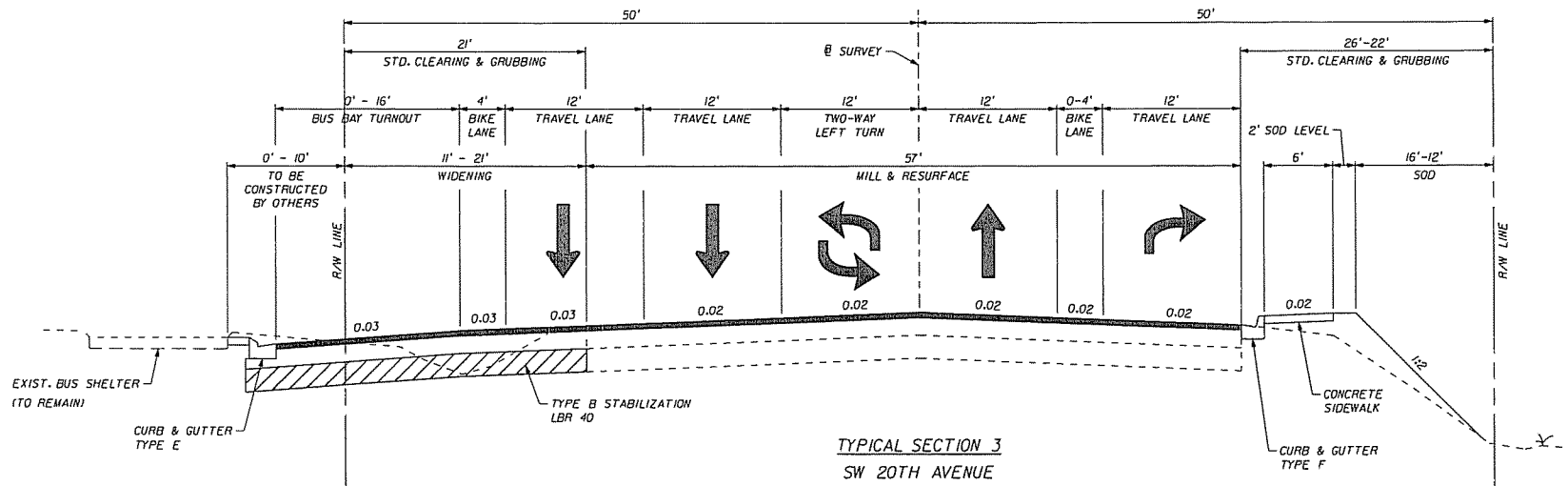
TRAFFIC DATA

CURRENT YEAR = 2008 AADT = 26,700
 ESTIMATED OPENING YEAR = 2010 AADT = 27,800
 ESTIMATED DESIGN YEAR = 2035 AADT = 41,300
 K = 9.5% D = 60% T = 2% (24 HOUR)
 DESIGN HOUR T = 1%
 DESIGN SPEED = 35 MPH



REVISIONS				ENGINEER OF RECORD: TERREL SHAW, P.E. LIC. No. 60096 HNTB 7677 BONNEVAL ROAD, SUITE 600 LIBERTY CENTER JACKSONVILLE, FLORIDA 32216 PHONE: (904) 296-0207 SA NO.: 6850	ALACHUA COUNTY PUBLIC WORKS DEPARTMENT			TYPICAL SECTION	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		6
						ALACHUA	211365-0-03		

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TYPICAL SECTION 3
SW 20TH AVENUE
STA. 140+24.69 TO STA. 141+94.68
DESIGN SPEED = 35 MPH

- NOTES:**
1. WORK OUTSIDE OF RIGHT-OF-WAY TO BE PERFORMED BY OTHERS.
 2. WORK OUTSIDE OF THE RIGHT-OF-WAY WILL BE PERFORMED AT THE COMPLETION OF THE ROADWAY IMPROVEMENTS.
 3. PROPOSED ROADWAY IMPROVEMENTS WILL CONSTRUCT THE BUS BAY TURNOUT TO THE RIGHT-OF-WAY LINE. A TEMPORARY CONNECTION TO THE EXIST. BUS SHELTER WILL BE PROVIDED AND MAINTAINED BY OTHERS.

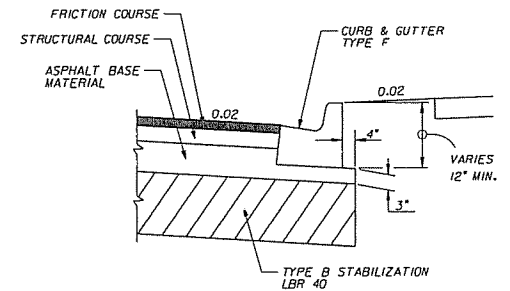
MILLING
 MILL EXISTING ASPHALT PAVEMENT (1.50" AVG. DEPTH)

RESURFACING
 TYPE SP-12.5 STRUCTURAL COURSE (TRAFFIC C) (2.00")
 AND FRICTION COURSE FC-12.5 (1.50")

WIDENING
 BLACK BASE ONLY (6.00") WITH
 TYPE SP-12.5 STRUCTURAL COURSE (3.00")
 AND FRICTION COURSE FC-12.5 (1.50")

TRAFFIC DATA

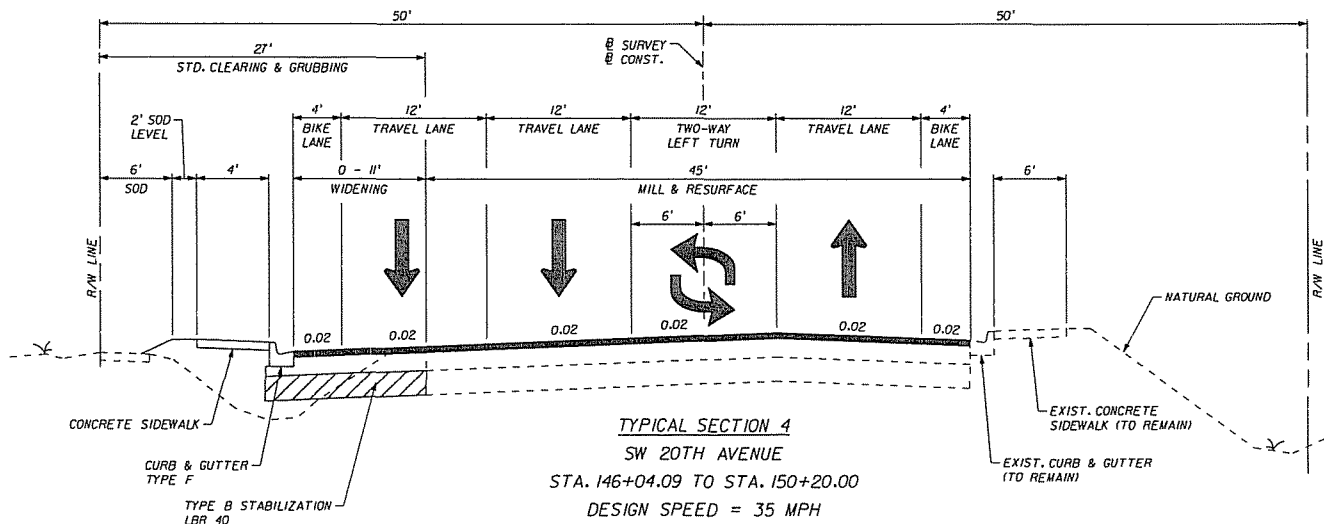
CURRENT YEAR = 2008 AADT = 26,700
 ESTIMATED OPENING YEAR = 2010 AADT = 27,800
 ESTIMATED DESIGN YEAR = 2035 AADT = 41,300
 K = 9.5% D = 60% T = 2% (24 HOUR)
 DESIGN HOUR T = 1%
 DESIGN SPEED = 35 MPH



**DETAIL OF ASPHALT
 BASE CURB PAD**

REVISIONS				ENGINEER OF RECORD TERREL SHAW, P.E. LIC. No. 50096 HNTB 7077 BONNEVAL ROAD, SUITE 600 LIBERTY CENTER JACKSONVILLE, FLORIDA 32216 PHONE: (904) 295-0207 FAX: (904) 295-0207	ALACHUA COUNTY PUBLIC WORKS DEPARTMENT		SHEET NO. 7
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	
						ALACHUA	211365-0-03

TYPICAL SECTION



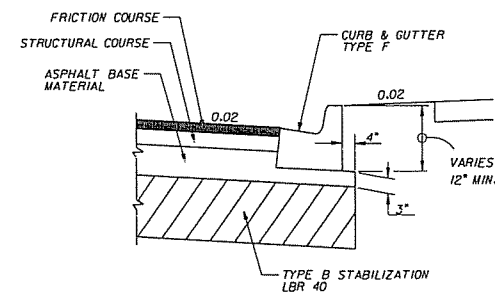
MILLING
 MILL EXISTING ASPHALT PAVEMENT (1.50" AVG. DEPTH)

RESURFACING
 TYPE SP-12.5 STRUCTURAL COURSE (TRAFFIC C) (2.00")
 AND FRICTION COURSE FC-12.5 (1.50")

WIDENING
 BLACK BASE ONLY (6.00") WITH
 TYPE SP-12.5 STRUCTURAL COURSE (3.00")
 AND FRICTION COURSE FC-12.5 (1.50")

TRAFFIC DATA

CURRENT YEAR = 2008 AADT = 26,700
 ESTIMATED OPENING YEAR = 2010 AADT = 27,800
 ESTIMATED DESIGN YEAR = 2035 AADT = 41,300
 K = 9.5% D = 60% T = 2% (24 HOUR)
 DESIGN HOUR T = 1%
 DESIGN SPEED = 35 MPH



**DETAIL OF ASPHALT
 BASE CURB PAD**

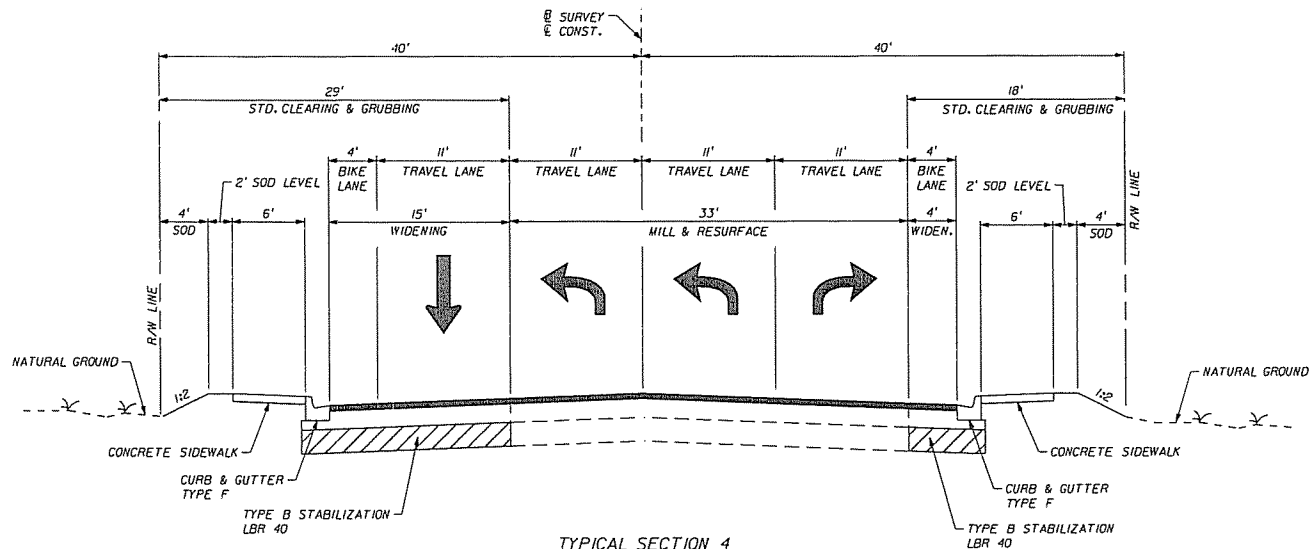
REVISIONS				ENGINEER OF RECORD TERREL SHAW, P.E. LIC. No. 50096 HNTB 7077 BONNEVAL ROAD, SUITE 600 LIBERTY CENTER JACKSONVILLE, FLORIDA 32216 PHONE: (904) 266-0207 CA No.: 6850	ALACHUA COUNTY PUBLIC WORKS DEPARTMENT			TYPICAL SECTION	SHEET NO. 8
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ALACHUA	211365-0-03		

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TYPICAL SECTION 4
SW 43RD STREET
 STA. 196+22.09 TO STA. 198+23.50
 DESIGN SPEED = 35 MPH

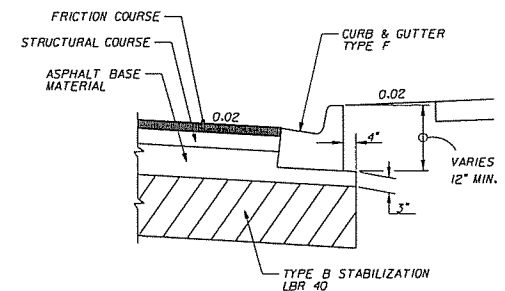
MILLING
 MILL EXISTING ASPHALT PAVEMENT (1.00" AVG. DEPTH)

RESURFACING
 TYPE SP STRUCTURAL COURSE (TRAFFIC C) (2.00")
 AND FRICTION COURSE FC-12.5 (1.50")

WIDENING
 BLACK BASE ONLY (6.00") WITH
 TYPE SP STRUCTURAL COURSE (3.00")
 AND FRICTION COURSE FC-12.5 (1.50")

TRAFFIC DATA

CURRENT YEAR = 2008 AADT = 15,000
 ESTIMATED OPENING YEAR = 2010 AADT = 15,400
 ESTIMATED DESIGN YEAR = 2035 AADT = 21,200
 K = 9.5% D = 60% T = 2% (24 HOUR)
 DESIGN HOUR T = 1%
 DESIGN SPEED = 35 MPH



**DETAIL OF ASPHALT
 BASE CURB PAD**

REVISIONS				ENGINEER OF RECORD: TERREL SHAW, P.E. L.C. No. 60096 HNTB 7077 BONNEVAL ROAD, SUITE 600 LIBERTY CENTER JACKSONVILLE, FLORIDA 32218 PHONE: (904) 298-0207 GA NO. 16800	ALACHUA COUNTY PUBLIC WORKS DEPARTMENT		FINANCIAL PROJECT ID	TYPICAL SECTION	SHEET NO. 9
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY			
						ALACHUA	211365-0-03		

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GENERAL NOTES

1. 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 FDOT DESIGN STANDARDS, SHALL BE DEFINED HERE AS PART OF THE GENERAL NOTES.
8. THE LOCATIONS OF THE UTILITIES SHOWN IN THE PLANS (INCLUDING THOSE DESIGNATED VV, VH AND VWH) 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	CONTACT	TELEPHONE
AT&T/BELLSOUTH (FLORIDA)	ANNA/LISA HORDEMAHN	(352) 371-5276
AT&T/BELLSOUTH (LONG DISTANCE)	BOB WADLEY	(352) 331-9294
GRU WATER/WASTEWATER	DEBBIE DOCKERTY	(352) 393-1622
GRU ELECTRIC	TOMY HOLSTEIN	(352) 334-6042
GRU COMMUNICATIONS	TOM LAWYER	(352) 393-6910
TRAFFIC OPERATIONS	TRAVIS LAW	(352) 393-8155
TRAFFIC OPERATIONS	CHRIS DOLAN	(352) 393-8155
COX COMMUNICATIONS	GARY HARRELL	(352) 337-2052
11. 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.
13. 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.
14. 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 EXPENSE.
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.

REVISIONS				ENGINEER OF RECORD: TERREL SHAW, P.E. LIC. NO. 50096 HNTB 7077 BONNEVAL ROAD, SUITE 600 LIBERTY CENTER JACKSONVILLE, FLORIDA 32216 PHONE: (904) 298-0207 CA NO. 1. 6800	ALACHUA COUNTY PUBLIC WORKS DEPARTMENT			GENERAL NOTES	SHEET NO. 10
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ALACHUA	211365-0-03		

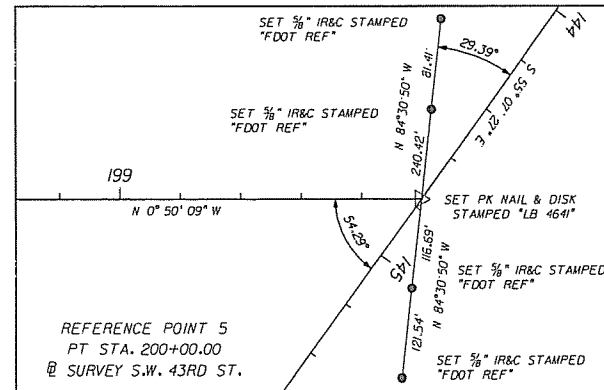
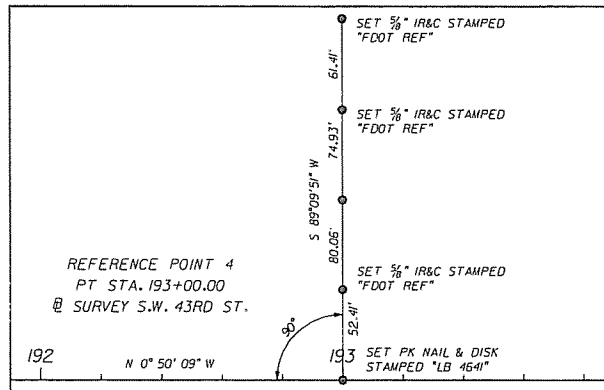
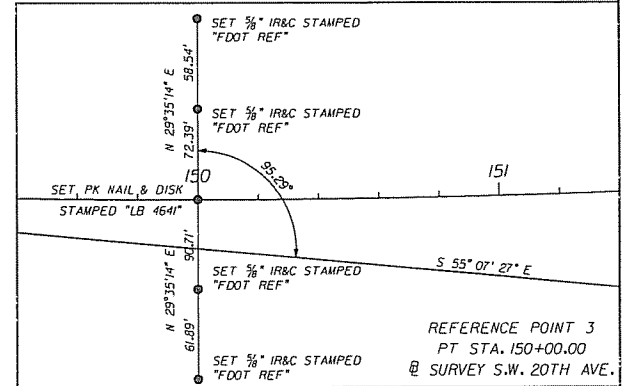
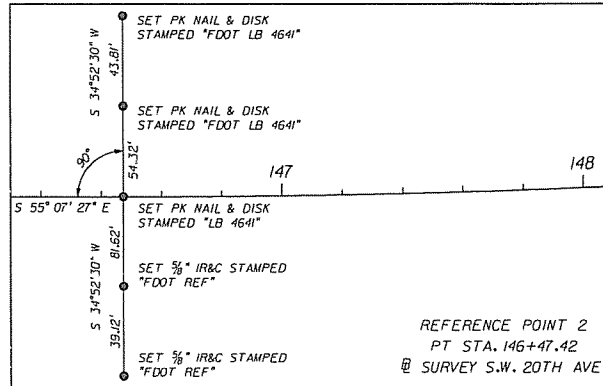
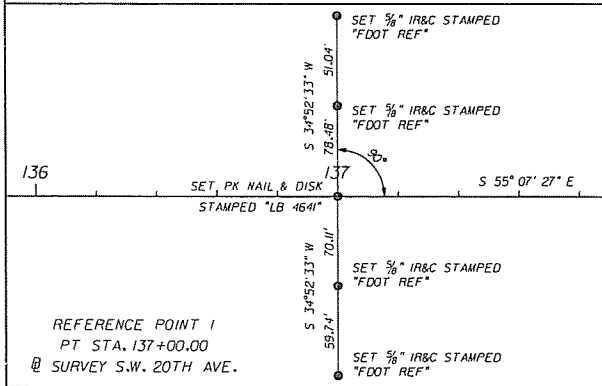
MR/WH

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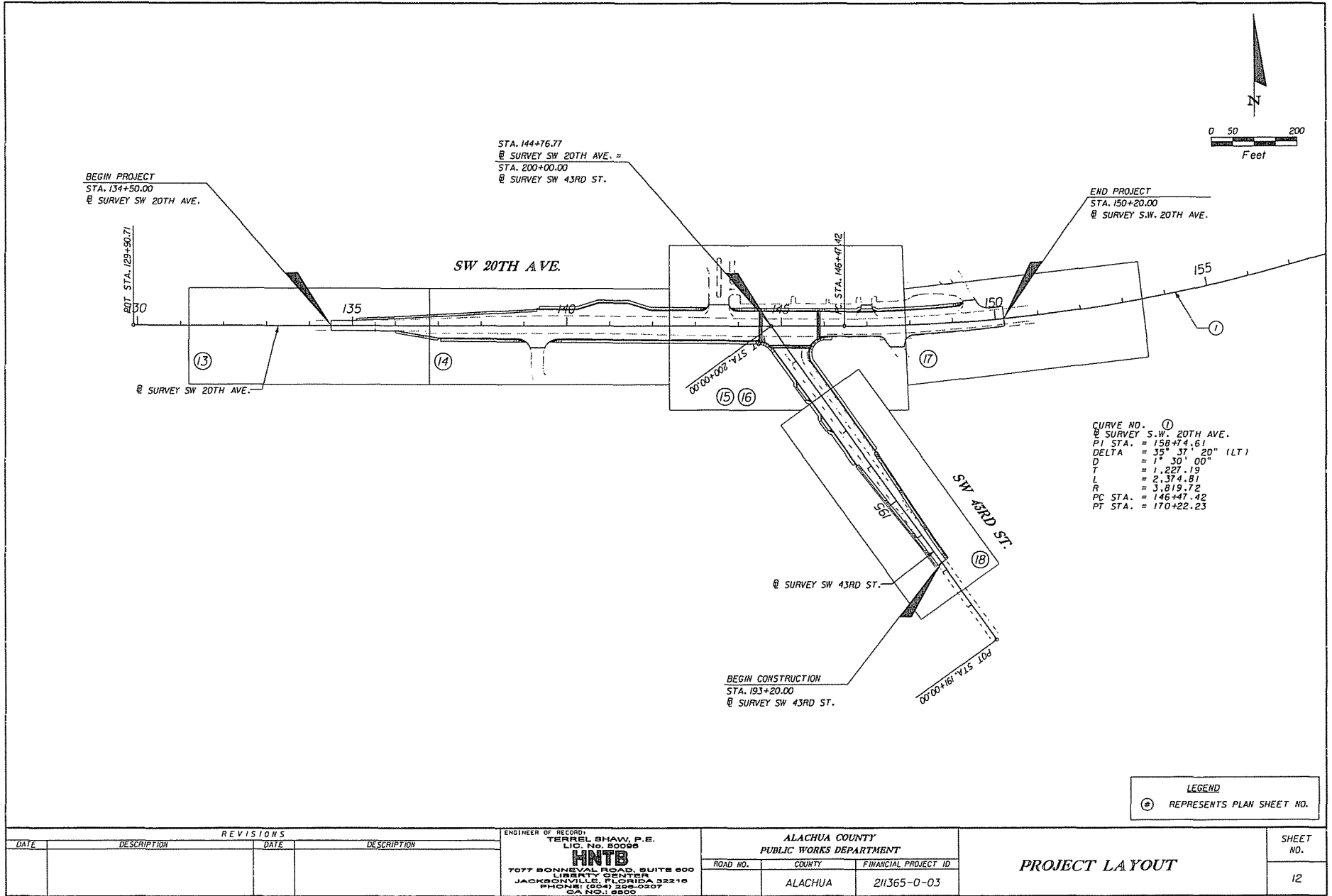
REFERENCE POINTS



REVISIONS				ENGINEER OF RECORD TERREL SHAW, P.E. LIC. NO. 60086 INTB 7077 BONNEVAL ROAD, SUITE 600 LIBERTY CENTER JACKSONVILLE, FLORIDA 32216 PHONE: (904) 266-0207 CA NO. 18800	ALACHUA COUNTY PUBLIC WORKS DEPARTMENT		REFERENCE POINTS	SHEET NO. 11
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
						ALACHUA	211365-0-03	

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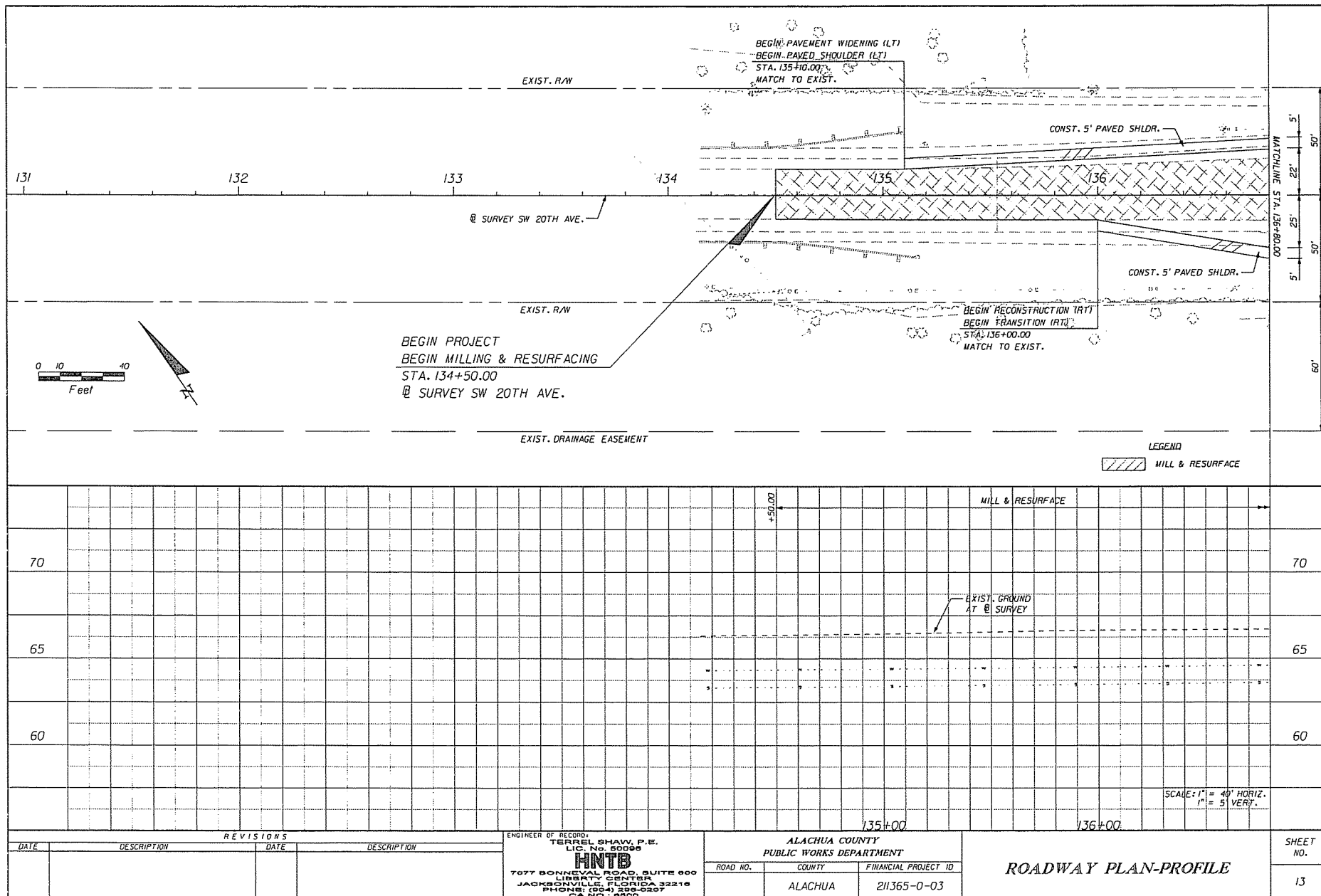
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DATE	DESCRIPTION	DATE	DESCRIPTION

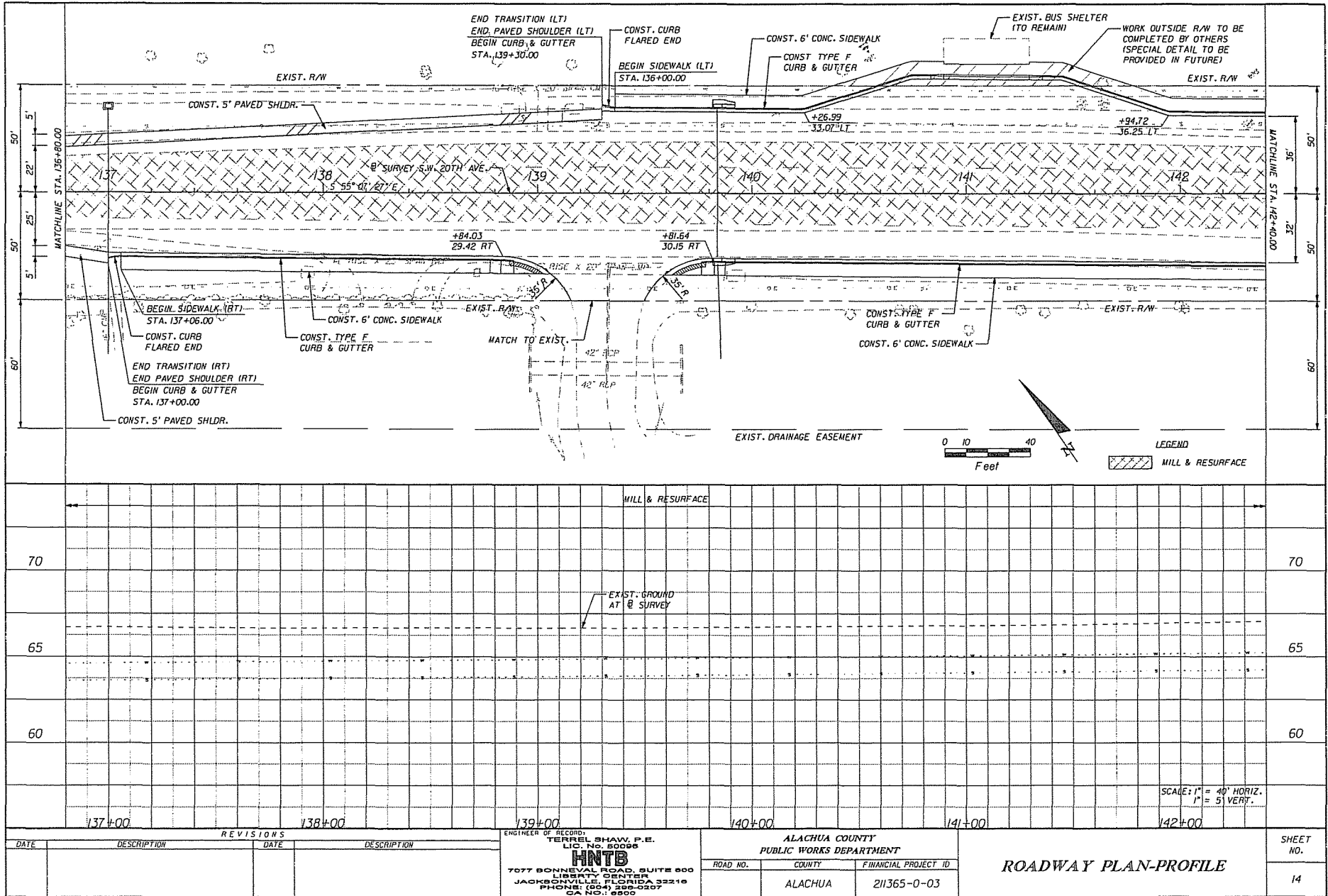
ENGINEER OF RECORD:
TERREL SHAW, P.E.
LIC. No. 50096
HNTB
7077 BONNEVAL ROAD, SUITE 600
LIBERTY CENTER
JACKSONVILLE, FLORIDA 32216
PHONE: (904) 255-0207
FAX: (904) 255-0208

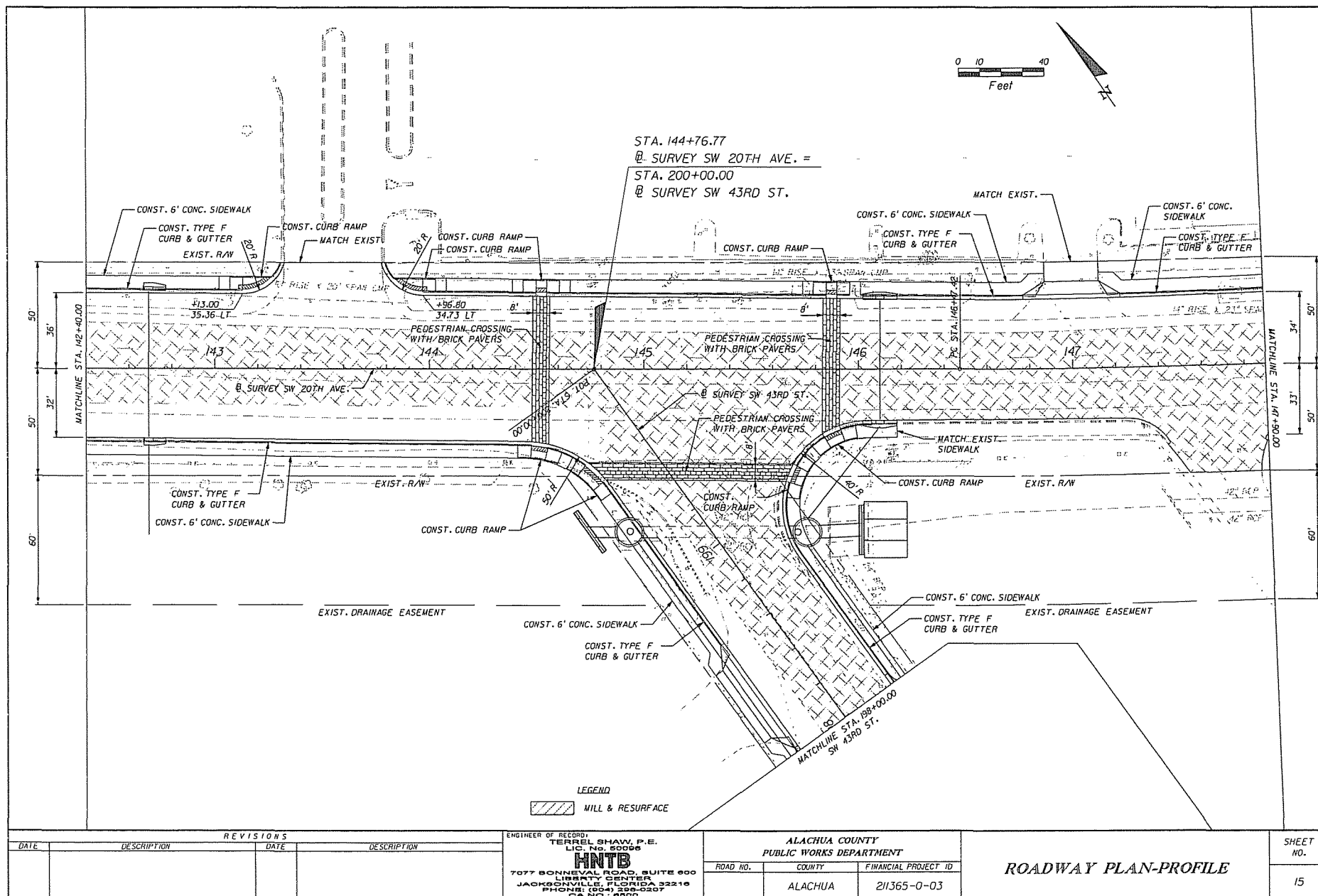
ALACHUA COUNTY PUBLIC WORKS DEPARTMENT		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	ALACHUA	211365-0-03

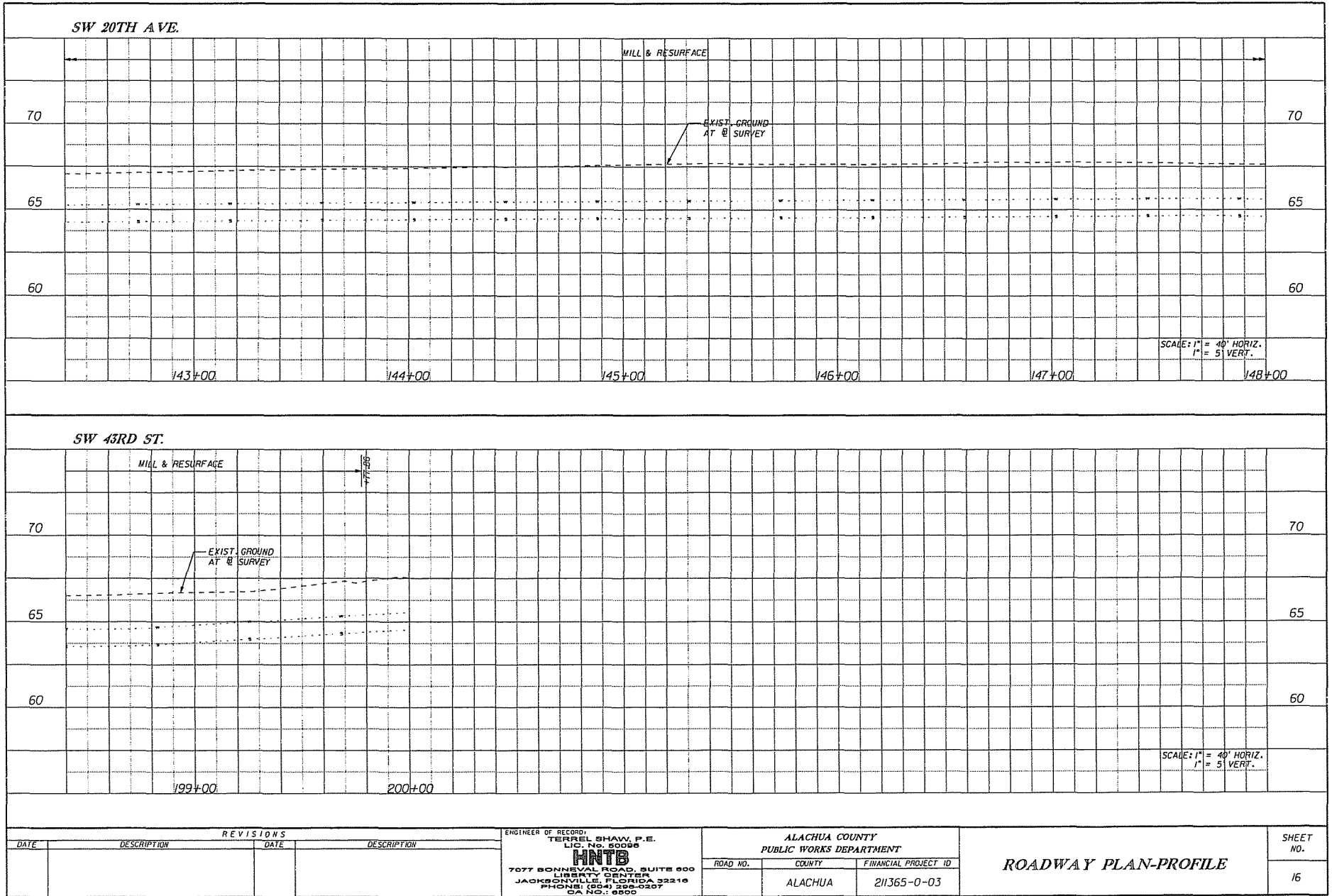
PROJECT LAYOUT

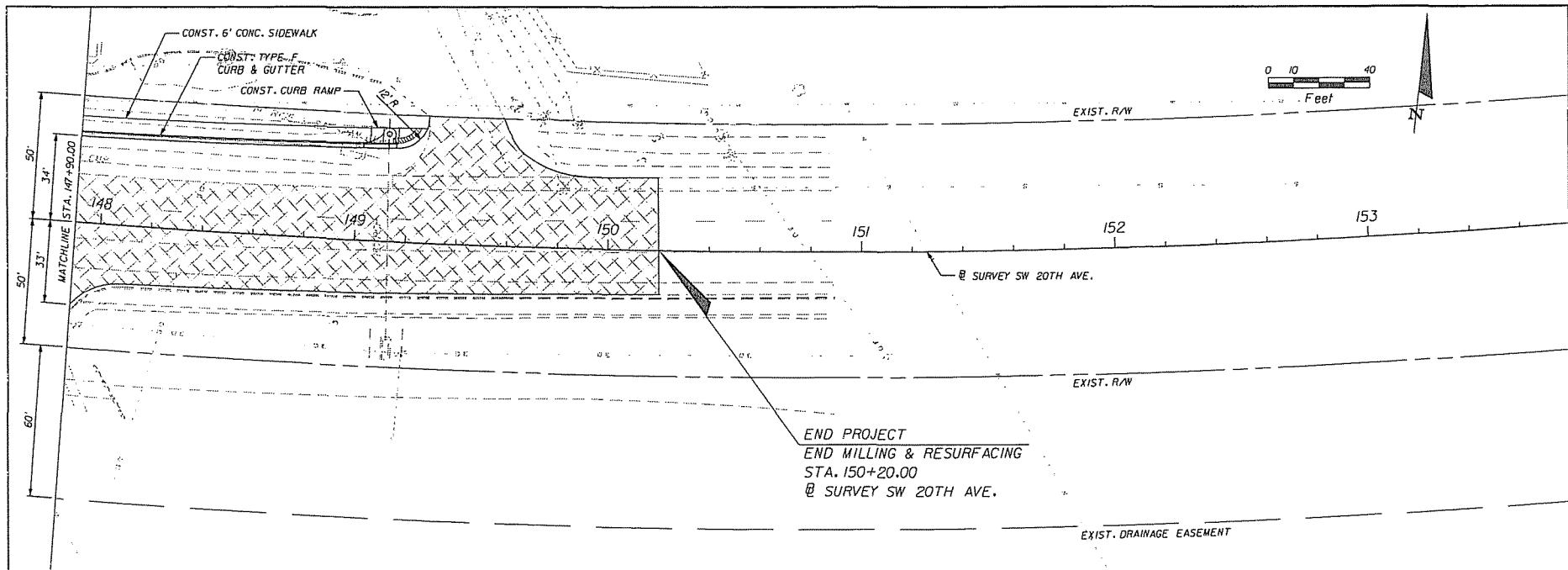
SHEET NO.
12



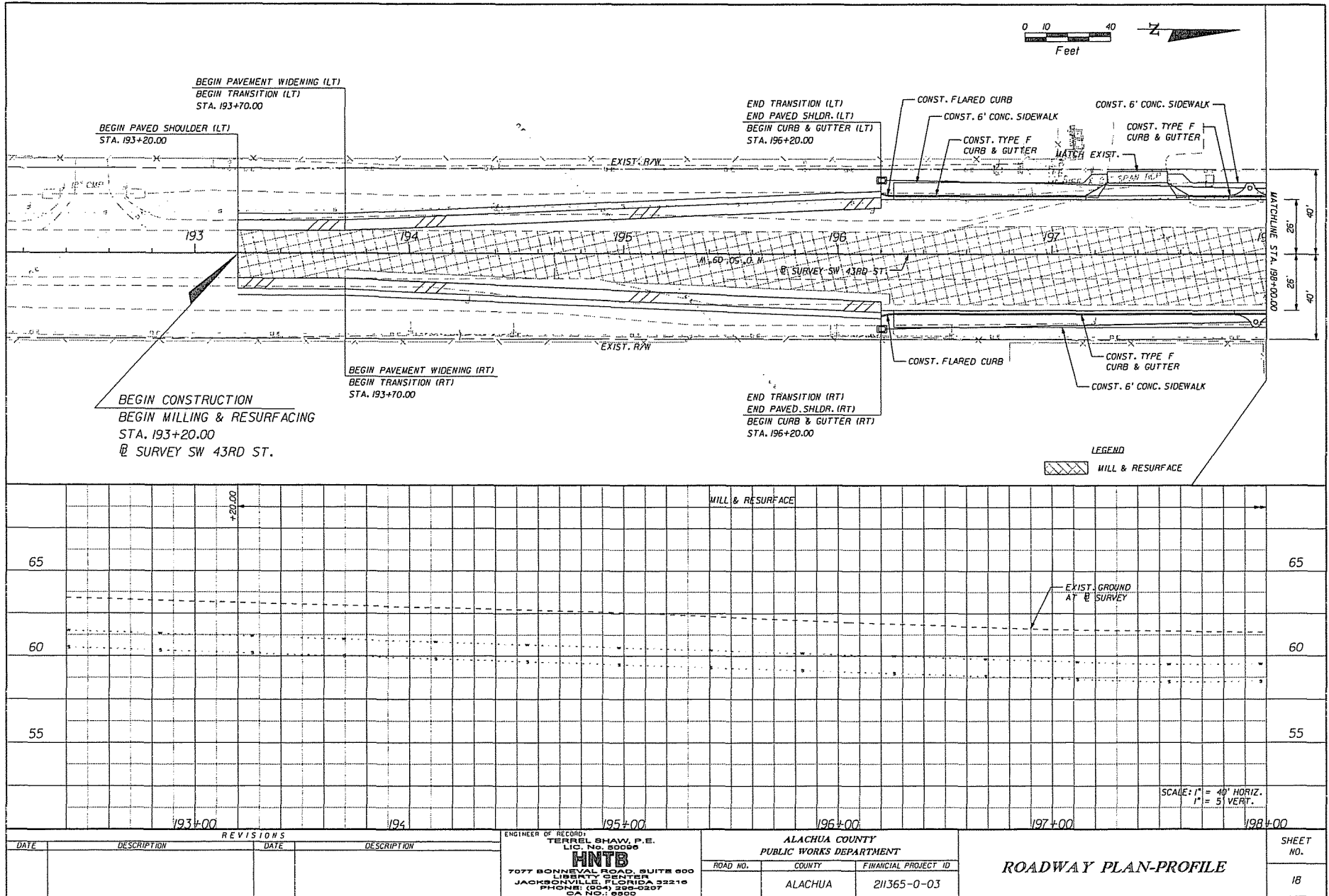


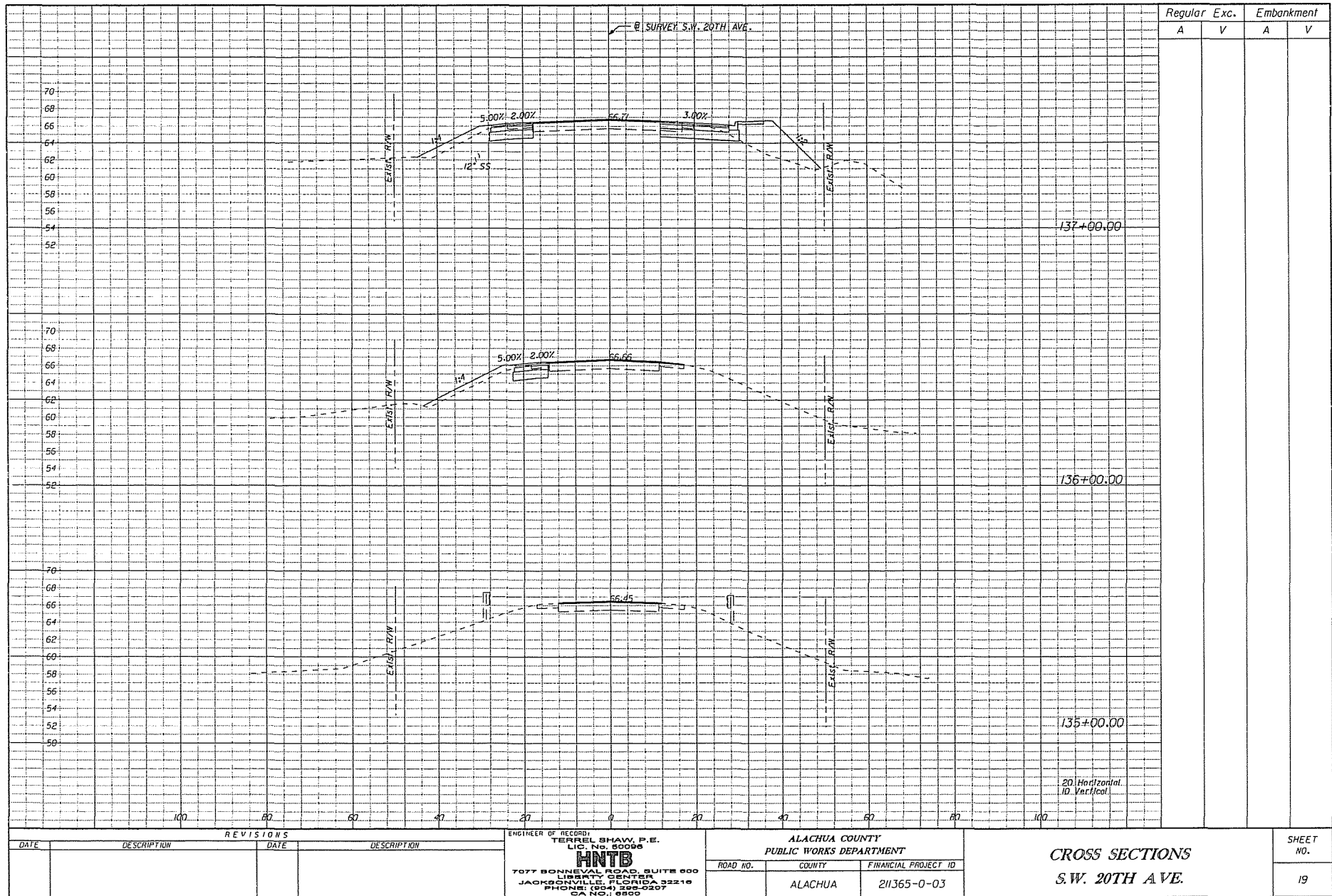


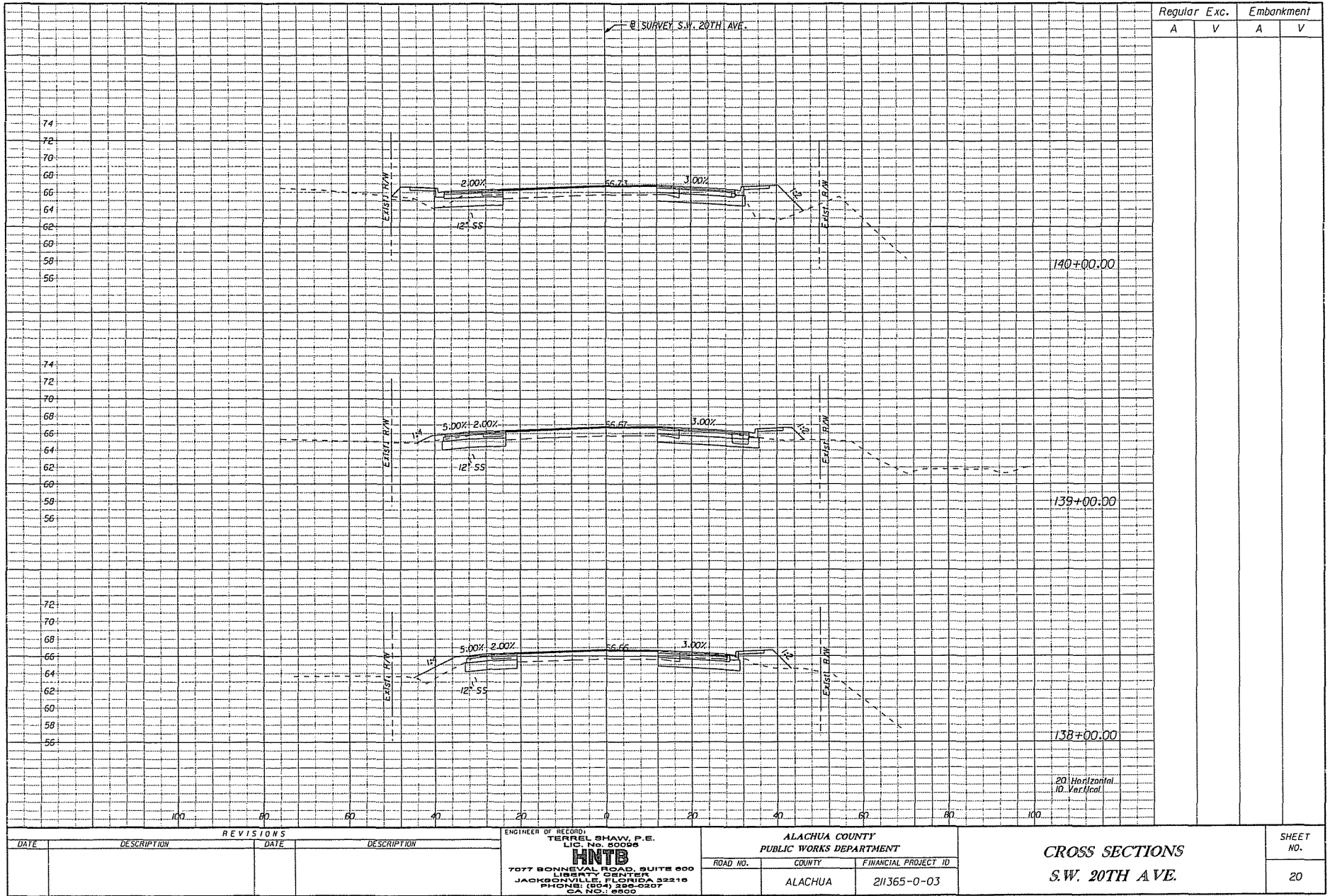


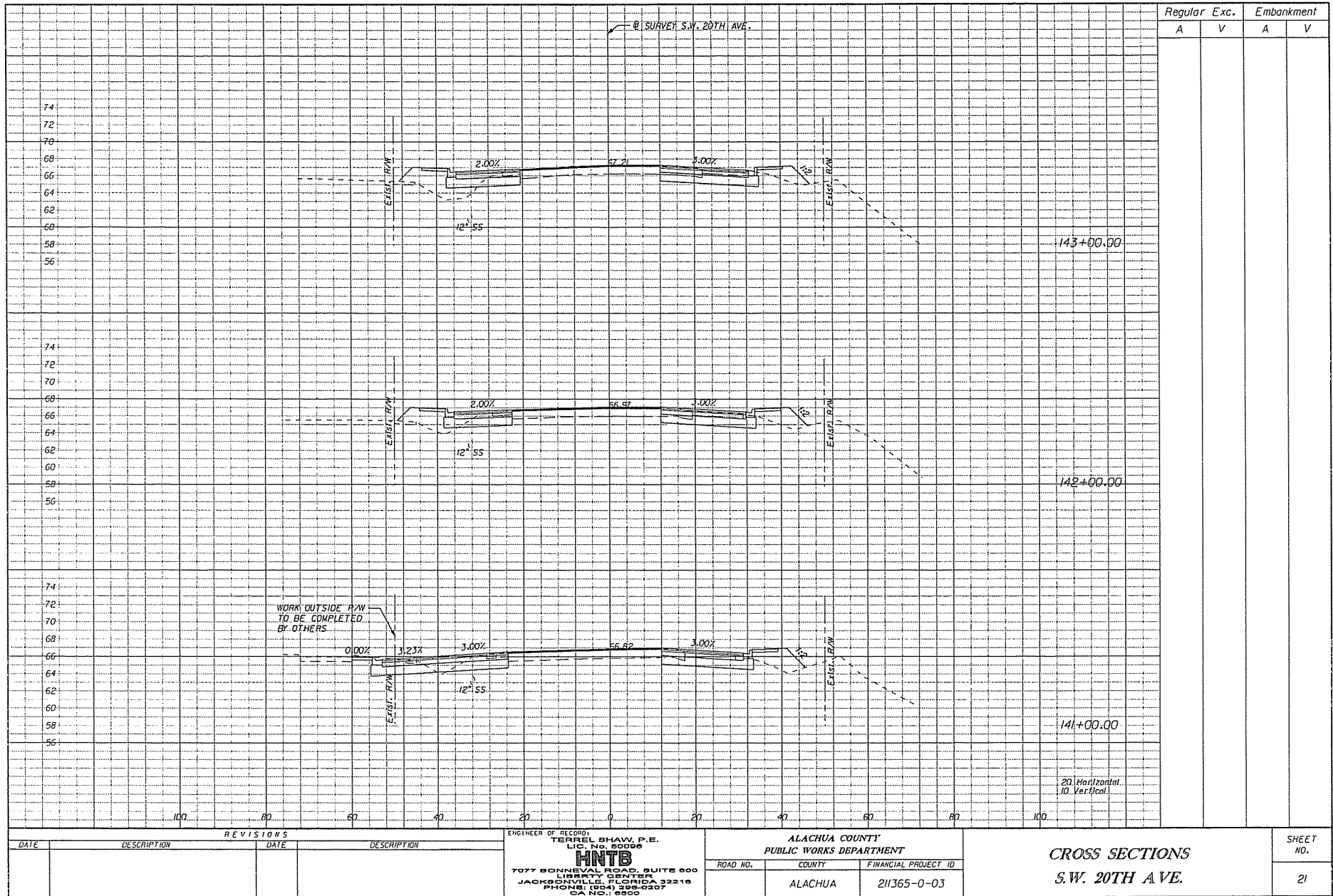


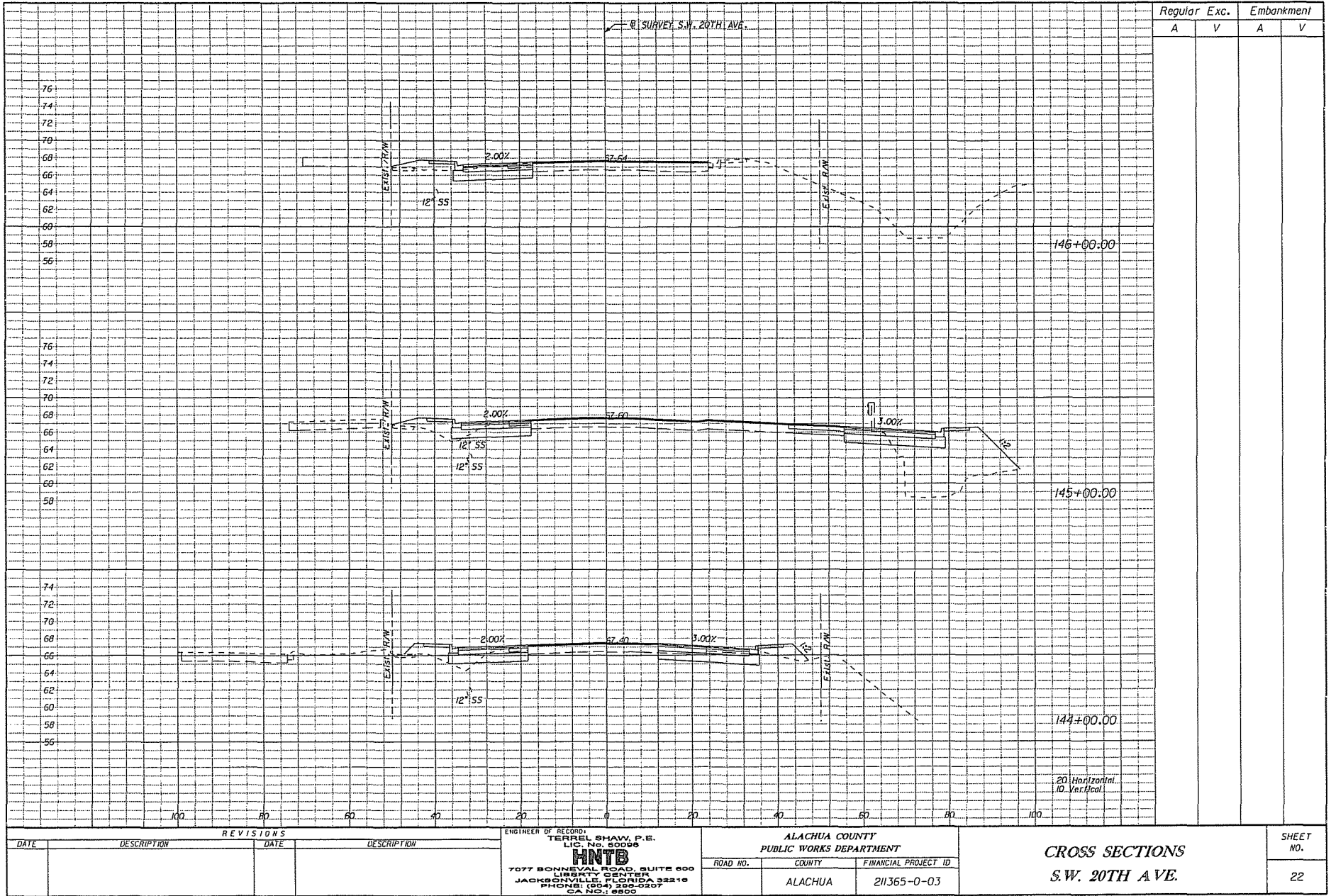
70		MILL & RESURFACE		+20.00		70	
65		EXIST. GROUND AT @ SURVEY				65	
60						60	
+00		149+00		150+00			
DATE		REVISIONS		DESCRIPTION			

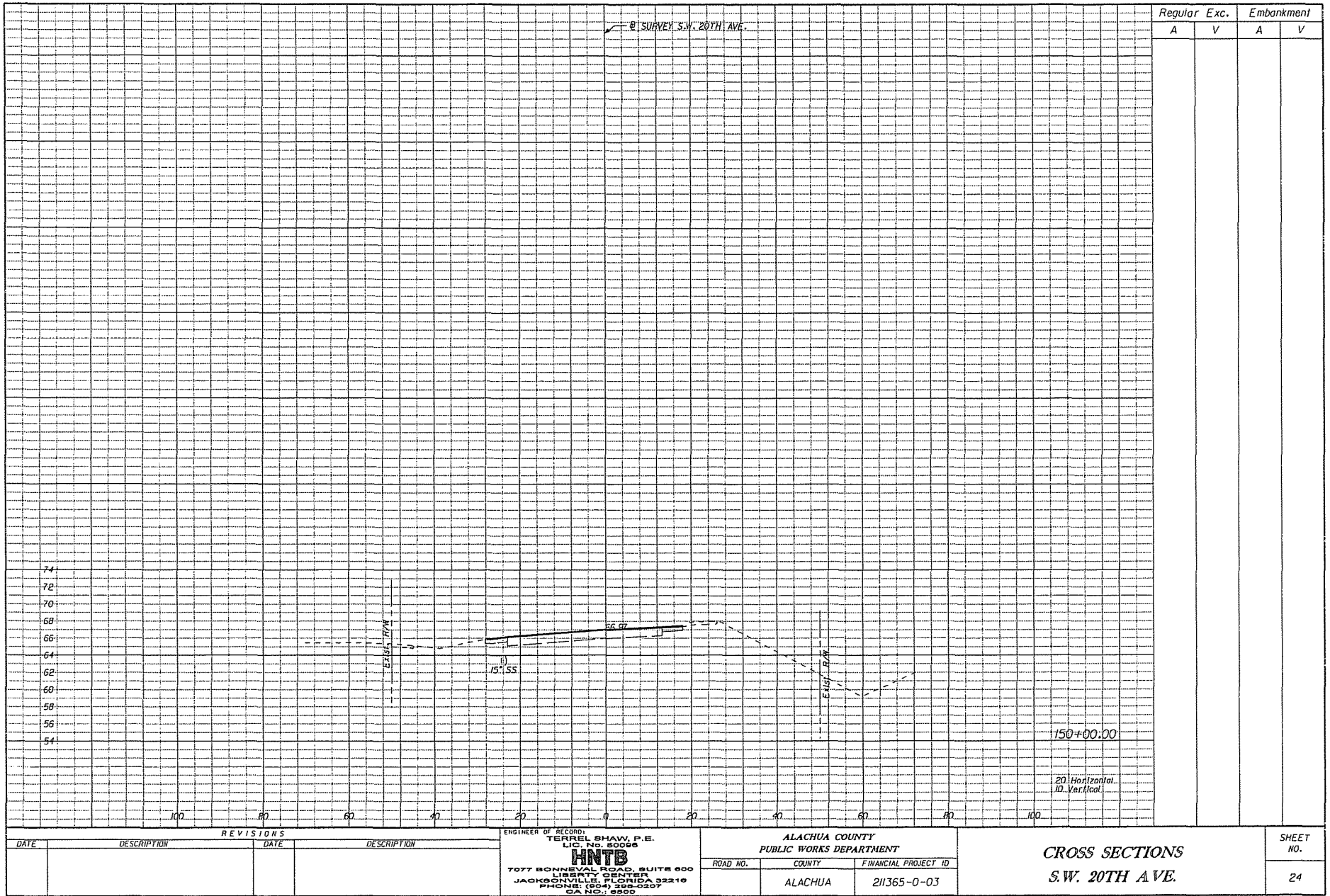


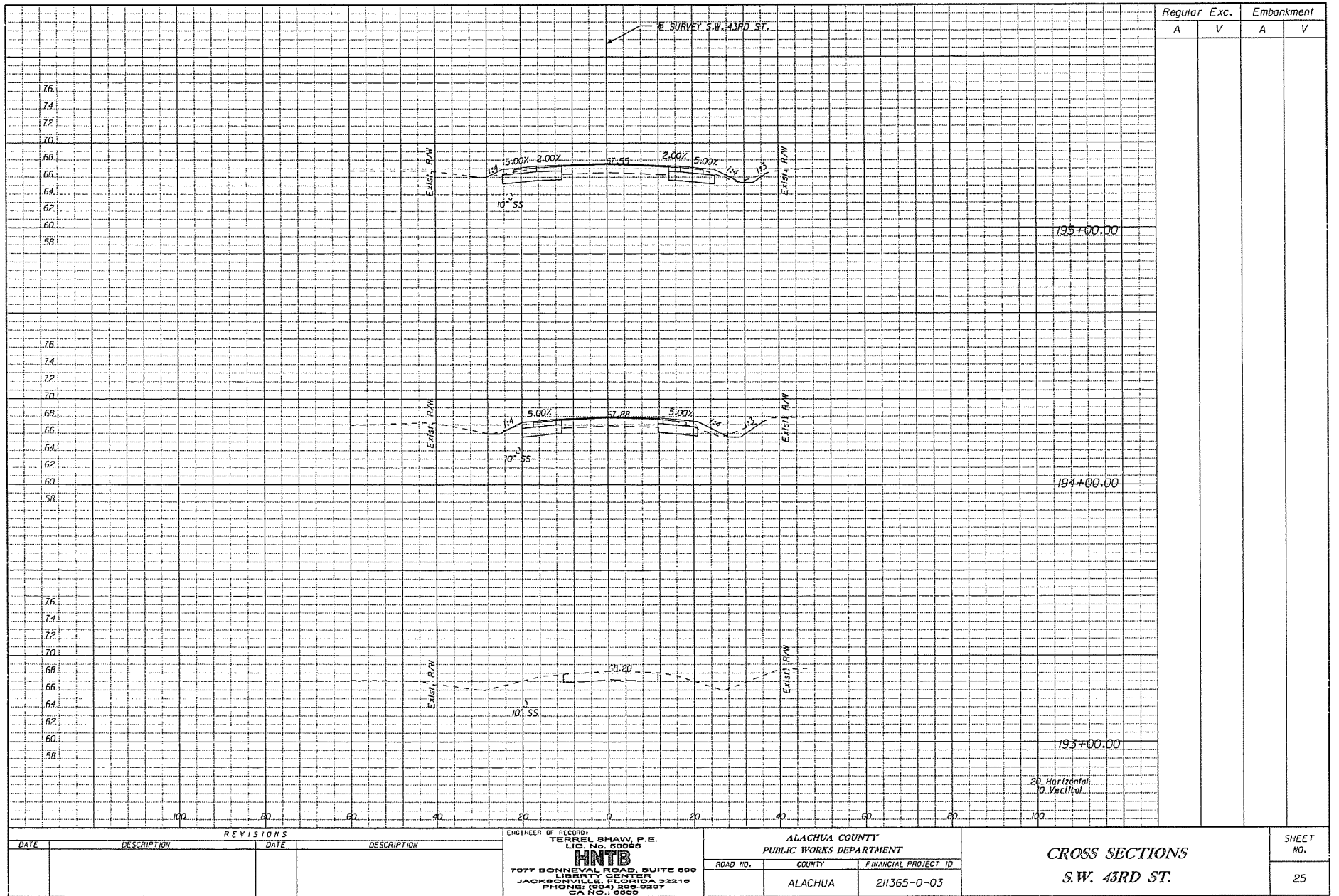


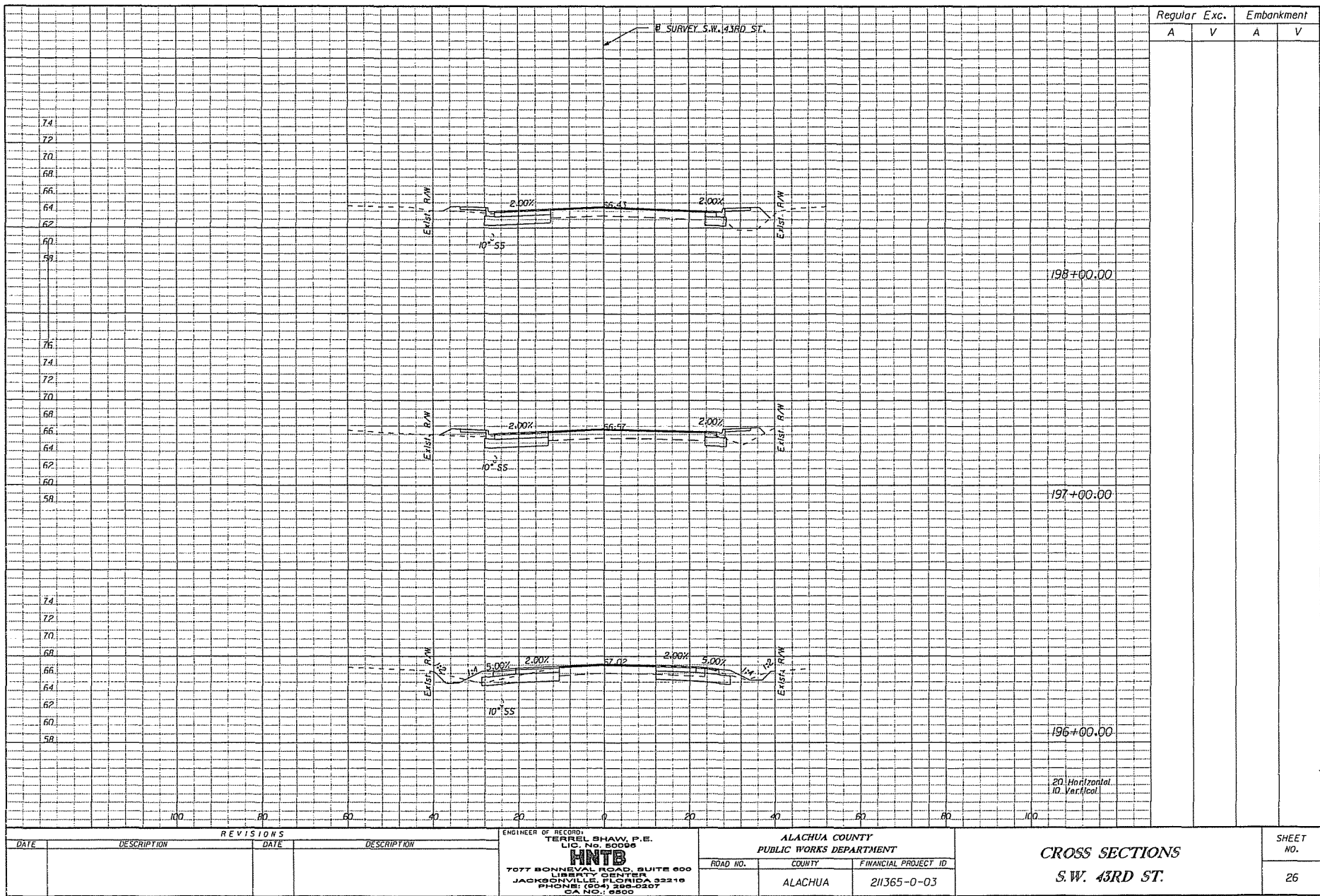












TRAFFIC CONTROL NOTES:

1. TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH FOOT 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 LIMITS ARE 45 MPH FOR ARCHER ROAD AND 40 MPH FOR S.W. 40TH BLVD. 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 NOT 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.
11. 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 1A

- S.W. 20TH AVE
1. ERECT ADVANCE SIGNING, STRIPING AND TRAFFIC CONTROL DEVICES AS SHOWN ON SHEET NO. 31 AND IN ACCORDANCE WITH INDEX NO. 612, INDEX NO. 613 AND INDEX NO. 617 (OTHER INDEXES AS MAY APPLY).
 2. CONSTRUCT DRAINAGE PIPES ACROSS SW 20TH AVENUE.

PHASE 1B

- S.W. 20TH AVE
1. CONSTRUCT DITCH BLOCK SYSTEM SOUTH OF SW 20TH AVE WITHIN THE WORK ZONE SHOWN IN THE TCP PLANS.
 2. SHIFT TRAFFIC TO THE NORTH ON SW 20TH AVE AND COMPLETE THE ROADWAY CONSTRUCTION OF THE SOUTH SIDE OF SW 20TH AVE WITHIN THE WORK ZONE SHOWN IN THE TCP PLANS.
- S.W. 43RD ST.
1. SHIFT TRAFFIC TO THE EAST ON SW 43RD ST AND COMPLETE THE ROADWAY CONSTRUCTION OF THE WEST SIDE OF SW SW 43RD WITHIN THE WORK ZONE SHOWN IN THE TCP PLANS.

PHASE 1C

- S.W. 43RD ST.
1. PLACE TRAFFIC ON THE NEWLY CONSTRUCTED WEST SIDE OF SW 43RD ST AND COMPLETE THE CONSTRUCTION OF THE EAST SIDE OF SW 43RD ST AS SHOWN IN THE TCP PLANS.

PHASE 2

- SW 20TH AVE
1. PLACE TRAFFIC ON THE NEWLY CONSTRUCTED SOUTH SIDE OF SW 20TH AVE AND COMPLETE THE CONSTRUCTION OF THE NORTH SIDE OF SW 20TH AVE AS SHOWN IN THE TCP PLANS.

PHASE 3

1. APPLY FINAL LAYER OF FRICTION COURSE, PAVEMENT MARKINGS AND RPM'S.
2. REMOVE ALL TRAFFIC CONTROL DEVICES

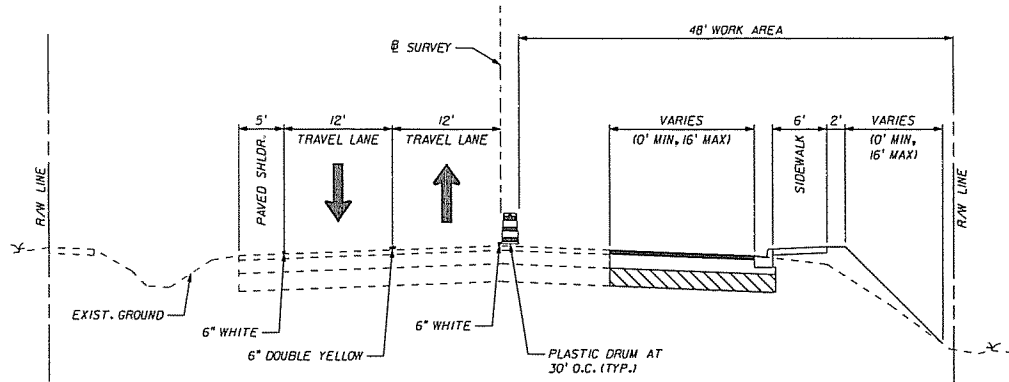
REVISIONS				ENGINEER OF RECORD TERREL SHAW, P.E. LIC. No. 50096 HNTB 7077 BONNEVAL ROAD, SUITE 600 LIBERTY CENTER JACKSONVILLE, FLORIDA 32216 PHONE: (904) 266-0207 CA NO. 16800	ALACHUA COUNTY PUBLIC WORKS DEPARTMENT			TRAFFIC CONTROL PLAN GENERAL NOTES	SHEET NO. 28
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ALACHUA	211365-0-03		

ms/rjn

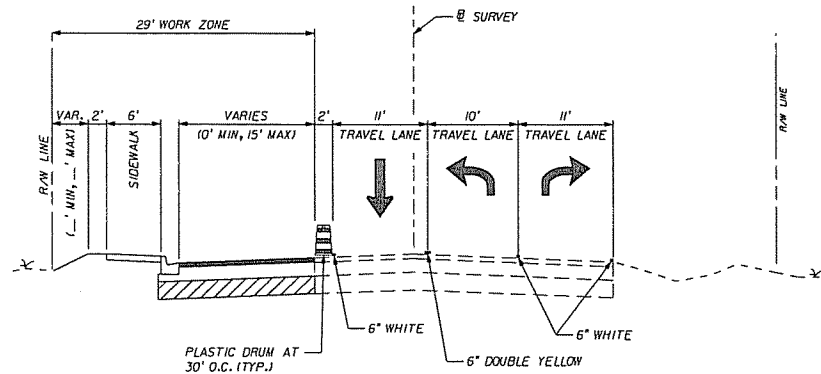
05/02/2009

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TCPW000.DGN



CONSTRUCTION PHASE 1B
S.W. 20TH AVE.
STA. 134+50.00 TO STA. 144+59.64



CONSTRUCTION PHASE 1B
S.W. 43RD ST.
STA. 193+20.00 TO STA. 199+26.04

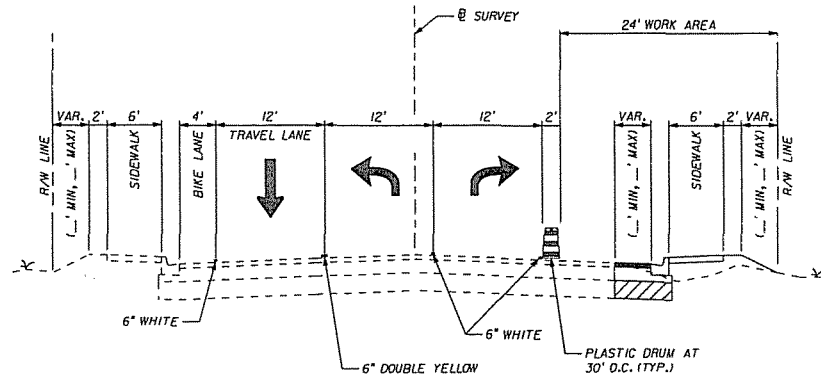
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY		
						ALACHUA	211365-0-03	

merwin

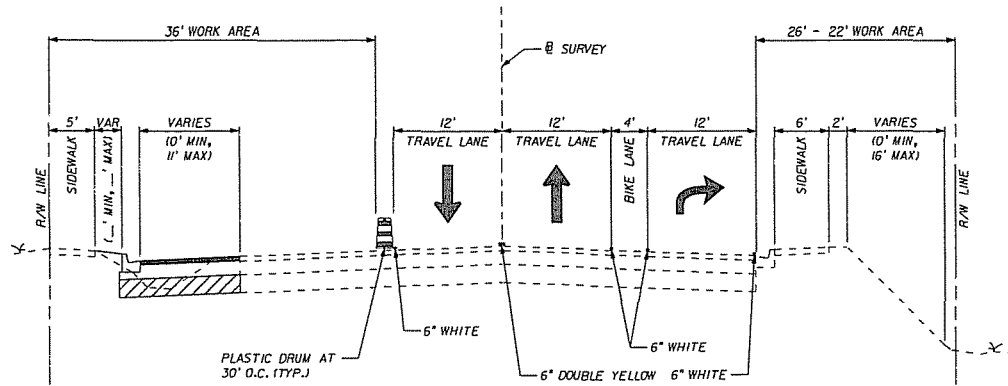
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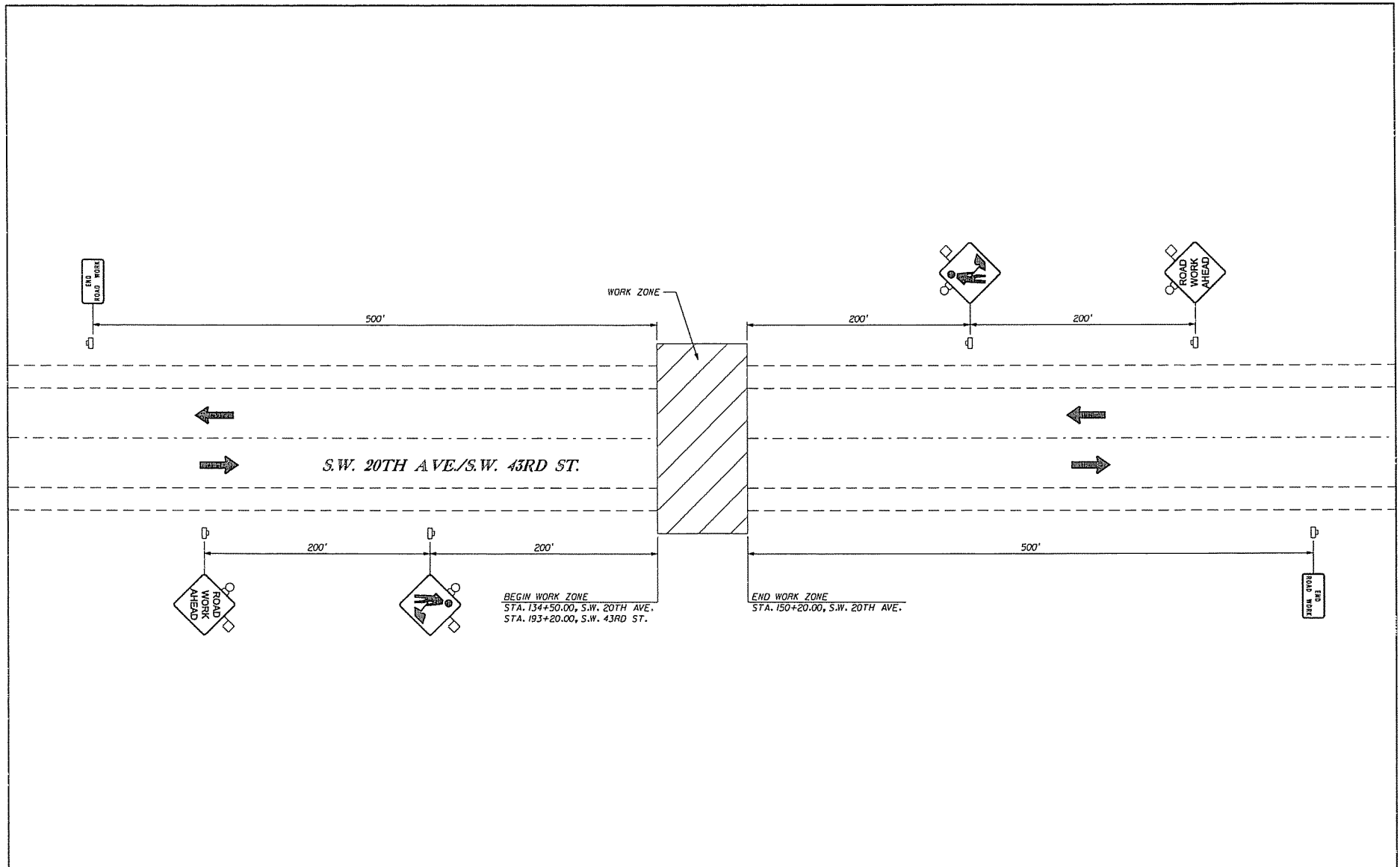


CONSTRUCTION PHASE 1C
S.W. 43RD ST.
STA. 193+20.00 TO STA. 198+84.41



CONSTRUCTION PHASE 2
S.W. 20TH AVE.
STA. 134+50.00 TO STA. 150+20.00

REVISIONS				ENGINEER OF RECORD TERREL SHAW, P.E. LIC. NO. 50096 HNTB 7077 BONNEVAL ROAD, SUITE 600 LIBERTY CENTER JACKSONVILLE, FLORIDA 32218 PHONE: (904) 266-0207 CA NO. 1 6950	ALACHUA COUNTY PUBLIC WORKS DEPARTMENT		TRAFFIC CONTROL PLAN TYPICAL SECTIONS	SHEET NO. 30
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY		
						ALACHUA	FINANCIAL PROJECT ID 211365-0-03	



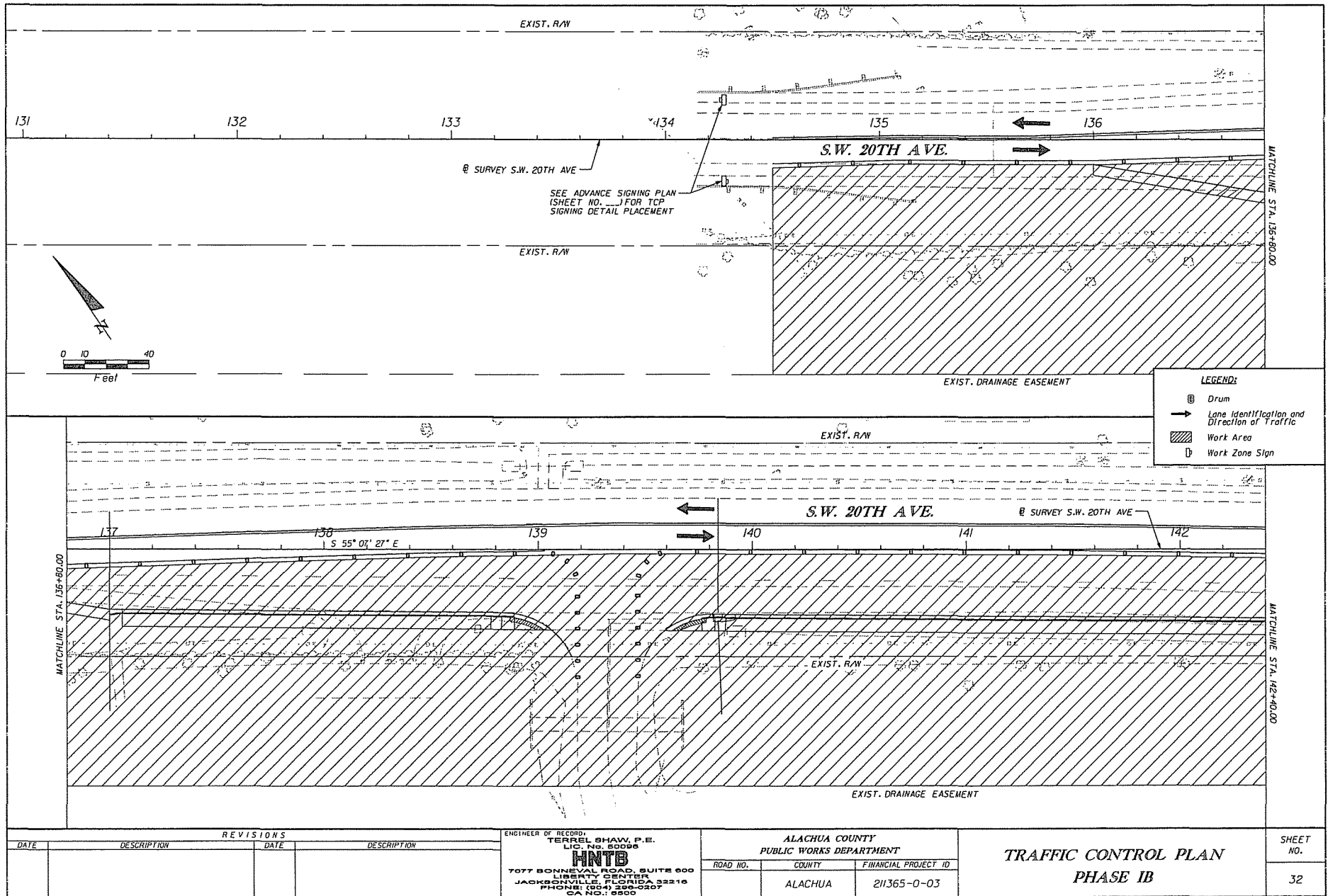
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID	
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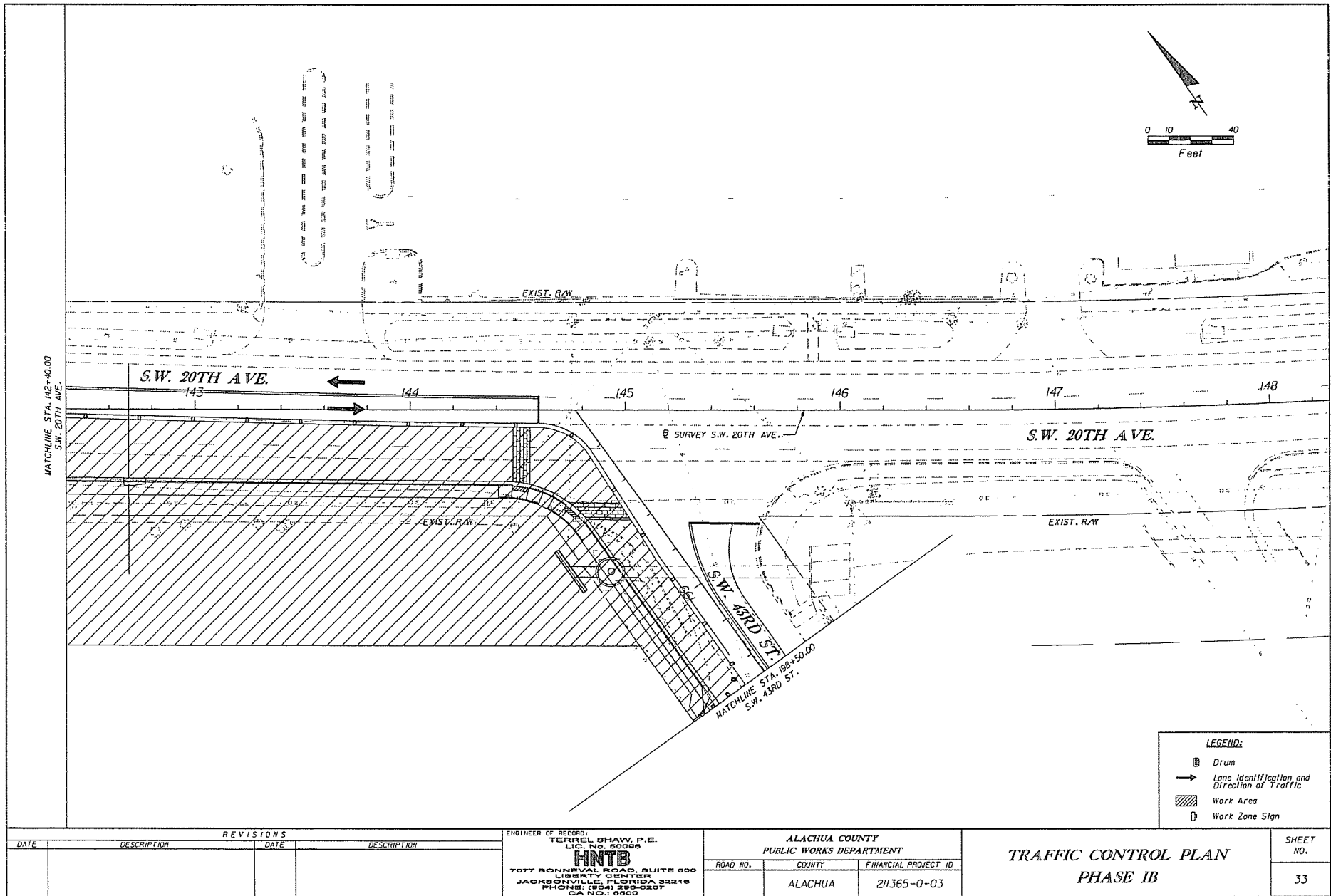
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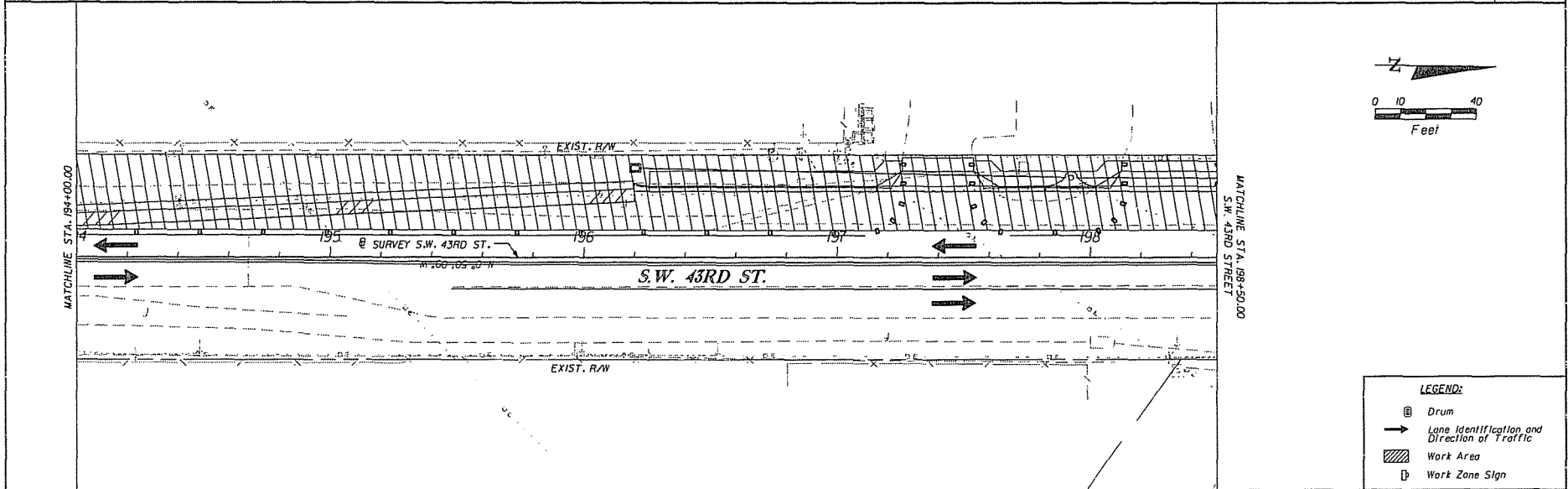
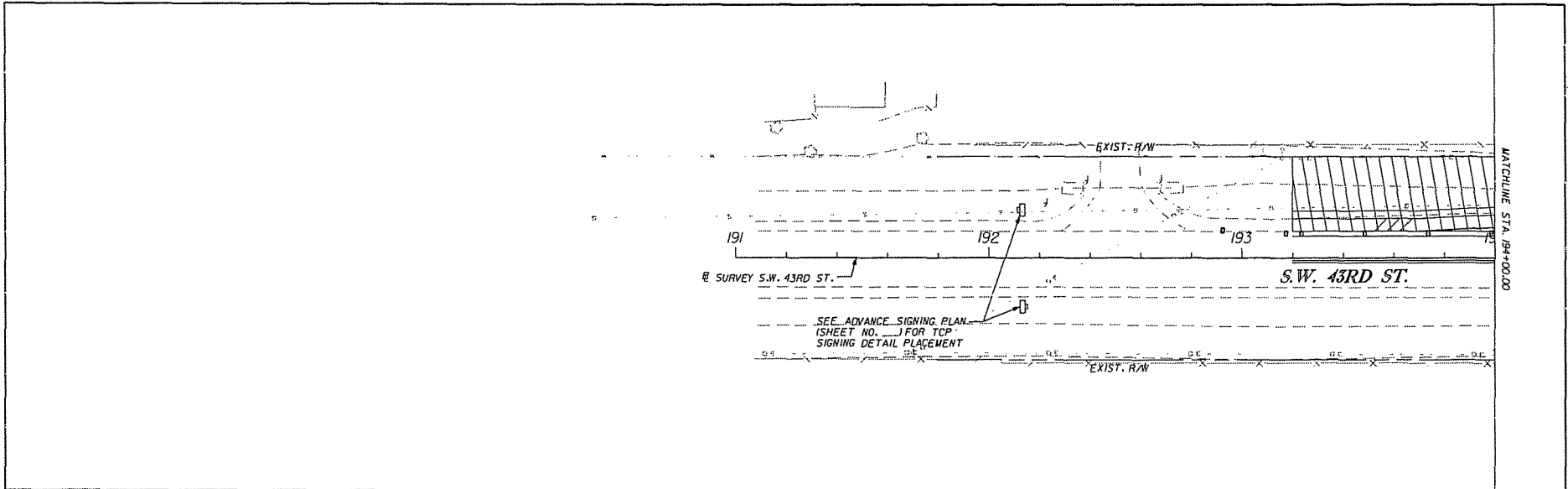
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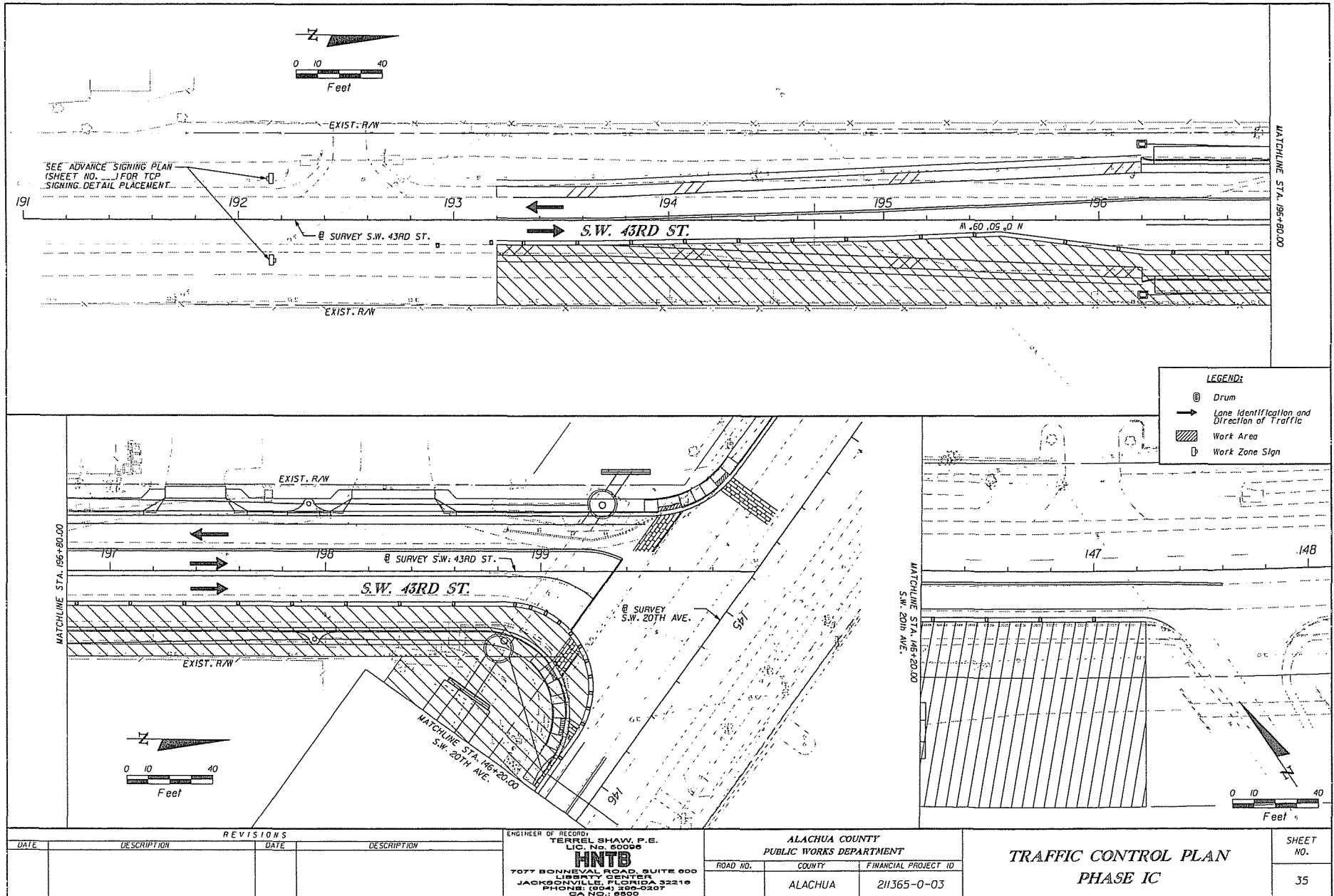
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY		
						ALACHUA	211365-0-03	

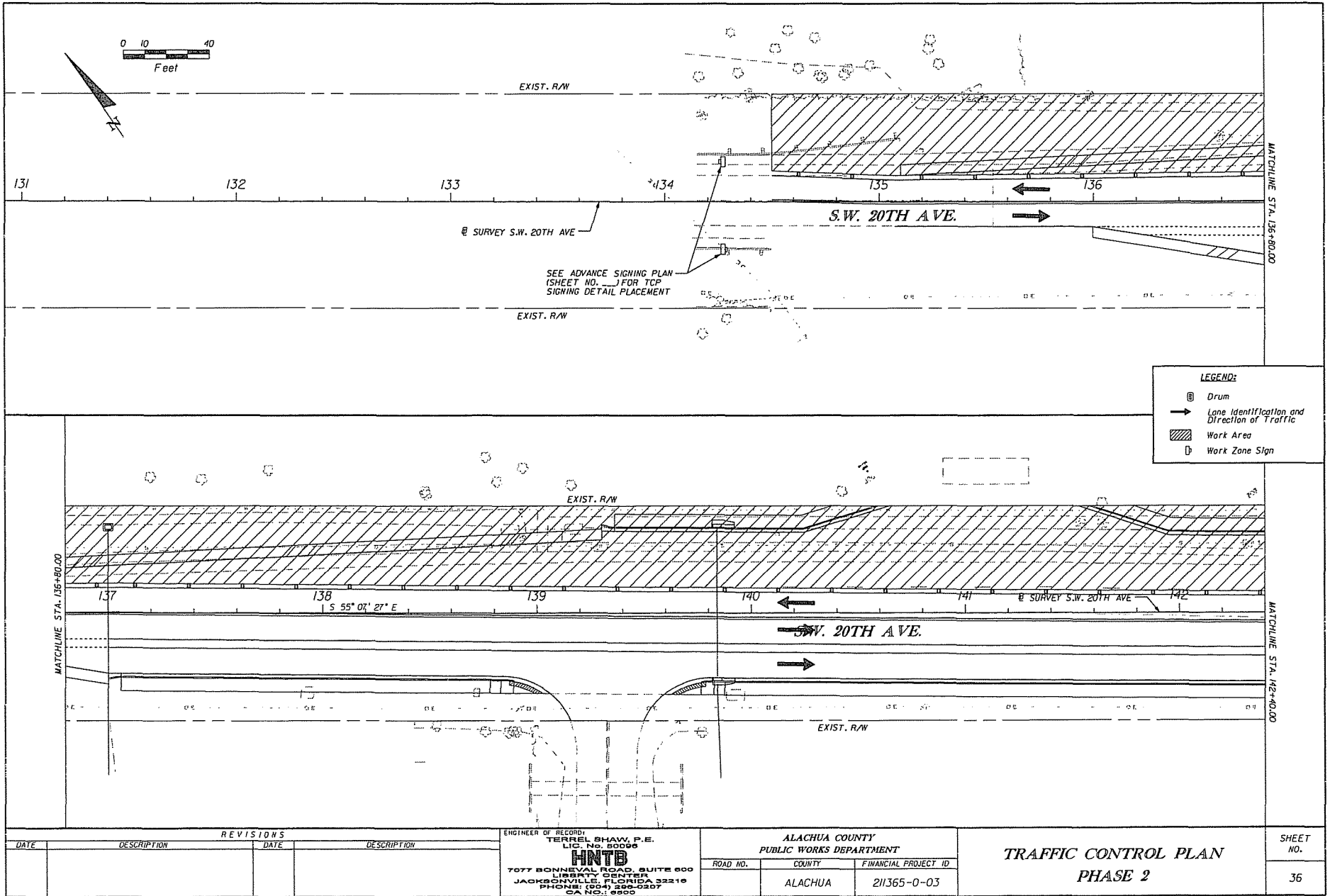
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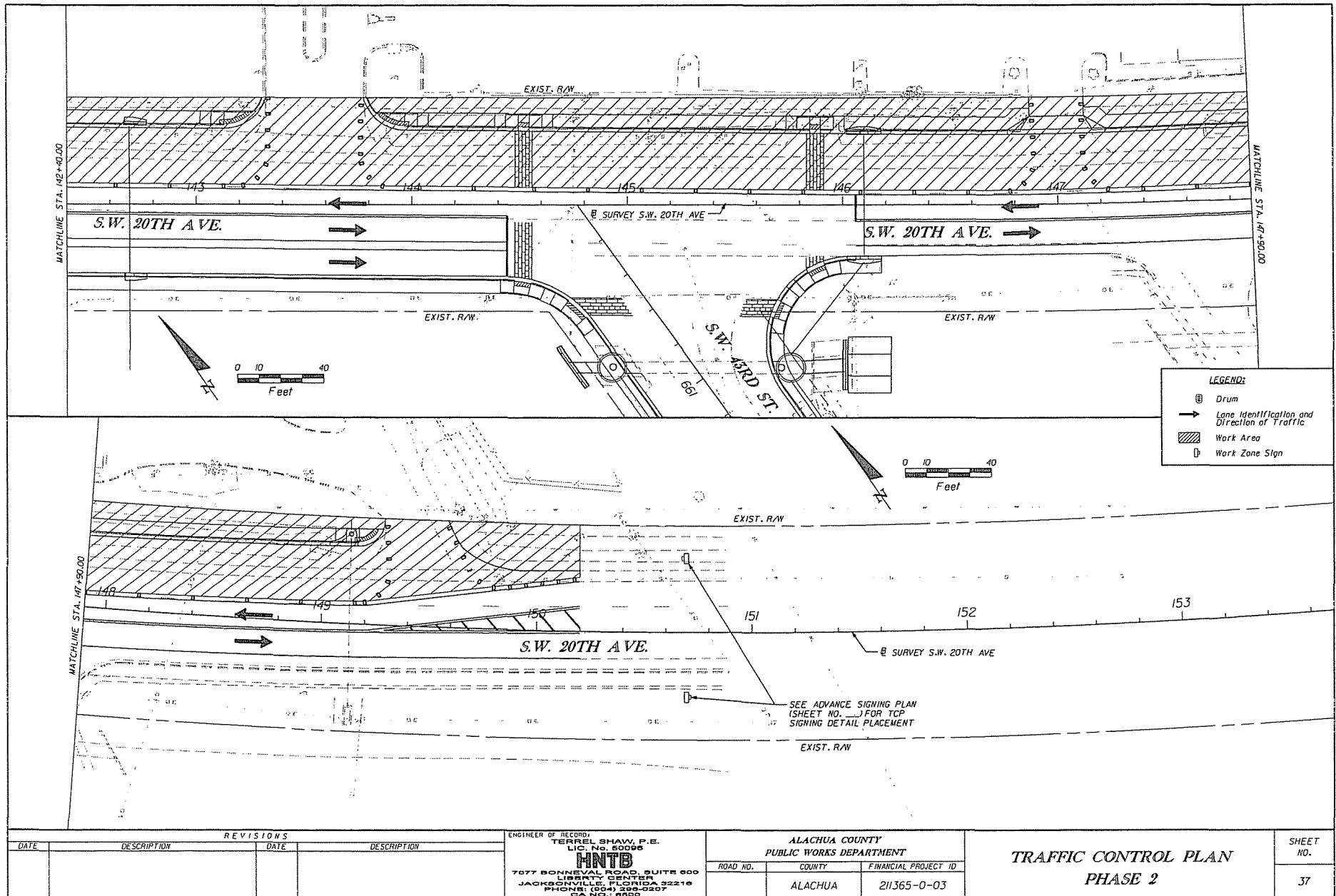
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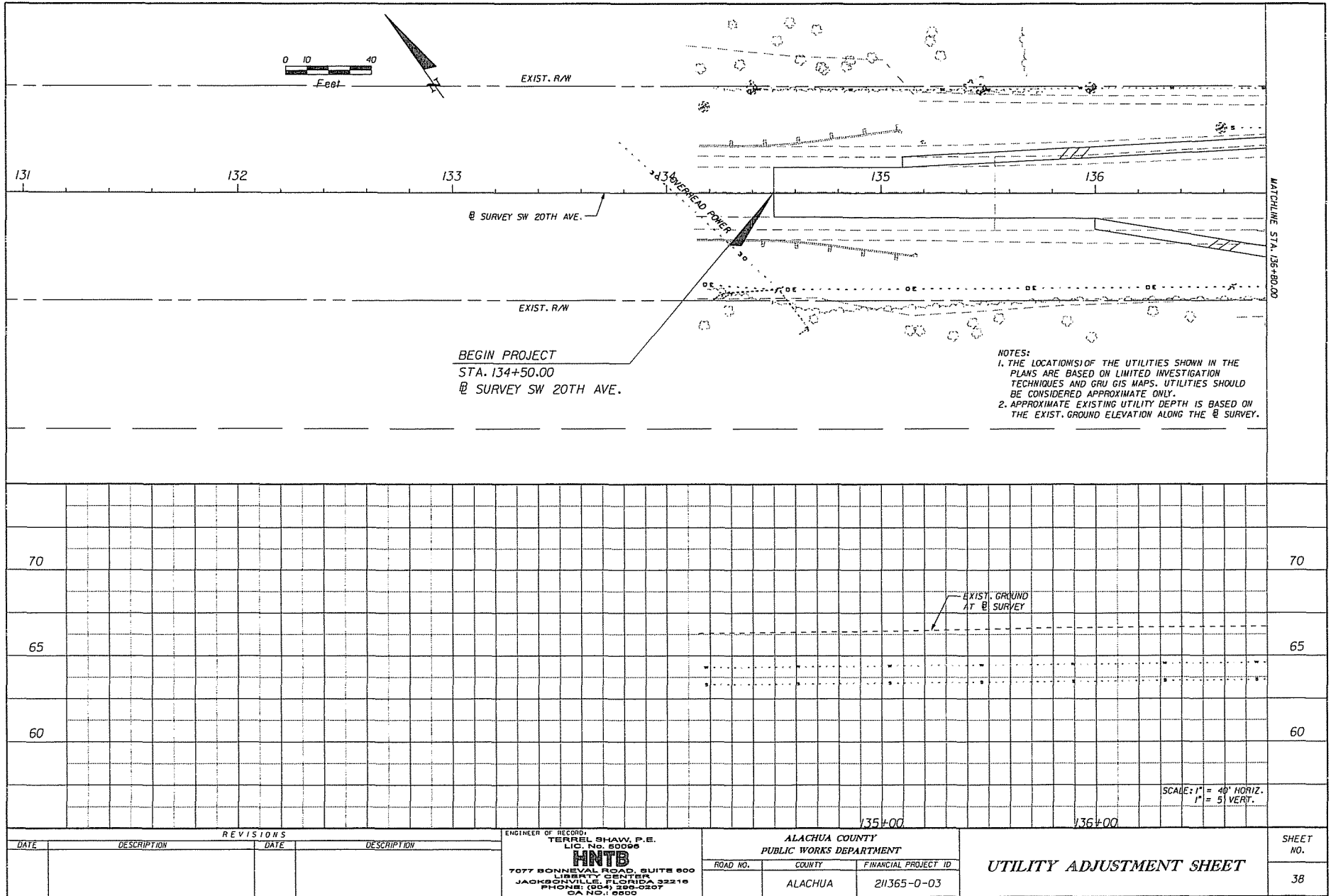
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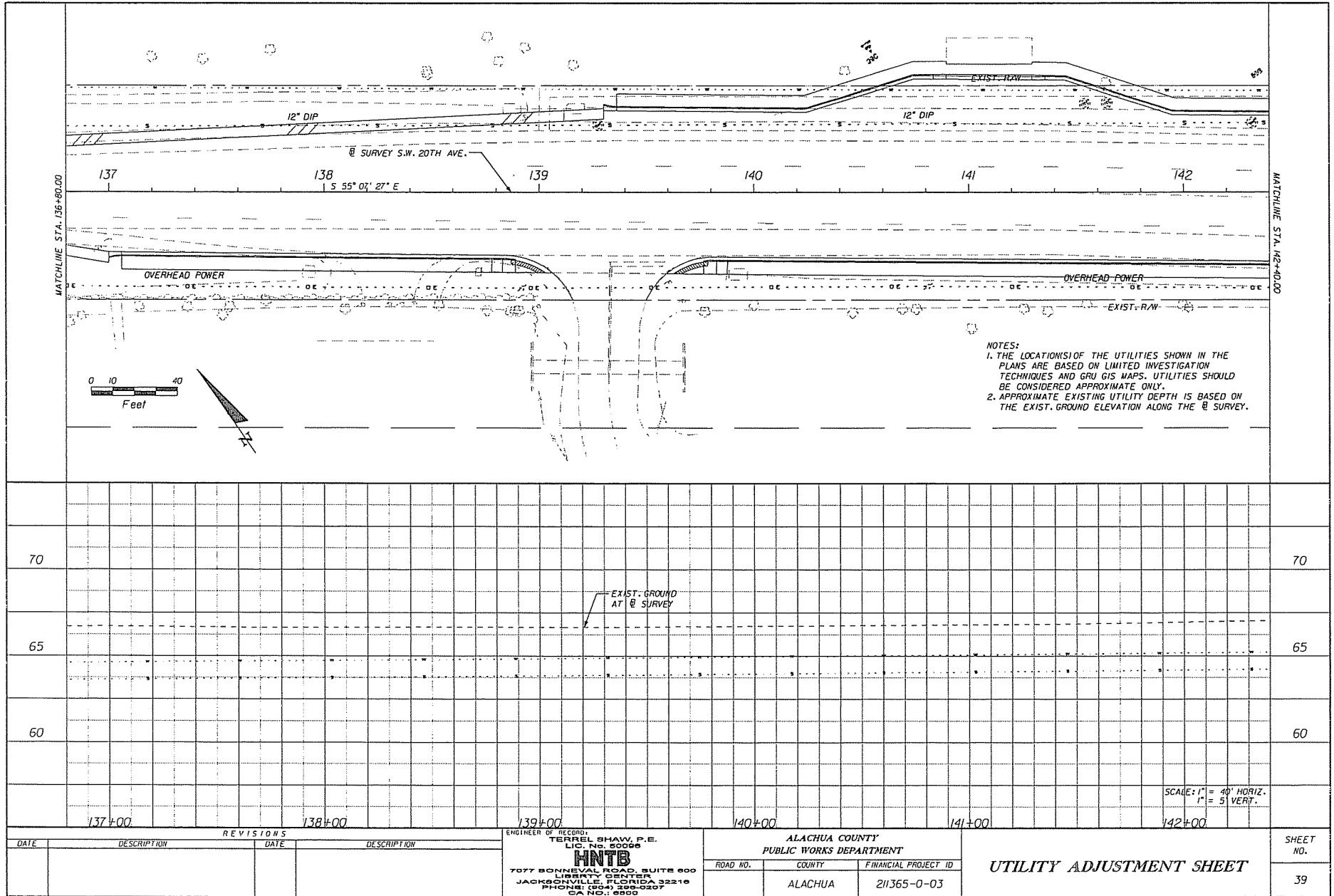
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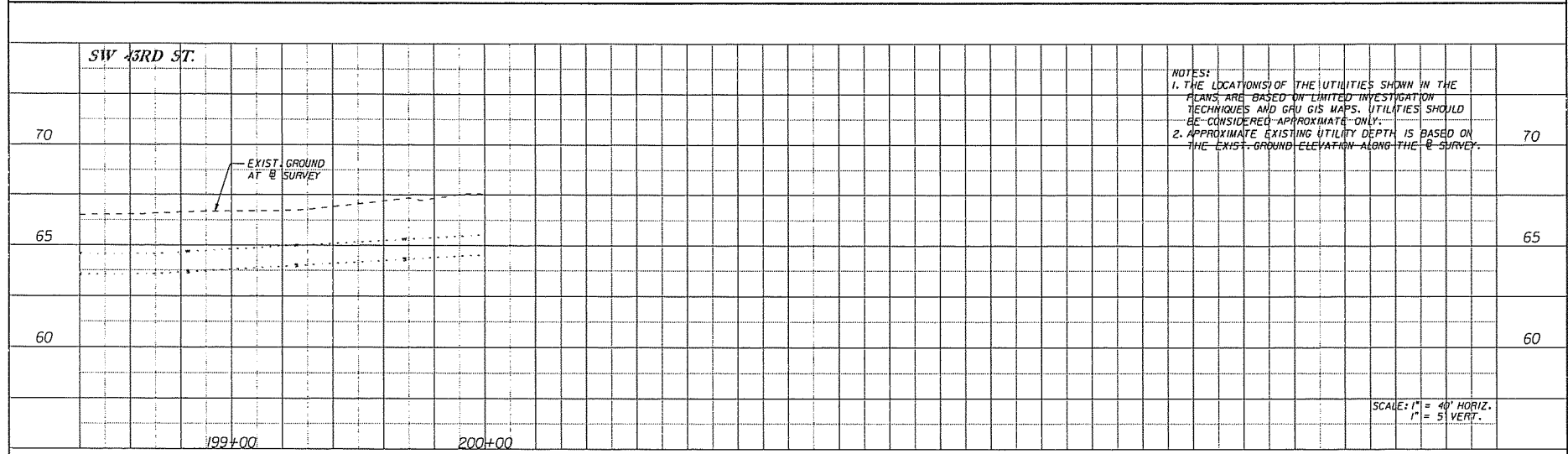
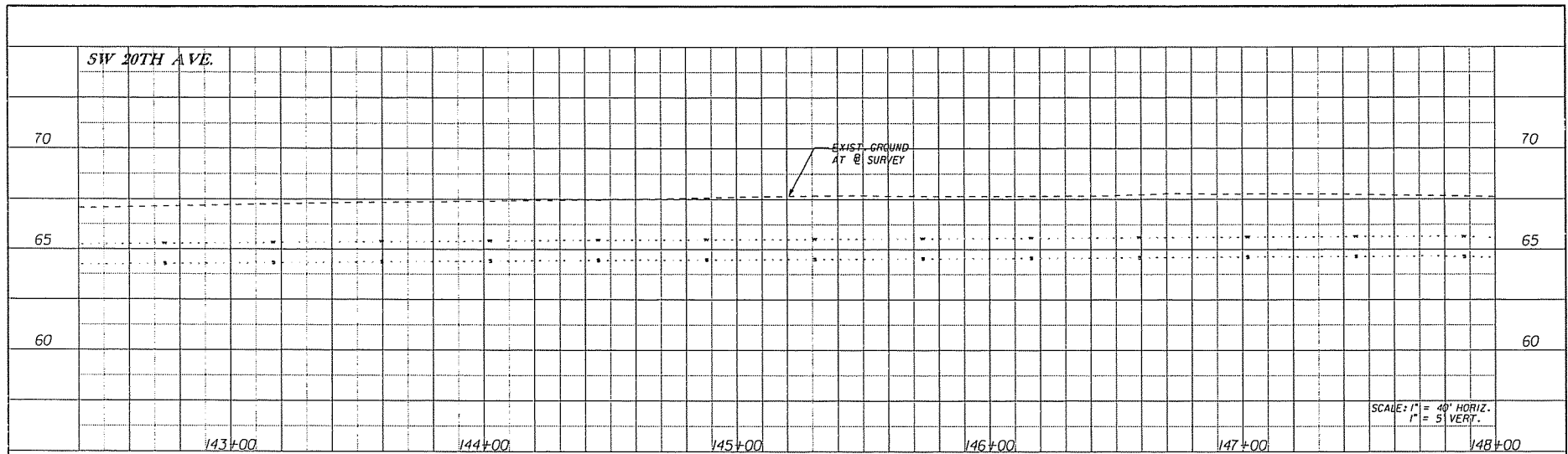








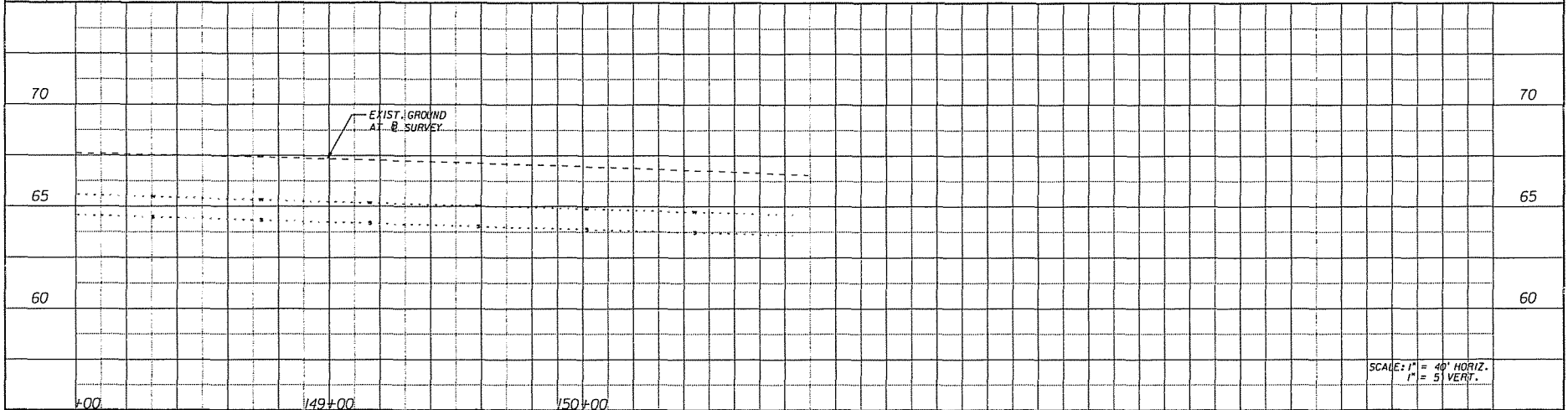
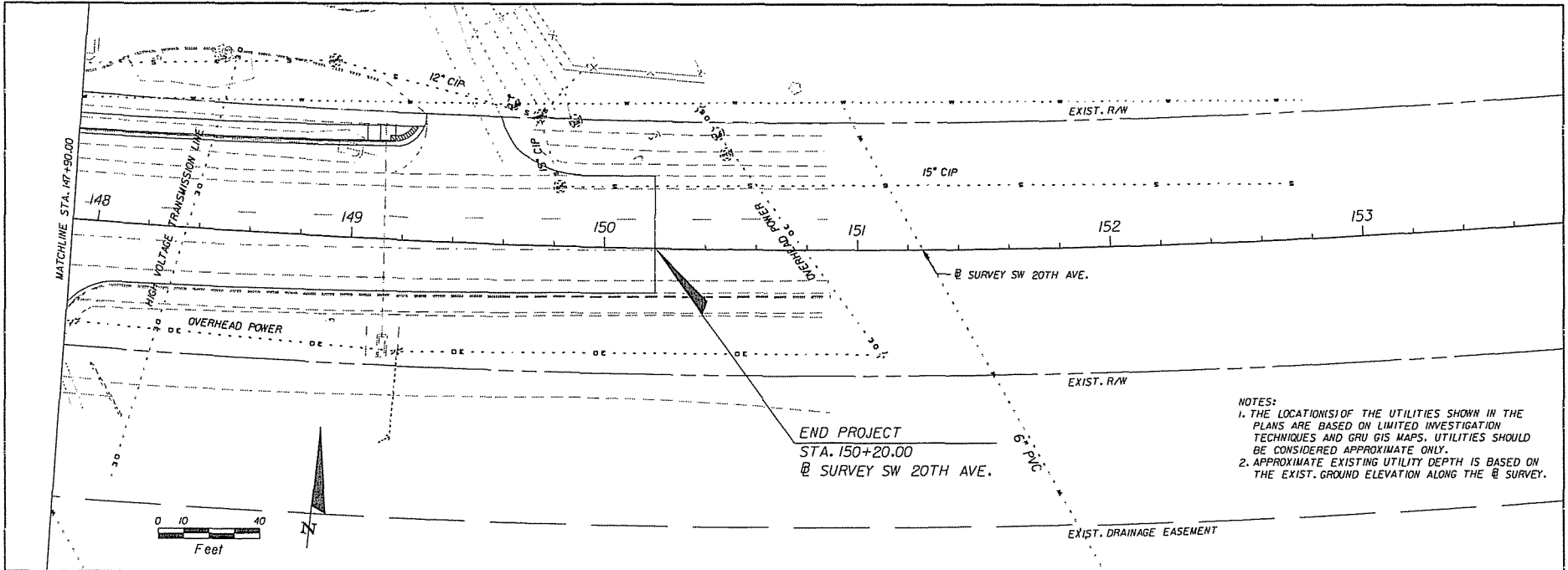




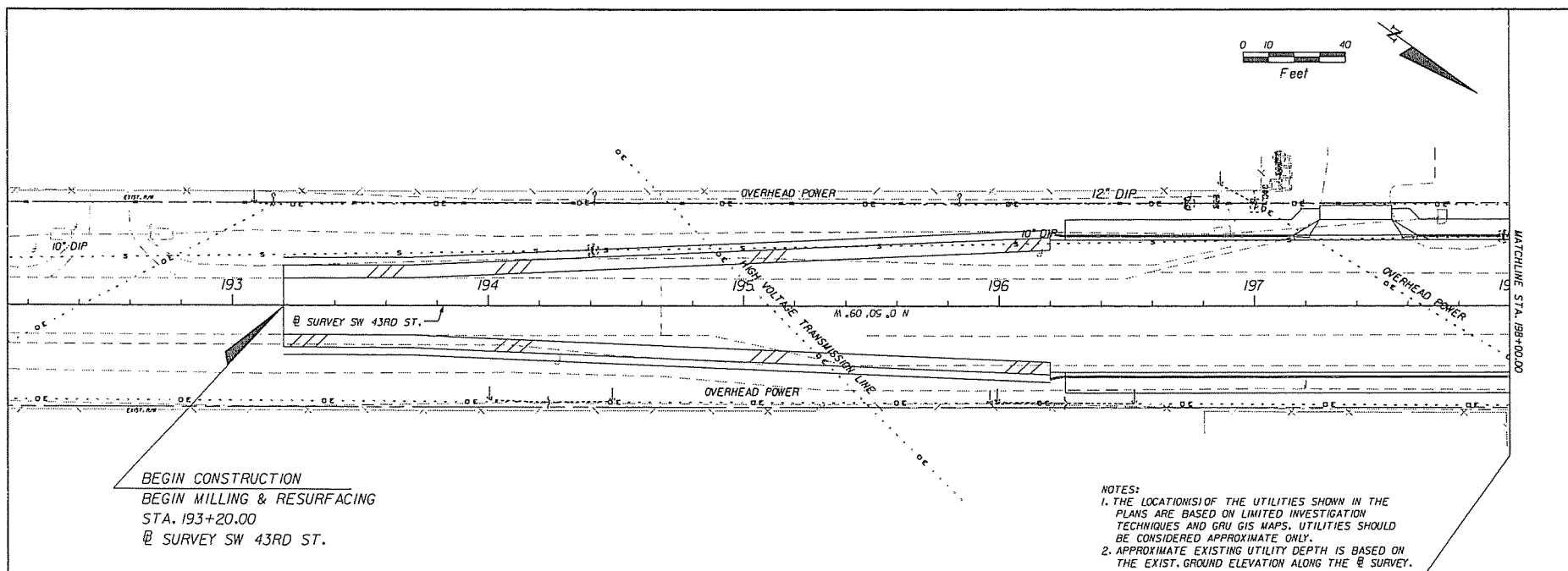
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY		
						ALACHUA	211365-0-03	

msw/m

05/02/2009 2:38:13 PM UT4BDD04.DGN



REVISIONS				ENGINEER OF RECORD: TERREL SHAW, P.E. LIC. No. 50098 HNTB 7077 BONNEVAL ROAD, SUITE 500 LIBERTY CENTER JACKSONVILLE, FLORIDA 32218 PHONE: (904) 295-0207 CA NO.: 6500	ALACHUA COUNTY PUBLIC WORKS DEPARTMENT			UTILITY ADJUSTMENT SHEET	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		42
						ALACHUA	211365-0-03		



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

May 12, 2009

TO: Metropolitan Transportation Planning Organization (MTPO)

FROM: Marlie Sanderson, AICP, Director of Transportation Planning

SUBJECT: SW 62nd Connector Interim Projects 30 Percent Design Plans-
Smart Bus Bay on SW 20th Avenue

STAFF RECOMMENDATION

Develop MTPO recommendations.

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 30 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. For a full color presentation of the slideshow, refer to the following website:

http://ncfrpc.org/mtpo/Full%20packets/Design_Team/SW62bdInterimProj30percent_may0809.pdf

Exhibit 2 includes the 30 percent design plans. To also review the full set of design plans, refer to the following website:

[http://ncfrpc.org/mtpo/Full%20packets/Design_Team/09-05-02%20-%20Plans%20-%20Phase%20I%20Submittal%20\(Smart%20Bus%20Bay\).pdf](http://ncfrpc.org/mtpo/Full%20packets/Design_Team/09-05-02%20-%20Plans%20-%20Phase%20I%20Submittal%20(Smart%20Bus%20Bay).pdf)

Smart Bus Bay on SW 20 th 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

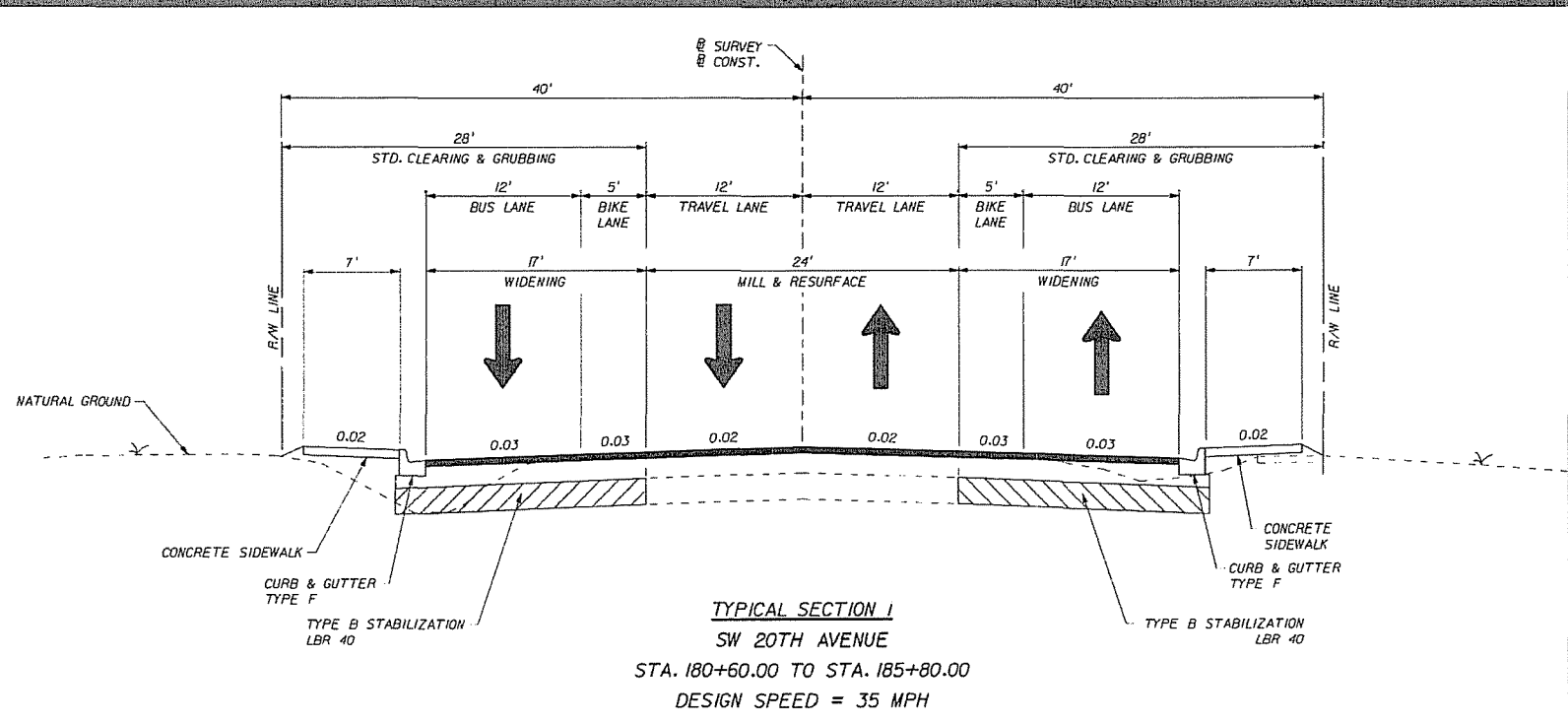
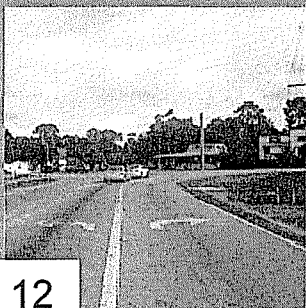
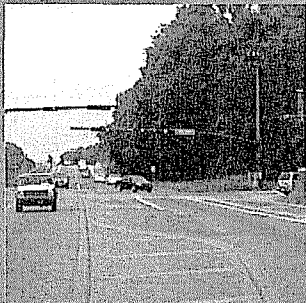
HNTB

Smart Bus Bay on SW 20th Avenue

EXHIBIT 1



Smart Bus Bay on SW 20th Avenue



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
1	KEY SHEET
2	TYPICAL SECTION
3	GENERAL NOTES
4	ROADWAY PLAN-PROFILE
5 - 8	CROSS SECTIONS
9 - 11	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.

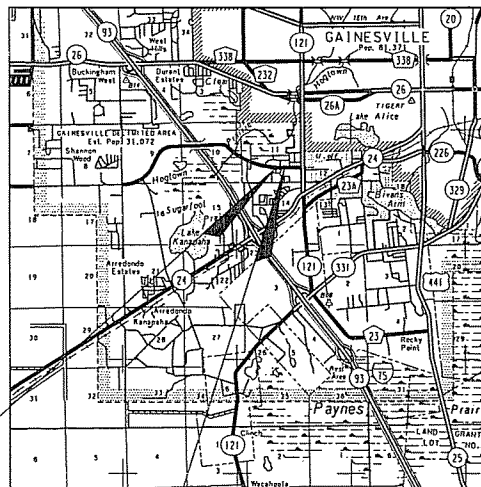
APPLICABLE DESIGN STANDARDS MODIFICATIONS: TBA
For Design Standards modifications click on:
<http://www.dot.state.fl.us/roadsign/>

REVISIONS

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



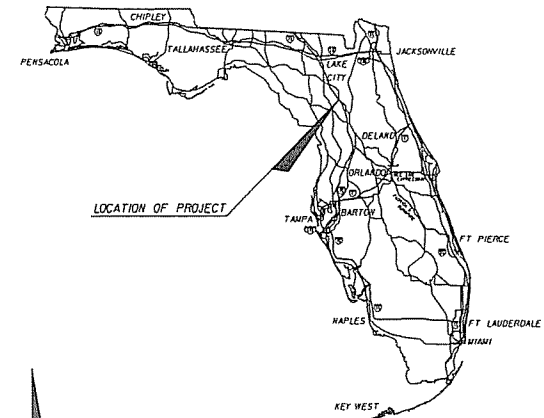
BEGIN PROJECT
STA. 180+60.00

END PROJECT
STA. 185+80.00

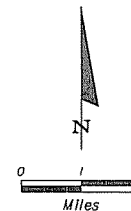
PROJECT LENGTH IS BASED ON E OF CONSTRUCTION

LENGTH OF PROJECT		
	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:



LOCATION OF PROJECT



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) 286-0207
FAX NO. (904) 279-0260

PLANS PREPARED BY:

HNTB

HNTB CORPORATION
7077 BONNEVAL ROAD
SUITE 600, LIBERTY CENTER
JACKSONVILLE, FL 32218
PHONE NO. (904) 286-0207
FAX NO. (904) 279-0260
CERT. OF AUTH. NO. 6500

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

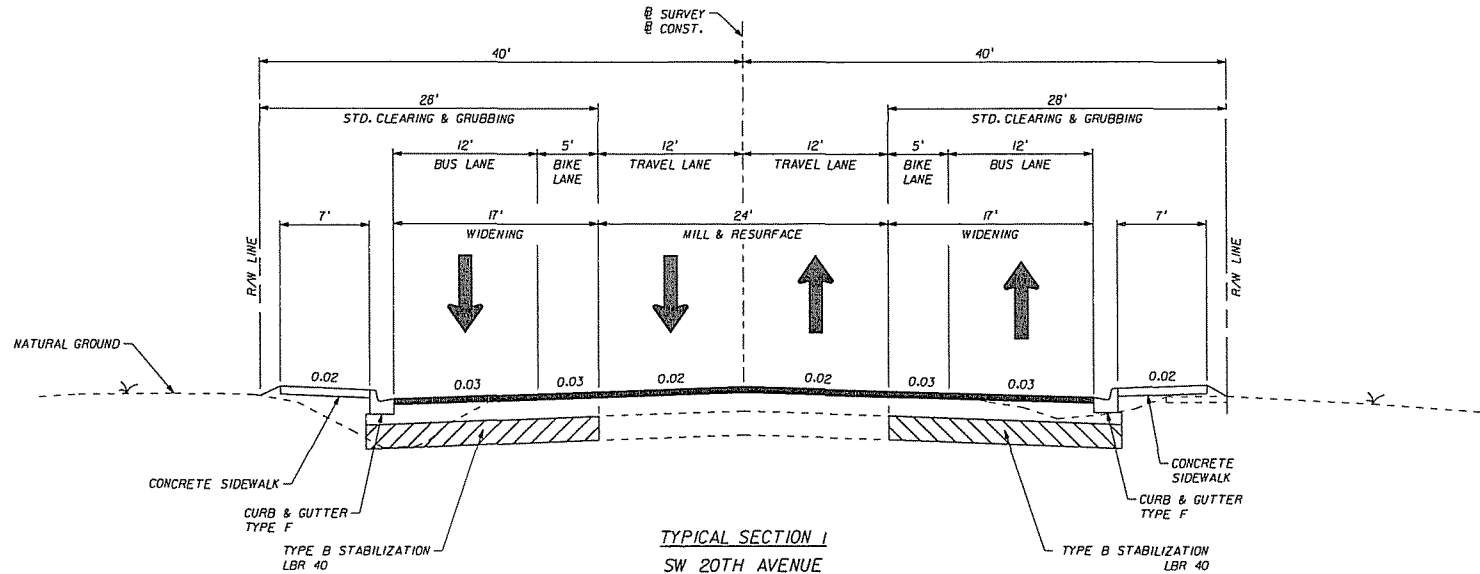
PHASE I SUBMITTAL
APRIL 2009

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

P.E. NO.: 50096

FISCAL YEAR	SHEET NO.
09	1

EXHIBIT 2



TYPICAL SECTION I
SW 20TH AVENUE
STA. 180+60.00 TO STA. 185+80.00
DESIGN SPEED = 35 MPH

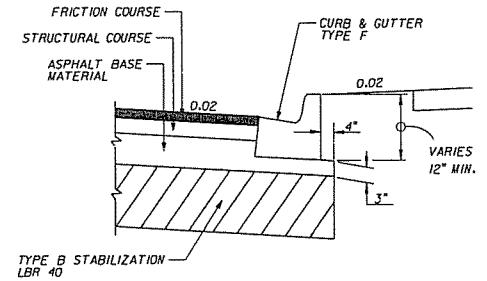
MILLING
 MILL EXISTING ASPHALT PAVEMENT (1.00" AVG. DEPTH)

RESURFACING
 FRICTION COURSE FC-12.5 (2.00")

WIDENING
 BLACK BASE ONLY (6.00") WITH
 TYPE SP-12.5 STRUCTURAL COURSE (2.00")
 AND FRICTION COURSE FC-12.5 (1.50")

TRAFFIC DATA

CURRENT YEAR = 2008 AADT = 26,700
 ESTIMATED OPENING YEAR = 2010 AADT = 27,800
 ESTIMATED DESIGN YEAR = 2035 AADT = 41,300
 K = 9.5% D = 60% T = 2% (24 HOUR)
 DESIGN HOUR T = 1%
 DESIGN SPEED = 35 MPH



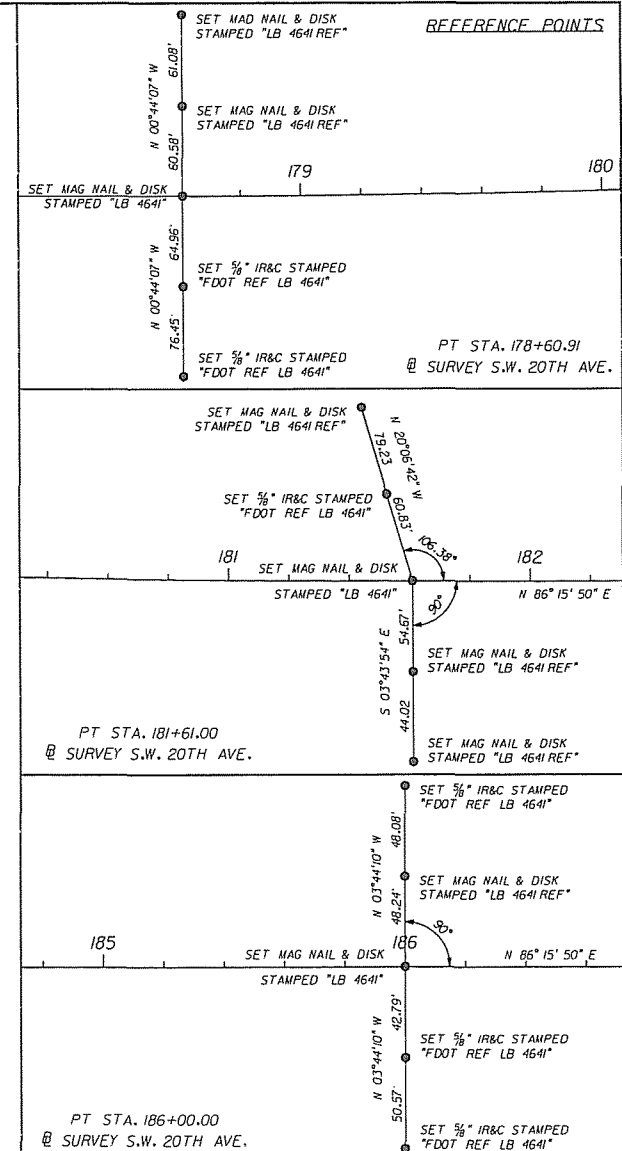
DETAIL OF ASPHALT BASE CURB PAD

REVISIONS				ENGINEER OF RECORD TERREL SHAW, P.E. LIC. No. 50058 INTB 7077 BONNEVAL ROAD, SUITE 600 LIBERTY CENTER JACKSONVILLE, FLORIDA 32218 PHONE: (904) 255-0207 CA No. 15800	ALACHUA COUNTY PUBLIC WORKS DEPARTMENT			TYPICAL SECTION	SHEET NO. 2
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ALACHUA	211365-0-03		

GENERAL NOTES

- BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
- ACCESS TO PRIVATE PROPERTY AND SIDE STREETS SHALL BE MAINTAINED AT ALL TIMES.
- EXISTING DRAINAGE STRUCTURES WITHIN CONSTRUCTION LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED.
- 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.
- 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.
- EXISTING DRIVEWAYS WITHIN THE LIMITS OF THIS PROJECT ARE TO BE REPLACED AT THE SAME LOCATION AND WIDTH, UNLESS OTHERWISE SHOWN IN THE PLANS.
- 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.
- THE LOCATIONS OF THE UTILITIES SHOWN IN THE PLANS (INCLUDING THOSE DESIGNATED VV, VH AND VHI) 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.
- EXISTING UTILITIES ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED.
- 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	CONTACT	TELEPHONE
AT&T/BELLSOUTH (FLORIDA)	ANNA LISA HORDEMAN	(352) 371-5276
AT&T/BELLSOUTH (LONG DISTANCE)	BOB WADLEY	(352) 331-9294
GRU WATER/SEWAGE	DEBBIE DOCKERTY	(352) 393-1622
GRU ELECTRIC	TOM HOLSTEIN	(352) 334-6042
GRU COMMUNICATIONS	TOM LAWYER	(352) 393-6900
TRAFFIC OPERATIONS	TRAVIS LAW	(352) 393-8155
TRAFFIC OPERATIONS	CHRIS DOLAN	(352) 393-8155
COX COMMUNICATIONS	GARY HARRELL	(352) 337-2052
- 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.
- ALL SALVAGEABLE AND RECYCLABLE MATERIAL SHALL REMAIN THE PROPERTY OF ALACHUA COUNTY UNLESS OTHERWISE SPECIFIED.
- 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.
- 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.
- ALL HAY BALES AND SILT FENCE SHALL BE REMOVED AT THE COMPLETION OF THE PROJECT.
- THE CONTRACTOR IS TO MAINTAIN AND KEEP STREET NAME IDENTIFICATION VISIBLE DURING CONSTRUCTION OPERATIONS, IN ORDER TO FACILITATE EMERGENCY VEHICLE TRAFFIC.
- ALL MILLED AREAS WILL BE COVERED WITH TYPE SP THE SAME DAY THAT MILLING OCCURS.
- THE CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE AT ALL TIMES.
- 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.
- ALL AREAS OF SODDING SHALL BE COMMON BERMUDA.
- MULCH MATERIAL SHALL CONSIST OF COMMON BERMUDA, OAT, WHEAT AND/OR RYE STRAW.
- 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 EXPENSE.
- 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.
- EXTENSIONS OF EXISTING PIPE CULVERTS TO BE IN ACCORDANCE WITH INDEX 280.
- 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.
- ANY ADDITIONAL ARROWS OR PAVEMENT MESSAGES REMOVED BY THE CONTRACTORS OPERATIONS SHALL BE REPLACED AT THE END OF EACH DAY'S OPERATION.
- FRICTION COURSE SHALL RECEIVE TWO APPLICATIONS OF FINAL MARKINGS AS DIRECTED BY PROJECT ENGINEER.
- 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.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PLACING TEMPORARY RPM'S DURING INTERMEDIATE LIFTS OF PAVEMENT ACCORDING TO INDEX 600.
- 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.



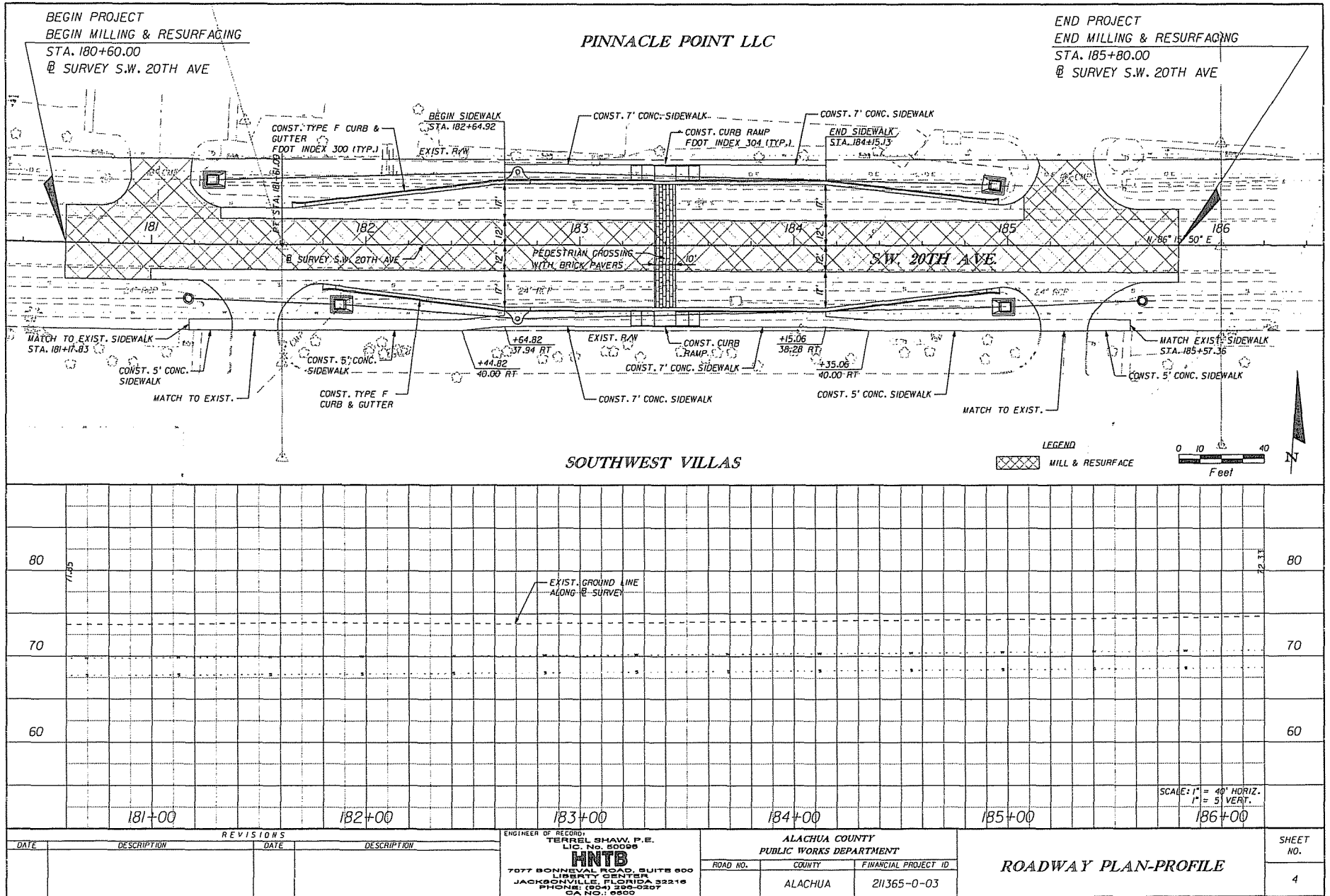
REVISIONS				ENGINEER OF RECORD TERREL SHAW, P.E. LIC. NO. 80096 HNTB 7077 BONNEVAL ROAD, SUITE 600 LIBERTY CENTER JACKSONVILLE, FLORIDA 32216 PHONE: (904) 248-0287 CA NO.: 6500	ALACHUA COUNTY PUBLIC WORKS DEPARTMENT		GENERAL NOTES AND REFERENCE POINTS	SHEET NO. 3
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY		
						ALACHUA		
						211365-0-03		

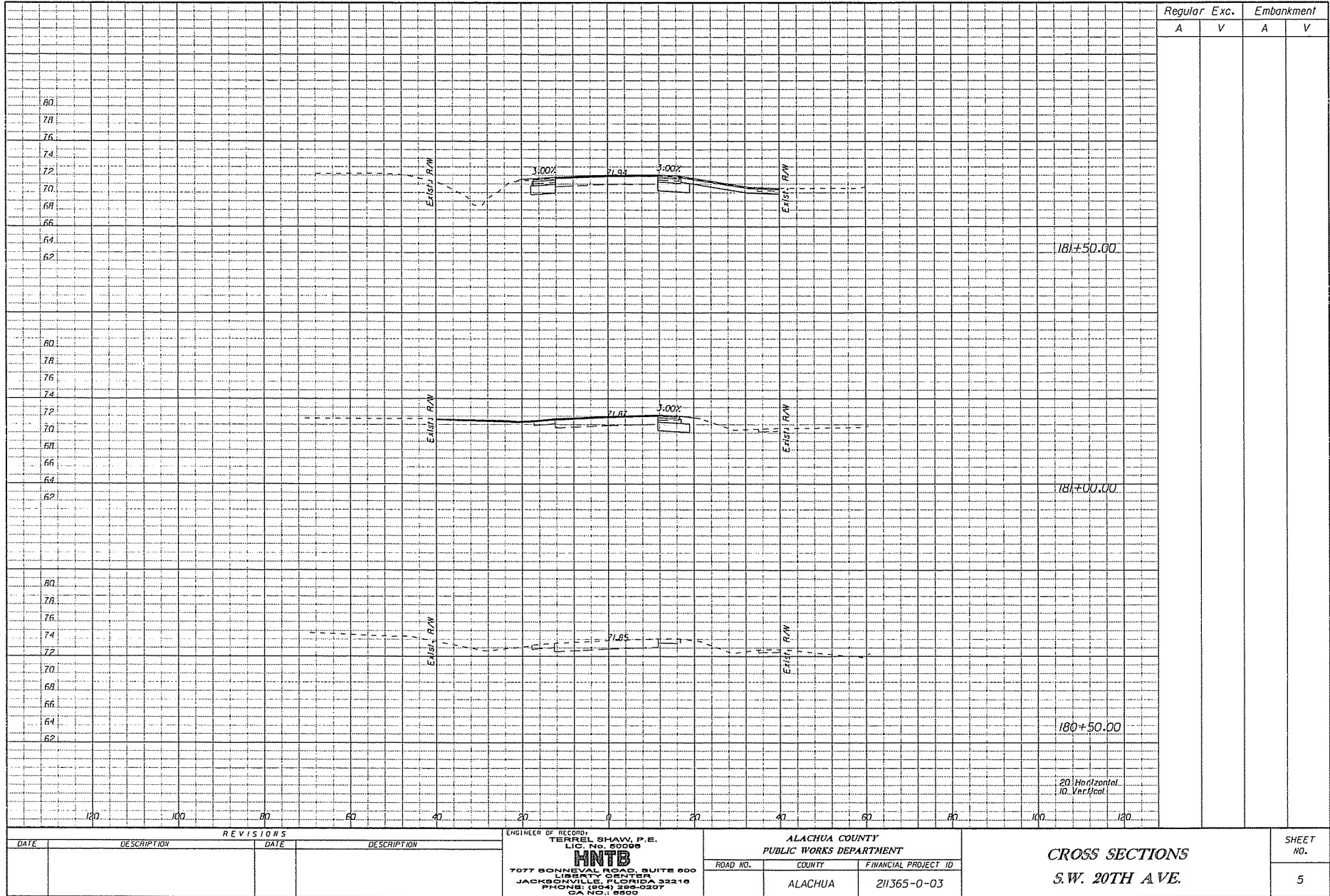
mrwln

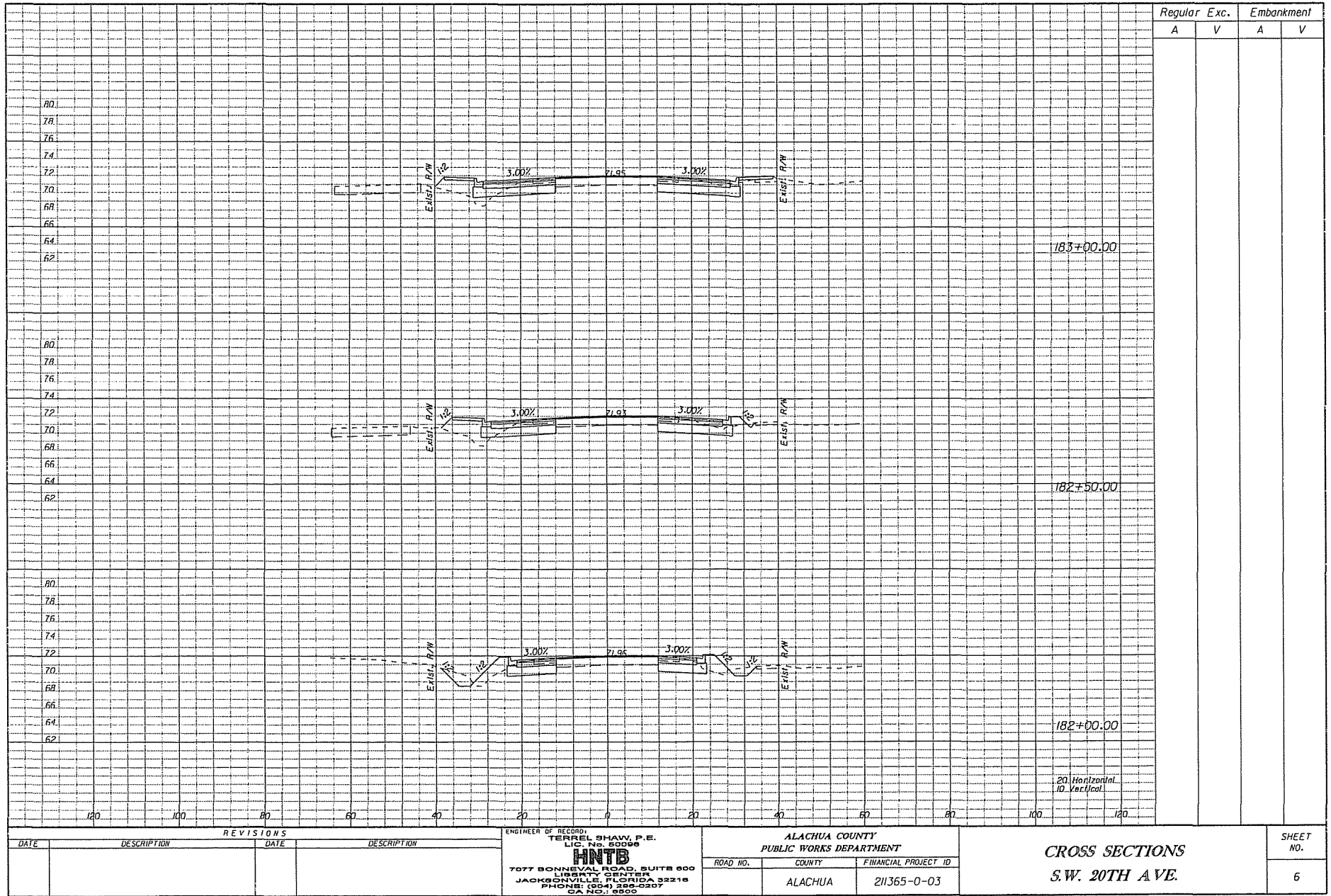
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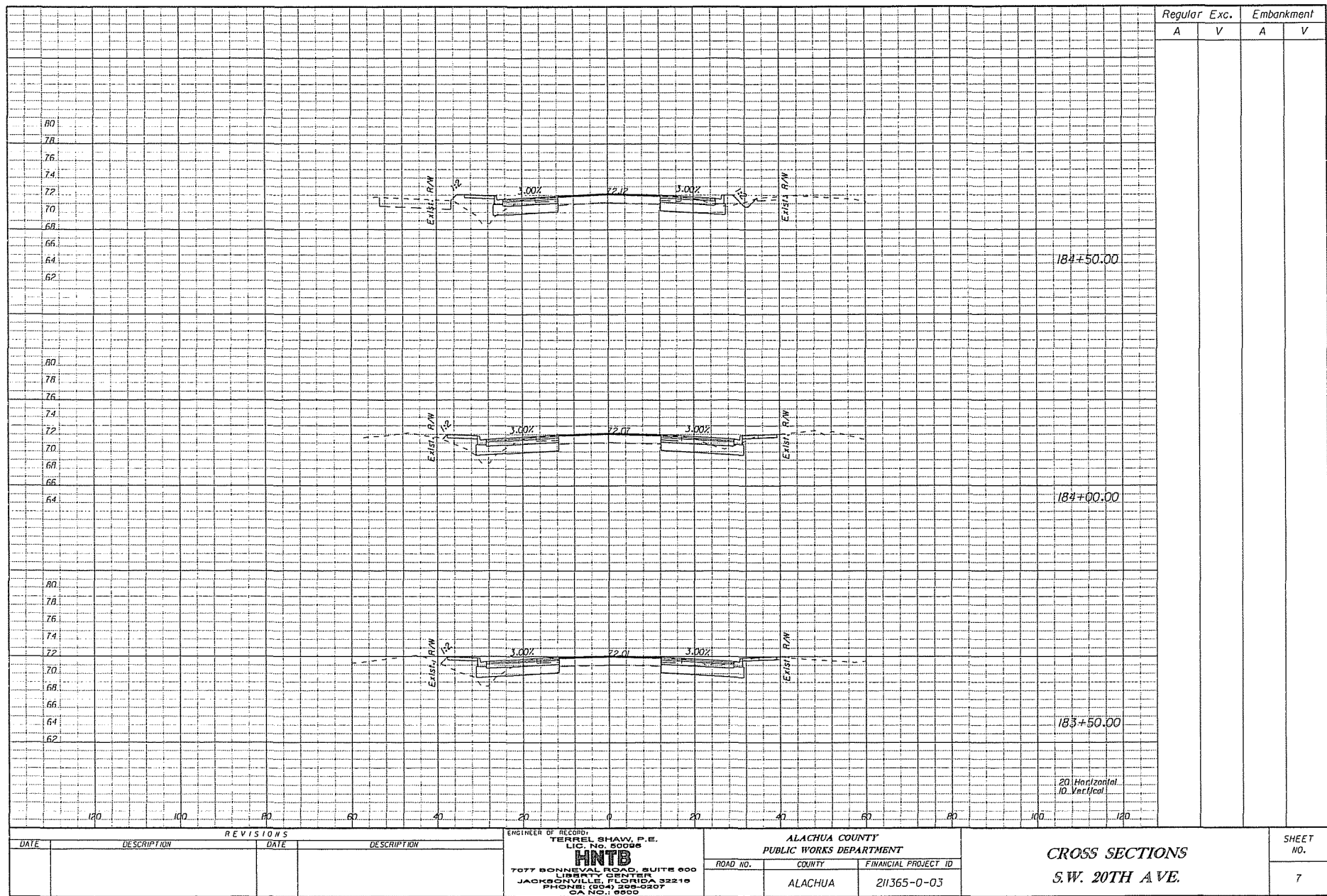
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TRAFFIC CONTROL NOTES:

1. 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 NOT 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.
11. 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 1

1. 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

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

PHASE 3

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

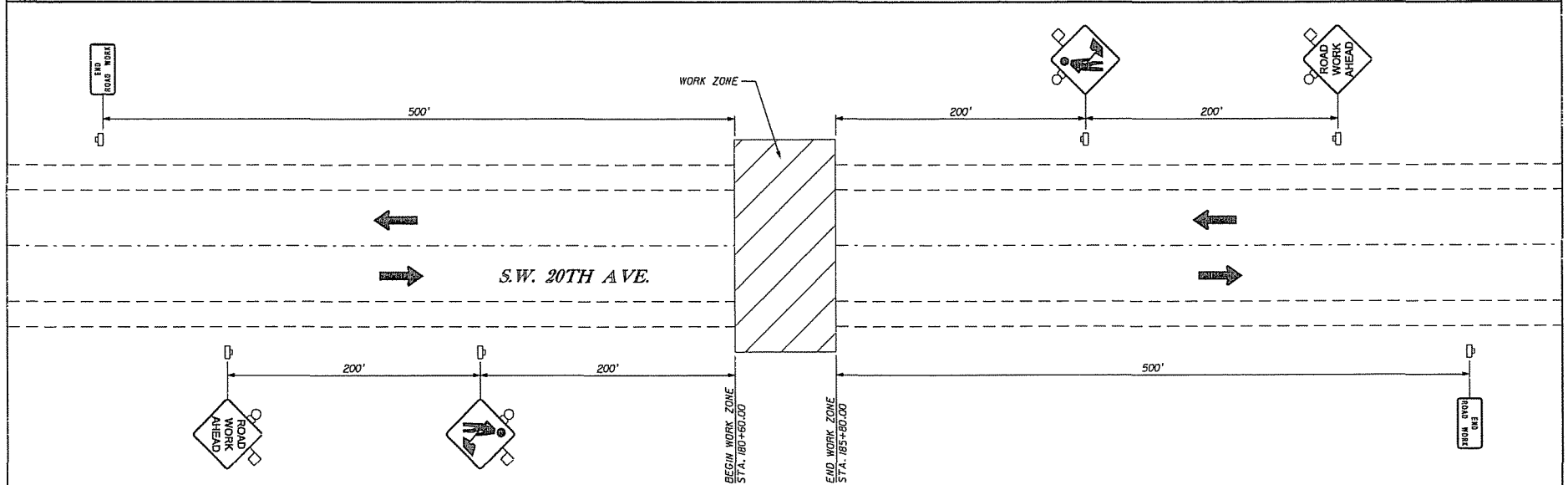
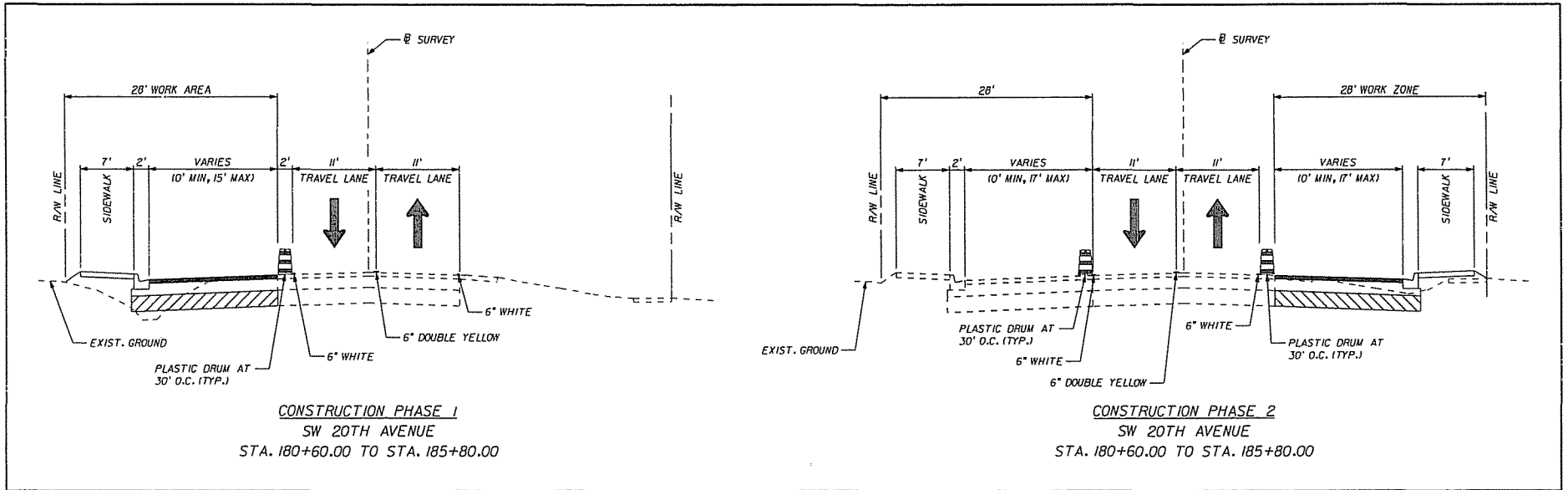
REVISIONS				ENGINEER OF RECORD: TERREL SHAW, P.E. LIC. NO. 60096 HNTB 7077 BONNEVAL ROAD, SUITE 600 LIBERTY CENTER JACKSONVILLE, FLORIDA 32216 PHONE: (904) 299-0297 CA NO. 1 8800	ALACHUA COUNTY PUBLIC WORKS DEPARTMENT			TRAFFIC CONTROL PLAN GENERAL NOTES	SHEET NO. 9
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ALACHUA	211365-0-03		

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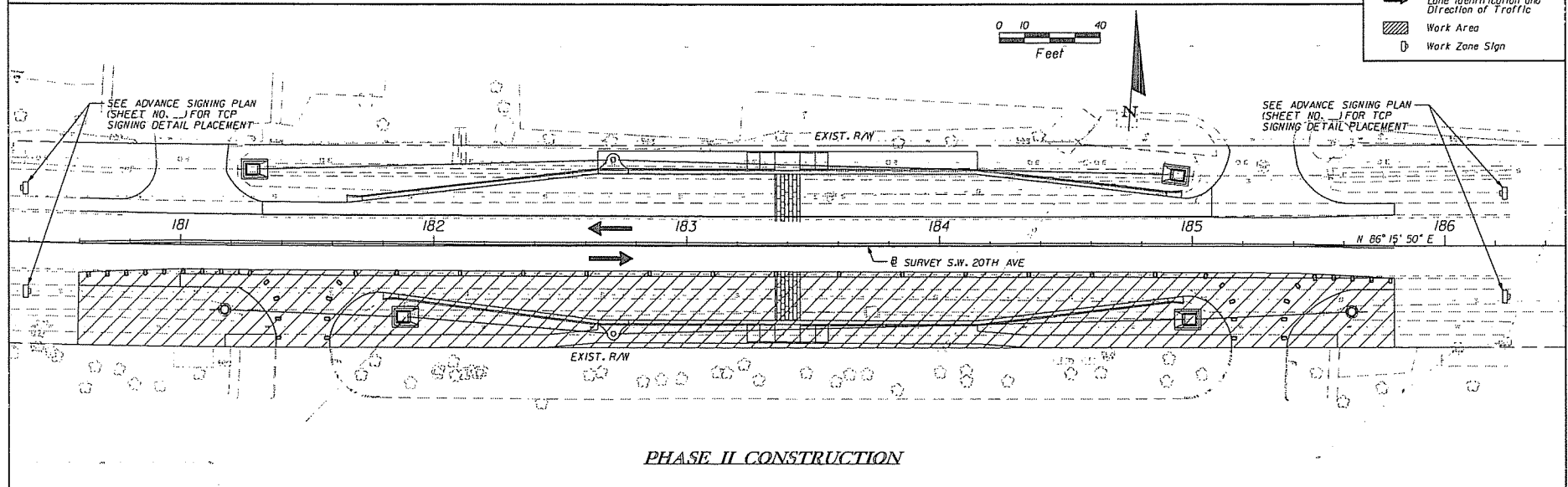
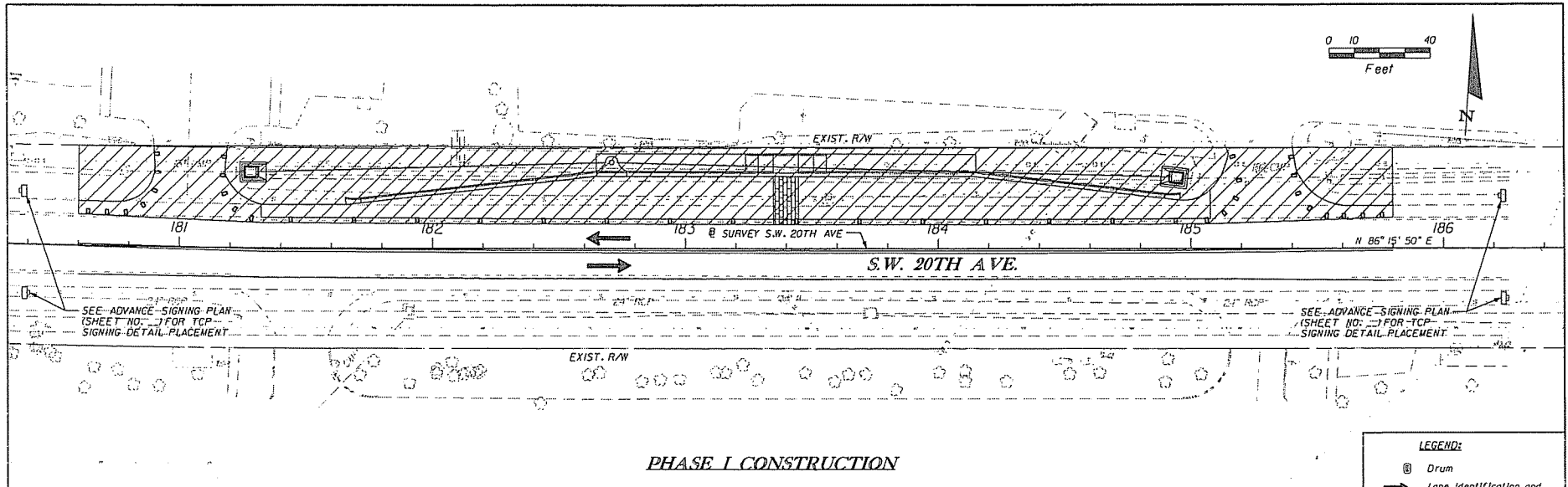
REVISIONS				ENGINEER OF RECORD: TERREL SHAW, P.E. LIC. NO. 60095 HNTB 7077 BONNEVAL ROAD, SUITE 600 LIBERTY CENTER JACKSONVILLE, FLORIDA 32218 PHONE: (904) 399-0307 CA NO.: 6500	ALACHUA COUNTY PUBLIC WORKS DEPARTMENT			TRAFFIC CONTROL PLAN TYPICAL SECTIONS & ADVANCE SIGNING PLAN	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						ALACHUA	211365-0-03		

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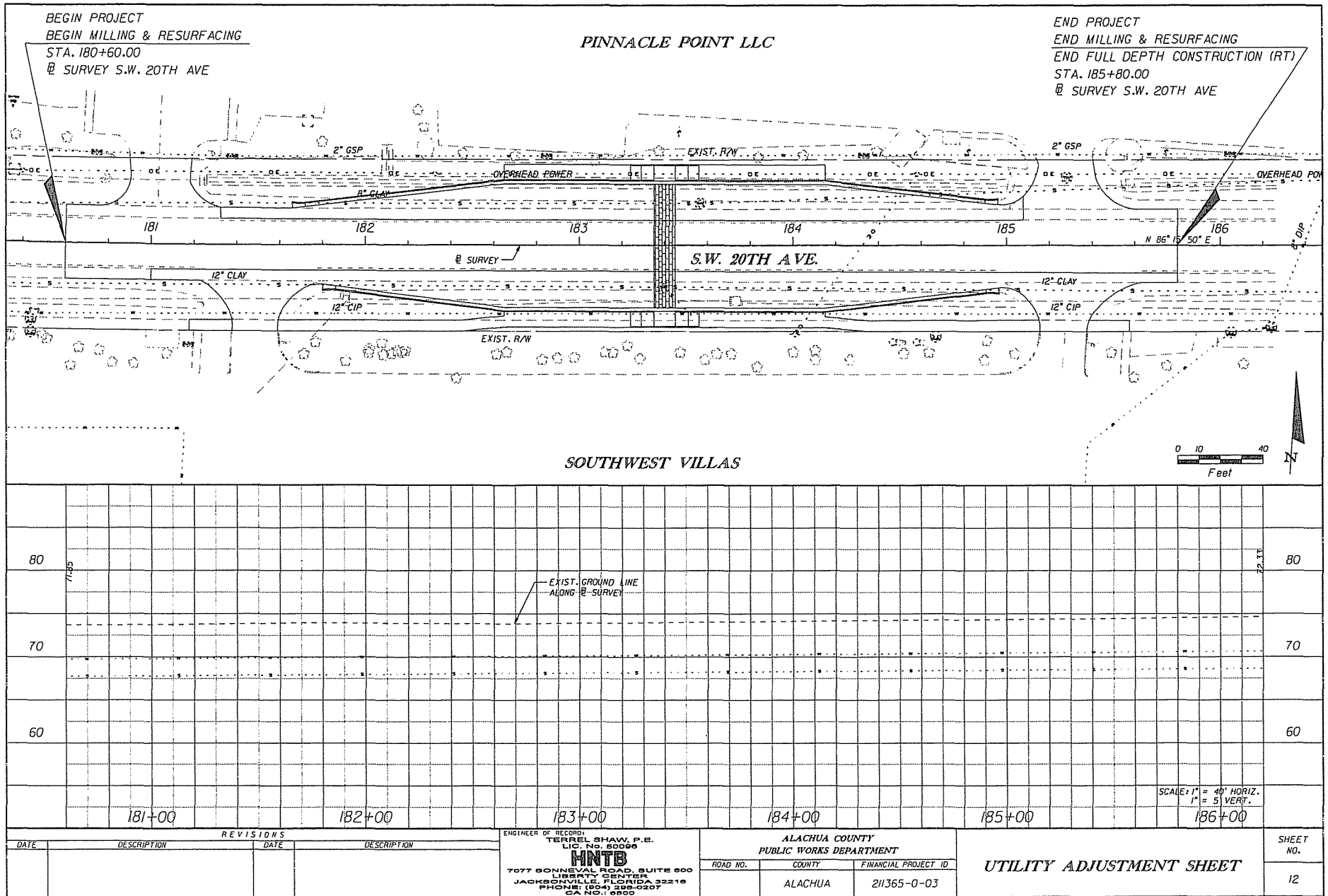
REVISIONS				ENGINEER OF RECORD: TERREL SHAW, P.E. LIC. No. 80096 HNTB 7077 BONNEVAL ROAD, SUITE 800 LIBERTY CENTER JACKSONVILLE, FLORIDA 32216 PHONE: (904) 265-0207 CA NO. 1-6600	ALACHUA COUNTY PUBLIC WORKS DEPARTMENT		TRAFFIC CONTROL PLAN PHASE I & PHASE II	SHEET NO. II
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY		
						ALACHUA	FINANCIAL PROJECT ID 211365-0-03	

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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

May 11, 2009

TO: Metropolitan Transportation Planning Organization (MTPO)

FROM: Marlie Sanderson, AICP, Director of Transportation Planning

SUBJECT: American Recovery & Reinvestment Act Enhancement Projects-
Scoping Plans- NW 34th Street [NW 39th Avenue to US 441] Sidewalk

STAFF RECOMMENDATION

Develop MTPO recommendations.

BACKGROUND

As part of the American Recovery & Reinvestment Act of 2009 (ARRA), the NW 34th Street Sidewalk project was amended to the MTPO's Transportation Improvement Program. This "shovel ready" project has been funded for fiscal year 2008/2009. Due to the urgency for implementation of this project, the Design Team will only be able to review the scoping phase.

Exhibit 1, an email from Mr. Jordan Green, Florida Department of Transportation (FDOT) Rural Area Transportation Development Engineer, includes a brief scope of this sidewalk project.

Exhibit 2, an email from Mr. James Bennett, FDOT Urban Area Transportation Development Engineer, indicates the urgency of the project and the impact on full Design Team review.

NW 34 th Street Sidewalk Project- Programmed Funds Timeline					
2008/2009	2009/2010	2010/2011	2011/2012	2012/2013	2013/2014
\$1,109,000 [construction]	-	-	-	\$90,000 [engineering] \$200 [construction]	\$585,000 [construction]

Enclosures

EXHIBIT 2

Mike Escalante

From: Bennett, James [James.Bennett@dot.state.fl.us]
Sent: Thursday, May 07, 2009 5:21 PM
To: Taulbee, Karen
Cc: Mike Escalante; Marlie Sanderson; Thomas, Kathy; Green, Jordan
Subject: RE: ARRA Enhancement Projects - Gville MTPO

Karen,

The SR 121 (34th Street) project is scheduled to have a LAP agreement executed with the City of Gainesville in June 2009. The actual work is expected to begin in September 2009 after the plans are developed and awarded through a conventional let. It will be the city's responsibility to route this project to the Design Team provided time permits.

The SW 8th Avenue sidewalk project will be let by the Department as a Design/Build project. As such, there will be no plans developed before this project is awarded as the contractor will be responsible for the design. It is unlikely that there will be any information that will be available to route to the Design Team in advance.

Everyone must keep in mind that the approach for the ARRA projects may not follow the standard approach used for most projects. The implementing agency (City or FDOT) must meet certain critical timelines with these special funds. As such, it is very possible that these will NOT be reviewed by the Design Team.

Please let me know if you have any questions.

James G. Bennett, P.E.
Urban Transportation Development Manager
FL Dept. of Transportation, District Two
(904) 360-5646
email: James.Bennett@dot.state.fl.us

From: Taulbee, Karen
Sent: Thursday, May 07, 2009 11:31 AM
To: Green, Jordan
Cc: Bennett, James; Mike Escalante; Marlie Sanderson; Thomas, Kathy
Subject: ARRA Enhancement Projects - Gville MTPO

Jordan:

The letting report for ARRA projects shows project 426208-1, SR 121/34th St Sidewalk lets in June 09. The Design Team for the MTPO reviews enhancement projects within the MTPO boundary. (*MTPO Urban Design Policy Manual, Policy 5.0 and Policy 10.2*)

Mike Escalante has asked if there is any scope plan or phase plans going to the Design Team. The next meeting is May 19th at 1:30pm.

In addition, the Design Team would review project 4264051, SW 8th Ave. sidewalk, that lets in October. Would there be a

scope set or any design phase to take to the Design Team?

Thank you for any guidance you can provide for the review process. I will be glad to take the projects, if we have something like a scope, or scope plan. Enhancement policy review is Scope and 60%. Thank you,

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

EXHIBIT 1

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From: Green, Jordan [Jordan.Green@dot.state.fl.us]
Sent: Friday, May 08, 2009 9:46 AM
To: Taulbee, Karen
Cc: Bennett, James; Mike Escalante; Marlie Sanderson; Thomas, Kathy
Subject: RE: ARRA Enhancement Projects - Gville MTPO

For the SR 121/NW 34th St. –

Essentially the scope is to replace the existing asphalt path with a concrete path from SR 222/NW 39th Ave to NW 53rd Ave. Mr. Emery Swearingen with the City of Gainesville would be the best contact as this project is being handled as a LAP with the COG.

For the SW 8th Ave. –

Scope is to construct a sidewalk on the north side of SW 8th Ave. from Tower Rd. to the end of pavement. This will be a Design/Build and likely be constructed concurrently with design and therefore no plans to take to the Design Team. Path will meander around utility poles and drainage structures.

*JORDAN L. GREEN, P.E.
 RURAL AREA TRANSPORTATION DEVELOPMENT ENGINEER
 JORDAN.GREEN@DOT.STATE.FL.US
 800 749-2967, EXTENSION 7884
 (386) 961-7884*

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North Central Florida Regional Planning Council

IV.B

2009 N.W. 67 PLACE, SUITE A, GAINESVILLE, FLORIDA 32653-1603
(352) 955-2200 SUNCOM 625-2200 FAX (352) 955-2209
May 11, 2009



TO: Metropolitan Transportation Planning Organization (MTPO)

FROM: Marlie Sanderson, AICP, Director of Transportation Planning

SUBJECT: American Recovery & Reinvestment Act Enhancement Projects- Scoping
Plans- SW 8th Avenue [Tower Road to SW 67th Terrace] Sidewalk

STAFF RECOMMENDATION

Develop MTPO recommendations.

BACKGROUND

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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

MTPO MEETING MONTH	B/PAB [At 7:00 p.m.]	TAC [At 2:00 p.m.] CAC [At 7:00 p.m.]	MTPO MEETING
JANUARY	January 6	<i>CANCELLED</i>	<i>CANCELLED</i>
FEBRUARY	January 20	<i>CANCELLED</i>	February 17 at 6:00 p.m.
MARCH	February 24	February 25	March 2 at 2:00 p.m.
APRIL	March 31	CAC Orientation @ 6:30 pm April 1	April 20 at 6:00 p.m.
MAY	April 28	TAC Only April 29	<i>CANCELLED</i>
JUNE	May 26	TAC @ NCFRPC May 27	June 8 at 6:00 p.m.
JULY	June 30	July 1	July 13 at 3:00 p.m.
AUGUST	July 28	July 29	August 10 at 3:00 p.m.
SEPTEMBER	September 1	September 2	September 14 at 3:00 p.m.
OCTOBER	September 29	September 30	October 12 at 3:00 p.m.
NOVEMBER	October 27	October 28	November 9 at 3:00 p.m.
DECEMBER	December 1	December 2	December 14 at 6:00 p.m.

Note, unless otherwise scheduled:

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

Marlie Sanderson

From: Taulbee, Karen [Karen.Taulbee@dot.state.fl.us]
Sent: Tuesday, May 05, 2009 1:05 PM
To: byerly@alachuacounty.us; rhedrick@alachuacounty.us; mjf@alachuacounty.us; HanrahanP@cityofgainesville.org; scottta@cityofgainesville.org; jcalderwood@cityofalachua.com; mnew@cityofalachua.com; archermanager@bellsouth.net; nels2413@bellsouth.net; archermanager@bellsouth.net; droberts@cityofhawthorne.net; dmayer@cityofhawthorne.net; jgabriel@highsprings.com; cpopoli@highsprings.com; cddubberly1@windstream.net; micanopytown@bellsouth.net; John.Glanzer@ci.newberry.fl.us; lowell.garrett@ci.newberry.fl.us; kim@waldo-fl.com; Marlie Sanderson; henrysl@cityofgainesville.org; Scott Koons; gomezjm@cityofgainesville.org; allan.penksa@flygainesville.com
Cc: Green, James; Bennett, James
Subject: FDOT Mast Arm Policy - Update

Good Afternoon,

The Florida Department of Transportation adopted a policy in August 1994 regarding the installation of Mast Arms for traffic signals within 10 miles of the coastline. The specific policy states "Effective March 1, 1995, all new signals installed by the Department on the State Highway System that are within ten miles of the coastline shall be supported by mast arms with the signal head(s) rigidly attached to the arm. " The decision to require mast arms within ten miles of the coastline was based on the performance of mast arm installations during Hurricane Andrew. Traffic signals that utilize the mast arm support system provide far better conditions for evacuation prior to a hurricane and for recover operations after a hurricane.

Since the adoption of this policy, many local governments have also opted to install mast arm signals on their roadways for various reasons, including aesthetics. The Florida Department of Transportation, District Two, has often installed mast arm traffic signals at the request of the local governments when these locations were greater than ten miles from the coastline. The installation of mast arms at a signalized intersection instead of a strain pole installation typically increases the overall cost by an average of \$125,000 per intersection. As such, the Department will return to installing strain pole traffic signals for all locations outside the ten mile requirement of the policy unless the local government agrees to provide the funds for the additional cost of the mast arm installation.

The implementation of this guidance will be scheduled in a manner to minimize any negative impacts to the Department's commitments on existing projects. As such, full implementation to this policy is expected to be achieved within the next 12 months. Effective immediately, any new projects initiated by the Department, local governments, or through private development projects will be required to follow this guidance.

The Department appreciates the continued cooperation we share with the local governments within the 18 counties of District Two. If you have any questions or need any additional information, please contact me. I can be reached via email, telephone or US Postal mail as shown below.

Respectfully,

James G. Bennett, P.E.
 FDOT, District Two

Urban Transportation Development Manager

Contact Information

Toll Free: 1-800-207-8236

Direct: 1-904-360-5646

Address: 2198 Edison Avenue
Jacksonville, FL 32204-2730

Email: James.Bennett@dot.state.fl.us

Sent by:

Karen S. Taulbee, AICP

Transportation Specialist

Jacksonville Urban Office

904-360-5652

karen.taulbee@dot.state.fl.us

WORKING DRAFT
MTPO DESIGN TEAM STATUS REPORT

ASSIGNMENT	FIN Number	CONSTRUCTION STATUS YEAR (PE YEAR)	CURRENT STATUS	DESIGN REVIEW		
				SCOPE	30%	60%
CONSTRUCTION PROJECTS						
Airport Access Road	2076143	2007/2008	Conceptual Design and Property Acquisition- waiting for LAP certification	10/07	01/08	4/08
Depot Avenue Reconstruction	4205371	2008/2009	2-Lane reconstruction SAFETEA-LU Project.			
			Section 1			
			Section 2			
			Section 3		04/08	
			Section 4			
N Main Street	-	-	Reconstruction as 2-Lane Divided		06/07	10/07
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 20 th Avenue	2113353	2004/2005	PE study and 30 percent design plans- waiting for Urban Village Study recommendations	10/08		
SW 62 nd Boulevard	2113653	(2007/2008)	PD&E of 4 corridor alignment alternatives SAFETEA-LU Project.			
			Interim Projects	10/08	05/09	
ENHANCEMENT 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			
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
INTERSECTION / SAFETY / PROJECTS						
Archer Road Safety Project	2078378	2011/2012 (CST)	Access management [01/09 4 Info]			
Interstate 75	2129498	2011/2012 (CST)	Operational improvement		05/08	

*Shaded projects are the projects that are new to this list.

MTPO DESIGN TEAM MEMBERSHIP

NAME	AGENCY
PERMANENT 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
Beth Jordan; Rocky Lee (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
PROJECT MEMBERS	
Vacant (SR 26/26A Project Member)	Citizen Advocate
(appropriate FDOT project member)	Florida Department of Transportation
SPECIAL MAILINGS (agendas only)	
Anthony Lyons (Main Street)	City of Gainesville Community Redevelopment Agency
Cindy Robinson / Linda M ^c 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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MEETING SUMMARY
GAINESVILLE URBANIZED AREA TRANSPORTATION STUDY
METROPOLITAN TRANSPORTATION PLANNING ORGANIZATION (MTPO)
DESIGN TEAM

NCFRPC Conference Room
Gainesville, Florida

Tuesday, 1:30 p.m.
January 20, 2009

MEMBERS PRESENT

Emery Swearingen, Chair
Susan Bridges Niemann
Jesus Gomez
Ha Nguyen
John Richter
David Kvaltine
Karen Taulbee
Gary Weed

MEMBERS ABSENT

Linda Dixon
Kathy Fanning
Beth Jordan
Meg Niederhofer
Jonathan Paul

OTHERS PRESENT

Julia Reiskind

STAFF PRESENT

Marlie Sanderson
Michael Escalante
Luis Lopez

CALL TO ORDER

Chair Emery Swearingen, City of Gainesville Public Works Manager, called the meeting to order at 1:32 p.m.

I. INTRODUCTIONS

Chair Swearingen introduced himself and requested introductions.

II. AGENDA APPROVAL

Chair Swearingen requested action on the meeting agenda.

ACTION: Jesus Gomez moved to approve the meeting agenda. Gary Weed seconded; motion passed unanimously.

III. SIXTH STREET RAIL TRAIL PROJECT- PHASE 1 60 PERCENT DESIGN PLANS

Mr. Marlie Sanderson, MTPO Director of Transportation Planning, that City of Gainesville staff has submitted 60 percent design plans for the W 6th Street Rail/Trail Project Phase I.

Mr. Swearingen discussed the W 6th Street Rail/Trail Project Phase I 60 Percent Design Plans and answered questions. He noted that the project was bifurcated into two phases, with Phase 1 from SE 4th Street to south of University Avenue and Phase 2 from south of University Avenue to NW 16th Avenue. He announced that these plans would be presented at a February City of Gainesville Commission meeting.

ACTION: John Richter moved to recommend that the MTPO approve the W 6th Street Rail/Trail Project Phase I 60 Percent Design Plans with the best alignment possible at the S Main Street and SW 4th Avenue intersections. Gary Weed seconded; motion passed unanimously.

IV. ARCHER ROAD SAFETY PROJECT

Mr. Sanderson stated that Florida Department of Transportation (FDOT) staff was present to discuss the Archer Road Safety Project.

Ms. Karen Taulbee, FDOT Transportation Specialist, discussed the Archer Road Safety Project and answered questions. She noted that FDOT would have a public meeting regarding the project in February.

V. UPCOMING MEETINGS

Mr. Sanderson stated that the MTPO meeting is scheduled for Monday, April 13th and the next Design Team meeting is scheduled for Tuesday, February 17th.

A member of the Design Team noted that she would not attend May and June Design Team meetings. She asked about City Planning's participation at those meeting dates.

Mr. Michael Escalante, MTPO Senior Planner, noted that Mr. Gene Francis also received meeting packets. He said that City staff should discuss having an alternate attend those meetings should it be necessary.

VI. INFORMATION ITEMS

Mr. Escalante discussed projects for Design Team review. He noted that, should they desire, the City, County and FDOT could bring other projects for review by the Design Team in addition to those specified in *MTPO Design Policy Manual* Policy 10.4.

ADJOURNMENT

ACTION: John Richter moved to adjourn. Gary Weed seconded; motion passed unanimously.

The meeting adjourned at 2:39 p.m.