

COMPONENTS OF CONTRACT PLANS SET

- ROADWAY PLANS
- SIGNAL PLANS
- EROSION CONTROL AND TREE PROTECTION PLANS



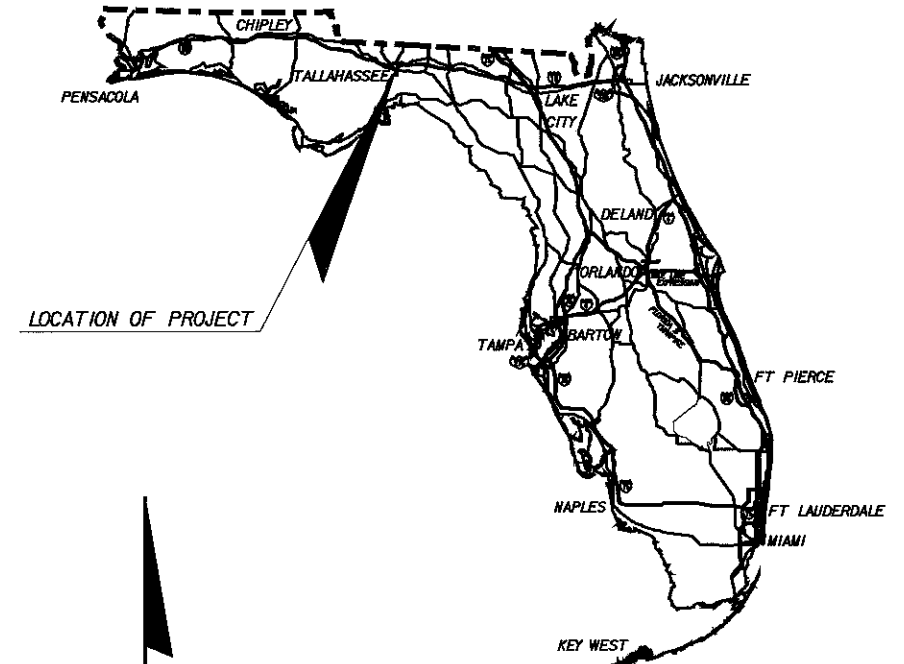
**CONTRACT PLANS
LEON COUNTY**

**MERIDIAN ROAD
AND BANNERMAN ROAD INTERSECTION**

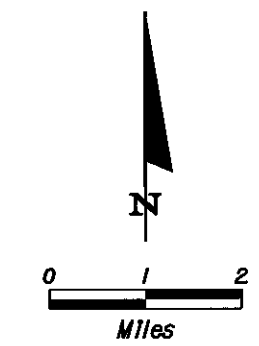
A DETAILED INDEX APPEARS ON THE
KEY SHEET OF EACH COMPONENT

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	DRAINAGE MAP
3	TYPICAL SECTIONS
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16 - 29	ROADWAY CROSS SECTIONS
30 - 31	SIGNING AND PAVEMENT MARKING PLANS
32 - 33	UTILITY PLAN



LOCATION OF PROJECT



ROADWAY SHOP DRAWINGS
TO BE SUBMITTED TO:

M. Todd French, P.E.
2639 N. Monroe St. Bldg C
Tallahassee, FL 32303

PLANS PREPARED BY:



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www.pbsj.com

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

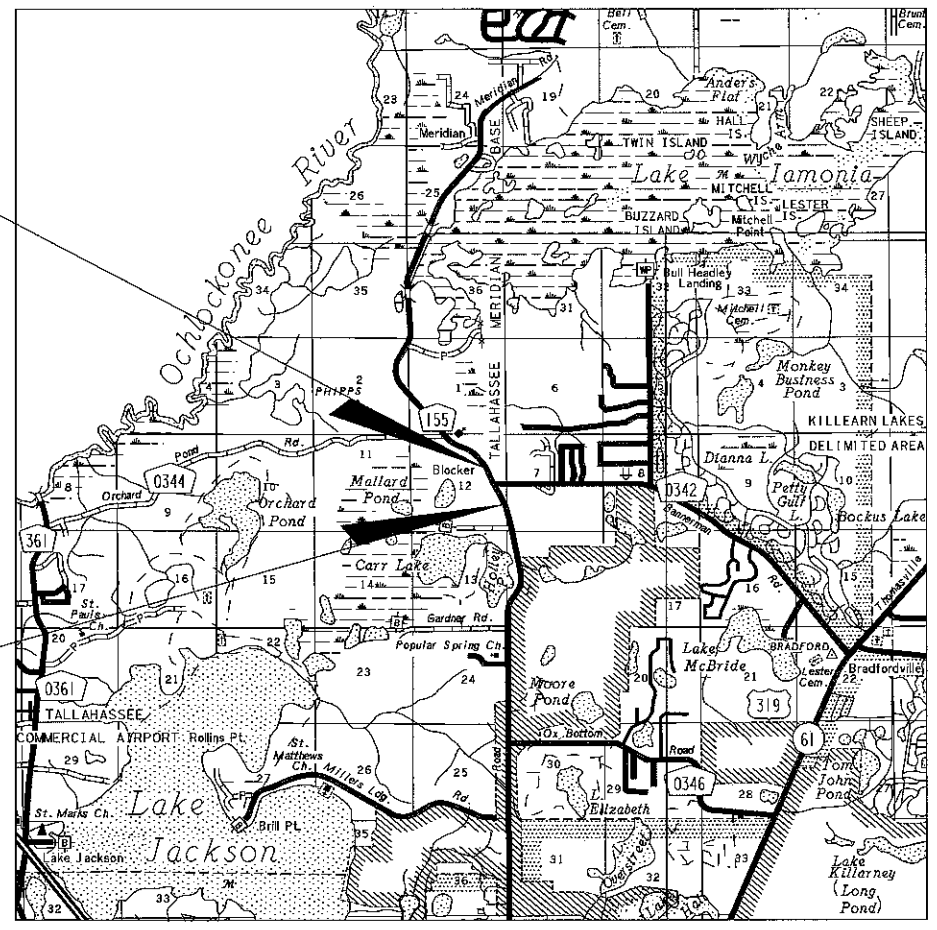
FINAL PLANS

NOTE: THIS IS A UNIT PRICE PROJECT.

ROADWAY PLANS
ENGINEER OF RECORD: *M. Todd French*
M. Todd French 4/23/09
P.E. NO. 56711

END PROJECT
STA. 111+54.35 (E CONST.)

BEGIN PROJECT
STA. 103+20.00 (E CONST.)



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: 1-1-09

FOR DESIGN STANDARDS MODIFICATIONS CLICK ON
"DESIGN STANDARDS" AT THE FOLLOWING WEB SITE:
[HTTP://WWW.DOT.STATE.FL.US/RDDISIGN/](http://www.dot.state.fl.us/rddesign/)

REVISIONS:

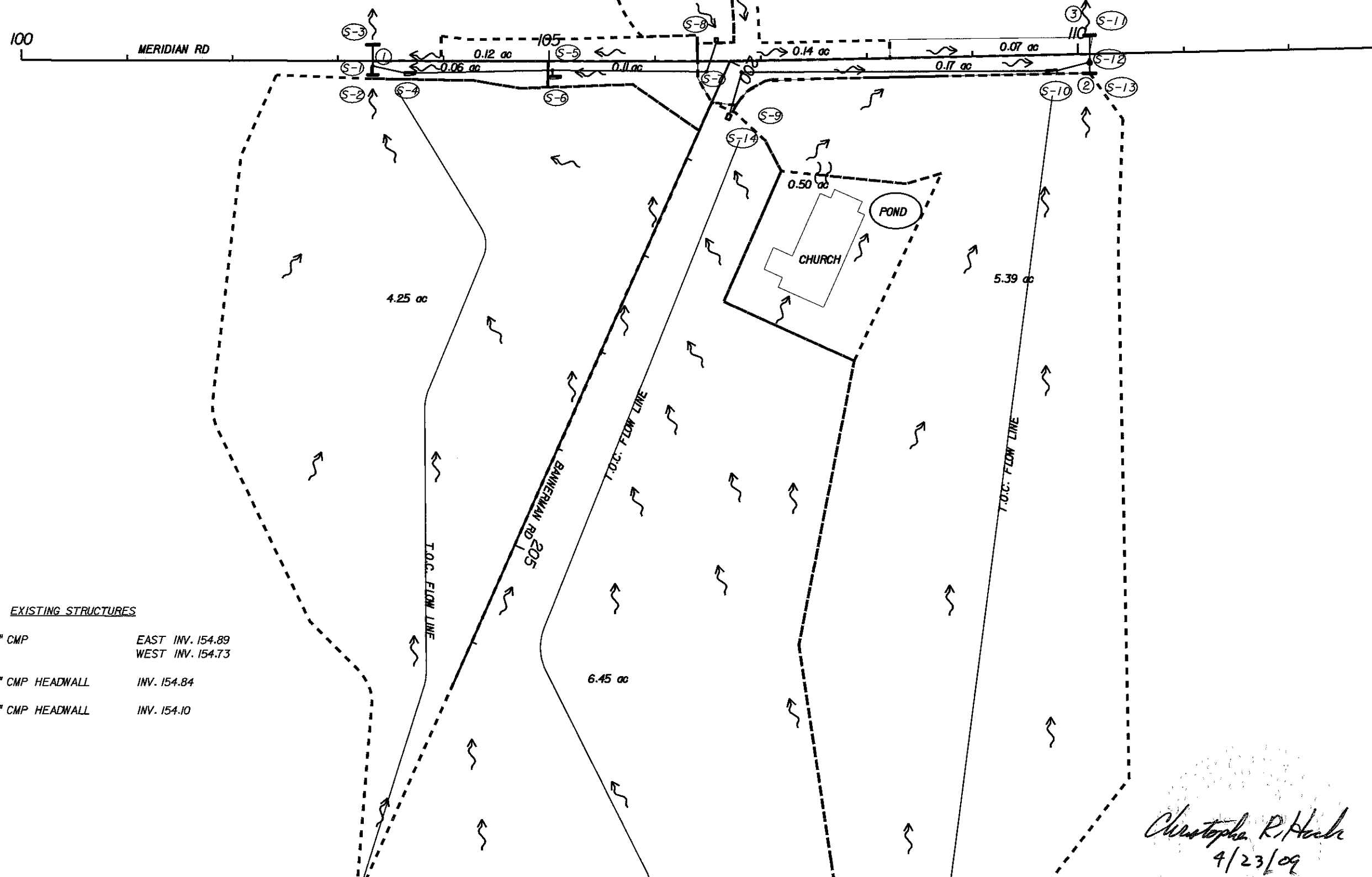
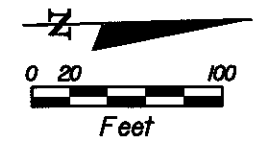
PROJECT LENGTH IS BASED ON E CONSTRUCTION

LENGTH OF PROJECT		
	LINEAR FEET	MILES
ROADWAY	834.35	0.158
BRIDGES	N/A	N/A
NET LENGTH OF PROJECT	834.35	0.158
EXCEPTIONS	N/A	N/A
GROSS LENGTH OF PROJECT	834.35	0.158

PROJECT MANAGER:

KEY SHEET REVISIONS		
DATE	BY	DESCRIPTION

SHEET
NO.
1



- EXISTING STRUCTURES**
- ① 15" CMP EAST INV. 154.89
WEST INV. 154.73
 - ② 18" CMP HEADWALL INV. 154.84
 - ③ 18" CMP HEADWALL INV. 154.10

Christopher R. Hack
4/23/09

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Engineer of Record: **CHRISTOPHER R. HACK**
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PBSJ

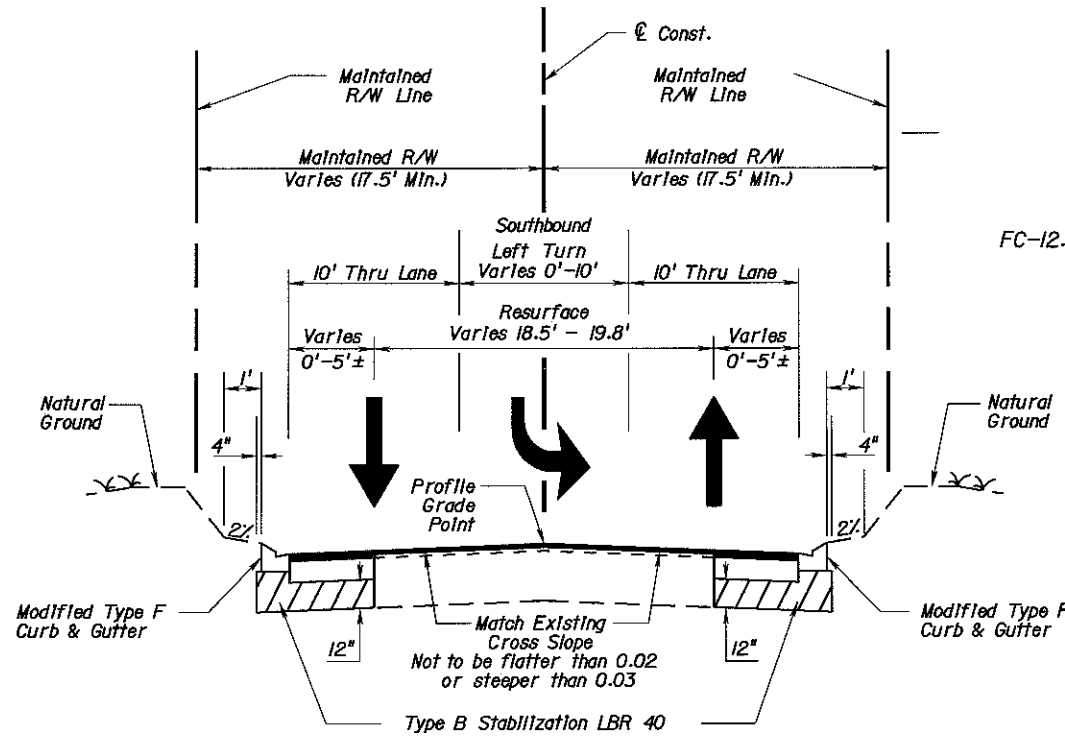
Certificate of Authorization No. 24



LEON COUNTY
CONSTRUCTION PLANS FOR:
MERIDIAN TURN LANE

DRAINAGE MAP

SHEET NO.
2



**TYPICAL SECTION
MERIDIAN ROAD
STA. 103+20.00 TO STA. 111+54.58**

NEW CONSTRUCTION

OPTIONAL BASE GROUP 6 - LBR 100 WITH
TYPE SP 12.5 STRUCTURAL COURSE (TRAFFIC B) (1.5")
AND FRICTION COURSE FC-12.5 (1 1/2") (RUBBER)

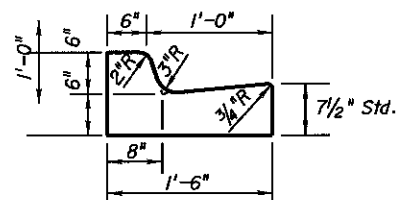
RESURFACING

FRICTION COURSE FC-12.5 (1.5")

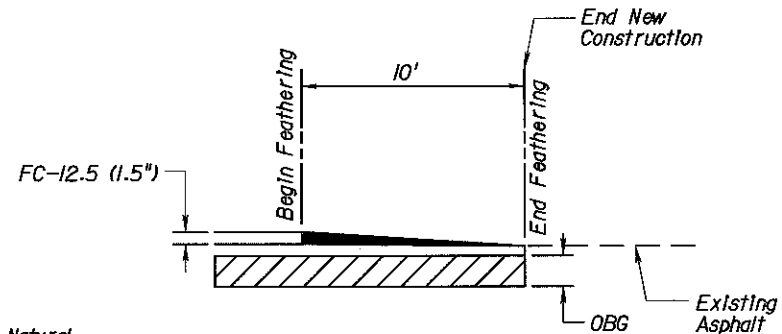
TRAFFIC DATA

DESIGN SPEED = 45 MPH
POSTED SPEED = 45 MPH

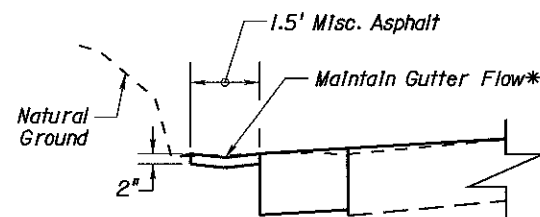
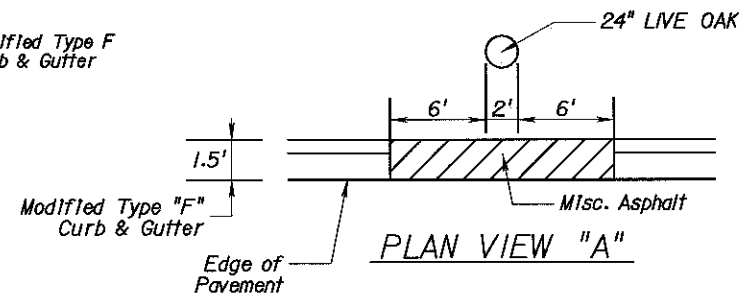
**MODIFIED TYPE "F"
CURB & GUTTER DETAIL**



ASPHALT FEATHERING DETAIL

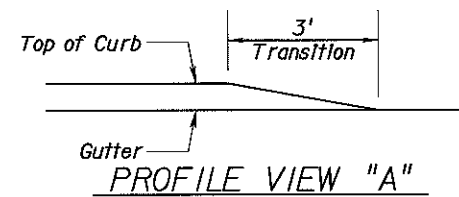


CURB & GUTTER DETAIL "A"

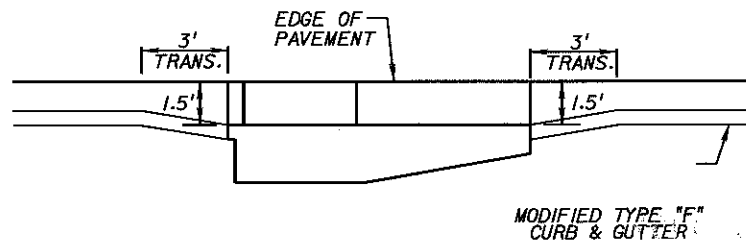


CROSS SECTION VIEW "A"

* Misc. Asphalt to be constructed so that gutter flow is maintained along proposed profile.

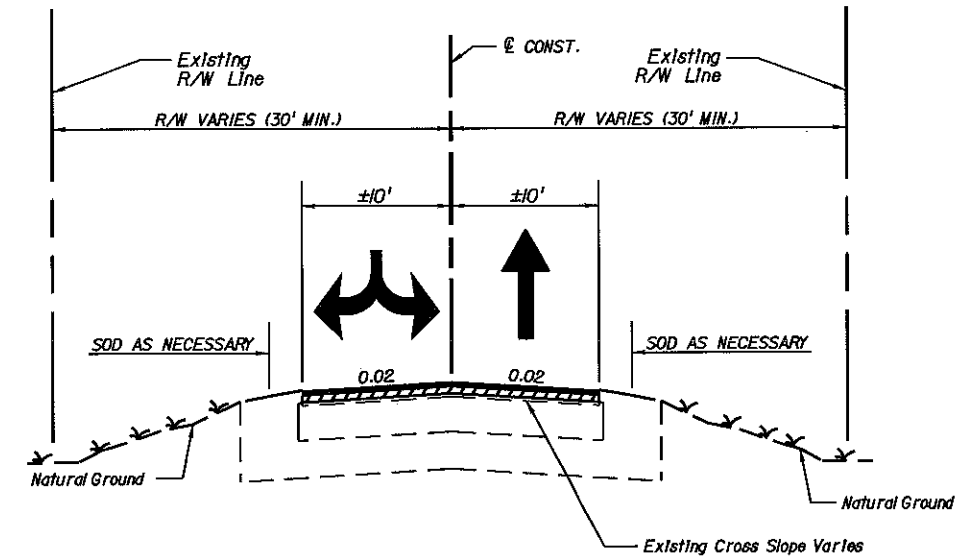


PROFILE VIEW "A"



**INLET TYPE 5
GUTTER TRANSITION DETAIL**

*M. Todd French
4/23/09*



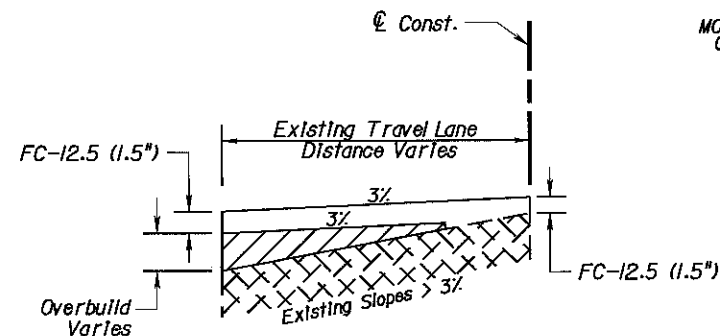
**TYPICAL SECTION
BANNERMAN ROAD
RECONSTRUCTION
STA. 202+60.00 TO STA. 205+90.00**

RECONSTRUCTION

OPTIONAL BASE GROUP 9 (TYPE B-12.5) WITH
TYPE SP 12.5 STRUCTURAL COURSE (TRAFFIC C) (1.5")
AND FRICTION COURSE FC-12.5 (1 1/2") (RUBBER)

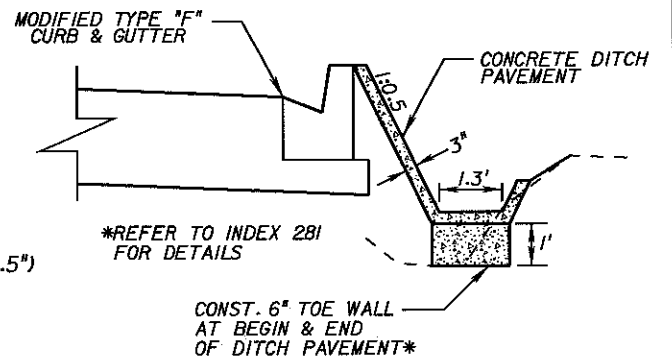
TRAFFIC DATA

DESIGN SPEED = 45 MPH
POSTED SPEED = 45 MPH



CROSS SLOPE CORRECTION DETAIL

Only applies to existing cross slopes greater than 3.0%.



DITCH PAVT. DETAIL

**MERIDIAN ROAD
STA. 108+50.00 TO STA. 109+50.00**

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Engineer of Record: **M. Todd French**
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LEON COUNTY
CONSTRUCTION PLANS FOR:
BANNERMAN TURN LANE

**MERIDIAN/BANNERMAN
INTERSECTION
TYPICAL SECTION & DETAILS**

SHEET NO.
3

GENERAL NOTES:

1. PROJECT BENCHMARK: NORTH AMERICAN VERTICAL DATUM 1988 (NAVD 88).
2. EXISTING DRAINAGE STRUCTURES WITHIN CONSTRUCTION LIMITS SHALL BE REMOVED UNLESS OTHERWISE NOTED.
3. THE LOCATION OF UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE ONLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY AND DETERMINE THE LOCATION OF ALL EXISTING UTILITIES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES AND PROVIDE FOR PROTECTION OF EXISTING UTILITIES DURING CONSTRUCTION. UTILITIES ARE TO BE ADJUSTED BY OTHERS. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL UTILITY COORDINATION. THE CONTRACTOR SHALL NOTIFY UTILITY OWNERS THROUGH SUNSHINE STATE ONE CALL OF FLORIDA, INC. (1-800-432-4770, UNIVERSAL NUMBER 811) TWO BUSINESS DAYS IN ADVANCE OF BEGINNING CONSTRUCTION. IN ADDITION, THE CONTRACTOR SHALL NOTIFY UTILITY OWNERS AT THE TELEPHONE NUMBERS LISTED BELOW TWO BUSINESS DAYS IN ADVANCE OF BEGINNING CONSTRUCTION:

AGENCY	CONTACT	TELEPHONE NO.
CITY OF TALLAHASSEE WATER UTILITY	TOMMY CRADY	850-694-8006
LEON COUNTY PUBLIC WORKS	JOE BROWN, P.E.	850-606-1500
4. ANY PUBLIC LAND CORNER OR BENCHMARK WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED BY CONTRACTOR. ANY BENCHMARKS DAMAGED DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.
5. EXISTING DRIVEWAYS WITHIN THE LIMITS OF THIS PROJECT ARE TO REMAIN AND IF DISTURBED BE REPLACED IN KIND UNLESS OTHERWISE SHOWN IN THE PLANS.
6. THE CONTRACTOR WILL BE REQUIRED TO COORDINATE CONSTRUCTION EFFORTS WITH OTHER CONTRACTORS THAT HAVE BEEN ISSUED A PERMIT WITHIN THE LIMITS OF THIS PROJECT. IN ADDITION, THE CONTRACTOR WILL BE RESPONSIBLE FOR THE COORDINATION OF ALL CONSTRUCTION SCHEDULES. ALL COST INCURRED BY THE CONTRACTOR FOR THE COORDINATION EFFORTS WILL BE INCIDENTAL TO EXISTING PAY ITEMS.
7. THE CONTRACTOR IS TO MAINTAIN AND KEEP STREET NAME IDENTIFICATION VISIBLE DURING CONSTRUCTION OPERATIONS, IN ORDER TO FACILITATE EMERGENCY VEHICLE TRAFFIC.
8. THE CONTRACTOR SHALL NOT BRING HAZARDOUS MATERIALS ONTO THE PROJECT. SHOULD THE CONTRACTOR REQUIRE SUCH MATERIAL FOR PERFORMING THE CONTRACT WORK, THE CONTRACTOR SHALL REQUEST, IN WRITING, WRITTEN PERMISSION FROM THE ENGINEER AND SUBMIT A MATERIAL SAFETY DATA SHEET FOR EACH HAZARDOUS MATERIAL PROPOSED FOR USE. THE CONTRACTOR SHALL PROVIDE EACH HAZARDOUS MATERIAL PROPOSED FOR USE. BECAUSE STATE LAW DOES NOT TREAT PETROLEUM PRODUCTS THAT ARE PROPERLY CONTAINERIZED AND INTENDED FOR EQUIPMENT USE AS A HAZARDOUS MATERIAL, SUCH PRODUCTS DO NOT NEED A MSDS SUBMITTAL.
9. THE CONTRACTOR SHALL SUBMIT A POST-CONSTRUCTION CERTIFICATION AND REPRODUCIBLE RECORD DRAWINGS TO THE ENGINEER PRIOR TO INSPECTION AND ACCEPTANCE. THE RECORD DRAWINGS SHALL BE PREPARED AND CERTIFIED BY A PROFESSIONAL LAND SURVEYOR. PRIOR TO ANY CONSTRUCTION ACTIVITIES A PRE-CONSTRUCTION MEETING WILL BE HELD ON-SITE.
10. ANY KNOWN OR SUSPECTED HAZARDOUS MATERIAL FOUND ON THE PROJECT BY THE CONTRACTOR SHALL BE IMMEDIATELY REPORTED TO THE ENGINEER, WHO SHALL DIRECT THE CONTRACTOR TO PROTECT THE AREA OF KNOWN OR SUSPECTED CONTAMINATION FROM FURTHER ACCESS. THE ENGINEER IS TO NOTIFY LEON COUNTY OF THE DISCOVERY. LEON COUNTY WILL ARRANGE FOR INVESTIGATION, IDENTIFICATION AND REMEDIATION OF THE HAZARDOUS MATERIAL. THE CONTRACTOR SHALL NOT RETURN TO THE AREA OF CONTAMINATION UNTIL APPROVAL IS PROVIDED BY THE ENGINEER. THE LEON COUNTY WILL ADVISE THE ENGINEER WHEN THE CONTRACTOR SHALL RETURN.
11. ANY REQUIRED TEMPORARY MARKINGS MUST BE IN PLACE BEFORE OPENING LANES TO TRAFFIC.
12. ALL AREAS OUTSIDE THE CONSTRUCTION LIMITS CHANGED OR DISTURBED BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST.
13. ALL LANES MUST BE REOPENED TO NORMAL TRAFFIC WITHIN 12 HOURS DURING AN EVACUATION NOTICE OF A HURRICANE OR OTHER CATASTROPHIC EVENTS AND SHALL REMAIN OPEN FOR THE DURATION OF THE EVACUATION OR EVENTS AS DIRECTED BY THE PROJECT ENGINEER.
14. CONFLICTING OR MISLEADING PAVEMENT MARKINGS SHALL BE REMOVED BY WATER BLASTING OR OTHER METHODS APPROVED BY THE ENGINEER. ALL EXISTING PAVEMENT MARKINGS OUTSIDE THE LIMITS OF CONSTRUCTION WHICH ARE ALTERED SHALL BE REPLACED UPON COMPLETION OF PROJECT.
15. ALL EXCESS MATERIALS ARE TO BE REMOVED FROM THE SITE AT THE CONTRACTORS EXPENSE.
16. THE CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE AT ALL TIMES.
17. ACCESS TO ADJACENT PROPERTIES WILL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
18. UTILITY AND COUNTY OWNED MANHOLES AND VALVE COVERS TO BE RAISED TO THE FINAL GRADE PRIOR TO PLACEMENT OF THE FRICTION COURSE.
19. DRAINAGE STRUCTURES S-9 AND S-14 ARE IN CLOSE PROXIMITY TO A 6" GAS LINE. IT IS ANTICIPATED THAT THE FINAL POSITION OF EACH STRUCTURE AND THE GAS LINE WILL NEED TO BE ADJUSTED TO AVOID CONFLICT. THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER AND THE CITY OF TALLAHASSEE TO ADJUST LOCATIONS AS NECESSARY. FINAL POSITION OF S-9 & S-14 SHALL BE DETERMINED PRIOR TO ORDERING THESE PRE-CAST STRUCTURES
20. ALONG BANNERMAN ROAD, THE SIDE DRAIN PIPES SHALL BE DESILTED AND THE ROADSIDE DITCHES CLEANED AND EXCAVATED TO ENSURE THAT NO WATER PONDS. EXCAVATE THE DITCHES SUCH THAT A POSITIVE FLOW PATH EXISTS BETWEEN THE FLOW LINES OF THE SIDE DRAIN PIPES. THE DITCH BOTTOM WIDTH SHALL BE NO LESS THAN ONE FOOT.
21. WHEN CONSTRUCTING THE DRAINAGE STRUCTURES AND SIGNAL POLE FOUNDATIONS, USE SHEET PILE OR TRENCH BOX OR BOTH AS NEEDED TO AVOID EXCAVATING OR IMPACTING THE BACK SLOPES.
22. ALL PROPOSED STORM DRAIN PIPE SHALL BE STEEL REINFORCED CONCRETE PIPE.
23. ALL WATER DISTRIBUTION CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF TALLAHASSEE SPECIFICATIONS FOR WATER AND SEWER UTILITIES, DATED JANUARY 2006.
24. TREE PROTECTION BARRICADES OR FENCES WILL BE INSTALLED PRIOR TO ANY DEVELOPMENT ACTIVITIES ALONG THE ROOT PRUNING LINES AND ELSEWHERE ALONG THE CPZ LINE ON THE PROPERTY TO PREVENT ROOT AND SOIL COMPACTION RESULTING FROM VEHICULAR TRAFFIC, EQUIPMENT STORAGE, OR MATERIAL STOCK PILING. BARRICADES SHOULD BE METAL FENCE POSTS SET AT 10' INTERVALS WITH HOG WIRE FENCING. UNDER NO CIRCUMSTANCES SHOULD THIS BARRICADE LINE BE CROSSED. ALL TREE PROTECTION BARRICADE LOCATIONS ARE TO BE DETERMINED BY A CERTIFIED ARBORIST.
25. THE CONTRACTOR SHALL COORDINATE WITH THE ARBORIST CONCERNING THE PRUNING OF TREES THAT ENCROUGH INTO OR OVER THE TRAVEL LANES AND/OR TREES THAT CONFLICT WITH THE THE SIGNAL POLE.
26. ALL ARBORICULTURAL WORK IS TO BE SUPERVISED BY A CERTIFIED ARBORIST.

MAINTENANCE OF TRAFFIC GENERAL NOTES:

1. TRAFFIC CONTROLS SHALL BE IN ACCORDANCE WITH THE PROJECT PLANS, THE CURRENT EDITION OF THE F.D.O.T. DESIGN STANDARD INDEX NOS. 600, 603, 604, 605, & 606 DEPENDENT UPON THE OPERATION TO BE PERFORMED.
2. TRAFFIC SHALL BE MAINTAINED IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" AND THE FDOT'S "ROADWAY AND TRAFFIC DESIGN STANDARDS."
3. CONFLICTING OR MISLEADING PAVEMENT MARKINGS SHALL BE REMOVED BY HYDRO-BLASTING OR ANY OTHER METHOD WHICH PRODUCES THE SAME RESULTS IN THE SAME MANNER AS HYDRO-BLASTING. ALL EXISTING PAVEMENT MARKING OUTSIDE THE LIMITS OF CONSTRUCTION WHICH ARE ALTERED SHALL BE REPLACED UPON COMPLETION OF THE PROJECT.
4. THE CONTRACTOR MUST MAINTAIN POSITIVE DRAINAGE THROUGHOUT THE PROJECT DURING ALL PHASES OF CONSTRUCTION.
5. THE CONTRACTOR MUST MAINTAIN ACCESS TO ADJACENT PROPERTIES DURING ALL PHASES OF CONSTRUCTION.
6. TRAFFIC CONDITIONS, ACCIDENTS AND OTHER UNFORESEEN EMERGENCY CONDITIONS MAY REQUIRE THE ENGINEER TO RESTRICT OR REMOVE LANE CLOSURES OR CHANNELIZATIONS SHOWN IN THE PLANS. THE CONTRACTOR SHALL RESPOND AND PROVIDE ADJUSTMENTS AS DIRECTED BY THE ENGINEER WITHOUT DELAY UNDER THESE CONDITIONS. THE CONTRACTOR SHALL ALSO RESPOND WITHIN TIME CONSTRAINTS OUTLINED IN THE STANDARD SPECIFICATIONS UPON NOTIFICATION BY THE ENGINEER TO ANY REQUEST FOR CORRECTION, IMPROVEMENT, OR MODIFICATION TO THE TRAFFIC CONTROL PLAN AND/ OR DEVICES.
7. THE CONTRACTOR SHALL INSTALL TEMPORARY PAVEMENT MARKINGS INDICATING LANE LINES. ARROWS AND PAVEMENT MESSAGES SHALL BE PROVIDED TO COMPLETELY DEFINE TRAFFIC OPERATIONS DURING AND AT THE END OF EACH OPERATION AND/OR DAY'S OPERATION. COST TO BE INCLUDED IN THE UNIT PRICE FOR MAINTENANCE OF TRAFFIC.
8. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REMOVE ALL UNUSED BARRICADES, SIGNS, AND/ OR WARNING DEVICES TO THE APPROPRIATE STORAGE FACILITY UPON COMPLETION OF THEIR USE FOR THE DESIRED TRAFFIC CONTROL OPERATION. TCP SIGNS MAY REMAIN IN PLACE, BUT SHALL BE FACING TRAFFIC AND COMPLETELY COVERED AS NOT TO BE READABLE.
9. REGULATORY SPEED OF 35 MPH SHALL BE USED FOR TRAFFIC CONTROL DURING CONSTRUCTION.
10. THE CONTRACTOR SHALL CONFIRM THAT EXISTING SIGNAGE WILL NOT POSE A CONFLICT FOR WORK ZONE TRAFFIC CONTROL. THE CONTRACTOR SHALL COVER, RELOCATE OR REMOVE ALL SIGNING IN CONFLICT WITH TRAFFIC CONTROL DURING CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL PROVIDE A SAFE STORAGE OF SIGNING MATERIALS TO BE REINSTALLED (RELOCATED) AT COMPLETION OF PROJECT. SEE THE GENERAL NOTES SHEET CONCERNING STREET NAME SIGNS.
11. ALL VEHICLES, EQUIPMENT, WORKERS AND THEIR ACTIVITIES ARE RESTRICTED AT ALL TIMES TO ONE SIDE OF THE ROAD.
12. ANY REQUIRED TEMPORARY MARKING MUST BE IN PLACE BEFORE OPENING LANES TO TRAFFIC.
13. WORKING HOURS SHALL BE FROM 9:00 AM TO 4:00 PM, MONDAY THROUGH FRIDAY, HOWEVER, UPON REQUEST OF THE CONTRACTOR, THE ENGINEER OR HIS DESIGNEE, MAY CONSIDER AN ALTERNATIVE TO THESE WORKING HOURS BASED ON THE TIME OF THE YEAR, SITE, WEATHER, AND TRAFFIC CONDITIONS.
14. SINGLE LANE CLOSURES WILL BE ALLOWED BETWEEN 9:00 AM AND 4:00 PM. LANE CLOSURES WILL NOT BE ALLOWED DURING SPECIAL EVENTS AND DURING THE HOLIDAY PERIODS OF MEMORIAL DAY (LAST MONDAY IN MAY), INDEPENDENCE DAY (JULY 3 AND 4), LABOR DAY (FIRST MONDAY IN SEPTEMBER), THANKSGIVING (LAST THURSDAY, FRIDAY, SATURDAY AND SUNDAY OF NOVEMBER) CHRISTMAS EVE (DECEMBER 24), CHRISTMAS DAY (DECEMBER 25), NEW YEARS EVE (DECEMBER 31), NEW YEARS DAY (JANUARY 1).



MAINTENANCE OF TRAFFIC PHASING NOTES:

- PHASE I
1. INSTALL WORK ZONE TRAFFIC CONTROL SIGNS PER INDEX NOS. 600, 604, & 605.
- PHASE II
1. CONSTRUCT DRAINAGE STRUCTURES AND PIPES, CONSTRUCT WIDENING, AND CONSTRUCT SIGNALS.
 2. PLACE SUPERPAVE & PLACE FRICTION COURSE.
- PHASE III
1. INSTALL FINAL STRIPING, MARKINGS, AND PERMANENT RPMS.
 2. REMOVE ALL CONSTRUCTION SIGNAGE.

SURVEY BENCH MARK INFORMATION

1. ELEVATIONS ARE BASED ON AN ELEVATION OF 166.62' NAVD 88 AT BENCH MARK LEO 125. THE MARK IS ABOUT 4.5' MIN OF BRADFORDVILLE, IN SECTION 12, T 2 N, R 1 W. THE MARK IS LOCATED IN THE SE QUADRANT OF THE INTERSECTION OF MERIDIAN ROAD AND BANNERMAN ROAD, APPROXIMATELY 37' EAST OF THE CENTERLINE OF MERIDIAN ROAD AND 42' SOUTH OF THE CENTERLINE OF BANNERMAN ROAD.
2. BENCHMARK INFORMATION:
 - BM #1 - EL. 166.16' NAVD 88 - A CONCRETE MONUMENT LOCATED AT THE NE CORNER OF BANNERMAN AND MERIDIAN ROAD
 - BM #2 - EL. 167.50' NAVD 88 - A CONCRETE MONUMENT 18' NE OF BM #3
 - BM #3 - EL. 164.63' NAVD 88 - A NAIL IN A 12" HICKORY LOCATED 23' NE OF THE CENTERLINE OF MERIDIAN ROAD AND 19' SE OF A SPEED LIMIT SIGN
 - BM #4 - EL. 177.81' NAVD 88 - A NAIL IN A POWER POLE LOCATED 22.3' S OF THE CENTERLINE OF BANNERMAN ROAD, 17' SE OF A MAILBOX AND 28' E OF THE CENTERLINE OF A DRIVEWAY

M. Todd French
4/23/09

REVISIONS						Engineer of Record: M. Todd French P.E. # 56711  2639 N. MONROE ST. BLDG C TALLAHASSEE, FL 32303 (850) 575-1800 www.pbsj.com		LEON COUNTY CONSTRUCTION PLANS FOR: BANNERMAN TURN LANE	MERIDIAN/BANNERMAN INTERSECTION TCP & GENERAL NOTES	SHEET NO. 4
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION					

SPECIAL TREE PROTECTION REQUIREMENTS:

- THE FOLLOWING DRAINAGE STRUCTURES ARE IN CONFLICT WITH PROTECTED TREES. PRIOR TO CONSTRUCTION ROOT PRUNING WILL BE REQUIRED AS CLOSE AS POSSIBLE TO THE PROPOSED STRUCTURE LOCATION. A CERTIFIED ARBORIST MUST BE PRESENT DURING CONSTRUCTION TO PRUNE ANY ROOTS UNCOVERED BY EXCAVATION.

STRUCTURE NO. (DESCRIPTION)	LOCATION	TREES IMPACTED
S-3 (END WALL)	STA. 103+33 (LT)	LIVE OAK (34" AND 52")
S-6 (CURB INLET)	STA. 105+03 (RT)	MULTIPLE
S-15 (END WALL)	STA. 110+11 (RT)	LIVE OAK (31")

- ALONG THE WEST SIDE OF MERIDIAN ROAD, FROM STA. 103+00 TO STA. 106+00, THE PROPOSED ROADWAY TRANSITS THROUGH SEVERAL CANOPY PROTECTION ZONES. HOWEVER, GENERAL MITIGATION REQUIREMENTS WILL BE SUFFICIENT FOR RESOLUTION OF THESE CONFLICTS.
- ON THE EAST SIDE OF MERIDIAN ROAD, AT STA. 104+50, THE CANOPY PROTECTION ZONE OF A 34" LIVE OAK EXTENDS ACROSS THE ROADWAY. THIS ISSUE CAN BE ADDRESSED WITH GENERAL MITIGATION REQUIREMENTS.
- ON THE EAST SIDE OF MERIDIAN ROAD, AT STA. 106+20, A 24" LIVE OAK IS LOCATED IMMEDIATELY ADJACENT TO THE PROPOSED CURB. AN AIR SPADE ANALYSIS REVEALED NO ROOTS GREATER THAN 2" GROWING TOWARD THE ROADWAY. TO AVOID IMPACT, THE CURB AT THIS LOCATION SHALL BE CONSTRUCTED BY HAND WITHIN THE CANOPY PROTECTION ZONE. IN ADDITION NO CURB SHALL BE CONSTRUCTED WITHIN 6 LF ALONG THE PROPOSED ROADWAY ON EITHER SIDE OF THE TREE TRUNK.
- THE TRAFFIC SIGNAL MAST ARM FOUNDATION WILL HAVE NO IMPACT ON ANY TREE GREATER THAN 2". THE PROPOSED STRUCTURE IS LOCATED IN AN AREA, WHICH HAS BEEN DISTURBED BY PREVIOUS CONSTRUCTION. THE MAST ARMS OVERHANGING THE ROADWAY ARE WELL CLEAR OF ANY TREE TRUNKS OR LIMBS. MINOR PRUNING OF TREES WILL BE NECESSARY TO ENHANCE DRIVER SIGHT DISTANCE TO THE TRAFFIC SIGNALS.

GENERAL MITIGATION REQUIREMENTS:

- * THE FOLLOWING MITIGATION REQUIREMENTS APPLY TO ALL TREES WITHIN THE PROJECT LIMITS, WHICH HAVE A CANOPY PROTECTION ZONE (CPZ) EXTENDING INTO AREAS OF CONSTRUCTION. SUCH AREAS INCLUDE, BUT ARE NOT LIMITED TO CURBS, DRAINAGE STRUCTURES AND ROADWAY PAVEMENT.

ROOT PRUNING

- ROOT PRUNING SHALL BE PERFORMED PRIOR TO ANY EXCAVATION WITHIN THE CPZ OF ANY TREE.
- ALL EXPOSED ROOTS, WHICH HAVE BEEN PRUNED OR CUT SHALL BE COVERED WITH TOPSOIL, MULCH, OR OTHER ORGANIC MEDIUM AS SOON AS POSSIBLE.
- ROOT PRUNING IS NOT REQUIRED WHERE THE PROPOSED CHANGE IN GRADE CREATES A FILL DEPTH GREATER THAN 14".

WATERING

- IMMEDIATELY FOLLOWING ROOT PRUNING, AFFECTED TREES WILL REQUIRE WATERING AT A RATE EQUIVALENT TO 1" OF RAINFALL PER WEEK. SUCH WATERING SHALL CONTINUE THROUGH SUBSTANTIAL COMPLETION OF THE PROJECT.
- A RAIN GAUGE SHALL BE INSTALLED ON SITE AND MONITORED WEEKLY BY THE SITE SUPERVISOR. WATERING SHALL BE ADJUSTED AS REQUIRED BY WEATHER CONDITIONS.

LIMB PRUNING

- ALL TREE LIMB PRUNING SHALL BE CONDUCTED ACCORDING TO AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) A300. SUCH PRUNING SHALL CONSIST OF THE REMOVAL OF DEAD, DYING, DISEASED INTERFERING (SUBORDINATE LIMBS WHICH MAY RESTRICT GROWTH OF MORE DOMINANT LIMBS), OBJECTIONABLE (INCREASED RISK OF BRANCH AND STEM FAILURE, DEVELOPMENT OF LOW AGGRESSIVE LIMBS, FORMATION OF CODOMINANT STEMS, DEFECTS SUCH AS INCLUDED BARK AND DEAD BRANCHES, OBSTRUCTED VIEWS), AND WEAK BRANCHES ON THE MAIN TRUNK, AS WELL AS THOSE WITHIN THE LEAF AREA. AN OCCASIONAL BRANCH UP TO 2" IN DIAMETER MAY REMAIN WITHIN THE MAIN LEAF AREA WHERE IT IS NOT PRACTICAL TO REMOVE IT.

FERTILIZATION

- FERTILIZATION OF ALL TREES SHALL BE DONE BY DRILL HOLE METHOD. A LOW NITROGEN, SLOW RELEASE, GRANULAR FERTILIZER IS TO BE USED AND SHALL BE APPLIED AT THE MANUFACTURER'S RECOMMENDED RATE.
- FERTILIZATION SHALL BE COMPLETED PRIOR TO INITIALIZATION OF CONSTRUCTION ACTIVITIES.


TREE BARRICADES

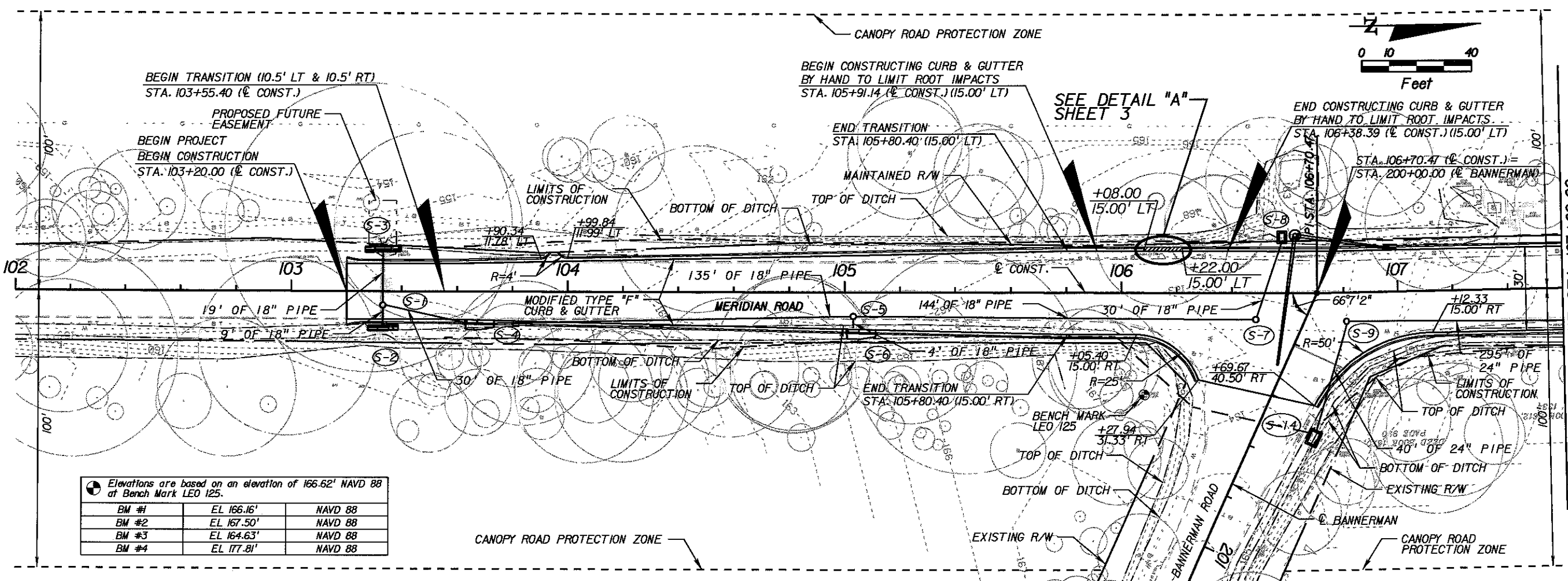
- TREE PROTECTION BARRICADES OR FENCES SHALL BE INSTALLED ALONG ROOT PRUNING LINES AND ELSEWHERE ALONG THE CPZ LINE WITHIN RIGHT OF WAY PRIOR TO CONSTRUCTION ACTIVITIES TO PREVENT ROOT AND SOIL COMPACTION RESULTING FROM VEHICULAR TRAFFIC, EQUIPMENT STORAGE, OR MATERIAL STOCK PILING.
- BARRICADE CONSTRUCTION SHALL CONSIST OF HOG WIRE FENCING SUPPORTED BY METAL FENCE POSTS SET AT 10' INTERVALS.
- TREE BARRICADE LINES SHALL NOT BE CROSSED.

SUPERVISION AND MONITORING

- ALL ARBORICULTURAL WORK SHALL BE PERFORMED BY A CERTIFIED ARBORIST.

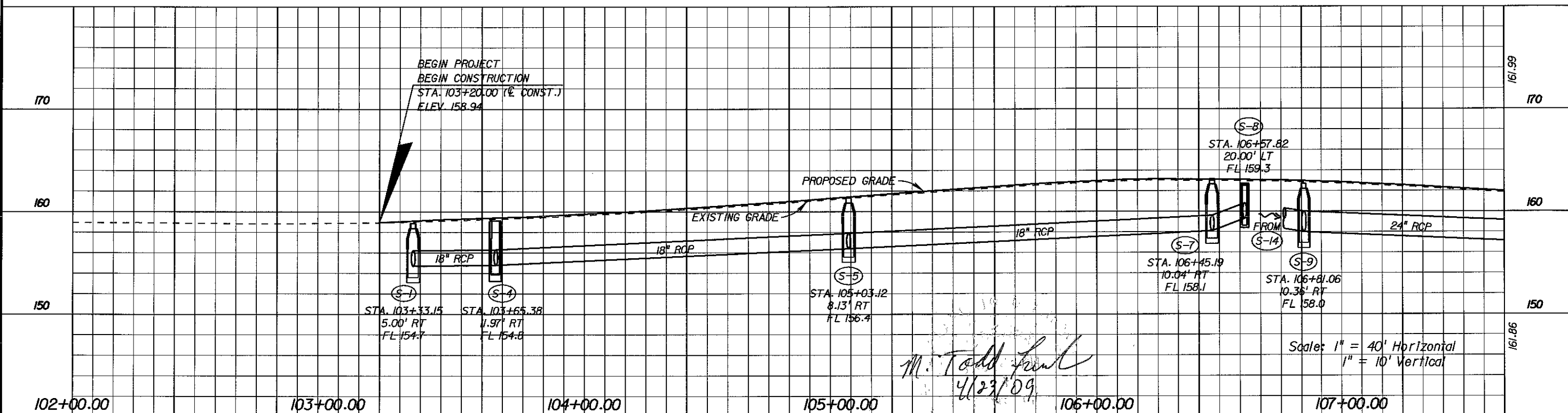
M. Todd French
4/23/09

REVISIONS						Engineer of Record: PBSJ Certificate of Authorization No. 24	M. Todd French P.E. # 56711 2639 N. MONROE ST. BLDG C TALLAHASSEE, FL 32303 (850) 575-1800 www.pbsj.com		LEON COUNTY CONSTRUCTION PLANS FOR: BANNERMAN TURN LANE	MERIDIAN/BANNERMAN INTERSECTION MITIGATION NOTES	SHEET NO. 5
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION						



Elevations are based on an elevation of 166.62' NAVD 88 at Bench Mark LEO 125.

BM #	EL	NAVD 88
BM #1	EL 166.16'	NAVD 88
BM #2	EL 167.50'	NAVD 88
BM #3	EL 164.63'	NAVD 88
BM #4	EL 177.81'	NAVD 88



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

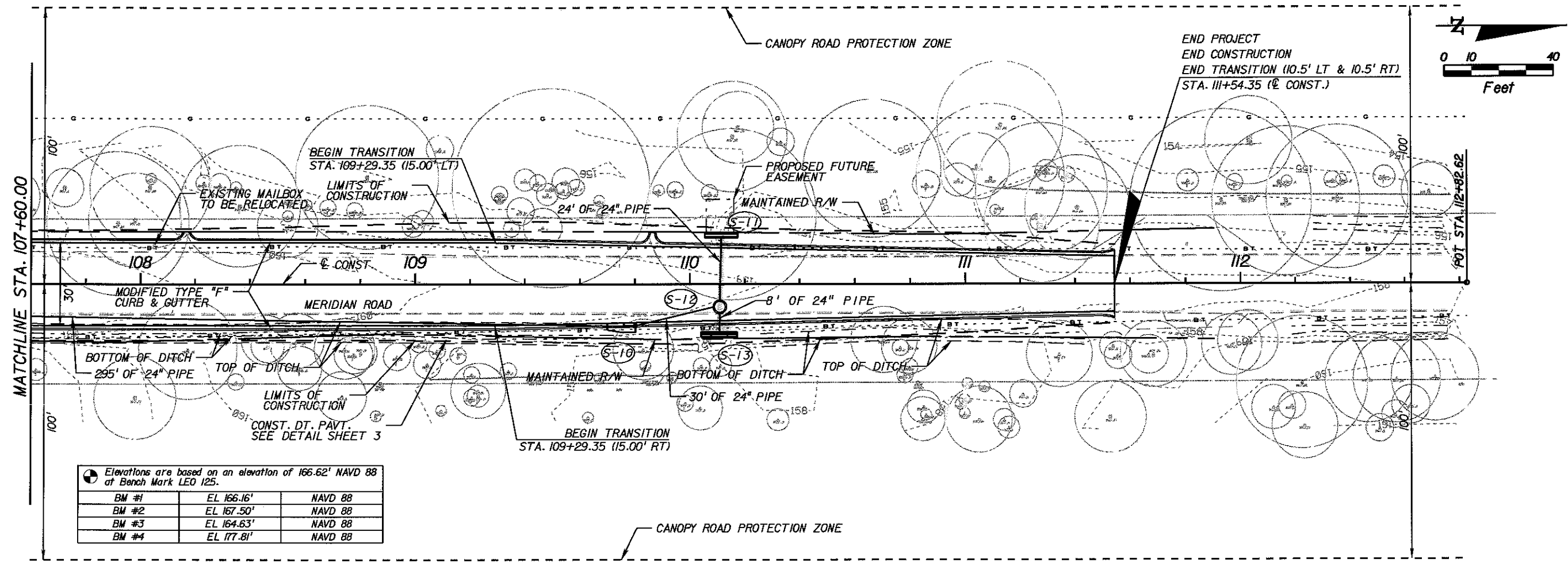
Engineer of Record:
PBSJ
 M. Todd French
 P.E. # 56711
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LEON COUNTY
 CONSTRUCTION PLANS FOR:
 BANNERMAN TURN LANE

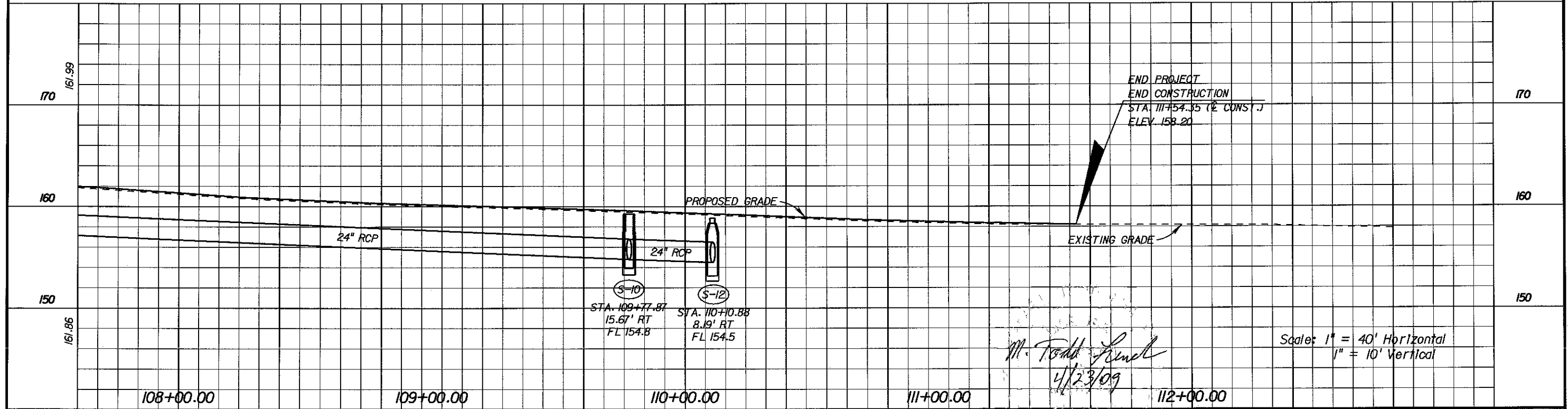
MERIDIAN/BANNERMAN
 INTERSECTION
 PLAN AND PROFILE SHEET

SHEET NO.
 6



Elevations are based on an elevation of 166.62' NAVD 88 at Bench Mark LEO 125.

BM #1	EL 166.16'	NAVD 88
BM #2	EL 167.50'	NAVD 88
BM #3	EL 164.63'	NAVD 88
BM #4	EL 177.81'	NAVD 88



M. Todd French
4/23/09

Scale: 1" = 40' Horizontal
1" = 10' Vertical

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Engineer of Record:
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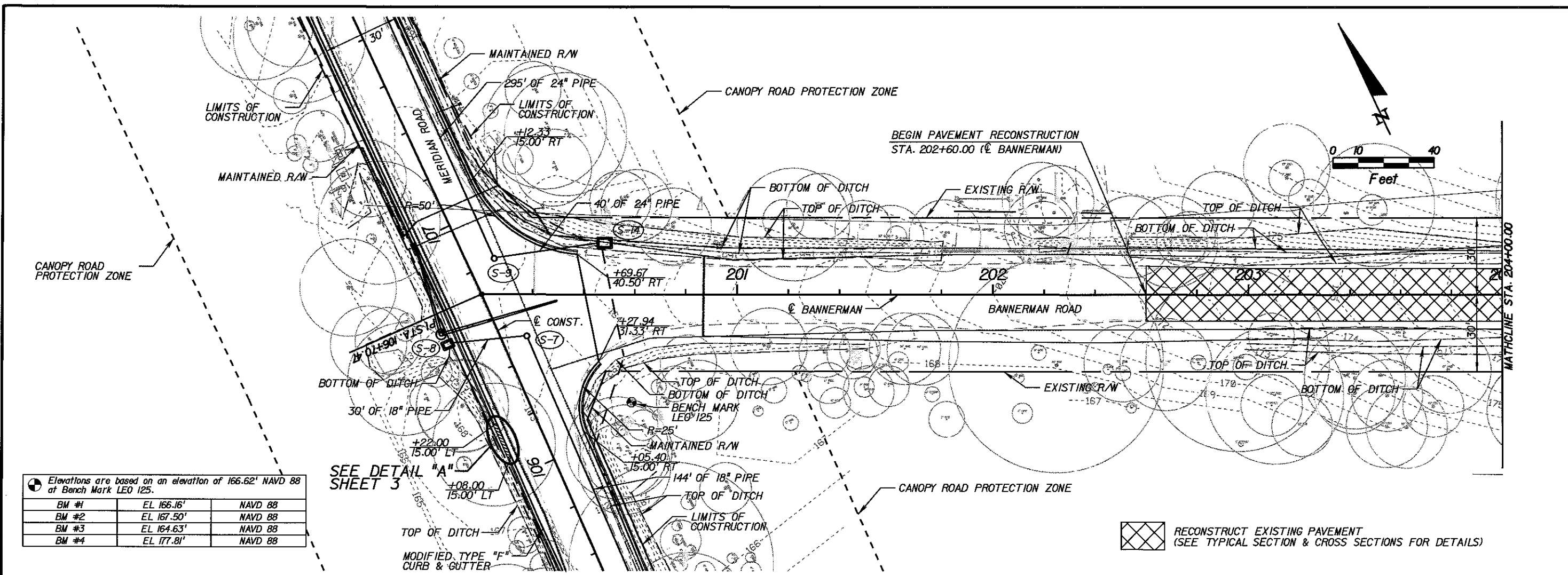
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LEON COUNTY
 CONSTRUCTION PLANS FOR:
 BANNERMAN TURN LANE

MERIDIAN/BANNERMAN
 INTERSECTION
 PLAN AND PROFILE SHEET

SHEET NO.
 7

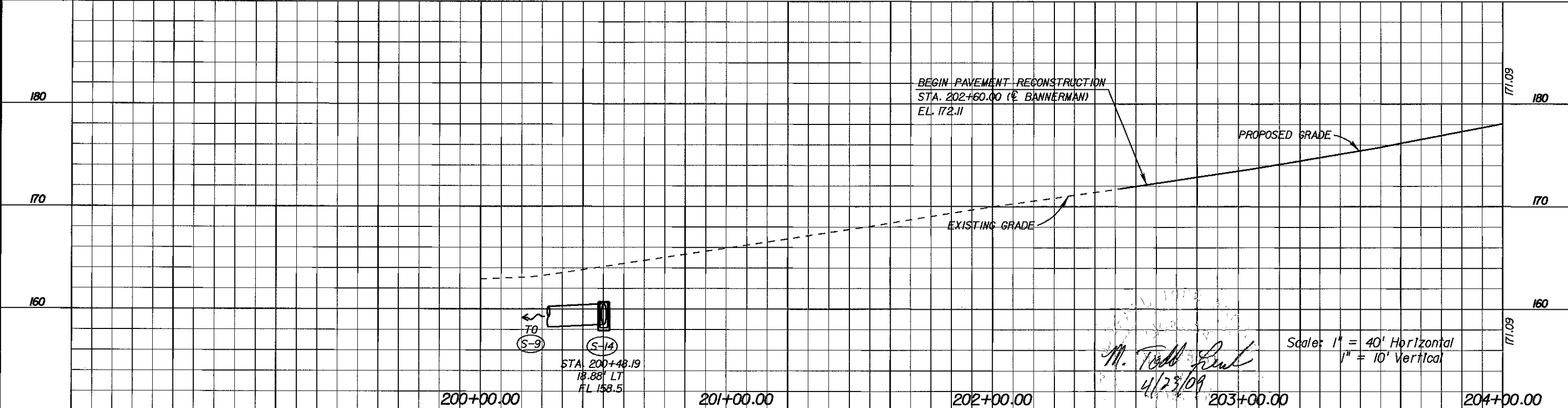


Elevations are based on an elevation of 166.62' NAVD 88 at Bench Mark LEO 125.

BM #1	EL 166.16'	NAVD 88
BM #2	EL 167.50'	NAVD 88
BM #3	EL 164.63'	NAVD 88
BM #4	EL 177.81'	NAVD 88

SEE DETAIL "A" SHEET 3

RECONSTRUCT EXISTING PAVEMENT (SEE TYPICAL SECTION & CROSS SECTIONS FOR DETAILS)



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

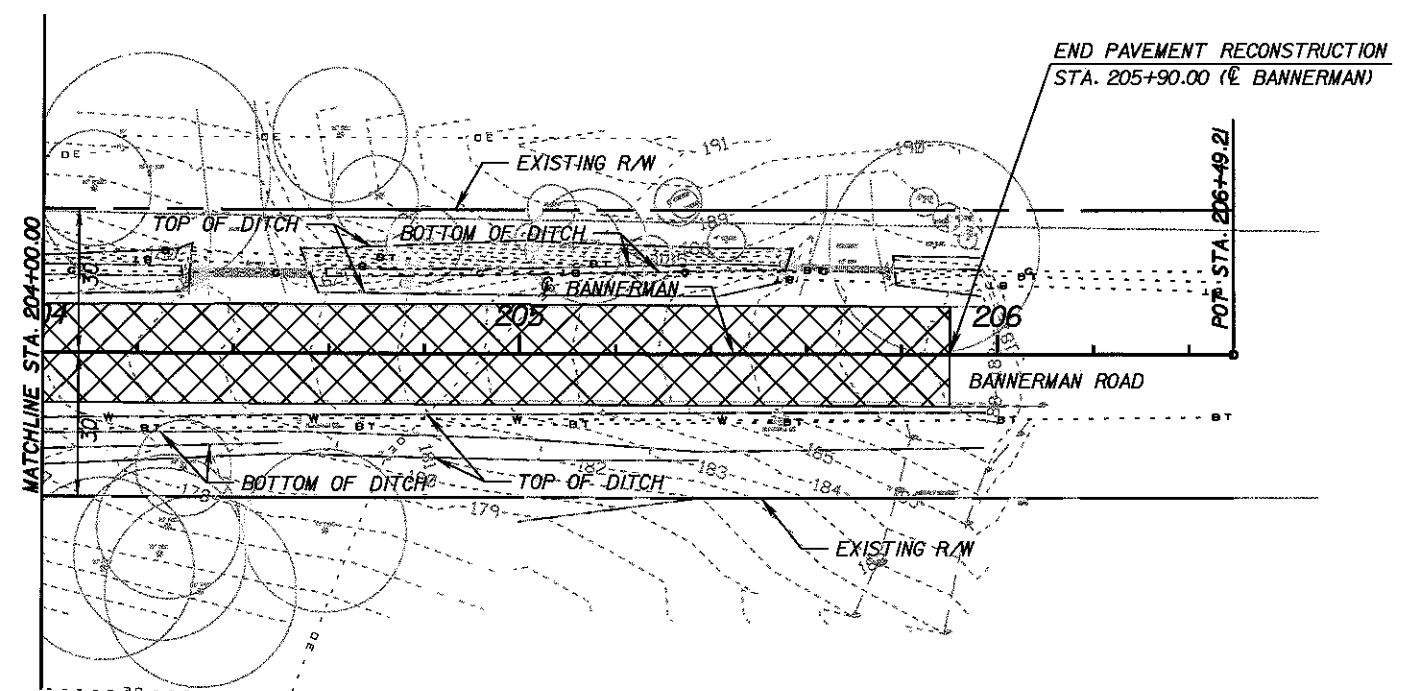
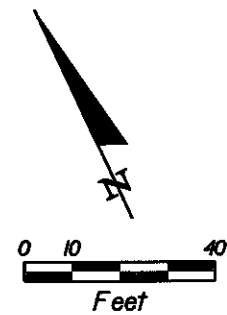
Engineer of Record:
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LEON COUNTY
 CONSTRUCTION PLANS FOR:
 BANNERMAN TURN LANE


Scale: 1" = 40' Horizontal
 1" = 10' Vertical
 M. Todd French
 4/23/09
MERIDIAN/BANNERMAN INTERSECTION PLAN AND PROFILE SHEET

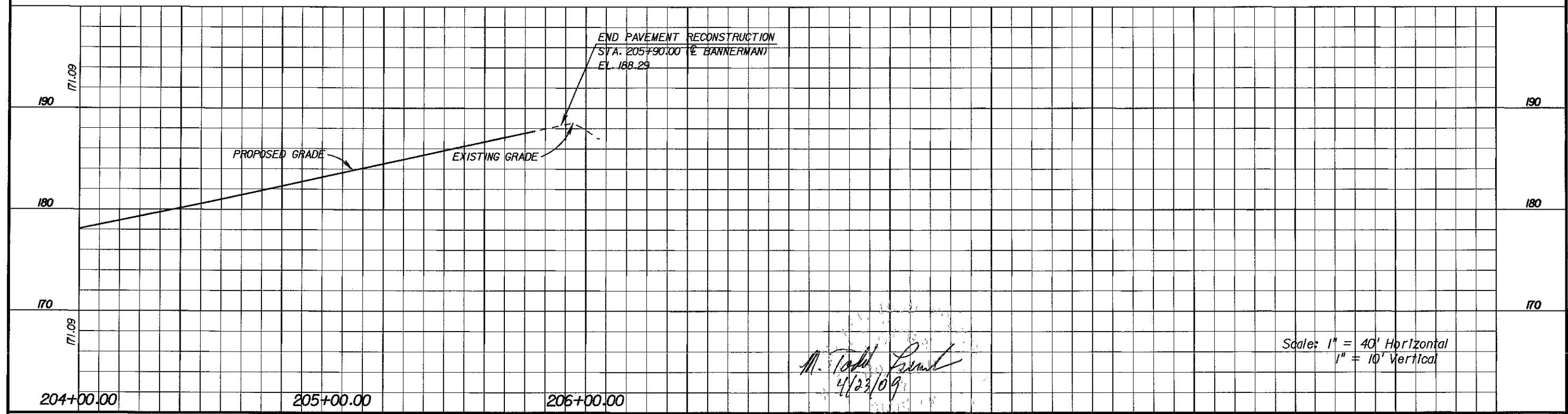
SHEET NO.
 8



Elevations are based on an elevation of 166.62' NAVD 88 at Bench Mark LEO 125.

BM #1	EL 166.16'	NAVD 88
BM #2	EL 167.50'	NAVD 88
BM #3	EL 164.63'	NAVD 88
BM #4	EL 177.81'	NAVD 88

 RECONSTRUCT EXISTING PAVEMENT
(SEE TYPICAL SECTION & CROSS SECTIONS FOR DETAILS)



Scale: 1" = 40' Horizontal
1" = 10' Vertical

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

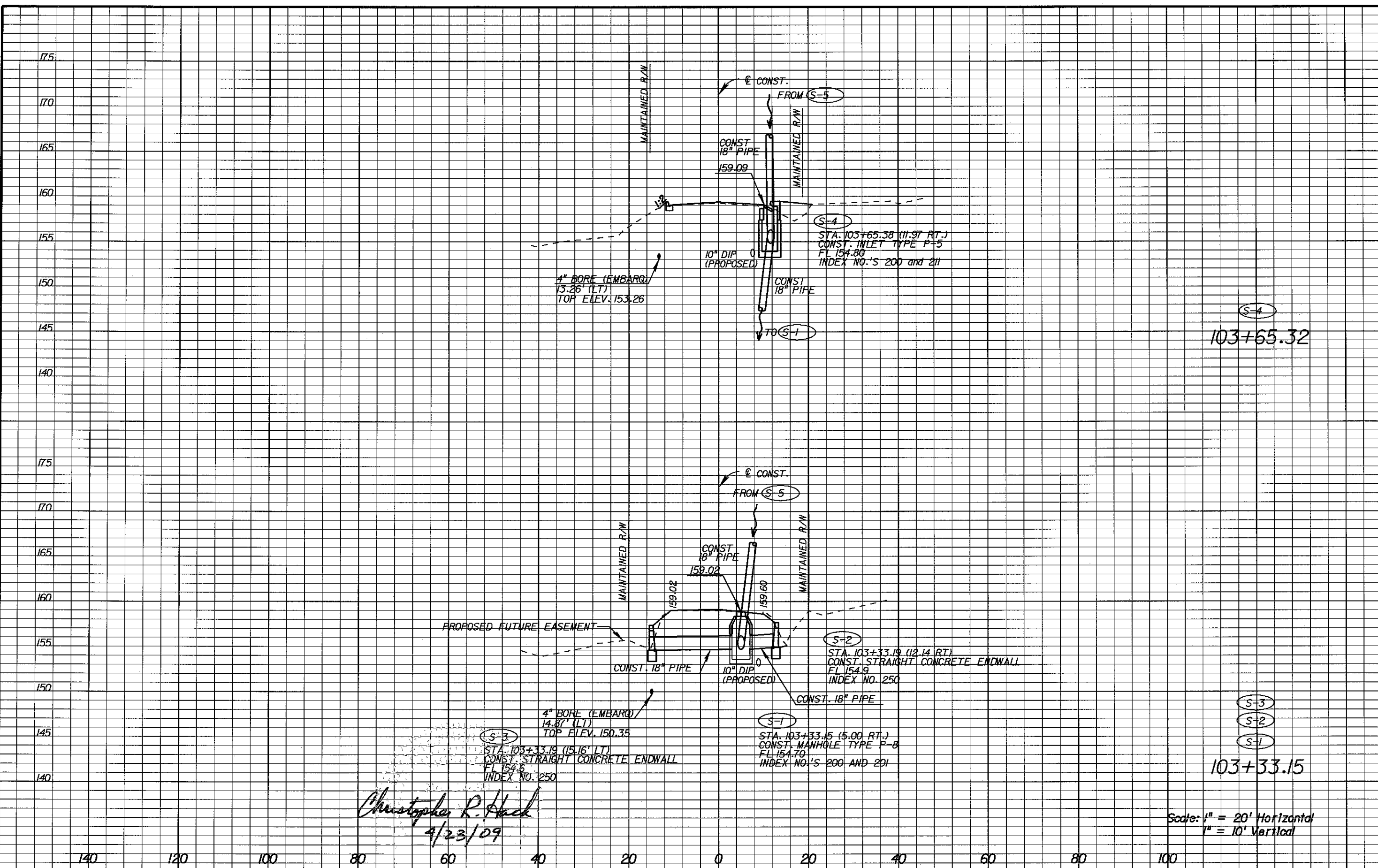
Engineer of Record:
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LEON COUNTY
 CONSTRUCTION PLANS FOR:
 BANNERMAN TURN LANE

MERIDIAN/BANNERMAN
 INTERSECTION
 PLAN AND PROFILE SHEET

SHEET NO.
 9



Christopher R. Hack
4/23/09

Scale: 1" = 20' Horizontal
1" = 10' Vertical

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Engineer of Record: **CHRISTOPHER R. HACK**
P.E. # 37830
PBS&J
2639 N. MONROE ST. BLDG C
TALLAHASSEE, FL 32303
(850) 575-1800
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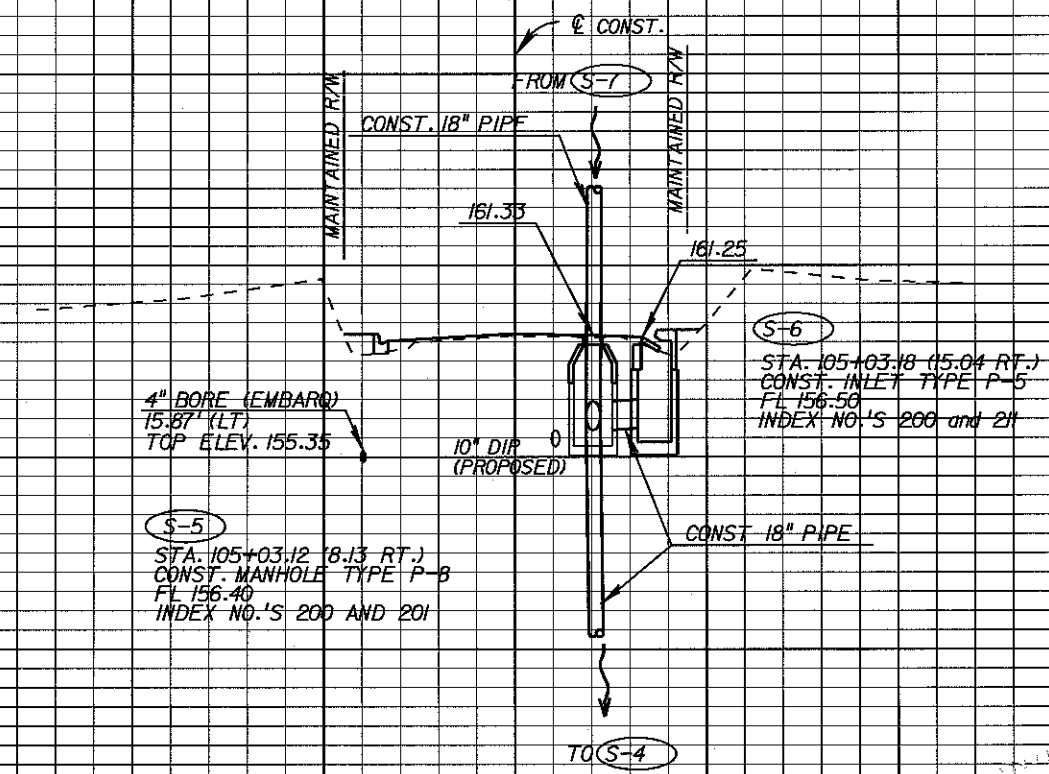


LEON COUNTY
CONSTRUCTION PLANS FOR:
BANNERMAN TURN LANE

MERIDIAN/BANNERMAN INTERSECTION DRAINAGE STRUCTURES

SHEET NO.
10

180
175
170
165
160
155
150
145
140
135



S-6
S-5
105+03.12

Christopher R. Hack
4/23/09

Scale: 1" = 20' Horizontal
1" = 10' Vertical

140 120 100 80 60 40 20 0 20 40 60 80 100

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

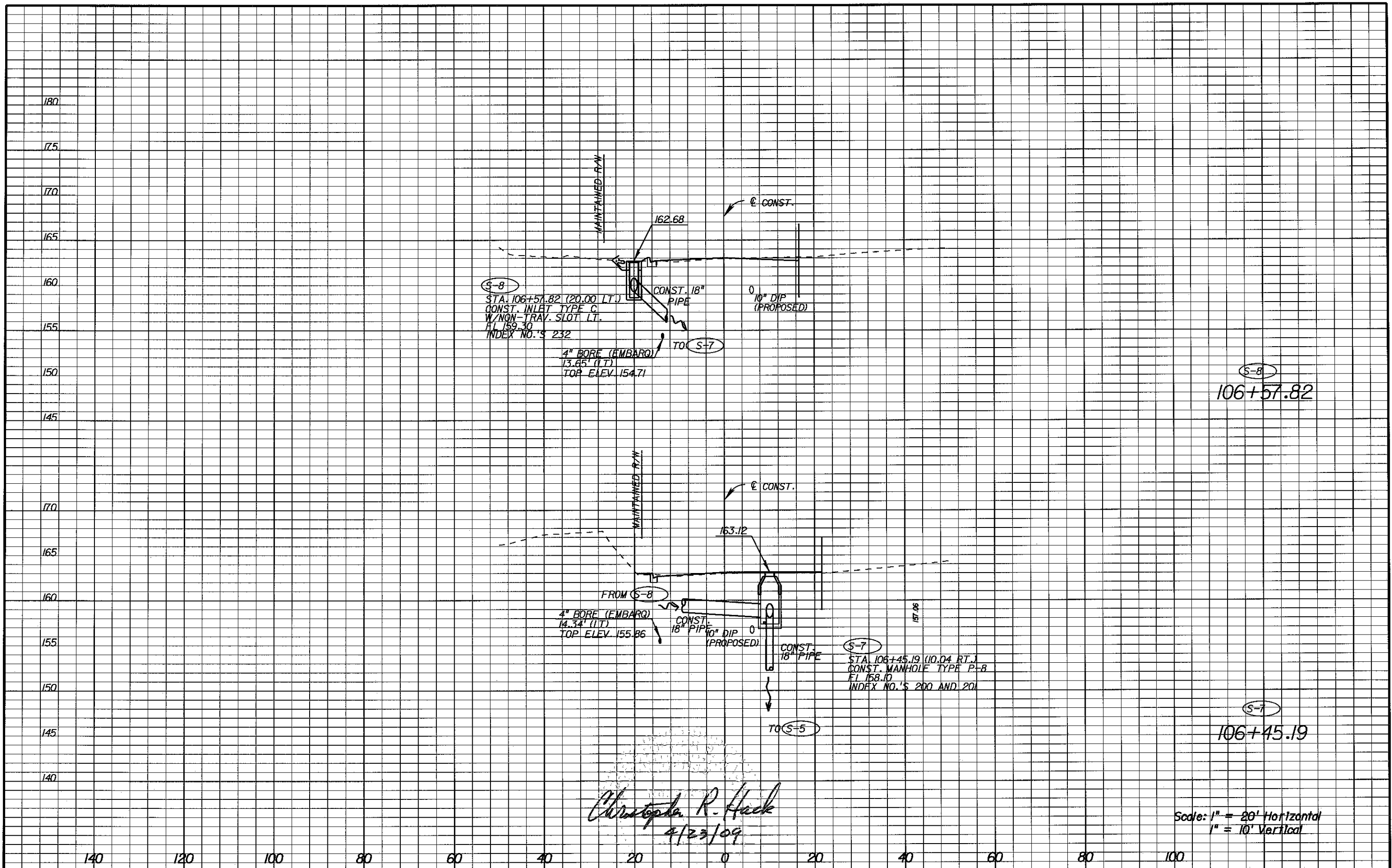
Engineer of Record: **CHRISTOPHER R. HACK**
P.E. # 37830
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LEON COUNTY
CONSTRUCTION PLANS FOR:
BANNERMAN TURN LANE

**MERIDIAN/BANNERMAN
INTERSECTION
DRAINAGE STRUCTURES**

SHEET NO.
11



Christopher R. Hack
4/23/09

Scale: 1" = 20' Horizontal
1" = 10' Vertical

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

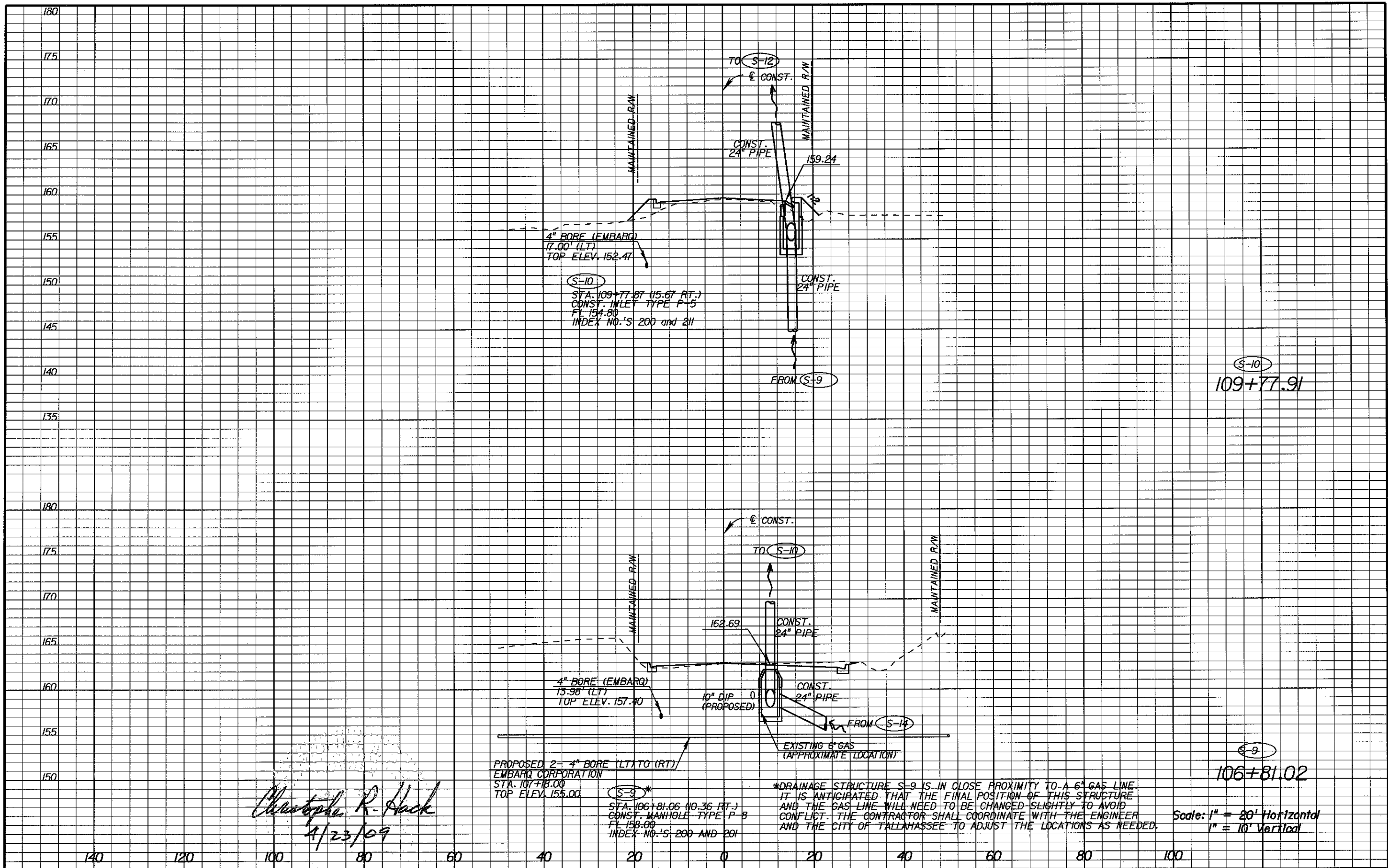
Engineer of Record: **CHRISTOPHER R. HACK**
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LEON COUNTY
CONSTRUCTION PLANS FOR:
BANNERMAN TURN LANE

**MERIDIAN/BANNERMAN
INTERSECTION
DRAINAGE STRUCTURES**

SHEET NO.
12



Christopher R. Hack
4/23/09

PROPOSED 2- 4" BORE (LT TO RT)
EMBARQ CORPORATION
STA. 107+18.00
TOP ELEV. 155.00

(S-9)*
STA. 106+81.06 (10.36 FT.)
CONST. MANHOLE TYPE P-3
FL 158.00
INDEX NO.'S 200 AND 201

*DRAINAGE STRUCTURE S-9 IS IN CLOSE PROXIMITY TO A 6" GAS LINE. IT IS ANTICIPATED THAT THE FINAL POSITION OF THIS STRUCTURE AND THE GAS LINE WILL NEED TO BE CHANGED SLIGHTLY TO AVOID CONFLICT. THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER AND THE CITY OF TALLAHASSEE TO ADJUST THE LOCATIONS AS NEEDED.

Scale: 1" = 20' Horizontal
1" = 10' Vertical

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Engineer of Record: CHRISTOPHER R. HACK
P.E. # 37830

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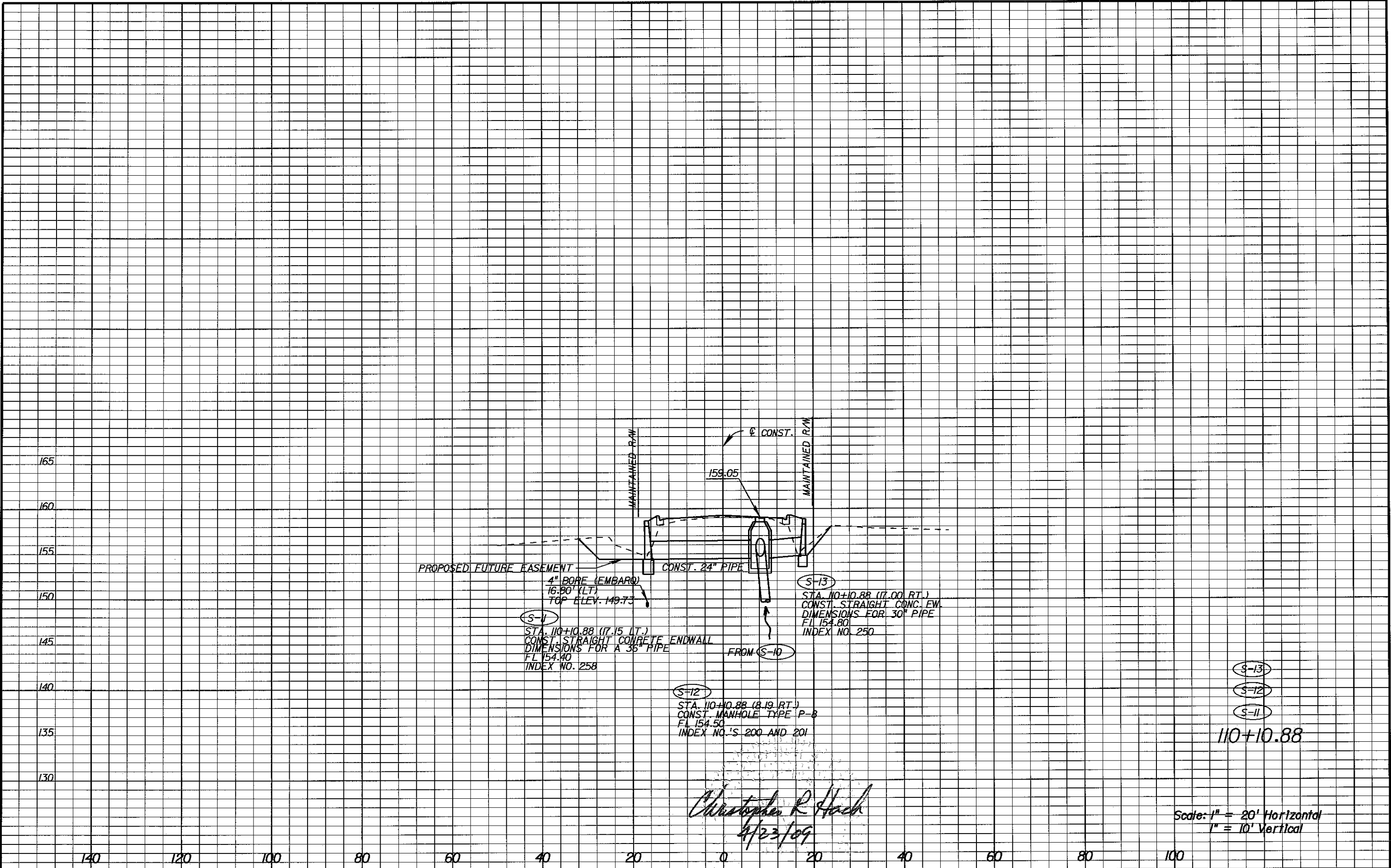
Certificate of Authorization No. 24



LEON COUNTY
CONSTRUCTION PLANS FOR:
BANNERMAN TURN LANE

MERIDIAN/BANNERMAN
INTERSECTION
DRAINAGE STRUCTURES

SHEET NO.
13



S-11

STA. 110+10.88 (17.15 LT.)
 CONST. STRAIGHT CONCRETE ENDWALL
 DIMENSIONS FOR A 36" PIPE
 FL 154.40
 INDEX NO. 258

S-12

STA. 110+10.88 (8.19 RT.)
 CONST. MANHOLE TYPE P-8
 FL 154.50
 INDEX NO.'S 200 AND 201

S-13

STA. 110+10.88 (17.00 RT.)
 CONST. STRAIGHT CONCRETE ENDWALL
 DIMENSIONS FOR 30" PIPE
 FL 154.80
 INDEX NO. 250

S-13

S-12

S-11

110+10.88

Christopher R. Hack
 4/23/09

Scale: 1" = 20' Horizontal
 1" = 10' Vertical

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Engineer of Record: CHRISTOPHER R. HACK
 P.E. # 37830
PBS
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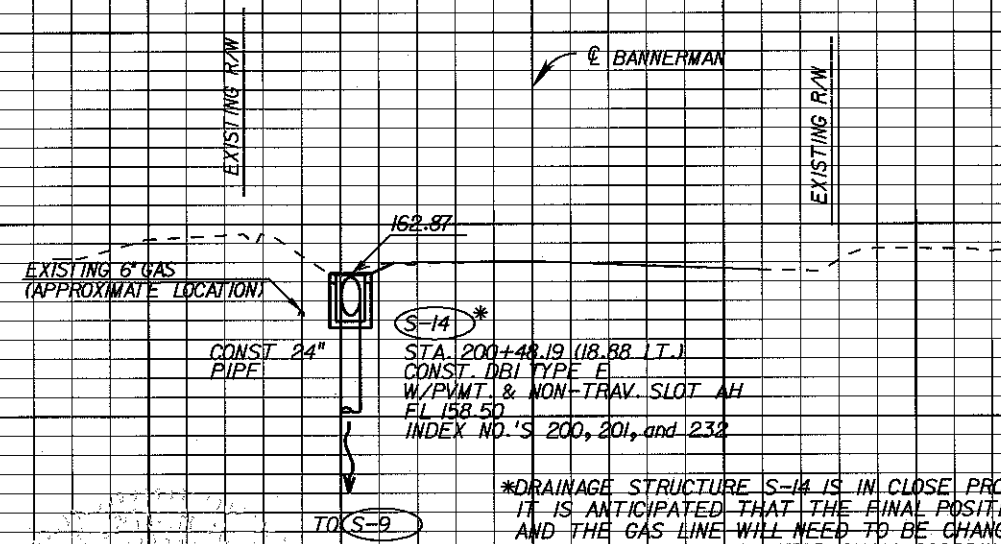


LEON COUNTY
 CONSTRUCTION PLANS FOR:
 BANNERMAN TURN LANE

MERIDIAN/BANNERMAN
 INTERSECTION
 DRAINAGE STRUCTURES

SHEET NO.
 14

175
170
165
160
155
150
145



*DRAINAGE STRUCTURE S-14 IS IN CLOSE PROXIMITY TO A 6" GAS LINE. IT IS ANTICIPATED THAT THE FINAL POSITION OF THIS STRUCTURE AND THE GAS LINE WILL NEED TO BE CHANGED SLIGHTLY TO AVOID CONFLICT. THE CONTRACTOR SHALL COORDINATE WITH THE ENGINEER AND THE CITY OF TALLAHASSEE TO ADJUST THE LOCATIONS AS NEEDED.

S-14
200+48.19

Christopher R. Hack
4/23/09

Scale: 1" = 20' Horizontal
1" = 10' Vertical

140 120 100 80 60 40 20 0 20 40 60 80 100

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Engineer of Record:
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Certificate of Authorization No. 24

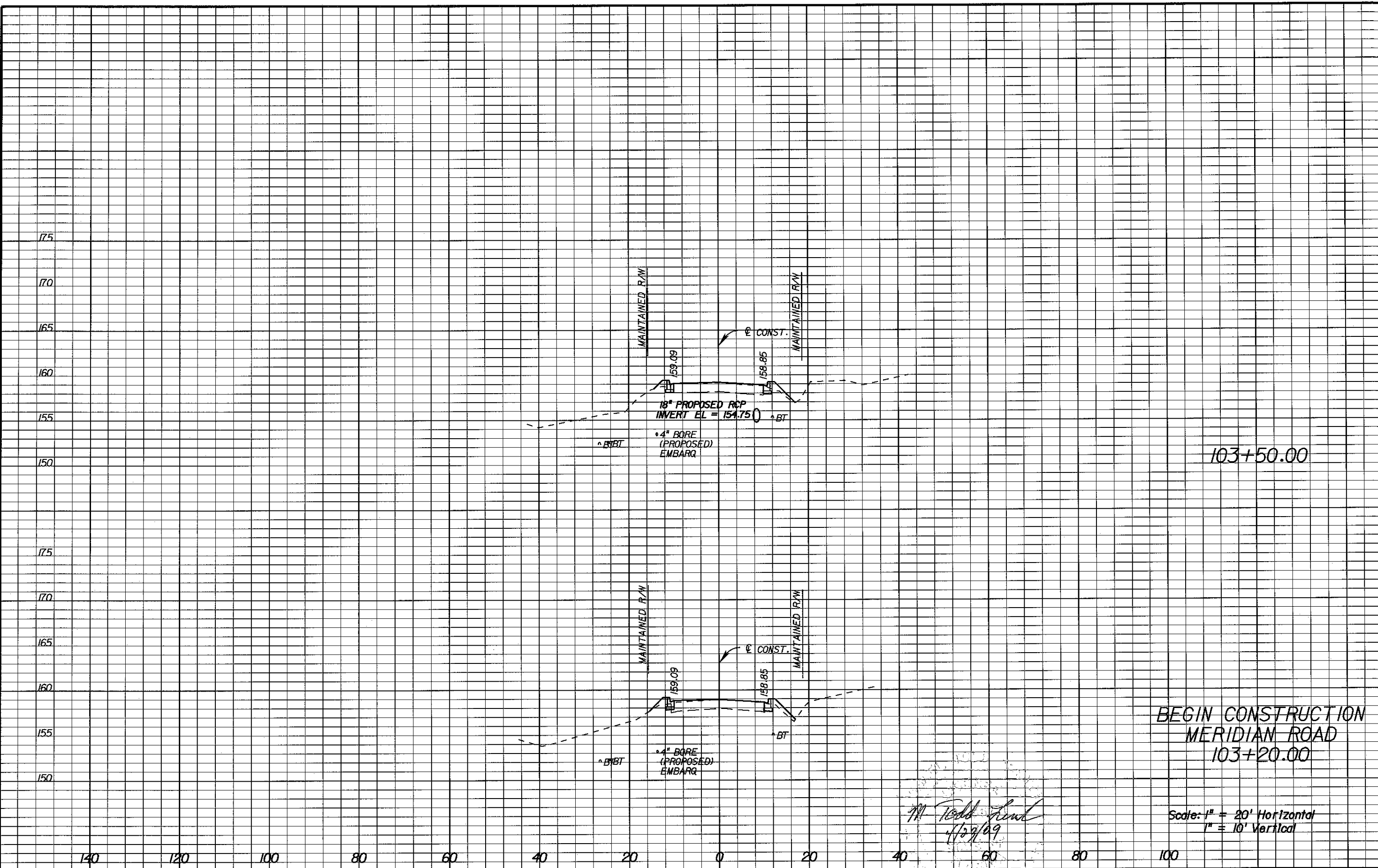
Christopher R. Hack
P.E. # 37830
1901 COMMONWEALTH LANE
TALLAHASSEE, FL 32303
(850) 575-1000
www.pbsj.com



LEON COUNTY
CONSTRUCTION PLANS FOR:
BANNERMAN TURN LANE

MERIDIAN/BANNERMAN
INTERSECTION
DRAINAGE STRUCTURES

SHEET NO.
15



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Engineer of Record:
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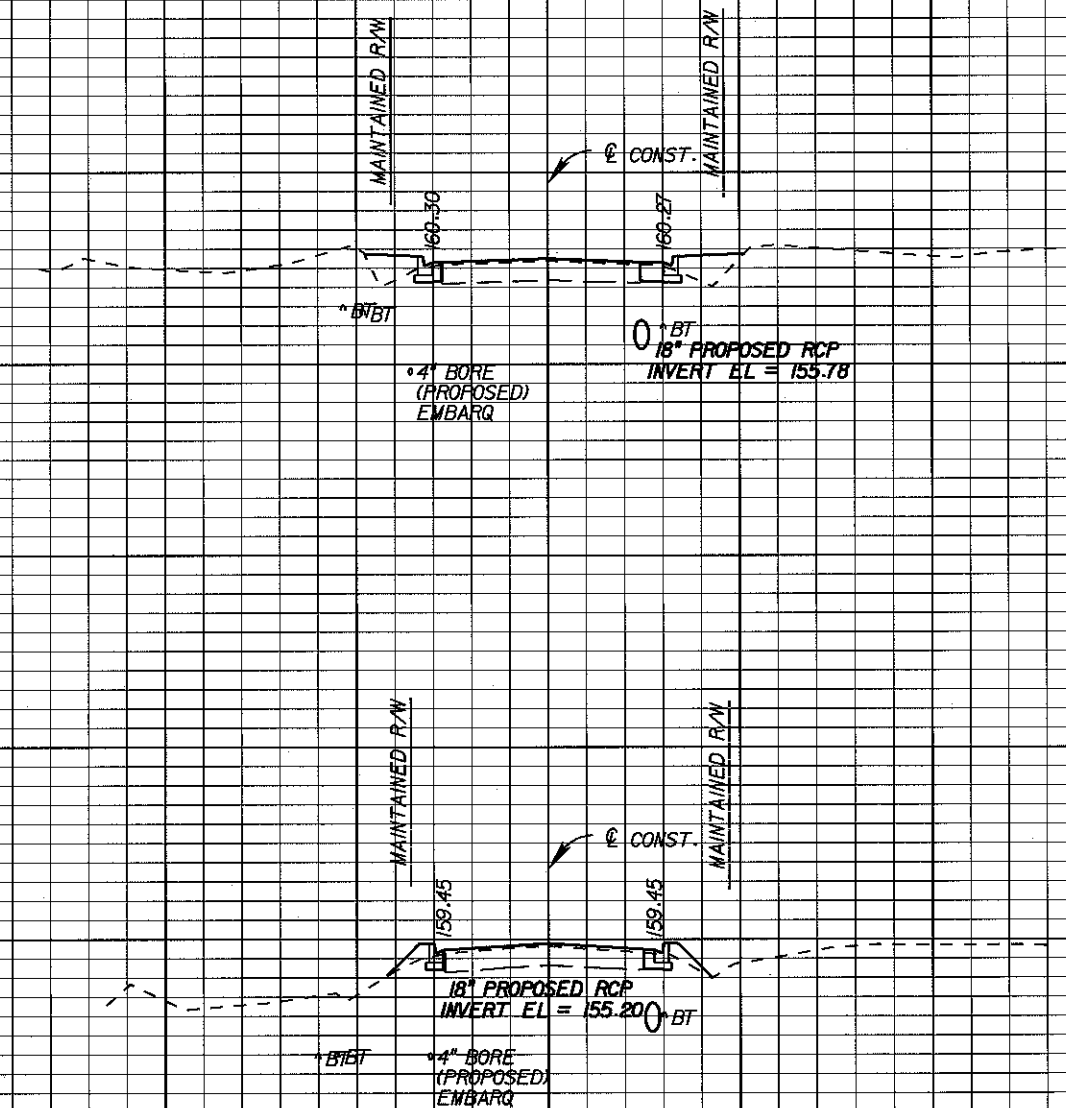
LEON COUNTY
 CONSTRUCTION PLANS FOR:
 BANNERMAN TURN LANE

MERIDIAN/BANNERMAN
 INTERSECTION
 CROSS SECTIONS

SHEET
 NO.
 16

Scale: 1" = 20' Horizontal
 1" = 10' Vertical

175
170
165
160
155
150
175
170
165
160
155
150



104+50.00

104+00.00

M. Todd French
4/23/09

Scale: 1" = 20' Horizontal
1" = 10' Vertical

140 120 100 80 60 40 20 0 20 40 60 80 100

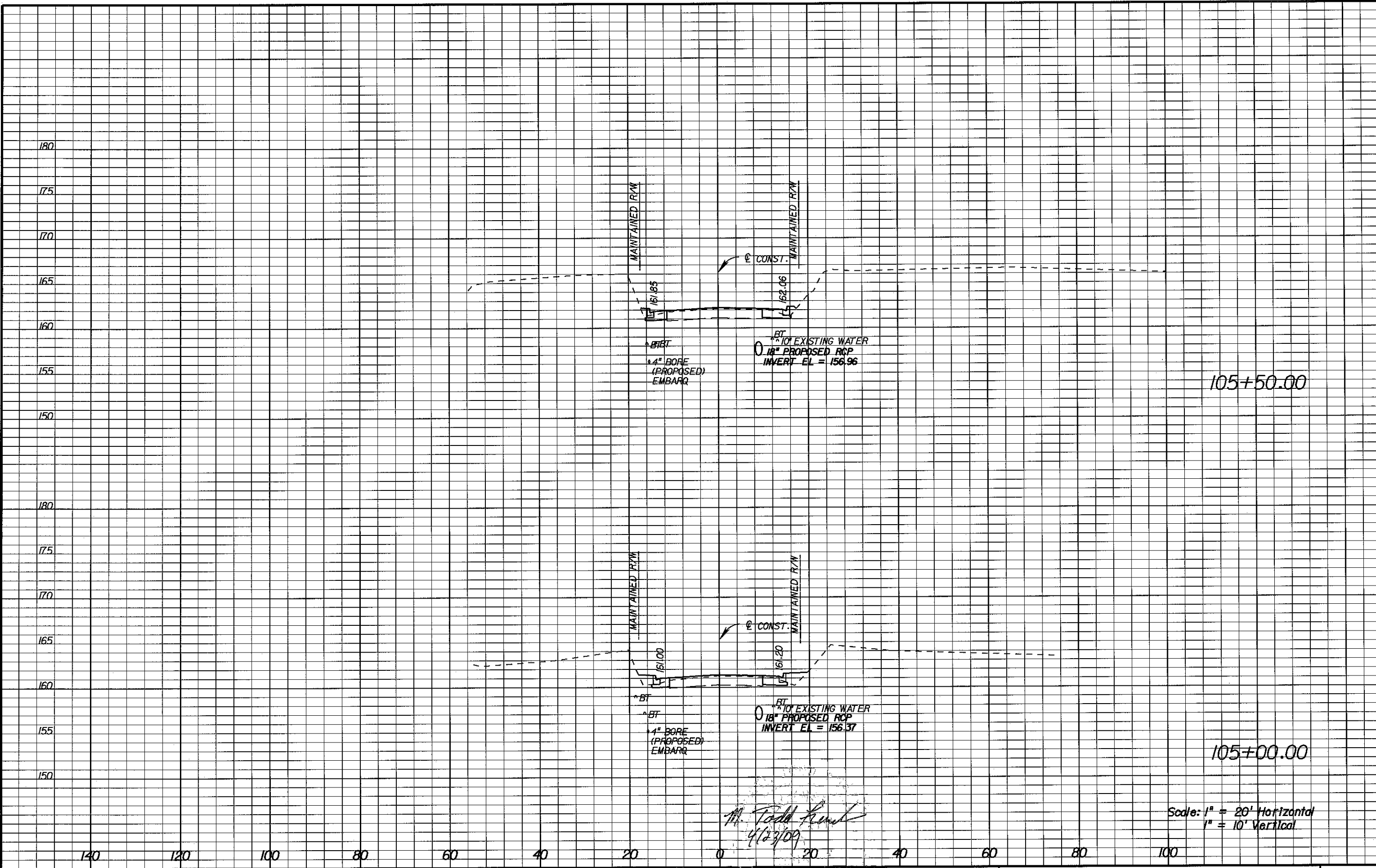
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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PBSJ
M. Todd French
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CONSTRUCTION PLANS FOR:
BANNERMAN TURN LANE

MERIDIAN/BANNERMAN
INTERSECTION
CROSS SECTIONS

SHEET NO.
17



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4/23/09

Scale: 1" = 20' Horizontal
1" = 10' Vertical

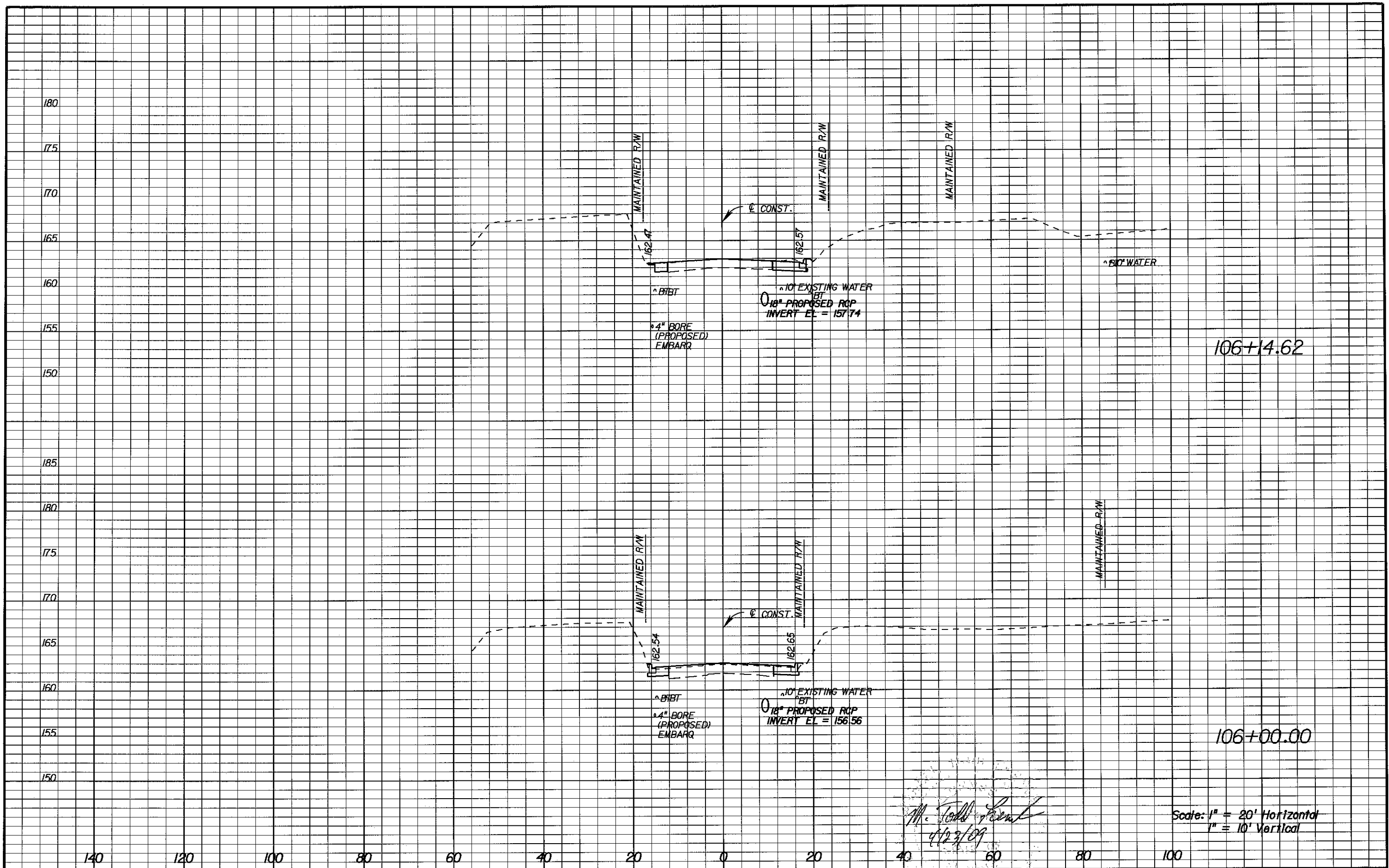
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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 CONSTRUCTION PLANS FOR:
 BANNERMAN TURN LANE

MERIDIAN/BANNERMAN
 INTERSECTION
 CROSS SECTIONS

SHEET NO.
 18



106+14.62

106+00.00

M. Todd French
4/23/09

Scale: 1" = 20' Horizontal
1" = 10' Vertical

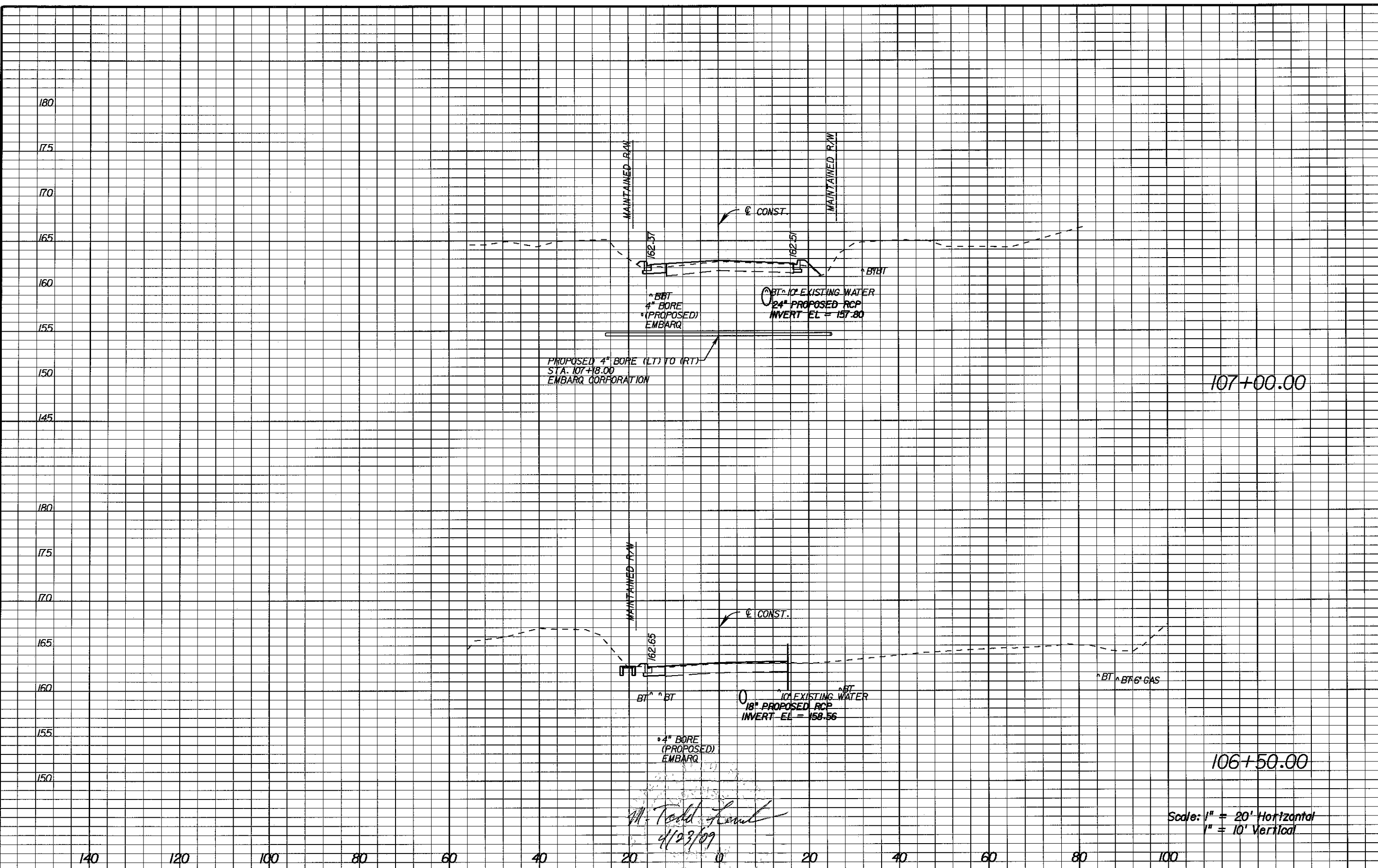
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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LEON COUNTY
 CONSTRUCTION PLANS FOR:
 BANNERMAN TURN LANE

MERIDIAN/BANNERMAN
 INTERSECTION
 CROSS SECTIONS

SHEET NO.
 19



PROPOSED 4" BORE (LT) TO (RT)
STA. 107+18.00
EMBARQ CORPORATION

BT - 10' EXISTING WATER
24" PROPOSED RCP
INVERT EL = 157.80

107+00.00

BT - 10' EXISTING WATER
18" PROPOSED RCP
INVERT EL = 158.56

4" BORE
(PROPOSED)
EMBARQ

BT - 6" GAS

106+50.00

M. Todd French
4/23/09

Scale: 1" = 20' Horizontal
1" = 10' Vertical

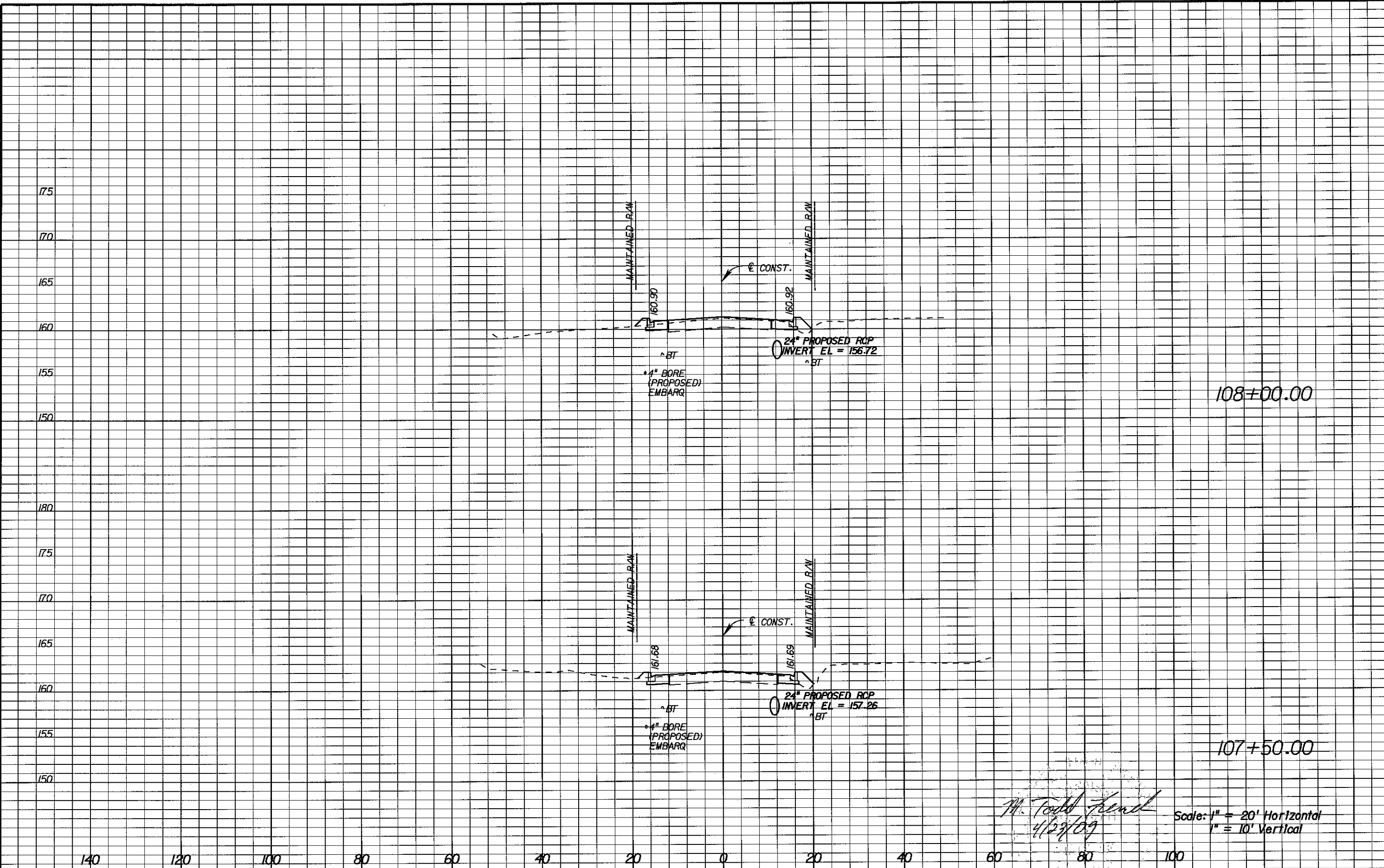
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DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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LEON COUNTY
CONSTRUCTION PLANS FOR:
BANNERMAN TURN LANE

MERIDIAN/BANNERMAN
INTERSECTION
CROSS SECTIONS

SHEET NO.
20



M. Todd French
4/29/09

Scale: 1" = 20' Horizontal
1" = 10' Vertical

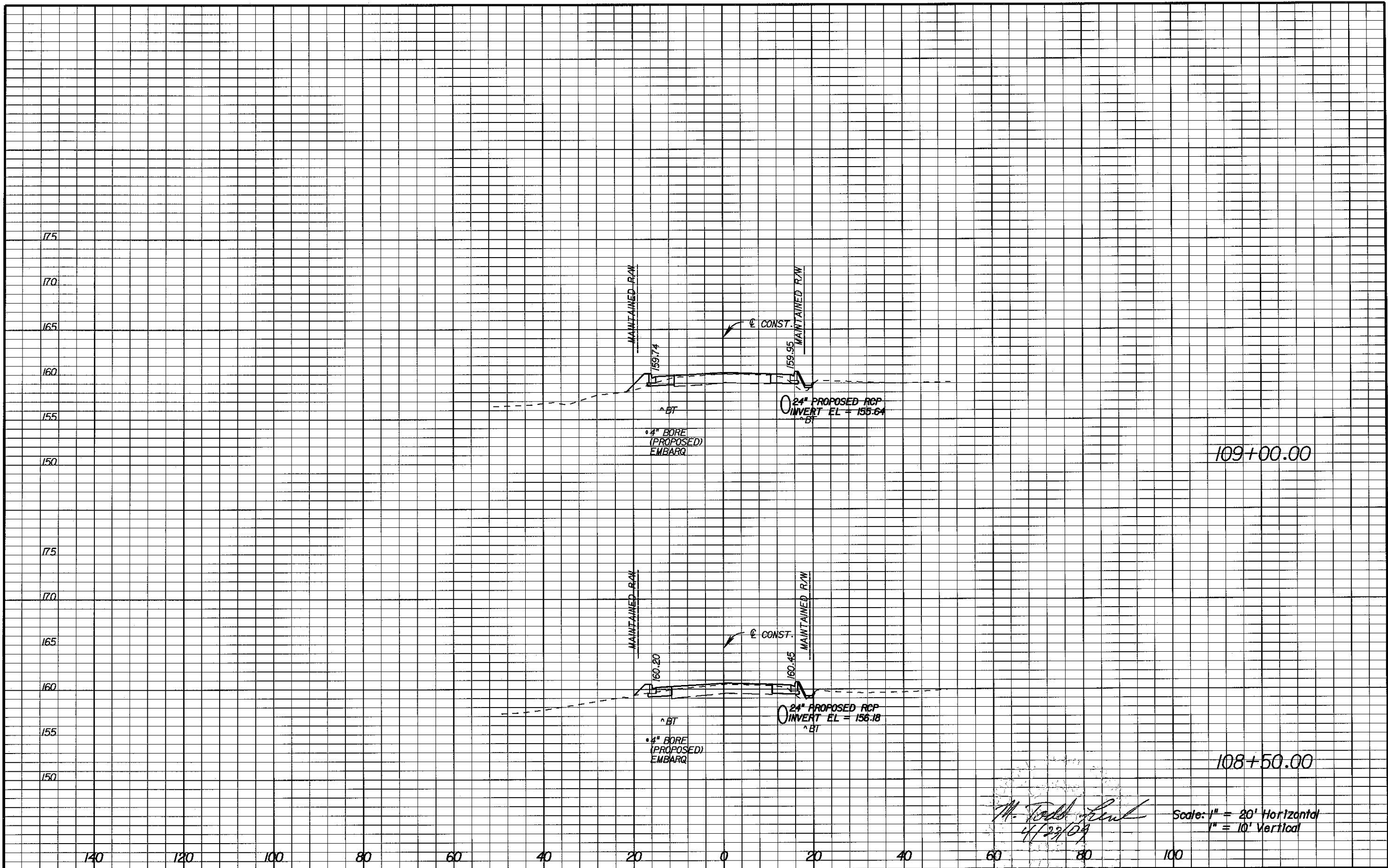
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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LEON COUNTY
 CONSTRUCTION PLANS FOR:
 BANNERMAN TURN LANE

MERIDIAN/BANNERMAN
 INTERSECTION
 CROSS SECTIONS

SHEET NO.
 21



M. Todd French
4/22/09

Scale: 1" = 20' Horizontal
1" = 10' Vertical

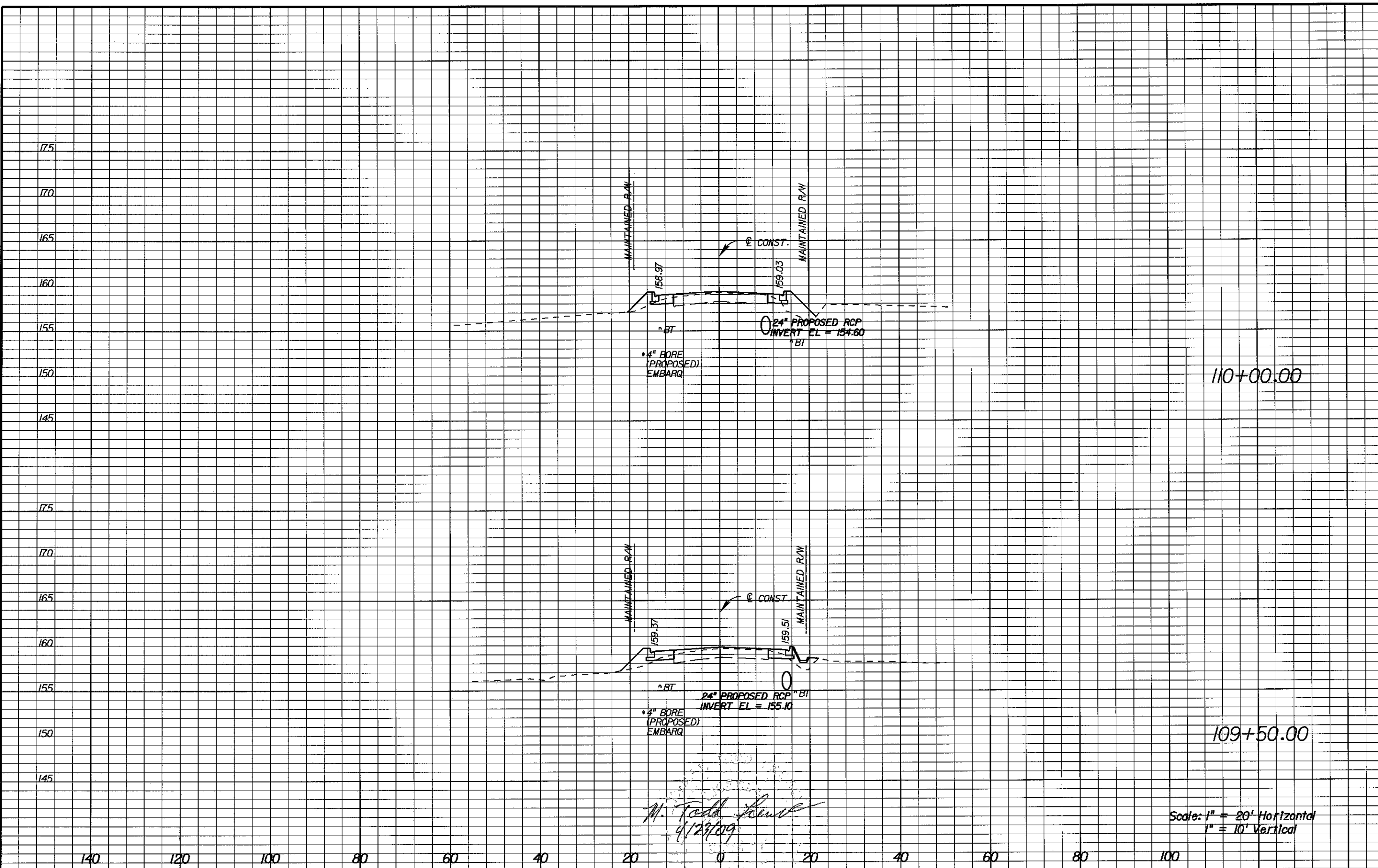
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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LEON COUNTY
 CONSTRUCTION PLANS FOR:
 BANNERMAN TURN LANE

MERIDIAN/BANNERMAN
 INTERSECTION
 CROSS SECTIONS

SHEET NO.
 22



M. Todd French
4/23/09

Scale: 1" = 20' Horizontal
1" = 10' Vertical

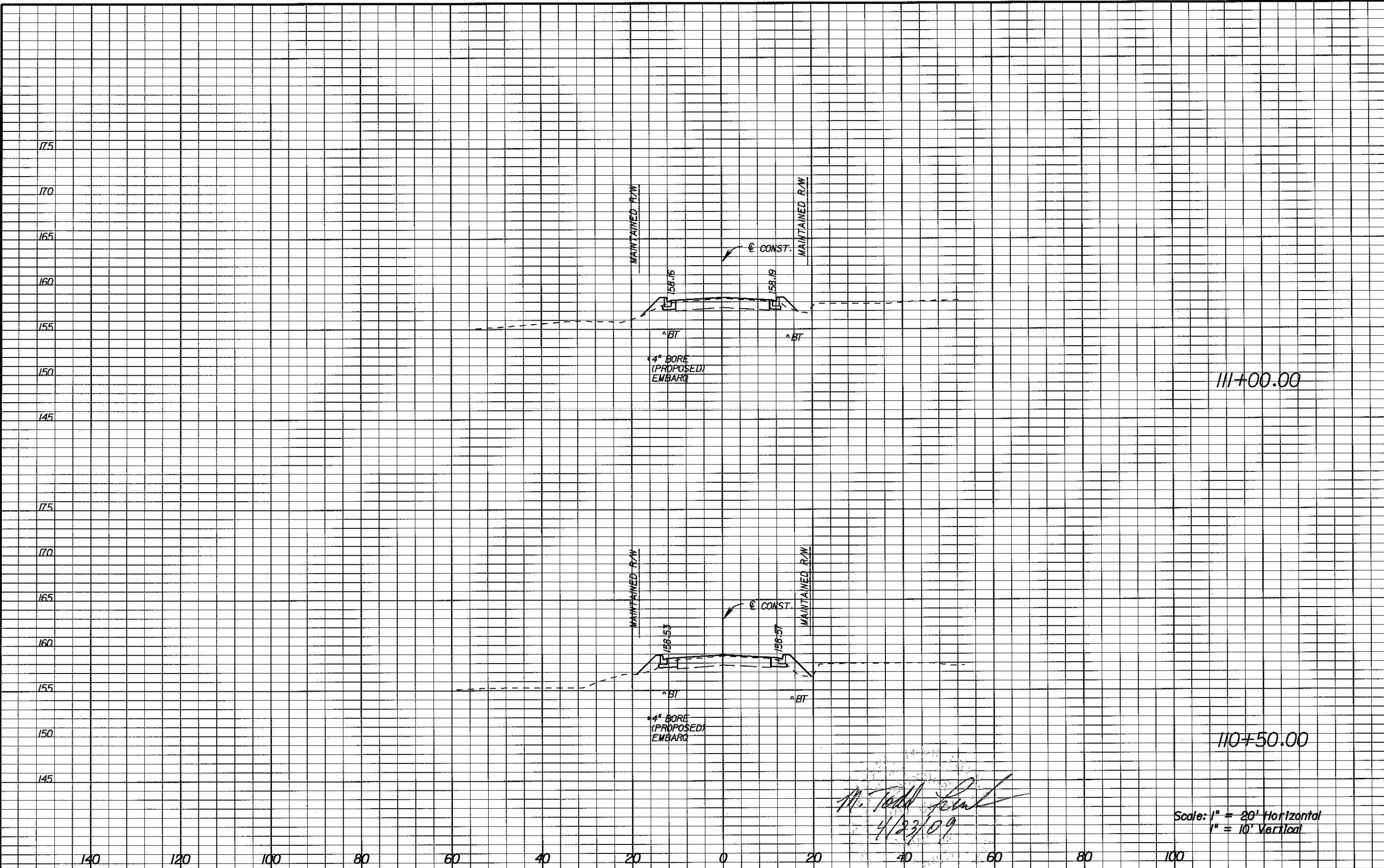
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Engineer of Record:
PBSJ
 M. Todd French
 P.E. # 56711
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LEON COUNTY
 CONSTRUCTION PLANS FOR:
 BANNERMAN TURN LANE

MERIDIAN/BANNERMAN
 INTERSECTION
 CROSS SECTIONS

SHEET NO.
 23



III+00.00

III+50.00

M. Todd French
4/23/09

Scale: 1" = 20' Horizontal
1" = 10' Vertical

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Engineer of Record:
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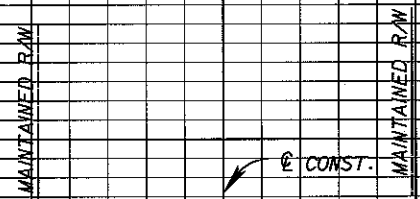
LEON COUNTY
 CONSTRUCTION PLANS FOR:
 BANNERMAN TURN LANE

MERIDIAN/BANNERMAN
 INTERSECTION
 CROSS SECTIONS

SHEET NO.
 24

175
170
165
160
155
150
145

140 120 100 80 60 40 20 0 20 40 60 80 100



157.71
158.01
*BT
*BT
4" BORE (PROPOSED) EMBARK

END CONSTRUCTION
MERIDIAN ROAD
111+54.35

M. Todd French
4/23/09

Scale: 1" = 20' Horizontal
1" = 10' Vertical

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

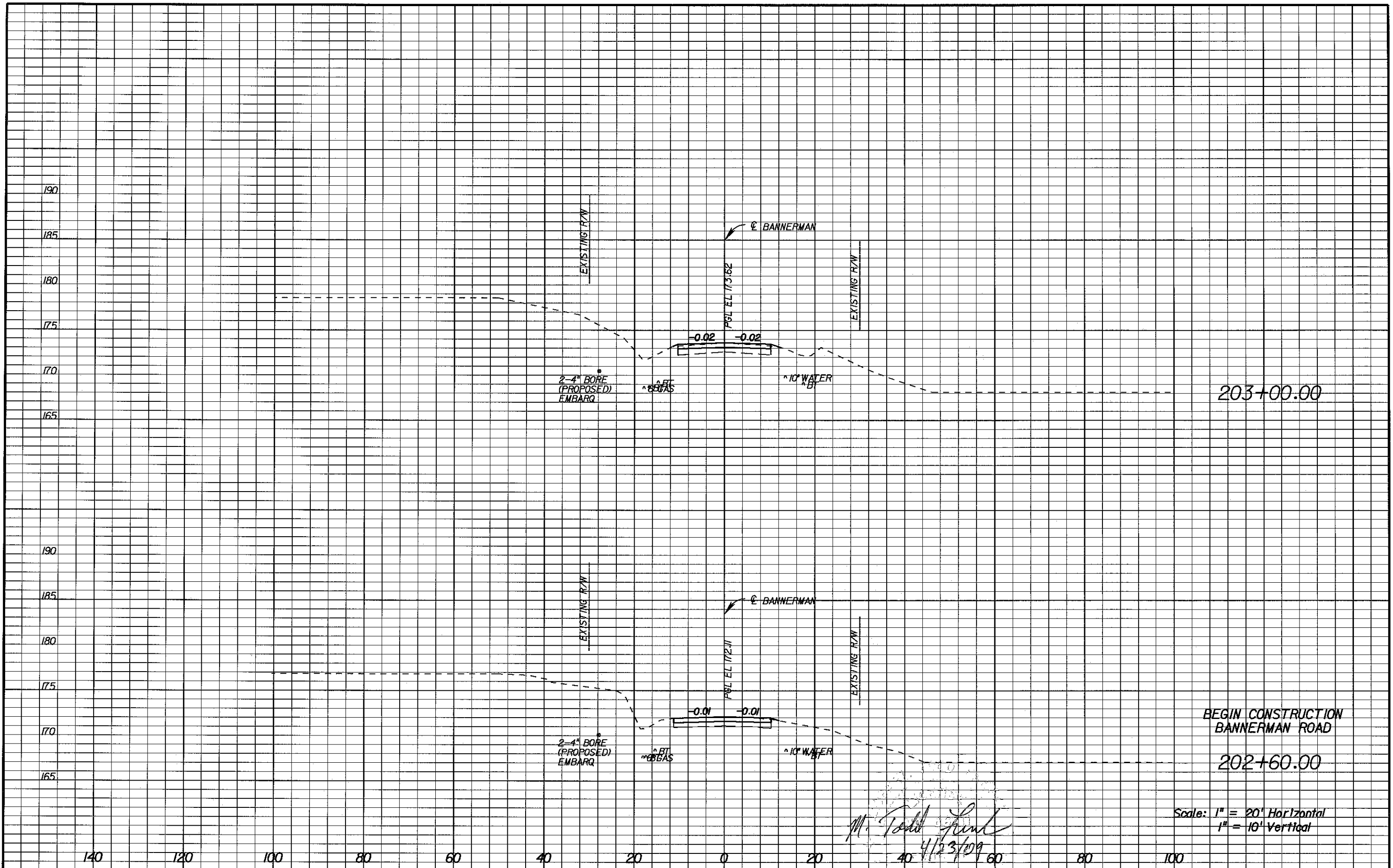
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LEON COUNTY
CONSTRUCTION PLANS FOR:
BANNERMAN TURN LANE

MERIDIAN/BANNERMAN
INTERSECTION
CROSS SECTIONS

SHEET NO.
25



Scale: 1" = 20' Horizontal
1" = 10' Vertical

M. Todd French
4/23/09

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Engineer of Record:
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LEON COUNTY
 CONSTRUCTION PLANS FOR:
 BANNERMAN TURN LANE

MERIDIAN/BANNERMAN
 INTERSECTION
 CROSS SECTIONS

SHEET NO.
 26



M. Todd French
4/23/09

Scale: 1" = 20' Horizontal
1" = 10' Vertical

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

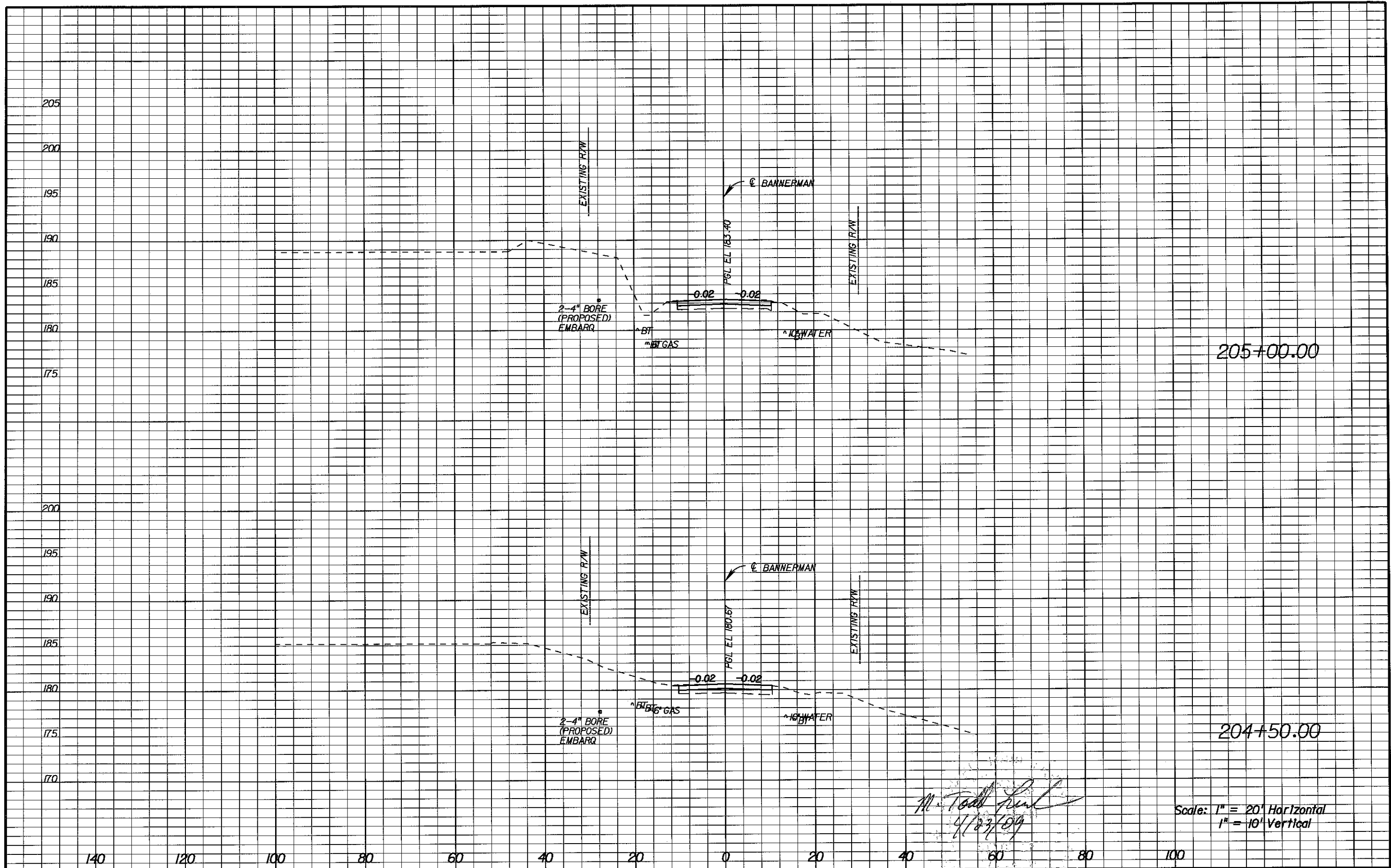
Engineer of Record:
PBSJ
M. Todd French
P.E. # 56711
2639 N. MONROE ST. BLDG C
TALLAHASSEE, FL 32303
(850) 575-1800
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LEON COUNTY
CONSTRUCTION PLANS FOR:
BANNERMAN TURN LANE

**MERIDIAN/BANNERMAN
INTERSECTION
CROSS SECTIONS**

SHEET NO.
27



M. Todd French
4/27/09

Scale: 1" = 20' Horizontal
1" = 10' Vertical

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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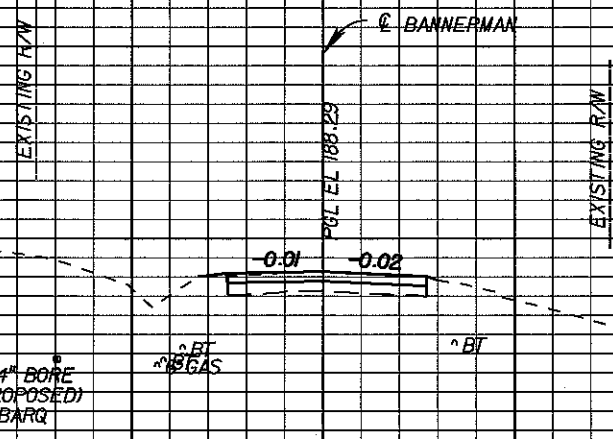


LEON COUNTY
 CONSTRUCTION PLANS FOR:
 BANNERMAN TURN LANE

MERIDIAN/BANNERMAN
 INTERSECTION
 CROSS SECTIONS

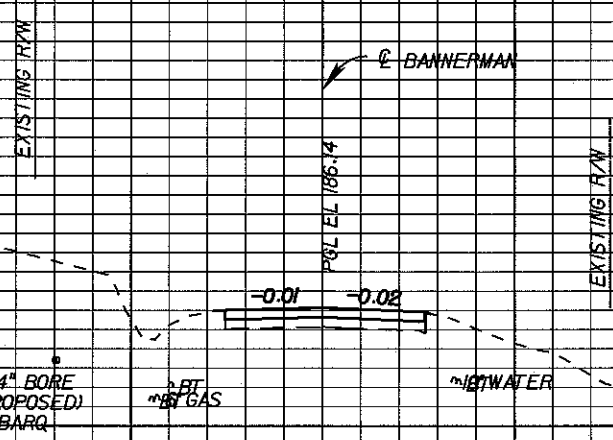
SHEET NO.
 28

205
200
195
190
185
180



END CONSTRUCTION
BANNERMAN ROAD
205+90.00

205
200
195
190
185
180



205+50.00

Scale: 1" = 20' Horizontal
1" = 10' Vertical

M. Todd French
4/27/09

140 120 100 80 60 40 20 0 20 40 60 80 100

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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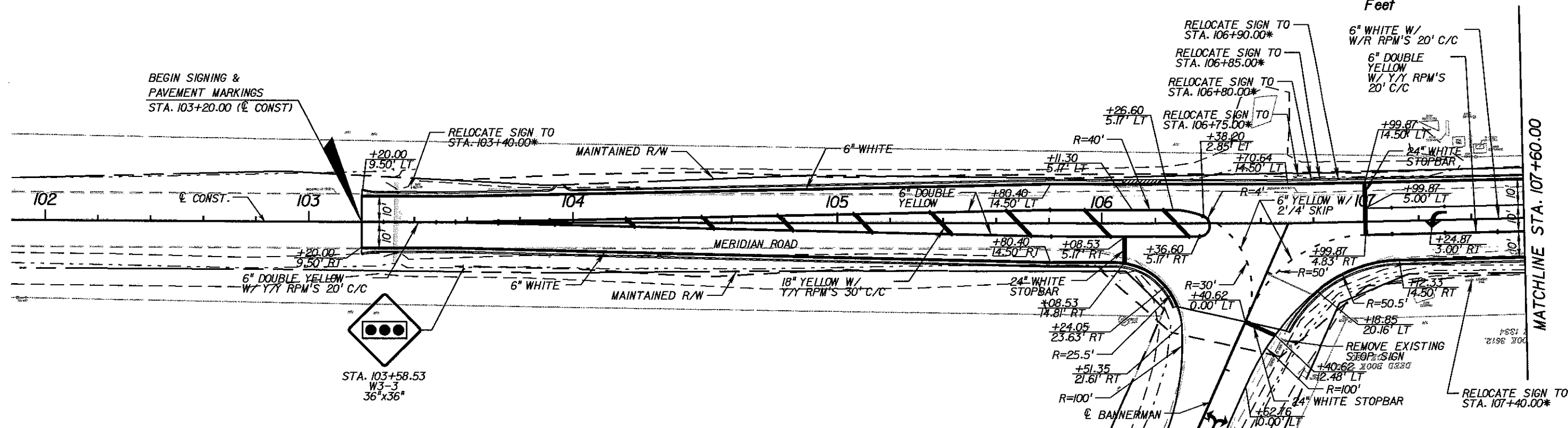
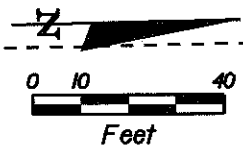


LEON COUNTY
CONSTRUCTION PLANS FOR:
BANNERMAN TURN LANE

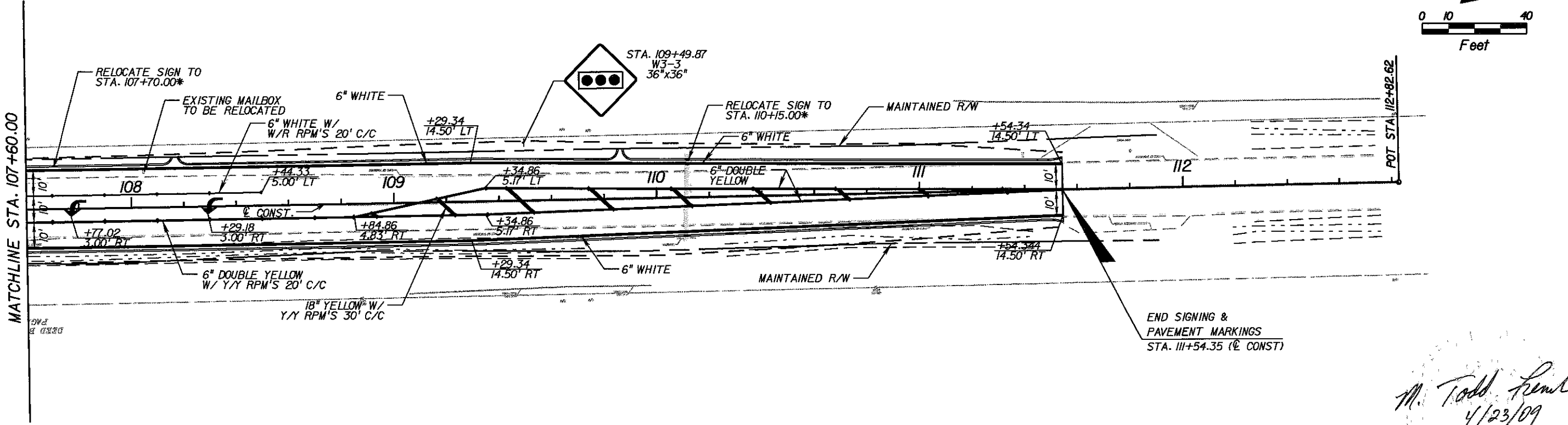
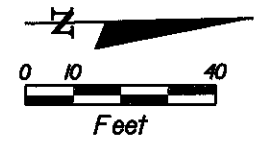
MERIDIAN/BANNERMAN
INTERSECTION
CROSS SECTIONS

SHEET NO.
29

*ALL EXISTING SIGNS TO BE RELOCATED IN ACCORDANCE WITH FDOT STANDARD INDEX 17302



*ALL EXISTING SIGNS TO BE RELOCATED IN ACCORDANCE WITH FDOT STANDARD INDEX 17302



M. Todd French
4/23/09

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

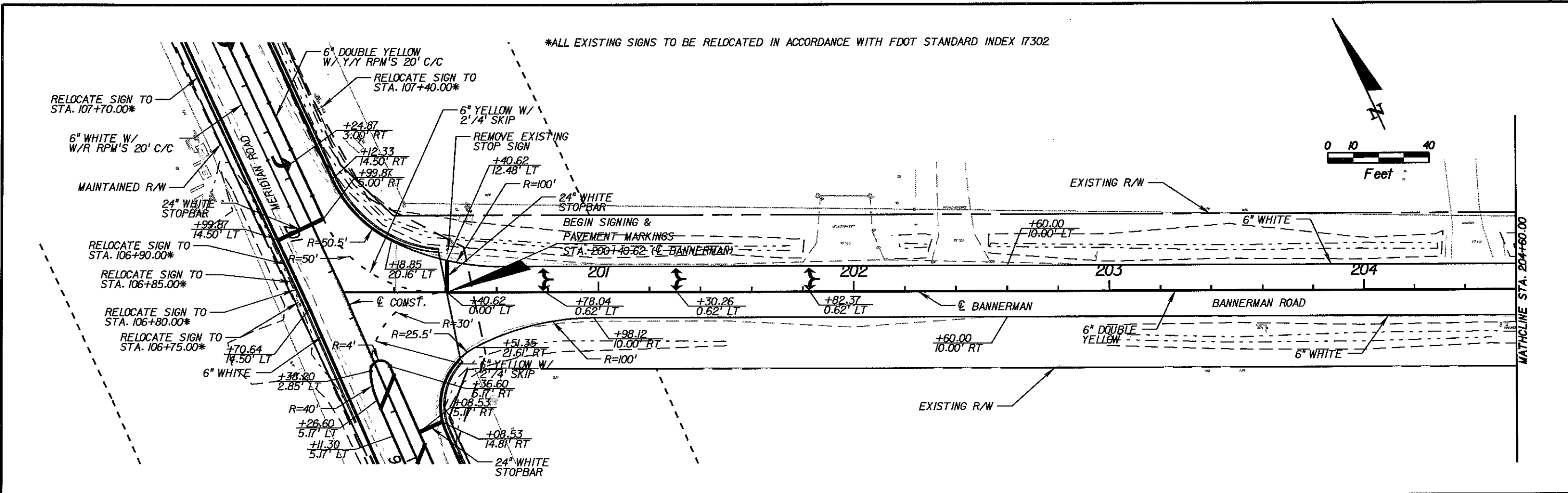
Engineer of Record:
PBSJ
 Certificate of Authorization No. 24



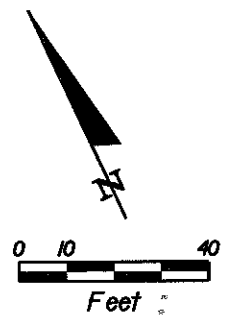
LEON COUNTY
 CONSTRUCTION PLANS FOR:
 BANNERMAN TURN LANE

**MERIDIAN/BANNERMAN
 INTERSECTION
 SIGNING & PAVEMENT MARKINGS**

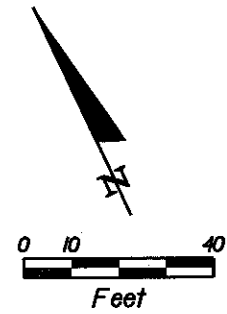
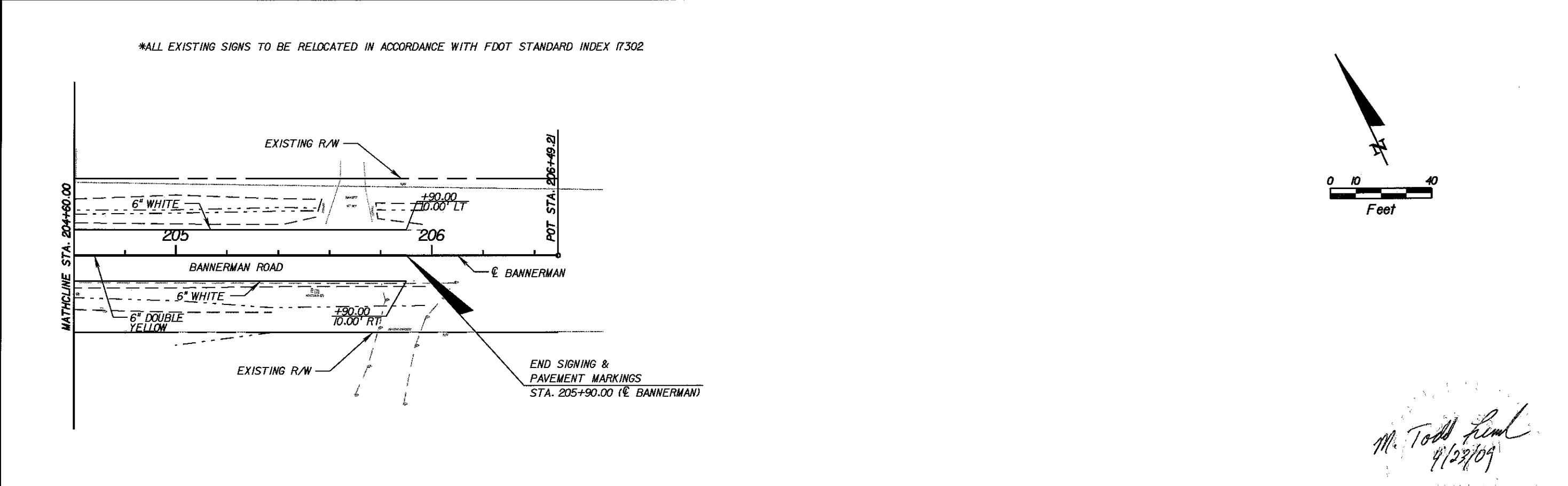
SHEET NO.
 30



*ALL EXISTING SIGNS TO BE RELOCATED IN ACCORDANCE WITH FDOT STANDARD INDEX 17302



*ALL EXISTING SIGNS TO BE RELOCATED IN ACCORDANCE WITH FDOT STANDARD INDEX 17302



M. Todd French
4/23/09

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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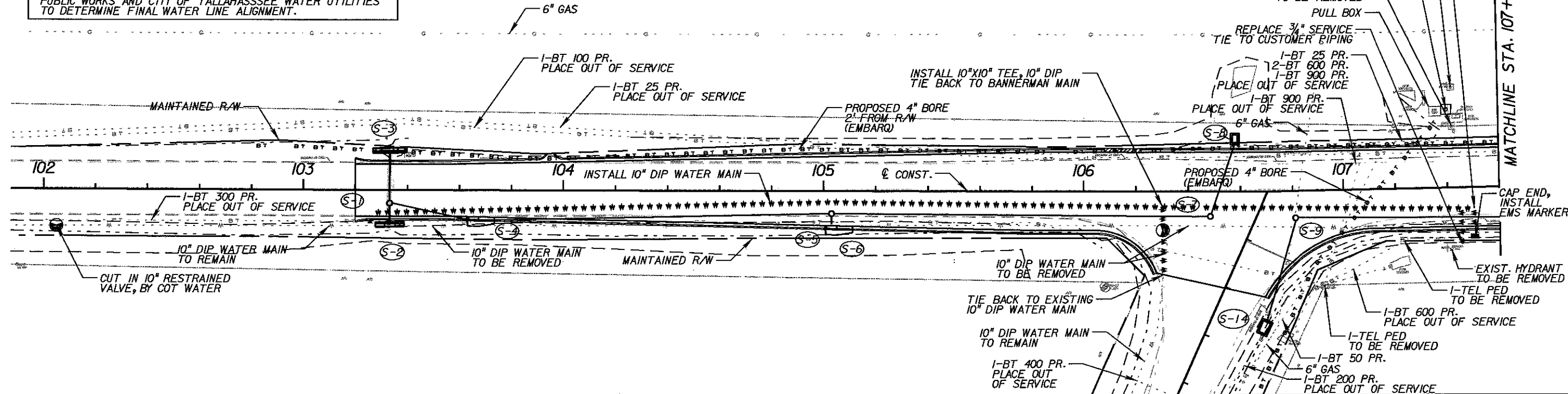
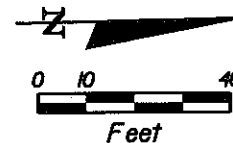


LEON COUNTY
 CONSTRUCTION PLANS FOR:
 BANNERMAN TURN LANE

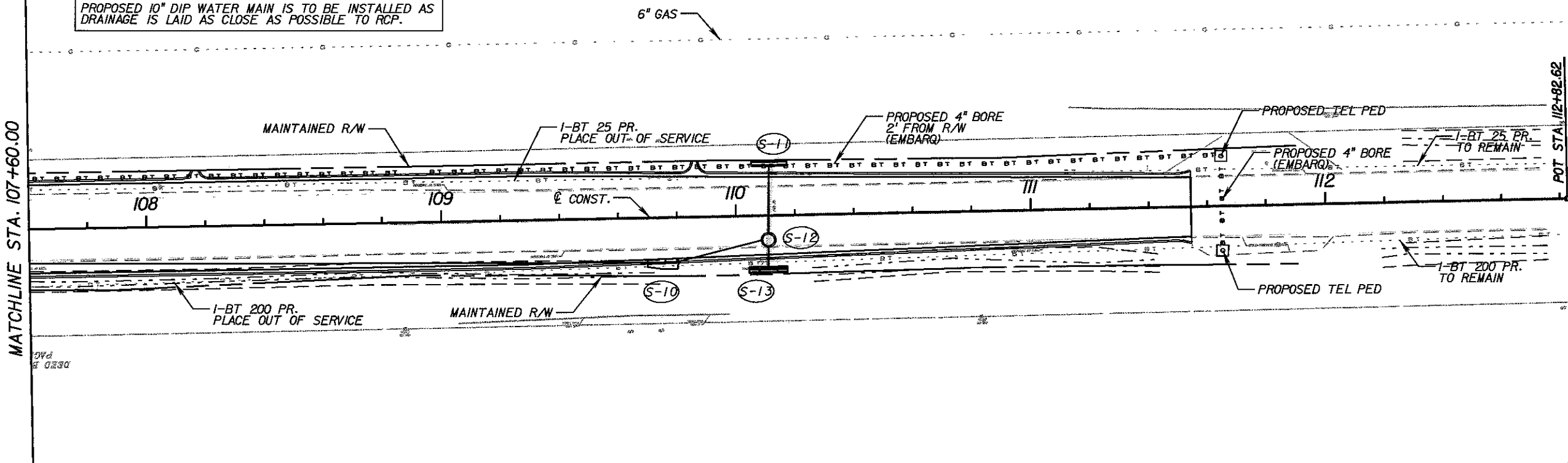
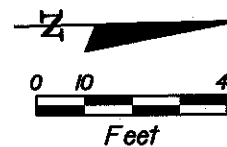
**MERIDIAN/BANNERMAN
 INTERSECTION
 SIGNING & PAVEMENT MARKINGS**

SHEET NO.
 31

NOTES:
 1. PROPOSED 10" DIP WATER MAIN IS TO BE INSTALLED AS DRAINAGE IS LAID AS CLOSE AS POSSIBLE TO RCP.
 2. EMBARQ REQUESTS AN ACCESS TO DRIVEWAY AT EXISTING EASEMENT. APPROXIMATE STA. 107+40.00 (LT).
 3. CONTRACTOR SHALL COORDINATE WITH LEON COUNTY PUBLIC WORKS AND CITY OF TALLAHASSEE WATER UTILITIES TO DETERMINE FINAL WATER LINE ALIGNMENT.



NOTE:
 PROPOSED 10" DIP WATER MAIN IS TO BE INSTALLED AS DRAINAGE IS LAID AS CLOSE AS POSSIBLE TO RCP.



M. Todd French
 4/23/09

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Engineer of Record:
PBSJ
 Certificate of Authorization No. 24

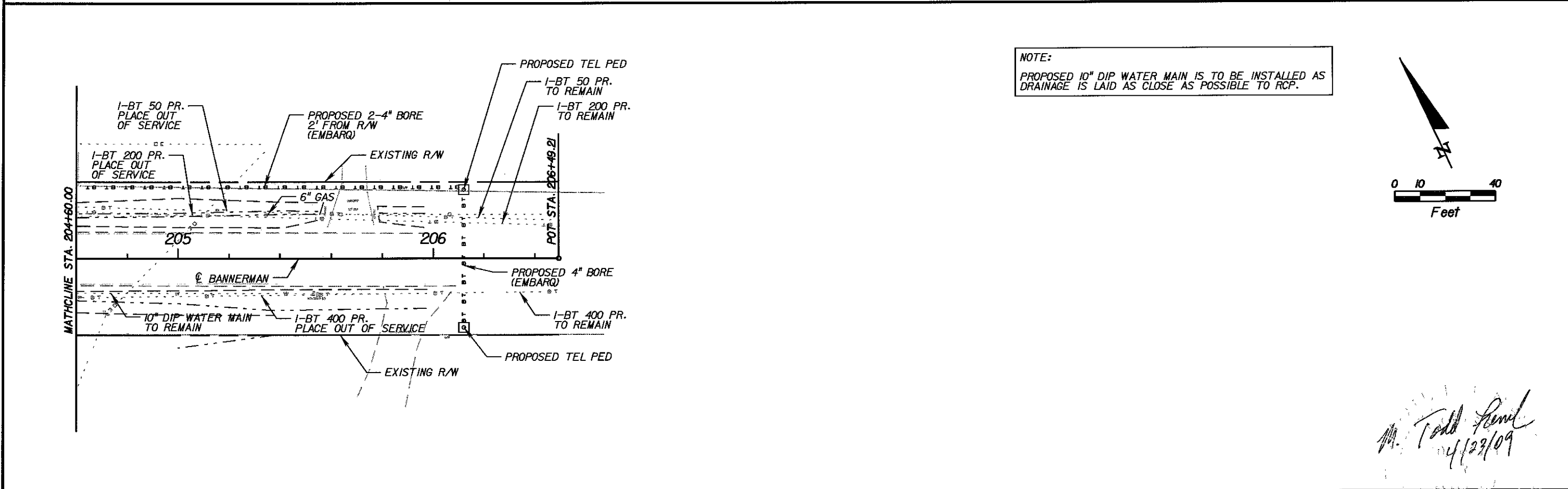
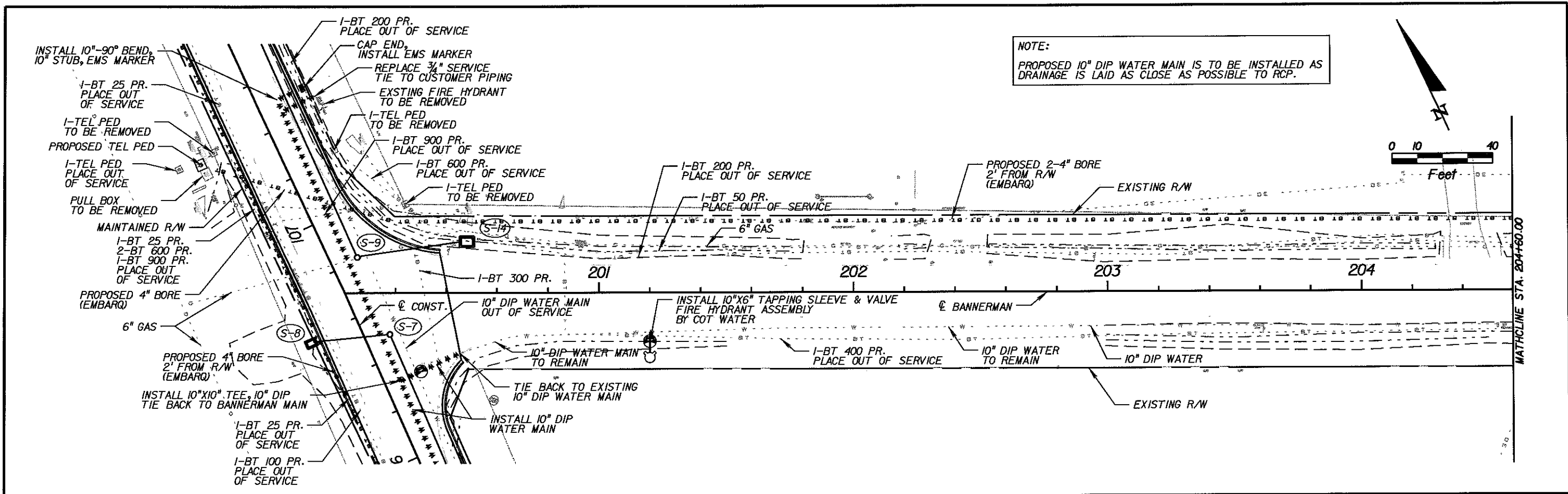
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LEON COUNTY
 CONSTRUCTION PLANS FOR:
 BANNERMAN TURN LANE

**MERIDIAN/BANNERMAN
 INTERSECTION
 UTILITY PLAN**

SHEET NO.
 32



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Engineer of Record:
PBS&J
 M. Todd French
 P.E. # 56711
 2639 N. MONROE ST. BLDG C
 TALLAHASSEE, FL 32303
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LEON COUNTY
 CONSTRUCTION PLANS FOR:
 BANNERMAN TURN LANE

MERIDIAN/BANNERMAN
 INTERSECTION
 UTILITY PLAN

SHEET NO.
 33

M. Todd French
 4/29/09



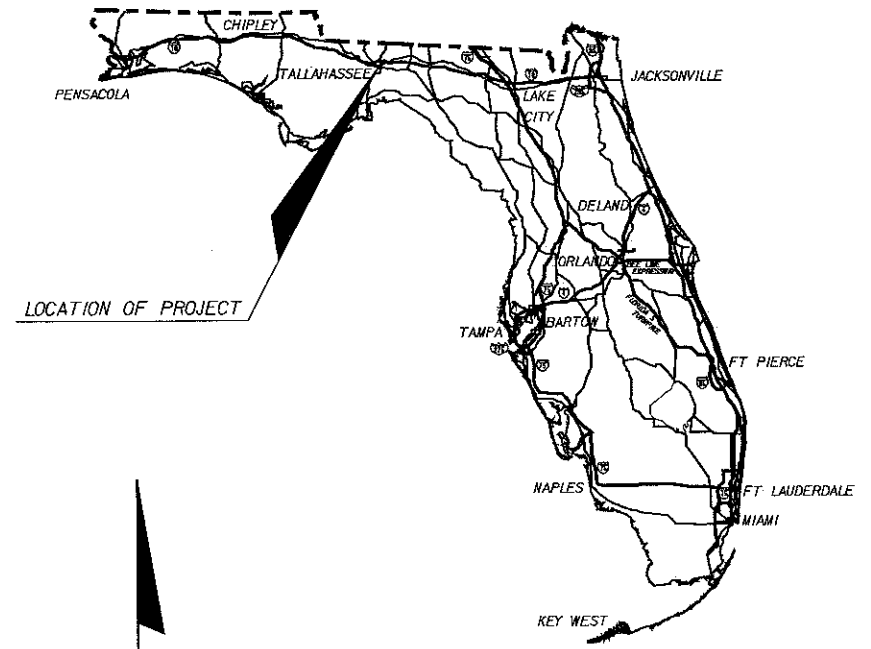
SIGNALIZATION PLANS LEON COUNTY

MERIDIAN ROAD AND BANNERMAN ROAD INTERSECTION

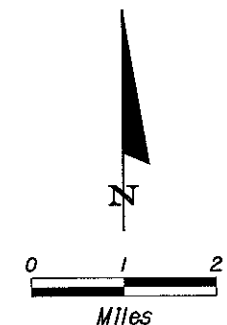
A DETAILED INDEX APPEARS ON THE
KEY SHEET OF EACH COMPONENT

INDEX OF SIGNALIZATION PLANS

SHEET NO.	SHEET DESCRIPTION
T-1	KEY SHEET
T-2	TABULATION OF QUANTITIES
T-3	SIGNALIZATION GENERAL NOTES
T-4	SIGNALIZATION PLAN
T-5	MAST ARM TABULATION
T-6	TABLE OF VARIABLES FOR STANDARD MAST ARM ASSEMBLIES INDEX NO. S-1700
T-7	GUIDE SIGN WORKSHEET



LOCATION OF PROJECT



ROADWAY SHOP DRAWINGS
TO BE SUBMITTED TO:

Sean E. Doherty, P.E.
2639 N. Monroe St. Bldg C
Tallahassee, FL 32303

PLANS PREPARED BY:



2639 N. Monroe St. Bldg C
Tallahassee, FL 32303
(850) 575-1800
www.pbsj.com

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

FINAL PLANS

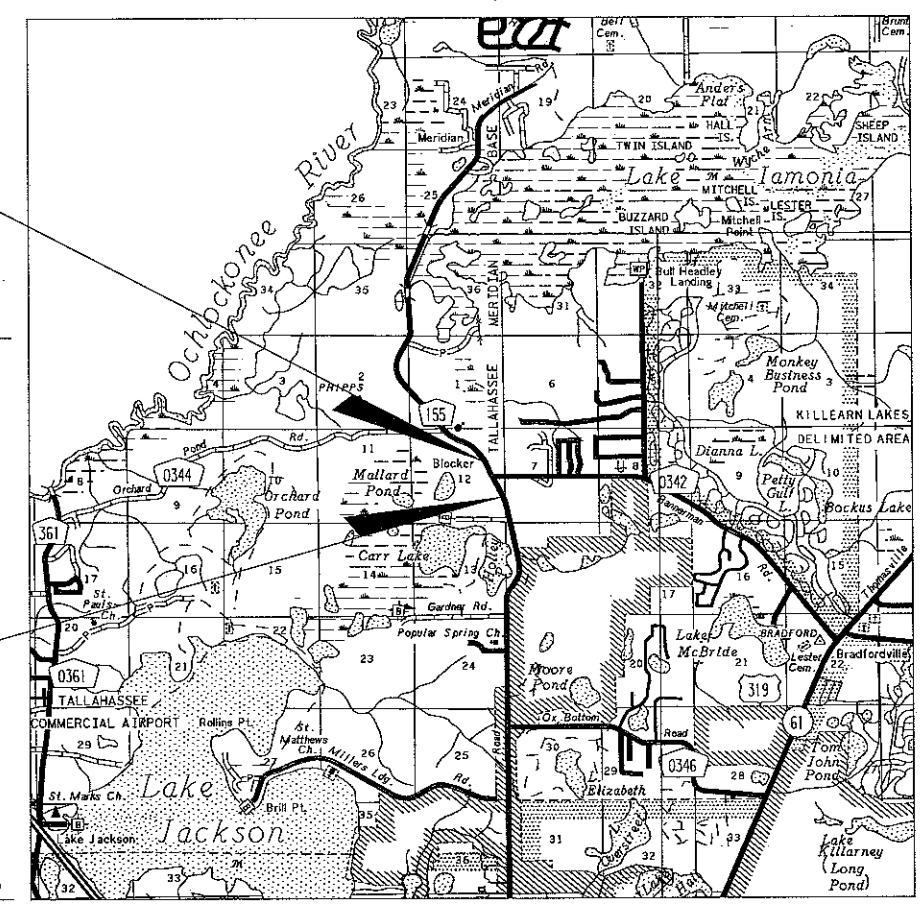
NOTE: THIS IS A UNIT PRICE PROJECT.

Sean E. Doherty
4-22-09

ROADWAY PLANS
ENGINEER OF RECORD: Sean E. Doherty
P.E. NO.: 48100

END PROJECT
STA. 111+54.35 (℄ CONST.)

BEGIN PROJECT
STA. 103+20.00 (℄ CONST.)



PROJECT LENGTH IS BASED ON ℄ CONSTRUCTION

LENGTH OF PROJECT		
	LINEAR FEET	MILES
ROADWAY	834.35	0.158
BRIDGES	N/A	N/A
NET LENGTH OF PROJECT	834.35	0.158
EXCEPTIONS	N/A	N/A
GROSS LENGTH OF PROJECT	834.35	0.158

PROJECT MANAGER:

KEY SHEET REVISIONS		
DATE	BY	DESCRIPTION

REVISIONS:


SHEET
NO.

T-1

TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS																TOTAL THIS SHEET		REF. SHEET	
			T-4																PLAN	FINAL		
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL				
630-1-12	CONDUIT, UNDERGROUND	LF	755																	755		
630-1-14	UNDERGROUND CONDUIT - JACKED	LF	115																	115		
632-7-1	SIGNAL CABLE	PI	1																	1		
635-1-11	PULL & JUNCTION BOXES	EA	12																	12		
639-1-22	ELECTRICAL POWER SERVICE, UNDERGROUND	AS	1																	1		
639-2-1	ELECTRICAL SERVICE WIRE	LF	150																	150		
649-31-311	MAST ARM ASSEMBLY, ARM 1 TYPE F4, ARM 2 TYPE F2 POLE TYPE W3	EA	1																	1		
650-51-311	TRAFFIC SIGNAL, 12" LED, 1 WAY, 3 SECTION	AS	5																	5		
650-51-511	TRAFFIC SIGNAL, 12" LED, 1 WAY, 5 SECTION	AS	1																	1		
659-101	BACK PLATE (3-SECTION SIGNAL HEAD)	EA	2																	2		
659-109	CONCRETE PEDESTAL	EA	1																	1		
660-1-109	INDUCTIVE LOOP DETECTOR (F&I) (TYPE 9)	EA	2																	2		
660-1-110	INDUCTIVE LOOP DETECTOR (F&I) (TYPE 10)	EA	1																	1		
660-2-102	LOOP ASSEMBLY (TYPE B)	AS	4																	4		
660-2-106	LOOP ASSEMBLY (TYPE F)	AS	2																	2		
663-74-11	OPTICOM PRE-EMPTION SYSTEM	EA	1																	1		
670-5-120	TRAFFIC CONTROLLER ASSEMBLY (F&I) TYPE 170	AS	1																	1		
700-48-18	STREET NAME SIGN PANEL	EA	3																	3		

Sean E. Doherty
4-22-09

REVISIONS						Engineer of Record: SEAN E. DOHERTY P.E. # 48100 2639 N. MONROE ST. BLDG C TALLAHASSEE, FL 32303 (850) 575-1800 www.pbsj.com Certificate of Authorization No. 24		LEON COUNTY SIGNALIZATION PLANS FOR: MERIDIAN RD. & BANNERMAN RD.	TABULATION OF QUANTITIES	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION					T-2

GENERAL NOTES:

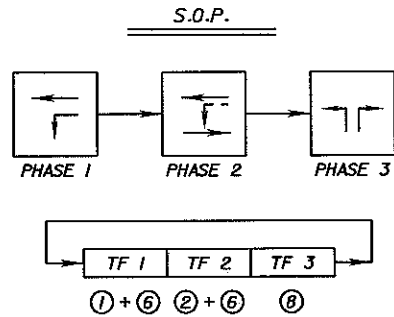
- 1) INSTALL NEW SIGNAL POLES WITH MAST ARMS AS SHOWN. ALL MAST ARM ASSEMBLIES SHALL MEET THE CURRENT TECHNICAL SPECIAL PROVISIONS (TSP's) FOR THE CITY OF TALLAHASSEE TRAFFIC SIGNAL SYSTEM DATED DECEMBER 2000 FOUND ON THE WEB AT <http://trafflweb01.talgov.com/tsp.html>.
- 2) ALL ATTACHMENT HARDWARE TO INSTALL 1) POLE TO FOUNDATION 2) ARMS TO POLES AND 3) TRAFFIC SIGNALS TO MAST ARM SHALL BE SUPPLIED BY THE VENDOR BASED ON REQUIREMENTS NEEDED AT EACH POLE LOCATION.
- 3) UNDERGROUND AND OVERHEAD UTILITIES TO BE CLEARED AT ALL FOUNDATION SITES BY FIELD SUPERVISOR.
- 4) ALL SIGNAL CABLE AND OTHER REQUIRED ELECTRICAL CIRCUITS SHALL BE THRU RACEWAYS (CONDUIT) FROM THE CABINET OR OTHER SOURCE TO POLES OR PEDESTALS.
- 5) POLE FOUNDATION HEIGHT ABOVE GROUND LEVEL MAY BE ADJUSTED TO MAINTAIN 18' TO 19' FT. HEIGHT TO BOTTOM OF SIGNAL HEAD ABOVE ROAD SURFACE. ABOVE GROUND HEIGHT OF FOUNDATION TO BE MAX. OF 12 INCHES WITH APPROVAL OF FIELD SUPERVISOR.
- 6) ALL SIGNAL HEADS TO MEET CURRENT FLORIDA DEPARTMENT OF TRANSPORTATION SPECIFICATIONS, BE BLACK IN COLOR, 12 INCH SECTION SIZE, GLASS LENS AND BE CONSTRUCTED OF DIE CASE ALUMINUM.
- 7) ALL TRAFFIC CONTROL SIGNS TO BE INSTALLED SHALL CONFORM TO THE STANDARDS SET FORTH BY THE M.U.T.C.D. AND FLORIDA D.O.T. ROADWAY AND TRAFFIC DESIGN STANDARDS, DATED JANUARY 2008.
- 8) ALL PAVEMENT MARKINGS INSTALLED SHALL CONFORM TO STANDARDS SET FORTH BY THE M.U.T.C.D. AND FLORIDA D.O.T. ROADWAY AND TRAFFIC DESIGN STANDARDS, DATED JANUARY 2008.
- 9) ALL POLES, SIGNAL CABINETS, CABLES, JUNCTION BOXES AND ELECTRICAL SERVICES TO BE PROPERLY GROUNDED AS PER F.D.O.T. ROADWAY AND TRAFFIC DESIGN STANDARDS, INDEX NO.'S 17727, 17733, 17736, 17764, 17841 AND SECTION 620 OF THE STANDARD SPECIFICATIONS.
- 10) ALL TRAFFIC CONTROLLER ASSEMBLIES SHALL MEET THE CURRENT TECHNICAL SPECIAL PROVISIONS (TSP's) FOR THE CITY OF TALLAHASSEE TRAFFIC SIGNAL SYSTEM DATED DECEMBER 2000 FOUND ON THE WEB AT <http://trafflweb01.talgov.com/tsp.html>.
- 11) THE CONTRACTOR SHALL NOTIFY UTILITY OWNERS THROUGH SUNSHINE STATE ONE CALL OF FLORIDA, INC. (1-800-432-4770, UNIVERSAL NUMBER 811) AT LEAST TWO BUSINESS DAYS IN ADVANCE OF BEGINNING CONSTRUCTION.
- 12) ALIGNMENT OF SIGNAL HEADS FOR VISIBLE SIGHT DISTANCE SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, SECTION 4B-12, TABLE 4-1.
- 13) THE MAJOR STREET IS MERIDIAN ROAD WITH A POSTED SPEED LIMIT OF 45 M.P.H., THE MINOR STREET IS OX BOTTOM ROAD WITH A POSTED SPEED LIMIT OF 45 M.P.H..
- 14) SEPARATE CONDUIT AND PULL BOX SYSTEMS SHALL BE USED FOR LOOPS LEAD-IN CABLES, SIGNAL CABLES, POWER CABLES AND INTERCONNECT CABLES RESPECTIVELY.
- 15) PAY ITEM NO. 663-74-II TO INCLUDE ALL CHANNEL DETECTORS, DETECTOR CABLES, PREEMPTION SYSTEM CHASSIS WITH DISCRIMINATOR CARDS AND ANY CONTROLLER/SYSTEM INTERFACE PANELS WITH ASSOCIATED WIRING AND PREEMPTION TIMINGS TO MAKE A FULLY OPERATIONAL AND FUNCTIONAL PREEMPTION SYSTEM. THE NUMBER AND TYPE OF OPTICAL DETECTORS (1 WAY OR 2 WAY) ARE SHOWN ON THE SIGNALIZATION PLANS. THE SYSTEM IS TO BE PAID AS ONE ASSEMBLY PER INTERSECTION.

Sean E. Doherty
4-22-09

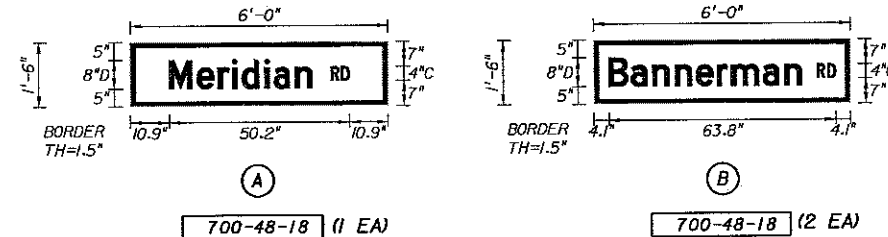
REVISIONS						Engineer of Record: SEAN E. DOHERTY P.E. # 48100 2639 N. MONROE ST. BLDG C TALLAHASSEE, FL 32303 (850) 575-1800 www.pbsj.com Certificate of Authorization No. 24	LEON COUNTY	SIGNALIZATION PLANS FOR: MERIDIAN RD. & BANNERMAN RD.	SIGNALIZATION GENERAL NOTES	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION					T-3

NOTES:

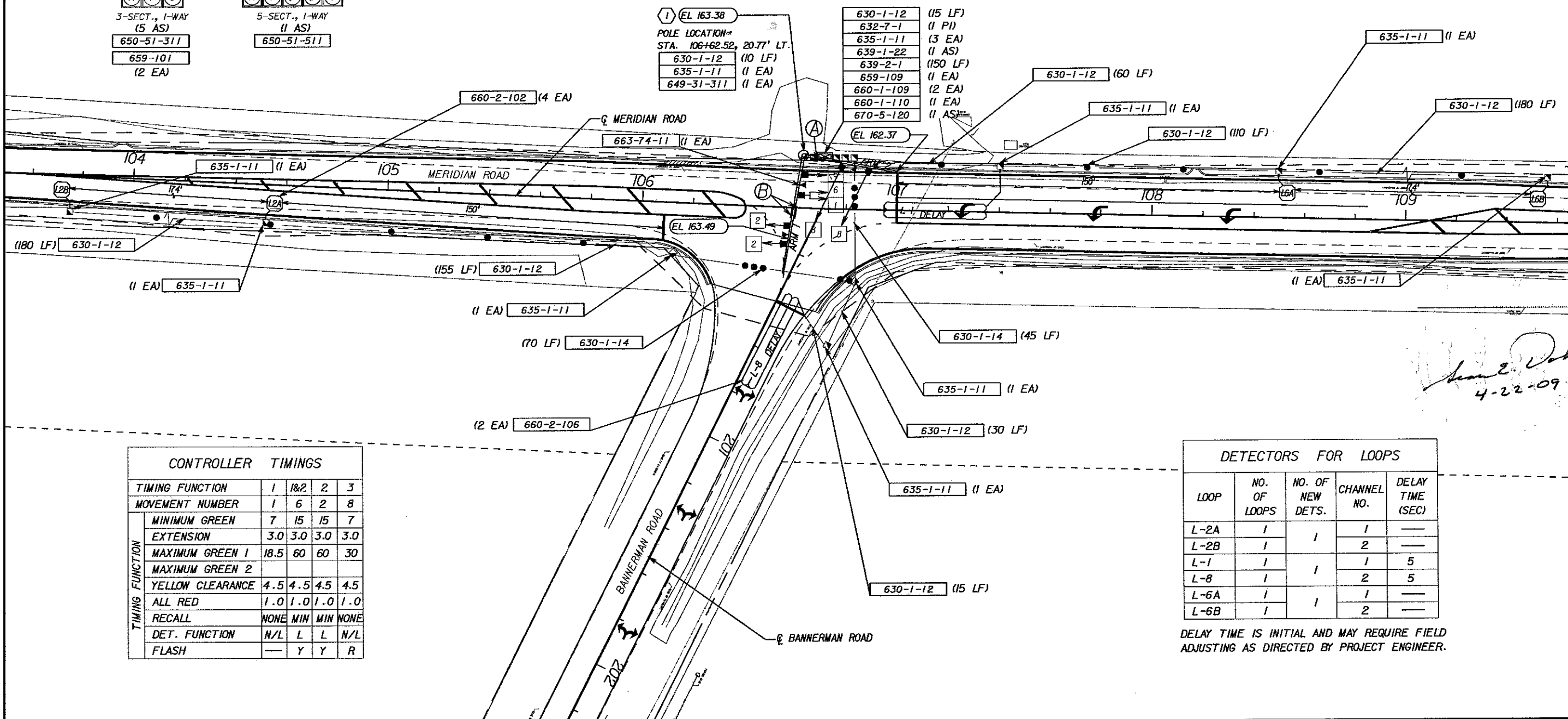
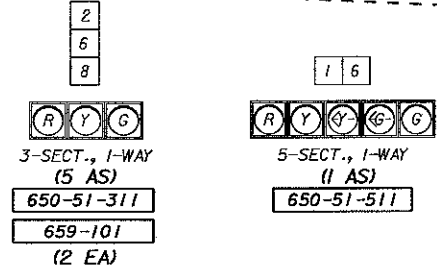
- 1) THE MAJOR STREET IS MERIDIAN ROAD. THE MINOR STREET IS BANNERMAN ROAD.
- 2) PAY ITEM NO. 659-101 (BACK PLATES) SHALL BE INSTALLED FOR TRAFFIC SIGNALS MOVEMENT 8.



OVERHEAD SIGN DETAILS



SIGNAL HEAD DETAILS



CONTROLLER TIMINGS				
TIMING FUNCTION	1	1&2	2	3
MOVEMENT NUMBER	1	6	2	8
MINIMUM GREEN	7	15	15	7
EXTENSION	3.0	3.0	3.0	3.0
MAXIMUM GREEN 1	18.5	60	60	30
MAXIMUM GREEN 2				
YELLOW CLEARANCE	4.5	4.5	4.5	4.5
ALL RED	1.0	1.0	1.0	1.0
RECALL	NONE	MIN	MIN	NONE
DET. FUNCTION	N/L	L	L	N/L
FLASH	—	Y	Y	R

DETECTORS FOR LOOPS				
LOOP	NO. OF LOOPS	NO. OF NEW DETS.	CHANNEL NO.	DELAY TIME (SEC)
L-2A	1	1	1	—
L-2B	1	1	2	—
L-1	1	1	1	5
L-8	1	1	2	5
L-6A	1	1	1	—
L-6B	1	1	2	—

DELAY TIME IS INITIAL AND MAY REQUIRE FIELD ADJUSTING AS DIRECTED BY PROJECT ENGINEER.

Sean E. Doherty
4-22-09

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

Engineer of Record: SEAN E. DOHERTY
P.E. # 48100
2639 N. MONROE ST. BLDG C
TALLAHASSEE, FL 32303
(850) 575-1800
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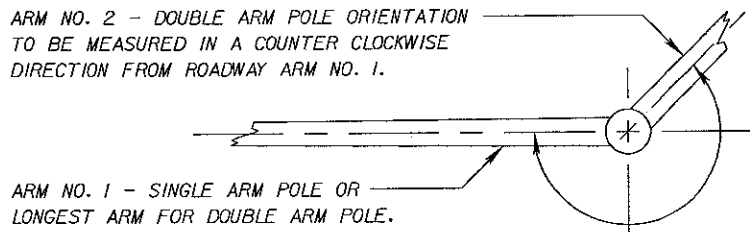


LEON COUNTY
SIGNALIZATION PLANS FOR:
MERIDIAN RD. & BANNERMAN RD.

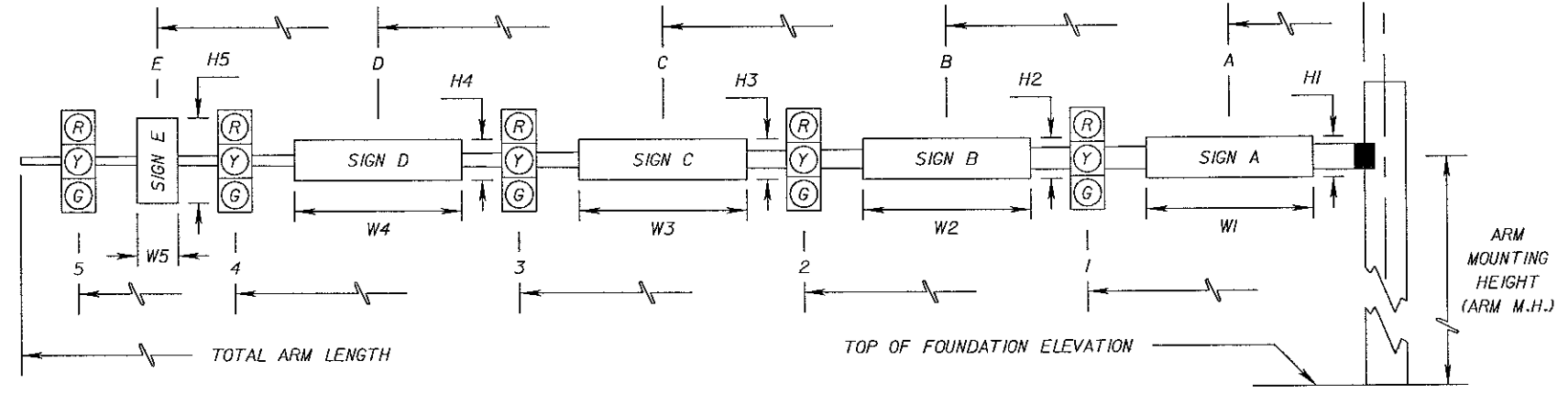
MERIDIAN ROAD & BANNERMAN ROAD
SIGNALIZATION PLAN

SHEET NO.
T-4

SPECIAL INSTRUCTIONS			
ID NO.	PED. BUTTON	PED. SIGNALS	HANDHOLE LOCATION



MAST ARM NOTE:
 MAST ARMS TO BE BROWN IN COLOR (SHERWIN-WILLIAMS COLOR #20040 NATIONAL PARK SERVICE BROWN).



* DENOTES NUMBER OF SECTIONS IN SIGNAL HEAD ASSEMBLY

ID NO.	SHEET NO.	LOCATION BY STA.	TOP OF FOUNDATION ELEVATION	RDWY ARM NO.	CROWN ELEV.	SIGNAL V/H	BACK PLATES Y/N	PED. SIGNAL Y/N	SIGNAL DATA												TOTAL ARM LENGTH	ARM M.H.	∠ BETWEEN DUAL ARMS 90/270	SIGN DATA						PAINT COLOR
									DISTANCE FROM POLE															DISTANCE FROM POLE / HEIGHT AND WIDTH OF SIGN						
									1	*	2	*	3	*	4	*	5	*	6	*				A	H1	W1	B	H2	W2	
1	T-4	106+62.52	163.38	1	163.49	H	N	N	6.5	3	14.5	5	27	3	34.5	3							21.25	1.5	6	21.25	1.5	6	BROWN	
				2	162.37	H	Y	N	14.5	3	25	3											6	1.5	6	BROWN				
				1																										
				2																										
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Sean E. Doherty
 4-22-09

REVISIONS						Engineer of Record: SEAN E. DOHERTY P.E. # 48100 2639 N. MONROE ST. BLDG C TALLAHASSEE, FL 32303 (850) 575-1800 www.pbsj.com Certificate of Authorization No. 24		LEON COUNTY SIGNALIZATION PLANS FOR: MERIDIAN RD. & BANNERMAN RD.	MAST ARM TABULATION	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION					T-5

STANDARD MAST ARM ASSEMBLIES DATA TABLE																	
STRUCTURE ID NUMBERS	ASSEMBLY NUMBERS ⁽¹⁾	FIRST ARM			SECOND ARM			UF (deg)	LL (deg)	POLE			SPECIAL DRILLED SHAFT ⁽⁴⁾				GROUT PAD Y/N
		ARM TYPE	FAA ⁽²⁾ (ft.)	FBA ⁽²⁾ (in.)	ARM TYPE	FAA ⁽²⁾ (ft.)	FBA ⁽²⁾ (in.)			POLE TYPE	UAA ⁽³⁾ (ft.)	UB (ft.)	UCA ⁽³⁾ (in.)	DA (ft.)	DB (ft.)	RA	
Pole 1	F4-F2-W3	F4			F2			90		W3		19.5					Y

TABLE NOTES:

- Assembly Number Legend**

Single Arm:
 Arm Type - Pole Type = D# - S#
 = E# - T#
 = F# - W#

Double Arm:
 First Arm Type - Second Arm Type - Pole Type = D# - D# - S#
 = E# - E# - T#
 = F# - F# - W#
- If an entry appears in columns "FAA" and "FBA", a shorter arm is required. This is obtained by removing length from the arm tip. For these cases the mast arm length shall be shortened from "FA" to "FAA" and the tip diameter shall be increased from "FB" to "FBA".
- If an entry appears in columns "UAA" and "UCA", a shorter pole is required. This is obtained by removing length from the pole tip. For these cases the pole height shall be shortened from "UA" to "UAA" and the pole tip diameter shall be increased from "UC" to "UCA".
- The foundations for Standard Mast Arm Assemblies are pre-designed and are based upon the following conservative soil criteria which covers the great majority of soil types found in Florida. Only complete the "Special Drilled Shaft" data information if site conditions dictate drilled shafts with additional foundation capacity.

Classification = Cohesionless (Fine Sand)
 Friction Angle = 30 Degrees (30°)
 Unit Weight = 50 lbs. / cu. ft. (assumed saturated)
- The Geotechnical Report by EGS dated September 2008 verified that the standard soil criteria was appropriate for this site.

GENERAL NOTES:

- Work this sheet with the Signal Designer's "Mast Arm Tabulation". See "Mast Arm Tabulation" for special instructions that include non-standard Handhole location, paint color, terminal compartment requirement, and pedestrian features.
- Work with Index Nos. 17743 and 17745.
- When placing Standard Mast Arm Assemblies on existing foundations, remove existing grout pad and cut existing anchor bolts flush with top of foundation. Replace damaged or removed portions of the foundation, using epoxy bonding compound according to Section 400 of the Specifications. Replace grout pad according to Section 934 of the Specifications.

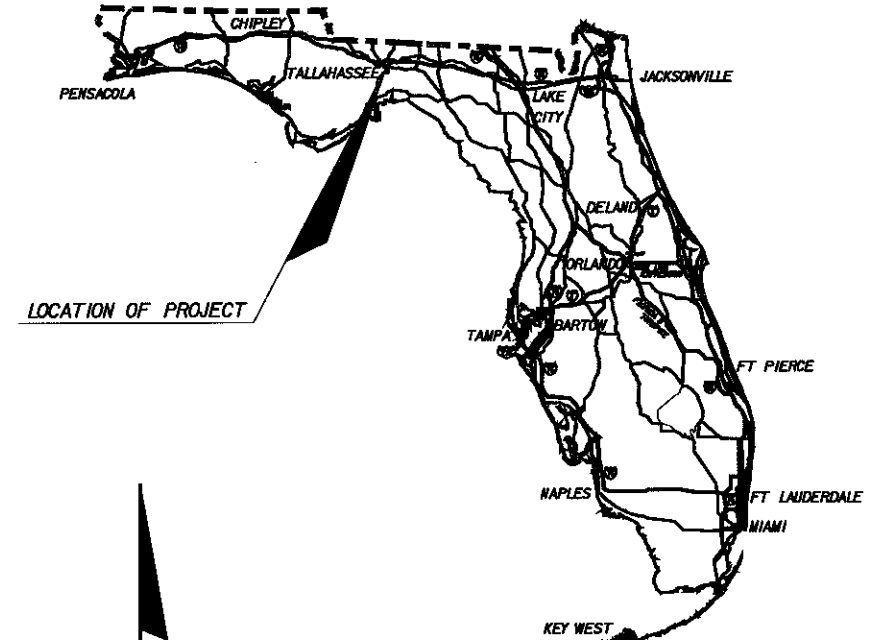
John Leon
4/23/09

<p>REVISIONS</p> <table border="1"> <thead> <tr> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>						DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION													<p>Engineer of Record:</p> <p>PBS&J</p> <p>JERRY O'STEEN P.E. # 28466 2639 N. MONROE ST. BLDG C TALLAHASSEE, FL 32303 (850) 575-1800 www.pbsj.com</p> <p>Certificate of Authorization No. 24</p>		<p>LEON COUNTY</p> <p>SIGNALIZATION PLANS FOR:</p> <p>MERIDIAN RD. & BANNERMAN RD.</p>		<p>TABLE OF VARIABLES FOR STANDARD MAST ARM ASSEMBLIES INDEX NO. S-1700</p>		<p>SHEET NO.</p> <p>T-6</p>
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION																									
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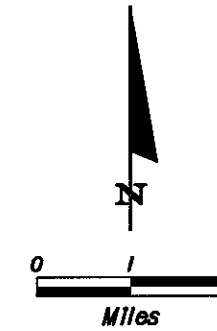


EROSION CONTROL PLANS
LEON COUNTY

**MERIDIAN ROAD
AND BANNERMAN ROAD INTERSECTION**



LOCATION OF PROJECT

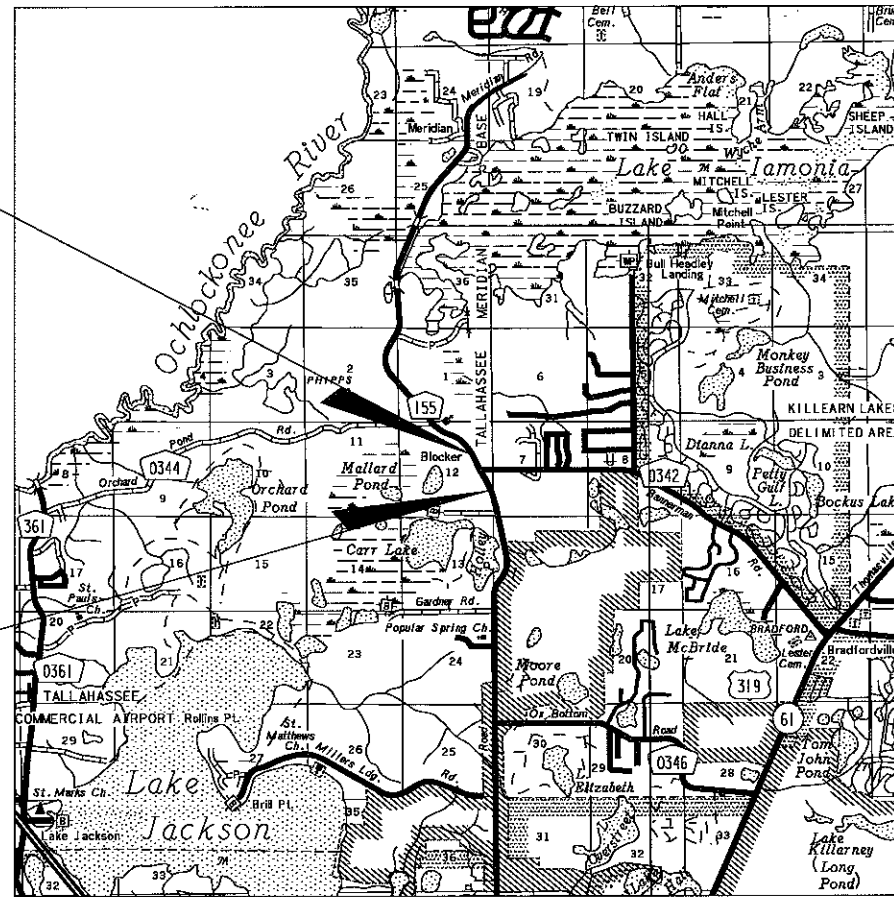


INDEX OF EROSION CONTROL PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2 - 4	EROSION CONTROL AND TREE PROTECTION PLANS
5	EROSION CONTROL AND TREE PROTECTION DETAILS

END PROJECT
STA. 111+54.35 (E CONST.)

BEGIN PROJECT
STA. 103+20.00 (E CONST.)



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: I-I-09

FOR DESIGN STANDARDS MODIFICATIONS CLICK ON
"DESIGN STANDARDS" AT THE FOLLOWING WEB SITE:
[HTTP://WWW.DOT.STATE.FL.US/RODESIGN/](http://www.dot.state.fl.us/rodesign/)

REVISIONS:

PROJECT LENGTH IS BASED ON E CONSTRUCTION

LENGTH OF PROJECT		
	LINEAR FEET	MILES
ROADWAY	834.35	0.158
BRIDGES	N/A	N/A
NET LENGTH OF PROJECT	834.35	0.158
EXCEPTIONS	N/A	N/A
GROSS LENGTH OF PROJECT	834.35	0.158

PROJECT MANAGER:

KEY SHEET REVISIONS		
DATE	BY	DESCRIPTION

PLANS PREPARED BY:



2639 N. Monroe St. Bldg C
Tallahassee, FL 32303
(850) 575-1800
www.pbsj.com

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

FINAL PLANS

NOTE: THIS IS A UNIT PRICE PROJECT.

EROSION CONTROL AND
TREE PROTECTION PLANS
ENGINEER OF RECORD:

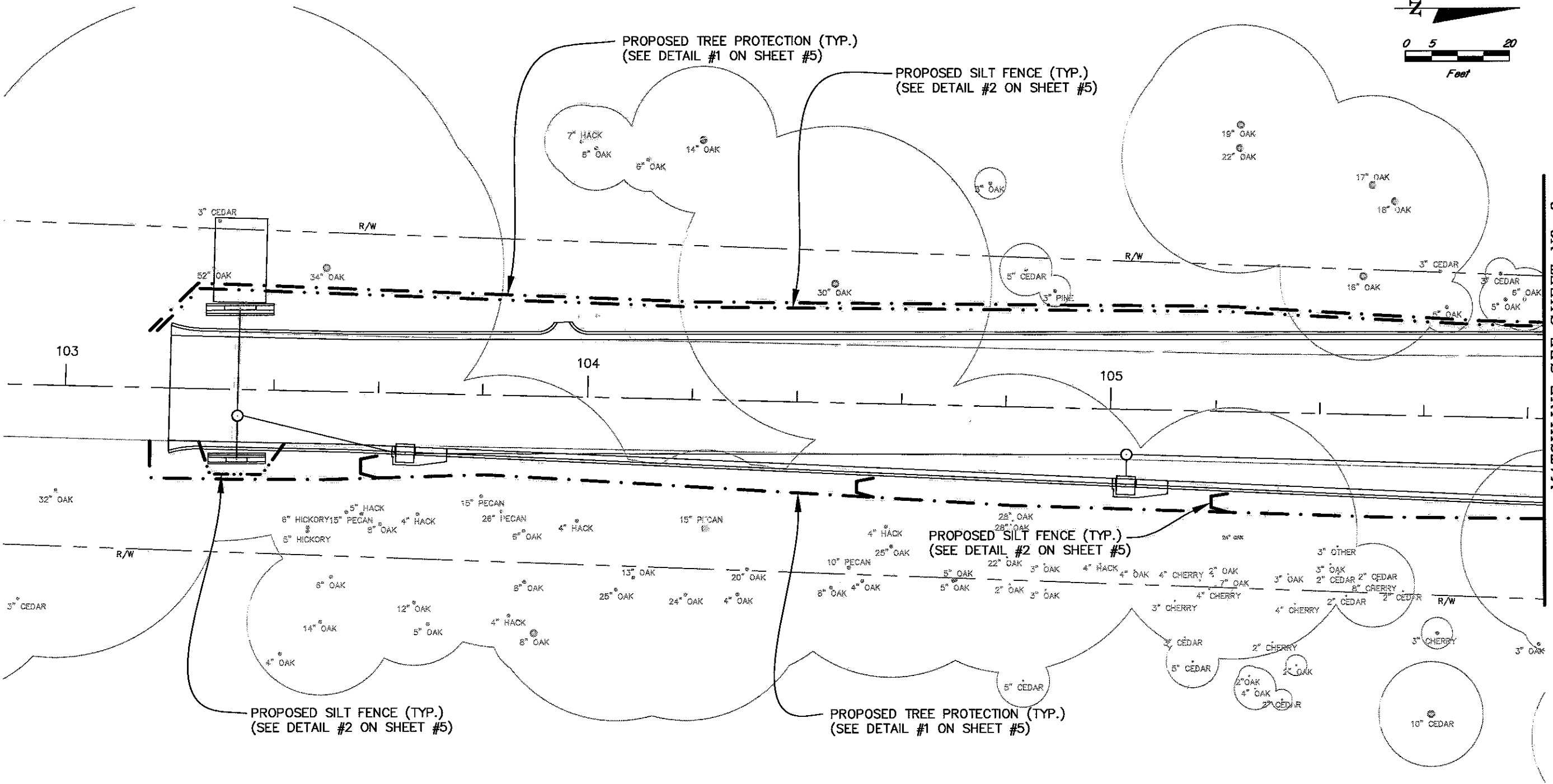
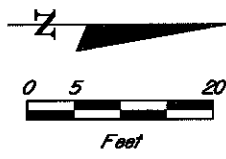
Mike A. Scibelli

P.E. NO. 40238

SHEET
NO.

1

Handwritten signature and date: 4/23/09



MATCHLINE SEE SHEET NO. 3

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LEGEND

- · — · — PROPOSED TREE PROTECTION (SEE DETAIL #1 ON SHEET #5)
- < — · — PROPOSED SILT FENCE (SEE DETAIL #2 ON SHEET #5)
- - - - - RIGHT OF WAY
- EXISTING TREES

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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4/23/09

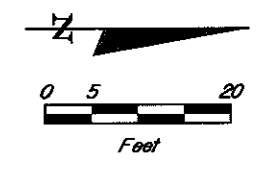
Engineer of Records
PBSJ
 Certificate of Authorization No. 24
 MICHAEL A. SCIBELLI
 P.E. # 40230
 2639 N. MONROE ST. BLDG C
 TALLAHASSEE, FL 32303
 (850) 575-1800
 www.pbsj.com



LEON COUNTY
 CONSTRUCTION PLANS FOR:
 MERIDIAN RD. & BANNERMAN RD.

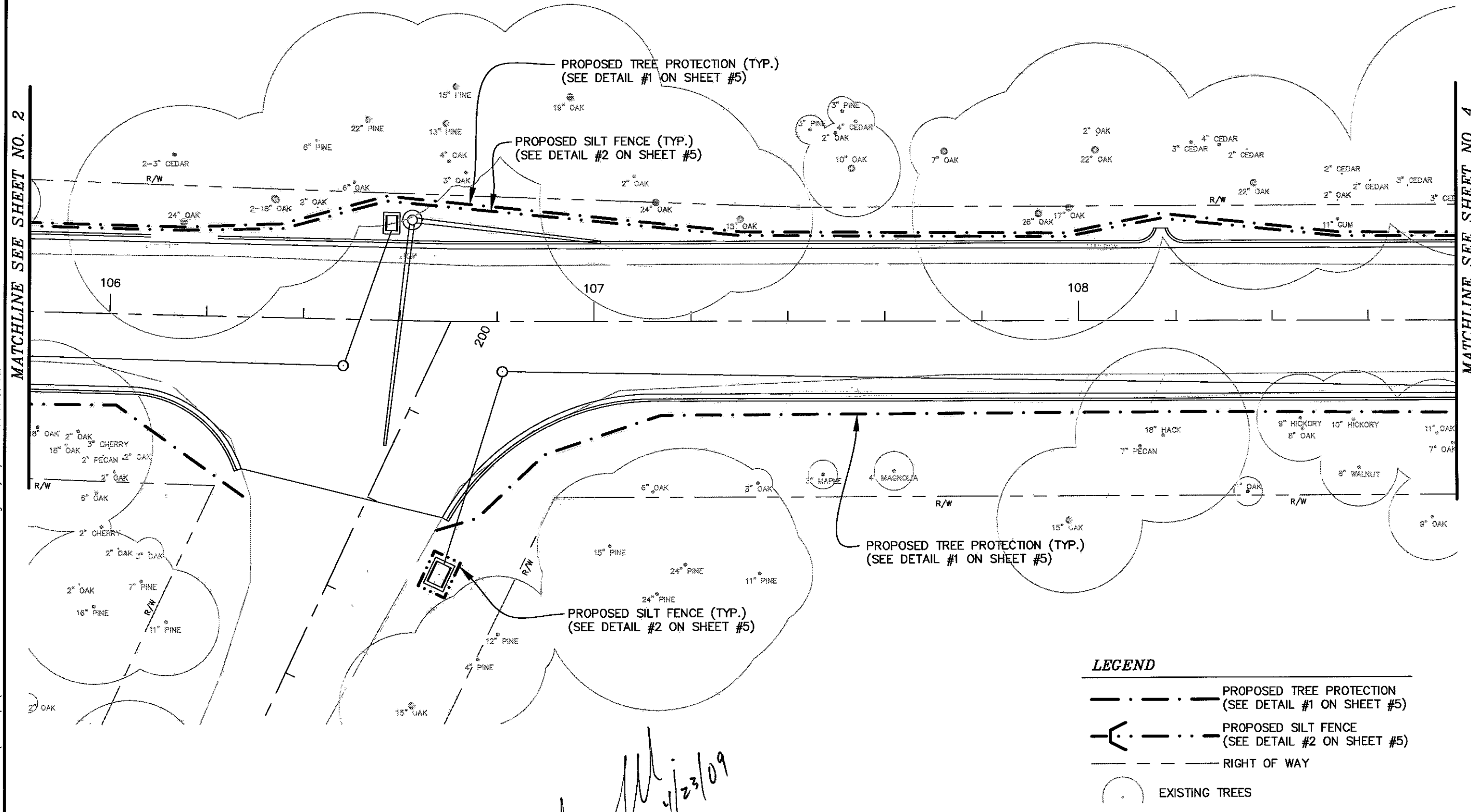
**EROSION CONTROL AND
 TREE PROTECTION PLAN**

SHEET NO.
 2



MATCHLINE SEE SHEET NO. 2

MATCHLINE SEE SHEET NO. 4



LEGEND

- PROPOSED TREE PROTECTION (TYP.) (SEE DETAIL #1 ON SHEET #5)
- PROPOSED SILT FENCE (TYP.) (SEE DETAIL #2 ON SHEET #5)
- RIGHT OF WAY
- EXISTING TREES

M. J. [Signature]

4/23/09

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REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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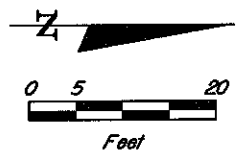
MICHAEL A. SCIBELLI
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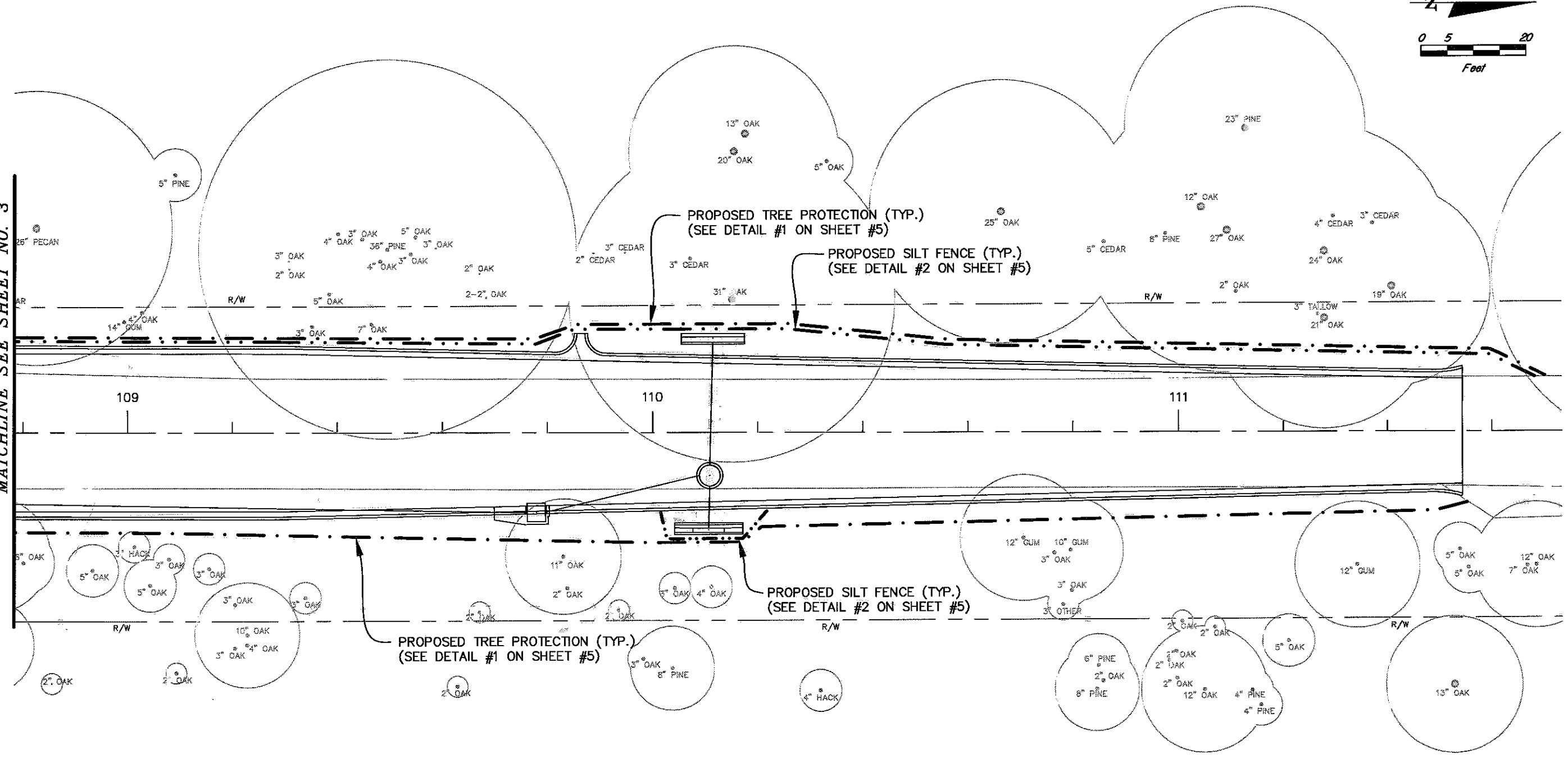
**EROSION CONTROL AND
 TREE PROTECTION PLAN**

SHEET
 NO.
 3



MATCHLINE SEE SHEET NO. 3

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LEGEND

- PROPOSED TREE PROTECTION (TYP.) (SEE DETAIL #1 ON SHEET #5)
- PROPOSED SILT FENCE (TYP.) (SEE DETAIL #2 ON SHEET #5)
- RIGHT OF WAY
- EXISTING TREES

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

[Handwritten Signature]
4/23/09

Engineer of Records
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SHEET NO.
 4

