





GENERAL NOTES

1. EXISTING DRAINAGE STRUCTURES WITHIN CONSTRUCTION LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED.

2. ANY PUBLIC LAND CORNER 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 CONTRACTOR SHOULD NOTIFY THE CITY OF TALLAHASSEE WITHOUT DELAY, BY TELEPHONE.

3. ALL CLEARING AND GRUBBING DEBRIS IS TO BE REMOVED FROM THE SITE AND IS PART OF THE CLEARING AND GRUBBING PAY ITEM.

4. ALL PROPOSED GROUND ELEVATIONS ARE FINISHED SOD ELEVATIONS. FINISH EARTHWORK GRADING SHALL BE 0.2 FEET BELOW ELEVATIONS SHOWN TO ALLOW FOR SOD THICKNESS.

5. SODDING INCLUDES MAINTAINING SLOPES AND SOD UNTIL COMPLETION AND ACCEPTANCE OF TOTAL PROJECT OR GROWTH IS ESTABLISHED, WHICHEVER COMES LAST. UNTIL THEN, ALL EROSION, SILTATION, AND MAINTENANCE OF GRADES IS THE RESPONSIBILITY OF THE CONTRACTOR.

6. WHERE EXCAVATIONS ARE IN CLOSE PROXIMITY OF TREES, THE CONTRACTOR SHALL USE EXTREME CARE IN NOT DAMAGING THE ROOT SYSTEM. NO EQUIPMENT, SUPPLIES, OR VEHICLES SHALL BE STORED OR PARKED WITHIN THE DRIP LINE OF TREES TO REMAIN AND BE PRESERVED. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO INFORM ALL EMPLOYEES AND SUBCONTRACTORS OF THIS REQUIREMENT AND TO ENFORCE SAME.

7. THE CONTRACTOR SHALL NOTIFY UTILITY OWNERS THROUGH SUNSHINE STATE ONE CALL OF FLORIDA (800-432-4770) AND UTILITY OWNERS LISTED BELOW AT LEAST TWO (2) FULL BUSINESS DAYS IN ADVANCE OF BEGINNING CONSTRUCTION ON THE JOB SITE. THE CONTRACTOR SHALL WAIT THE REQUIRED TIME FOR BURIED UTILITIES TO BE LOCATED AND MARKED. THE CONTRACTOR SHALL PROTECT THE MARKS DURING CONSTRUCTION. IF THE MARKS ARE DESTROYED, THE CONTRACTOR SHALL CALL SUNSHINE STATE ONE CALL OF FLORIDA AGAIN. THE CONTRACTOR SHALL DIG SAFELY, USING EXTREME CAUTION, WHEN DIGGING WITHIN 24 INCHES ON EITHER SIDE OF THE MARKS TO AVOID HITTING THE BURIED UTILITY LINES.

UTILITY OWNER:	TELEPHONE NUMBER	CONTACT PERSON
EMBARO	850-599-1444	WILLIAM MC CLOUD
COMCAST CABLE	850-574-4067	PHIL CARTER
LEVEL 3 COMMUNICATIONS, LLC	850-205-4905	JESSIE D. ALDRIDGE
MCI	972-729-6016	INVESTIGATIONS
CITY OF TALLAHASSEE - TRAFFIC	850-891-5349	DAN OGELSBY
CITY OF TALLAHASSEE - UTILITY SERVICES	850-891-5130	DAVID KNIGHT

8. CONTRACTOR SHALL SPRINKLE OR OTHERWISE APPLY WATER TO AFFECTED CONSTRUCTION AREAS TO CONTROL BOTH SIGNIFICANT WIND EROSION, AND FUGITIVE DUST.

9. THE PROPOSED CONSTRUCTION SHALL COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (ADA), THE ADA COMPLIANCE HANDBOOK, LATEST EDITION, AND THE FLORIDA ACCESSIBILITY CODE.

10. PUBLIC SIDEWALK CURB RAMPS SHALL BE CONSTRUCTED PER FDOT INDEX 304. REFER TO PLAN SHEETS FOR ALPHANUMERIC IDENTIFICATIONS. ALL CURB RAMPS SHALL BE ADA COMPLIANT.

11. EXISTING DRIVEWAYS TO BE RECONSTRUCTED SHALL BE REPLACED AT THE SAME LOCATION AND WIDTH, UNLESS OTHERWISE SHOWN IN THE PLANS. DRIVEWAY TURNOUTS SHALL BE IN ACCORDANCE WITH PLANS AND FDOT INDEX 515. REFER TO PLAN SHEETS FOR ALPHANUMERIC IDENTIFICATIONS OF URBAN FLARED TURNOUTS. RESIDENTIAL ASPHALT DRIVEWAYS SHALL BE RECONSTRUCTED WITH BASE GROUP 1 AND 1 INCH OF ASPHALTIC CONCRETE. COMMERCIAL ASPHALT DRIVEWAYS SHALL BE RECONSTRUCTED WITH BASE GROUP 3 AND 1-1/2" ASPHALTIC CONCRETE.

12. THE LOCATION OF THE UTILITIES SHOWN IN THE PLANS (INCLUDING THOSE DESIGNATED Vv, Vh AND Vvh) ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.

13. EXISTING UTILITIES AND MONITORING WELLS ARE TO REMAIN IN PLACE AND PROTECTED UNLESS OTHERWISE NOTED.

14. ALL DISTURBED AREAS WITHIN THE LIMITS OF CONSTRUCTION THAT ARE NOT PAVED OR LANDSCAPED SHALL BE RESTORED AND SODDED TO A CONDITION EQUAL TO OR SUPERIOR TO THAT EXISTING PRIOR TO COMMENCEMENT OF WORK.

15. SIGNS AND PAVEMENT MARKINGS SHALL BE INSTALLED IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ALL SIGN RELOCATION AND PLACEMENT SHALL COMPLY WITH F.D.O.T. STANDARD INDEX 17302 AND THE LATEST EDITION OF THE MUTCD AND C.O.T. SPECIFICATIONS.

16. THE CONTRACTOR SHALL EXPOSE ALL UNDERGROUND UTILITY LINES IN COORDINATION WITH THE UTILITY OWNER TO HIS/HER SATISFACTION AND MAKE ADJUSTMENTS TO SAME IN THE EVENT THERE ARE CONFLICTS WITH THE NEW CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING UNDERGROUND UTILITIES CAUSED BY THEIR CONSTRUCTION OF ANY OTHER PROPOSED FACILITIES/UTILITIES. THE CITY SHALL BE NOTIFIED OF ANY DISCREPANCIES FOUND.

17. THE CONTRACTOR SHALL COORDINATE THE LOCATION AND RELOCATION OF ALL APPLICABLE UTILITIES WITH THE CORRESPONDING UTILITY AUTHORITIES BEFORE CONSTRUCTION EFFORTS BEGIN.

18. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC IN ACCORDANCE WITH THE CITY OF TALLAHASSEE STANDARDS.

19. ALL INLETS SHALL BE PROTECTED AS PER FDEP BEST MANAGEMENT PRACTICES.

20. CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR ALL DRAINAGE STRUCTURES BEFORE ORDERING.

21. PLACEMENT OF RPMs SHALL BE IN ACCORDANCE WITH FDOT STANDARD INDEX 17352.

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY
101-1	MOBILIZATION	LS	1
102-1	MAINTENANCE OF TRAFFIC	LS	1
104-10-3	SEDIMENT BARRIER	LF	182
104-18	INLET PROTECTION SYSTEM	EA	10
110-1-1	CLEARING & GRUBBING	AC	0.26
120-1	REGULAR EXCAVATION	CY	195
120-6	EMBANKMENT (FILL)	CY	55
160-4	STABILIZATION, TYPE B	SY	536
285-701	OPTIONAL BASE, BASE GROUP 1	CY	101
285-709	OPTIONAL BASE, BASE GROUP 9, 12" TYPE B-12.5	SY	952
327-70-1	MILLING EXIST ASPHALT PAVEMENT, 1" AVG. DEPTH	SY	1,563
327-70-6	MILLING EXIST ASPHALT PAVEMENT, 1 1/2" AVG. DEPTH	SY	2,446
334-1-13	SUPERPAVE AC, TRAFFIC C	TN	743
425-1-351	INLET, CURB, TYPE P-5, <10'	EA	2
425-1-361	INLET, CURB, TYPE P-6, <10'	EA	1
425-1-451	INLET, CURB, TYPE J-5, <10'	EA	1
425-1-411	INLET, CURB, TYPE J-1, <10'	EA	1
425-2-061	MANHOLE, P-8, <10'	EA	1
425-2-062	MANHOLE, P-8, >10'	EA	1
425-4	INLET, ADJUST	EA	1
425-5-1	MANHOLES, ADJUST	EA	5
425-6	VALVE BOX, ADJUST	EA	13
430-175-101	PIPE CULVERT OPTIONAL MATERIAL, ROUND - SHAPE, UP TO 24"	LF	184
520-2-4	CONCRETE CURB (TYPE D)	LF	145
520-1-8	CONCRETE CURB AND GUTTER TYPE F MODIFIED	LF	855
520-1-10	CONCRETE CURB AND GUTTER TYPE F	LF	243
522-1	CONCRETE SIDEWALK, 4" THICK	SY	327
523-1-1	PATTERNED/TEXTURED PAVEMENT, ASPHALT	SY	228
570-1-2	PERFORMANCE TURF, SOD	SY	357
700-20-11	SIGN SINGLE POST, LESS THAN 12	SY	1
700-20-40	SIGN RELOCATION (SINGLE POST)	EA	3
706-3	RETRO-REFLECTIVE PAVEMENT MARKERS	EA	141
711-11-121	THERMOPLASTIC, WHITE, SOLID, 6"	LF	1,686
711-11-123	THERMOPLASTIC, WHITE, SOLID, 12"	LF	506
711-11-125	THERMOPLASTIC, WHITE, SOLID, 24"	LF	186
711-11-221	THERMOPLASTIC, YELLOW, SOLID, 6"	LF	1,991
711-11-222	THERMOPLASTIC, YELLOW, SOLID, 8"	LF	64
711-11-224	THERMOPLASTIC, YELLOW, SOLID, 18"	LF	56
711-11-160	THERMOPLASTIC, WHITE, MESSAGE (SCHOOL)	EA	1
711-11-170	THERMOPLASTIC, WHITE, ARROW	EA	16
999-99	TREE PROTECTION BARRICADE	LF	80

*Cheryl*  
5/21/10

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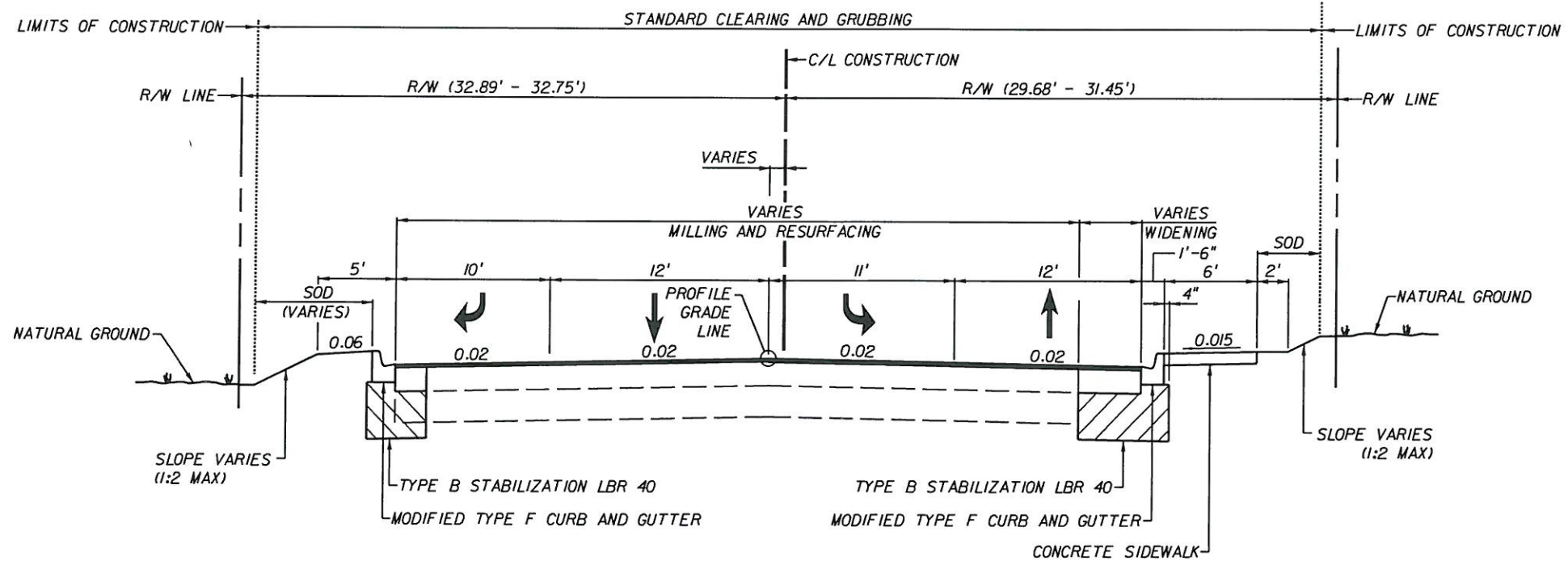


GENERAL NOTES  
AND  
SUMMARY OF PAY ITEMS

SHEET NO.  
2







*Clyde E. Eli*  
5/21/10

**TYPICAL SECTION  
LAFAYETTE STREET  
STA. 16+91.54 TO STA. 18+56.00  
N.T.S.**

**MILLING**

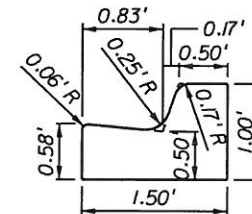
MILL EXISTING ASPHALT PAVEMENT (DEPTH VARIES - SEE PROFILE SHEETS)

**RESURFACING**

TYPE SP STRUCTURAL COURSE (TRAFFIC LEVEL C) (4" AVG.)

**NEW CONSTRUCTION (WIDENING)**

OPTIONAL BASE GROUP NO. 9, TYPE B-12.5 (12" AVG.)  
TYPE SP STRUCTURAL COURSE (TRAFFIC LEVEL C) (2" AVG.)



**MODIFIED TYPE F CURB DETAIL**

**TRAFFIC DATA**

CURRENT YEAR = 2007 AADT = 12,655  
ESTIMATED OPENING YEAR = 2009 AADT = 13,166  
ESTIMATED DESIGN YEAR = 2029 AADT = 19,564  
K = .09 D = .54 T = .10 (24 HR.)  
DESIGN HOUR T = 118  
DESIGN SPEED = 30 MPH

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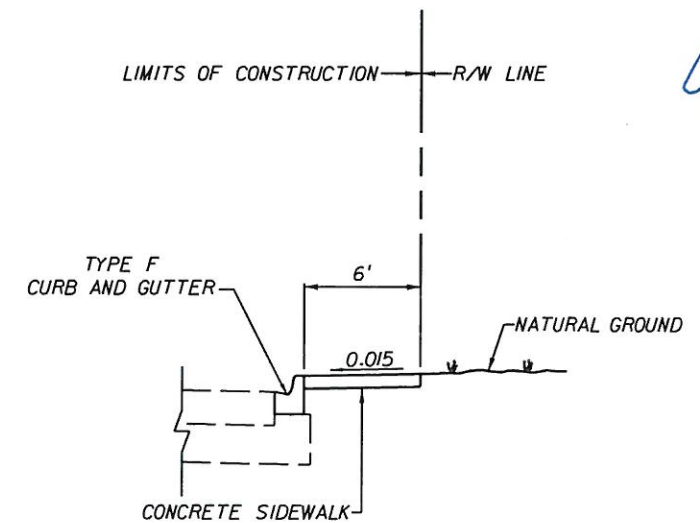
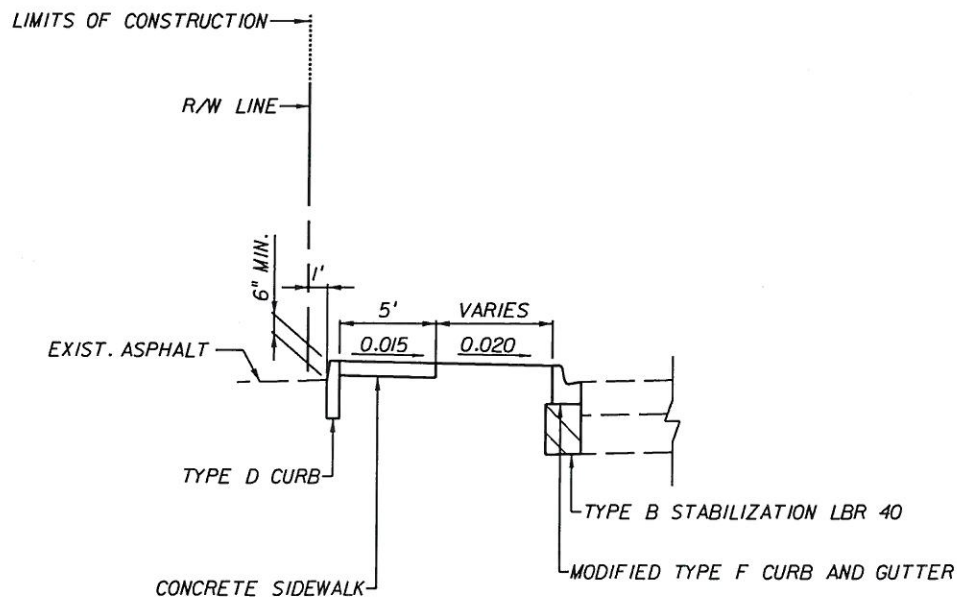
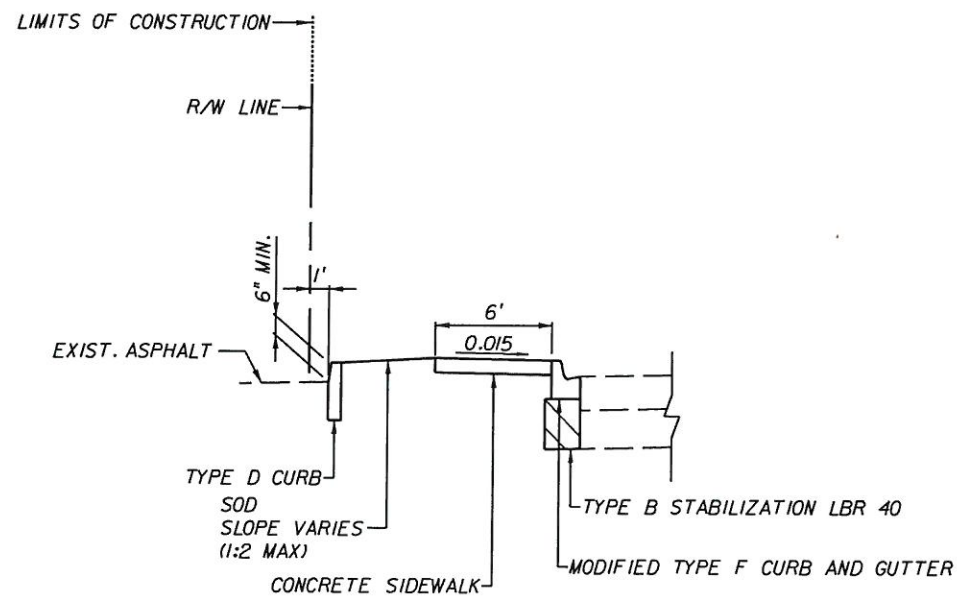
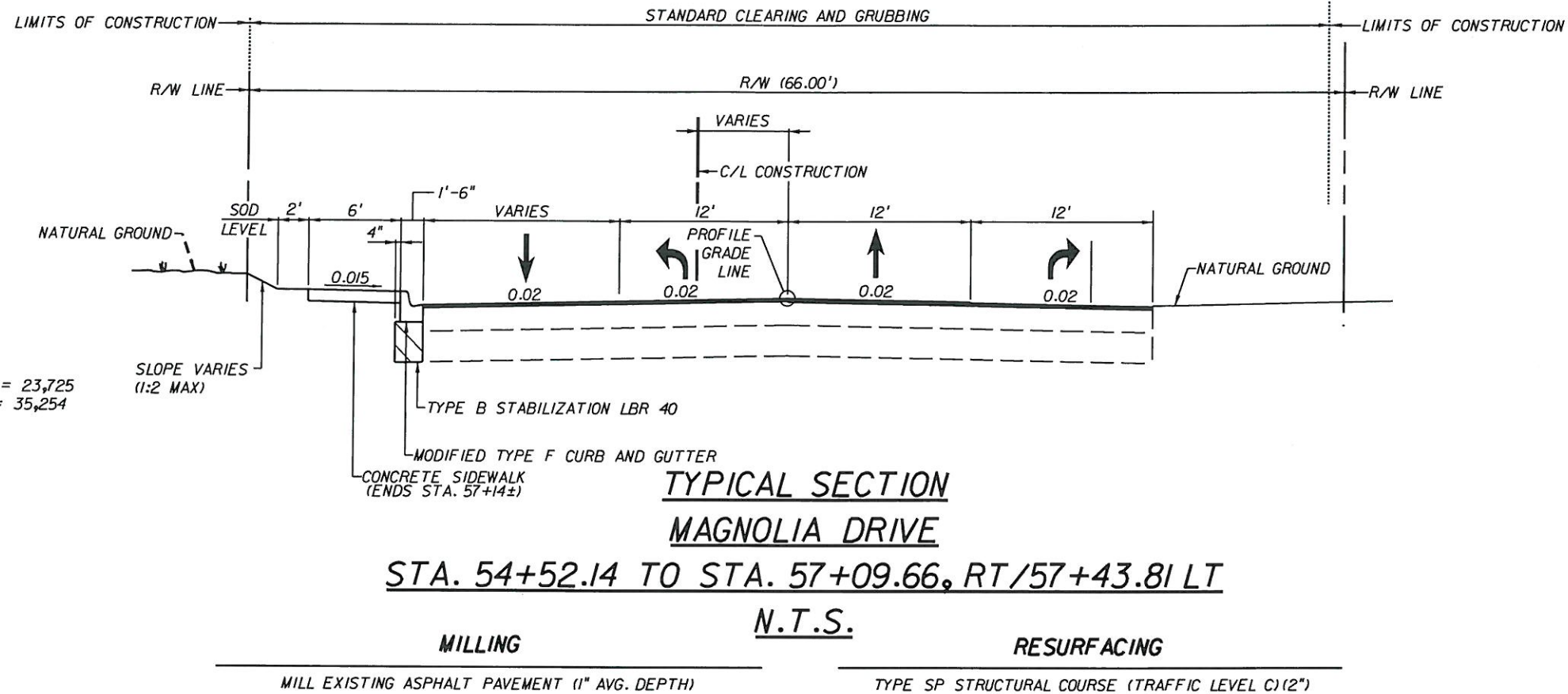
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**TYPICAL SECTIONS**

SHEET NO.  
4





*Clyde E. ...  
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**CITY OF TALLAHASSEE**

**TYPICAL SECTIONS**

SHEET NO.  
 5



QUANTITY	STR. NO.	STATION	SIDE	DESCRIPTION	BARRELS	RCP PIPE SIZE (IN.)	P-5	P-6	J-1	J-5	MANHOLE P-8 <10	MANHOLE P-8 >10	STORM DRAIN PIPE, ROUND 18"	STORM DRAIN PIPE, ROUND 24"	REMARKS	
P	1	16+00.00	R	INLET						1						
F																
P	2	51+95.26	L	MANHOLE								1				
F																
P	3	52+80.00	L	INLET, PIPE		18"	1						98			
F																
P	4	54+84.13	L	INLET					1							
F																
P	5	56+42.43	R	INLET, PIPE		24"	1							86		
F																
P	6	57+01.94	L	MANHOLE							1					
F																
P	7	57+22.00	L	INLET, PIPE				1								
F																
<b>SHEET TOTALS</b>							2	1	1	1	1	1	98	86		

**NOTES:**

- DRAINAGE STRUCTURES ARE PROPOSED TO BE CONNECTED TO THE EXISTING STORM SEWER. CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF BURIED PIPE AND SUBMIT SHOP DRAWINGS PRIOR TO ORDERING PRECAST DRAINAGE STRUCTURES. IT MAY BE NECESSARY TO ADJUST STRUCTURE BOTTOM DIMENSIONS AND PIPE INVERT ELEVATIONS IF FIELD CONDITIONS VARY FROM PLANS.
- 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.
- TYPE 1 CURB INLET ELEVATION REFERS TO THE EDGE OF PAVEMENT ELEVATION AT THE INLET.
- TYPE 5 AND 6 CURB INLET ELEVATION REFERS TO THE EDGE OF PAVEMENT ELEVATION AT THE INLET.

*Clyde E. L.*  
5/21/10

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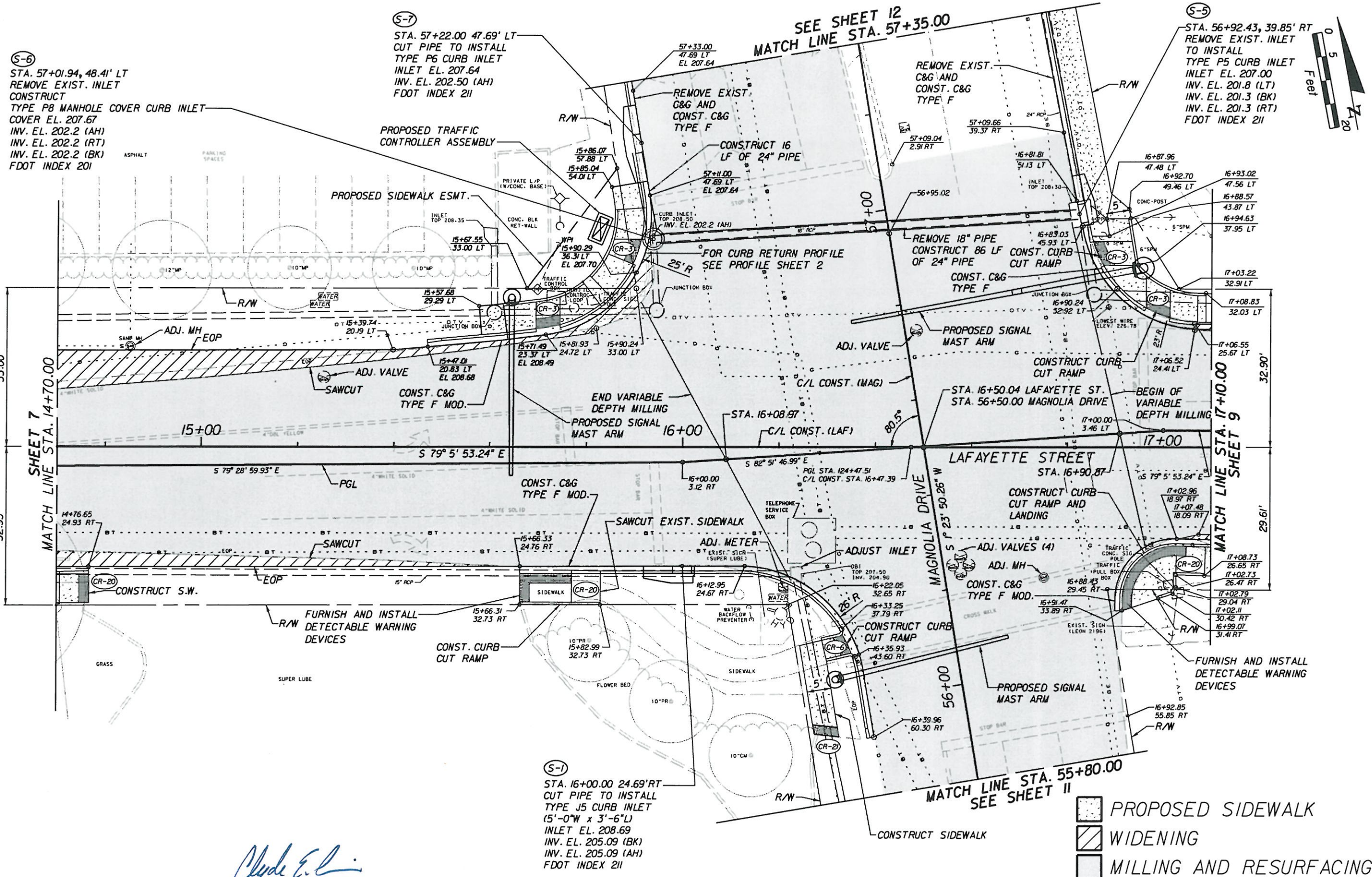
**SUMMARY OF DRAINAGE STRUCTURES**

SHEET NO. 6









*Clyde E. L.*  
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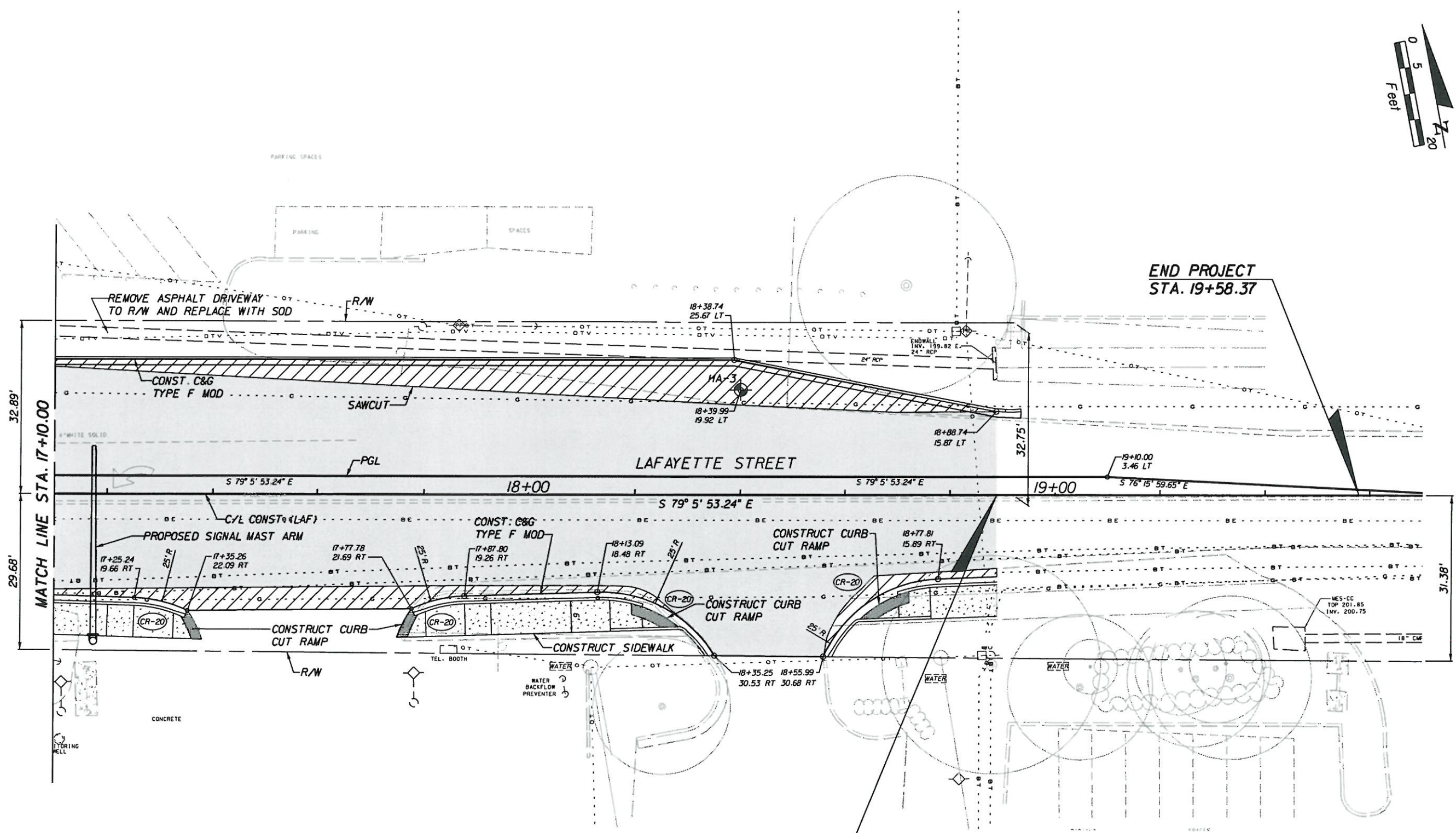
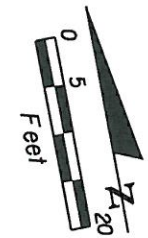


**PLAN**  
**LAFAYETTE STREET**




SHEET NO.  
8

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END MILLING AND RESURFACING END WIDENING  
STA. 18+88.85

-  PROPOSED SIDEWALK
-  WIDENING
-  MILLING AND RESURFACING

*Clyde ES*  
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**PLAN**  
**LAFAYETTE STREET**

SHEET NO.  
9





**(S-2)**  
 STA. 51+95.26, 24.72 LT.  
 CUT PIPE AND INSTALL  
 TYPE P-8 MANHOLE (4'0" DIA.)  
 PROPOSED COVER EL. 185.17  
 INV. EL. 173.29 (AH)  
 INV. EL. 173.58 (LT)  
 INV. EL. 173.22 (RT)  
 FDOT INDEX 200 & 201

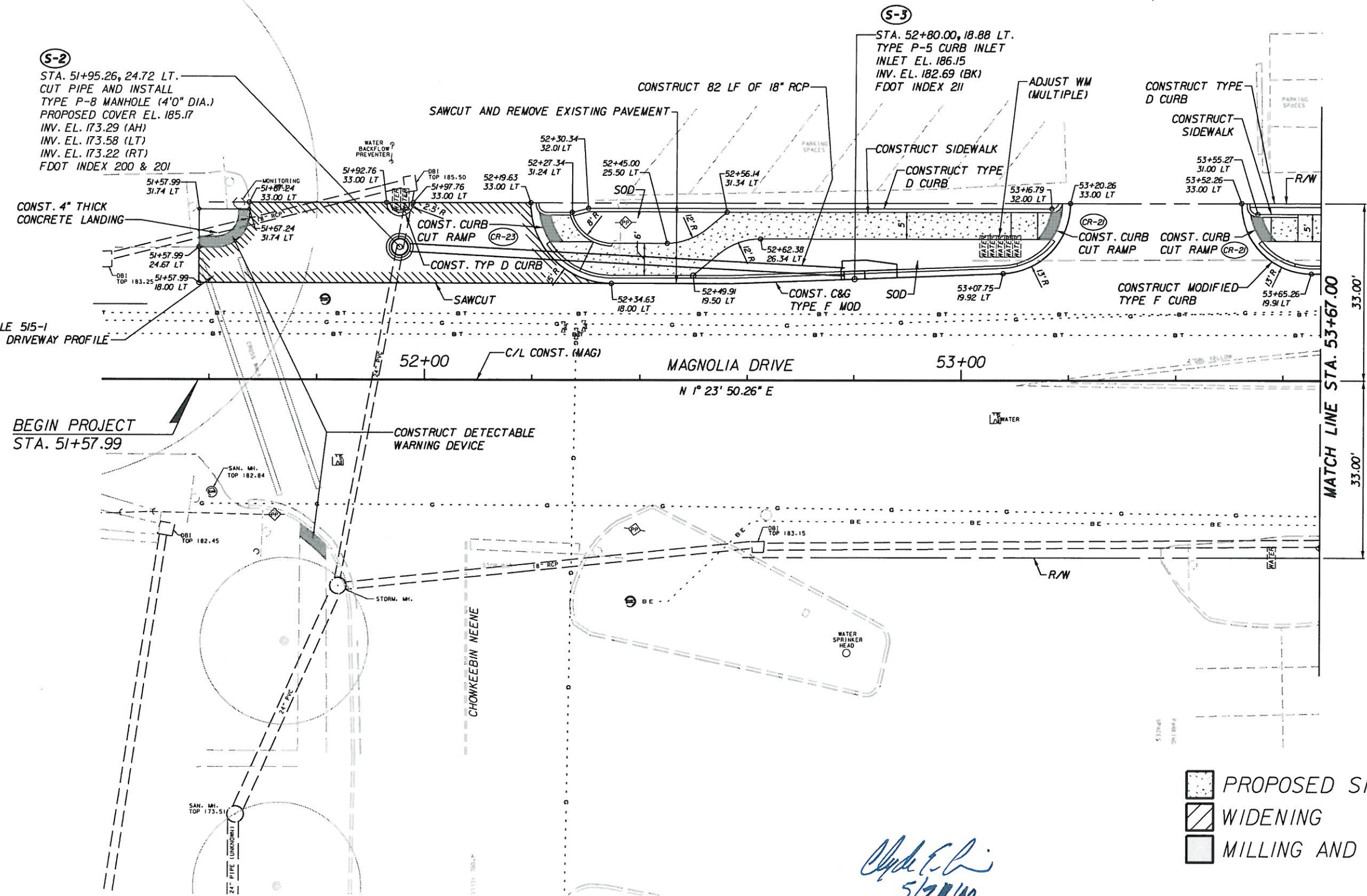
**(S-3)**  
 STA. 52+80.00, 18.88 LT.  
 TYPE P-5 CURB INLET  
 INLET EL. 186.15  
 INV. EL. 182.69 (BK)  
 FDOT INDEX 211

RE-CONSTRUCT DRIVEWAY  
 PER FDOT INDEX 515, TABLE 515-1  
 SEE CROSS SECTIONS FOR DRIVEWAY PROFILE

BEGIN PROJECT  
 STA. 51+57.99

MATCH LINE STA. 53+67.00

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- PROPOSED SIDEWALK
- WIDENING
- MILLING AND RESURFACING

*Clayton E. L.*  
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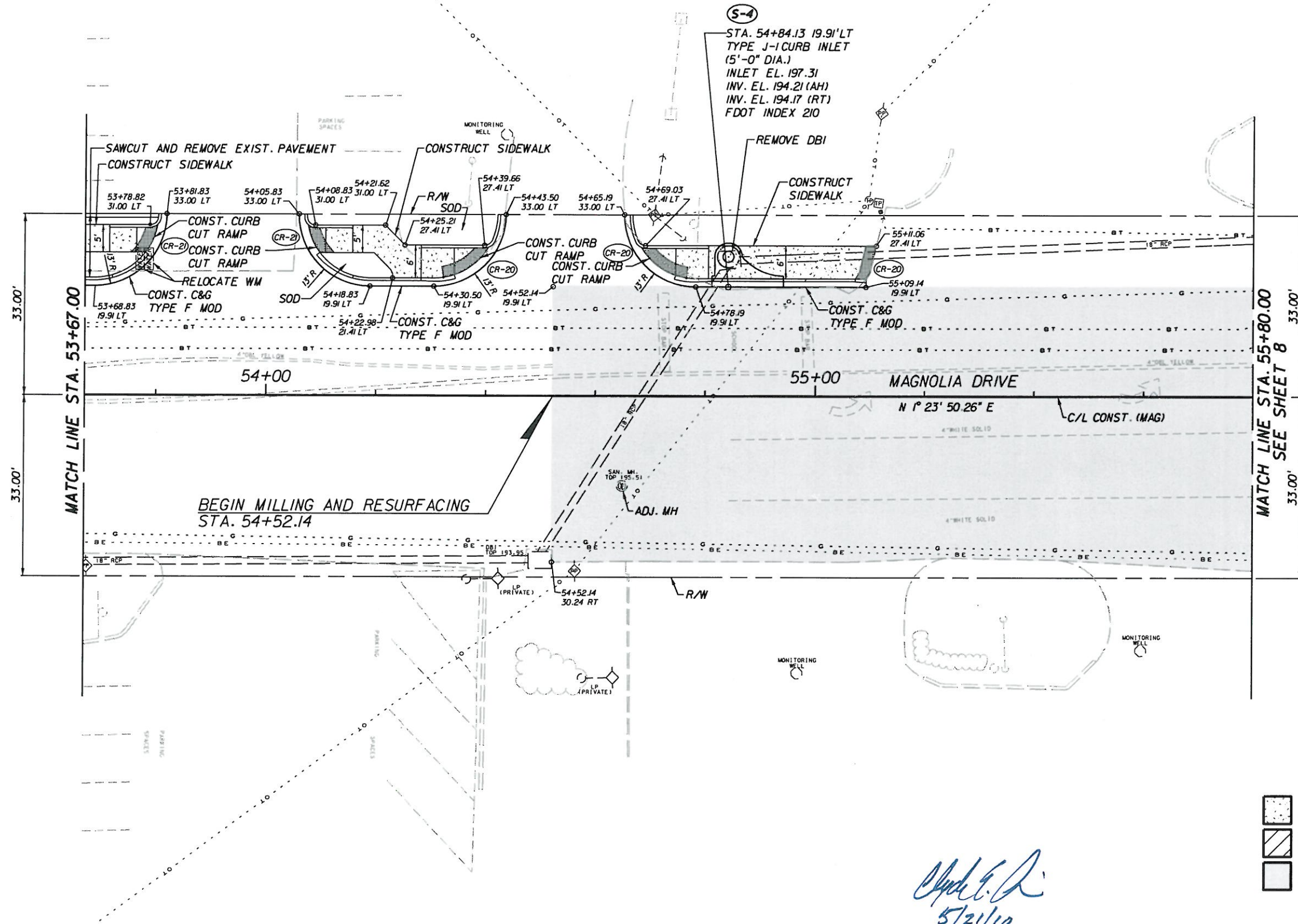
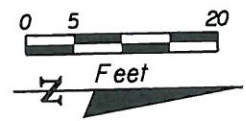
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CITY OF  
**TALLAHASSEE**

PLAN  
**MAGNOLIA DRIVE**

SHEET  
 NO.  
 10





- PROPOSED SIDEWALK
- WIDENING
- MILLING AND RESURFACING

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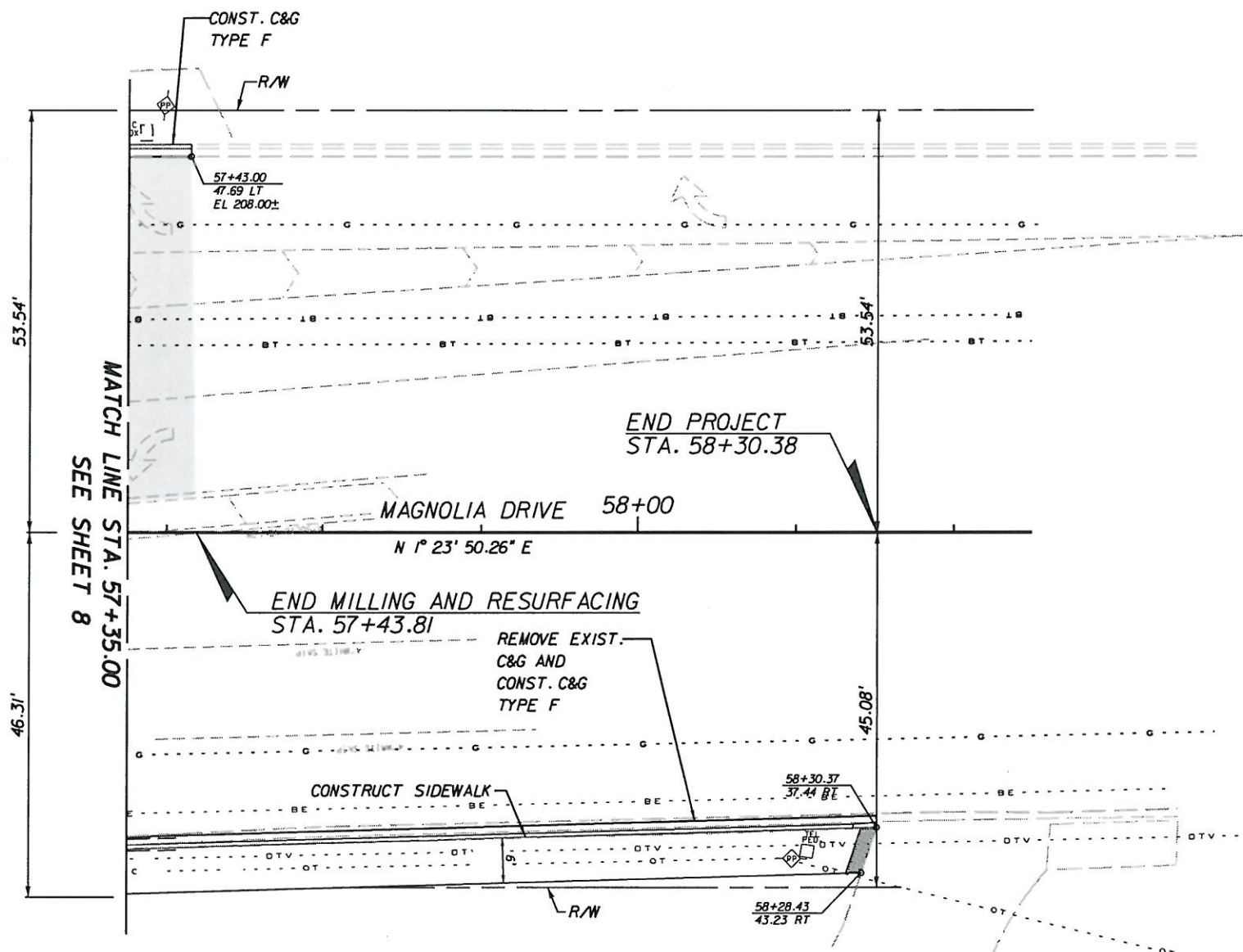
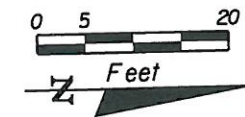
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CITY OF  
**TALLAHASSEE**

**PLAN  
 MAGNOLIA DRIVE**

SHEET  
 NO.  
 11





*Chad E. L.*  
5/21/10

- PROPOSED SIDEWALK
- WIDENING
- MILLING AND RESURFACING

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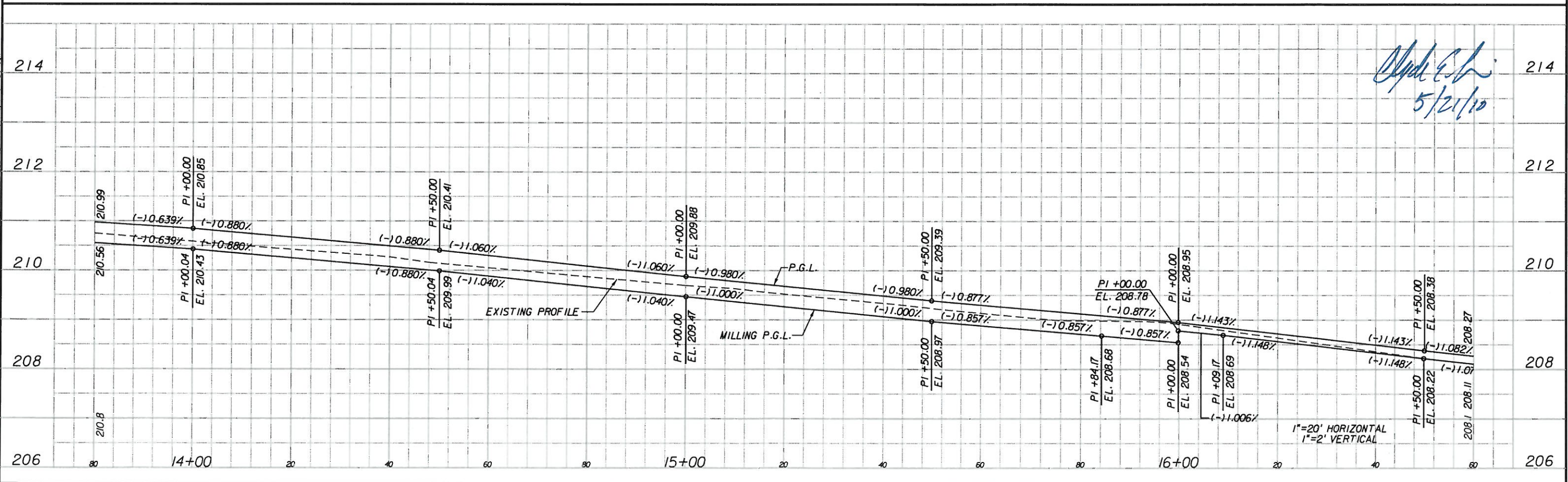
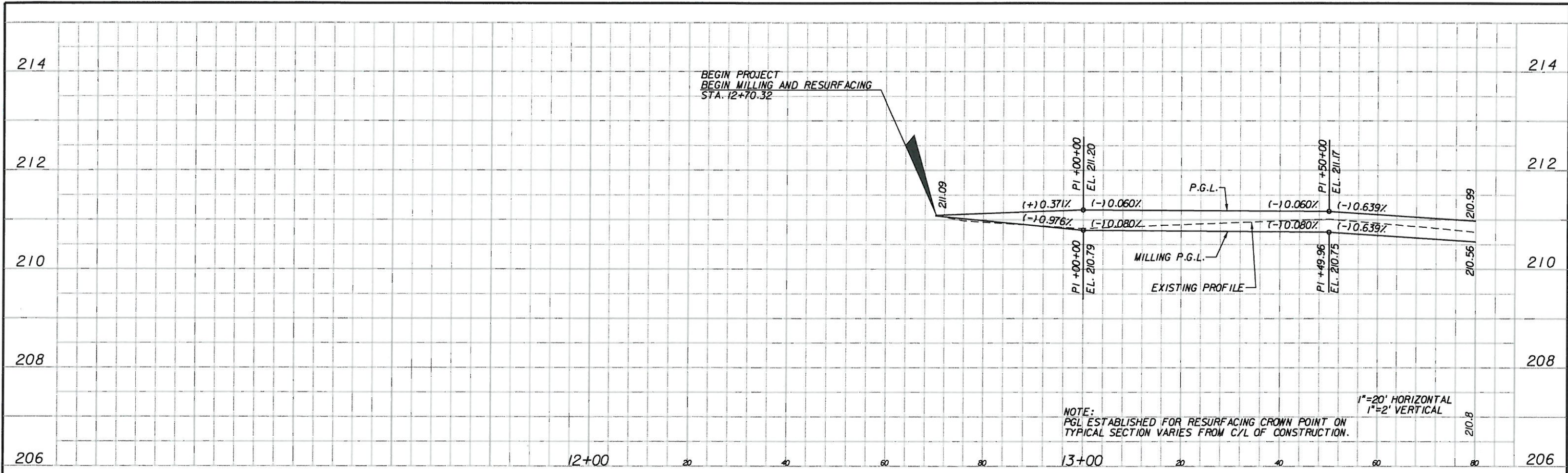
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**PLAN**  
**MAGNOLIA DRIVE**

SHEET NO.  
12





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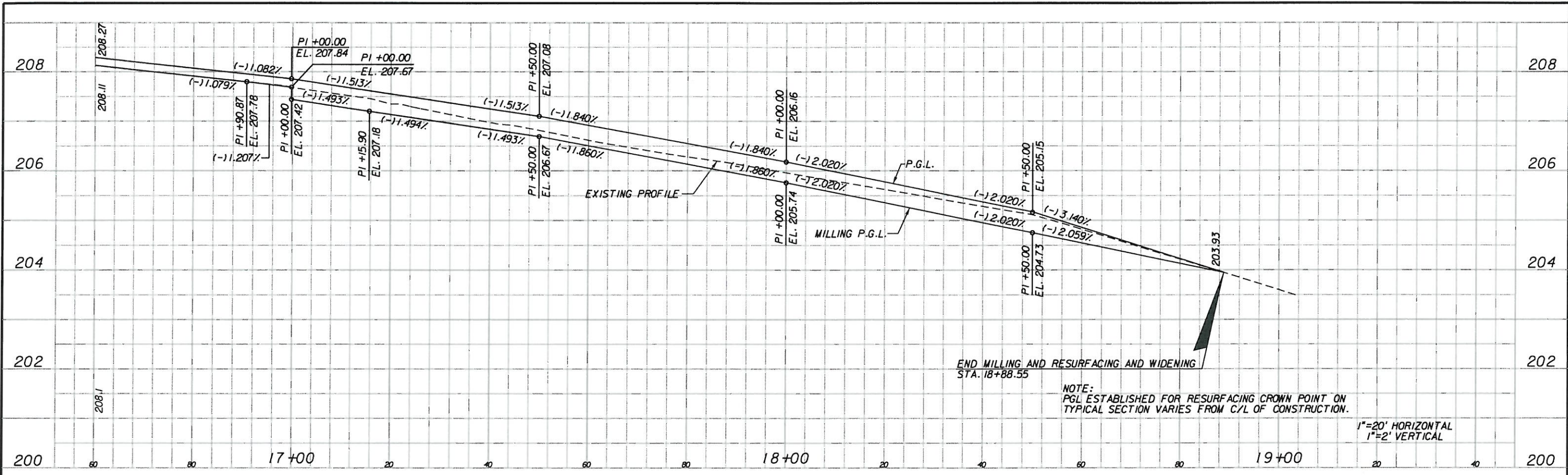
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**PROFILE SHEET 1**

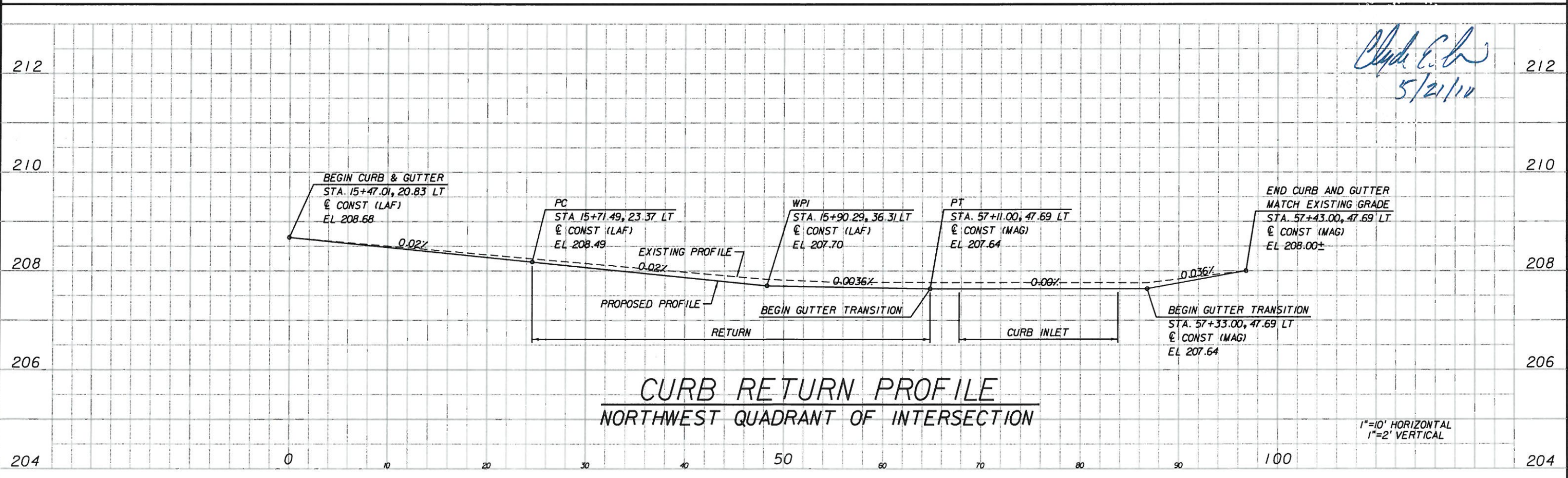
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NOTE:  
PGL ESTABLISHED FOR RESURFACING CROWN POINT ON  
TYPICAL SECTION VARIES FROM C/L OF CONSTRUCTION.

1"=20' HORIZONTAL  
1"=2' VERTICAL



**CURB RETURN PROFILE**  
NORTHWEST QUADRANT OF INTERSECTION

1"=10' HORIZONTAL  
1"=2' VERTICAL

*Clayton E. Co.*  
5/21/10

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CITY OF  
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**PROFILE SHEET 2**

SHEET NO.  
14



CITY OF TALLAHASSEE  
DEPARTMENT OF PUBLIC WORKS

CROSS SECTION SOIL SURVEY FOR THE DESIGN OF ROADS

SURVEY BEGINS STA. : 12+70.32 SURVEY ENDS STA. : 21+40.00

DATE OF SURVEY: 10/03/2007

SURVEY MADE BY: ENVIRONMENTAL AND GEOTECHNICAL  
SPECIALISTS, INC.

SUBMITTED BY: M. HAYDEN, P.E.

MATERIAL/ STRATUM NO.	ORGANIC CONTENT			SIEVE ANALYSIS RESULTS PERCENT PASS						ATTERBERG LIMITS (%)			DESCRIPTION	
	NO. OF TESTS	% ORGANIC	MOISTURE CONTENT	NO. OF TESTS	10 MESH	40 MESH	60 MESH	100 MESH	200 MESH	NO. OF TESTS	LIQUID LIMIT	PLASTIC INDEX		AASHTO GROUP
1	--	--	--	1	100	89	52	25	14	--	--	--	A-2-4	SILTY FINE SAND
2	--	--	--	1	100	89	70	46	29	--	--	--	A-2-6	CLAYEY FINE SAND
3	--	--	--	1	97	89	70	54	40	1	20	11	A-6	CLAYEY SAND
4	--	--	--	3	98-100	95	83-88	67-70	51-56	2	34-38	15-18	A-6	SANDY CLAY

MATERIAL NOTES

MATERIALS utilized in embankment construction should be "SELECT FILL" soils.

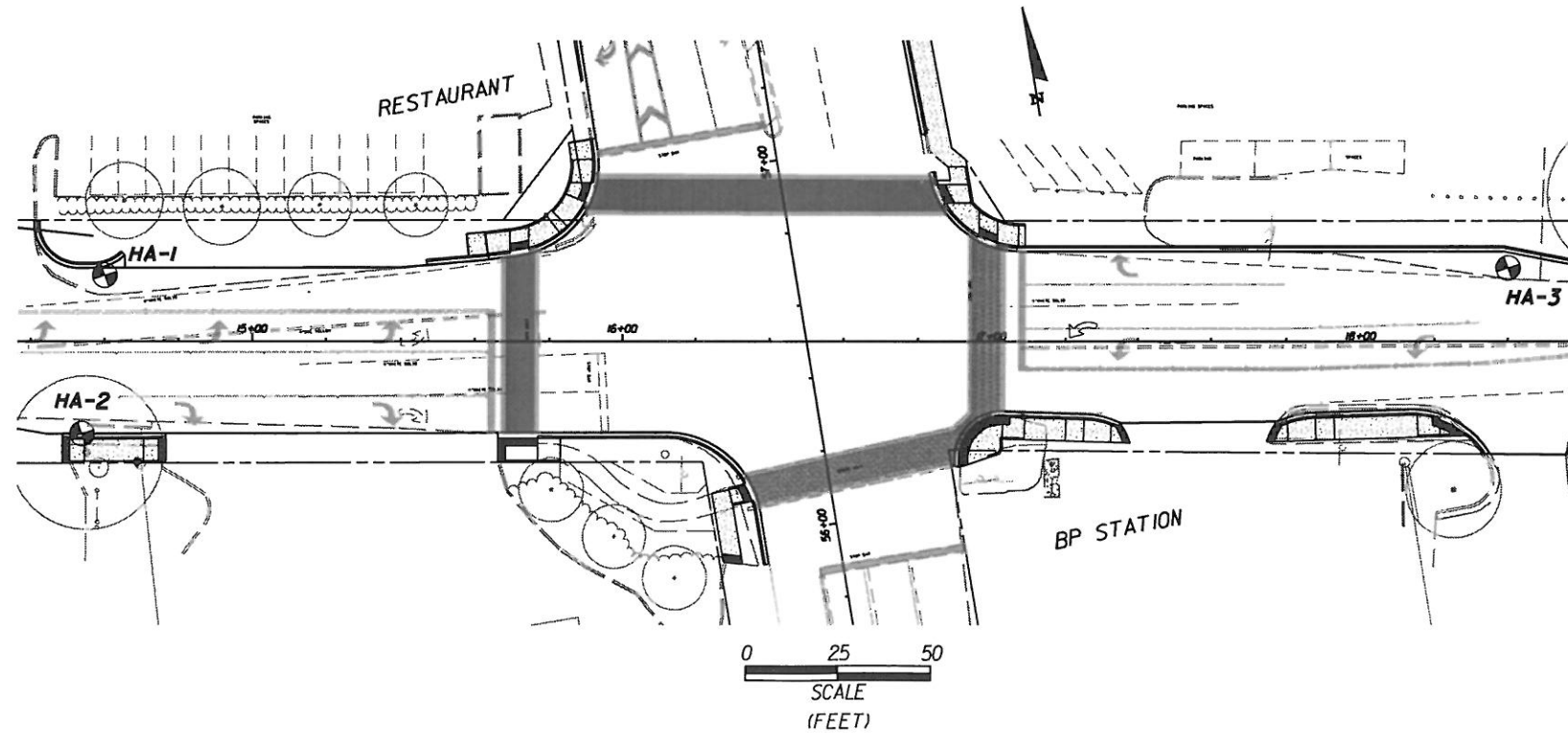
MATERIAL 1 is a "SELECT FILL" soil and is suitable for use as embankment fill.

MATERIALS 2, 3, and 4 are "PLASTIC" soils and are unsuitable for use as compacted fill within four (4) feet of the roadway base. If these materials are used within the project limits, they will be very difficult to compact when wet.

MATERIALS 1 and 2 may be used as compacted backfill in the soil envelope and top zone for pipe culverts, provided the required compaction can be obtained.

MATERIALS 3 and 4 should not be used as fill in Bedding and Cover Zones of the soil envelope for pipe backfill.

EMBANKMENT AND SUBGRADE MATERIAL  
STRATA BOUNDARIES ARE APPROXIMATE. MAKE FINAL CHECK AFTER GRADING.  
▽ - WATER TABLE ENCOUNTERED  
GNE - GROUND WATER NOT ENCOUNTERED.



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MYRON L. HAYDEN, P.E. P.E. NO.: 34067  
Environmental & Geotechnical Specialists, Inc.  
**EGS**  
3154 Eliza Road  
Tallahassee, Florida 32308  
Office : (850) 386-1253  
Fax : (850) 385-8050  
Certificate of Authorization: 6222

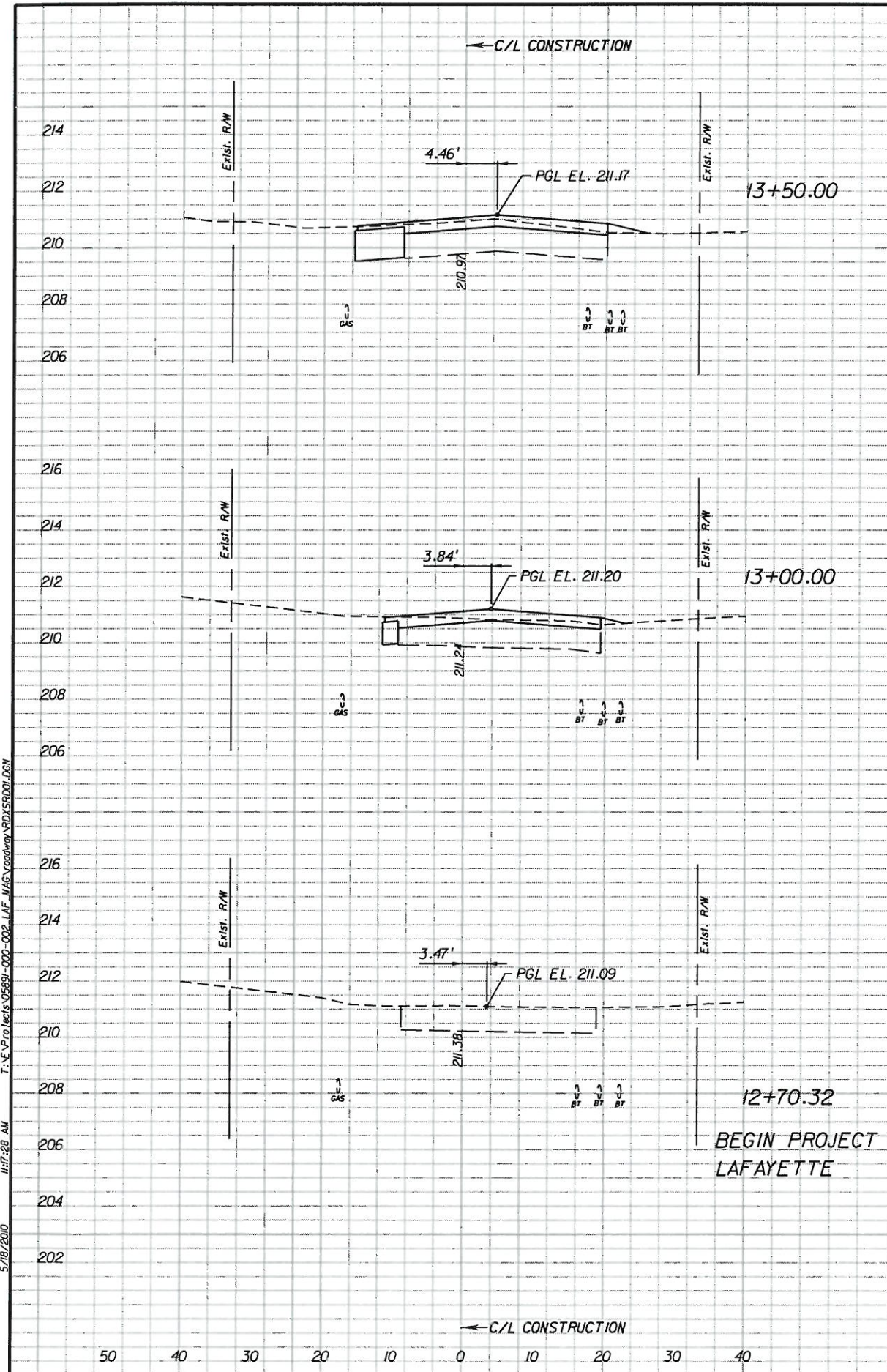


**ROADWAY SOILS SURVEY**  
**CR 2196 (EAST LAFAYETTE ST)**  
**AT SR 265 (MAGNOLIA DR)**

SHEET  
NO.  
15

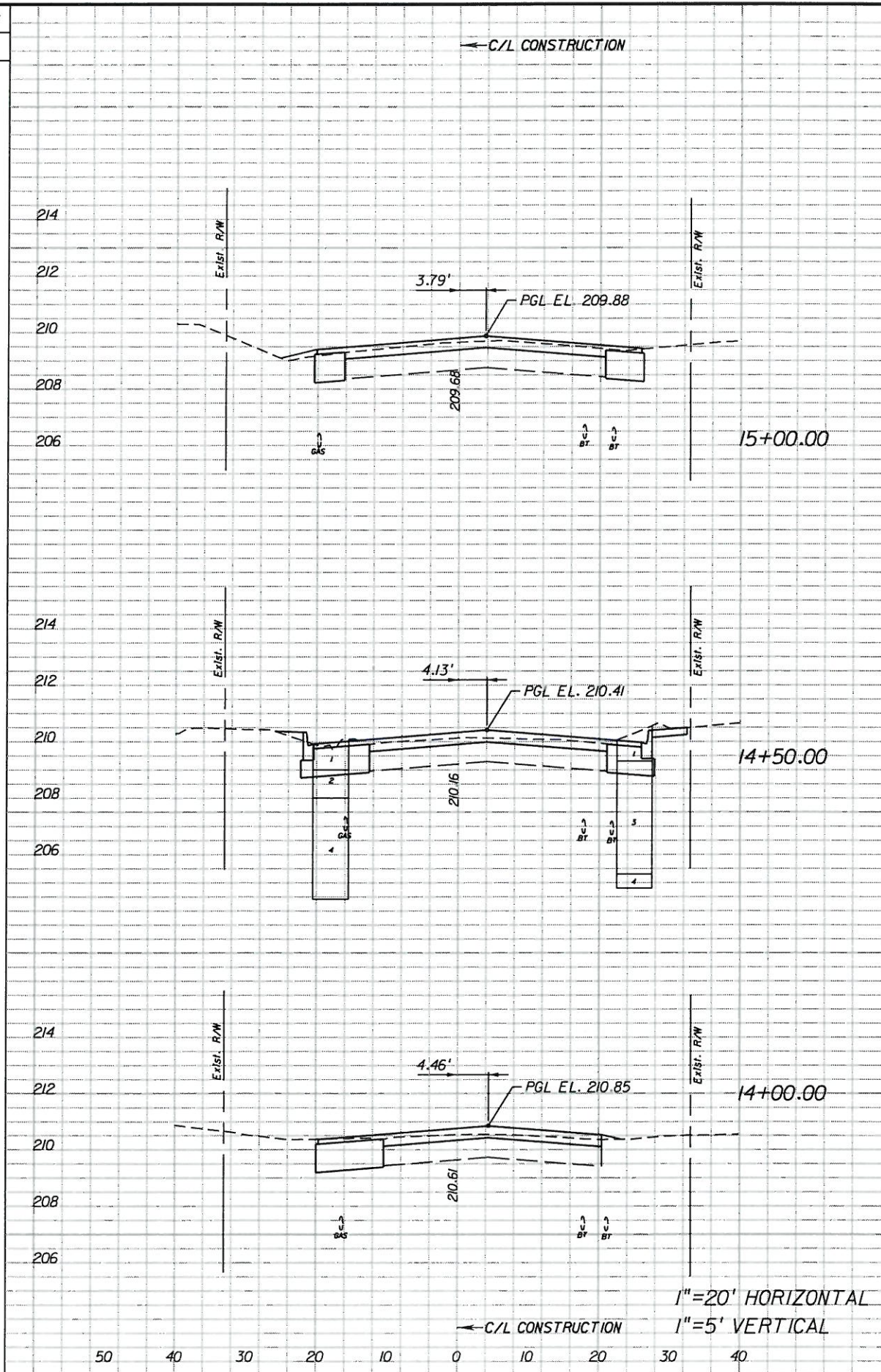


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Regular		Exc.		Embankment	
A	V	A	V	A	V

*Chad E. C.*  
5/21/10



Regular		Exc.		Embankment	
A	V	A	V	A	V

1" = 20' HORIZONTAL  
1" = 5' VERTICAL

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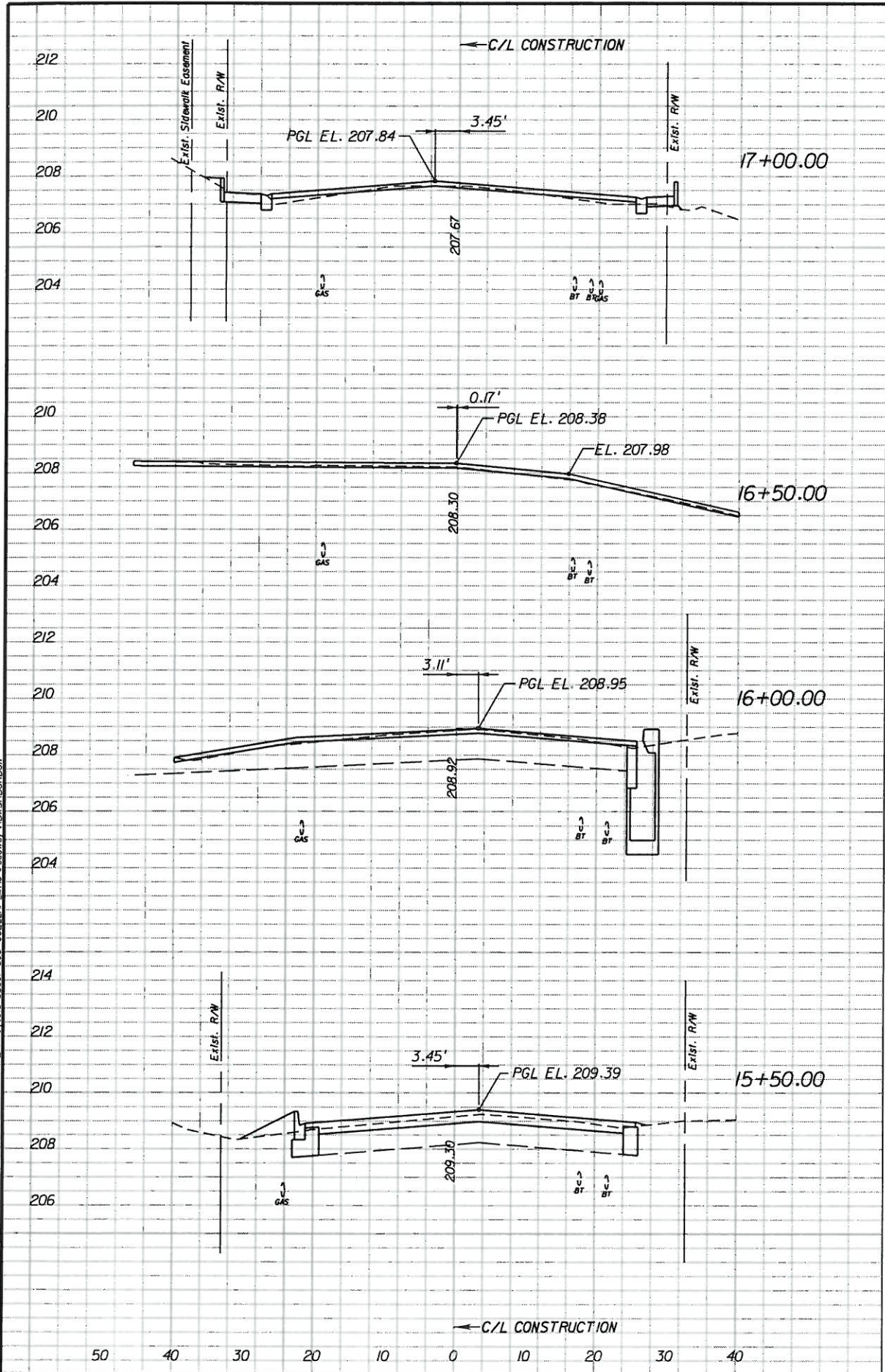


**CROSS SECTIONS**

SHEET NO.  
16

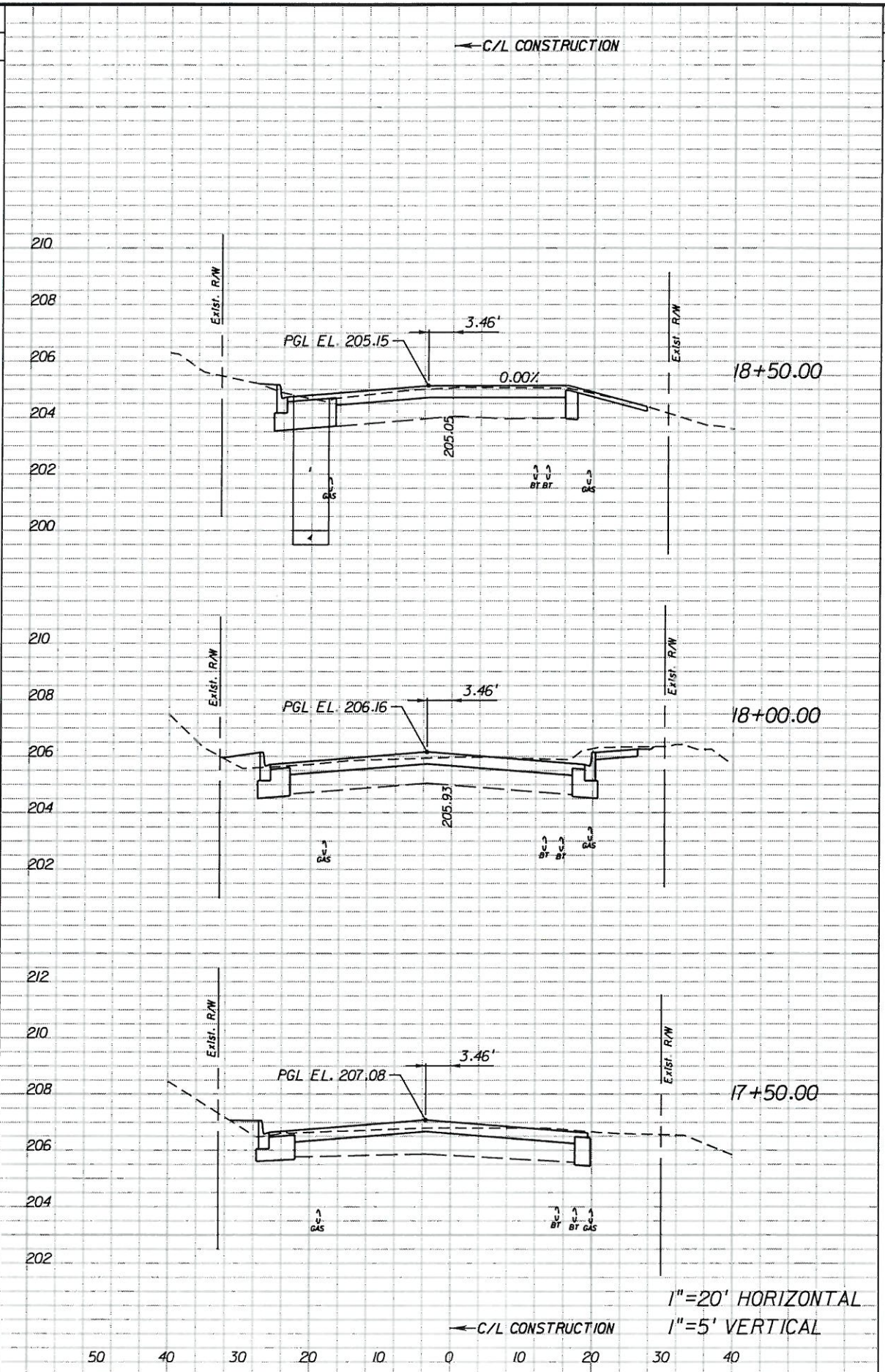


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Regular		Exc.		Embankment	
A	V	A	V	A	V

*Chad Edwards*  
5/21/10



Regular		Exc.		Embankment	
A	V	A	V	A	V

1" = 20' HORIZONTAL  
1" = 5' VERTICAL

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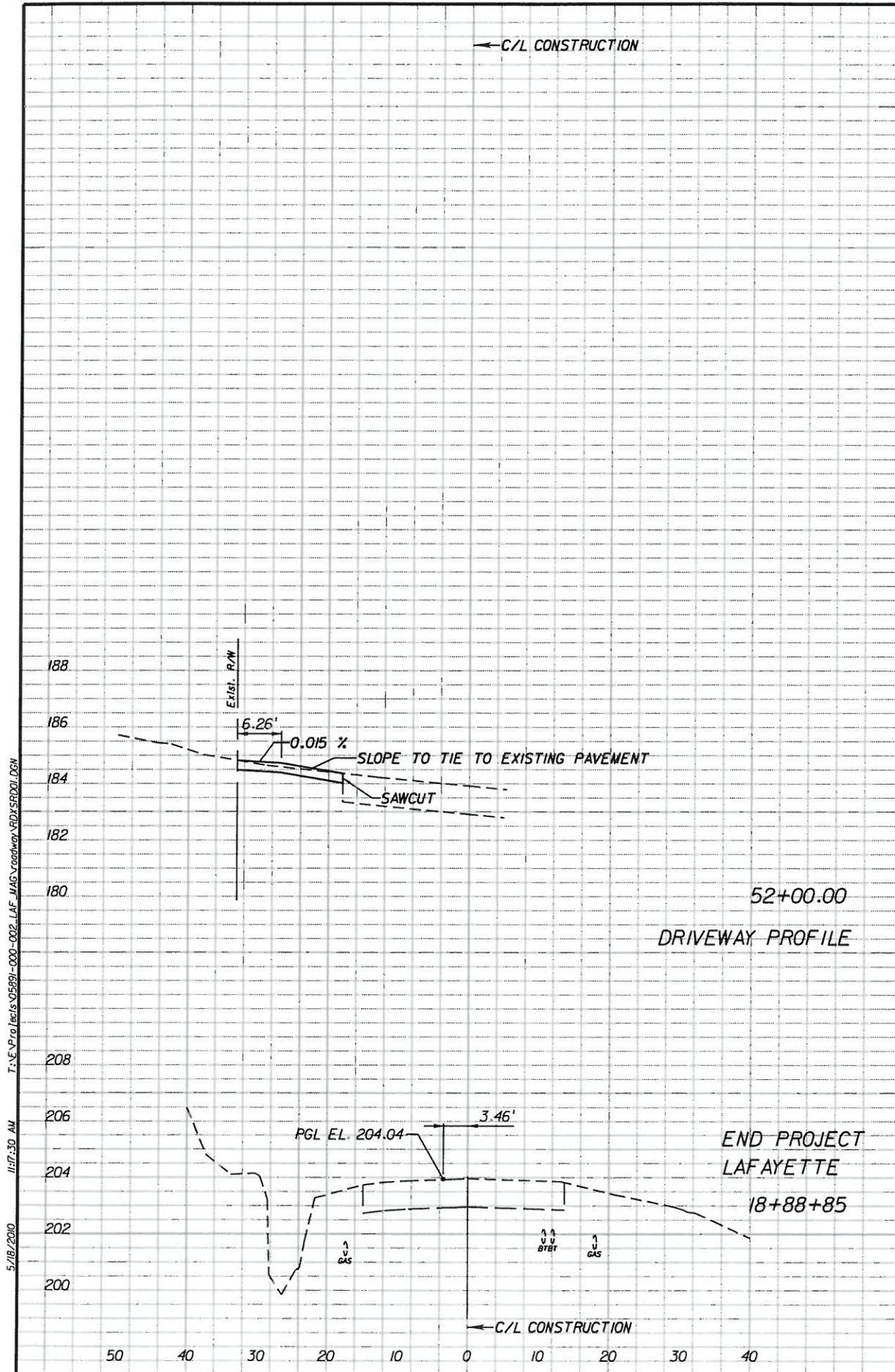
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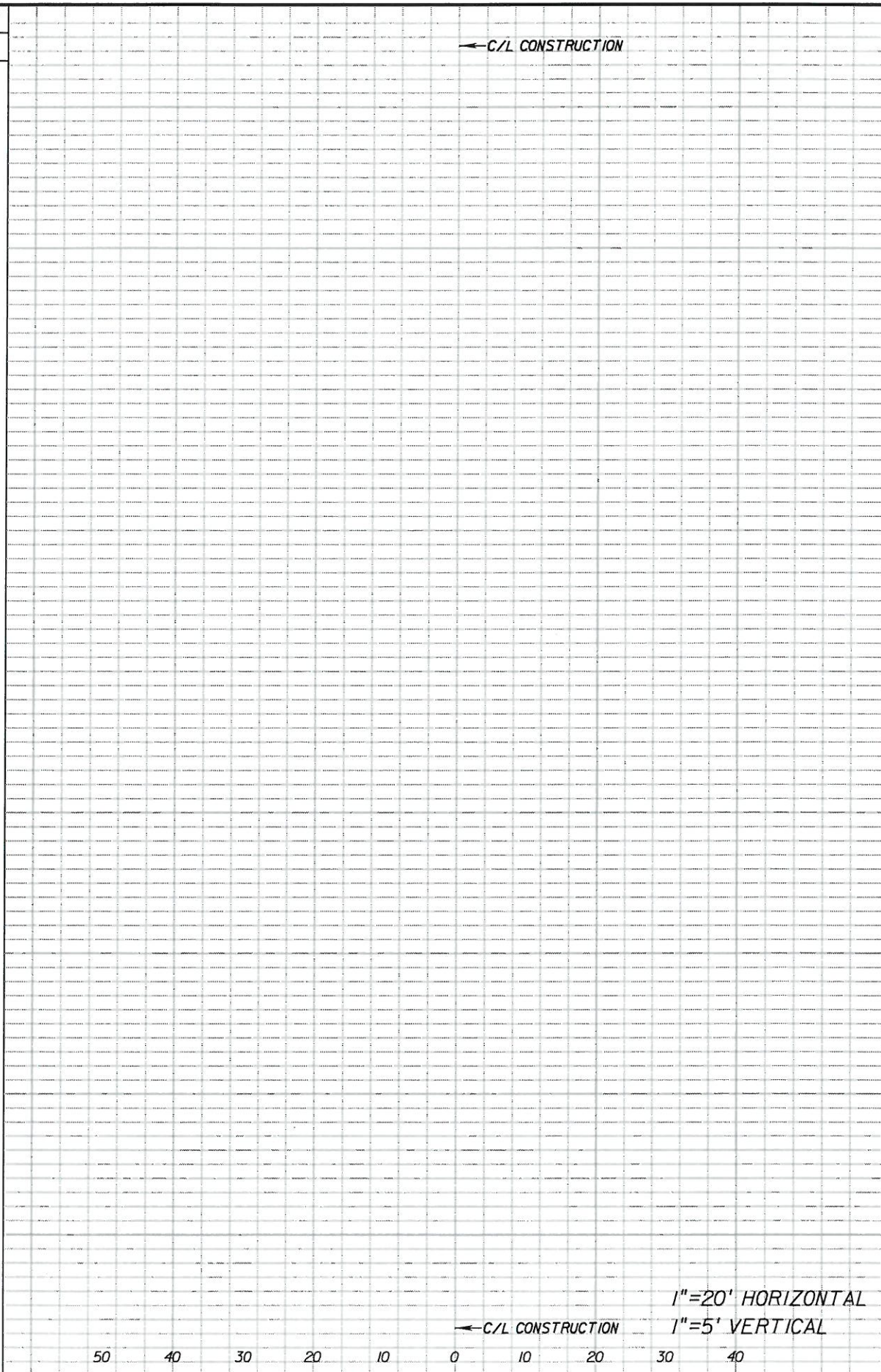
CITY OF  
**TALLAHASSEE**  
CROSS SECTIONS

SHEET NO.  
17





Regular		Exc.		Embankment	
A	V	A	V	A	V



Regular		Exc.		Embankment	
A	V	A	V	A	V

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**CITY OF TALLAHASSEE**  
**CROSS SECTIONS**

SHEET NO.  
 18



TRAFFIC CONTROLS PLAN (TCP) GENERAL NOTES:

1. TRAFFIC SHALL BE MAINTAINED ALONG LAFAYETTE STREET AND MAGNOLIA DRIVE DURING ALL PROJECT CONSTRUCTION ACTIVITIES IN ACCORDANCE WITH FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) DESIGN STANDARD INDEX NUMBERS, 600, 604, 605, 615 AND 660 AND ALSO PART 6 OF THE FHWA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), 2009 EDITION. FOR APPLICABLE MUTCD EXAMPLES, REFER TO FIGURES 6H-3, 6H-6, 6H-11, 6H-28, 6H-29.
2. THE CITY OF TALLAHASSEE STAR METRO BUS STOPS SHALL REMAIN OPERABLE AT ALL TIMES.
3. THE CONTRACTOR SHALL PROVIDE A WORKSITE TRAFFIC SUPERVISOR IN ACCORDANCE WITH SECTION 102 AND 105 OF FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
4. THE CONTRACTOR SHALL SUBMIT FOR APPROVAL ANY PROPOSED LANE CLOSURES TO THE CITY OF TALLAHASSEE TRAFFIC ENGINEERING DIVISION AT LEAST ONE WEEK IN ADVANCE.
5. NO LANE CLOSURES WILL BE ALLOWED DURING PEAK TRAFFIC HOURS: MORNING 7AM - 9AM, EVENING 4PM TO 6PM.
6. THE CONTRACTOR SHALL SUBMIT TO THE CITY OF TALLAHASSEE, TRAFFIC ENGINEERING DIVISION AT LEAST 48 HOURS PRIOR TO BEGINNING WORK THE FOLLOWING INFORMATION:
  - A. INSURANCE COMPANY NAME, POLICY NUMBER, ADDRESS, PHONE NUMBER, CONTACT PERSON,
  - B. PROJECT SUPERINTENDENT'S NAME, PHONE NUMBER,
  - C. WORKSITE TRAFFIC SUPERVISOR'S NAME, PHONE NUMBER,
  - D. LIST OF WORK LOCATIONS AND DATES.
7. THE IMPROVEMENTS TO THE INTERSECTION SHALL INCLUDE AND NOT BE LIMITED TO THE FOLLOWING BASIC CONSTRUCTION OPERATIONS:
  - A. CLEARING, GRUBBING, EXCAVATION AND EMBANKMENT,
  - B. ADDITIONAL (WIDENING) PAVEMENT, INCLUDING STABILIZATION AND OPTIONAL BASE MATERIAL,
  - C. CURB AND GUTTER,
  - D. DRIVEWAY TURNOUTS,
  - E. SIDEWALK,
  - F. CURB CUT RAMPS,
  - G. REMOVAL AND INSTALLATION OF SIGNALIZATION EQUIPMENT,
  - H. MILLING AND RESURFACING OF EXISTING PAVEMENT,
  - I. SIGNING AND PAVEMENT MARKINGS REMOVAL AND/OR RELOCATION/INSTALLATION.
8. THESE VARIOUS OPERATIONS CAN BE ACCOMPLISHED AT SPECIFIED LOCATIONS USING A FIVE PHASE CONSTRUCTION APPROACH WHILE MAINTAINING TRAFFIC THROUGH THE INTERSECTION AT ALL TIMES DURING THE CONSTRUCTION DURATION. EACH PHASE HAS BEEN OUTLINED IN GENERAL IN THESE TCP'S.
9. ALL PAVEMENT MARKINGS SHOWN ON THE TCP'S SHALL BE TEMPORARY PAINT OR REMOVABLE TAPE.
10. ALL WORK ZONE AREAS SHOWN ON THESE TCP'S SHALL BE DELINEATED IN THE FIELD BY CHANNELIZING DEVICES AND SIGNS IN ACCORDANCE WITH INDEX 600.
11. THE CONTRACTOR MAY CHOOSE TO SUBMIT A SEPARATE TCP TO THE COT FOR APPROVAL TO BE USED IN LIEU OF THE PLANS PROVIDED HEREWITH. THESE PLANS MUST BE SIGNED AND SEALED BY A REGISTERED PROFESSIONAL ENGINEER.

PHASE I - WORK IN INTERSECTION, REPLACE SIGNALS

- 1.1 CONSTRUCT NEW FOUNDATIONS FOR THE SIGNAL MAST ARM POLES IN EACH OF THE FOUR QUADRANTS OF THE INTERSECTION OFF OF THE EXISTING TRAVEL LANES. MINIMAL IMPACTS TO TRAFFIC ARE ANTICIPATED DURING THIS OPERATION. ONCE THE POLES ARE ERECTED AND THE MAST ARMS ARE ATTACHED, THE NEW SIGNAL HEADS CAN BE INSTALLED (INDEX 604 AND 605). ONCE THE NEW EQUIPMENT IS OPERATIONAL, THE EXISTING SIGNALS, SPAN WIRE AND STRAIN POLES CAN BE REMOVED.

*Clyde E. ...*  
5/21/10

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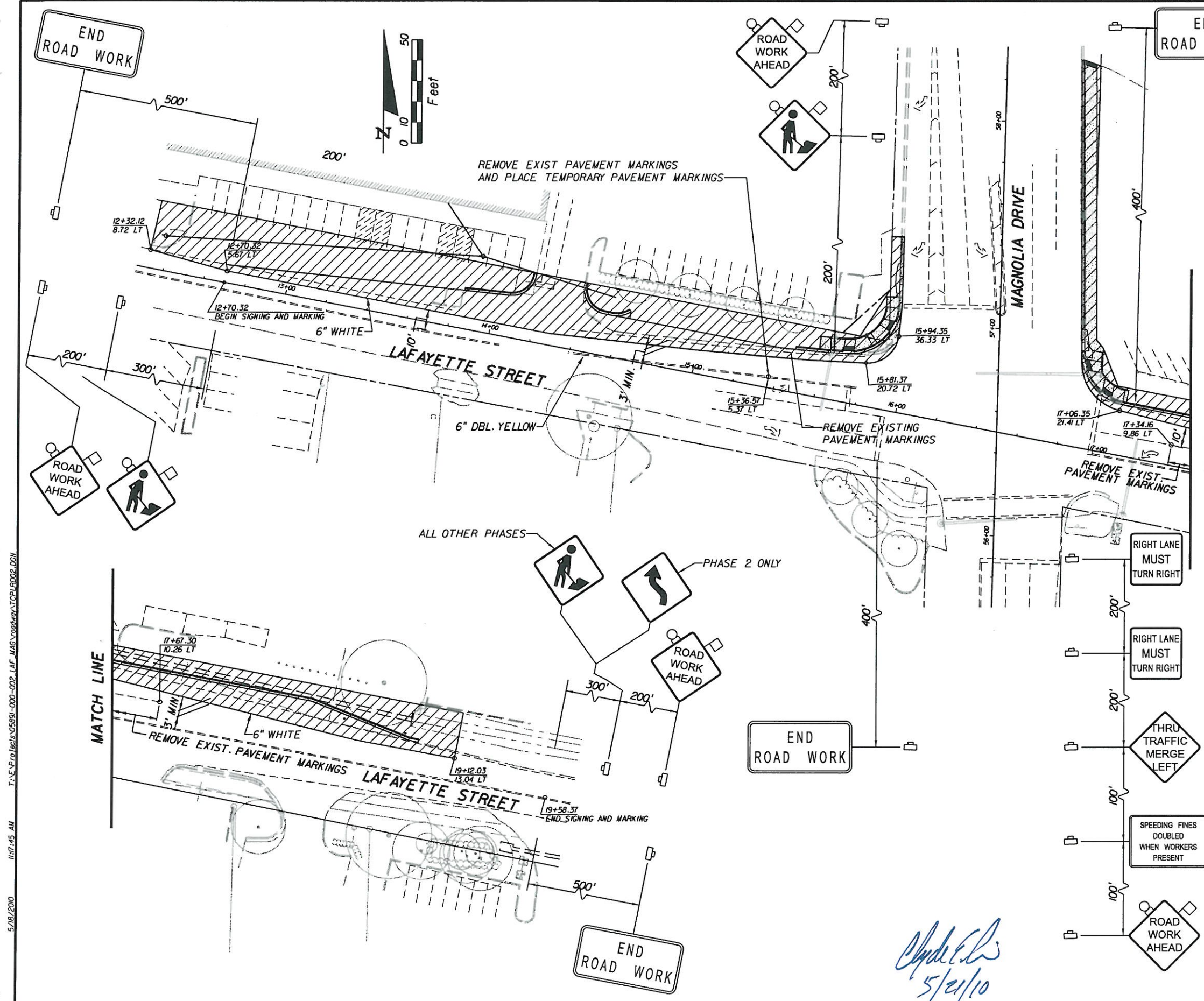
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**TRAFFIC CONTROL PLAN  
GENERAL NOTES AND PHASE I**

SHEET NO.  
19





- PHASE 2 - NORTH SIDE LAFAYETTE STREET WIDENING IMPROVEMENTS**
- 2.1. MAINTAIN TWO-LANE, TWO-WAY TRAFFIC ALONG LAFAYETTE STREET USING AT LEAST 24 FEET OF EXISTING PAVEMENT ON THE SOUTH SECTION OF THE STREET.
  - 2.2. INSTALL PHASE 2 WORK ZONE DELINEATION, PAVEMENT MARKINGS AND CONSTRUCTION SIGNING AS SHOWN AND PER FDOT INDEX NO. 600, 602, AND 616. DROP-OFFS SHALL BE PROTECTED IN ACCORDANCE WITH INDEX NO. 600 USING LOW PROFILE BARRIER PER FDOT INDEX NO. 412.
  - 2.3. CONSTRUCT WIDENING PAVEMENT (WITH EXCEPTION OF THE FINAL STRUCTURAL COURSE SURFACE), CURB AND GUTTER AND CURB RAMPS ON THE NORTH SIDE OF LAFAYETTE.
  - 2.4. WHEN TWO-LANE, TWO WAY TRAFFIC IS NOT TEMPORARILY FEASIBLE, PROVIDE FOR ONE-LANE ACCESS (MINIMUM) FOR TWO-LANE TWO-WAY CROSS STREETS IN ACCORDANCE WITH INDEX NOS. 604, 605 AND 615.
  - 2.5 MAINTAIN BUSINESS ENTRANCES PER FDOT INDEX NO. 600. NOTIFY AND COORDINATE WITH ADJACENT BUSINESS OWNERS AND TENANTS.

**LEGEND:**  
 WORK ZONE

*Charles E. ...*  
 5/21/10

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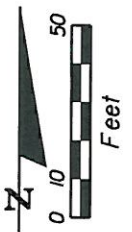
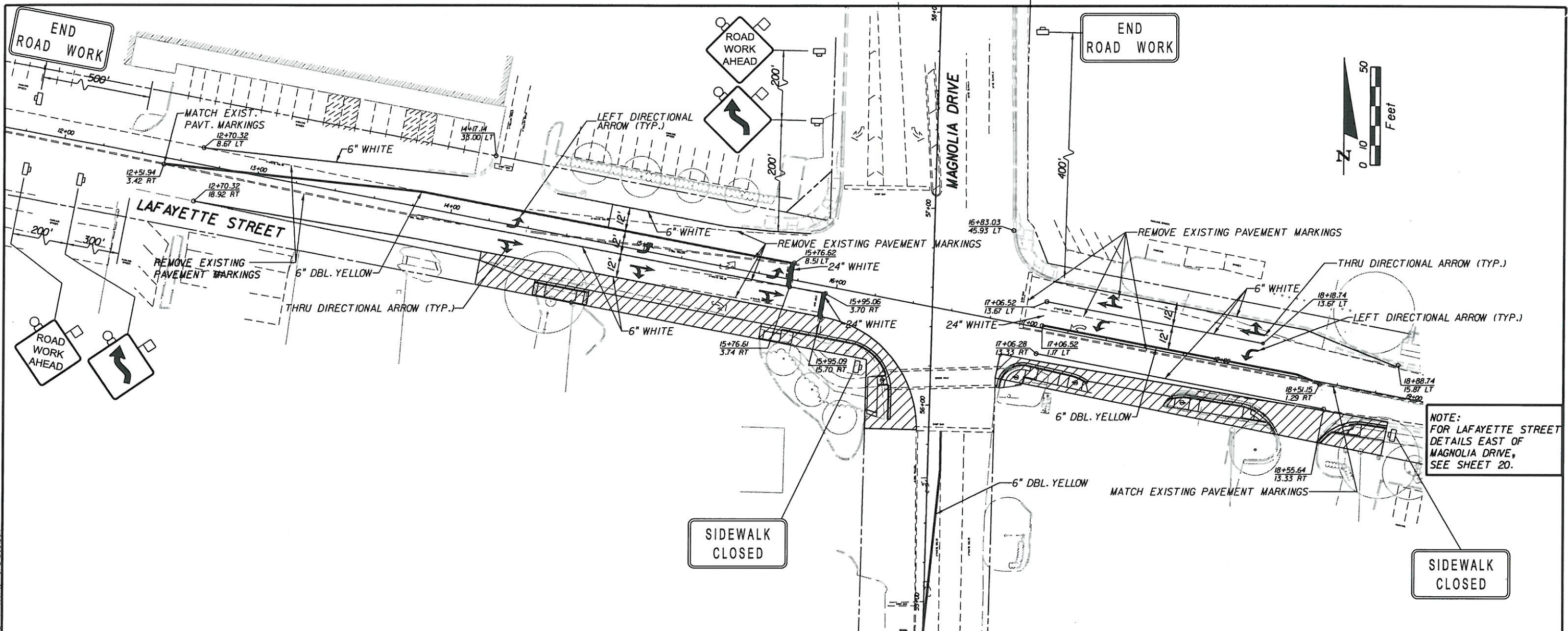
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**TRAFFIC CONTROL PLAN**  
**PHASE 2**

SHEET NO.  
 20





NOTE:  
FOR LAFAYETTE STREET  
DETAILS EAST OF  
MAGNOLIA DRIVE,  
SEE SHEET 20.

- PHASE 3 - SOUTHSIDE LAFAYETTE STREET WIDENING IMPROVEMENTS**
- 3.1. MAINTAIN TWO-LANE, TWO-WAY TRAFFIC ALONG LAFAYETTE STREET USING AT LEAST 24 FEET OF EXISTING AND NEW PAVEMENT ON THE NORTH SECTION OF THE STREET.
  - 3.2. INSTALL PHASE 3 WORK ZONE DELINEATION, PAVEMENT MARKINGS AND CONSTRUCTION SIGNING AS SHOWN AND PER FDOT INDEX NO. 600, 602, AND 616. DROP-OFFS SHALL BE PROTECTED IN ACCORDANCE WITH INDEX NO. 600 USING LOW PROFILE BARRIER PER FDOT INDEX NO. 412.
  - 3.3. RE-ROUTE THROUGH TRAFFIC TO THE WIDENED PAVEMENT AND A PORTION OF THE EXISTING PAVEMENT.
  - 3.4. CONSTRUCT WIDENING PAVEMENT (WITH EXCEPTION OF THE FINAL STRUCTURAL COURSE SURFACE), CURB AND GUTTER, DRAINAGE IMPROVEMENTS, SIDEWALK AND CURB RAMPS ON THE SOUTH SIDE OF LAFAYETTE STREET.
  - 3.5. RE-MARK THE EXISTING AND NEW PAVEMENT IN ACCORDANCE WITH THE PHASE 4 TCP ALONG LAFAYETTE STREET.
  - 3.6. RE-ROUTE THROUGH TRAFFIC TO THE WIDENING PAVEMENT AND EXISTING PAVEMENT. THESE WILL BE TEMPORARY PAVEMENT MARKINGS CONFIGURED IN THE FINAL DESIGN LANE CONFIGURATIONS.
  - 3.7. WHEN TWO LANE, TWO WAY TRAFFIC IS NOT TEMPORARILY FEASIBLE, PROVIDE FOR ONE-LANE ACCESS (MINIMUM) FOR TWO LANE TWO-WAY CROSS STREETS IN ACCORDANCE WITH INDEX NOS. 604, 605 AND 615.

*Clyde E. ...*  
5/21/10

LEGEND:  
 WORK ZONE

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CITY OF  
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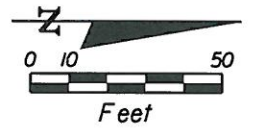
**TRAFFIC CONTROL PLAN**  
**PHASE 3**

SHEET NO.  
 21

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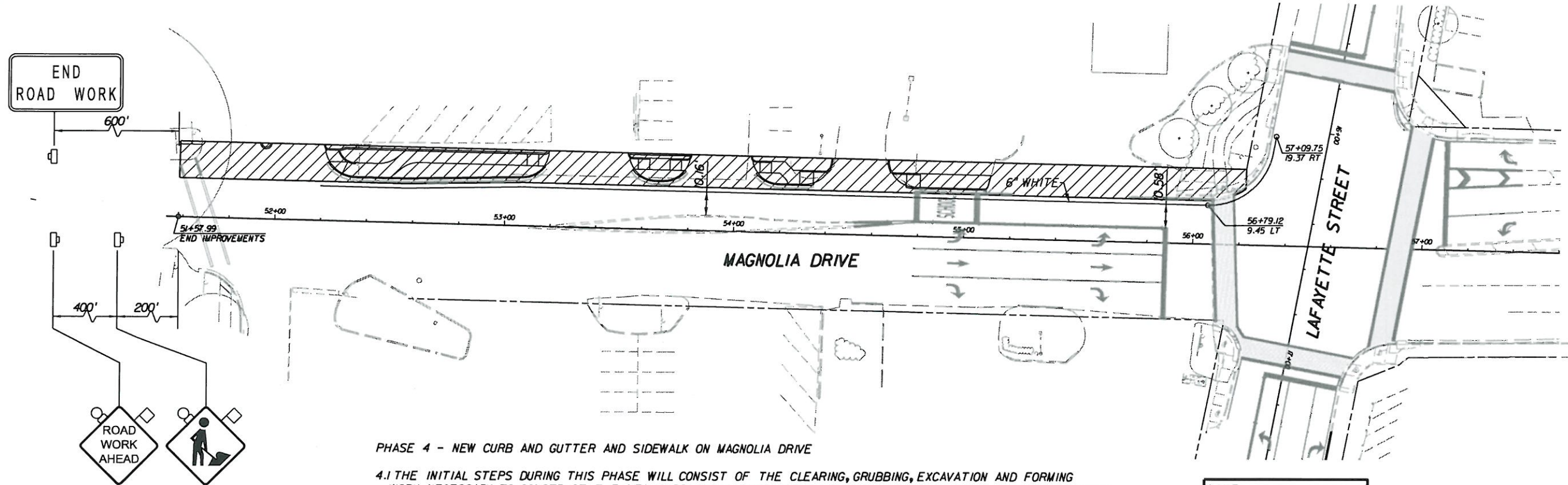


NOTE:  
FOR LAFAYETTE STREET  
DETAILS WEST OF  
MAGNOLIA DRIVE,  
SEE SHEET 20.



NOTE:  
FOR MAGNOLIA DRIVE DETAILS  
NORTH OF LAFAYETTE STREET,  
SEE SHEET 21.

END  
ROAD WORK



**PHASE 4 - NEW CURB AND GUTTER AND SIDEWALK ON MAGNOLIA DRIVE**

- 4.1 THE INITIAL STEPS DURING THIS PHASE WILL CONSIST OF THE CLEARING, GRUBBING, EXCAVATION AND FORMING WORK NECESSARY TO CONSTRUCT THE NEW CURB AND GUTTER AND SIDEWALK ON MAGNOLIA DRIVE. EXISTING TRAFFIC ALONG MAGNOLIA DRIVE WILL BE MAINTAINED PER INDEX 602 AND 603 AS REQUIRED. DROP-OFFS SHALL BE PROTECTED IN ACCORDANCE WITH INDEX NO. 600 USING LOW PROFILE BARRIER PER FDOT INDEX NO. 412.
- 4.2 INSTALL PHASE 4 WORK ZONE DELINEATION, PAVEMENT MARKINGS AND CONSTRUCTION.
- 4.3 RE-ROUTE TRAFFIC ONTO THE REMAINING THREE LANES OF MAGNOLIA USING THE EXISTING LEFT TURN LANE AS THE TEMPORARY SOUTHBOUND LANE (INDEX 603).
- 4.4 CONSTRUCT NEW CURB AND GUTTER, DRAINAGE IMPROVEMENTS, CURB RAMPS AND SIDEWALK ALONG MAGNOLIA DRIVE.

**PHASE 5 - MILLING, RESURFACING SIGNING AND MARKINGS**

- 5.1 BEGIN MILLING AND RESURFACING OPERATIONS ALONG LAFAYETTE STREET CLOSING ONLY ONE LANE AT A TIME. SIDE STREET TRAFFIC WILL BE MAINTAINED. THROUGH AND CROSS TRAFFIC TO BE CONTROLLED IN ACCORDANCE WITH INDEX NOS. 604, 605 AND 615. DROP-OFFS SHALL BE PROTECTED IN ACCORDANCE WITH INDEX NO. 600 USING LOW PROFILE BARRIER PER FDOT INDEX NO. 412. WHEN RE-ROUTING IS NOT POSSIBLE, PROVIDE ONE-LANE ACCESS (MINIMUM) FOR TWO-LANE TWO-WAY CROSS STREETS IN ACCORDANCE WITH INDEX NOS. 604, 605, 615, AND 616.
- 5.2 INSTALL FINAL SIGNING AND PERMANENT PAVEMENT MARKINGS PER CONSTRUCTION CONTRACT PLANS.

NOTE:  
FOR LAFAYETTE STREET  
DETAILS EAST OF  
MAGNOLIA DRIVE,  
SEE SHEET 20.

LEGEND:  
 WORK ZONE

*Clyde Ellis*  
5/21/10

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**TRAFFIC CONTROL PLAN  
PHASE 4 AND PHASE 5**

SHEET  
NO.  
22







2.C.2 OFF-SITE VEHICLE TRACKING & DUST CONTROL:

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED METHODS FOR MINIMIZING OFF-SITE VEHICLE TRACKING OF SEDIMENTS AND GENERATING DUST. THE PROPOSED METHODS SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE CITY OF TALLAHASSEE.

- \* COVERING LOADED HAUL TRUCKS WITH TARPULINS.
- \* REMOVING EXCESS DIRT FROM ROADS DAILY.
- \* STABILIZING CONSTRUCTION ENTRANCES ACCORDING TO DESIGN STANDARD 106.
- \* USING ROADWAY SWEEPERS DURING DUST GENERATING ACTIVITIES SUCH AS EXCAVATION AND MILLING OPERATIONS.

2.C.3 STATE AND LOCAL REGULATIONS FOR WASTE DISPOSAL, SANITARY SEWER, OR SEPTIC TANK REGULATIONS:

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED PROCEDURES TO COMPLY WITH APPLICABLE STATE AND LOCAL REGULATIONS FOR WASTE DISPOSAL, AND SANITARY SEWER OR SEPTIC SYSTEMS.

2.C.4 FERTILIZERS AND PESTICIDES:

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROCEDURES FOR APPLYING FERTILIZERS AND PESTICIDES. THE PROPOSED PROCEDURES SHALL COMPLY WITH APPLICABLE SUBSECTIONS OF EITHER SECTION 570 OR 575 OF THE SPECIFICATIONS.

2.C.5 TOXIC SUBSTANCES:

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL PROVIDE A LIST OF TOXIC SUBSTANCES THAT ARE LIKELY TO BE USED ON THE JOB AND PROVIDE A PLAN ADDRESSING THE GENERATION, APPLICATION, MIGRATION, STORAGE, AND DISPOSAL OF THESE SUBSTANCES.

2.D.4 APPROVED STATE AND LOCAL PLANS AND PERMITS:

- \* COT-NFI/EIA TREE AND STORMWATER APPROVAL LETTER DATED JUNE 7, 2007.
- \* DEP AND MFWMD STORMWATER PERMITTING EXEMPTION PER SECTION 3.4.2.4 OF DEP ERP APPLICANT'S HANDBOOK, VOLUME 1.
- \* CLEARANCE LETTER FROM STATE HISTORICAL PRESERVATION OFFICE.

3.0 MAINTENANCE:

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL PROVIDE A PLAN FOR MAINTAINING ALL EROSION AND SEDIMENT CONTROLS THROUGHOUT CONSTRUCTION. THE MAINTENANCE PLAN SHALL, AT A MINIMUM, COMPLY WITH THE FOLLOWING.

- \* SILT FENCE: MAINTAIN PER SECTION 104. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY. SEDIMENT DEPOSITS SHALL BE REMOVED WHEN THEY REACH APPROXIMATELY ONE-QUARTER OF THE HEIGHT OF THE BARRIER. THE CONTRACTOR SHOULD ANTICIPATE REPLACING SILT FENCE ON 6-MONTH INTERVALS.
- \* BALED HAY OR STRAW: REMOVE SEDIMENT WHEN IT REACHES 1/2 HEIGHT OF BALES OR WHEN WATER PONDS IN UNACCEPTABLE AMOUNTS OR AREAS. THE CONTRACTOR SHOULD ANTICIPATE REPLACING STRAW BALES ON 3-MONTH INTERVALS.
- \* AREAS OF SEED AND MULCH OR SOD: BARE AREAS OF THE SITE THAT WERE PREVIOUSLY SEEDED SHALL BE RE-SEEDED AND MULCHED AS REQUIRED TO ESTABLISH AND MAINTAIN APPROPRIATE GROUND COVER. MULCH AND/OR SOD THAT HAS BEEN WASHED OUT SHALL BE REPLACED IMMEDIATELY.

4.0 INSPECTIONS:

QUALIFIED PERSONNEL SHALL INSPECT THE FOLLOWING ITEMS AT LEAST ONCE EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM EVENT THAT IS 0.5 INCHES OR GREATER. TO COMPLY, THE CONTRACTOR SHALL INSTALL AND MAINTAIN RAIN GAGES AND RECORD THE DAILY RAINFALL. WHERE SITES HAVE BEEN PERMANENTLY STABILIZED, INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY TWO WEEKS UNTIL THE NOTICE OF TERMINATION IS FILED. THE CONTRACTOR SHALL ALSO INSPECT THAT CONTROLS INSTALLED IN THE FIELD AGREE WITH THE LATEST STORMWATER POLLUTION PREVENTION PLAN.

- \* POINTS OF DISCHARGE TO MUNICIPAL SEPARATE STORM SEWER SYSTEMS.
- \* DISTURBED AREAS OF THE SITE THAT HAVE NOT BEEN FINALLY STABILIZED.
- \* AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION.
- \* STRUCTURAL CONTROLS.
- \* STORMWATER MANAGEMENT SYSTEMS AND FACILITIES.
- \* LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE.

THE CONTRACTOR SHALL INITIATE REPAIRS WITHIN 24 HOURS OF INSPECTIONS THAT INDICATE ITEMS ARE NOT IN GOOD WORKING ORDER.

IF INSPECTIONS INDICATE THAT THE INSTALLED STABILIZATION AND STRUCTURAL PRACTICES ARE NOT SUFFICIENT TO MINIMIZE EROSION, RETAIN SEDIMENT, AND PREVENT DISCHARGING POLLUTANTS, THE CONTRACTOR SHALL PROVIDE ADDITIONAL MEASURES, AS APPROVED BY THE CITY OF TALLAHASSEE.

5.0 NON-STORMWATER DISCHARGES:

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL IDENTIFY ALL ANTICIPATED NON-STORMWATER DISCHARGES (EXCEPT FLOWS FROM FIRE FIGHTING ACTIVITIES). THE CONTRACTOR SHALL DESCRIBE THE PROPOSED MEASURES TO PREVENT POLLUTION ARISING FROM THESE NON-STORMWATER DISCHARGES. IF THE CONTRACTOR ENCOUNTERS CONTAMINATED SOIL OR GROUNDWATER, CONTACT THE CITY OF TALLAHASSEE PROJECT MANAGER AND THE PROJECT ENGINEER IMMEDIATELY.

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*Clyde E. ...*  
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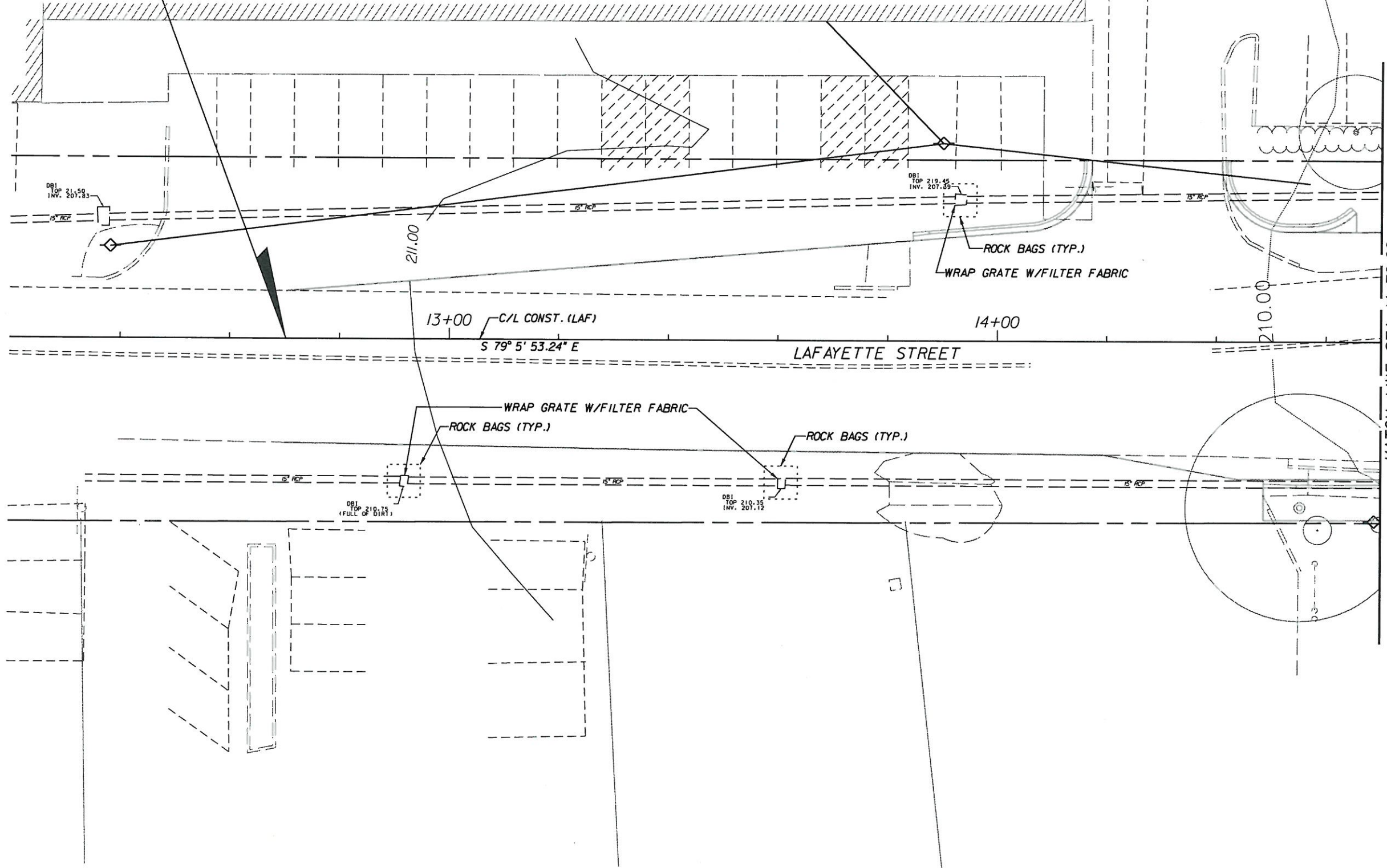
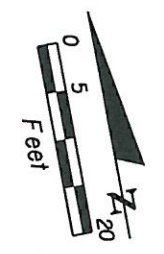


**STORMWATER POLLUTION PREVENTION PLAN**



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BEGIN PROJECT  
STA. 12+70.32



MATCH LINE STA. 14+70.00  
SHEET 26

*Charles E. Ellis*  
5/21/10

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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**CITY OF TALLAHASSEE**

**EROSION CONTROL PLAN**

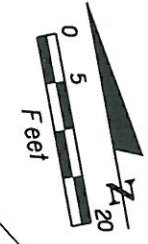
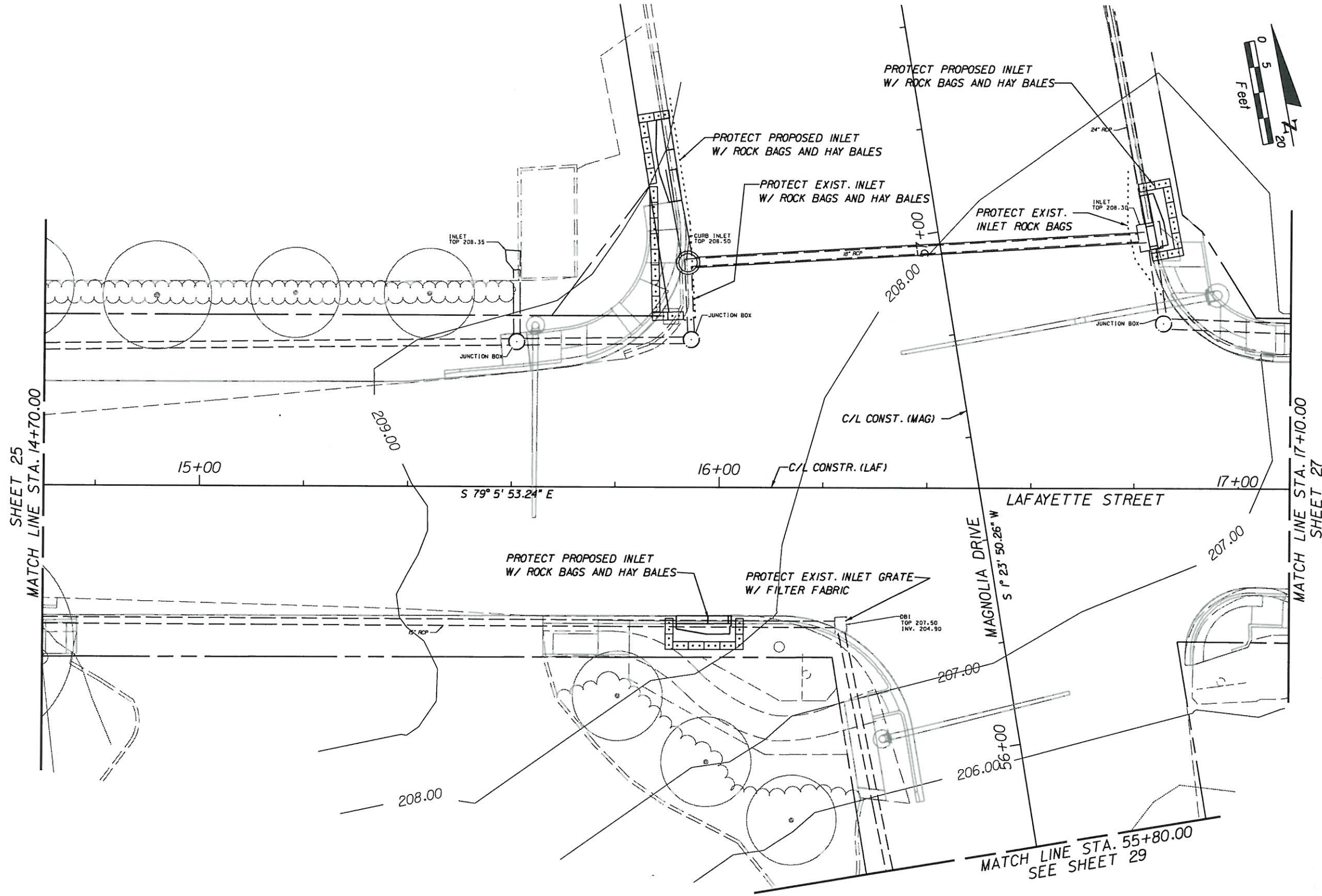
SHEET NO.  
25



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5/18/2010



*Clyde G. ...*  
5/21/10

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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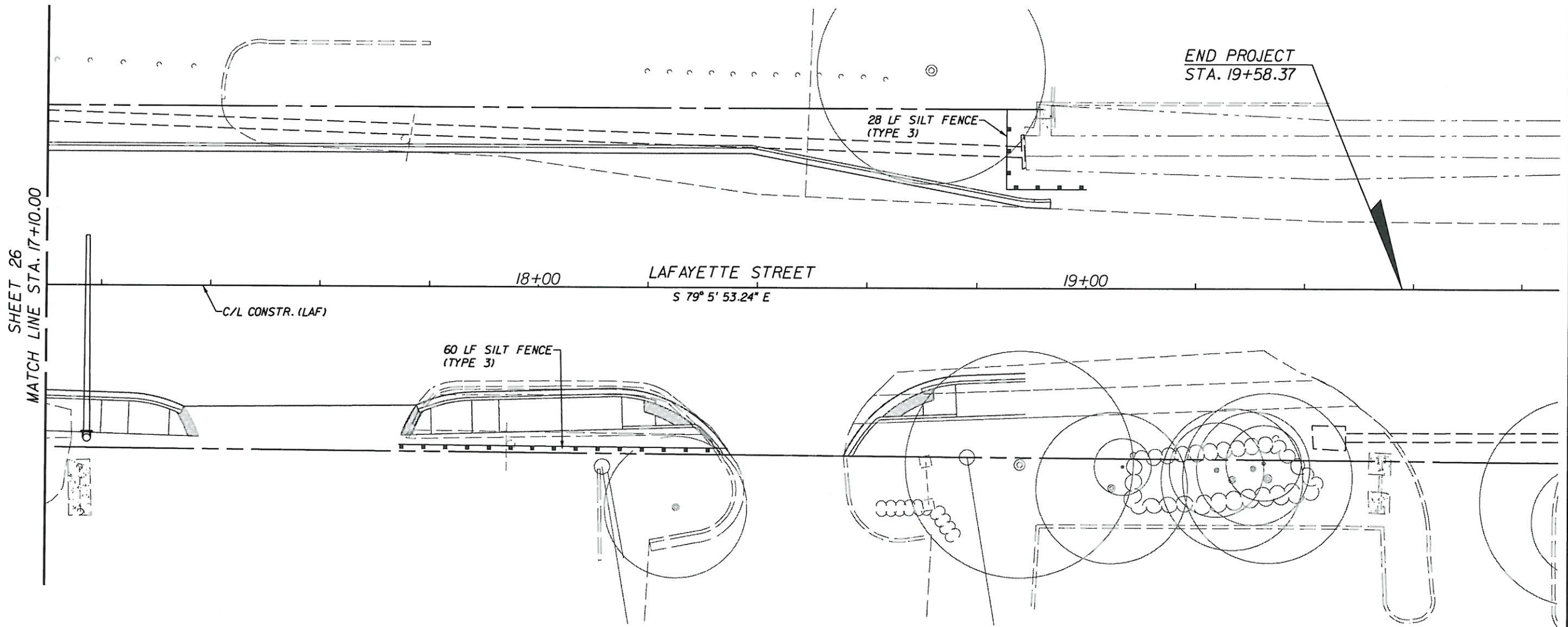
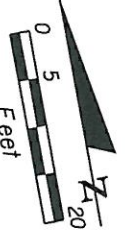
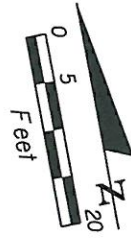


**EROSION CONTROL PLAN**

SHEET NO.

26





SHEET 26  
MATCH LINE STA. 17+10.00

*Clyde E. Li*  
5/21/10

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rsmith

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

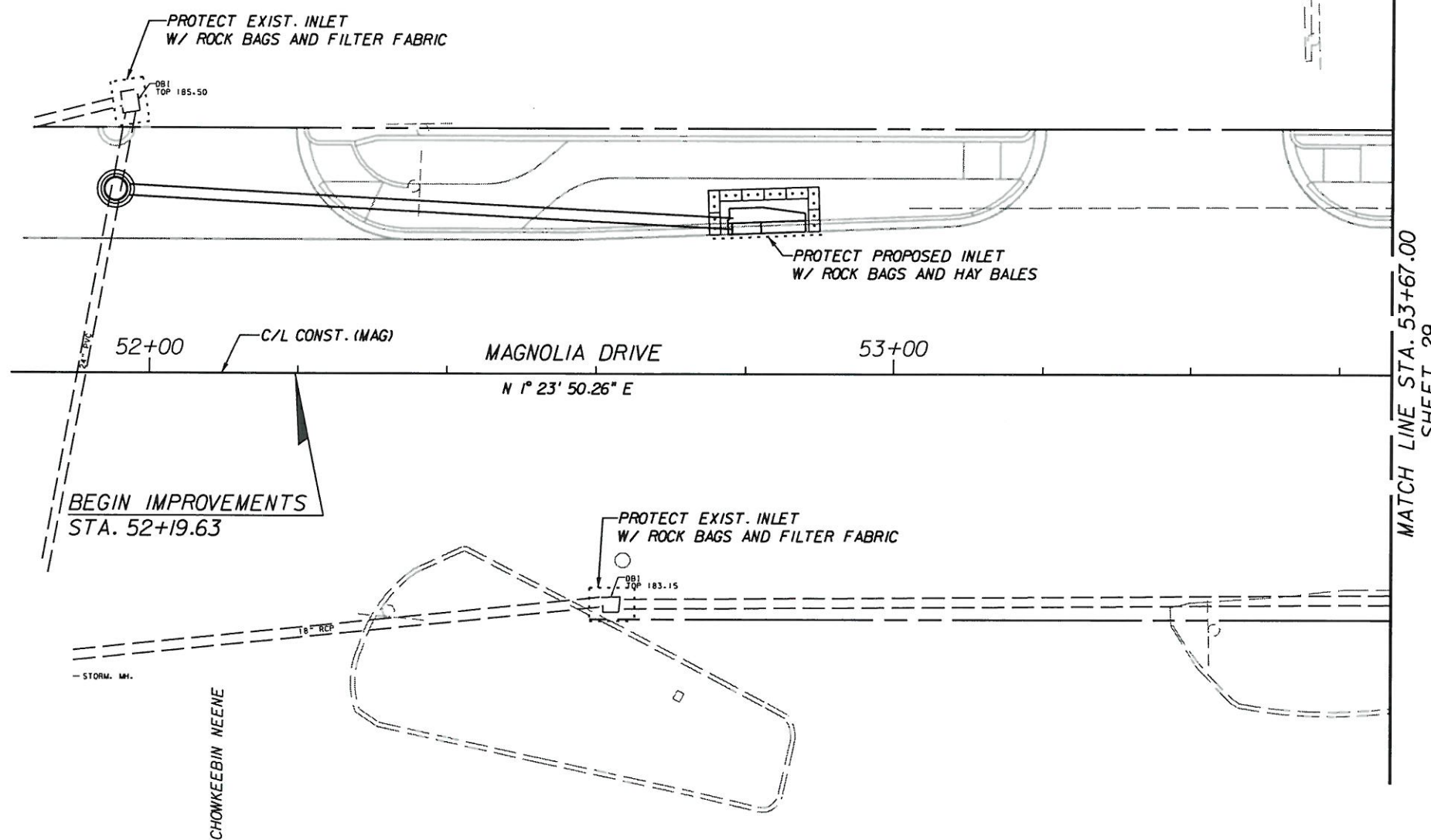
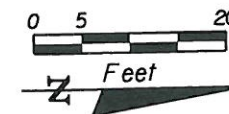
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CITY OF  
**TALLAHASSEE**

**EROSION CONTROL  
PLAN**

SHEET NO.  
27





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*Clayton E. ...*  
 5/21/10

REVISIONS					
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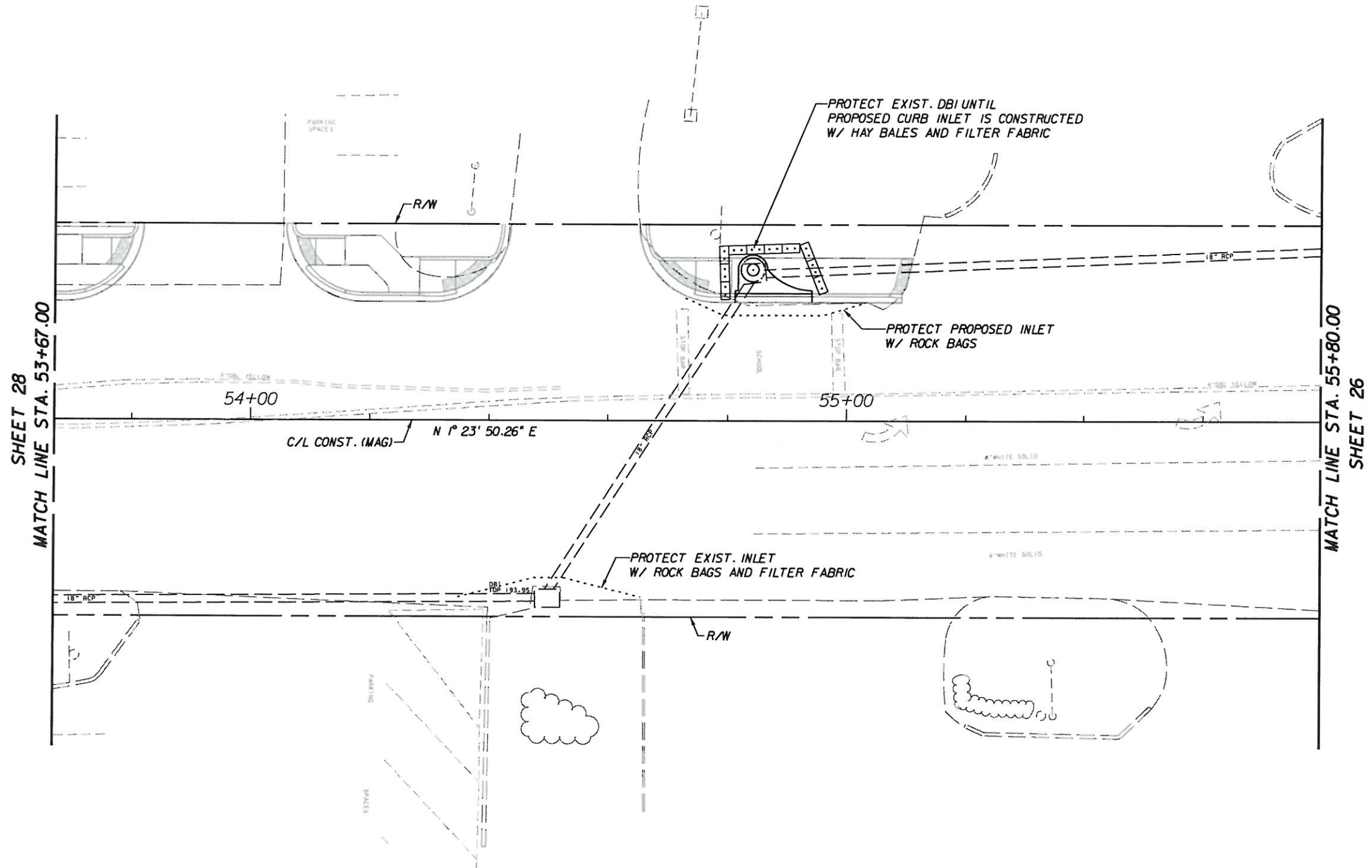
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**EROSION CONTROL  
 PLAN**

SHEET  
 NO.  
**28**





SHEET 28  
MATCH LINE STA. 53+67.00

MATCH LINE STA. 55+80.00  
SHEET 26

*Clyde E. Lin*  
5/21/10

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REVISIONS					
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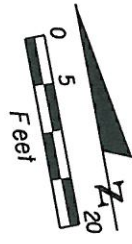
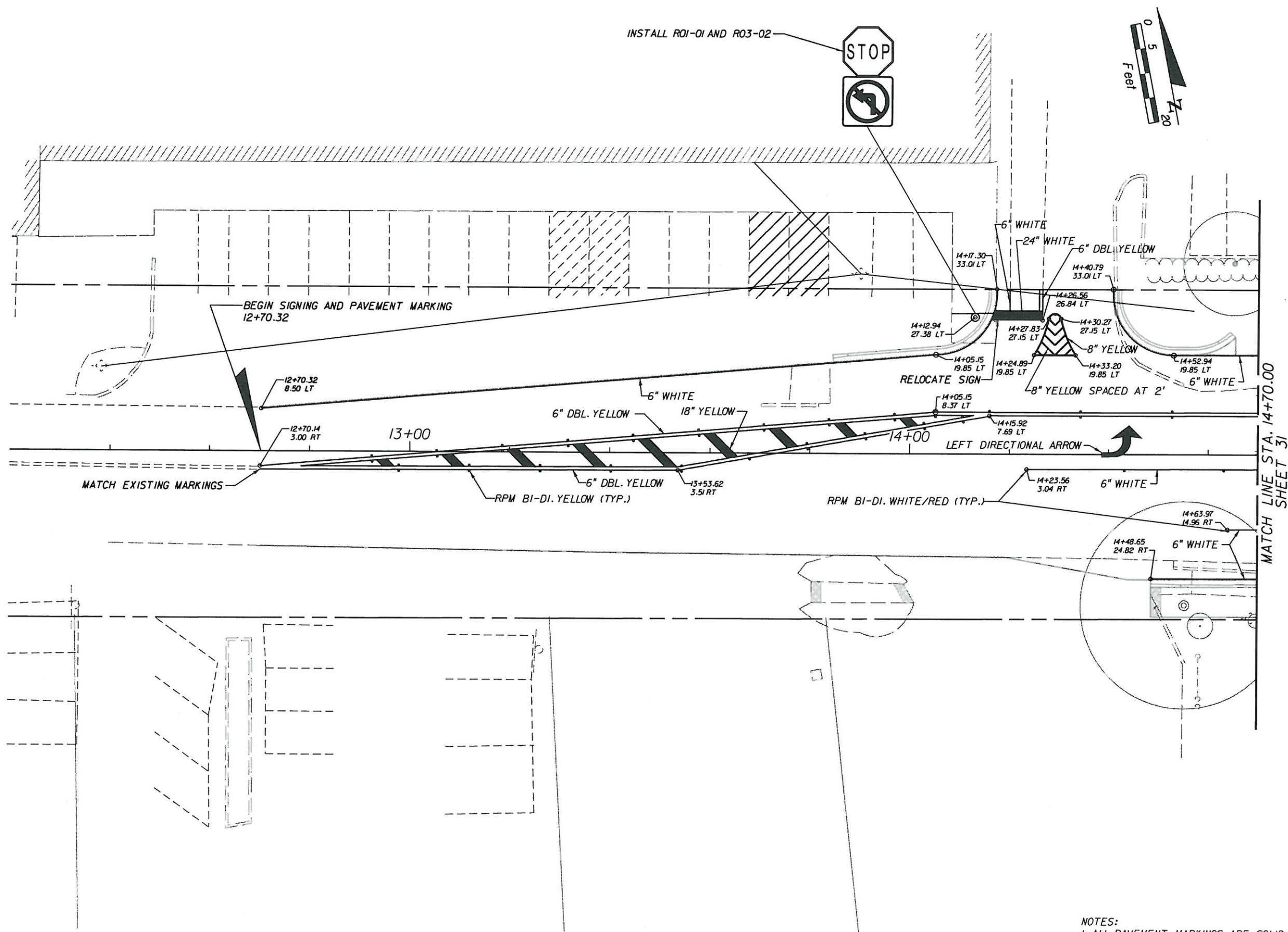
CITY OF  
**TALLAHASSEE**

**EROSION CONTROL PLAN**

SHEET NO.  
29



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MATCH LINE STA. 14+70.00  
SHEET 31

*Clyde E. ...*  
5/21/10

NOTES:  
1. ALL PAVEMENT MARKINGS ARE SOLID UNLESS OTHERWISE NOTED

REVISIONS					
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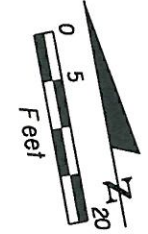
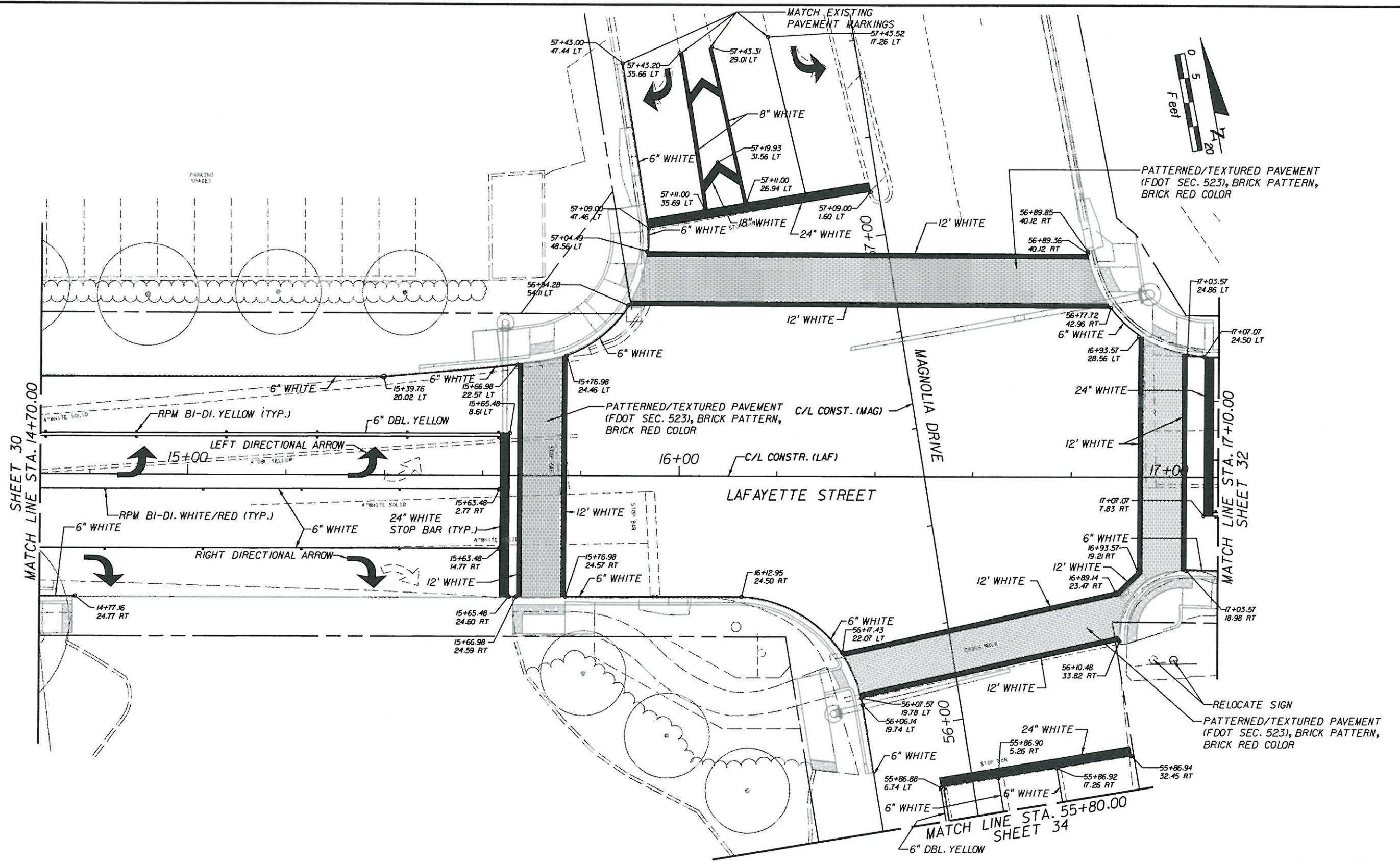
CITY OF  
**TALLAHASSEE**

**SIGNING AND PAVEMENT MARKING  
PLAN**

SHEET  
NO.  
30



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*Handwritten signature*  
5/21/10

NOTES:  
1. ALL PAVEMENT MARKINGS ARE SOLID UNLESS OTHERWISE NOTED.

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

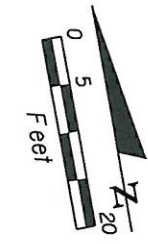
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CITY OF  
**TALLAHASSEE**

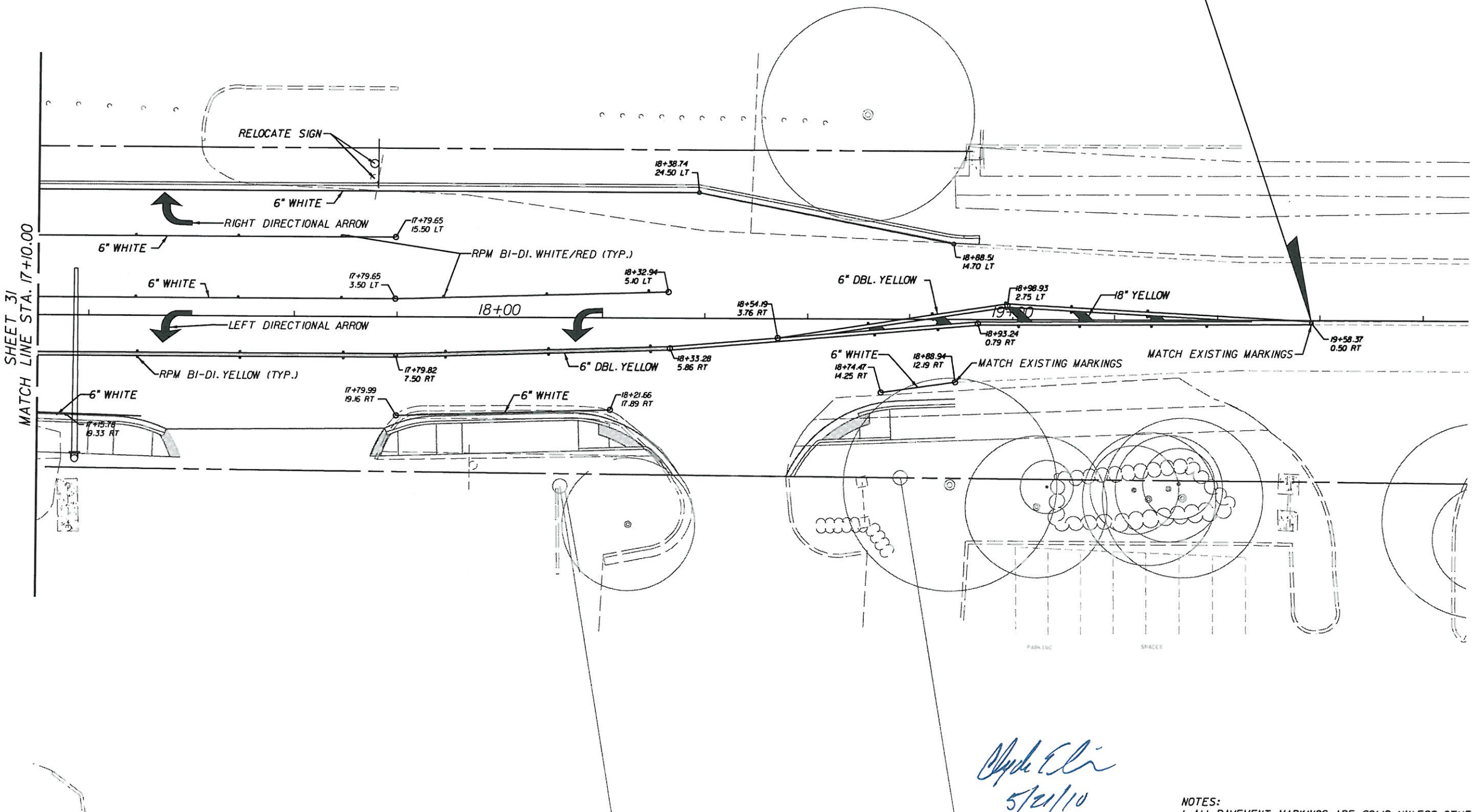
**SIGNING AND PAVEMENT MARKING PLAN**

SHEET NO.  
31





END SIGNING AND PAVEMENT MARKING  
STA. 19+58.37



*Cheryl Elie*  
5/21/10

NOTES:  
1. ALL PAVEMENT MARKINGS ARE SOLID UNLESS OTHERWISE NOTED.

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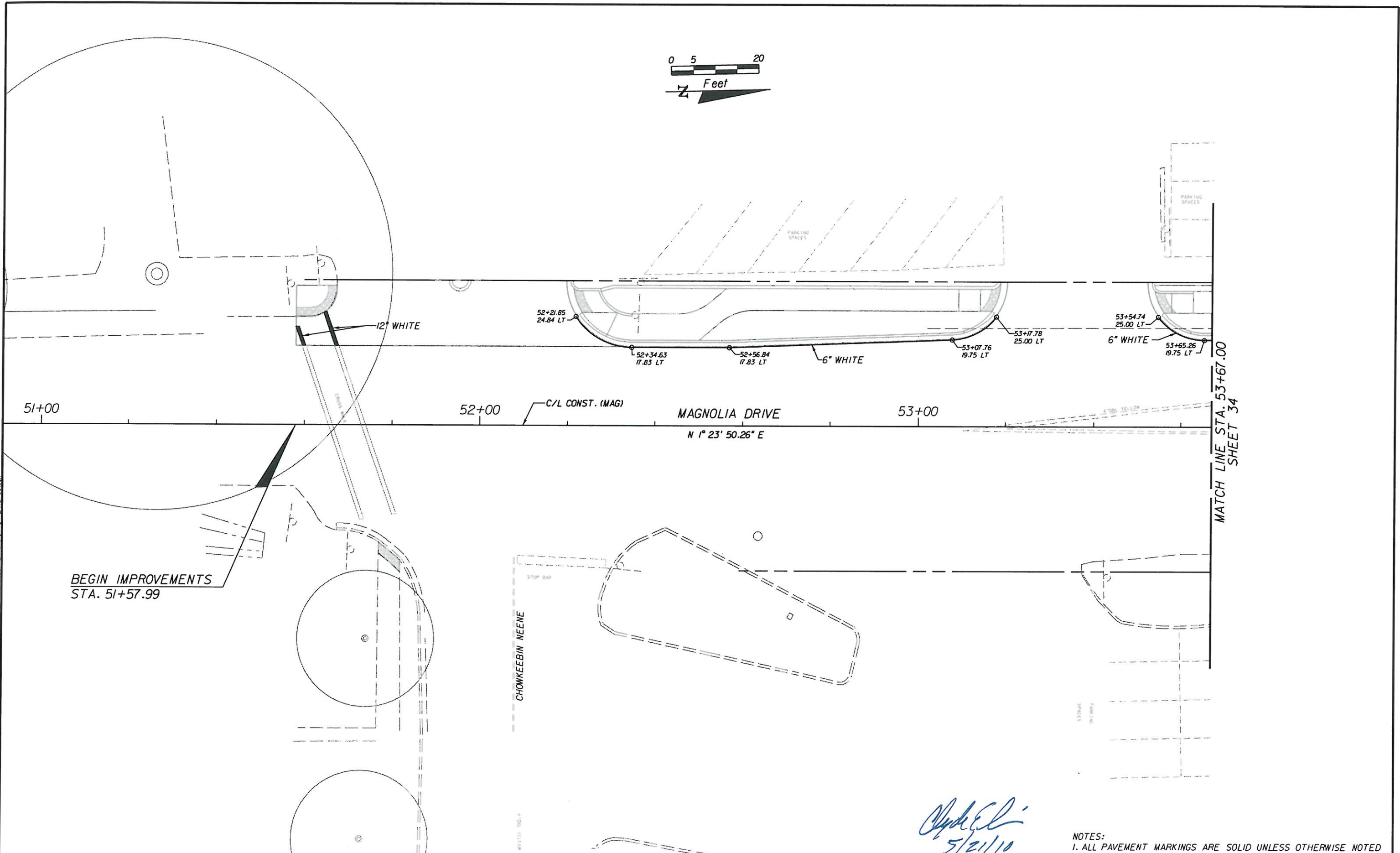
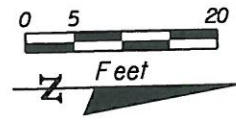
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CITY OF  
**TALLAHASSEE**

**SIGNING AND PAVEMENT MARKING  
PLAN**

SHEET NO.  
32





BEGIN IMPROVEMENTS  
STA. 51+57.99

MATCH LINE STA. 53+67.00  
SHEET 34

*C. J. El...*  
5/21/10

NOTES:  
1. ALL PAVEMENT MARKINGS ARE SOLID UNLESS OTHERWISE NOTED

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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CITY OF  
**TALLAHASSEE**

**SIGNING AND PAVEMENT MARKING  
PLAN**

SHEET  
NO.  
33

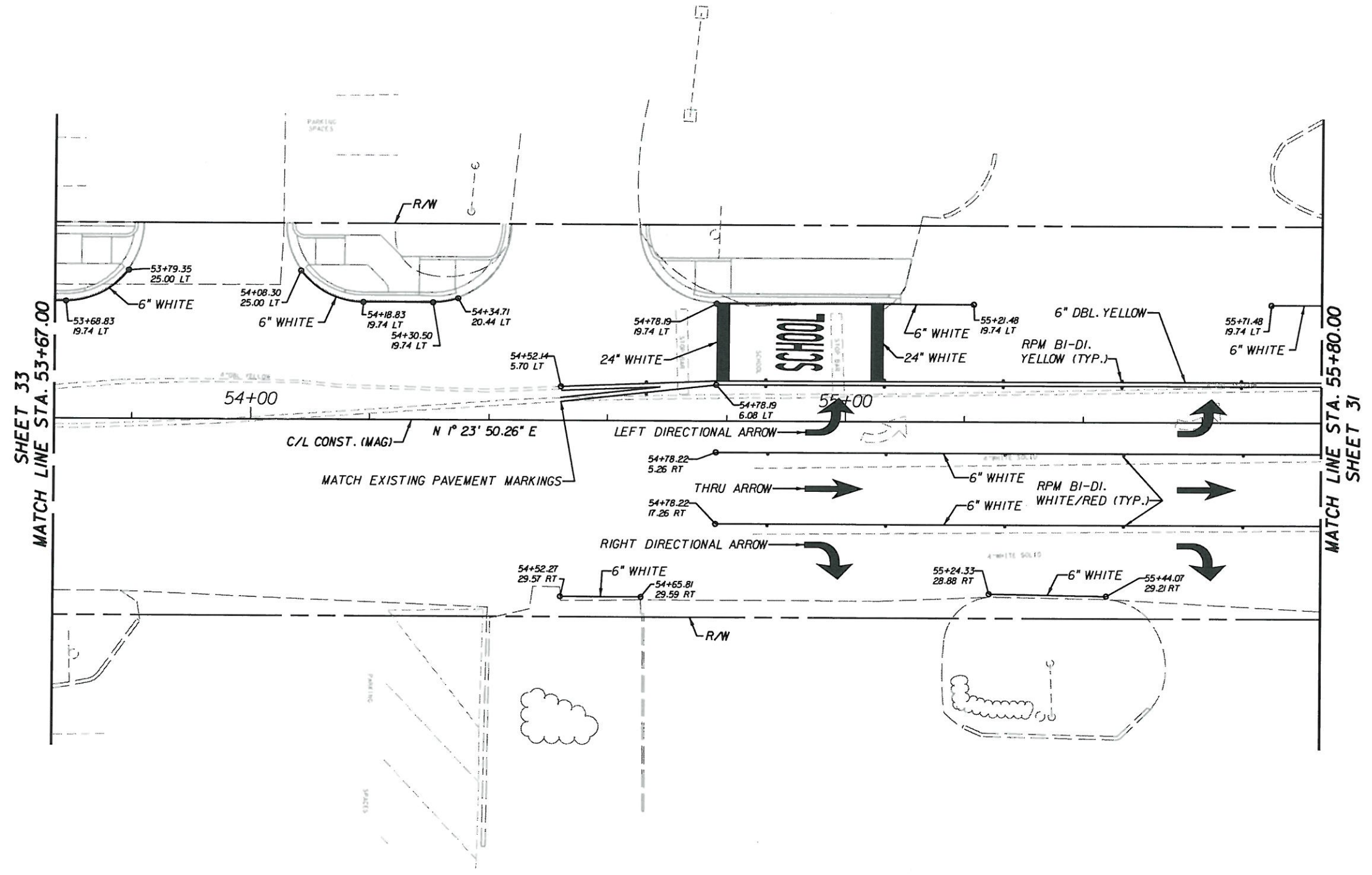
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5/18/2010



*Chad E. [Signature]*  
5/24/10

NOTES:  
1. ALL PAVEMENT MARKINGS ARE SOLID UNLESS OTHERWISE NOTED

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CITY OF  
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**SIGNING AND PAVEMENT MARKING PLAN**

SHEET NO.  
34



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LAFAYETTE STREET						
#	SHT. NO.	UTILITY DESCRIPTION	STATION	OFFSET (FT.)	OWNER - TYPE	COMMENT (POTENTIAL CONFLICT)
1	7	PP, POWER POLE	12+38	15.0 LT.	COT UTILITY - ELECTRIC	ROTTEN POLE TO BE REPLACED BY UTILITY
2	7	G, GAS LINE	13+65	16.5 LT.	COT UTILITY - GAS	CAUTION, LINE UNDER WIDENING LIMITS
3	7	WM, WATER METER	13+70	16.5 LT.	COT UTILITY - WATER	WITHIN WIDENING LIMITS, TO BE RELOCATED
4	7	WM, WATER METER	13+72	15.0 LT.	COT UTILITY - WATER	WITHIN WIDENING LIMITS, TO BE RELOCATED
5	7	PP, POWER POLE	13+80	15.0 LT.	COT UTILITY - ELECTRIC	WITHIN WIDENING LIMITS, TO BE RELOCATED
6	7	PP, POWER POLE	13+82	24.0 RT.	COT UTILITY - ELECTRIC	SPAN WIRE, POLE AND GUYS TO BE REMOVED BY UTILITY
7	7	BT, TELEPHONE	14+20	21.0 RT.	EMBARQ - TELEPHONE	CAUTION, LINE UNDER WIDENING LIMITS
8	7	PP, POWER POLE	14+68	28.0 RT.	COT UTILITY - ELECTRIC	WITHIN SIDEWALK LIMITS, TO BE RELOCATED
9	8	MANHOLE	14+85	20.0 LT.	COT UTILITY - SEWER	PAVEMENT RESURFACING, ADJUST MANHOLE
9	8	WATER VALVE	15+25	14.0 LT.	COT UTILITY - WATER	PAVEMENT RESURFACING, ADJUST VALVE
10	8	WATER VALVE	16+21	29.0 RT.	COT UTILITY - WATER	WITHIN CURB LIMITS, TO BE RELOCATED
11	8	INLET	16+24	27.0 RT.	COT UTILITY - STORM	PAVEMENT RESURFACING, ADJUST INLET
12	8	MANHOLE	16+27	17.5 RT.	EMBARQ - TELEPHONE	PAVEMENT RESURFACING, ADJUST MANHOLE
13	8	MANHOLE	16+27	20.0 RT.	EMBARQ - TELEPHONE	PAVEMENT RESURFACING, ADJUST MANHOLE
14	8	WATER VALVE	16+48	24.0 LT.	COT UTILITY - WATER	PAVEMENT RESURFACING, ADJUST VALVE
15	8	WATER VALVE	16+55	24.0 RT.	COT UTILITY - WATER	PAVEMENT RESURFACING, ADJUST VALVE
16	8	WATER VALVE	16+57.5	22.0 RT.	COT UTILITY - WATER	PAVEMENT RESURFACING, ADJUST VALVE
17	8	WATER VALVE	16+57.5	26.0 RT.	COT UTILITY - WATER	PAVEMENT RESURFACING, ADJUST VALVE
18	8	WATER VALVE	16+60	24.0 RT.	COT UTILITY - WATER	PAVEMENT RESURFACING, ADJUST VALVE
19	8	MANHOLE	16+27	20.0 RT.	COT UTILITY - SEWER	PAVEMENT RESURFACING, ADJUST MANHOLE
20	8	G, GAS LINE	16+98	20.0 RT.	COT UTILITY - GAS	CAUTION, LINE UNDER WIDENING LIMITS
21	8	BT, TELEPHONE	17+04	20.0 RT.	EMBARQ - TELEPHONE	CAUTION, LINE UNDER WIDENING LIMITS
22	9	G, GAS LINE	17+79	20.0 RT.	COT UTILITY - GAS	CAUTION, LINE UNDER WIDENING LIMITS
23	9	G, GAS LINE	18+40	17.0 LT.	COT UTILITY - GAS	CAUTION, LINE UNDER WIDENING LIMITS
MAGNOLIA DRIVE						
1	10	WM, WATER METER	51+94	32.0 LT.	COT UTILITY - WATER	DRIVEWAY RECONSTRUCTION, ADJUST VALVE
2	10	WM, WATER METER	51+96	32.0 LT.	COT UTILITY - WATER	DRIVEWAY RECONSTRUCTION, ADJUST VALVE
3	10	WM, WATER METER	53+04	25.0 LT.	COT UTILITY - WATER	DRIVEWAY RECONSTRUCTION, ADJUST VALVE
4	10	WM, WATER METER	53+05	25.0 LT.	COT UTILITY - WATER	DRIVEWAY RECONSTRUCTION, ADJUST VALVE
5	10	WM, WATER METER	53+06	25.0 LT.	COT UTILITY - WATER	DRIVEWAY RECONSTRUCTION, ADJUST VALVE
6	10	WM, WATER METER	53+07	25.0 LT.	COT UTILITY - WATER	DRIVEWAY RECONSTRUCTION, ADJUST VALVE
7	10	WM, WATER METER	53+08	25.0 LT.	COT UTILITY - WATER	DRIVEWAY RECONSTRUCTION, ADJUST VALVE
8	11	WM, WATER METER	53+78	25.0 LT.	COT UTILITY - WATER	DRIVEWAY RECONSTRUCTION, RELOCATE VALVE
9	11	WM, WATER METER	53+79	25.0 LT.	COT UTILITY - WATER	DRIVEWAY RECONSTRUCTION, RELOCATE VALVE
10	11	MANHOLE	54+65	16.0 RT.	COT UTILITY - SEWER	PAVEMENT RESURFACING, ADJUST MANHOLE

*Clyde E. Lee*  
5/21/10

REVISIONS					
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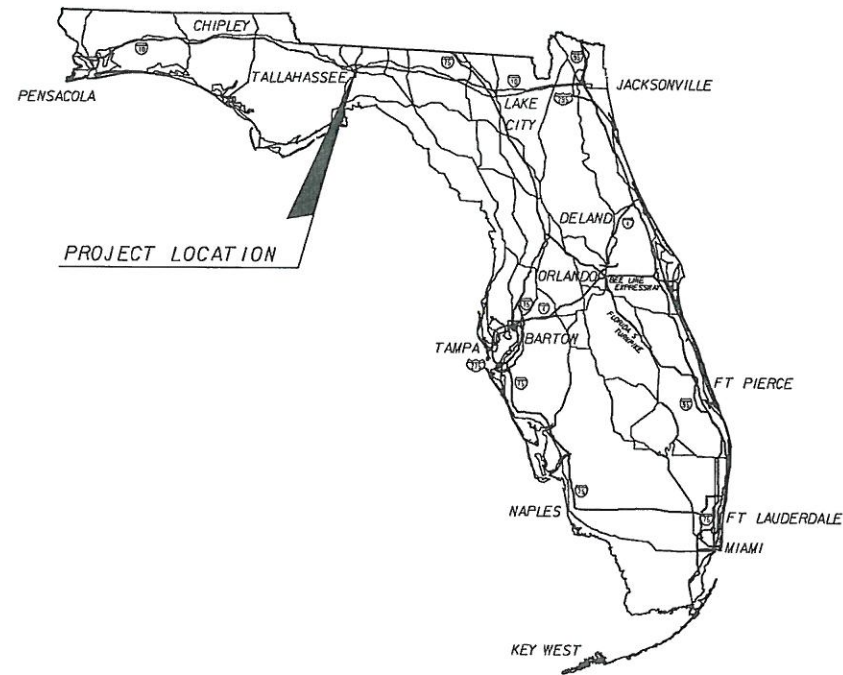


**UTILITY ADJUSTMENTS**

SHEET NO.  
35



# CITY OF TALLAHASSEE



## INDEX OF SIGNALIZATION PLANS

SHEET NO.	SHEET DESCRIPTION
T-1	KEY SHEET
T-2	TABULATION OF QUANTITIES
T-3	GENERAL NOTES
T-4	SIGNALIZATION PLAN
T-5	GUIDE SIGN WORK SHEET
T-6	MAST ARM TABULATION
T-7	STANDARD MAST ARM ASSEMBLIES DESIGN TABLE
T-8	REPORT OF CORE BORINGS

MAGNOLIA DRIVE / LAFAYETTE STREET  
INTERSECTION IMPROVEMENTS  
LEON COUNTY  
CONTRACT NO. 733-03

## SIGNALIZATION PLANS

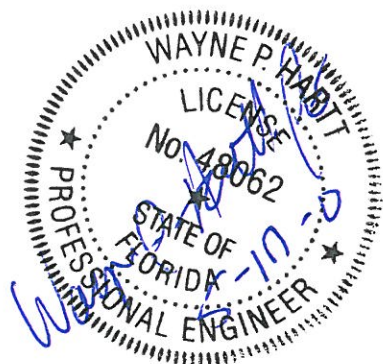
GOVERNING STANDARDS AND SPECIFICATIONS:  
FLORIDA DEPARTMENT OF TRANSPORTATION,  
DESIGN STANDARDS DATED 2010,  
AND STANDARD SPECIFICATIONS FOR ROAD AND  
BRIDGE CONSTRUCTION DATED 2010,  
AS AMENDED BY CONTRACT DOCUMENTS.

PLANS PREPARED BY:

**WilsonMiller**

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



KEY SHEET REVISIONS		
DATE	BY	DESCRIPTION

SIGNALIZATION PLANS  
ENGINEER OF RECORD: Wayne P. Hartt, P.E.

P.E. NO.: 48062

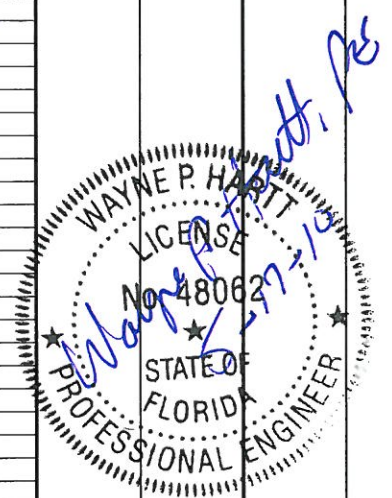
SHEET  
NO.

T-1



# TABULATION OF QUANTITIES

PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS																				TOTAL THIS SHEET		GRAND TOTAL		REF. SHEET
			T-4																								
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL			
555-1-1	DIRECTIONAL BORE (< 6')	LF	270																					270		270	
630-1-11	CONDUIT - SIGNALS (F & I) (ABOVE GROUND)	LF	20																					20		20	
630-1-12	CONDUIT - SIGNALS (F & I) (UNDERGROUND)	LF	1065																					1065		1065	
632-7-1	CABLE (SIGNAL) (F & I)	PI	1																					1		1	
635-1-11	PULL & JUNCTION BOXES (F & I) (PULL BOX)	EA	19																					19		19	
639-1-23	ELECTRICAL POWER SERVICE (UNDERGROUND)	AS	1																					1		1	
639-2-1	ELECTRICAL SERVICE WIRE (F & I)	LF	180																					180		180	
641-2-12	PRESTRESSED CONCRETE POLES (F & I) (TYPE P-II SERVICE POLE) (12')	EA	1																					1		1	
649-31-301	MAST ARM ASSEMBLY (F & I) (110) (SINGLE ARM w/o LUM.) (36' ARM)	EA	3																					3		3	
649-31-303	MAST ARM ASSEMBLY (F & I) (110) (SINGLE ARM w/o LUM.) (60 ARM)	EA	1																					1		1	
650-51-311	TRAFFIC SIGNAL (F & I) (3 SECTION, 1WAY)	AS	4																					4		4	
650-51-511	TRAFFIC SIGNAL (F & I) (5 SECTION, 1WAY)	AS	4																					4		4	
653-181	PEDESTRIAN SIGNAL (F & I) (LED INT) (1WAY)	AS	6																					6		6	
653-182	PEDESTRIAN SIGNAL (F & I) (LED INT) (2WAY)	AS	1																					1		1	
659-101	SIGNAL HEAD AUX'S (F & I) (BACK PLATES, 3 SECTION)	EA	2																					2		2	
659-107	SIGNAL HEAD AUX'S (F & I) (ALUMINUM PEDESTAL)	EA	5																					5		5	
659-118	SIGNAL HEAD AUX'S (F & I) (BACK PLATES, 5 SECTION)	EA	2																					2		2	
660-1-109	LOOP DETECTOR, INDUCTIVE (F & I) (TYPE 9, 2 CH, SS, RM)	EA	4																					4		4	
660-2-102	LOOP ASSEMBLY (F & I) (TYPE B)	AS	8																					8		8	
660-2-106	LOOP ASSEMBLY (F & I) (TYPE F)	AS	4																					4		4	
663-74-12	VEHICLE DETECTOR ASSEMBLIES (F & I) (INFRARED)	EA	4																					4		4	
665-11	PEDESTRIAN DETECTOR (F & I) (POLE MOUNTED)	EA	8																					8		8	
670-5-121	TRAFFIC CONTROLLER ASSEMBLY (F & I) (70) (ONE PREEMPTION PLAN)	AS	1																					1		1	
690-10	TRAFFIC SIGNAL HEAD ASSEMBLY, REMOVAL	EA	6																					6		6	
690-32-1	POLE REMOVAL - SHALLOW (DIRECT BURIAL)	EA	2																					2		2	
690-50	CONTROLLER ASSEMBLY - REMOVE (COMPLETE)	EA	1																					1		1	
690-80	SPAN WIRE ASSEMBLY, REMOVE	EA	1																					1		1	
690-90	CABLING AND CONDUIT, REMOVE	PI	1																					1		1	
690-100	SIGNAL EQUIPMENT, MISCELLANEOUS REMOVE	PI	1																					1		1	
699-1-1	INTERNALLY ILLUMINATED STREET NAME SIGN (LED)	EA	4																					4		4	



REVISIONS						Wayne P. Hartt, P.E. P.E. LICENSE NUMBER 48062 Wilson Miller, Inc. 3200 Bailey Lane, Suite 200 Naples, FL 34105 CERTIFICATE OF AUTHORIZATION 43	CITY OF <b>TALLAHASSEE</b>	<b>TABULATION OF QUANTITIES</b>	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION				T-2

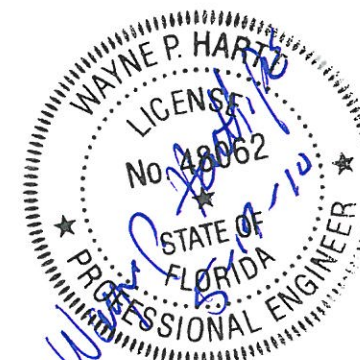


**GENERAL NOTES:**

1. THE IMPLEMENTATION OF THE SIGNALIZATION PLANS SHALL BE IN ACCORDANCE WITH THE 2009 EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), THE 2010 EDITION OF THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, THE 2000 EDITION OF THE MINIMUM SPECIFICATIONS FOR TRAFFIC CONTROL SIGNAL DEVICES, THE 2010 EDITION OF THE FDOT DESIGN STANDARDS AND THE CITY OF TALLAHASSEE TRAFFIC ENGINEERING AND OPERATIONS STANDARD SPECIFICATIONS, LATEST EDITION.
2. THE MAINTAINING AGENCY IS THE CITY OF TALLAHASSEE. THE CONTRACTOR SHALL NOTIFY THE MAINTAINING AGENCY SEVEN DAYS PRIOR TO BEGINNING WORK.
3. THE CONTRACTOR SHALL NOTIFY ALL UTILITIES AT LEAST 48 HOURS IN ADVANCE OF THE ACTUAL BEGINNING OF UNDERGROUND CONSTRUCTION. ALL UTILITY CONFLICTS SHALL BE RESOLVED PRIOR TO THE SETTING OF THE SIGNAL POLES OR THE LAYING OF CONDUIT. SHOULD THE CONTRACTOR ENCOUNTER ANY UNIDENTIFIED UTILITIES DURING CONSTRUCTION, WORK IN THE AREA SHALL CEASE AND THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY SO THAT REMEDIAL ACTION CAN BE TAKEN.
4. THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE UTILITY COMPANY AT LEAST TWO WORKING DAYS IN ADVANCE OF POLE SETTING OPERATIONS WHERE CONFLICT WITH OVERHEAD ELECTRICAL CONDUCTORS IS EXPECTED. ALL SAFETY CLEARANCES TO PRIMARY ELECTRICAL LINES SHALL BE STRICTLY ADHERED TO.
5. AT THE TIME OF FINAL INSPECTION, THE CONTRACTOR SHALL FURNISH THE ENGINEER WITH TWO COMPLETE SETS OF AS-BUILT PLANS. THE CONTRACTOR SHALL ALSO FURNISH THREE COMPLETE SETS OF AS-BUILT PLANS AND ONE SET OF APPROVED SHOP DRAWINGS TO THE MAINTAINING AGENCY.
6. THE CONTRACTOR SHALL MEET ALL CRITERIA OUTLINED IN "THE MINIMUM SPECIFICATIONS FOR TRAFFIC CONTROL SIGNALS AND DEVICES" AND ALL STANDARDS AND SPECIFICATIONS UTILIZED BY THE MAINTAINING AGENCY.
7. THE LOCATION OF UTILITIES SHOWN ON THE PLANS IS APPROXIMATE. THE CONTRACTOR SHALL VERIFY EXACT LOCATIONS PRIOR TO PERFORMING ANY EXCAVATION OPERATION.
8. IT SHOULD BE NOTED THAT NO TEST BORINGS WERE MADE WHERE CONDUIT RUNS ARE TO BE INSTALLED BY DIRECTIONAL DRILLING OR TRENCHING.
9. ALL UNDERGROUND CONDUIT ENTRY HOLES ON SIGNAL POLES SHALL BE STUBBED OUT AND CAPPED IN A PROPOSED PULL BOX.
10. AT LOCATIONS WHERE UNDERGROUND UTILITIES ARE IN CLOSE PROXIMITY TO THE SIGNAL POLE FOUNDATION OR CONDUIT RUN AS DETERMINED BY THE ENGINEER, THE CONTRACTOR SHALL HAND-DIG THE FIRST 48 INCHES OF DEPTH FOR THE POLE FOUNDATION OR THE CONDUIT RUN.
11. ALL PULL BOXES SHALL BE INSTALLED BEHIND THE CONCRETE SIDEWALK WITH THE EXCEPTION OF PULL BOXES FOR LOOP LEAD-IN SPLICES. PULL BOXES SHALL BE QUARTZITE COMPOSITE TYPE MATERIAL AND BE TRAFFIC BEARING.
12. ALL FIELD WIRING, INCLUDING SIGNAL HEAD WIRING AND LOOP DETECTOR LEAD-INS SHALL BE IDENTIFIED WITH CLEARLY MARKED WEATHERPROOF TAGS. THE PROPOSED TAGGING SYSTEM SHALL BE IN ACCORDANCE WITH THE FDOT AND THE MAINTAINING AGENCY'S STANDARD SPECIFICATIONS.
13. THE SIGNAL CONTRACTOR IS RESPONSIBLE TO SIZE ALL SIGNAL CABLES TO ENSURE NO MORE THAN A 5% VOLTAGE DROP AT THE END OF ANY CIRCUIT OCCURS. VOLTAGE DROP IS REFERENCED TO THE LINE SIDE OF THE METER.
14. ALL SIGNAL HEADS FOR THE EAST AND WEST MOVEMENTS SHALL HAVE BACK PLATES.
15. TRAFFIC CONTROL FOR THE PROJECT SHALL COMPLY WITH THE LATEST EDITION OF THE FDOT DESIGN STANDARDS, THE MUTCD AND THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. THE CONTRACTOR MAY BE DIRECTED BY THE ENGINEER TO DEVELOP AND IMPLEMENT MODIFICATIONS TO THE TRAFFIC SIGNAL OPERATIONS (I.E. TIMING AND PHASING) FOR ANY SIGNAL LOCATED WITHIN THE PROJECT LIMITS. THE CONTRACTOR'S RESPONSE TIME TO ALL REPORTED MALFUNCTIONS OF A TRAFFIC SIGNAL SHALL BE NO MORE THAN 2 HOURS, AND SHALL RESTORE ALL MALFUNCTIONS OF THE SIGNAL EQUIPMENT TO ITS LEVEL OF OPERATION PRIOR TO THE MALFUNCTION WITHIN 24 HOURS. DURING THIS TIME, THE CONTRACTOR SHALL PROVIDE AT HIS EXPENSE, TEMPORARY TRAFFIC CONTROL DEVICES, FLAGGER PERSONNEL AND LAW ENFORCEMENT PERSONNEL AS NECESSARY TO MAINTAIN A SAFE AND EFFICIENT FLOW OF TRAFFIC AT THE EFFECTED SIGNALIZED AND UNSIGNALIZED INTERSECTIONS. THE ENGINEER SHALL APPROVE ALL MODIFICATIONS PRIOR TO THEIR IMPLEMENTATION.
16. POLE FOUNDATION HEIGHT ABOVE GROUND LEVEL MAY BE ADJUSTED TO MAINTAIN 18' TO 19' FT. HEIGHT TO BOTTOM OF SIGNAL HEAD OR INTERNALLY ILLUMINATED STREET SIGN ABOVE ROAD SURFACE. ABOVE GROUND HEIGHT OF FOUNDATION TO BE MAX. OF 12 INCHES WITH APPROVAL OF FIELD SUPERVISOR.
17. ALL POLES, SIGNAL CABINETS, JUNCTION BOXES AND ELECTRICAL SERVICES TO BE PROPERLY GROUNDED AS PER FDOT DESIGN STANDARDS DATED 2010, AND SECTION 620 OF THE 2010 EDITION OF THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
18. ALL TRAFFIC CONTROLLER ASSEMBLIES SHALL MEET THE CURRENT TECHNICAL SPECIAL PROVISIONS (TSP'S) FOR THE CITY OF TALLAHASSEE TRAFFIC SIGNAL SYSTEM, LATEST EDITION. THE TSP CAN BE FOUND AT: <http://trafficweb01.tal.gov.com/tsp.html>.

**PAY ITEM NOTES:**

1. 555-1-1: INCLUDES ALL COSTS TO FURNISH AND INSTALL ALL CONDUIT RUNS CALLED FOR IN THE PLANS AS SPECIFIED IN THE 2010 FDOT STANDARD SPECIFICATIONS, SECTION 555, DIRECTIONAL BORE.
2. 630-1-12: ALL CONDUIT RUNS SHOWN ON THE PLANS ARE SCHEMATIC AND FIELD ADJUSTMENTS MAY BE NECESSARY. ALL CONDUIT SHALL HAVE A MINIMUM SIZE OF 2 INCHES UNLESS OTHERWISE NOTED IN THE PLANS.
3. 649-xxx-xxx: ALL MAST ARMS AND POLES SHALL BE 12-SIDED SECTIONS AS SHOWN ON INDEX 17745. EXACT COLOR AND FINISHING REQUIREMENTS TO BE PROVIDED BY THE CITY OF TALLAHASSEE.
4. 650-51-311, 650-51-511, 653-181 AND 653-182: ALL INDICATIONS SHALL BE LED. PEDESTRIAN SIGNALS SHALL BE INTERNATIONAL SYMBOL.
5. 659-107: ALUMINUM SPUN PEDESTALS SHALL BE 4" I.D. AND MOUNTED ON A TRANSFORMER BASE.
6. 660-2-102 AND 660-2-106: LOOP ASSEMBLIES FOR LEFT TURN MOVEMENTS SHALL BE 6' x 40' TYPE F AND SHALL EXTEND 4' BEYOND THE STOP BAR. LOOP ASSEMBLIES FOR THROUGH MOVEMENTS SHALL BE 6' x 6' TYPE B AND SHALL BE INSTALLED 75' AND 150' IN ADVANCE OF THE STOP BAR ON ALL APPROACHES. SPLICE LOOP LEAD-IN TO SHIELDED CABLE IN PULL BOX FOR HOME RUN TO THE CABINET UNLESS OTHERWISE SHOWN ON THE PLANS.
7. 663-74-12: INCLUDES FURNISHING AND INSTALLATION OF OPTICOM PREEMPTION DETECTORS FOR ALL APPROACHES PER THE CITY OF TALLAHASSEE SPECIFICATIONS.
8. 665-11: INCLUDES FURNISHING AND INSTALLATION OF FTP-68A-06 SIGNS AT EACH PEDESTRIAN DETECTOR LOCATION.
9. 670-5-121: INCLUDES FURNISHING AND INSTALLATION OF ANY AND ALL EQUIPMENT NECESSARY FOR COMPATABILITY WITH THE MAINTAINING AGENCY'S EXISTING SYSTEM.
10. 690-50: INCLUDES RELOCATION AND RECONNECTION OF EXISTING FIBER OPTIC CABLE TO THE NEW CONTROLLER. THE EXISTING FIBER OPTIC TRUNK LINE AND SPLICE MUST REMAIN INTACT AT ALL TIMES.
11. 699-1-1: ITEM INCLUDES ALL HARDWARE NECESSARY TO INSTALL INTERNALLY ILLUMINATED STREET NAME SIGNS, MOUNTED FREE-SWINGING TO THE SIGNAL MAST ARM PER CITY OF TALLAHASSEE SPECIFICATIONS. SIGNS SHALL NOT BE EQUIPPED WITH INDIVIDUAL PHOTO-ELECTRIC CELLS, BUT WILL BE CONTROLLED FROM THE CONTROLLER CABINET.



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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CERTIFICATE OF AUTHORIZATION 43

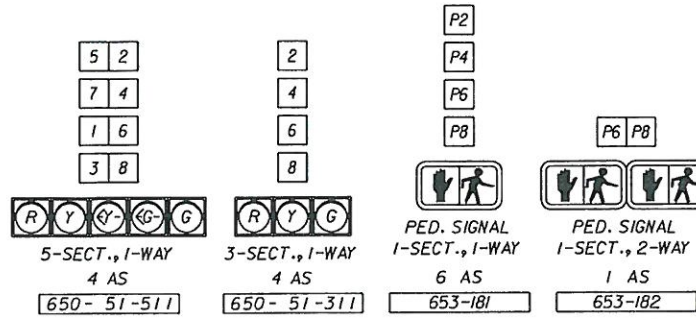


**GENERAL NOTES**

SHEET NO:  
**T-3**

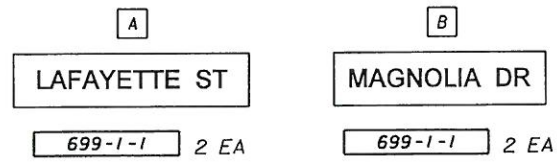


**SIGNAL HEAD DETAILS**

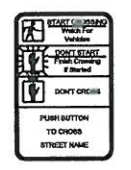
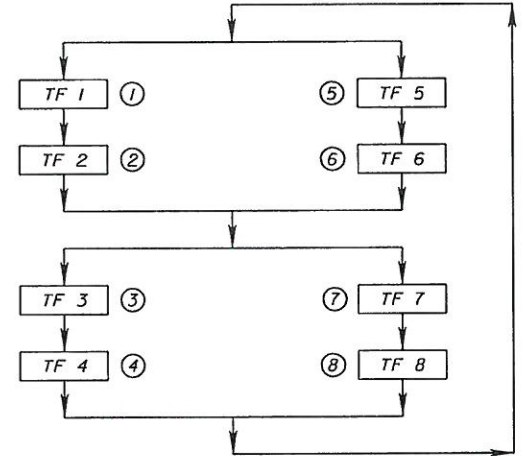
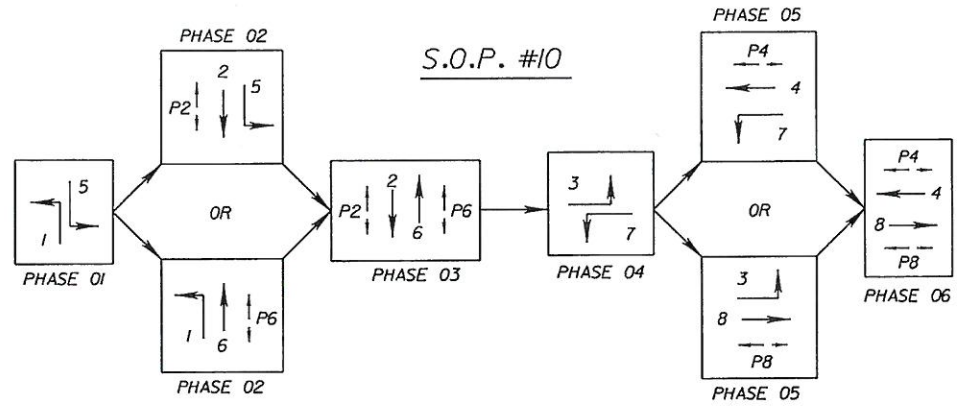


NOTE: SIGNAL HEADS FOR MOVEMENTS 3, 4, 7 & 8 SHALL BE INSTALLED WITH BACK PLATES. ITEM 659-101, 2 EA. AND ITEM 659-118, 2 EA.

**INTERNALLY ILLUMINATED SIGNS**



NOTE: INTERNALLY ILLUMINATED STREET NAME SIGN PANELS SHALL BE TWO-SIDED, MOUNTED FREE-SWINGING TO THE MAST ARM PER CITY OF TALLAHASSEE SPECIFICATIONS. SEE GUIDE SIGN WORK SHEETS FOR DETAILS.



FTP-68A-06

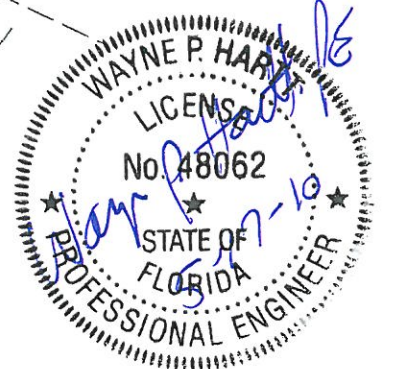
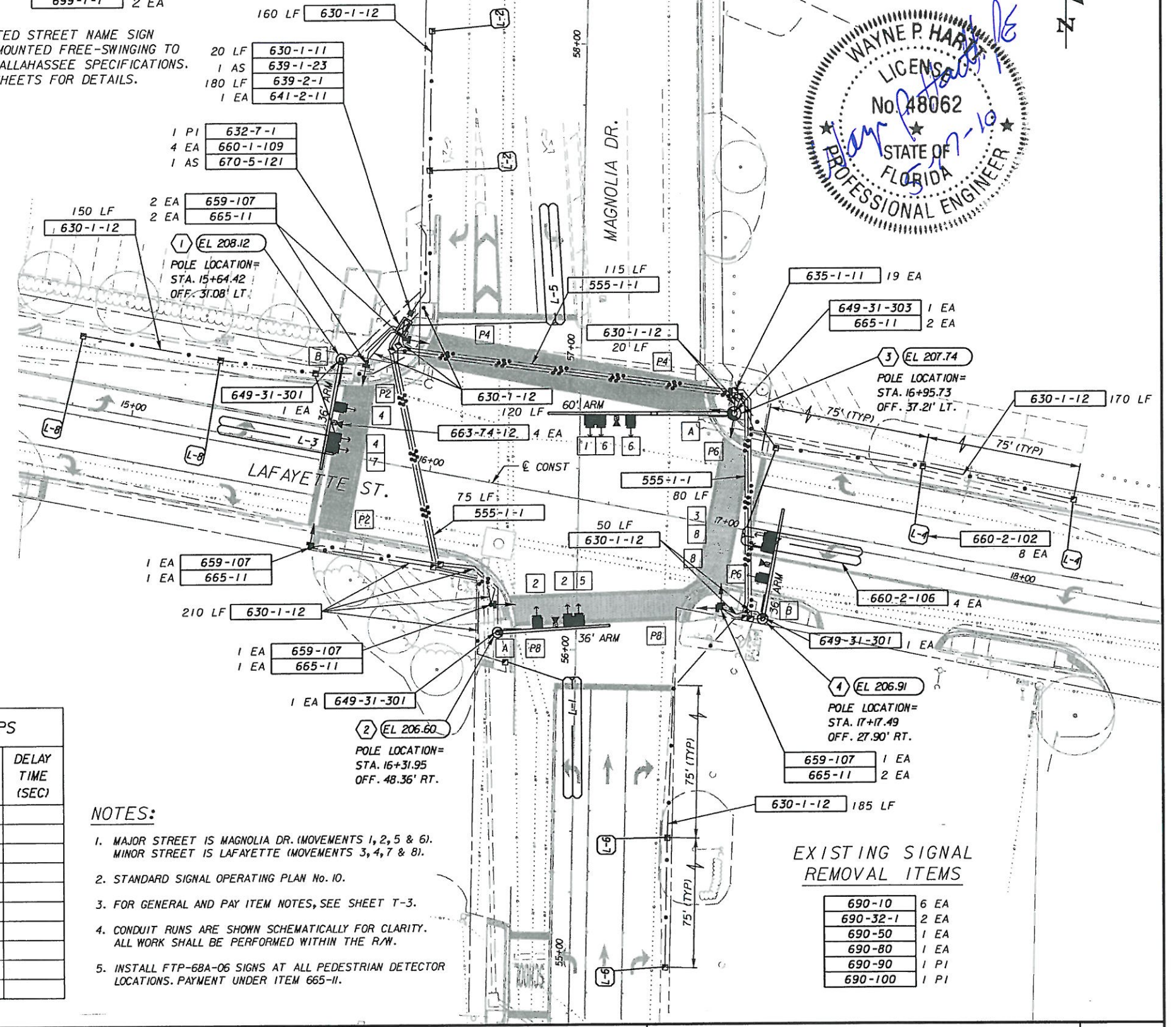
TIMING FUNCTION	1	5	2	6	3	7	4	8
MINIMUM GREEN								
EXTENSION								
MAXIMUM GREEN 1								
MAXIMUM GREEN 2								
YELLOW CLEARANCE								
ALL RED								
PEDESTRIAN WALK								
PED. CLEARANCE								
RECALL								

NOTE: TIMINGS TO BE DETERMINED BY THE CITY OF TALLAHASSEE SIGNAL TIMING ENGINEER.

LOOP	NO. OF LOOPS	NO. OF NEW DETS.	CHANNEL NO.	DELAY TIME (SEC)
L-1	1	1	1	
L-5	1	1	2	
L-2	2	1	1	
L-6	2	1	2	
L-3	1	1	1	
L-7	1	1	2	
L-4	2	1	1	
L-8	2	1	2	

**NOTES:**

- MAJOR STREET IS MAGNOLIA DR. (MOVEMENTS 1, 2, 5 & 6). MINOR STREET IS LAFAYETTE (MOVEMENTS 3, 4, 7 & 8).
- STANDARD SIGNAL OPERATING PLAN NO. 10.
- FOR GENERAL AND PAY ITEM NOTES, SEE SHEET T-3.
- CONDUIT RUNS ARE SHOWN SCHEMATICALLY FOR CLARITY. ALL WORK SHALL BE PERFORMED WITHIN THE R/W.
- INSTALL FTP-68A-06 SIGNS AT ALL PEDESTRIAN DETECTOR LOCATIONS. PAYMENT UNDER ITEM 665-II.



**EXISTING SIGNAL REMOVAL ITEMS**

690-10	6 EA
690-32-1	2 EA
690-50	1 EA
690-80	1 EA
690-90	1 PI
690-100	1 PI

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

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**SIGNALIZATION PLAN**

SHEET NO.  
T-4









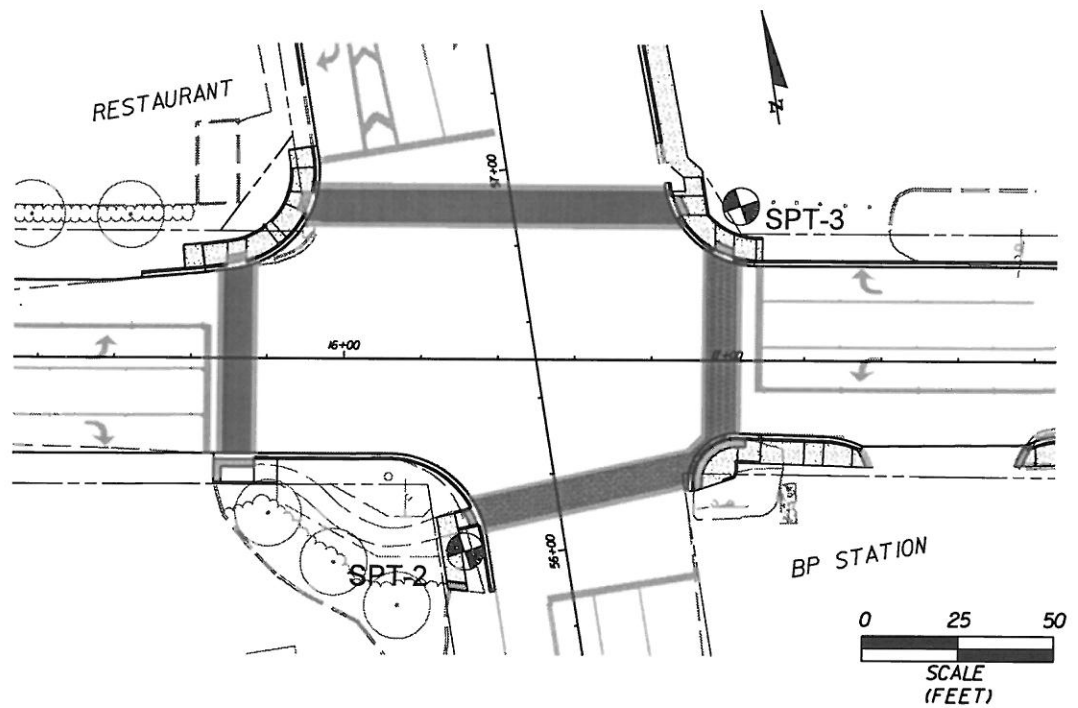




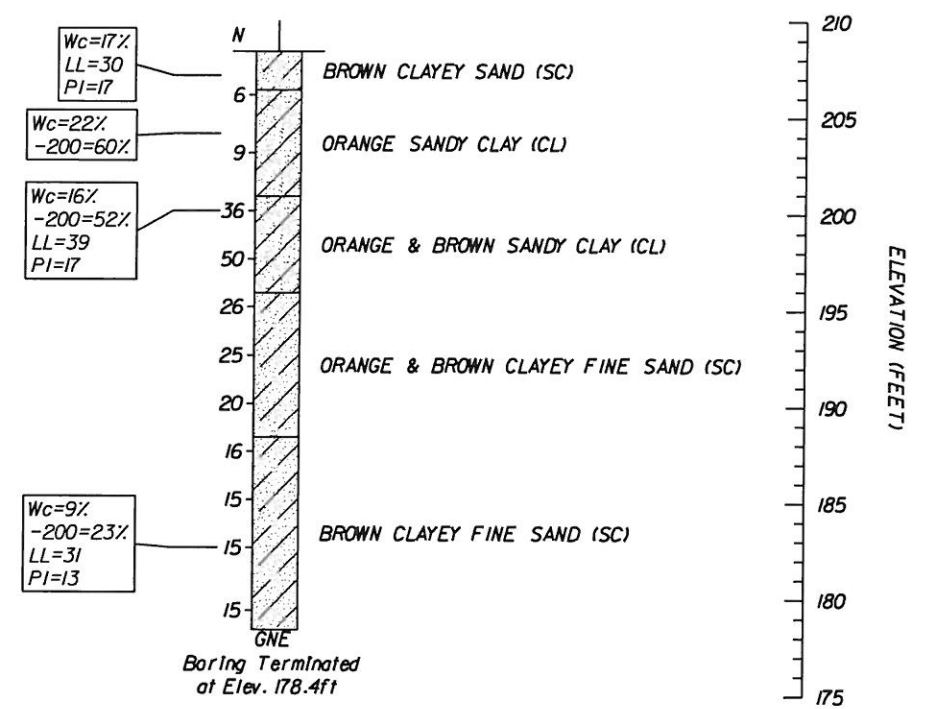
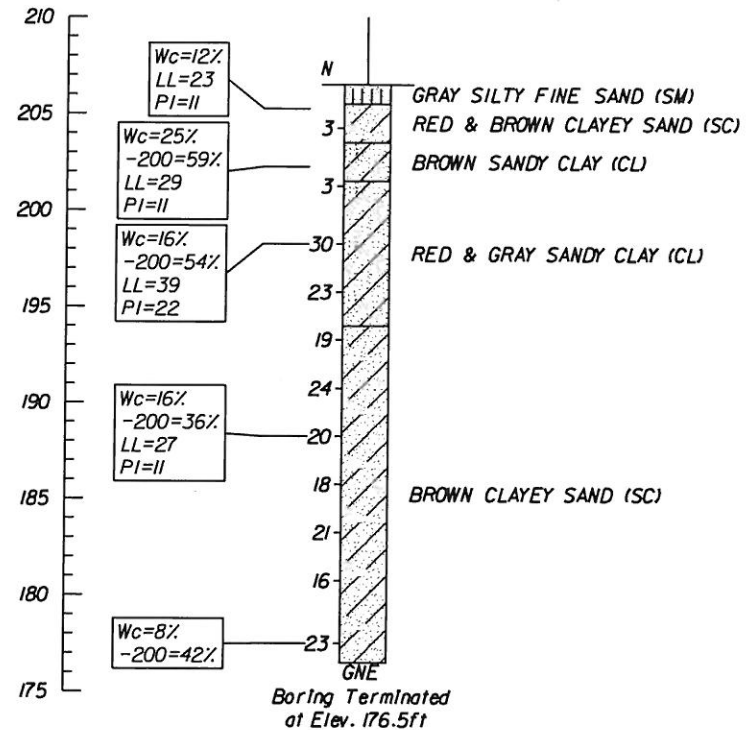


BOR # SPT-2  
 STA. 16+32 CL CONST (LAFAYETTE ST)  
 OFF. 50 FEET RIGHT  
 ELEV. 206.5 FEET  
 DATE 9/20/2007  
 DRILLER B. GUERRA  
 HAMMER SAFETY  
 RIG BK-5IHD

BOR # SPT-3  
 STA. 17+03 CL CONST (LAFAYETTE ST)  
 OFF. 40 FEET LEFT  
 ELEV. 208.4 FEET  
 DATE 9/20/2007  
 DRILLER B. GUERRA  
 HAMMER SAFETY  
 RIG BK-5IHD



ELEVATION (FEET)



ELEVATION (FEET)

NOTES

- Numbers left of borings indicate standard penetration test (SPT) N-values for 12 in. penetration (Unless otherwise noted)
- Soil descriptions, test data, and standard penetration values shown are for the soil boring only and may not apply to any other locations except at the location of the soil boring. Extrapolation of the soil boring data to other locations is the sole responsibility of the person performing the extrapolation.

Granular Materials	SPT	Silts and Clays	SPT
Relative Density	(blows/12 in.)	Consistency	(blows/12 in.)
Very Loose	Less than 4	Very Soft	Less than 2
Loose	4 - 10	Soft	2 - 4
Medium or Compact	10 - 30	Firm	4 - 8
Dense	30 - 50	Stiff	8 - 15
Very Dense	Greater than 50	Very Stiff	15 - 30
		Hard	Greater than 30

SPLIT-SPOON: INSIDE DIAMETER: 1.5 in.  
 OUTSIDE DIAMETER: 2.0 in.  
 AVG. HAMMER DROP: 30.0 in.  
 HAMMER WEIGHT: 140 lbs.  
 HAMMER TYPE: Safety

LEGEND

- GROUNDWATER NOT ENCOUNTERED GNE
- LABORATORY RESULTS
- WATER CONTENT Wc=
- 200 MESH -200=
- LIQUID LIMIT LL=
- PLASTICITY INDEX PI=
- (SC) UNIFIED SOIL CLASSIFICATION GROUP SYMBOL
- Silty Sand (SM)
- Clayey Sand (SC)
- Sandy Clay (CL)

REVISIONS				DATE		BY		DESCRIPTION	

DRAWN BY	MJH	DATE	10/02/07
CHECKED BY			
DESIGNED BY			
CHECKED BY			
APPROVED BY	M. HAYDEN, P.E.		

MYRON L. HAYDEN, P.E. P.E. NO.: 34067 Environmental & Geotechnical Specialists, Inc.		CITY OF TALLAHASSEE DEPARTMENT OF PUBLIC WORKS	
EGS 3154 Eliza Road Tallahassee, Florida 32308 Office: (850) 385-1253 Fax: (850) 385-8050		ROAD NO.	COUNTY
Certificate of Authorization: 6222		--	LEON

SHEET TITLE: REPORT OF CORE BORINGS		PROJECT NAME: CR 2196 (EAST LAFAYETTE STREET) AT SR 265 (MAGNOLIA DRIVE)	
SHEET NO. T-8		5/18/2010 11:20:37 AM T:\E\Projects\05891-000-002_LAF_MAG\geotech\SGGE001.DGN	