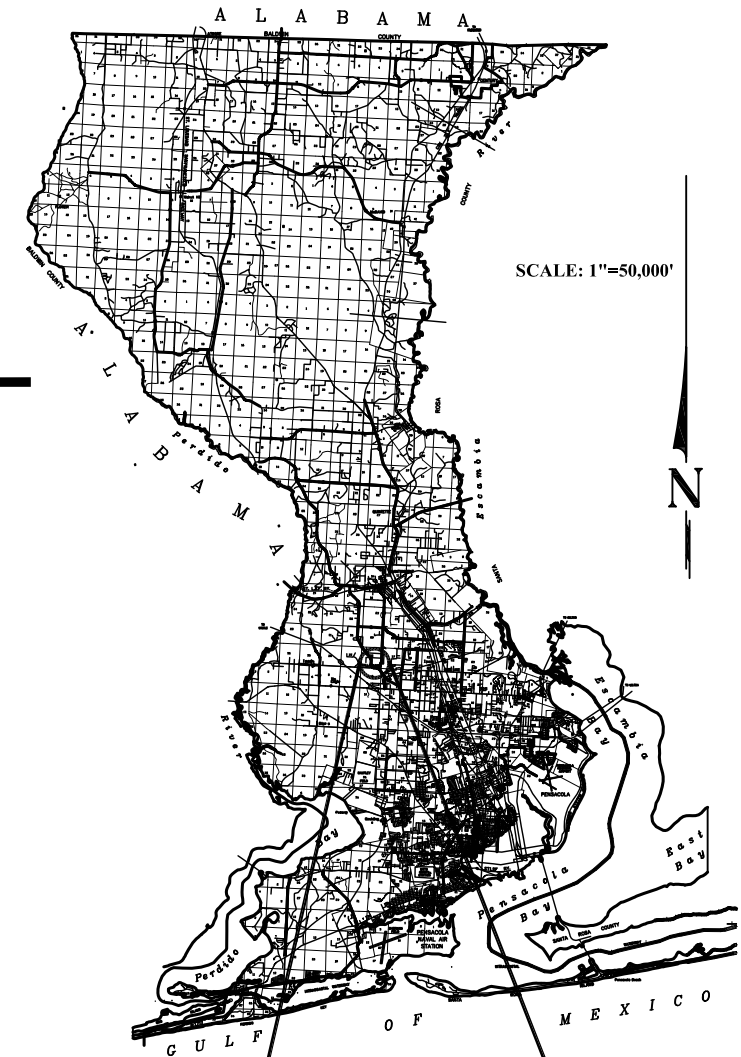




**BOARD OF COUNTY COMMISSIONERS
 ESCAMBIA COUNTY, FLORIDA
 PUBLIC WORKS BUREAU
 ENGINEERING DIVISION**



**PLANS PROPOSED FOR
 HIGHWAY 97 PHASE I
 ROADWAY WIDENING AND DRAINAGE
 IMPROVEMENTS**

INDEX OF PLANS

SHEET NO.	SHEET DESCRIPTION
C1	KEY SHEET
C2	GENERAL NOTES
C3	SUMMARY OF PAY ITEMS
C4	SUMMARY OF QUANTITIES
C5	TYPICAL SECTION
C6	MISCELLANEOUS DETAILS
C7	DRAINAGE DETAIL SHEET
C8	PROJECT LAYOUT
C9-C17	ROADWAY PLAN AND PROFILE
C18-C20	DRAINAGE STRUCTURES
C21-C26	CROSS SECTIONS
C27	PAVEMENT MARKING DETAIL

ENGINEERING CONSULTANT:



HAMMOND ENGINEERING, INC.
 FLORIDA AUTHORIZATION NO. 9130
 ALABAMA AUTHORIZATION NO. 3277
 3802 NORTH "S" STREET
 PENSACOLA, FLORIDA 32505
 850.434.2603
 850.434.2650 (FAX)
 TOM@SELANDDESIGN.COM

RELEASED FOR CONSTRUCTION

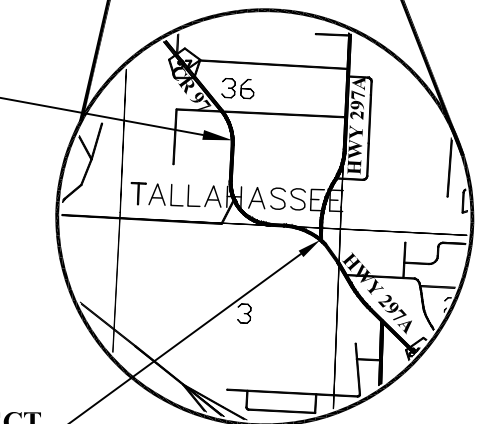
**REVISED
 AUGUST 17, 2016**

COMMISSIONERS

- | | |
|-----------------------|--|
| DISTRICT ONE | WILSON ROBERTSON |
| DISTRICT TWO | DOUG UNDERHILL |
| DISTRICT THREE | LUMON MAY |
| DISTRICT FOUR | GROVER ROBINSON IV- VICE CHAIRMAN |
| DISTRICT FIVE | STEVEN BARRY, CHAIRMAN |

END PROJECT
 STA. 52+50.00

BEGIN PROJECT
 STA. 9+19.00



VICINITY MAP

LENGTH OF PROJECT= 4331 LF
 0.82 MI

THESE PLANS HAVE BEEN PREPARED IN ACCORDANCE WITH THE LATEST ESCAMBIA COUNTY TECHNICAL SPECIFICATIONS.

ANY REFERENCE TO FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION, DIVISION 1, GENERAL REQUIREMENTS AND COVENANTS, SHALL BE EXCLUDED AND NOT APPLICABLE TO ANY SPECIFICATION REFERRED HEREIN OR OTHERWISE LISTED IN THESE PLANS OR RELATED DOCUMENTS OR THE ESCAMBIA COUNTY TECHNICAL SPECIFICATIONS.

NUMBER	REVISION	DATE
1.	AS PER ESCAMBIA COUNTY	3/13/15
2.	AS PER ADDENDUM #2	4/16/15
3.	CENTERLINE REALIGNMENT	8/2/16
4.	ADDITIONAL CHANGE ITEMS	8/17/16

PROJECT MANAGER: ELIZABETH BUSH	
SECTION / TOWNSHIP / RANGE: 25 / 1S / 30W	DISTRICT: V
PROJECT ENGINEER: T. HAMMOND	REG FLA ENG NO: 54574
SIGNATURE:	DATE:

GENERAL NOTES:

- THE CONTRACTORS SHALL NOTIFY THE COUNTY DESIGN ENGINEER OR DESIGNEE 48 HOURS PRIOR TO CONSTRUCTION.
- ALL CONDITIONS AND STIPULATIONS OF THE CONSTRUCTION PERMITS AND THE APPROVALS ISSUED BY THE ESCAMBIA COUNTY ENGINEER SHALL BE COMPLIED WITH IN EVERY DETAIL.
- THE LOCATION SHOWN FOR EXISTING UNDERGROUND UTILITIES IS APPROXIMATE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK IN EACH AREA. THE CONTRACTOR AGREES TO BE COMPLETELY RESPONSIBLE FOR ALL DAMAGES WHICH MIGHT OCCUR BY HIS FAILURE TO EXACTLY LOCATE AND PRESERVE ALL UTILITIES.
- ALL ROADS DAMAGED BY CONSTRUCTION OPERATIONS ARE TO BE PATCHED OR RECONSTRUCTED AS DIRECTED BY THE COUNTY ENGINEER OR DESIGNEE.
- THE CONTRACTOR SHALL TAKE STEPS NECESSARY TO PREVENT EROSION AND ANY OFF SITE SEDIMENT TRANSPORT RESULTING FROM INCREASED RUNOFF DURING CONSTRUCTION BY PROVIDING SILT FENCE AND/OR STAKED HAY BALES AS REQUIRED BY FDOT INDEX 102, THE FLORIDA STORMWATER, EROSION, AND SEDIMENT CONTROL INSPECTOR'S MANUAL, 2000 EDITION, OR AS INDICATED ON THE PLANS. ALL EROSION CONTROL MEASURES SHALL REMAIN IN PLACE UNTIL ASSOCIATED DISTURBED AREAS ARE STABILIZED AS TO REDUCE SEDIMENT RUNOFF, UNLESS OTHERWISE DIRECTED BY THE ENGINEER OR DESIGNEE.
- ANY NECESSARY PERMITS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. ESCAMBIA COUNTY OR ITS DESIGNEE WILL ASSIST CONTRACTOR WITH REQUIRED PERMITS.
- THE CONTRACTOR IS CAUTIONED TO VISIT THE SITE AND FAMILIARIZE HIMSELF WITH THE PROJECT PRIOR TO BIDDING AND/OR CONSTRUCTION.
- IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PRESERVE OR RELOCATE ALL BENCHMARKS AS NEEDED DURING CONSTRUCTION. ANY PUBLIC LAND CORNER MONUMENTS WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR DESIGNEE IMMEDIATELY. ANY ESCAMBIA COUNTY HARN/GPS NETWORK MONUMENT WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED. IF A HARN/GPS NETWORK MONUMENT IS DISTURBED OR DESTROYED THE CONTRACTOR SHALL BE RESPONSIBLE TO REPLACE THE MONUMENT, HAVE THE POSITION DETERMINED BY A FLORIDA LICENSED PROFESSIONAL SURVEYOR AND MAPPER, USING GUIDELINES AS ESTABLISHED BY NATIONAL GEODETIC SURVEY FOR BLUE BOOKING AND APPROVAL.
- ALL FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION, DIVISION OF STATE LANDS, BUREAU OF SURVEY AND MAPPING GPS NETWORK MONUMENTATION SHALL BE PROTECTED AT ALL TIMES. ANY DISTURBANCE TO SAID MONUMENTS SHALL BE REPLACED AT THE CONTRACTORS EXPENCE WITH NO COMPENSATION FROM THE COUNTY.
- EXISTING DRAINAGE FEATURES WITHIN CONSTRUCTION LIMITS SHALL BE REMOVED UNLESS OTHERWISE NOTED.
- THE CONTRACTOR IS TO USE CAUTION WHEN WORKING IN OR AROUND AREAS OF OVERHEAD TRANSMISSION LINES AND UNDERGROUND UTILITIES.
- EXISTING STREETS AND DRIVES SHALL BE MAINTAINED TO LOCAL TRAFFIC AND PROPERTY OWNERS WITHIN THE AREA OF CONSTRUCTION ONLY.
- ALL ROADWAY CONSTRUCTION SHALL COMPLY WITH THE ESCAMBIA COUNTY TECHNICAL SPECIFICATIONS, LATEST EDITION.
- ALL MATERIALS, TESTING AND CONSTRUCTION METHODS SHALL CONFORM TO THE ESCAMBIA COUNTY TECHNICAL SPECIFICATIONS, LATEST EDITION.
- ANY REFERENCE TO FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION, DIVISION 1, GENERAL REQUIREMENTS AND COVENANTS, SHALL BE EXCLUDED AND NOT APPLICABLE TO ANY SPECIFICATION REFERRED HEREIN OR OTHERWISE LISTED IN THESE PLANS OR RELATED DOCUMENTS OR THE ESCAMBIA COUNTY TECHNICAL SPECIFICATIONS.
- EXISTING STREET AND ROAD NAME SIGNS ON THE PROJECT SHALL BE KEPT VISIBLE AT ALL TIMES FOR THE FACILITATION OF ACCESS BY EMERGENCY VEHICLES. ALL OTHER EXISTING SIGNS THAT CONFLICT WITH CONSTRUCTION OPERATIONS SHALL BE TAKEN DOWN AND STOCKPILED WITHIN THE R/W LIMITS BY THE CONTRACTOR AS DIRECTED BY THE COUNTY ENGINEER OR DESIGNEE. ANY EXISTING SIGNS THAT ARE TO BE RELOCATED AND ARE DAMAGED BEYOND USE BY THE CONTRACTOR SHALL BE REPLACED BY THE CONTRACTOR AT HIS EXPENSE.
- WHERE ROADWAY CLOSURES ARE NOT UTILIZED, THE CONTRACTOR SHALL MAINTAIN AT LEAST ONE 10' OPEN LANE AT ALL TIMES. NO OPEN EXCAVATION SHALL REMAIN OVER NIGHT. CONTRACTOR SHALL RESTORE ROAD TO TWO LANES OF TRAFFIC AT THE END OF EACH WORK DAY. NOTIFICATION OF LANE CLOSURES SHALL BE ACCOMPLISHED FOURTEEN (14) WORKING DAYS BEFORE CLOSURE BY CONTACTING ESCAMBIA COUNTY PUBLIC WORKS.
- CONTRACTOR SHALL COMPLY WITH ALL F.D.E.P. AND ARMY CORP. OF ENGINEERS REQUIREMENTS.
- ONLY ACCESS TO THE ROAD R/W AS SHOWN IS GUARANTEED BY THE COUNTY. PRIVATE R/W REQUIRED BY THE CONTRACTOR TO FACILITATE CONSTRUCTION SHALL BE ACQUIRED BY THE CONTRACTOR WITH NO ADDITIONAL COMPENSATION OR ASSISTANCE FROM THE COUNTY.
- IN THE EVENT THAT SURVEY MONUMENTATION OR REFERENCE POINTS ARE MISSING OR HAVE BEEN DESTROYED, PLEASE CONTACT:

RICK COLOCADO, PLS
ESCAMBIA COUNTY SURVEYOR
1190 W. LEONARD STREET
PENSACOLA, FLORIDA 32501 PH (850) 595-3434
- VEGETATION ON R/W AND EASEMENTS SHALL BE RESTORED TO ORIGINAL CONDITION UNLESS OTHERWISE NOTED ON THE PLAN SHEETS. COST OF SAID RESTORATION SHALL BE CONSIDERED INCIDENTAL TO OTHER PAY ITEMS.
- UTILITIES TO REMAIN SHALL BE PROTECTED DURING CONSTRUCTION. NECESSARY REPAIRS SHALL BE CONSIDERED INCIDENTAL TO OTHER PAY ITEMS AND SHALL BE TO THE SATISFACTION OF UTILITY OWNERS.
- GRADED AGGREGATE BASE SHALL BE REQUIRED WHERE THE SEASONAL HIGH GROUND WATER ENCLOSES WITHIN TWO (2) FEET OF THE BOTTOM OF BASE.
- ALL TREES WITHIN LIMITS OF CONSTRUCTION SHALL BE REMOVED UNLESS OTHERWISE NOTED IN PLANS.
- ALL COMPACTED FILL SHALL BE PLACED IN 4" LIFTS FOR HAND POWERED TAMPERS AND 8" LIFTS FOR HEAVY EQUIPMENT OPERATED TAMPERS.
- MAINTENANCE OF TRAFFIC AS PER FDOT INDEX 600.
- ALL SPEED BUMPS THAT ARE DISTURBED DURING CONSTRUCTION SHALL BE REPLACED TO THE LATEST ESCAMBIA COUNTY DESIGN SPECIFICATIONS. ALL COSTS FOR REPLACEMENT OF SAID SPEED BUMPS SHALL BE INCIDENTAL TO OTHER ITEMS AND NO ADDITIONAL COMPENSATION SHALL BE CONSIDERED.
- ALL EXISTING MAILBOXES INTERFERING WITH NEW CONSTRUCTION SHALL BE RELOCATED OR REPLACED BY THE CONTRACTOR IN ACCORDANCE WITH POSTAL REQUIREMENTS. ALL EXISTING BRICK MAILBOXES WITHIN LIMITS OF CONSTRUCTION OR COUNTY RIGHT OF WAY SHALL BE REMOVED AND PLACED ON THE PROPERTY LINE OF THE OWNER. CONTRACTOR SHALL REPLACE EXISTING BRICK MAILBOX WITH APPROVED PLASTIC BREAK AWAY MAILBOX.

- WHERE UNSUITABLE MATERIAL, AS DEFINED BY THE COUNTY SPECIFICATIONS SECTION 02300, 1.3(I), IS ENCOUNTERED IN THE AREAS PROPOSED FOR PAVING, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE COUNTY ENGINEER OR DESIGNEE PRIOR TO ANY EXCAVATION.
- THE PIPE LENGTHS SHOWN IN THE PLANS DO NOT INCLUDE THE LENGTH OF PIPE THAT MUST BE INSTALLED WITH THE MITERED END SECTION. THEREFORE, ALL PIPES LENGTHS ASSOCIATED WITH MITERED END SECTIONS SHALL BE PAID FOR IN THE UNIT COST OF THE MITERED END SECTION.
- UTILITY OWNERS SHALL BE NOTIFIED AT LEAST 48 HOURS PRIOR TO ANY CONSTRUCTION SO THAT THE UTILITY OWNER CAN SPOT VERIFY AND/OR EXPOSE THEIR UTILITIES. KNOWN UTILITIES OWNERS INCLUDE:

GAS
ENERGY SERVICES OF PENSACOLA
1625 ATWOOD DRIVE
PENSACOLA, FL 32514
MR. CLINT SHEVAT
(850) 473-6924 VOICE
(850) 474-5330 FAX
CShevata@ci.pensacola.fl.us

ELECTRIC
GULF POWER COMPANY
CHAD SWAILS
FDOT PROJECT SPECIALIST
5120 DOGWOOD DRIVE
MILTON, FL 32570-4502
(850) 429-2446 VOICE
(850) 429-2432 FAX
ceswails@southernco.com

WATER AND WASTEWATER
EMERALD COAST UTILITIES AUTHORITY
(ECUA)
9300 STURDEVANT ST
PENSACOLA, FLORIDA 32514-0311
MR. BRANDON KNIGHT
(850) 698-4609 VOICE
(850) 494-7335 FAX
Bknight@ecua.org

FARM HILL UTILITIES, INC
PO BOX 61
CANTONMENT, FL 32533
MR. MIKE GUNN
(850) 968-2573 VOICE
(850) 937-0930 FAX
slbracken@panhandle.rr.com

AT&T COMMUNICATIONS
360 GEES MILL BUSINESS PARKWAY
CONYERS, GA 30013
MR. GENE GEREN
(770) 602-2121 VOICE
(770) 335-8256 CELL

COMMUNICATION
COX COMMUNICATION COMPANY
3405 MCLEMORE DR
PENSACOLA, FL 32514
MR. TROY YOUNG
(850) 857-4551 VOICE
(850) 475-0621 FAX
troy.young@cox.com

BRIGHT HOUSE NETWORKS
240 HWY 97 SOUTH
CANTONMENT, FL 32533
MR. RAY LEPLEY
(850) 554-8822 VOICE
(850) 602-9200 FAX
albert.lepley@mybriighthouse.com

QUEST COMMUNICATIONS COMPANY
1860 LINCOLN ST
2ND FLOOR
DENVER, CO 80295
MR. GEORGE MCELVAIN
(303) 837-3926 VOICE
(928) 752-7810 FAX

AT&T FLORIDA
605 W GARDEN ST
2ND FLOOR
PENSACOLA, FL 32501
MR. HAL HINOTE
(850) 913-3709 VOICE
(850) 774-3743 CELL
hh3178@att.com

DELTACOM, INC.
1801 HILLYER ROBINSON PARKWAY
ANNISTON, AL 36207
MR. JOHN MCGUFFEY
(256) 241-6438 VOICE
(256) 241-3744 FAX
john.mcguffey@deltacom.com

NOTES:

MAINTENANCE OF TRAFFIC PLAN TO BE IMPLEMENTED PRIOR TO ANY WORK IN THE CR 97 R/W IN ACCORDANCE WITH THE LATEST FDOT DESIGN STANDARDS.

STORMWATER POLLUTION PREVENTION PLAN TO BE IMPLEMENTED PRIOR TO ANY WORK IN THE CR 97 R/W IN ACCORDANCE WITH THE LATEST FDOT DESIGN STANDARDS.

DATE	ORIGINATOR (RP)	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL	REVIEW	DATE	ORIGINATOR (GR)	Correct (Green Highlighter) Change (Red Pen)	DATE	VERIFICATION, CHECKER (OR)	(Blue Highlighter)	DATE
DATE	CHECKER (RP)	CHANGE INCORPORATION		DATE	CHECKER (GR)	(Red Pen X-Out to Disagree or Remark)	DATE	REMARK INCORPORATION	(Blue Highlighter)	DATE
DATE				DATE	ORIGINATOR VERIFICATION	Correct (Pink Highlighter)	DATE			DATE

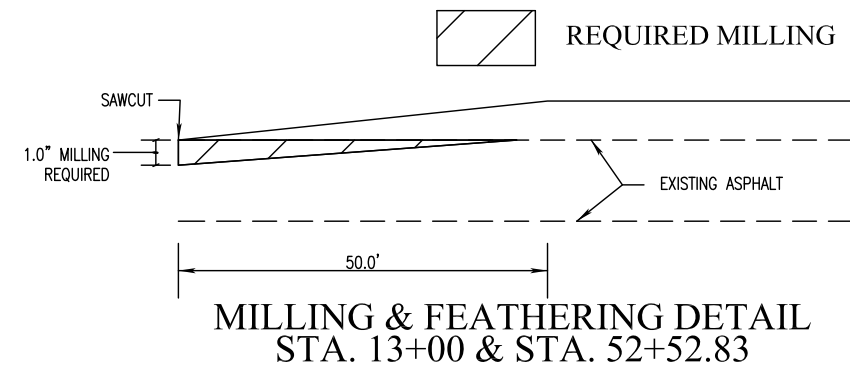
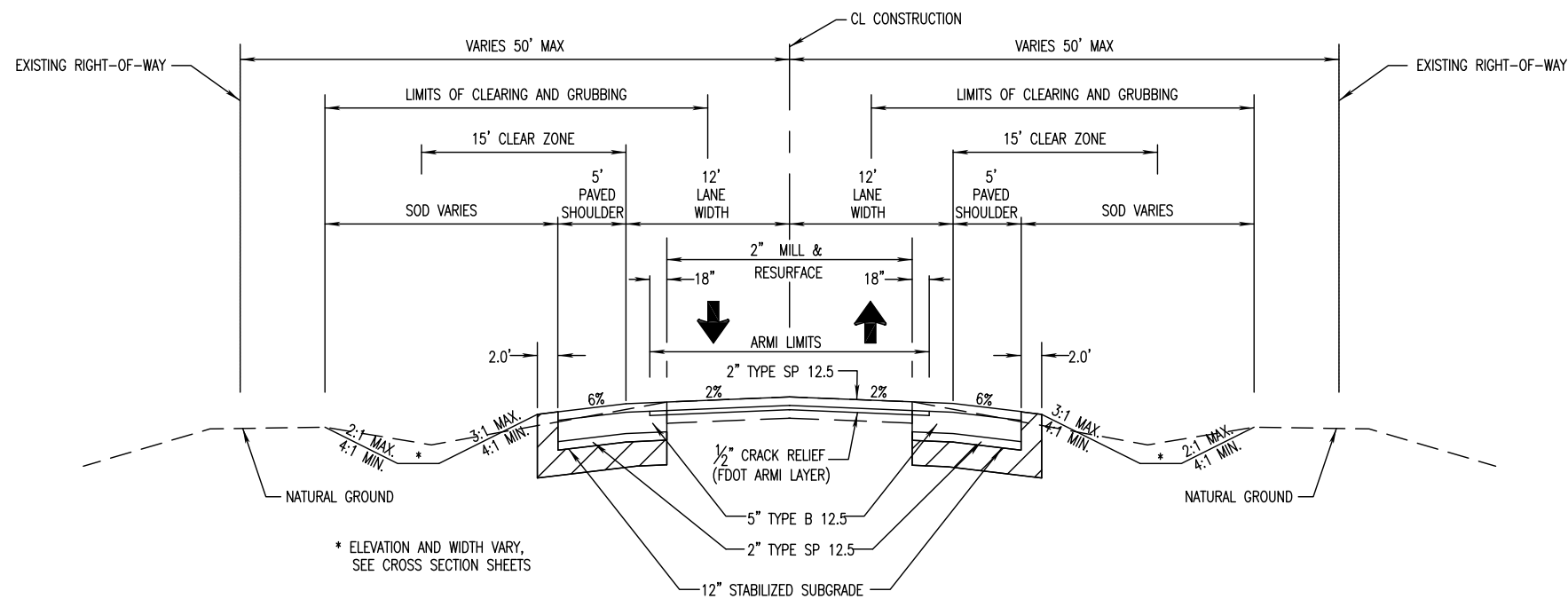
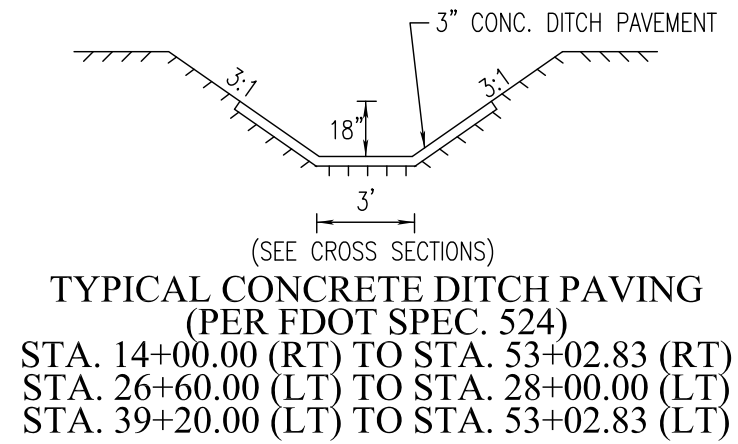
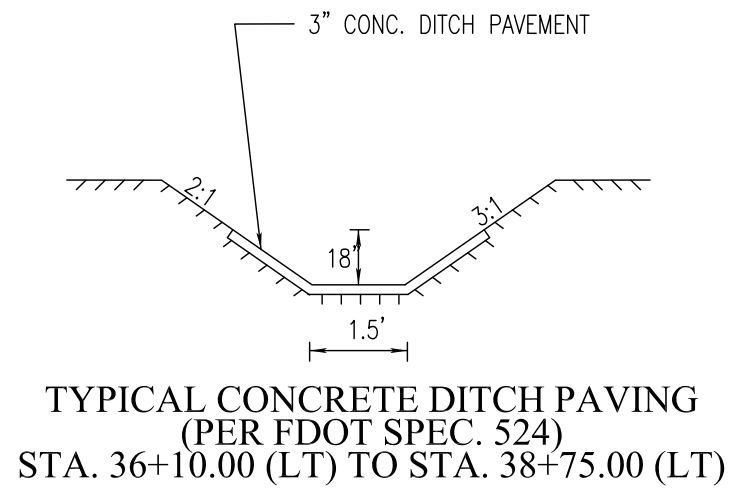
**HIGHWAY 97 PHASE I
ROADWAY WIDENING AND DRAINAGE
IMPROVEMENTS**



HAMMOND ENGINEERING, INC.
FLORIDA AUTHORIZATION NO. 9130
ALABAMA AUTHORIZATION NO. 3277
3802 NORTH 'S' STREET
PENSACOLA, FL 32505
PHONE: (850) 434-2603 FAX: (850) 434-2650

APPROVED BY:	E. BUSH	DATE:	3/13/15
DESIGNED BY:	T. HAMMOND	DATE:	4/16/15
DRAWN BY:	T. HAMMOND	DATE:	8/2/16
CHECKED BY:	T. HAMMOND	DATE:	8/7/16
PROJECT MANAGER:	E. BUSH	DISTRICT:	FIVE
DRAWN BY: T. HAMMOND REG. P.A. ENG. NO. 54574			
DATE: JULY 2014			
SIGNATURE:			
PROJECT NUMBER: 12-007			
SURVEY NUMBER:			
PG. C2 of C27			

PHASE	REVIEW	DATE	ORIGINATOR (RP)	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL	DATE	ORIGINATOR (GR)	Correct (Green Highlighter) Change (Red Pen)	DATE	VERIFICATION, CHECKER (OR)	(Blue Highlighter)	DATE
SIGNATURE:									REMARK INCORPORATION	(Blue Highlighter)	DATE
									ORIGINATOR VERIFICATION	Correct (Pink Highlighter)	DATE



- NOTE:**
- DITCH INVERT ELEVATIONS, SEE CROSS SECTION SHEETS.
 - EXISTING SUBGRADE MATERIAL SHALL BE COMPACTED TO 95% MODIFIED PROCTOR (LBR 40 MIN.) IN ALL WIDENING AREAS WITHIN THE PROPOSED 12' TRAVEL LANES.

HIGHWAY 97 PHASE I
ROADWAY WIDENING AND DRAINAGE
IMPROVEMENTS



HAMMOND ENGINEERING, INC.
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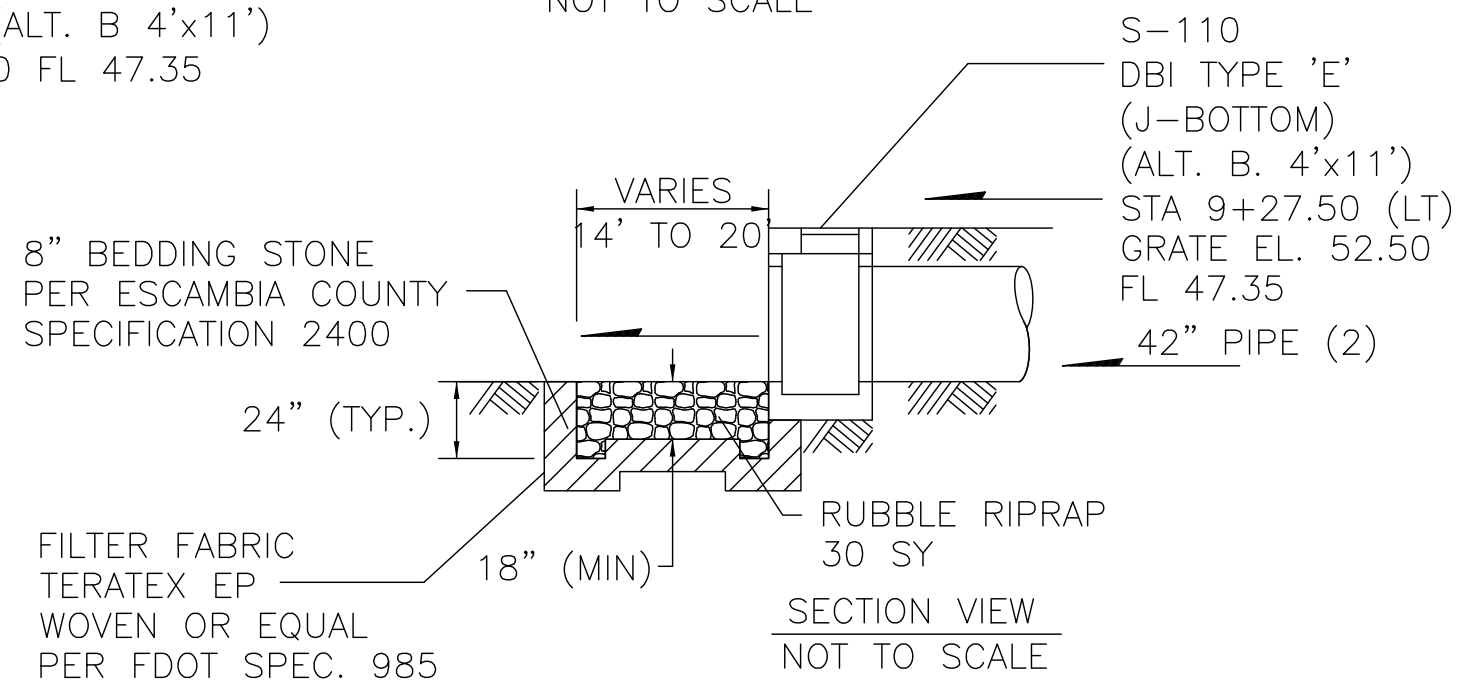
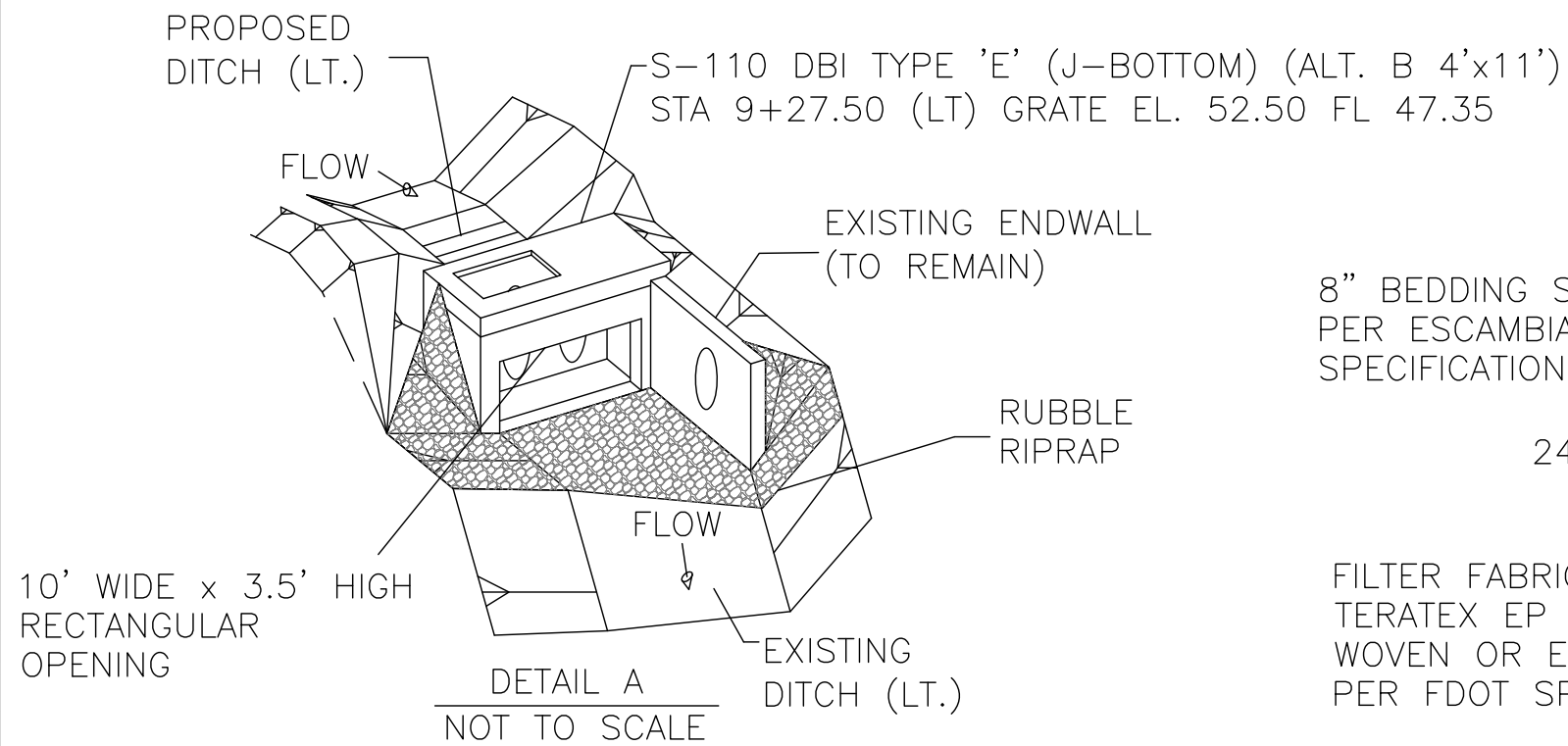
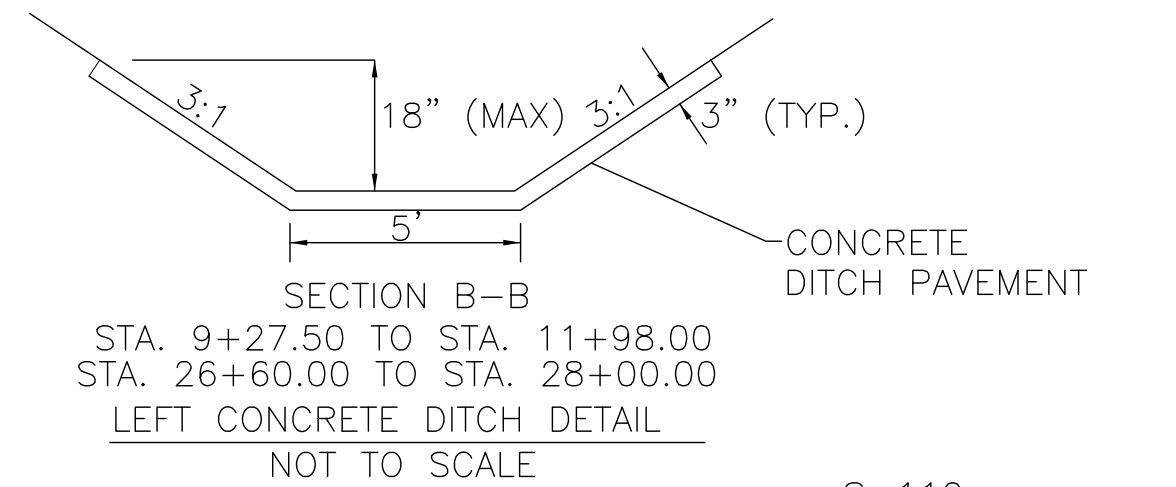
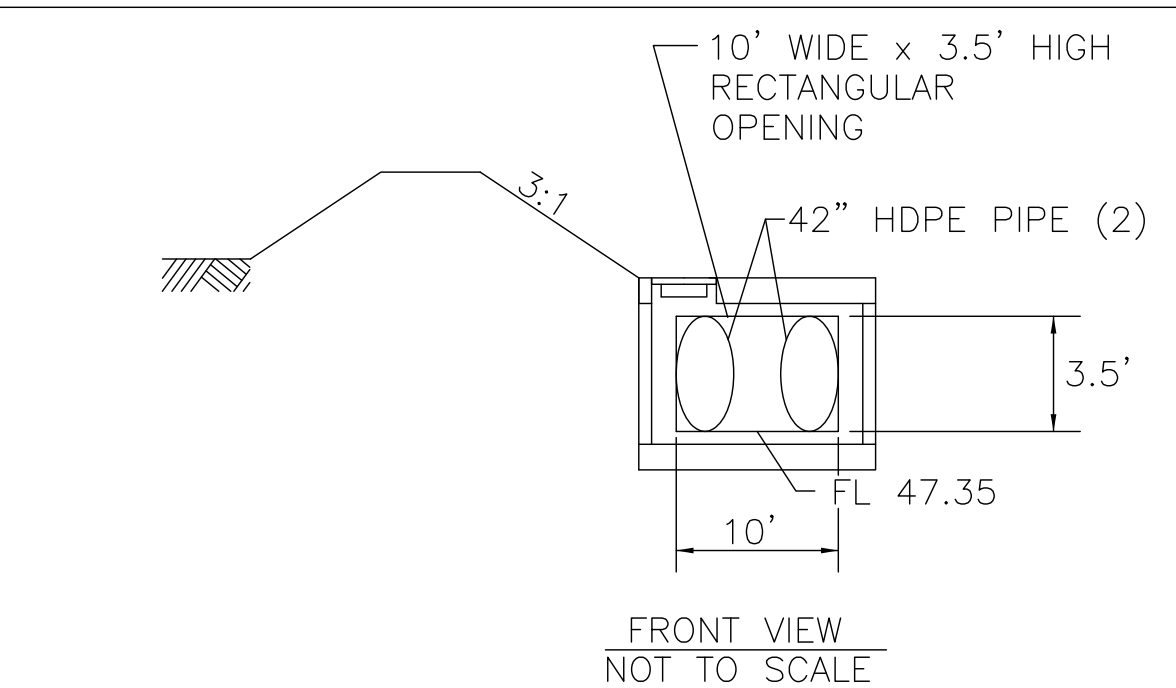
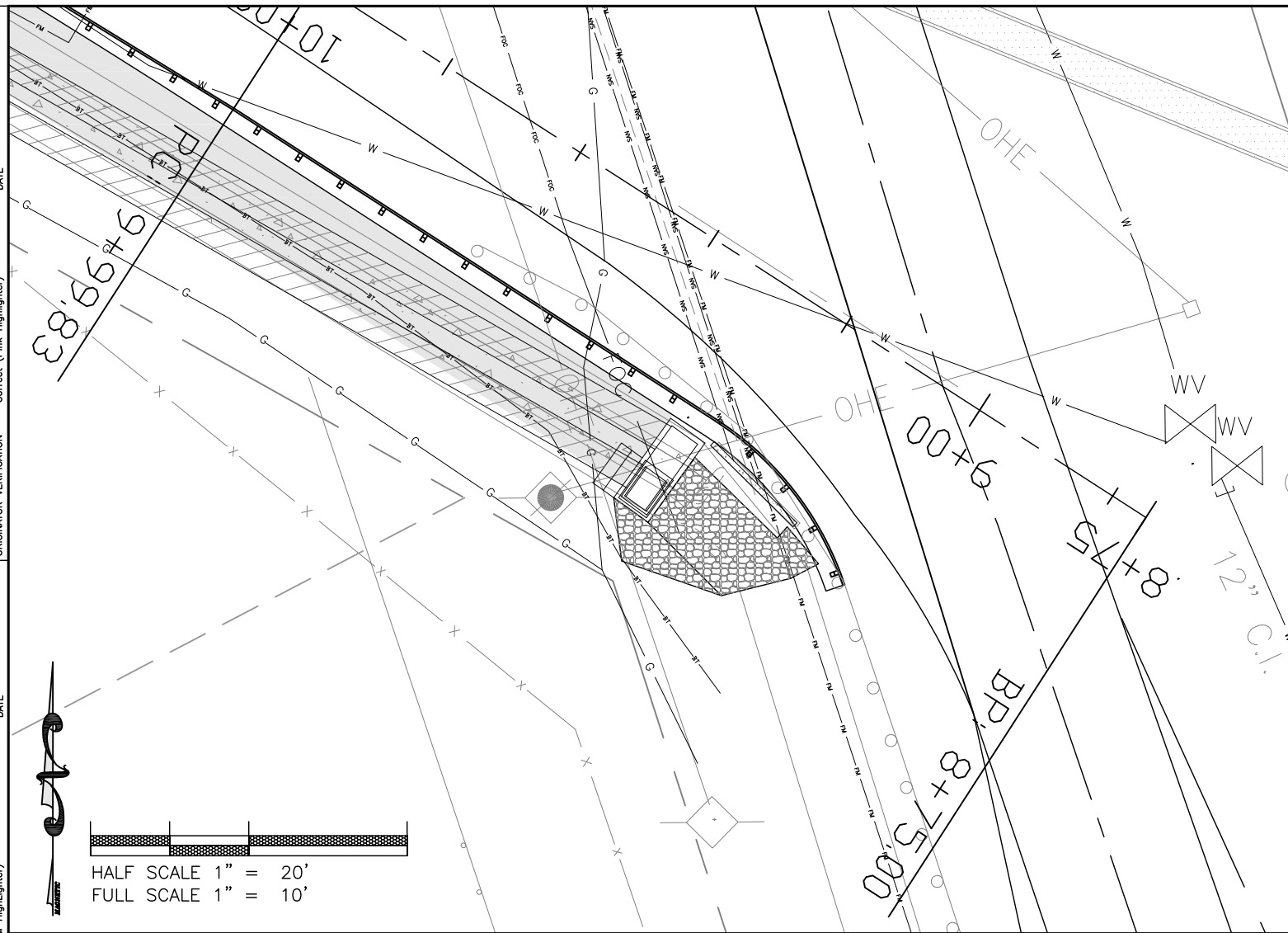
APPROVED BY:	E. BUSH	DATE:	3/13/15
DESIGNED BY:	T. HAMMOND	DATE:	8/7/16
CHECKED BY:	T. HAMMOND	DATE:	8/7/16
DRAWN BY:	T. HAMMOND	DATE:	8/7/16
PROJECT MANAGER:	E. BUSH	DISTRICT:	FIVE
SIGNATURE:		DATE:	JULY 2014

PHASE _____ REVIEW _____
 SIGNATURE: _____

ORIGINATOR (RP) _____ DATE _____
 PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP) _____
 CHECKER (RP) _____ DATE _____
 CHANGE INCORPORATION (Yellow Highlighter) _____

ORIGINATOR (GR) _____ DATE _____
 CORRECT (Green Highlighter) Change (Red Pen) _____
 CHECKER (RP) _____ DATE _____
 (Red Pen X-Out to Disagree or Remark)

VERIFICATION, CHECKER (OR) _____ DATE _____
 REMARK INCORPORATION (Blue Highlighter) _____
 ORIGINATOR VERIFICATION Correct (Pink Highlighter) _____



HIGHWAY 97 PHASE I
ROADWAY WIDENING AND DRAINAGE IMPROVEMENTS

ESCAMBIA COUNTY
FLORIDA

HAMMOND ENGINEERING, INC.
 FLORIDA AUTHORIZATION NO. 9130
 ALABAMA AUTHORIZATION NO. 3277
 3802 NORTH 'S' STREET
 PENSACOLA, FL 32505
 PHONE: (850) 434-2603 FAX: (850) 434-2650

DESIGNED BY: T. HAMMOND
 CHECKED BY: T. HAMMOND
 REG. P.A. ENG. NO. 54574

DRAWN BY: E. BUSH
 DATE: JULY 2014

PROJECT MANAGER: E. BUSH
 DISTRICT: FIVE

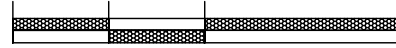
REVISIONS	DATE	APPROVED BY:
1. AS PER ESCAMBIA COUNTY	3/13/15	E. BUSH
2. AS PER ADDENDUM #2	4/16/15	E. BUSH
3. INTERSECTION REALIGNMENT	8/2/16	E. BUSH
4. ADDITIONAL CHANGE ITEMS	8/17/16	E. BUSH

NUMBER 12-007
 DRAWING NUMBER
 PROJECT NUMBER
 SURVEY NUMBER

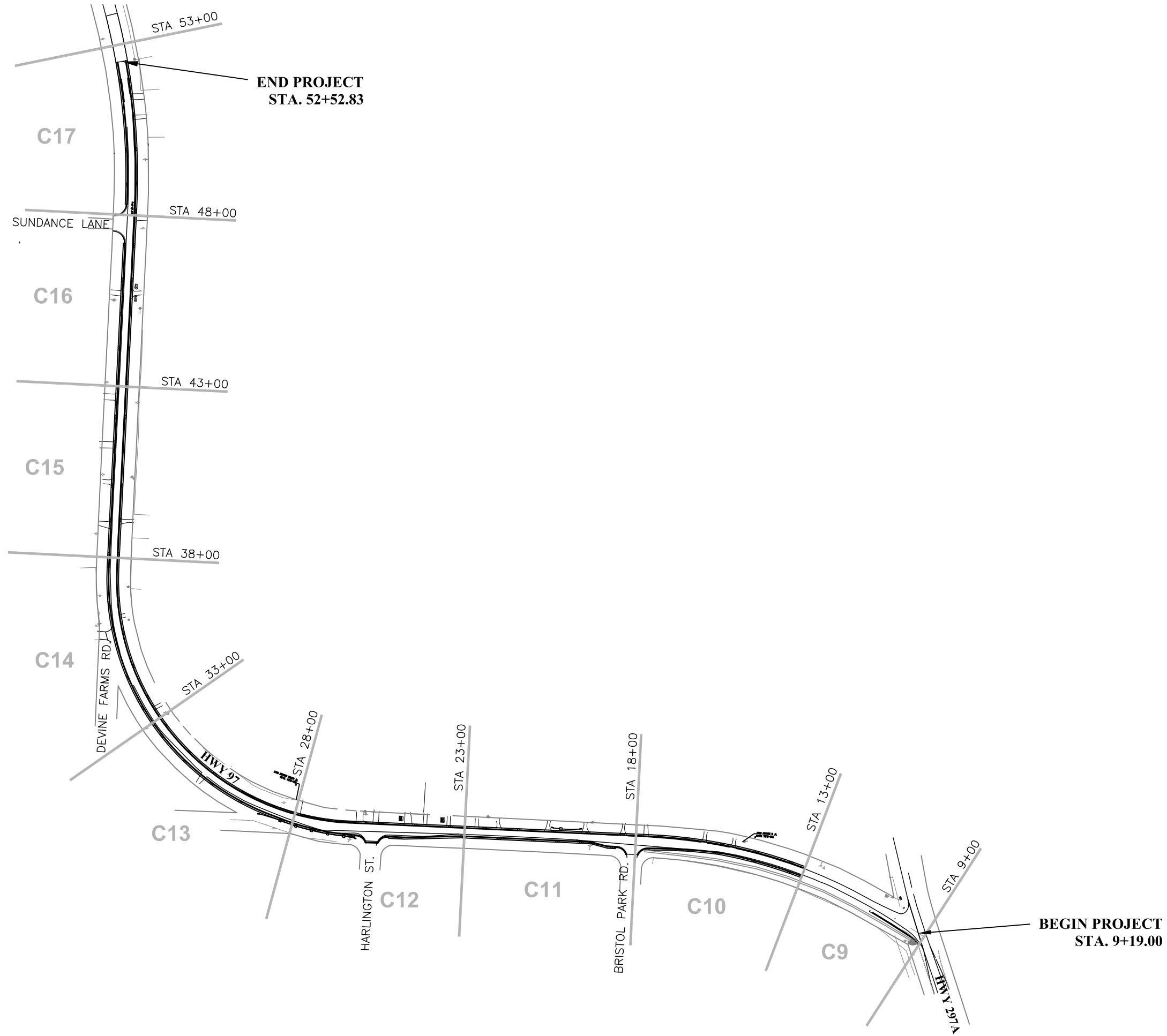
FOR CONSTRUCTION
 PLOT DATE: 8/17/16

PG. C7 of C27

PHASE	REVIEW	DATE	ORIGINATOR (RP)	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)	DATE	ORIGINATOR (OR)	Correct (Green Highlighter) Change (Red Pen)	DATE	VERIFICATION, CHECKER (OR)	(Blue Highlighter)	DATE
SIGNATURE:			CHECKER (RP)	CHANGE INCORPORATION (Yellow Highlighter)	DATE	CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)	DATE	REMARK INCORPORATION (Blue Highlighter)	(Blue Highlighter)	DATE
									ORIGINATOR VERIFICATION	Correct (Pink Highlighter)	DATE



HALF SCALE 1" = 300'
 FULL SCALE 1" = 150'



**BEGIN PROJECT
 STA. 9+19.00**

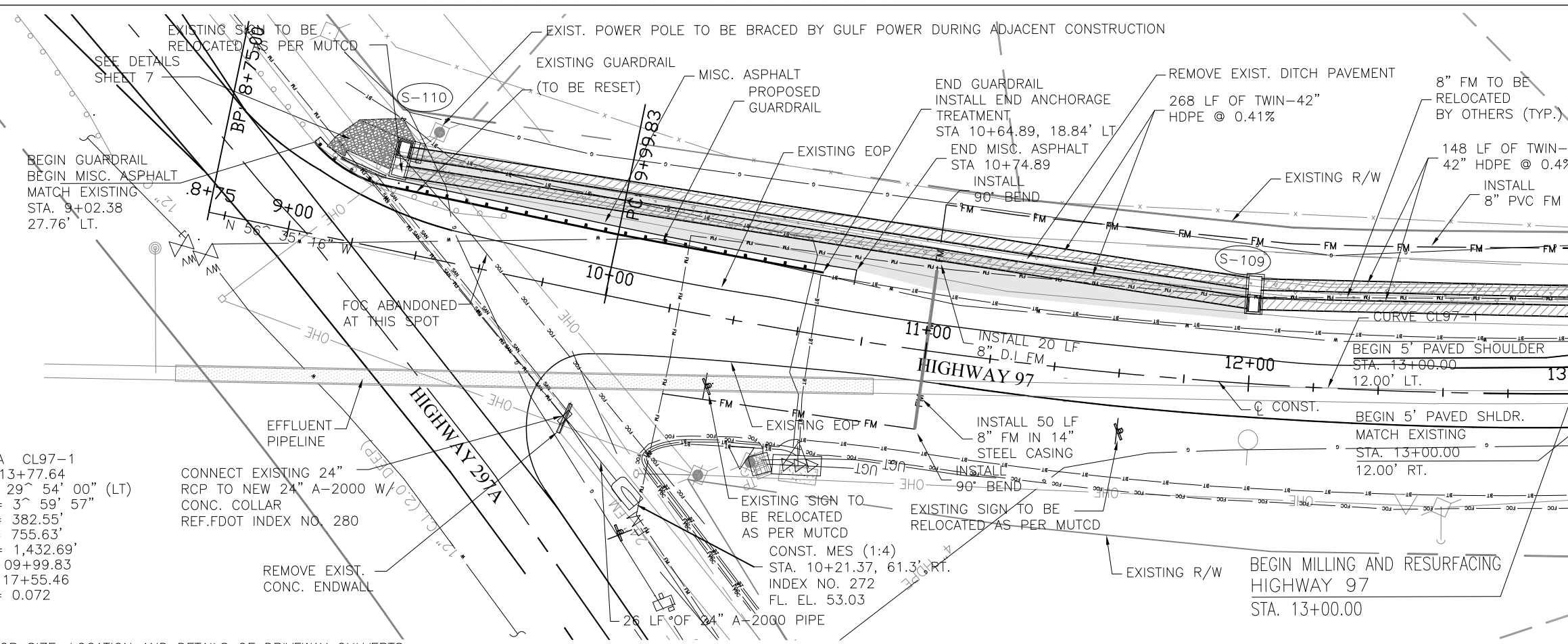
**END PROJECT
 STA. 52+52.83**

FOR CONSTRUCTION
 PLOT DATE: 8/17/16

		HIGHWAY 97 PHASE I ROADWAY WIDENING AND DRAINAGE IMPROVEMENTS		PROJECT LAYOUT	
HAMMOND ENGINEERING, INC. FLORIDA AUTHORIZATION NO. 9130 ALABAMA AUTHORIZATION NO. 3277 3802 NORTH 'S' STREET PENSACOLA, FL 32505 PHONE: (850) 434-2603 FAX: (850) 434-2650		DESIGNED BY: T. HAMMOND CHECKED BY: T. HAMMOND REG. P.A. ENG. NO. 54574		DATE: JULY 2014 DISTRICT: FIVE	
APPROVED BY: E. BUSH DATE: 3/13/15		APPROVED BY: E. BUSH DATE: 4/16/15		APPROVED BY: E. BUSH DATE: 8/2/16	
AS PER ESCAMBIA COUNTY AS PER ADDENDUM #2		INTERSECTION REALIGNMENT		ADDITIONAL CHANGE ITEMS	
DRAWING NUMBER 12-007		PROJECT NUMBER		SURVEY NUMBER	
PG. C8		PG. C27			

PHASE REVIEW DATE ORIGINATOR (RP) DATE ORIGINATOR (GR) DATE CHECKER (RP) DATE CHECKER (GR) DATE VERIFICATION, CHECKER (GR) DATE (Blue Highlighter) REMARK INCORPORATION DATE (Blue Highlighter) ORIGINAL VERIFICATION DATE (Pink Highlighter) CORRECT (Green Highlighter) CHANGE INCORPORATION DATE (Yellow Highlighter) PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP) DATE ORIGINATOR (GR) CORRECT (Green Highlighter) CHANGE (Red Pen) DATE ORIGINATOR (GR) CORRECT (Green Highlighter) CHANGE (Red Pen) DATE CHECKER (RP) (Red Pen X-Out to Disagree or Remark) DATE CHECKER (GR) CORRECT (Green Highlighter) CHANGE (Red Pen) DATE VERIFICATION, CHECKER (GR) DATE (Blue Highlighter) REMARK INCORPORATION DATE (Blue Highlighter) ORIGINAL VERIFICATION DATE (Pink Highlighter) CORRECT (Green Highlighter) CHANGE INCORPORATION DATE (Yellow Highlighter) SIGNATURE:

HALF SCALE 1" = 40'
FULL SCALE 1" = 20'

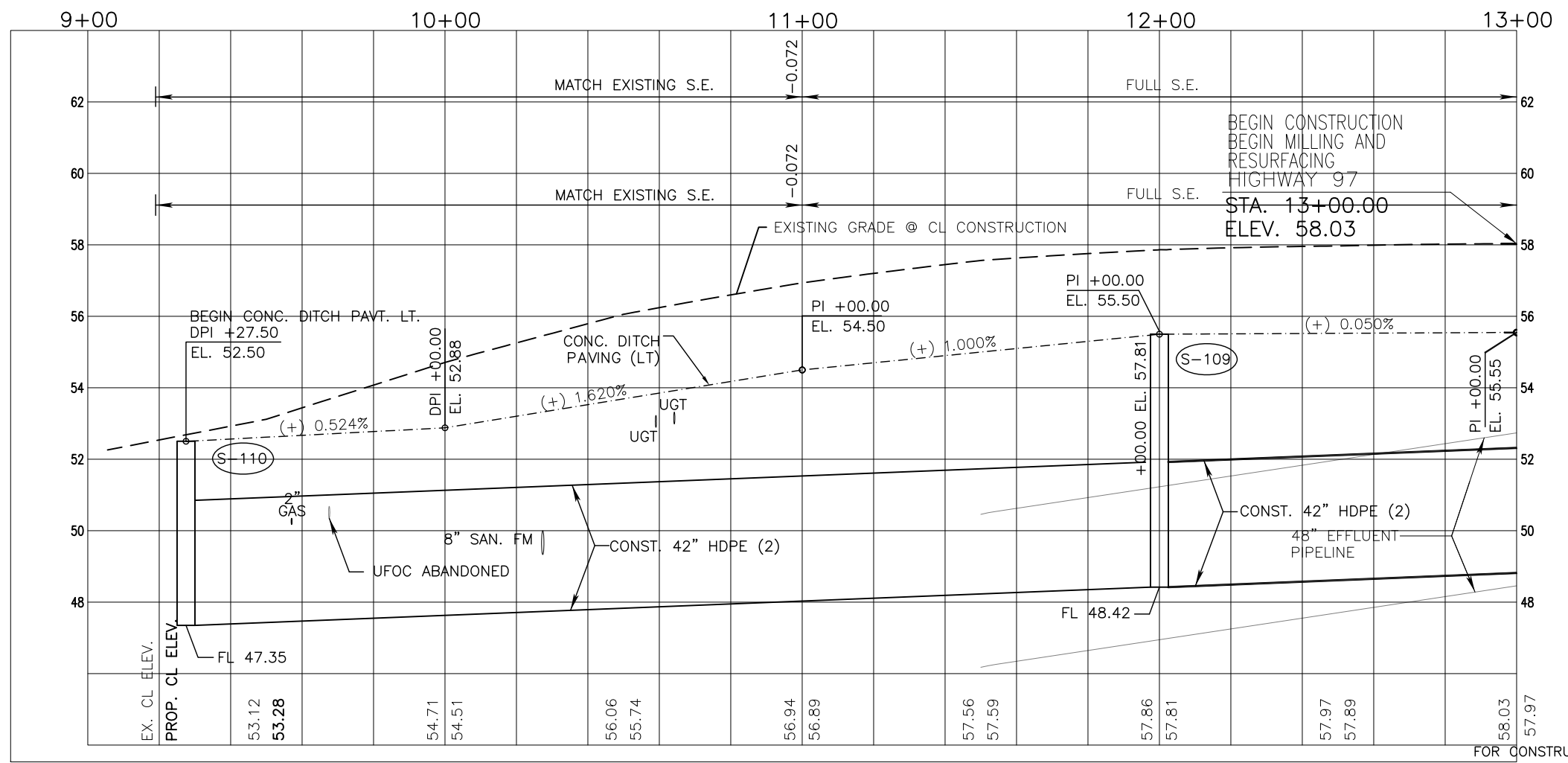


CURVE DATA CL97-1
 PI STA. = 13+77.64
 DELTA = 29° 54' 00" (LT)
 D = 3° 59' 57"
 T = 382.55'
 L = 755.63'
 R = 1,432.69'
 PC STA. = 09+99.83
 PT STA. = 17+55.46
 e = 0.072

NOTE: FOR SIZE, LOCATION AND DETAILS OF DRIVEWAY CULVERTS SEE SHEETS 4 AND 6.

VERTICAL SCALE:
 HALF SCALE 1" = 4'
 FULL SCALE 1" = 2'

LEGEND
 RECONSTRUCTION/WIDENING
 NEW CONCRETE DITCH PAVEMENT
 DRIVEWAY REPLACED
 WITH ASPHALT
 DRIVEWAY REPLACED
 WITH CONCRETE
 EXISTING



STRUCTURE #	ROADWAY STATION	DESCRIPTION	TOP ELEV.	FLOWLINE ELEV.
S-109	STA 12+00.00, 24.46 LT	TYPE E DBI, J BOT. ALT. B 4"x11"	55.50	48.42 E&V
S-110	STA 9+27.50, 29.10 LT	TYPE E DBI, J BOT. ALT. B 4"x11"	52.50	47.35 V

REVISIONS	DATE	APPROVED BY
AS PER ESCAMBA COUNTY	3/13/15	E. BUSH
AS PER ADOPTION #2	4/16/15	E. BUSH
INTERSECTION REALIGNMENT	8/22/16	E. BUSH
ADDITIONAL CHANGE ITEMS	8/7/16	E. BUSH

DESIGNED BY: T. HAMMOND
 CHECKED BY: T. HAMMOND
 PROJECT MANAGER: E. BUSH
 DISTRICT: FIVE
 DATE: JULY 2014

**HIGHWAY 97 PHASE I
 ROADWAY WIDENING AND DRAINAGE
 IMPROVEMENTS**

ROADWAY PLAN AND PROFILE

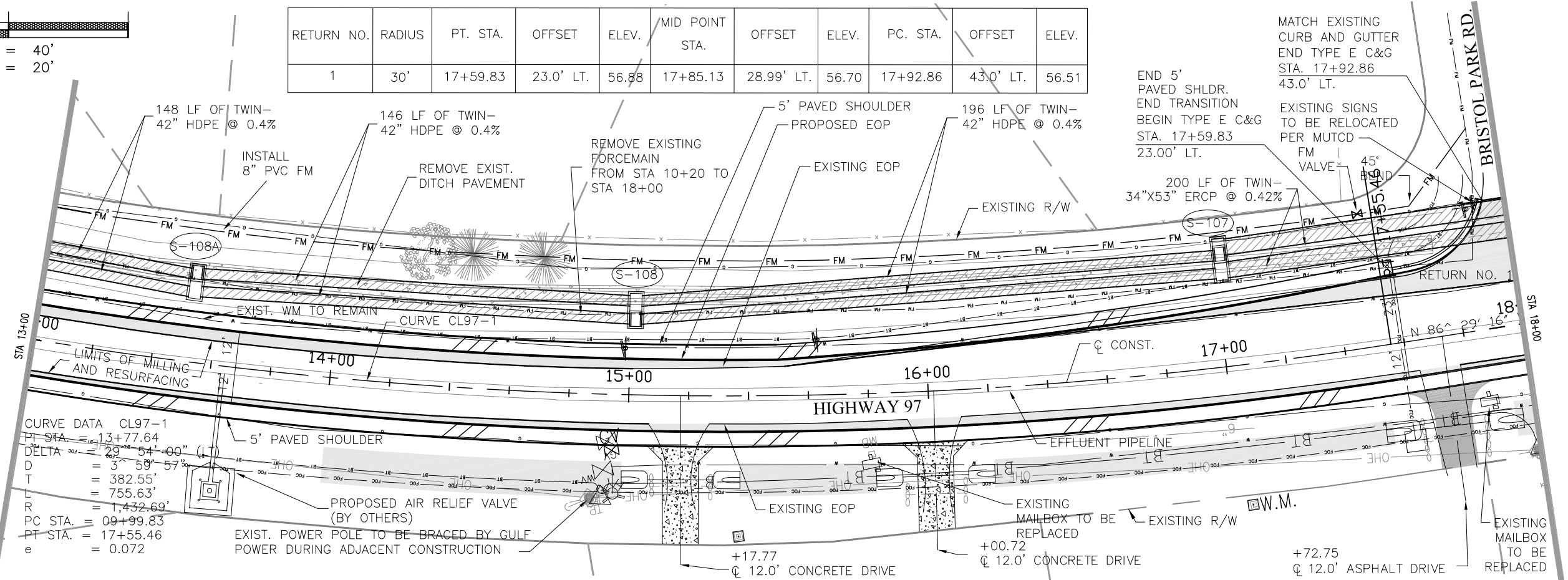
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 FLORIDA AUTHORIZATION NO. 9130
 ALABAMA AUTHORIZATION NO. 3277
 3802 NORTH 'S' STREET
 PENSACOLA, FL 32505
 PHONE: (850) 434-2603 FAX: (850) 434-2650

FOR CONSTRUCTION
 PLOT DATE: 8/17/16

DRAWING NUMBER: 12-007
 PROJECT NUMBER:
 SURVEY NUMBER:
 PG. C9 of C27

PHASE REVIEW
 SIGNATURE: _____ DATE _____
 ORIGINATOR (RP) PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP) CHECKER (RP) DATE _____
 ORIGINATOR (GR) CORRECT (Green Highlighter) Change (Red Pen) DATE _____
 VERIFICATION, CHECKER (GR) (Blue Highlighter) DATE _____
 REMARK INCORPORATION (Blue Highlighter) DATE _____
 ORIGINATOR VERIFICATION CORRECT (Pink Highlighter) DATE _____

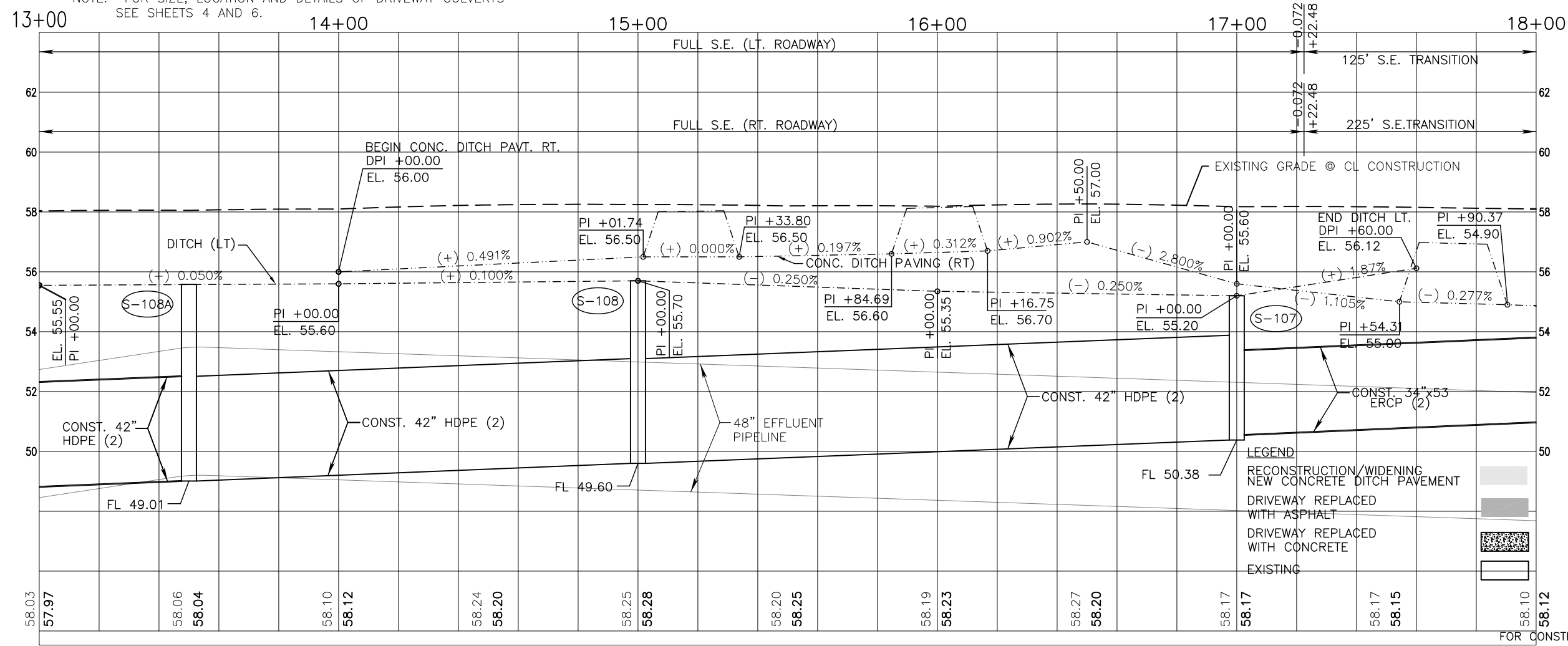
HALF SCALE 1" = 40'
 FULL SCALE 1" = 20'



RETURN NO.	RADIUS	PT. STA.	OFFSET	ELEV.	MID POINT STA.	OFFSET	ELEV.	PC. STA.	OFFSET	ELEV.
1	30'	17+59.83	23.0' LT.	56.88	17+85.13	28.99' LT.	56.70	17+92.86	43.0' LT.	56.51

CURVE DATA CL97-1
 PI STA. = 13+77.64
 DELTA = 54° 00' (LT)
 D = 359' 57"
 T = 382.55'
 L = 755.63'
 R = 1,432.69'
 PC STA. = 09+99.83
 PT STA. = 17+55.46
 e = 0.072

NOTE: FOR SIZE, LOCATION AND DETAILS OF DRIVEWAY CULVERTS SEE SHEETS 4 AND 6.



VERTICAL SCALE: 1" = 4'
 HALF SCALE 1" = 2'

EX. CL ELEV.
 PROP. CL ELEV.

LEGEND
 RECONSTRUCTION/WIDENING
 NEW CONCRETE DITCH PAVEMENT
 DRIVEWAY REPLACED WITH ASPHALT
 DRIVEWAY REPLACED WITH CONCRETE
 EXISTING

FOR CONSTRUCTION
 PLOT DATE: 8/17/16

**HIGHWAY 97 PHASE I
 ROADWAY WIDENING AND DRAINAGE
 IMPROVEMENTS**

ROADWAY PLAN AND PROFILE

HAMMOND ENGINEERING, INC.
 FLORIDA AUTHORIZATION NO. 9130
 ALABAMA AUTHORIZATION NO. 3277
 3802 NORTH 'S' STREET
 PENSACOLA, FL 32505
 PHONE: (850) 434-2603 FAX: (850) 434-2650

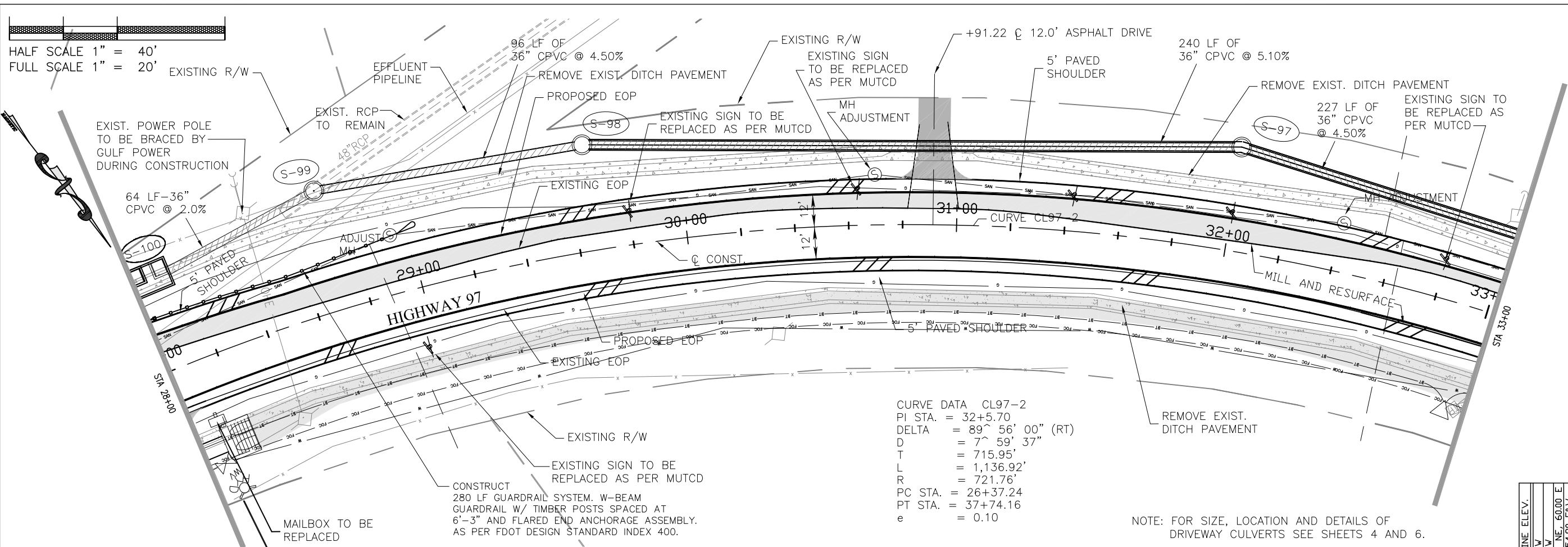
DESIGNED BY: T. HAMMOND
 CHECKED BY: T. HAMMOND
 PROJECT MANAGER: E. BUSH
 DATE: JULY 2014
 DISTRICT: FIVE

REVISIONS	DATE	APPROVED BY	DESCRIPTION
1.	3/13/15	E. BUSH	AS PER ESCAMBIA COUNTY
2.	4/16/15	E. BUSH	AS PER ADDENDUM #2
3.	8/2/16	E. BUSH	INTERSECTION REALIGNMENT
4.	8/17/16	E. BUSH	ADDITIONAL CHANGE ITEMS

DRAWING NUMBER: **12-007**
 PROJECT NUMBER:
 SURVEY NUMBER:

PG. **C10** OF **C27**

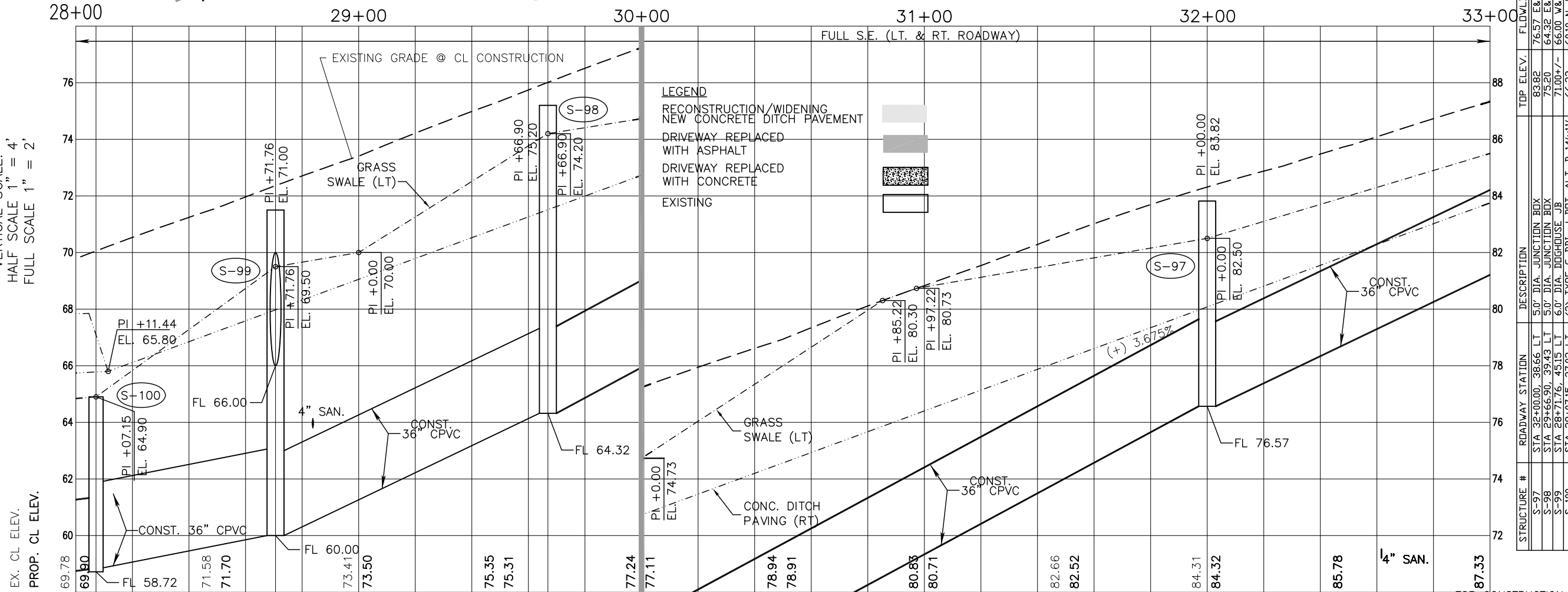
DATE	ORIGINATOR (RP)	DATE	ORIGINATOR (GR)	DATE	ORIGINATOR (GR)	DATE	ORIGINATOR (GR)
DATE	REVIEW	DATE	REVIEW	DATE	REVIEW	DATE	REVIEW
DATE	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)	DATE	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)	DATE	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)	DATE	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)
DATE	SIGNATURE:	DATE	SIGNATURE:	DATE	SIGNATURE:	DATE	SIGNATURE:
DATE	VERIFICATION, CHECKER (GR)	DATE	VERIFICATION, CHECKER (GR)	DATE	VERIFICATION, CHECKER (GR)	DATE	VERIFICATION, CHECKER (GR)
DATE	REMARK INCORPORATION	DATE	REMARK INCORPORATION	DATE	REMARK INCORPORATION	DATE	REMARK INCORPORATION
DATE	ORIGINATOR VERIFICATION	DATE	ORIGINATOR VERIFICATION	DATE	ORIGINATOR VERIFICATION	DATE	ORIGINATOR VERIFICATION



CURVE DATA CL97-2
 PI STA. = 32+5.70
 DELTA = 89° 56' 00" (RT)
 D = 7° 59' 37"
 T = 715.95'
 L = 1,136.92'
 R = 721.76'
 PC STA. = 26+37.24
 PT STA. = 37+74.16
 e = 0.10

NOTE: FOR SIZE, LOCATION AND DETAILS OF DRIVEWAY CULVERTS SEE SHEETS 4 AND 6.

VERTICAL SCALE:
 HALF SCALE 1" = 4'
 FULL SCALE 1" = 2'



LEGEND
 RECONSTRUCTION/WIDENING
 NEW CONCRETE DITCH PAVEMENT
 DRIVEWAY REPLACED WITH ASPHALT
 DRIVEWAY REPLACED WITH CONCRETE
 EXISTING

STRUCTURE #	ROADWAY STATION	DESCRIPTION	TOP ELEV.	FLOWLINE ELEV.
S-97	STA 32+00.00	5.0' DIA. JUNCTION BOX	83.82	76.57 E&V
S-98	STA 29+66.90	5.0' DIA. JUNCTION BOX	75.20	64.32 E&V
S-99	STA 28+71.76	6.0' DIA. DITCHHOUSE JB	71.00 +/-	66.00 W& NE, 60.00 E
S-100	STA 28+07.15	37.02' LT (2) TYPE G DBI, J BOT. ALT. B 14'x11'	66.22	60.10 N, 54.80 E&V

**HIGHWAY 97 PHASE I
 ROADWAY WIDENING AND DRAINAGE
 IMPROVEMENTS**

ROADWAY PLAN AND PROFILE

HAMMOND ENGINEERING, INC.
 FLORIDA AUTHORIZATION NO. 9130
 ALABAMA AUTHORIZATION NO. 3277
 3802 NORTH 'S' STREET
 PENSACOLA, FL 32505
 PHONE: (850) 434-2603 FAX: (850) 434-2650

DESIGNED BY: T. HAMMOND
 CHECKED BY: T. HAMMOND
 DATE: JULY 2014

PROJECT MANAGER: E. BUSH
 DISTRICT: FIVE

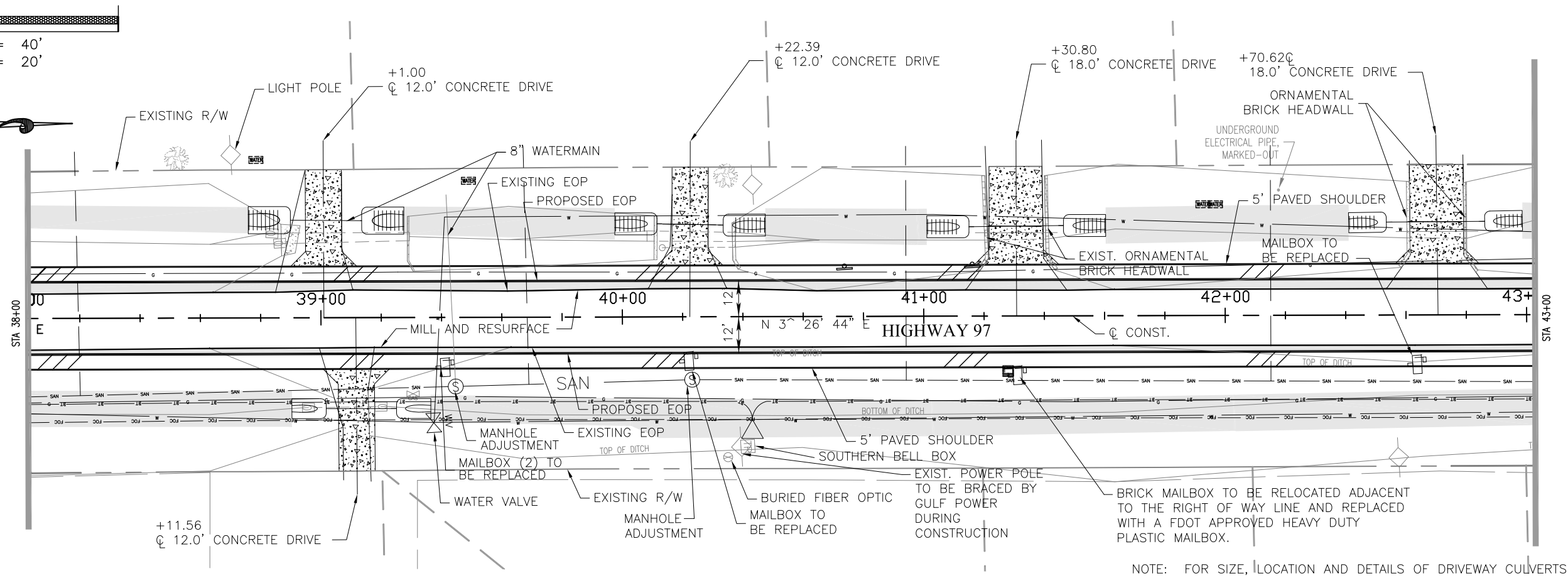
AS PER ESCAMBIA COUNTY 3/13/15 E. BUSH
 AS PER ALABAMA #2 4/16/15 E. BUSH
 INTERSECTION REALIGNMENT 8/2/16 E. BUSH
 ADDITIONAL CHANGE ITEMS 8/7/16 E. BUSH

DRAWING NUMBER: 12-007
 PROJECT NUMBER:
 SURVEY NUMBER:

FOR CONSTRUCTION
 PLOT DATE: 8/17/16

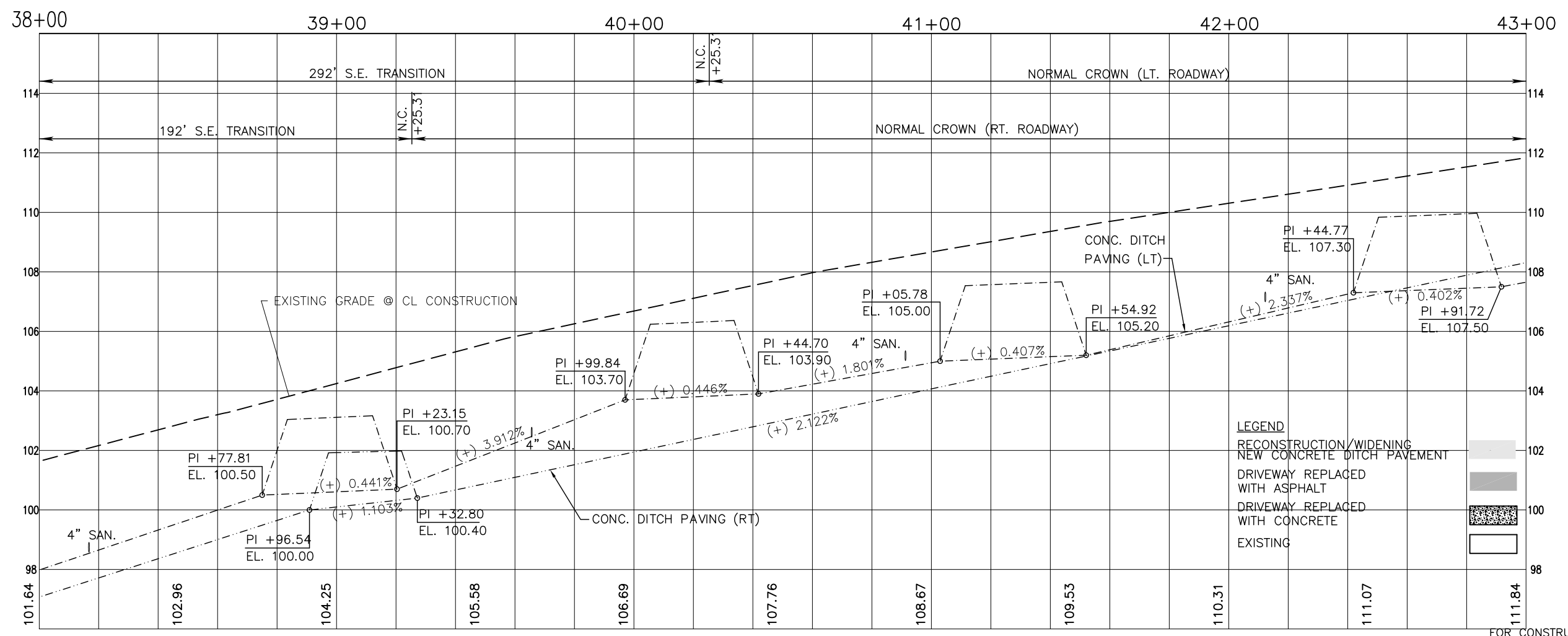
PG. C13 of C27

HALF SCALE 1" = 40'
FULL SCALE 1" = 20'



NOTE: FOR SIZE, LOCATION AND DETAILS OF DRIVEWAY CULVERTS SEE SHEETS 4 AND 6.

VERTICAL SCALE:
HALF SCALE 1" = 4'
FULL SCALE 1" = 2'



LEGEND

RECONSTRUCTION/WIDENING	[Pattern: Dotted]
NEW CONCRETE DITCH PAVEMENT	[Pattern: Horizontal Lines]
DRIVEWAY REPLACED WITH ASPHALT	[Pattern: Vertical Lines]
DRIVEWAY REPLACED WITH CONCRETE	[Pattern: Stippled]
EXISTING	[Pattern: None]

PHASE	REVIEW	DATE	ORIGINATOR (RP)	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL	DATE	ORIGINATOR (GR)	Correct (Green Highlighter)	Change (Red Pen X-Out to Disagree or Remark)	DATE	VERIFICATION, CHECKER (OR)	(Blue Highlighter)
SIGNATURE:											
				CHANGE INCORPORATION							
				CHECKER (RP)							
				CHECKER (GR)							
				REMARK INCORPORATION							
				ORIGINATOR VERIFICATION							
				DATE							

EX. CL ELEV.
PROP. CL ELEV.

FOR CONSTRUCTION
PLOT DATE: 8/17/16

**HIGHWAY 97 PHASE I
ROADWAY WIDENING AND DRAINAGE
IMPROVEMENTS**

ROADWAY PLAN AND PROFILE



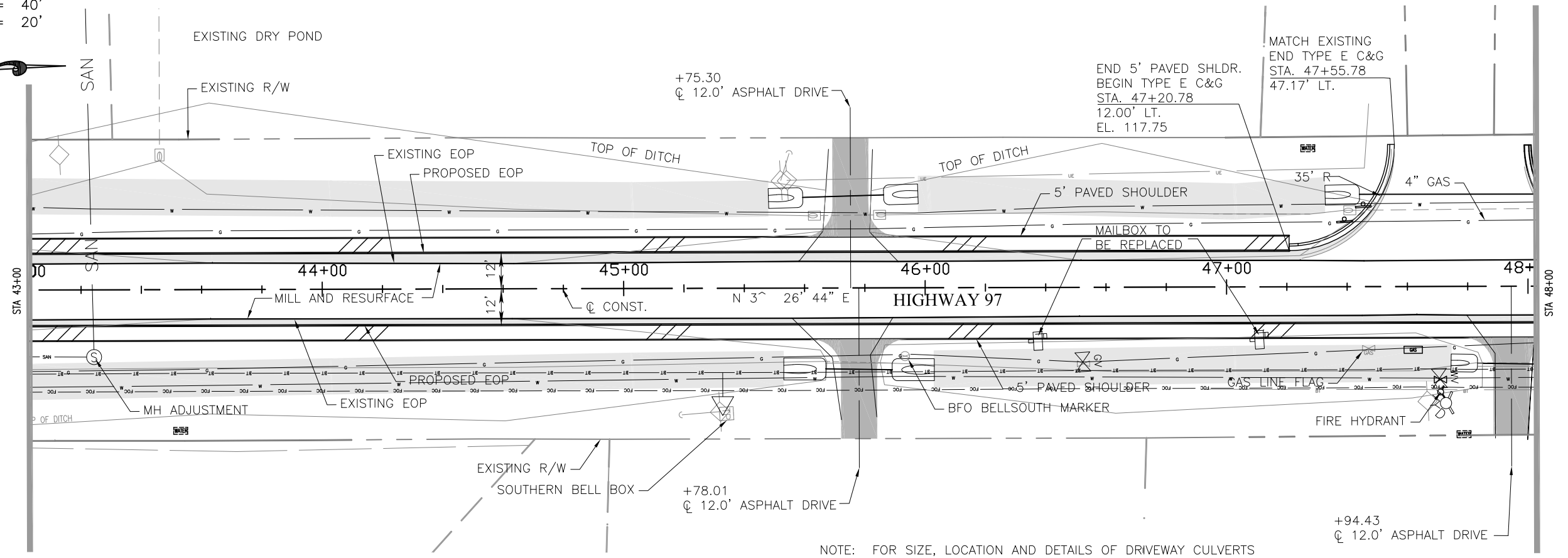
HAMMOND ENGINEERING, INC.
FLORIDA AUTHORIZATION NO. 9130
ALABAMA AUTHORIZATION NO. 3277
3802 NORTH 'S' STREET
PENSACOLA, FL 32505
PHONE: (850) 434-2603 FAX: (850) 434-2650

DESIGNED BY: T. HAMMOND
CHECKED BY: E. BUSH
DATE: JULY 2014

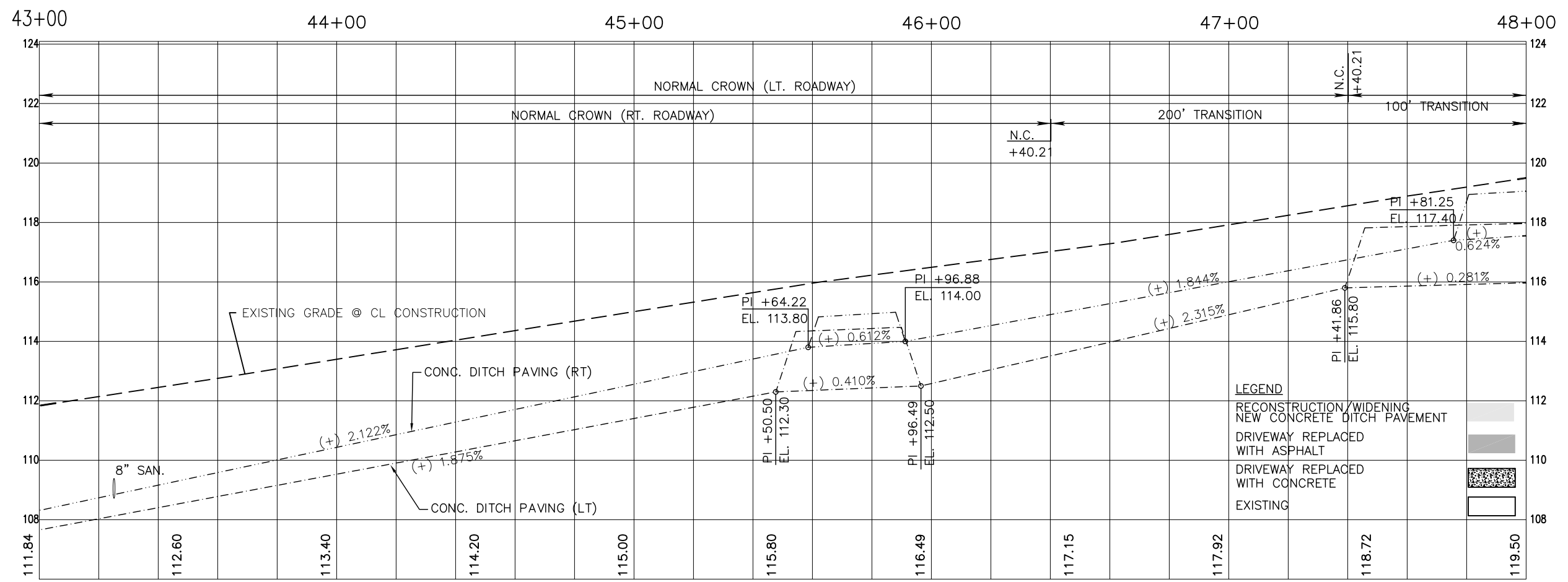
PROJECT MANAGER: T. HAMMOND
DISTRICT: FIVE

APPROVED BY:	E. BUSH	DATE:	3/13/15
AS PER ESCAMBIA COUNTY	E. BUSH	DATE:	4/16/15
AS PER ALABAMA #2	E. BUSH	DATE:	8/2/16
INTERSECTION REALIGNMENT	E. BUSH	DATE:	8/7/16
ADDITIONAL CHANGE ITEMS	E. BUSH	DATE:	
DRAWING NUMBER	12-007		
PROJECT NUMBER			
SURVEY NUMBER			

HALF SCALE 1" = 40'
FULL SCALE 1" = 20'



NOTE: FOR SIZE, LOCATION AND DETAILS OF DRIVEWAY CULVERTS SEE SHEETS 4 AND 6.



FOR CONSTRUCTION
PLOT DATE: 8/17/16

PHASE	REVIEW	DATE	ORIGINATOR (RP)	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL	DATE	ORIGINATOR (GR)	Correct (Green Highlighter) Change (Red Pen)	DATE	VERIFICATION, CHECKER (GR)	(Blue Highlighter)
SIGNATURE:			CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)	DATE	CHECKER (GR)	CHANGE INCORPORATION (Yellow Highlighter)	DATE	REMARK INCORPORATION (Blue Highlighter)	DATE
									ORIGINATOR VERIFICATION (Correct (Pink Highlighter))	DATE

**HIGHWAY 97 PHASE I
ROADWAY WIDENING AND DRAINAGE
IMPROVEMENTS**

ROADWAY PLAN AND PROFILE



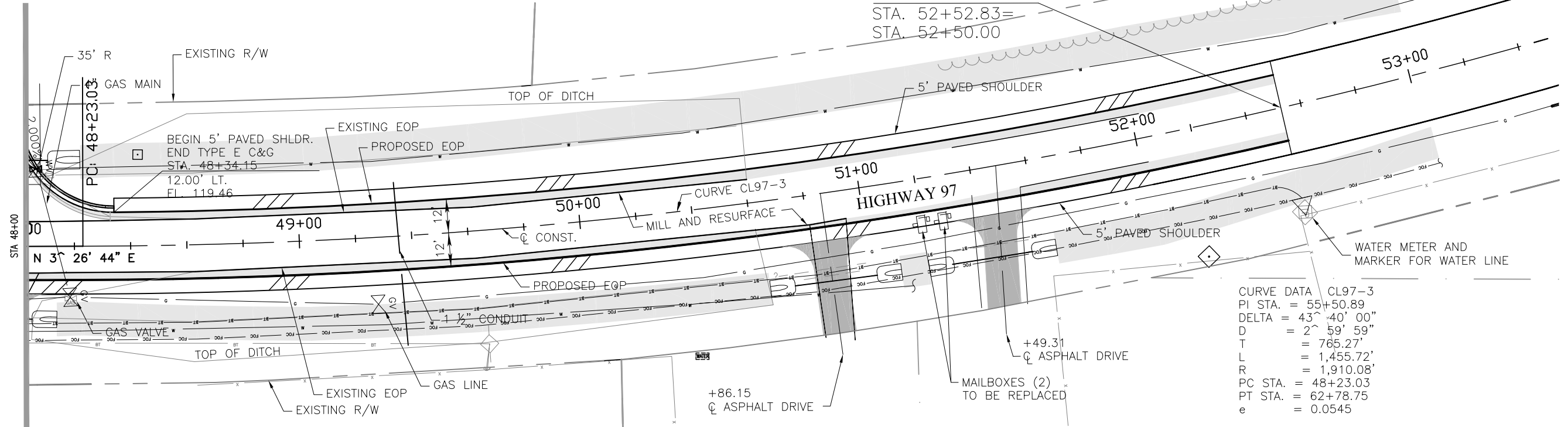
HAMMOND ENGINEERING, INC.
FLORIDA AUTHORIZATION NO. 9130
ALABAMA AUTHORIZATION NO. 3277
3802 NORTH 'S' STREET
PENSACOLA, FL 32505
PHONE: (850) 434-2603 FAX: (850) 434-2650

DESIGNED BY: T. HAMMOND
CHECKED BY: T. HAMMOND
DATE: JULY 2014

DRAWN BY: E. BUSH
PROJECT MANAGER: E. BUSH
DISTRICT: FIVE

APPROVED BY:	DATE:
E. BUSH	3/13/15
E. BUSH	4/16/15
E. BUSH	8/2/16
E. BUSH	8/17/16
REVISIONS:	
AS PER ESCAMBIA COUNTY	
AS PER ADDENDUM #2	
INTERSECTION REALIGNMENT	
ADDITIONAL CHANGE ITEMS	
NUMBER:	
1.	
2.	
3.	
4.	
DRAWING NUMBER:	12-007
PROJECT NUMBER:	
SURVEY NUMBER:	

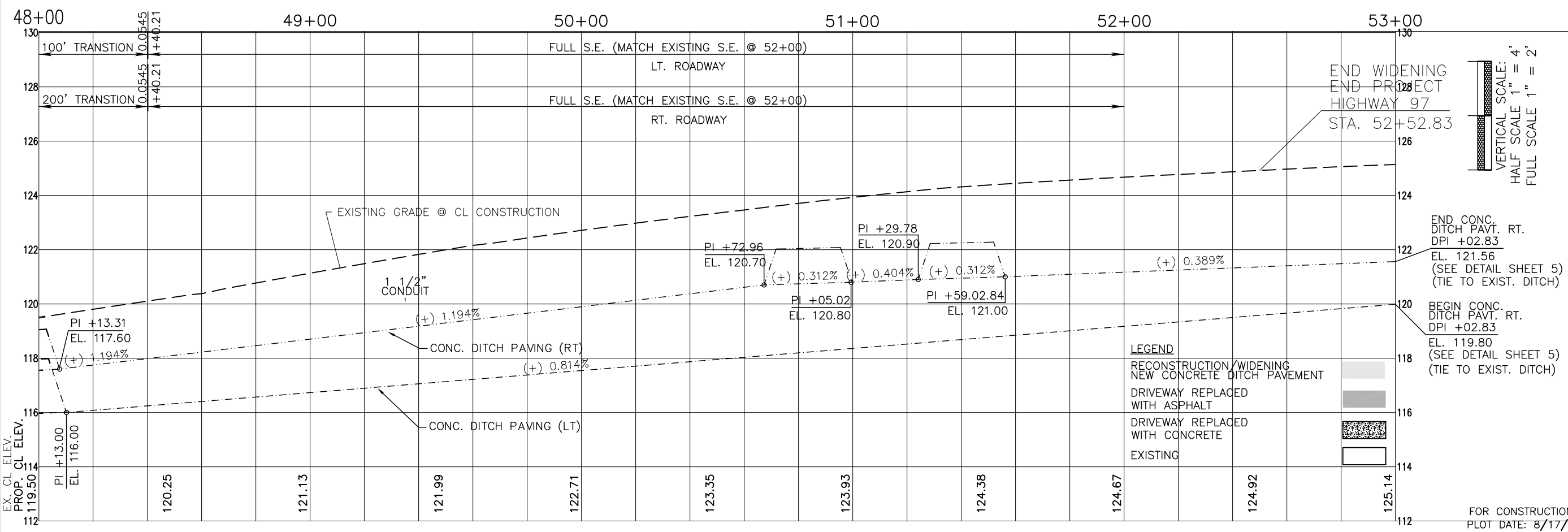
HALF SCALE 1" = 40'
 FULL SCALE 1" = 20'



END 5' PAVED SHLDR. (LT & RT)
 END WIDENING
 END PROJECT
 HIGHWAY 97
 STA. 52+52.83=
 STA. 52+50.00

CURVE DATA CL97-3
 PI STA. = 55+50.89
 DELTA = 43° 40' 00"
 D = 2° 59' 59"
 T = 765.27'
 L = 1,455.72'
 R = 1,910.08'
 PC STA. = 48+23.03
 PT STA. = 62+28.75
 e = 0.0545

NOTE: FOR SIZE, LOCATION AND DETAILS OF DRIVEWAY CULVERTS
 SEE SHEETS 4 AND 6.



LEGEND
 RECONSTRUCTION/WIDENING
 NEW CONCRETE DITCH PAVEMENT
 DRIVEWAY REPLACED
 WITH ASPHALT
 DRIVEWAY REPLACED
 WITH CONCRETE
 EXISTING

END WIDENING
 END PROJECT
 HIGHWAY 97
 STA. 52+52.83

END CONC.
 DITCH PAVT. RT.
 DPI +02.83
 EL. 121.56
 (SEE DETAIL SHEET 5)
 (TIE TO EXIST. DITCH)

BEGIN CONC.
 DITCH PAVT. RT.
 DPI +02.83
 EL. 119.80
 (SEE DETAIL SHEET 5)
 (TIE TO EXIST. DITCH)

FOR CONSTRUCTION
 PLOT DATE: 8/17/16

DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE
VERIFICATION, CHECKER (OR)	REMARK INCORPORATION	ORIGINATOR VERIFICATION	ORIGINATOR (OR)	CORRECT (GREEN HIGHLIGHTER) CHANGE (RED PEN)	CHECKER (RP)	CHANGE INCORPORATION	ORIGINATOR (RP)	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)	DATE
DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE

**HIGHWAY 97 PHASE I
 ROADWAY WIDENING AND DRAINAGE
 IMPROVEMENTS**

HAMMOND ENGINEERING, INC.
 FLORIDA AUTHORIZATION NO. 9130
 ALABAMA AUTHORIZATION NO. 3277
 3802 NORTH 'S' STREET
 PENSACOLA, FL 32505
 PHONE: (850) 434-2603 FAX: (850) 434-2650

APPROVED BY:	DATE:	DESIGNED BY:	DATE:	CHECKED BY:	DATE:
E. BUSH	3/13/15	T. HAMMOND	7/16/15	T. HAMMOND	7/16/15
AS PER ESCAMBIA COUNTY	AS PER ADDRESS #2	INTERSECTION REALIGNMENT	ADDITIONAL CHANGE ITEMS	PROJECT MANAGER:	DISTRICT:
E. BUSH	E. BUSH	E. BUSH	E. BUSH	E. BUSH	FIVE
DATE:	DATE:	DATE:	DATE:	DATE:	DATE:
JULY 2014	JULY 2014	JULY 2014	JULY 2014	JULY 2014	JULY 2014

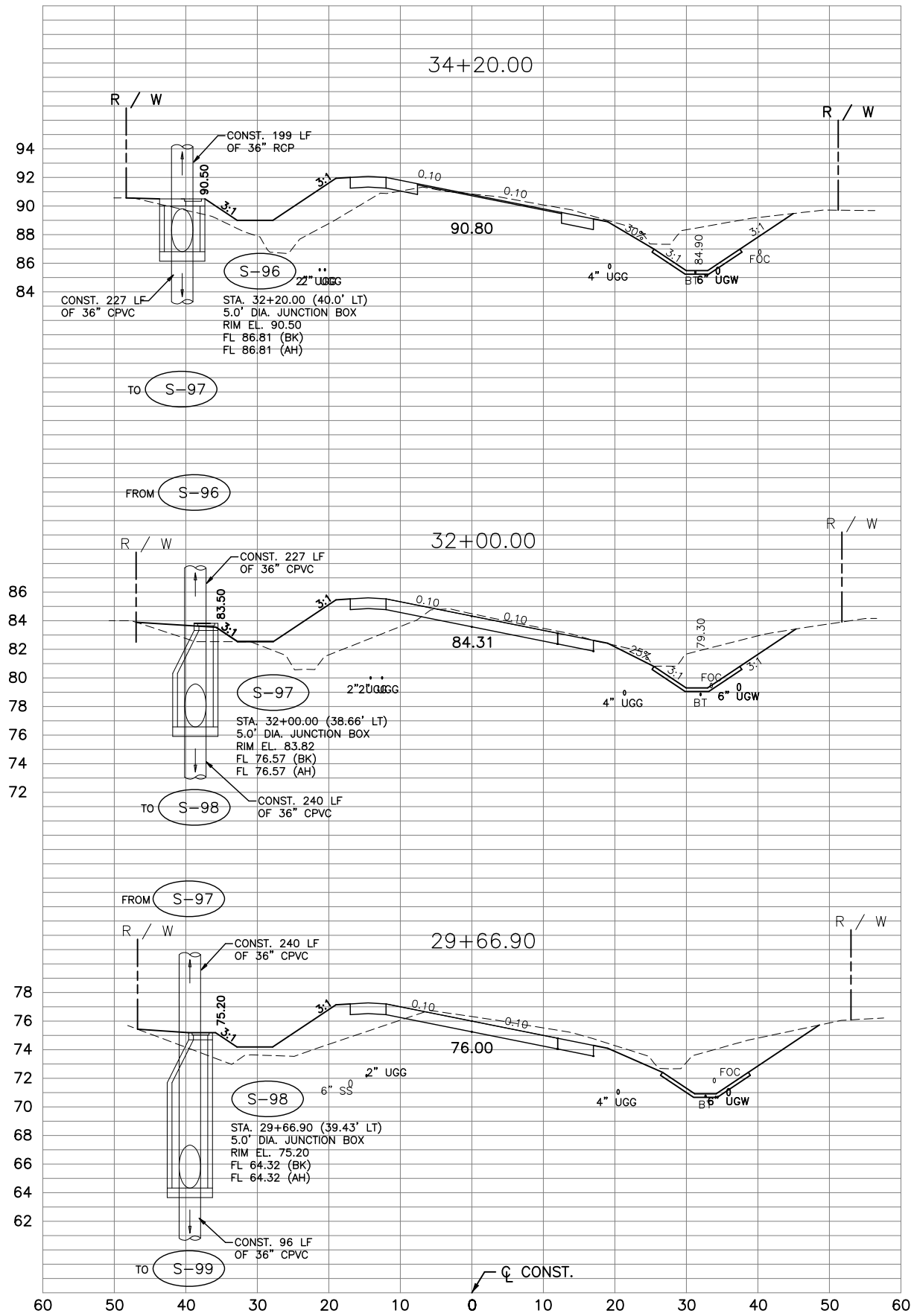
NUMBER:	12-007
DRAWING NUMBER:	
PROJECT NUMBER:	
SURVEY NUMBER:	

PG. C17 of C27

VERIFICATION, CHECKER (OR) (Blue Highlighter) DATE
 REMARK INCORPORATION (Blue Highlighter) DATE
 ORIGINATOR VERIFICATION (Correct (Pink Highlighter)) DATE

ORIGINATOR (OR) Correct (Green Highlighter) Change (Red Pen) DATE
 CHECKER (RF) (Red Pen X-Out to Disagree or Remark) DATE
 CHANGE INCORPORATION (Yellow Highlighter) DATE

ORIGINATOR (RP) DATE
 PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP) DATE
 PHASE REVIEW
 SIGNATURE:



SCALE: FULL SIZE:
 HORIZONTAL SCALE: 1" = 10'
 VERTICAL SCALE: 1" = 5'

HALF SIZE:
 HORIZONTAL SCALE: 1" = 20'
 VERTICAL SCALE: 1" = 10'

FOR CONSTRUCTION
 PLOT DATE: 8/17/16

HIGHWAY 97 PHASE I
 ROADWAY WIDENING AND DRAINAGE
 IMPROVEMENTS



HAMMOND ENGINEERING, INC.
 FLORIDA AUTHORIZATION NO. 9130
 ALABAMA AUTHORIZATION NO. 3277
 3802 NORTH 'S' STREET
 PENSACOLA, FL 32505
 PHONE: (850) 434-2603 FAX: (850) 434-2650

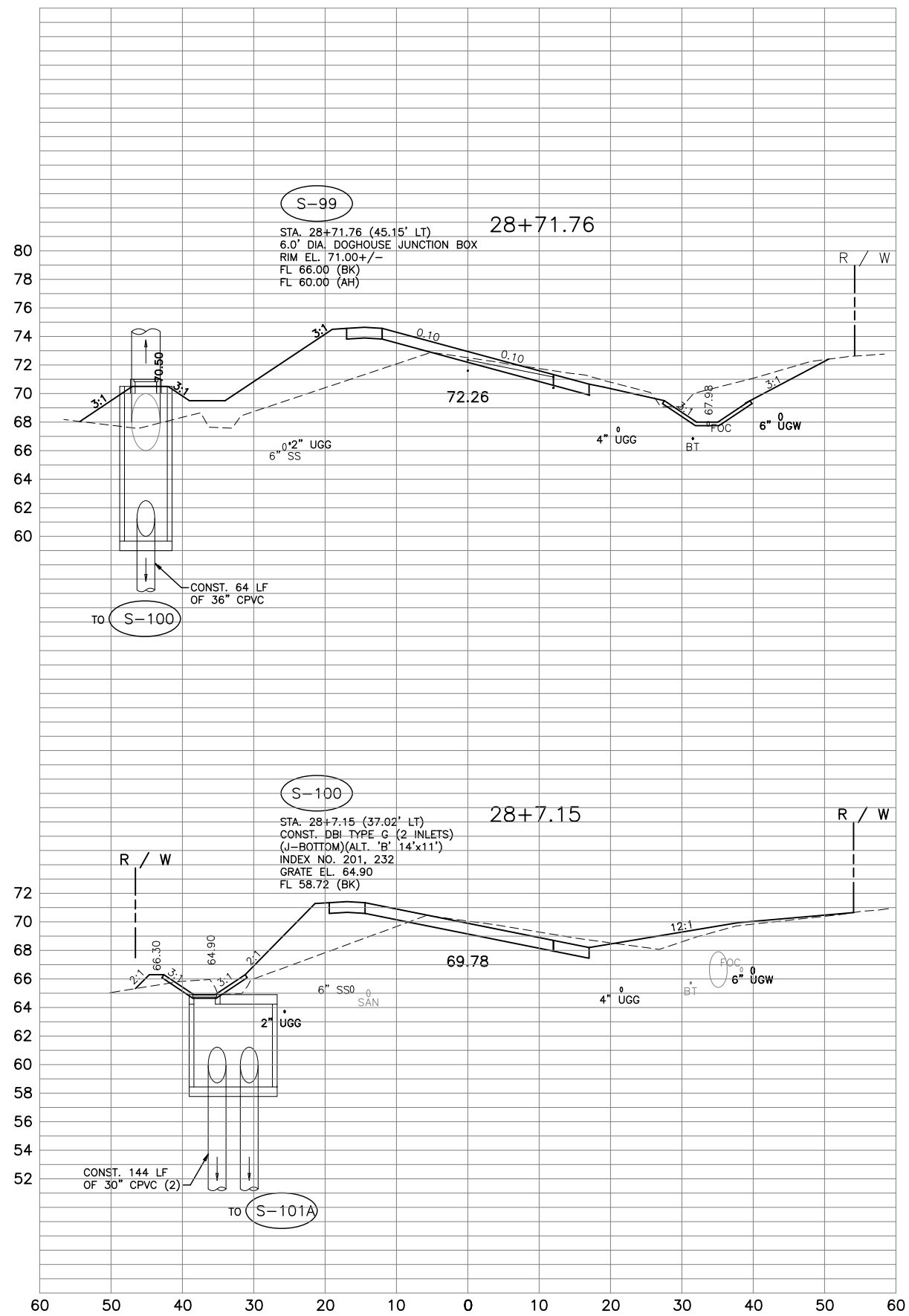
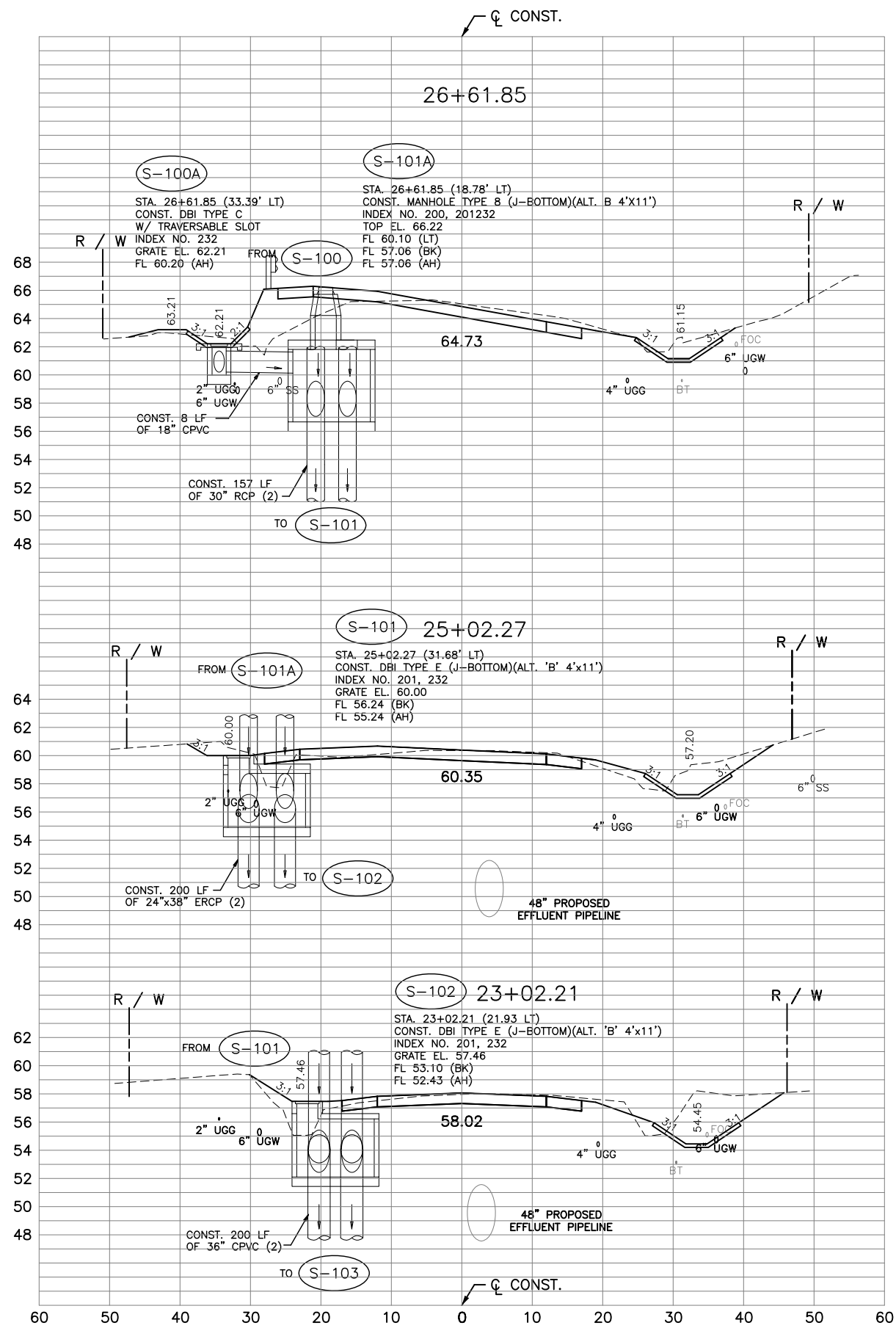
DESIGNED BY: T. HAMMOND
 CHECKED BY: T. HAMMOND
 DATE: JULY 2014

REVISIONS	DATE	APPROVED BY
AS PER ESCAMBIA COUNTY	3/13/15	E. BUSH
AS PER ADDENDUM #2	4/16/15	E. BUSH
INTERSECTION REALIGNMENT	8/2/16	E. BUSH
ADDITIONAL CHANGE ITEMS	8/17/16	E. BUSH

PROJECT NUMBER: 12-007
 SURVEY NUMBER: _____


DRAINAGE STRUCTURES

PHASE	REVIEW	DATE	ORIGINATOR (RP)	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)	CHECKER (RP)	ORIGINATOR (GR)	Correct (Green Highlighter) Change (Red Pen)	DATE	VERIFICATION, CHECKER (OR)	(Blue Highlighter)	DATE
SIGNATURE:									REMARK INCORPORATION	(Blue Highlighter)	DATE
									ORIGINATOR VERIFICATION	Correct (Pink Highlighter)	DATE



SCALE: FULL SIZE: HALF SIZE:
 HORIZONTAL SCALE: 1" = 10' HORIZONTAL SCALE: 1" = 20'
 VERTICAL SCALE: 1" = 5' VERTICAL SCALE: 1" = 10'

FOR CONSTRUCTION
 PLOT DATE: 8/17/16



**HIGHWAY 97 PHASE I
 ROADWAY WIDENING AND DRAINAGE
 IMPROVEMENTS**

HAMMOND ENGINEERING, INC.
 FLORIDA AUTHORIZATION NO. 9130
 ALABAMA AUTHORIZATION NO. 3277
 3802 NORTH 'S' STREET
 PENSACOLA, FL 32505
 PHONE: (850) 434-2603 FAX: (850) 434-2650

DESIGNED BY: T. HAMMOND
 CHECKED BY: T. HAMMOND
 PROJECT MANAGER: E. BUSH
 DATE: JULY 2014
 DISTRICT: FIVE

DATE	APPROVED BY
3/13/15	E. BUSH
4/16/15	E. BUSH
8/2/16	E. BUSH
8/17/16	E. BUSH

REVISIONS	AS PER ESCAMBIA COUNTY	DATE
1.		
2.		
3.		
4.		

DRAWING NUMBER	12-007
PROJECT NUMBER	
SURVEY NUMBER	

PG. **C19** of **C27**

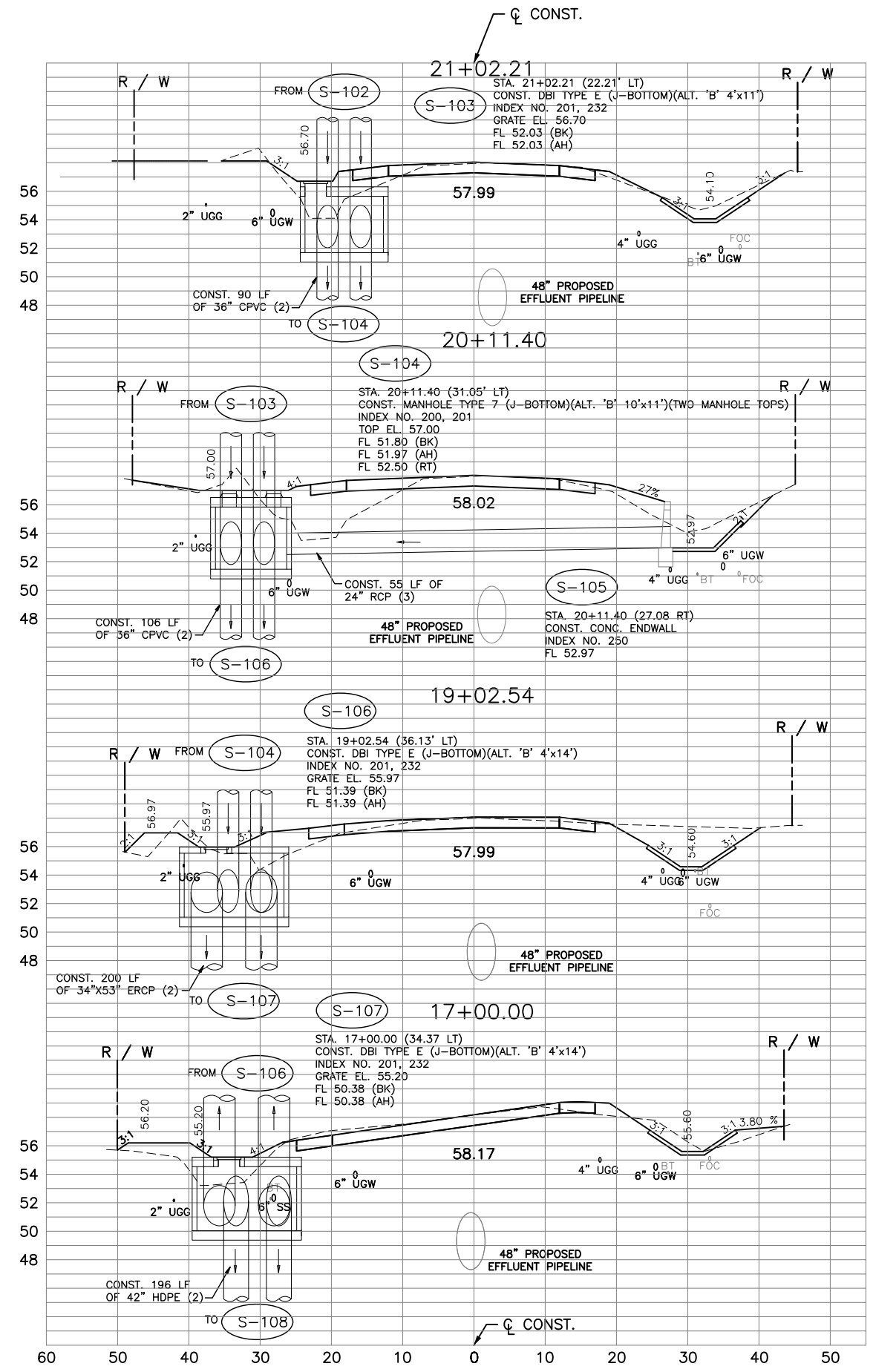
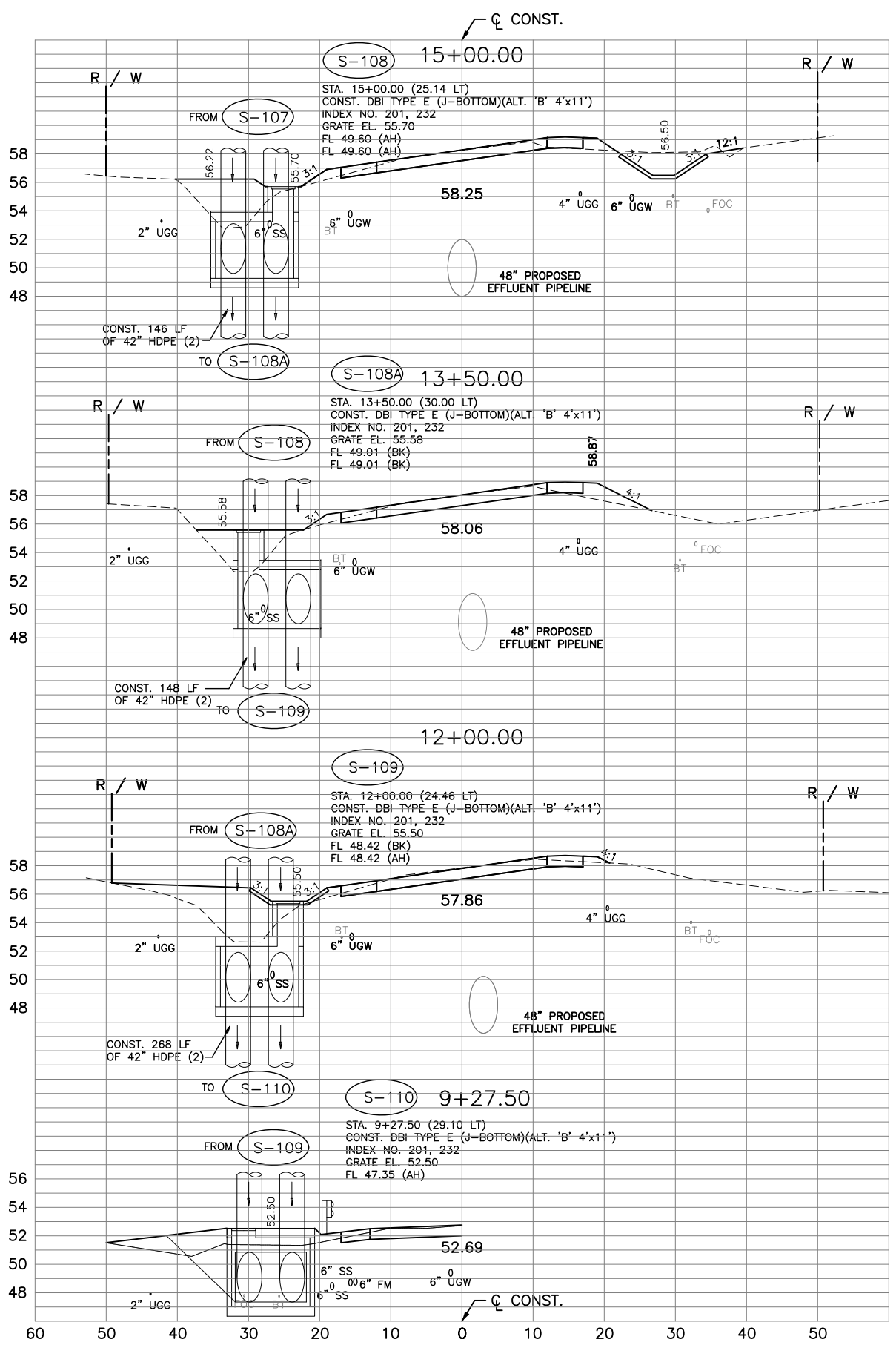
PHASE _____ REVIEW _____
 SIGNATURE: _____

ORIGINATOR (RP) DATE _____
 PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP) CHECKER (RP) DATE _____
 CHANGE INCORPORATION (Yellow Highlighter)

ORIGINATOR (GR) Correct (Green Highlighter) Change (Red Pen) DATE _____
 CHECKER (RP) (Red Pen X-Out to Disagree or Remark) DATE _____

ORIGINATOR (GR) Correct (Green Highlighter) Change (Red Pen) DATE _____
 CHECKER (RP) (Red Pen X-Out to Disagree or Remark) DATE _____

VERIFICATION, CHECKER (OR) (Blue Highlighter) DATE _____
 REMARK INCORPORATION (Blue Highlighter) DATE _____
 ORIGINATOR VERIFICATION Correct (Pink Highlighter) DATE _____



SCALE: FULL SIZE: HALF SIZE:
 HORIZONTAL SCALE: 1" = 10' HORIZONTAL SCALE: 1" = 20'
 VERTICAL SCALE: 1" = 5' VERTICAL SCALE: 1" = 10'

FOR CONSTRUCTION
 PLOT DATE: 8/17/16

**HIGHWAY 97 PHASE I
 ROADWAY WIDENING AND DRAINAGE
 IMPROVEMENTS**

DRAINAGE STRUCTURES

HAMMOND ENGINEERING, INC.
 FLORIDA AUTHORIZATION NO. 9130
 ALABAMA AUTHORIZATION NO. 3277
 3802 NORTH 'S' STREET
 PENSACOLA, FL 32505
 PHONE: (850) 434-2603 FAX: (850) 434-2650

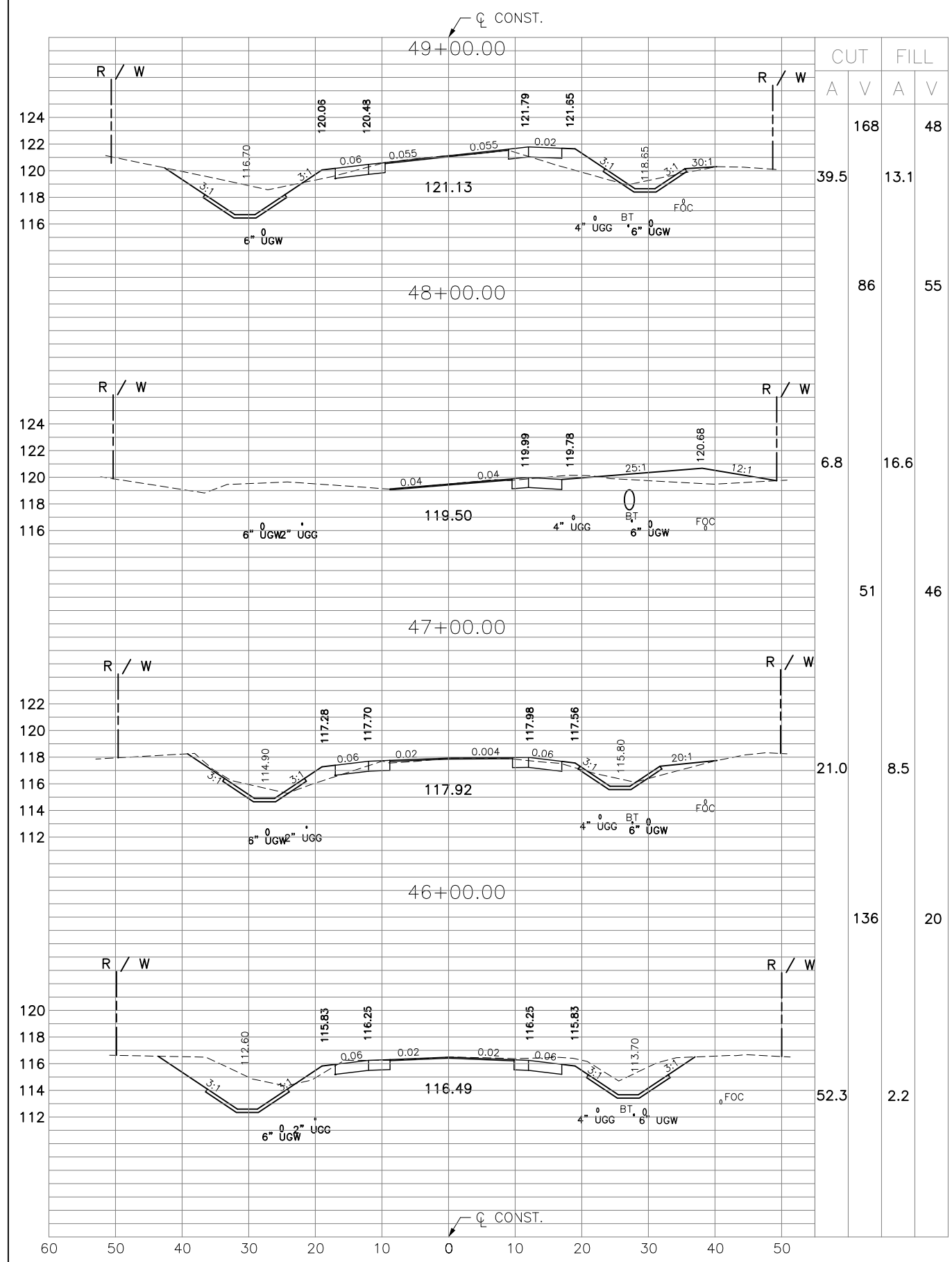
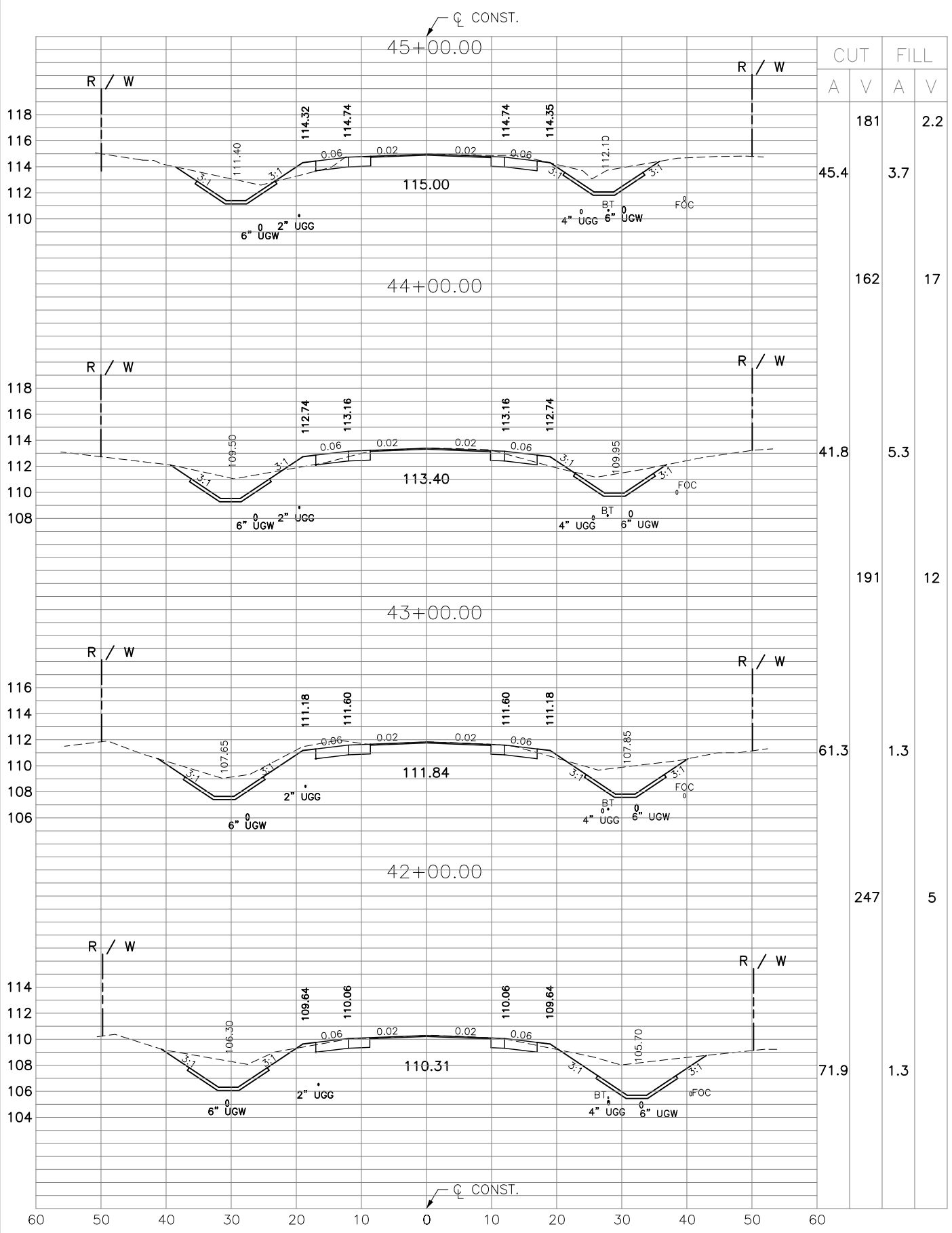
DESIGNED BY: T. HAMMOND	CHECKED BY: T. HAMMOND	REG. P.A. ENG. NO. 54574	DATE: JULY 2014
DRAWN BY: E. BUSH	PROJECT MANAGER: E. BUSH	DISTRICT: FIVE	

APPROVED BY: E. BUSH	DATE: 3/13/15
AS PER ESCAMBIA COUNTY	
AS PER ADDENDUM #2	DATE: 4/16/15
INTERSECTION REALIGNMENT	DATE: 8/2/16
ADDITIONAL CHANGE ITEMS	DATE: 8/7/16

NUMBER 1. 12-007
 DRAWING NUMBER
 PROJECT NUMBER
 SURVEY NUMBER

PG. **C20** of **C27**

ORIGINATOR (RP)	DATE	ORIGINATOR (GR)	DATE	ORIGINATOR (GR)	DATE	ORIGINATOR (GR)	DATE	ORIGINATOR (GR)	DATE	ORIGINATOR (GR)	DATE
PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		CHECKER (RP)		CORRECT (GREEN HIGHLIGHTER) CHANGE (RED PEN)		CORRECT (GREEN HIGHLIGHTER) CHANGE (RED PEN)		CORRECT (GREEN HIGHLIGHTER) CHANGE (RED PEN)		CORRECT (GREEN HIGHLIGHTER) CHANGE (RED PEN)	
				CHANGE INCORPORATION (YELLOW HIGHLIGHTER)		CHANGE INCORPORATION (YELLOW HIGHLIGHTER)		CHANGE INCORPORATION (YELLOW HIGHLIGHTER)		CHANGE INCORPORATION (YELLOW HIGHLIGHTER)	
PHASE _____ REVIEW											
SIGNATURE:											



SCALE: FULL SIZE: HALF SIZE:
HORIZONTAL SCALE: 1" = 10' HORIZONTAL SCALE: 1" = 20'
VERTICAL SCALE: 1" = 5' VERTICAL SCALE: 1" = 10' FOR CONSTRUCTION
PLOT DATE: 8/17/16

**HIGHWAY 97 PHASE I
ROADWAY WIDENING AND DRAINAGE
IMPROVEMENTS**

CROSS SECTIONS

HAMMOND ENGINEERING, INC.
FLORIDA AUTHORIZATION NO. 9130
ALABAMA AUTHORIZATION NO. 3277
3802 NORTH S STREET
PENSACOLA, FL 32505
PHONE: (850) 434-2603 FAX: (850) 434-2650

DESIGNED BY:	T. HAMMOND	CHECKED BY:	T. HAMMOND	REG. P.A. ENG. NO.:	54574	DATE:	
DRAWN BY:	E. BUSH	PROJECT MANAGER:	E. BUSH	DISTRICT:	FIVE	SIGNATURE:	
DATE:	JULY 2014						

APPROVED BY:	DATE:
E. BUSH	3/13/15
E. BUSH	4/16/15
E. BUSH	8/2/16
E. BUSH	8/17/16

REVISIONS:
AS PER ESCAMBIA COUNTY
AS PER ADDENDUM #2
INTERSECTION REALIGNMENT
ADDITIONAL CHANGE ITEMS

NUMBER: 12-007
DRAWING NUMBER
PROJECT NUMBER
SURVEY NUMBER

PG. **C22** of **C27**

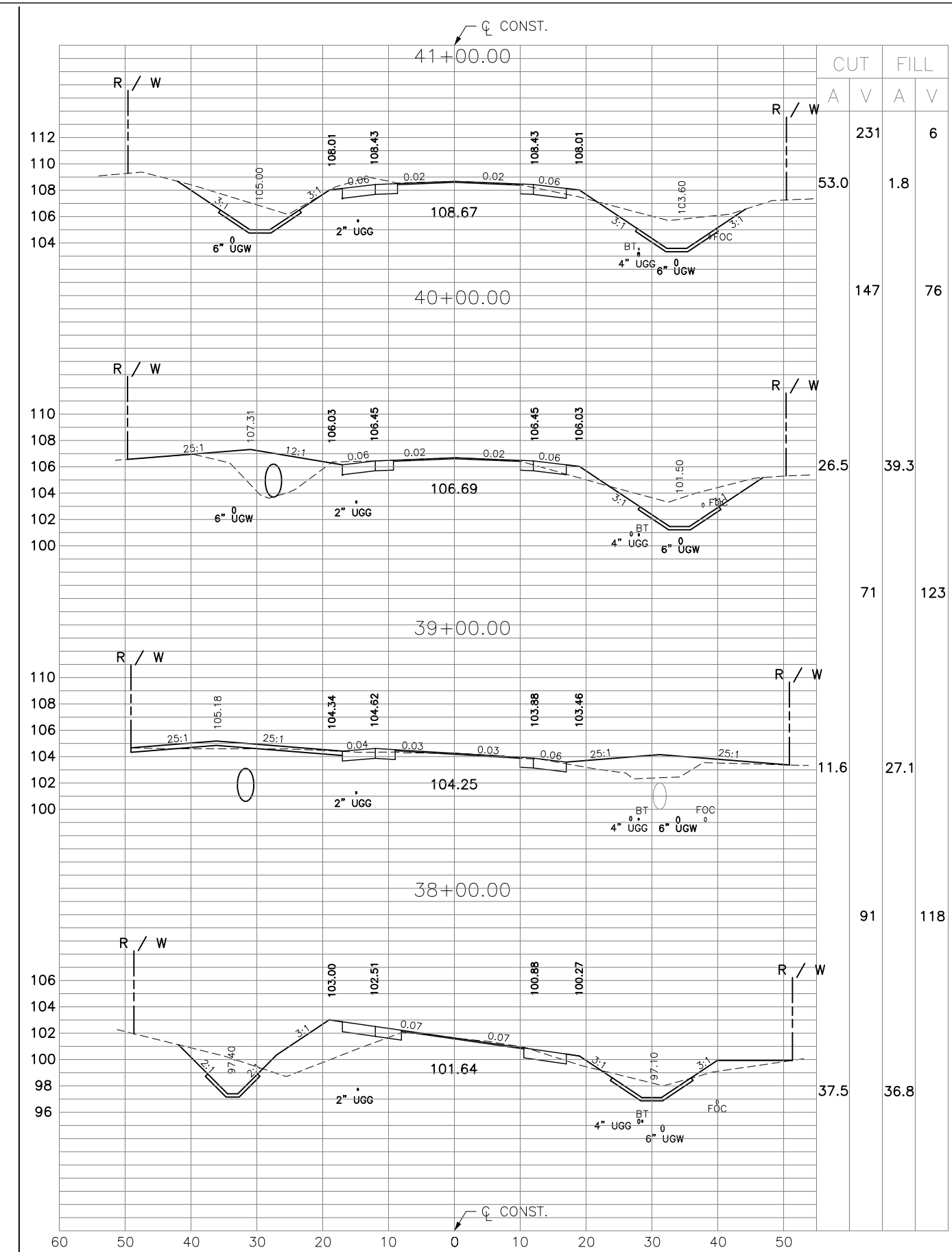
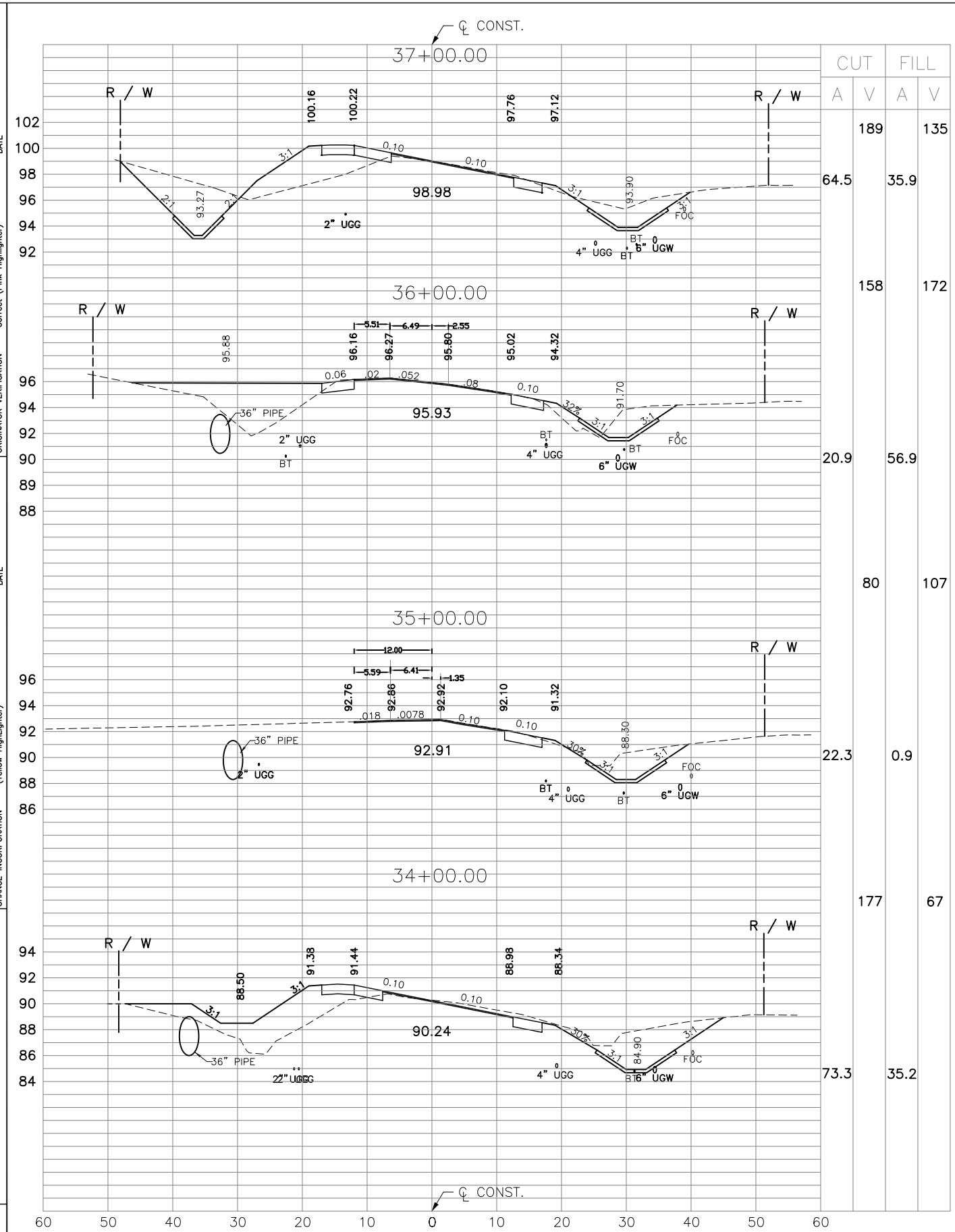
PHASE _____ REVIEW _____
 SIGNATURE: _____

ORIGINATOR (RP) DATE _____
 PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP) CHECKER (RP) DATE _____
 CHANGE INCORPORATION (Yellow Highlighter)

ORIGINATOR (GR) Correct (Green Highlighter) Change (Red Pen) DATE _____
 CHECKER (RP) (Red Pen X-Out to Disagree or Remark) DATE _____
 CHANGE INCORPORATION (Yellow Highlighter)

ORIGINATOR (GR) Correct (Green Highlighter) DATE _____
 CHECKER (RP) (Red Pen X-Out to Disagree or Remark) DATE _____
 CHANGE INCORPORATION (Yellow Highlighter)

VERIFICATION, CHECKER (OR) (Blue Highlighter) DATE _____
 REMARK INCORPORATION (Blue Highlighter) DATE _____
 ORIGINATOR VERIFICATION Correct (Pink Highlighter) DATE _____



SCALE: FULL SIZE:
 HORIZONTAL SCALE: 1" = 10'
 VERTICAL SCALE: 1" = 5'

HALF SIZE:
 HORIZONTAL SCALE: 1" = 20'
 VERTICAL SCALE: 1" = 10'

FOR CONSTRUCTION
 PLOT DATE: 8/17/16

**HIGHWAY 97 PHASE I
 ROADWAY WIDENING AND DRAINAGE
 IMPROVEMENTS**

CROSS SECTIONS

HAMMOND ENGINEERING, INC.
 FLORIDA AUTHORIZATION NO. 9130
 ALABAMA AUTHORIZATION NO. 3277
 3802 NORTH 'S' STREET
 PENSACOLA, FL 32505
 PHONE: (850) 434-2603 FAX: (850) 434-2650

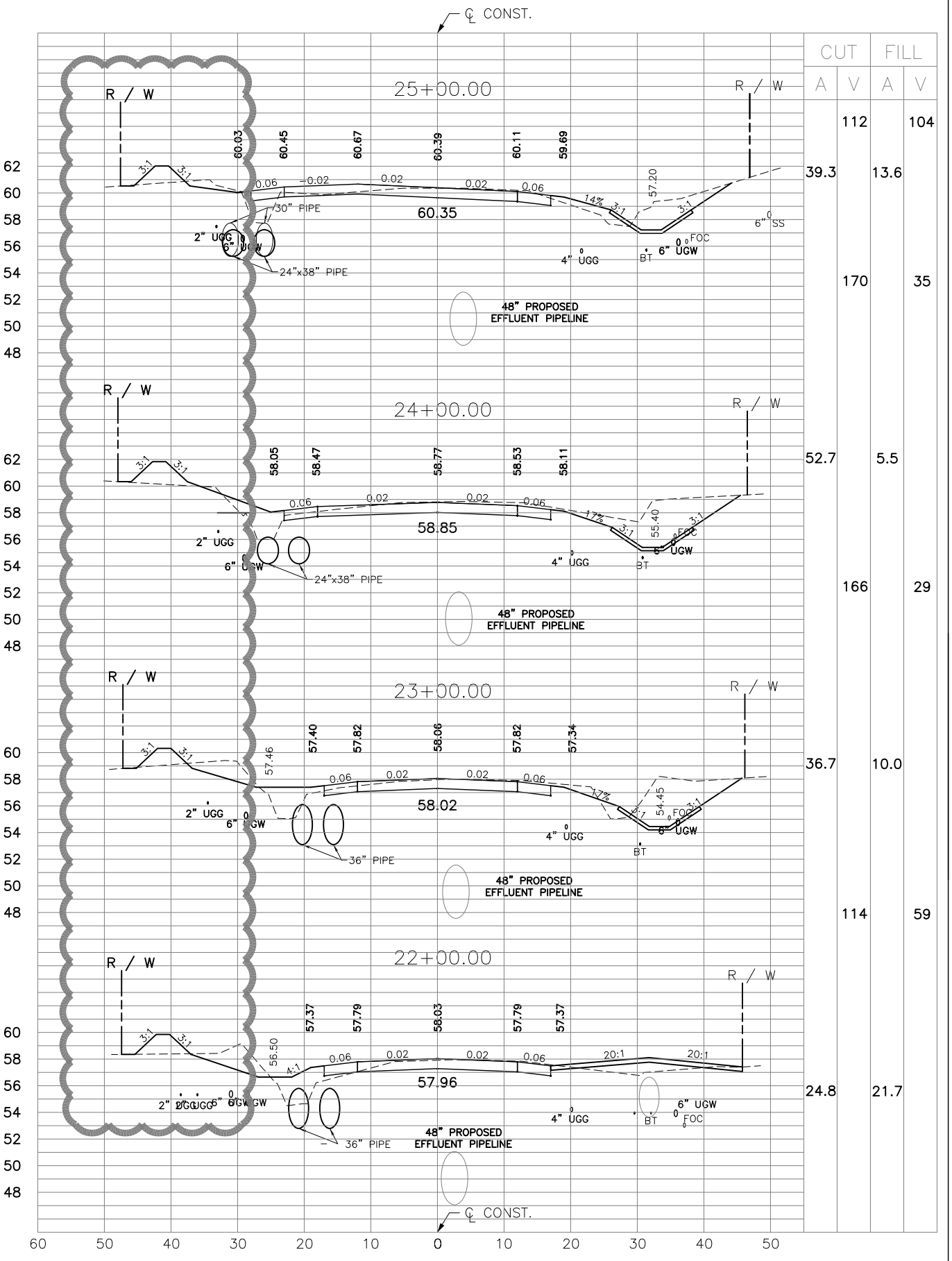
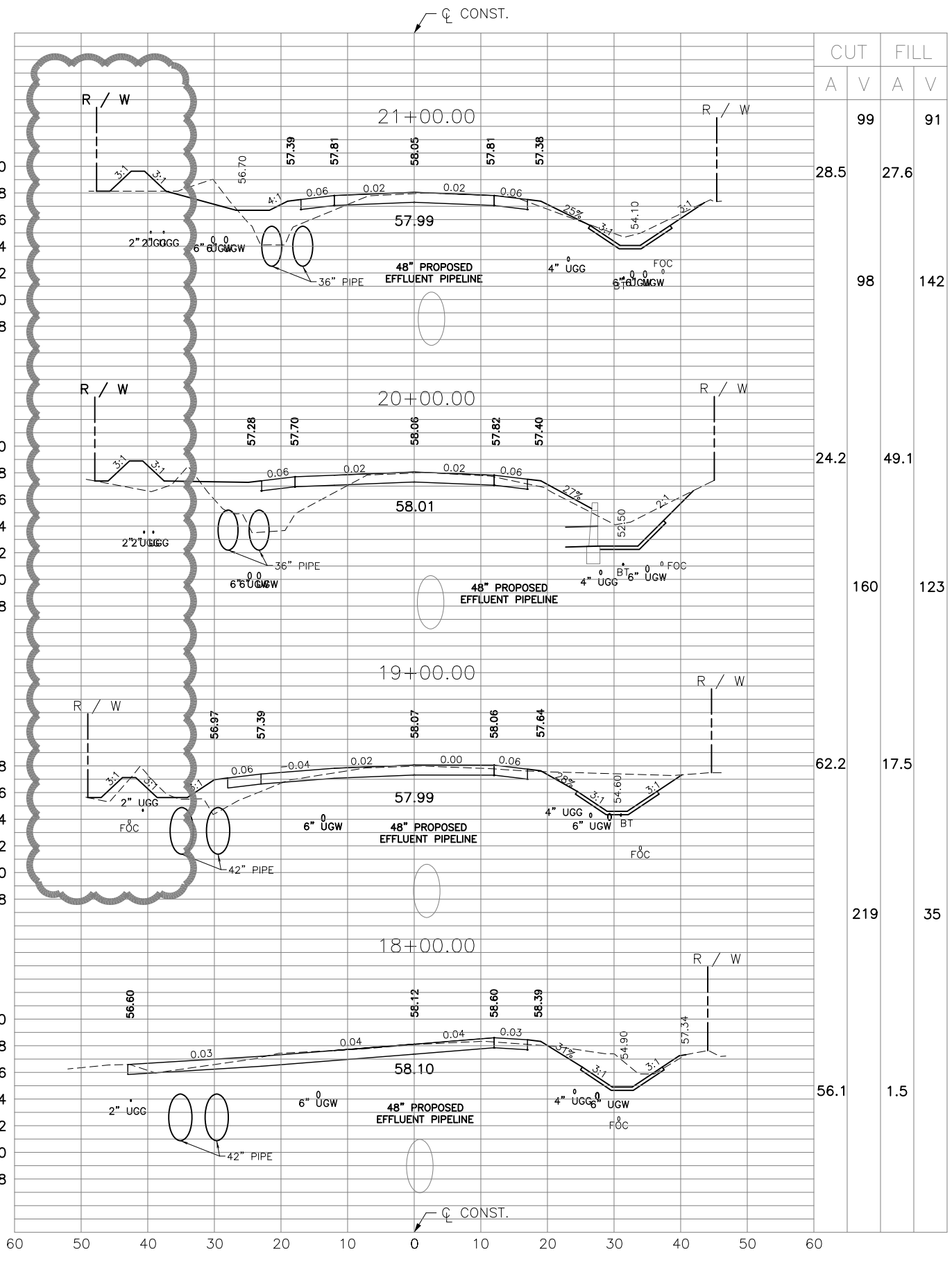
DESIGNED BY: T. HAMMOND	CHECKED BY: T. HAMMOND	REG. P.E. NO.: 54574	DATE: _____
DRAWN BY: E. BUSH	PROJECT MANAGER: E. BUSH	DISTRICT: FIVE	SIGNATURE: _____
DATE: _____	DATE: _____	DATE: _____	DATE: _____

APPROVED BY: E. BUSH	DATE: 3/13/15
AS PER ESCAMBIA COUNTY	DATE: 4/16/15
AS PER ABBOTTS #2	DATE: 8/2/16
INTERSECTION REALIGNMENT	DATE: 8/17/16
ADDITIONAL CHANGE ITEMS	DATE: _____

NUMBER 12-007
 DRAWING NUMBER
 PROJECT NUMBER
 SURVEY NUMBER


PG. **C23** of **C27**

ORIGINATOR (RP)	DATE	ORIGINATOR (GR)	DATE	ORIGINATOR (GR)	DATE	ORIGINATOR (GR)	DATE	ORIGINATOR (GR)	DATE	ORIGINATOR (GR)	DATE
PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)		CORRECT (Green Highlighter) Change (Red Pen)		CORRECT (Green Highlighter) Change (Red Pen)		CORRECT (Green Highlighter) Change (Red Pen)		CORRECT (Green Highlighter) Change (Red Pen)		CORRECT (Green Highlighter) Change (Red Pen)	
		CHECKER (RP)		CHECKER (RP)		CHECKER (RP)		CHECKER (RP)		CHECKER (RP)	
		CHANGE INCORPORATION (Yellow Highlighter)		CHANGE INCORPORATION (Yellow Highlighter)		CHANGE INCORPORATION (Yellow Highlighter)		CHANGE INCORPORATION (Yellow Highlighter)		CHANGE INCORPORATION (Yellow Highlighter)	
		ORIGINATOR VERIFICATION (Correct (Pink Highlighter))		ORIGINATOR VERIFICATION (Correct (Pink Highlighter))		ORIGINATOR VERIFICATION (Correct (Pink Highlighter))		ORIGINATOR VERIFICATION (Correct (Pink Highlighter))		ORIGINATOR VERIFICATION (Correct (Pink Highlighter))	
		REMARK INCORPORATION (Blue Highlighter)		REMARK INCORPORATION (Blue Highlighter)		REMARK INCORPORATION (Blue Highlighter)		REMARK INCORPORATION (Blue Highlighter)		REMARK INCORPORATION (Blue Highlighter)	
		VERIFICATION, CHECKER (OR)		VERIFICATION, CHECKER (OR)		VERIFICATION, CHECKER (OR)		VERIFICATION, CHECKER (OR)		VERIFICATION, CHECKER (OR)	
PHASE		DATE		DATE		DATE		DATE		DATE	
SIGNATURE:											



SCALE: FULL SIZE: HALF SIZE:
 HORIZONTAL SCALE: 1" = 10' HORIZONTAL SCALE: 1" = 20'
 VERTICAL SCALE: 1" = 5' VERTICAL SCALE: 1" = 10'

FOR CONSTRUCTION
 PLOT DATE: 8/17/16



**HIGHWAY 97 PHASE I
ROADWAY WIDENING AND DRAINAGE
IMPROVEMENTS**

CROSS SECTIONS

HAMMOND ENGINEERING, INC.
 FLORIDA AUTHORIZATION NO. 9130
 ALABAMA AUTHORIZATION NO. 3277
 3802 NORTH 'S' STREET
 PENSACOLA, FL 32505
 PHONE: (850) 434-2603 FAX: (850) 434-2650

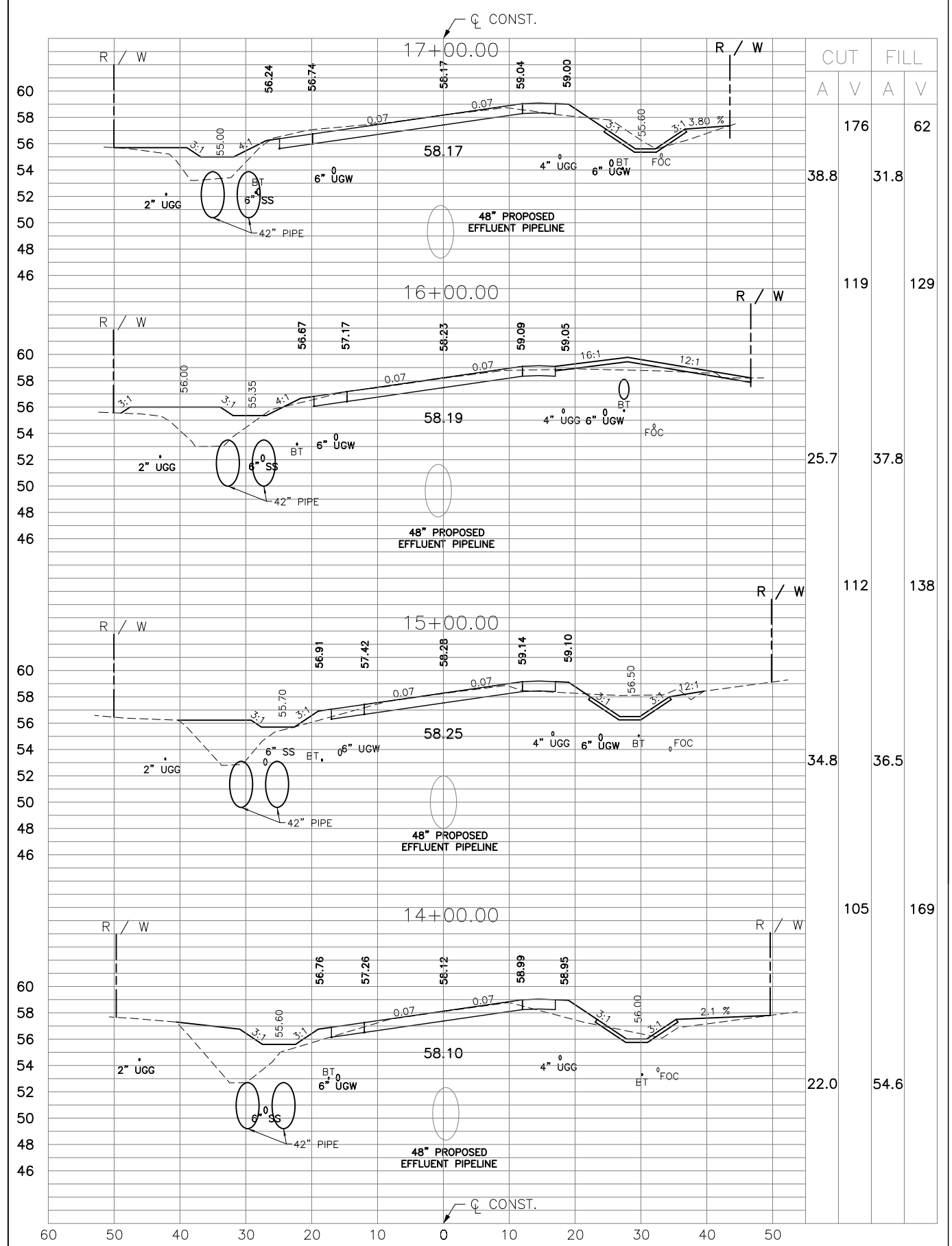
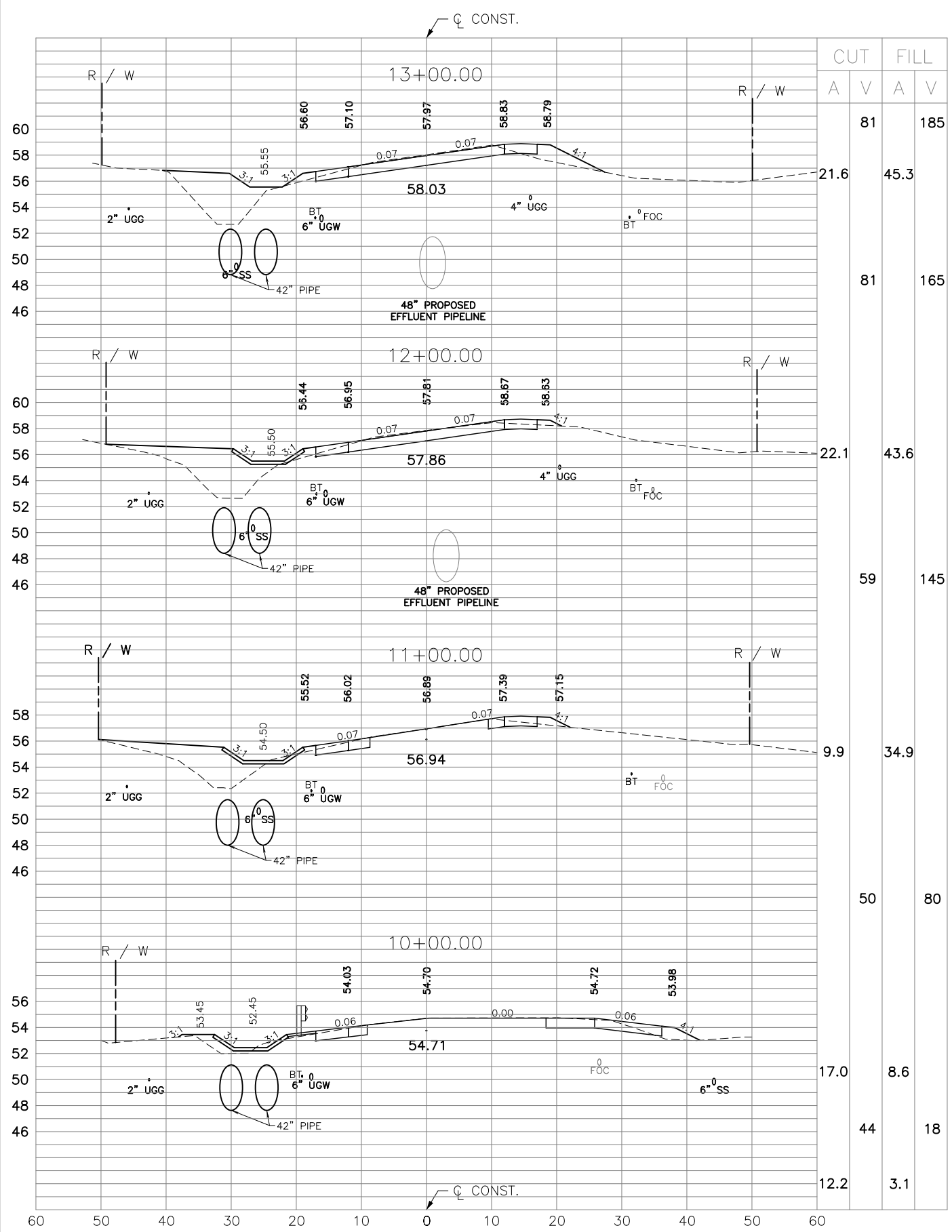
DESIGNED BY: T. HAMMOND
 CHECKED BY: T. HAMMOND
 PROJECT MANAGER: E. BUSH
 DATE: JULY 2014

REVISIONS	DATE	APPROVED BY
AS PER ESCAMBIA COUNTY	3/13/15	E. BUSH
AS PER ADDENDUM #2	4/16/15	E. BUSH
INTERSECTION REALIGNMENT	8/2/16	E. BUSH
ADDITIONAL CHANGE ITEMS	8/17/16	E. BUSH

NUMBER	12-007
DRAWING NUMBER	
PROJECT NUMBER	
SURVEY NUMBER	

PG. **C25** of **C27**

PHASE	REVIEW	DATE	ORIGINATOR (RP)	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)	DATE	ORIGINATOR (GR)	Correct (Green Highlighter) Change (Red Pen)	DATE	VERIFICATION, CHECKER (OR)	(Blue Highlighter)	DATE
SIGNATURE:			CHECKER (RP)	(Red Pen X-Out to Disagree or Remark)		CHECKER (GR)	(Red Pen X-Out to Disagree or Remark)		REMARK INCORPORATION	(Blue Highlighter)	
			CHANGE INCORPORATION	(Yellow Highlighter)		ORIGINATOR VERIFICATION	Correct (Pink Highlighter)				



SCALE: FULL SIZE: HALF SIZE:
 HORIZONTAL SCALE: 1" = 10' HORIZONTAL SCALE: 1" = 20'
 VERTICAL SCALE: 1" = 5' VERTICAL SCALE: 1" = 10'

FOR CONSTRUCTION
 PLOT DATE: 8/17/16

**HIGHWAY 97 PHASE I
 ROADWAY WIDENING AND DRAINAGE
 IMPROVEMENTS**

CROSS SECTIONS

HAMMOND ENGINEERING, INC.
 FLORIDA AUTHORIZATION NO. 9130
 ALABAMA AUTHORIZATION NO. 3277
 3802 NORTH 'S' STREET
 PENSACOLA, FL 32505
 PHONE: (850) 434-2603 FAX: (850) 434-2650

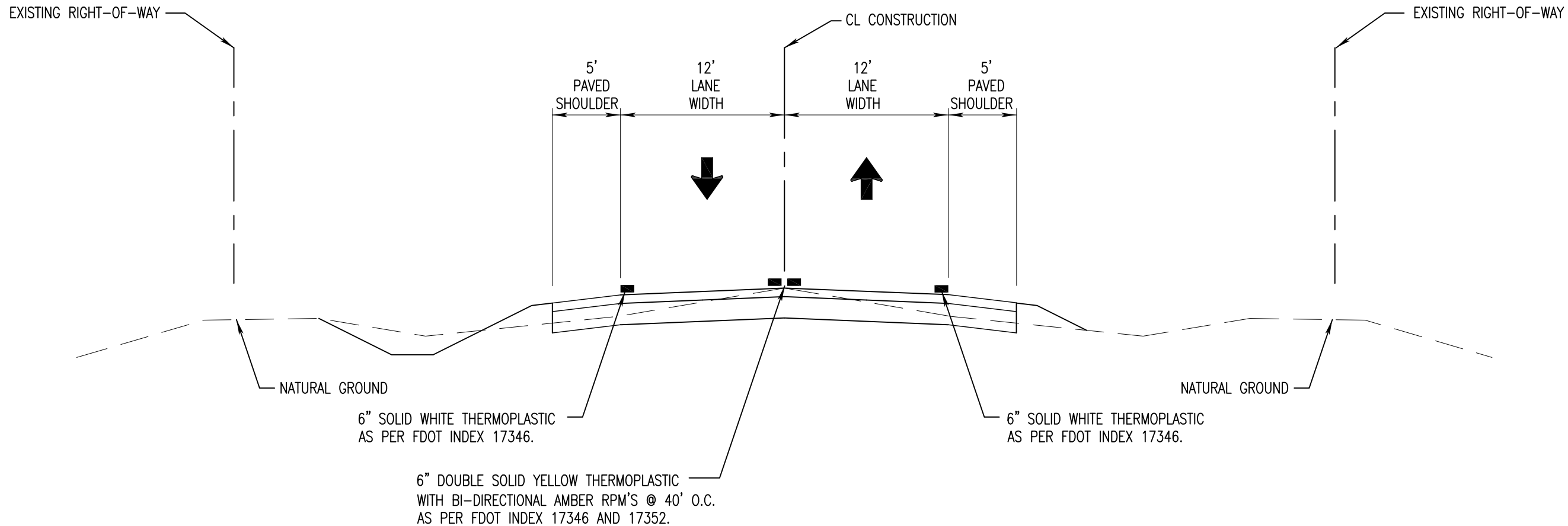
DESIGNED BY:	T. HAMMOND	REG. P.E. ENG. NO.:	54574
CHECKED BY:	T. HAMMOND	DISTRICT:	FIVE
DATE:	JULY 2014	PROJECT MANAGER:	E. BUSH
DATE:		SIGNATURE:	

APPROVED BY:	E. BUSH	DATE:	3/13/15
AS PER ESCAMBIA COUNTY	E. BUSH	DATE:	4/16/15
AS PER ADOPTION #2	E. BUSH	DATE:	8/2/16
INTERSECTION REALIGNMENT	E. BUSH	DATE:	8/7/16
ADDITIONAL CHANGE ITEMS	E. BUSH	DATE:	

NUMBER: 12-007
 DRAWING NUMBER: 12-007
 PROJECT NUMBER:
 SURVEY NUMBER:


PG. **C26** of **C27**

PHASE _____ REVIEW	ORIGINATOR (RP)	DATE	ORIGINATOR (GR)	Correct (Green Highlighter) Change (Red Pen)	DATE	VERIFICATION, CHECKER (OR)	(Blue Highlighter)	DATE
SIGNATURE:	CHECKER (RP)	PRODUCTION CHECKING COMPLETE, READY FOR SUBMITTAL REVIEW (RP)	CHECKER (GR)	(Red Pen X-Out to Disagree or Remark)	DATE	REMARK INCORPORATION	(Blue Highlighter)	DATE
			CHANGE INCORPORATION	(Yellow Highlighter)	DATE	ORIGINATOR VERIFICATION	Correct (Pink Highlighter)	DATE



**PAVEMENT MARKING DETAIL
HIGHWAY 97
STA. 13+00.00 TO STA. 52+52.83**

FOR CONSTRUCTION
PLOT DATE: 8/17/16

HIGHWAY 97 PHASE I ROADWAY WIDENING AND DRAINAGE IMPROVEMENTS				HAMMOND ENGINEERING, INC. FLORIDA AUTHORIZATION NO. 9130 ALABAMA AUTHORIZATION NO. 3277 3802 NORTH 'S' STREET PENSACOLA, FL 32505 PHONE: (850) 434-2603 FAX: (850) 434-2650	
NUMBER 1.	REVISIONS AS PER ESCAMBIA COUNTY	DATE 3/13/15	APPROVED BY E. BUSH	DESIGNED BY T. HAMMOND	REG. P.A. ENG. NO. 54574
NUMBER 2.	REVISIONS AS PER ADDENDUM #2	DATE 4/16/15	APPROVED BY E. BUSH	CHECKED BY T. HAMMOND	DISTRICT FIVE
NUMBER 3.	REVISIONS INTERSECTION REALIGNMENT	DATE 8/2/16	APPROVED BY E. BUSH	DRAWN BY T. HAMMOND	PROJECT MANAGER E. BUSH
NUMBER 4.	REVISIONS ADDITIONAL CHANGE ITEMS	DATE 8/17/16	APPROVED BY E. BUSH	DATE JULY 2014	SIGNATURE
DRAWING NUMBER 12-007		PROJECT NUMBER			
SURVEY NUMBER		PG. C27 of C27			