

COMPONENTS OF CONTRACT PLANS SET

- SIGNING & PAVEMENT MARKING PLANS
- UTILITY PLANS
- SIGNALIZATION PLANS

A DETAILED INDEX APPEARS ON THE KEY SHEET OF EACH COMPONENT

INDEX OF ROADWAY PLANS

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GOVERNING STANDARDS AND SPECIFICATIONS:
 Florida Department of Transportation, 2015 Design Standards and revised Index Drawings as appended herein, and 2015 Standard Specifications for Road and Bridge Construction, as amended by Contract Documents.

For Design Standards click on the "Design Standards" link at the following web site:
<http://www.dot.state.fl.us/rddesign/DesignStandards>

For the Standard Specifications for Road and Bridge Construction click on the "Specifications" link at the following web site:
<http://www.dot.state.fl.us/specificationsoffice/StandardSpecifications>

LEE CONY BOARD OF COMMISSIONERS

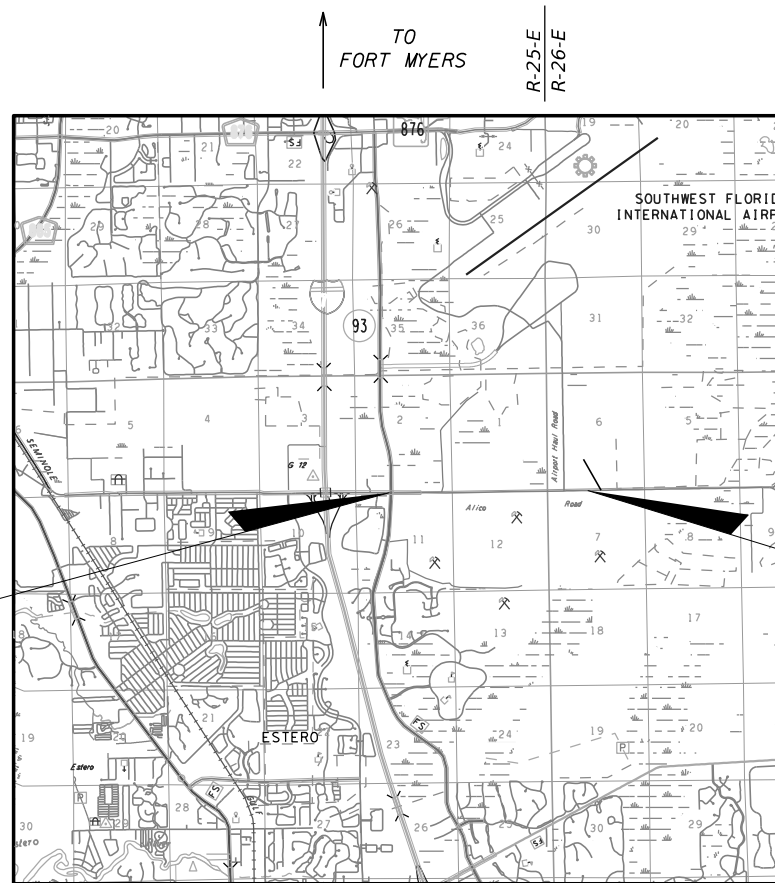
- DISTRICT 1: JOHN E. MANNING
- DISTRICT 2: CECIL L. PENDERGRASS
- DISTRICT 3: LARRY KIKER
- DISTRICT 4: BRIAN HAMMAN
- DISTRICT 5: FRANK MANN

**LEE COUNTY
 DEPARTMENT OF TRANSPORTATION**

CONTRACT PLANS

**PROJECT NO. 5075
 LEE COUNTY (NO. 208549)
 ALICO ROAD WIDENING**

FROM BEN HILL GRIFFIN PARKWAY TO AIRPORT HAUL ROAD



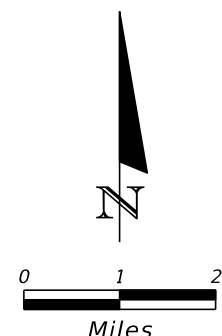
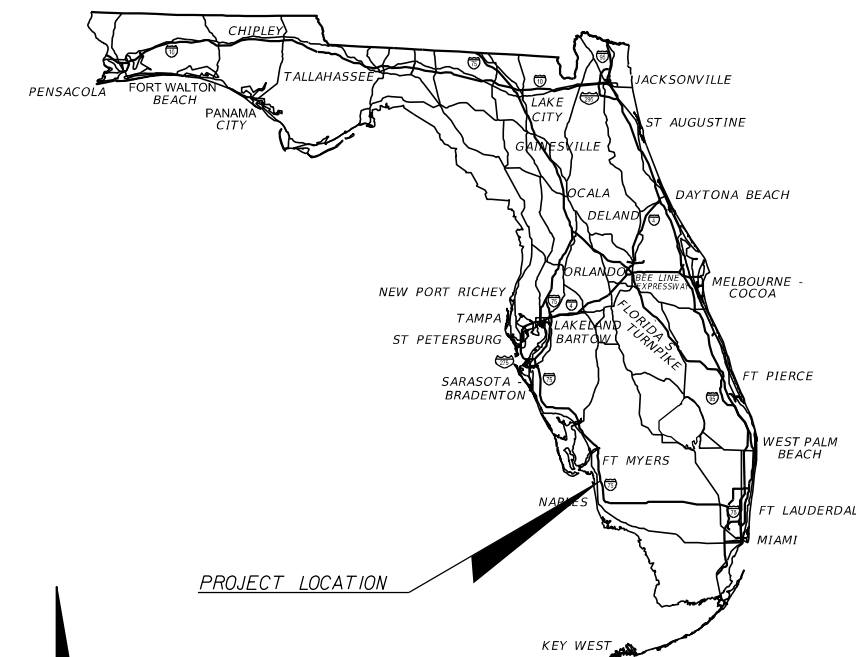
BEGIN PROJECT
 STA. 84+01.30

END PROJECT
 STA. 197+93.71

PROJECT LENGTH IS BASED ON Q OF CONSTRUCTION

LENGTH OF PROJECT		
	LINEAR FEET	MILES
ROADWAY	11,392.41	2.158
BRIDGES		
NET LENGTH OF PROJECT	11,392.41	2.158
EXCEPTIONS		
GROSS LENGTH OF PROJECT	11,392.41	2.158

COUNTY PROJECT MANAGER: VINCENT MILLER, P.E.



ROADWAY SHOP DRAWINGS
 TO BE SUBMITTED TO:

RYAN K. BELL, P.E. PTOE
 JOHNSON ENGINEERING INC.
 2122 JOHNSON STREET
 FORT MYERS, FL 33901

PLANS PREPARED BY:

JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

**100% SUBMITTAL
 OCTOBER 2017**

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



KEY SHEET REVISIONS	
DATE	DESCRIPTION

ROADWAY PLANS
 ENGINEER OF RECORD:

RYAN K. BELL, P.E.
 P.E. NO.: 60010

FISCAL YEAR	SHEET NO.
15	1

SUMMARY OF PAY ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	QUANTITY
101 1	MOBILIZATION	LS	1
102 1	MAINTENANCE OF TRAFFIC	LS	1
104 10 3	SEDIMENT BARRIERS - SILT FENCE	LF	33,320
104 11	FLOATING TURBIDITY BARRIER	LF	1,444
104 12	STAKED TURBIDITY BARRIER- NYLON REINFORCED PVC	LF	1,449
104 18	INLET PROTECTION SYSTEM	EA	39
107 2	MOWING	LS	1
110 1 1	CLEARING & GRUBBING (77.35 ACRES)	LS	1
120 1	EXCAVATION REGULAR	CY	23,657
120 6	EMBANKMENT	CY	245,784
160 4	TYPE B STABILIZATION (LBR 70)	SY	771
160 4	TYPE B STABILIZATION (LBR 40)	SY	111,834
285 701	OPTIONAL BASE, BASE GROUP 01	SY	31,426
285 704	OPTIONAL BASE, BASE GROUP 04 (6" LIMEROCK DRIVE)	SY	4,257
285 709	OPTIONAL BASE, BASE GROUP 9	SY	6,829
285 711	OPTIONAL BASE, BASE GROUP 11	SY	90,114
327 70 6	MILLING EXIST ASPH PAVT, 1.5" AVG DEPTH	SY	5,020
327 70 17	MILLING EXIST ASPH PAVT, 3"	SY	5,418
334 1 12	SUPERPAVE ASPHALTIC CONC, TRAFFIC B (PATHWAY ASPHALT)	TN	1,522
334 1 13	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC C (SP 12.5)	TN	742
334 1 13A	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC C (FC 9.5)	TN	433
334 1 14	SUPERPAVE ASPHALTIC CONC SP 12.5, TRAFFIC D	TN	7,421
334 1 24	SUPERPAVE ASPHALTIC CONC SP 12.5, TRAFFIC D, PG 76-22, PMA	TN	7,434
337 7 45	ASHPALTIC CONCRETE FRICTION COURSE (TRAFFIC D, FC-12.5, PG 76-22, PMA)	TN	8,373
350 3 10	PLAIN CEMENT CONCRETE PAVEMENT, 6" (MEDIAN NOSE)	SY	109
400 1 2	CONCRETE CLASS I, ENDWALLS	CY	62
400 2 2	CONCRETE CLASS II, ENDWALS	CY	34
425 2 41	MANHOLES, P-7, <10'	EA	2
425 2 91	MANHOLES, J-8, <10'	EA	3
425 1 311	INLETS, CURB, TYPE P-1, <10'	EA	5
425 1 321	INLETS, CURB, TYPE P-2, <10'	EA	33
425 1 421	INLETS, CURB, TYPE J-2, <10'	EA	1
425 1 521	INLETS, DT BOT, TYPE C, <10'	EA	20
425 1 541	INLETS, DT BOT, TYPE D, <10'	EA	2
425 1 549	INLETS, DT BOT, TYPE D, MODIFY	EA	1
425 1 551	INLETS, DT BOT, TYPE E, <10'	EA	15
425 1 559	INLETS, DT BOT, TYPE E, MODIFY	EA	8
425 1 581	INLETS, DT BOT, TYPE H, <10'	EA	3
430 174 218	CONCRETE PIPE CULVERT CLASS III, ELLIP/ARCH, 14" x 23"	LF	6
430 175 118	CONCRETE PIPE CULVERT CLASS III, 18"	LF	1,323
430 175 124	CONCRETE PIPE CULVERT CLASS III, 24"	LF	2,365
430 175 130	CONCRETE PIPE CULVERT CLASS III, 30"	LF	1,035
430 175 136	CONCRETE PIPE CULVERT CLASS III, 36"	LF	492

PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	QUANTITY
430 175 142	CONCRETE PIPE CULVERT CLASS III, 42"	LF	397
430 175 148	CONCRETE PIPE CULVERT CLASS III, 48"	LF	672
430 175 154	CONCRETE PIPE CULVERT CLASS III, 54"	LF	100
430 175 160	CONCRETE PIPE CULVERT CLASS III, 60"	LF	444
430 982 129	MITERED END SECTION, OPTIONAL ROUND 24" CD	EA	6
430 982 141	MITERED END SECTION, OPTIONAL ROUND 48" CD	EA	1
430 982 625	MITERED END SECTION, OPTIONAL - ELLIPTICAL (14"x23") CD	EA	1
515 1 2	PIPE HANDRAIL - GUIDERAIL, ALUMINUM	LF	26
520 1 10	CONCRETE CURB & GUTTER, TYPE F	LF	22,745
520 1 7	CONCRETE CURB & GUTTER, TYPE E	LF	18,819
520 5 11A	TRAFFIC SEPARATOR CONCRETE-TYPE I, 3' WIDE	LF	636
520 5 16A	TRAFFIC SEPARATOR CONCRETE-TYPE I, 9' WIDE	LF	91
520 5 41A	TRAFFIC SEPARATOR CONCRETE-TYPE IV, 4.5' WIDE	LF	204
522 2	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	1,705
527 2	DETECTABLE WARNINGS	SF	535
530 3 4	RIPRAP, RUBBLE, F&I, DITCH LINING	TN	860
536 73	GUARDRAIL REMOVAL	LF	453
550 10 119	FENCING, TYPE A, 0.0-5.0', SPECIAL FEATURES (5) STRAND BARBED WIRE	LF	14,613
550 60 125	FENCE GATE, TYPE A, DBL, 20.1-24.0' OPENING	EA	11
570 1 2	PERFORMANCE TURF, SOD	SY	185,463
630 2 11	CONDUIT, F&I, (OPEN TRENCH)	LF	8683
635 2 12	PULL & SPLICE BOX, F&I, FIBER OPTIC PULL BOX, 24" X 36" X 24"	EA	20
635 2 13	PULL & SPLICE BOX, F&I, SPLICE VAULT, 30" X 48" X 24"	EA	1

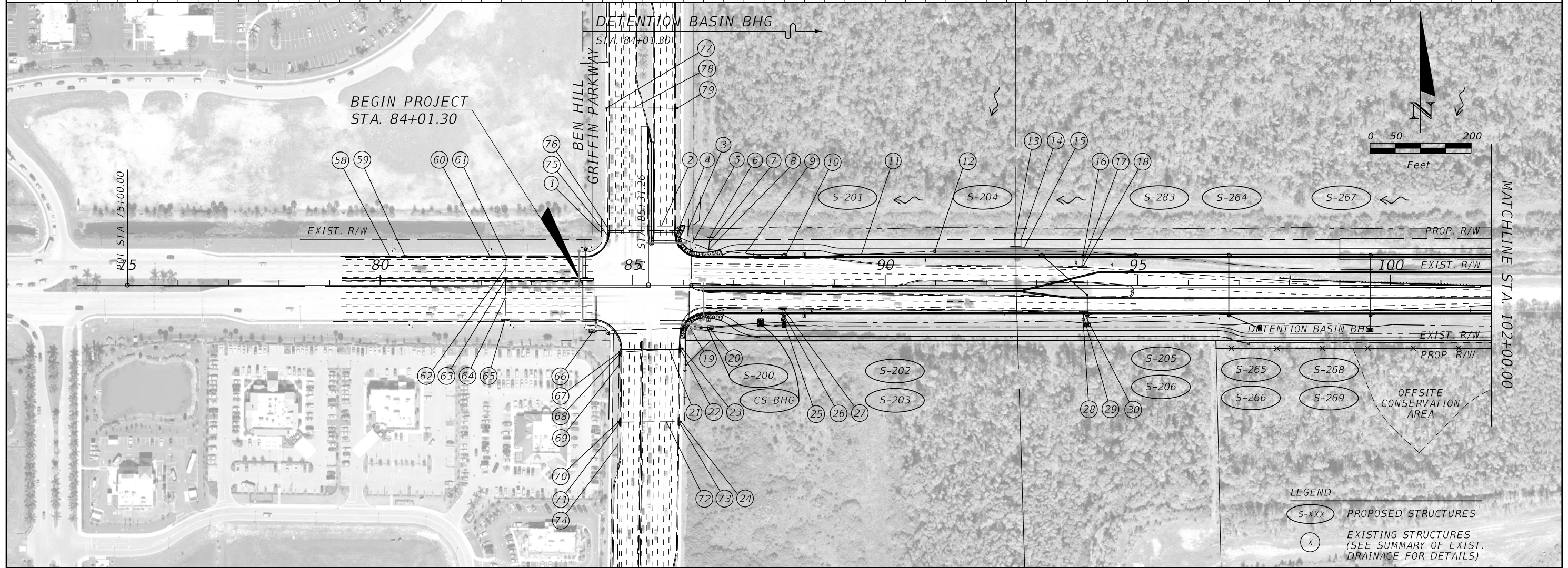
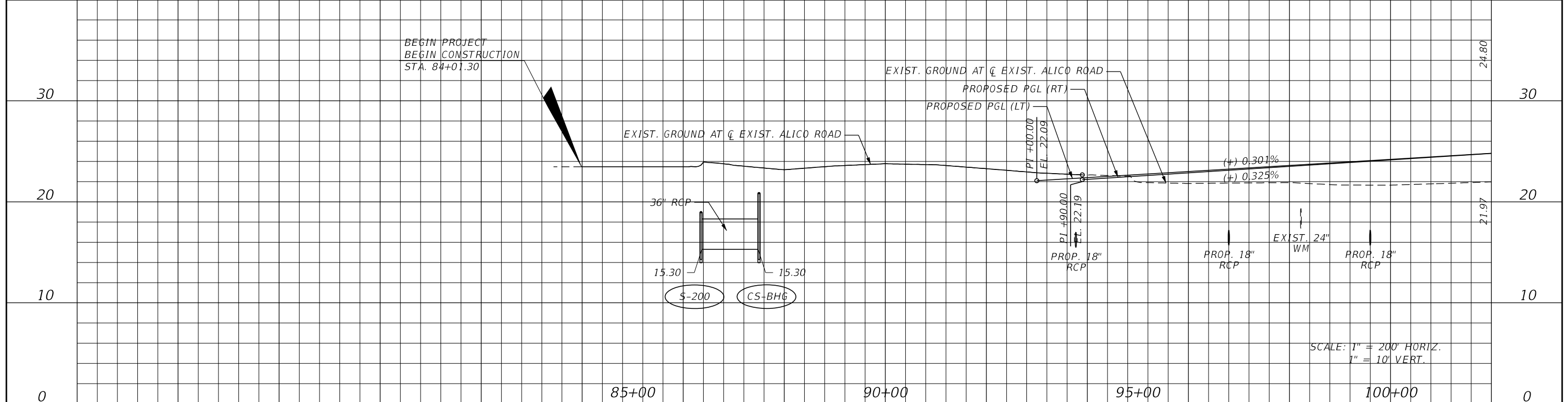
PAY ITEM FOOTNOTES:

- 110-1-1 ALL COSTS ASSOCIATED WITH REMOVAL AND DISPOSAL OF EXISTING FENCE IS INHERENT TO THIS PAY ITEM.
- 120-6 FILL MATERIAL WILL BE OBTAINED FROM THE PROJECT SITE OR THE ADJACENT CENTERPLACE PROPERTY AT NO COST TO THE CONTRACTOR. ALL COSTS ASSOCIATED WITH SHAPING AND RESTORING THE BORROW PIT LOCATED ON CENTERPLACE PROPERTY PRIOR TO COMPLETION OF THE PROJECT SHALL BE INCLUDED IN THIS PAY ITEM.
- 425-1-541 WHERE A PROPOSED DRAINAGE STRUCTURE IS TO BE CONNECTED TO AN EXISTING PIPE, ALL COSTS ASSOCIATED WITH THE CONNECTION SHALL BE INHERENT TO THE DRAINAGE STRUCTURE.
- 430-175-XXX THE COST OF CONCRETE COLLARS SHALL BE INHERENT TO THE COST OF PIPE.
- 515-1-2 THE COST FOR HEADWALL MODIFICATION FOR MOUNTING OF GUIDERAIL ARE INHERENT TO THIS PAY ITEM.
- 522-1 THE COST OF SIDEWALK CURB AND CURB RAMPS IS INHERENT TO THIS PAY ITEM.
- 530-3-4 THE COST OF FILTER FABRIC SHALL BE INHERENT TO THIS PAY ITEM.
- 550-10-119 CONTRACTOR TO INSTALL TYPE A FENCE PER INDEX 801, WOVEN WIRE FARM FENCE SHALL BE SUBSTITUTED FOR (5) STRAND BARBED WIRE. RELOCATION OF EXISTING FENCE SHALL BE INHERENT TO THIS PAY ITEM.
- 550-60-125 ALL GATES ARE TO BE 24' IN LENGTH.
- 715-4-400 ALL COSTS ASSOCIATED WITH THE RELOCATION OF EXISTING STREET LIGHTS SHALL BE INHERENT TO THIS PAY ITEM, THIS INCLUDES BUT IS NOT LIMITED TO; CONCRETE PAD AND FOUNDATION, ELECTRICAL CONNECTIONS, AND ASSOCIATED HARDWARE.

REVISIONS				 <p>2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010</p>	LEE COUNTY DEPARTMENT OF TRANSPORTATION			<p align="center">SUMMARY OF PAY ITEMS</p>	SHEET NO. 2
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						LEE			

PAY ITEM NO.	PAY ITEM DESCRIPTION	UNIT	QUANTITY
0700-1-11	SINGLE POST SIGN, F&I, GROUND MOUNT, <=12SF	AS	53
0700-1-60	SINGLE POST SIGN, REMOVE	AS	35
0700-2-13	MULTI POST SIGN, F&I, GROUND MOUNT, 21-30 SF	AS	5
0700-2-14	MULTI POST SIGN, F&I, GROUND MOUNT, 31-50 SF	AS	1
0700-2-60	MULTI POST SIGN, F&I, GROUND MOUNT, REMOVE	AS	7
0705-10-1	OBJECT MARKER, TYPE 1	EA	5
0705-10-4	OBJECT MARKER, TYPE 4	EA	1
0705-11-2	DELINEATOR, NON-FLEXIBLE, MEDIAN	EA	8
0705-11-3	DELINEATOR, FLEXIBLE, HIGH VISIBILITY MEDIAN	EA	6
0706 3	RETRO-REFLECTIVE PAVEMENT MARKERS	EA	1427
0710 11190	PAINT, STD., WHITE, ISLAND NOSE	SF	38
0710 11290	PAINT, STD., YELLOW, ISLAND NOSE	SF	845
0710-90	PAINTED PAVEMENT MARKINGS, FINAL SURFACE	LS	1
0711 11123	THERMO., STD., WHITE, SOLID, CROSSWALK/RA, 12"	LF	2745
0711 11124	THERMO., STD., WHITE, SOLID, DIAG./CHEVRONS, 18"	LF	2884
0711 11125	THERMO., STD., WHITE, SOLID, STOP LINE, 24"	LF	549
0711 11141	THERMO., STD., WHITE, GUIDE LINE, 6" (2/4)	GM	1
0711 11160	THERMO., STD., MESSAGE OR SYMBOL (MERGE)	EA	5
0711 11170	THERMO., STD., ARROWS	EA	100
0711 11224	THERMO., STD., YELLOW, SOLID, DIAG./CHEVRONS, 18"	LF	589
0711 11241	THERMO., STD., YELLOW, GUIDE LINE, 6" (2/4), EXTENSION LINE, 6" (6/10)	GM	0.322
0711 14160	THERMO., PREFORMED, MESSAGE OR SYMBOL (BIKE)	EA	35
0711 14170	THERMO., PREFORMED, ARROWS (BIKE)	EA	35
0711 16101	THERMO., STD. - OTHER, WHITE, SOLID, 6"	GM	6
0711 16102	THERMO., STD. - OTHER, WHITE, SOLID, 8"	GM	1.483
0711 16131	THERMO., STD. - OTHER, WHITE, SKIP, 6" (10/30)	GM	3.417
0711 16201	THERMO., STD. - OTHER, YELLOW, SOLID, 6"	GM	4.669
0711 16202	THERMO., STD. - OTHER, YELLOW, SOLID, 8"	GM	0.190
715 4400	LIGHT POLE COMPLETE, RELOCATE	EA	3

REVISIONS				 JOHNSON ENGINEERING <small>2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010</small>	LEE COUNTY DEPARTMENT OF TRANSPORTATION			SUMMARY OF PAY ITEMS	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						LEE			3



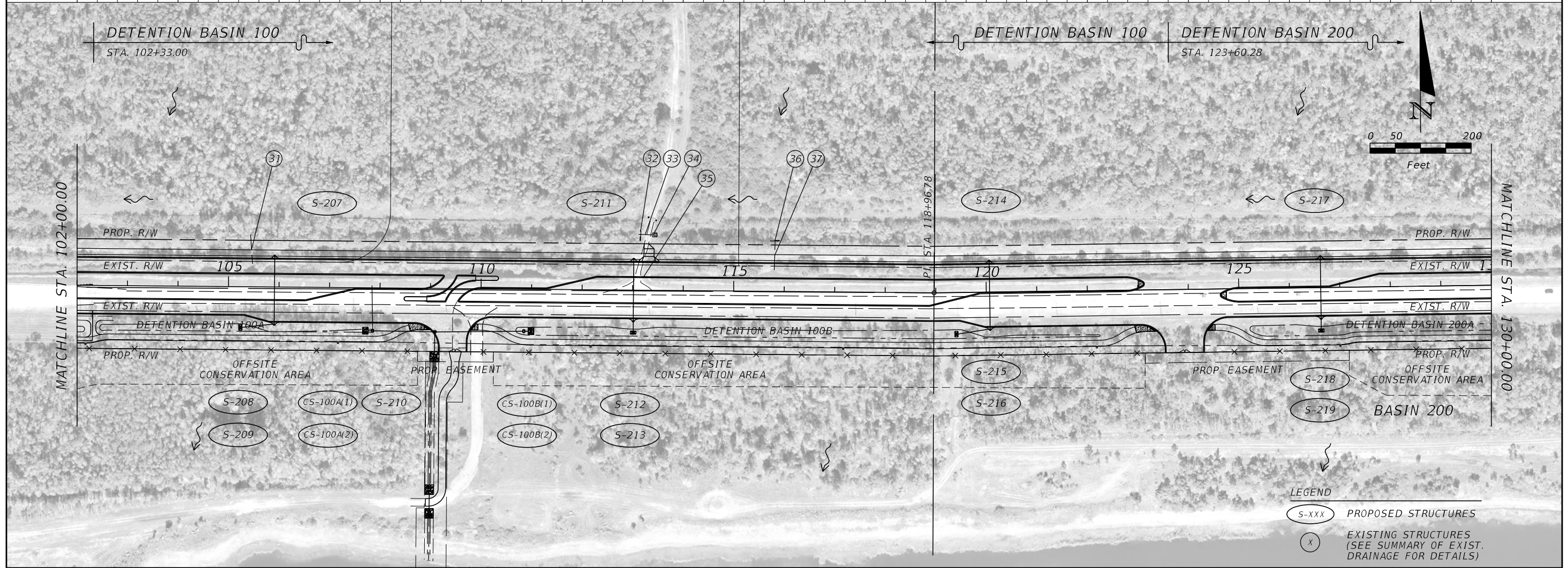
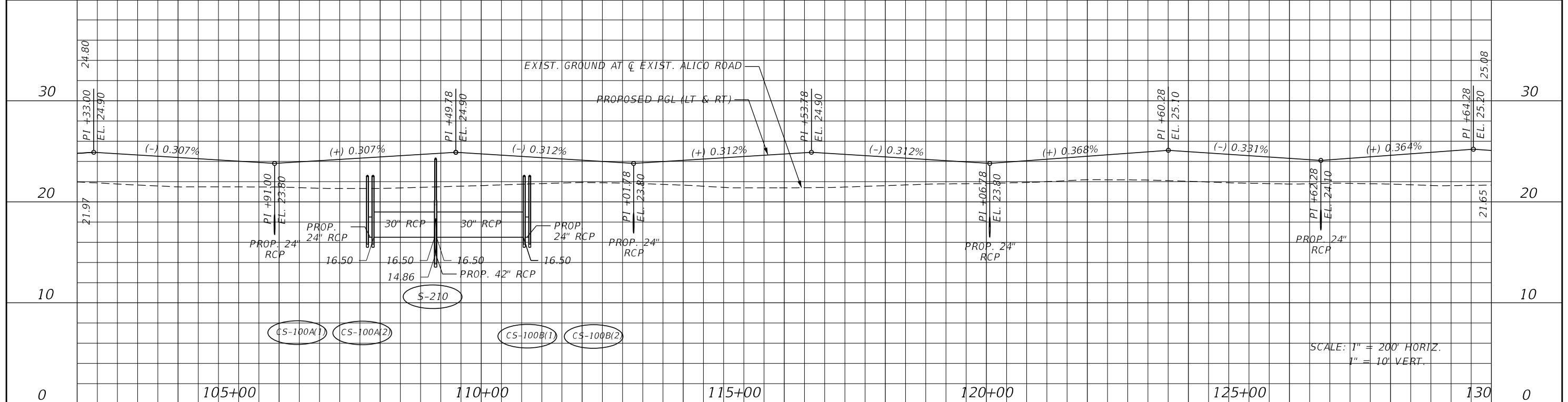
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON
ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

DRAINAGE MAP

SHEET NO.
4



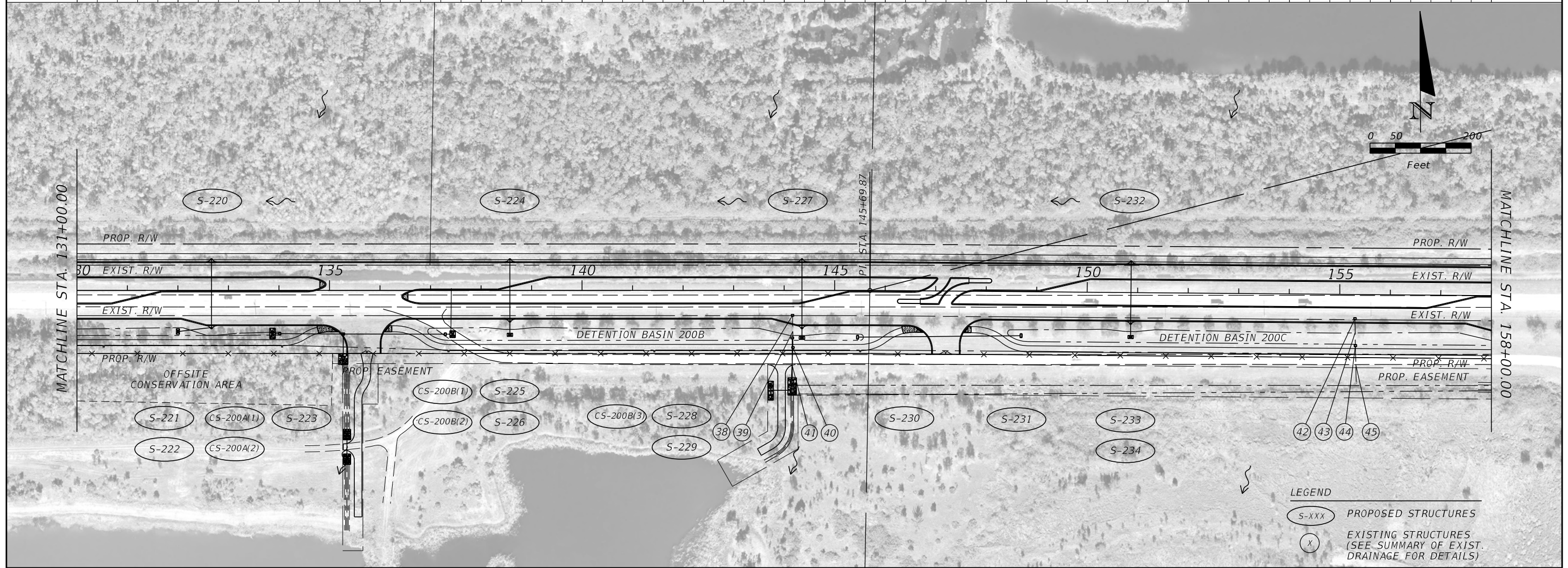
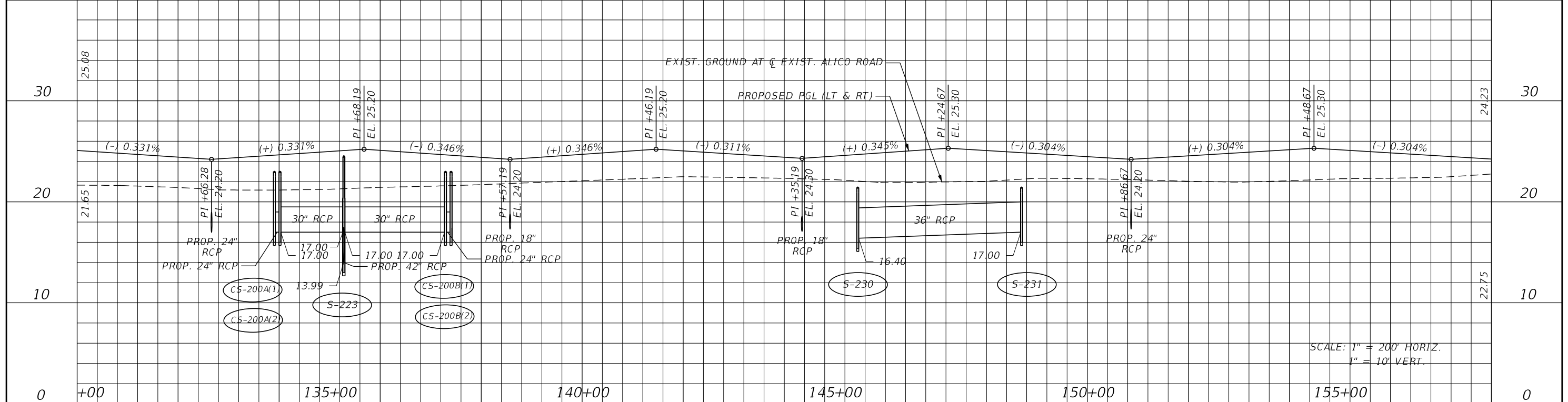
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING
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 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

DRAINAGE MAP

SHEET NO. 5



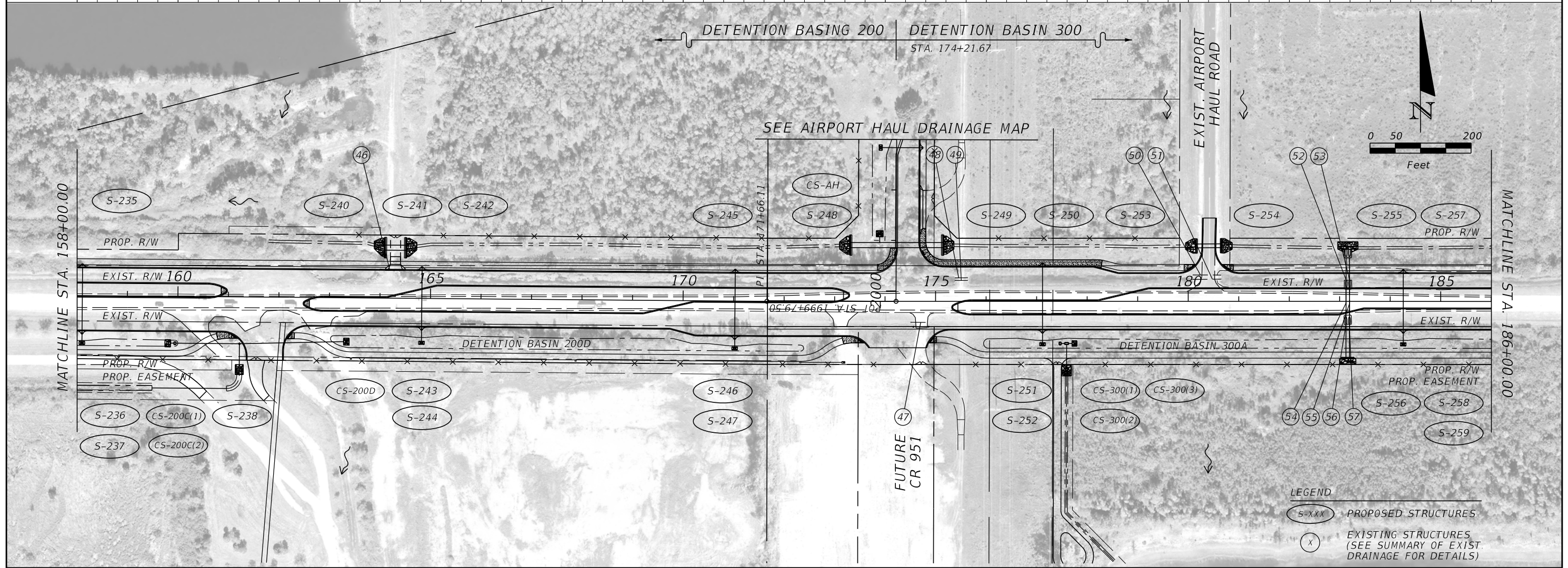
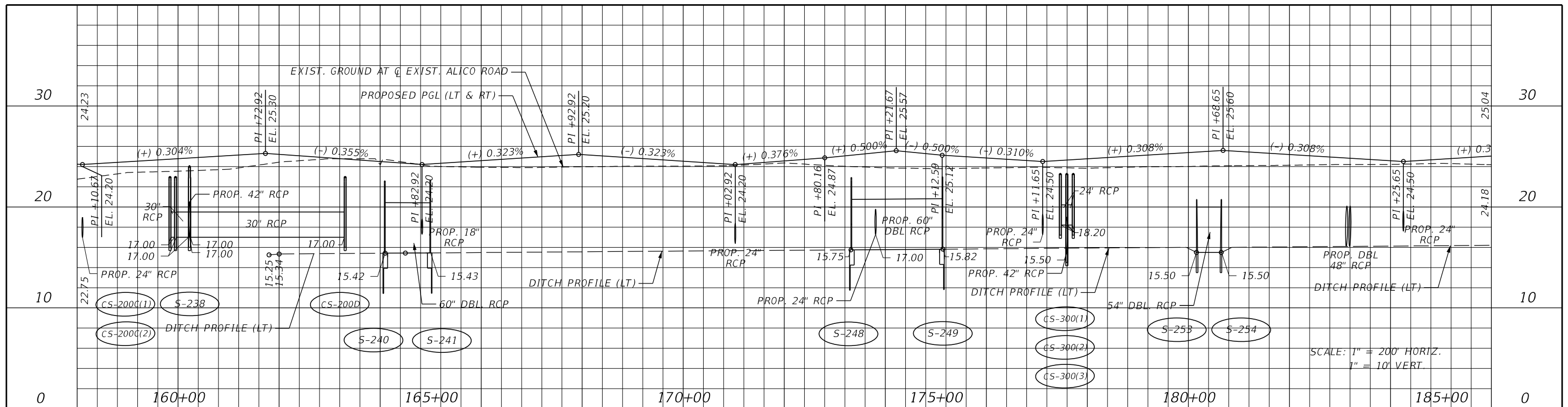
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

DRAINAGE MAP

SHEET NO. 6



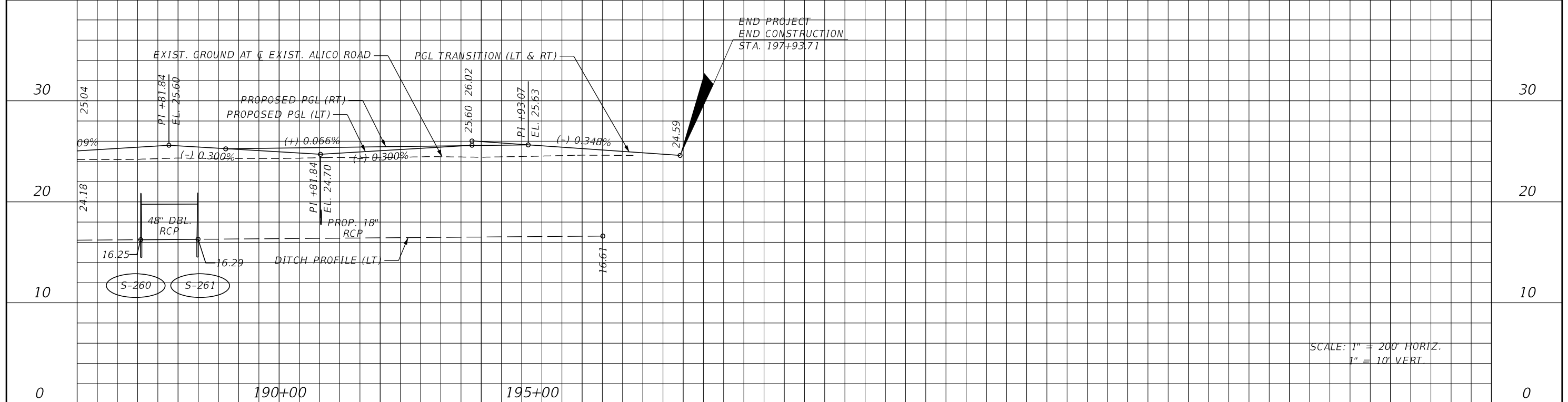
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING
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 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

DRAINAGE MAP

SHEET NO. 7



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON
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2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

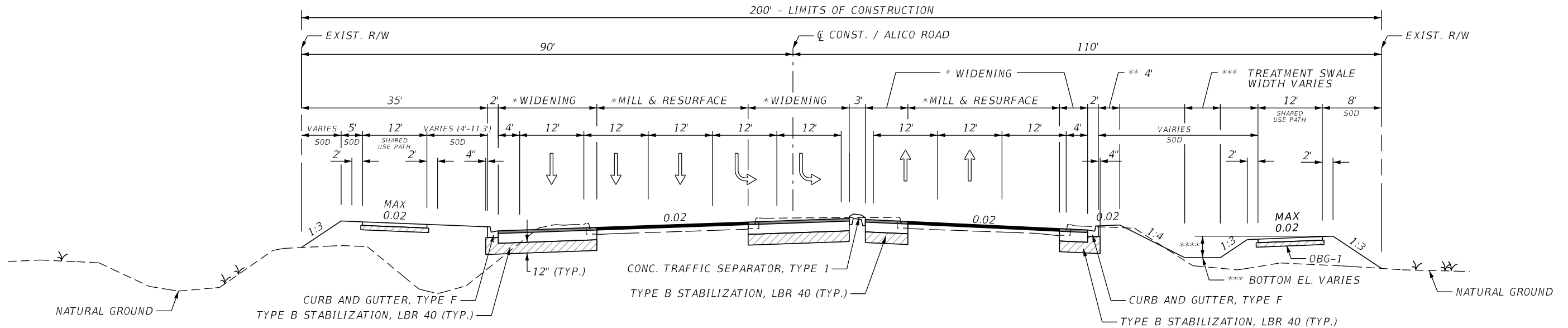
LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

DRAINAGE MAP

SHEET NO.
8

- 1 EXIST. HEADWALL
INV. = 12.56 (W)
- 2 EXIST. 6'X8' BOX CULVERT
INV. = 12.55 (E)
INV. = 12.56 (W)
- 3 EXIST. HEADWALL
INV. = 12.55 (E)
- 4 EXIST. CURB INLET
ELEV. (EOP) = 21.94
18" HDPE = 17.24 (E)
- 5 EXIST. 18" HDPE
INV. = 14.68 (E)
INV. = 17.24 (W)
- 6 EXIST. HEADWALL
INV. = 13.96 (S)
- 7 EXIST. 42" RCP
INV. = 13.96 (N)
INV. = 13.74 (S)
- 8 EXIST. STORMWATER
MANHOLE
RIM ELEV. = 22.88
42" RCP = 13.74 (N)
36" HDPE = 14.11 (E)
18" HDPE = 14.68 (W)
- 9 EXIST. 36" HDPE
INV. = 14.61 (E)
INV. = 14.11 (W)
- 10 EXIST. CURB INLET
FLOW LINE = 21.30
36" HDPE = 14.62 (E)
36" HDPE = 14.61 (W)
- 11 EXIST. 36" HDPE
INV. = 15.80 (E)
INV. = 14.62 (W)
- 12 EXIST. DBI
ELEV. (GRATE) = 20.22
12" SLOT = 17.98 (E)
36" HDPE = 15.80 (W)
- 13 EXIST. 54" CMP
INV. = 14.11 (N)
INV. = 13.58 (S)
- 14 EXIST. 54" CMP
INV. = 13.82 (N)
INV. = 13.47 (S)
- 15 EXIST. HEADWALL
54" CMP = 13.58 (N)
54" CMP = 13.47 (N)
- 16 EXIST. 12"X18" MES
INV. = 16.24
- 17 EXIST. 12"X18" RCP
INV. = 16.24 (N)
INV. = 16.24 (S)
- 18 EXIST. CURB INLET
ELEV. (EOP) = 21.20
12"X18" RCP = 16.24 (N)
- 19 EXIST. 29"X45" RCP
INV. = 15.36 (E)
- 20 EXIST. 29"X45" MES
INV. = 15.36
- 21 EXIST. 18" RCP
INV. = 17.85 (E)
- 22 EXIST. CURB INLET
ELEV. (EOP) = 21.35
18" RCP = 17.85 (W)
- 23 EXIST. STORMWATER
MANHOLE
RIM ELEV. = 21.80
- 24 EXIST. STORMWATER
MANHOLE
RIM ELEV. = 21.15
18" RCP = 16.88 (W)
- 25 EXIST. 18" MES
INV. = 18.17
- 26 EXIST. 18" RCP
INV. = 18.17 (N)
INV. = 18.17 (S)
- 27 EXIST. CURB INLET
ELEV. (EOP) = 21.80
18" RCP = 18.17 (S)
- 28 EXIST. 12"X18" MES
INV. = 18.47
- 29 EXIST. 12"X18" RCP
INV. = 18.47 (N)
INV. = 18.47 (S)
- 30 EXIST. CURB INLET
ELEV. (EOP) = 21.80
12"X18" RCP = 18.47 (S)
- 31 EXIST. 36" CMP
INV. = 14.21 (N)
INV. = 14.47 (S)
- 32 EXIST. HEADWALL
48" CMP = 14.40 (E)
- 33 EXIST. 48" CMP
INV. = 13.86 (E)
INV. = 14.40 (W)
- 34 EXIST. 48" MES
INV. = 13.86
- 35 EXIST. 36" ADS
INV. = 15.20 (E)
INV. = 15.40 (W)
- 36 EXIST. HEADWALL
36" CMP = 13.73 (S)
- 37 EXIST. 36" CMP
INV. = 13.73 (N)
INV. = 13.73 (S)
- 38 EXIST. DBI
ELEV. (GRATE) = 20.96
18" RCP = 18.19 (S)
- 39 EXIST. 18" RCP
INV. = 18.19 (N)
INV. = 17.98 (S)
- 40 EXIST. DBI
ELEV. (GRATE) = 21.06
18" RCP = 17.98 (N)
18" RCP = 17.90 (S)
- 41 EXIST. 18" RCP
INV. = 17.90 (N)
INV. = 17.68 (S)
- 42 EXIST. DBI
ELEV. (GRATE) = 20.33
18" RCP = 17.40 (S)
- 43 EXIST. 18" RCP
INV. = 17.40 (N)
INV. = 17.50 (S)
- 44 EXIST. DBI
ELEV. (GRATE) = 20.27
18" RCP = 17.50 (N)
18" RCP = 17.46 (S)
- 45 EXIST. 18" RCP
INV. = 17.46 (N)
INV. = 17.68 (S)
- 46 EXIST. 60" CMP
INV. = 16.93 (E)
INV. = 17.31 (W)
- 47 EXIST. 18" HDPE
INV. = 19.82 (E)
INV. = 19.94 (W)
- 48 EXIST. 60" CMP
INV. = 16.90 (E)
INV. = 16.77 (W)
- 49 EXIST. 60" CMP
INV. = 16.84 (E)
INV. = 16.77 (W)
- 50 EXIST. 68"X43" ERCP
INV. = 16.15 (E)
INV. = 16.62 (W)
- 51 EXIST. 68"X43" ERCP
INV. = 16.03 (E)
INV. = 16.66 (W)
- 52 EXIST. 48" MES
INV. = 18.31
- 53 EXIST. 48" MES
INV. = 17.98
- 54 EXIST. 48" RCP
INV. = 18.31 (N)
INV. = 18.20 (S)
- 55 EXIST. 48" RCP
INV. = 17.98 (N)
INV. = 18.16 (S)
- 56 EXIST. 48" MES
INV. = 18.20
- 57 EXIST. 48" MES
INV. = 18.16
- 58 EXIST. 24" ADS
INV. = 16.74 (E)
- 59 EXIST. CURB INLET
ELEV. (EOP) = 22.67
24" ADS = 16.74 (E)
24" ADS = 16.74 (W)
- 60 EXIST. 24" ADS
INV. = 16.89 (E)
INV. = 16.74 (W)
- 61 EXIST. CURB INLET
ELEV. (EOP) = 22.26
24" ADS = 16.89 (W)
24" RCP = 16.88 (S)
- 62 EXIST. 24" RCP
INV. = 16.88 (N)
INV. = 16.08 (S)
- 63 EXIST. STORMWATER
MANHOLE
RIM ELEV. = 23.23
24" RCP = 16.08 (N)
18" RCP = 16.58 (S)
- 64 EXIST. 18" RCP
INV. = 16.58 (N)
INV. = 17.79 (S)
- 65 EXIST. CURB INLET
ELEV. (EOP) = 21.77
18" RCP = 17.79 (N)
- 66 EXIST. 29"X45" MES
INV. = 15.24
- 67 EXIST. STORMWATER
MANHOLE
RIM ELEV. = 22.43
18" RCP = 16.95 (S)
18" RCP = 17.07 (E)
- 68 EXIST. CURB INLET
ELEV. (EOP) = 20.97
- 69 EXIST. 18" RCP
INV. = 16.95 (N)
INV. = 16.45 (S)
- 70 EXIST. STORMWATER
MANHOLE
RIM ELEV. = 21.15
18" RCP = 16.45 (N)
24" RCP = 16.05 (S)
18" RCP = 16.10 (E)
- 71 EXIST. CURB INLET
ELEV. (EOP) = 20.62
- 72 EXIST. 18" RCP
INV. = 16.88 (E)
INV. = 16.10 (W)
- 73 EXIST. CURB INLET
ELEV. (EOP) = 20.56
- 74 EXIST. 24" RCP
INV. = 16.05 (N)
- 75 EXIST. CURB INLET
ELEV. (EOP) = 20.69
18" RCP = 15.88 (N)
- 76 EXIST. 18" RCP
INV. = 17.21 (N)
INV. = 15.88 (S)
- 77 EXIST. STORMWATER
MANHOLE
RIM ELEV. = 21.92
18" RCP = 17.21 (S)
18" RCP = 17.17 (E)
- 78 EXIST. 18" RCP
INV. = 17.45 (E)
INV. = 17.17 (W)
- 79 EXIST. STORMWATER
MANHOLE
RIM ELEV. = 22.56
18" RCP = 17.45 (W)

REVISIONS				 JOHNSON ENGINEERING <small>2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010</small>	LEE COUNTY DEPARTMENT OF TRANSPORTATION			SUMMARY OF EXISTING DRAINAGE	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		10
						LEE			



**TYPICAL SECTION
ALICO ROAD WIDENING
STA. 84+01.30 TO STA. 96+54.82**

- * WIDTH VARIES.
- ** WIDTH VARIES IN DRAINAGE STRUCTURE LOCATIONS, SEE SLOPE TRANSITION DETAIL ON DRAINAGE DETAIL SHEET.
- *** TREATMENT SWALE BOTTOM ELEVATION STA. 84+01.30 TO STA. 102+33.00, ELEV. = 19.5' (BASIN BHG)
- **** BERM HEIGHT VARIES STA. 84+01.30 TO STA. 102+33.00, HEIGHT = 2.0' (BASIN BHG)

TRAFFIC DATA

CURRENT YEAR = 2015 AADT = 8,099
 ESTIMATED OPENING YEAR = 2015 AADT = 8,099
 ESTIMATED DESIGN YEAR = 2035 AADT = 67,000
 K = 9.0% D = 50% T = 6% (24 HOUR)
 DESIGN HOUR T = 6%
 DESIGN SPEED = 45 MPH

MILLING & RESURFACING

SCHEME 1 (SEE PLAN VIEW FOR LIMITS)
 MILL EXISTING ASPHALT PAVEMENT FOR DEPTH (1.5")
 RESURFACE W/ FRICTION COURSE FC-12.5 (TRAFFIC D) (PG 76-22, PMA) (1.5")

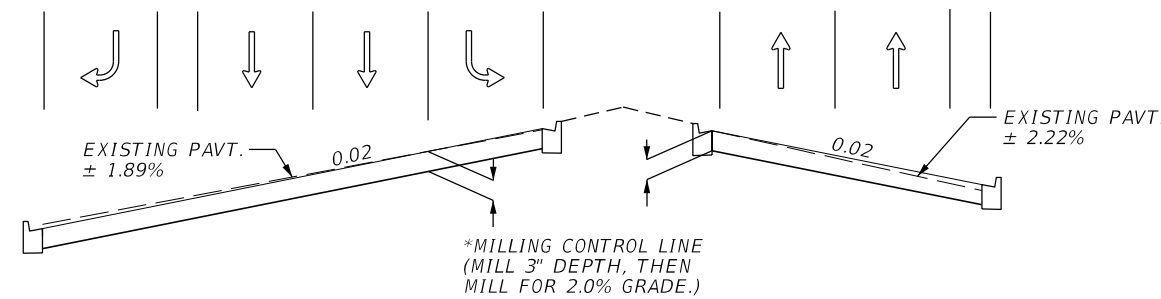
SCHEME 2 (SEE PLAN VIEW FOR LIMITS)
 MILL EXISTING ASPHALT PAVEMENT FOR SLOPE(3.5")
 RESURFACE W/ FRICTION COURSE FC-12.5 (TRAFFIC D) (1.5")
 TYPE SP 12.5 STRUCTURAL COURSE (TRAFFIC D) (1.5")

NEW CONSTRUCTION / WIDENING

TYPE B STABILIZATION LBR 40 (12")
 OPTIONAL BASE GROUP 11 WITH
 TYPE SP 12.5 STRUCTURAL COURSE (TRAFFIC D) (1.5")
 TYPE SP 12.5 STRUCTURAL COURSE (TRAFFIC D) (PG 76-22) (PMA) (1.5")
 TYPE FC 12.5 FRICTION COURSE FC-12.5" (TRAFFIC D) (PG 76-22) (PMA) (1.5")

SIDEWALK

OPTIONAL BASE GROUP 1
 TYPE SP 9.5 (TRAFFIC B) (1")

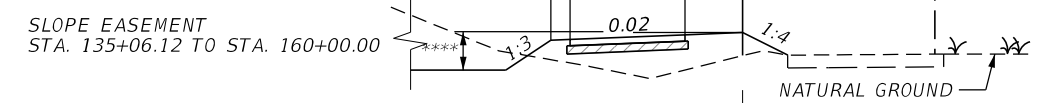
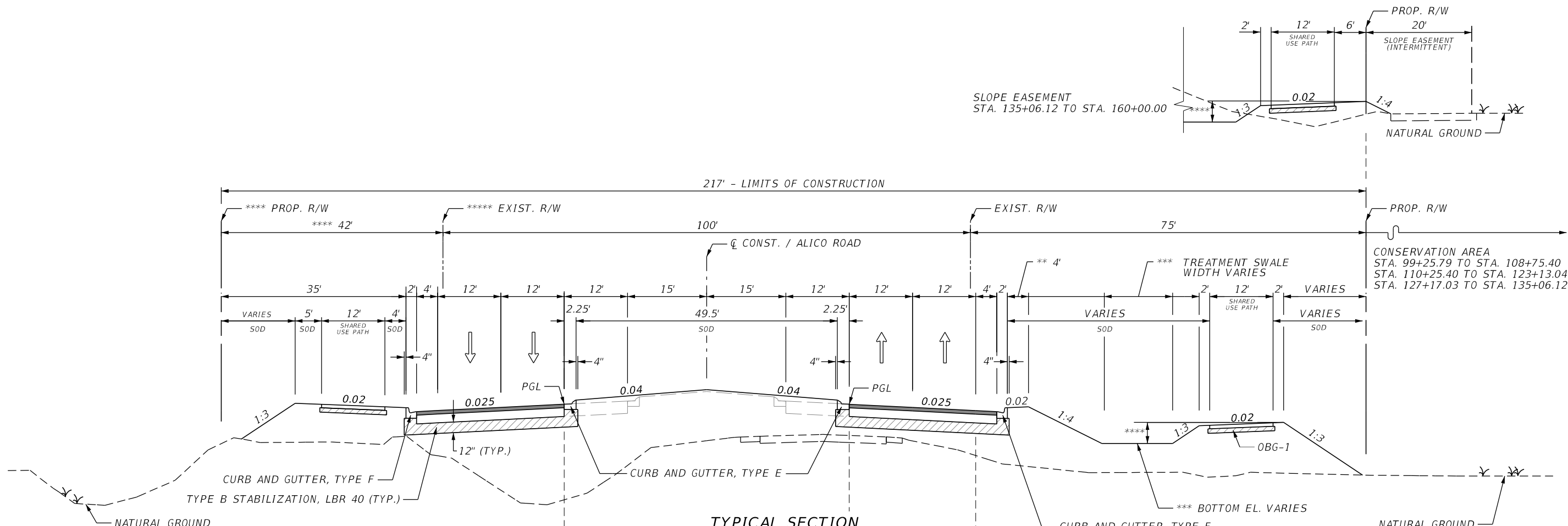


**MILLING DETAIL
ALICO ROAD WIDENING
STA. 86+43.06 TO STA. 93+90.00**

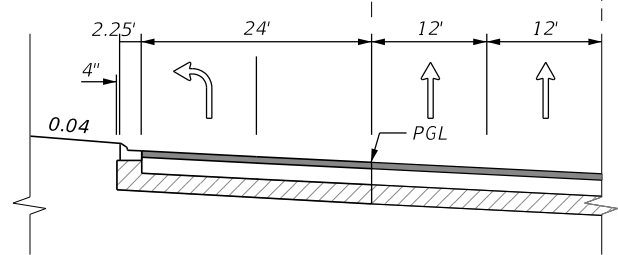
*SEE PLAN VIEW FOR MILLING CONTROL LINE LOCATION

LT CROSS SLOPES	
87+00.00	1.92%
88+00.00	2.17%
89+00.00	2.05%
90+00.00	1.81%
91+00.00	1.73%
92+00.00	1.78%
93+00.00	1.77%
Average	1.89%

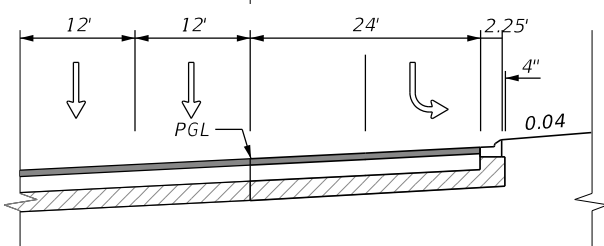
RT CROSS SLOPES	
87+00.00	1.79%
88+00.00	2.10%
89+00.00	2.39%
90+00.00	1.98%
91+00.00	2.06%
92+00.00	2.34%
93+00.00	2.19%
Average	2.16%



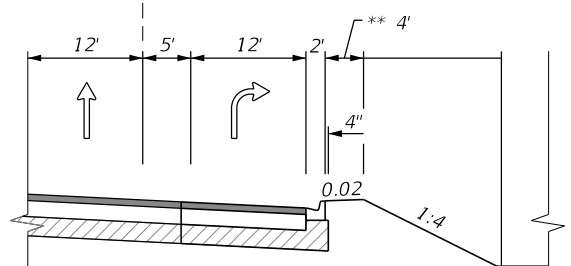
TYPICAL SECTION
 ALICO ROAD WIDENING
 STA. 96+54.82 TO STA. 160+00.00



EASTBOUND LEFT DETAIL



WESTBOUND LEFT DETAIL



EASTBOUND RIGHT DETAIL

TRAFFIC DATA

CURRENT YEAR = 2015 AADT = 8,099
 ESTIMATED OPENING YEAR = 2015 AADT = 8,099
 ESTIMATED DESIGN YEAR = 2035 AADT = 67,000
 K = 9.0% D = 50% T = 6% (24 HOUR)
 DESIGN HOUR T = 6%
 DESIGN SPEED = 45 MPH

NEW CONSTRUCTION

TYPE B STABILIZATION LBR 40 (12")
 OPTIONAL BASE GROUP 11 WITH
 TYPE SP 12.5 STRUCTURAL COURSE (TRAFFIC D) (1.5")
 TYPE SP 12.5 STRUCTURAL COURSE (TRAFFIC D) (PG 76-22) (PMA) (1.5")
 TYPE FC 12.5 FRICTION COURSE (TRAFFIC D) (PG 76-22) (PMA) (1.5")

SIDEWALK

OPTIONAL BASE GROUP 1
 TYPE SP 9.5 (TRAFFIC B) (1")

- * WIDTH VARIES.
- ** WIDTH VARIES IN DRAINAGE STRUCTURE LOCATIONS, SEE SLOPE TRANSITION DETAIL ON DRAINAGE DETAIL SHEET.
- *** TREATMENT SWALE BOTTOM ELEVATION
 STA. 84+01.30 TO STA. 102+33.00, ELEV. = 19.5' (BASIN BHG)
 STA. 102+33.00 TO STA. 123+60.28, ELEV. = 20.6' (BASIN 100)
 STA. 123+60.28 TO STA. 174+21.67, ELEV. = 21.0' (BASIN 200)
 STA. 174+21.67 TO STA. 197+93.71, ELEV. = 21.3' (BASIN 300)
- **** BERM HEIGHT VARIES
 STA. 84+01.30 TO STA. 102+33.00, HEIGHT = 2.0' (BASIN BHG)
 STA. 102+33.00 TO STA. 123+60.28, HEIGHT = 2.2' (BASIN 100)
 STA. 123+60.28 TO STA. 174+21.67, HEIGHT = 2.5' (BASIN 200)
 STA. 174+21.67 TO STA. 197+93.71, HEIGHT = 2.2' (BASIN 300)
- ***** BEGINS STA. 99+00.00 LT. - EXISTING R/W PRIOR TO 99+00.00.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

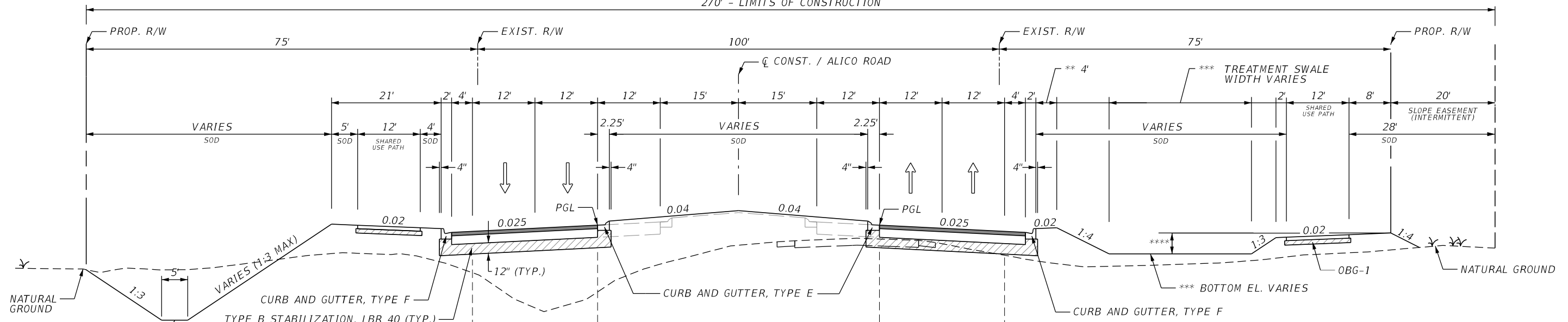
JOHNSON
 ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

TYPICAL SECTION

SHEET NO.
 12

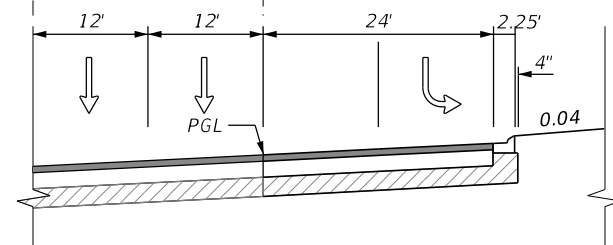
270' - LIMITS OF CONSTRUCTION



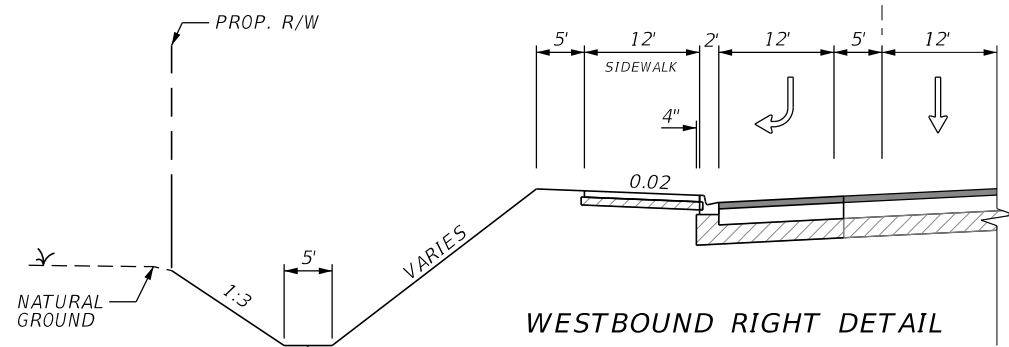
**TYPICAL SECTION
ALICO ROAD WIDENING
STA. 160+00.00 TO STA. 189+00.00**

TRAFFIC DATA

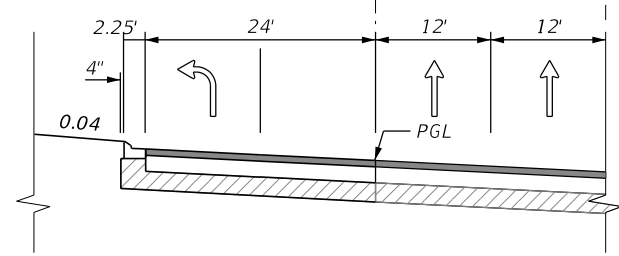
CURRENT YEAR = 2015 AADT = 8,099
 ESTIMATED OPENING YEAR = 2015 AADT = 8,099
 ESTIMATED DESIGN YEAR = 2035 AADT = 67,000
 K = 9.0% D = 50% T = 6% (24 HOUR)
 DESIGN HOUR T = 6%
 DESIGN SPEED = 45 MPH



WESTBOUND LEFT DETAIL



WESTBOUND RIGHT DETAIL



EASTBOUND LEFT DETAIL

- * WIDTH VARIES.
- ** WIDTH VARIES IN DRAINAGE STRUCTURE LOCATIONS, SEE SLOPE TRANSITION DETAIL ON DRAINAGE DETAIL SHEET.
- *** TREATMENT SWALE BOTTOM ELEVATION
 STA. 84+01.30 TO STA. 102+33.00, ELEV. = 19.5' (BASIN BHG)
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- **** BERM HEIGHT VARIES
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 STA. 174+21.67 TO STA. 197+93.71, HEIGHT = 2.2' (BASIN 300)

NEW CONSTRUCTION

TYPE B STABILIZATION LBR 40 (12")
 OPTIONAL BASE GROUP 11 WITH
 TYPE SP 12.5 STRUCTURAL COURSE (TRAFFIC D) (1.5")
 TYPE SP 12.5 STRUCTURAL COURSE (TRAFFIC D) (PG 76-22) (PMA) (1.5")
 TYPE FC 12.5 FRICTION COURSE FC-12.5" (TRAFFIC D) (PG 76-22) (PMA) (1.5")

SIDEWALK

OPTIONAL BASE GROUP 1
 TYPE SP 9.5 (TRAFFIC B) (1")

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

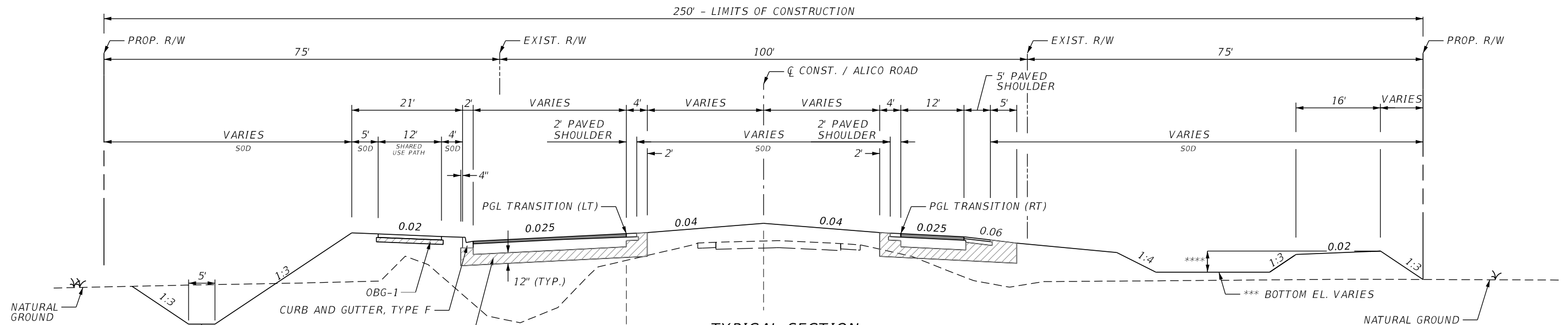
LEE COUNTY
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

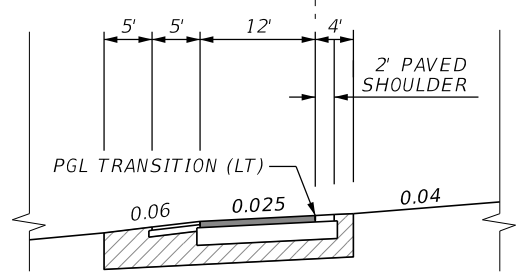
TYPICAL SECTION

SHEET NO.

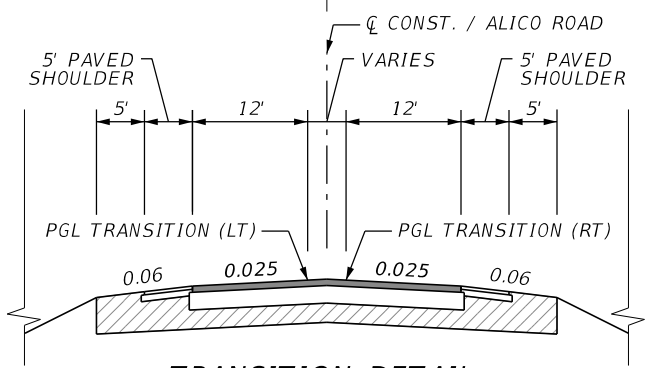
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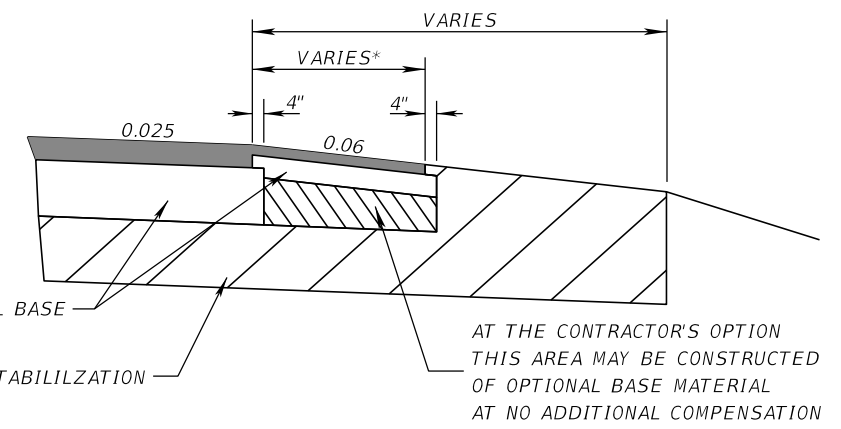
**TYPICAL SECTION
ALICO ROAD WIDENING
STA. 189+00.00 TO STA. 197+93.71**



**TRANSITION DETAIL
STA. 193+81.84 TO STA. 194+93.07**



**TRANSITION DETAIL
STA. 194+93+07 TO STA. 197+93.71**



SHOULDER PAVEMENT DETAIL

- * WIDTH VARIES.
- ** WIDTH VARIES IN DRAINAGE STRUCTURE LOCATIONS, SEE SLOPE TRANSITION DETAIL ON DRAINAGE DETAIL SHEET.
- *** TREATMENT SWALE BOTTOM ELEVATION
 STA. 84+01.30 TO STA. 102+33.00, ELEV. = 19.5' (BASIN BHG)
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- **** BERM HEIGHT VARIES
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 STA. 123+60.28 TO STA. 174+21.67, HEIGHT = 2.5' (BASIN 200)
 STA. 174+21.67 TO STA. 197+93.71, HEIGHT = 2.2' (BASIN 300)

TRAFFIC DATA

CURRENT YEAR = 2015 AADT = 8,099
 ESTIMATED OPENING YEAR = 2015 AADT = 8,099
 ESTIMATED DESIGN YEAR = 2035 AADT = 67,000
 K = 9.0% D = 50% T = 6% (24 HOUR)
 DESIGN HOUR T = 6%
 DESIGN SPEED = 45 MPH

NEW CONSTRUCTION

TYPE B STABILIZATION LBR 40 (12")
 OPTIONAL BASE GROUP 11 WITH
 TYPE SP 12.5 STRUCTURAL COURSE (TRAFFIC D) (1.5")
 TYPE SP 12.5 STRUCTURAL COURSE (TRAFFIC D) (PG 76-22) (PMA) (1.5")
 TYPE FC 12.5 FRICTION COURSE FC-12.5" (TRAFFIC D) (PG 76-22) (PMA) (1.5")

PAVED SHOULDER

OPTIONAL BASE GROUP 1
 TYPE SP 12.5 STRUCTURAL COURSE (TRAFFIC D) (PG 76-22) (PMA) (1.5")
 TYPE FC 12.5 FRICTION COURSE (TRAFFIC D) (PG 76-22) (PMA) (1.5")

SIDEWALK

OPTIONAL BASE GROUP 1
 TYPE SP 9.5 (TRAFFIC B) (1")

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

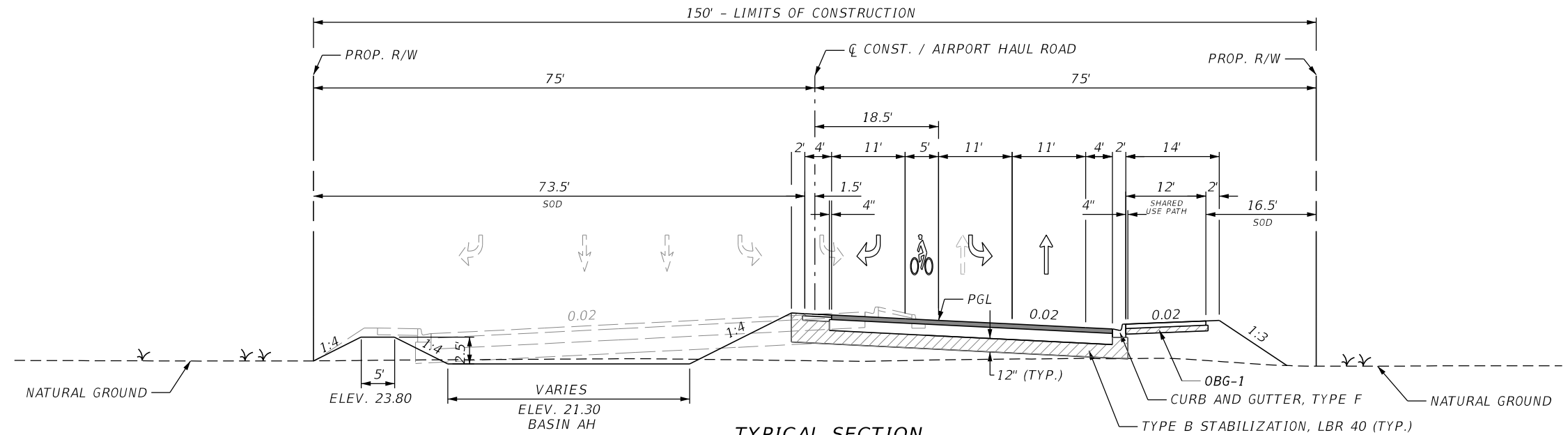
JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY
 DEPARTMENT OF TRANSPORTATION

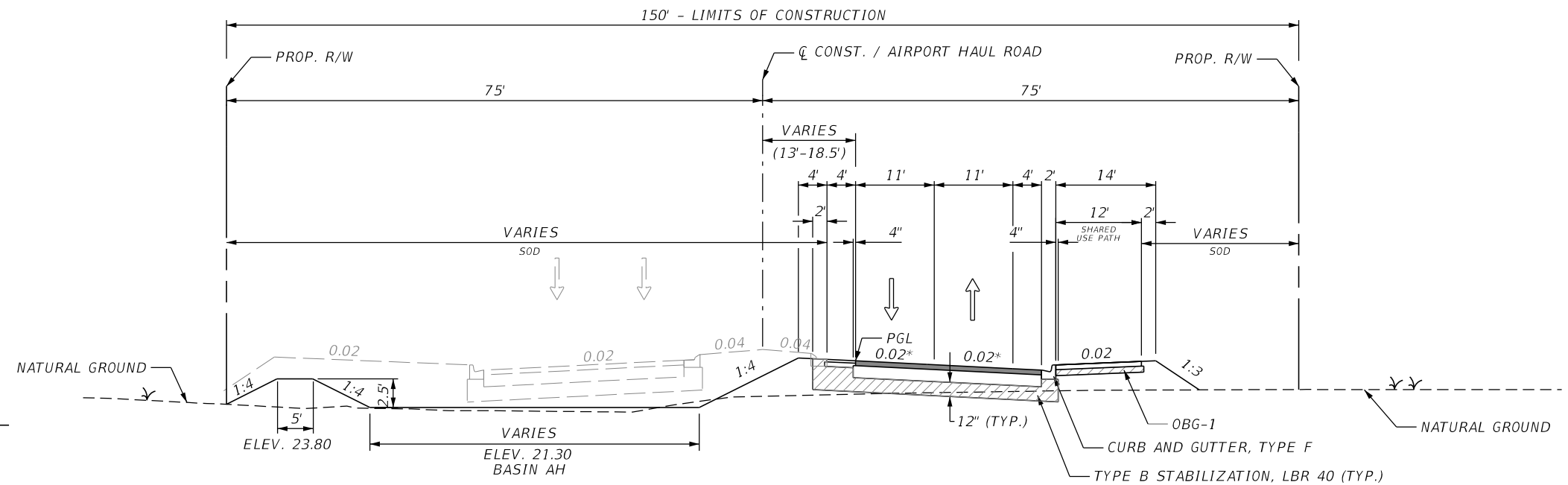
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

TYPICAL SECTION

SHEET NO.
14



**TYPICAL SECTION
AIRPORT HAUL ROAD
STA. 2000+38.95 TO STA. 2002+69.34**



**TYPICAL SECTION
AIRPORT HAUL ROAD
STA. 2002+69.34 TO STA. 2011+44.89**

TRAFFIC DATA

CURRENT YEAR = 2015 AADT = 10,604
 ESTIMATED OPENING YEAR = 2015 AADT = 10,604
 ESTIMATED DESIGN YEAR = 2035 AADT = 19,500
 K = 9.0% D = 50% T = 6% (24 HOUR)
 DESIGN HOUR T = 6%
 DESIGN SPEED = 45 MPH

NEW CONSTRUCTION

OPTIONAL BASE GROUP 9 WITH
 TYPE SP 12.5 STRUCTURAL COURSE (TRAFFIC C) (2")
 AND FRICTION COURSE FC-9.5" (TRAFFIC C) (1")

PAVED SHOULDER

OPTIONAL BASE GROUP 1 WITH
 FRICTION COURSE FC-9.5" (TRAFFIC C) (1")

SIDEWALK

OPTIONAL BASE GROUP 1
 TYPE SP 9.5 (TRAFFIC B) (1")

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



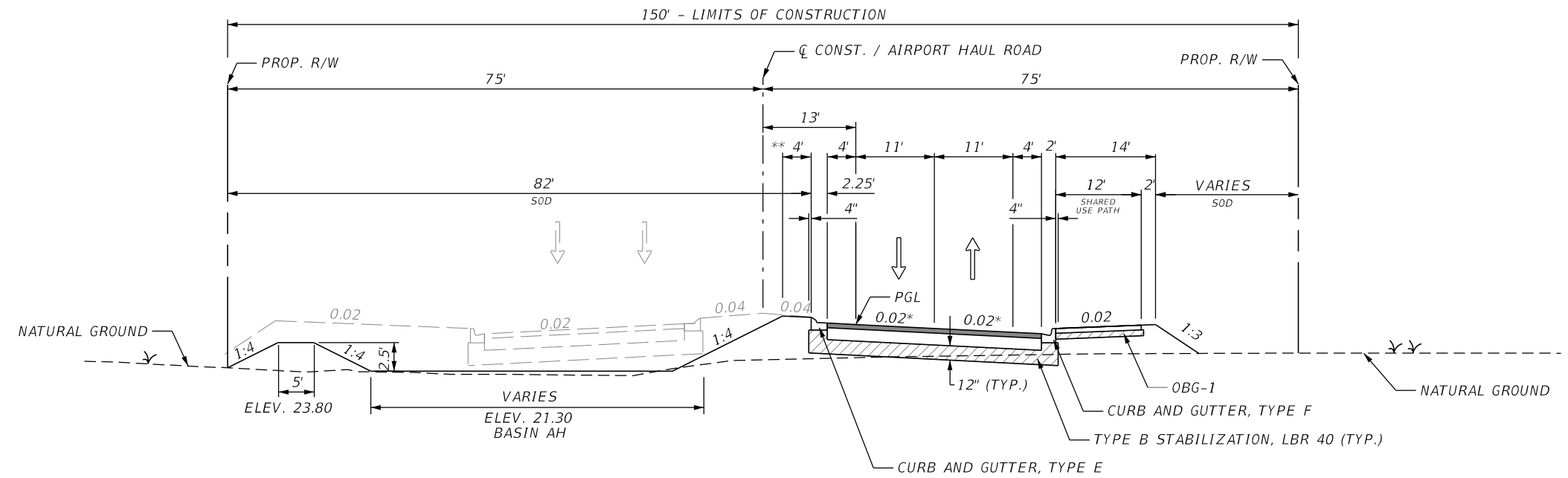
LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

TYPICAL SECTION

SHEET NO.

15



TYPICAL SECTION
AIRPORT HAUL ROAD
STA. 2011+44.89 TO STA. 2017+00.00

* REVERSE CROWN STA. 2012+28.89 TO STA 2019+00.01
 ** WIDTH VARIES IN DRAINAGE STRUCTURE LOCATIONS, SEE SLOPE TRANSITION DETAIL ON DRAINAGE DETAIL SHEET.

TRAFFIC DATA

CURRENT YEAR = 2015 AADT = 10,604
 ESTIMATED OPENING YEAR = 2015 AADT = 10,604
 ESTIMATED DESIGN YEAR = 2035 AADT = 19,500
 K = 9.0% D = 50% T = 6% (24 HOUR)
 DESIGN HOUR T = 6%
 DESIGN SPEED = 45 MPH

NEW CONSTRUCTION

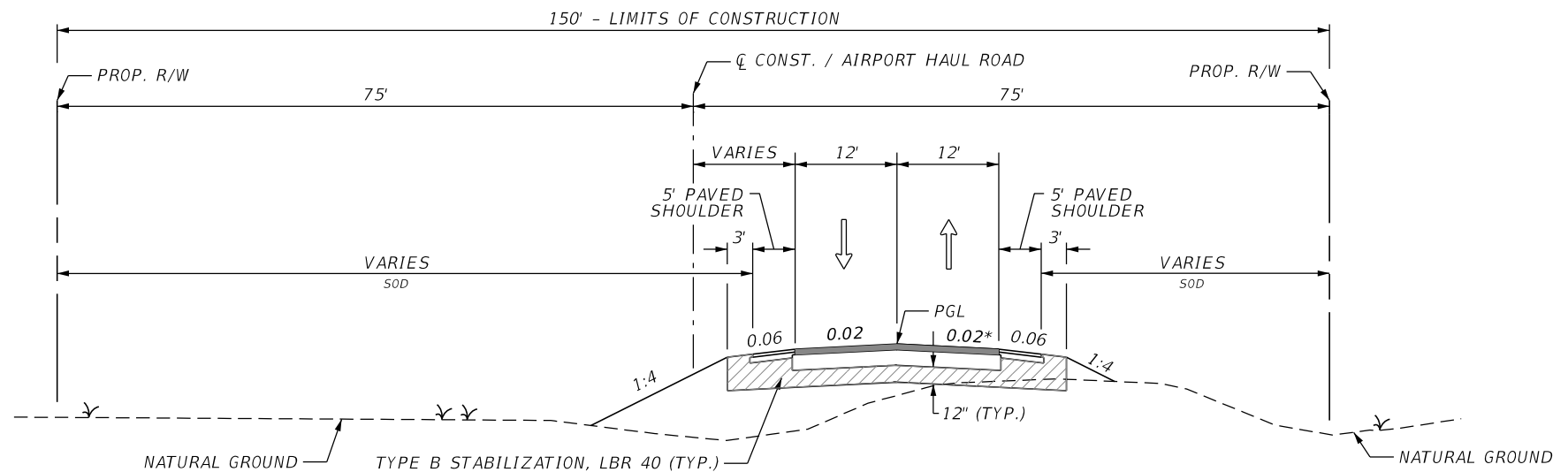
OPTIONAL BASE GROUP 9 WITH
 TYPE SP 12.5 STRUCTURAL COURSE (TRAFFIC C) (2")
 AND FRICTION COURSE FC-9.5" (TRAFFIC C) (1")

PAVED SHOULDER

OPTIONAL BASE GROUP 1 WITH
 FRICTION COURSE FC-9.5" (TRAFFIC C) (1")

SIDEWALK

OPTIONAL BASE GROUP 1
 TYPE SP 9.5 (TRAFFIC B) (1")



TYPICAL SECTION
AIRPORT HAUL ROAD
STA. 2017+00.00 TO STA. 2022+75.85

* REVERSE CROWN STA. 2012+28.89 TO STA 2019+00.01

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON
ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

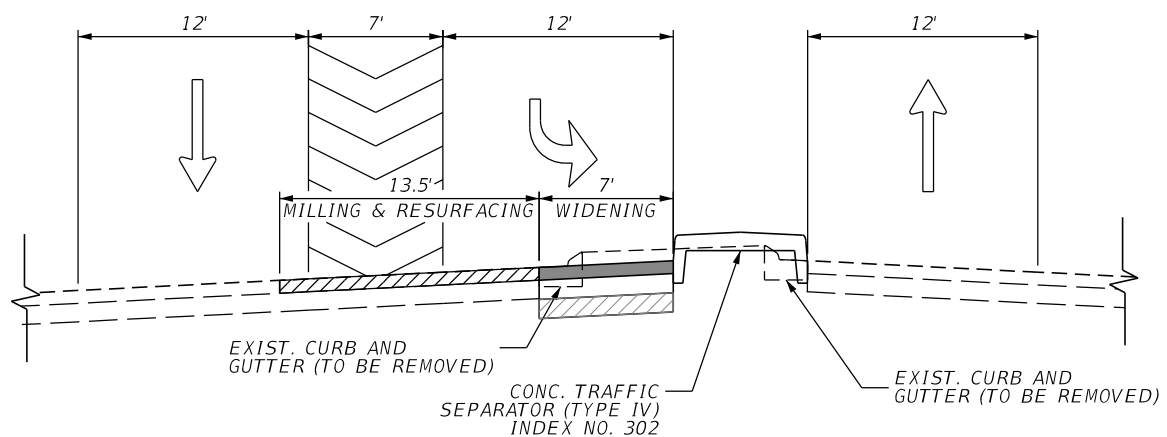
LEE COUNTY
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

TYPICAL SECTION

SHEET NO.

16



LANE WIDENING DETAIL
BEN HILL GRIFFIN PARKWAY

TRAFFIC DATA

CURRENT YEAR = 2015 AADT = 10,604
 ESTIMATED OPENING YEAR = 2015 AADT = 10,604
 ESTIMATED DESIGN YEAR = 2035 AADT = 19,500
 K = 9.0% D = 50% T = 6% (24 HOUR)
 DESIGN HOUR T = 6%
 DESIGN SPEED = 45 MPH

MILLING

MILL EXISTING ASPHALT
 PAVEMENT FOR DEPTH (1.5")

RESURFACING

FRICITION COURSE FC-12.5" (TRAFFIC D) (PG 76-22) (PMA) (1.5")

NEW CONSTRUCTION / WIDENING

OPTIONAL BASE GROUP 11 WITH
 TYPE SP 12.5 STRUCTURAL COURSE (TRAFFIC D) (PG 76-22) (PMA) (1.5")
 AND FRICITION COURSE FC-12.5" (TRAFFIC D) (PG 76-22) (PMA) (1.5")

REVISIONS				 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY DEPARTMENT OF TRANSPORTATION			TYPICAL SECTION	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						LEE			17

ROADWAY GENERAL NOTES

1. BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).
2. HORIZONTAL DATUM = NAV 83 FLORIDA STATE PLANE, WEST ZONE.
3. BUILDINGS TO BE REMOVED BY OTHERS UNLESS OTHERWISE NOTED.
3. EXISTING FACILITIES SHALL BE RESTORED TO THAT WHICH EXISTED PRIOR TO COMMENCING CONSTRUCTION AT NO ADDITIONAL COST TO OWNER.
4. EXISTING DRAINAGE STRUCTURES WITHIN CONSTRUCTION LIMITS SHALL REMAIN UNLESS OTHERWISE NOTED.
5. THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS (INCLUDING THOSE DESIGNATED Vv, Vh, AND Vvh) ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.
6. ALL EXCAVATION IN CLOSE PROXIMITY TO A POWER POLE SHALL UTILIZE TRENCH BOXED OR OTHER MEANS OF SHORING TO ENSURE THE POLES ARE NOT UNDERMINED.
7. CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES IN THE AREA PRIOR TO CONSTRUCTION AND CONTACT THE SUNSHINE STATE ONE CALL AT(800) 432-4770.
8. EXISTING UTILITIES ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED.
9. UTILITY/AGENCY OWNERS:

COMPANY	CONTACT	TELEPHONE NUMBERS
COMCAST	MARK COOK	239-432-1805
FPL FIBERNET, LLC	DANNY HASKETT	305-552-2931
FPL RELOCATION COORINATOR	JAMEL J. BAKER	239-947-7356
FLORIDA POWER & LIGHT	TRACY STERN	800-868-9554
LEE COUNTY UTILITIES	TALYA MAYER	239-533-8504
TECO - PEOPLES GAS SYSTEM	MARILYN D. ALOI	239-690-5517 / 239-896-0812
CENTURYLINK	JIM NOTTINGHAM	239-336-2035
10. 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 SHALL NOTIFY LEE COUNTY WITHOUT DELAY BY TELEPHONE AT (863) 946-0771.
11. CONTRACTOR SHALL PROMPTLY REPORT ALL FIELD CHANGES TO ENGINEER.
12. CONTRACTOR SHALL ACCURATELY PLOT THE LOCATIONS, DEPTHS AND DIMENSIONS OF ALL IMPROVEMENTS ON A FINAL SET OF RECORD DRAWINGS PREPARED BY A FLORIDA REGISTERED LAND SURVEYOR. RECORD DRAWINGS SHALL BE SIGNED AND SEALED ON 11"x17" PAPER AND DELIVERED TO THE ENGINEER PRIOR TO PROJECT COMPLETION. COST OF RECORD DRAWINGS IS INHERENT TO COST OF MOBILIZATION.
13. ALL EROSION CONTROL DEVICES ARE TO BE INSTALLED IN ACCORDANCE WITH THE STATE OF FLORIDA EROSION AND SEDIMENT CONTROL MANUAL.
14. CONTRACTOR TO MAINTAIN EXISTING TRAFFIC / ACCESS, EXISTING DRAINAGE AND EXISTING UTILITIES DURING CONSTRUCTION, UNLESS OTHERWISE APPROVED BY LEE COUNTY.
15. CONSTRUCTION STAKING IS THE CONTRACTOR'S RESPONSIBILITY. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THESE SERVICES DURING CONSTRUCTION.
16. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL CONSTRUCTION-RELATED PERMITTING. PAYMENT FOR ACQUISITION OF CONSTRUCTION-RELATED PERMITS SHALL BE INCIDENTAL TO THE COST OF CONSTRUCTION-RELATED ACTIVITIES. NO ADDITIONAL PAYMENT SHALL BE MADE.

17. CONTRACTOR SHALL OBTAIN A NPDES PERMIT, IMPLEMENT A STORMWATER POLLUTION PREVENTION PLAN AND ABIDE BY ALL NPDES REQUIREMENTS. ALL APPLICABLE COST SHALL BE INHERENT TO EROSION CONTROL PAY ITEM.
18. CONTRACTOR SHALL NOT BRING ANY HAZARDOUS MATERIALS ONTO THE PROJECT. SHOULD THE CONTRACTOR REQUIRE SUCH FOR PERFORMING THE CONTRACTED WORK, THE CONTRACTOR SHALL REQUEST, IN WRITING, WRITTEN PERMISSION FROM THE COUNTY PROJECT MANAGER. THE CONTRACTOR SHALL PROVIDE THE LEE COUNTY PROJECT MANAGER WITH A COPY OF THE MATERIAL SAFETY DATA SHEET (MSDS) FOR EACH HAZARDOUS MATERIAL PROPOSED FOR USE. BECAUSE STATE LAW DOES NOT TREAT PETROLEUM PRODUCTS THAT ARE PROPERLY CONTAINERIZED AND INTENDED FOR EQUIPMENT USE AS A HAZARDOUS MATERIAL, SUCH PRODUCTS DO NOT NEED AN MSDS SUBMITTAL.

ANY KNOWN OR SUSPECTED HAZARDOUS MATERIAL FOUND ON THE PROJECT BY THE CONTRACTOR SHALL BE IMMEDIATELY REPORTED TO THE COUNTY PROJECT MANAGER, WHO SHALL DIRECT THE CONTRACTOR TO PROTECT THE AREA OF KNOW OR SUSPECTED CONTAMINATION FROM FURTHER ACCESS. THE LEE COUNTY PROJECT MANAGER WILL ARRANGE FOR INVESTIGATION, IDENTIFICATION, AND REMEDIATION OF THE HAZARDOUS MATERIAL. THE CONTRACTOR SHALL NOT RETURN TO THE AREA OF CONTAMINATION UNTIL APPROVAL IS PROVIDED BY THE COUNTY PROJECT MANAGER.
19. PRIOR TO INCORPORATION INTO THE PROJECT, A CERTIFICATION FROM THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES DIVISION OF PLANT INDUSTRY, STATING THAT THE SOD, HAY, STRAW AND MULCH MATERIALS ARE FREE OF NOXIOUS WEEDS, INCLUDING TROPICAL SODA APPLE, SHALL BE FURNISHED TO THE COUNTY PROJECT MANAGER BY THE CONTRACTOR. ALL SOD MATERIALS SHALL BE SUBJECT TO INSPECTION BY THE COUNTY OR APPOINTED REPRESENTATIVE PRIOR TO PLACEMENT. ANY SOD WITH NOXIOUS WEEDS AND GRASSES, INCLUDING TROPICAL SODA APPLE, SHALL BE REJECTED FOR USE ON THE PROJECT.
20. AT THE COMPLETION OF THIS PROJECT, ALL DISTURBED SURFACES SHALL BE COVERED BY TURF.
21. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL EXISTING CONVEYANCES AND DRAINAGE CONNECTIONS WITHIN THE PROJECT LIMITS AT ALL TIMES.
22. 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 AT THESE LOCATIONS.
23. ALL DRAINAGE STRUCTURES HAVE OPTIONAL MATERIALS. THE OPTIONAL MATERIALS TABULATION SHEET(S) SHOWS ALL MATERIALS ALLOWED AS WELL AS INDICATION WHICH MATERIAL IS PLOTTED ON THESE SHEETS AND USED AS THE BASIS FOR PAY QUANTITIES.
24. STATION/OFFSETS SHOWN FOR MITERED END SECTIONS ARE TO THE END OF THE STRUCTURE AT THE CENTERLINE OF THE PIPE
25. FOR CURB INLETS WITHIN OR ADJACENT TO PROPOSED SHARED USE PATH TOPS SHALL BE SET/ADJUSTED SUCH THAT TOP OF INLET IS FLUSH WITH SURROUNDING SHARED USE PATH. EDGES ADJACENT TO CONCRETE SHARED USE PATH SHALL HAVE 1/2" EXPANSION JOINT MATERIAL. COST IN CONSIDERED INHERENT TO THE DRAINAGE STRUCTURE.
26. CONTRACTOR SHALL REPLACE ANY EXISTING SIDE STREET MARKINGS OBLITERATED DURING CONSTRUCTION.
27. ALL PROPOSED PIPE WITHIN THE RIGHT-OF-WAY SHALL BE REINFORCED CONCRETE PIPE (RCP/ERCP).
28. SOD QUANTITY INCLUDES ONLY THOSE AREAS INTENDED TO BE DISTURBED BY PROPOSED IMPROVEMENTS. OTHER DISTURBED AREAS NOT INTENDED TO BE DISTURBED, INCLUDING BUT NOT LIMITED TO STAGING AREAS, STOCKPILE AREAS, ETC., SHALL BE SODDED AT NO ADDITIONAL COST.
29. EXISTING DRIVEWAYS WITHIN THE LIMITS OF THIS PROJECT ARE TO BE REPLACED AT THE SAME LOCATION AND WIDTH, UNLESS OTHERWISE SHOWN IN THE PLANS.
30. EXISTING ASPHALT TO BE REMOVED VIA MILLING. RAP SHOULD BE RETAINED ON SITE AND USED AS RAP BASE FOR SHARED USE PATH.

REVISIONS					LEE COUNTY DEPARTMENT OF TRANSPORTATION			GENERAL NOTES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		18
						LEE			

SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES												
LOCATION		SIDE	SEDIMENT BARRIER		FLOATING TURBIDITY BARRIER		STAKED TURBIDITY BARRIER		INLET PROTECTION SYSTEM		DESIGN NOTES	CONSTRUCTION REMARKS
STA. TO STA.			0104 10 3		0104 11		0104 12		0104 18			
			LF		LF		LF		EA			
		P	F	P	F	P	F	P	F			
84+01.30	TO 97+40.00	LT/RT	2352.2		160.0		116.7		7			
97+40.00	TO 111+40.00	LT/RT	4923.4		139.2		263.7		4			
111+40.00	TO 125+40.00	LT/RT	4009.7		-		-		4			
125+40.00	TO 139+40.00	LT/RT	4361.5		103.9		278.9		6			
139+40.00	TO 153+40.00	LT/RT	3254.2		139.0		267.4		4			
153+40.00	TO 167+40.00	LT/RT	2715.9		264.4		241.6		4			
167+40.00	TO 181+40.00	LT/RT	3971.6		444.2		267.9		4			
181+40.00	TO 195+40.00	LT/RT	2719.1		193.2		62.3		3			
195+40.00	TO 197+93.71	LT/RT	657.4		-		-		-			
2002+00.00	TO 2011+00.00	LT/RT	1965.4		-		-		2			
2011+00.00	TO 2024+78.02	LT/RT	2389.5		-		-		1			
SUB-TOTAL :			33320		1444		1499		39			
TOTAL :			33320		1444		1499		39			

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON
ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

SUMMARY OF QUANTITIES

SHEET NO.

19

SUMMARY OF GENERAL ITEMS

PAY ITEM NO.	DESCRIPTION	LOCATION			SIDE	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA	TO	STA			P	F	P	F		
110 1 1	CLEARING AND GRUBBING (77.35 ACRES)					LS	1		1			
515 1 2	PIPE HANDRAIL - HANDRAIL, ALUMINUM	183+05.01	TO	183+30.77	RT	LF	25.8		25.8			
536 73	GUARDRAIL REMOVAL	97+80.00	TO	102+31.00	LT	LF	453.0		453.0			
550 10 119	FENCING, TYPE A, 0.0-5.0', SPECIAL FEATURES (5 STRAND BARBED WIRE) (LF)	96+57.11	TO	100+20.00	RT	LF	379.9					
		100+20.00	TO	105+80.00	RT		560.0					
		105+80.00	TO	111+40.00	RT		536.0					
		111+40.00	TO	117+00.00	RT		560.0					
		117+00.00	TO	122+60.00	RT		562.8					
		122+60.00	TO	128+20.00	RT		536.0					
		128+20.00	TO	133+80.00	RT		560.0					
		133+80.00	TO	139+40.00	RT		536.0					
		139+40.00	TO	145+00.00	RT		560.0					
		145+00.00	TO	150+60.00	RT		536.0					
		150+60.00	TO	156+20.00	RT		560.0					
		156+20.00	TO	161+80.00	RT		536.0					
		161+80.00	TO	167+40.00	RT		560.0					
		162+82.16	TO	167+40.00	LT		441.2					
		167+40.00	TO	173+00.00	LT		561.0					
		167+40.00	TO	173+00.00	RT		560.0					
		173+00.00	TO	173+47.27	LT		65.9					
		173+00.00	TO	178+60.00	RT		512.0					
		174+97.27	TO	178+60.00	LT		381.4					
		178+60.00	TO	179+73.40	LT		113.4					
		178+60.00	TO	184+20.00	RT		560.0					
		184+20.00	TO	189+80.00	RT		560.0					
		189+80.00	TO	195+40.00	RT		560.0					
		195+40.00	TO	196+91.04	RT		226.0					
		2001+49.23	TO	2006+00.00	LT		468.8					
		2001+49.76	TO	2006+00.00	RT		408.2					
		2006+00.00	TO	2011+60.00	LT		570.0					
		2006+00.00	TO	2011+60.00	RT		502.0					
2011+60.00	TO	2017+20.00	LT	523.7								
2011+60.00	TO	2017+20.00	RT	327.2								
2017+20.00	TO	2019+87.55	LT	289.4		14612.9						
550 60 125	FENCE GATE, TYPE A, DBL, 20.1-24.0' OPENING	109+49.78			RT	EA	1.0					
		123+91.56			RT		1.0					
		135+74.19			RT		1.0					
		147+20.72			RT		1.0					
		161+55.42			RT		1.0					
		164+30.00			LT		1.0					
		174+71.67			RT		1.0					
		177+41.29			RT		1.0					
		2001+83.25			RT		1.0					
		2007+08.34			RT		1.0					
2009+81.21			LT	1.0		11.0						
									FPL ACCESS			
									FPL ACCESS			
									FPL ACCESS			
									FPL ACCESS			

<p align="center">REVISIONS</p> <table border="1"> <thead> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>				DATE	DESCRIPTION	DATE	DESCRIPTION					 <p>2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010</p>	<p>LEE COUNTY DEPARTMENT OF TRANSPORTATION</p> <table border="1"> <thead> <tr> <th>ROAD NO.</th> <th>COUNTY</th> <th>FINANCIAL PROJECT ID</th> </tr> </thead> <tbody> <tr> <td> </td> <td>LEE</td> <td> </td> </tr> </tbody> </table>	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		LEE		<p>SUMMARY OF QUANTITIES</p>	<p>SHEET NO.</p> <p>20</p>
DATE	DESCRIPTION	DATE	DESCRIPTION																		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID																			
	LEE																				
<p align="right">10/25/2017 11:11:52 AM \\ftms01\proj-fmt\Projects\20149745-000\roadway\sumqr01.dgn</p>																					

SUMMARY OF 6" CONCRETE PAVEMENT								
LOCATION			SIDE	THICKNESS (IN)	(MEDIAN NOSE) PLAIN CEMENT CONCRETE PAVEMENT, 6"		DESIGN NOTES	CONSTRUCTION REMARKS
STA.	TO	STA.			350 3 1 (SY)			
					P	F		
123+01.23	TO	123+11.23	LT	6		10.6		
124+65.33	TO	124+75.33	RT	6		10.6		
134+80.94	TO	134+90.94	LT	6		10.6		
136+45.44	TO	136+55.44	RT	6		10.6		
160+85.67	TO	160+95.67	LT	6		10.6		
162+50.17	TO	162+60.17	RT	6		10.6		
173+17.62	TO	173+27.62	LT	6		10.6		
175+34.01	TO	175+44.01	RT	6		10.6		
187+19.59	TO	187+29.59	LT	6		12.1		
188+34.08	TO	188+44.08	RT	6		12.1		
SUB-TOTAL:						109.01		
TOTAL:						109.01		

SUMMARY OF PERMANENT DRIVEWAYS								
LOCATION		SIDE	MATERIAL				DESIGN NOTES	CONSTRUCTION REMARKS
STA. OF DRIVEWAY			CONC. DRIVEWAYS 6", THICK (SY)		OBG 4 (6" LIMEROCK DRIVE) (SY)			
			P	F	P	F		
ALICO ROAD								
113+31.78		LT	68.4		15.41			
164+30.00		LT	68.4		94.40			
174+75.00		RT			602.60		FPL ACCESS SOUTH	
AIRPORT HAUL ROAD								
2001+61.56		RT	108.4		331.80		FPL ACCESS NORTH	
2007+66.55		RT	146.6		220.50		FPL ACCESS	
2008+56.09		RT	38.3		153.40		FPL ACCESS	
SUB-TOTAL:			430.1		1418.1			
TOTAL:			430.1		1418.1			

SUMMARY OF OFFSITE MAINT. / CONST. ACCESSES								
LOCATION		SIDE	MATERIAL				DESIGN NOTES	CONSTRUCTION REMARKS
STA. OF DRIVEWAY			OBG 4 (6" LIMEROCK DRIVE) (SY)		285 7 04			
			P	F	P	F		
109+49.78		RT	553.3				OFF-SITE DRAINAGE DETAIL BASIN 100	
135+74.19		RT	604.0				OFF-SITE DRAINAGE DETAIL BASIN 200 A / B	
143+94.95		RT	342.8				OFF-SITE DRAINAGE DETAIL BASIN 200 B	
160+09.62		RT	119.4				OFF-SITE DRAINAGE DETAIL BASIN 200 C / D	
161+78.92		RT	206.8				OFF-SITE DRAINAGE DETAIL BASIN 200 C / D	
177+41.29		RT	1012.6				OFF-SITE DRAINAGE DETAIL BASIN 300	
SUB-TOTAL:			2838.9					
TOTAL:			2838.9					

<table border="1"> <thead> <tr> <th colspan="4">REVISIONS</th> </tr> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>				REVISIONS				DATE	DESCRIPTION	DATE	DESCRIPTION					 <p>2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010</p>	<p>LEE COUNTY DEPARTMENT OF TRANSPORTATION</p> <table border="1"> <tr> <th>ROAD NO.</th> <th>COUNTY</th> <th>FINANCIAL PROJECT ID</th> </tr> <tr> <td> </td> <td>LEE</td> <td> </td> </tr> </table>		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		LEE		<p>SUMMARY OF QUANTITIES</p>	<p>SHEET NO. 21</p>
REVISIONS																										
DATE	DESCRIPTION	DATE	DESCRIPTION																							
ROAD NO.	COUNTY	FINANCIAL PROJECT ID																								
	LEE																									
<p>DATE: 10/25/2017 11:11:53 AM \\ftms01\proj-fmt\Projects\20149745-000\roadway\sumqr01.dgn</p>																										

SUMMARY OF EARTHWORK - ALICO ROAD

SUMMARY OF EARTHWORK - ALICO ROAD (CONTD.)

STA. TO STA.	REGULAR EXC.		EMBANKMENT		DESIGN NOTES	CONSTRUCTION REMARKS
	PAY ITEM NO. 120-1		PAY ITEM NO. 120-6			
	END AREA (SF)	V (CY)	END AREA (SF)	V (CY)		
86+00.00	94	0	0	0		
87+00.00	70	304	59	109		
88+00.00	68	256	86	269		
89+00.00	67	250	66	281		
90+00.00	89	289	86	281		
91+00.00	94	339	160	456		
92+00.00	88	337	182	633		
93+00.00	73	298	166	644		
94+00.00	51	230	189	657		
95+00.00	21	133	276	861		
96+00.00	9	56	322	1107		
97+00.00	9	33	356	1256		
98+00.00	10	35	404	1407		
99+00.00	1	20	523	1717		
100+00.00	0	2	640	2154		
101+00.00	0	0	713	2506		
102+00.00	0	0	816	2849	18 CY ADDED FOR DITCH BLOCK	
103+00.00	0	0	878	3137		
104+00.00	0	0	896	3285		
105+00.00	0	0	868	3267		
106+00.00	0	0	798	3085		
107+00.00	0	0	789	2939		
108+00.00	0	0	841	3019		
109+00.00	0	0	767	2978		
110+00.00	0	0	751	2811		
111+00.00	0	0	679	2648		
112+00.00	0	0	631	2426		
113+00.00	0	0	448	1998		
114+00.00	1	2	661	2054		
115+00.00	0	2	727	2570		
116+00.00	0	0	753	2741		
117+00.00	0	0	808	2891		
118+00.00	0	0	739	2865		
119+00.00	0	0	674	2617		
120+00.00	0	0	580	2322		
121+00.00	0	0	609	2202		
122+00.00	0	0	662	2354		
123+00.00	0	0	711	2543		
124+00.00	0	0	736	2680		
125+00.00	0	0	673	2609		
126+00.00	0	0	639	2430		
127+00.00	0	0	643	2374		
128+00.00	0	0	725	2533		
129+00.00	0	0	789	2804		
130+00.00	0	0	831	3000		
131+00.00	0	0	747	2922		
132+00.00	0	0	690	2661		
133+00.00	0	0	738	2644		
134+00.00	0	0	791	2831		
135+00.00	0	0	785	2919		
136+00.00	0	0	768	2876		
137+00.00	0	0	694	2707		
138+00.00	31	57	490	2193		
139+00.00	95	233	470	1778		
140+00.00	87	337	531	1854		
141+00.00	78	306	531	1967		
142+00.00	87	306	512	1931		
SHEET TOTAL	3,825		121,652			

STA. TO STA.	REGULAR EXC.		EMBANKMENT		DESIGN NOTES	CONSTRUCTION REMARKS
	PAY ITEM NO. 120-1		PAY ITEM NO. 120-6			
	END AREA (SF)	V (CY)	END AREA (SF)	V (CY)		
143+00.00	96	339	452	1785		
144+00.00	67	302	424	1622		
145+00.00	74	261	421	1565		
146+00.00	51	231	470	1650		
147+00.00	25	141	514	1822		
148+00.00	28	98	481	1843		
149+00.00	101	239	425	1678		
150+00.00	109	389	406	1539		
151+00.00	70	331	398	1489		
152+00.00	73	265	453	1576		
153+00.00	75	274	483	1733		
154+00.00	84	294	507	1833		
155+00.00	80	304	512	1887		
156+00.00	70	278	445	1772		
157+00.00	85	287	357	1485		
158+00.00	102	346	293	1204		
159+00.00	82	341	249	1004		
160+00.00	108	352	242	909		
161+00.00	25	246	163	750		
162+00.00	171	363	79	448		
163+00.00	222	728	423	930		
164+00.00	487	1313	105	978		
165+00.00	190	1254	378	894		
166+00.00	221	761	462	1556		
167+00.00	121	633	596	1959		
168+00.00	150	502	624	2259		
169+00.00	208	663	557	2187		
170+00.00	186	730	458	1880		
171+00.00	192	700	361	1517		
172+00.00	103	546	420	1446		
173+00.00	93	363	615	1917		
174+00.00	0	172	762	2550		
175+00.00	0	0	788	2870		
176+00.00	66	122	595	2561		
177+00.00	74	259	516	2057		
178+00.00	67	261	550	1974		
179+00.00	74	261	639	2202		
180+00.00	59	246	705	2489		
181+00.00	67	233	664	2535		
182+00.00	53	222	674	2478		
183+00.00	46	183	619	2394		
184+00.00	49	176	595	2248		
185+00.00	34	154	598	2209		
186+00.00	55	165	634	2281		
187+00.00	0	102	633	2346		
188+00.00	0	0	616	2313		
189+00.00	55	102	571	2198		
190+00.00	61	215	532	2043		
191+00.00	69	241	472	1859		
192+00.00	71	259	518	1833		
193+00.00	81	281	579	2031		
194+00.00	129	389	484	1969		
195+00.00	6	250	284	1422		
196+00.00	22	52	227	946		
197+00.00	71	172	4	428		
197+93.71	133	354	1	9		
SHEET TOTAL	18,745		97,362			
ALICO ROAD TOTALS	22,570		219,014			

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

SUMMARY OF QUANTITIES

SHEET NO. 22

SUMMARY OF STABILIZATION AND BASE											
LOCATION			TYPE B STABILIZATION			OPTIONAL BASE GROUP 11			OPTIONAL BASE GROUP 1		
			160 4 (LBR 40)			285 7 11					
STA. TO STA.			AREA (SY)		DESIGN NOTES	AREA (SY)		DESIGN NOTES	AREA (SY)		DESIGN NOTES
			P	F		P	F		P	F	
84+01.30	TO	89+00.00	1,196.0		Includes BHG Widening	1017.3		Includes BHG Widening			
89+00.00	TO	94+60.00	3,329.5			2942.1					
94+60.00	TO	100+20.00	4,095.6			3484.4					
100+20.00	TO	105+80.00	4,131.3			3519.1					
105+80.00	TO	111+40.00	6,252.8			5579.0					
111+40.00	TO	117+00.00	4,202.7			3590.2					
117+00.00	TO	122+60.00	5,373.1			4760.1					
122+60.00	TO	128+20.00	6,663.8			6132.1					
128+20.00	TO	133+80.00	5,010.6			4397.6					
133+80.00	TO	139+40.00	6,770.7			6236.5					
139+40.00	TO	145+00.00	4,307.2			3694.4					
145+00.00	TO	150+60.00	6,084.7			5410.8					
150+60.00	TO	156+20.00	4,096.2			3484.4					
156+20.00	TO	161+80.00	6,486.4			5921.0					
161+80.00	TO	167+40.00	5,356.2			4776.0					
167+40.00	TO	173+00.00	5,406.8			4795.3					
173+00.00	TO	178+60.00	7,828.8			7304.9					
178+60.00	TO	184+20.00	4,728.9			4077.4					
184+20.00	TO	189+80.00	5,858.8		Sta 189+00 to 197+93, 2' Stabilized shoulder inside, 5' Stabilized Shoulder Outside	5219.1			88.8		Paved Shoulders in Transition Area
189+80.00	TO	195+40.00	4,318.4			3028.2			688.1		
195+40.00	TO	197+93.71	1,288.7			743.7			300.6		
ALICO ROAD TOTALS:			102,787.2			90,113.6			1,077.5		

SUMMARY OF STABILIZATION AND BASE												
LOCATION			TYPE B STABILIZATION			TYPE B STABILIZATION			OPTIONAL BASE GROUP 9		OPTIONAL BASE GROUP 1	
			160 4 (LBR 40)			160 4 (LBR 70)			285 7 09		285 7 01	
STA. TO STA.			AREA (SY)		DESIGN NOTES	AREA (SY)		DESIGN NOTES	AREA (SY)		DESIGN NOTES	
			P	F		P	F		P	F		
2001+00.00	TO	2006+00.00	2,227.5					1,788.4		247.4	1.0	
2006+00.00	TO	2011+60.00	2,091.2			771.1	FPL Access	1,606.8		259.2		
2011+60.00	TO	2017+20.00	2,229.0					1,893.3		24.3		
2017+20.00	TO	2022+75.71	2,499.5					1,540.9		666.1		
AIRPORT HAUL TOTALS:			9,047.2			771.1		6,829.4		1,197.0		

PROJECT TOTAL:

PAY ITEM	AREA (SY)		REMARKS
	P	F	
160 4-TYPE B STABILIZATION (LBR 40)	111,834		
160 4-TYPE B STABILIZATION (LBR 70)	771		
285 7 01-OPTIONAL BASE GROUP 1	2,275		
286 7 09-OPTIONAL BASE GROUP 9	6,829		
287 7 11-OPTIONAL BASE GROUP 11	90,114		

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

SUMMARY OF QUANTITIES

SHEET NO.
24

SUMMARY OF ASPHALT (ALICO ROAD)														
LOCATION			LIFT 1				LIFT 2				LIFT 3			
			334 1 14	SUPERPAVE ASPHALTIC CONCRETE (D)			334 1 24	SUPERPAVE ASPHALTIC CONCRETE (TRAFFIC D, PG 76-22, PMA)			337 7 45	ASHPALTIC CONCRETE FRICTION COURSE (TRAFFIC D, FC-12.5, PG 76-22, PMA)		
STA. TO STA.			AREA (SY)	THICKNESS (IN)	TONS		AREA (SY)	THICKNESS (IN)	TONS		AREA (SY)	THICKNESS (IN)	TONS	
	TO				P	F			P	F			P	F
84+01.27	TO	89+00.00	855	1.5	70.5		1,017	1.5	83.9	INCLUDES BHG	8,447	1.5	696.9	
89+00.00	TO	94+60.00	2,944	1.5	242.9		2,942	1.5	242.9		5,969	1.5	492.4	
94+60.00	TO	100+20.00	3,484	1.5	287.5		3,484	1.5	287.4		3,484	1.5	287.4	
100+20.00	TO	105+80.00	3,519	1.5	290.3		3,519	1.5	290.3		3,519	1.5	290.3	
105+80.00	TO	111+40.00	5,579	1.5	460.3		5,579	1.5	460.3		5,579	1.5	460.3	
111+40.00	TO	117+00.00	3,590	1.5	296.2		3,590	1.5	296.2		3,590	1.5	296.2	
117+00.00	TO	122+60.00	4,760	1.5	392.7		4,760	1.5	392.7		4,760	1.5	392.7	
122+60.00	TO	128+20.00	6,132	1.5	505.9		6,132	1.5	505.9		6,132	1.5	505.9	
128+20.00	TO	133+80.00	4,398	1.5	362.8		4,398	1.5	362.8		4,398	1.5	362.8	
133+80.00	TO	139+40.00	6,237	1.5	514.6		6,237	1.5	514.6		6,237	1.5	514.6	
139+40.00	TO	145+00.00	3,694	1.5	304.8		3,694	1.5	304.8		3,694	1.5	304.8	
145+00.00	TO	150+60.00	5,411	1.5	446.4		5,411	1.5	446.4		5,411	1.5	446.4	
150+60.00	TO	156+20.00	3,484	1.5	287.4		3,484	1.5	287.4		3,484	1.5	287.4	
156+20.00	TO	161+80.00	5,921	1.5	488.5		5,921	1.5	488.5		5,921	1.5	488.5	
161+80.00	TO	167+40.00	4,776	1.5	394.0		4,776	1.5	394.0		4,776	1.5	394.0	
167+40.00	TO	173+00.00	4,795	1.5	395.6		4,795	1.5	395.6		4,795	1.5	395.6	
173+00.00	TO	178+60.00	7,305	1.5	602.7		7,305	1.5	602.7		7,337	1.5	605.3	
178+60.00	TO	184+20.00	4,077	1.5	336.4		4,077	1.5	336.4		4,078	1.5	336.4	
184+20.00	TO	189+80.00	5,219	1.5	430.6		5,219	1.5	430.6		5,290	1.5	436.4	
189+80.00	TO	195+40.00	3,028	1.5	249.8		3,028	1.5	249.8		3,588	1.5	296.0	
195+40.00	TO	197+93.71	744	1.5	61.4		744	1.5	61.4		1,007	1.5	83.1	
TOTALS			SP 12.5 TRAFFIC D			7,421.0	SP 12.5 (TRAFFIC D, PG 76-22, PMA)			7,434.4	FC 12.5 (TRAFFIC D, PG 76-22, PMA)		8,373.4	

SUMMARY OF ASPHALT (AIRPORT HAUL ROAD)												
LOCATION			LIFT 1				LIFT 2				REMARKS	
			334 1 13	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC C (SP 12.5)			334 1 13A	SUPERPAVE ASPHALTIC CONCRETE, TRAFFIC C (FC 9.5)				
STA. TO STA.			AREA (SY)	THICKNESS (IN)	TONS		AREA (SY)	THICKNESS (IN)	TONS			
	TO				P	F			P	F		
2001+00.00	TO	2006+00.00	1,768	2.0	194.5		1,997	1.0	109.8		FRICTION COURSE INCLUDES PAVED SHOULDERS	
2006+00.00	TO	2011+60.00	1,587	2.0	174.6		1,827	1.0	100.5			
2011+60.00	TO	2017+20.00	1,892	2.0	208.1		1,915	1.0	105.3			
2017+20.00	TO	2022+39.35	1,500	2.0	165.0		2,125	1.0	116.9			
TOTALS			SP 12.5 (TRAFFIC LEVEL C)			742.1	FC 9.5 (TRAFFIC LEVEL C)			432.5		

REVISIONS				 <p>2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010</p>	LEE COUNTY DEPARTMENT OF TRANSPORTATION			SUMMARY OF QUANTITIES	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						LEE			25

SUMMARY OF MILLING

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION			UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.				P	F	P	F		
			TO								
327 70 6	MILLING EXIST ASPH PAVT, 1.5" AVG DEPTH	84+01.03	TO	86+31.20	SY	5020.0		5020.0		INTERSECTION M&R	
327 70 17	MILLING EXIST ASPH PAVT, 3" AVG DEPTH	86+31.20	TO	89+00.00	SY	2393.2					
		89+00.00	TO	93+00.00		1487.8					
		89+00.00	TO	93+90.02		1536.8		5417.8			

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON
ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY
 DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

SUMMARY OF QUANTITIES

SHEET NO.

26

SUMMARY OF SIDEWALK (ALICO ROAD)															
LOCATION			ASPHALT				OPTIONAL BASE GROUP 1			SIDEWALK CONCRETE 6" THICKNESS			DETECTABLE WARNING SURFACE		
			334	1	12	SUPERPAVE ASPHALTIC CONCRETE (B)		285 7 01			522 2			527 2	
STA. TO STA.			AREA (SY)	THICKNESS (IN)	TONS		AREA (SY)		DESIGN NOTES	AREA (SY)		DESIGN NOTES	AREA (SF)		DESIGN NOTES
					P	F	P	F		P	F		P	F	
84+01.27	TO	89+00.00	608.4	1.0	33.5		641.9			221.1			56.4		
89+00.00	TO	94+60.00	1,493.4	1.0	82.1		1,575.5			-			-		
94+60.00	TO	100+20.00	1,495.5	1.0	82.3		1,577.7			-			-		
100+20.00	TO	105+80.00	1,494.2	1.0	82.2		1,576.3			-			-		
105+80.00	TO	111+40.00	1,326.4	1.0	73.0		1,399.3			59.5			50.2		
111+40.00	TO	117+00.00	1,462.2	1.0	80.4		1,542.3			-			-		
117+00.00	TO	122+60.00	1,495.5	1.0	82.3		1,578.9			-			-		
122+60.00	TO	128+20.00	1,298.4	1.0	71.4		1,369.9			59.9			50.2		
128+20.00	TO	133+80.00	1,493.3	1.0	82.1		1,575.4			-			-		
133+80.00	TO	139+40.00	1,316.3	1.0	72.4		1,388.7			59.0			50.3		
139+40.00	TO	145+00.00	1,493.3	1.0	82.1		1,575.4			-			-		
145+00.00	TO	150+60.00	1,334.2	1.0	73.4		1,407.5			59.5			50.2		
150+60.00	TO	156+20.00	1,493.3	1.0	82.1		1,575.4			-			-		
156+20.00	TO	161+80.00	1,368.9	1.0	75.3		1,444.2			44.6			24.5		
161+80.00	TO	167+40.00	1,405.1	1.0	77.3		1,482.5			14.9			25.7		
167+40.00	TO	173+00.00	1,503.4	1.0	82.7		1,586.4			-			-		
173+00.00	TO	178+60.00	664.7	1.0	36.6		701.4			673.4			82.3		
178+60.00	TO	184+20.00	1,363.2	1.0	75.0		1,438.4			41.6			72.8		
184+20.00	TO	189+80.00	1,190.7	1.0	65.5		1,256.5			41.6			72.8		
189+80.00	TO	193+88.17	543.8	1.0	29.9		574.4								
ALICO ROAD TOTALS					1,421.60		27,268.0			1,275.1			535.4		
SUMMARY OF SIDEWALK (AIRPORT HAUL ROAD)															
LOCATION			ASPHALT				OPTIONAL BASE GROUP 1			SIDEWALK CONCRETE 6" THICKNESS			DETECTABLE WARNING SURFACE		
			334	1	12	SUPERPAVE ASPHALTIC CONCRETE (B)		285 7 01			522 2			527 2	
STA. TO STA.			AREA (SY)	THICKNESS (IN)	TONS		AREA (SY)		DESIGN NOTES	AREA (SY)		DESIGN NOTES	AREA (SF)		DESIGN NOTES
					P	F	P	F		P	F		P	F	
2001+23.76	TO	2006+00.00	513.50	1.0	28.20		527.7			-			-		
2006+00.00	TO	2011+60.00	570.20	1.0	31.40		586.0			-			-		
2011+60.00	TO	2017+20.00	749.00	1.0	41.20		769.7			-			-		
2017+20.00	TO	2022+75.85	-	1.0	-		-			-			-		
AIRPORT HAUL TOTALS					100.80		1,883.4								
PROJECT TOTALS					1,522.40		29,151.4			1,275.1			535.4		

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

SUMMARY OF QUANTITIES

SHEET NO. 27

SUMMARY OF CURB & GUTTER

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION			ALIGNMENT	UNIT	QUANTITY				TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS	
		STA. TO STA.					GROSS LENGTH	LT		RT		P			F
			TO					P	F	P	F				
520 1 10	CONCRETE CURB AND GUTTER, TYPE F	85+86.52	TO	89+00.00	CL_ALICO	LF	313.48	327.1		333.1					
		89+00.00	TO	94+60.00		LF	560.00	560.0		560.0					
		94+60.00	TO	100+20.00		LF	560.00	560.0		560.0					
		100+20.00	TO	105+80.00		LF	560.00	560.0		561.6					
		105+80.00	TO	111+40.00		LF	560.00	560.0		586.4					
		111+40.00	TO	117+00.00		LF	560.00	560.0		560.0					
		117+00.00	TO	122+60.00		LF	560.00	558.7		562.9					
		122+60.00	TO	128+20.00		LF	560.00	560.0		565.1					
		128+20.00	TO	133+80.00		LF	560.00	560.0		561.7					
		133+80.00	TO	139+40.00		LF	560.00	560.0		575.4					
		139+40.00	TO	145+00.00		LF	560.00	560.0		561.7					
		145+00.00	TO	150+60.00		LF	560.00	560.5		585.9					
		150+60.00	TO	156+20.00		LF	560.00	560.0		560.0					
		156+20.00	TO	161+80.00		LF	560.00	560.0		552.8					
		161+80.00	TO	167+40.00		LF	560.00	560.0		578.3					
		167+40.00	TO	173+00.00		LF	560.00	559.6		562.3					
		173+00.00	TO	178+60.00		LF	560.00	359.6		469.7					NE RADIUS INCLUDED IN AH QUANTITIES
		178+60.00	TO	184+20.00		LF	560.00	708.5		560.0					
		184+20.00	TO	189+80.00		LF	560.00	539.0		480.1					
		189+80.00	TO	193+87.84		LF	407.84	407.9					21077.9		
				2000+49.34		TO	2006+00.00	CL_AH	LF	550.66			567.5		
		2006+00.00	TO	2011+60.00	CL_AH	LF	560.00			540.5					
		2011+60.00	TO	2017+00.00	CL_AH	LF	540.00			558.9					
PROJECT TOTAL:										1666.9					
PROJECT TOTAL:										22,744.8					

SUMMARY OF CURB & GUTTER

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION			ALIGNMENT	UNIT	QUANTITY				TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS	
		STA. TO STA.					GROSS LENGTH	LT		RT		P			F
			TO					P	F	P	F				
520 1 7	CONCRETE CURB AND GUTTER, TYPE E	BEN HILL GRIFFIN			CL_ALICO			32.3							
		92+73.81	TO	94+60.00		LF	186.19	145.3		232.1					
		94+60.00	TO	100+20.00		LF	560.00	560.0		560.0					
		100+20.00	TO	105+80.00		LF	560.00	560.0		560.0					
		105+80.00	TO	111+40.00		LF	560.00	653.7		661.1					
		111+40.00	TO	117+00.00		LF	560.00	562.6		560.0					
		117+00.00	TO	122+60.00		LF	560.00	559.4		563.4					
		122+60.00	TO	123+11.98		LF	51.98	84.0		28.3					
		124+64.58	TO	128+20.00		LF	355.42	334.6		387.4					
		128+20.00	TO	133+80.00		LF	560.00	560.0		562.8					
		133+80.00	TO	134+91.69		LF	111.69	143.7		88.0					
		136+44.69	TO	139+40.00		LF	295.31	274.5		327.3					
		139+40.00	TO	145+00.00		LF	560.00	560.0		562.0					
		145+00.00	TO	150+60.00		LF	560.00	656.4		654.1					
		150+60.00	TO	156+20.00		LF	560.00	560.0		560.0					
		156+20.00	TO	160+96.42		LF	476.42	508.4		455.6					
		162+49.42	TO	167+40.00		LF	490.58	469.7		522.6					
		167+40.00	TO	173+00.00		LF	560.00	559.5		562.9					
		173+00.00	TO	173+28.37		LF	28.37	60.3		4.6					
		175+33.26	TO	178+60.00		LF	326.74	304.1		358.7					
		178+60.00	TO	184+20.00		LF	560.00	561.8		561.4					
184+20.00	TO	187+30.34	LF	310.34	324.5		308.2								
188+33.33	TO	189+00.00	LF	66.67	64.5		80.9			18260.7					
		2011+44.89	TO	2011+60.00	CL_AH	LF	15.11			15.2					
		2011+60.00	TO	2017+00.00	CL_AH	LF	540.00			543.5					
PROJECT TOTAL:										558.7					
PROJECT TOTAL:										18,819.4					

<p align="center">REVISIONS</p> <table border="1"> <thead> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>				DATE	DESCRIPTION	DATE	DESCRIPTION					 <p>2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010</p>	<p>LEE COUNTY DEPARTMENT OF TRANSPORTATION</p> <table border="1"> <thead> <tr> <th>ROAD NO.</th> <th>COUNTY</th> <th>FINANCIAL PROJECT ID</th> </tr> </thead> <tbody> <tr> <td> </td> <td>LEE</td> <td> </td> </tr> </tbody> </table>	ROAD NO.	COUNTY	FINANCIAL PROJECT ID		LEE		<p>SUMMARY OF QUANTITIES</p>	<p>SHEET NO.</p> <p>28</p>
DATE	DESCRIPTION	DATE	DESCRIPTION																		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID																			
	LEE																				
<p align="right">10/25/2017 11:11:54 AM \\ftms01\proj-fmt\Projects\20149745-000\roadway\sumqr01.dgn</p>																					

SUMMARY OF RIP RAP										
LOCATION		SIDE	RIPRAP, RUBBLE, F&I, DITCH LINING (TN) [1.5' DEPTH]			RIPRAP, RUBBLE, F&I, DITCH LINING (TN) [2' DEPTH]			DESIGN NOTES	CONSTRUCTION REMARKS
STATION	STRUCTURE		AREA (SF)	TONS		AREA (SF)	TONS			
			P	F		P	F			
87+50.00	CS-BHG	RT	150.9	12.1		0.0				
88+00.00	S-203	RT	74.9	6.0		0.0				
107+74.92	CS-100A(1)	RT	122.5	9.8		0.0				
109+09.78	OUTFALL FROM S-210	RT	363.7	29.1		0.0				
110+96.11	CS-100B(2)	RT	122.5	9.8		0.0				
133+90.67	CS-200A(1)	RT	207.0	16.6		0.0				
135+28.19	OUTFALL FROM S-223	RT	393.3	31.5		0.0				
137+40.31	CS-200B(2)	RT	122.5	9.8		0.0				
159+83.93	CS-200C(1)	RT	133.9	10.7		0.0				
161+22.57	S-238 OUTFALL	RT	314.6	25.2		0.0				
163+30.73	CS-200(D)	RT	125.3	10.0		0.0				
164+10.00	S-240	LT	265.4	21.2	292.0	31.2				
164+50.00	S-241	LT	268.3	21.5	292.0	31.2				
173+32.00	S-248	LT	269.6	21.6	291.2	31.1				
173+89.28	CS-AH	LT	130.0	10.4		0.0				
175+14.00	S-249	LT	268.8	21.5	292.0	31.2				
177+59.31	CS-300(2) OUTFALL	RT	392.4	31.4		0.0				
177+72.10	CS-300(3)	RT	78.2	6.3		0.0				
180+16.00	S-253	LT	194.4	15.6	262.0	28.0				
180+65.77	S-254	LT	193.7	15.5	263.3	28.1				
183+15.91	S-255	LT	471.0	37.7	197.0	21.0				
183+15.91	S-256	RT	361.4	28.9		0.0				
187+25.04	S-260	LT	175.0	14.0	235.0	25.1				
188+38.64	S-261	LT	174.8	14.0	235.1	25.1				
109+00.90	OFFSITE DRAINAGE / BASIN 100	RT	322.0	25.8						
109+00.90	OFFSITE DRAINAGE / BASIN 100	RT	322.0	25.8						
135+34.59	OFFSITE DRAINAGE / BASIN 200 A/B	RT	300.4	24.0						
135+34.59	OFFSITE DRAINAGE / BASIN 200 A/B	RT	300.4	24.0						
143+75.30	OFFSITE DRAINAGE / BASIN 200B	RT	392.9	31.4						
144+16.00	OFFSITE DRAINAGE / BASIN 200B	RT	585.9	46.9						
SUB-TOTAL:				608.0		251.8				
PROJECT TOTAL:						859.8				

SUMMARY OF TRAFFIC SEPARATOR										
LOCATION		PAY ITEM						DESIGN NOTES	CONSTRUCTION REMARKS	
STA. TO STA		TRAFFIC SEPARATOR CONC. TYPE I, 3'		TRAFFIC SEPARATOR CONC. TYPE I, 9'		TRAFFIC SEPARATOR CONC. TYPE VI, 4.5'				
		520 5 11A		520 5 16A		520 5 41A				
		P (LF)	F	P (LF)	F	P (LF)	F			
BEN HILL GRIFFIN						204.1				
86+37.16	TO 92+73.79	636.6								
109+94.90	TO 110+40.42			45.5						
147+69.54	TO 148+14.95			45.5						
TOTAL:		636.6		91.0		204.1				

<table border="1"> <thead> <tr> <th colspan="4">REVISIONS</th> </tr> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>				REVISIONS				DATE	DESCRIPTION	DATE	DESCRIPTION					 <p>2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010</p>		<p>LEE COUNTY DEPARTMENT OF TRANSPORTATION</p> <table border="1"> <tr> <th>ROAD NO.</th> <th>COUNTY</th> <th>FINANCIAL PROJECT ID</th> </tr> <tr> <td> </td> <td>LEE</td> <td> </td> </tr> </table>		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		LEE		<p>SUMMARY OF QUANTITIES</p>		<p>SHEET NO. 29</p>
REVISIONS																												
DATE	DESCRIPTION	DATE	DESCRIPTION																									
ROAD NO.	COUNTY	FINANCIAL PROJECT ID																										
	LEE																											

SUMMARY OF PERFORMANCE TURF (ALICO ROAD)

LOCATION		NORTH RIGHT-OF-WAY TO NORTH PATHWAY		NORTH PATHWAY TO BACK OF CURB		MEDIAN		BACK OF CURB TO SOUTH PATHWAY		SOUTH PATHWAY TO SOUTH RIGHT OF WAY		OFFSITE	
		570 1 2		570 1 2		570 1 2		570 1 2		570 1 2		570 1 2	
STA. TO STA.		PERFORMANCE TURF (SOD)		PERFORMANCE TURF (SOD)		PERFORMANCE TURF (SOD)		PERFORMANCE TURF (SOD)		PERFORMANCE TURF (SOD)		PERFORMANCE TURF (SOD)	
		P (SY)	F	P (SY)	F	P (SY)	F	P (SY)	F	P (SY)	F	P (SY)	F
84+01.27	TO	89+00.00	497.7		251.5		-		707.1		616.5		
89+00.00	TO	94+60.00	1,069.1		249.2		656.2		2,041.6		501.0		
94+60.00	TO	100+20.00	1,089.3		248.9		3,080.0		2,516.4		638.4		
100+20.00	TO	105+80.00	1,182.2		248.9		3,080.0		2,552.7		895.9		
105+80.00	TO	111+40.00	1,182.2		248.9		1,941.3		1,218.7		1,680.5		
111+40.00	TO	117+00.00	1,146.2		232.2		2,973.6		2,592.8		891.6		
117+00.00	TO	122+60.00	1,178.2		248.3		2,219.9		2,170.5		907.7		
122+59.49	TO	128+20.00	1,181.9		248.9		1,315.2		1,614.1		2,068.5		
128+20.00	TO	133+80.00	1,181.5		248.9		2,380.9		2,304.8		964.4		
133+80.00	TO	139+40.00	1,181.2		248.9		1,220.4		1,711.7		1,965.2		
139+40.00	TO	144+99.80	1,180.9		248.9		3,013.6		2,966.6		1,617.7		
144+99.51	TO	150+60.06	1,182.8		249.1		1,901.6		1,758.7		2,244.4		
150+60.00	TO	156+20.00	1,181.8		248.9		3,080.0		3,111.1		1,617.7		
156+20.00	TO	161+80.00	1,842.1		248.9		1,581.7		1,969.5		1,769.7		
161+80.00	TO	167+40.11	3,120.0		232.2		2,086.3		2,566.3		1,884.9		
167+40.00	TO	173+00.00	3,230.9		248.7		2,203.1		2,599.1		1,689.9		
173+00.00	TO	178+60.00	2,436.2		53.5		963.9		1,539.9		1,396.9		
178+60.00	TO	184+20.00	3,045.9		205.5		2,898.9		2,703.6		780.9		
184+20.00	TO	189+80.00	2,933.1		183.3		1,761.3		3,039.4		669.3		
189+80.00	TO	195+40.00	4,089.0		181.1		1,376.7		-		5,685.9		
195+40.00	TO	197+93.73	2,460.9		-		-		-		2,097.8		
OFFSITE DRAINAGE BASIN 100													1,542.0
OFFSITE DRAINAGE BASIN 200 A/B													982.2
OFFSITE DRAINAGE BASIN 200 B													703.4
OFFSITE DRAINAGE BASIN 200 C/D													1,381.1
OFFSITE DRAINAGE BASIN 300													1,090.6
SECTION TOTALS			37,593.1		4,574.7		39,734.6		41,684.6		32,584.8		5,699.3
ALICO ROAD SOD TOTAL													161,871.1

SUMMARY OF PERFORMANCE TURF (AIRPORT HAUL ROAD)

LOCATION		WEST RIGHT-OF-WAY TO WEST SHOULDER / CURB		PATHWAY TO EAST RIGHT OF WAY		DESIGN NOTES	REMARKS
		570 1 2		570 1 2			
STA. TO STA.		PERFORMANCE TURF (SOD)		PERFORMANCE TURF (SOD)			
		P (SY)	F	P (SY)	F		
2001+04.50		2006+00.00	4,769.1		910.5		
2006+00.00		2011+60.00	4,963.6		1,003.2		
2011+60.00		2017+20.00	4,937.2		1,472.5		
2017+20.00		2022+75.85	4,181.1		1,355.1		
SECTION TOTALS			18,851.0		4,741.3		
AIRPORT HAUL SOD TOTAL						23,592.3	
PROJECT SOD TOTAL				P (SY)	F		
			185,463.4				

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION



LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

SUMMARY OF QUANTITIES

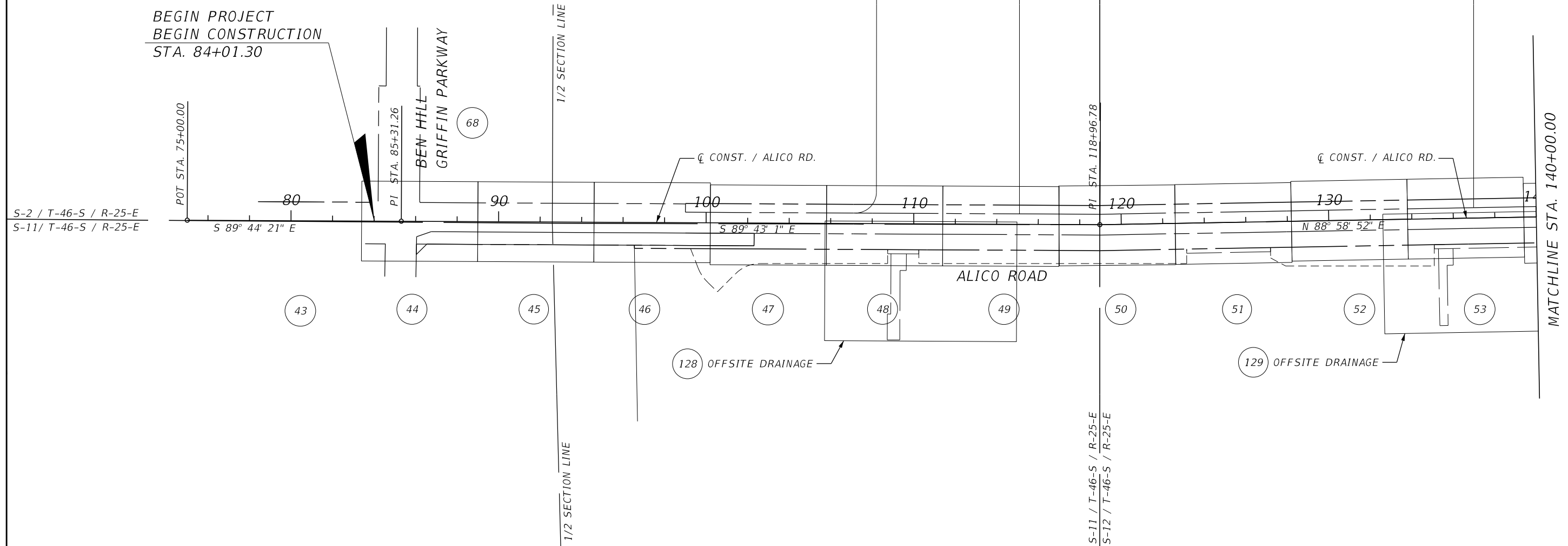
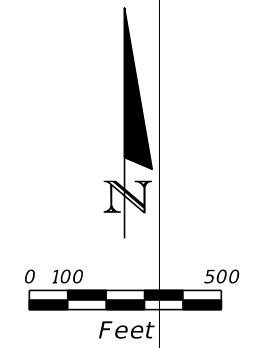
SHEET NO.
30

QUANTITY	STR. NO.	STATION	SIDE	DESCRIPTION	BARRELS	STORM DRAIN OPTIONAL MATERIAL								MANHOLES		CURB INLETS			DITCH BOTTOM INLETS				MITERED END SECTION			CLASS 1 CONC.	CLASS 2 CONC.	NOTES
						ROUND								ELLIP.	<10'			<10'				CD			CY	CY		
						18"	24"	30"	36"	42"	48"	54"	60"	14"x23"	P-7	J-8	P-1	P-2	J-2	C	D	E	H	14"x23"	24"	48"		
P	S-259	STA. 184+25.65	RT	Inlet	1																							W / DBL Traversable Slots
F																												
P	S-260	STA. 187+25.04	LT	Headwall	2																							
F																												
P	S-261	STA. 188+38.64	LT	Headwall, Pipe	2						228																	
F																												
P	S-262	STA. 190+81.84	LT	Inlet, Pipe	1	139											1											
F																												
P	S-263	STA. 190+81.84	RT	Inlet	1																							W / DBL Traversable Slots
F																												
P	S-264	STA. 96+80.00	LT	Inlet, Pipe	1	117											1											
F																												
P	S-265	STA. 96+80.00	RT	Inlet, Pipe	1		64																					
F																												
P	S-266	STA. 97+42.00	RT	Inlet	1																							W / DBL Traversable Slots
F																												
P	S-267	STA. 99+60.00	LT	Inlet, Pipe	1	117																						
F																												
P	S-268	STA. 99+60.00	RT	Inlet, Pipe	1		26																					
F																												
P	S-269	STA. 99+60.00	RT	Inlet	1																							W / DBL Traversable Slots
F																												
P	S-270	STA. 2002+83.89	LT	Inlet	1																							W / DBL Traversable Slots
F																												
P	S-271	STA. 2002+83.89	RT	Inlet, Pipe	1	78																						
F																												
P	S-272	STA. 2009+13.89	LT	Manhole, Pipe	1	88																						
F																												
P	S-273	STA. 2009+13.89	RT	Inlet, Pipe	1	48																						
F																												
P	S-274	STA. 2015+43.89	LT	Inlet	1																							W / DBL Traversable Slots
F																												
P	S-275	STA. 2015+43.89	RT	Inlet, Pipe	1	33																						
F																												
P	S-276	STA. 2014+68.00	RT	MES, Pipe	1		407																					
F																												
P	S-277	STA. 2018+60.00	RT	MES	1																							
F																												
P	S-278	STA. 2014+94.17	RT	MES	1																							
F																												
P	S-279	STA. 2015+42.42	RT	MES, Pipe	1		40																					
F																												
P	S-282	STA. 94+00.00	RT	Manhole, Pipe	1	39																						
F																												
P	S-283	STA. 94+95.00	LT	Inlet, Pipe	1	181																						
F																												
P	S-284	STA. 2010+00.00	LT	Inlet	1																							W / DBL Traversable Slots
F																												
P	S-285	STA. 2008+41.16	LT	MES, Pipe	1		106																					
F																												
P	S-286	STA. 2009+65.52	LT	MES																								
F																												
P																												
F																												
P																												
F																												
SHEET TOTALS -					PLAN TOTAL	840	643	0	0	0	228	0	0	0	2	0	5	4	0	7	0	0	0	0	6	0	20.8	0
					FINAL QUANTITY																							

REVISIONS				 <p>2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010</p>	LEE COUNTY DEPARTMENT OF TRANSPORTATION			<p>SUMMARY OF DRAINAGE</p>	SHEET NO. 33
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
						LEE			

CL CONST. ALICO ROAD / AIRPORT HAUL ROAD

ALIGNMENT	POINT NO.	COORDINATES		CONTROL	CURVE NO.	STATION
		NORTHING	EASTING			
ALICO ROAD	CL1	784911.2946	725905.9147	PI		75+00.00
ALICO ROAD	CL2	784906.6011	726937.1605	PI		85+31.26
ALICO ROAD	CL3	784889.9746	730302.6420	PI		118+96.78
ALICO ROAD	CL4	784937.5077	732975.3131	PI		145+69.87
ALICO ROAD	CL5	784962.1525	735571.4316	PI		171+66.11
ALICO ROAD	CL6	785020.6873	738904.8094	PI		205+00.00
AIRPORT HAUL ROAD	CLAH1	784966.6395	735826.9527	PI		1999+79.50 /174+21.67
AIRPORT HAUL ROAD	CLAH2	785357.544	735821.4755	PC	CL_AH-1	2003+70.44
AIRPORT HAUL ROAD	CLAH3	785701.2887	735816.6591	PI	CL_AH-1	2007+14.22
AIRPORT HAUL ROAD	CLAH4	785969.2355	736032.0384	PT	CL_AH-1	2010+30.42
AIRPORT HAUL ROAD	CLAH5	786146.1500	736174.2447	PC	CL_AH-2	2012+57.40
AIRPORT HAUL ROAD	CLAH6	786414.9074	736390.2756	PI	CL_AH-2	2016+02.22
AIRPORT HAUL ROAD	CLAH7	786759.6822	736384.7800	PT	CL_AH-2	2019+19.21
AIRPORT HAUL ROAD	CLAH8	787318.4185	736375.8739	PI		2024+78.02



LEGEND

(XX) SHEET NUMBER

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

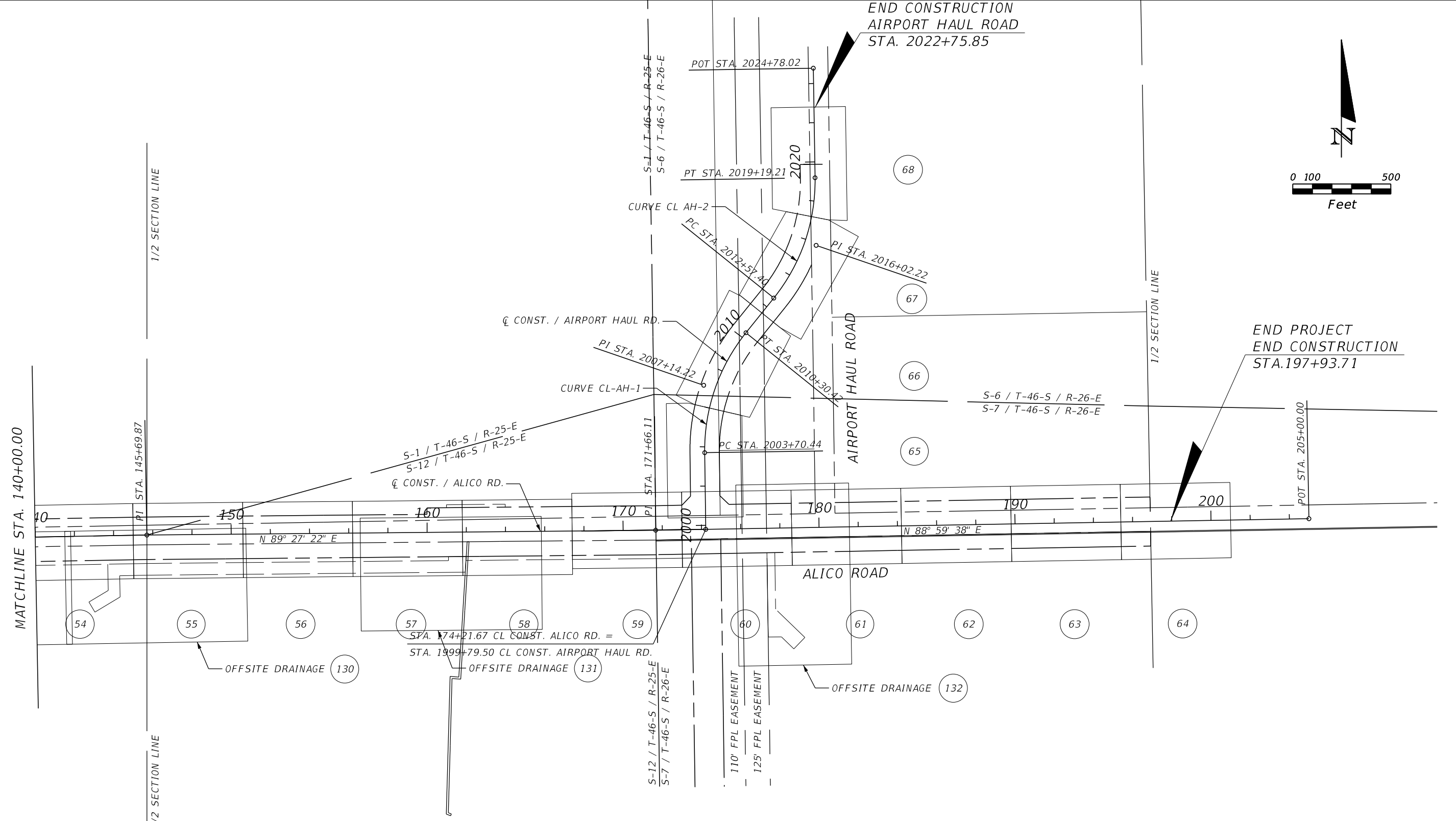
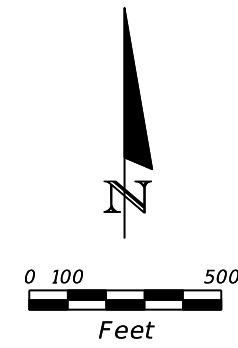
JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

PROJECT LAYOUT

SHEET NO.
37

END CONSTRUCTION
AIRPORT HAUL ROAD
STA. 2022+75.85



CURVE DATA CL AH-1		CURVE DATA CL AH-2	
PI STA.	= 2007+14.22	PI STA.	= 2016+02.22
Δ	= 39° 35' 44" (RT)	Δ	= 39° 42' 22" (LT)
D	= 5° 59' 58"	D	= 5° 59' 58"
T	= 343.78	T	= 344.82
L	= 659.97	L	= 661.81
R	= 955.00	R	= 955.00
PC STA.	= 2003+70.44	PC STA.	= 2012+57.40
PT STA.	= 2010+30.42	PT STA.	= 2019+19.21
E	= 0.2	E	= 0.2

LEGEND

(XX) SHEET NUMBER

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

PROJECT LAYOUT

SHEET NO.
38

CONTROL POINT TABLE

POINT NO.	COORDINATES		ELEVATION	STATION	OFFSET	DESCRIPTION
	NORTH	EAST				
VERTICAL CONTROL POINT (CL ALICO)						
129	784516.542	727001.079	21.32	85+97.10	389.74 RT	CP SIRC
2000	784970.529	727106.219	22.90	87+00.00	64.76 LT	CP 60D NAIL
2001	784970.444	727206.090	22.36	87+99.87	65.17 LT	CP 60D NAIL
2002	784971.198	727306.129	22.33	88+99.90	66.42 LT	CP 60D NAIL
2003	784955.157	727406.147	23.04	90+00.00	50.87 LT	CP 60D NAIL
2004	784951.075	727506.081	22.72	90+99.95	47.28 LT	CP 60D NAIL
2005	784947.998	727606.410	22.56	92+00.29	44.70 LT	CP 60D NAIL
2006	784945.201	727707.160	22.53	93+01.06	42.40 LT	CP 60D NAIL
2007	784945.954	727806.126	21.65	94+00.02	43.65 LT	CP 60D NAIL
2008	784835.327	727906.013	20.43	95+00.45	66.49 RT	CP 60D NAIL
2009	784838.384	728005.573	20.71	95+99.99	62.94 RT	CP 60D NAIL
2010	784840.065	728105.594	20.90	97+00.00	60.76 RT	CP 60D NAIL
2011	784842.249	728205.544	21.06	97+99.94	58.09 RT	CP 60D NAIL
2012	784845.220	728305.461	20.76	98+99.84	54.62 RT	CP 60D NAIL
2013	784848.087	728405.655	20.47	100+00.02	51.26 RT	CP 60D NAIL
2014	784850.179	728505.839	20.46	101+00.19	48.67 RT	CP 60D NAIL
2015	784855.593	728605.631	21.54	101+99.96	42.76 RT	CP 60D NAIL
2016	784854.613	729404.930	21.03	109+99.25	39.80 RT	FPKD NAIL
2017	784873.737	731808.301	20.32	134+01.91	43.01 RT	CP 60D NAIL
2018	784922.030	732105.610	21.30	137+00.03	0.01 RT	CP 60D NAIL
2019	784923.742	732205.633	21.32	138+00.07	0.08 RT	CP 60D NAIL
2020	784925.647	732305.574	21.54	139+00.03	0.05 LT	CP 60D NAIL
2021	784927.370	732405.522	21.93	139+99.99	0.00 RT	CP 60D NAIL
2022	784929.303	732505.911	21.93	141+00.40	0.14 LT	CP 60D NAIL
2023	784930.917	732605.620	22.28	142+00.12	0.02 RT	FIRC 5/8 LB6773
2024	784932.586	732705.473	22.31	142+99.99	0.12 RT	CP 60D NAIL
2025	784934.245	732805.390	21.99	143+99.92	0.24 RT	CP 60D NAIL
2026	784936.177	732905.520	21.85	145+00.07	0.09 RT	FIRC 5/8 LB6774
2027	784937.910	733005.401	21.55	145+99.96	0.12 LT	CP 60D NAIL
2028	784939.746	733105.428	21.45	147+00.00	1.00 LT	CP 60D NAIL
2029	784941.409	733205.473	21.73	148+00.06	1.72 LT	FIRC 5/8 LB6775
2030	784942.982	733305.549	22.08	149+00.15	2.34 LT	CP 60D NAIL
2031	784944.927	733405.866	21.96	150+00.48	3.33 LT	CP 60D NAIL
2032	784946.961	733505.465	21.94	151+00.09	4.42 LT	FIRC 5/8 UNREADABLE
2033	784948.270	733605.244	21.81	151+99.88	4.78 LT	CP 60D NAIL
2034	784950.268	733705.694	21.43	153+00.34	5.83 LT	CP 60D NAIL
2035	784951.917	733805.286	21.53	153+99.95	6.53 LT	FIR 5/8
2036	784953.805	733905.258	21.75	154+99.93	7.47 LT	CP 60D NAIL
2037	784955.478	734004.795	21.89	155+99.48	8.20 LT	CP 60D NAIL
2038	784957.577	734105.192	22.05	156+99.89	9.34 LT	FIRC 5/8 LB6776
2039	784958.413	734204.938	22.42	157+99.64	9.23 LT	CP 60D NAIL
2040	784960.559	734305.247	23.08	158+99.97	10.43 LT	CP 60D NAIL
2041	784962.551	734405.153	23.46	159+99.89	11.47 LT	FIRC 5/8 LB6777
2042	784969.390	734504.896	23.60	160+99.69	17.36 LT	CP 60D NAIL
2043	784965.478	734605.357	24.20	162+00.11	12.50 LT	CP 60D NAIL
2044	784967.712	734705.189	24.67	162+99.96	13.78 LT	FIRC 5/8 UNREADABLE
2045	784969.262	734806.023	23.76	164+00.80	14.37 LT	CP 60D NAIL
2046	784971.086	734905.550	23.47	165+00.34	15.25 LT	CP 60D NAIL
2047	784972.795	735005.392	22.97	166+00.20	16.02 LT	CP 60D NAIL
2048	784974.470	735105.191	22.98	167+00.01	16.74 LT	CP 60D NAIL
2049	784976.383	735205.383	23.63	168+00.21	17.70 LT	CP 60D NAIL
2050	784978.238	735305.149	23.78	168+99.99	18.61 LT	FIRC 5/8 LB6778

CONTROL POINT TABLE (CONTD.)

POINT NO.	COORDINATES		ELEVATION	STATION	OFFSET	DESCRIPTION
	NORTH	EAST				
VERTICAL CONTROL POINT (CL ALICO)						
2051	784979.700	735405.032	23.77	169+99.88	19.13 LT	CP 60D NAIL
2052	784981.477	735505.106	23.60	170+99.97	19.95 LT	CP 60D NAIL
2053	784983.306	735605.207	23.77	172+00.25	20.56 LT	CP 60D NAIL
2054	784984.922	735705.231	24.52	173+00.29	20.42 LT	CP 60D NAIL
2055	784986.638	735805.031	23.43	174+00.10	20.38 LT	CP 60D NAIL
2056	784988.697	735904.981	23.32	175+00.07	20.68 LT	CP 60D NAIL
2057	784990.849	736004.788	23.07	175+99.90	21.08 LT	CP 60D NAIL
2058	784992.327	736105.045	23.35	177+00.17	20.80 LT	CP 60D NAIL
2059	784993.753	736204.747	23.34	177+99.88	20.48 LT	CP 60D NAIL
2060	784995.516	736305.060	23.25	179+00.21	20.48 LT	CP 60D NAIL
2061	784997.337	736404.927	23.36	180+00.09	20.55 LT	CP 60D NAIL
5313	784856.112	728704.266	21.17	102+98.59	41.76 RT	CP 60D NAIL
5314	784855.975	728806.448	20.89	104+00.77	41.39 RT	CP 60D NAIL
5315	784855.873	728902.202	20.86	104+96.52	41.02 RT	CP 60D NAIL
5316	784854.942	728999.153	20.75	105+93.48	41.47 RT	CP 60D NAIL
5317	784853.934	729103.444	20.44	106+97.77	41.96 RT	CP 60D NAIL
5318	784853.846	729204.545	20.58	107+98.87	41.55 RT	CP 60D NAIL
5319	784852.958	729306.140	20.98	109+00.47	42.24 RT	CP 60D NAIL
5320	784853.177	729503.998	21.25	110+98.33	40.74 RT	CP 60D NAIL
5321	784851.904	729606.355	21.38	112+00.69	41.51 RT	CP 60D NAIL
5322	784851.853	729702.912	21.19	112+97.24	41.08 RT	CP 60D NAIL
5323	784852.187	729813.368	21.15	114+07.70	40.20 RT	CP 60D NAIL
5324	784850.533	729904.310	20.89	114+98.65	41.41 RT	CP 60D NAIL
5325	784850.160	730008.991	21.01	116+03.33	41.26 RT	CP 60D NAIL
5326	784850.023	730101.462	20.82	116+95.80	40.95 RT	CP 60D NAIL
5327	784849.936	730202.316	21.11	117+96.65	40.53 RT	CP 60D NAIL
5328	784848.899	730301.833	20.90	118+96.17	41.08 RT	CP 60D NAIL
5329	784848.345	730401.167	20.72	119+94.55	43.38 RT	CP 60D NAIL
5330	784850.614	730503.226	20.73	120+96.63	42.92 RT	CP 60D NAIL
5331	784853.423	730605.142	21.22	121+98.58	41.92 RT	CP 60D NAIL
5332	784855.486	730718.836	21.32	123+12.29	41.88 RT	CP 60D NAIL
5333	784856.411	730807.572	20.81	124+01.03	42.54 RT	CP 60D NAIL
5334	784858.027	730894.530	20.97	124+88.01	42.47 RT	CP 60D NAIL
5335	784860.511	731013.351	20.90	126+06.85	42.10 RT	CP 60D NAIL
5336	784861.889	731100.891	21.19	126+94.40	42.28 RT	CP 60D NAIL
5337	784863.550	731203.022	21.07	127+96.55	42.43 RT	CP 60D NAIL
5338	784865.565	731302.041	21.00	128+95.59	42.18 RT	CP 60D NAIL
5339	784866.886	731401.701	21.10	129+95.25	42.63 RT	CP 60D NAIL
5340	784868.234	731492.762	20.86	130+86.32	42.90 RT	CP 60D NAIL
5341	784870.366	731604.858	20.64	131+98.44	42.76 RT	CP 60D NAIL
5342	784871.896	731699.956	20.65	132+93.55	42.92 RT	CP 60D NAIL
5344	784875.634	731902.949	20.37	134+96.58	42.80 RT	CP 60D NAIL
5345	784876.866	732006.283	20.76	135+99.92	43.40 RT	CP 60D NAIL
6017	784009.422	726979.243	21.50	85+77.77	896.99 RT	CP SIRC
6018	784516.542	727001.079	21.32	85+97.10	389.74 RT	CP SIRC
6587	784009.420	726979.240	21.50	85+77.77	896.99 RT	CP S60D
6588	785294.989	726995.186	22.90	85+87.36	388.67 LT	CP 6017
6909	784802.550	727001.120	22.00	85+95.73	103.73 RT	CP 145731
7017	784009.420	726979.240	21.50	85+77.77	896.99 RT	FIRC
7018	784516.540	727001.080	21.32	85+97.10	389.74 RT	CP PKD
8280	785294.989	726995.186	22.90	85+87.36	388.67 LT	SNAIL 60D
10780	784856.216	728956.243	20.87	105+50.56	40.41 RT	CP S60D

REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION



LEE COUNTY DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

SURVEY CONTROL

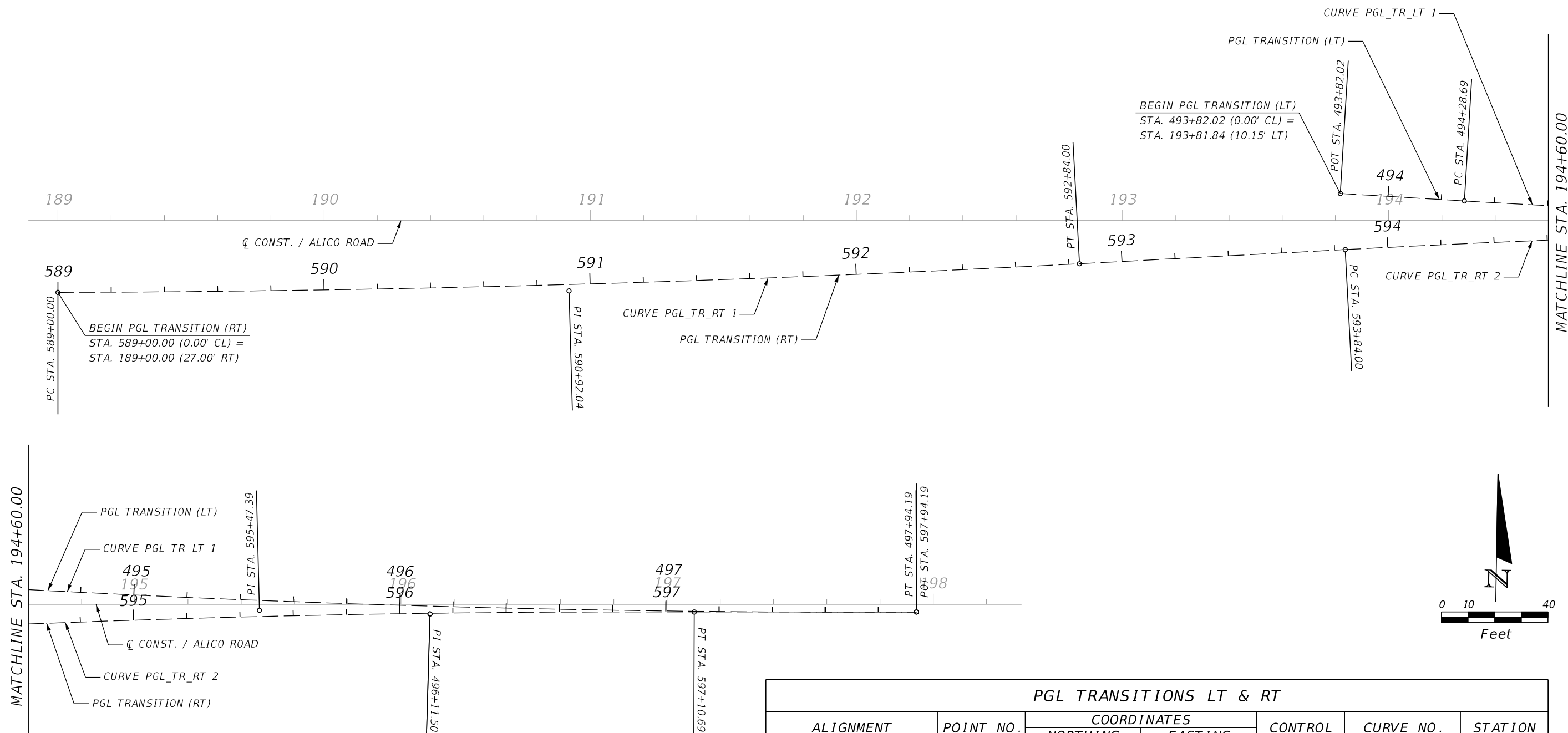
SHEET NO.

39

CONTROL POINT TABLE (CONTD.)

POINT NO.	COORDINATES		ELEVATION	STATION	OFFSET	DESCRIPTION
	NORTH	EAST				
VERTICAL CONTROL POINT (CL ALICO)						
10784	784899.463	728960.832	20.92	105+54.94	2.86 LT	CP S60D
11012	784996.336	727668.130	20.59	92+61.77	93.34 LT	CP S60D
11029	784792.576	728708.366	18.69	103+03.00	105.27 RT	CP S60D
11053	784778.878	731303.953	19.27	128+95.96	128.88 RT	CP S60D
11072	784736.275	731440.919	19.07	130+32.14	173.92 RT	CP S60D
11209	784922.109	732110.405	21.33	137+04.83	0.02 RT	CP S60D
15201	785003.321	729737.225	21.13	113+30.81	110.55 LT	CP 60D
15253	784978.220	729696.814	21.51	112+90.52	85.25 LT	FNC IRON END
15256	784982.784	729742.289	21.35	113+35.97	90.04 LT	FNC IRON
15257	785008.133	729748.091	20.50	113+41.65	115.42 LT	FNC IRON END
145731	784802.550	727001.119	22.00	85+95.73	103.73 RT	SPKD
146731	784802.550	727001.120	22.00	85+95.73	103.73 RT	CP PKD
VERTICAL CONTROL POINT (CL AH)						
4	786935.821	736422.635	22.25	2020+94.73	40.66 RT	CP SMAG CP4
268	786740.063	736474.800	19.71	2018+99.97	89.91 RT	CP SIR
269	786630.864	736468.751	19.78	2017+99.98	90.04 RT	CP SIR
270	786522.935	736451.295	19.84	2017+00.02	90.14 RT	CP SIR
271	786417.500	736422.466	22.16	2016+00.10	90.03 RT	CP SPK
272	786315.449	736382.780	19.25	2014+99.99	90.00 RT	CP SIR
273	786201.523	736361.232	20.60	2013+99.94	123.04 RT	CP SIR
277	785891.172	736085.539	20.72	2010+00.24	90.17 RT	CP SIR
278	785816.020	736034.676	20.58	2008+99.99	89.99 RT	CP SIR
279	785736.054	735992.186	20.34	2007+99.97	89.97 RT	CP SIR
280	785652.077	735958.253	20.49	2006+99.94	89.91 RT	CP SIR
281	785565.077	735933.457	19.94	2006+00.02	90.00 RT	CP SIR
282	785476.089	735917.789	20.78	2005+00.22	89.99 RT	CP SIR
283	785385.653	735911.638	20.23	2004+00.09	90.13 RT	CP SIR
284	785288.330	735912.334	20.07	2002+99.96	89.88 RT	CP SIR
285	785188.329	735913.943	20.30	2001+99.95	90.09 RT	CP SIR
286	785088.503	735914.876	19.83	2001+00.12	89.62 RT	CP SIR
293	786274.202	736071.973	20.06	2012+00.05	74.98 LT	CP SIR
294	786148.421	736079.875	20.43	2013+00.29	159.14 LT	CP SIR
295	786070.590	736017.201	20.10	2011+00.12	75.06 LT	CP SIR

<table border="1"> <thead> <tr> <th colspan="4">REVISIONS</th> </tr> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>				REVISIONS				DATE	DESCRIPTION	DATE	DESCRIPTION					 <p>2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010</p>	<p>LEE COUNTY DEPARTMENT OF TRANSPORTATION</p> <table border="1"> <tr> <th>ROAD NO.</th> <th>COUNTY</th> <th>FINANCIAL PROJECT ID</th> </tr> <tr> <td> </td> <td>LEE</td> <td> </td> </tr> </table>		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		LEE		<p>SURVEY CONTROL</p>	<p>SHEET NO. 40</p>
REVISIONS																										
DATE	DESCRIPTION	DATE	DESCRIPTION																							
ROAD NO.	COUNTY	FINANCIAL PROJECT ID																								
	LEE																									
<p>DATE DESCRIPTION DATE DESCRIPTION</p>																										



MATCHLINE STA. 194+60.00

PGL TRANSITION (LT)

CURVE PGL_TR_LT 1

495
195

595

PI STA. 595+47.39

CONST. / ALICO ROAD

CURVE PGL_TR_RT 2

PGL TRANSITION (RT)

<p>CURVE DATA PGL_TR_LT-1</p> <p>PI STA. = 496+11.50</p> <p>Δ = 3° 39' 17" (LT)</p> <p>D = 1° 00' 00"</p> <p>T = 182.81</p> <p>L = 365.50</p> <p>R = 5,730.00</p> <p>PC STA. = 494+28.69</p> <p>PT STA. = 497+94.19</p>	<p>CURVE DATA PGL_TR_RT-1</p> <p>PI STA. = 590+92.04</p> <p>Δ = 2° 52' 47" (LT)</p> <p>D = 0° 45' 00"</p> <p>T = 192.04</p> <p>L = 384.00</p> <p>R = 7,640.00</p> <p>PC STA. = 589+00.00</p> <p>PT STA. = 592+84.00</p>	<p>CURVE DATA PGL_TR_RT-2</p> <p>PI STA. = 595+47.39</p> <p>Δ = 3° 16' 00" (RT)</p> <p>D = 1° 00' 00"</p> <p>T = 163.39</p> <p>L = 326.70</p> <p>R = 5,730.00</p> <p>PC STA. = 593+84.00</p> <p>PT STA. = 597+10.69</p>
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PGL TRANSITIONS LT & RT						
ALIGNMENT	POINT NO.	COORDINATES		CONTROL	CURVE NO.	STATION
		NORTHING	EASTING			
PGL TRANSITION (LT)	PGLTRLT4	785011.2063	737786.6435	POT		493+82.02
PGL TRANSITION (LT)	PGLTRLT5	785009.2301	737833.2722	PC	PGL_TR_LT_1	494+28.69
PGL TRANSITION (LT)	PGLTRLT6	785001.4893	738015.9180	PI	PGL_TR_LT_1	496+11.50
PGL TRANSITION (LT)	PGLTRLT7	785005.4067	738198.6857	PT	PGL_TR_LT_1	497+94.19
PGL TRANSITION (RT)	PGLTRRT1	784965.5995	737305.5301	PC	PGL_TR_RT_1	589+00.00
PGL TRANSITION (RT)	PGLTRRT2	784969.5304	737497.5280	PI	PGL_TR_RT_1	590+92.04
PGL TRANSITION (RT)	PGLTRRT3	784983.1024	737689.0860	PT	PGL_TR_RT_1	592+84.00
PGL TRANSITION (RT)	PGLTRRT4	784990.1697	737788.8359	PC	PGL_TR_RT_2	593+84.00
PGL TRANSITION (RT)	PGLTRRT5	785001.7172	737951.8198	PI	PGL_TR_RT_2	595+47.39
PGL TRANSITION (RT)	PGLTRRT6	785003.9584	738115.1969	PT	PGL_TR_RT_2	597+10.69
PGL TRANSITION (RT)	PGLTRRT7	785005.4067	738198.6857	POT		597+94.19

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

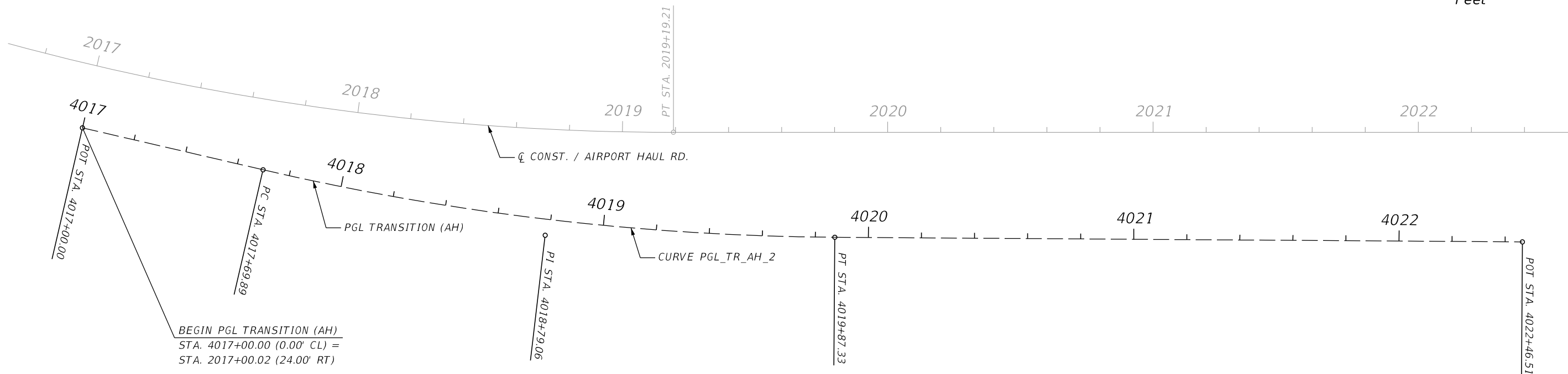
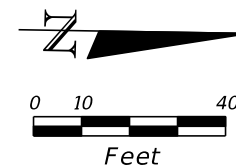
JOHNSON
ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

**SPECIAL PROFILE
GRADE LINE LAYOUT**

SHEET NO.
41



BEGIN PGL TRANSITION (AH)
 STA. 4017+00.00 (0.00' CL) =
 STA. 2017+00.02 (24.00' RT)

CURVE DATA PGL_TR_AH_2
 PI STA. = 4018+79.06
 Δ = 12° 41' 11" (LT)
 D = 5° 50' 05"
 T = 109.16
 L = 217.43
 R = 982.00
 PC STA. = 4017+69.89
 PT STA. = 4019+87.33

PGL TRANSITION - AIRPORT HAUL ROAD						
ALIGNMENT	POINT NO.	COORDINATES		CONTROL	CURVE NO.	STATION
		NORTHING	EASTING			
PGL TRANSITION (AH)	PGLTRAH4	786537.1419	736385.6744	POT		4017+00.00
PGL TRANSITION (AH)	PGLTRAH5	786609.8299	736401.3415	PC	PGL_TR_AH_2	4017+69.89
PGL TRANSITION (AH)	PGLTRAH6	786717.9748	736424.6510	PI	PGL_TR_AH_2	4018+79.06
PGL TRANSITION (AH)	PGLTRAH7	786828.5951	736423.3152	PT	PGL_TR_AH_2	4019+87.33
PGL TRANSITION (AH)	PGLTRAH8	787080.3174	736421.0147	POT		4022+46.51

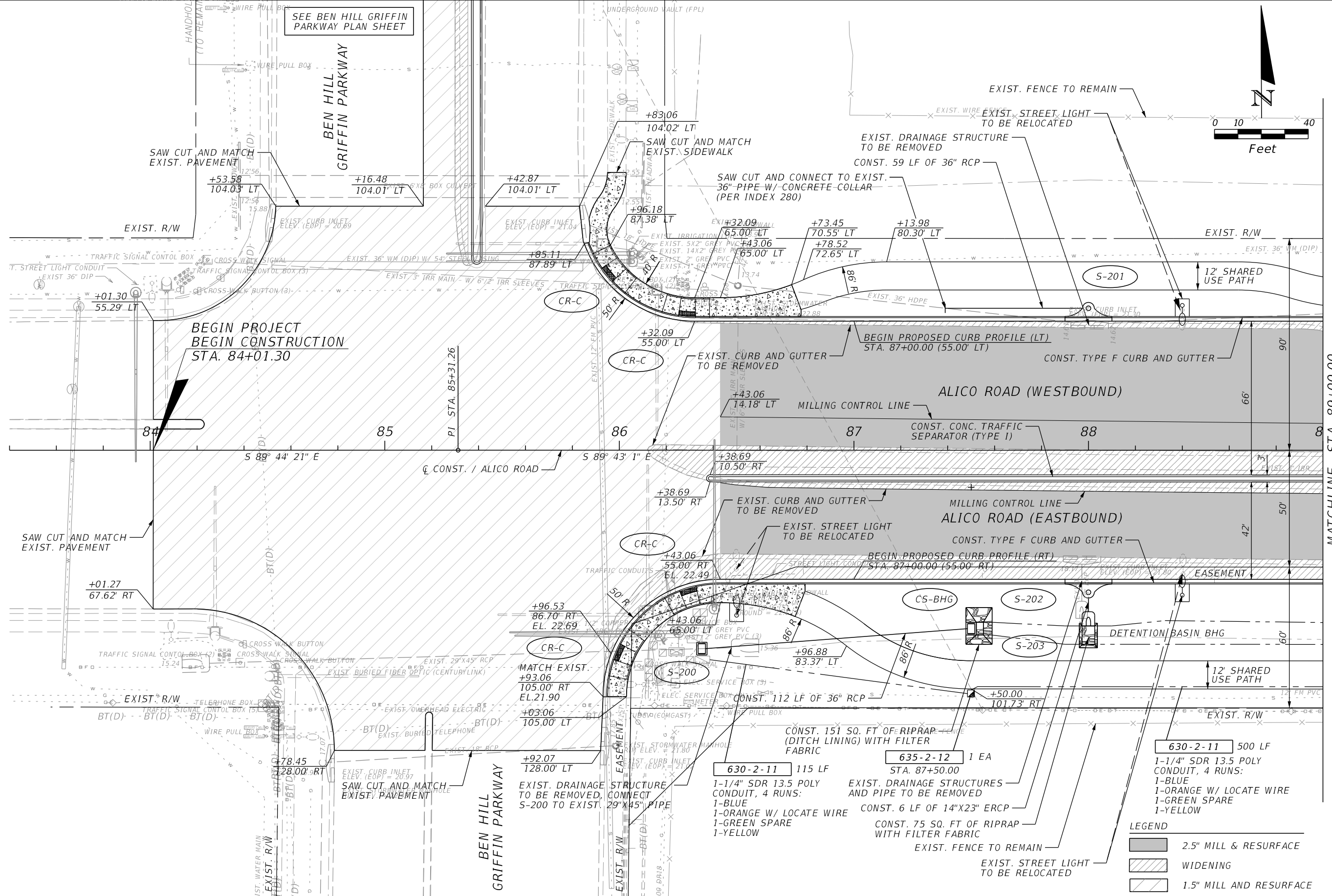
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JOHNSON
ENGINEERING
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 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

**SPECIAL PROFILE
 GRADE LINE LAYOUT**

SHEET
 NO.
 43



SEE BEN HILL GRIFFIN PARKWAY PLAN SHEET

BEGIN PROJECT
BEGIN CONSTRUCTION
STA. 84+01.30

MATCHLINE STA. 89+00.00

- 630-2-11** 500 LF
1-1/4" SDR 13.5 POLY CONDUIT, 4 RUNS:
1-BLUE
1-ORANGE W/ LOCATE WIRE
1-GREEN SPARE
1-YELLOW
- 635-2-12** 1 EA
STA. 87+50.00
- 630-2-11** 115 LF
1-1/4" SDR 13.5 POLY CONDUIT, 4 RUNS:
1-BLUE
1-ORANGE W/ LOCATE WIRE
1-GREEN SPARE
1-YELLOW

LEGEND

	2.5" MILL & RESURFACE
	WIDENING
	1.5" MILL AND RESURFACE

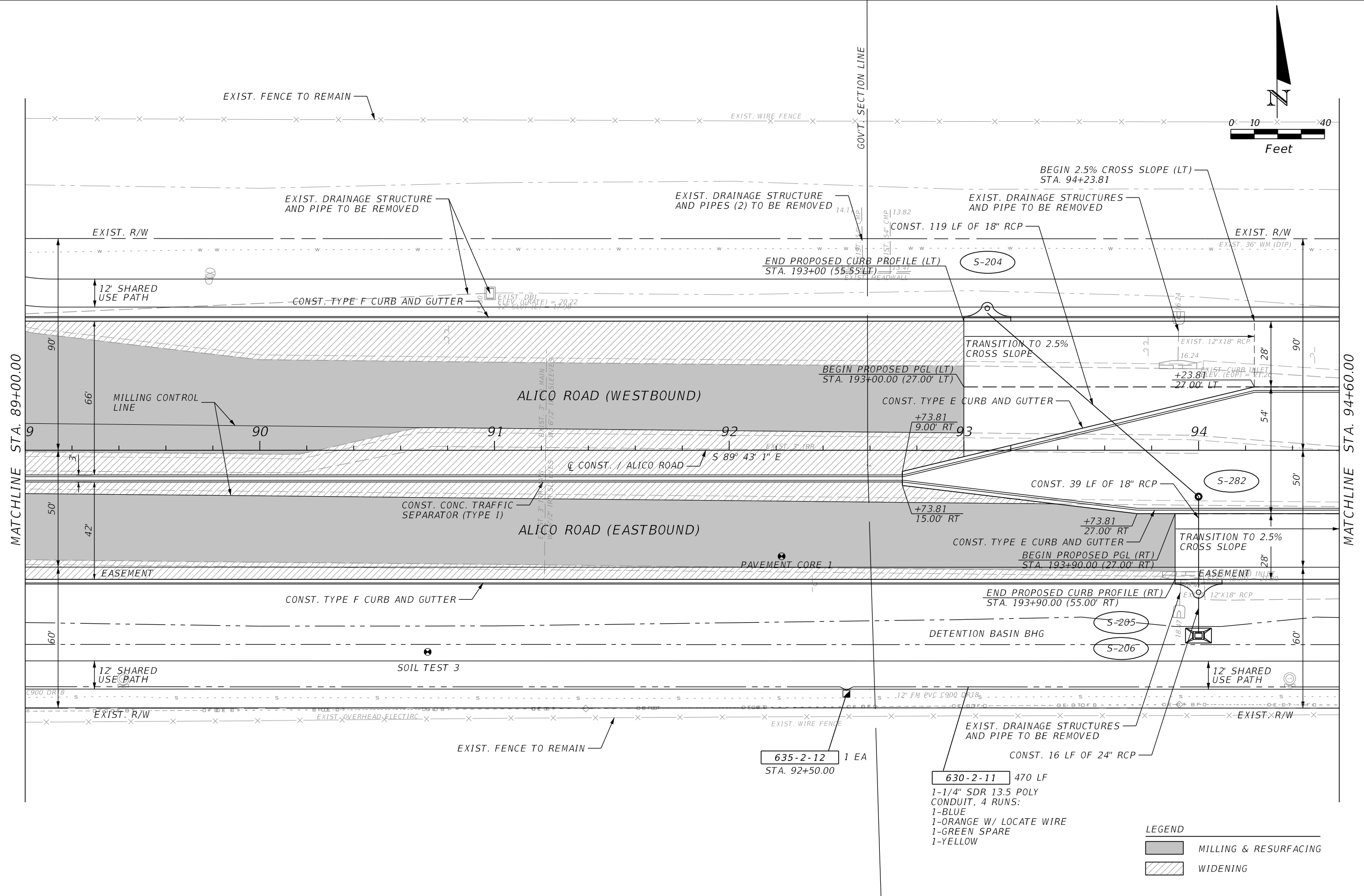
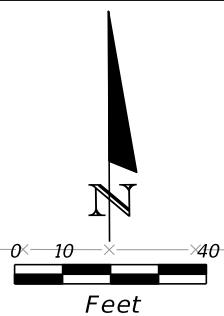
REVISIONS	
DATE	DESCRIPTION

JOHNSON ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

ROADWAY PLAN
ALICO ROAD
STA. 83+40 TO STA. 89+00

SHEET NO.
44



MATCHLINE STA. 89+00.00

MATCHLINE STA. 94+60.00

LEGEND

	MILLING & RESURFACING
	WIDENING

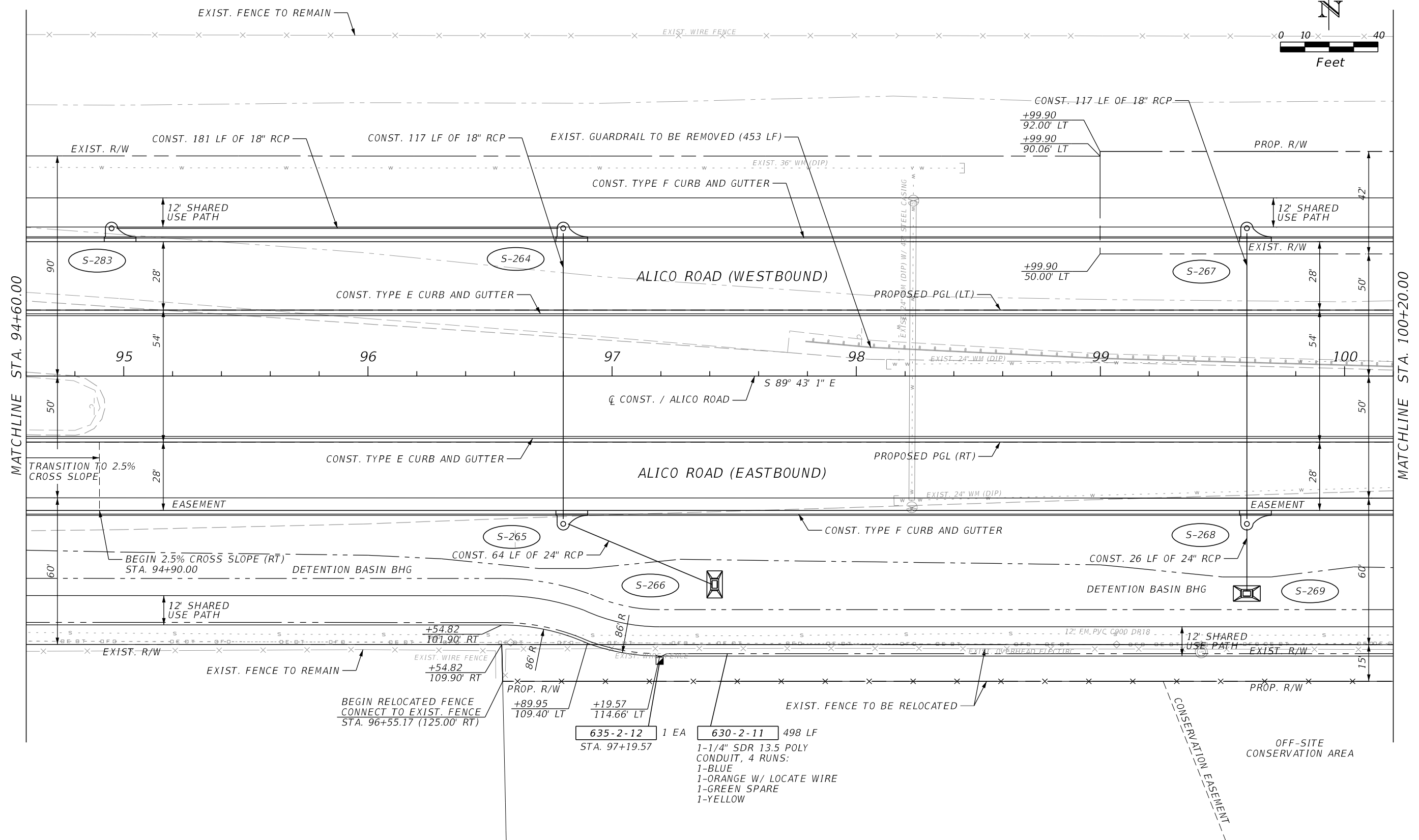
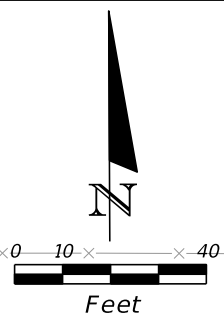
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 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

ROADWAY PLAN
ALICO ROAD
STA. 89+00 TO STA. 94+60

SHEET NO.
45



MATCHLINE STA. 94+60.00

MATCHLINE STA. 100+20.00

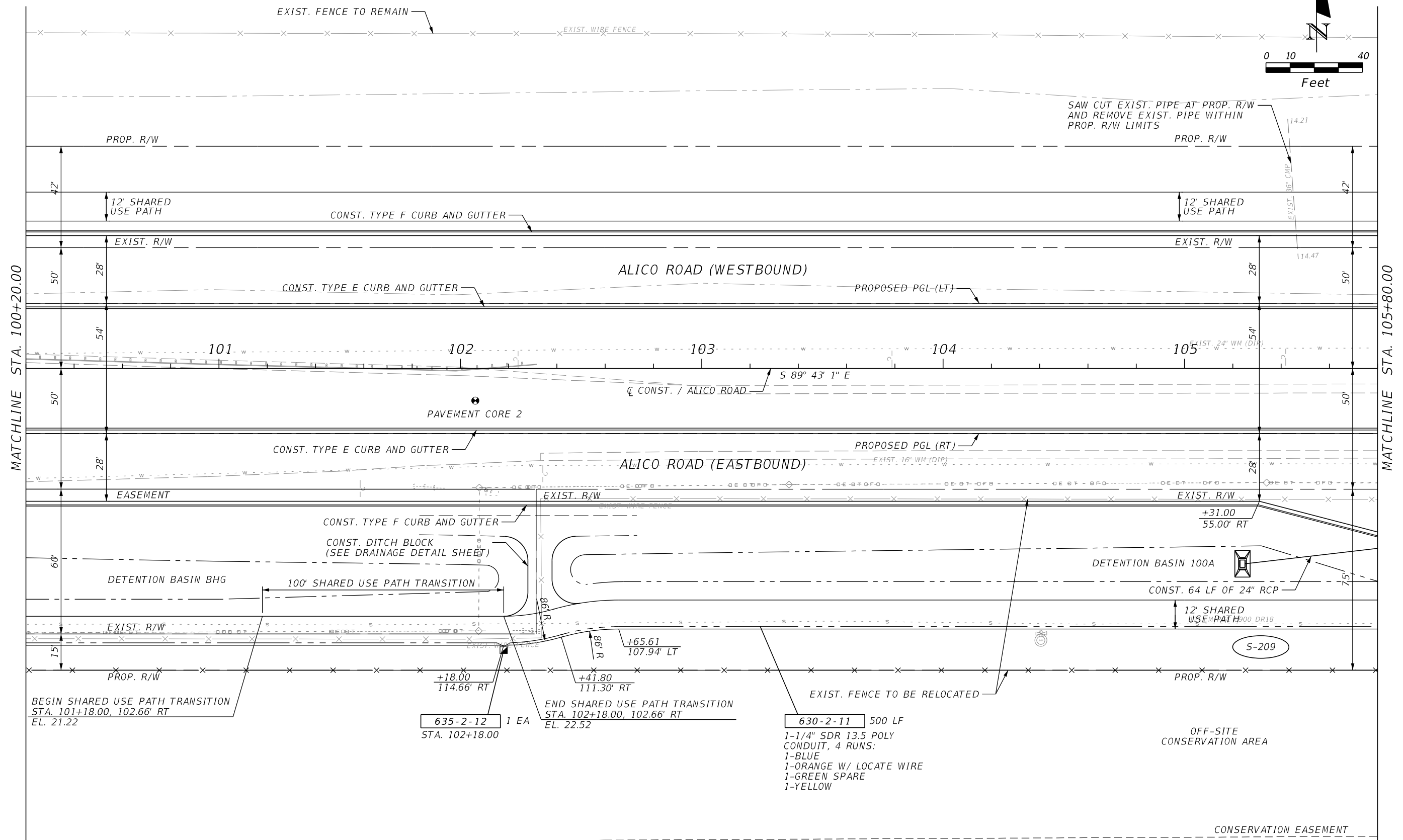
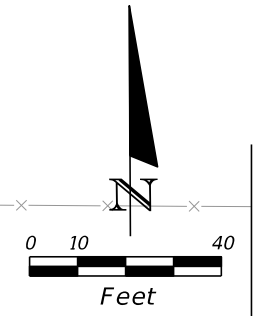
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 FORT MYERS, FL 33901
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LEE COUNTY DEPARTMENT OF TRANSPORTATION		
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	LEE	

ROADWAY PLAN
ALICO ROAD
STA. 94+60 TO STA. 100+20

SHEET NO.
46



MATCHLINE STA. 100+20.00

MATCHLINE STA. 105+80.00

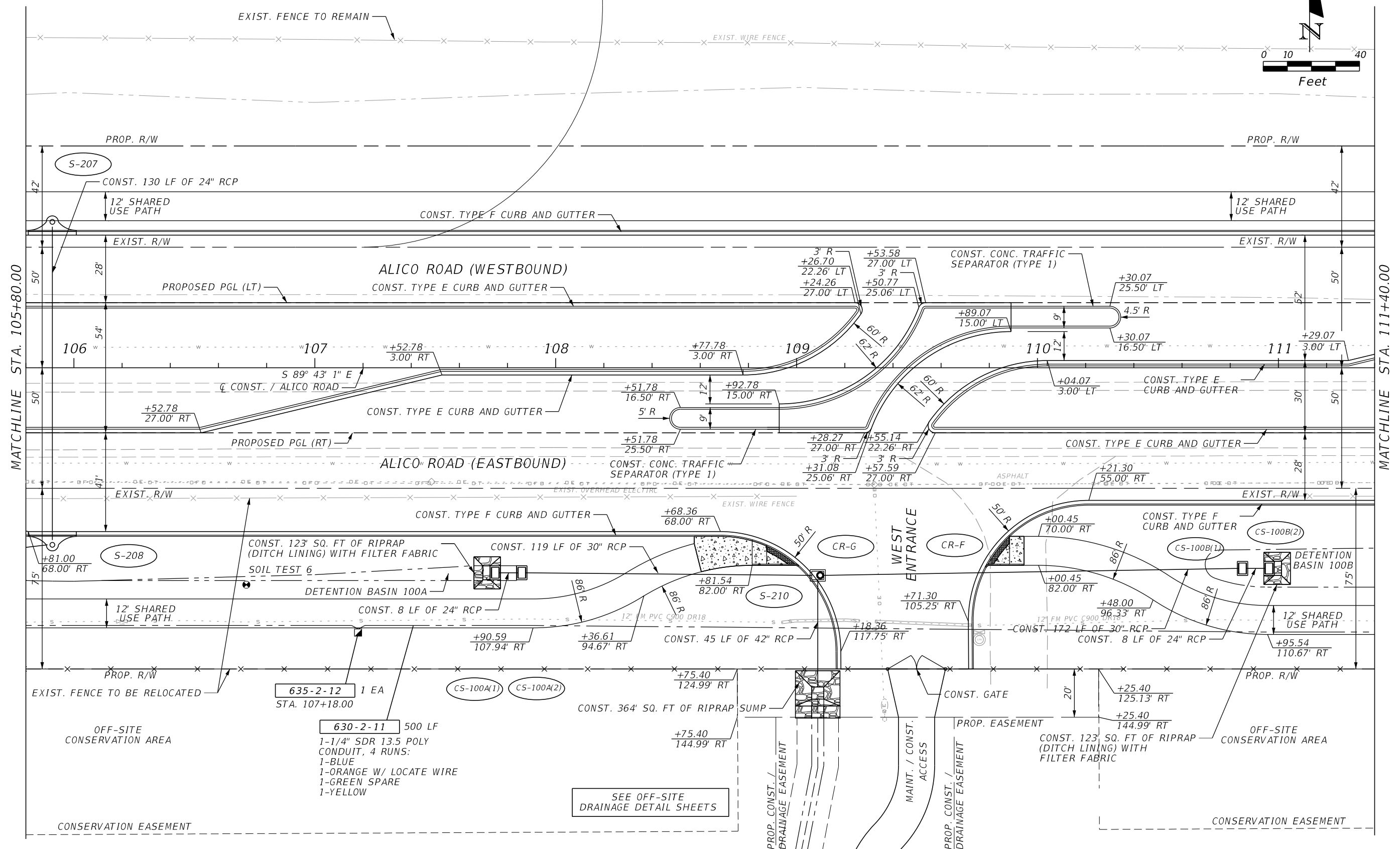
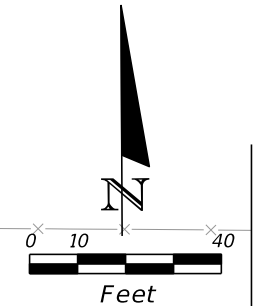
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LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

ROADWAY PLAN
ALICO ROAD
STA. 100+20 TO STA. 105+80

SHEET NO.
47



MATCHLINE STA. 105+80.00

MATCHLINE STA. 111+40.00

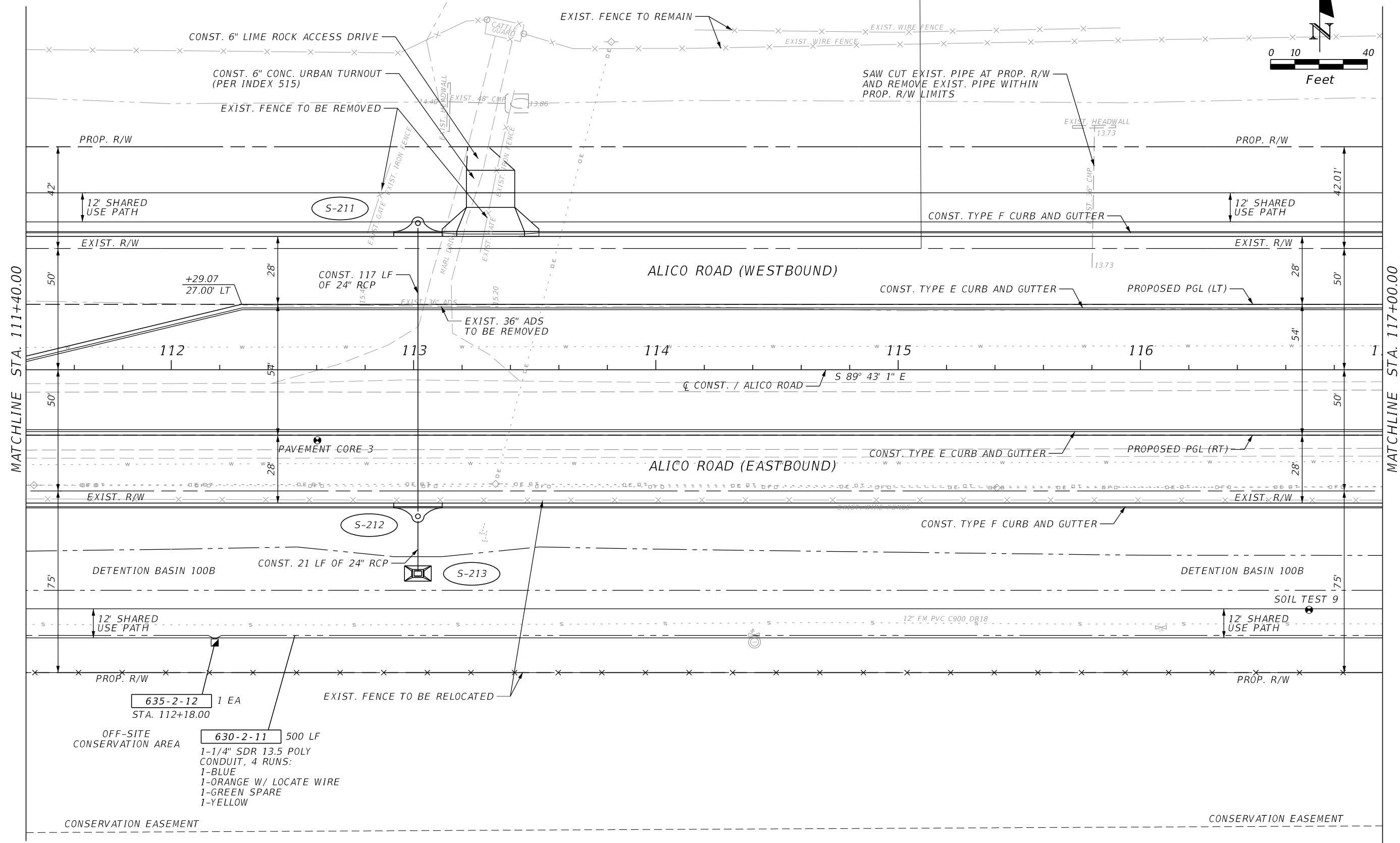
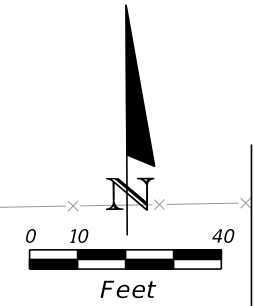
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JOHNSON ENGINEERING
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LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

ROADWAY PLAN
ALICO ROAD
STA. 105+80 TO STA. 111+40

SHEET NO.
 48



MATCHLINE STA. 111+40.00

MATCHLINE STA. 117+00.00

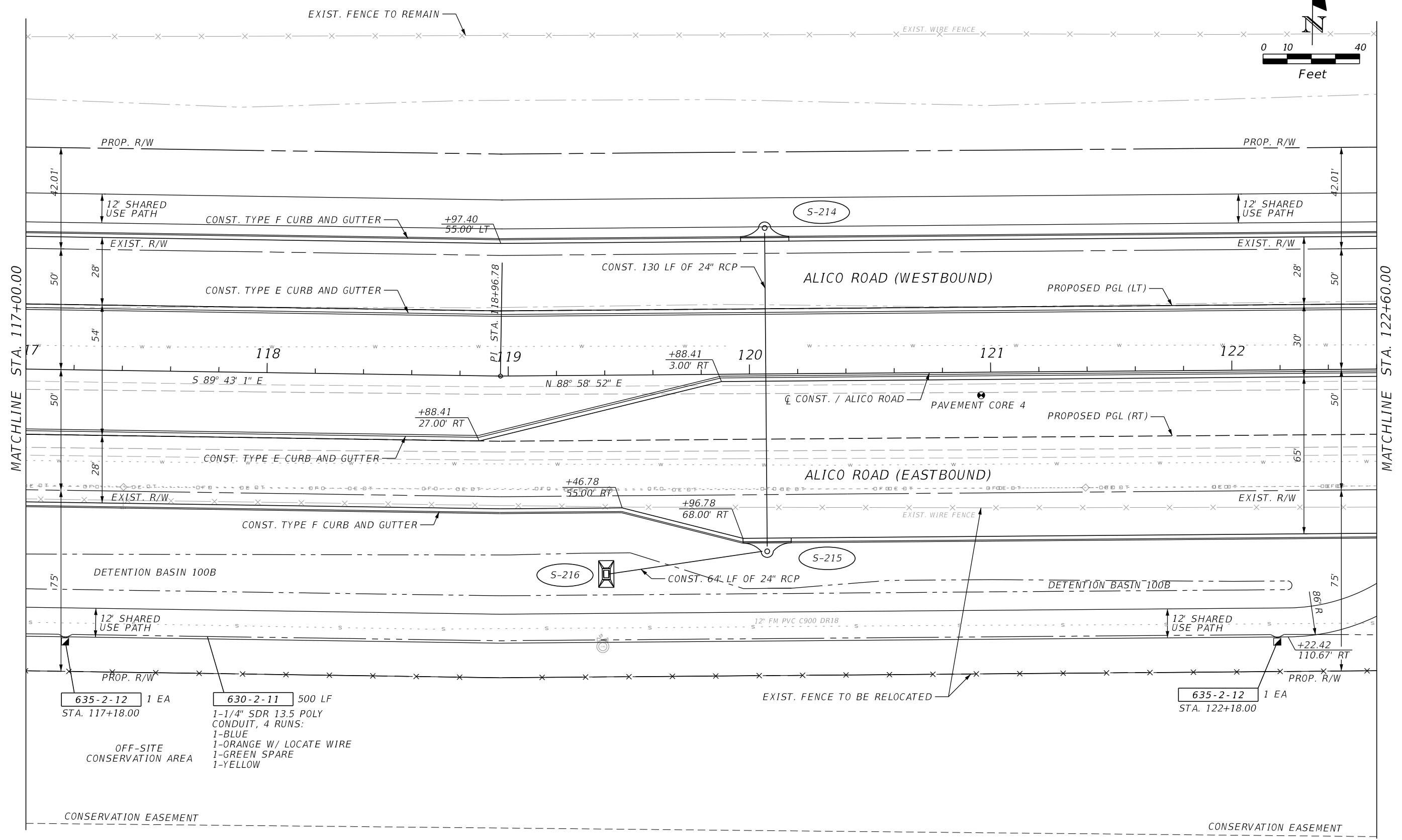
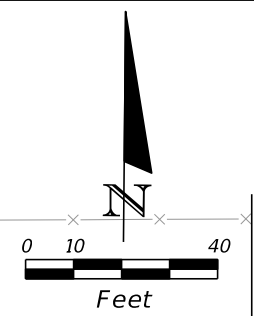
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JOHNSON ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

ROADWAY PLAN
ALICO ROAD
STA. 111+40 TO STA. 117+00

SHEET NO.
49



635-2-12 1 EA
STA. 117+18.00

630-2-11 500 LF
1-1/4" SDR 13.5 POLY
CONDUIT, 4 RUNS:
1-BLUE
1-ORANGE W/ LOCATE WIRE
1-GREEN SPARE
1-YELLOW

OFF-SITE
CONSERVATION AREA

635-2-12 1 EA
STA. 122+18.00

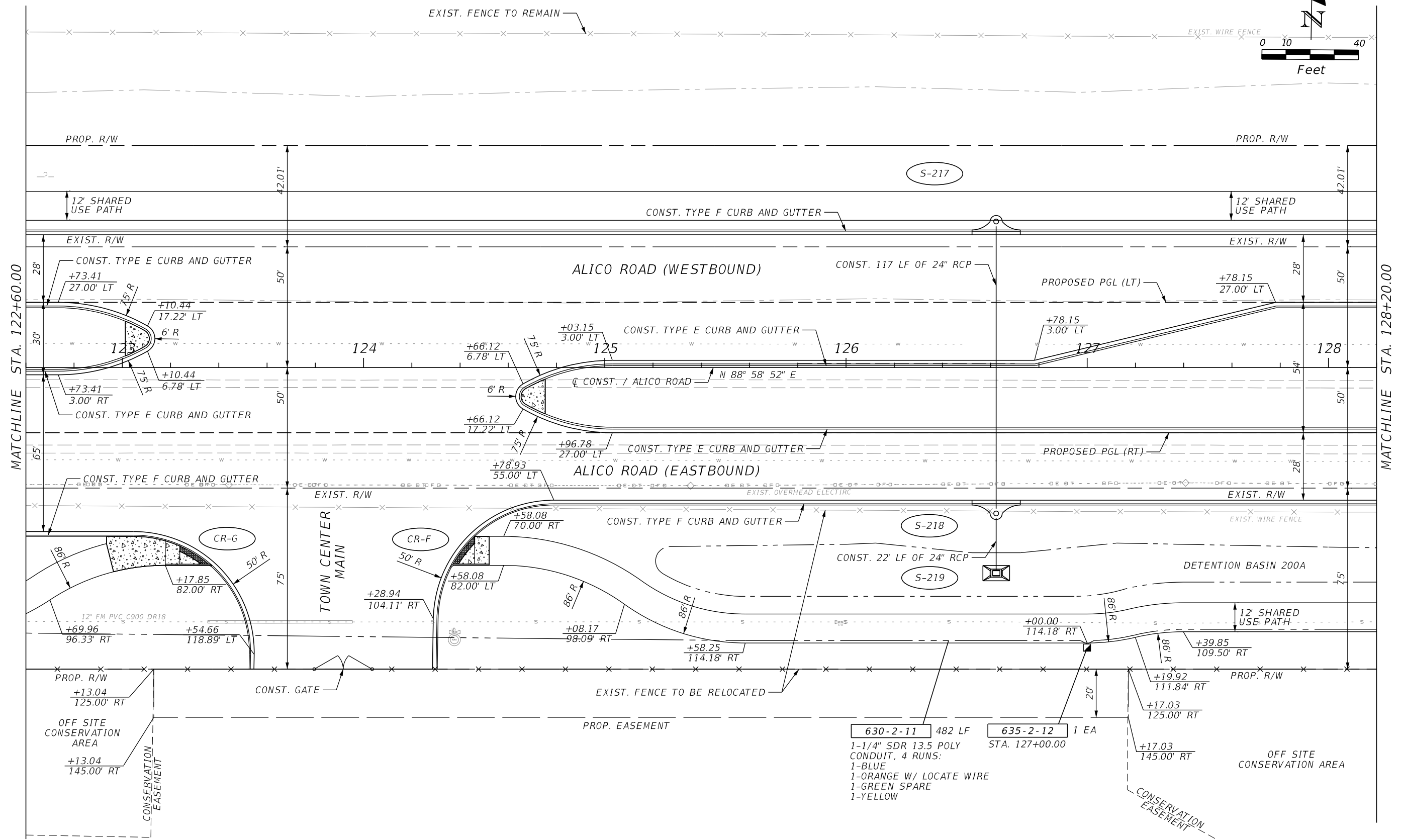
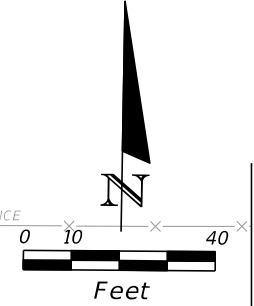
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JOHNSON
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2122 JOHNSON STREET
FORT MYERS, FL 33901
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LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

ROADWAY PLAN
ALICO ROAD
STA. 117+00 TO STA. 122+60

SHEET
NO.
50



MATCHLINE STA. 122+60.00

MATCHLINE STA. 128+20.00

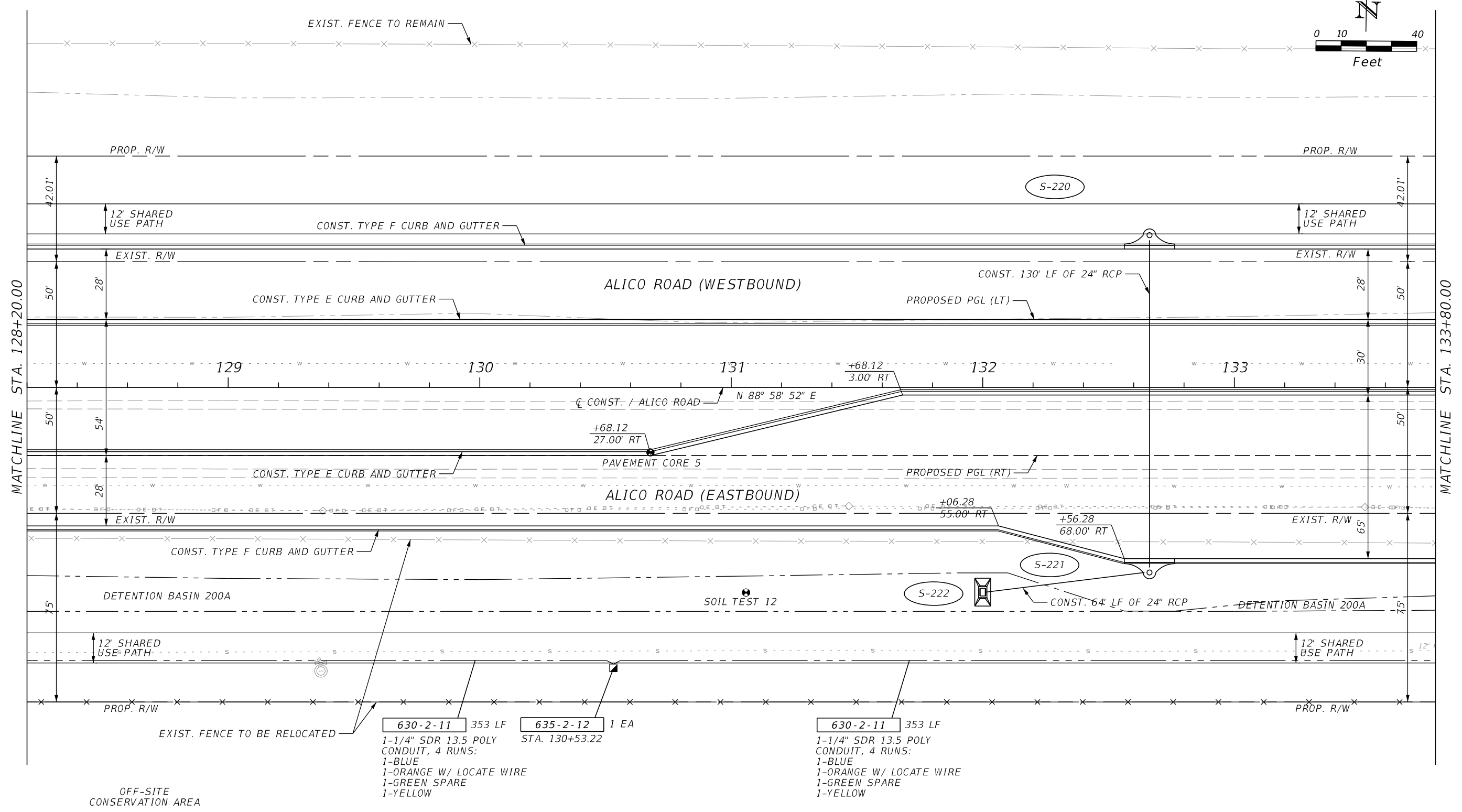
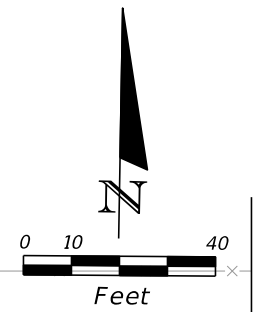
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JOHNSON ENGINEERING
 2122 JOHNSON STREET
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 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

ROADWAY PLAN
ALICO ROAD
STA. 122+60 TO STA. 128+20

SHEET NO.
51



MATCHLINE STA. 128+20.00

MATCHLINE STA. 133+80.00

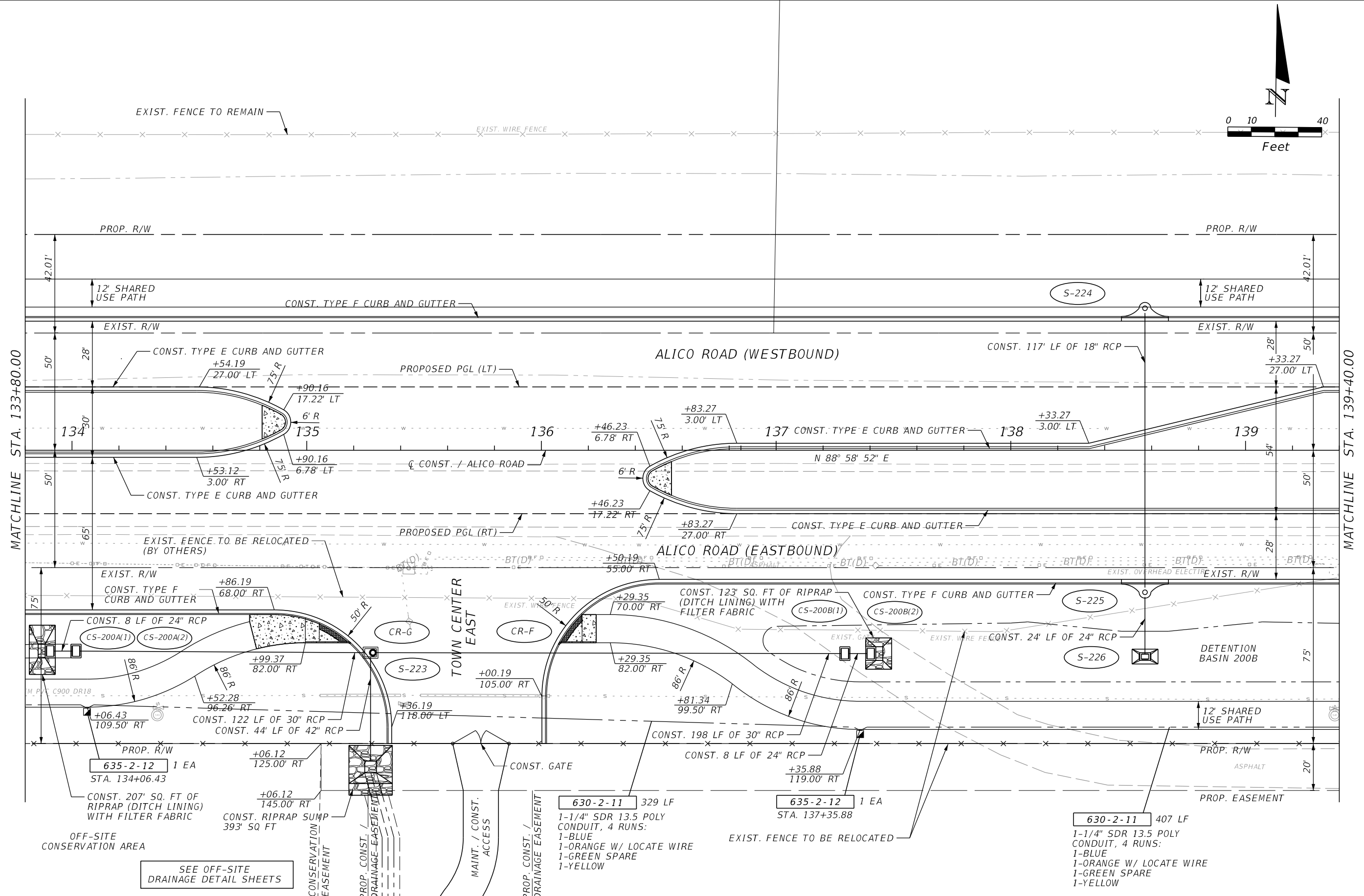
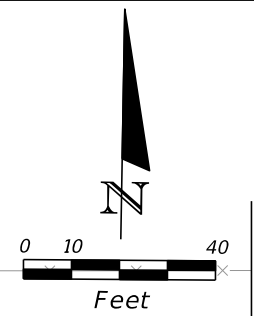
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JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
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LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

ROADWAY PLAN
ALICO ROAD
STA. 128+20 TO STA. 133+80

SHEET NO.
52



MATCHLINE STA. 133+80.00

MATCHLINE STA. 139+40.00

SEE OFF-SITE DRAINAGE DETAIL SHEETS

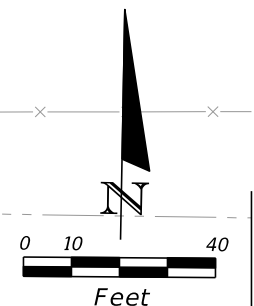
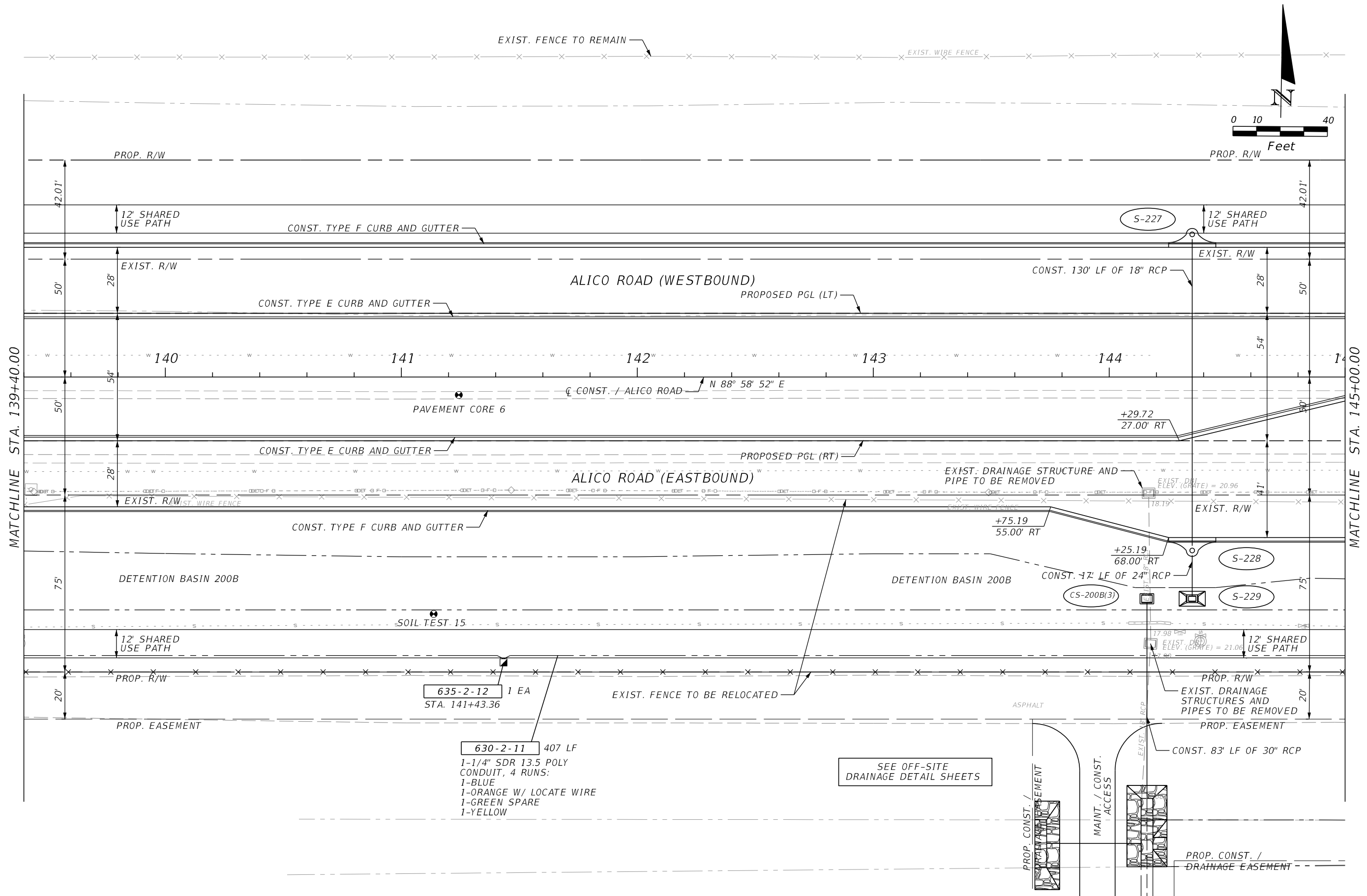
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

ROADWAY PLAN
ALICO ROAD
STA. 133+80 TO STA. 139+40

SHEET NO.
53



MATCHLINE STA. 139+40.00

MATCHLINE STA. 145+00.00

635-2-12 1 EA
STA. 141+43.36

630-2-11 407 LF
1-1/4" SDR 13.5 POLY
CONDUIT, 4 RUNS:
1-BLUE
1-ORANGE W/ LOCATE WIRE
1-GREEN SPARE
1-YELLOW

SEE OFF-SITE
DRAINAGE DETAIL SHEETS

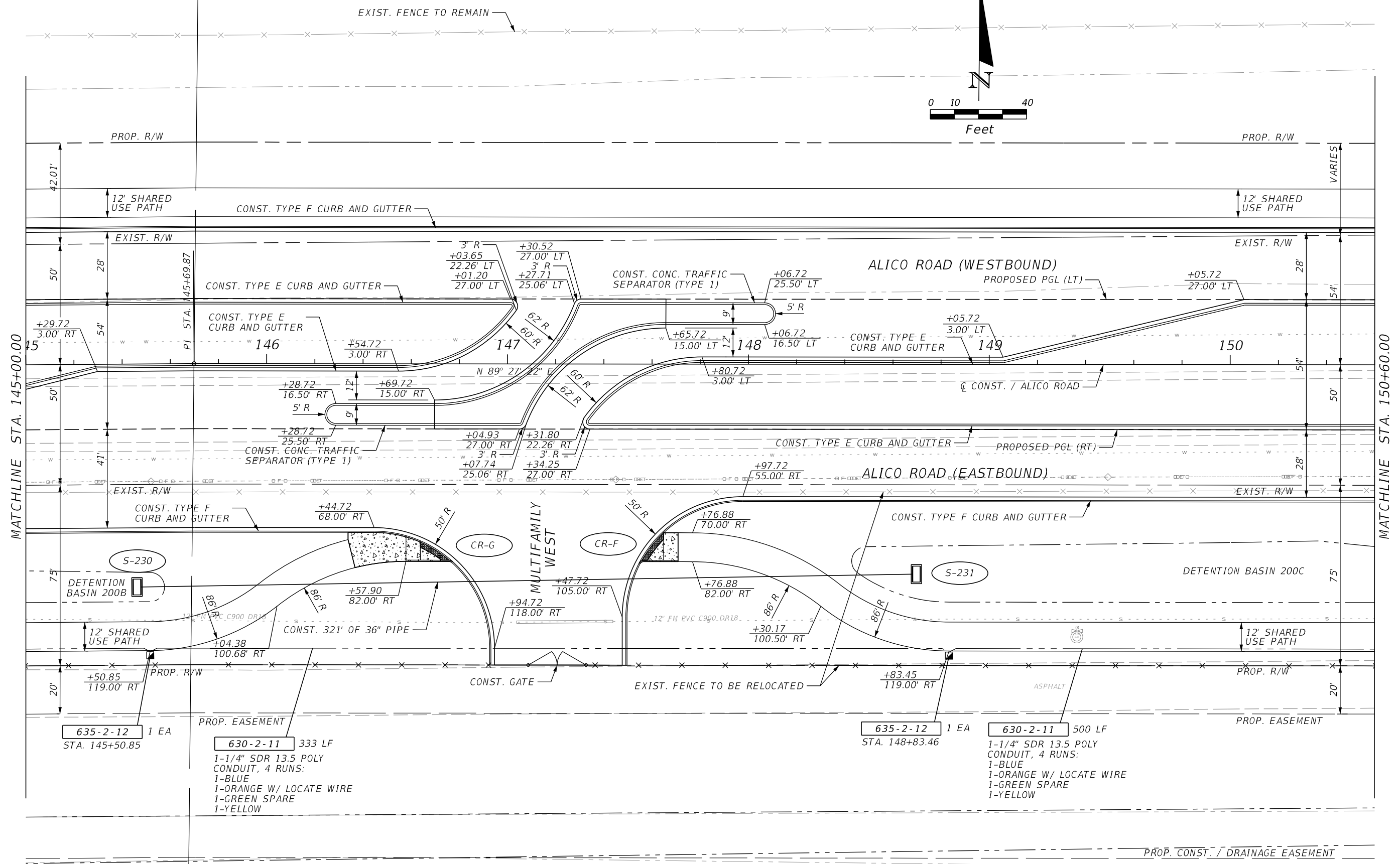
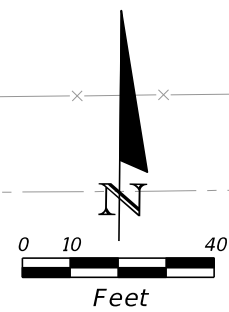
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

ROADWAY PLAN
ALICO ROAD
STA. 139+40 TO STA. 145+00

SHEET NO.
54



MATCHLINE STA. 145+00.00

MATCHLINE STA. 150+60.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

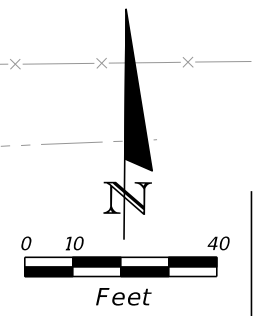
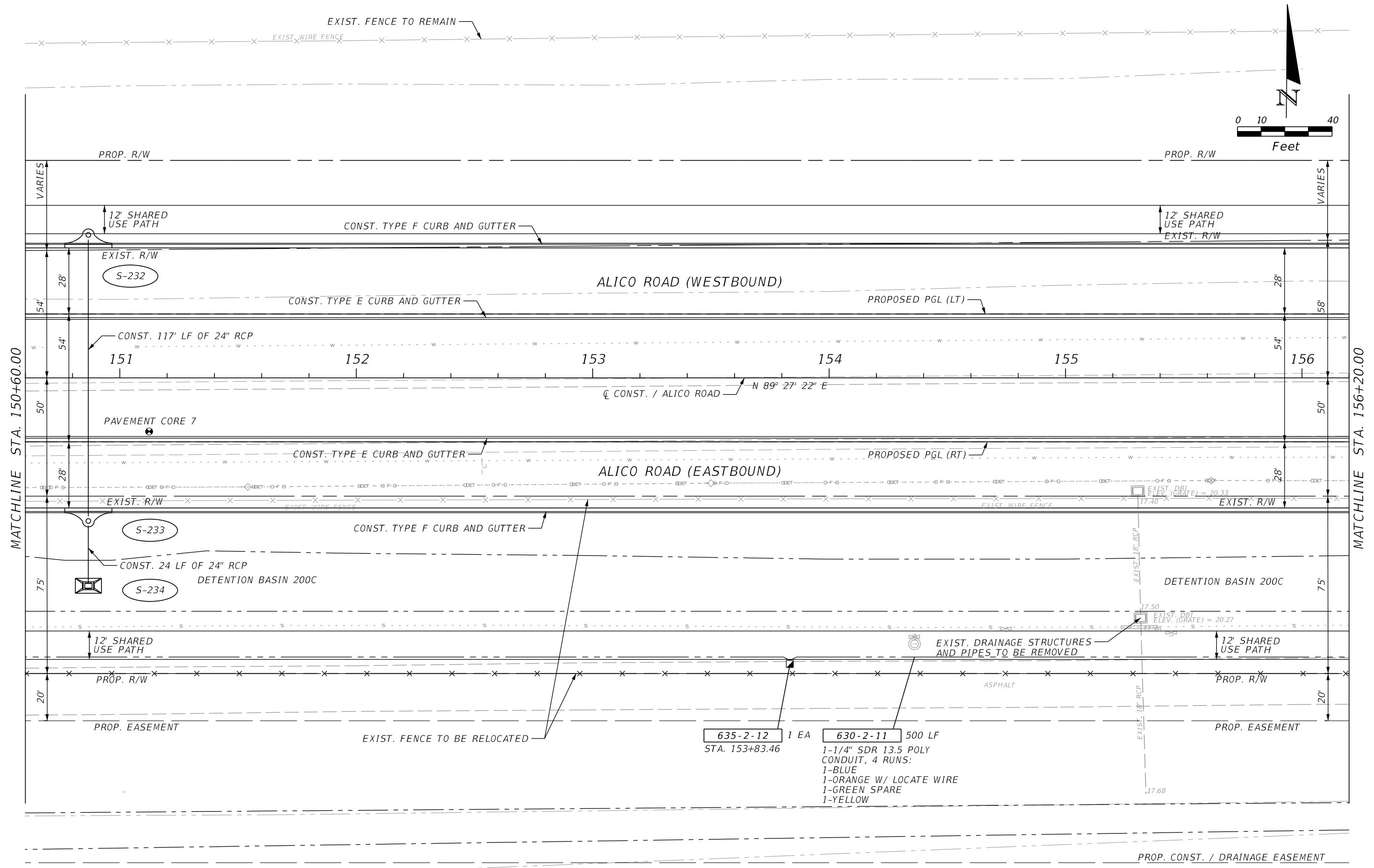
JOHNSON
ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

ROADWAY PLAN
ALICO ROAD
STA. 145+00 TO STA. 150+60

SHEET
NO.

55



MATCHLINE STA. 150+60.00

MATCHLINE STA. 156+20.00

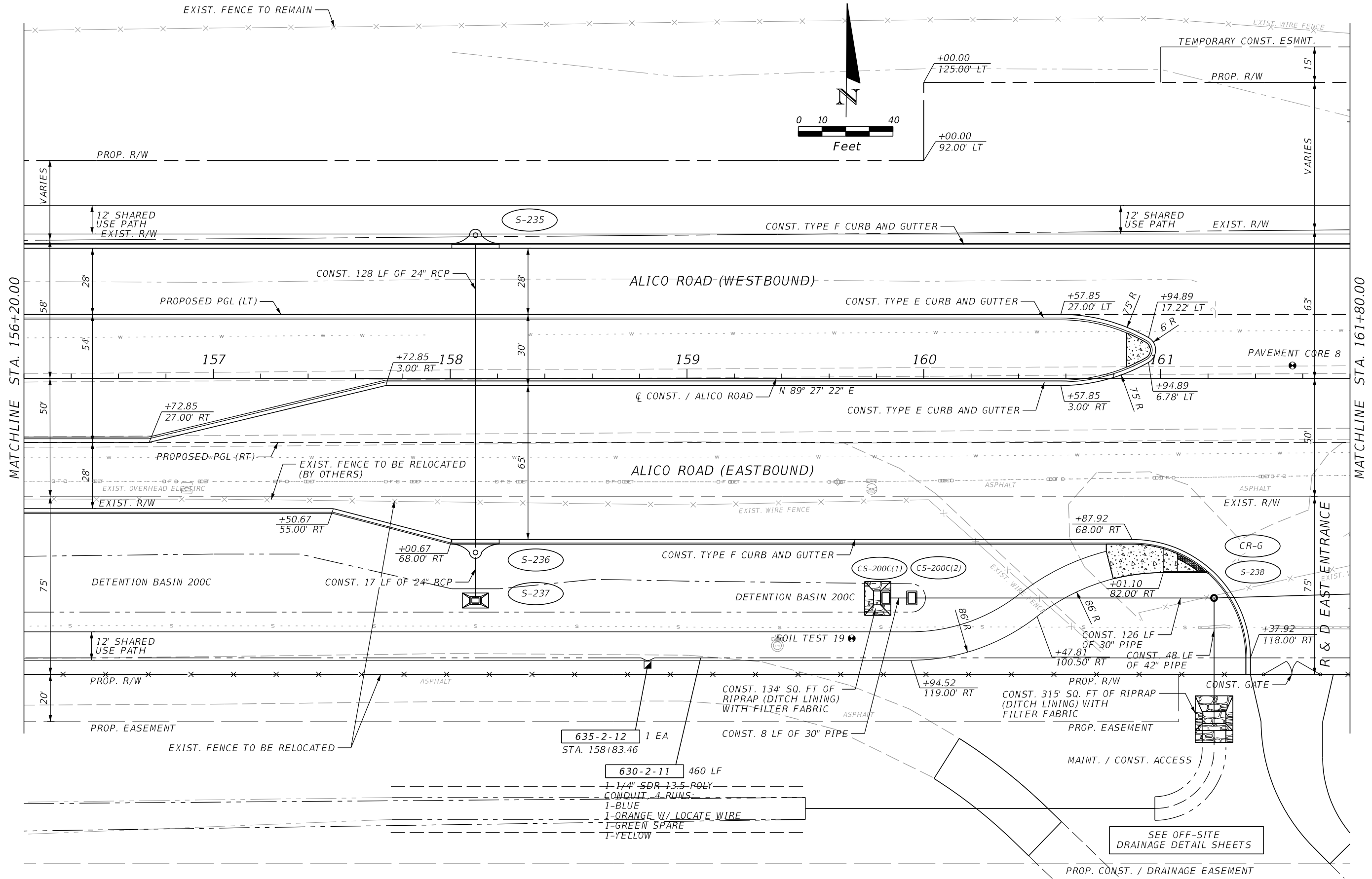
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

ROADWAY PLAN
ALICO ROAD
STA. 150+60 TO STA. 156+20

SHEET NO.
56



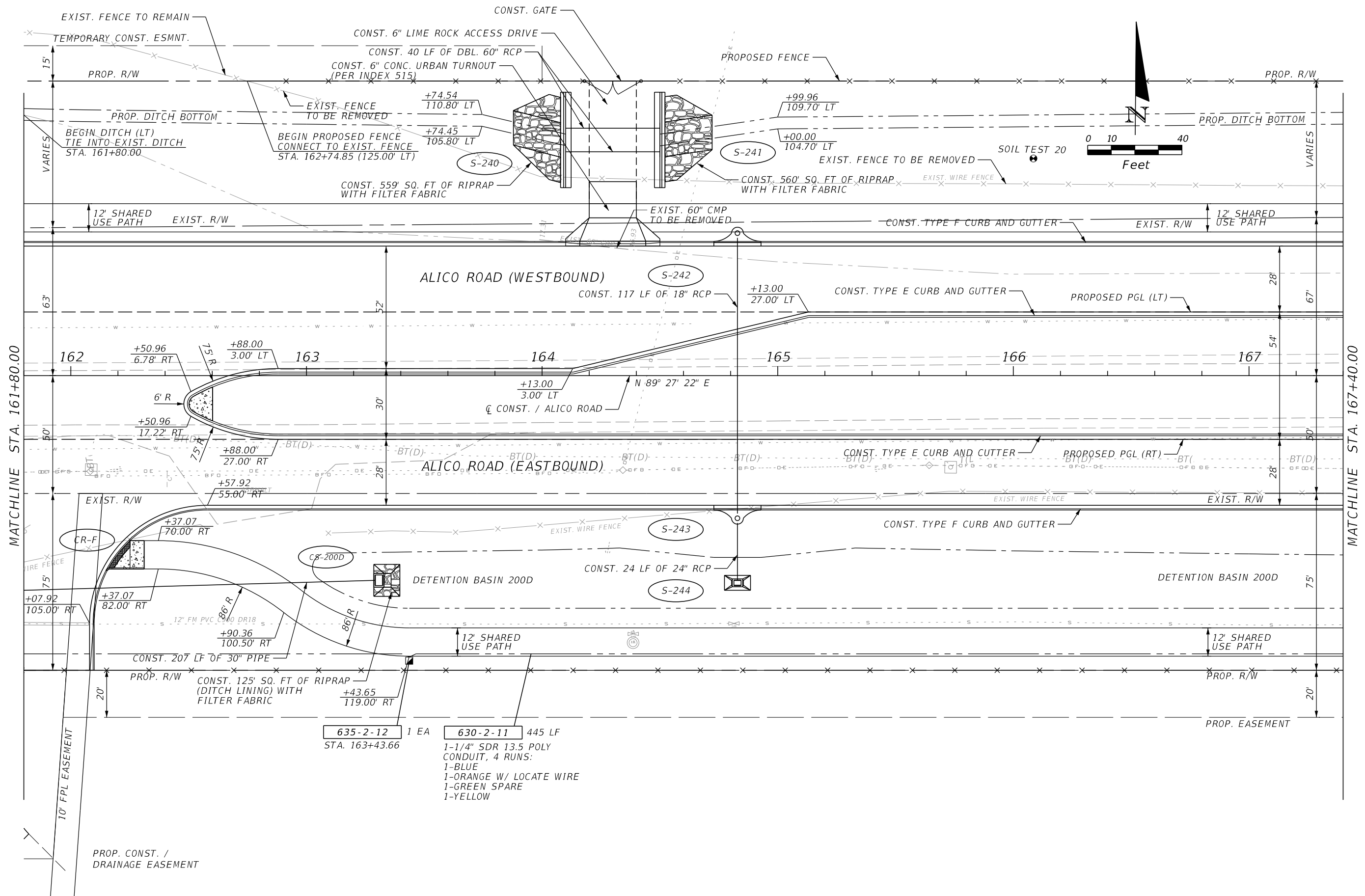
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

ROADWAY PLAN
ALICO ROAD
STA. 156+20 TO STA. 161+80

SHEET NO.
57



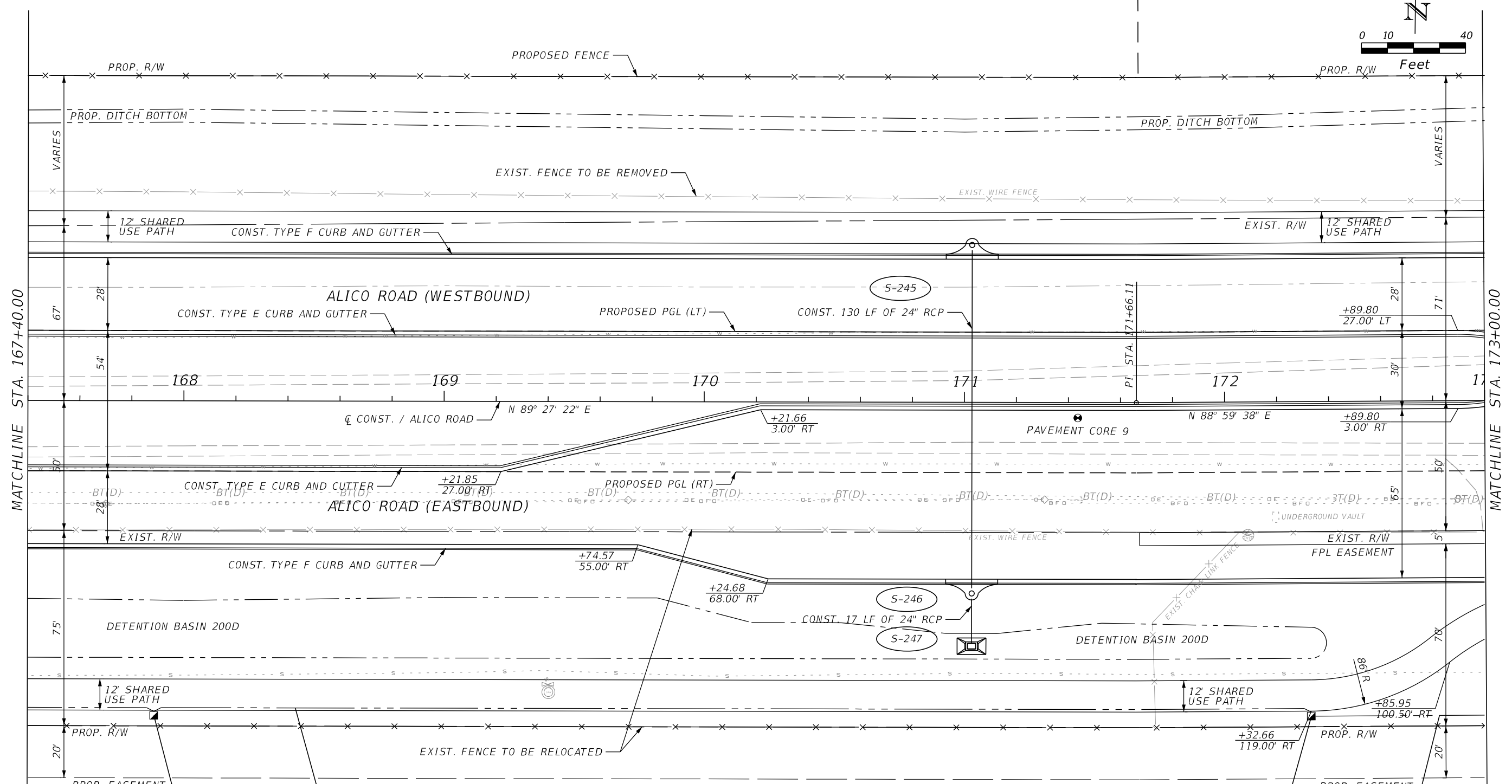
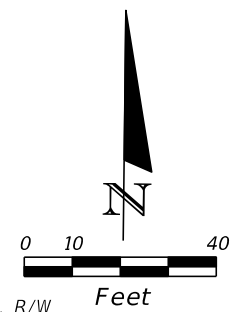
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

ROADWAY PLAN
ALICO ROAD
STA. 161+80 TO STA. 167+40

SHEET NO.
58



MATCHLINE STA. 167+40.00

MATCHLINE STA. 173+00.00

635-2-12 1 EA
STA. 167+88.65

630-2-11 445 LF
1-1/4" SDR 13.5 POLY
CONDUIT, 4 RUNS:
1-BLUE
1-ORANGE W/ LOCATE WIRE
1-GREEN SPARE
1-YELLOW

635-2-12 1 EA
STA. 172+32.68

630-2-11 85 LF
1-1/4" SDR 13.5 POLY
CONDUIT, 4 RUNS:
1-BLUE
1-ORANGE W/ LOCATE WIRE
1-GREEN SPARE
1-YELLOW

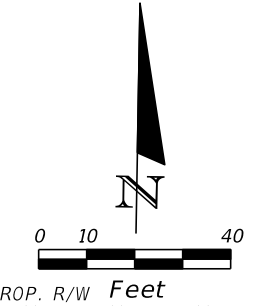
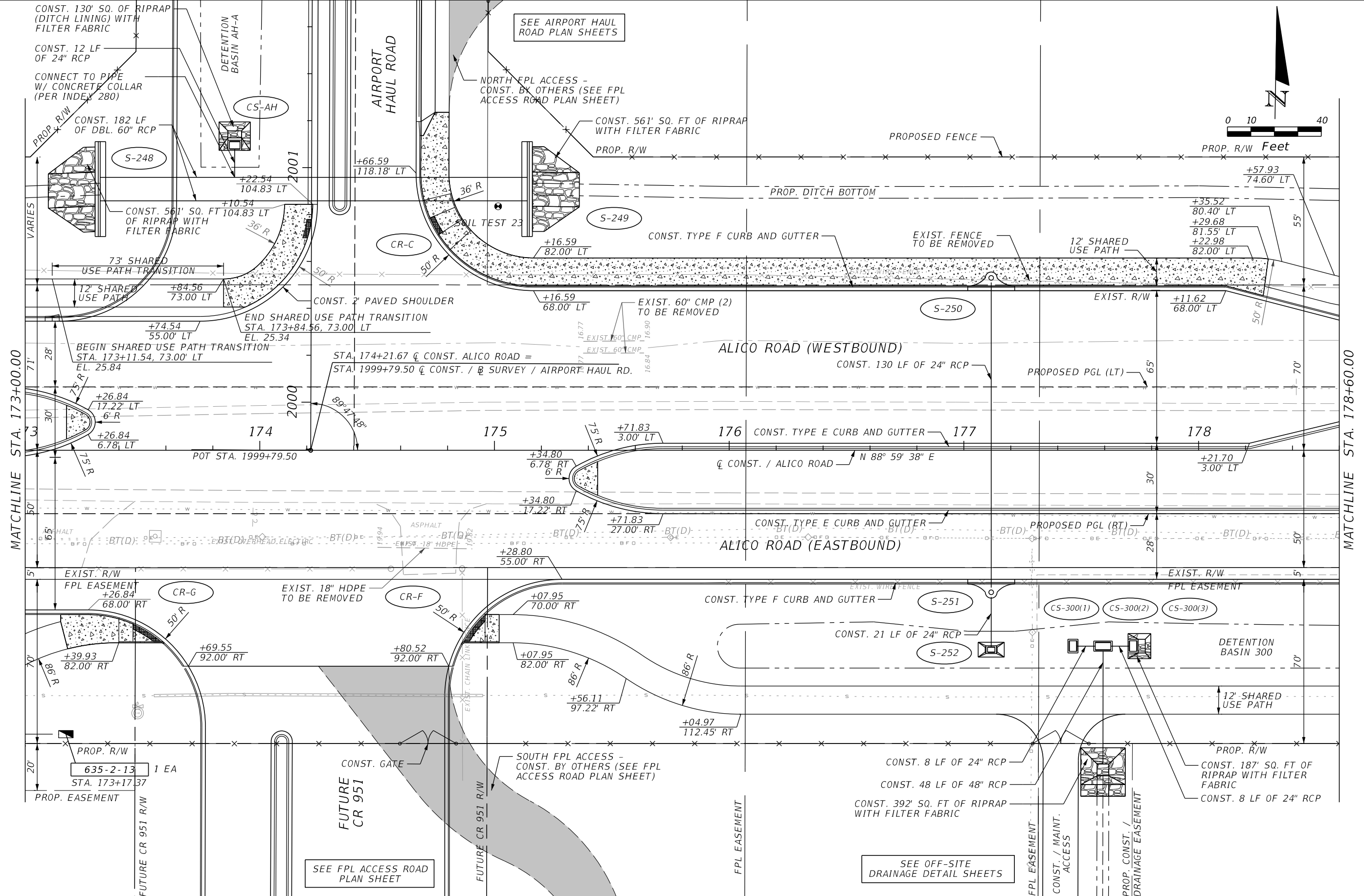
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON
ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

ROADWAY PLAN
ALICO ROAD
STA. 167+40 TO STA. 173+00

SHEET
NO.
59



MATCHLINE STA. 173+00.00

MATCHLINE STA. 178+60.00

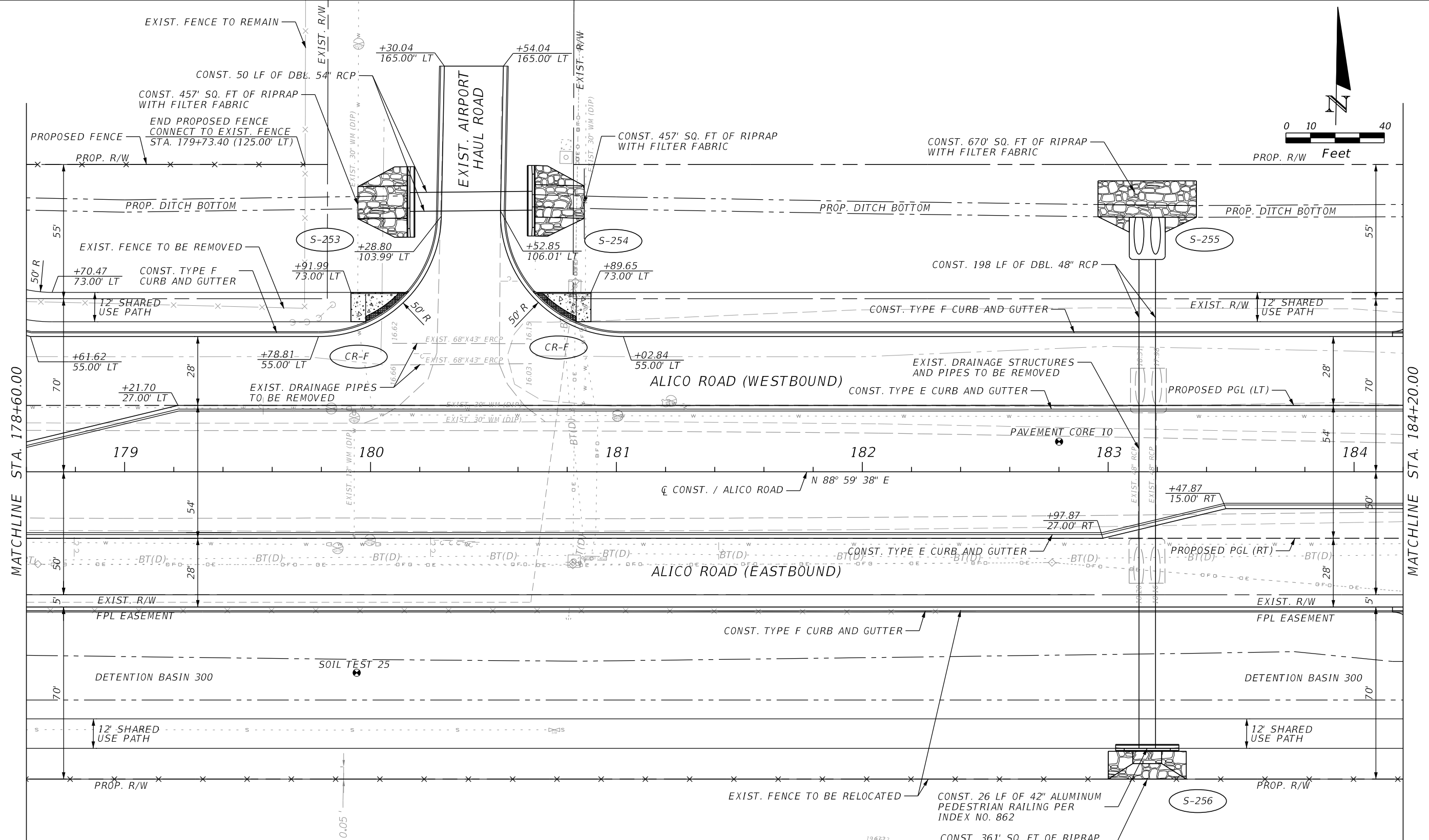
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

ROADWAY PLAN
ALICO ROAD
STA. 173+00 TO STA. 178+60

SHEET NO.
60



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

ROADWAY PLAN
ALICO ROAD
STA. 178+60 TO STA. 184+20

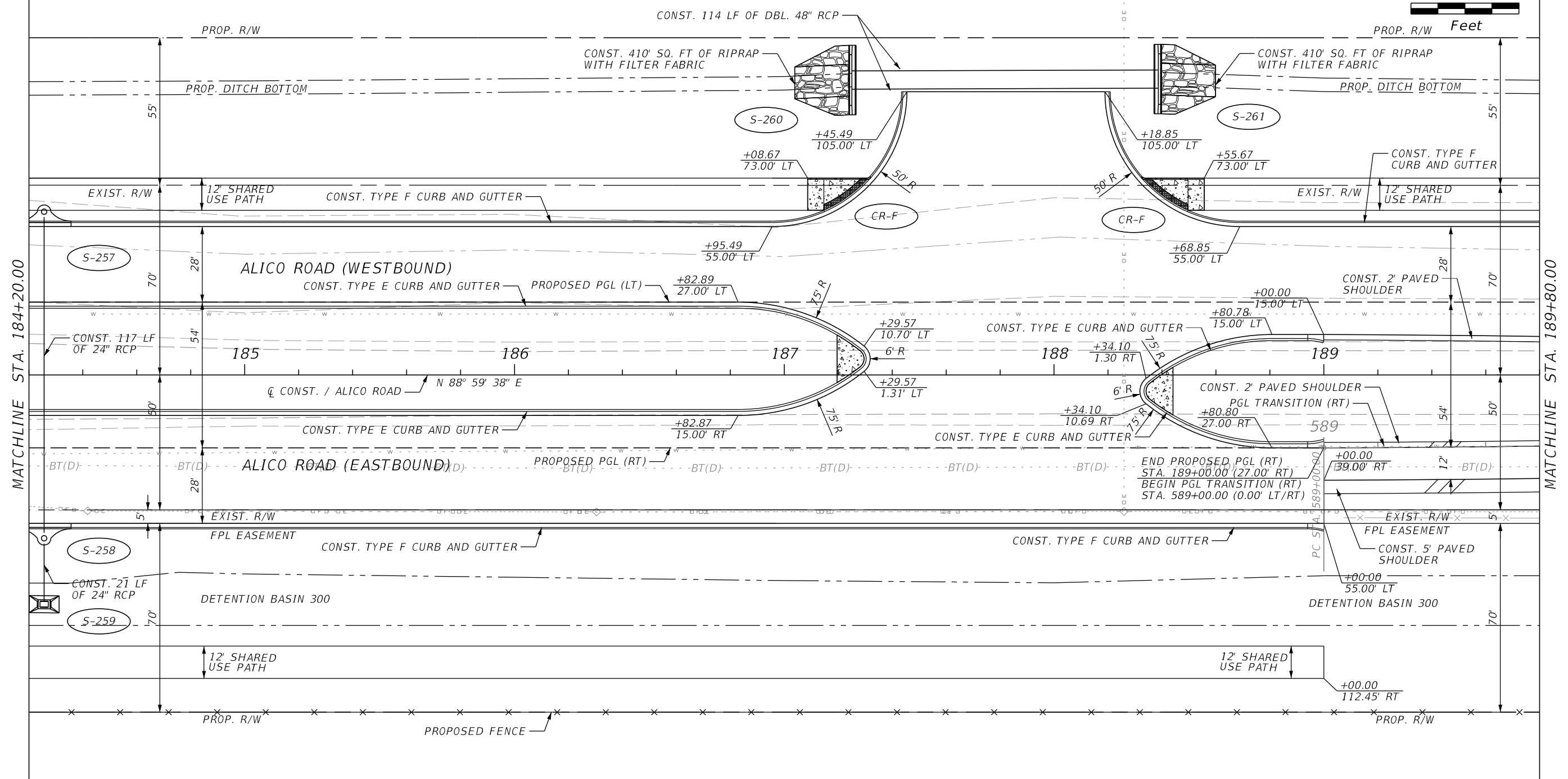
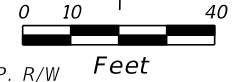
SHEET NO.
61

CURVE DATA PGL TRANSITION (LT)-1
 PI STA. = 491+14.50
 Δ = 3° 12' 59" (RT)
 D = 0° 45' 00"
 T = 214.50
 L = 428.88
 R = 7,640.00
 PC STA. = 489+00.00
 PT STA. = 493+28.88

CURVE DATA PGL TRANSITION (LT)-2
 PI STA. = 496+11.69
 Δ = 3° 39' 17" (LT)
 D = 1° 00' 00"
 T = 182.81
 L = 365.50
 R = 5,730.00
 PC STA. = 494+28.88
 PT STA. = 497+94.38

CURVE DATA PGL TRANSITION (RT)-1
 PI STA. = 590+92.04
 Δ = 2° 52' 47" (LT)
 D = 0° 45' 00"
 T = 192.04
 L = 384.00
 R = 7,640.00
 PC STA. = 589+00.00
 PT STA. = 592+84.00

CURVE DATA PGL TRANSITION (RT)-2
 PI STA. = 595+47.39
 Δ = 3° 16' 00" (RT)
 D = 1° 00' 00"
 T = 163.39
 L = 326.70
 R = 5,730.00
 PC STA. = 593+84.00
 PT STA. = 597+10.69



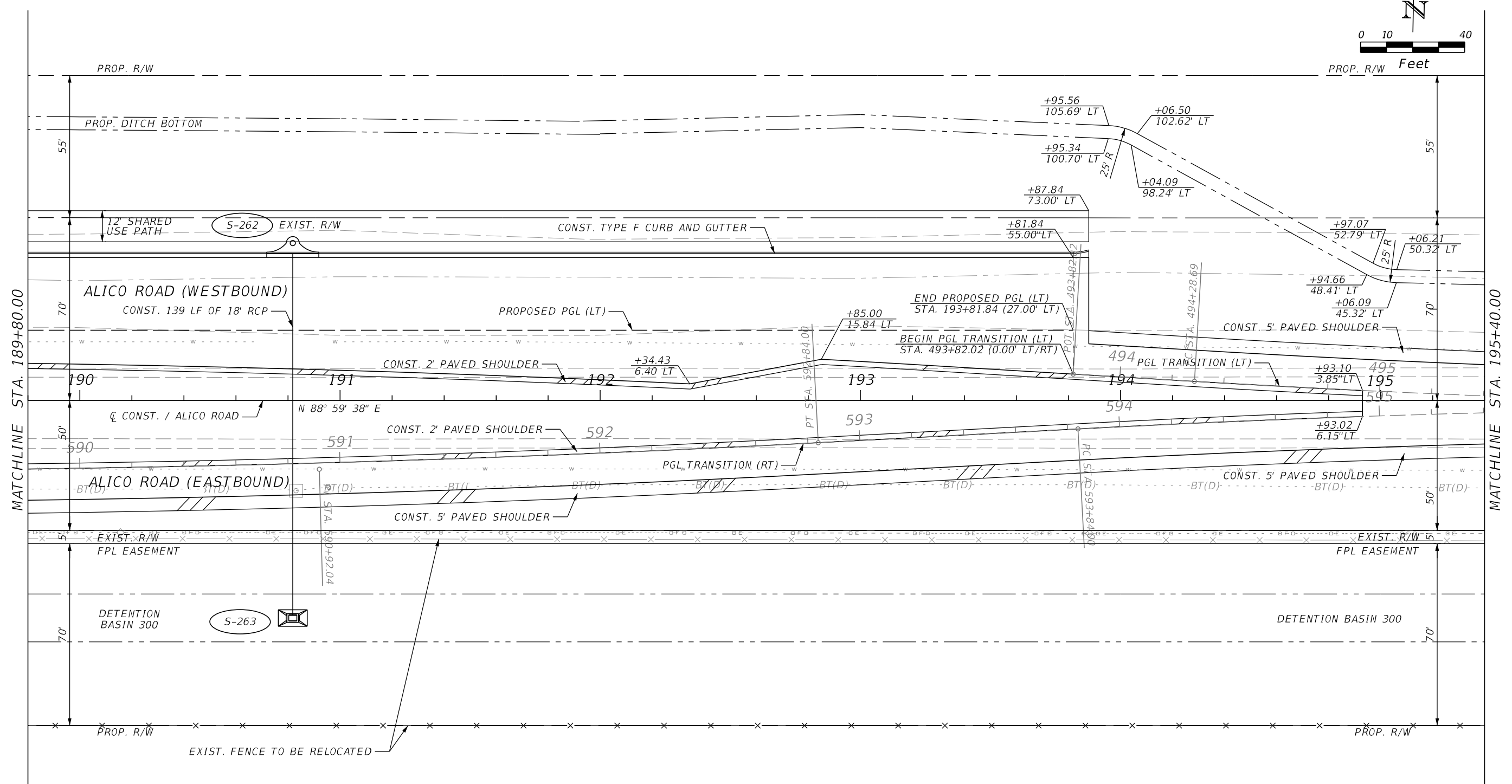
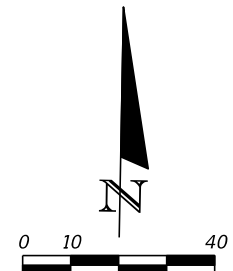
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

ROADWAY PLAN
ALICO ROAD
STA. 184+20 TO STA. 189+80

SHEET NO.
 62



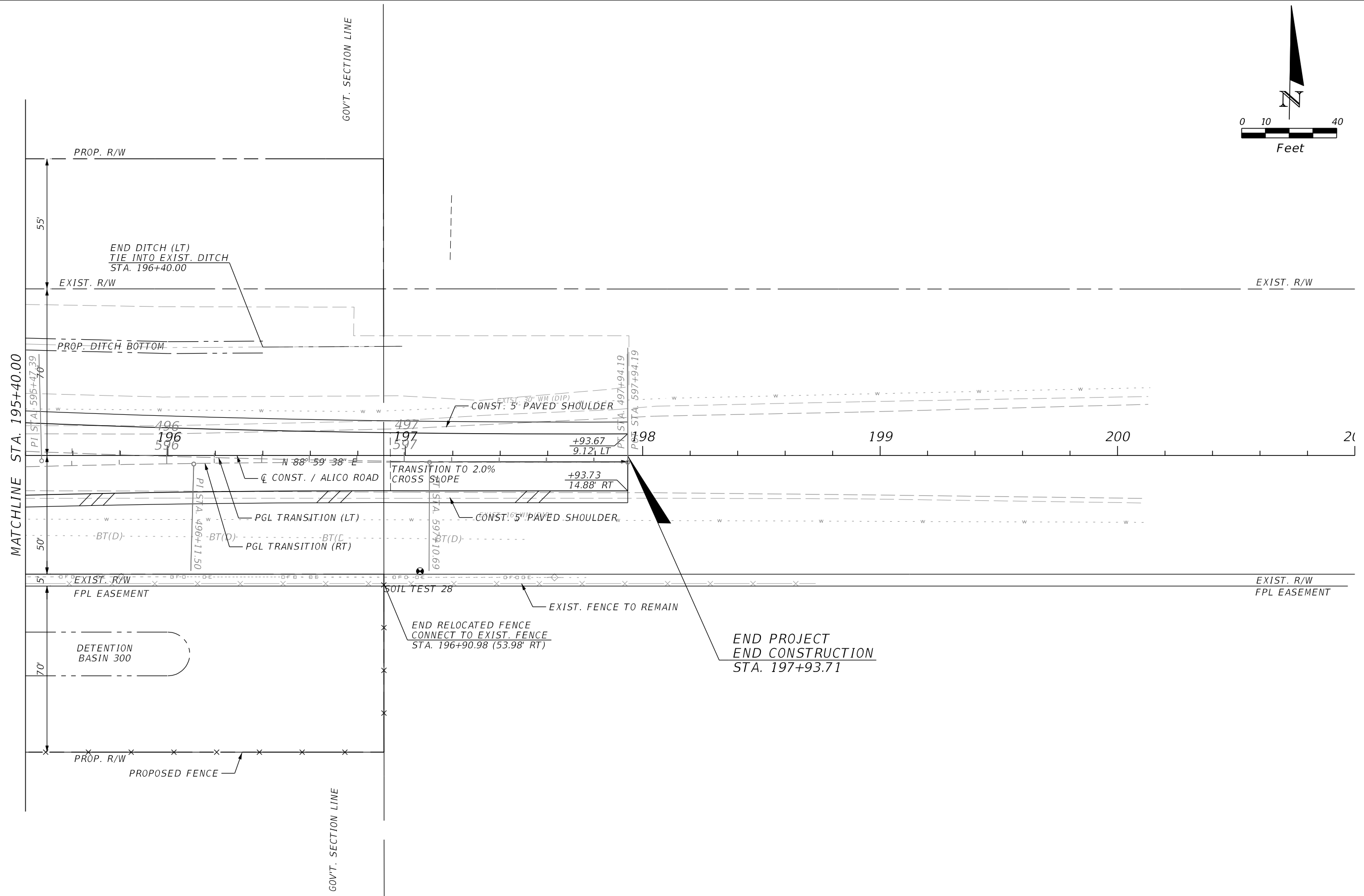
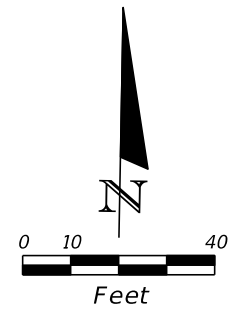
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

ROADWAY PLAN
ALICO ROAD
STA. 189+80 TO STA. 195+40

SHEET NO.
 63



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

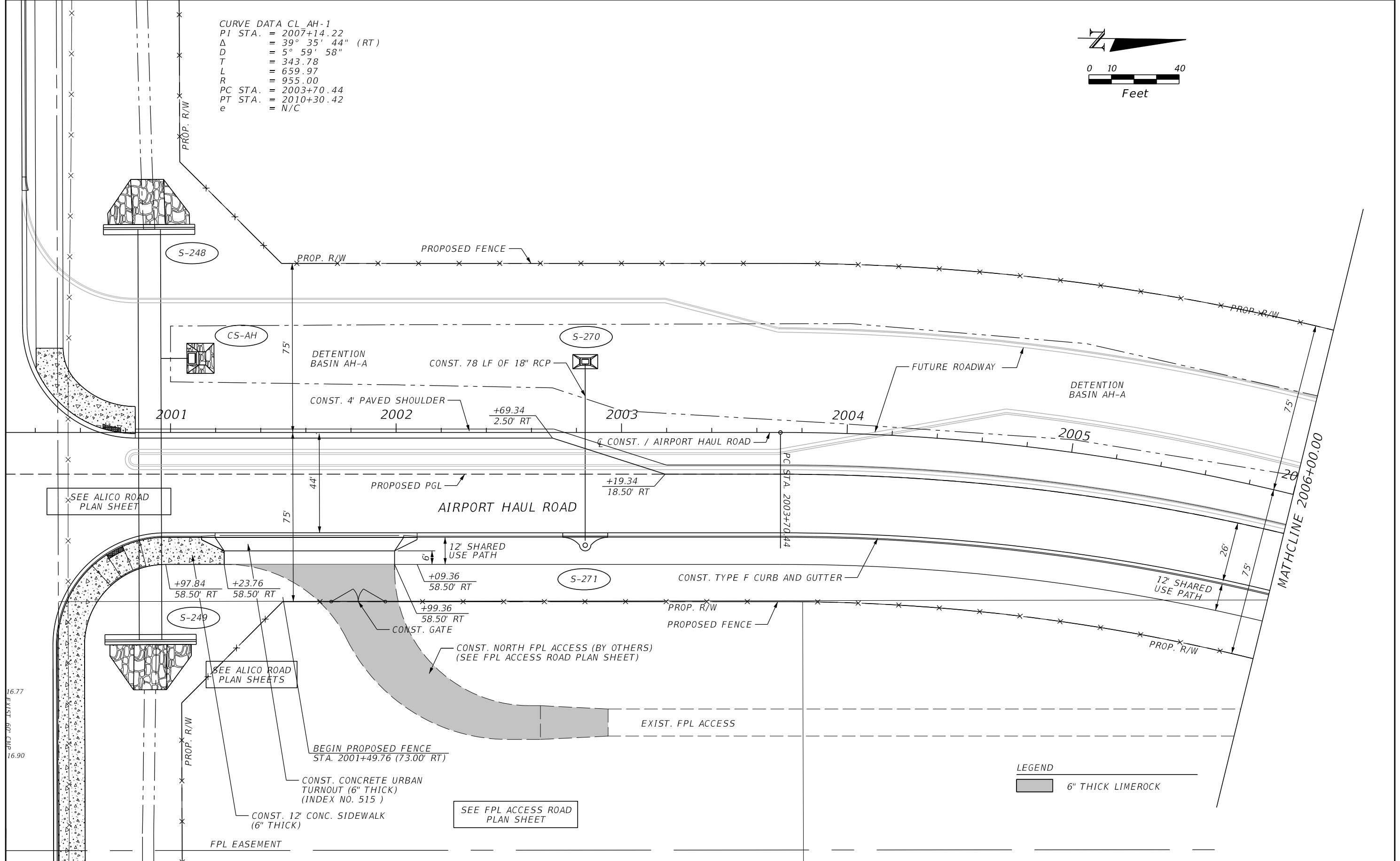
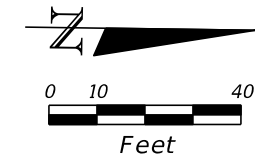
JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

ROADWAY PLAN
ALICO ROAD
STA. 195+40 TO STA. 201+00

SHEET NO.
64

CURVE DATA CL AH-1
 PI STA. = 2007+14.22
 Δ = 39° 35' 44" (RT)
 D = 5° 59' 58"
 T = 343.78
 L = 659.97
 R = 955.00
 PC STA. = 2003+70.44
 PT STA. = 2010+30.42
 e = N/C



SEE ALICO ROAD
PLAN SHEET

SEE ALICO ROAD
PLAN SHEETS

SEE FPL ACCESS
PLAN SHEET

LEGEND
 [Shaded Box] 6" THICK LIMEROCK

REVISIONS	
DATE	DESCRIPTION

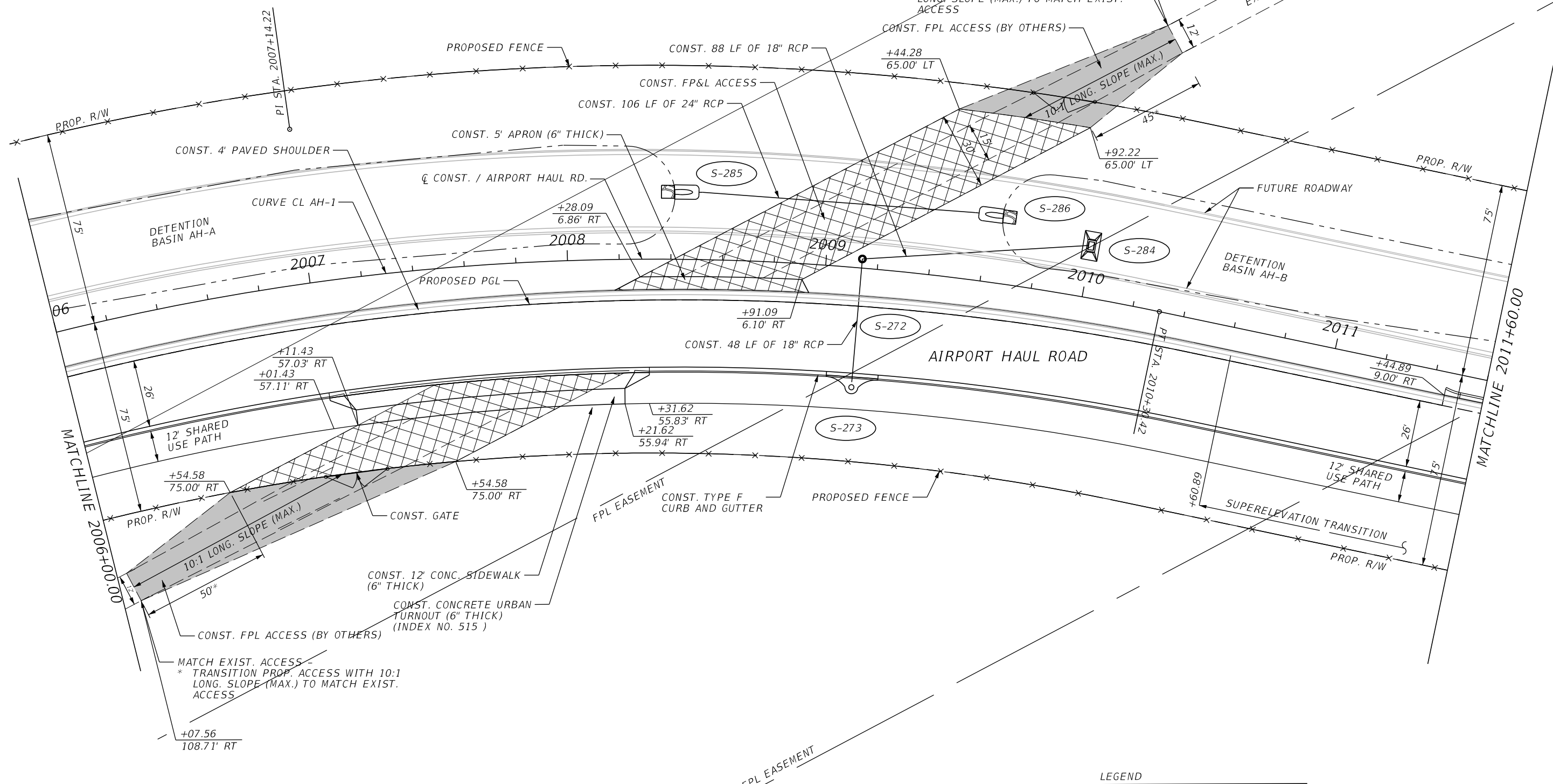
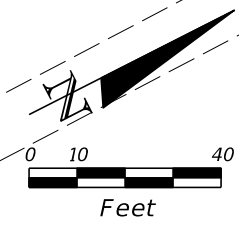
JOHNSON
ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

ROADWAY PLAN
AIRPORT HAUL ROAD
STA. 2001+20 TO STA. 2006+00

SHEET
NO.
65

CURVE DATA CL AH-1
 PI STA. = 2007+14.22
 Δ = 39° 35' 44" (RT)
 D = 5° 59' 58"
 T = 343.78
 L = 659.97
 R = 955.00
 PC STA. = 2003+70.44
 PT STA. = 2010+30.42
 e = N/C



LEGEND

	STABILIZATION SG (LBR 70)
	6" THICK LIMEROCK

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

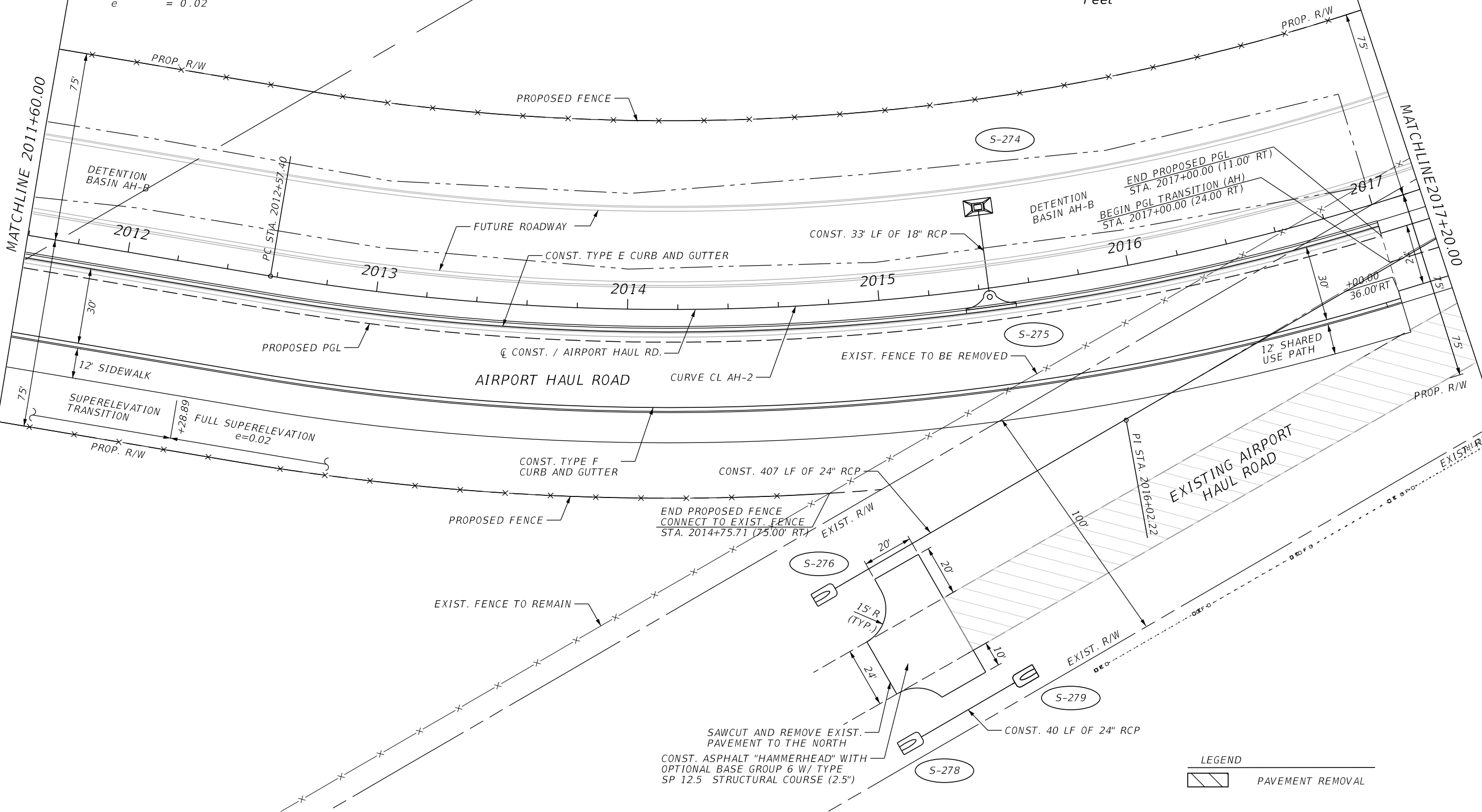
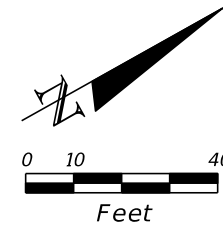
JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

ROADWAY PLAN
AIRPORT HAUL ROAD
STA. 2006+00 TO STA. 2011+60

SHEET NO.
 66

CURVE DATA CL AH-2
 PI STA. = 2016+02.22
 Δ = 39° 42' 22" (LT)
 D = 5° 59' 58"
 T = 344.82
 L = 661.81
 R = 955.00
 PC STA. = 2012+57.40
 PT STA. = 2019+19.21
 e = 0.02



LEGEND
 PAVEMENT REMOVAL

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

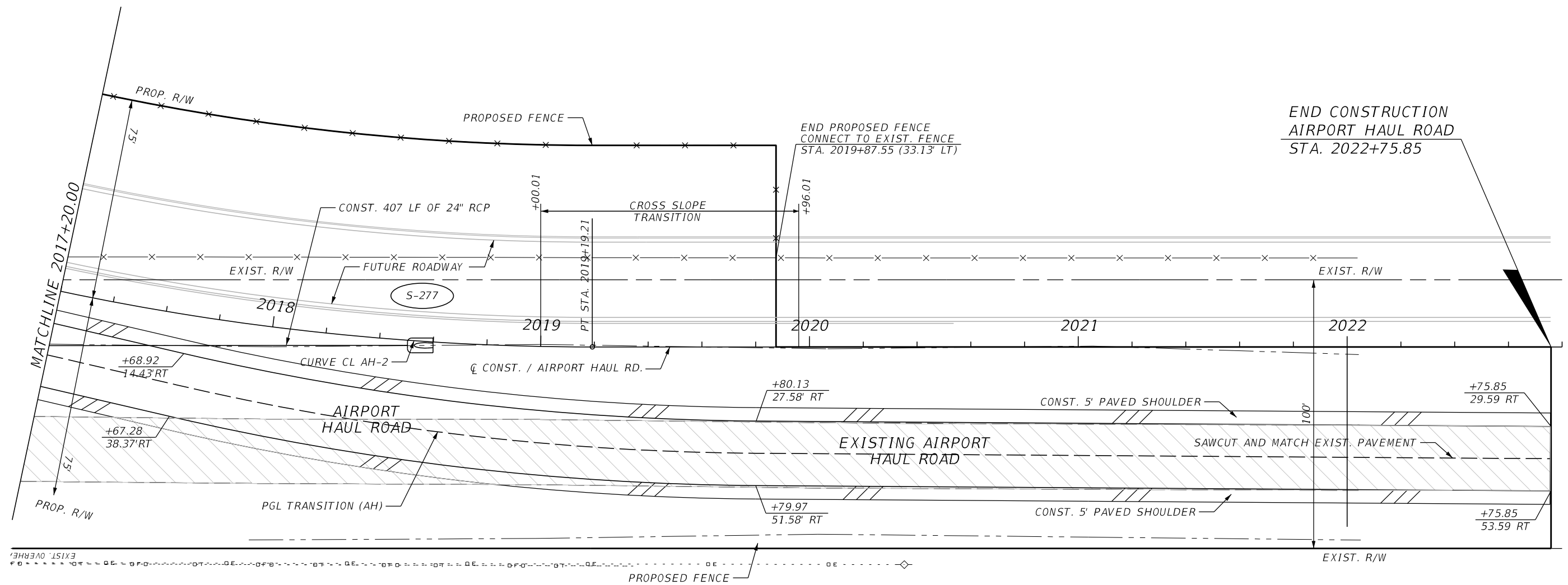
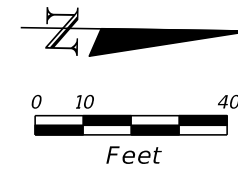
JOHNSON
 ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

ROADWAY PLAN
AIRPORT HAUL ROAD
STA. 2011+60 TO STA. 2017+20

SHEET
NO.
67

CURVE DATA CL_AH-2
 PI STA. = 2016+02.22
 Δ = 39° 42' 22" (LT)
 D = 5° 59' 58"
 T = 344.82
 L = 661.81
 R = 955.00
 PC STA. = 2012+57.40
 PT STA. = 2019+19.21
 e = 0.02



LEGEND
 PAVEMENT REMOVAL

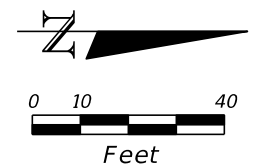
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON
 ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

ROADWAY PLAN
AIRPORT HAUL ROAD
STA. 2017+20 TO STA. 2022+80

SHEET NO.
 68



BEGIN PROJECT
BEGIN CONSTRUCTION
STA. 135+50.00

ALICO ROAD

BEN HILL GRIFFIN PARKWAY

SEE ALICO ROAD
PLAN SHEET

PI STA. 85+31.26

+35.45
81.48' LT
3.75' R
+42.95
81.48' LT

+16.48
314.64' LT
+28.99
314.64' LT

CONST. TYPE E CURB AND GUTTER
MATCH EXISTING

CONST. TYPE IV CONC.
TRAFFIC SEPARATOR

+35.37
283.33' LT
+42.87
283.33' LT

EXIST. 12" FM PVC

EXIST. SIDEWALK

86

87

ALICO ROAD

LEGEND

- 2.5" MILLING & RESURFACING
- WIDENING
- 1.5" MILLING & RESURFACING

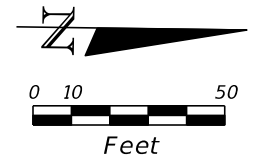
REVISIONS	
DATE	DESCRIPTION

JOHNSON
ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

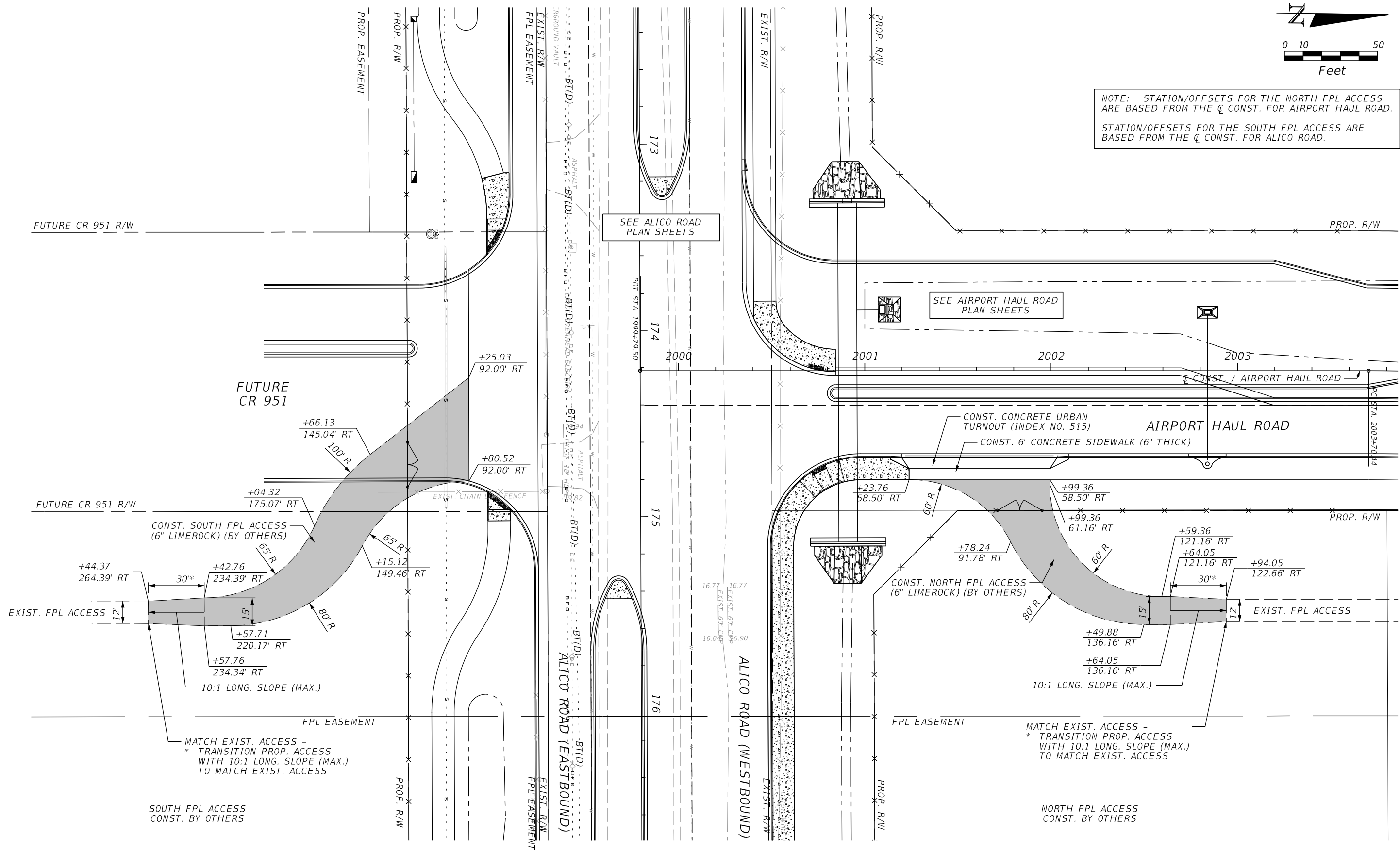
LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

ROADWAY PLAN
BEN HILL GRIFFIN PKWY

SHEET NO.
69



NOTE: STATION/OFFSETS FOR THE NORTH FPL ACCESS ARE BASED FROM THE \bar{C} CONST. FOR AIRPORT HAUL ROAD.
 STATION/OFFSETS FOR THE SOUTH FPL ACCESS ARE BASED FROM THE \bar{C} CONST. FOR ALICO ROAD.



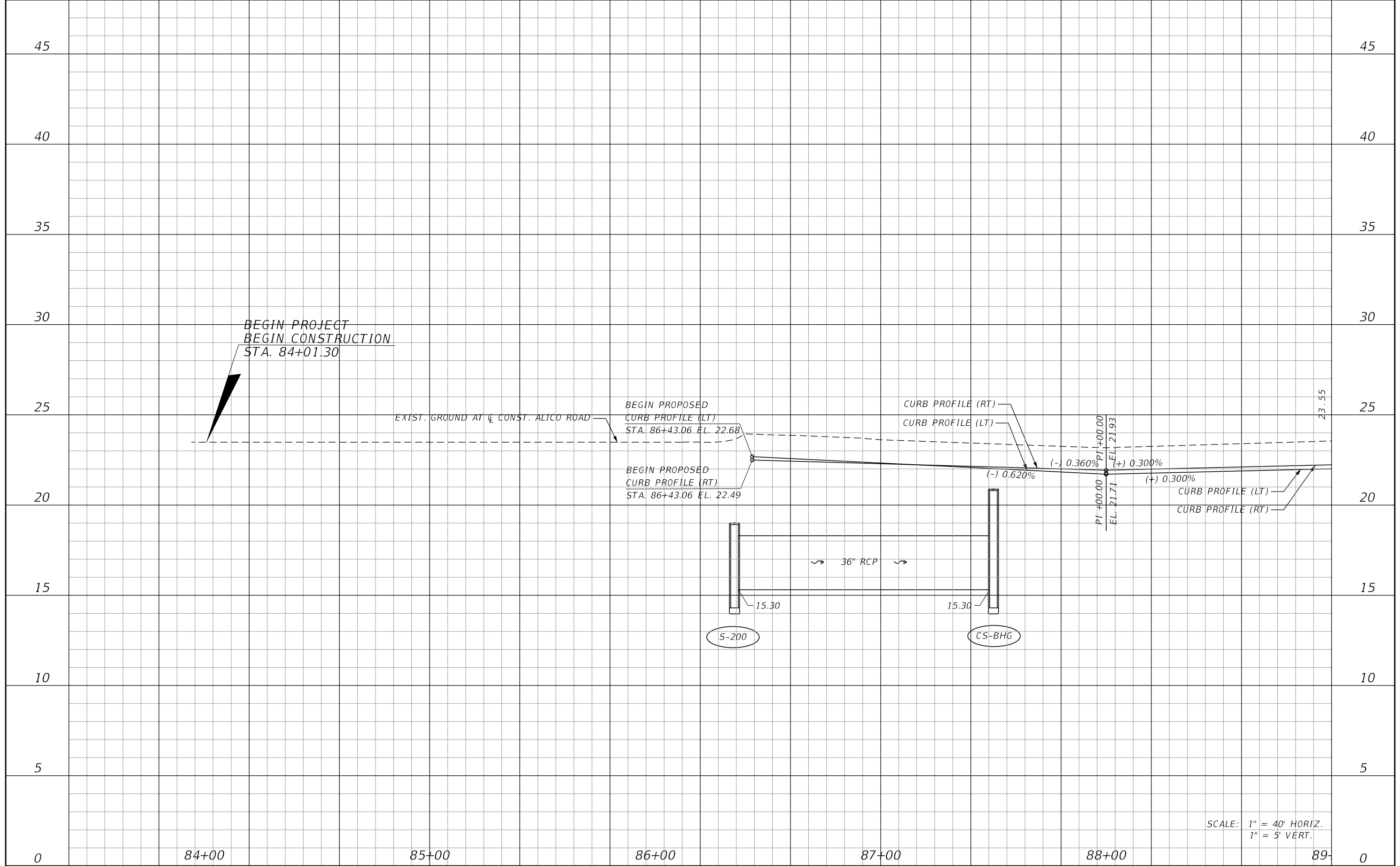
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

ROADWAY PLAN
FPL ACCESS ROAD

SHEET NO.
 70



SCALE: 1" = 40' HORIZ.
1" = 5' VERT.

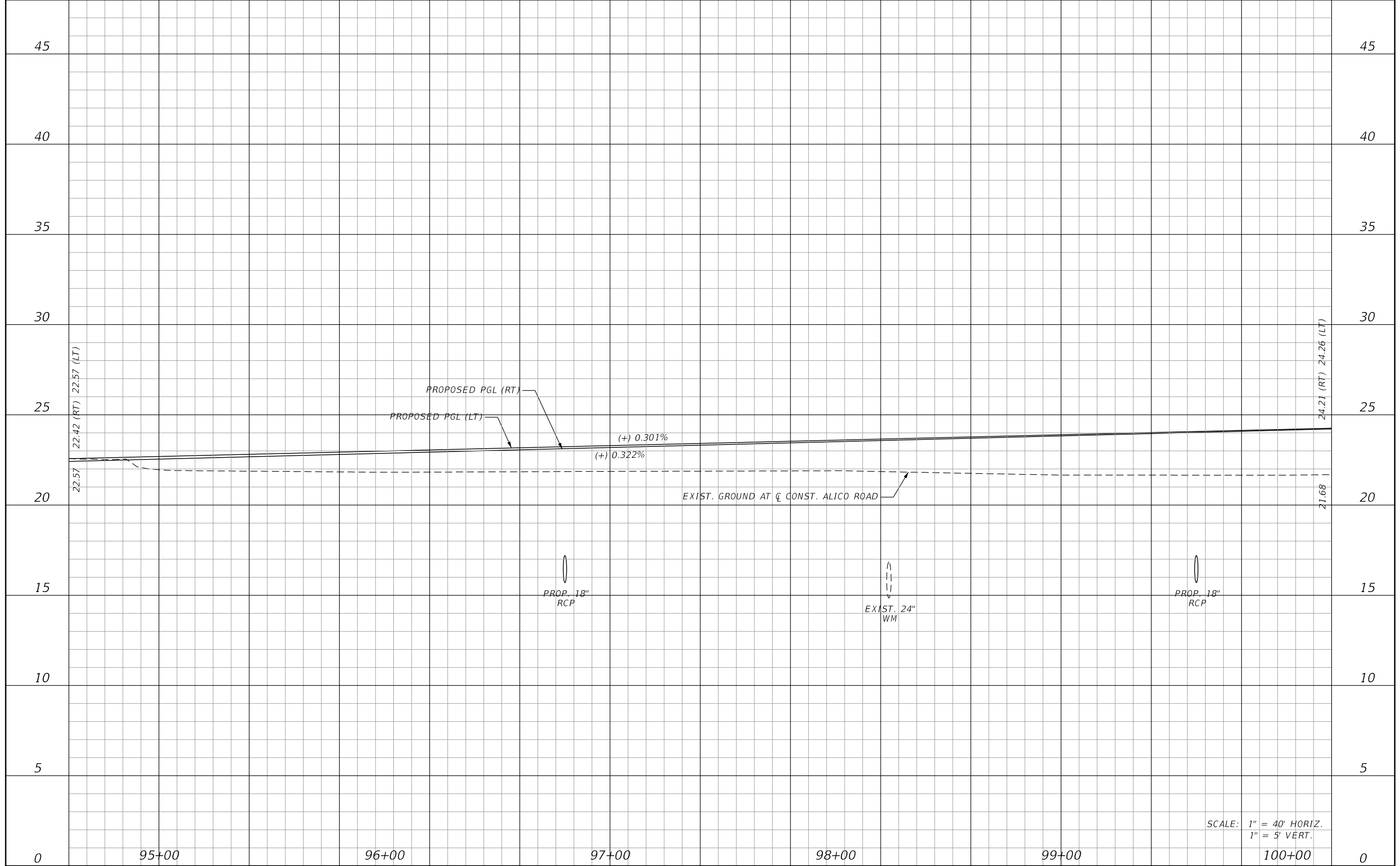
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

ROADWAY PROFILE
ALICO ROAD
STA. 83+40 TO STA. 89+00

SHEET NO.
71



SCALE: 1" = 40' HORIZ.
1" = 5' VERT.

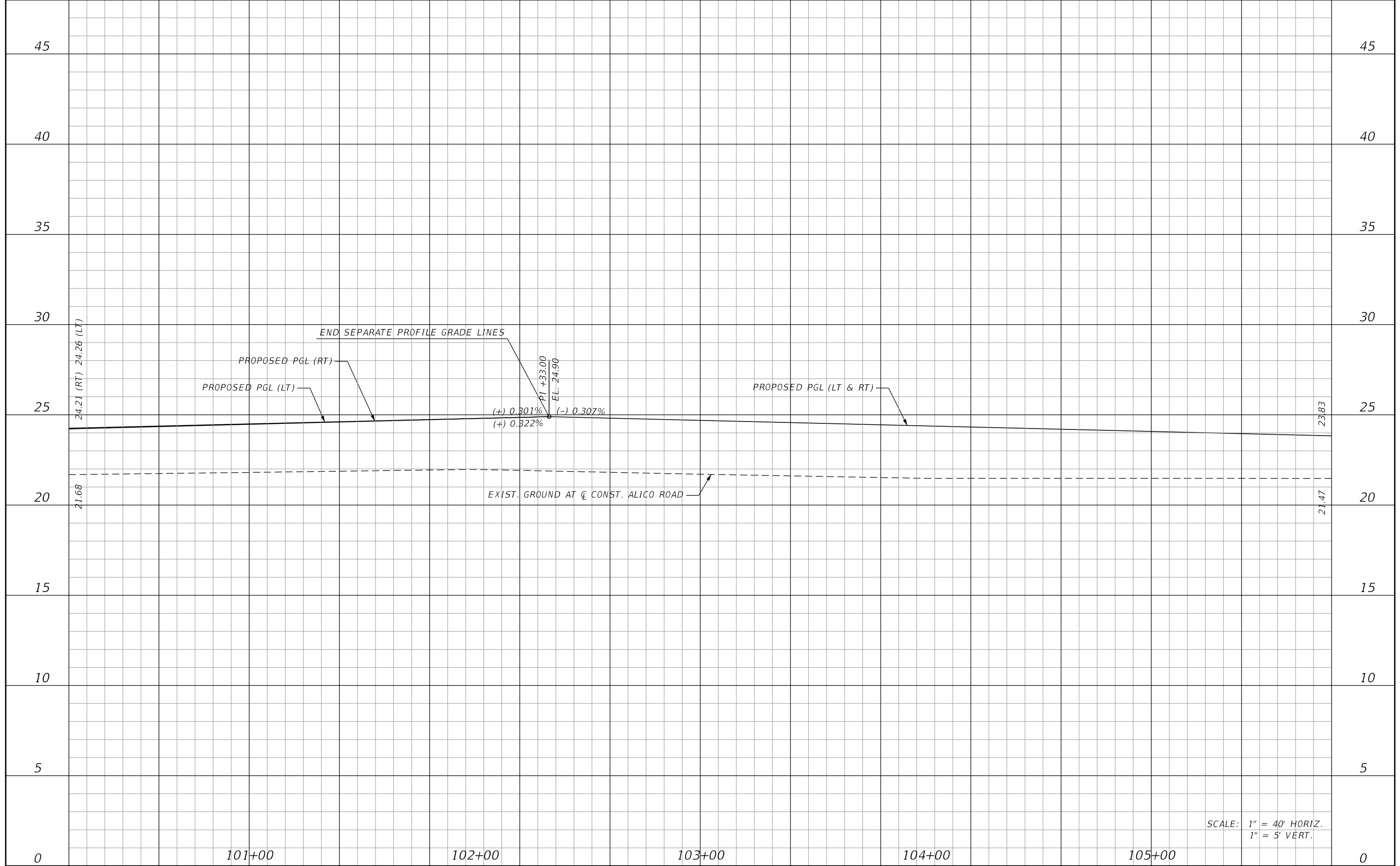
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON
ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

ROADWAY PROFILE
ALICO ROAD
STA. 94+06 TO STA. 100+20

SHEET NO.
73



SCALE: 1" = 40' HORIZ.
1" = 5' VERT.

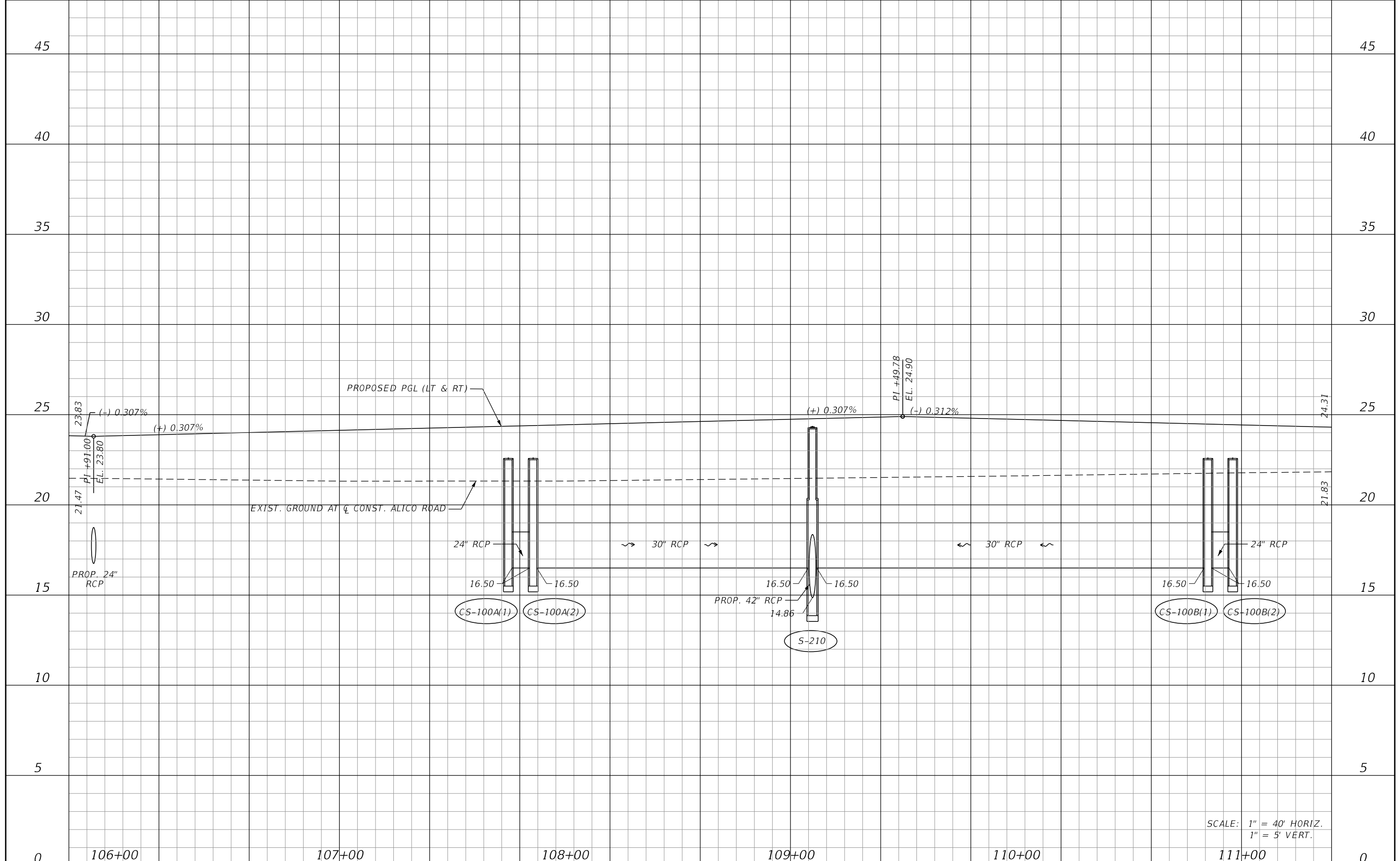
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON
ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

ROADWAY PROFILE
ALICO ROAD
STA. 100+20 TO STA. 105+80

SHEET NO.
74



SCALE: 1" = 40' HORIZ.
1" = 5' VERT.

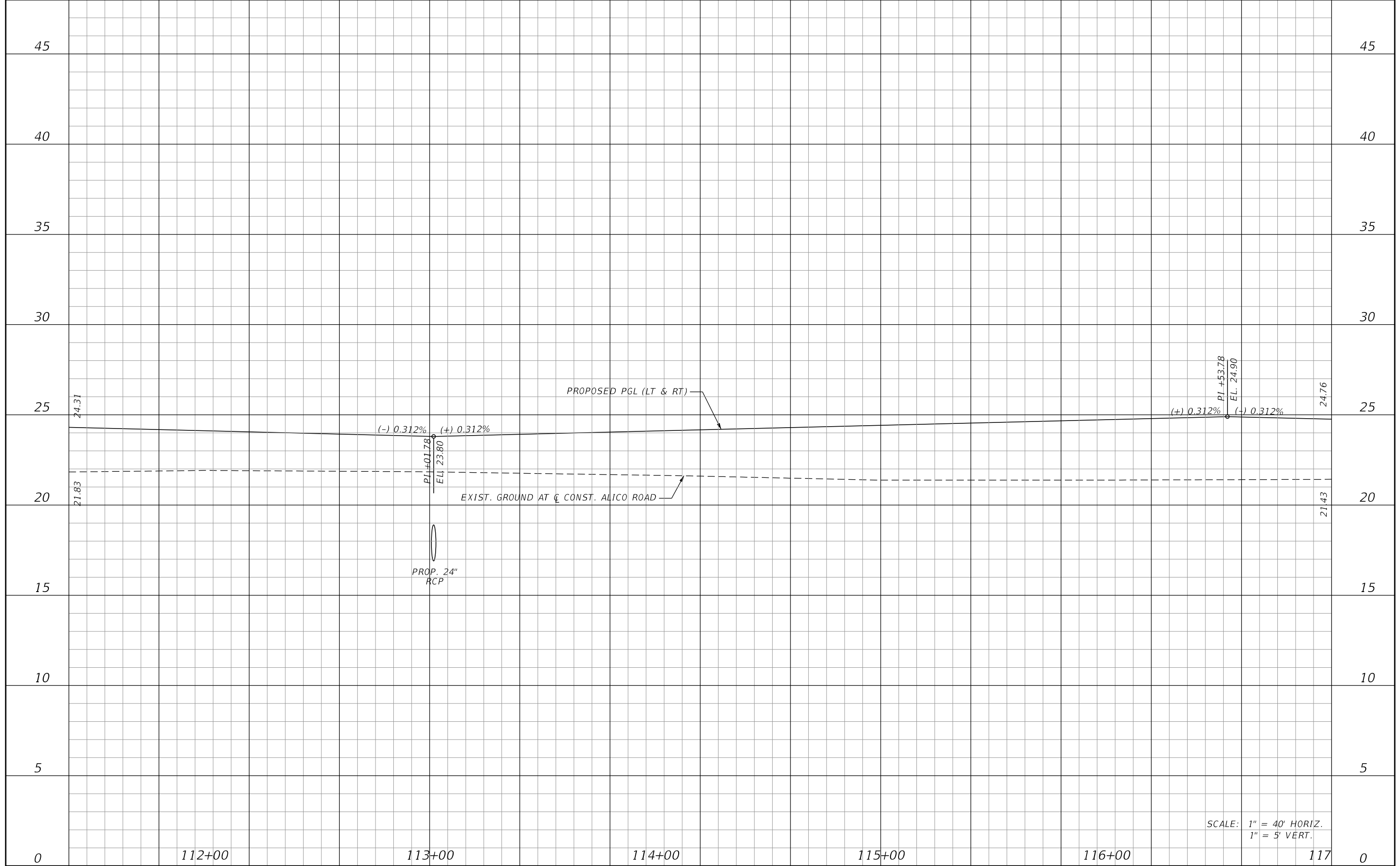
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

ROADWAY PROFILE
ALICO ROAD
STA. 105+80 TO STA. 111+40

SHEET NO.
75



SCALE: 1" = 40' HORIZ.
1" = 5' VERT.

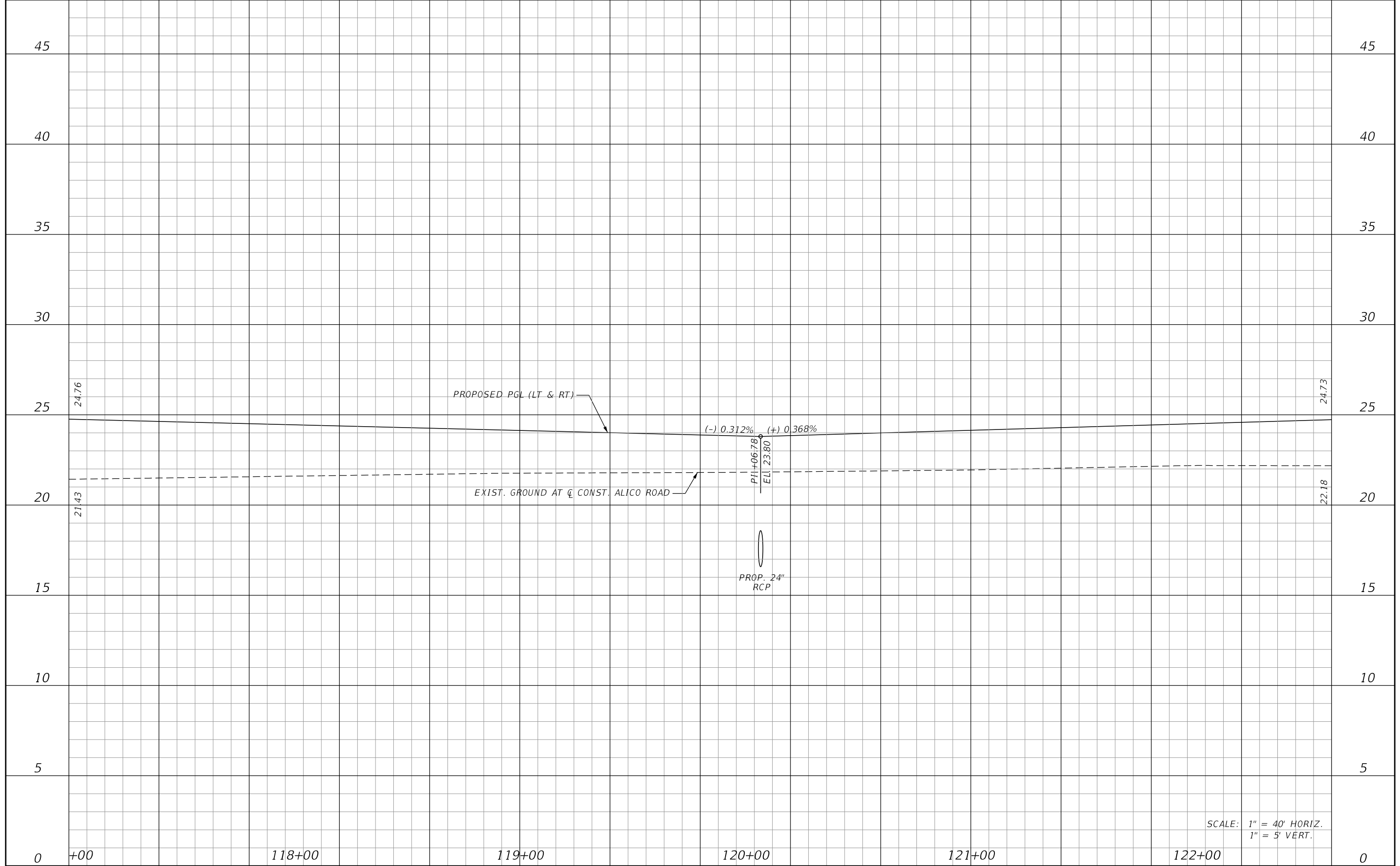
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

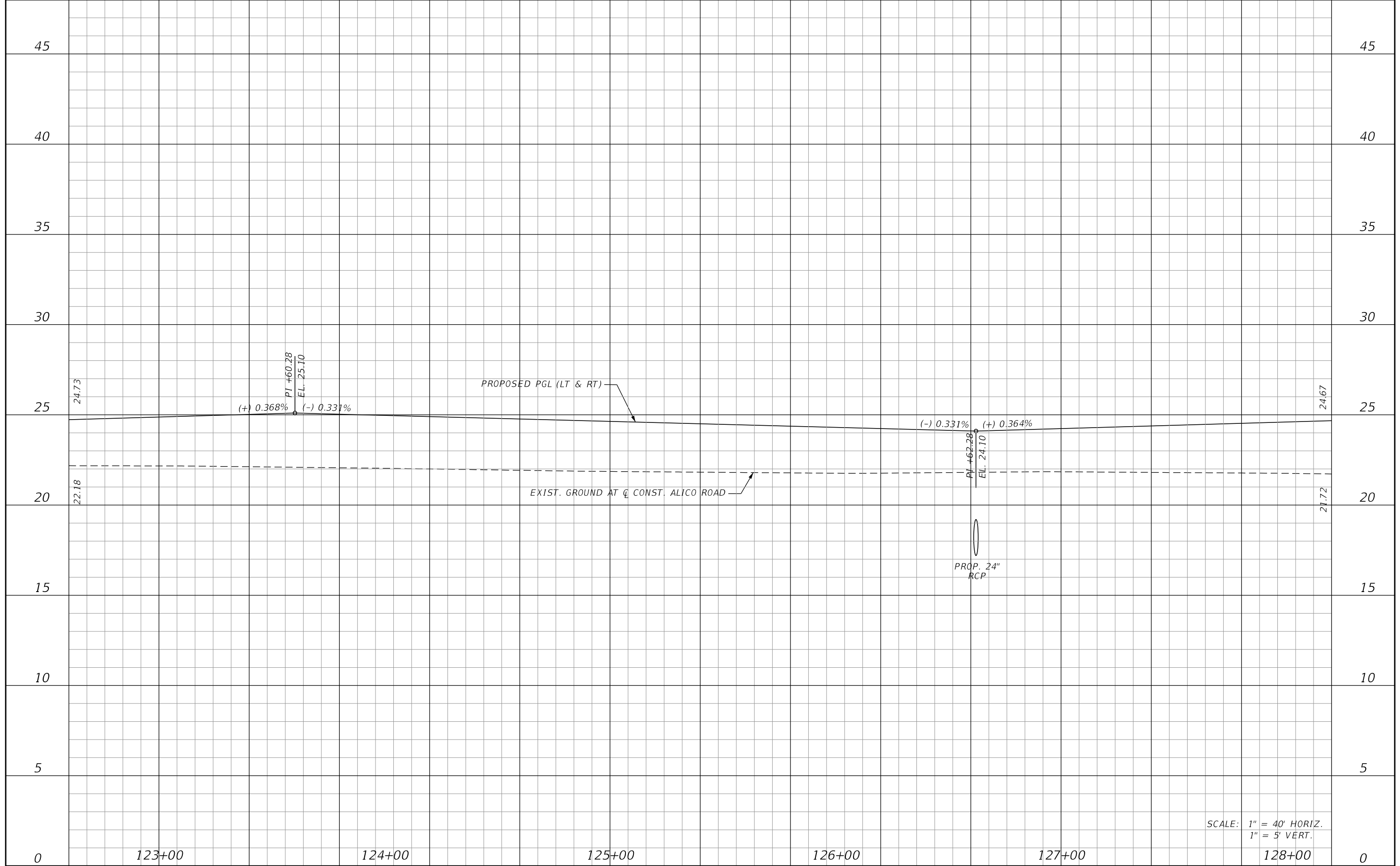
ROADWAY PROFILE
ALICO ROAD
STA. 111+40 TO STA. 117+00

SHEET NO.
76



SCALE: 1" = 40' HORIZ.
1" = 5' VERT.

DATE		DESCRIPTION		REVISIONS		DATE		DESCRIPTION		JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY DEPARTMENT OF TRANSPORTATION			ROADWAY PROFILE ALICO ROAD STA. 117+00 TO STA. 122+60	SHEET NO. 77
											ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
											LEE				



SCALE: 1" = 40' HORIZ.
1" = 5' VERT.

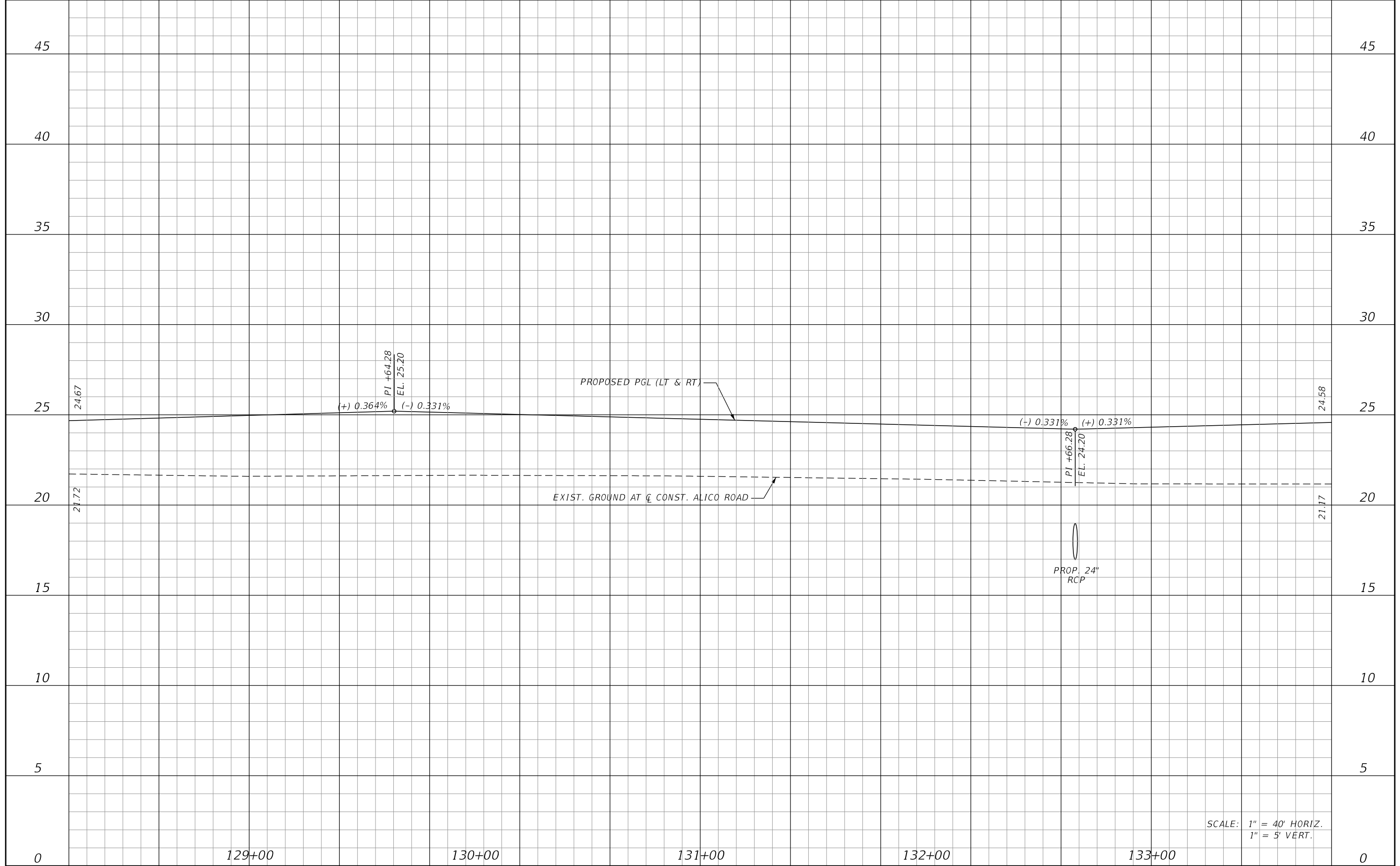
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

ROADWAY PROFILE
ALICO ROAD
STA. 122+60 TO STA. 128+20

SHEET NO.
78



SCALE: 1" = 40' HORIZ.
1" = 5' VERT.

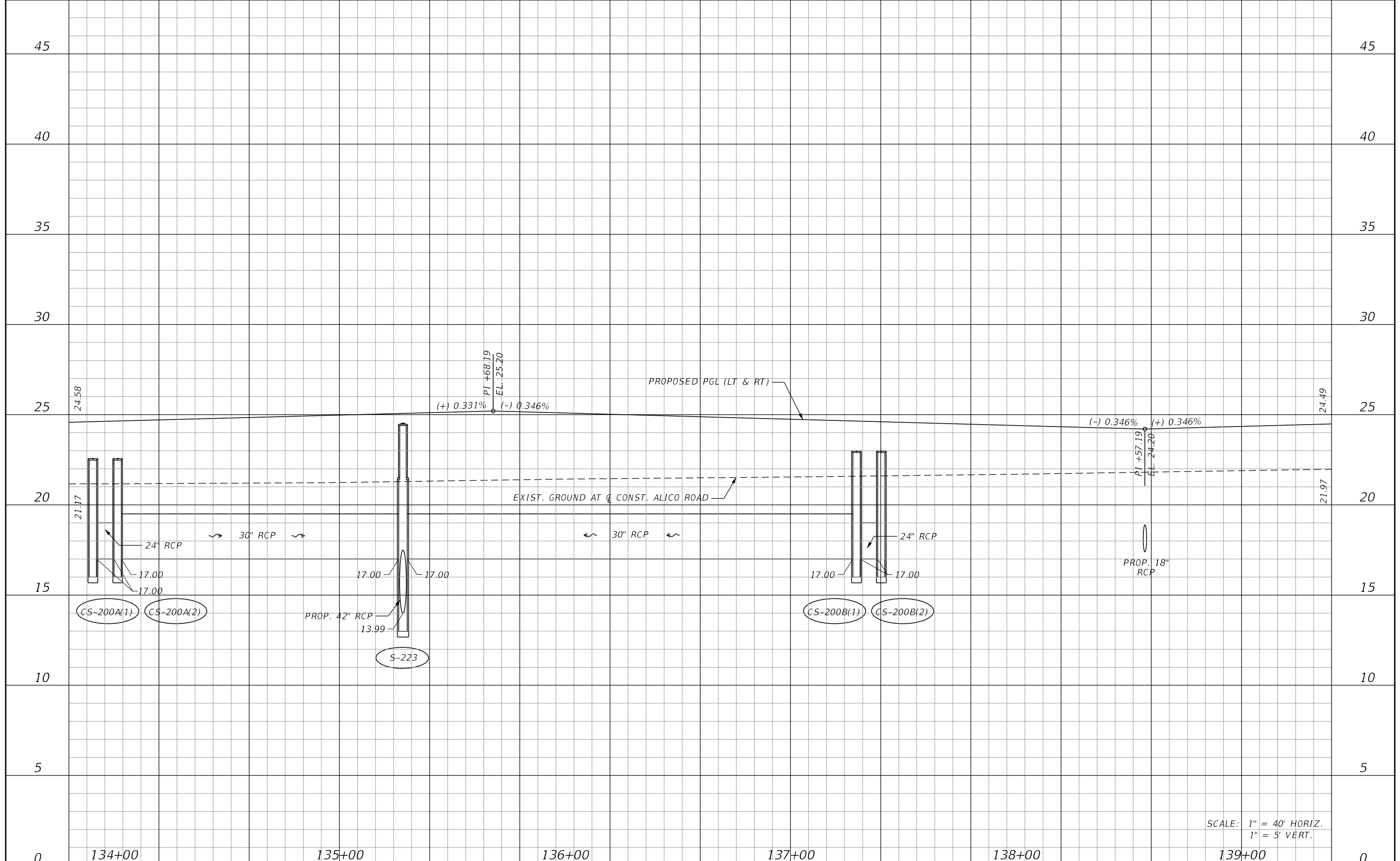
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON
ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

ROADWAY PROFILE
ALICO ROAD
STA. 128+20 TO STA. 133+80

SHEET NO.
79



SCALE: 1" = 40' HORIZ.
1" = 5' VERT.

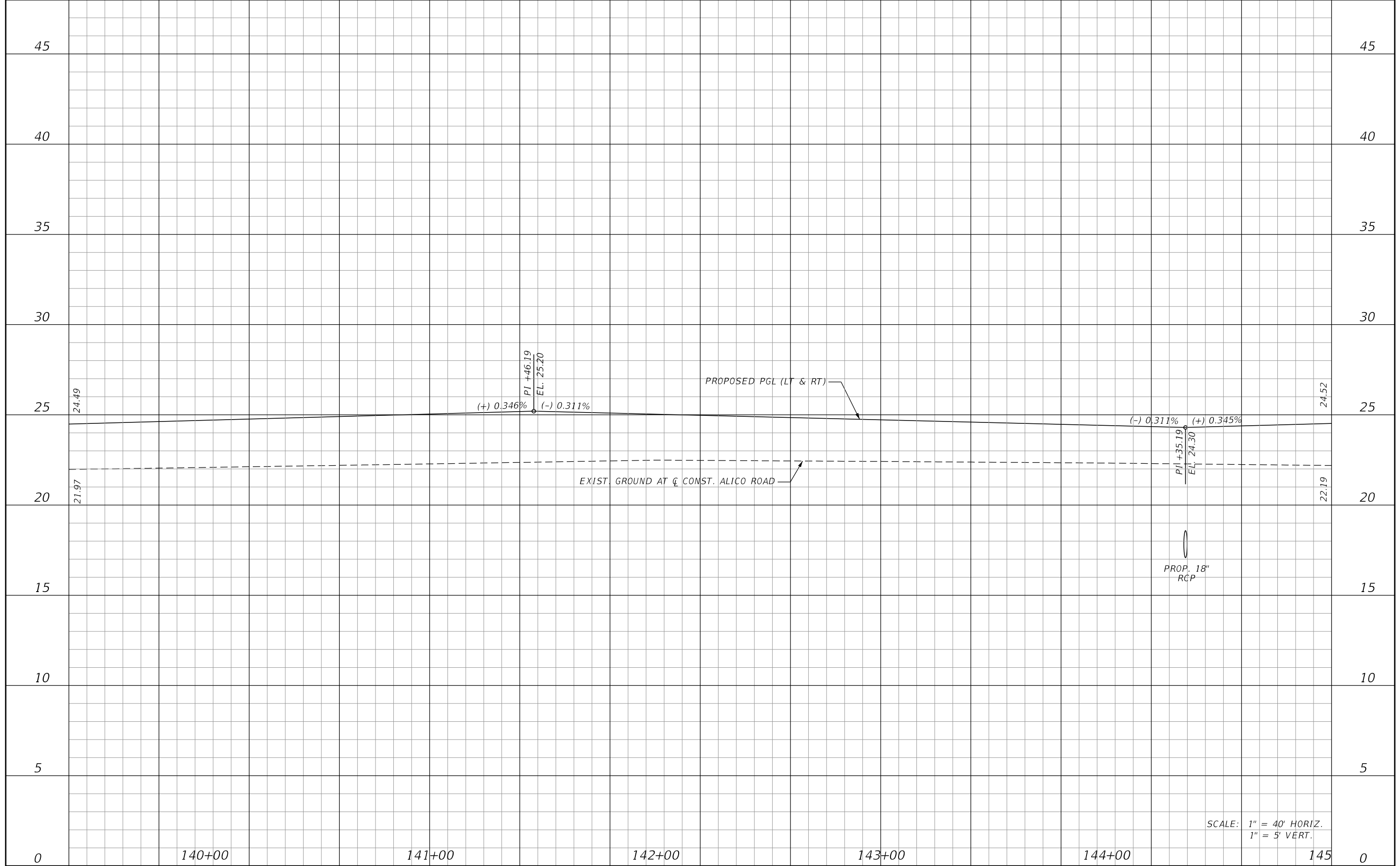
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

ROADWAY PROFILE
ALICO ROAD
STA. 133+80 TO STA. 139+40

SHEET NO.
80



SCALE: 1" = 40' HORIZ.
1" = 5' VERT.

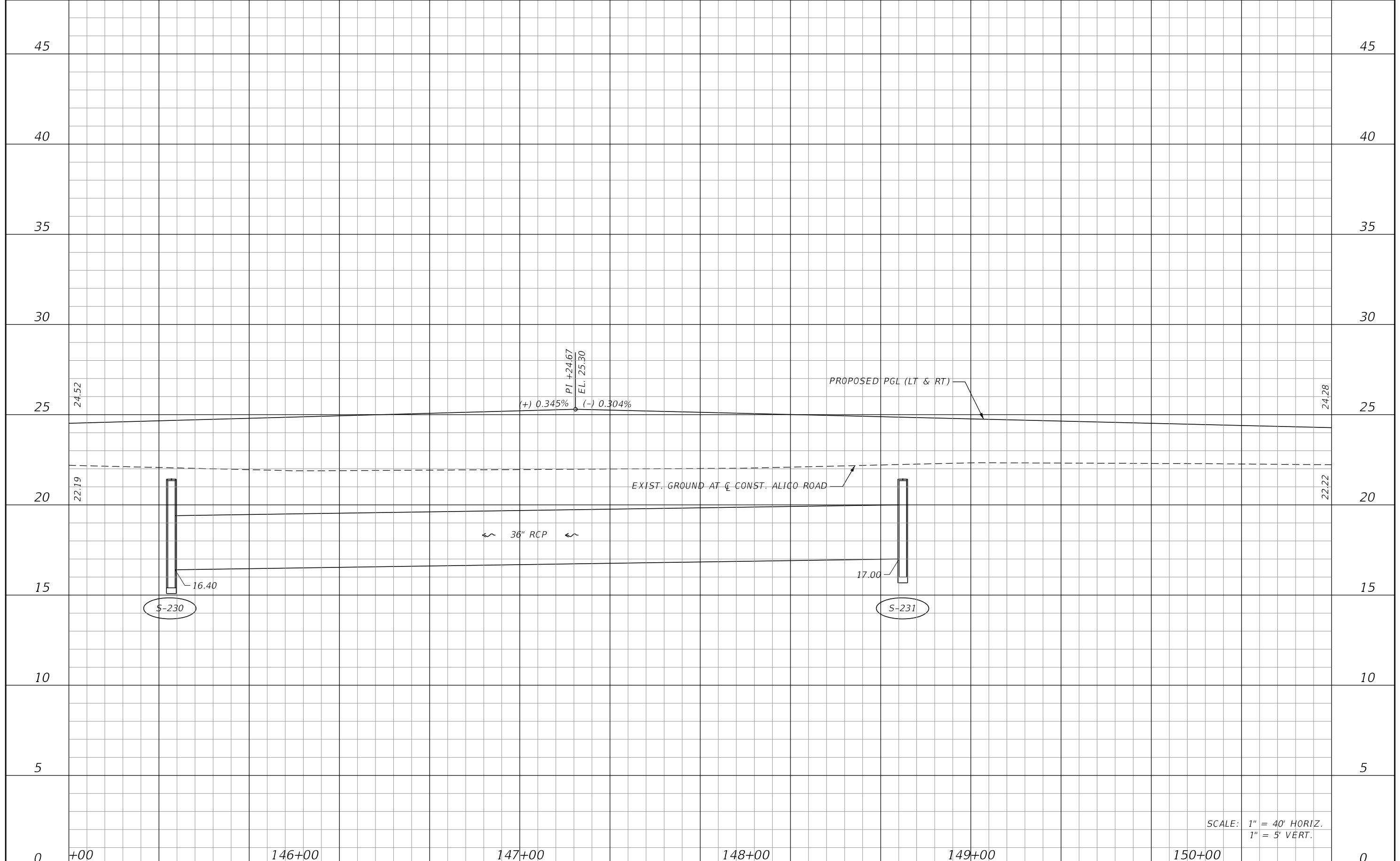
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

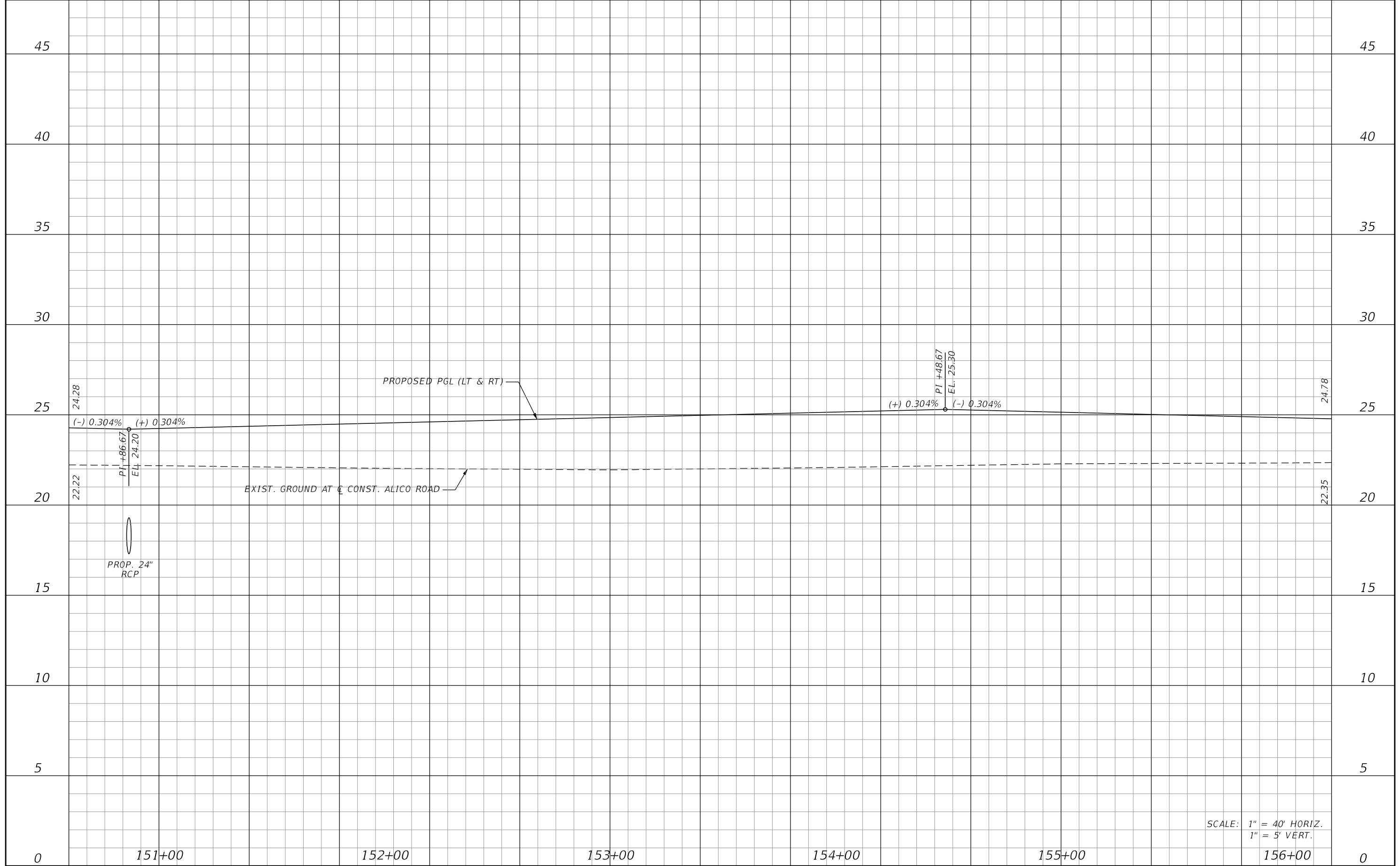
ROADWAY PROFILE
ALICO ROAD
STA. 139+40 TO STA. 145+00

SHEET NO.
81



SCALE: 1" = 40' HORIZ.
1" = 5' VERT.

DATE		DESCRIPTION		REVISIONS		DATE		DESCRIPTION		JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY DEPARTMENT OF TRANSPORTATION			ROADWAY PROFILE ALICO ROAD STA. 145+00 TO STA. 150+60	SHEET NO. 82
											ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
											LEE				



SCALE: 1" = 40' HORIZ.
1" = 5' VERT.

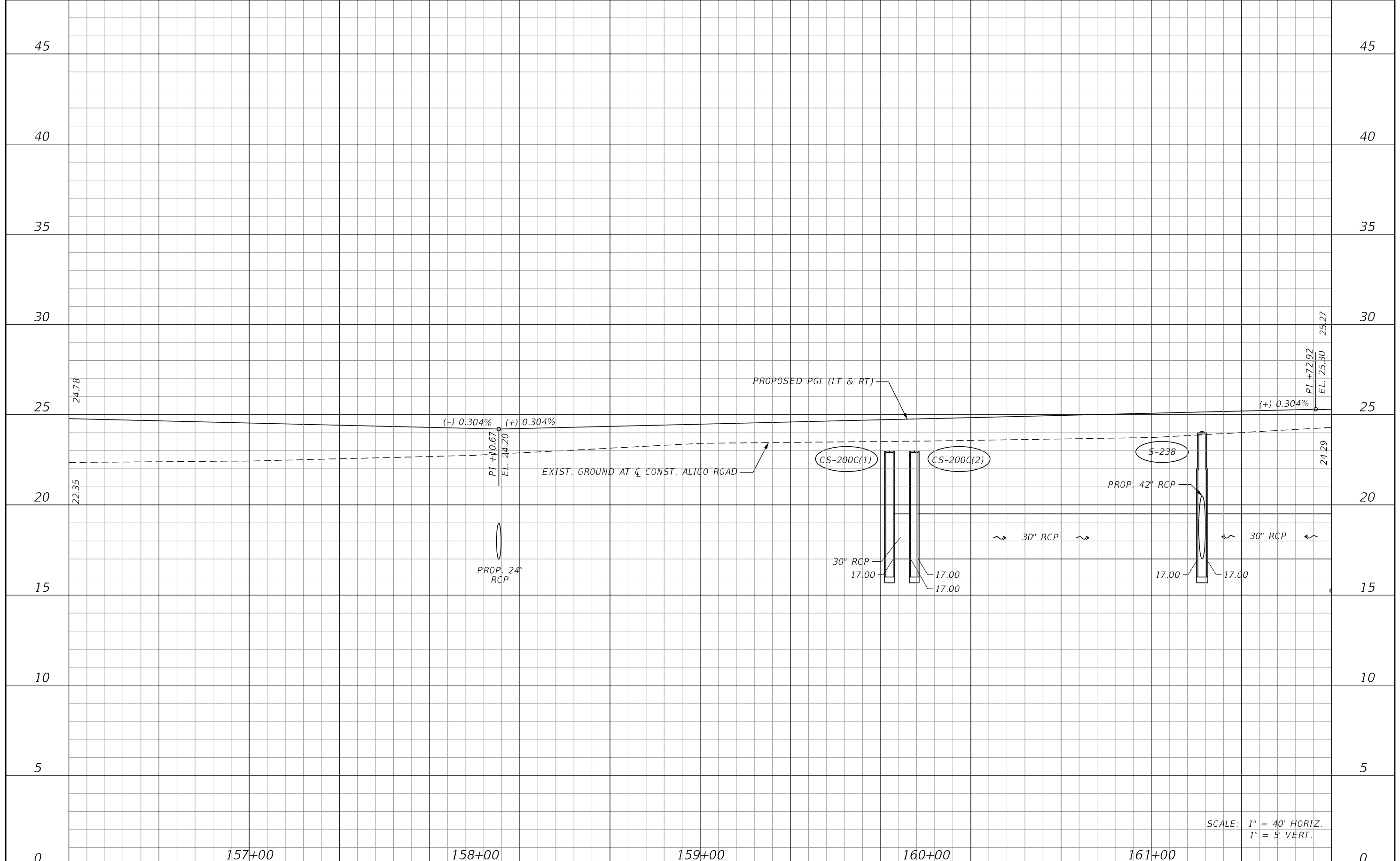
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON
ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

ROADWAY PROFILE
ALICO ROAD
STA. 150+60 TO STA. 156+20

SHEET NO.
83



SCALE: 1" = 40' HORIZ.
1" = 5' VERT.

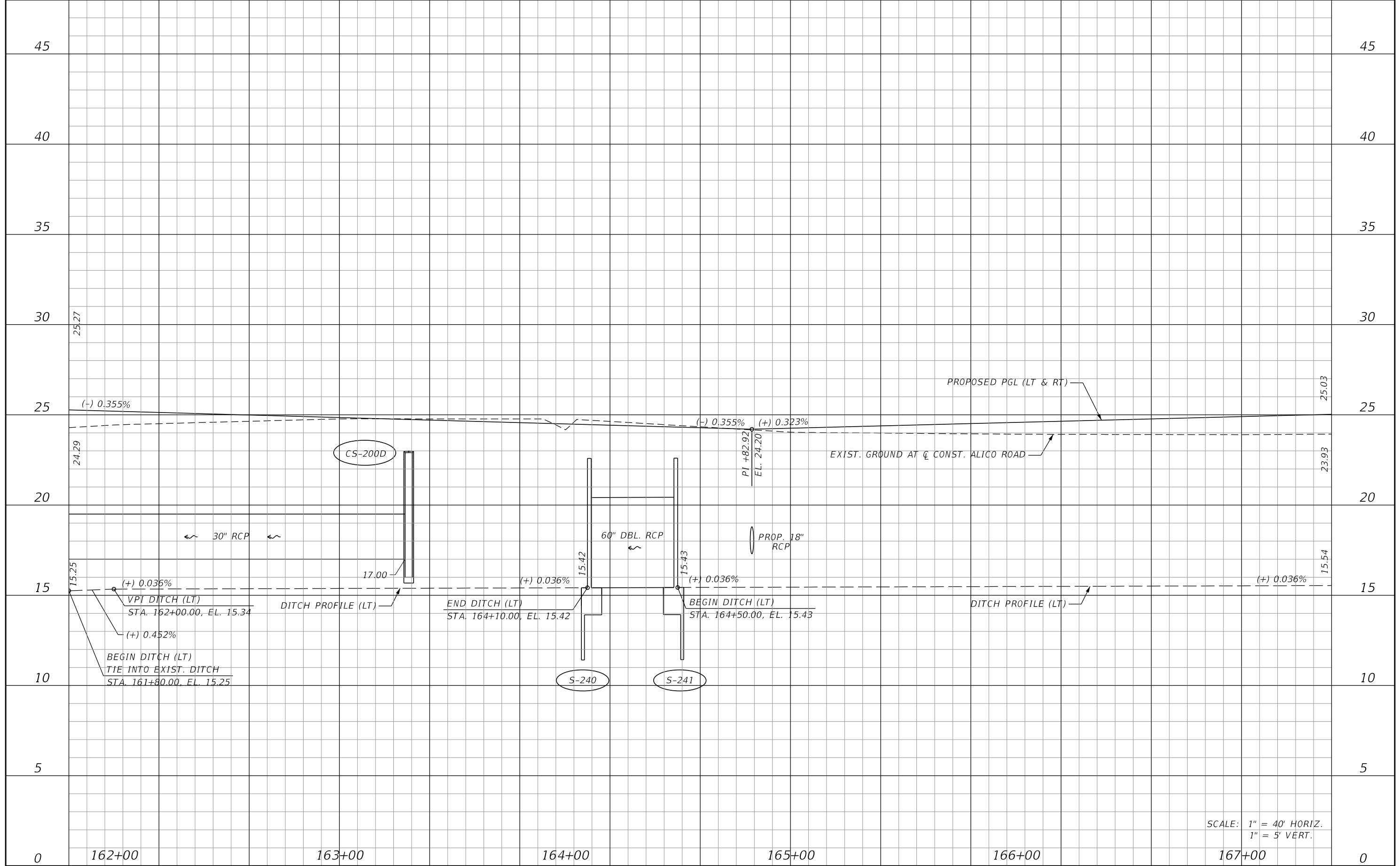
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

ROADWAY PROFILE
ALICO ROAD
STA. 156+20 TO STA. 161+80

SHEET NO.
84



SCALE: 1" = 40' HORIZ.
1" = 5' VERT.

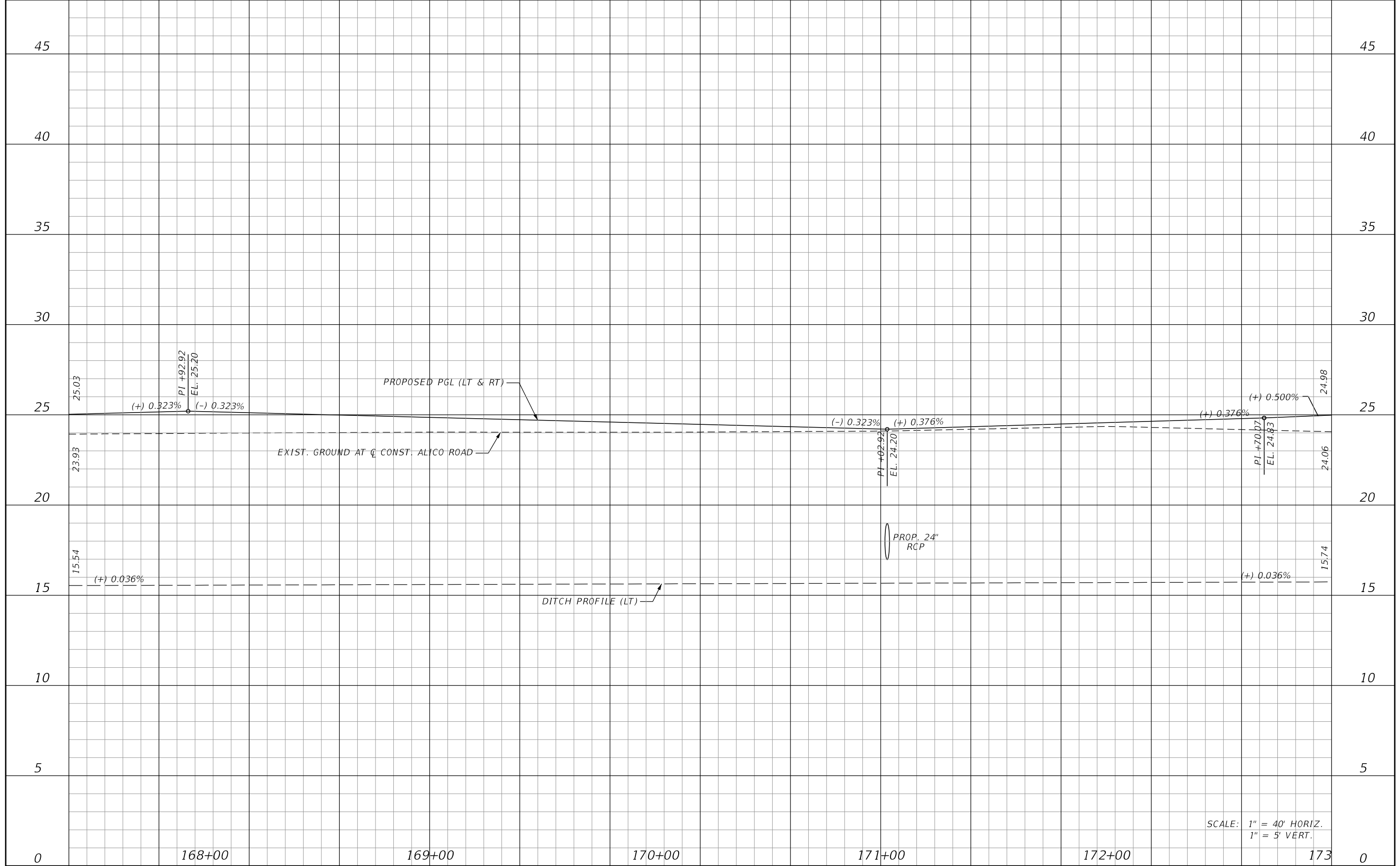
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON
ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

ROADWAY PROFILE
ALICO ROAD
STA. 161+80 TO STA. 167+40

SHEET NO.
85



SCALE: 1" = 40' HORIZ.
1" = 5' VERT.

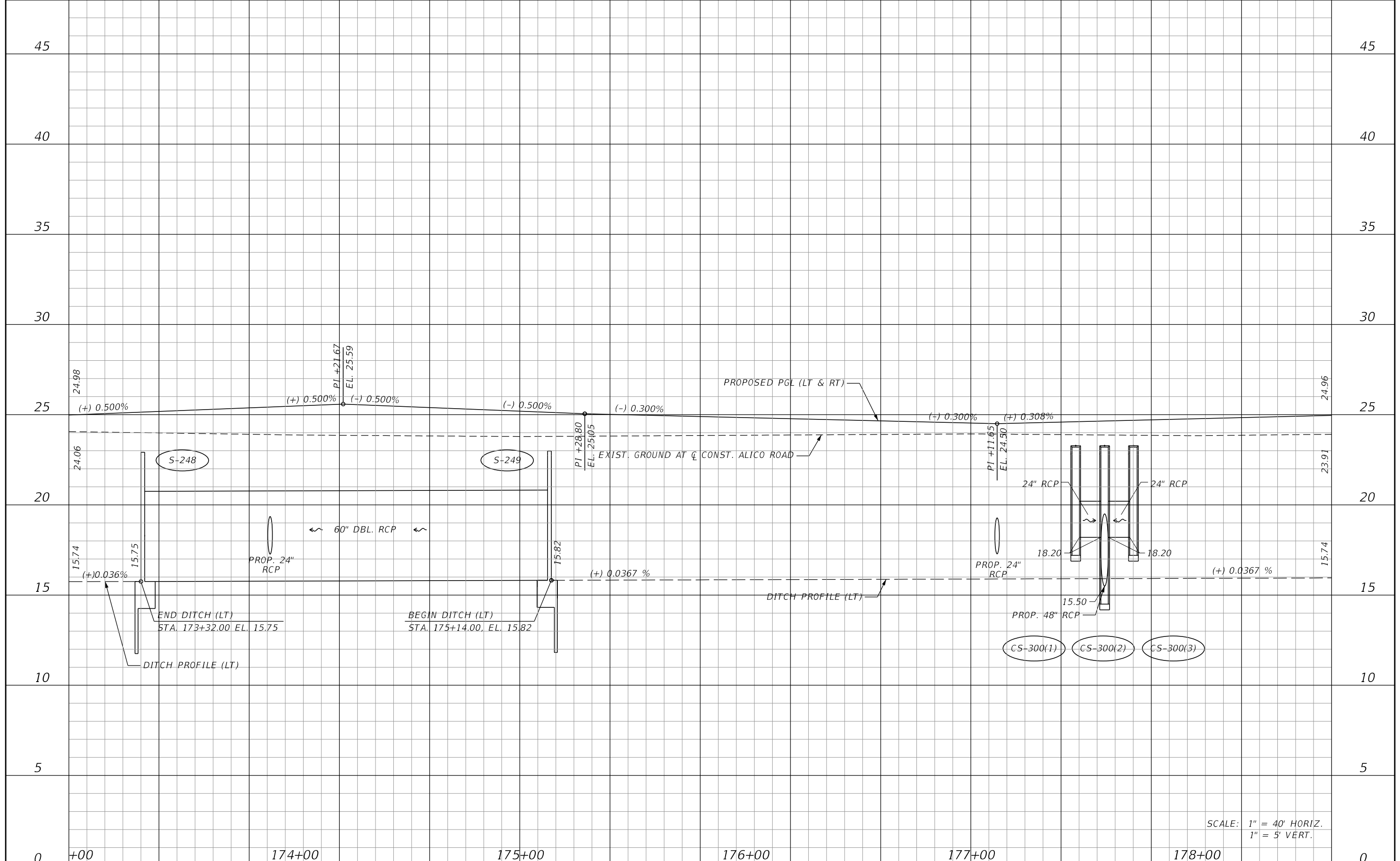
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

ROADWAY PROFILE
ALICO ROAD
STA. 167+40 TO STA. 173+00

SHEET NO.
86



SCALE: 1" = 40' HORIZ.
1" = 5' VERT.

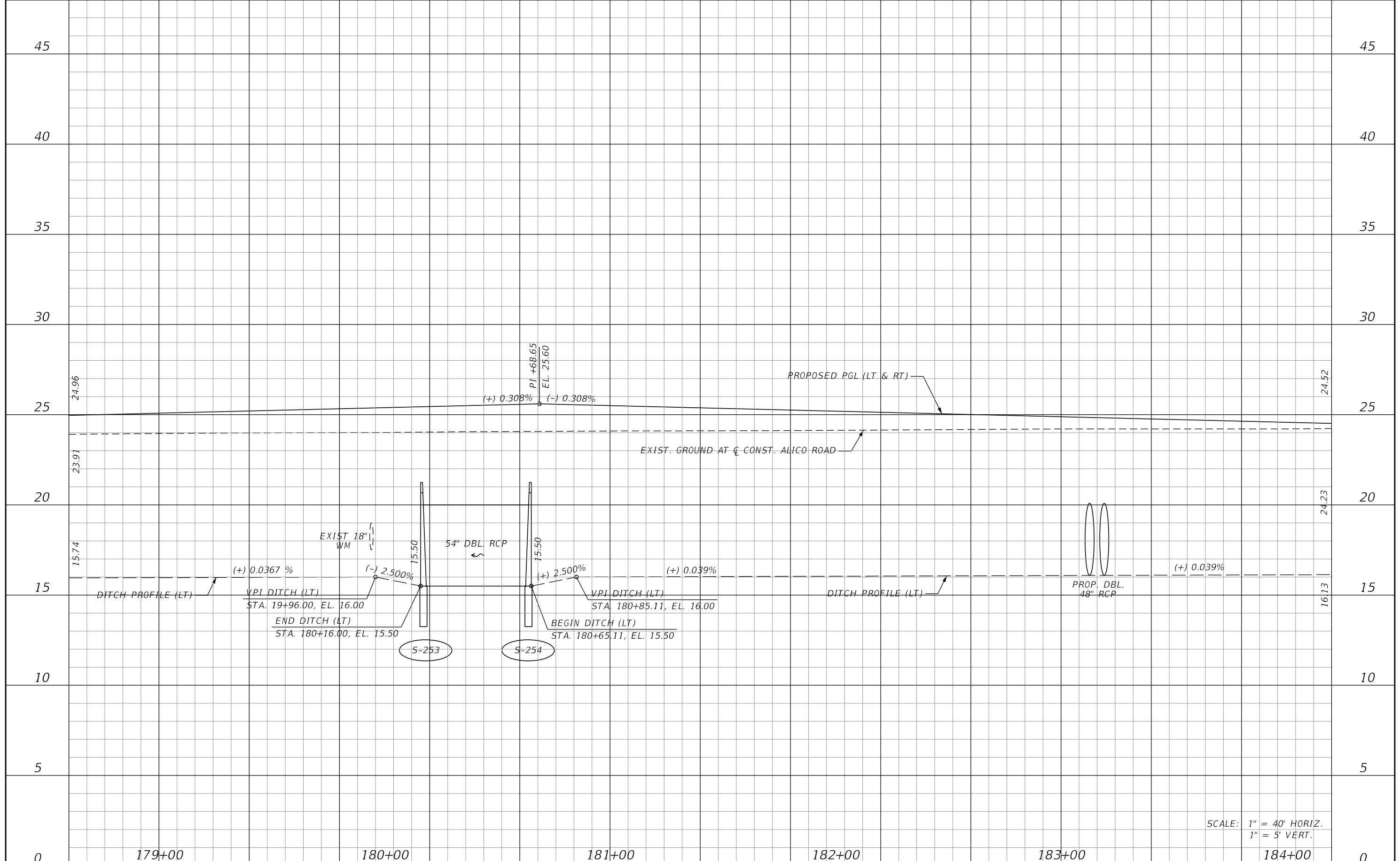
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

ROADWAY PROFILE
ALICO ROAD
STA. 173+00 TO STA. 178+60

SHEET NO. 87



SCALE: 1" = 40' HORIZ.
1" = 5' VERT.

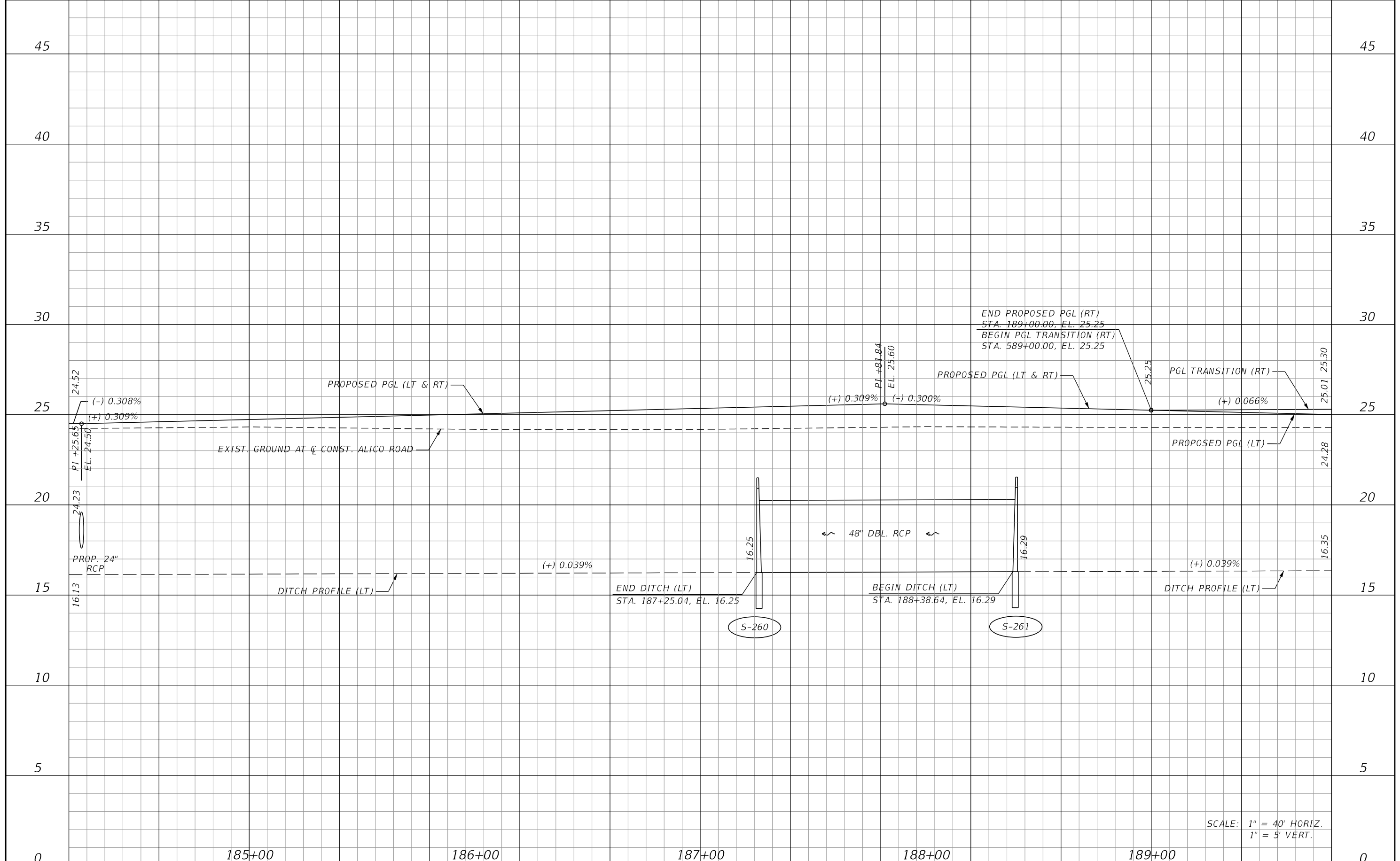
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

ROADWAY PROFILE
ALICO ROAD
STA. 178+60 TO STA. 184+20

SHEET NO.
88



SCALE: 1" = 40' HORIZ.
1" = 5' VERT.

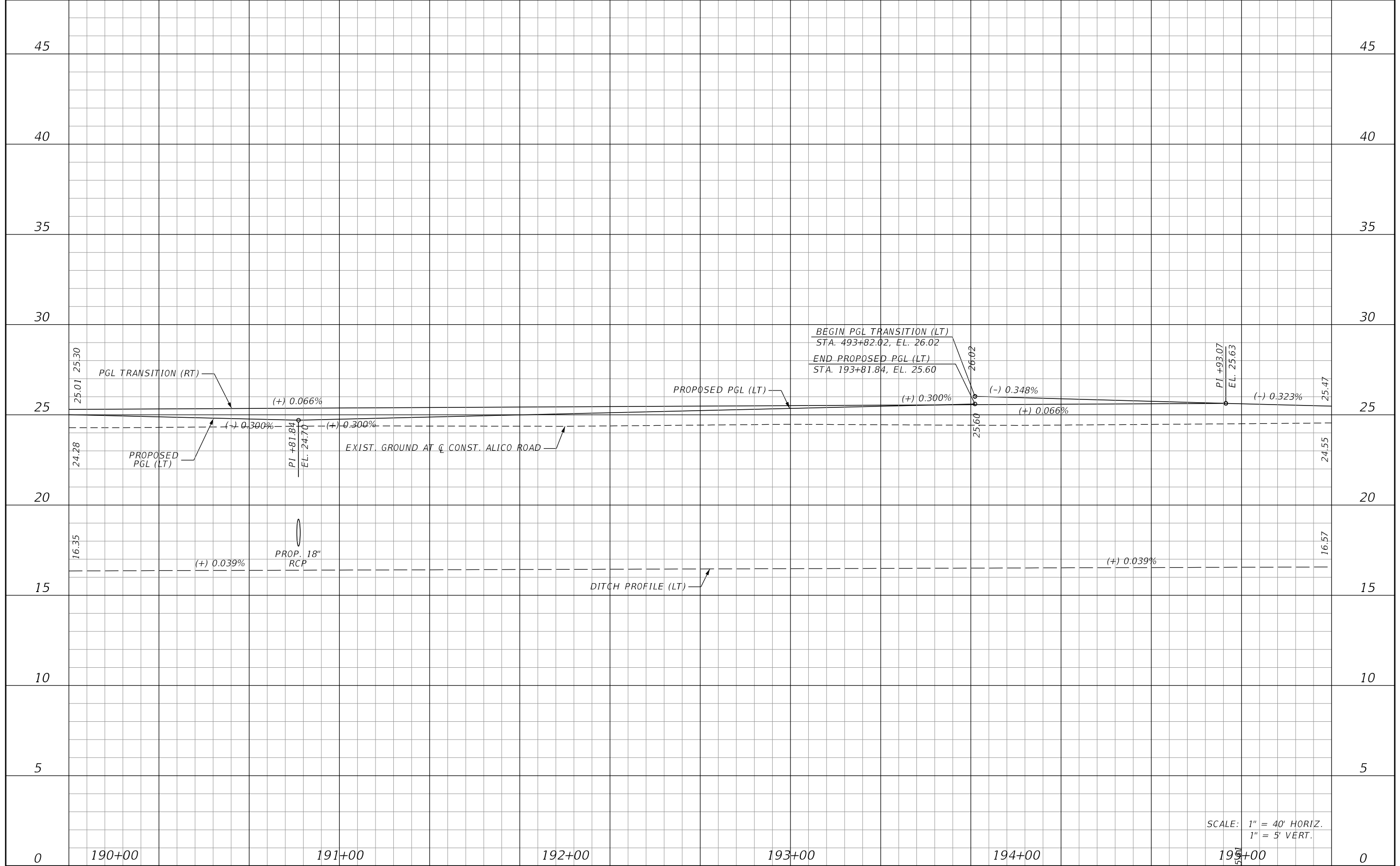
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

ROADWAY PROFILE
ALICO ROAD
STA. 184+20 TO STA. 189+80

SHEET NO.
89



SCALE: 1" = 40' HORIZ.
1" = 5' VERT.

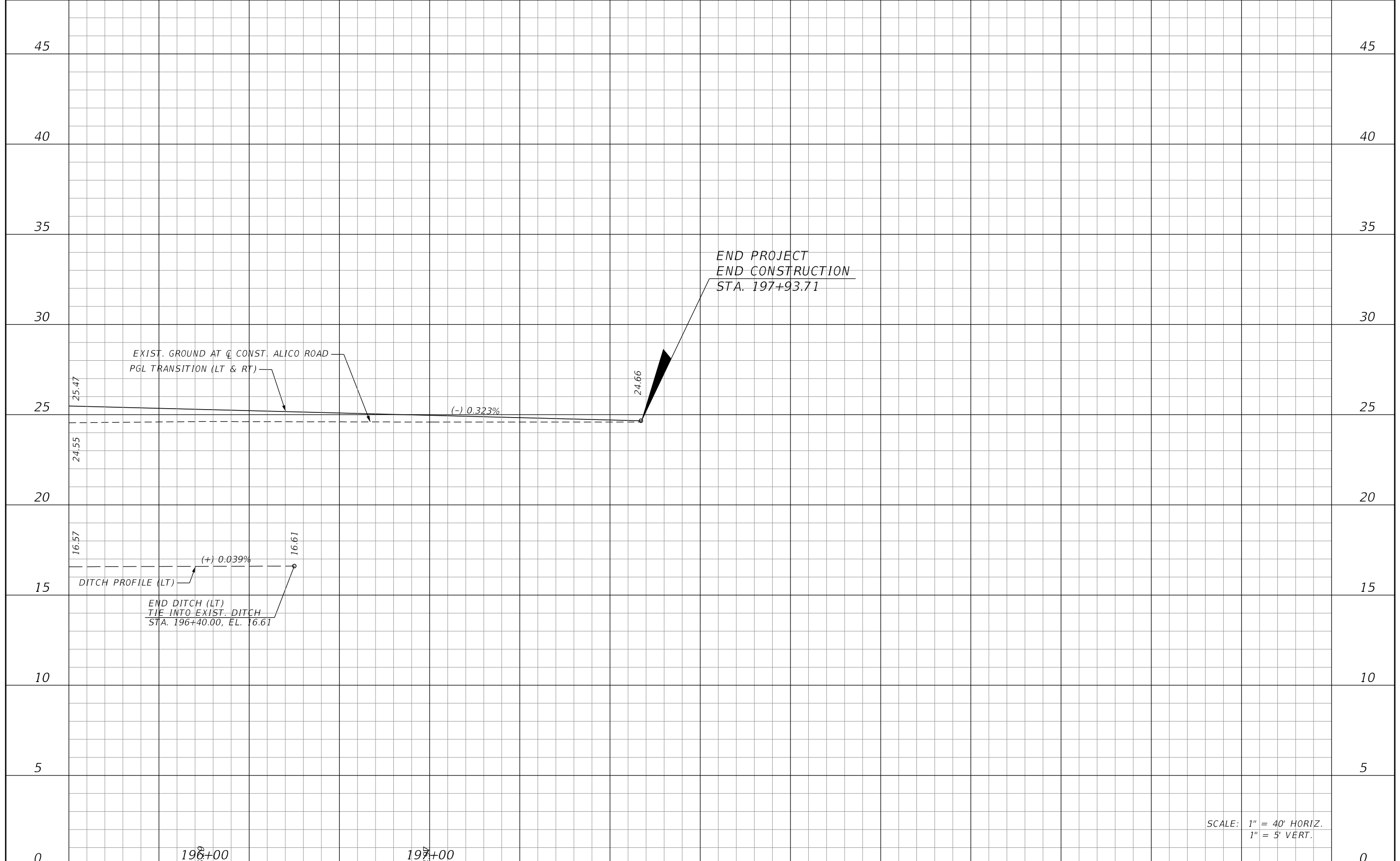
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

ROADWAY PROFILE
ALICO ROAD
STA. 189+80 TO STA. 195+40

SHEET NO.
90



SCALE: 1" = 40' HORIZ.
1" = 5' VERT.

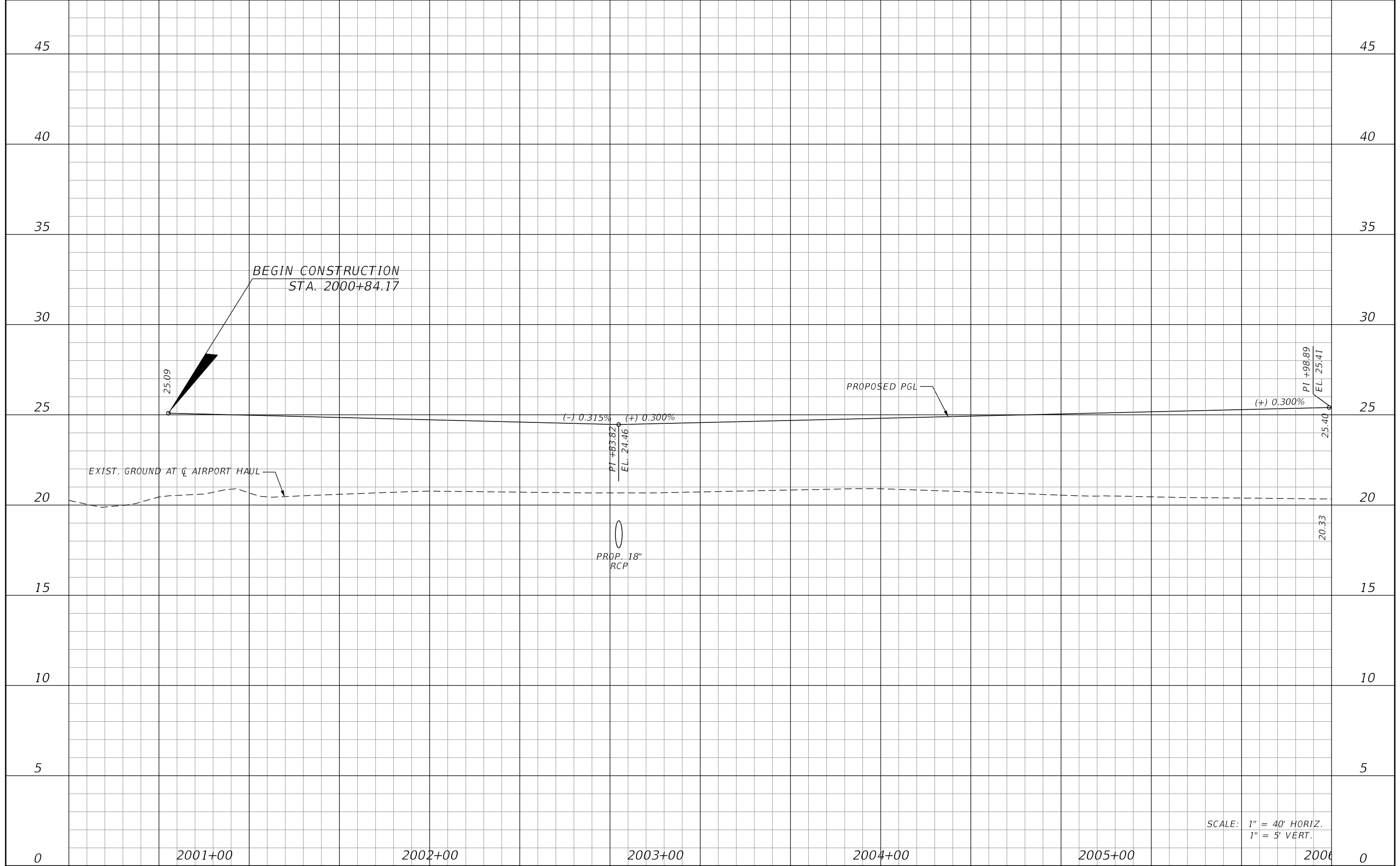
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON
ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

ROADWAY PROFILE
ALICO ROAD
STA. 195+40 TO STA. 201+00

SHEET NO.
91



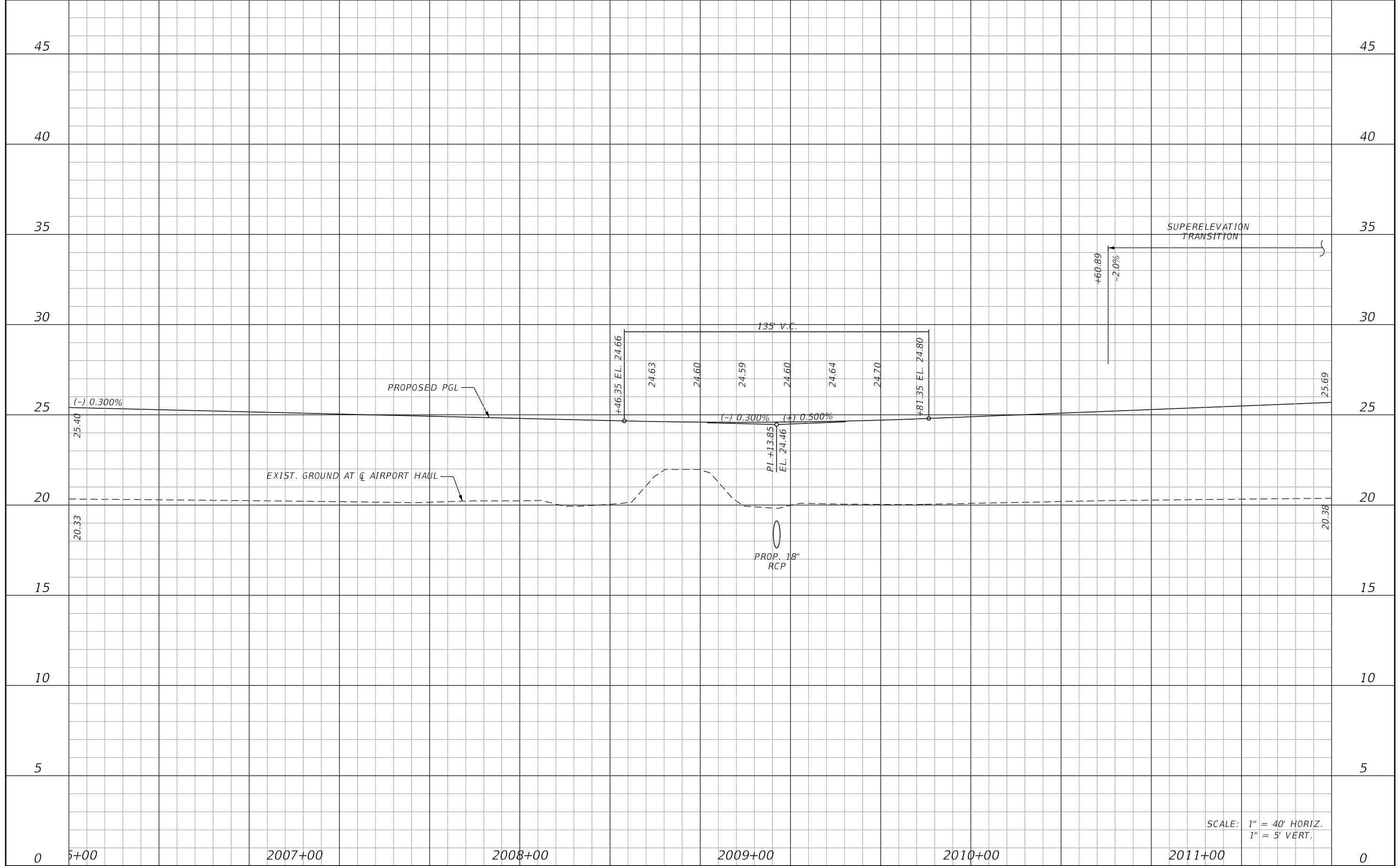
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON
ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

ROADWAY PROFILE
AIRPORT HAUL ROAD
STA. 2000+84.17 TO STA. 2006+00

SHEET NO.
92



SCALE: 1" = 40' HORIZ.
1" = 5' VERT.

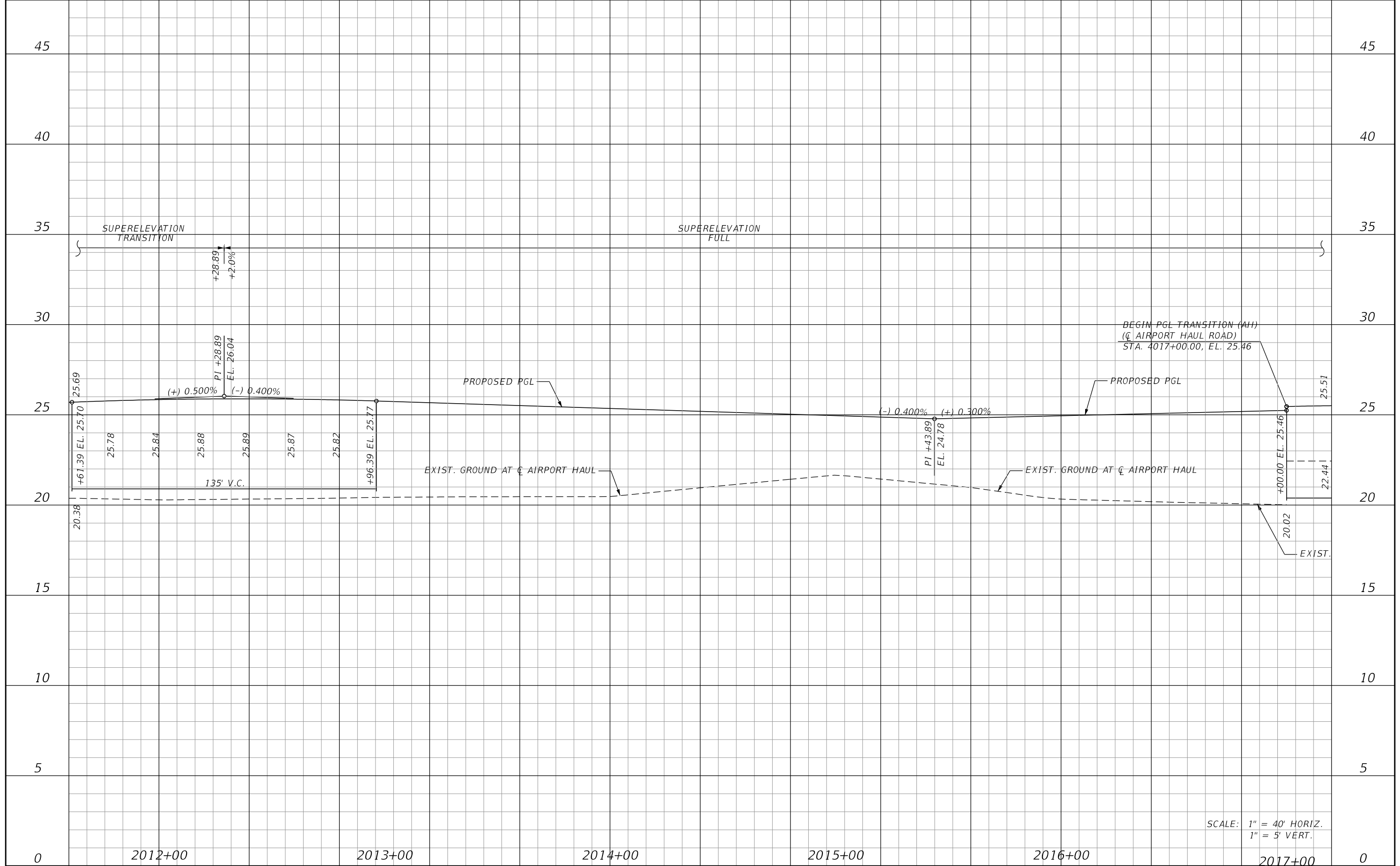
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

ROADWAY PROFILE
AIRPORT HAUL ROAD
STA. 2006+00 TO STA. 2011+60

SHEET NO.
93



SCALE: 1" = 40' HORIZ.
1" = 5' VERT.

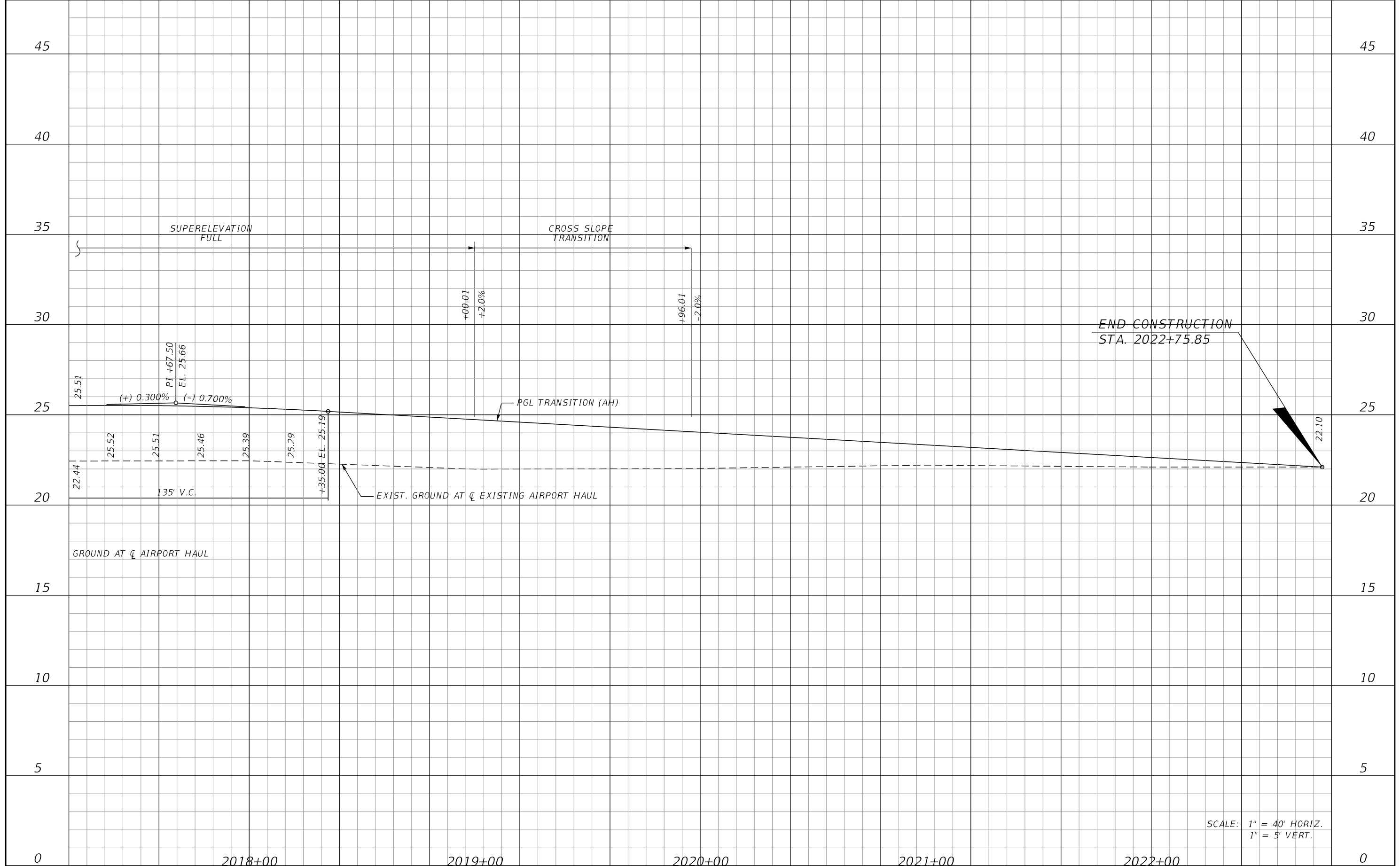
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

ROADWAY PROFILE
AIRPORT HAUL ROAD
STA. 2011+60 TO STA. 2017+20

SHEET NO.
94



SCALE: 1" = 40' HORIZ.
1" = 5' VERT.

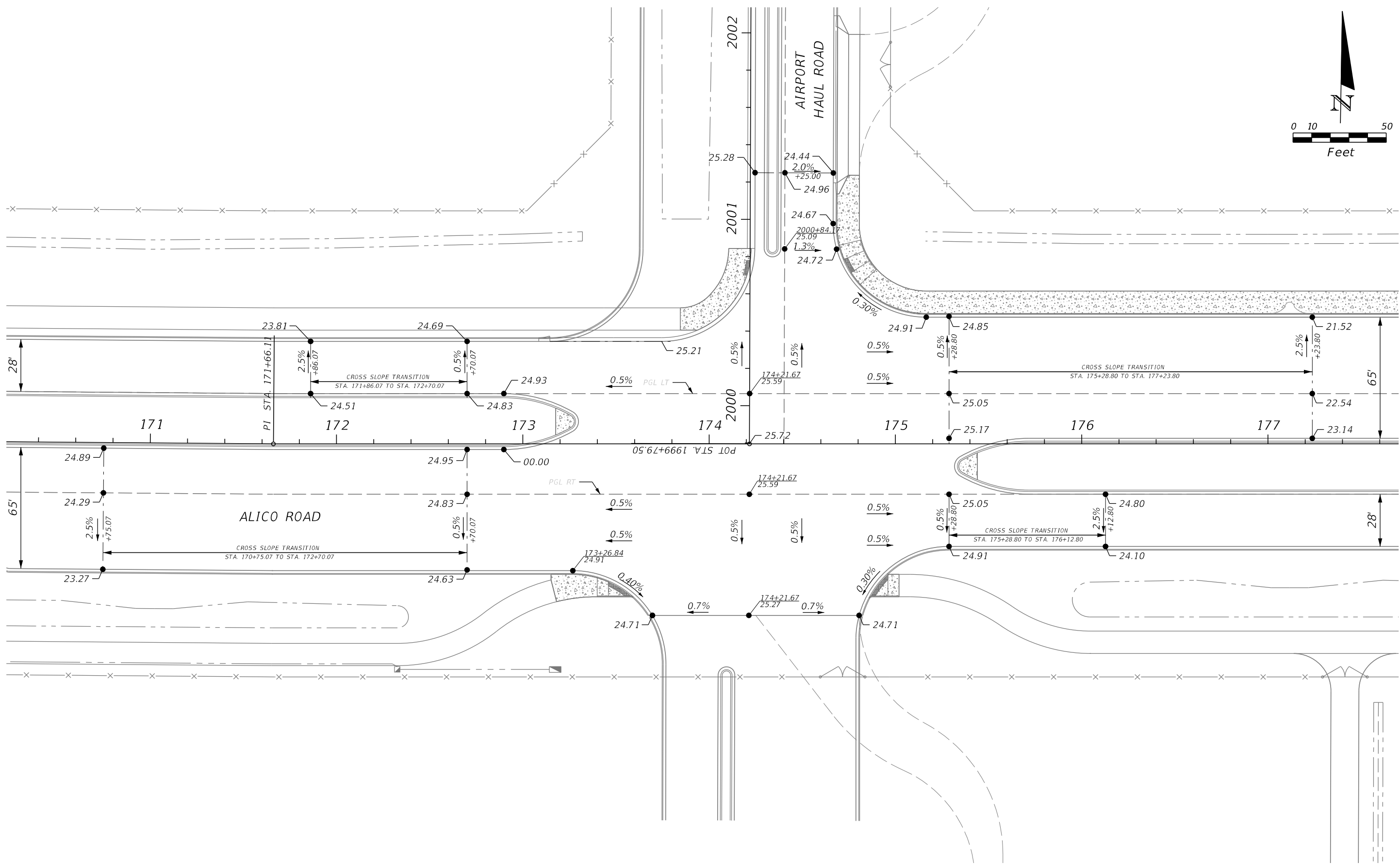
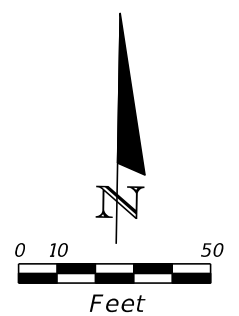
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON
ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

ROADWAY PROFILE
AIRPORT HAUL ROAD
STA. 2017+20 TO STA. 2022+80

SHEET NO.
95



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

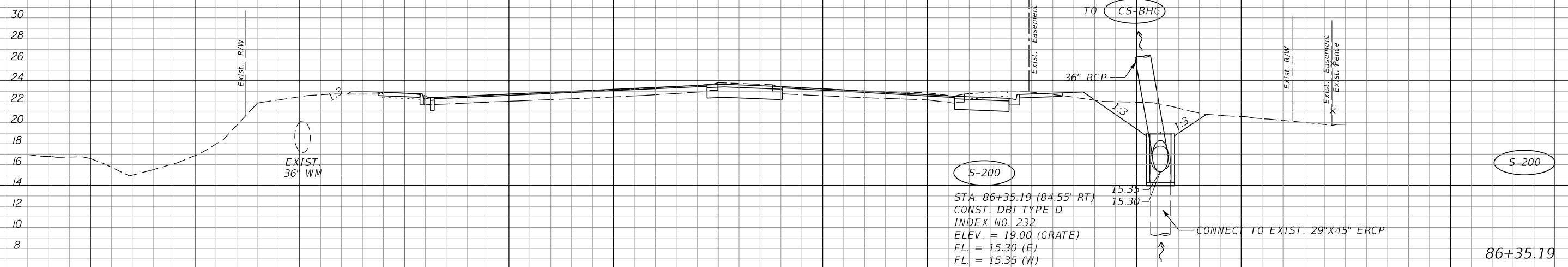
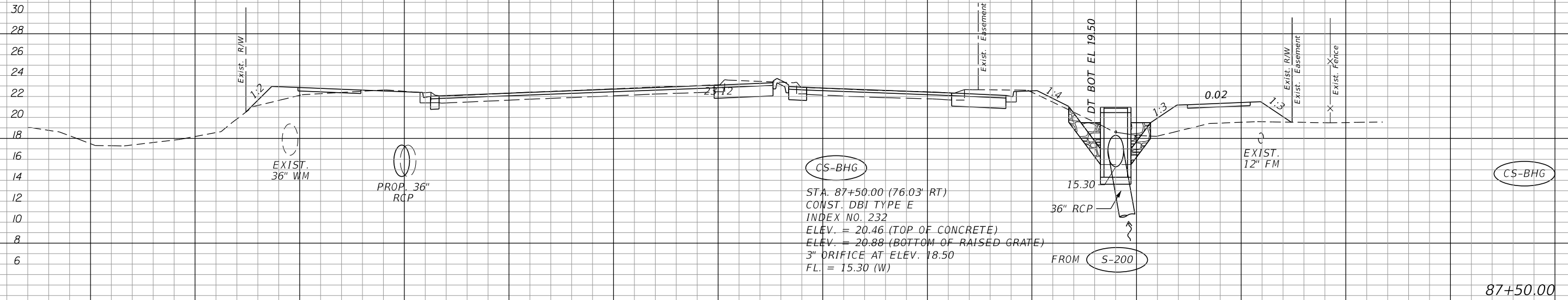
JOHNSON
ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

ALICO ROAD
INTERSECTION DETAIL

SHEET NO.
96

¢ CONST.



NOTE: STATION/OFFSETS SHOW FOR MITERED END SECTIONS ARE TO THE END OF THE STRUCTURE AT THE CENTERLINE OF THE PIPE.

SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

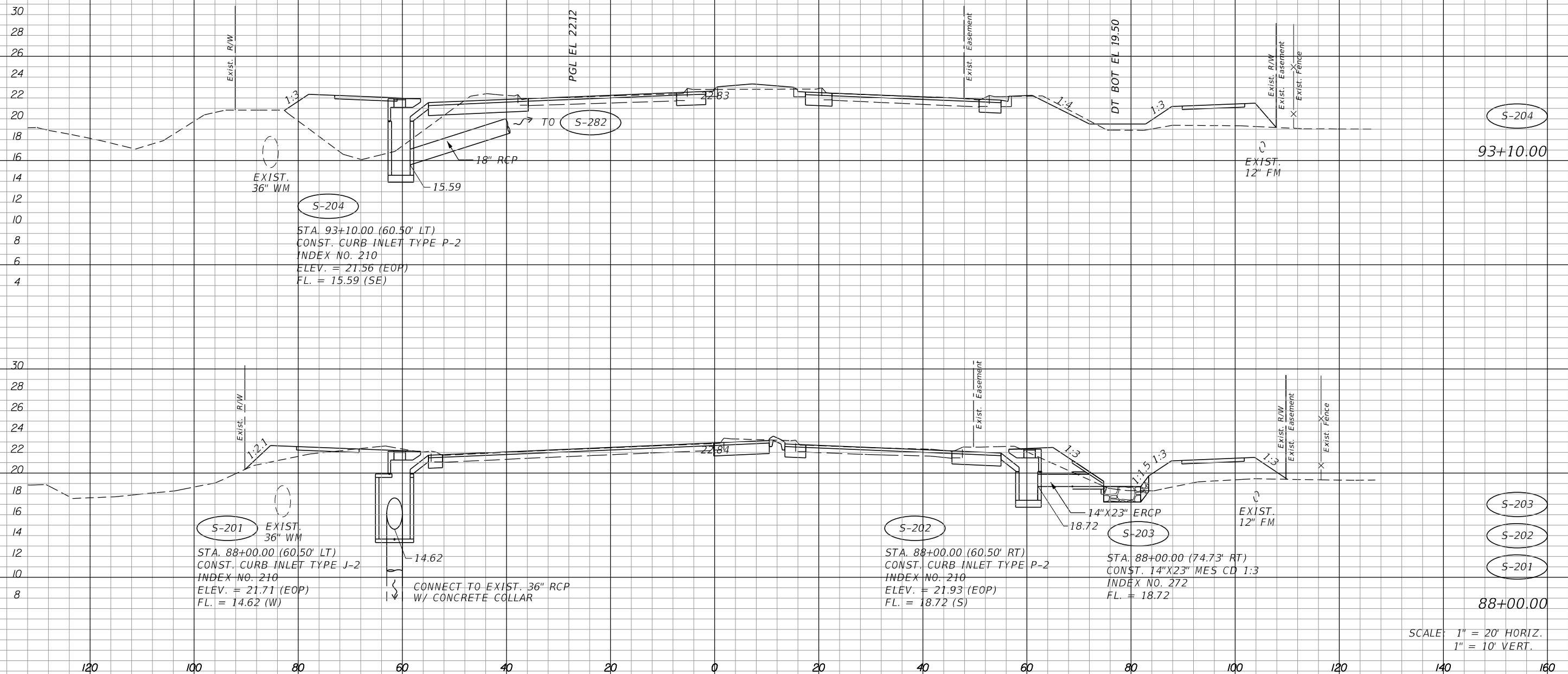
JOHNSON
ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

DRAINAGE STRUCTURES
ALICO ROAD

SHEET NO.
97

¢ CONST.



S-204
 STA. 93+10.00 (60.50' LT)
 CONST. CURB INLET TYPE P-2
 INDEX NO. 210
 ELEV. = 21.56 (EOP)
 FL. = 15.59 (SE)

S-201
 STA. 88+00.00 (60.50' LT)
 CONST. CURB INLET TYPE J-2
 INDEX NO. 210
 ELEV. = 21.71 (EOP)
 FL. = 14.62 (W)
 CONNECT TO EXIST. 36\"/>

S-202
 STA. 88+00.00 (60.50' RT)
 CONST. CURB INLET TYPE P-2
 INDEX NO. 210
 ELEV. = 21.93 (EOP)
 FL. = 18.72 (S)

S-203
 STA. 88+00.00 (74.73' RT)
 CONST. 14\"/>

SCALE: 1\"/>

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

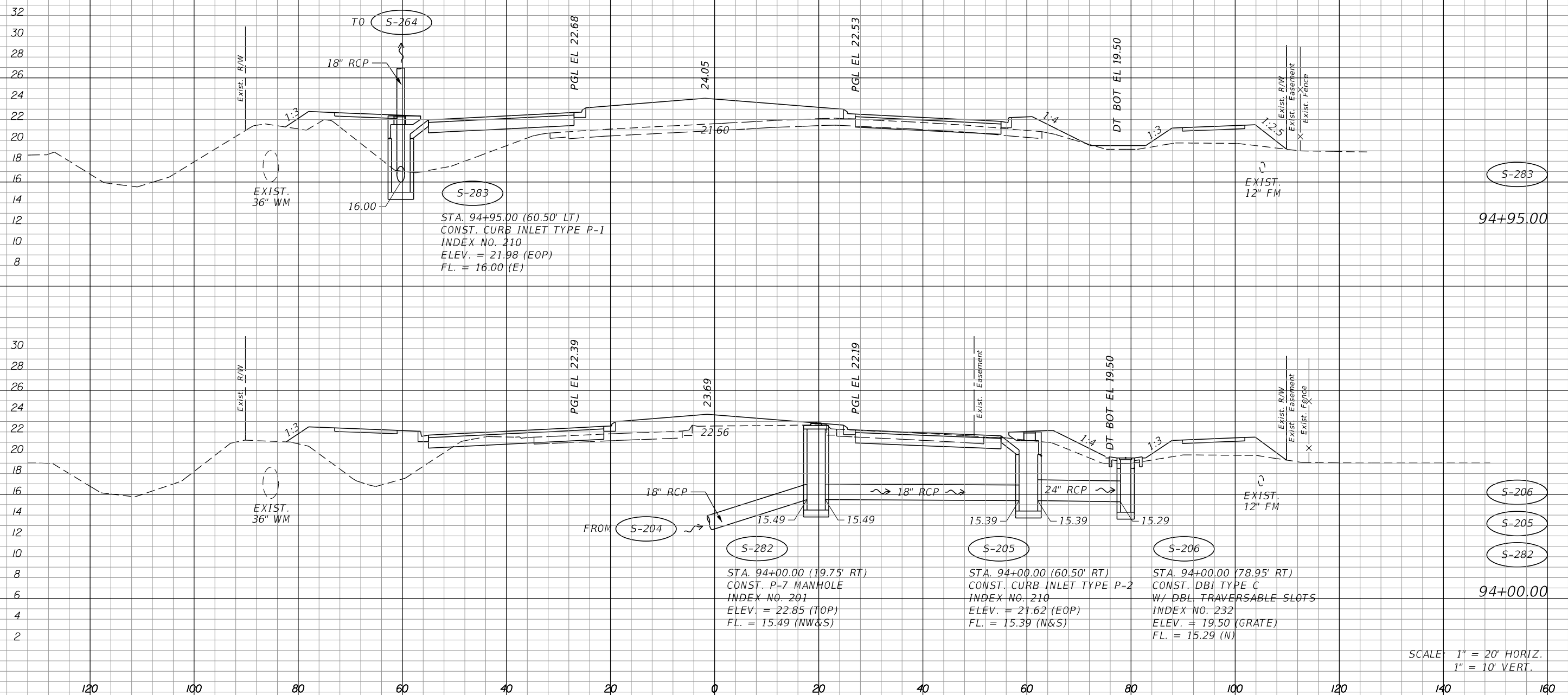
JOHNSON
 ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

DRAINAGE STRUCTURES
ALICO ROAD

SHEET NO.
 98

¢ CONST.



STA. 94+95.00 (60.50' LT)
 CONST. CURB INLET TYPE P-1
 INDEX NO. 210
 ELEV. = 21.98 (EOP)
 FL. = 16.00 (E)

STA. 94+00.00 (19.75' RT)
 CONST. P-7 MANHOLE
 INDEX NO. 201
 ELEV. = 22.85 (TOP)
 FL. = 15.49 (NW&S)

STA. 94+00.00 (60.50' RT)
 CONST. CURB INLET TYPE P-2
 INDEX NO. 210
 ELEV. = 21.62 (EOP)
 FL. = 15.39 (N&S)

STA. 94+00.00 (78.95' RT)
 CONST. DBI TYPE C
 W/ DBL TRAVERSABLE SLOTS
 INDEX NO. 232
 ELEV. = 19.50 (GRATE)
 FL. = 15.29 (N)

SCALE: 1" = 20' HORIZ.
 1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

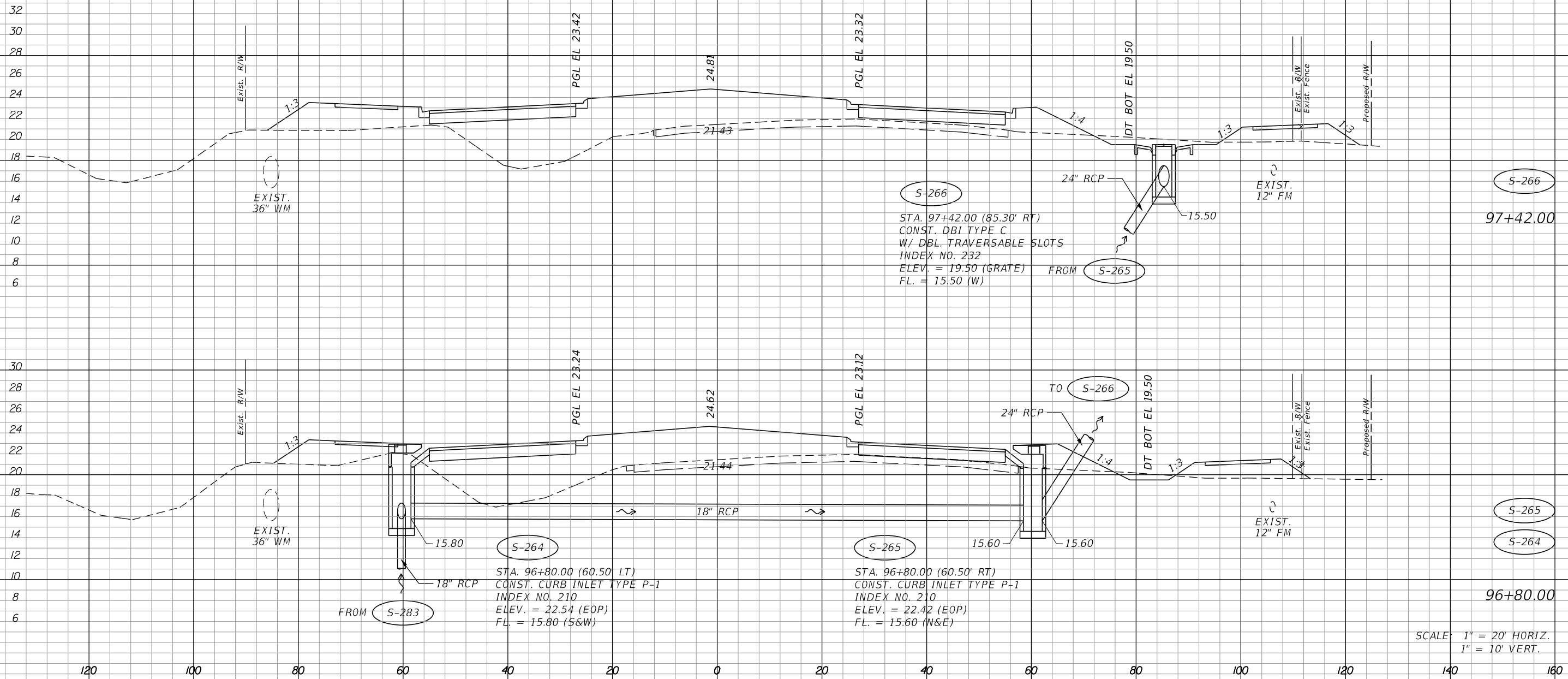
JOHNSON
 ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

DRAINAGE STRUCTURES
ALICO ROAD

SHEET NO.
 99

¢ CONST.



SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

REVISIONS	
DATE	DESCRIPTION

JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

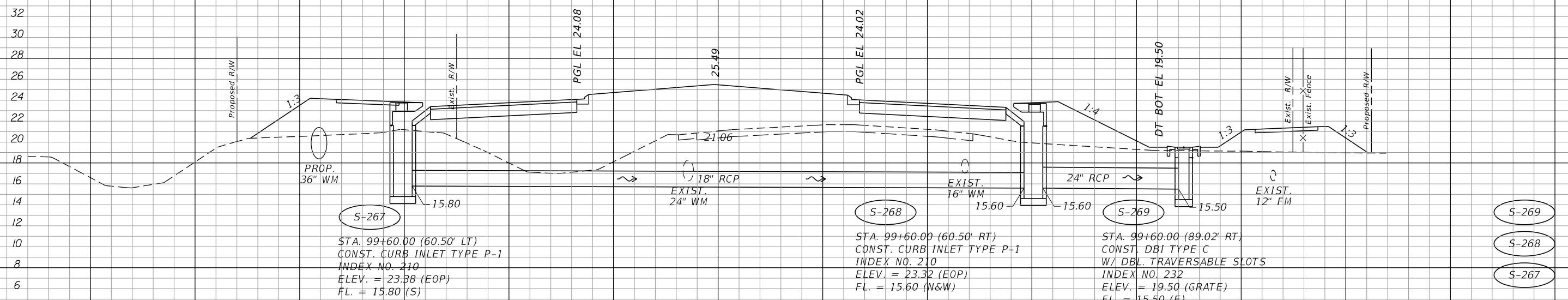
DRAINAGE STRUCTURES
ALICO ROAD

SHEET NO.
100

¢ CONST.



S-209
 STA. 105+24.00 (80.90' RT)
 CONST. DBI TYPE C
 W/ DBL. TRAVERSABLE SLOTS
 INDEX NO. 232
 ELEV. = 20.60 (GRATE)
 FL. = 16.38 (E)



S-267
 STA. 99+60.00 (60.50' LT)
 CONST. CURB INLET TYPE P-1
 INDEX NO. 210
 ELEV. = 23.38 (EOP)
 FL. = 15.80 (S)

S-268
 STA. 99+60.00 (60.50' RT)
 CONST. CURB INLET TYPE P-1
 INDEX NO. 210
 ELEV. = 23.32 (EOP)
 FL. = 15.60 (N&W)

S-269
 STA. 99+60.00 (89.02' RT)
 CONST. DBI TYPE C
 W/ DBL. TRAVERSABLE SLOTS
 INDEX NO. 232
 ELEV. = 19.50 (GRATE)
 FL. = 15.50 (E)

99+60.00
 SCALE: 1" = 20' HORIZ.
 1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

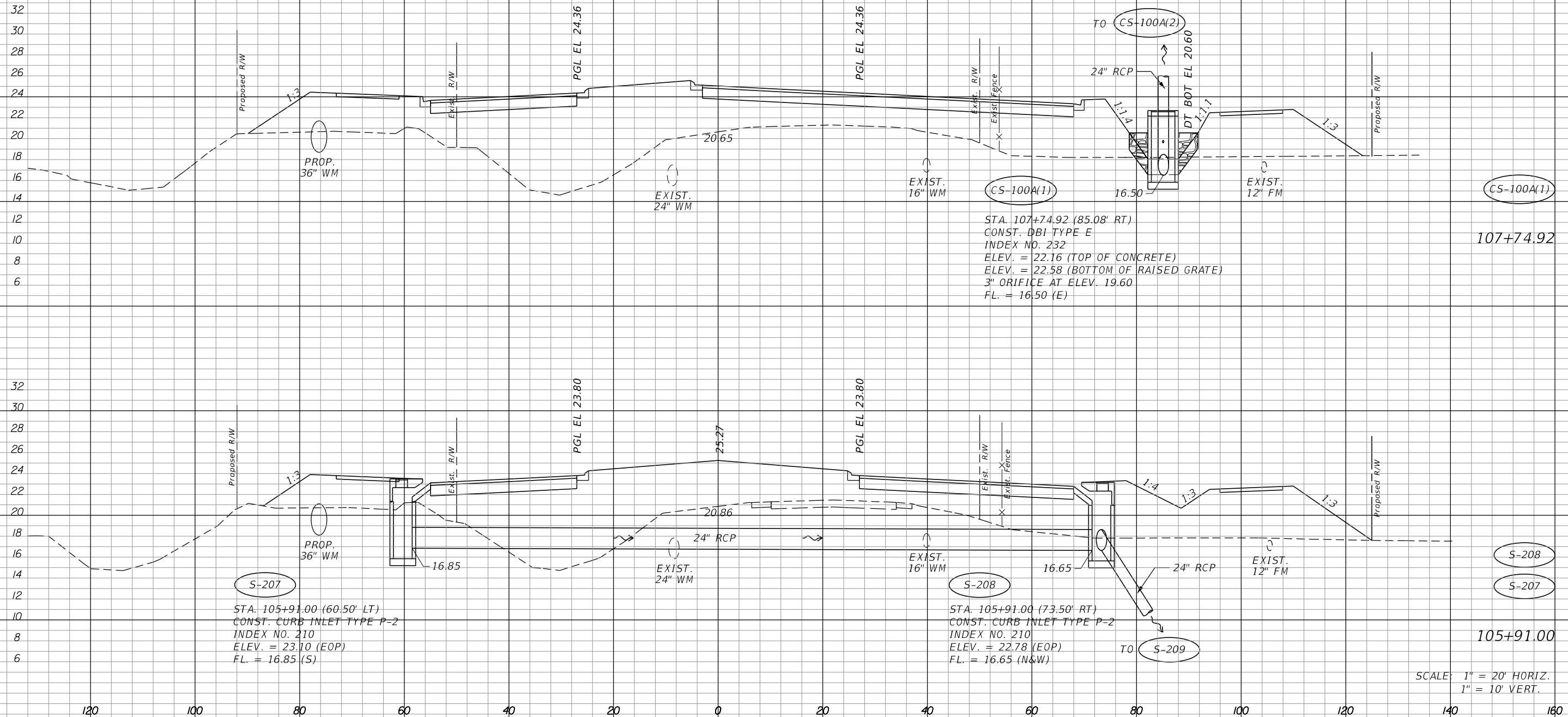
JOHNSON
 ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

DRAINAGE STRUCTURES
ALICO ROAD

SHEET
NO.
101

¢ CONST.



S-207
 STA. 105+91.00 (60.50' LT)
 CONST. CURB INLET TYPE P-2
 INDEX NO. 210
 ELEV. = 23.10 (EOP)
 FL. = 16.85 (S)

S-208
 STA. 105+91.00 (73.50' RT)
 CONST. CURB INLET TYPE P-2
 INDEX NO. 210
 ELEV. = 22.78 (EOP)
 FL. = 16.65 (N&W)

CS-100A(1)
 STA. 107+74.92 (85.08' RT)
 CONST. DBI TYPE E
 INDEX NO. 232
 ELEV. = 22.16 (TOP OF CONCRETE)
 ELEV. = 22.58 (BOTTOM OF RAISED GRATE)
 3" ORIFICE AT ELEV. 19.60
 FL. = 16.50 (E)

SCALE: 1" = 20' HORIZ.
 1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

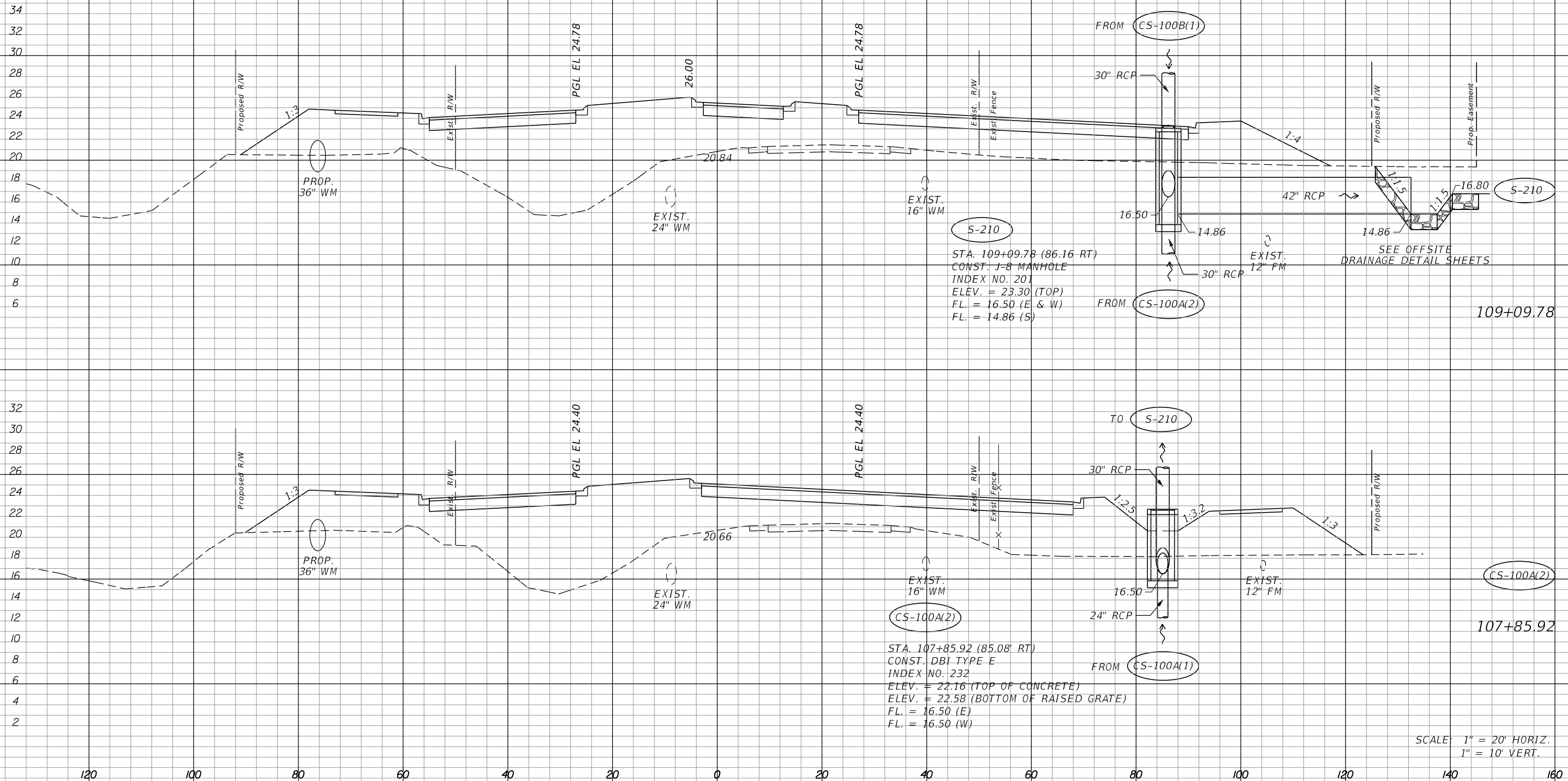
JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

DRAINAGE STRUCTURES
ALICO ROAD

SHEET NO.
 102

¢ CONST.



STA. 109+09.78 (86.16 RT)
 CONST. J-8 MANHOLE
 INDEX NO. 201
 ELEV. = 23.30 (TOP)
 FL. = 16.50 (E & W)
 FL. = 14.86 (S)

STA. 107+85.92 (85.08 RT)
 CONST. DBI TYPE E
 INDEX NO. 232
 ELEV. = 22.16 (TOP OF CONCRETE)
 ELEV. = 22.58 (BOTTOM OF RAISED GRATE)
 FL. = 16.50 (E)
 FL. = 16.50 (W)

SEE OFFSITE DRAINAGE DETAIL SHEETS

SCALE: 1" = 20' HORIZ.
 1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

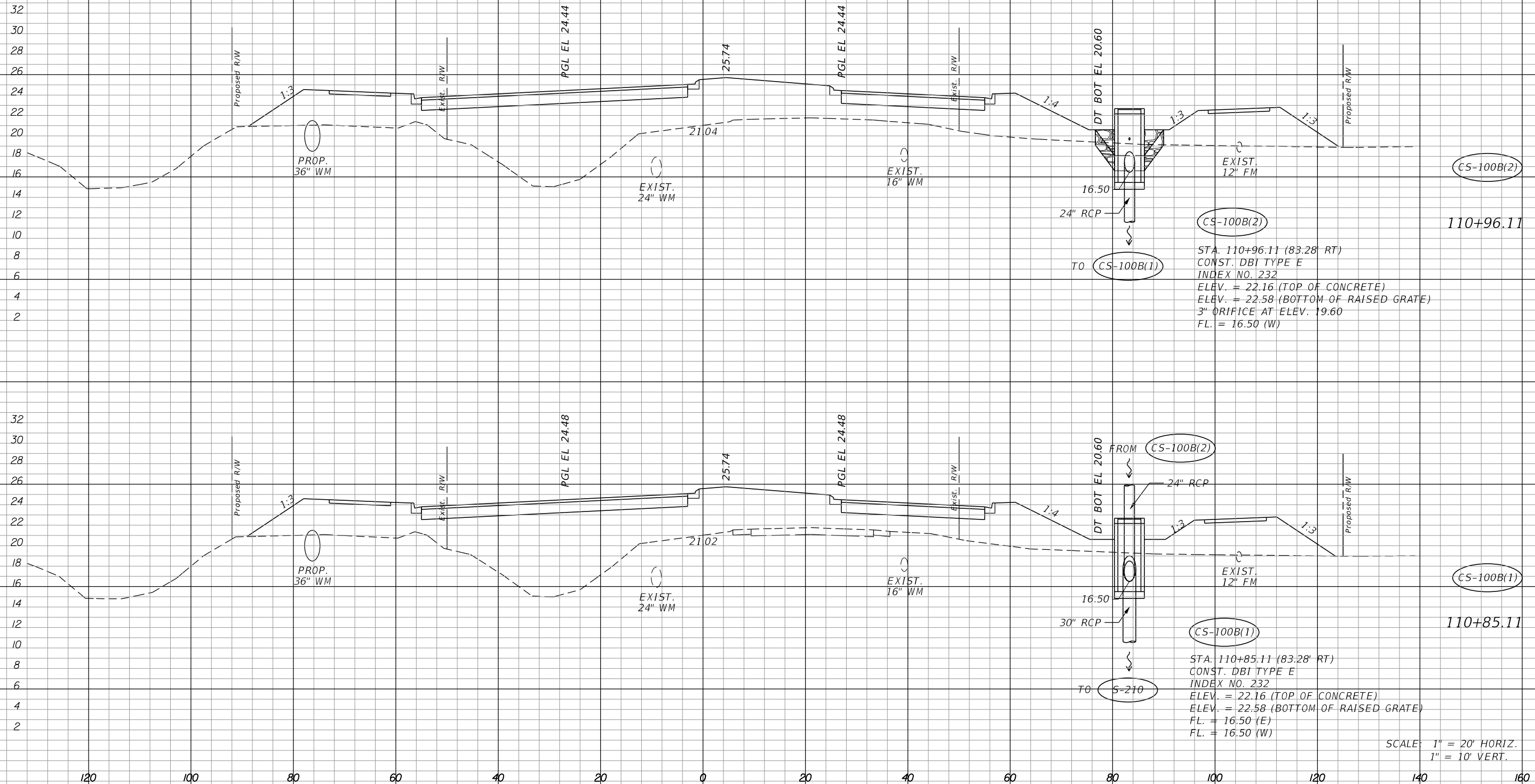
JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

DRAINAGE STRUCTURES
ALICO ROAD

SHEET NO.
 103

¢ CONST.



SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

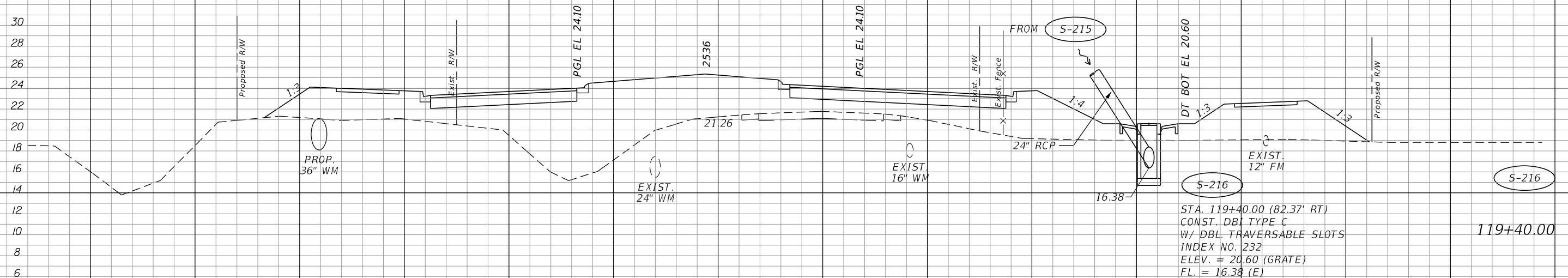
JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

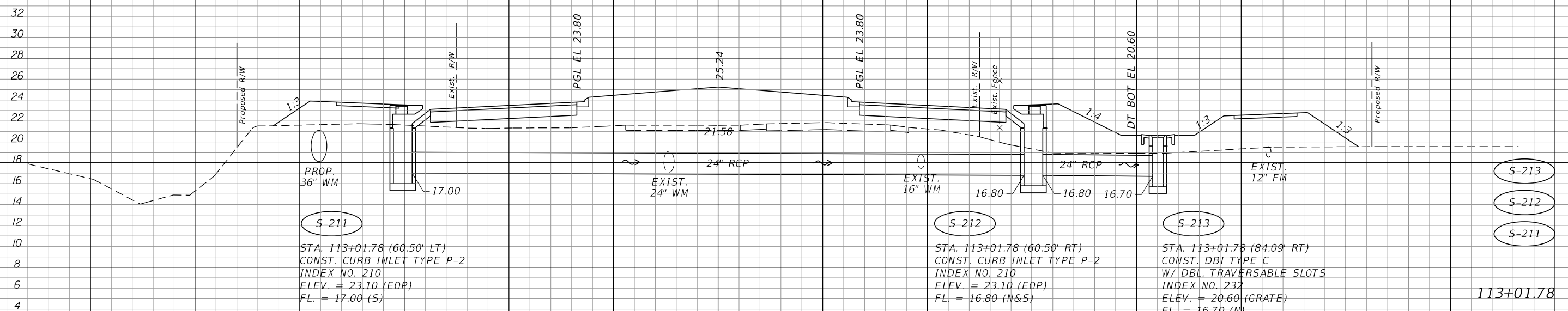
DRAINAGE STRUCTURES
ALICO ROAD

SHEET NO.
104

¢ CONST.



S-216
 STA. 119+40.00 (82.37' RT)
 CONST. DBI TYPE C
 W/ DBL. TRAVERSABLE SLOTS
 INDEX NO. 232
 ELEV. = 20.60 (GRATE)
 FL. = 16.38 (E)



S-211
 STA. 113+01.78 (60.50' LT)
 CONST. CURB INLET TYPE P-2
 INDEX NO. 210
 ELEV. = 23.10 (EOP)
 FL. = 17.00 (S)

S-212
 STA. 113+01.78 (60.50' RT)
 CONST. CURB INLET TYPE P-2
 INDEX NO. 210
 ELEV. = 23.10 (EOP)
 FL. = 16.80 (N&S)

S-213
 STA. 113+01.78 (84.09' RT)
 CONST. DBI TYPE C
 W/ DBL. TRAVERSABLE SLOTS
 INDEX NO. 232
 ELEV. = 20.60 (GRATE)
 FL. = 16.70 (N)

SCALE: 1" = 20' HORIZ.
 1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

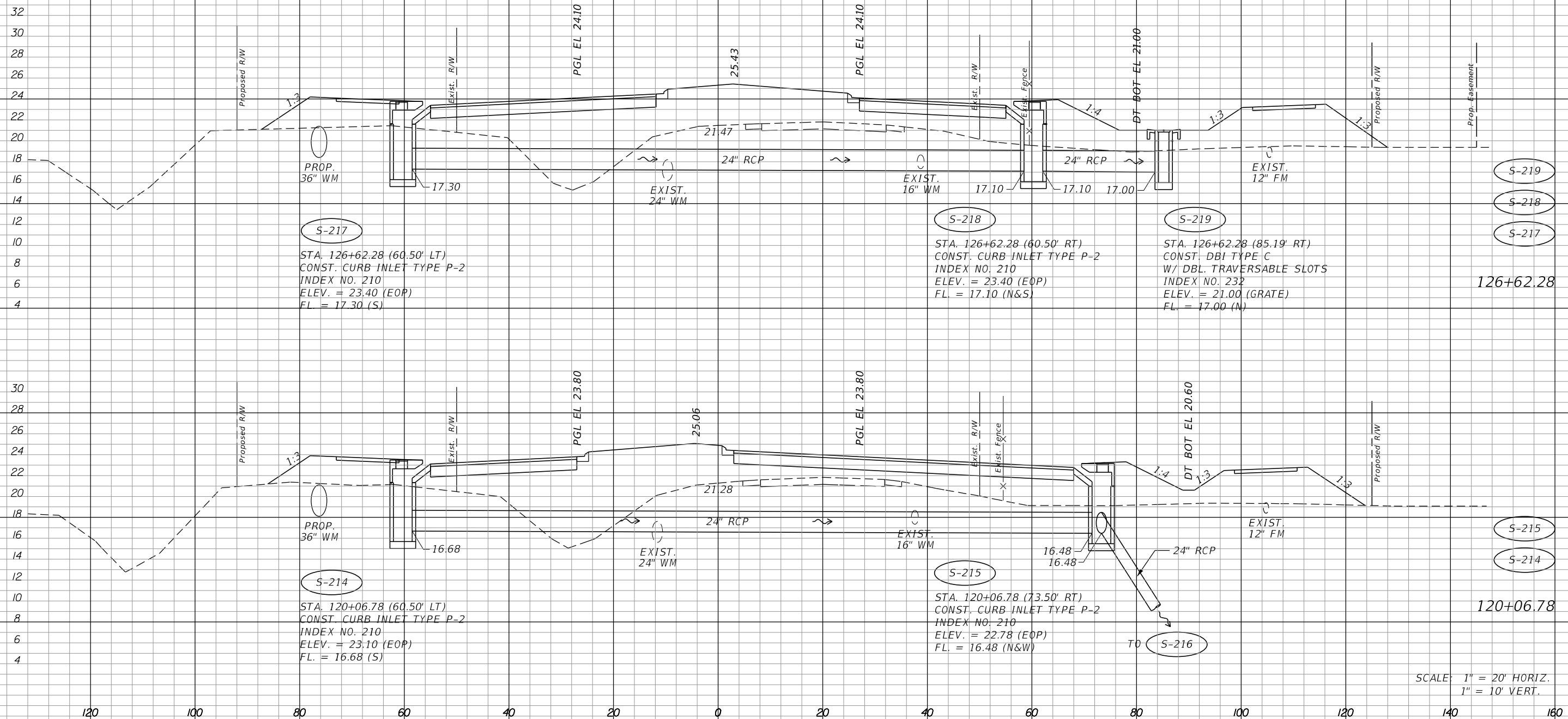
JOHNSON
 ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

DRAINAGE STRUCTURES
ALICO ROAD

SHEET
 NO.
 105

¢ CONST.



S-217
 STA. 126+62.28 (60.50' LT)
 CONST. CURB INLET TYPE P-2
 INDEX NO. 210
 ELEV. = 23.40 (EOP)
 FL. = 17.30 (S)

S-218
 STA. 126+62.28 (60.50' RT)
 CONST. CURB INLET TYPE P-2
 INDEX NO. 210
 ELEV. = 23.40 (EOP)
 FL. = 17.10 (N&S)

S-219
 STA. 126+62.28 (85.19' RT)
 CONST. DBI TYPE C
 W/ DBL. TRAVERSABLE SLOTS
 INDEX NO. 232
 ELEV. = 21.00 (GRATE)
 FL. = 17.00 (N)

S-214
 STA. 120+06.78 (60.50' LT)
 CONST. CURB INLET TYPE P-2
 INDEX NO. 210
 ELEV. = 23.10 (EOP)
 FL. = 16.68 (S)

S-215
 STA. 120+06.78 (73.50' RT)
 CONST. CURB INLET TYPE P-2
 INDEX NO. 210
 ELEV. = 22.78 (EOP)
 FL. = 16.48 (N&W)

S-216

SCALE: 1" = 20' HORIZ.
 1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

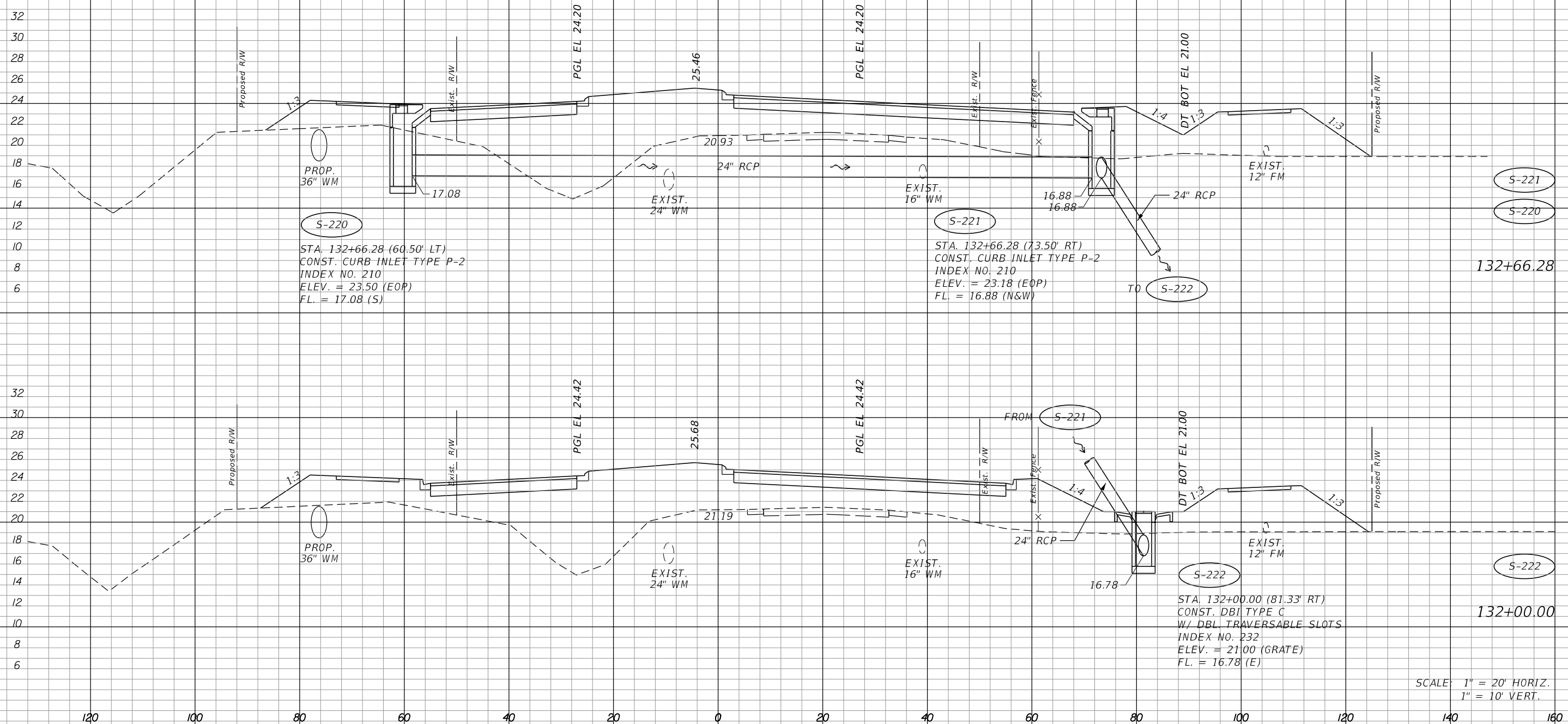
JOHNSON
 ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

DRAINAGE STRUCTURES
ALICO ROAD

SHEET NO.
 106

¢ CONST.



SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

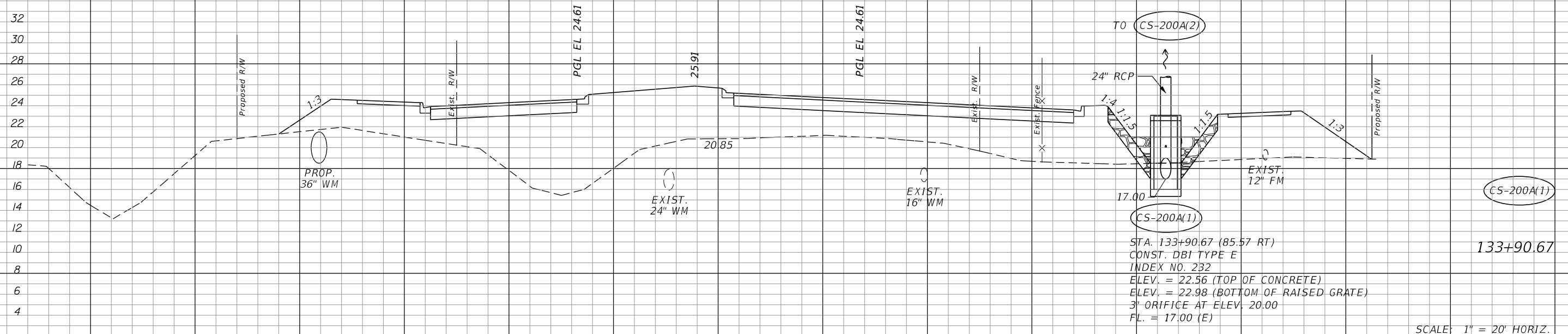
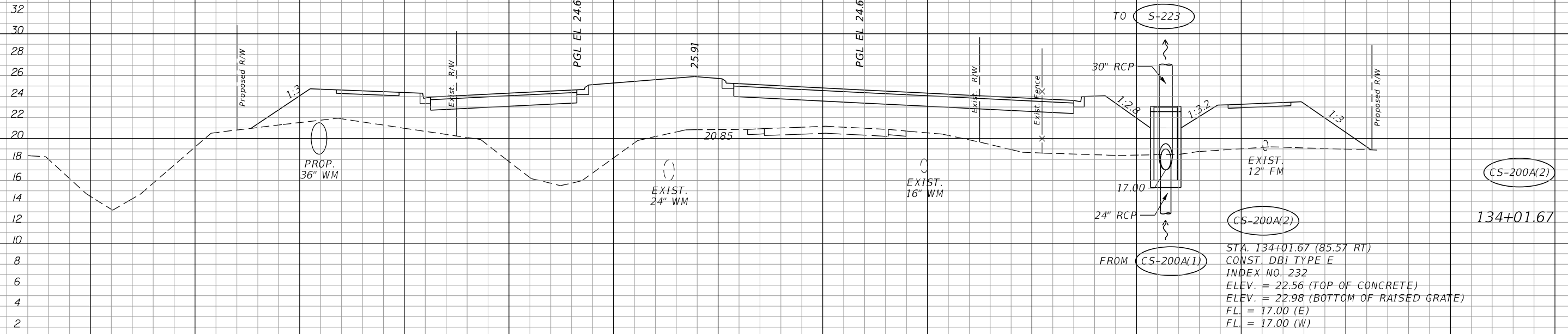
JOHNSON
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EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

DRAINAGE STRUCTURES
ALICO ROAD

SHEET
NO.
107

¢ CONST.



SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

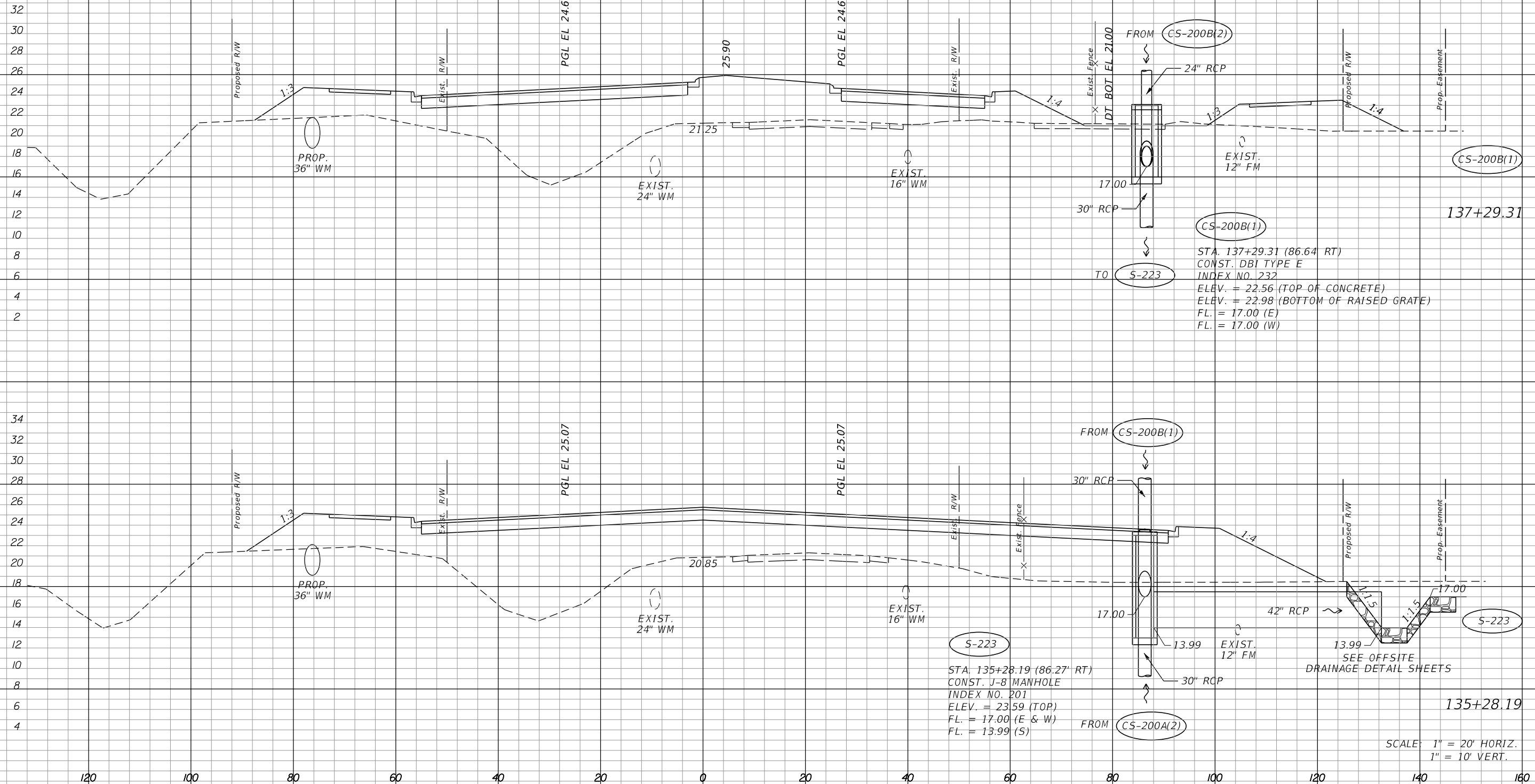
JOHNSON
ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

DRAINAGE STRUCTURES
ALICO ROAD

SHEET
NO.
108

CONST.



STA. 137+29.31 (86.64 RT)
 CONST. DBI TYPE E
 INDEX NO. 232
 ELEV. = 22.56 (TOP OF CONCRETE)
 ELEV. = 22.98 (BOTTOM OF RAISED GRATE)
 FL. = 17.00 (E)
 FL. = 17.00 (W)

STA. 135+28.19 (86.27 RT)
 CONST. J-8 MANHOLE
 INDEX NO. 201
 ELEV. = 23.59 (TOP)
 FL. = 17.00 (E & W)
 FL. = 13.99 (S)

SCALE: 1" = 20' HORIZ.
 1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

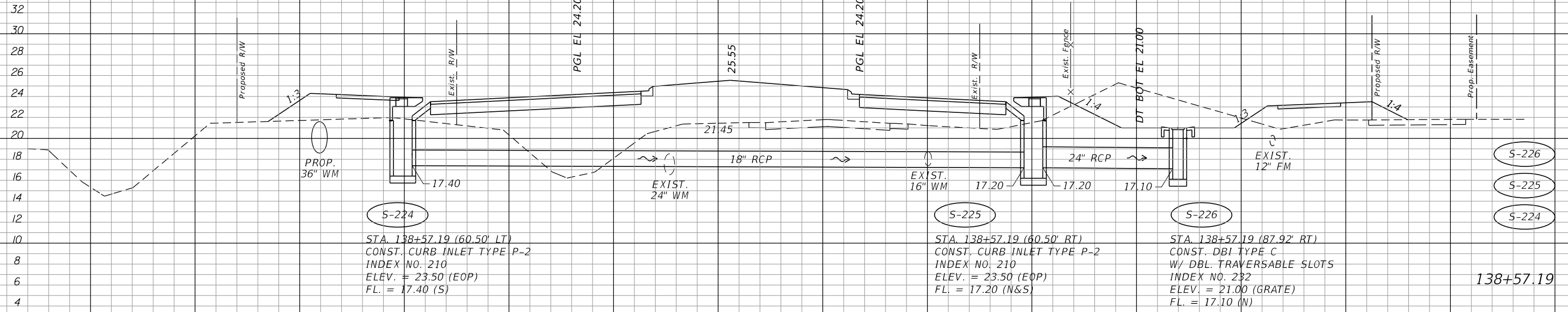
JOHNSON
 ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

DRAINAGE STRUCTURES
ALICO ROAD

SHEET NO.
 109

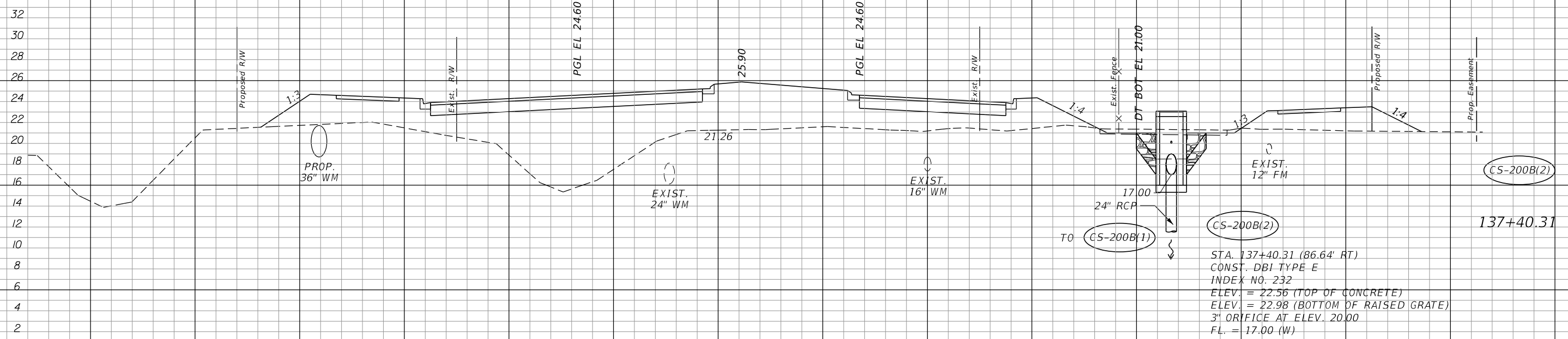
¢ CONST.



S-224
 STA. 138+57.19 (60.50' LT)
 CONST. CURB INLET TYPE P-2
 INDEX NO. 210
 ELEV. = 23.50 (EOP)
 FL. = 17.40 (S)

S-225
 STA. 138+57.19 (60.50' RT)
 CONST. CURB INLET TYPE P-2
 INDEX NO. 210
 ELEV. = 23.50 (EOP)
 FL. = 17.20 (N&S)

S-226
 STA. 138+57.19 (87.92' RT)
 CONST. DBI TYPE C
 W/ DBL. TRAVERSABLE SLOTS
 INDEX NO. 232
 ELEV. = 21.00 (GRATE)
 FL. = 17.10 (N)



CS-200B(1)
 STA. 137+40.31 (86.64' RT)
 CONST. DBI TYPE E
 INDEX NO. 232
 ELEV. = 22.56 (TOP OF CONCRETE)
 ELEV. = 22.98 (BOTTOM OF RAISED GRATE)
 3" ORIFICE AT ELEV. 20.00
 FL. = 17.00 (W)

SCALE: 1" = 20' HORIZ.
 1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

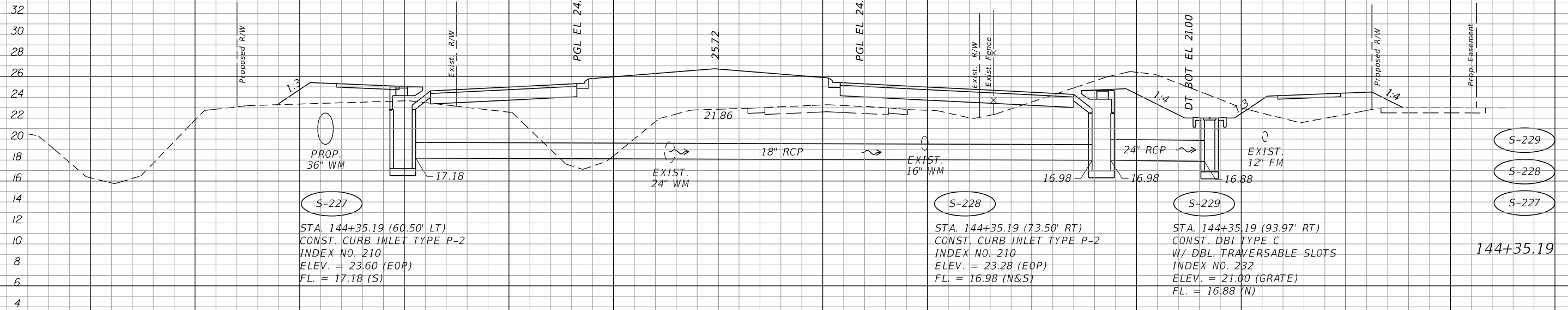
JOHNSON
 ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

DRAINAGE STRUCTURES
ALICO ROAD

SHEET NO.
 110

¢ CONST.



S-227

STA. 144+35.19 (60.50' LT)
 CONST. CURB INLET TYPE P-2
 INDEX NO. 210
 ELEV. = 23.60 (EOP)
 FL. = 17.18 (S)

S-228

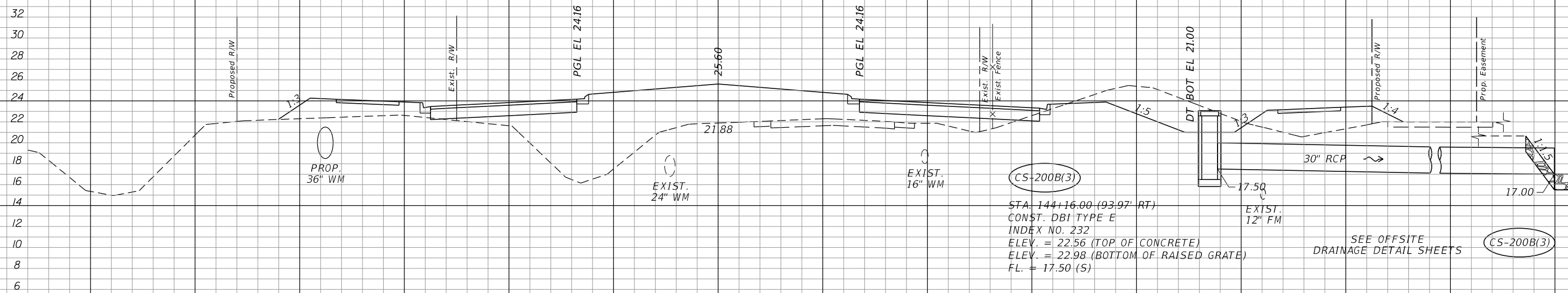
STA. 144+35.19 (73.50' RT)
 CONST. CURB INLET TYPE P-2
 INDEX NO. 210
 ELEV. = 23.28 (EOP)
 FL. = 16.98 (N&S)

S-229

STA. 144+35.19 (93.97' RT)
 CONST. DBI TYPE C
 W/ DBL. TRAVERSABLE SLOTS
 INDEX NO. 232
 ELEV. = 21.00 (GRATE)
 FL. = 16.88 (N)

S-229
 S-228
 S-227

144+35.19



CS-200B(3)

STA. 144+16.00 (93.97' RT)
 CONST. DBI TYPE E
 INDEX NO. 232
 ELEV. = 22.56 (TOP OF CONCRETE)
 ELEV. = 22.98 (BOTTOM OF RAISED GRATE)
 FL. = 17.50 (S)

SEE OFFSITE
 DRAINAGE DETAIL SHEETS

CS-200B(3)

144+16.00

SCALE: 1" = 20' HORIZ.
 1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

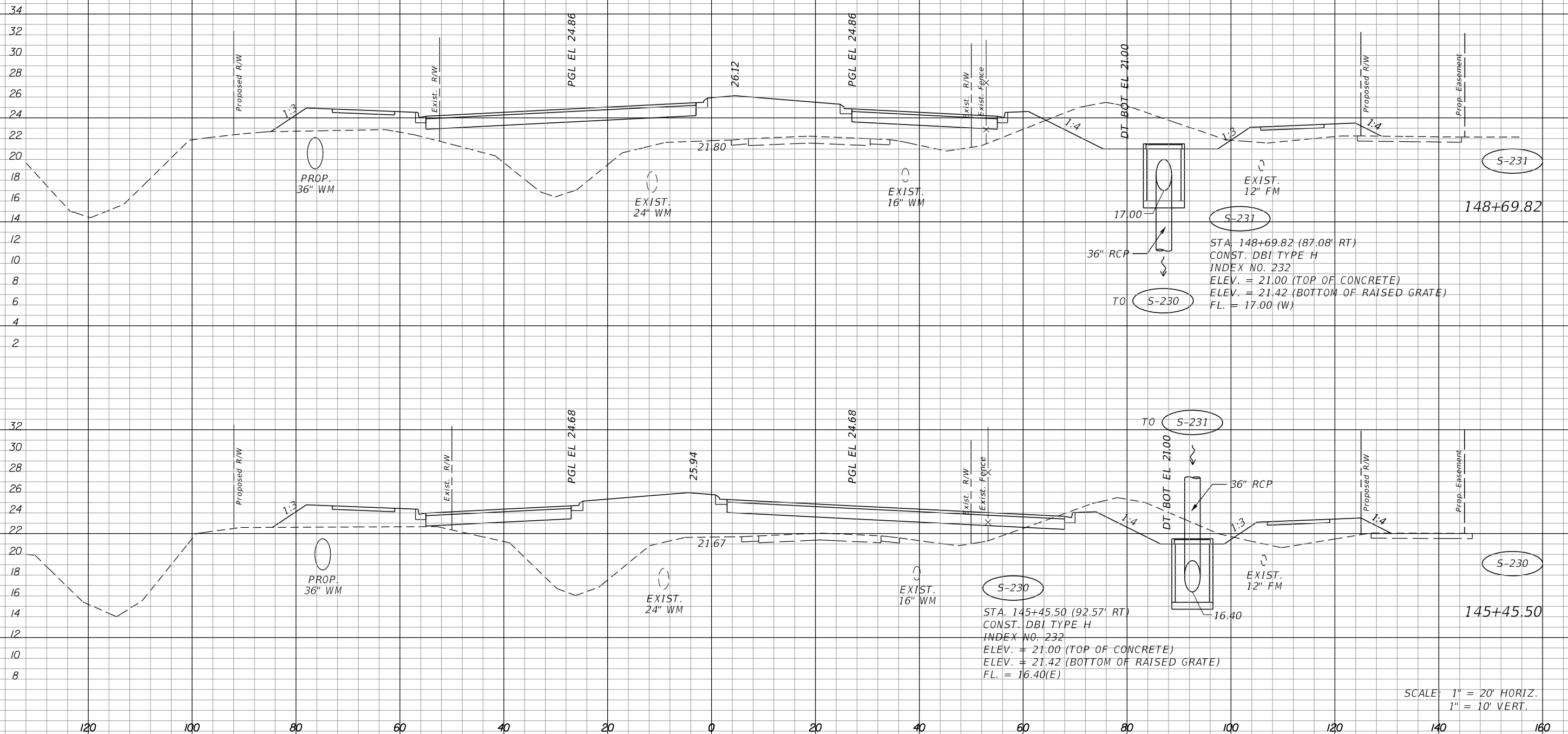
JOHNSON
 ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

DRAINAGE STRUCTURES
ALICO ROAD

SHEET
 NO.
 111

¢ CONST.



SCALE: 1" = 20' HORIZ.
 1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON
ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

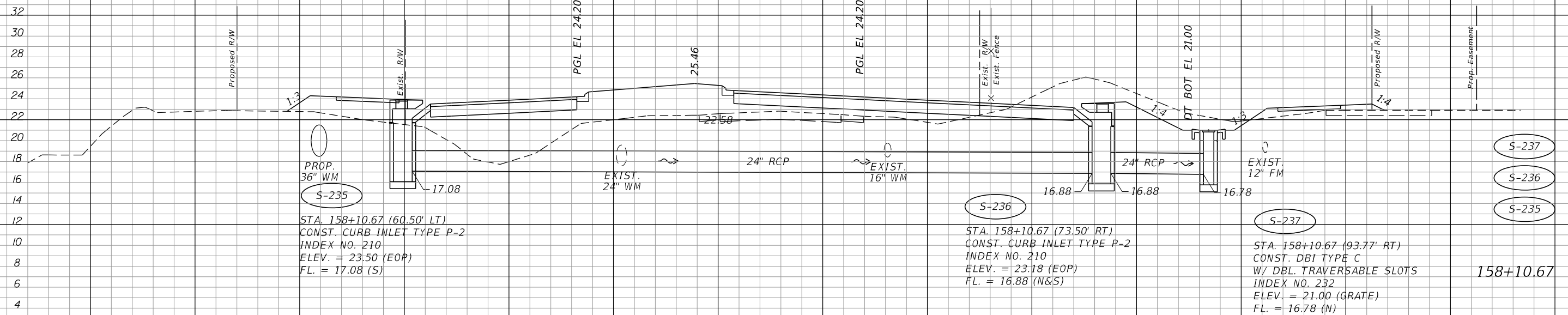
LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

DRAINAGE STRUCTURES
ALICO ROAD

SHEET NO.

112

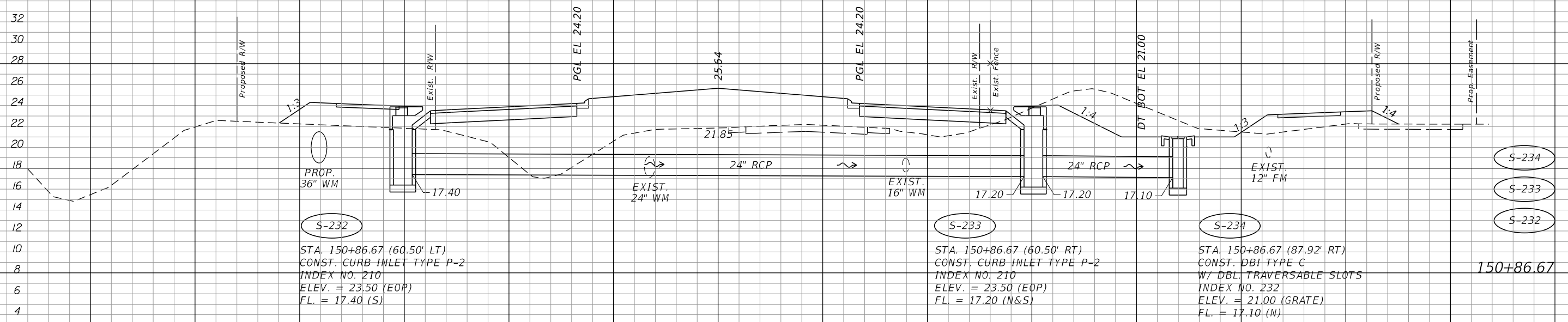
¢ CONST.



STA. 158+10.67 (60.50' LT)
 CONST. CURB INLET TYPE P-2
 INDEX NO. 210
 ELEV. = 23.50 (EOP)
 FL. = 17.08 (S)

STA. 158+10.67 (73.50' RT)
 CONST. CURB INLET TYPE P-2
 INDEX NO. 210
 ELEV. = 23.18 (EOP)
 FL. = 16.88 (N&S)

STA. 158+10.67 (93.77' RT)
 CONST. DBI TYPE C
 W/ DBL. TRAVERSABLE SLOTS
 INDEX NO. 232
 ELEV. = 21.00 (GRATE)
 FL. = 16.78 (N)



STA. 150+86.67 (60.50' LT)
 CONST. CURB INLET TYPE P-2
 INDEX NO. 210
 ELEV. = 23.50 (EOP)
 FL. = 17.40 (S)

STA. 150+86.67 (60.50' RT)
 CONST. CURB INLET TYPE P-2
 INDEX NO. 210
 ELEV. = 23.50 (EOP)
 FL. = 17.20 (N&S)

STA. 150+86.67 (87.92' RT)
 CONST. DBI TYPE C
 W/ DBL. TRAVERSABLE SLOTS
 INDEX NO. 232
 ELEV. = 21.00 (GRATE)
 FL. = 17.10 (N)

SCALE: 1" = 20' HORIZ.
 1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

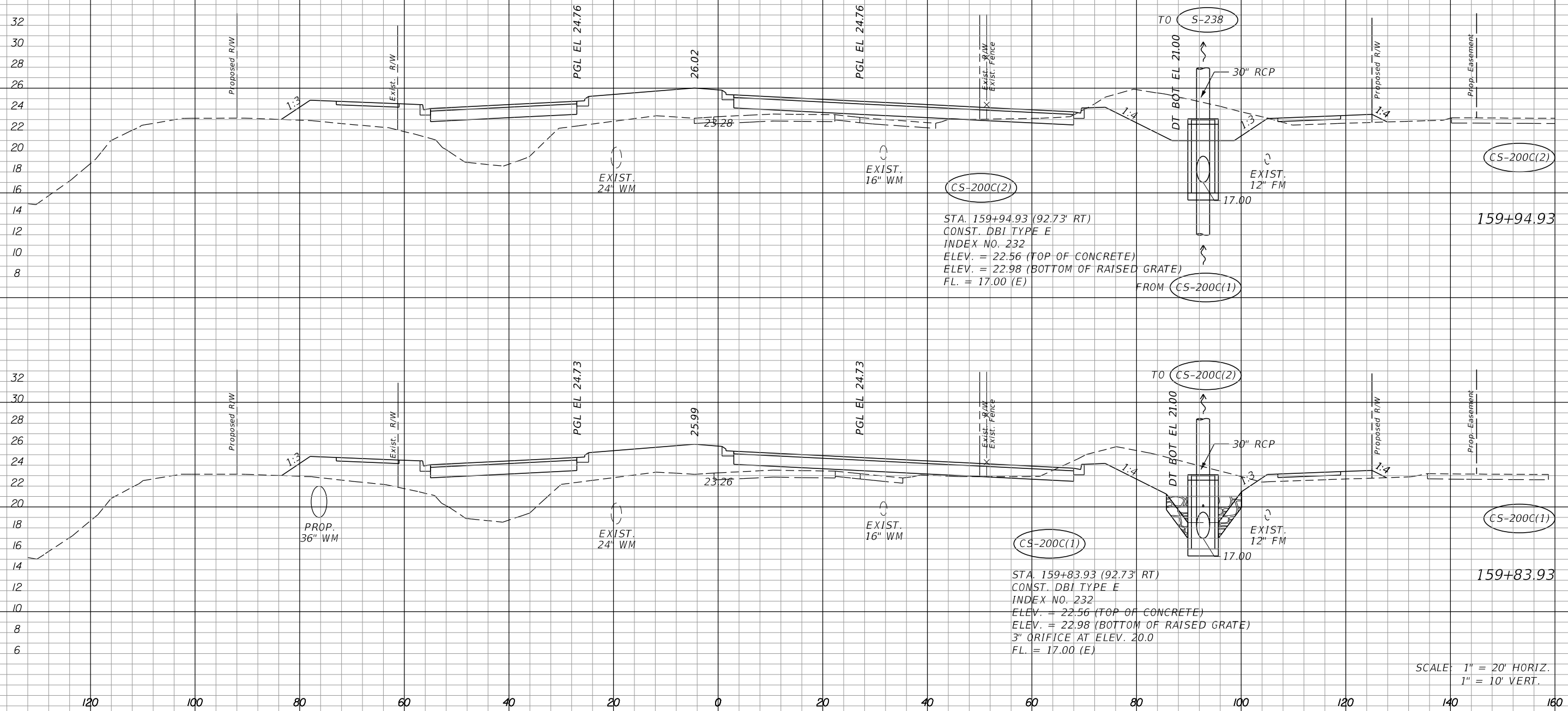
JOHNSON
 ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

DRAINAGE STRUCTURES
ALICO ROAD

SHEET NO.
 113

¢ CONST.



STA. 159+94.93 (92.73' RT)
 CONST. DBI TYPE E
 INDEX NO. 232
 ELEV. = 22.56 (TOP OF CONCRETE)
 ELEV. = 22.98 (BOTTOM OF RAISED GRATE)
 FL. = 17.00 (E)

STA. 159+83.93 (92.73' RT)
 CONST. DBI TYPE E
 INDEX NO. 232
 ELEV. = 22.56 (TOP OF CONCRETE)
 ELEV. = 22.98 (BOTTOM OF RAISED GRATE)
 3" ORIFICE AT ELEV. 20.0
 FL. = 17.00 (E)

SCALE: 1" = 20' HORIZ.
 1" = 10' VERT.

REVISIONS	
DATE	DESCRIPTION

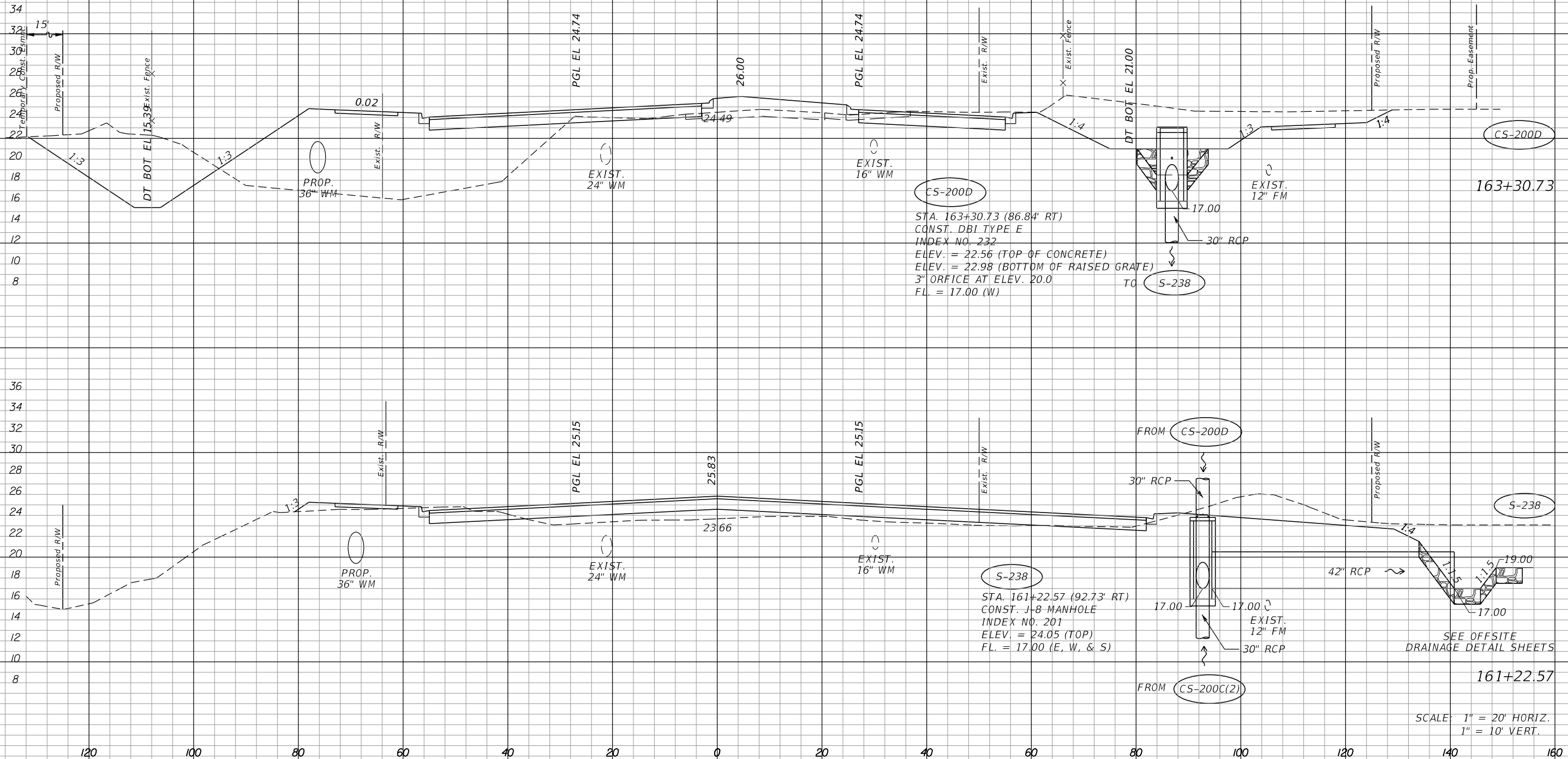
JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

DRAINAGE STRUCTURES
ALICO ROAD

SHEET NO.
 114

¢ CONST.



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

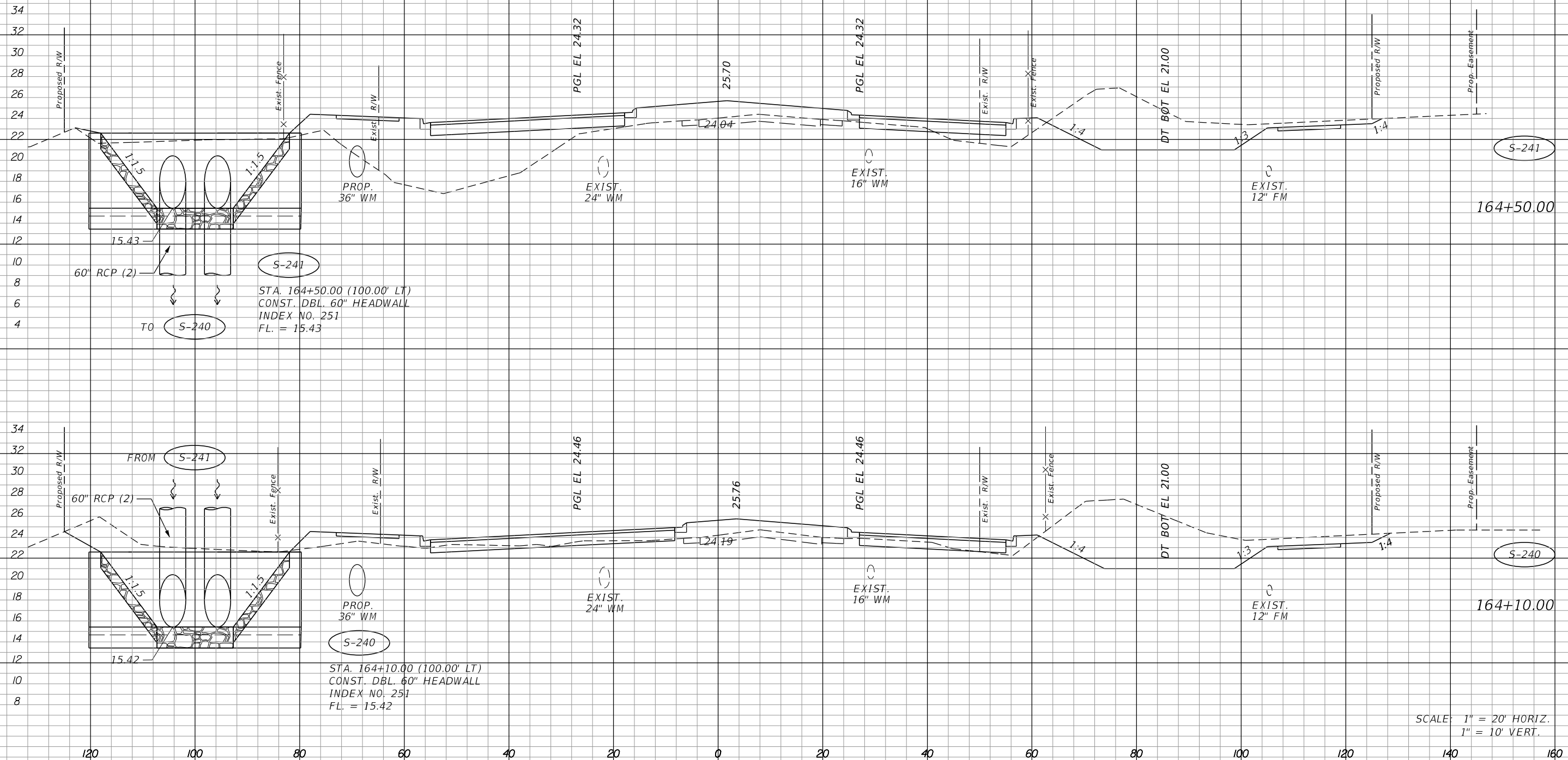
JOHNSON
ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

DRAINAGE STRUCTURES
ALICO ROAD

SHEET NO.
 115

¢ CONST.



SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON
ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

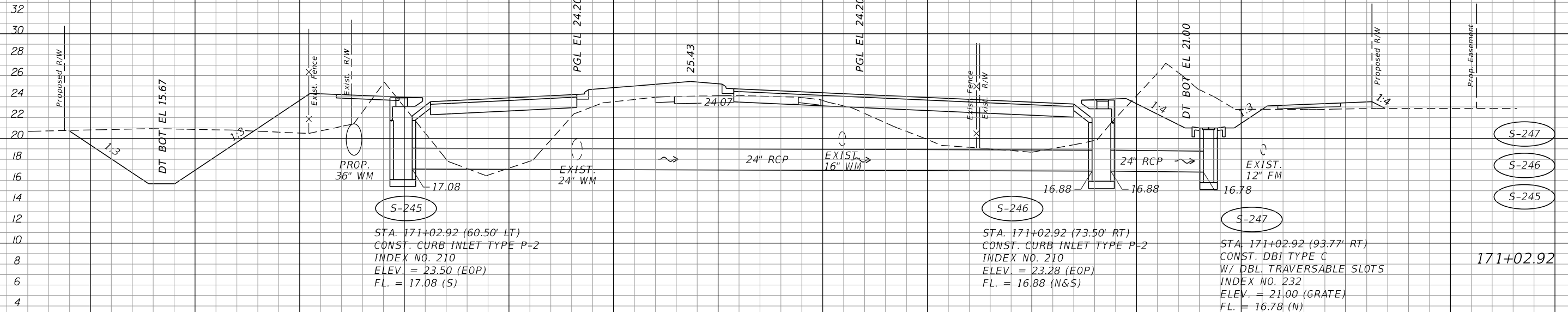
LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

DRAINAGE STRUCTURES
ALICO ROAD

SHEET NO.
116

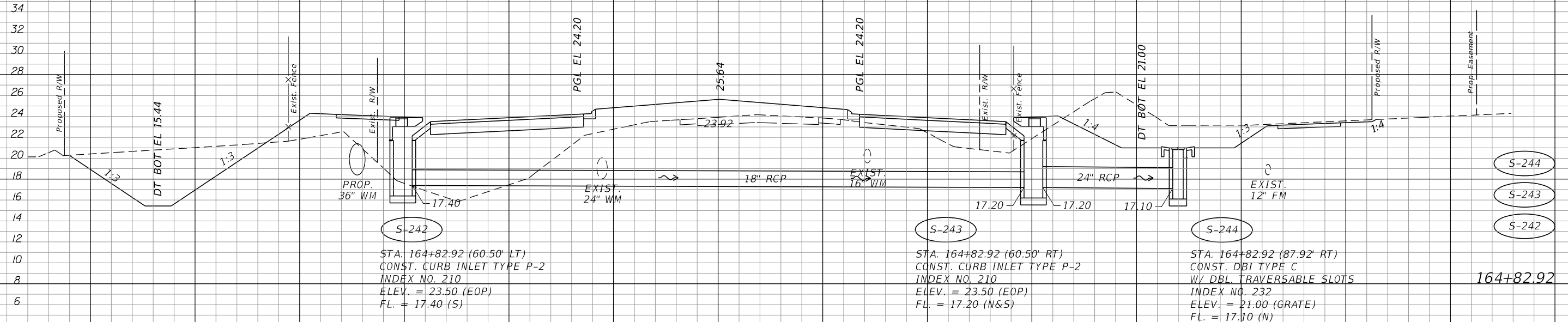
¢ CONST.



STA. 171+02.92 (60.50' LT)
 CONST. CURB INLET TYPE P-2
 INDEX NO. 210
 ELEV. = 23.50 (EOP)
 FL. = 17.08 (S)

STA. 171+02.92 (73.50' RT)
 CONST. CURB INLET TYPE P-2
 INDEX NO. 210
 ELEV. = 23.28 (EOP)
 FL. = 16.88 (N&S)

STA. 171+02.92 (93.77' RT)
 CONST. DBI TYPE C
 W/ DBL TRAVERSABLE SLOTS
 INDEX NO. 232
 ELEV. = 21.00 (GRATE)
 FL. = 16.78 (N)



STA. 164+82.92 (60.50' LT)
 CONST. CURB INLET TYPE P-2
 INDEX NO. 210
 ELEV. = 23.50 (EOP)
 FL. = 17.40 (S)

STA. 164+82.92 (60.50' RT)
 CONST. CURB INLET TYPE P-2
 INDEX NO. 210
 ELEV. = 23.50 (EOP)
 FL. = 17.20 (N&S)

STA. 164+82.92 (87.92' RT)
 CONST. DBI TYPE C
 W/ DBL TRAVERSABLE SLOTS
 INDEX NO. 232
 ELEV. = 21.00 (GRATE)
 FL. = 17.10 (N)

SCALE: 1" = 20' HORIZ.
 1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

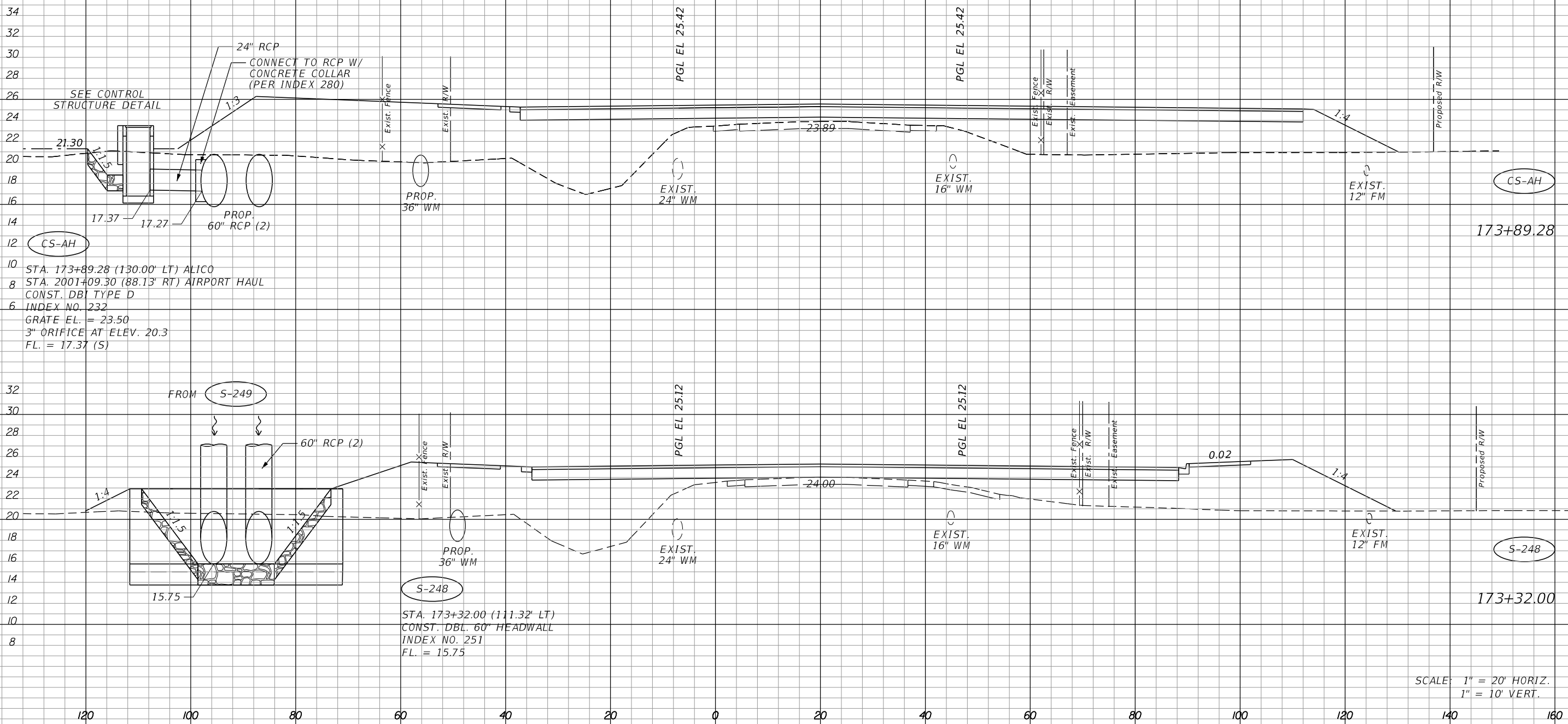
JOHNSON
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 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

DRAINAGE STRUCTURES
ALICO ROAD

SHEET NO.
 117

CONST.



10 STA. 173+89.28 (130.00' LT) ALICO
 8 STA. 2001+09.30 (88.13' RT) AIRPORT HAUL
 CONST. DBI TYPE D
 6 INDEX NO. 232
 GRATE EL. = 23.50
 3" ORIFICE AT ELEV. 20.3
 FL. = 17.37 (S)

STA. 173+32.00 (111.32' LT)
 CONST. DBL. 60" HEADWALL
 INDEX NO. 251
 FL. = 15.75

SCALE: 1" = 20' HORIZ.
 1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

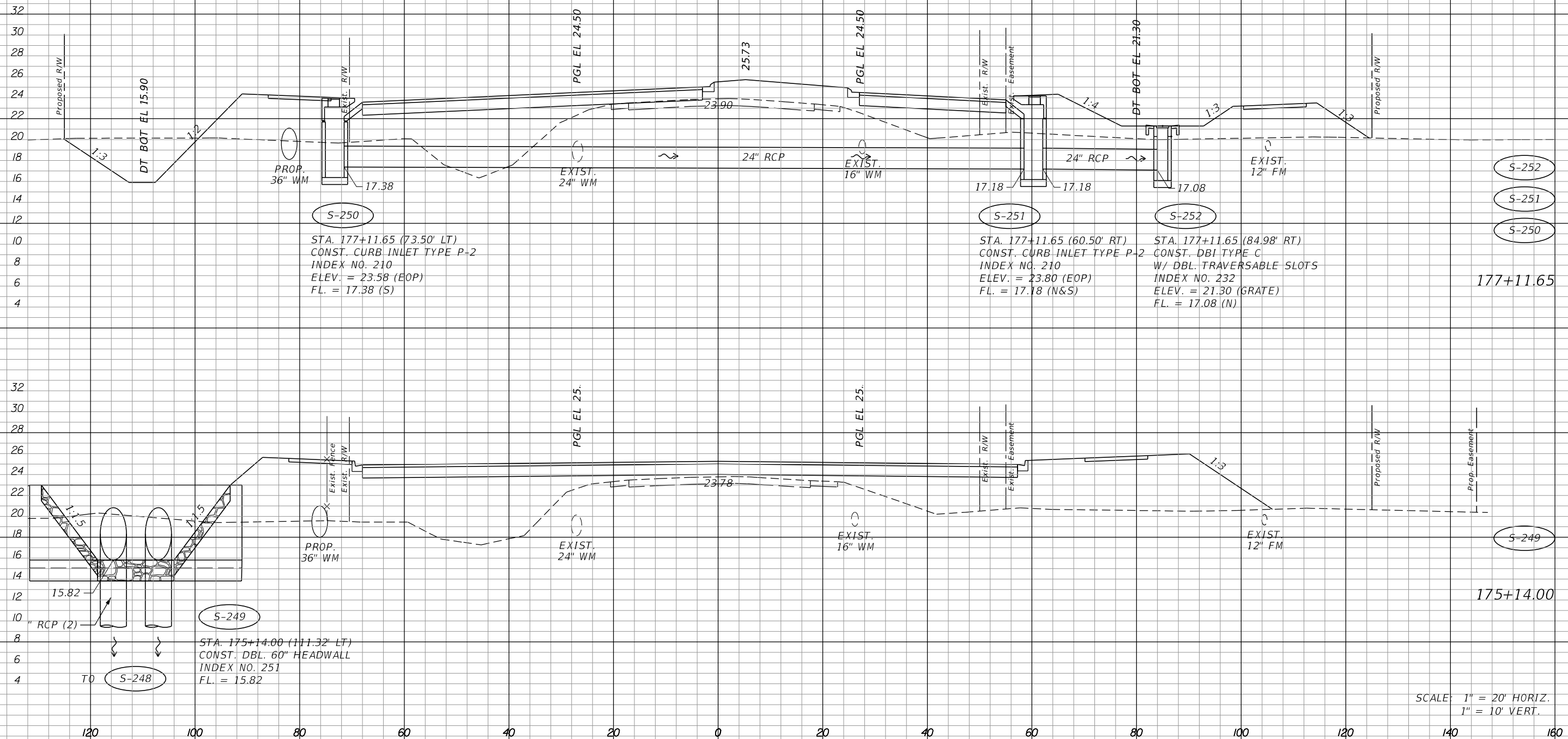
JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

DRAINAGE STRUCTURES
ALICO ROAD

SHEET NO.
 118

¢ CONST.



S-250
 STA. 177+11.65 (73.50' LT)
 CONST. CURB INLET TYPE P-2
 INDEX NO. 210
 ELEV. = 23.58 (EOP)
 FL. = 17.38 (S)

S-251
 STA. 177+11.65 (60.50' RT)
 CONST. CURB INLET TYPE P-2
 INDEX NO. 210
 ELEV. = 23.80 (EOP)
 FL. = 17.18 (N&S)

S-252
 STA. 177+11.65 (84.98' RT)
 CONST. DBI TYPE C
 W/ DBL. TRAVERSABLE SLOTS
 INDEX NO. 232
 ELEV. = 21.30 (GRATE)
 FL. = 17.08 (N)

S-249
 STA. 175+14.00 (111.32' LT)
 CONST. DBL. 60" HEADWALL
 INDEX NO. 251
 FL. = 15.82

SCALE: 1" = 20' HORIZ.
 1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

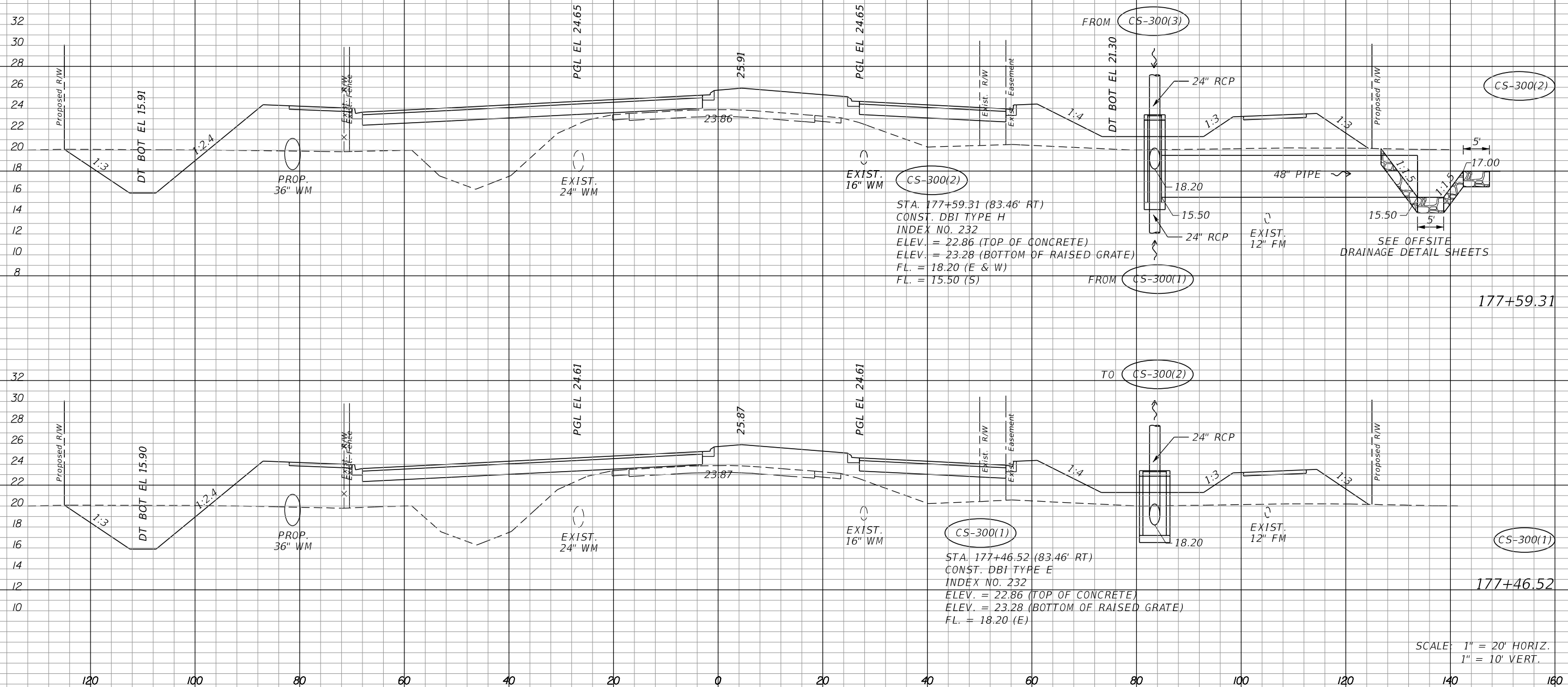
JOHNSON
 ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

DRAINAGE STRUCTURES
ALICO ROAD

SHEET NO.
 119

¢ CONST.



SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

REVISIONS	
DATE	DESCRIPTION

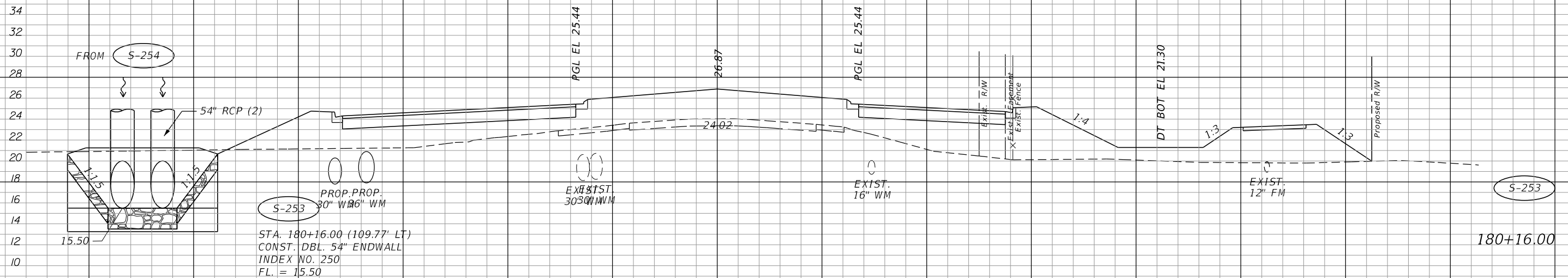
JOHNSON ENGINEERING
 2122 JOHNSON STREET
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 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

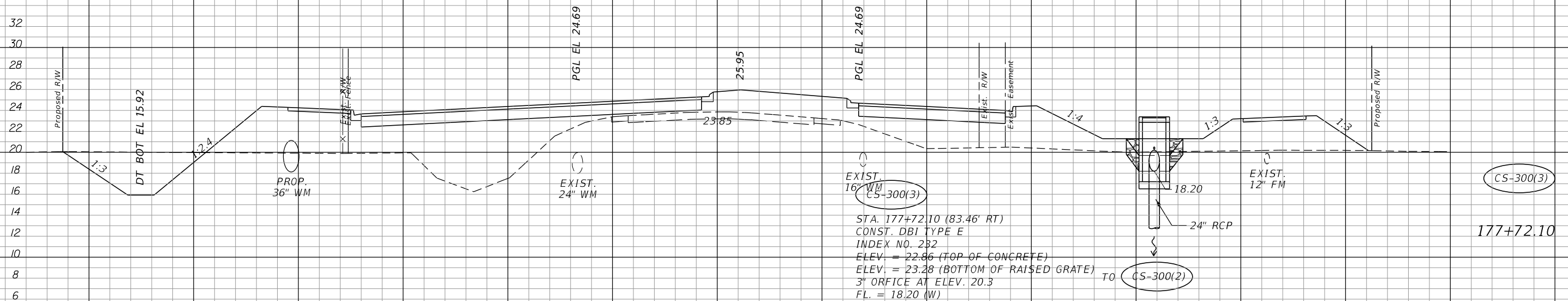
DRAINAGE STRUCTURES
ALICO ROAD

SHEET NO.
120

¢ CONST.



STA. 180+16.00 (109.77' LT)
CONST. DBL. 54" ENDWALL
INDEX NO. 250
FL. = 15.50



STA. 177+72.10 (83.46' RT)
CONST. DBI TYPE E
INDEX NO. 232
ELEV. = 22.86 (TOP OF CONCRETE)
ELEV. = 23.28 (BOTTOM OF RAISED GRATE)
3" ORFICE AT ELEV. 20.3
FL. = 18.20 (W) TO CS-300(2)

SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

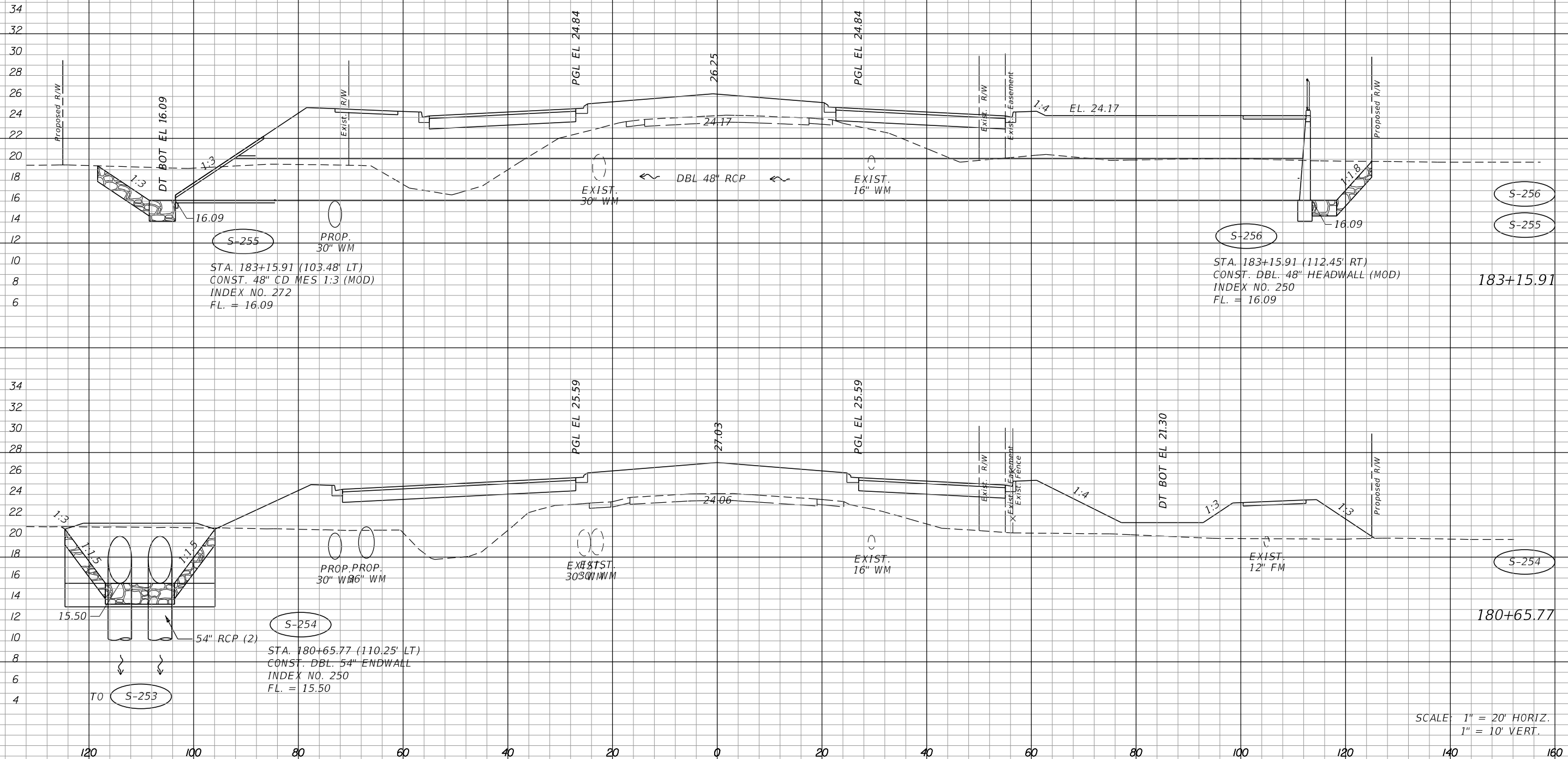
JOHNSON
ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

DRAINAGE STRUCTURES
ALICO ROAD

SHEET NO.
121

¢ CONST.



STA. 183+15.91 (103.48' LT)
 CONST. 48" CD MES 1:3 (MOD)
 INDEX NO. 272
 FL. = 16.09

STA. 183+15.91 (112.45' RT)
 CONST. DBL. 48" HEADWALL (MOD)
 INDEX NO. 250
 FL. = 16.09

STA. 180+65.77 (110.25' LT)
 CONST. DBL. 54" ENDWALL
 INDEX NO. 250
 FL. = 15.50

SCALE: 1" = 20' HORIZ.
 1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

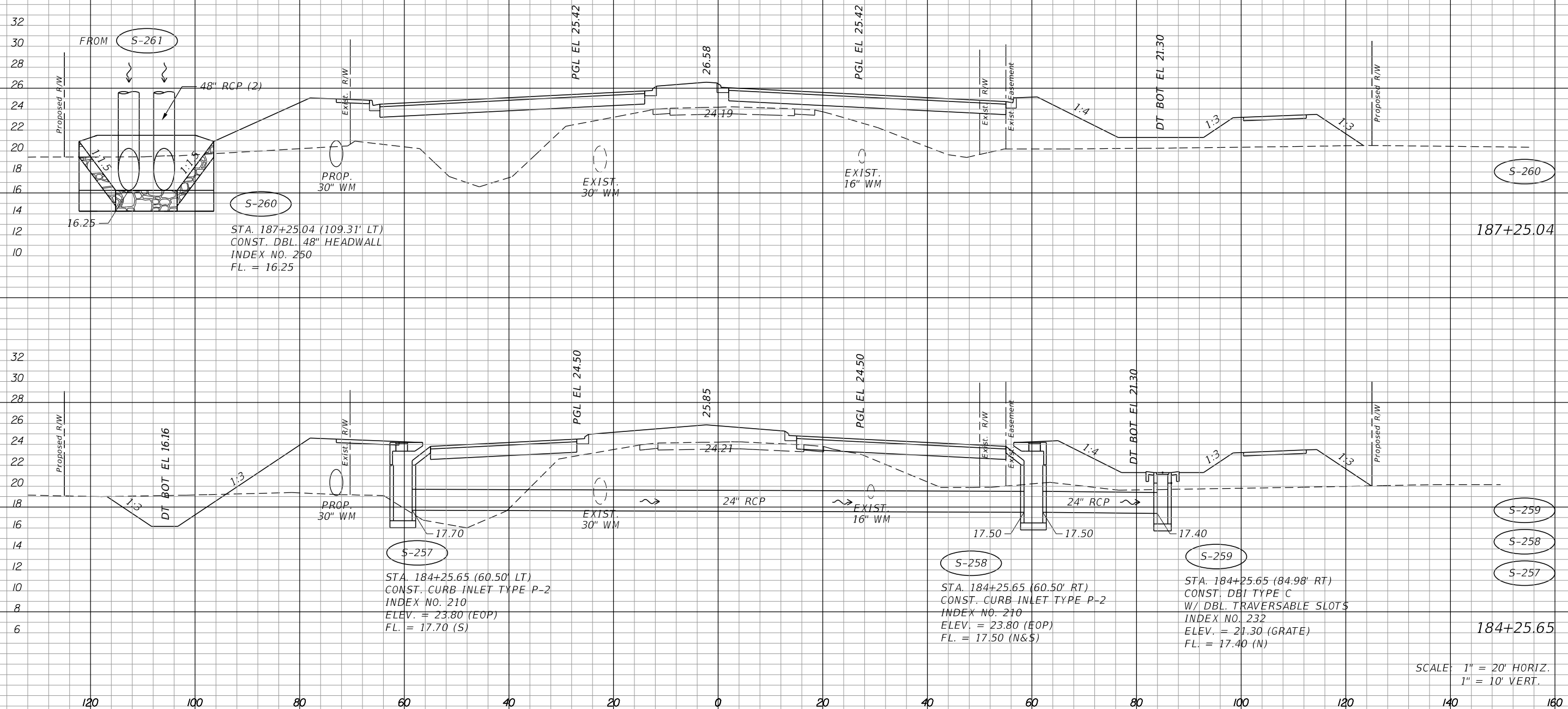
JOHNSON
 ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

DRAINAGE STRUCTURES
ALICO ROAD

SHEET NO.
 122

¢ CONST.



STA. 187+25.04 (109.31' LT)
 CONST. DBL. 48" HEADWALL
 INDEX NO. 250
 FL. = 16.25

STA. 184+25.65 (60.50' LT)
 CONST. CURB INLET TYPE P-2
 INDEX NO. 210
 ELEV. = 23.80 (EOP)
 FL. = 17.70 (S)

STA. 184+25.65 (60.50' RT)
 CONST. CURB INLET TYPE P-2
 INDEX NO. 210
 ELEV. = 23.80 (EOP)
 FL. = 17.50 (N&S)

STA. 184+25.65 (84.98' RT)
 CONST. DBI TYPE C
 W/ DBL. TRAVERSABLE SLOTS
 INDEX NO. 232
 ELEV. = 21.30 (GRATE)
 FL. = 17.40 (N)

SCALE: 1" = 20' HORIZ.
 1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

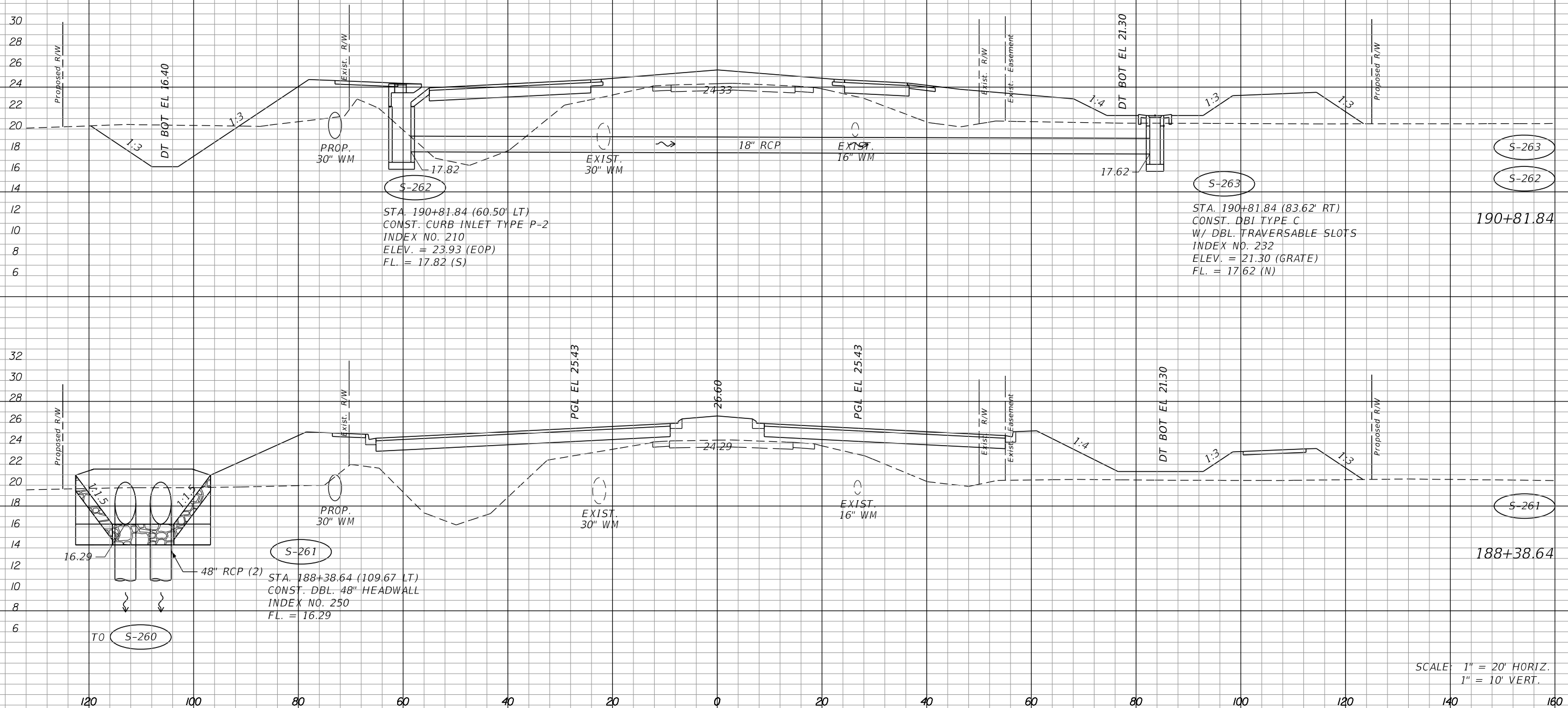
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 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

DRAINAGE STRUCTURES
ALICO ROAD

SHEET NO.
 123

¢ CONST.



SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON
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2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

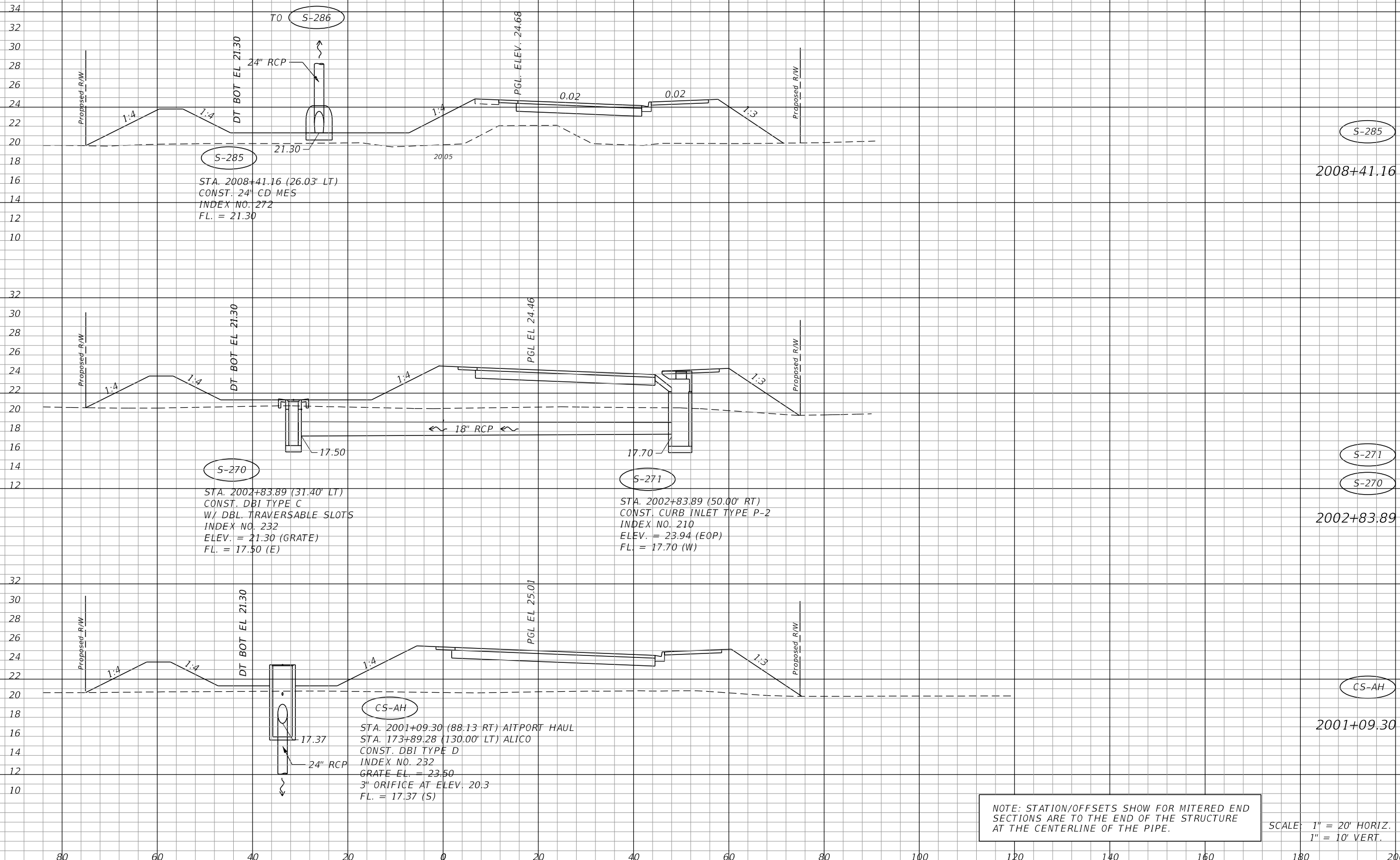
LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

DRAINAGE STRUCTURES
ALICO ROAD

SHEET NO.

124

CL CONST.



STA. 2008+41.16 (26.03' LT)
CONST. 24" CD MES
INDEX NO. 272
FL. = 21.30

STA. 2002+83.89 (31.40' LT)
CONST. DBI TYPE C
W/ DBL. TRAVERSABLE SLOTS
INDEX NO. 232
ELEV. = 21.30 (GRATE)
FL. = 17.50 (E)

STA. 2002+83.89 (50.00' RT)
CONST. CURB INLET TYPE P-2
INDEX NO. 210
ELEV. = 23.94 (EOP)
FL. = 17.70 (W)

STA. 2001+09.30 (88.13 RT) AIRPORT HAUL
STA. 173+89.28 (130.00' LT) ALICO
CONST. DBI TYPE D
INDEX NO. 232
GRATE EL. = 23.50
3" ORIFICE AT ELEV. 20.3
FL. = 17.37 (S)

NOTE: STATION/OFFSETS SHOW FOR MITERED END SECTIONS ARE TO THE END OF THE STRUCTURE AT THE CENTERLINE OF THE PIPE.

SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

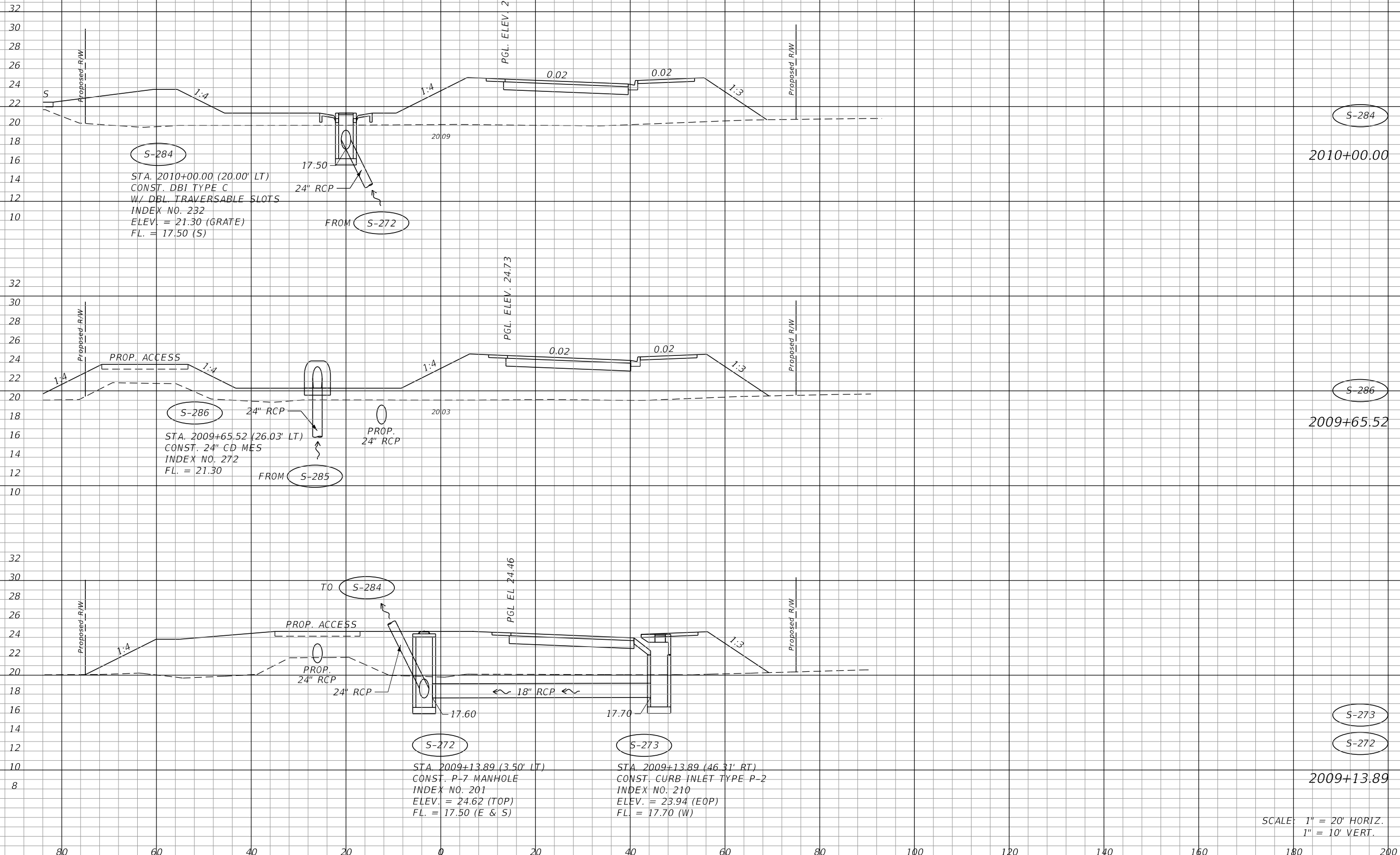
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FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

DRAINAGE STRUCTURES
AIRPORT HAUL ROAD

SHEET NO.
125

¢ CONST.



S-284
 STA. 2010+00.00 (20.00' LT)
 CONST. DBI TYPE C
 W/ DBL TRAVERSABLE SLOTS
 INDEX NO. 232
 ELEV. = 21.30 (GRATE)
 FL. = 17.50 (S)

S-286
 STA. 2009+65.52 (26.03' LT)
 CONST. 24" CD MES
 INDEX NO. 272
 FL. = 21.30

S-272
 STA. 2009+13.89 (3.50' LT)
 CONST. P-7 MANHOLE
 INDEX NO. 201
 ELEV. = 24.62 (TOP)
 FL. = 17.50 (E & S)

S-273
 STA. 2009+13.89 (46.31' RT)
 CONST. CURB INLET TYPE P-2
 INDEX NO. 210
 ELEV. = 23.94 (EOP)
 FL. = 17.70 (W)

SCALE: 1" = 20' HORIZ.
 1" = 10' VERT.

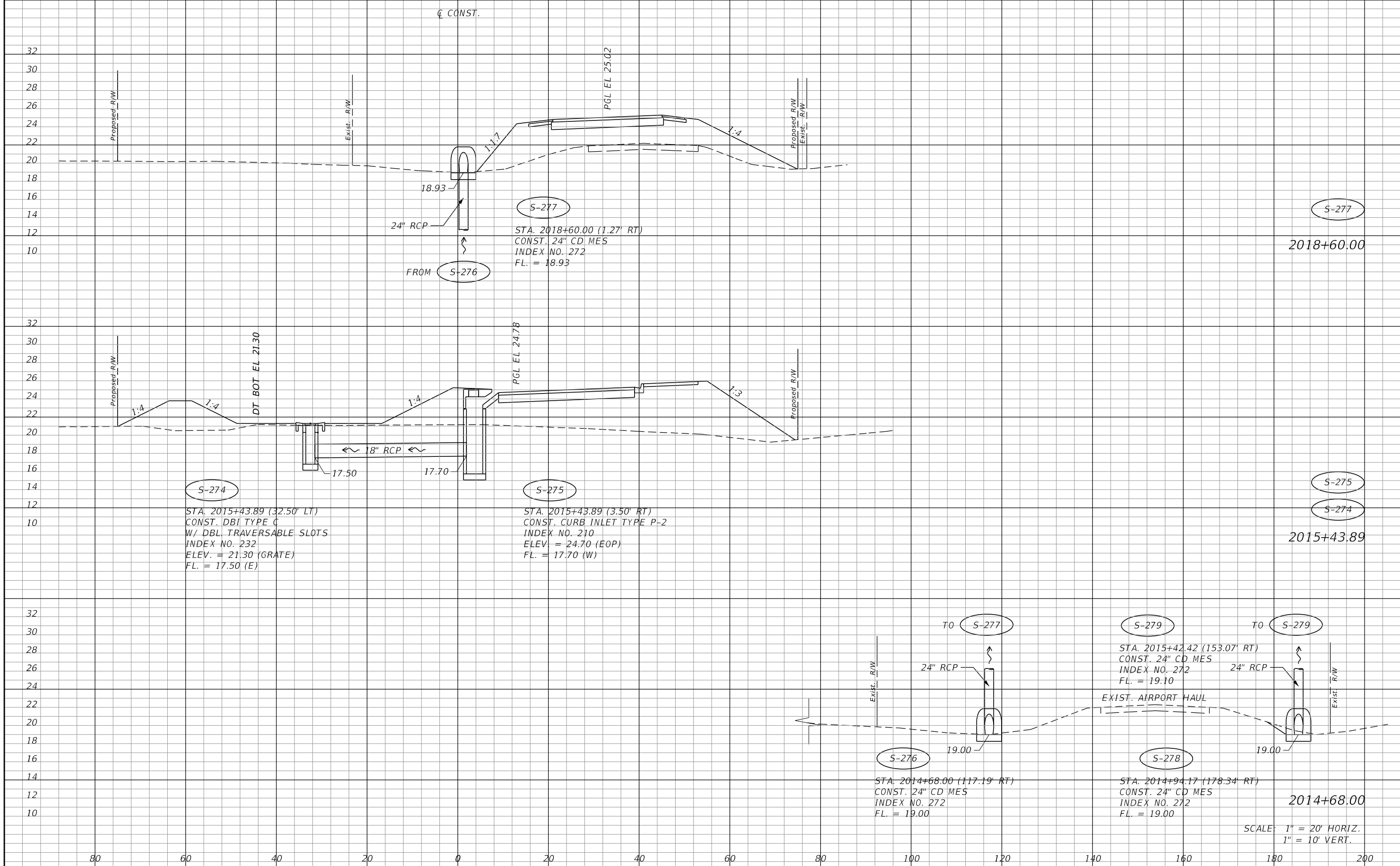
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON
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 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

DRAINAGE STRUCTURES
AIRPORT HAUL ROAD

SHEET NO.
 126



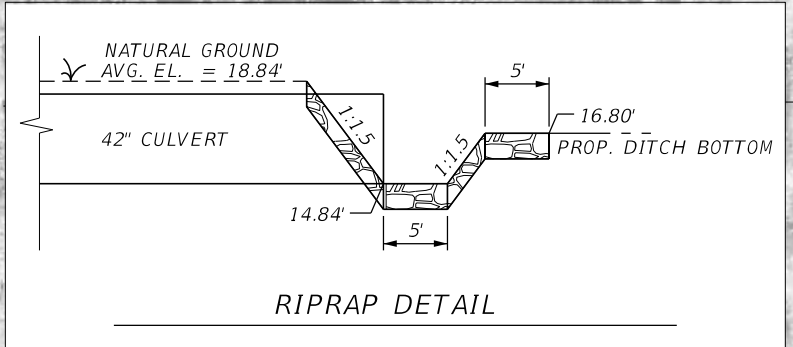
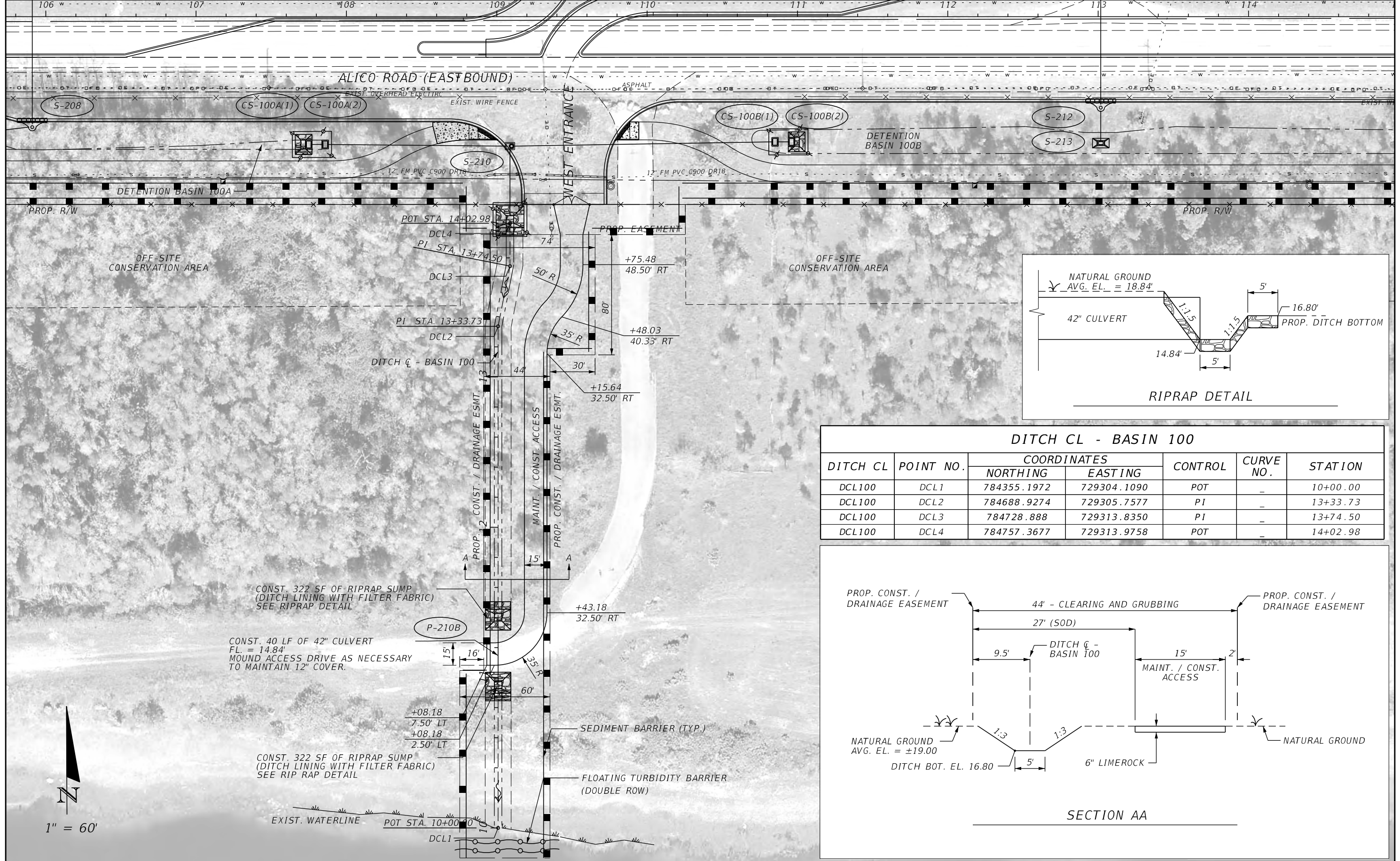
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

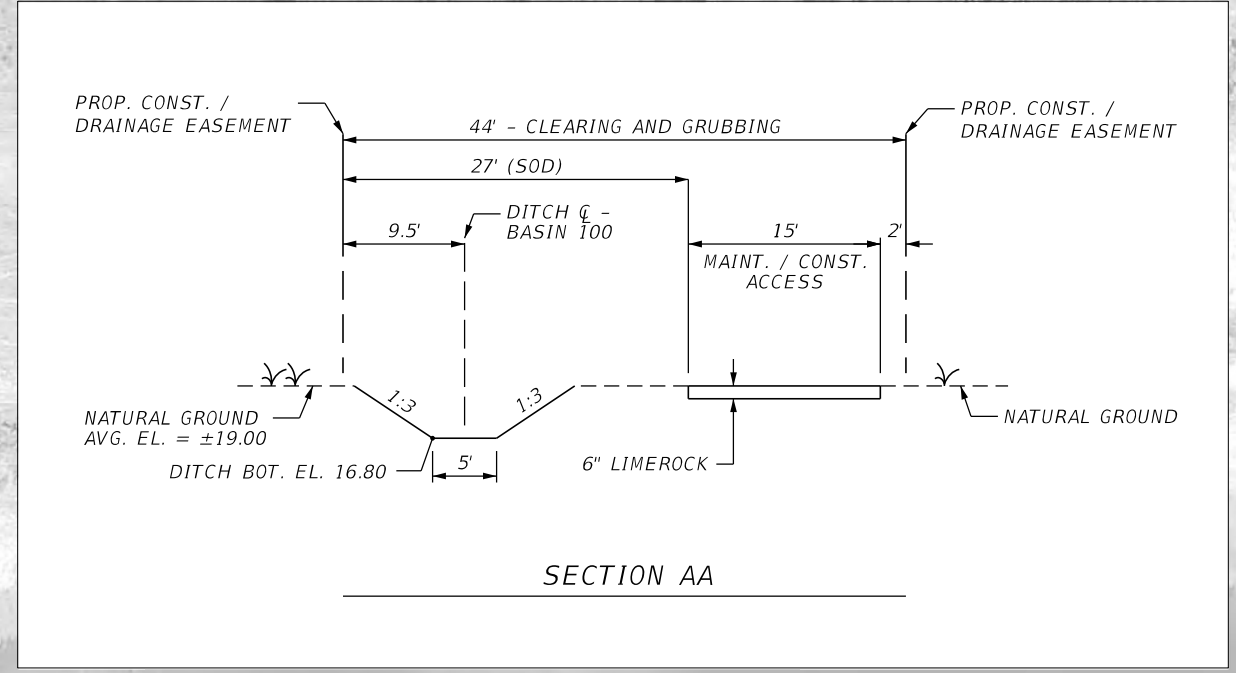
DRAINAGE STRUCTURES
AIRPORT HAUL ROAD

SHEET NO.
127



DITCH CL - BASIN 100

DITCH CL	POINT NO.	COORDINATES		CONTROL	CURVE NO.	STATION
		NORTHING	EASTING			
DCL100	DCL1	784355.1972	729304.1090	POT	-	10+00.00
DCL100	DCL2	784688.9274	729305.7577	PI	-	13+33.73
DCL100	DCL3	784728.888	729313.8350	PI	-	13+74.50
DCL100	DCL4	784757.3677	729313.9758	POT	-	14+02.98



CONST. 322 SF OF RIPRAP SUMP (DITCH LINING WITH FILTER FABRIC) SEE RIPRAP DETAIL

CONST. 40 LF OF 42" CULVERT FL. = 14.84' MOUND ACCESS DRIVE AS NECESSARY TO MAINTAIN 12" COVER.

CONST. 322 SF OF RIPRAP SUMP (DITCH LINING WITH FILTER FABRIC) SEE RIPRAP DETAIL



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

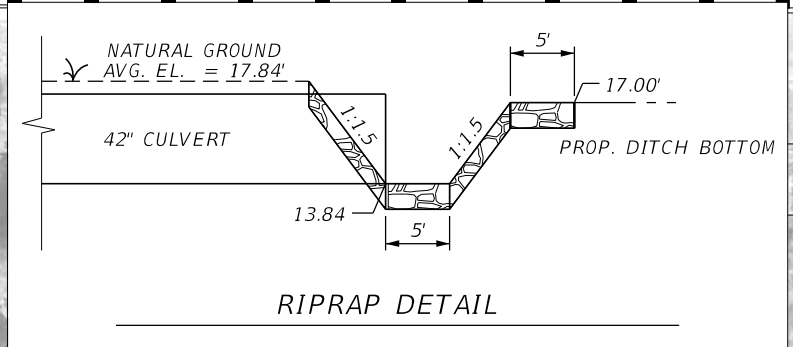
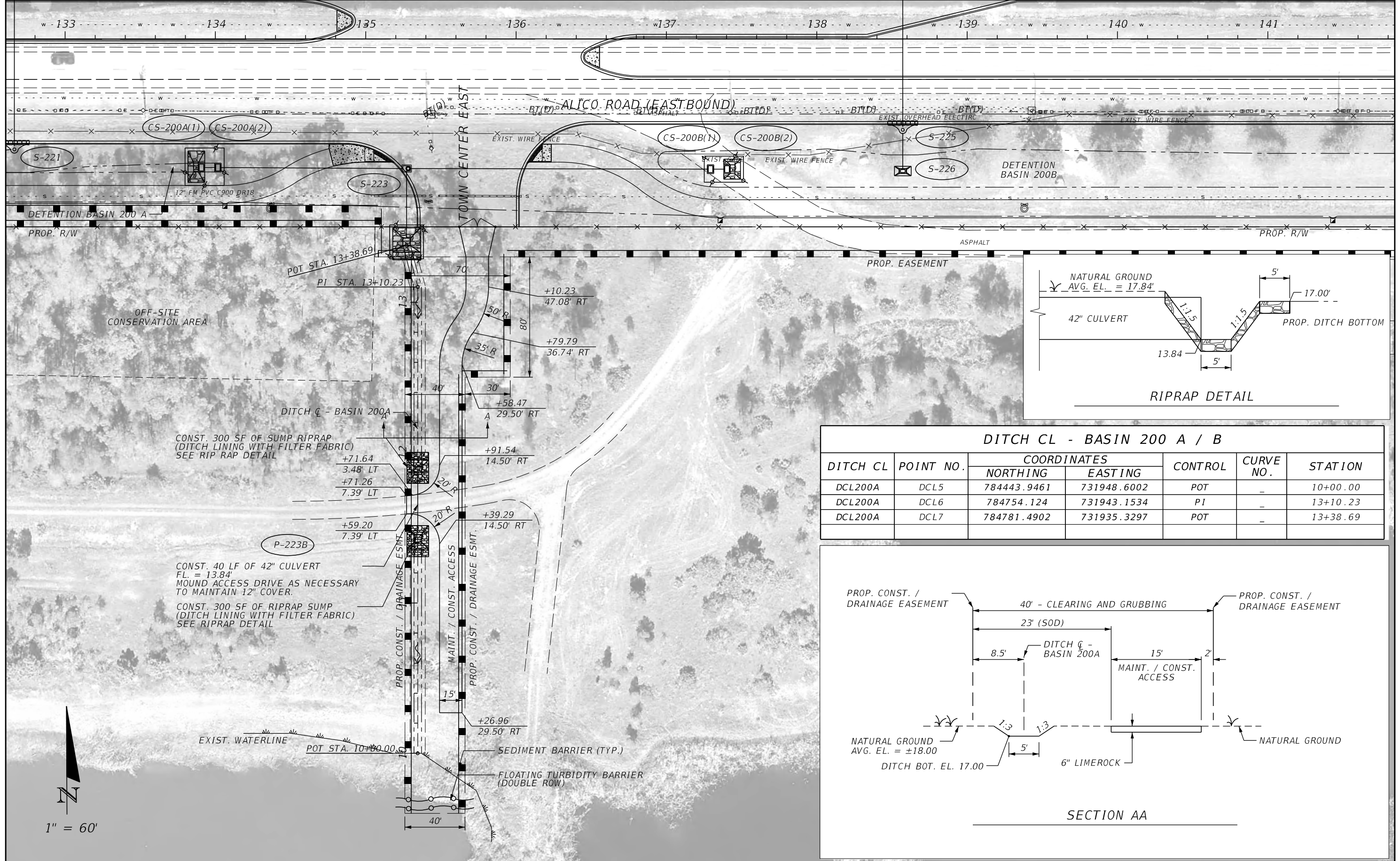
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 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY
 DEPARTMENT OF TRANSPORTATION

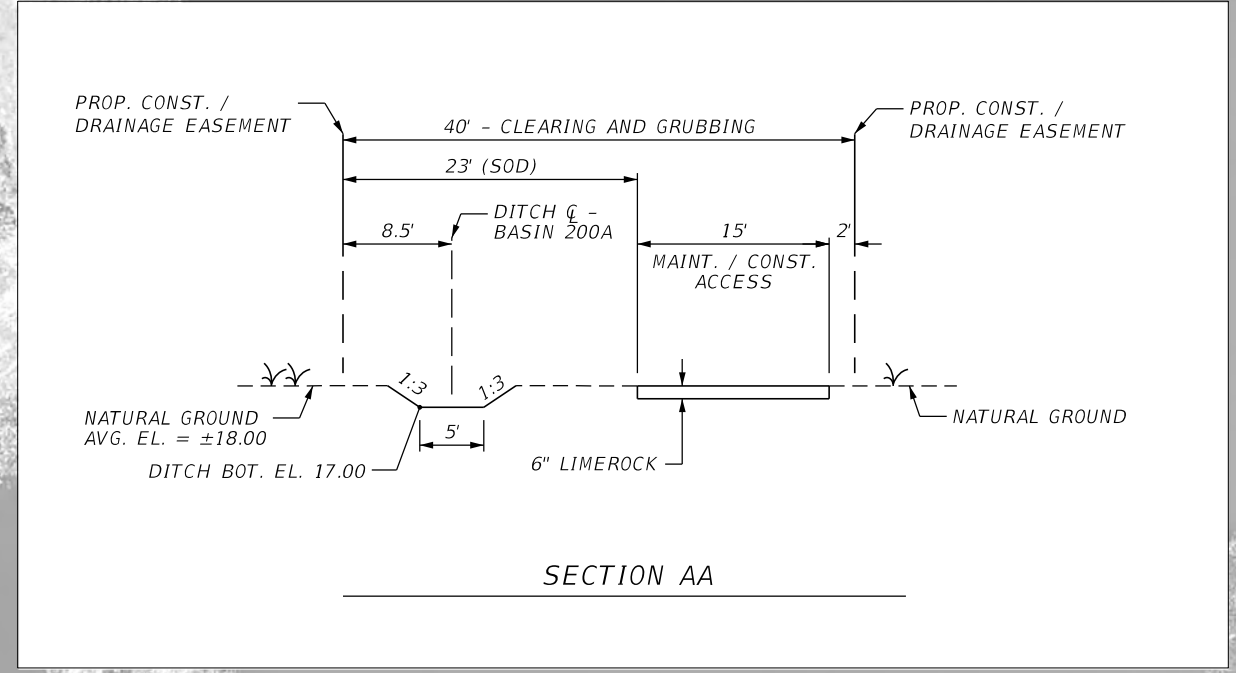
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

OFF-SITE DRAINAGE DETAIL
BASIN 100

SHEET NO.
 128



DITCH CL - BASIN 200 A / B						
DITCH CL	POINT NO.	COORDINATES		CONTROL	CURVE NO.	STATION
		NORTHING	EASTING			
DCL200A	DCL5	784443.9461	731948.6002	POT	-	10+00.00
DCL200A	DCL6	784754.124	731943.1534	P1	-	13+10.23
DCL200A	DCL7	784781.4902	731935.3297	POT	-	13+38.69



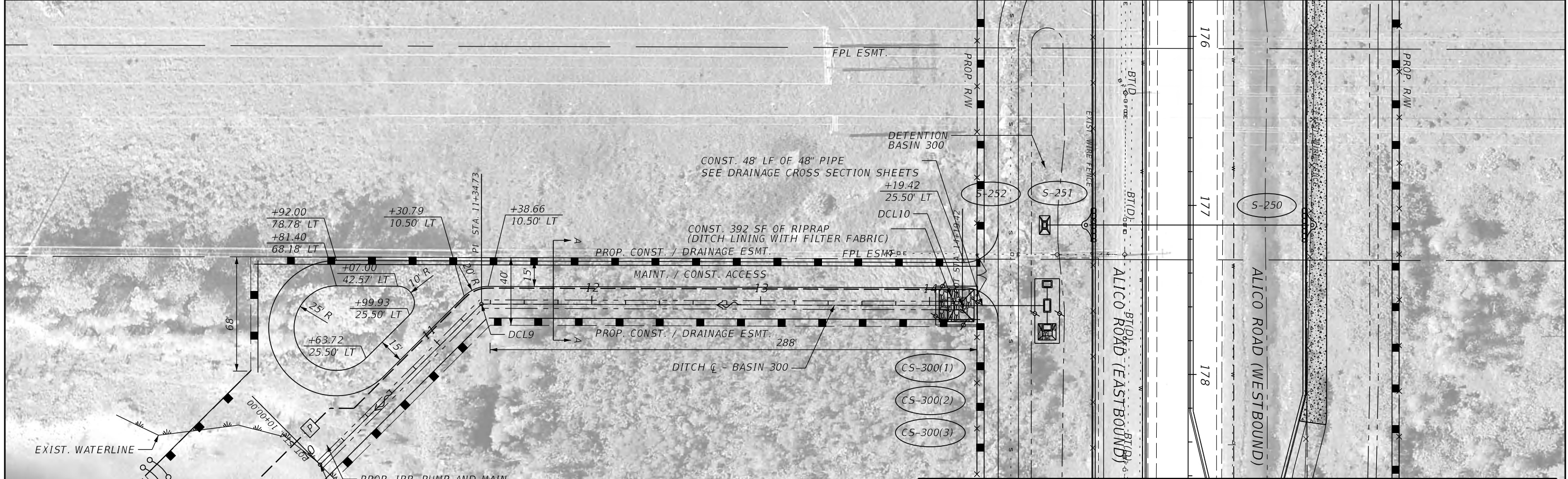
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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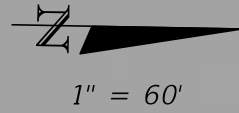
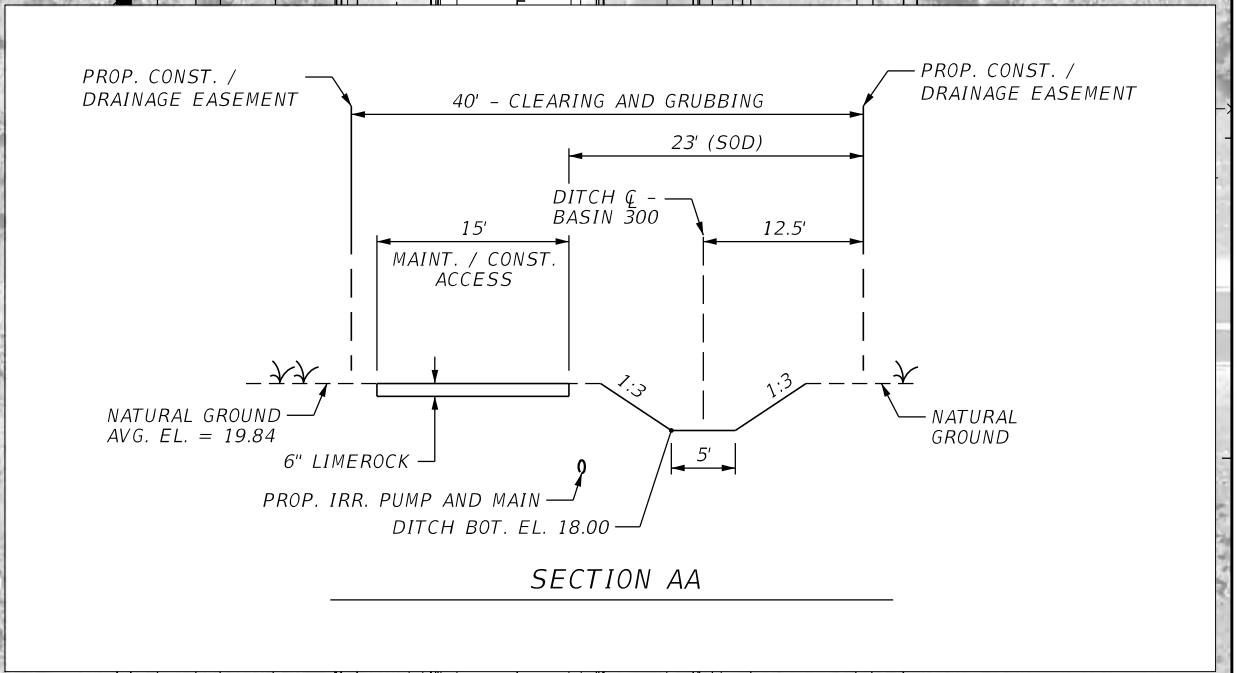
LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

OFF-SITE DRAINAGE DETAIL
BASIN 200 A / B

SHEET NO.
129



DITCH CL - BASIN 300						
DITCH CL	POINT NO.	COORDINATES		CONTROL	CURVE NO.	STATION
		NORTHING	EASTING			
DCL300	DCL8	784460.3685	736267.7358	POT	-	10+00.00
DCL300	DCL9	784554.2169	736171.0729	PI	-	11+34.73
DCL300	DCL10	784838.8778	736166.8680	POT	-	14+19.92



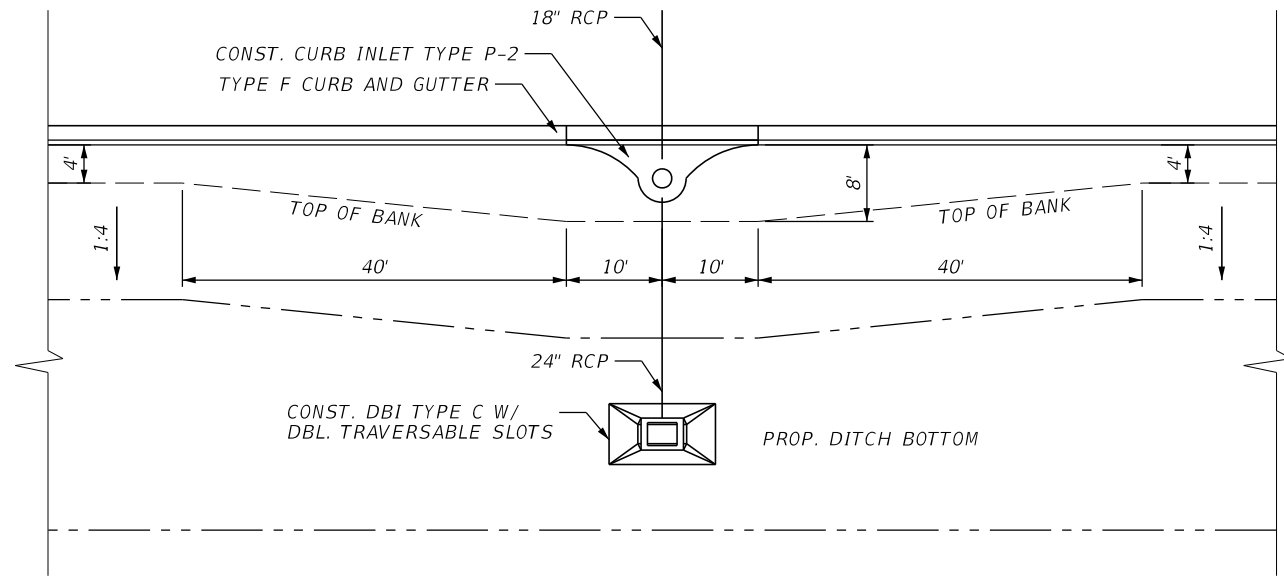
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

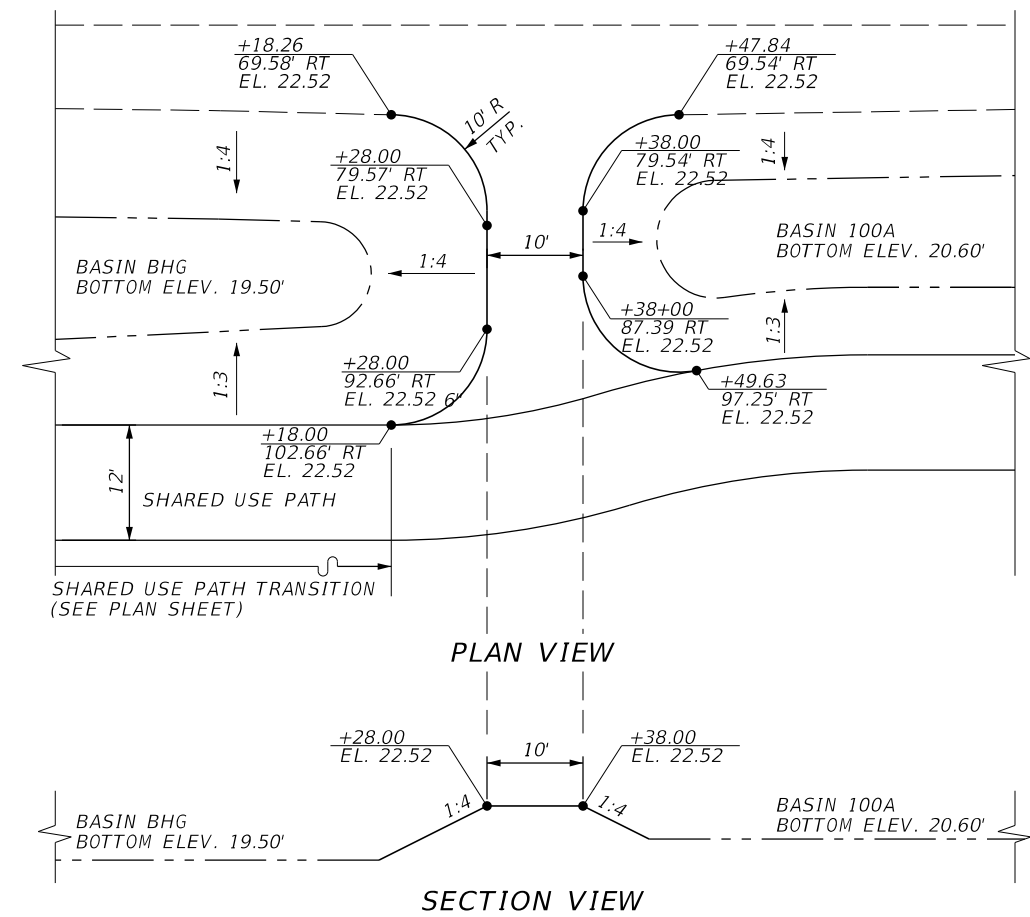
LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

OFF-SITE DRAINAGE DETAIL
BASIN 300

SHEET NO.
132



SLOPE TRANSITION DETAIL N.T.S



DITCH BLOCK DETAIL - PLAN VIEW N.T.S

STA. 102+33.00

DETENTION BASIN 300B

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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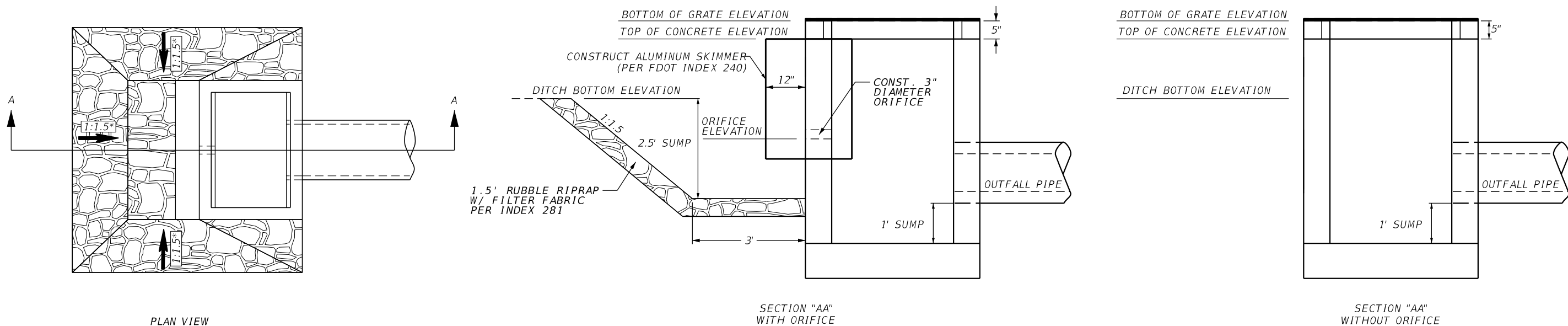
LEE COUNTY
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

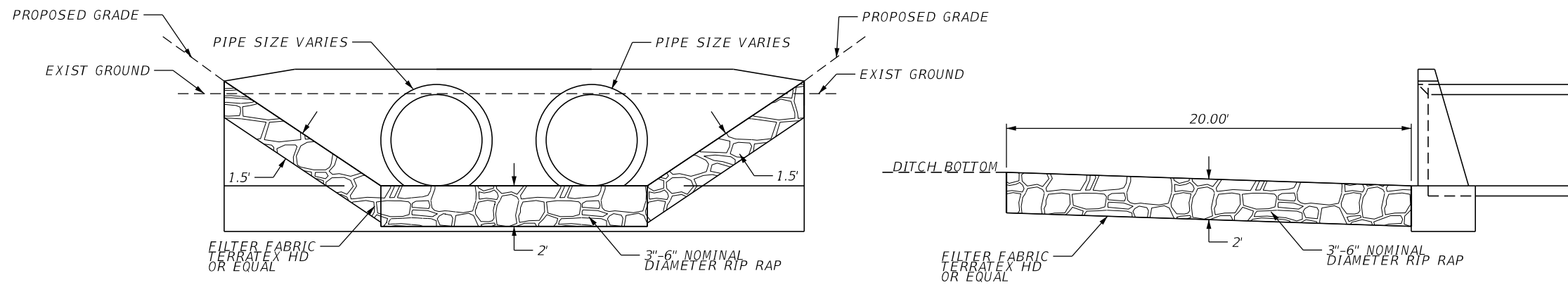
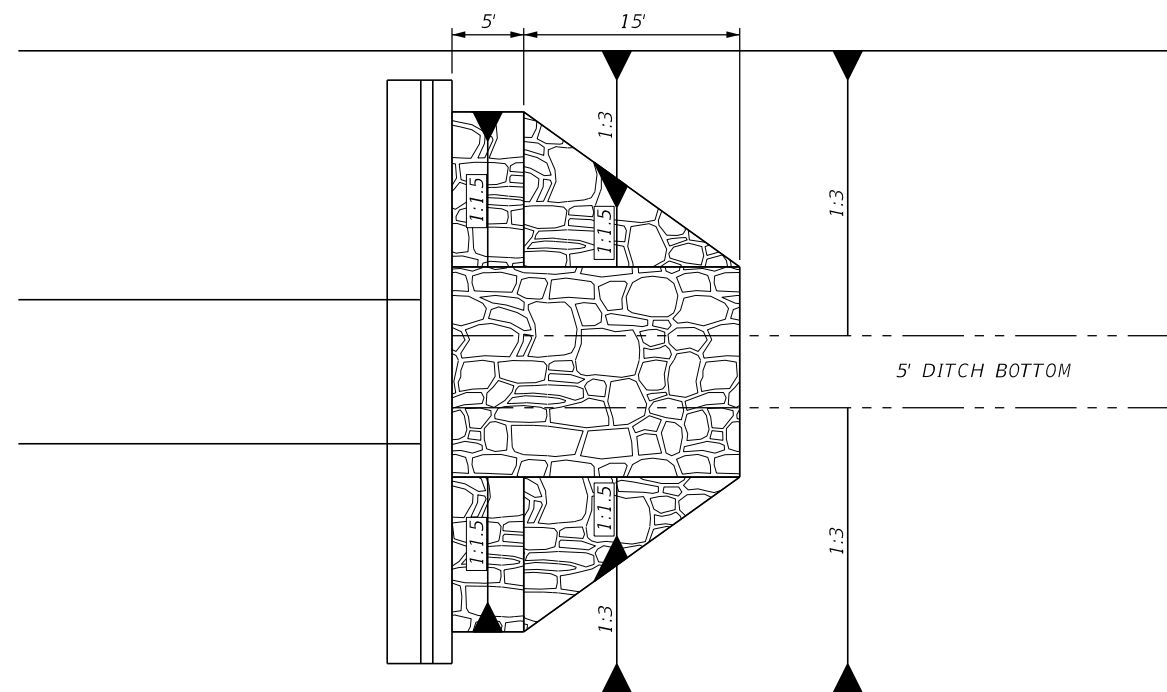
DRAINAGE DETAILS

SHEET NO.

133



SUMMARY OF CONTROL STRUCTURES								
CONTROL STRUCTURE	ORIFICE ELEV.	DETENTION BOTTOM ELEV.	TOP OF CONCRETE ELEV.	BOTTOM OF RAISED GRATE ELEV.	BOX TYPE	OUTFALL PIPE SIZE (INCHES)	OUTFALL INVERT	COMMENT
CS-BHG	18.5	19.5	20.46	20.88	E	36	15.3	
CS-100A(1)	19.6	20.6	22.16	22.58	E	24	16.5	OUTFALLS TO CS-100A(2)
CS-100A(2)	N/A	20.6	22.16	22.58	E	30	16.5	
CS-100B(1)	N/A	20.6	22.16	22.58	E	30	16.5	
CS-100B(2)	19.6	20.6	22.16	22.58	E	24	16.5	OUTFALLS TO CS-100B(1)
CS-200A(1)	20.0	21.0	22.56	22.98	E	24	17.0	OUTFALLS TO CS-200A(2)
CS-200A(2)	N/A	21.0	22.56	22.98	E	30	17.0	
CS-200B(1)	N/A	21.0	22.56	22.98	E	30	17.0	
CS-200B(2)	20.0	21.0	22.56	22.98	E	24	17.0	OUTFALLS TO CS-200B(1)
CS-200B(3)	N/A	21.0	22.56	22.98	E	30	17.5	
CS-200C(1)	20.0	21.0	22.56	22.98	E	30	17.0	OUTFALLS TO CS-200C(2)
CS-200C(2)	N/A	21.0	22.56	22.98	E	30	17.0	
CS-200D	20.0	21.0	22.56	22.98	E	30	17.0	
CS-300(1)	N/A	21.3	22.86	23.28	E	24	18.2	OUTFALLS TO CS-300(2)
CS-300(2)	N/A	21.3	22.86	23.28	H	24	18.2	
CS-300(3)	20.3	21.3	22.86	23.28	E	24	18.2	OUTFALLS TO CS-300(2)
CS-AH	20.3	21.3	23.5	N/A	D	24	17.4	NO RAISED GRATE



END WALL RIP RAP DETAIL N.T.S

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

DRAINAGE DETAILS

SHEET NO.

135

DATE OF SURVEY: MAY 2014 TO OCTOBER 2017
 SURVEY MADE BY: TIERRA, INC.
 SUBMITTED BY: MICHAEL T. JORDAN, P.E.

**LEE COUNTY
 DEPARTMENT OF TRANSPORTATION**

ROAD NO.: ALICO ROAD
 COUNTY: LEE

LEE COUNTY PROJECT NUMBER: CN-130508
 PROJECT NAME: ALICO ROAD WIDENING FROM EAST OF BEN HILL GRIFFIN PARKWAY TO AIRPORT HAUL ROAD

CROSS SECTION SOIL SURVEY FOR THE DESIGN OF ROADS

SURVEY BEGINS STA. : 79+44 SURVEY ENDS STA. : 197+06

REFERENCE: CENTERLINE CONSTRUCTION OF ALICO ROAD

STRATUM NO.	ORGANIC CONTENT		MOISTURE CONTENT		SIEVE ANALYSIS RESULTS PERCENT PASS (%)					ATTERBERG LIMITS (%)			DESCRIPTION	CORROSION TEST RESULTS						
	NO. OF TESTS	% ORGANIC	NO. OF TESTS	MOISTURE CONTENT	10 MESH	40 MESH	60 MESH	100 MESH	200 MESH	NO. OF TESTS	LIQUID LIMIT	PLASTIC INDEX		AASHTO GROUP	NO. OF TESTS	RESISTIVITY ohm-cm	CHLORIDE ppm	SULFATES ppm	pH	
1	--	--	--	--	11	69-100	63-98	54-89	27-45	2-7	--	--	A-3	LIGHT GRAY TO GRAY TO LIGHT BROWN TO BROWN FINE SAND TO SAND WITH SILT	4	7,200-24,000	15-30	0-18.6	7.9-8.4	
2	--	--	3	20-24	7	--	--	--	--	13-20	3	NP-22	NP-9	A-2-4	LIGHT GRAY TO GRAY TO LIGHT BROWN TO BROWN SILTY SAND OCCASIONALLY WITH SHELL	--	--	--	--	--
3	--	--	3	19-34	3	--	--	--	--	23-72	3	24-28	8-16	A-2-6/A-4	LIGHT GRAY TO GRAY TO LIGHT BROWN TO BROWN SILTY SAND TO SANDY CLAY	--	--	--	--	--
4	--	--	--	--	--	--	--	--	--	--	--	--	--	WEATHERED LIMESTONE/CAPROCK	--	--	--	--	--	
5	1	12	1	33	1	--	--	--	--	12	--	--	A-8	DARK BROWN TO BLACK ORGANIC SAND TO ORGANIC SILTY SAND	--	--	--	--	--	
6	--	--	--	--	--	--	--	--	--	--	--	--	A-3	LIGHT BROWN TO BROWN FINE SAND WITH SILTY AND/OR SHELL AND/OR LIMEROCK FILL	--	--	--	--	--	

EMBANKMENT AND SUBGRADE MATERIAL

STRATA BOUNDARIES ARE APPROXIMATE. MAKE FINAL CHECK AFTER GRADING.

▽ - WATER TABLE ENCOUNTERED

▼ - ESTIMATED SEASONAL HIGH GROUNDWATER TABLE

▽⁺ - GROUNDWATER LEVEL ABOVE GRADE DURING FIELD EXPLORATION

GNE - GROUNDWATER NOT ENCOUNTERED

CAVE-IN - BOREHOLE TERMINATED DUE TO CAVE-IN FROM SHALLOW GROUNDWATER INTRUSION

REFUSAL - BOREHOLE TERMINATED DUE TO HAND AUGER REFUSAL ON UTILITIES AND/OR ROCKS

1. THE MATERIAL FROM STRATA 1 AND 6 (A-3) APPEARS SATISFACTORY FOR USE IN THE EMBANKMENT WHEN UTILIZED IN ACCORDANCE WITH INDEX 505.
2. THE MATERIAL FROM STRATUM 2 (A-2-4) APPEARS SATISFACTORY FOR USE IN THE EMBANKMENT WHEN UTILIZED IN ACCORDANCE WITH INDEX 505. HOWEVER, THIS MATERIAL IS LIKELY TO RETAIN EXCESS MOISTURE AND MAY BE DIFFICULT TO DRY AND COMPACT. IT SHOULD BE USED IN THE EMBANKMENT ABOVE THE WATER LEVEL EXISTING AT THE TIME OF CONSTRUCTION.
3. THE MATERIAL FROM STRATUM 3 (A-2-4/A-4/A-2-6) IS PLASTIC MATERIAL AND SHALL BE REMOVED IN ACCORDANCE WITH INDEX 500. IT MAY REMAIN IN PLACE ABOVE THE EXISTING WATER LEVEL (AT THE TIME OF CONSTRUCTION) TO WITHIN 2 FEET OF THE PROPOSED BASE. IT SHOULD BE PLACED UNIFORMLY IN THE LOWER PORTION OF THE EMBANKMENT FOR SOME DISTANCE ALONG THE PROJECT RATHER THAN FULL DEPTH FOR SHORT DISTANCES.
4. THE MATERIAL FROM STRATUM 5 (A-8) IS MUCK MATERIAL AND SHALL BE REMOVED, AND REPLACED IN ACCORDANCE WITH INDEX 500 AND 505.
5. WEATHERED LIMESTONE/CAPROCK (STRATUM 4) WAS ENCOUNTERED WITHIN THE BORINGS. THIS MATERIAL IS ROCK AND IS LOCATED AT SHALLOW DEPTHS. IF ENCOUNTERED, EXCAVATIONS INTO AND/OR THROUGH LIMESTONE/CAPROCK WILL BE DIFFICULT AND WILL REQUIRE NON CONVENTIONAL CONSTRUCTION TECHNIQUES AND SPECIALIZED EQUIPMENT. LIMESTONE/CAPROCK IS POROUS AND WILL BE DIFFICULT TO DEWATER.

REVISIONS				MICHAEL T. JORDAN, P.E. P.E. LICENSE NUMBER 56102 TIERRA, INC. 7351 TEMPLE TERRACE HIGHWAY TAMPA, FLORIDA 33637 CERTIFICATE OF AUTHORIZATION 6486	LEE COUNTY DEPARTMENT OF TRANSPORTATION			ROADWAY SOIL SURVEY	SHEET NO. 136
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	LEE COUNTY PROJ. ID		
					LEE	CN-130508			

¢ CONST.



SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

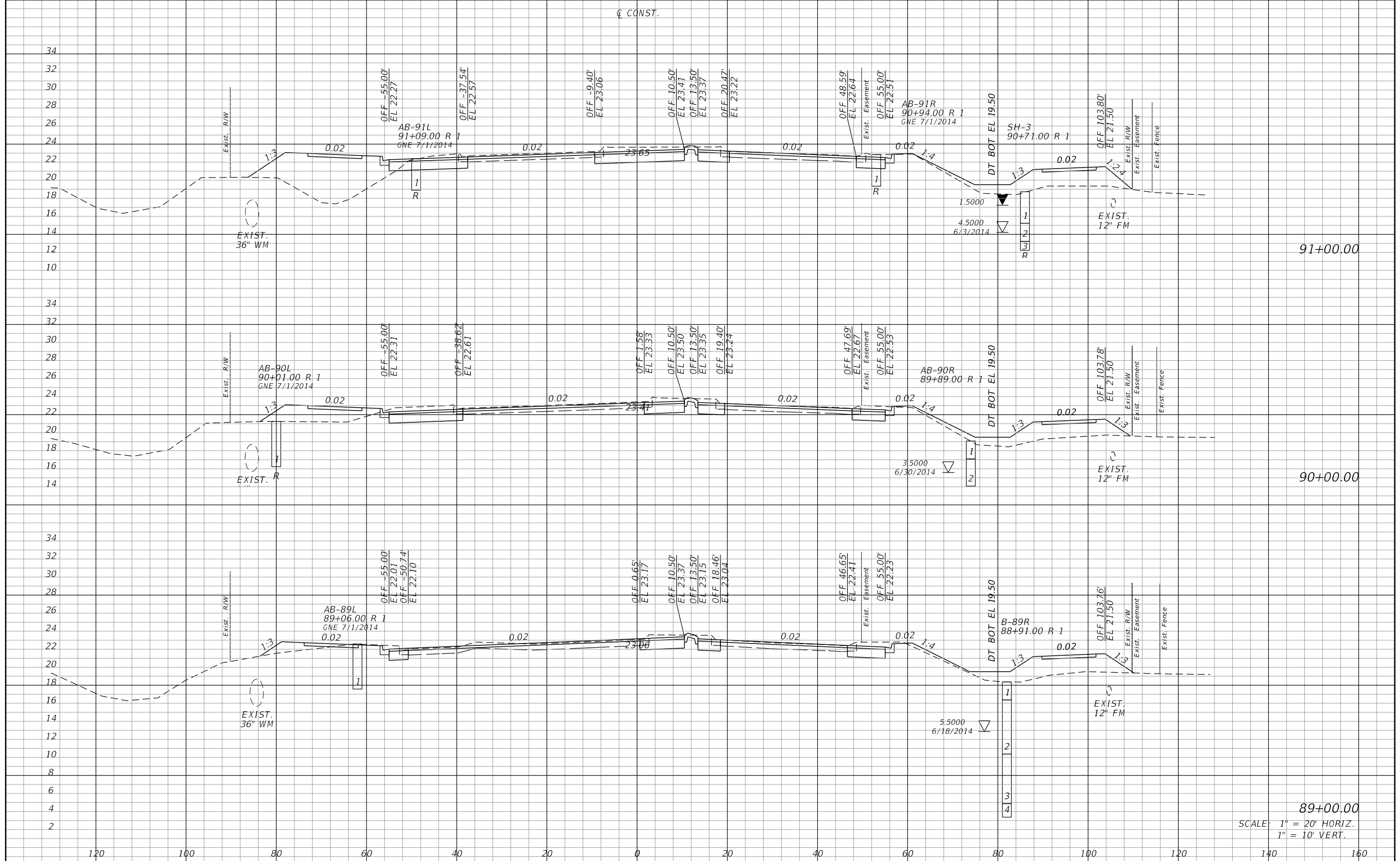
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EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

CROSS SECTIONS
ALICO ROAD

SHEET NO.

137



89+00.00
 SCALE: 1" = 20' HORIZ.
 1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

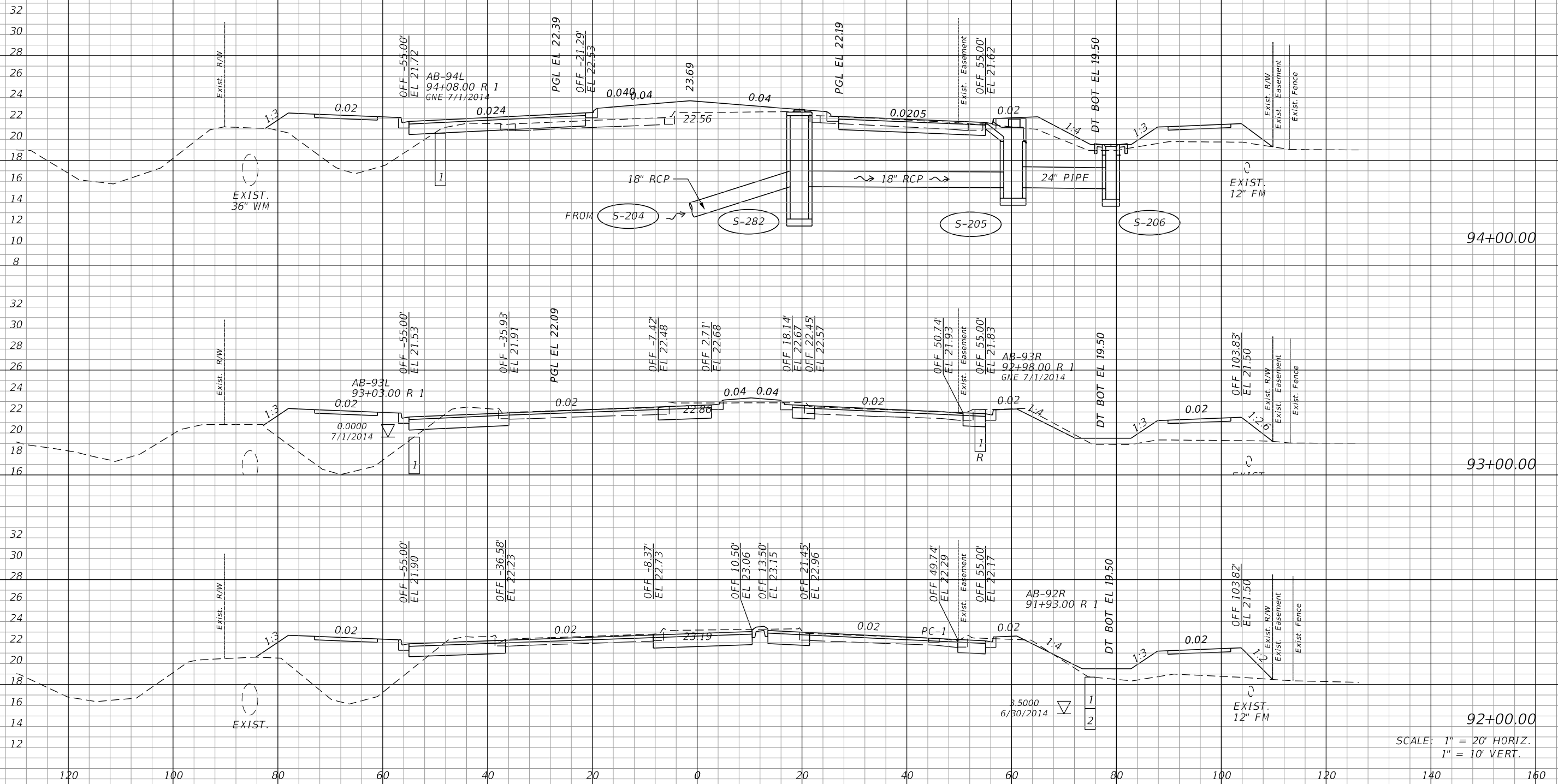
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 EB 642 & LB 642
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LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

CROSS SECTIONS
ALICO ROAD

SHEET NO.
 138

± CONST.



SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

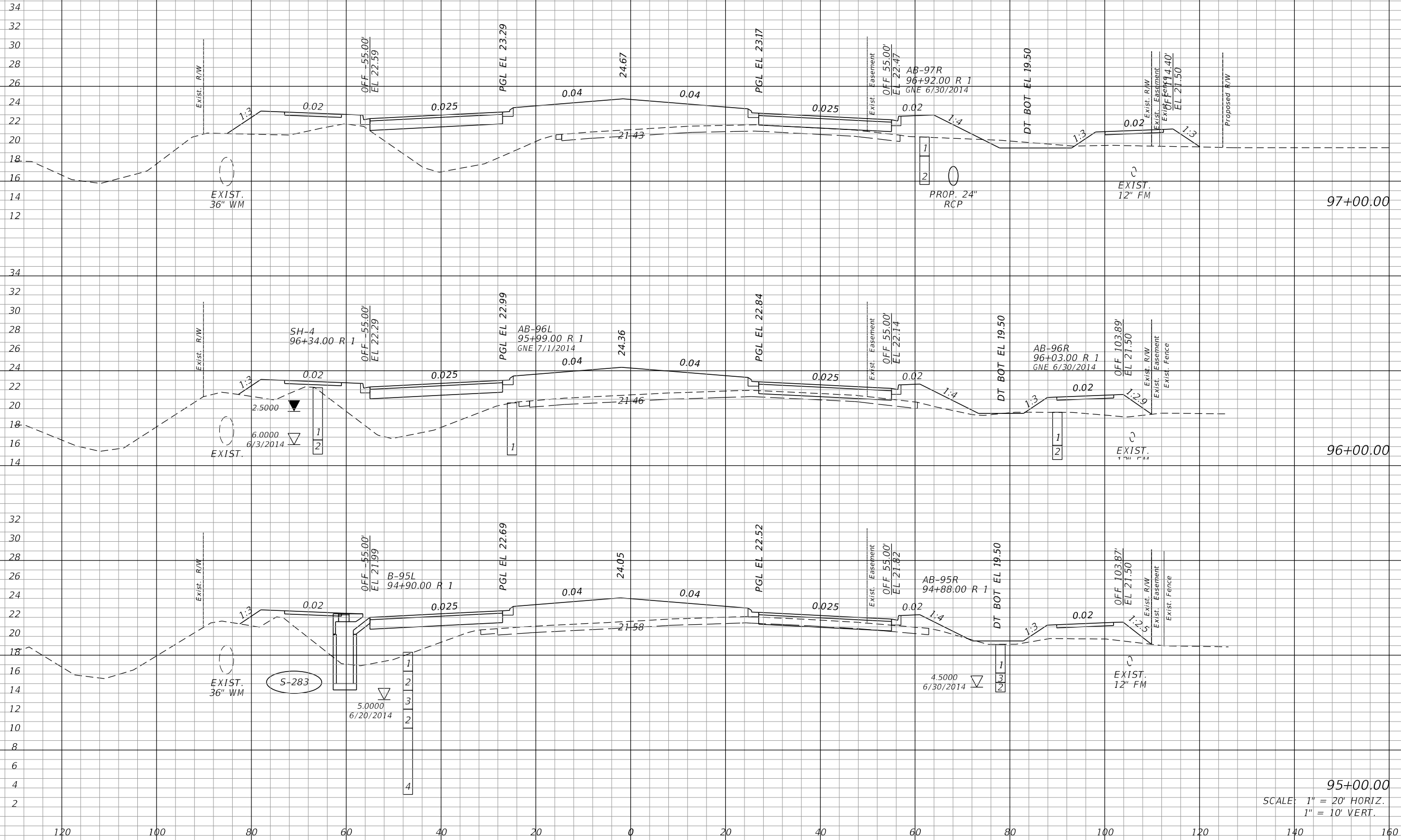
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 FORT MYERS, FL 33901
 EB 642 & LB 642
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LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

CROSS SECTIONS
ALICO ROAD

SHEET NO.
139

± CONST.



95+00.00
 SCALE: 1" = 20' HORIZ.
 1" = 10' VERT.

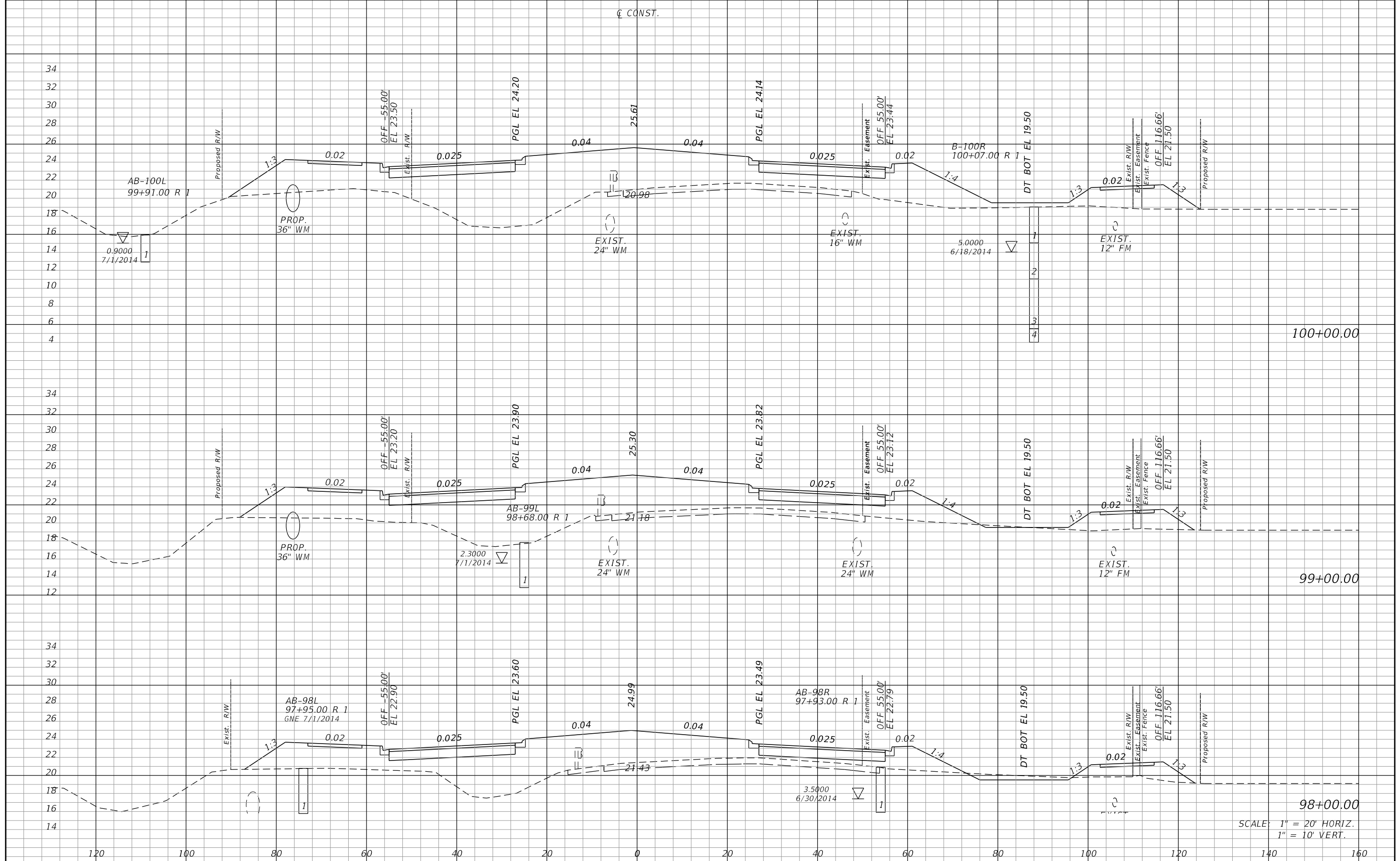
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

CROSS SECTIONS
ALICO ROAD

SHEET NO.
 140



SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

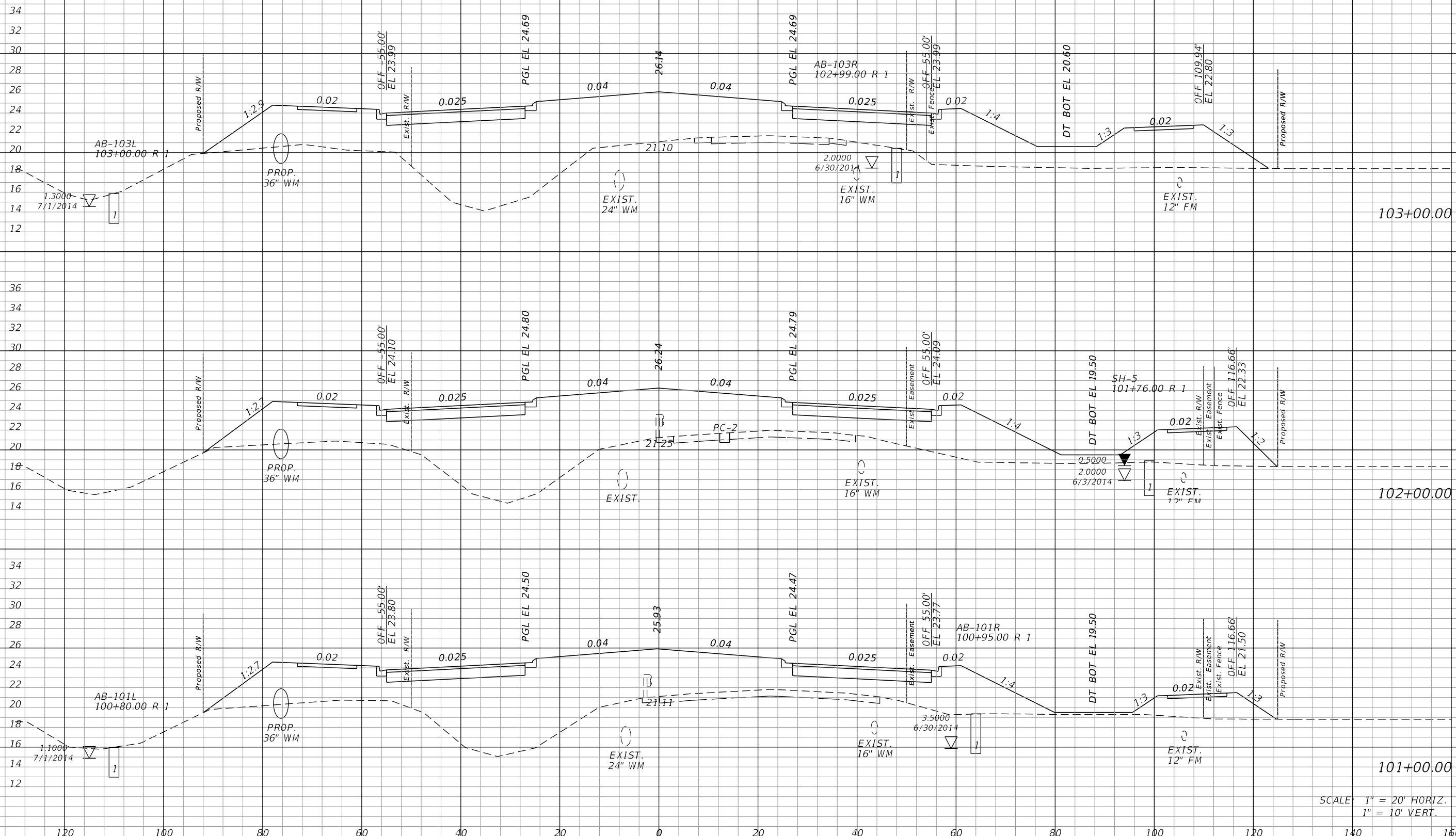
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LEE COUNTY DEPARTMENT OF TRANSPORTATION		
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	LEE	

CROSS SECTIONS
ALICO ROAD

SHEET NO.
141

± CONST.



SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

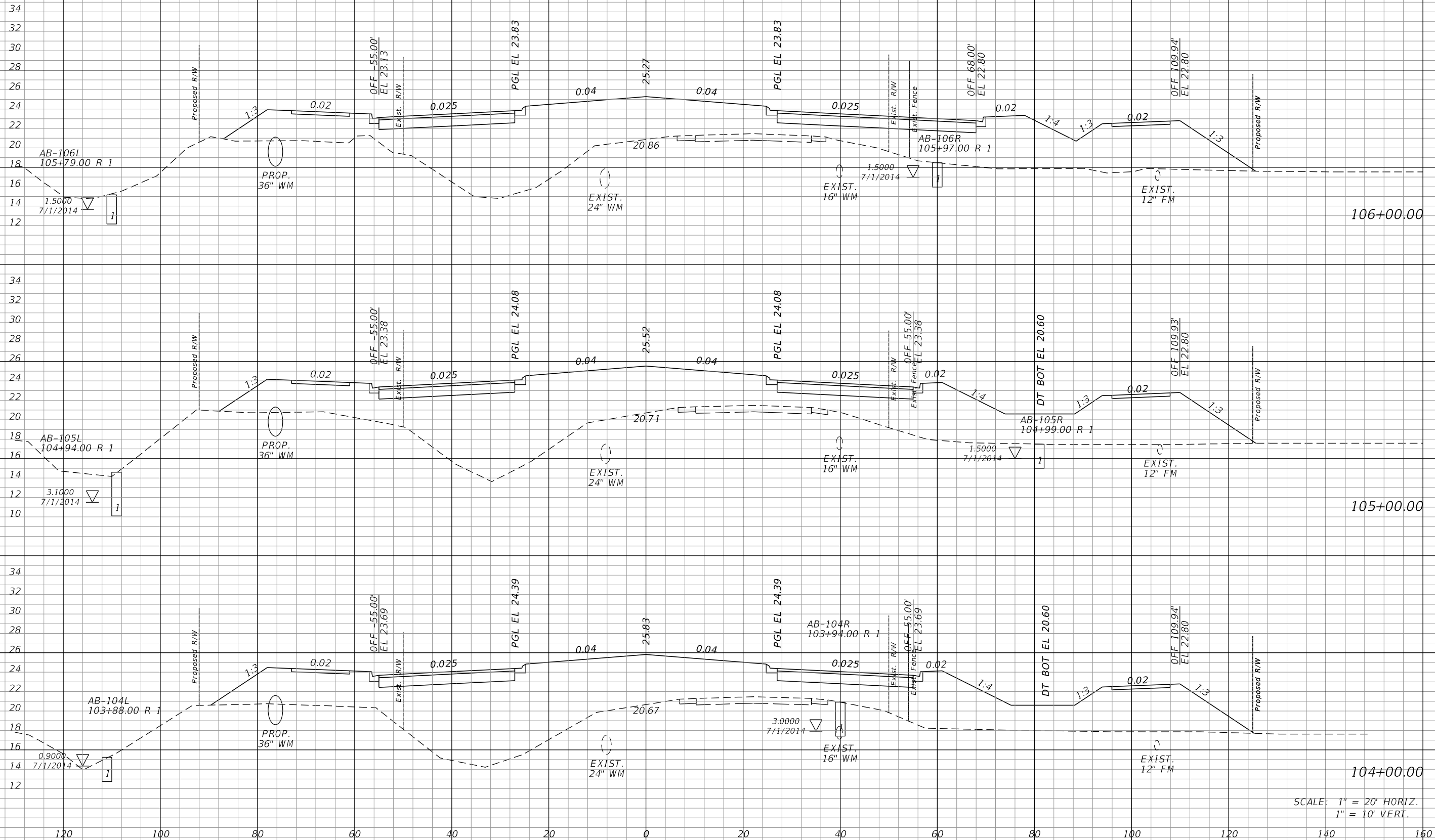
JOHNSON
ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

CROSS SECTIONS
ALICO ROAD

SHEET NO.
142

± CONST.



SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON
ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

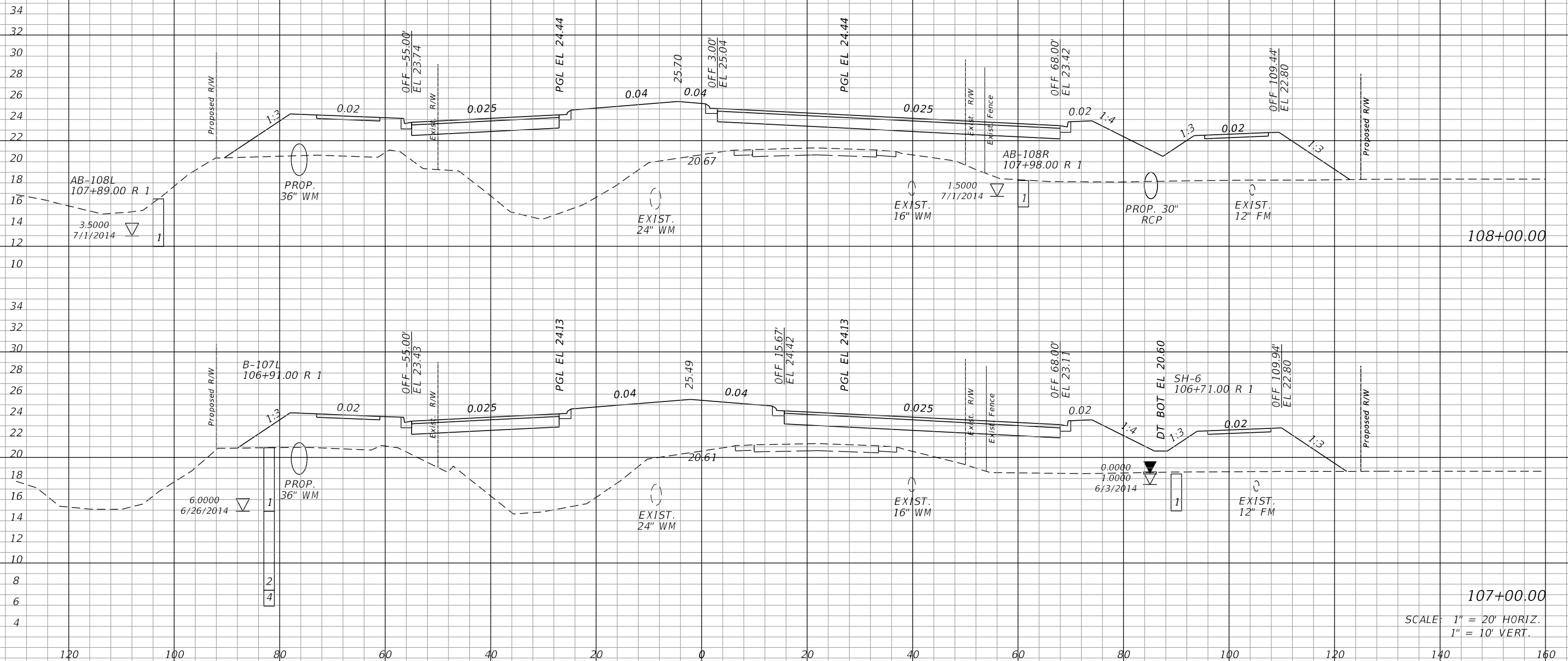
LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

CROSS SECTIONS
ALICO ROAD

SHEET NO.

143

¢ CONST.



107+00.00
SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

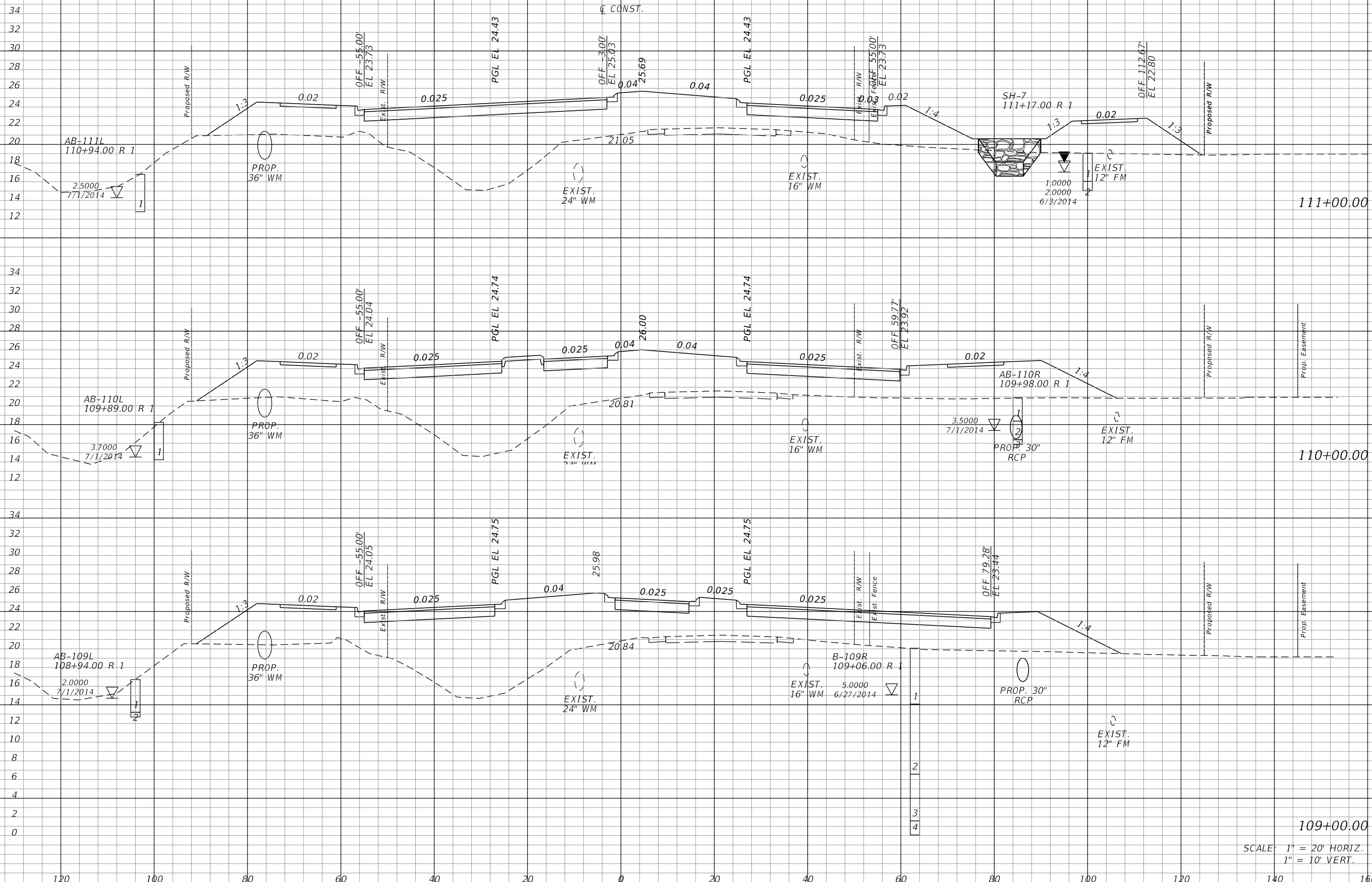
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

CROSS SECTIONS
ALICO ROAD

SHEET NO.
144



109+00.00
 SCALE: 1" = 20' HORIZ.
 1" = 10' VERT.

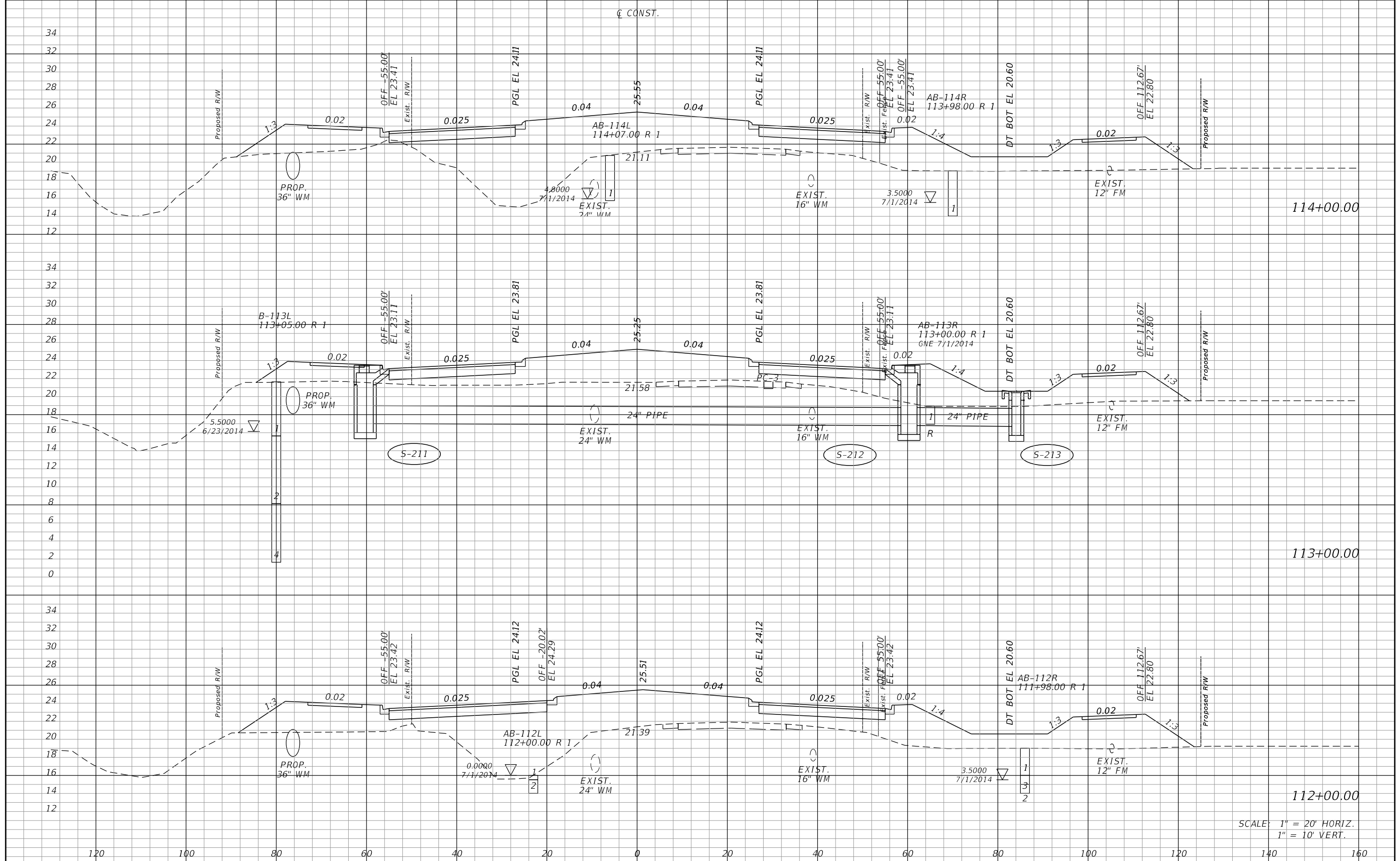
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

CROSS SECTIONS
ALICO ROAD

SHEET NO.
 145



SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

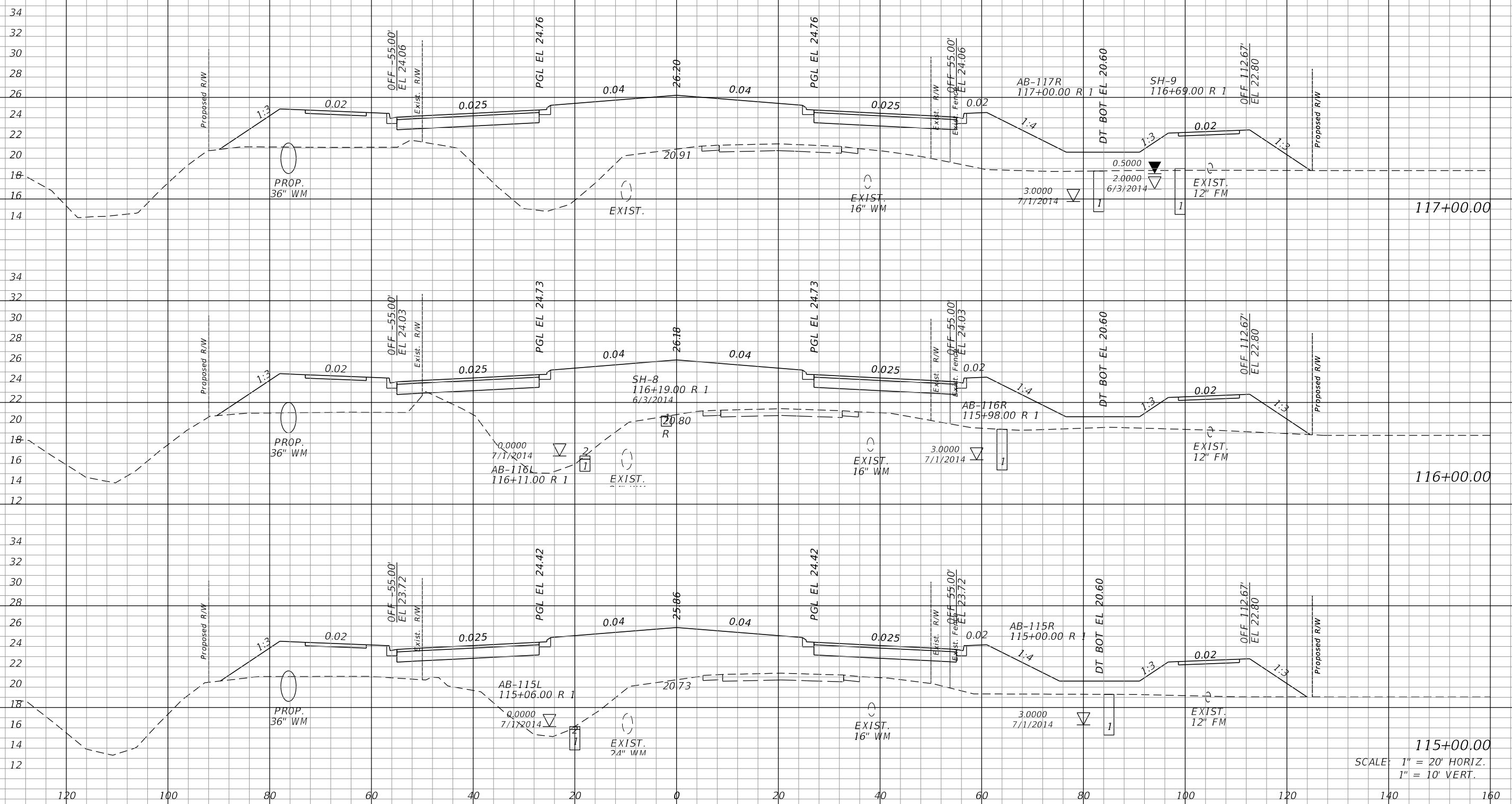
JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

CROSS SECTIONS
ALICO ROAD

SHEET NO. 146

± CONST.



115+00.00
SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

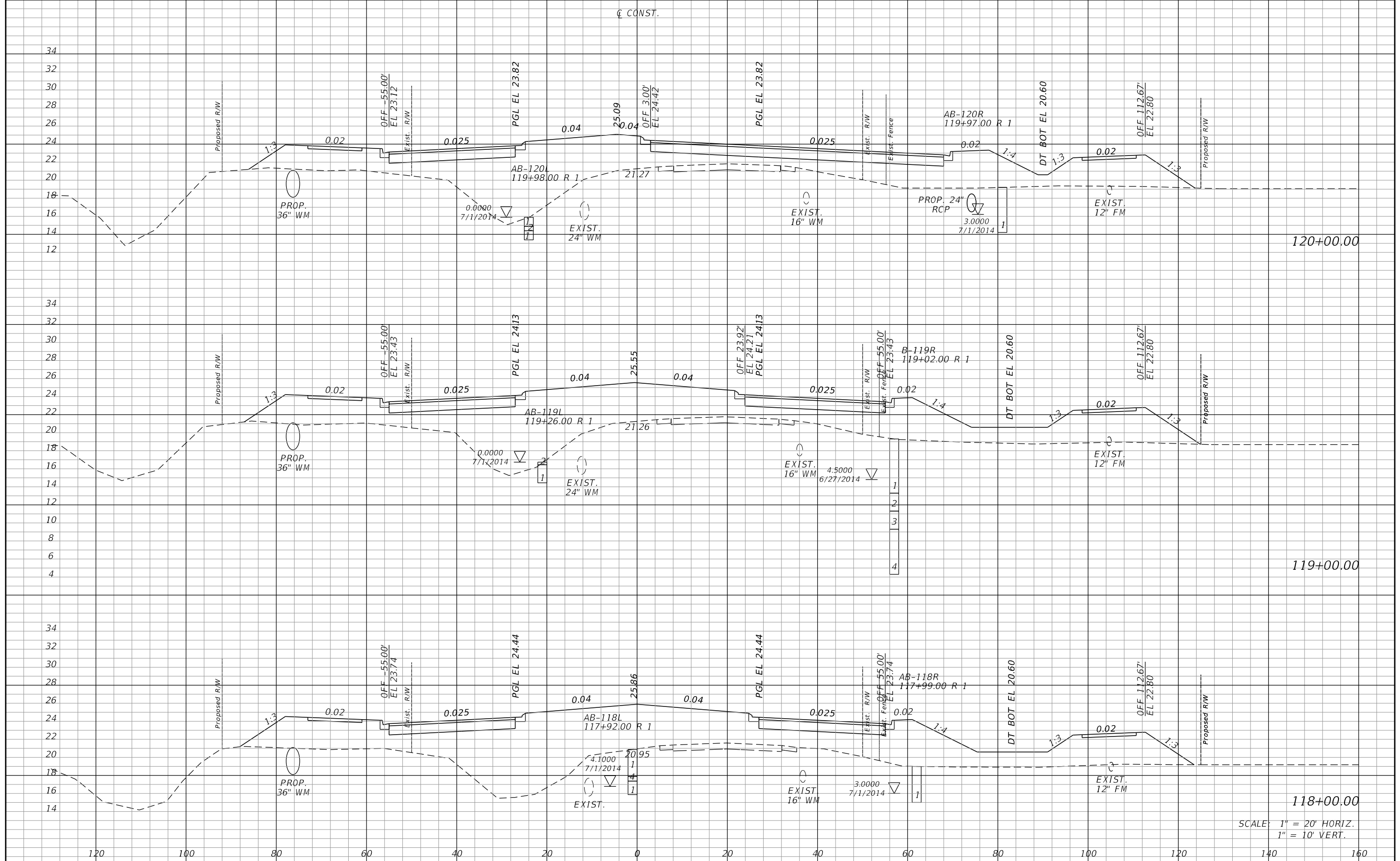
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

CROSS SECTIONS
ALICO ROAD

SHEET NO.
147



SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

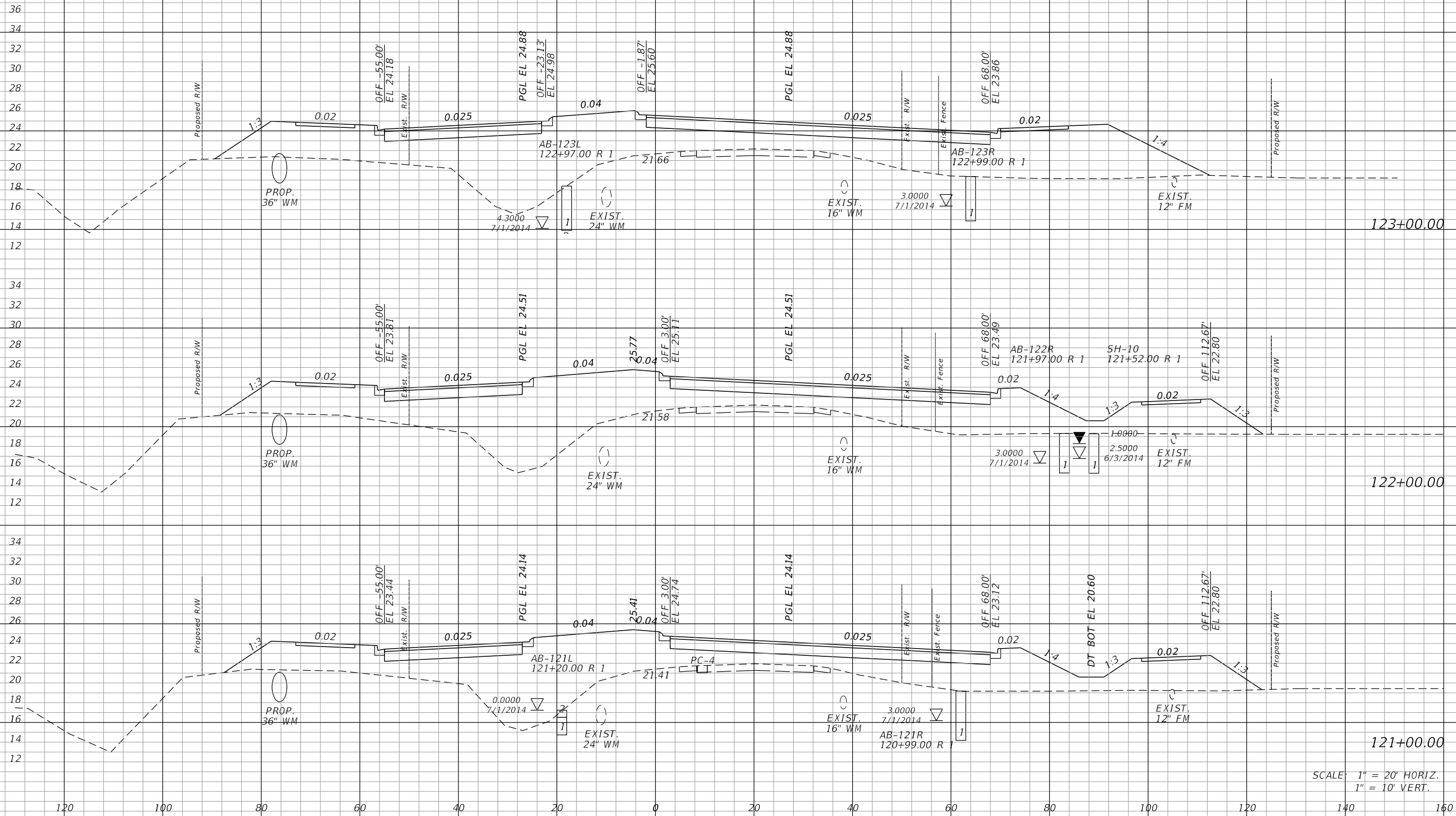
JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

CROSS SECTIONS
ALICO ROAD

SHEET NO.
148

¢ CONST.



SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

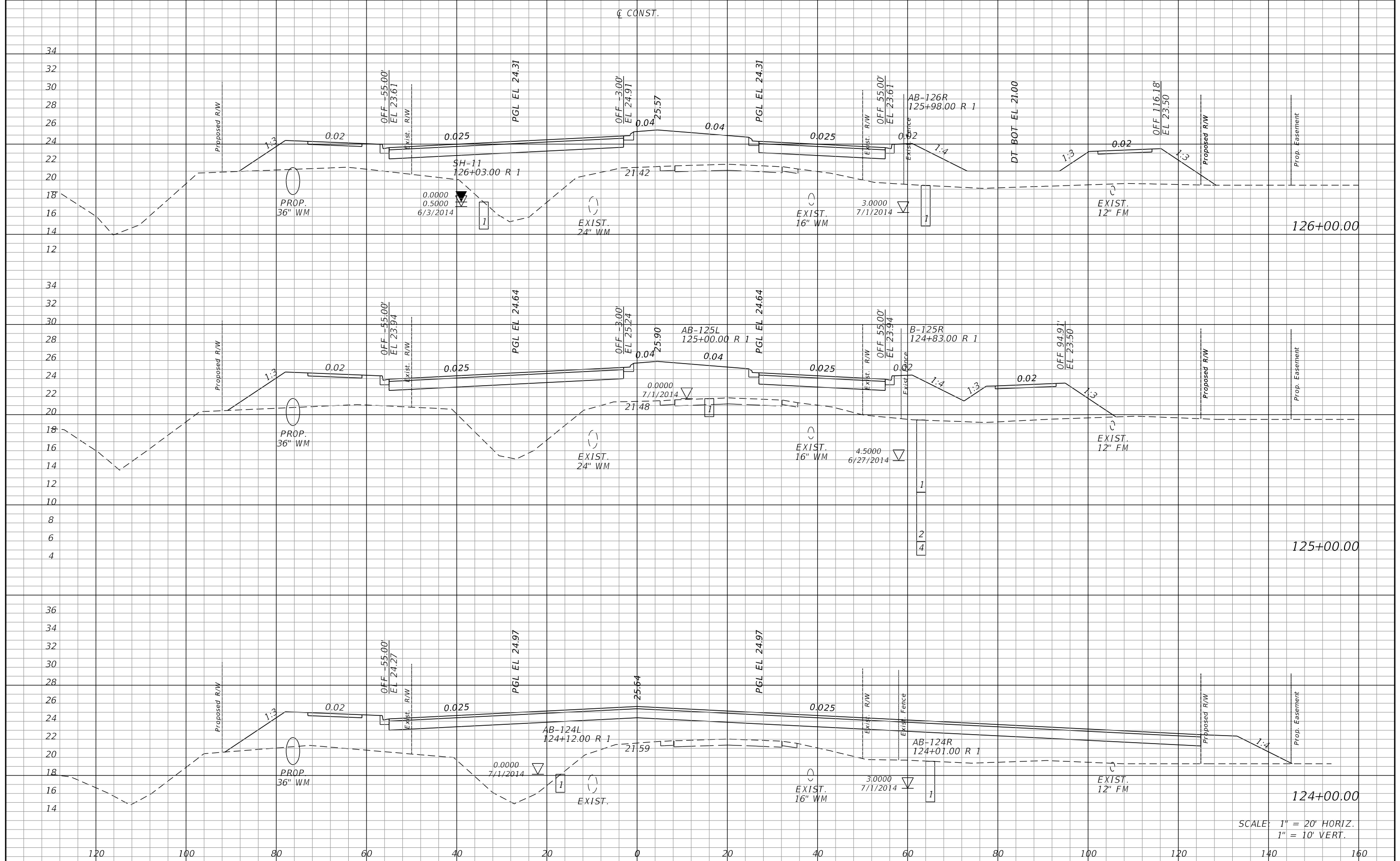
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

CROSS SECTIONS
ALICO ROAD

SHEET NO.
149



SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

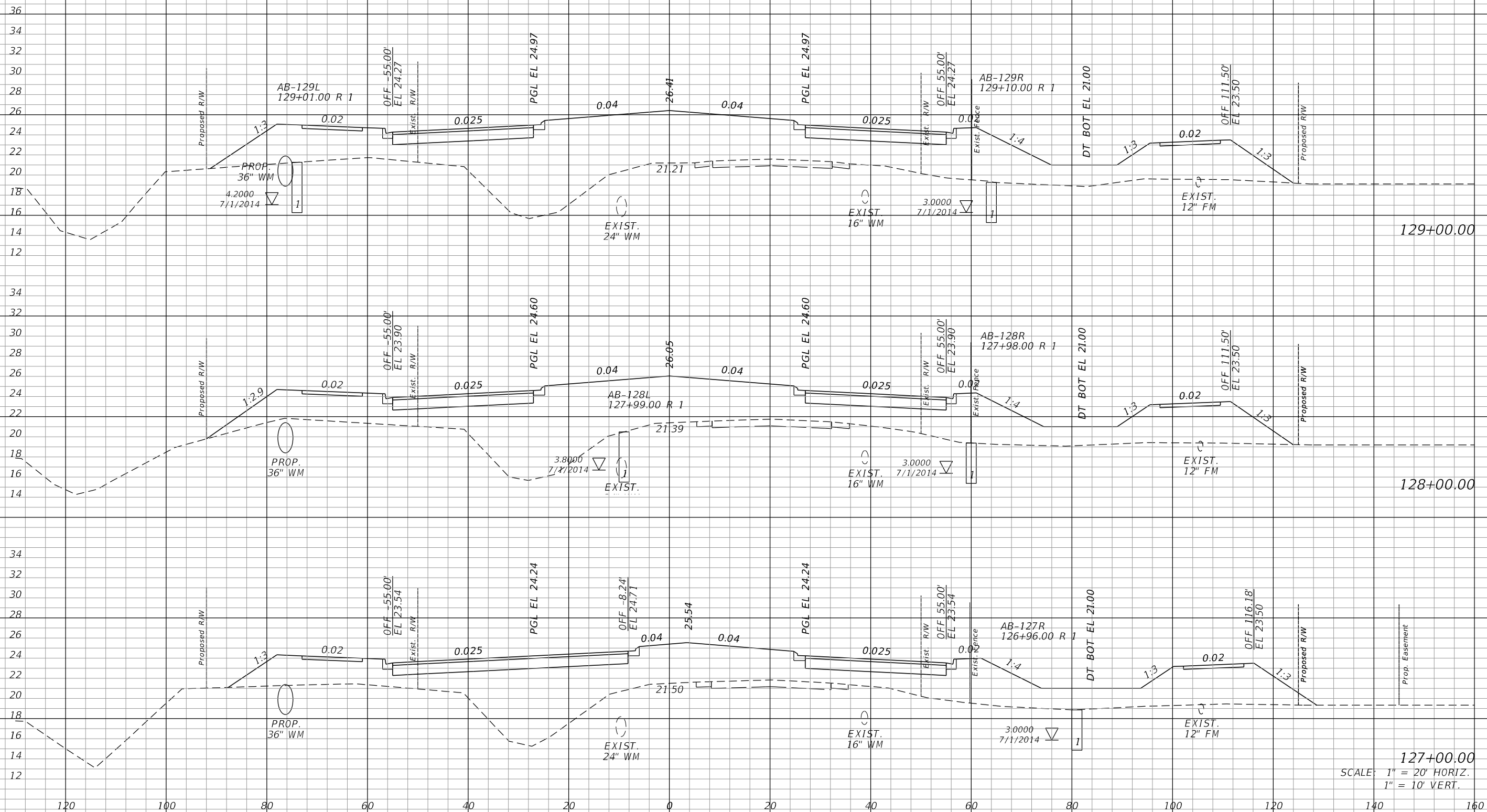
JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

CROSS SECTIONS
ALICO ROAD

SHEET NO. 150

± CONST.



127+00.00
SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

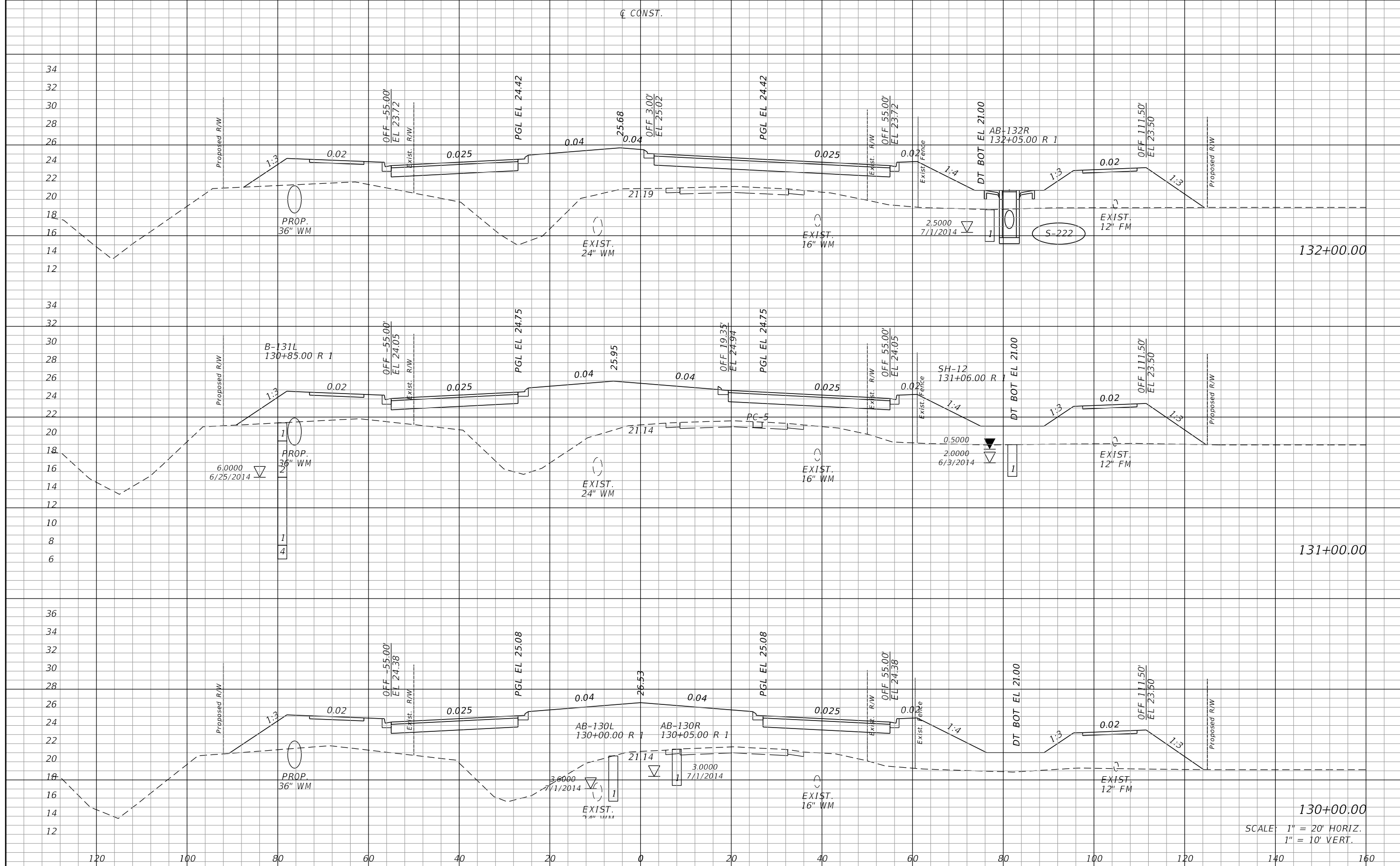
JOHNSON
ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

**CROSS SECTIONS
ALICO ROAD**

SHEET NO.

151



SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

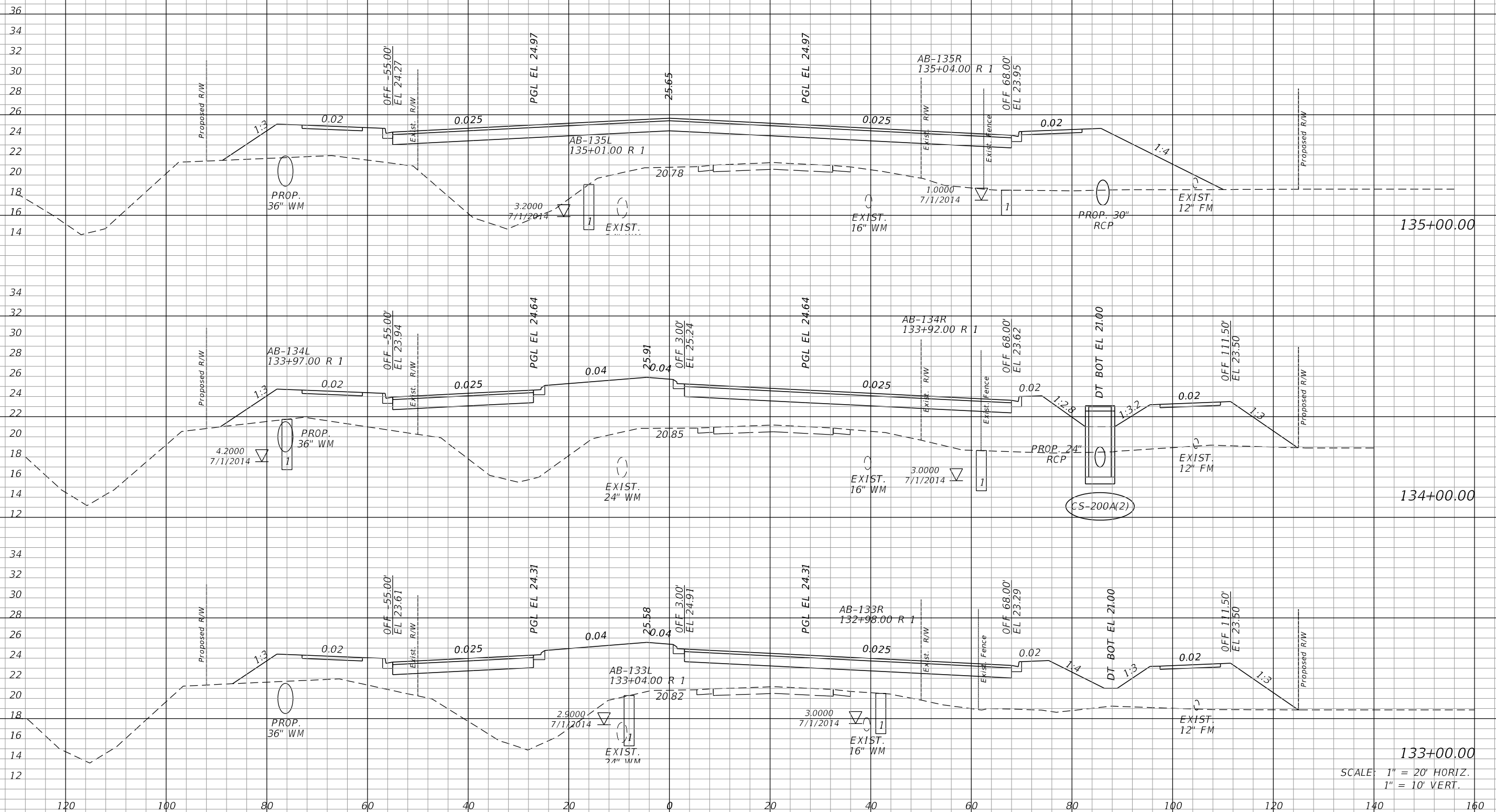
JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

CROSS SECTIONS
ALICO ROAD

SHEET NO.
152

¢ CONST.



133+00.00
SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

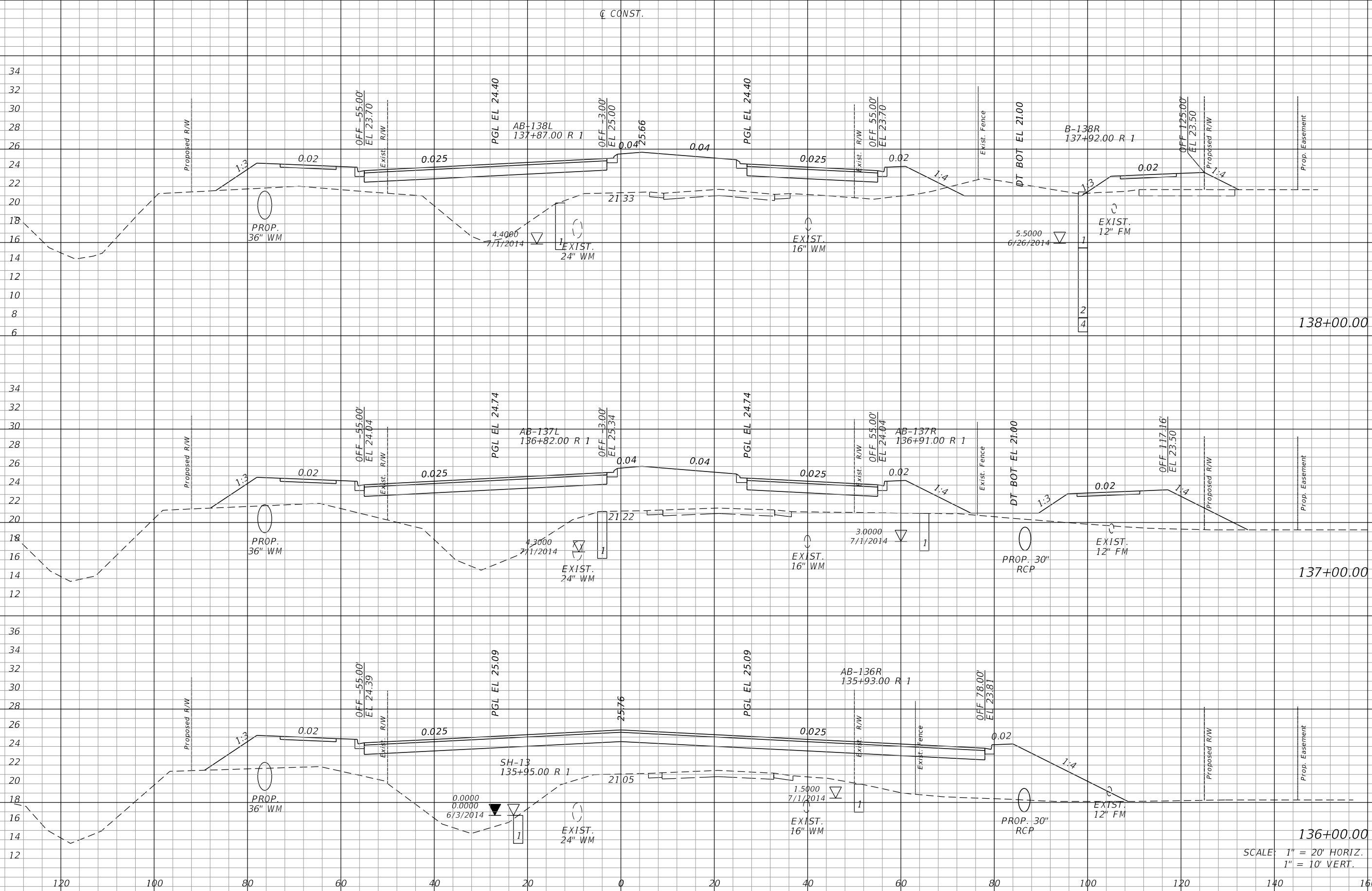
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON
ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

CROSS SECTIONS
ALICO ROAD

SHEET NO.
153



SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

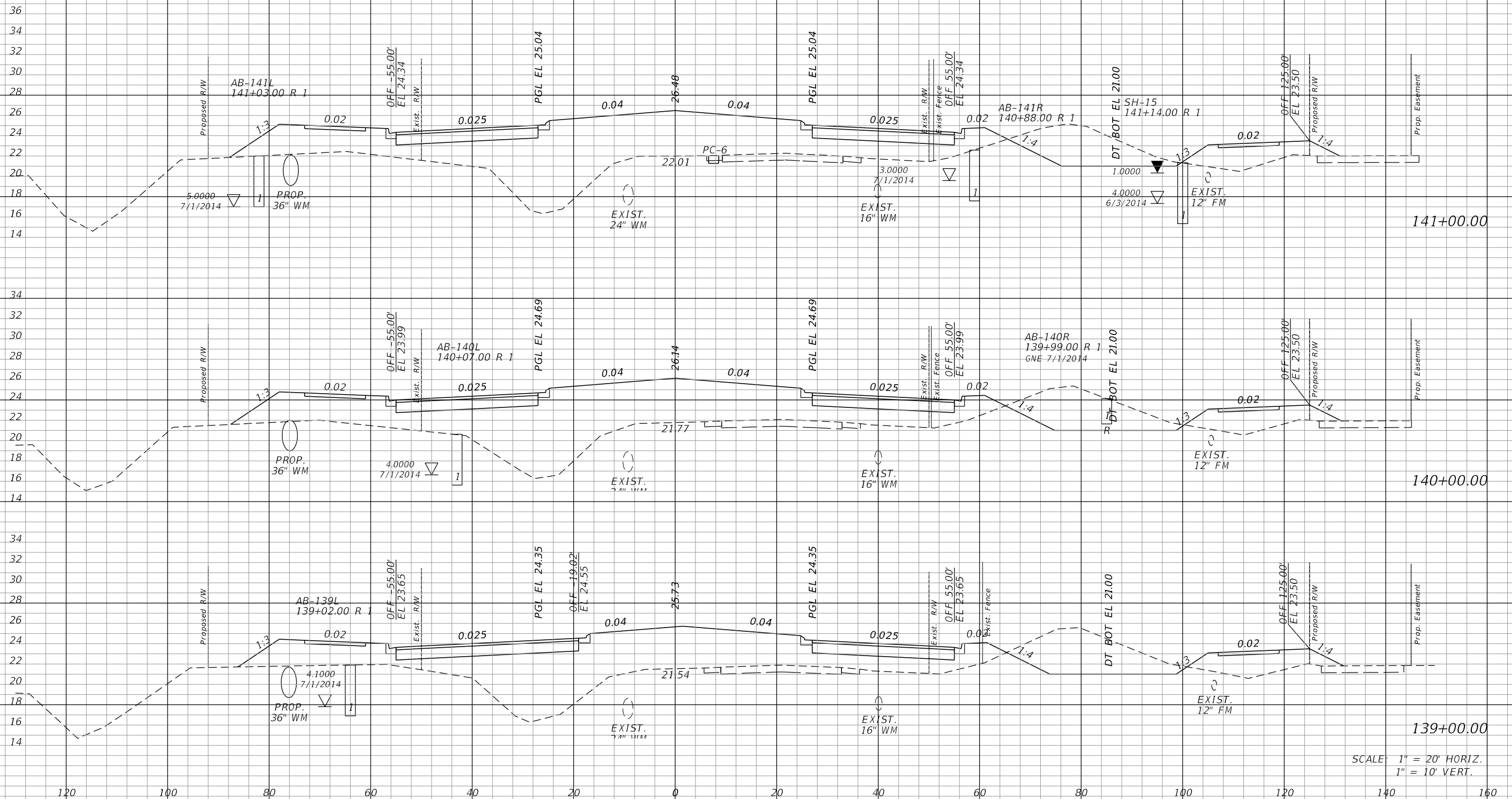
JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

CROSS SECTIONS
ALICO ROAD

SHEET NO.
154

¢ CONST.



SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON
ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

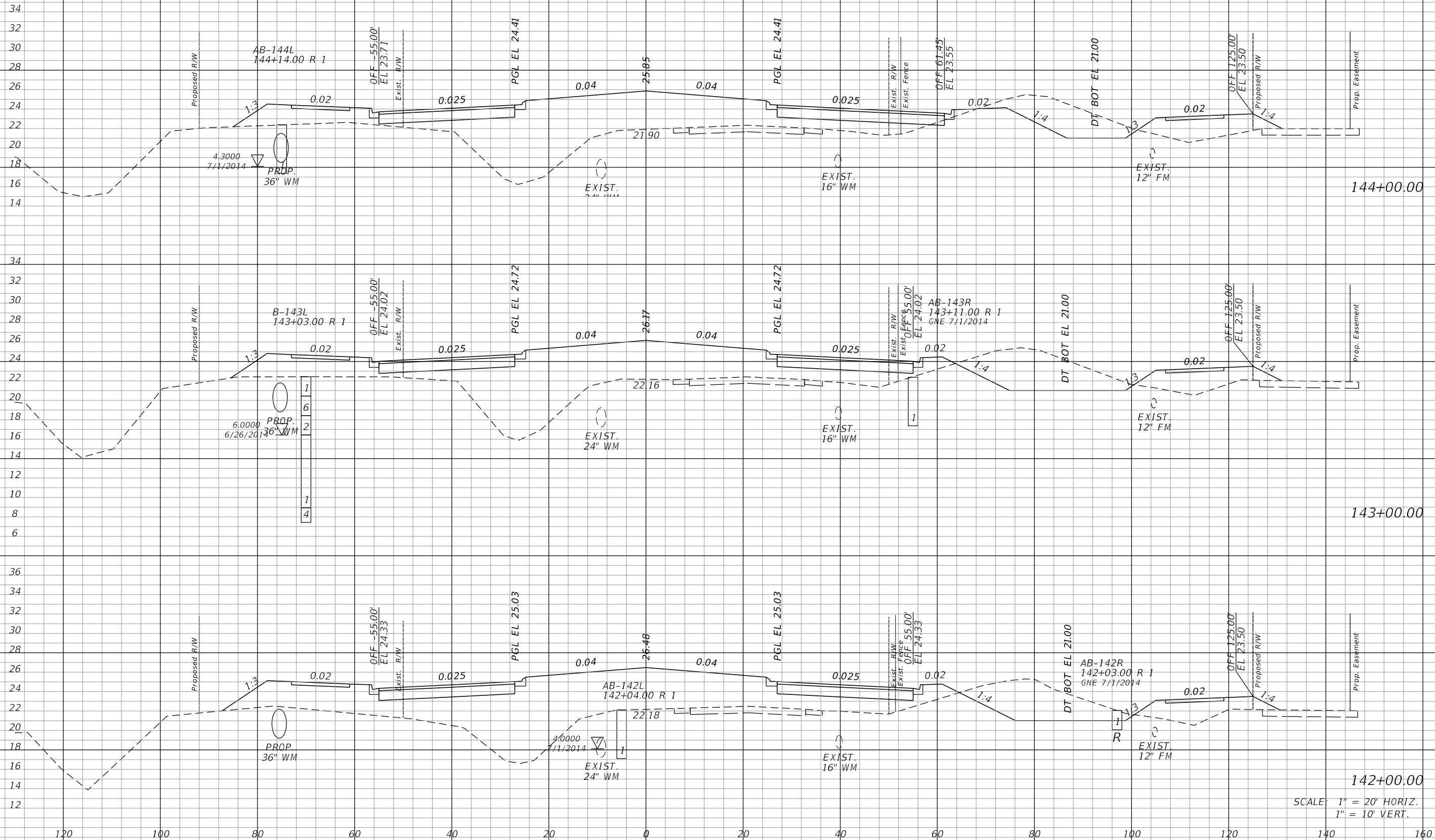
LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

CROSS SECTIONS
ALICO ROAD

SHEET NO.

155

± CONST.



SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

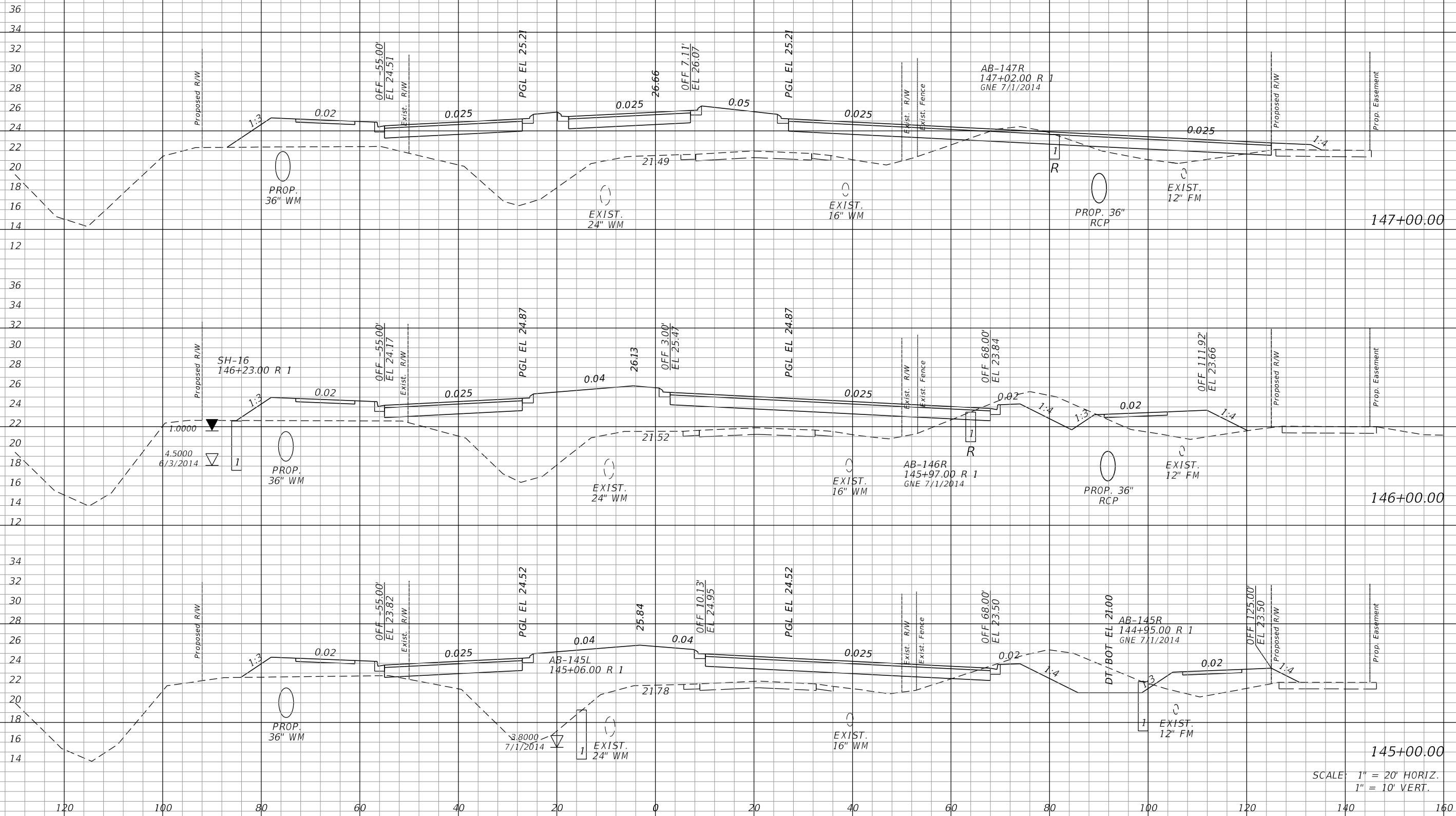
JOHNSON
ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

CROSS SECTIONS
ALICO ROAD

SHEET NO.
156

± CONST.



SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

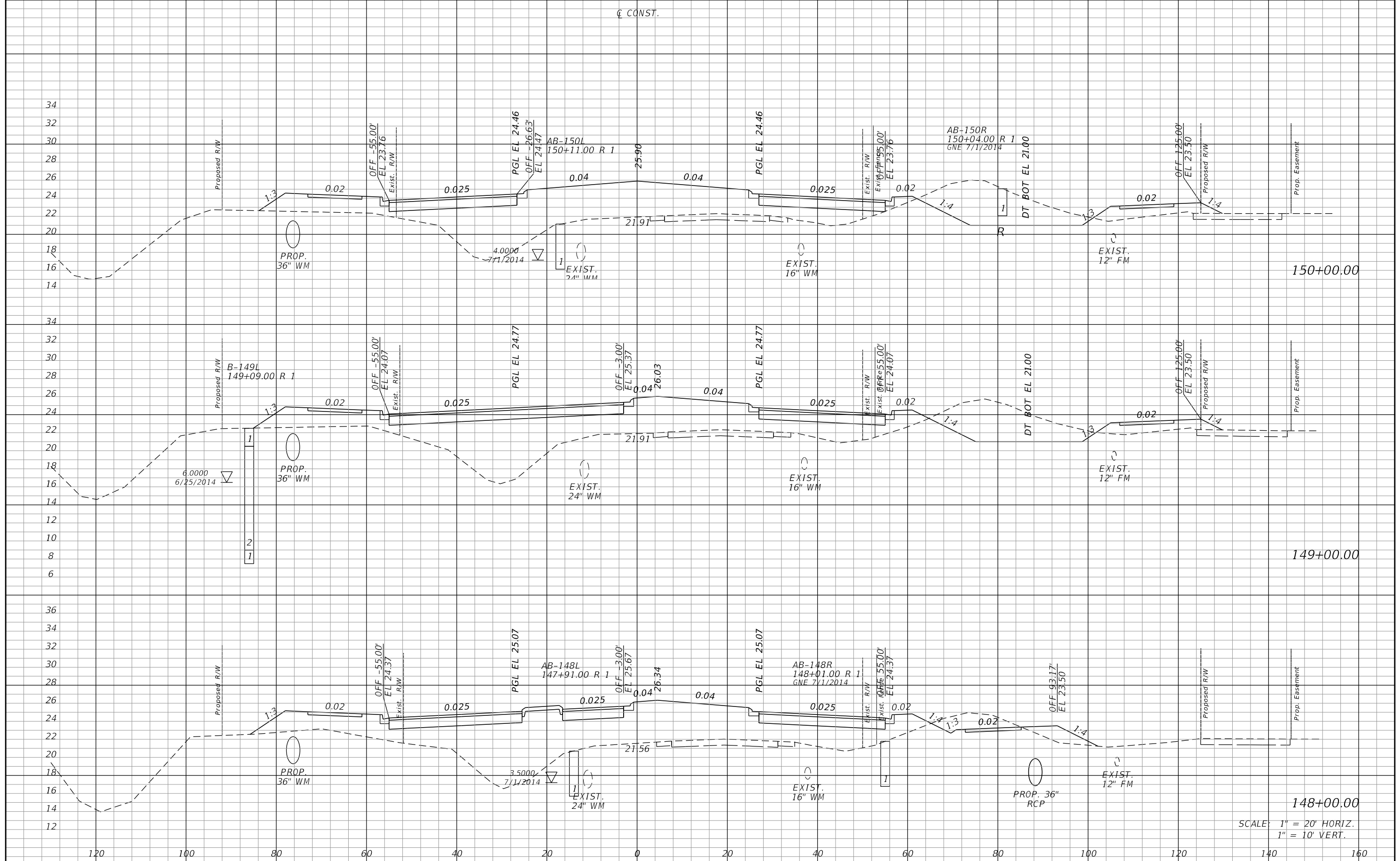
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

CROSS SECTIONS
ALICO ROAD

SHEET NO.
157



SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

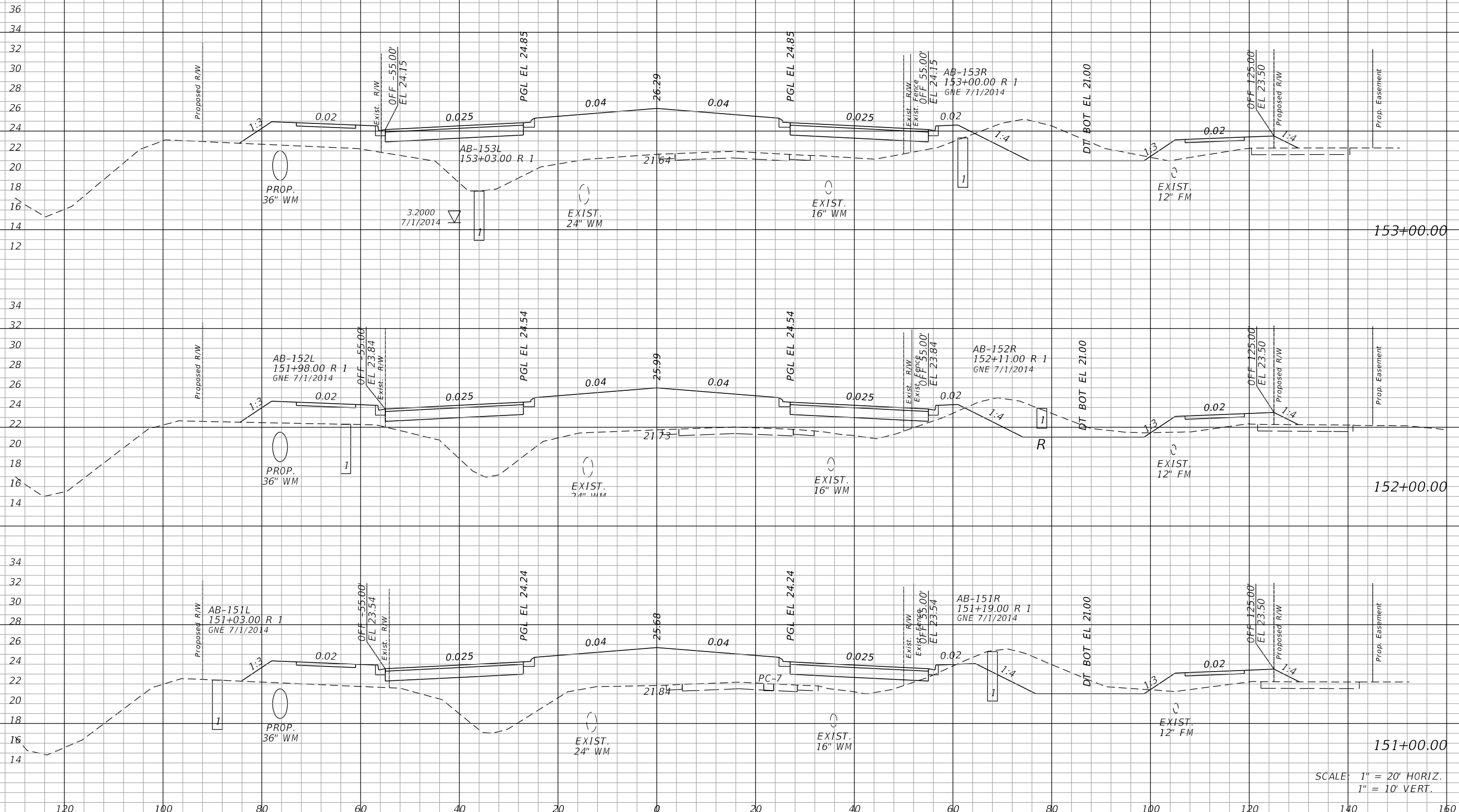
JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

CROSS SECTIONS
ALICO ROAD

SHEET NO. 158

¢ CONST.



SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

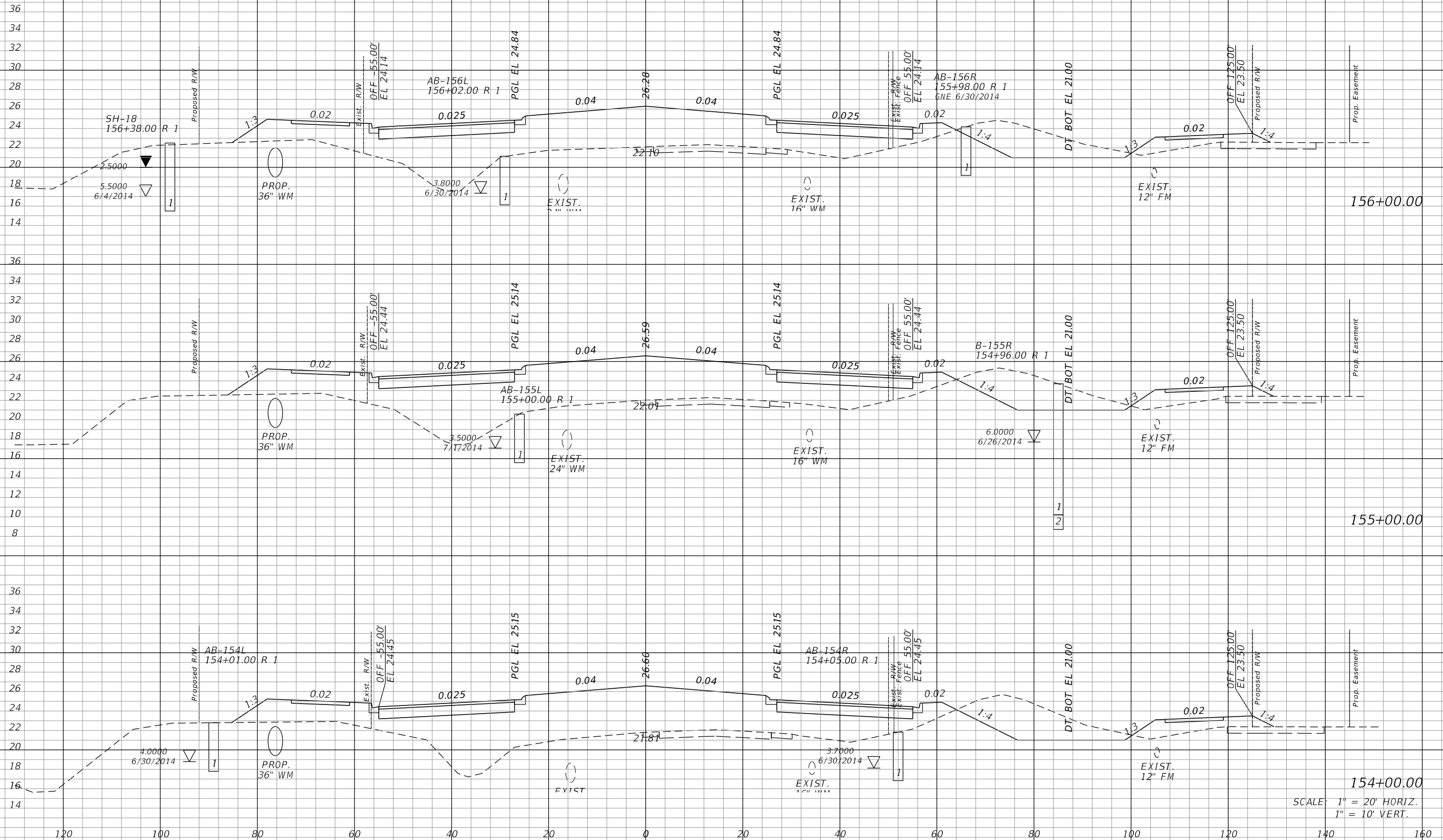
JOHNSON
ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

CROSS SECTIONS
ALICO ROAD

SHEET NO.
159

± CONST.



SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

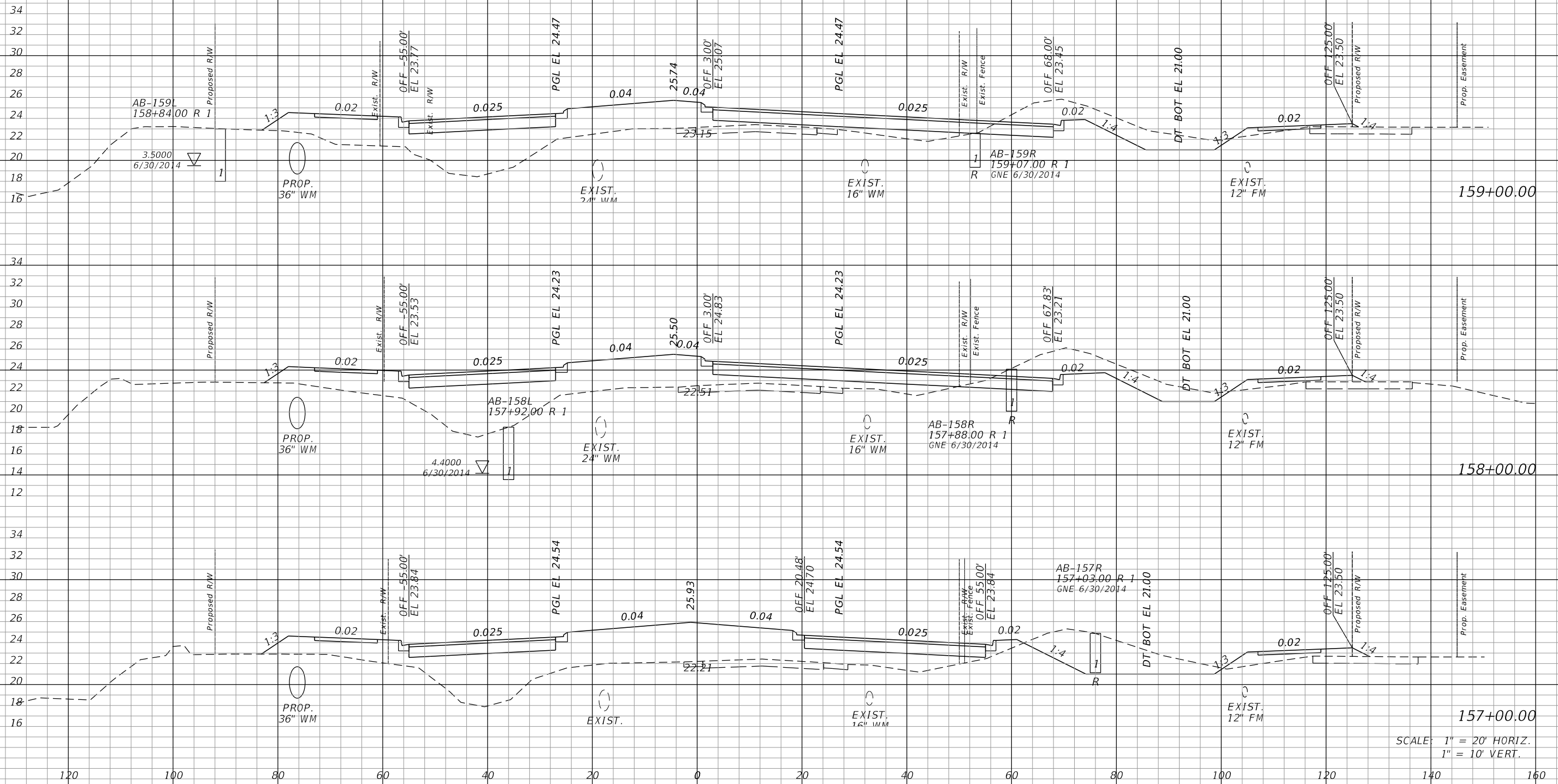
JOHNSON ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

CROSS SECTIONS
ALICO ROAD

SHEET NO.
160

¢ CONST.



SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

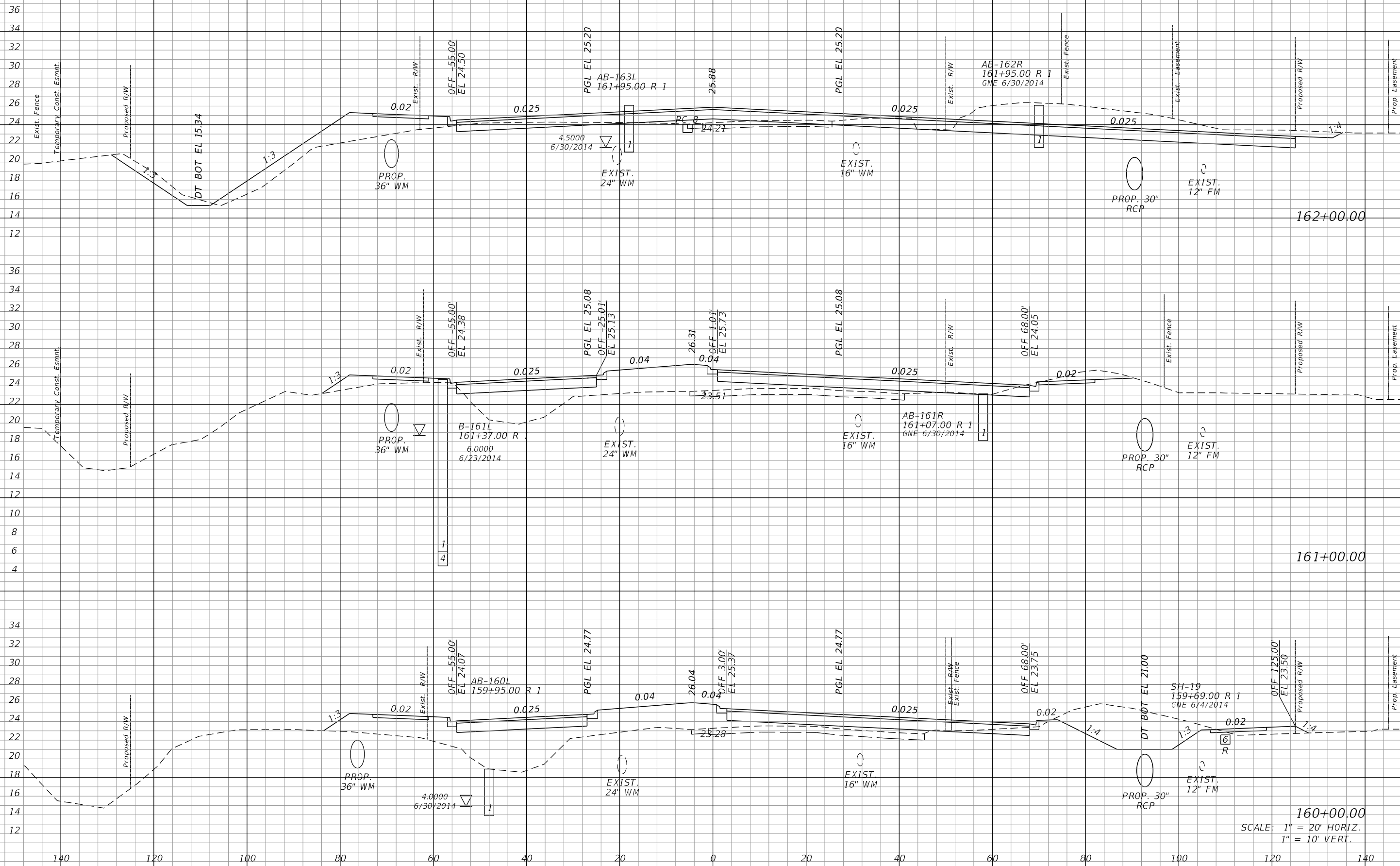
JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

CROSS SECTIONS
ALICO ROAD

SHEET NO.
161

CONST.



SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

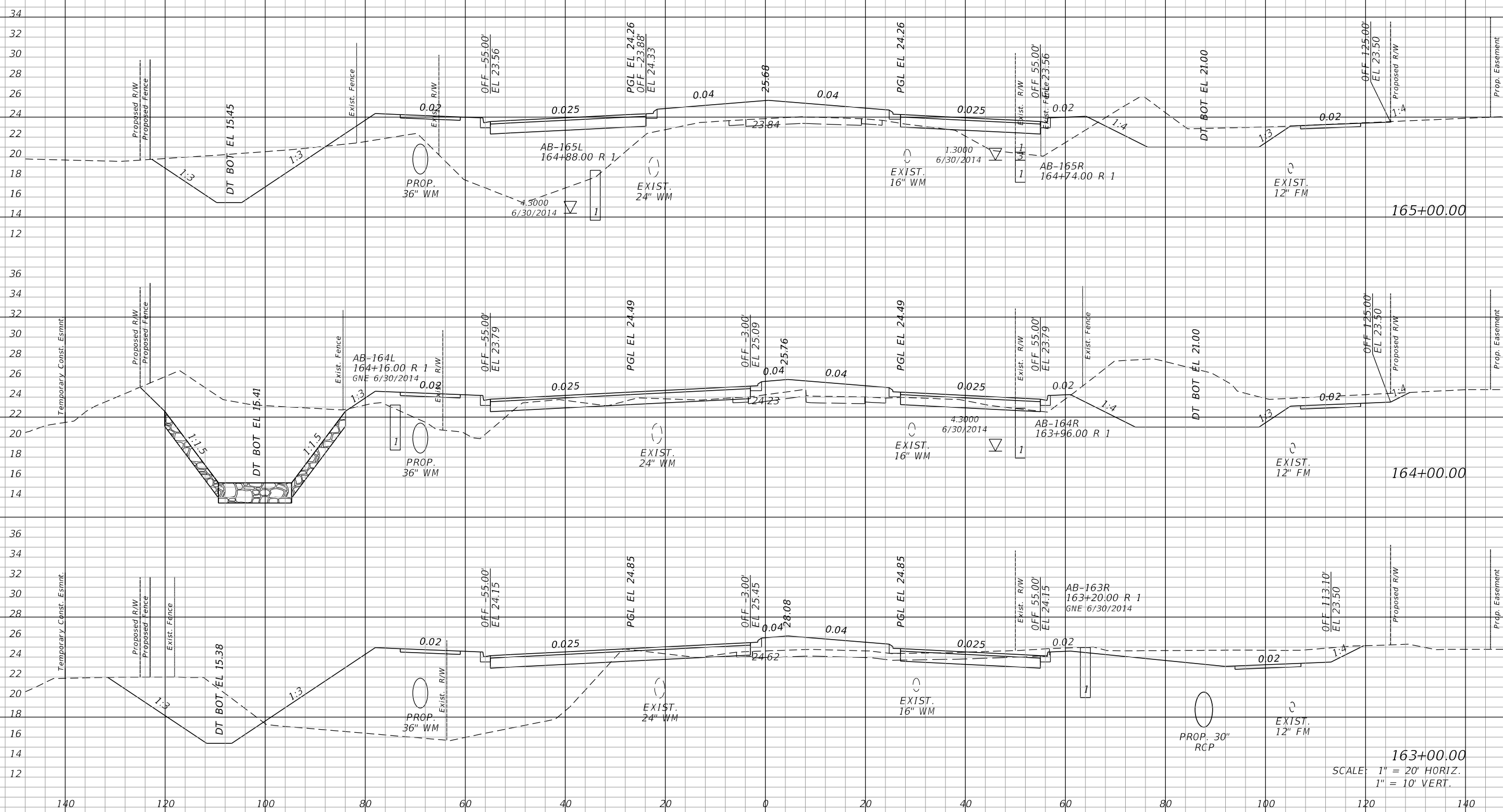
JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

CROSS SECTIONS
ALICO ROAD

SHEET NO.
162

CONST.



163+00.00
SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

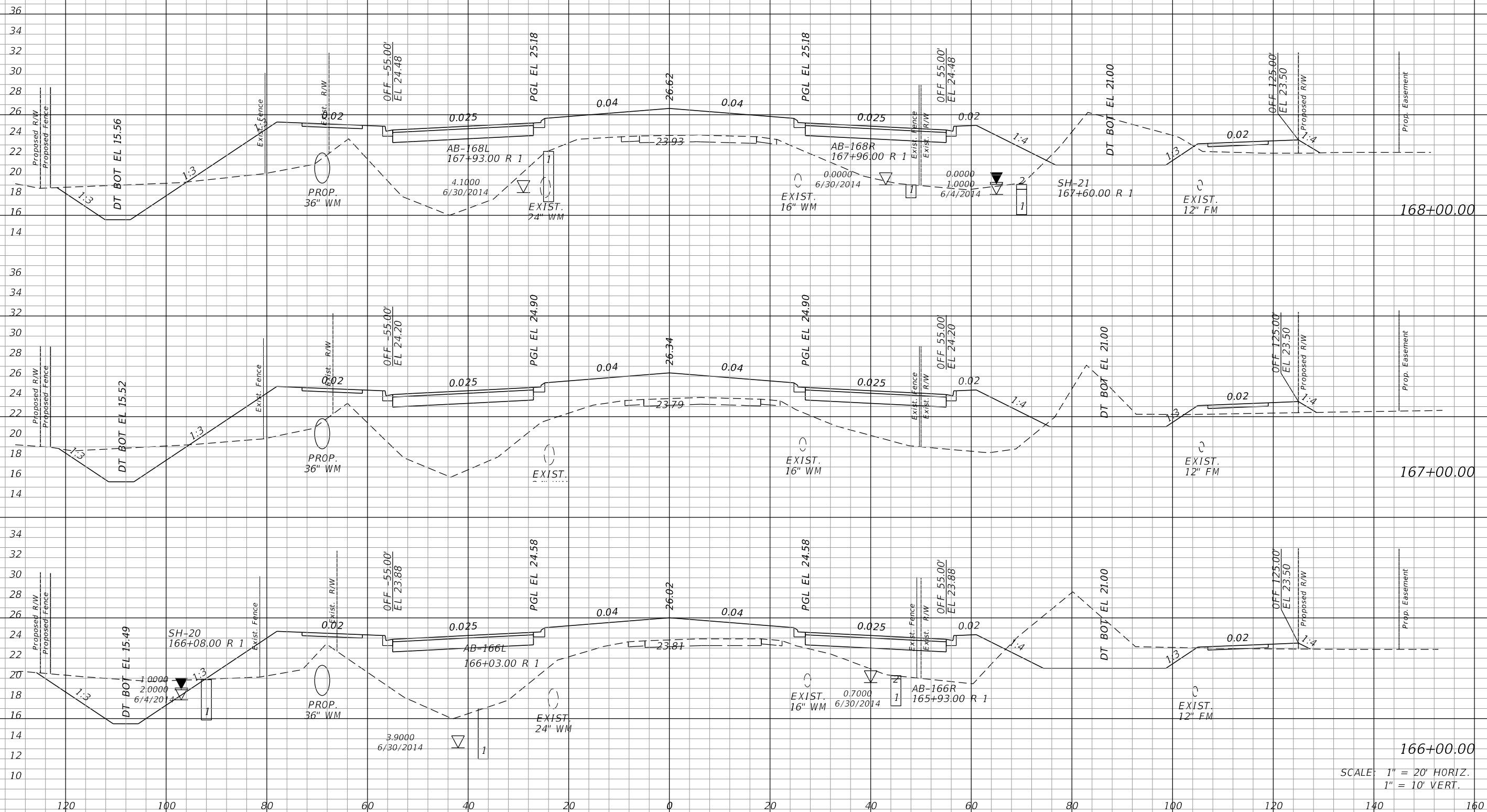
JOHNSON ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

CROSS SECTIONS
ALICO ROAD

SHEET NO.
163

¢ CONST.



SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

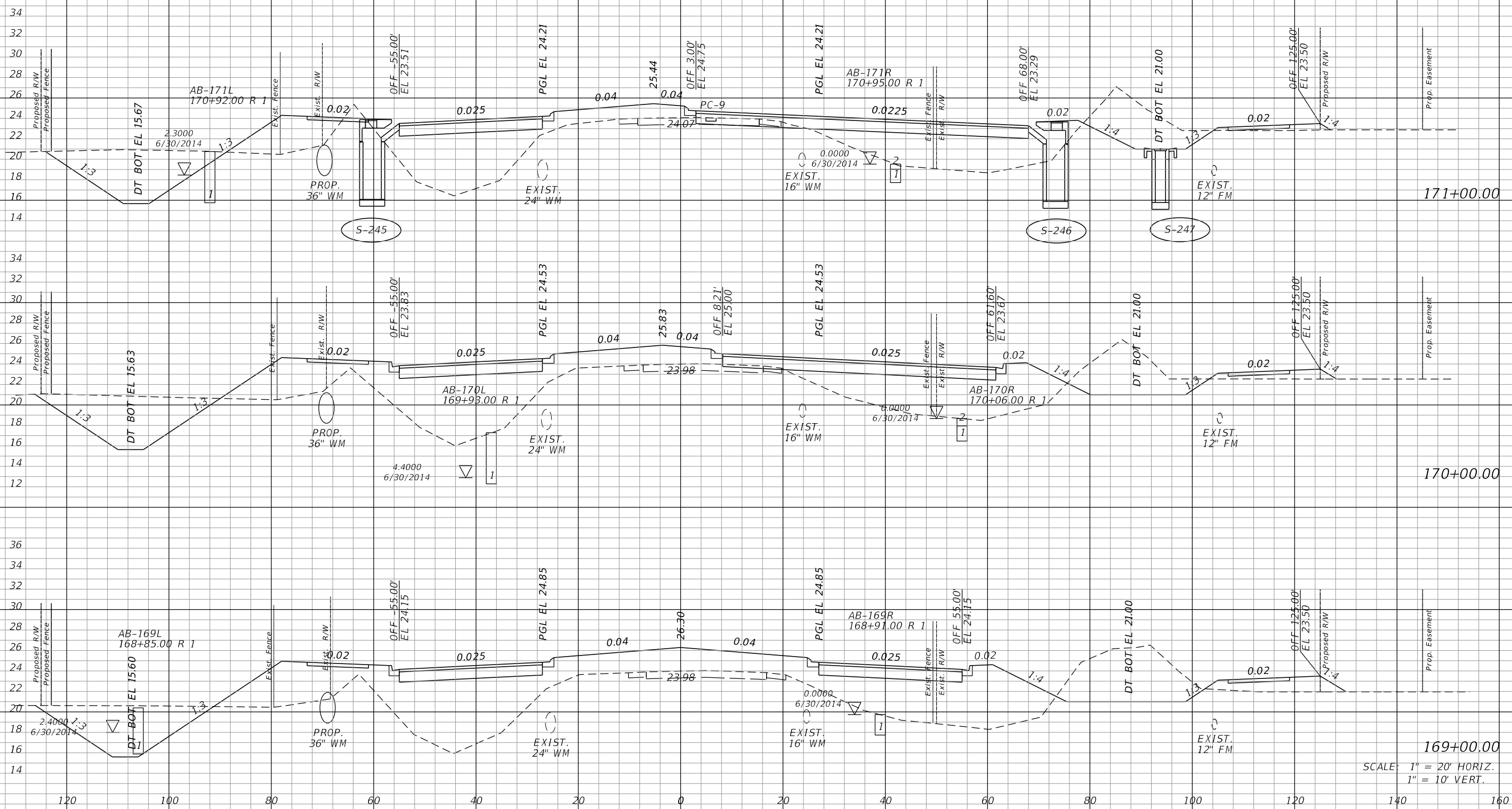
JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

CROSS SECTIONS
ALICO ROAD

SHEET NO.
164

CONST.



SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

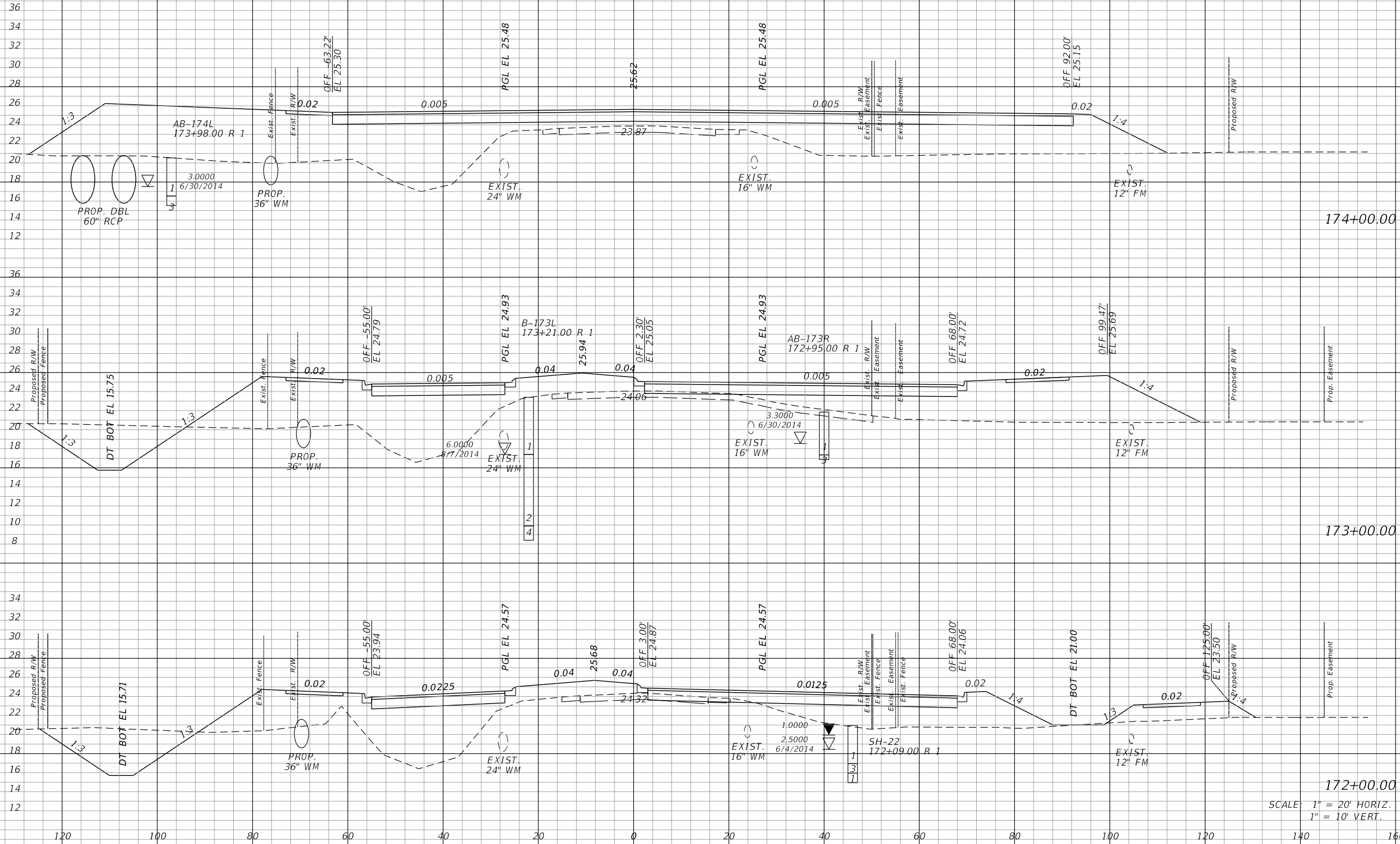
JOHNSON
ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

CROSS SECTIONS
ALICO ROAD

SHEET NO.
165

¢ CONST.



172+00.00
SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

REVISIONS	
DATE	DESCRIPTION

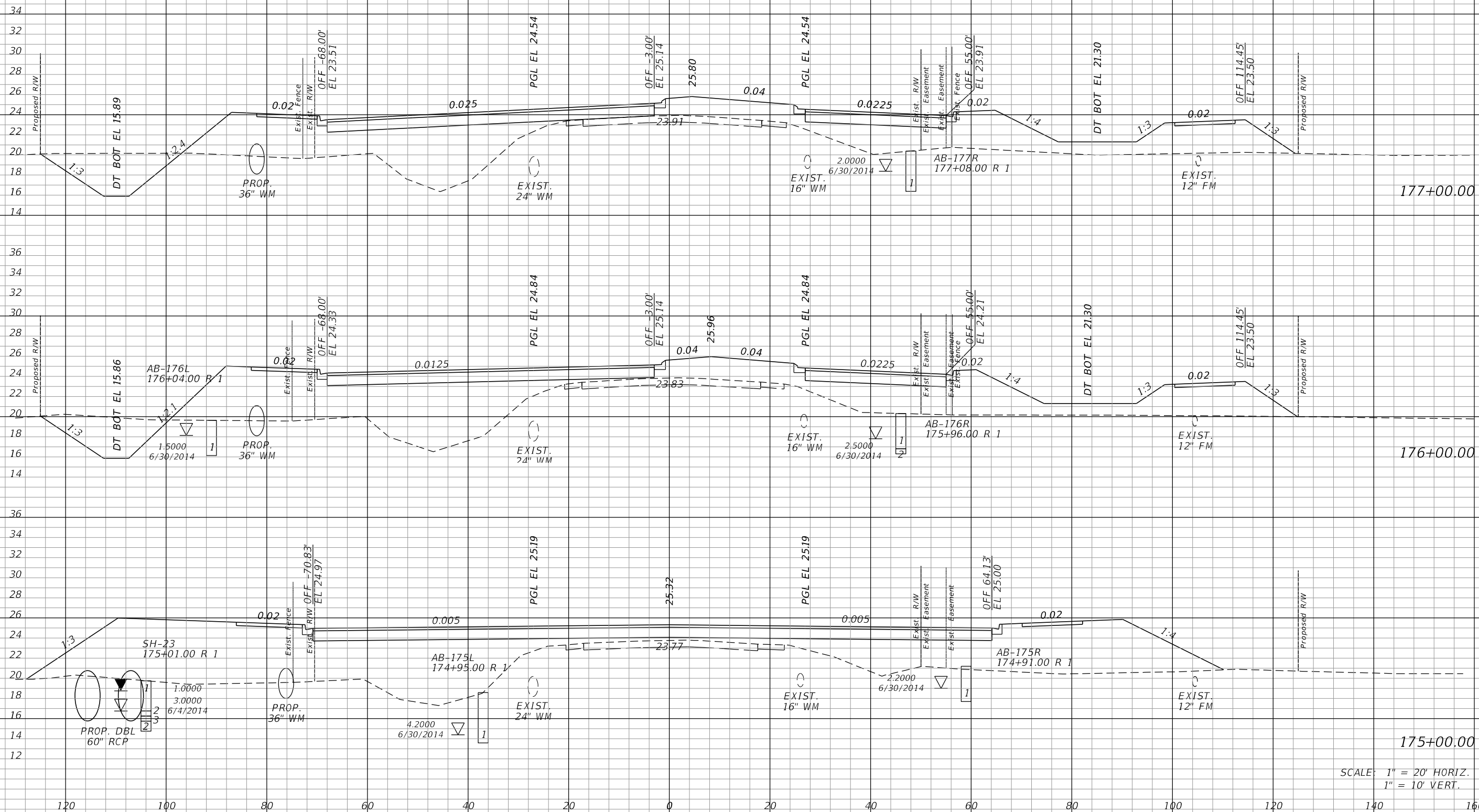
JOHNSON ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

CROSS SECTIONS
ALICO ROAD

SHEET NO.
166

¢ CONST.



SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

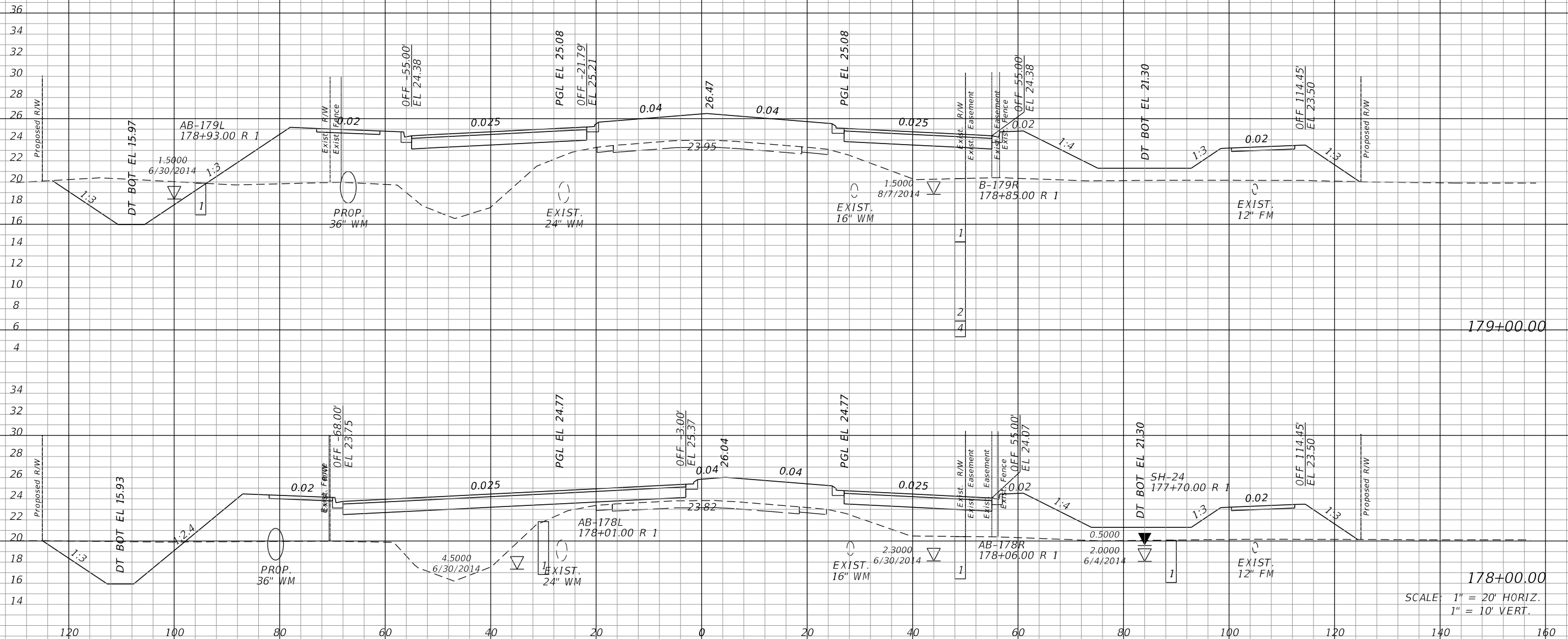
JOHNSON
ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

CROSS SECTIONS
ALICO ROAD

SHEET NO.
167

¢ CONST.



SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

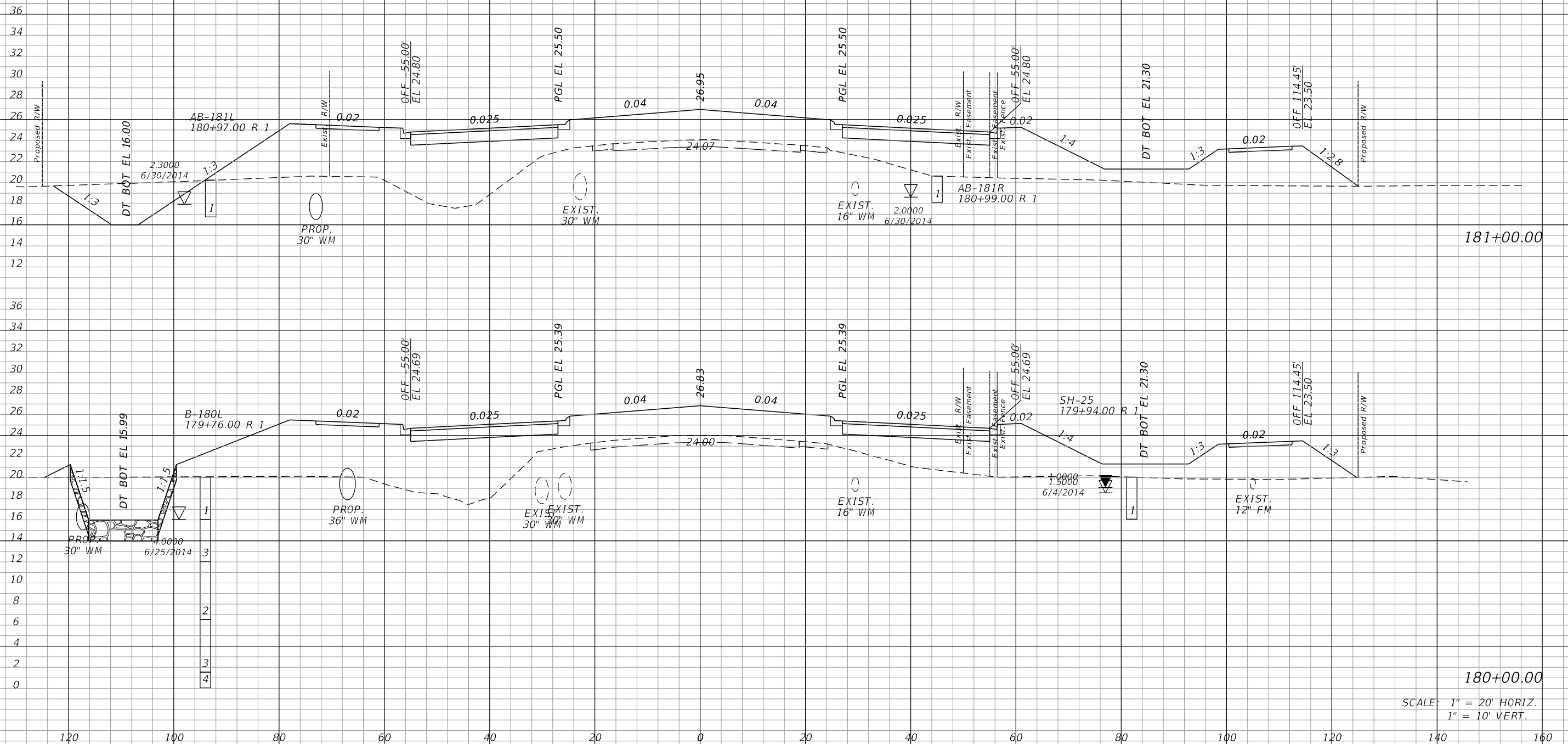
JOHNSON ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

CROSS SECTIONS
ALICO ROAD

SHEET NO.
168

± CONST.



181+00.00
180+00.00
SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

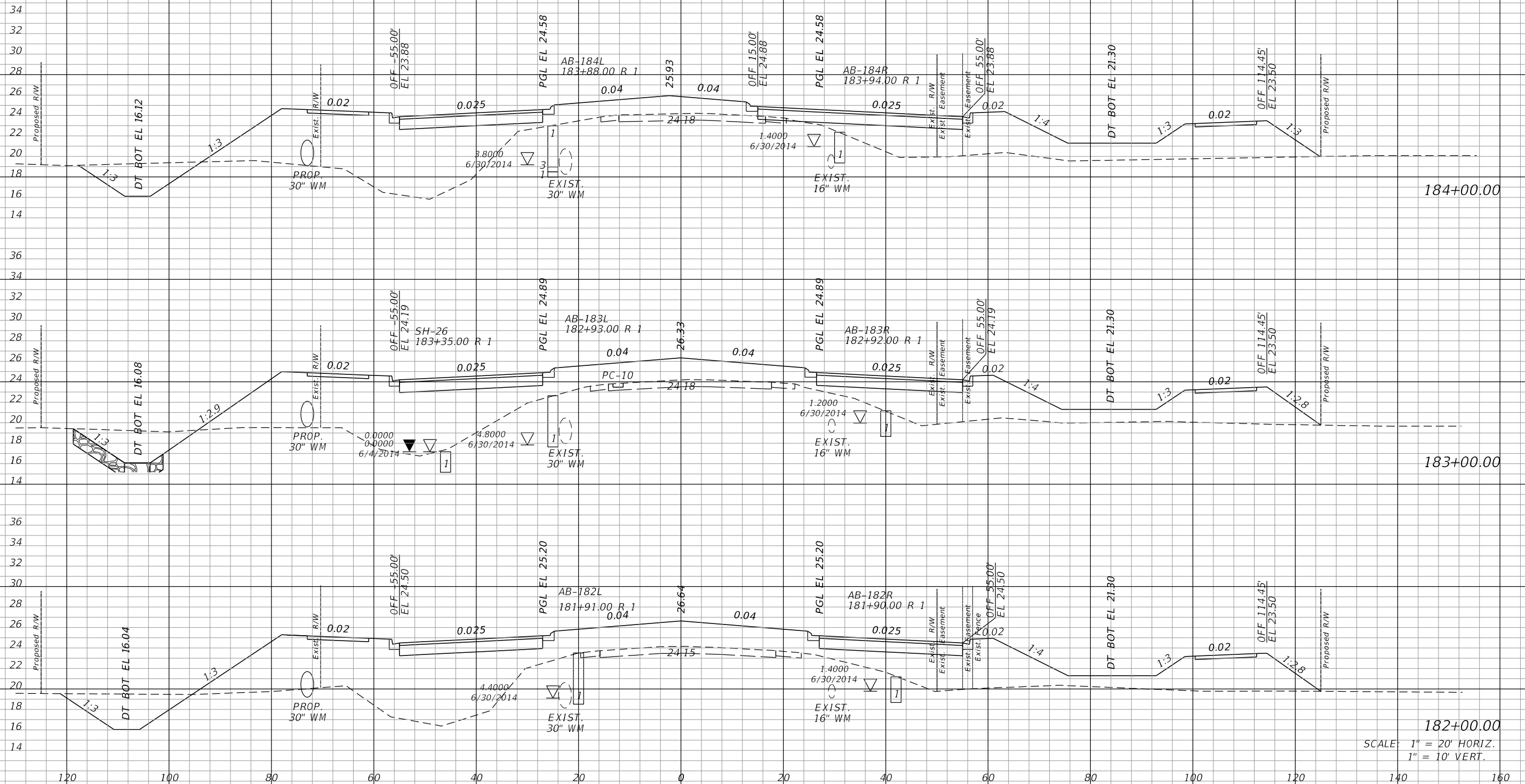
JOHNSON
ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

CROSS SECTIONS
ALICO ROAD

SHEET NO.
169

± CONST.



182+00.00
SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON
ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

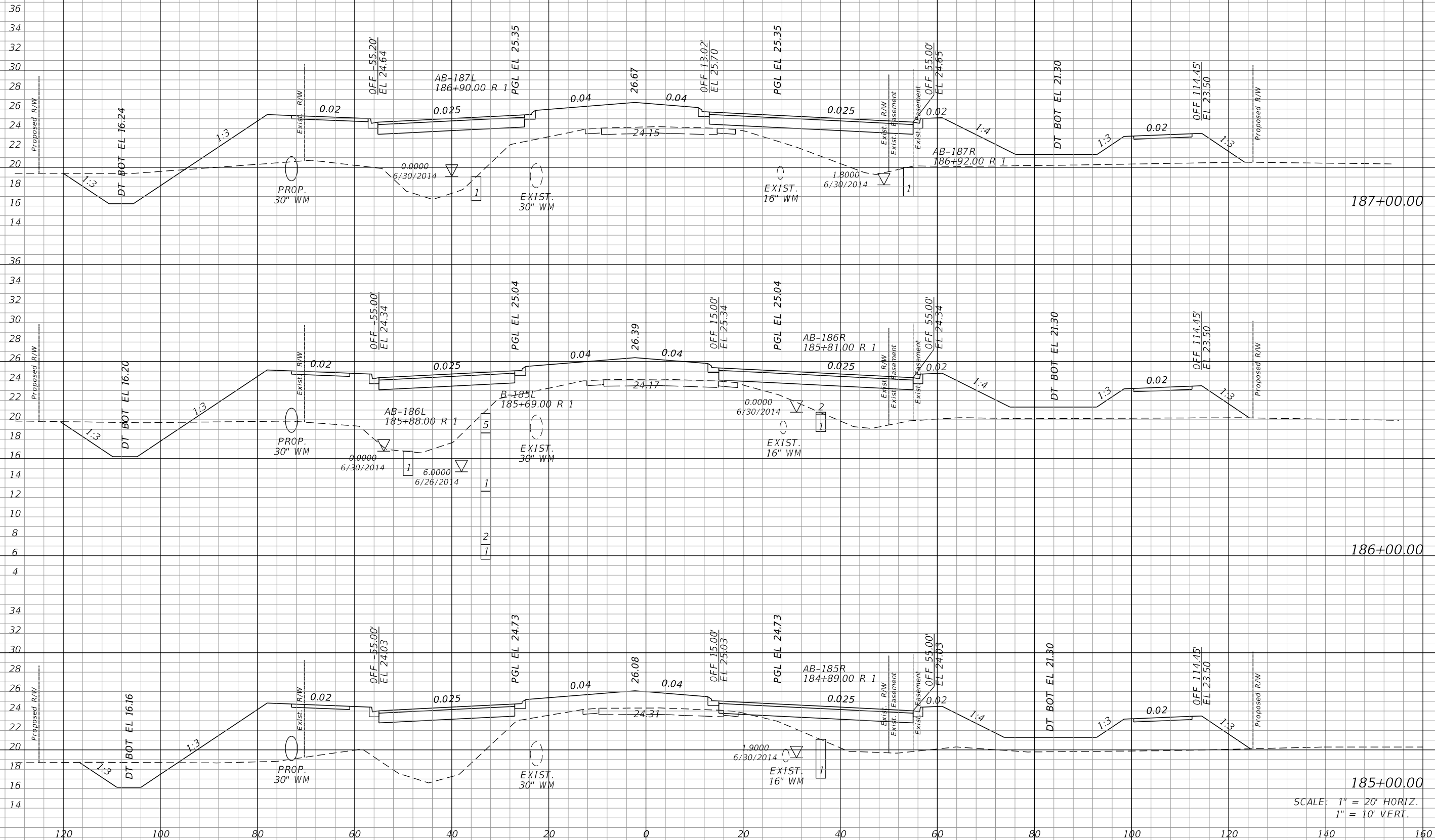
LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

**CROSS SECTIONS
ALICO ROAD**

SHEET NO.

170

¢ CONST.



187+00.00
186+00.00
185+00.00
SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

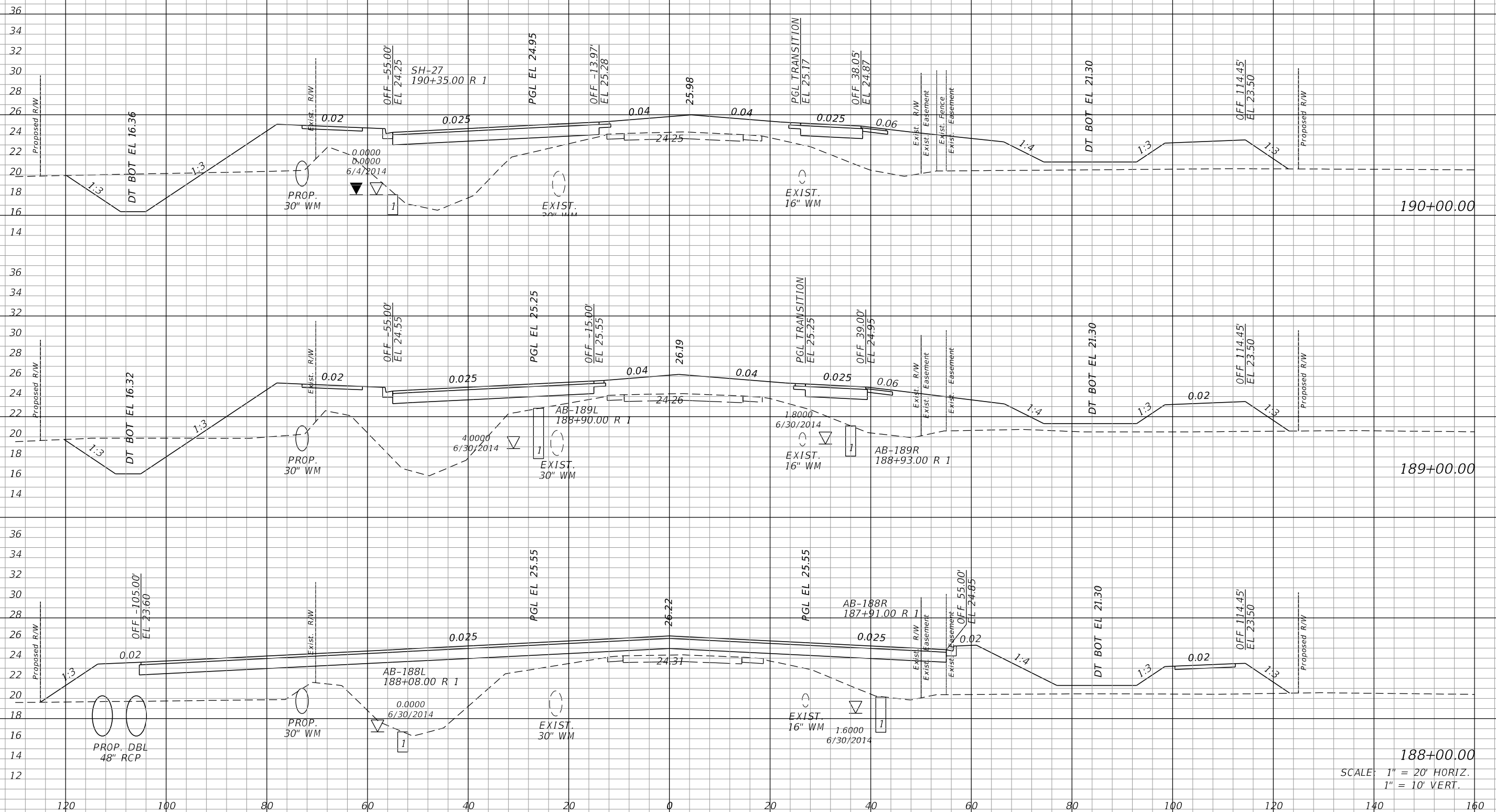
JOHNSON
ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

CROSS SECTIONS
ALICO ROAD

SHEET NO.
171

± CONST.



188+00.00
SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

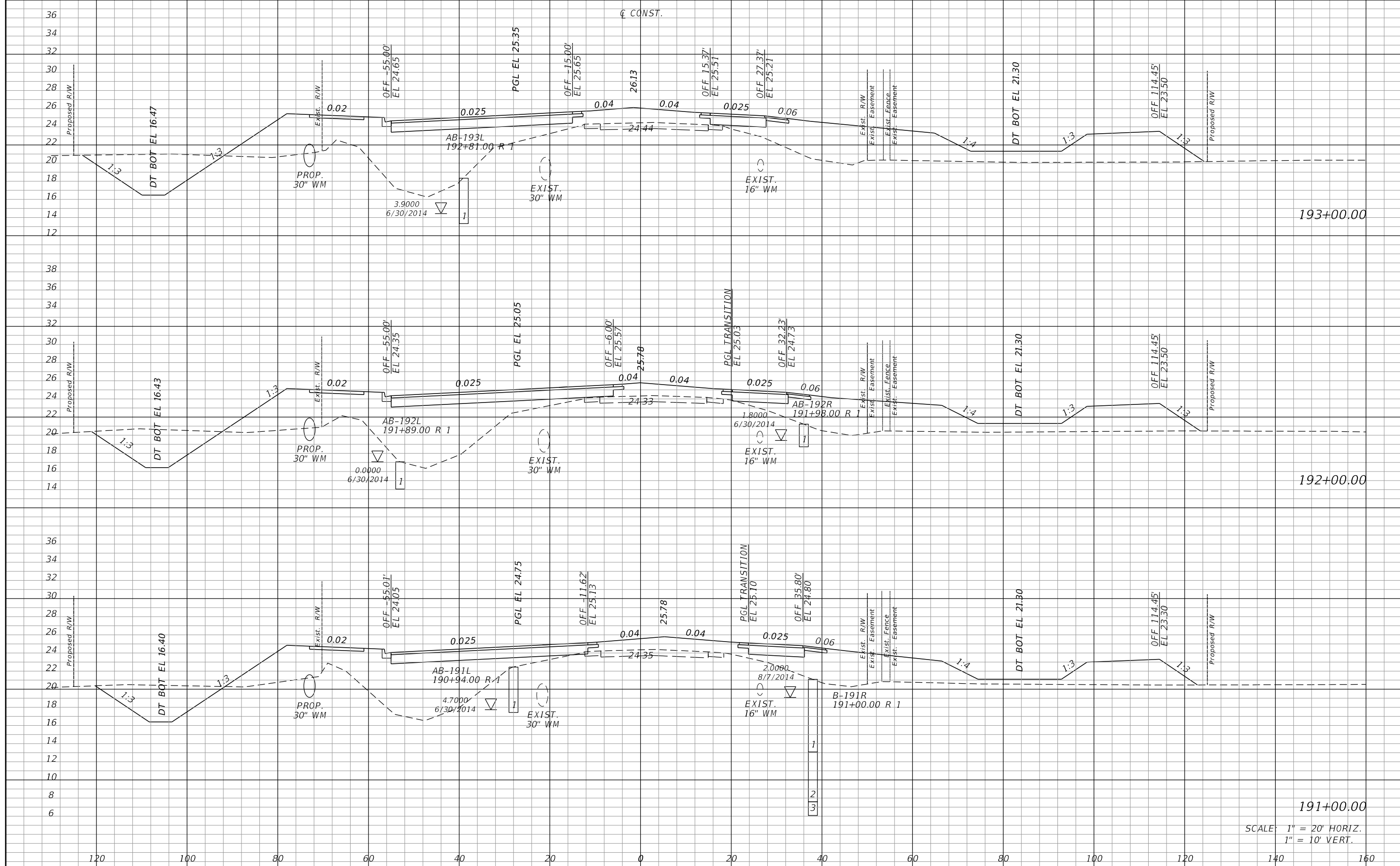
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON
ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

CROSS SECTIONS
ALICO ROAD

SHEET NO.
172



191+00.00
 SCALE: 1" = 20' HORIZ.
 1" = 10' VERT.

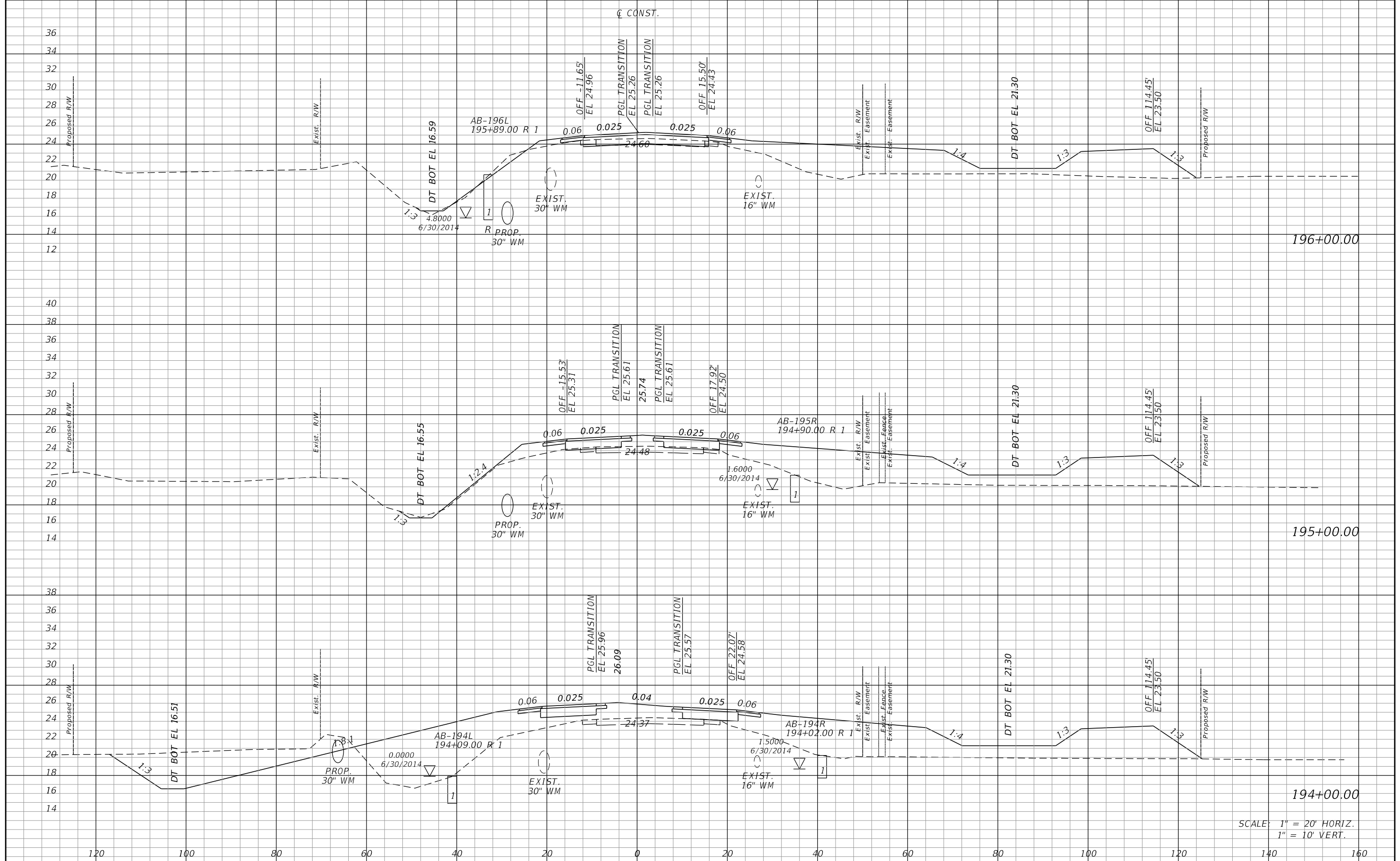
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

CROSS SECTIONS
ALICO ROAD

SHEET NO.
 173



SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

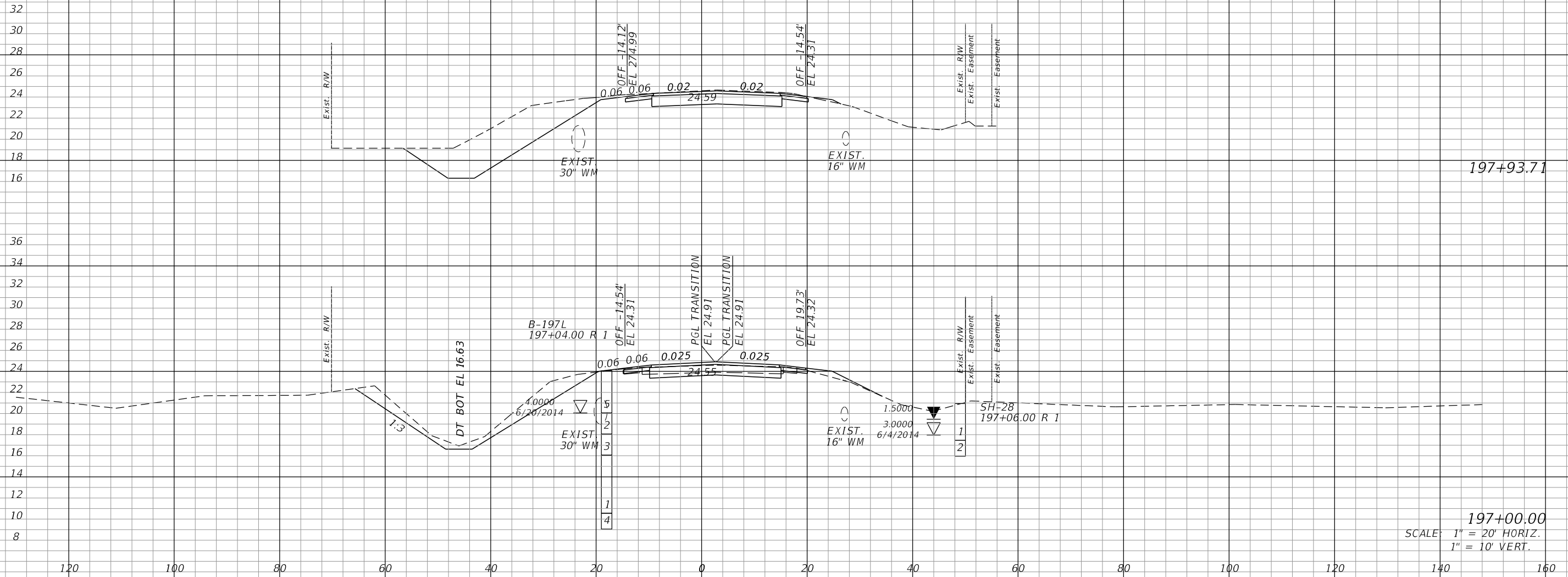
JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

CROSS SECTIONS
ALICO ROAD

SHEET NO.
174

¢ CONST.



197+00.00
SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

REVISIONS	
DATE	DESCRIPTION

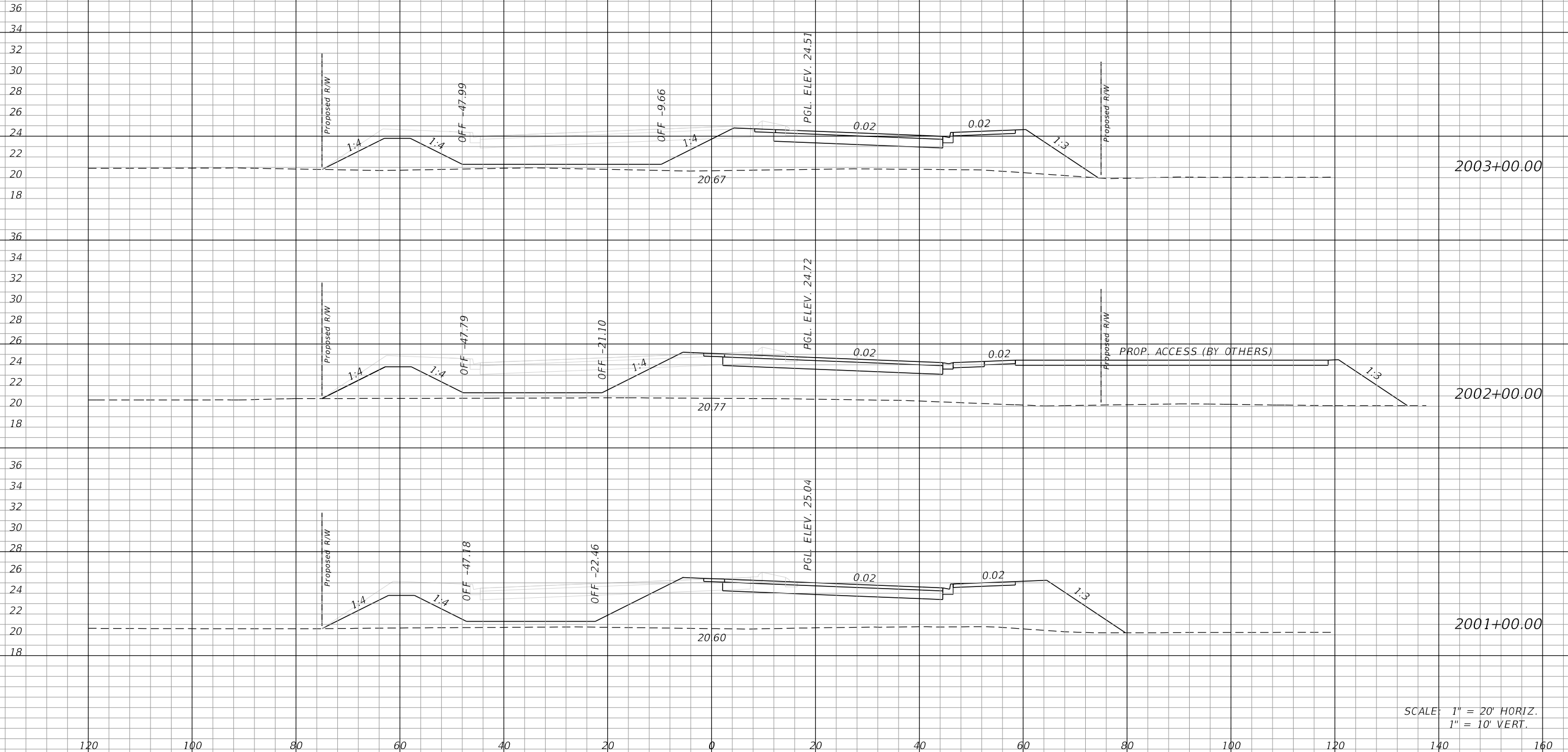
JOHNSON ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

CROSS SECTIONS
ALICO ROAD

SHEET NO.
175

¢ CONST.



SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON
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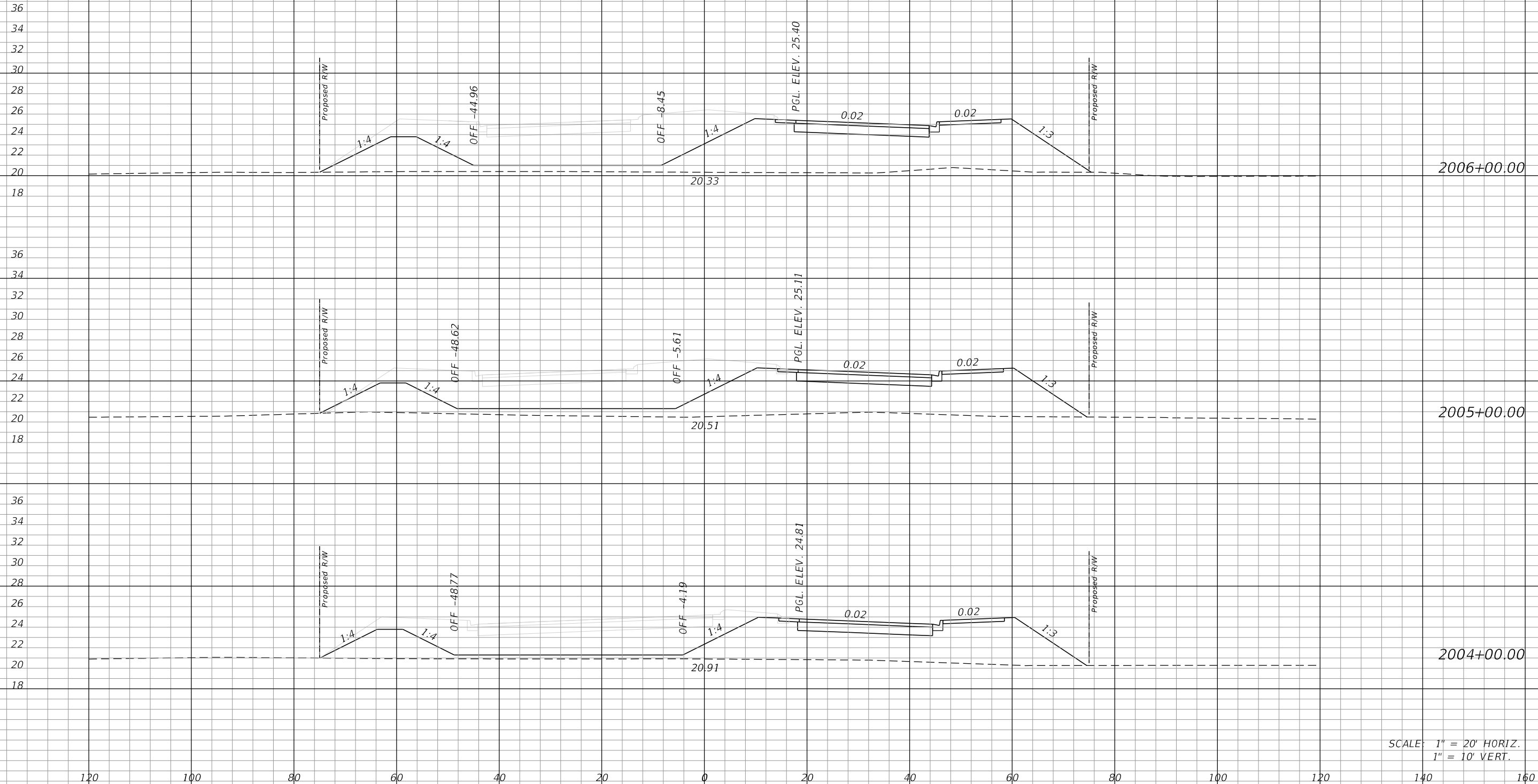
LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

**CROSS SECTIONS
AIRPORT HAUL ROAD**

SHEET NO.

176

¢ CONST.



SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

REVISIONS			
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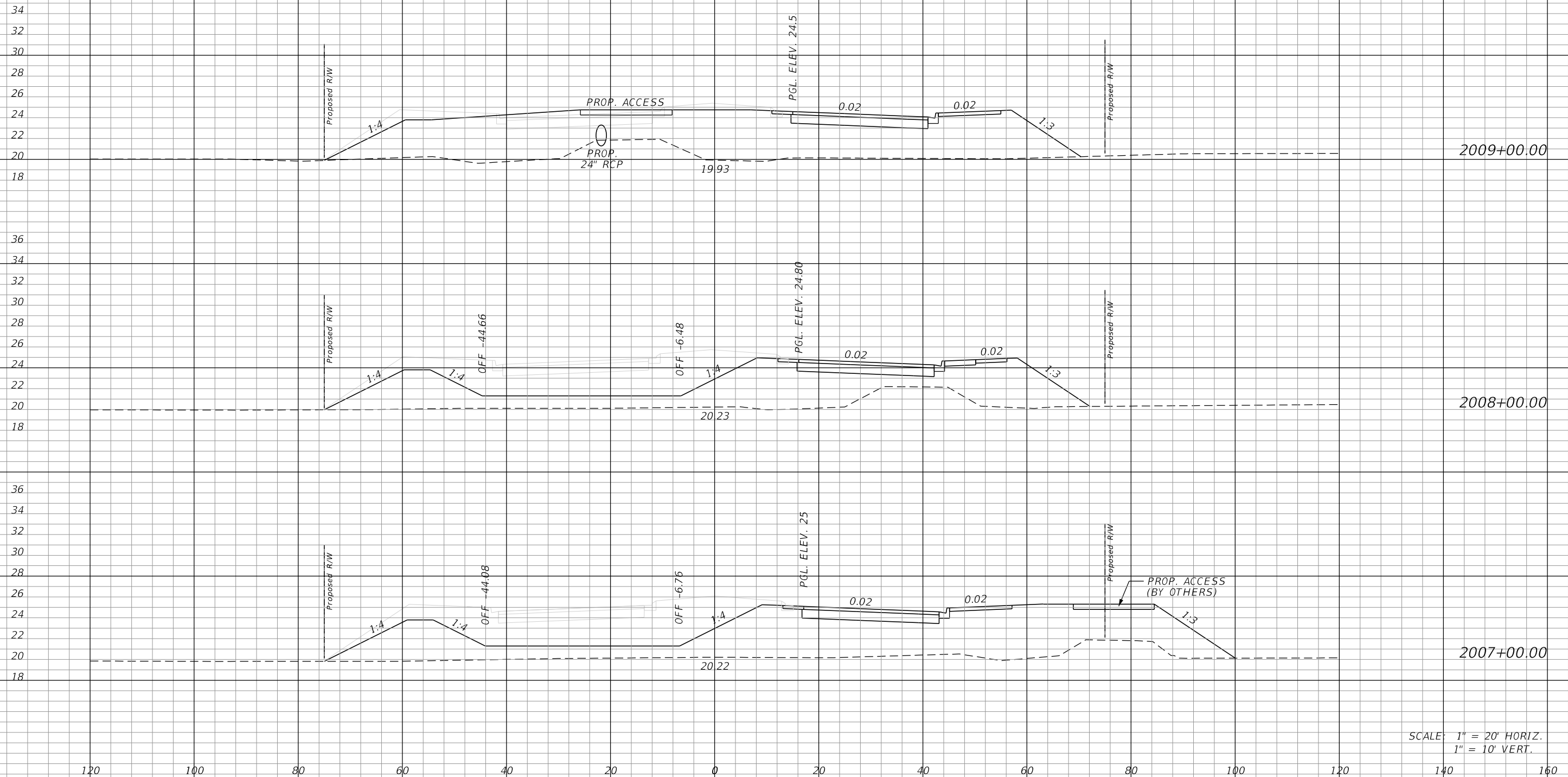
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LEE COUNTY DEPARTMENT OF TRANSPORTATION		
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**CROSS SECTIONS
AIRPORT HAUL ROAD**

SHEET
NO.
177

¢ CONST.



SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

REVISIONS			
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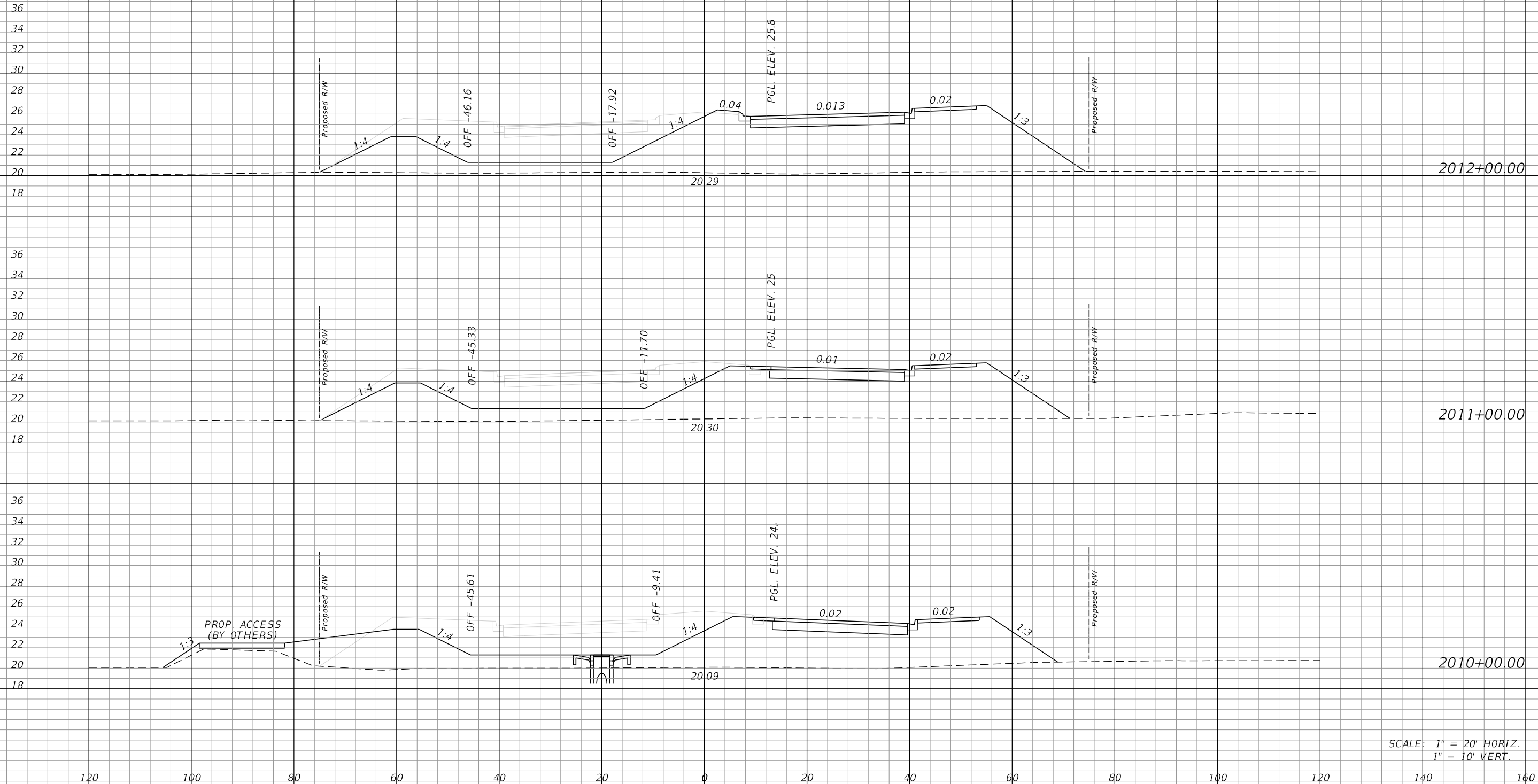
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CROSS SECTIONS
AIRPORT HAUL ROAD

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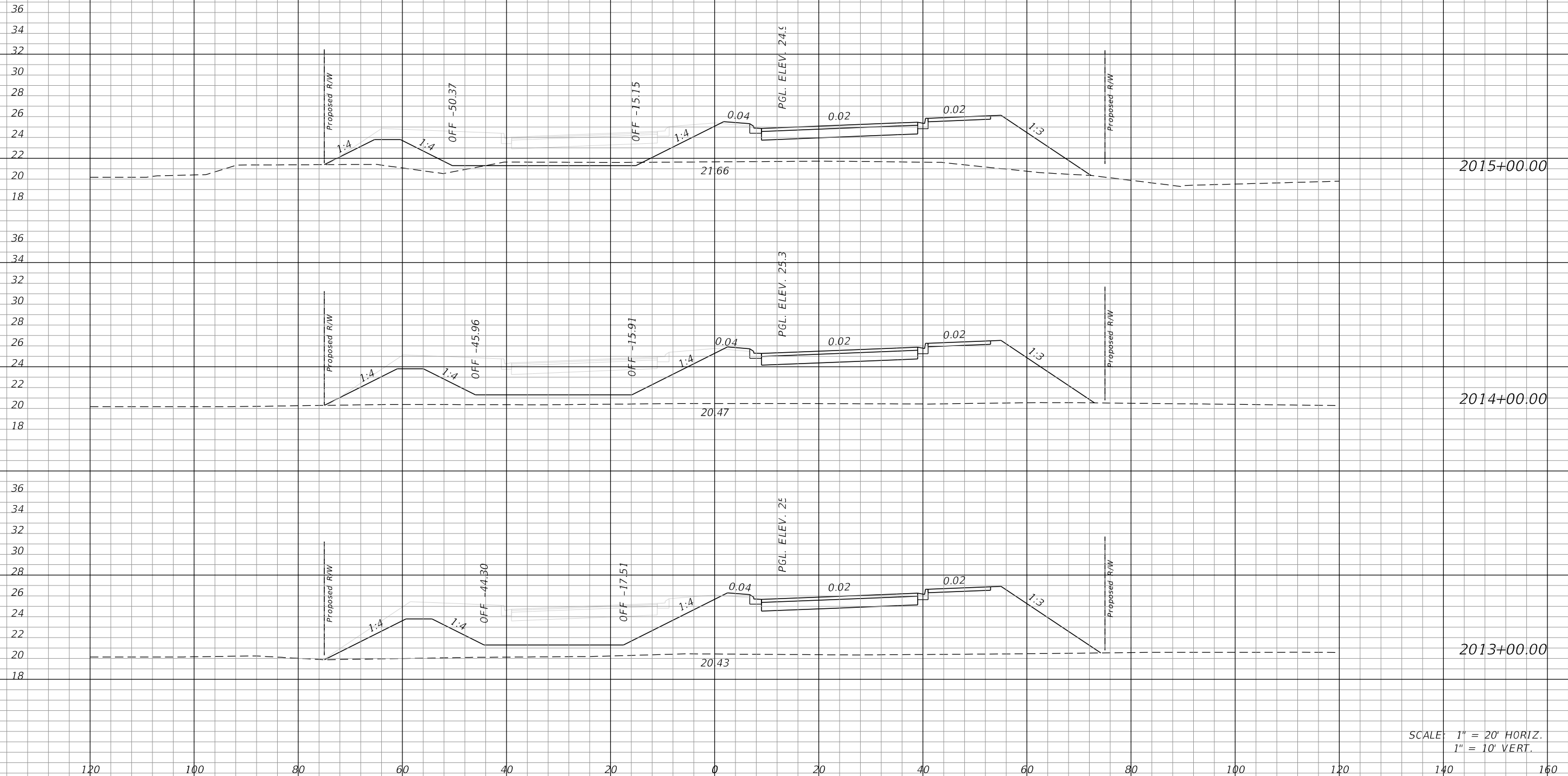
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CROSS SECTIONS
AIRPORT HAUL ROAD

SHEET NO.

179

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SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

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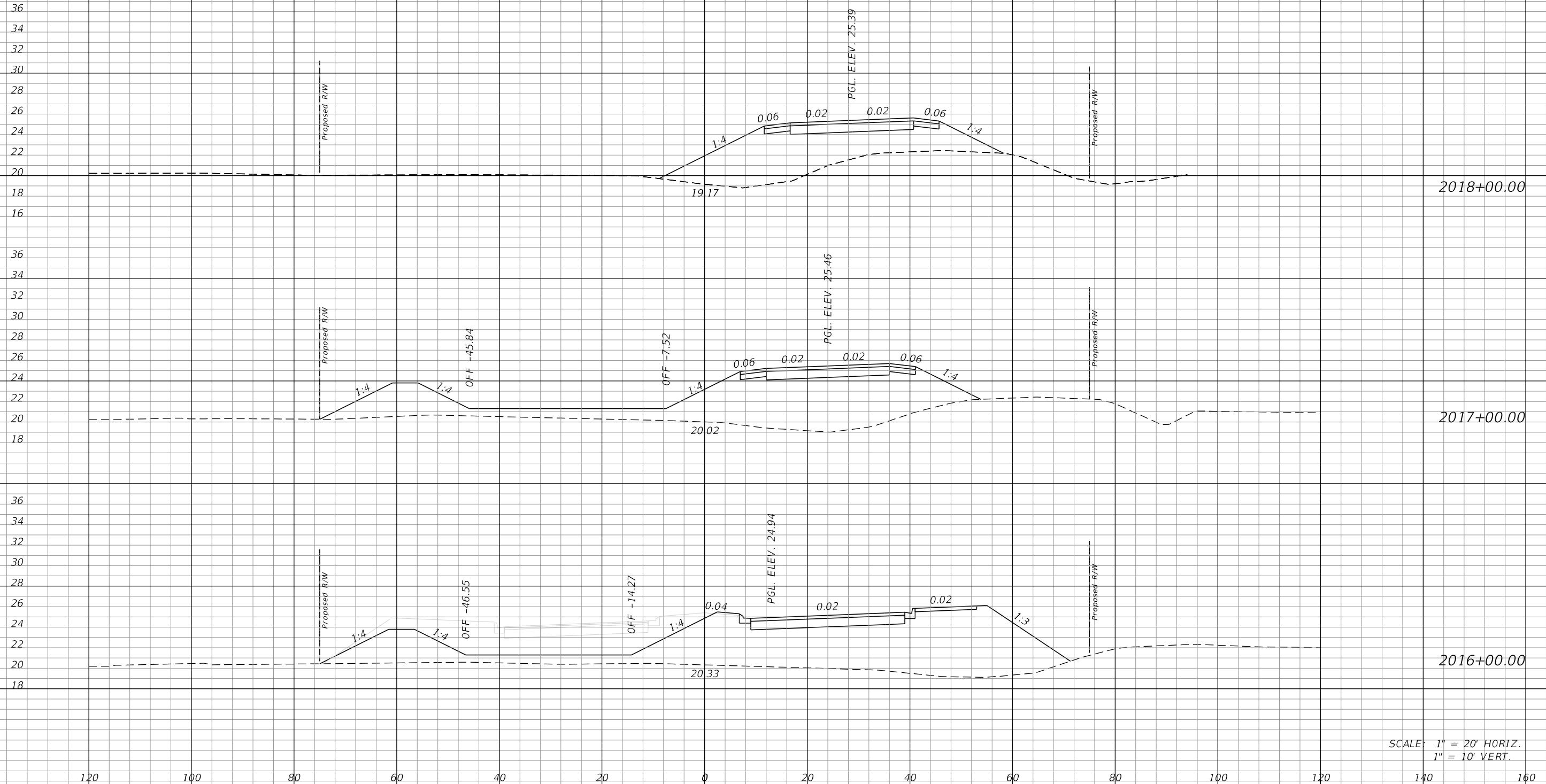
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CROSS SECTIONS
AIRPORT HAUL ROAD

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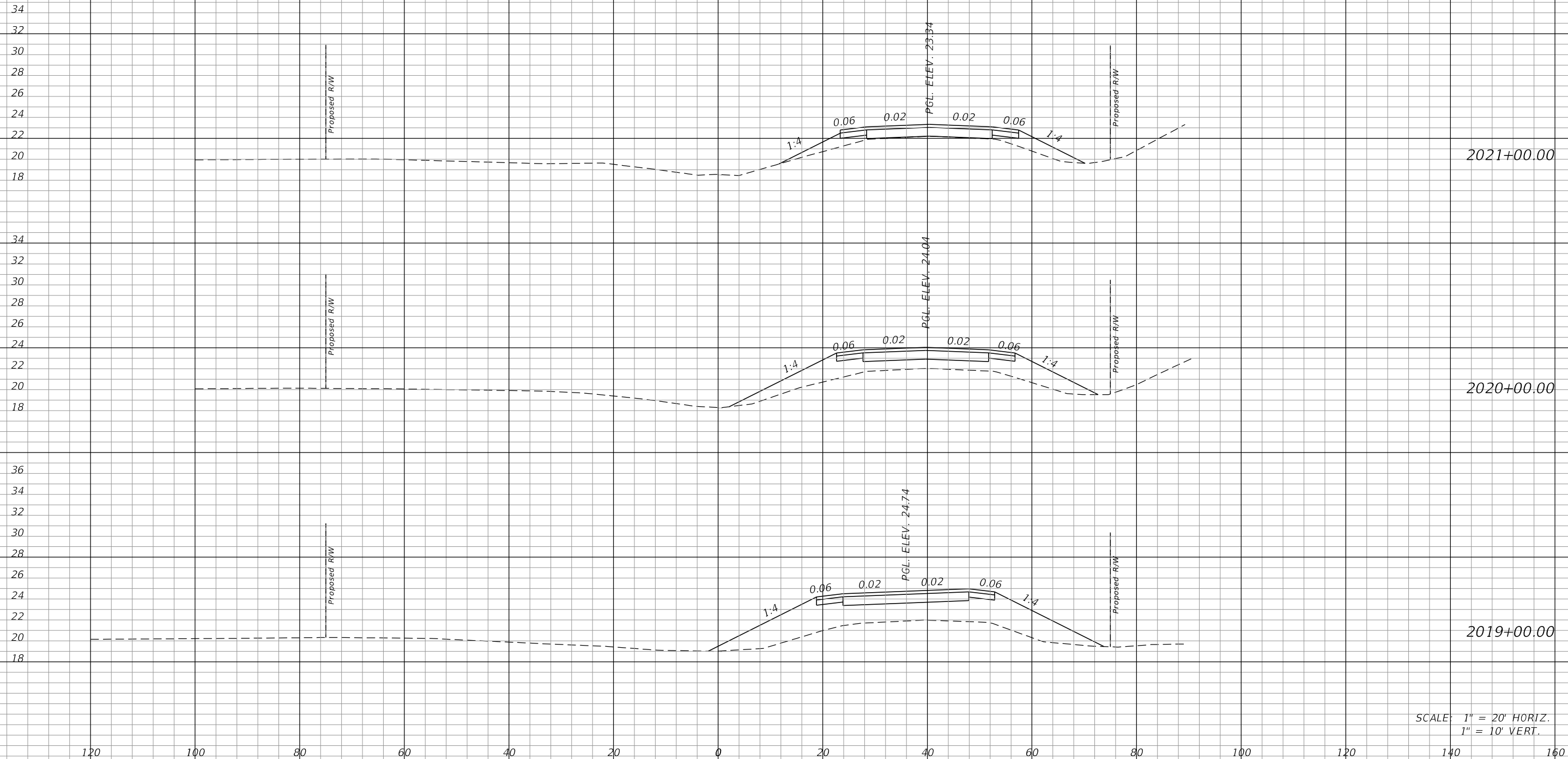
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ROAD NO.	COUNTY	FINANCIAL PROJECT ID
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**CROSS SECTIONS
AIRPORT HAUL ROAD**

SHEET NO.

181

¢ CONST.



SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

REVISIONS			
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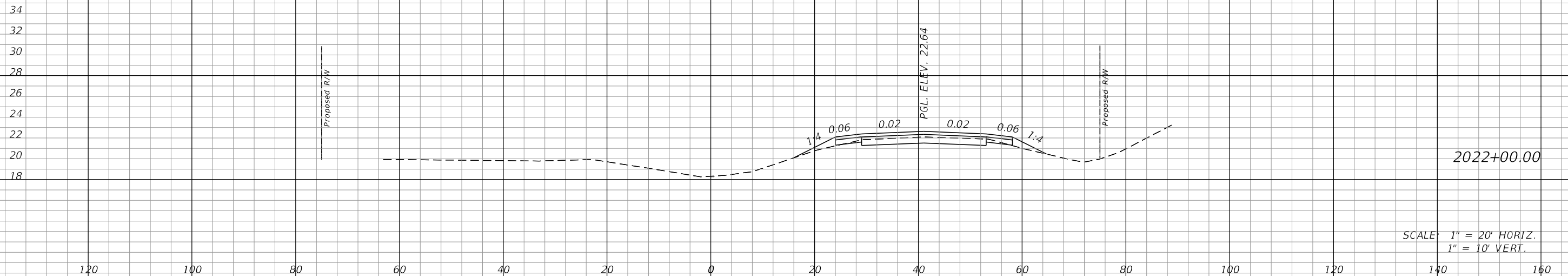
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**CROSS SECTIONS
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I. SITE DESCRIPTION:

(1) NATURE OF CONSTRUCTION ACTIVITY:

NEW CONSTRUCTION AND ROADWAY IMPROVEMENTS FOR ALICO ROAD WIDENING FROM BEN HILL GRIFFIN PARKWAY TO EAST OF AIRPORT HAUL ROAD.

(2) SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES:

THE CONTRACTOR SHALL BE REQUIRED TO FOLLOW THE EROSION CONTROL PLANS INCLUDED IN THE CONSTRUCTION PLANS. THE CONTRACTOR SHALL ALSO PREPARE A DETAILED CONSTRUCTION SCHEDULE TO INDICATE DATES OF MAJOR GRADING ACTIVITIES AND DETERMINE SEQUENCES OF TEMPORARY AND PERMANENT SOIL DISTURBING ACTIVITIES ON ALL PORTIONS OF THE PROJECT. THE CONTRACTOR WILL BE REQUIRED TO MODIFY THE PLAN OR MATERIALS TO ADAPT TO SEASONAL VARIATIONS, CONSTRUCTION ACTIVITY VARIATIONS, OR AS DIRECTED BY THE ENGINEER. APPLICABLE EROSION CONTROL DEVICES AND IMPLEMENTATION PROCEDURES ARE SUPPLIED IN THE STATE OF FLORIDA EROSION AND SEDIMENT CONTROL MANUAL. THE ENGINEER IS RESPONSIBLE FOR DETERMINING IF ANY MODIFICATIONS OR ADDITIONAL CONTROLS ARE REQUIRED AND TO OBTAIN DEPLOYMENT SCHEDULES FOR THE IMPLEMENTATION OF ALL ADDITIONAL EROSION CONTROL DEVICES FROM THE CONTRACTOR.

(3) GENERAL NOTES:

- (a) ALL EROSION CONTROL DEVICES FOR EACH PHASE OF WORK ARE TO BE INSTALLED PRIOR TO BEGINNING WORK ON THAT PHASE.
- (b) INSTALL STAKED SILT FENCE WHERE LISTED IN THE EROSION CONTROL PLANS FOR PERIMETER CONTROLS BEFORE THE LAND IS DISTURBED.
- (c) PROVIDE SYNTHETIC BALES WHERE LISTED IN THE EROSION CONTROL PLANS FOR DITCH BLOCKS DURING CONSTRUCTION.
- (d) PROVIDE ROCK BAGS AT INLET OPENINGS.
- (e) COVER OR STABILIZE DISTURBED AREAS AS SOON AS POSSIBLE.
- (f) DO NOT DISTURB AN AREA UNTIL IT IS NECESSARY FOR CONSTRUCTION TO PROCEED.
- (g) TIME CONSTRUCTION ACTIVITIES TO LIMIT IMPACT FROM SEASONAL CLIMATE CHANGES OR WEATHER EVENTS.
- (h) DO NOT REMOVE PERIMETER CONTROLS UNTIL AFTER ALL UPSTREAM AREAS ARE FULLY STABILIZED AND PERMANENT GRASSING IS ESTABLISHED.

(4) PROJECT AREAS:

THE ESTIMATED TOTAL PROJECT AREA IS 79.355 ACRES. THE ESTIMATED AREA TO BE DISTURBED DURING CONSTRUCTION ACTIVITIES IS 79.355 ACRES.

(5) RUNOFF COEFFICIENTS BEFORE Cw(B), DURING Cw(D), AND AFTER Cw(A) CONSTRUCTION:

RUNOFF COEFFICIENT FOR:

GRASSED SHOULDERS ADJACENT TO ROADWAY: C= 0.3

IMPERVIOUS ROADWAYS AND PAVED SHOULDER: C= 0.9

DISTURBED AREAS, EXPOSED SOIL, ETC., DURING CONSTRUCTION: C= 0.3

WEIGHTED RUNOFF COEFFICIENT:

BEFORE: Cw(B) = 0.4 DURING: Cw(D) = 0.4 AFTER: Cw(A) = 0.7

THE RUNOFF COEFFICIENT DURING CONSTRUCTION, Cw(D), IS CALCULATED ASSUMING THAT THE MAXIMUM ALLOWABLE AREA OF SOIL IS DISTURBED DURING CONSTRUCTION.

(6) DESCRIPTION OF SOIL OR QUALITY OF DISCHARGE:

THE SOILS THAT MAY EXIST WITHIN THE PROJECT LIMITS ARE GENERALLY SANDY SOILS AS SHOWN IN THE USDA SOIL SURVEY MAPS.

(7) ESTIMATED DRAINAGE AREA AND AVERAGE SLOPE OF DRAINAGE AREA FOR EACH OUTFALL:

- (a) SITE MAP: SEE CONSTRUCTION PLANS
- (b) DRAINAGE MAP: SEE CONSTRUCTION PLANS

(8) RECEIVING WATERS:

I-75, CENTER PLACE LAKE, AND WILDBLUE LAKE

(9) THE OUTFALLS ARE NOT 303(d) LISTED WATERS FOR TOTAL SUSPENDED SOLIDS (TSS), TURBIDITY, AND SETTLEABLE SOLIDS.

(10) OUTFALL LOCATIONS:

BASIN BHG: EXISTING PIPES AT BHG	BASIN 200C/D: S-238
BASIN 100: S-210	BASIN 300: CS-300(2)
BASIN 200 A/B: S-223	BASIN AHR: CS-AH
BASIN 200C: CS-200B(3)	

(11) WETLAND IMPACTS ARE DETAILED IN THE ENVIRONMENTAL RESOURCE PERMIT AND ASSOCIATED DOCUMENTATION.

(12) DESCRIPTION OF STORMWATER MANAGEMENT: (EXISTING/PROPOSED)

- (a) PRESENTLY EXISTING DRAINAGE FLOWS ARE SOUTH TOWARDS THE EXISTING PONDS AND NORTH TO THE EXISTING ALICO DITCH.
- (b) OFF-SITE RUNOFF SHOULD BE DIVERTED AWAY OR THROUGH THE CONSTRUCTION AREA, IF POSSIBLE. THIS ADDITIONAL FLOW, IF NOT DIVERTED, CAN ADD VOLUME AND SIZE TO EROSION CONTROL PRACTICES, REQUIRING MORE FREQUENT MAINTENANCE AND LIMITING EFFECTIVENESS OF EROSION AND SEDIMENT CONTROLS.
- (c) THE CONTRACTOR WILL PROVIDE POLLUTION CONTROL BY IMPLEMENTING DUST CONTROL DURING ALL PHASES OF CONSTRUCTION. THIS WILL BE ACCOMPLISHED BY WATERING DISTURBED AREAS.
- (d) THE CONTRACTOR SHALL TAKE ALL REASONABLE PRECAUTIONS TO PREVENT UNAUTHORIZED MATERIALS FROM ENTERING THE WATERWAYS.

II. CONTROLS:

EROSION AND SEDIMENT CONTROLS

- (1) WATER QUALITY MONITORING SHALL BE CONDUCTED BY THE CONTRACTOR UPON THE OBSERVATION THAT THE WATER QUALITY STANDARDS MAY BE VIOLATED BY THE CONTRACTOR'S ACTIVITIES. MONITORING LOCATIONS SHALL BE DESIGNATED BY THE PROJECT ENGINEER. THE CONSTRUCTION MANAGER WILL BE RESPONSIBLE FOR MONITORING ANY ACTIVITIES FOR VIOLATION OF WATER QUALITY STANDARDS AS RELATED TO TURBIDITY (29NTU'S ABOVE BACKGROUND). MONITORING WILL BE ACCOMPLISHED BY RECORDING TURBIDITY READINGS FROM THE CENTER OF THE STREAM, ONE (1) UPSTREAM OF THE ACTIVITY AND ONE (1) DOWNSTREAM OF THE EROSION CONTROL DEVICES, BUT WITHIN THE PROJECT RIGHT OF WAY. IF WATER QUALITY STANDARDS ARE VIOLATED, CONSTRUCTION SHOULD BE STOPPED IMMEDIATELY AND EROSION CONTROL DEVICES RE-EVALUATED BY THE LEE COUNTY REPRESENTATIVE PRIOR TO ANY CONTINUATION OF ACTIVITY. MONITORING ACTIVITIES AND TURBIDITY READINGS SHALL BE RECORDED ON THE CONSTRUCTION INSPECTION REPORT AND CONTINUED UNTIL TURBIDITY READINGS FALL BELOW AN ACCEPTABLE LEVEL (29NTU'S ABOVE BACKGROUND). WATER QUALITY MONITORING MAY BE CONDUCTED DURING ANY PHASE OF CONSTRUCTION AS DIRECTED BY THE COUNTY.

(2) STABILIZATION PRACTICES:

STABILIZATION MEASURES, SUCH AS PERFORMANCE TURF (SODDING) OF SIDE SLOPES PER FDOT SPECIFICATION SECTION 570 SHALL BE INITIATED AS SOON AS PRACTICAL IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE SHALL THE TIME BE GREATER THAN SEVEN (7) DAYS AFTER THE CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASES.

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(3) STRUCTURAL PRACTICES INCLUDE:

- (a) STAKED SILT FENCES
- (b) SYNTHETIC BALES
- (c) SOIL TRACKING PREVENTION DEVICES AT CONSTRUCTION ENTRANCES/EXITS
- (d) FLOATING TURBIDITY BARRIER
- (e) STAKED TURBIDITY BARRIER

(4) SILT FENCE LOCATIONS:

- (a) STAKED SILT FENCE SHALL BE LOCATED AT MINIMUM AS SHOWN IN THE EROSION CONTROL PLANS.
- (b) STOCKPILE AREAS SHALL INCLUDE STAKED SILT FENCE AROUND THE PERIMETER.

(5) SYNTHETIC BALE LOCATIONS:

GENERALLY, SYNTHETIC BALES SHALL BE INSTALLED AT PROPOSED INLET LOCATIONS AND AS DITCH BLOCKS TO AVOID DOWNSTREAM SILTATION. DITCH BLOCKS SHOULD BE LOCATED APPROXIMATELY EVERY 300 FEET OR 90 M.

(6) CONSTRUCTION ENTRANCES/EXITS:

SOIL TRACKING PREVENTION DEVICES (INDEX 106) SHALL BE PROVIDED FOR BOTH ON-SITE AND OFF-SITE LOCATIONS OF STOCKPILED OR EXCAVATED MATERIAL, INCLUDING PROPOSED POND SITES. IF IMMEDIATELY ADJACENT TO A PUBLIC ROADWAY, THE ENGINEER SHALL BE RESPONSIBLE FOR MODIFYING THE SYSTEM OR PROCEDURES AS NEEDED.

(7) TURBIDITY BARRIER LOCATION:

- (a) STAKED TURBIDITY BARRIER IS TO BE USED IN AREAS WHERE WATER BODIES ARE LESS THAN 0.91 M (3 FEET) DEEP.
- (b) ALL EROSION CONTROL DEVICES SHALL BE INSTALLED ACCORDING TO THE CONTRACT DOCUMENTS.
- (c) ANY TEMPORARY MATERIAL USED FOR POLLUTION OR EROSION CONTROL DURING CONSTRUCTION SHALL BE REMOVED AT THE COMPLETION OF THE PROJECT AND FINAL STABILIZATION OF SOILS HAVE BEEN ACHIEVED.

III. OTHER CONTROLS:

(1) WASTE DISPOSAL:

- (a) THE CONTRACTOR WILL PROVIDE LITTER CONTROL AND COLLECTION WITHIN THE PROJECT BOUNDARIES DURING CONSTRUCTION ACTIVITIES.
- (b) ALL FERTILIZER AND CHEMICAL CONTAINERS SHALL BE DISPOSED OF BY THE CONTRACTOR ACCORDING TO EPA'S STANDARD PRACTICES AS DETAILED BY THE MANUFACTURER.
- (c) NO SOLID MATERIALS, INCLUDING BUILDING AND CONSTRUCTION MATERIALS SHALL BE DISCHARGED TO WETLANDS OR BURIED ON-SITE.
- (d) ALL SANITARY WASTE WILL BE COLLECTED FROM PORTABLE UNITS BY A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR AS REQUIRED BY STATE REGULATIONS.

(2) OFF-SITE VEHICLE TRACKING - WILL BE CONTROLLED BY THE FOLLOWING METHODS:

- (a) LOADED HAUL TRUCKS ARE TO BE COVERED BY A TARPULIN AT ALL TIMES.
- (b) EXCESS DIRT ON ROAD WILL BE REMOVED DAILY.

(3) STATE AND LOCAL REGULATIONS: PERMITS WILL BE REQUIRED FROM THE FOLLOWING AGENCIES:

FDEP (NPDES) (CONTRACTOR TO OBTAIN)

(4) NON-STORMWATER (INCLUDING SPILL REPORTING)

THE CONTRACTOR WILL PROVIDE THE COUNTY WITH AN EROSION CONTROL PLAN THAT WILL INCLUDE SPILL CONTAINMENT, REPORTING, AND RESPONSES.

IV. MAINTENANCE:

- (1) THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE AND REPAIRS OF EROSION AND SEDIMENT CONTROL DEVICES, AND REMOVAL OF EROSION AND SEDIMENT CONTROL DEVICES WHEN NOTICE OF TERMINATION IS MAILED.

(2) THE FOLLOWING PRACTICES WILL BE USED TO MAINTAIN EROSION AND SEDIMENT CONTROLS:

GENERAL - ALL CONTROL MEASURES WILL BE MAINTAINED DAILY BY THE CONTRACTOR. ALL MEASURES WILL BE MAINTAINED IN GOOD WORKING ORDER. IF A REPAIR IS NECESSARY, IT WILL BE INITIATED WITHIN 24 HOURS OF NOTICE.

(3) STRUCTURAL PRACTICES:

SODDING WILL BE INSPECTED FOR BARE SPOTS, WASHOUTS, AND HEALTHY GROWTH. SYNTHETIC BALES SHALL BE MAINTAINED TO ENSURE THEIR USEFULNESS AND NOT BLOCK OR IMPEDE STORMWATER FLOW OR DRAINAGE. STAKED SILT FENCES SHALL BE REPLACED EVERY TWELVE (12) MONTHS OR WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPEDE STORMWATER FLOW OR DRAINAGE. STABILIZED CONSTRUCTION ENTRANCES SHALL BE MAINTAINED TO PREVENT CLOGGING OF ROCK BEDDING WHICH MAY IMPEDE THE USEFULNESS OF THE STRUCTURE.

V. INSPECTION:

- (1) THE CONTRACTOR SHALL INSTALL AND MAINTAIN RAIN GAUGES ON THE PROJECT SITE AND RECORD WEEKLY RAINFALL IN ACCORDANCE WITH THE NPDES PERMIT. ALL CONTROL MEASURES WILL BE MAINTAINED DAILY BY THE CONTRACTOR.

- (2) ALL EROSION AND WATER POLLUTION ABATEMENT AND CONTROL MEASURES WILL BE INSPECTED DAILY BY CONTRACTOR'S PERSONNEL WHO ARE F.D.E.P. CERTIFIED STORMWATER MANAGEMENT INSPECTORS.

- (3) THE CONTRACTOR SHALL COMPLETE ALL SWPPP INSPECTION REPORT FORMS REQUIRED FOR THE NPDES PERMIT.

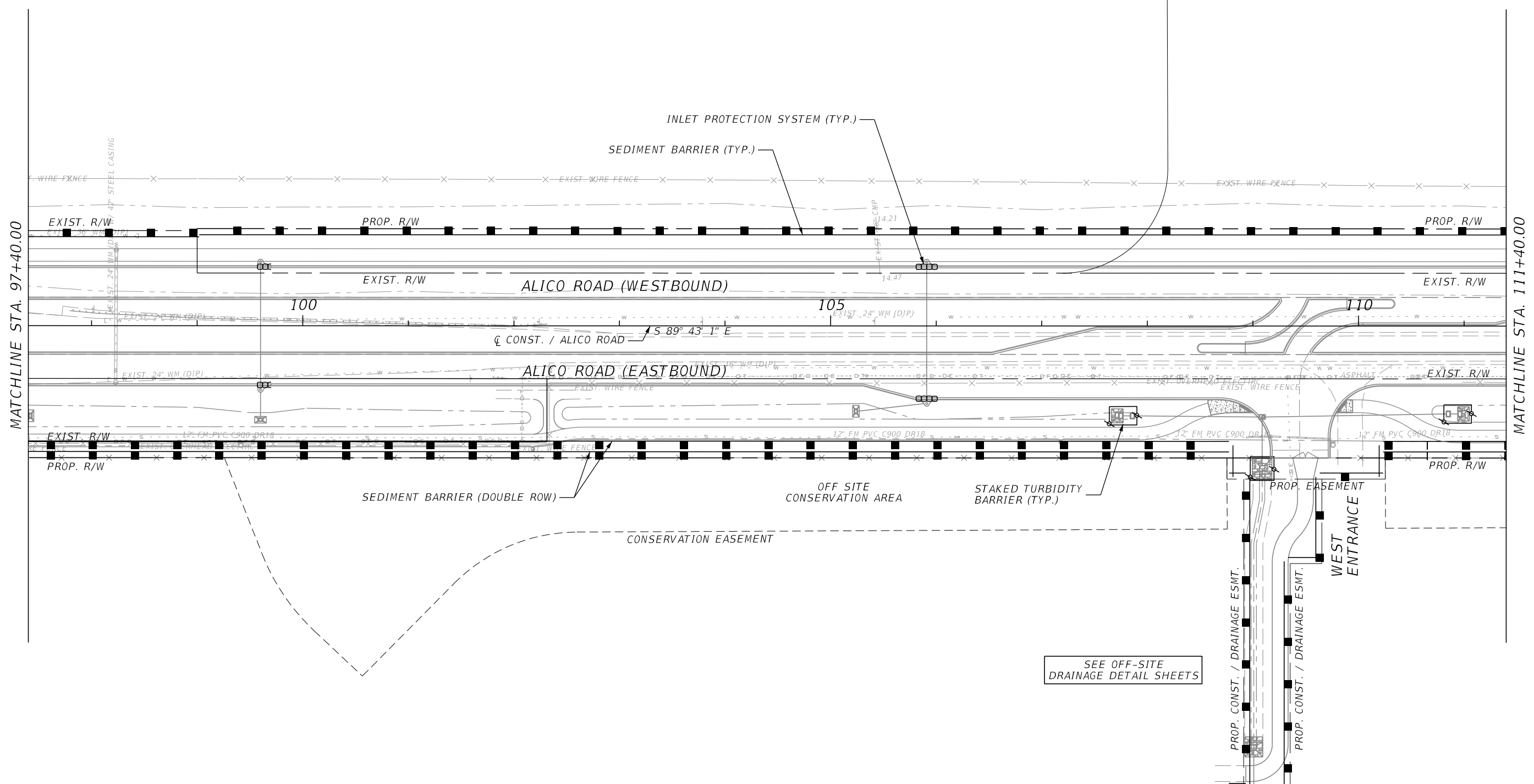
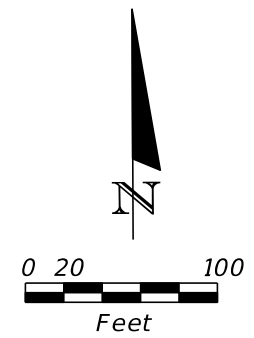
VI. TRACKING AND REPORTING:

- (1) THE CONTRACTOR SHALL SUBMIT A WEEKLY REPORT TO THE COUNTY DOCUMENTING THE DAILY INSPECTIONS AND MAINTENANCE OR REPAIRS TO THE SEDIMENT CONTROL DEVICES. THE CONTRACTOR SHALL MAINTAIN ALL REQUIRED REPORTS AND COMPLETE ALL SWPPP INSPECTION FORMS.

- (2) PREPARATION OF ALL THE CONTRACTOR'S REPORTS OF INSPECTION, MAINTENANCE AND REPAIRS REQUIRED FOR THE CONTROL AND ABATEMENT OF EROSION AND WATER POLLUTION, SHALL BE INCLUDED IN THE INDIVIDUAL COSTS OF THE EROSION CONTROL DEVICES.

- (3) THE CONTRACTOR SHALL USE THE CONSTRUCTION INSPECTION REPORT (# 650-040-03) DATED 11/09 FOR DAILY INSPECTIONS.

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MATCHLINE STA. 97+40.00

MATCHLINE STA. 111+40.00

SEE OFF-SITE DRAINAGE DETAIL SHEETS

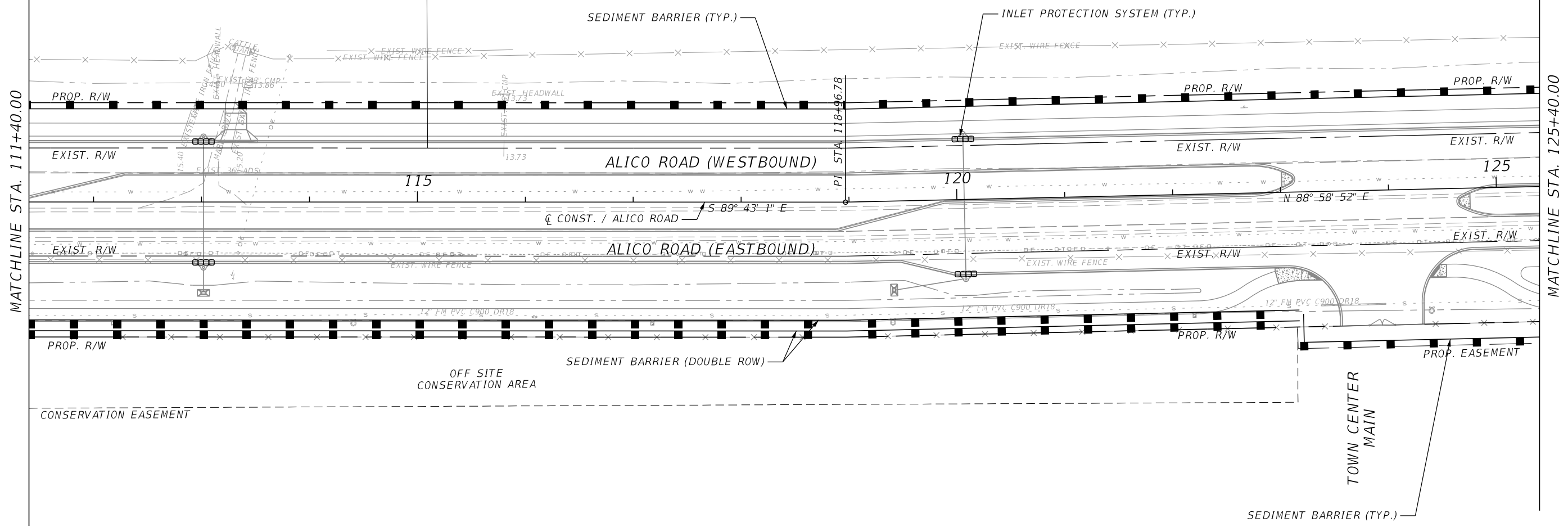
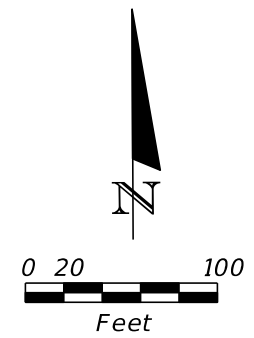
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EROSION CONTROL
ALICO ROAD

SHEET NO.
187



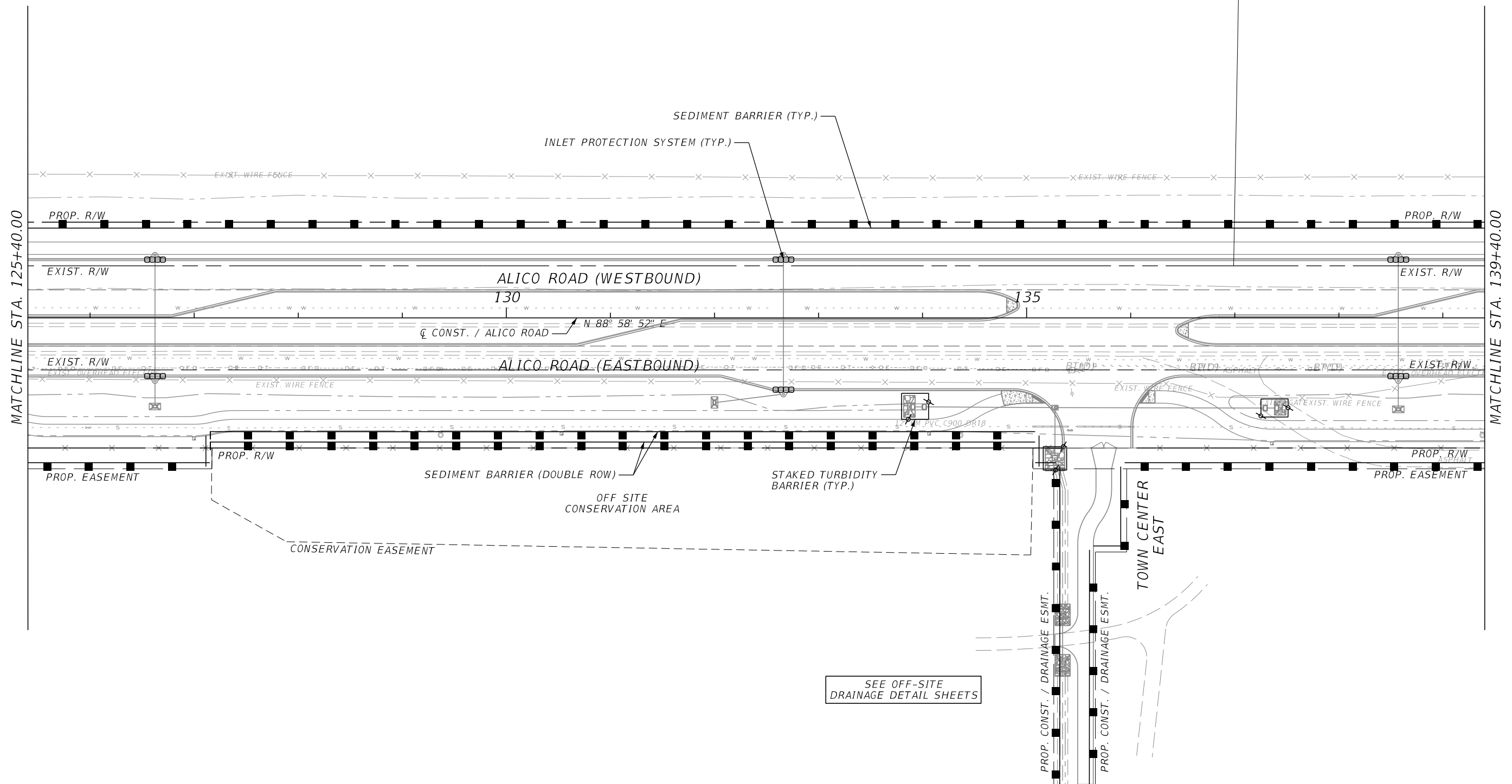
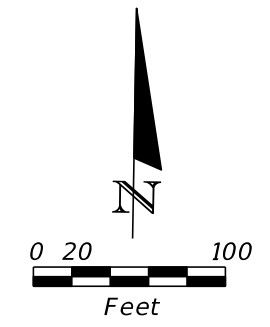
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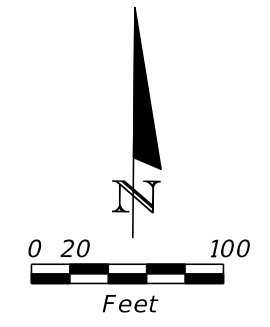
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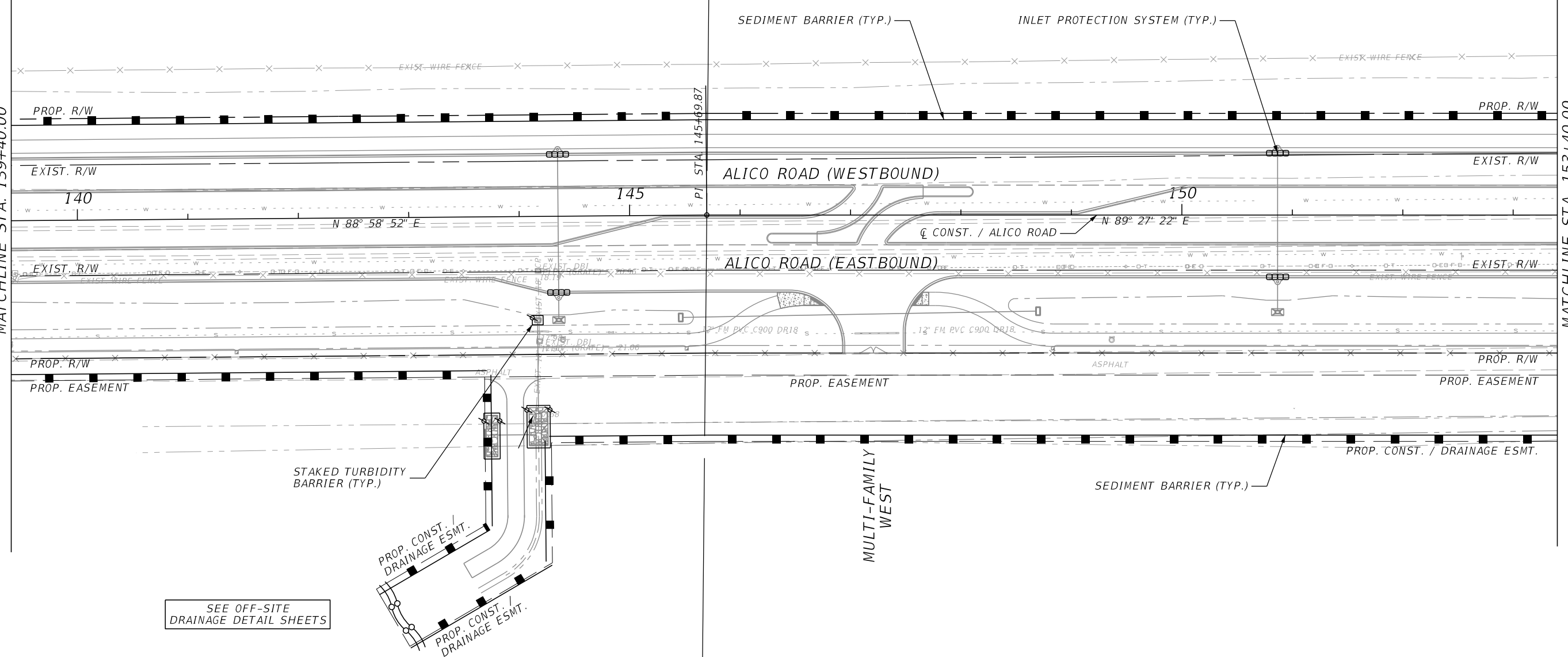
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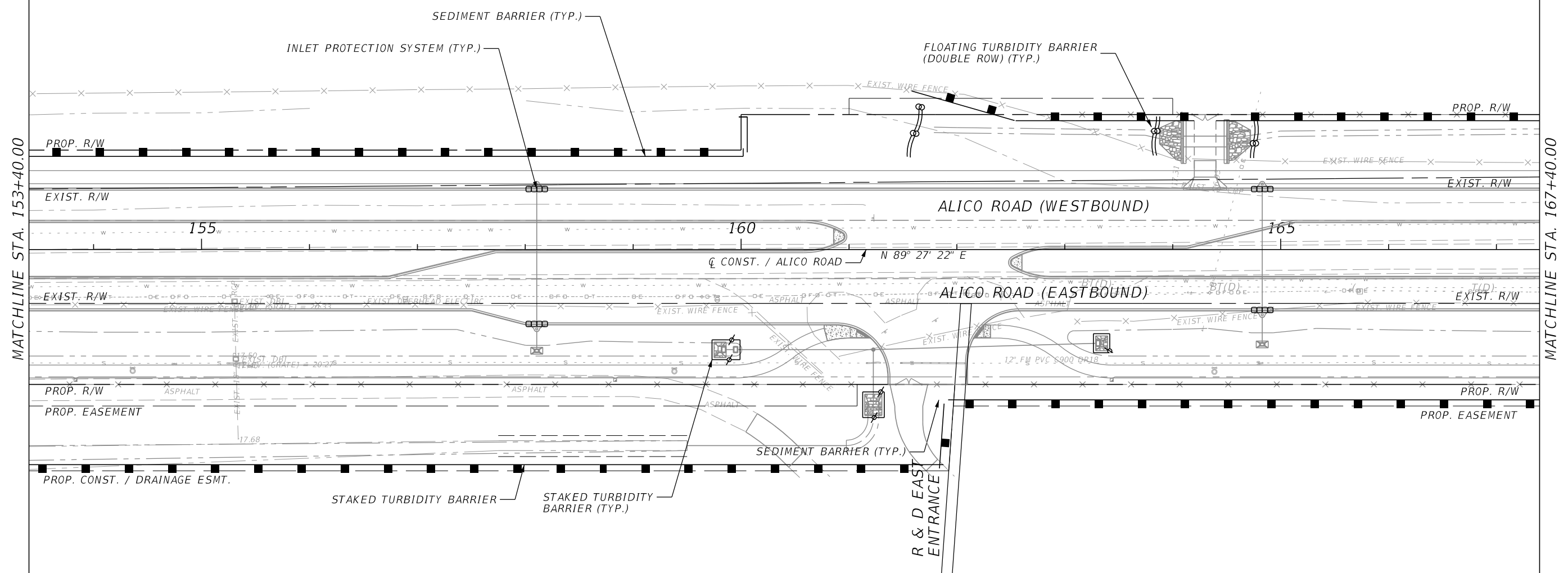
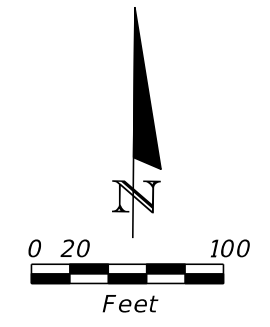
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MATCHLINE STA. 153+40.00

MATCHLINE STA. 167+40.00

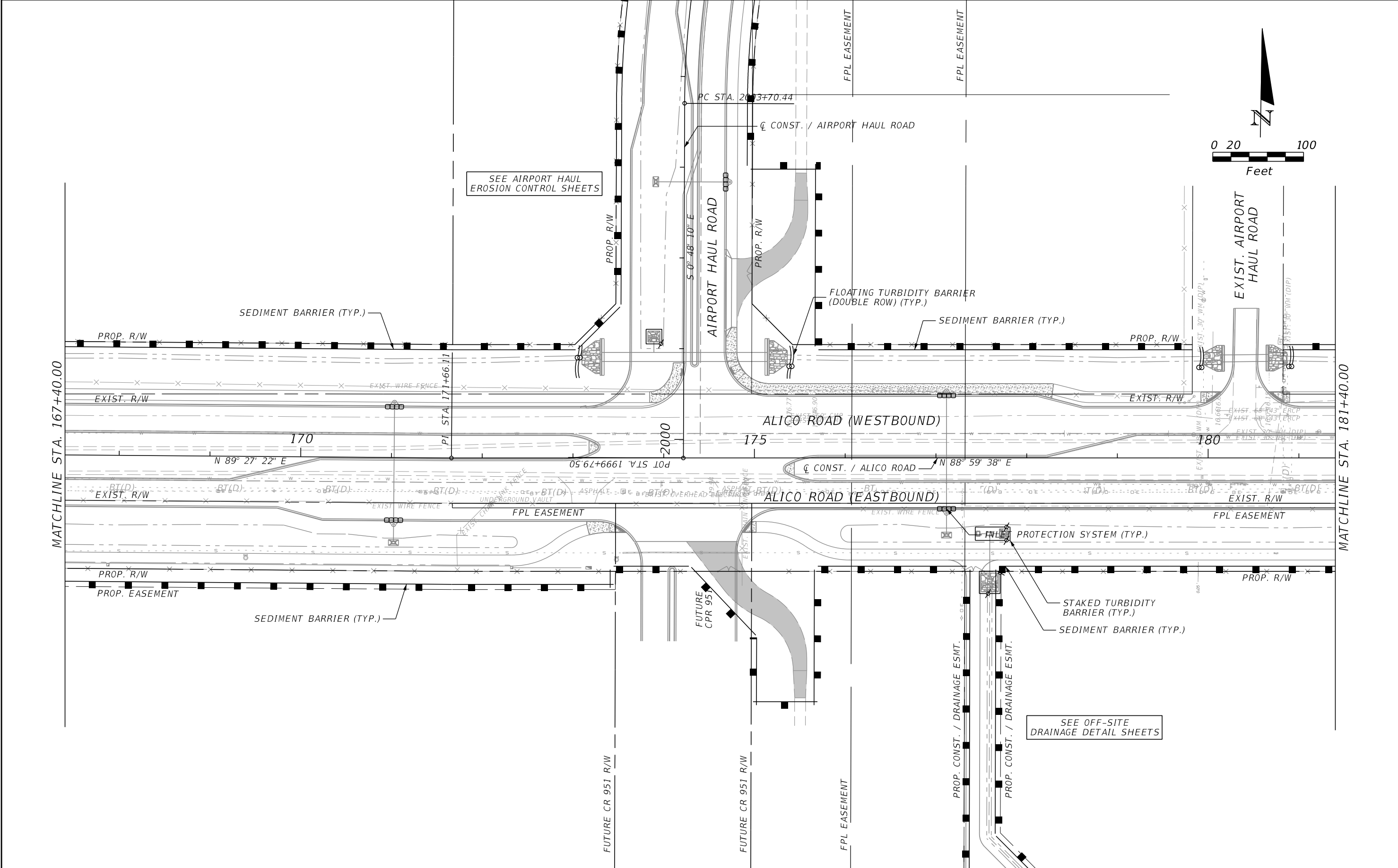
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SEE AIRPORT HAUL
EROSION CONTROL SHEETS

SEE OFF-SITE
DRAINAGE DETAIL SHEETS

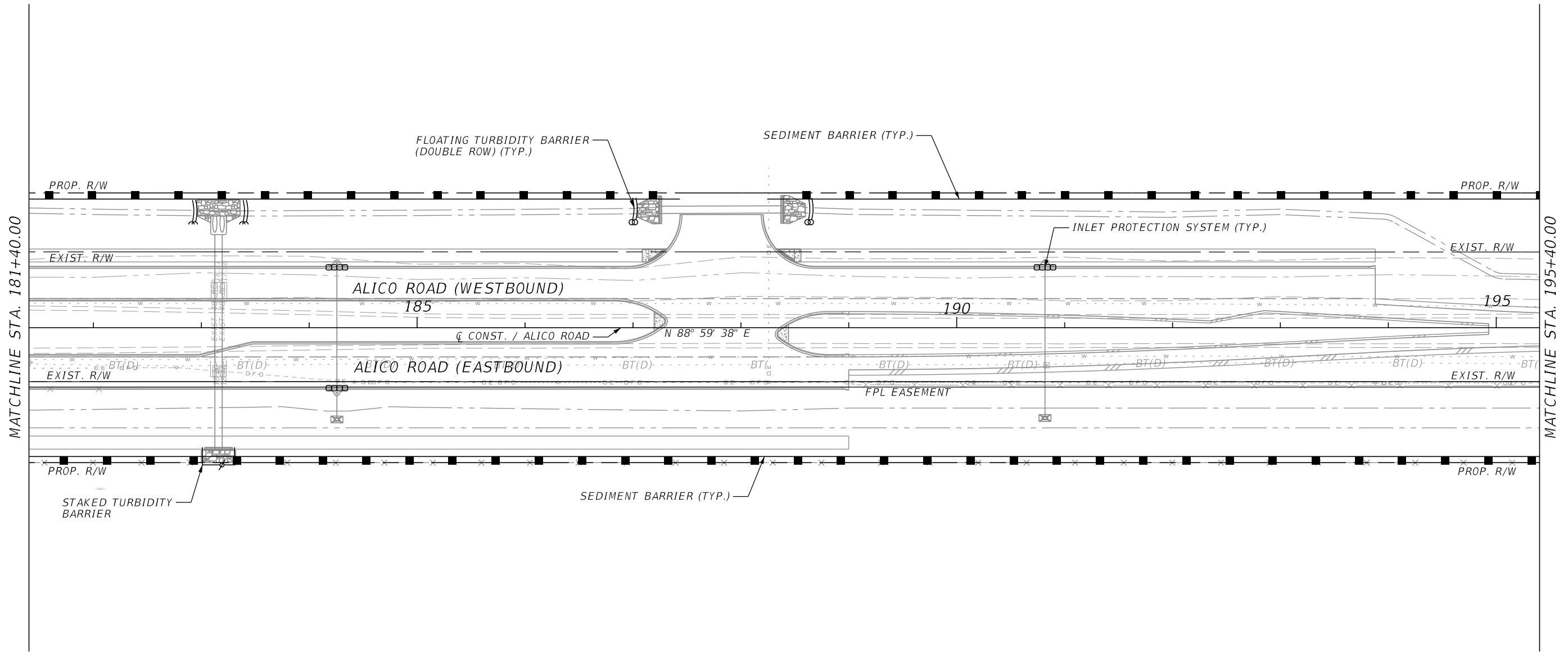
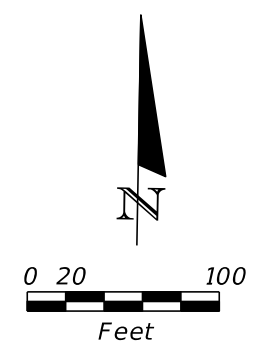
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SHEET NO.
192



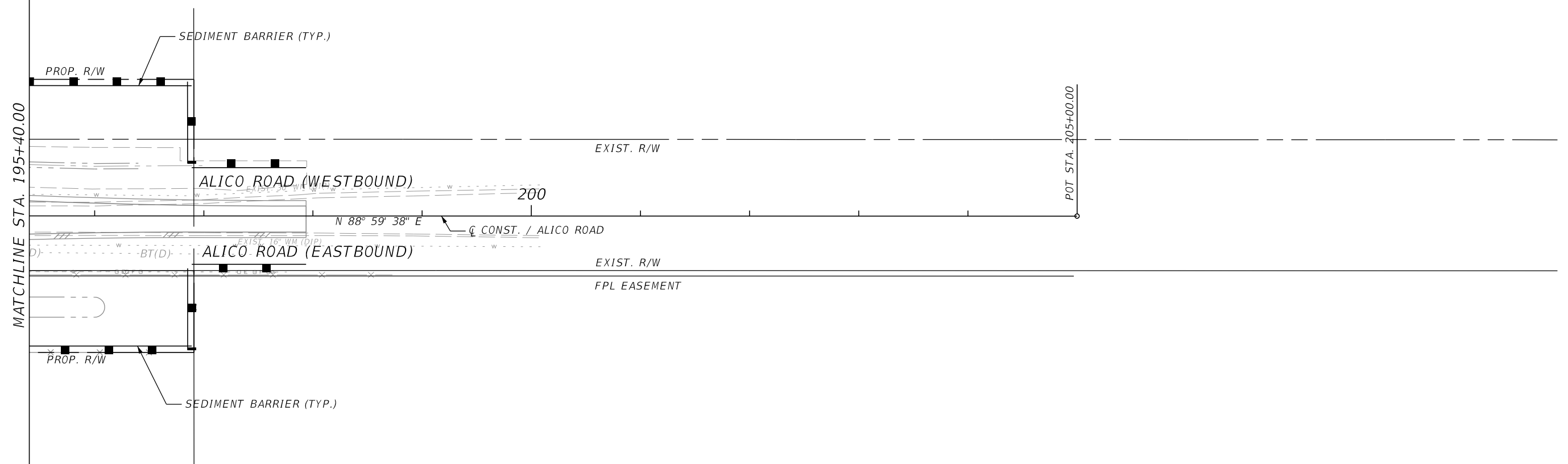
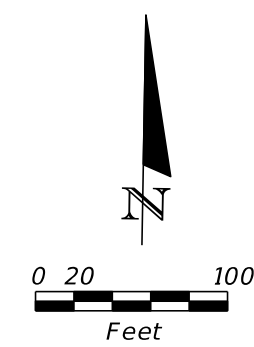
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

EROSION CONTROL
ALICO ROAD

SHEET NO.
 193



MATCHLINE STA. 195+40.00

POT. STA. 205+00.00

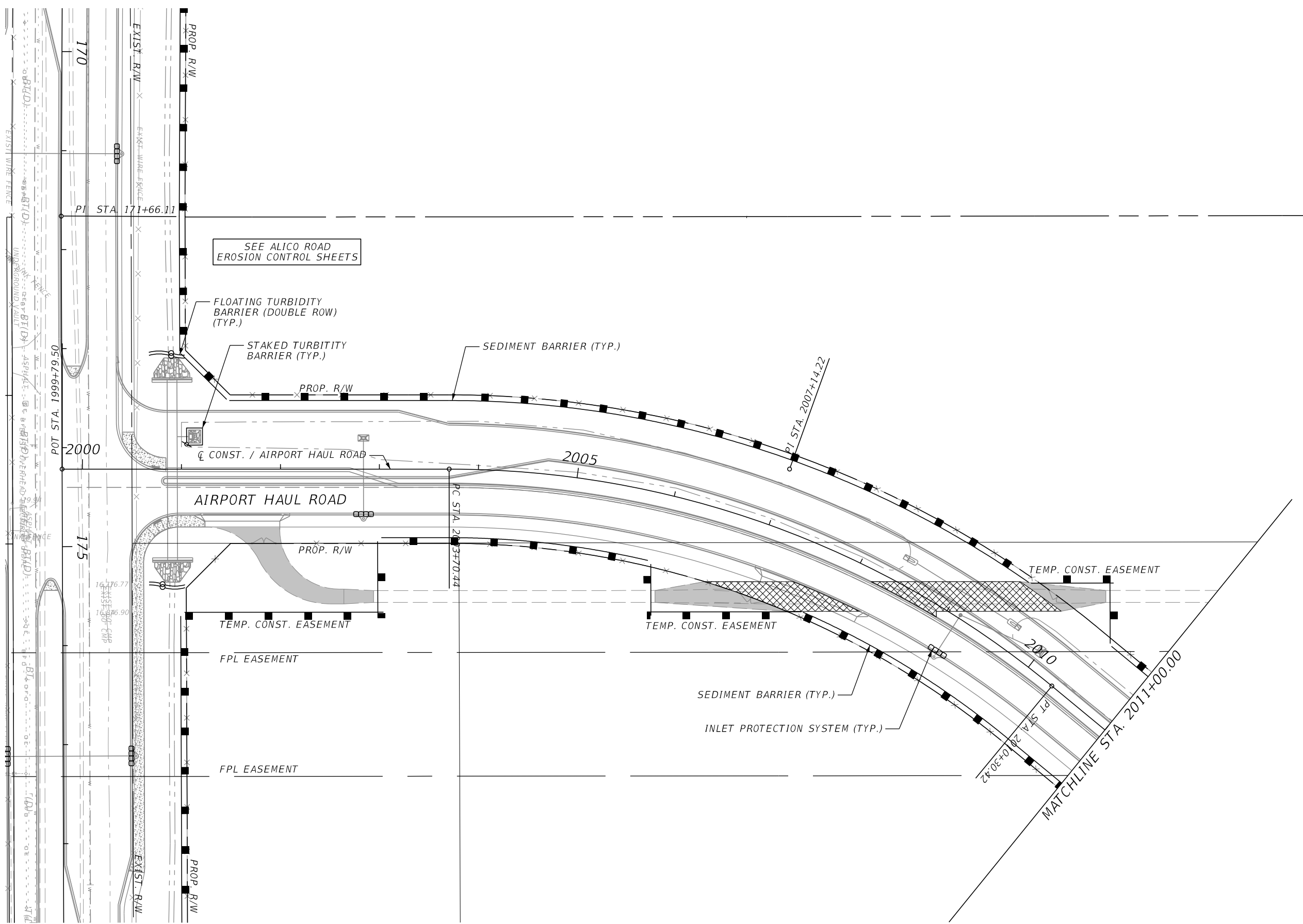
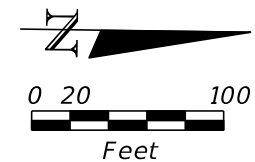
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON
ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

EROSION CONTROL
ALICO ROAD

SHEET NO.
 194



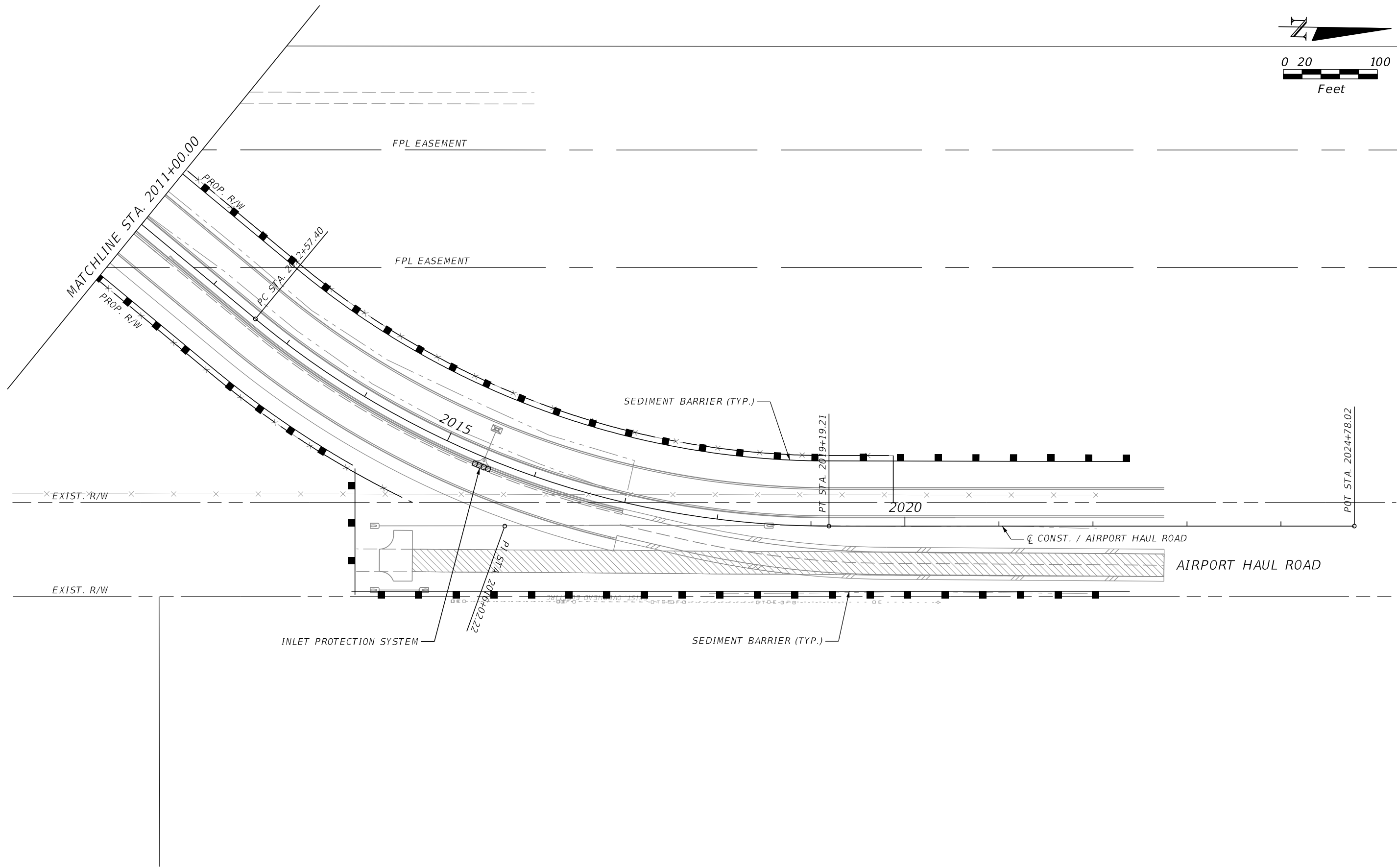
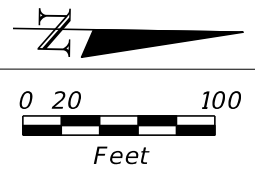
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON
ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

EROSION CONTROL
AIRPORT HAUL ROAD

SHEET
NO.
195



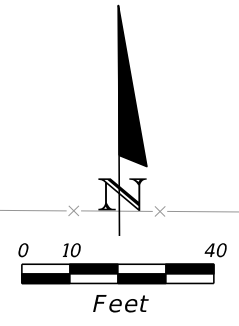
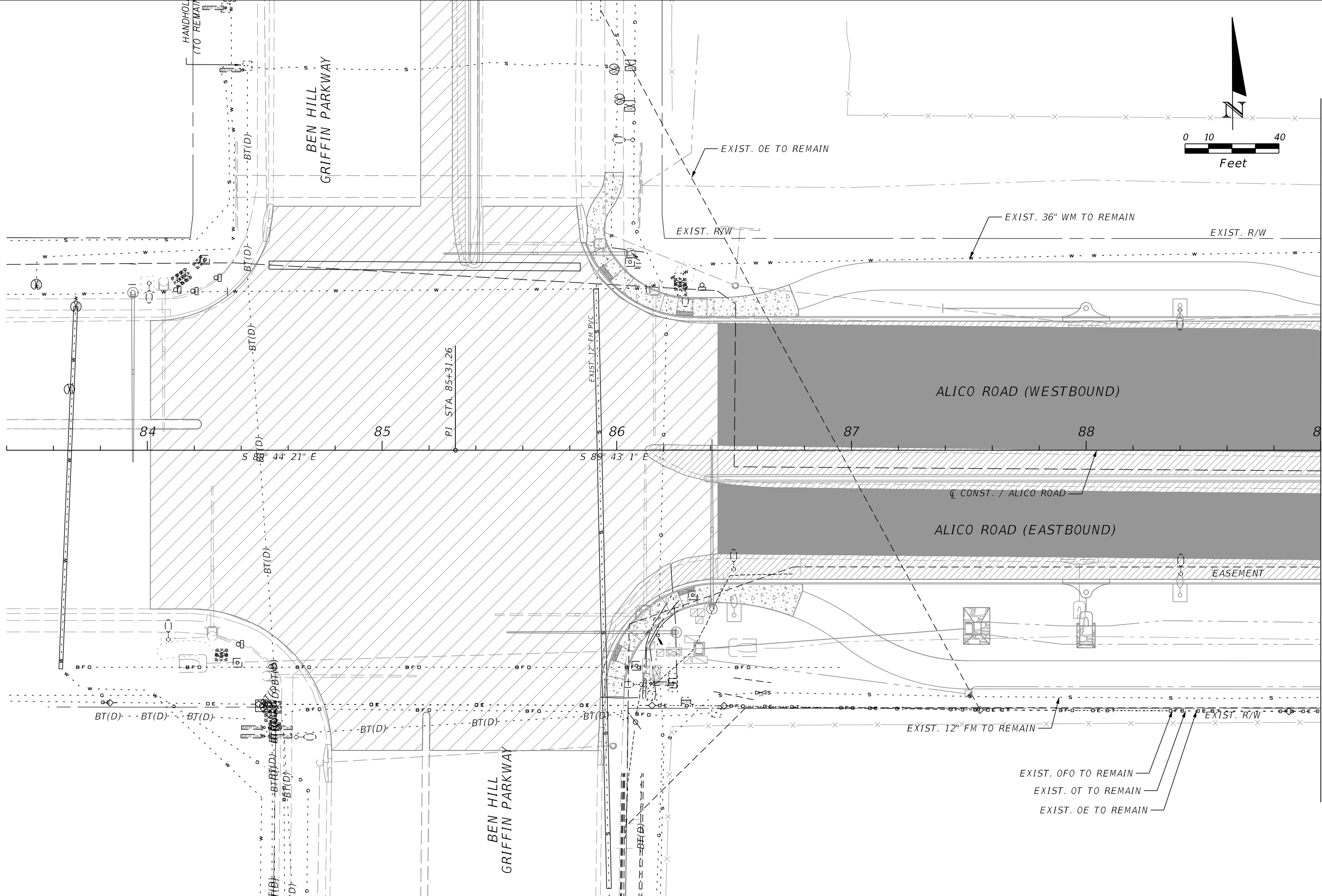
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

EROSION CONTROL
AIRPORT HAUL ROAD

SHEET NO.
 196



MATCHLINE STA. 89+00.00

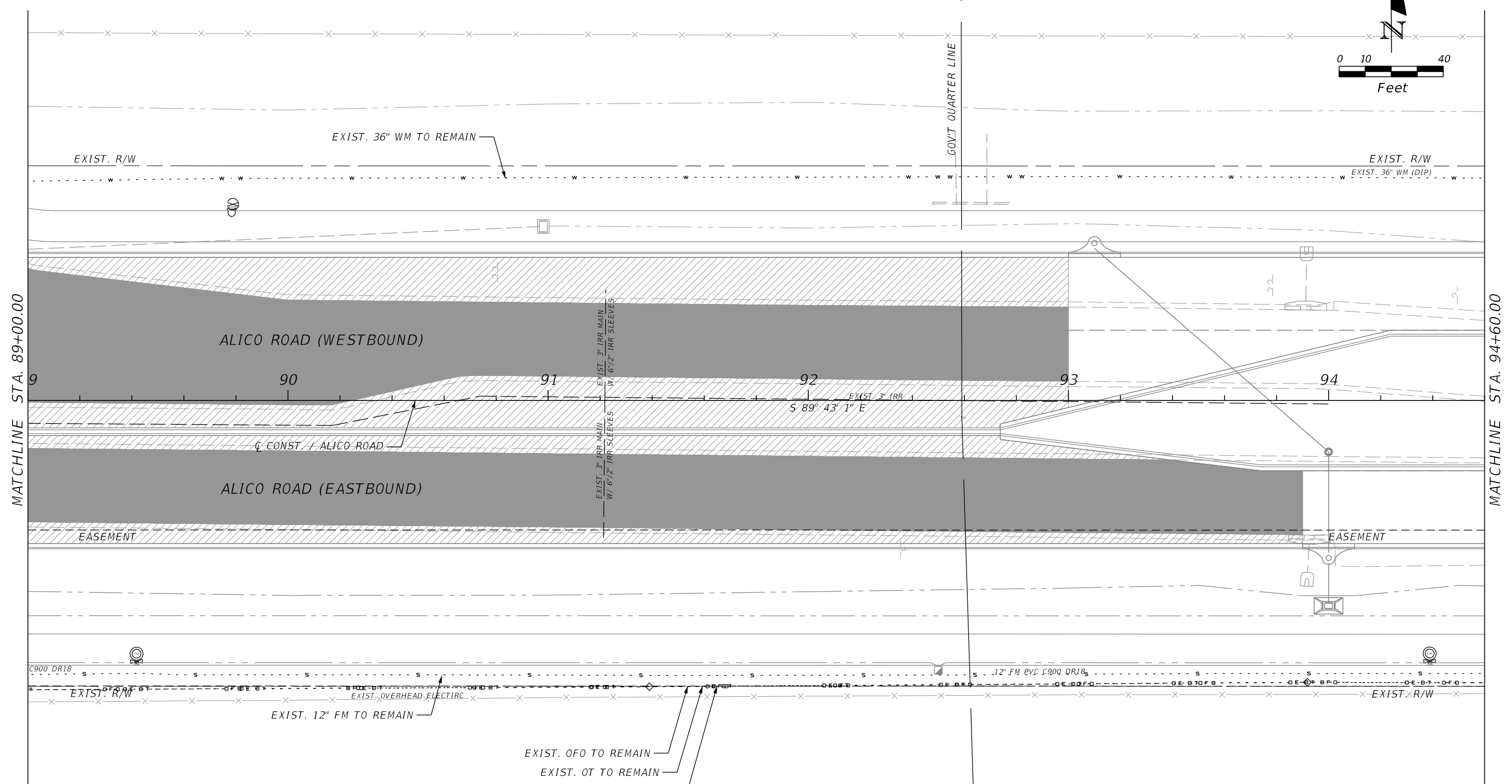
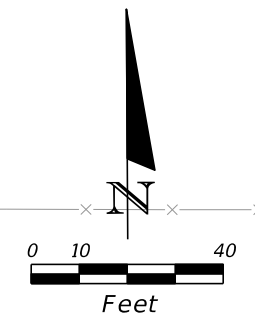
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

UTILITY ADJUSTMENTS
ALICO ROAD

SHEET NO.
U-1



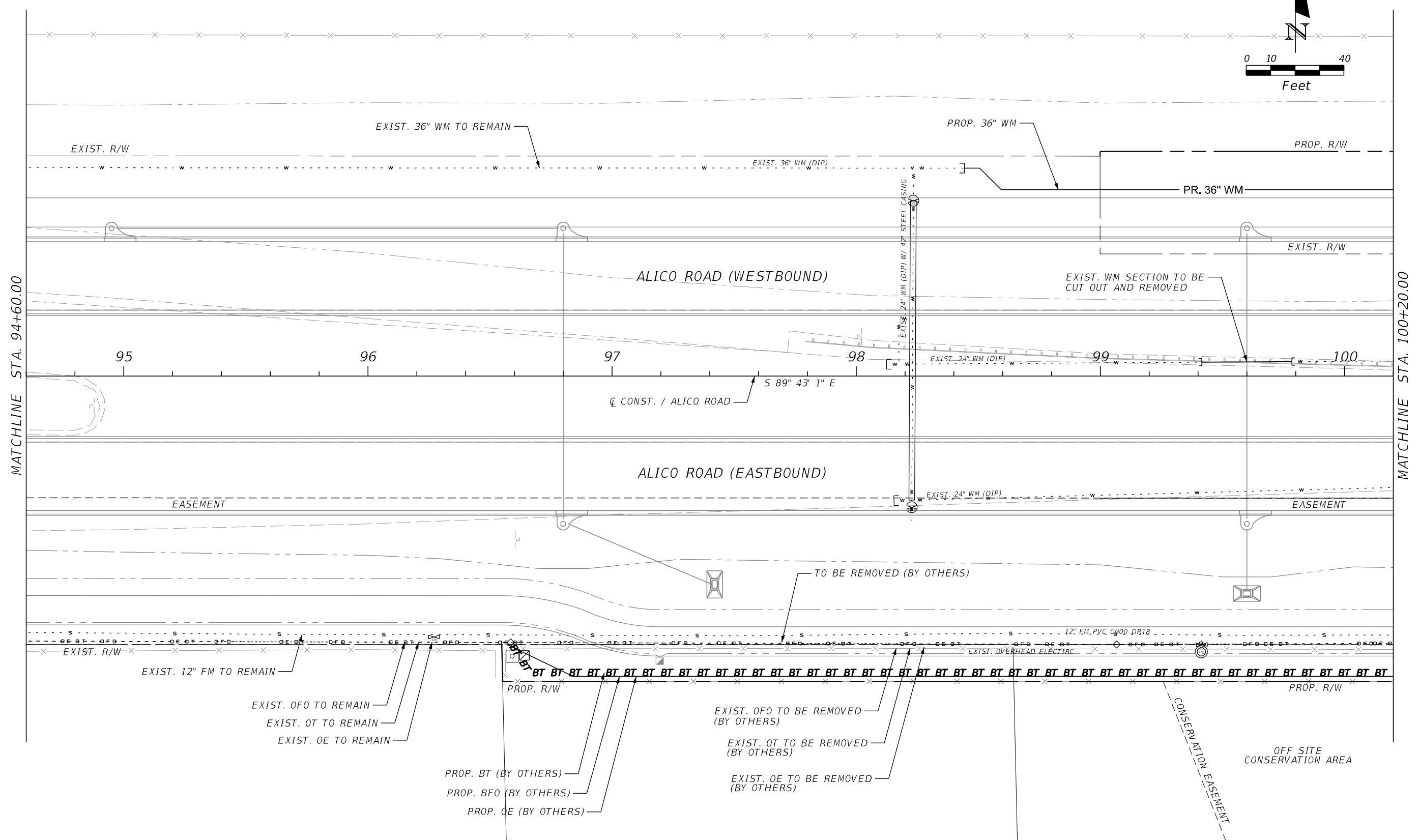
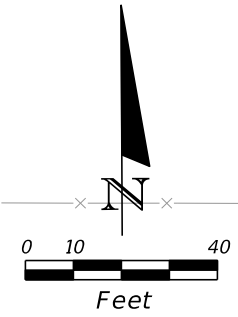
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

UTILITY ADJUSTMENTS
ALICO ROAD

SHEET NO.
U-2



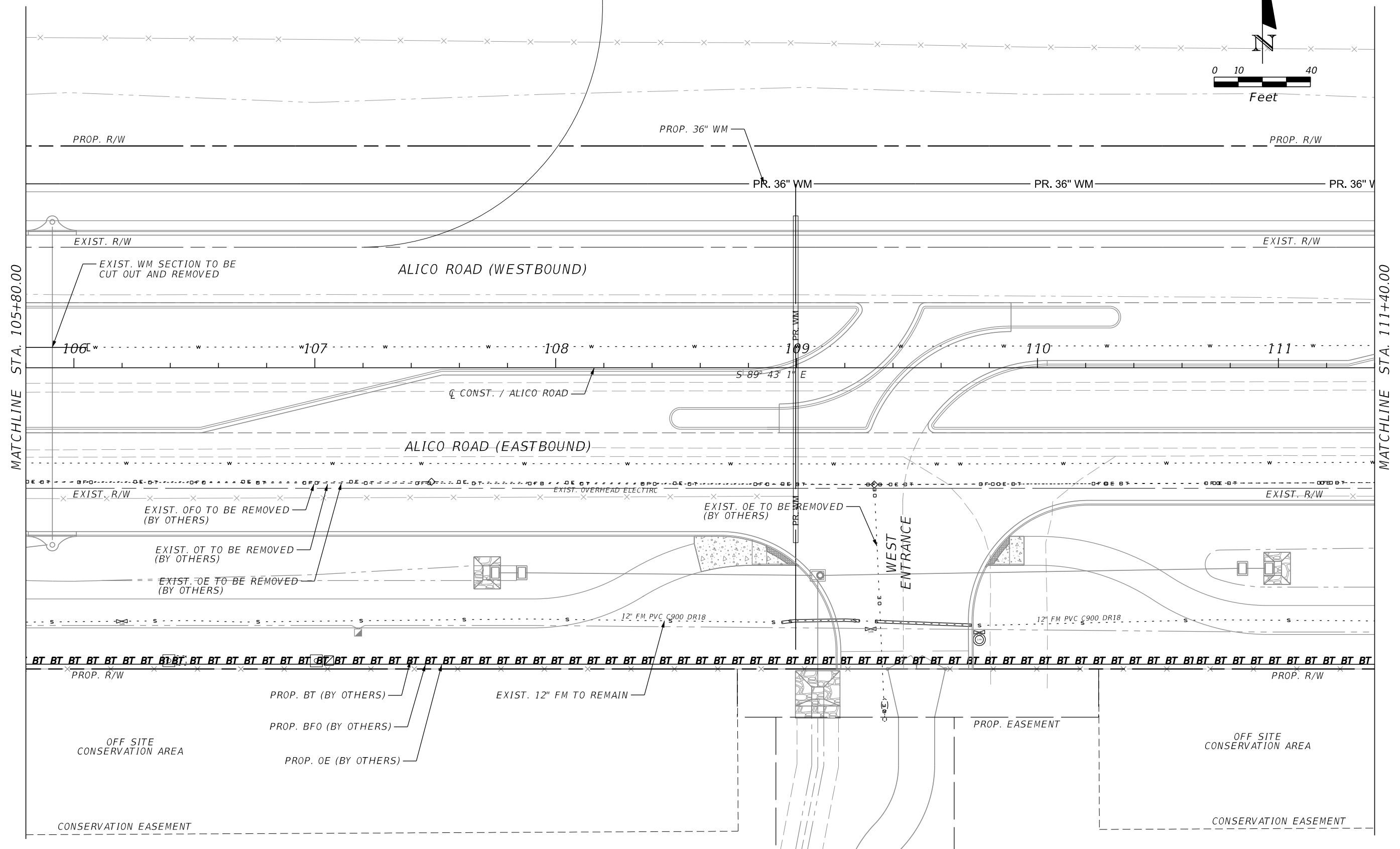
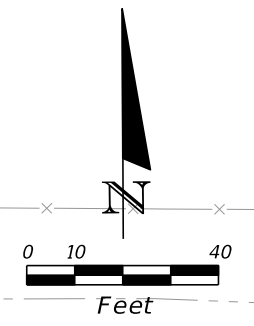
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

UTILITY ADJUSTMENTS
ALICO ROAD

SHEET NO.
U-3



MATCHLINE STA. 105+80.00

MATCHLINE STA. 111+40.00

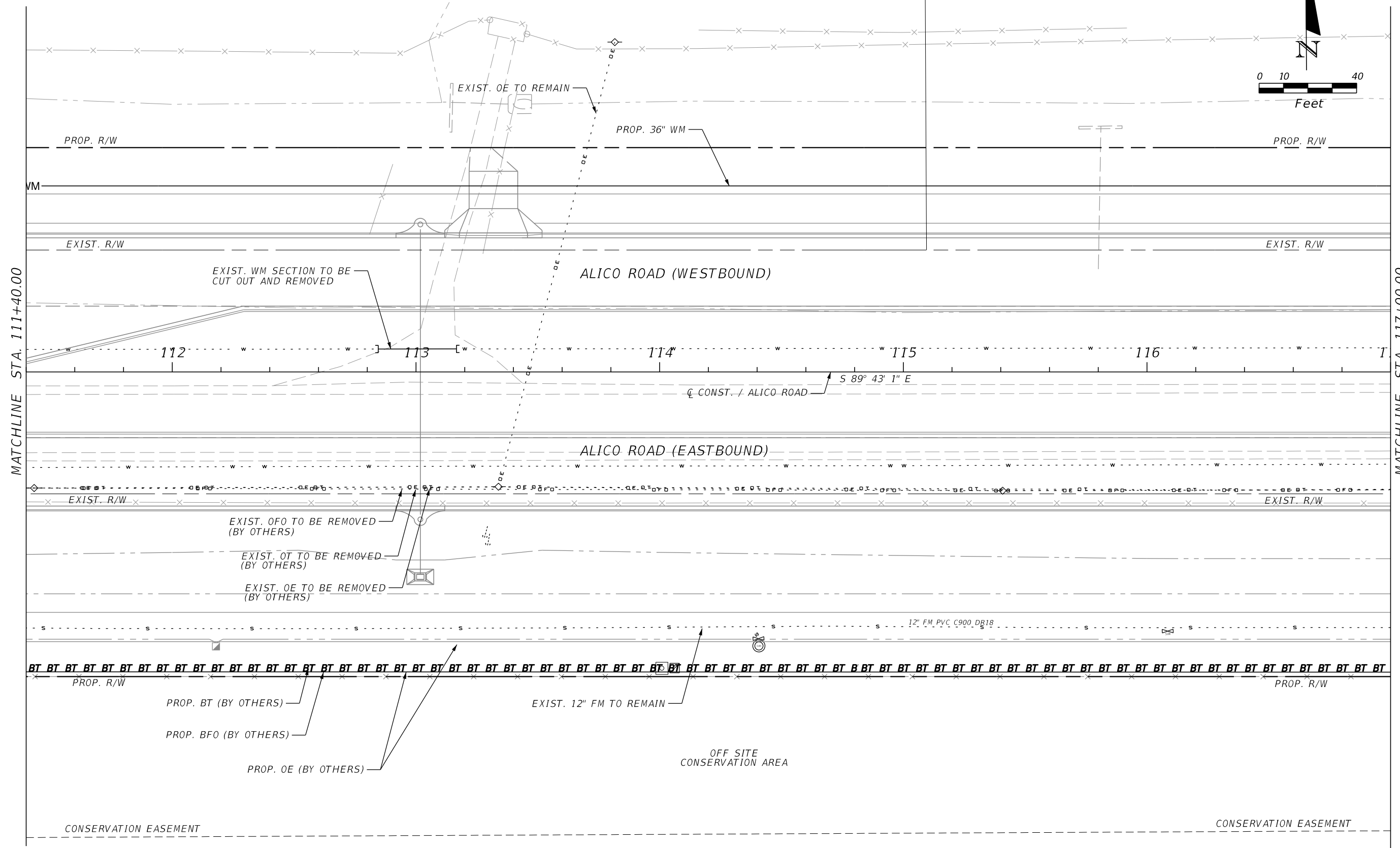
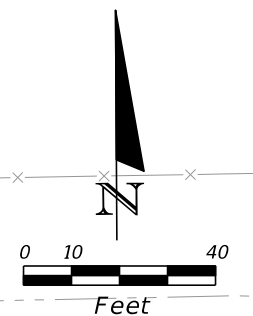
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

UTILITY ADJUSTMENTS
ALICO ROAD

SHEET NO.
U-5



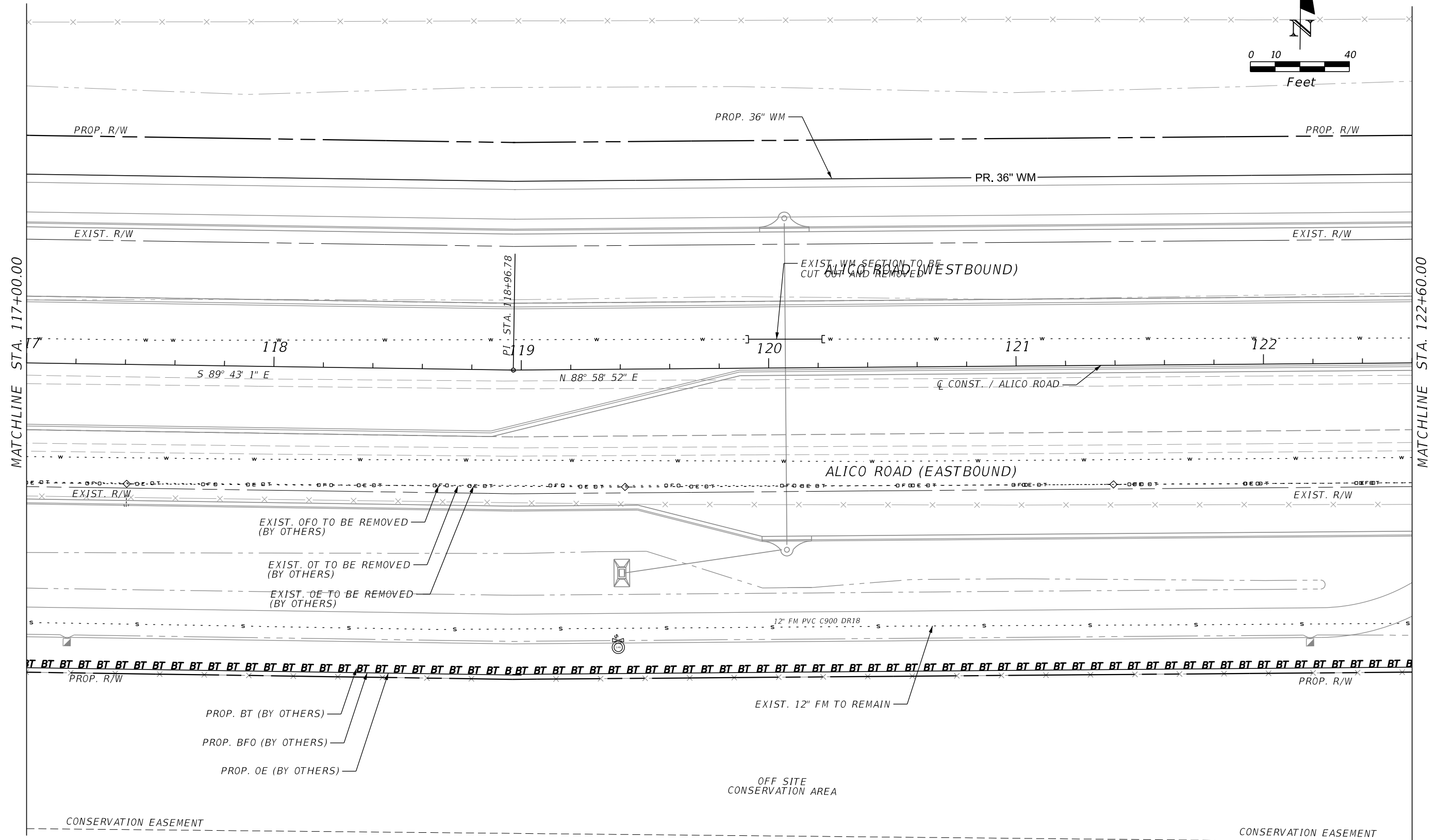
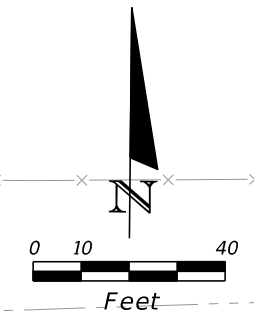
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

UTILITY ADJUSTMENTS
ALICO ROAD

SHEET NO.
U-6



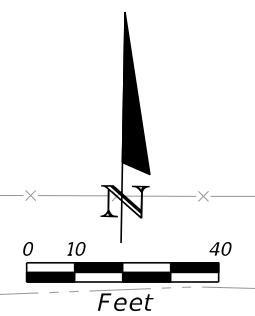
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

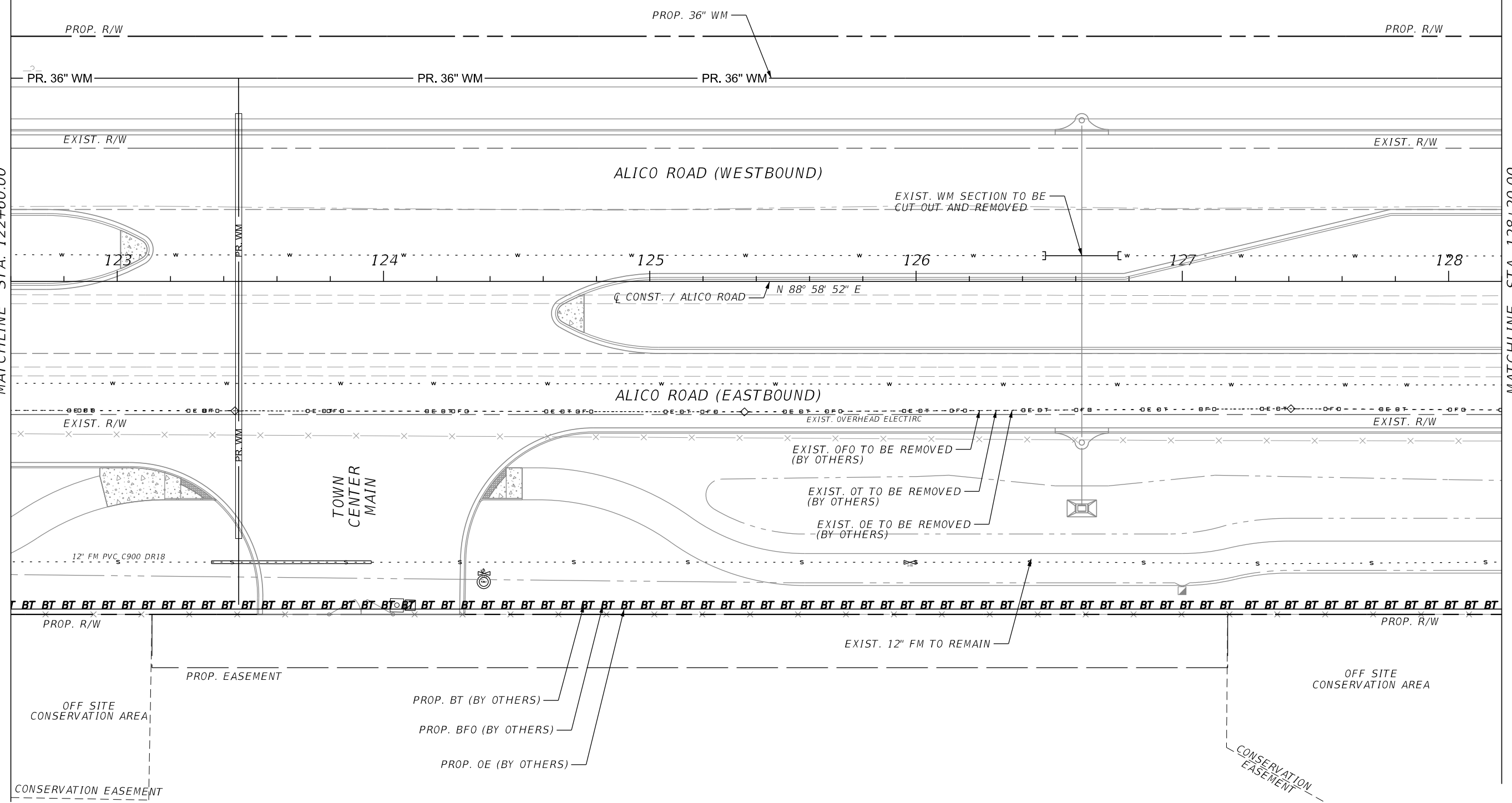
UTILITY ADJUSTMENTS
ALICO ROAD

SHEET NO.
U-7

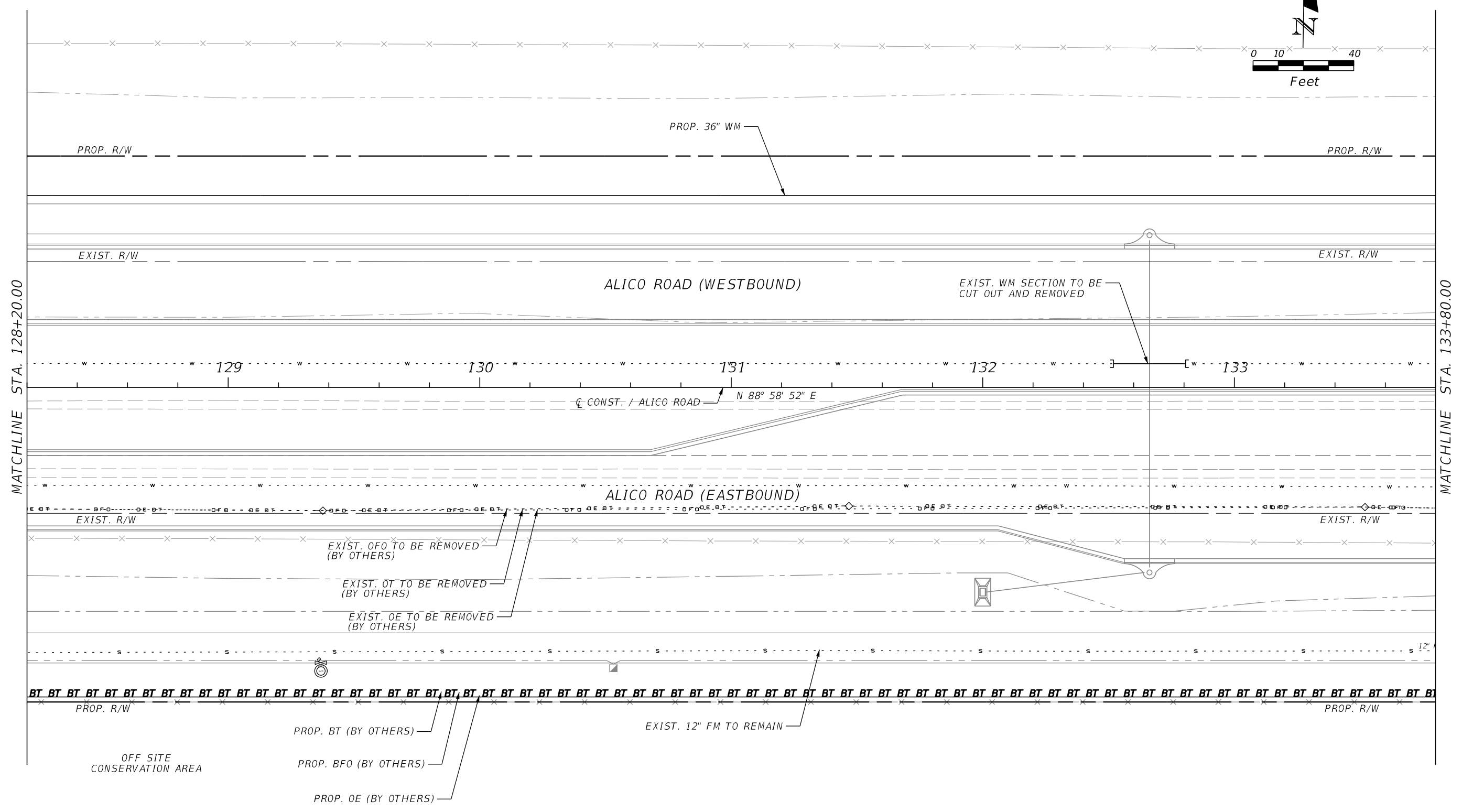
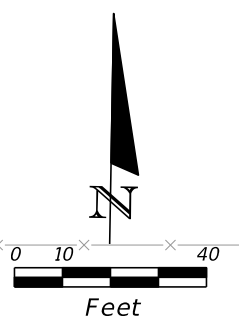


MATCHLINE STA. 122+60.00

MATCHLINE STA. 128+20.00



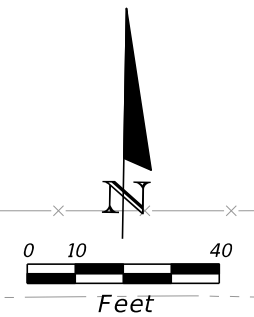
REVISIONS				JOHNSON ENGINEERING <small>2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010</small>	LEE COUNTY DEPARTMENT OF TRANSPORTATION		UTILITY ADJUSTMENTS ALICO ROAD	SHEET NO. U-8
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY		
					LEE			



MATCHLINE STA. 128+20.00

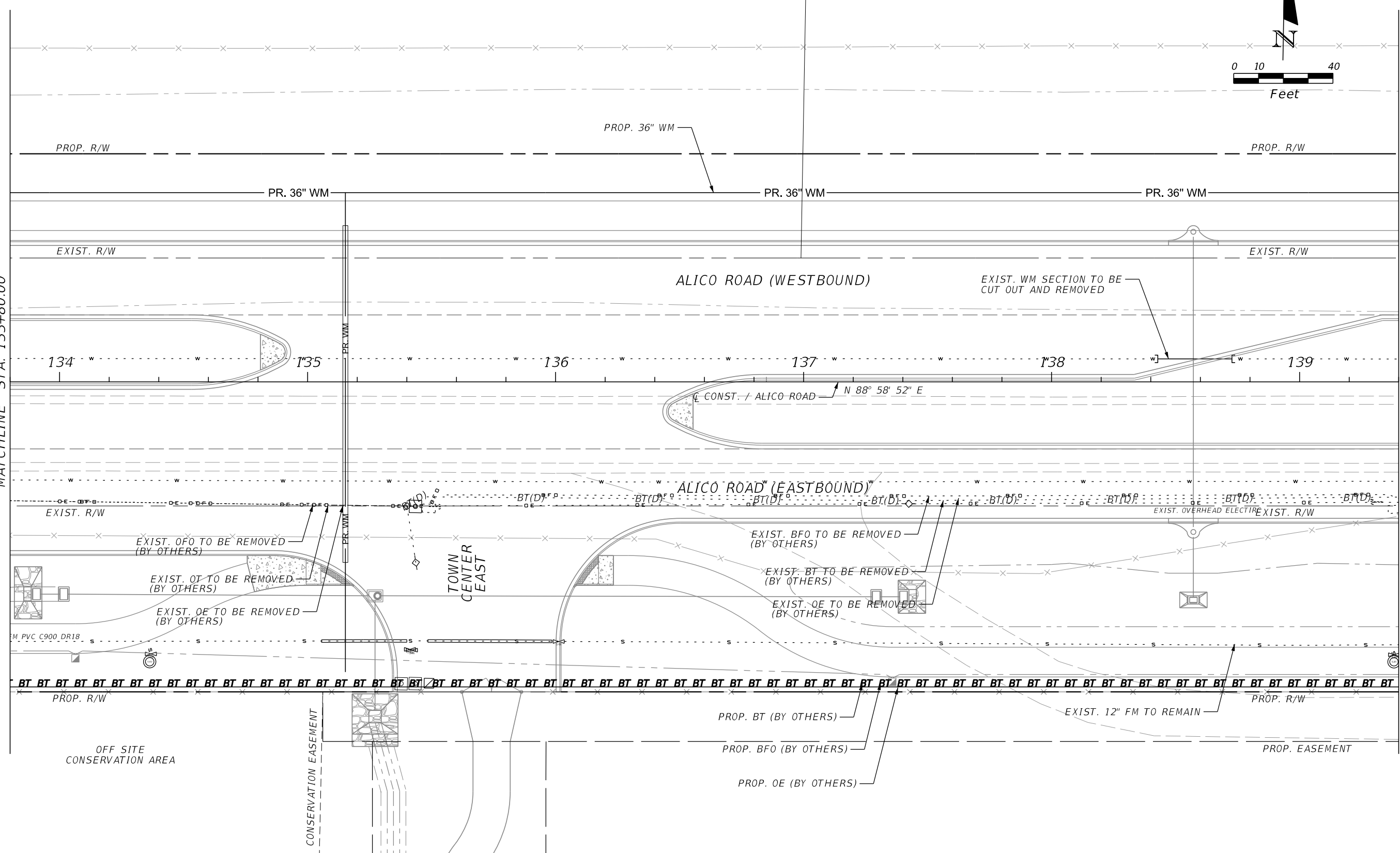
MATCHLINE STA. 133+80.00

REVISIONS				JOHNSON ENGINEERING <small>2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010</small>	LEE COUNTY DEPARTMENT OF TRANSPORTATION		UTILITY ADJUSTMENTS ALICO ROAD	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY		FINANCIAL PROJECT ID
					LEE			



MATCHLINE STA. 133+80.00

MATCHLINE STA. 139+40.00



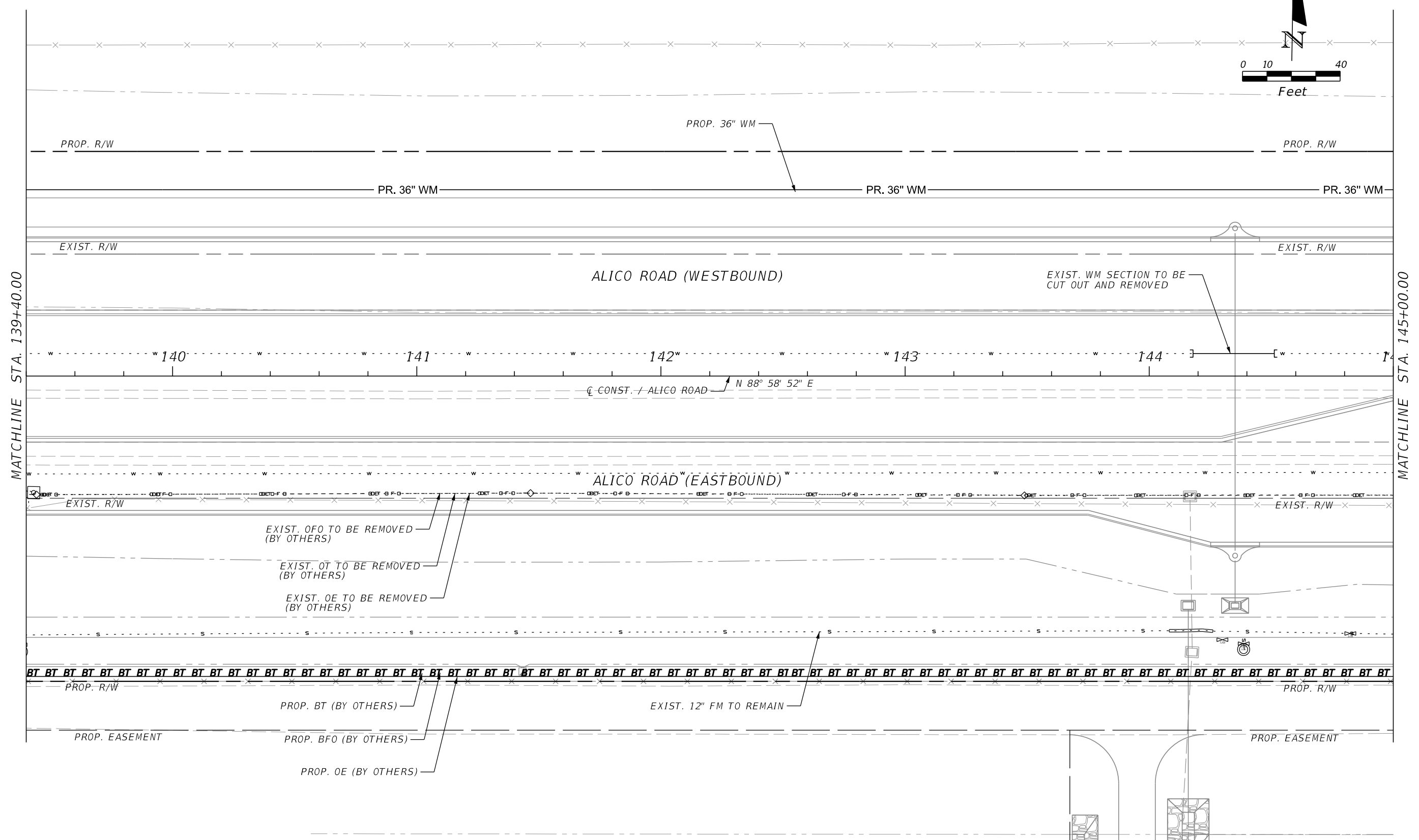
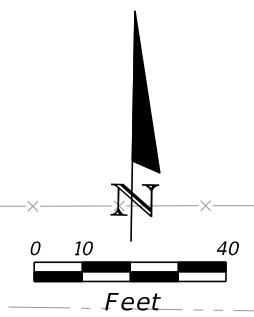
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

UTILITY ADJUSTMENTS
ALICO ROAD

SHEET NO.
U-10



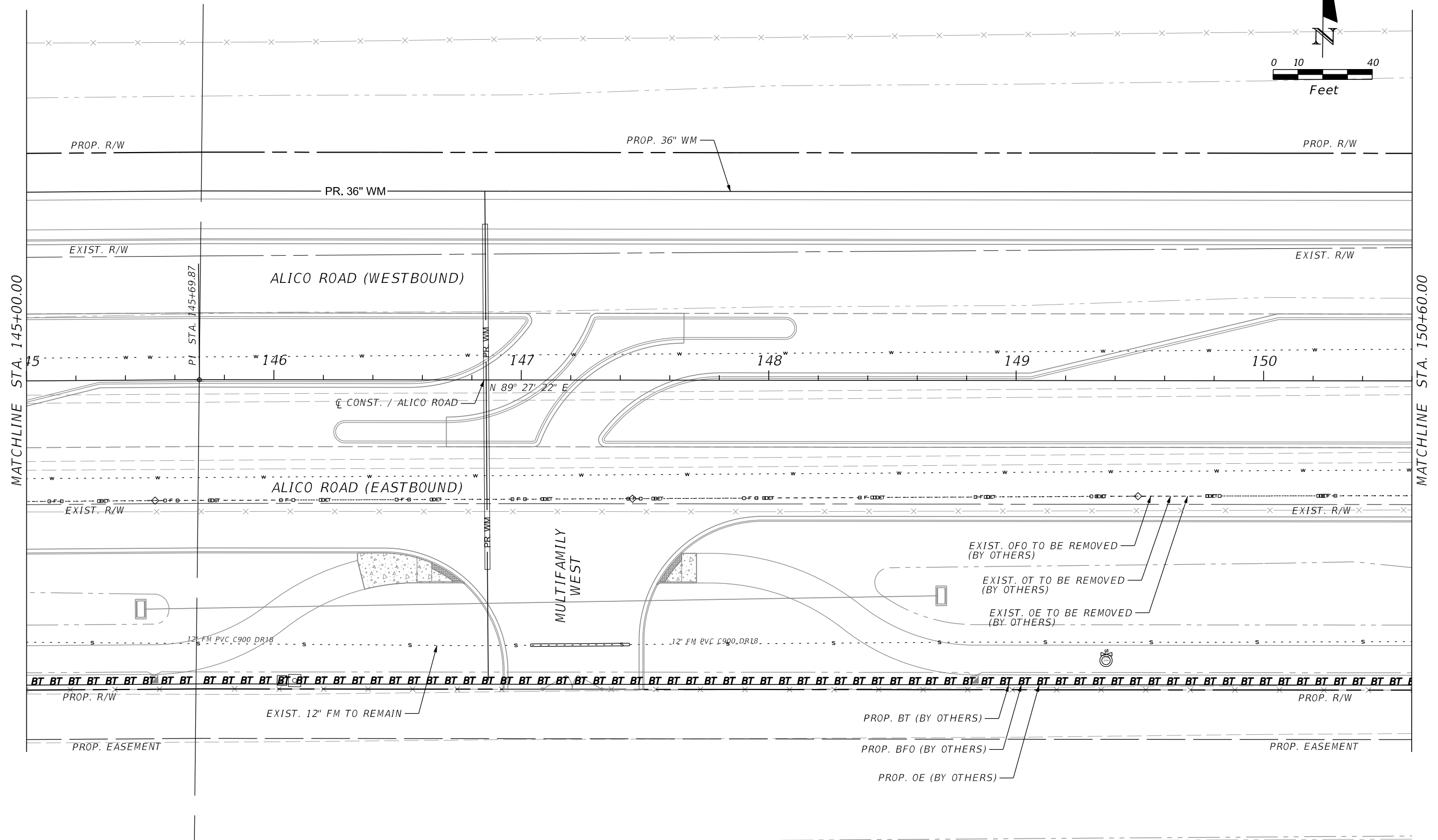
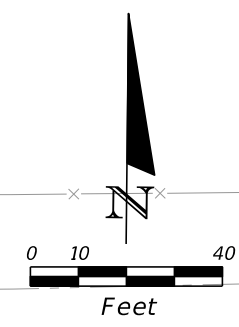
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

UTILITY ADJUSTMENTS
ALICO ROAD

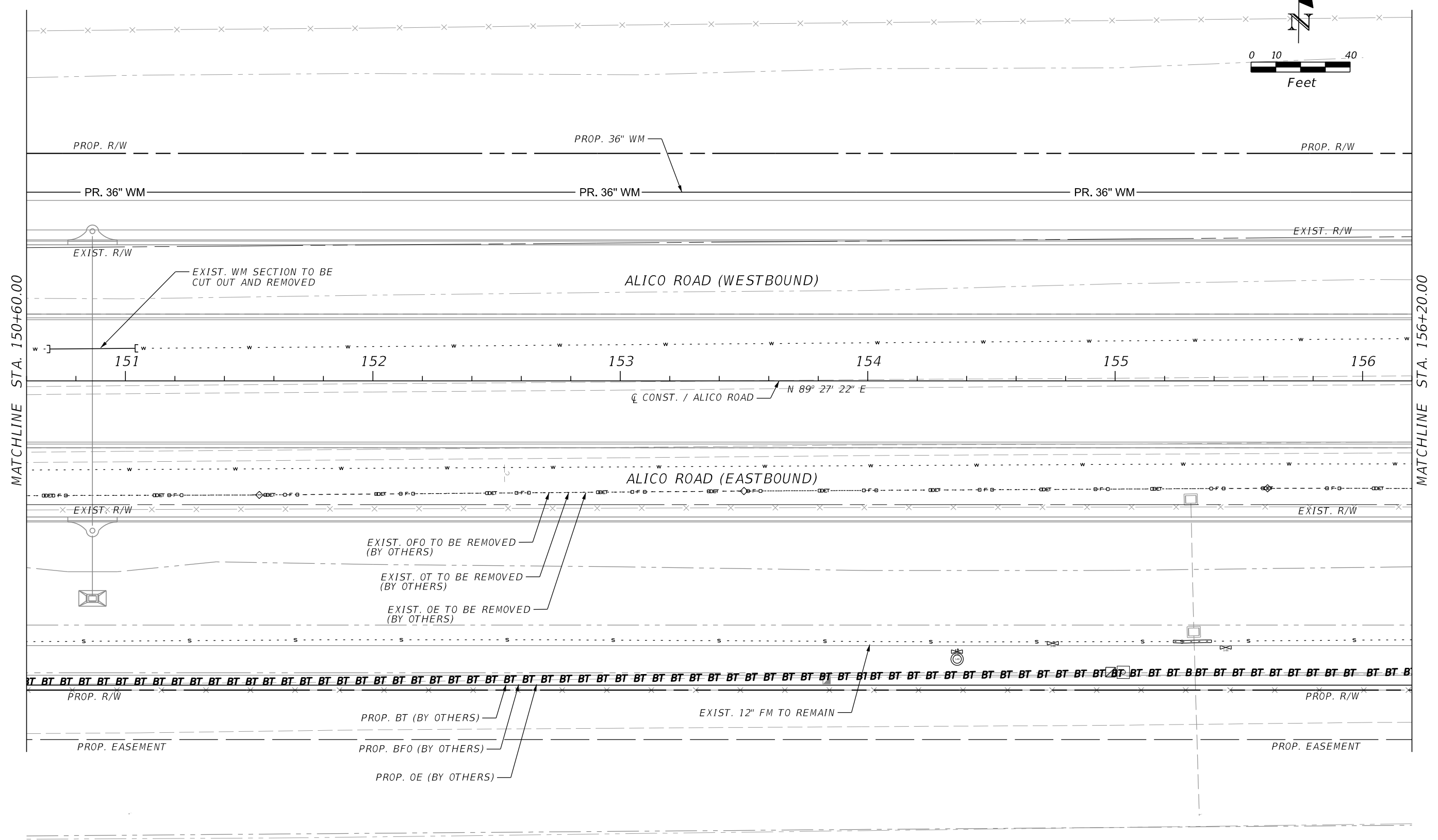
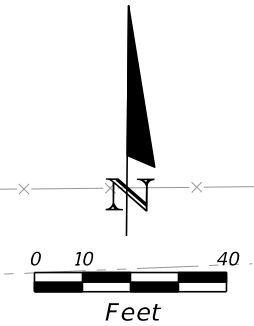
SHEET NO.
U-11



MATCHLINE STA. 145+00.00

MATCHLINE STA. 150+60.00

REVISIONS				 JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY DEPARTMENT OF TRANSPORTATION		UTILITY ADJUSTMENTS ALICO ROAD	SHEET NO.
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	FINANCIAL PROJECT ID		U-12

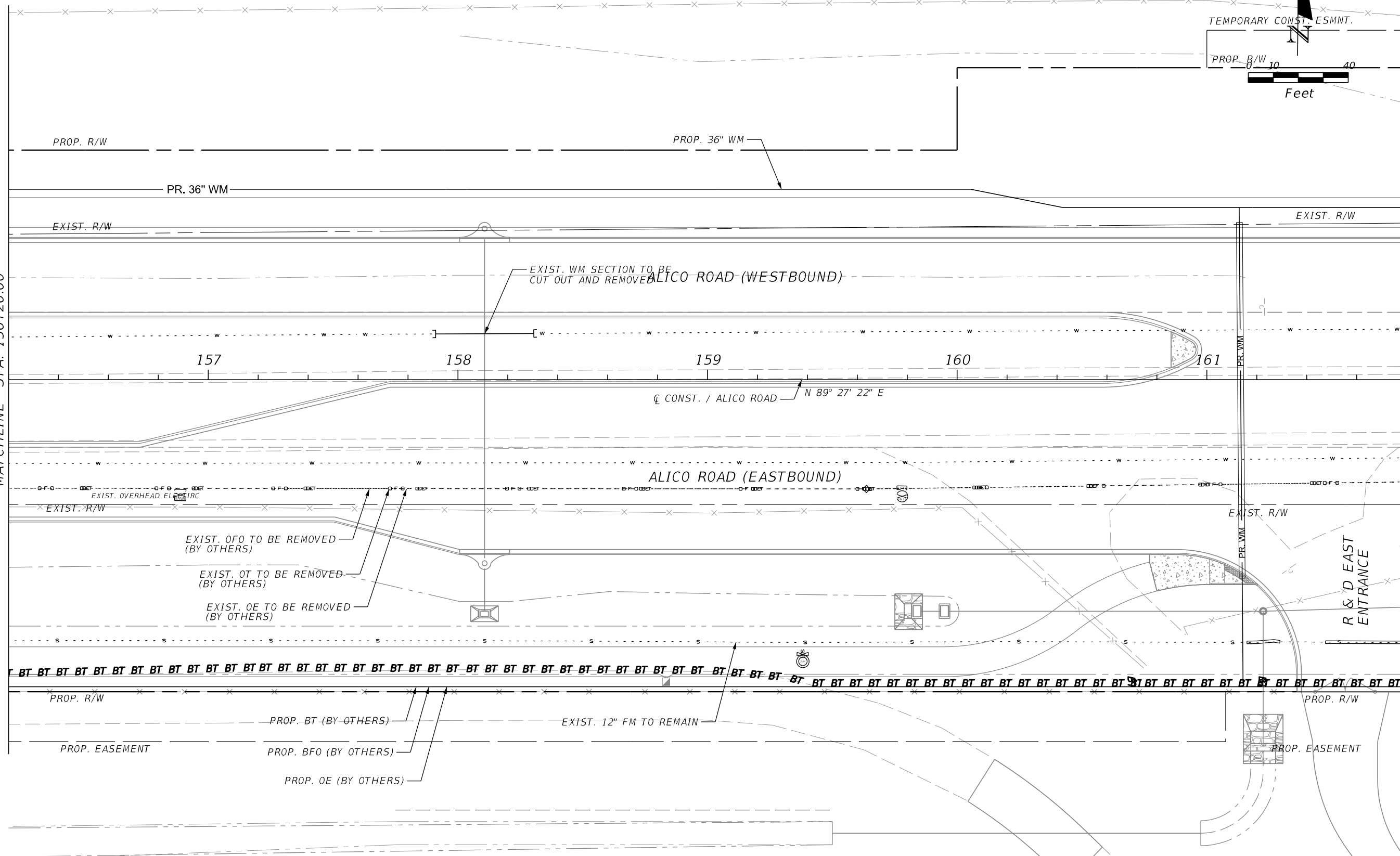
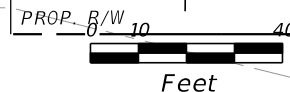


REVISIONS				 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENTS ALICO ROAD	SHEET NO. U-13
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					LEE				

MATCHLINE STA. 156+20.00

MATCHLINE STA. 161+80.00

TEMPORARY CONST. ESMNT.



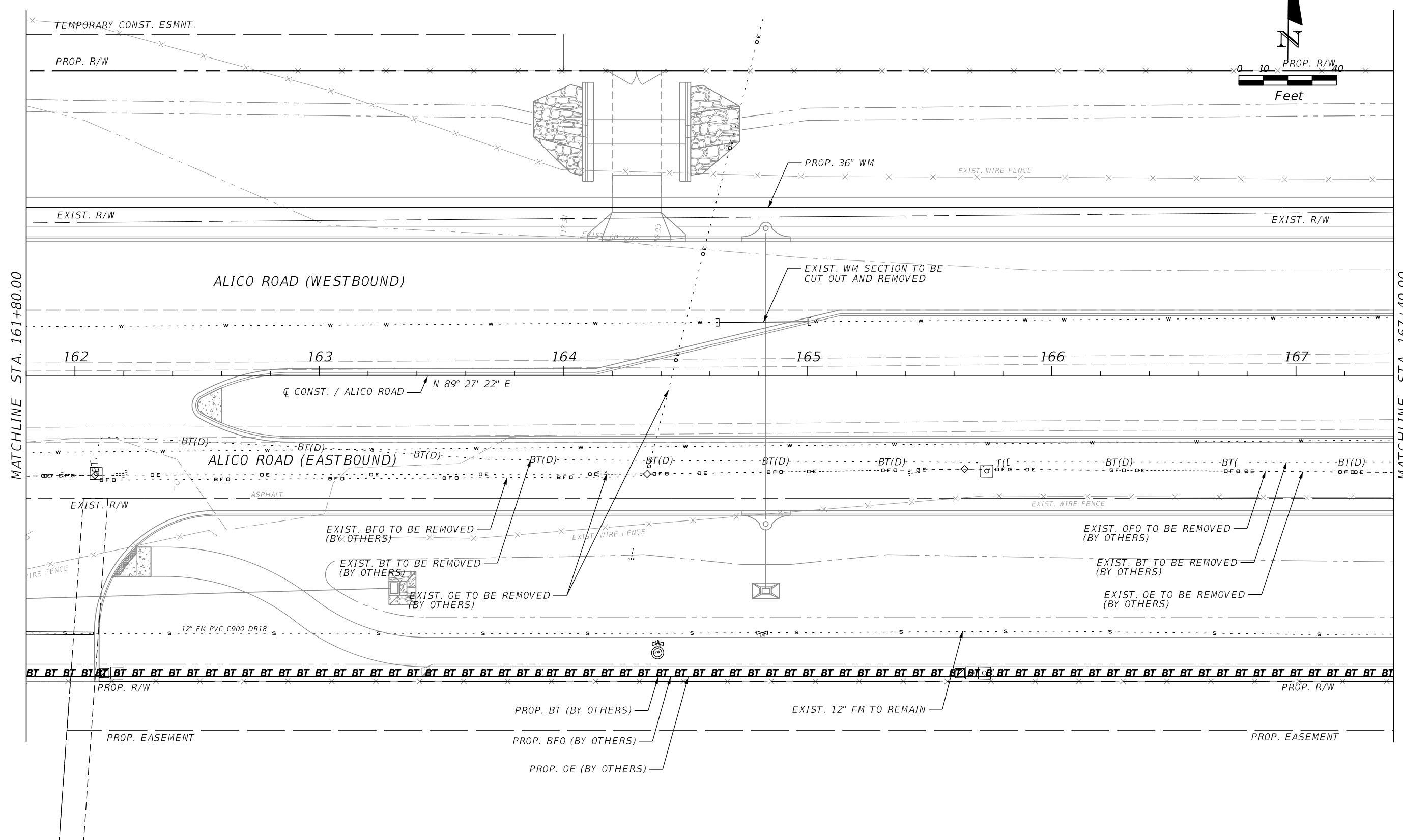
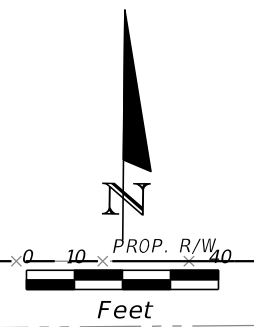
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

UTILITY ADJUSTMENTS
ALICO ROAD

SHEET NO.
U-14



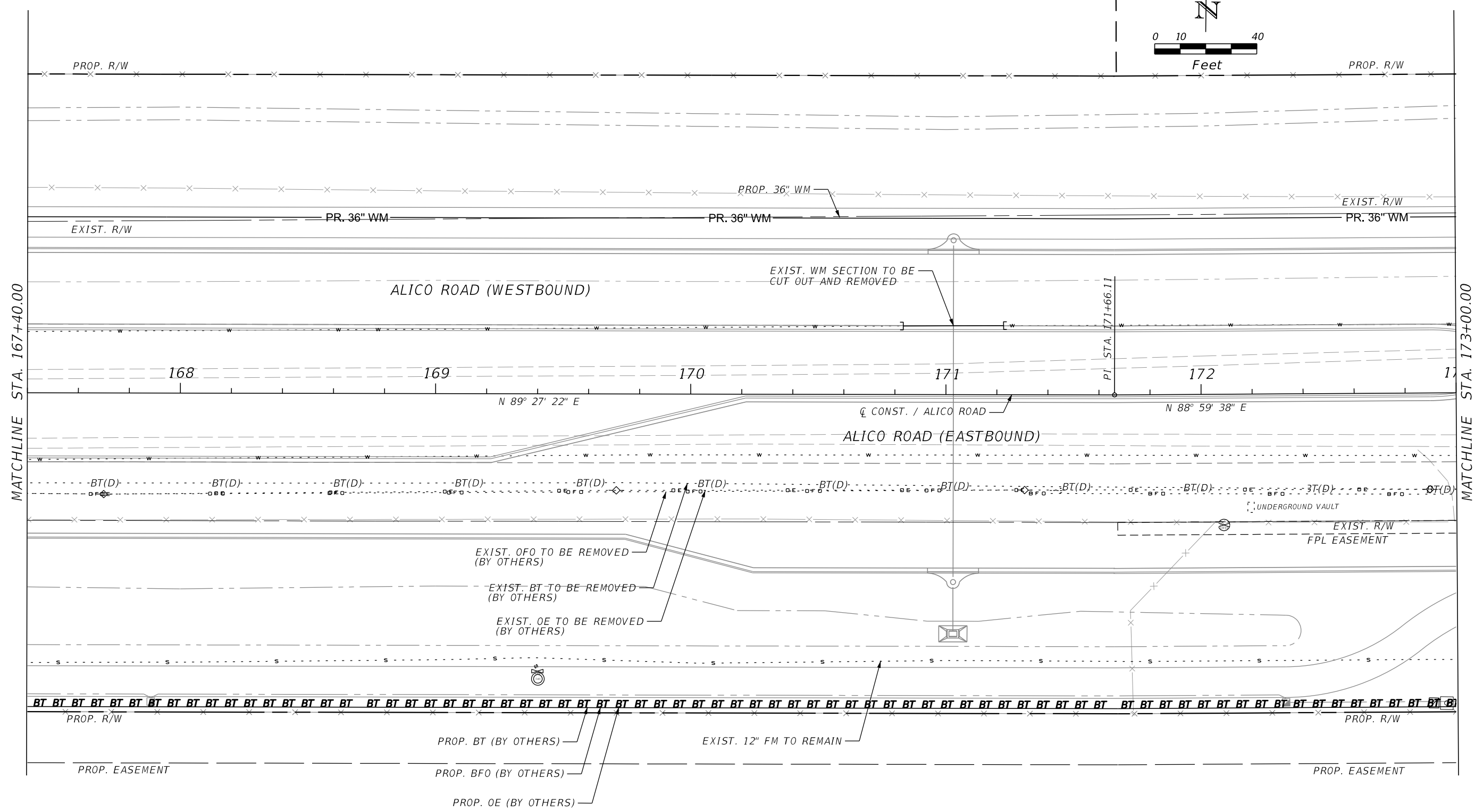
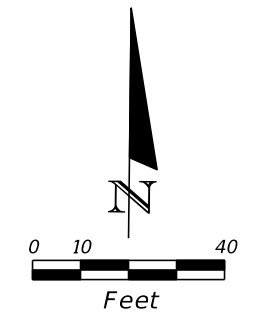
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

UTILITY ADJUSTMENTS
ALICO ROAD

SHEET NO.
U-15



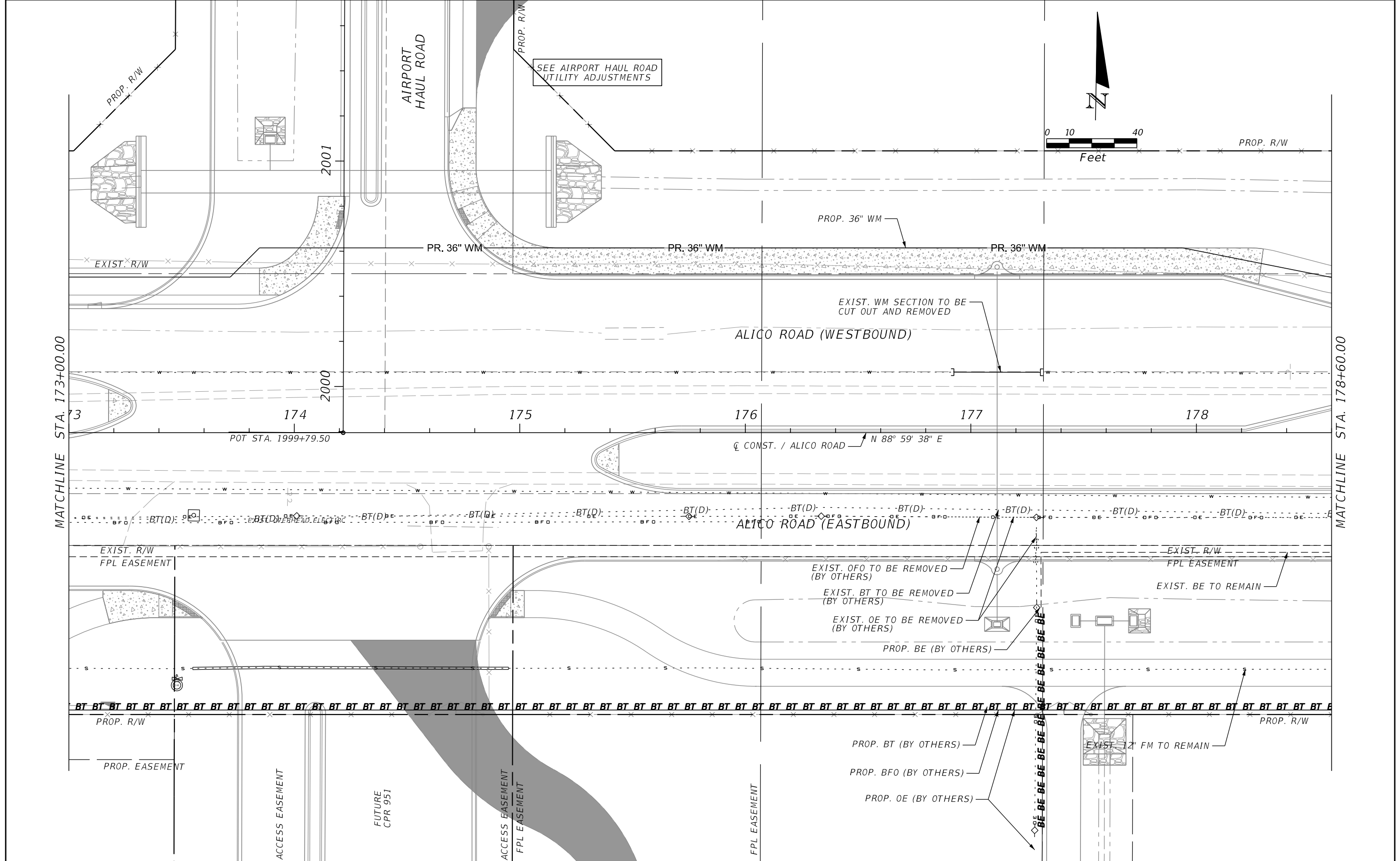
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

UTILITY ADJUSTMENTS
ALICO ROAD

SHEET NO.
U-16



REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

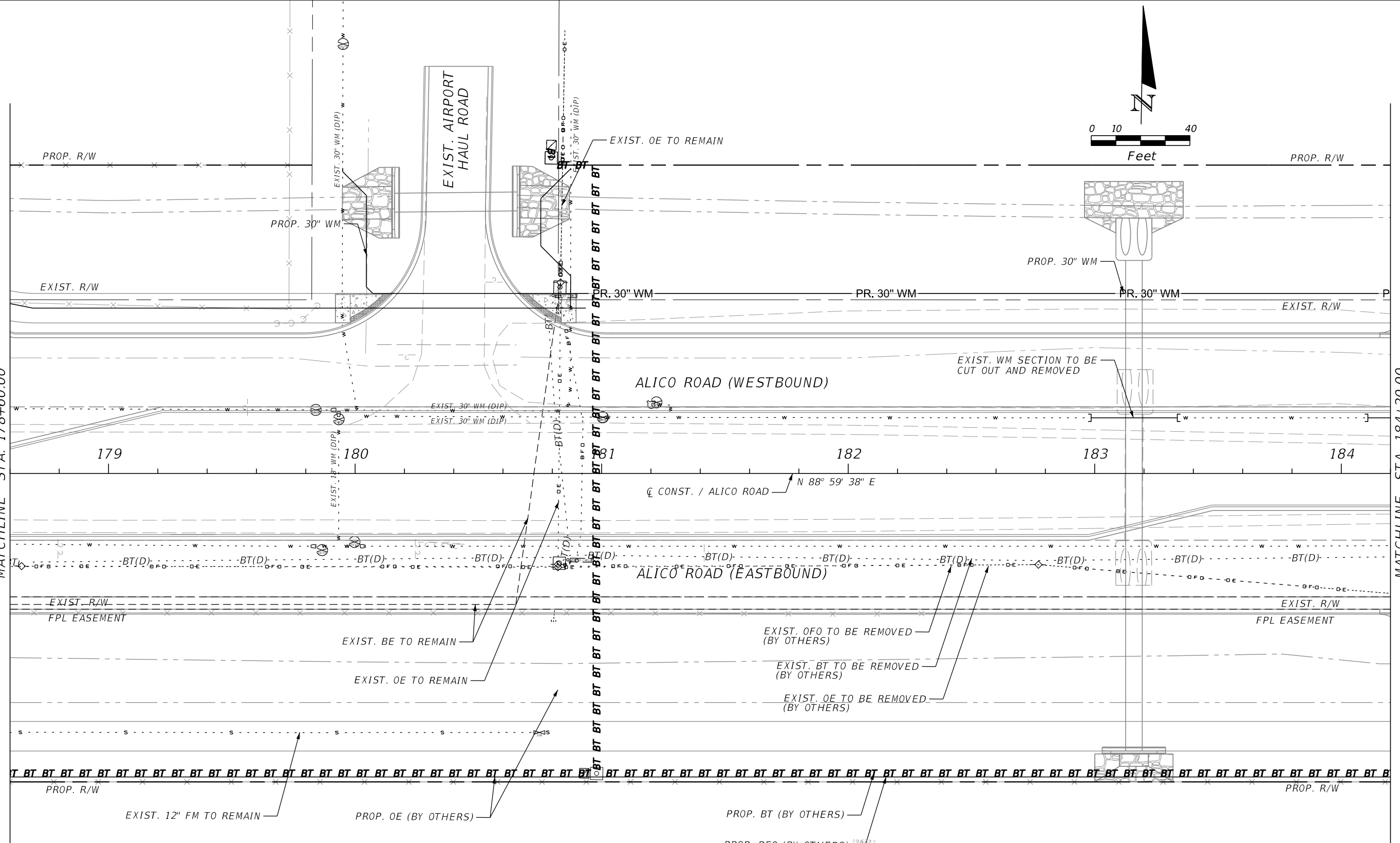
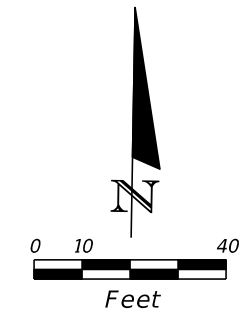
LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

UTILITY ADJUSTMENTS
ALICO ROAD

SHEET NO. U-17

MATCHLINE STA. 178+60.00

MATCHLINE STA. 184+20.00



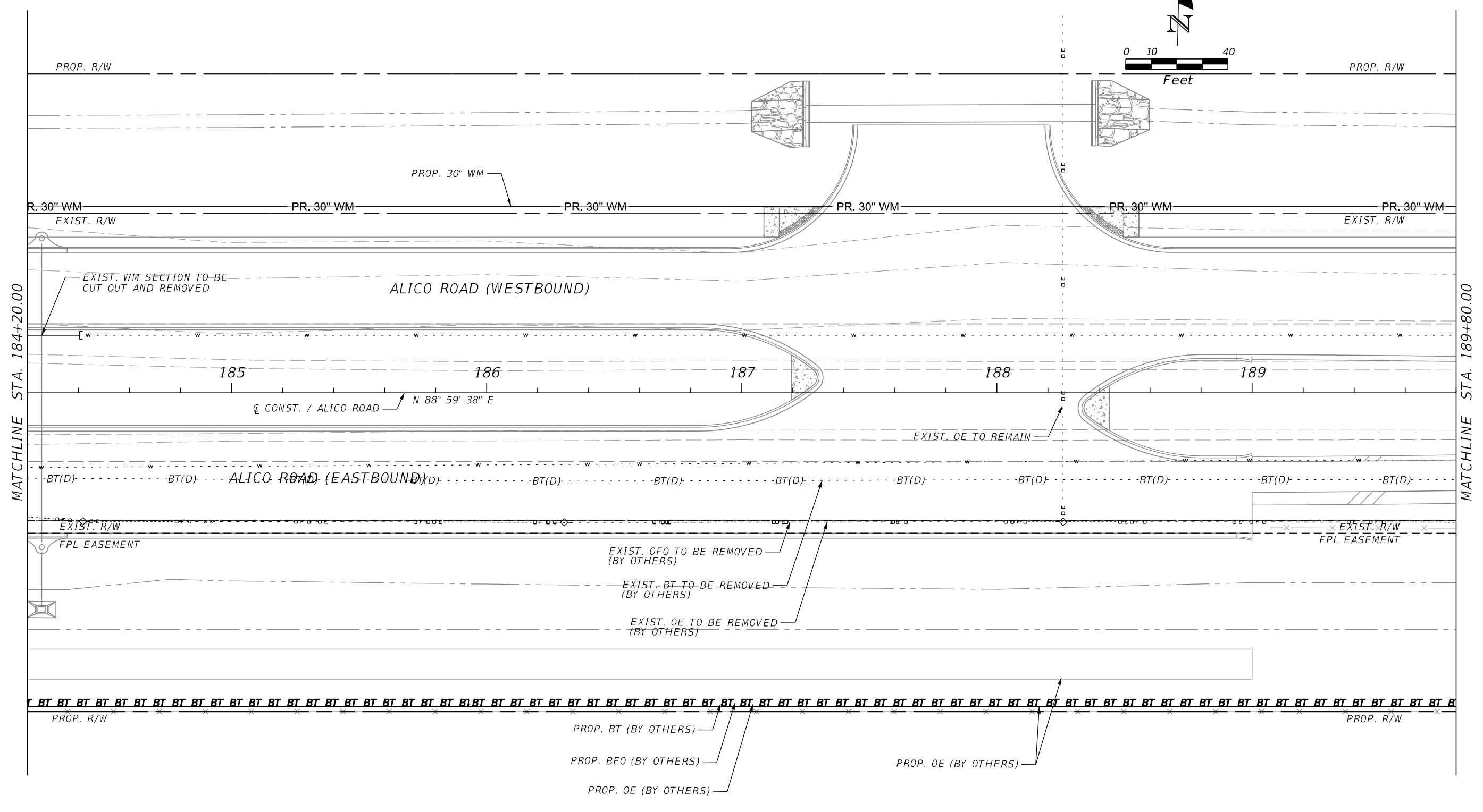
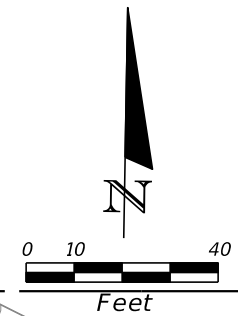
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

UTILITY ADJUSTMENTS
ALICO ROAD

SHEET NO.
U-18



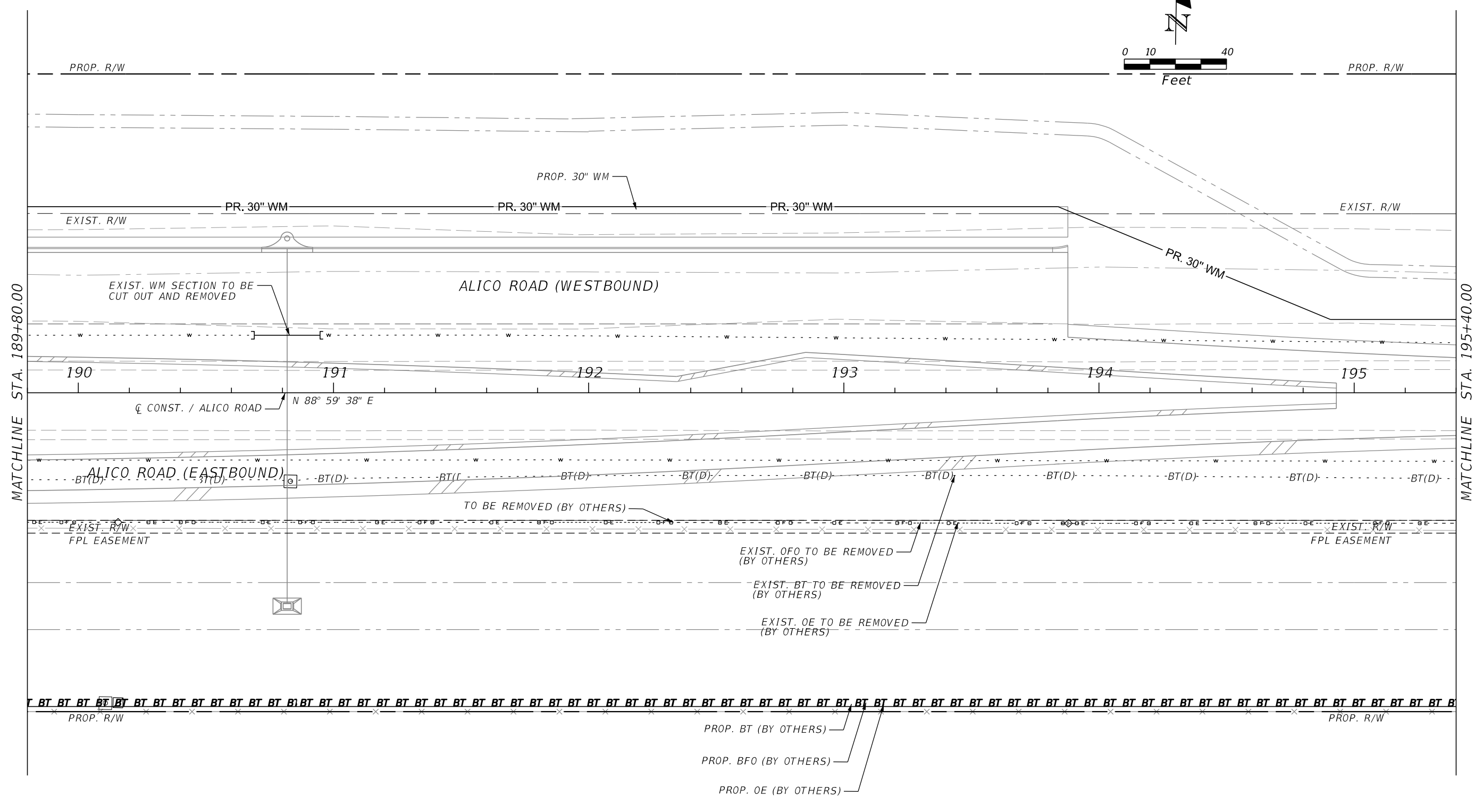
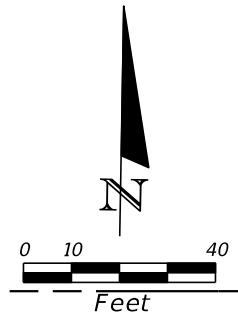
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

UTILITY ADJUSTMENTS
ALICO ROAD

SHEET NO.
 U-19



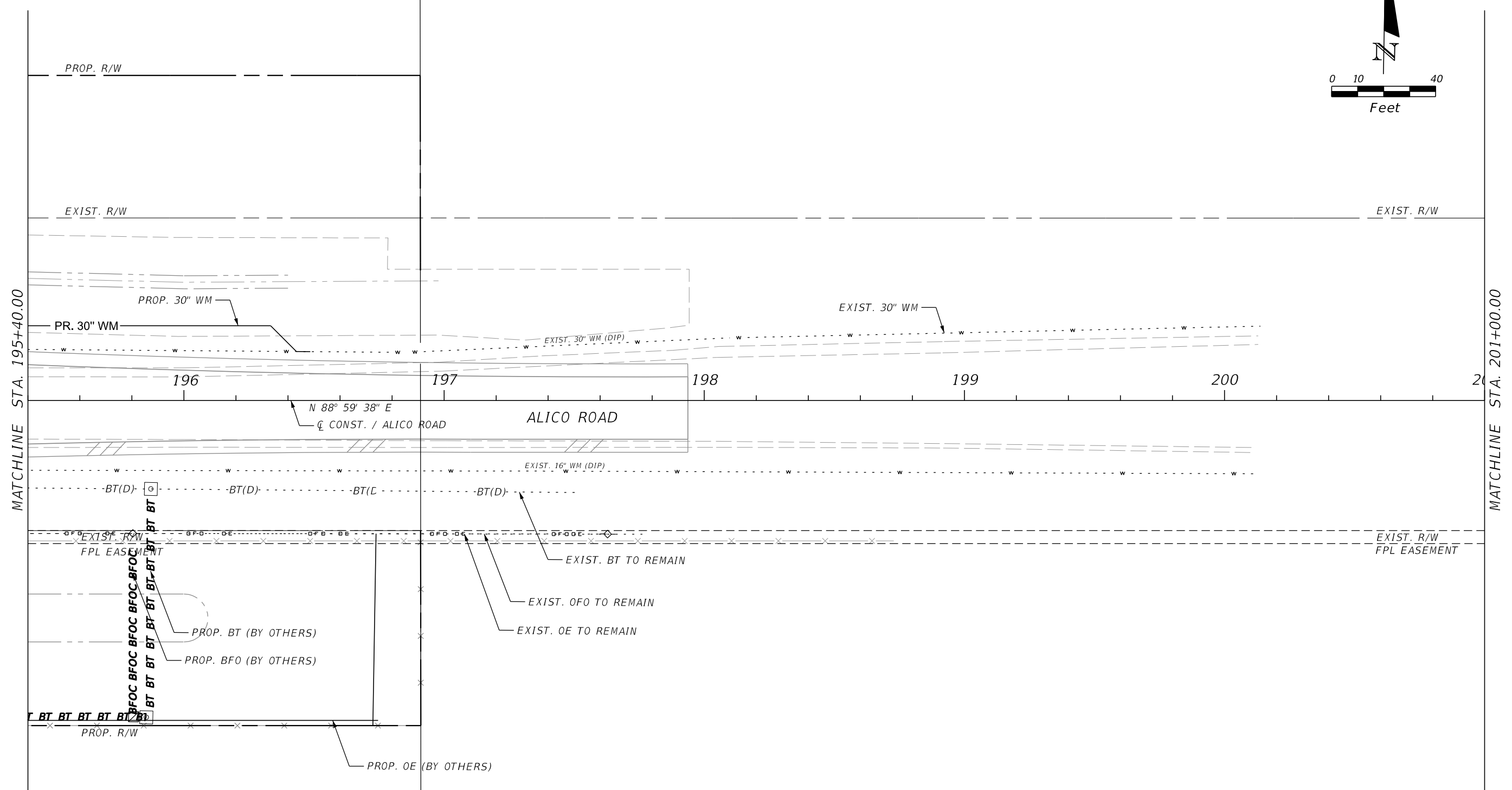
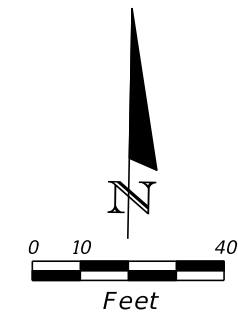
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

UTILITY ADJUSTMENTS
ALICO ROAD

SHEET NO.
U-20



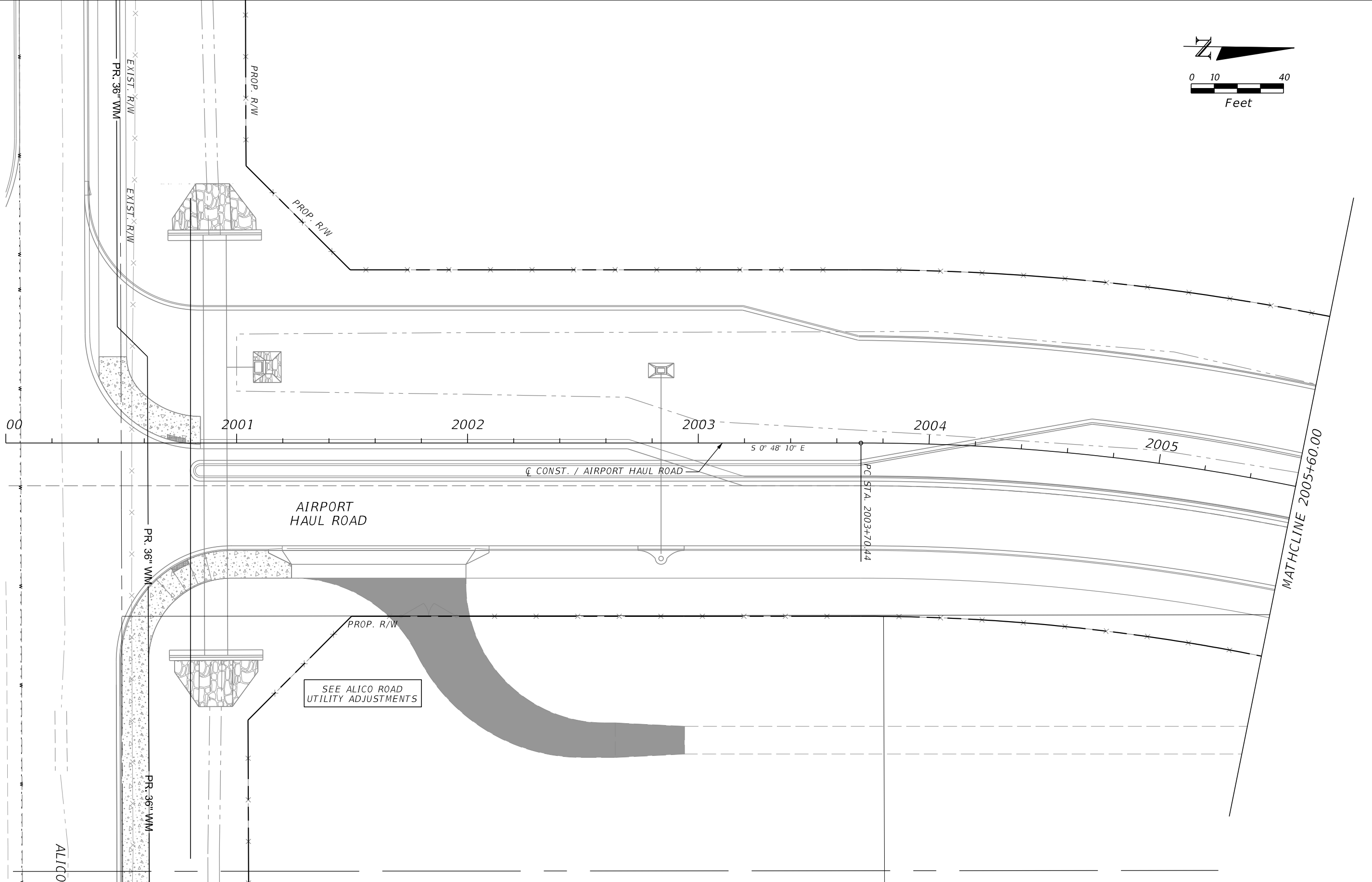
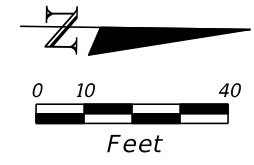
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON
ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

UTILITY ADJUSTMENTS
ALICO ROAD

SHEET NO.
U-21



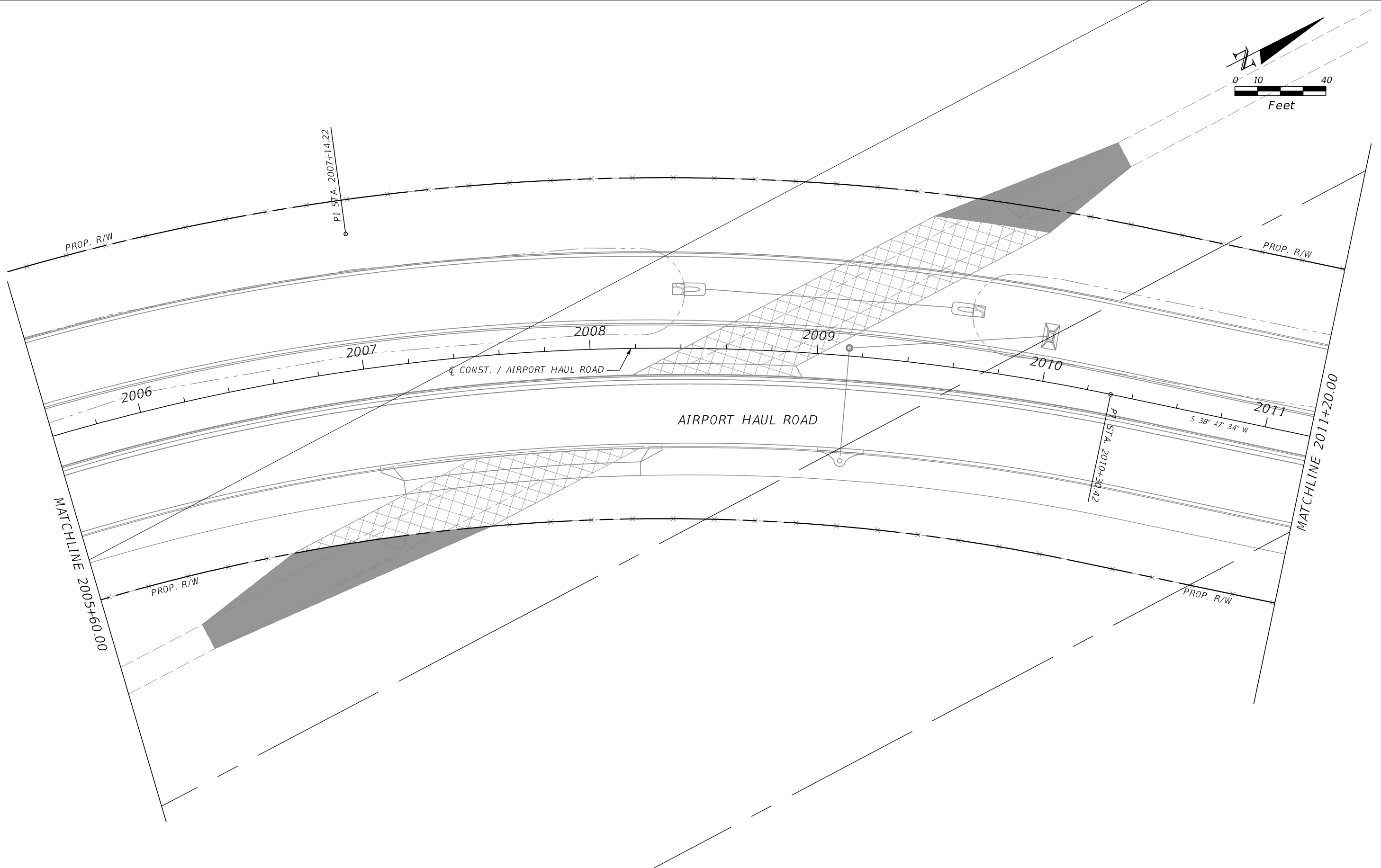
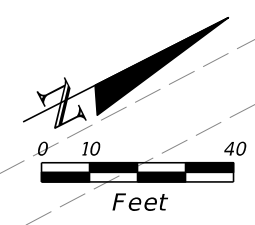
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

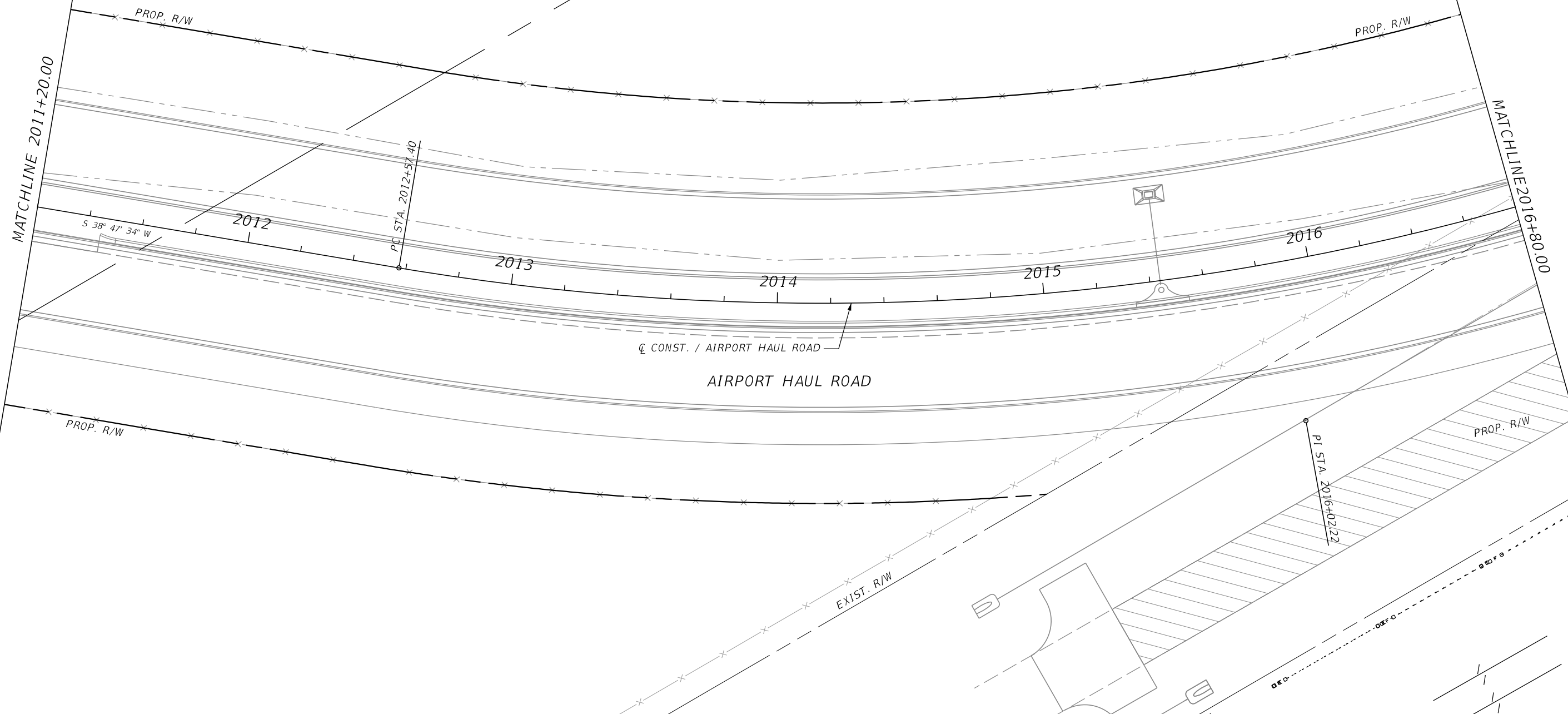
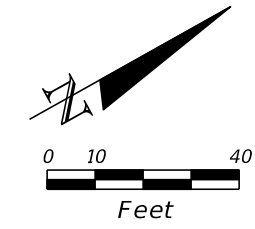
LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

UTILITY ADJUSTMENTS
AIRPORT HAUL ROAD

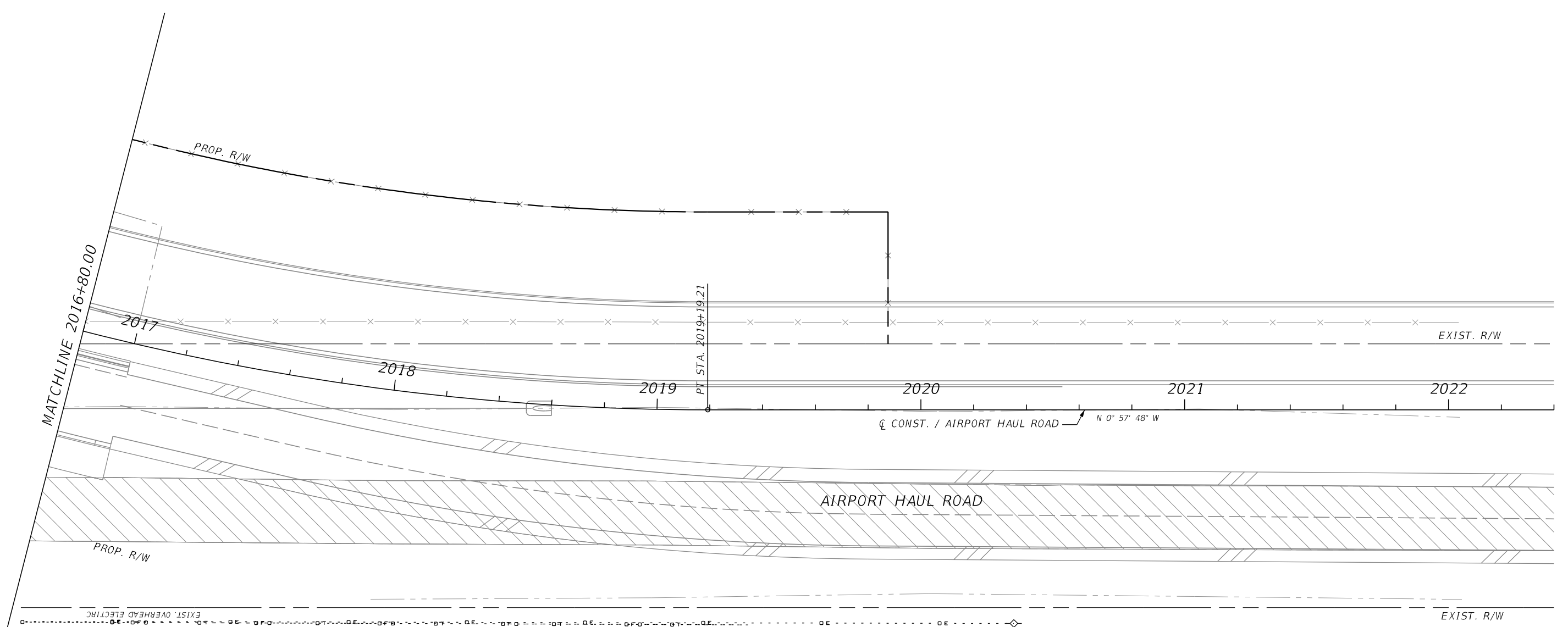
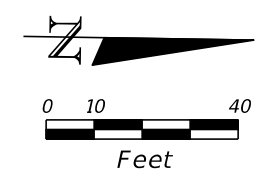
SHEET NO.
U-22



REVISIONS		REVISIONS		JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENTS AIRPORT HAUL ROAD	SHEET NO. U-23
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		
					LEE				



REVISIONS				JOHNSON ENGINEERING 2122 JOHNSON STREET FORT MYERS, FL 33901 EB 642 & LB 642 RYAN K. BELL, P.E. NO. 60010	LEE COUNTY DEPARTMENT OF TRANSPORTATION			UTILITY ADJUSTMENTS AIRPORT HAUL ROAD	SHEET NO. U-24
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD NO.	COUNTY	FINANCIAL PROJECT ID		



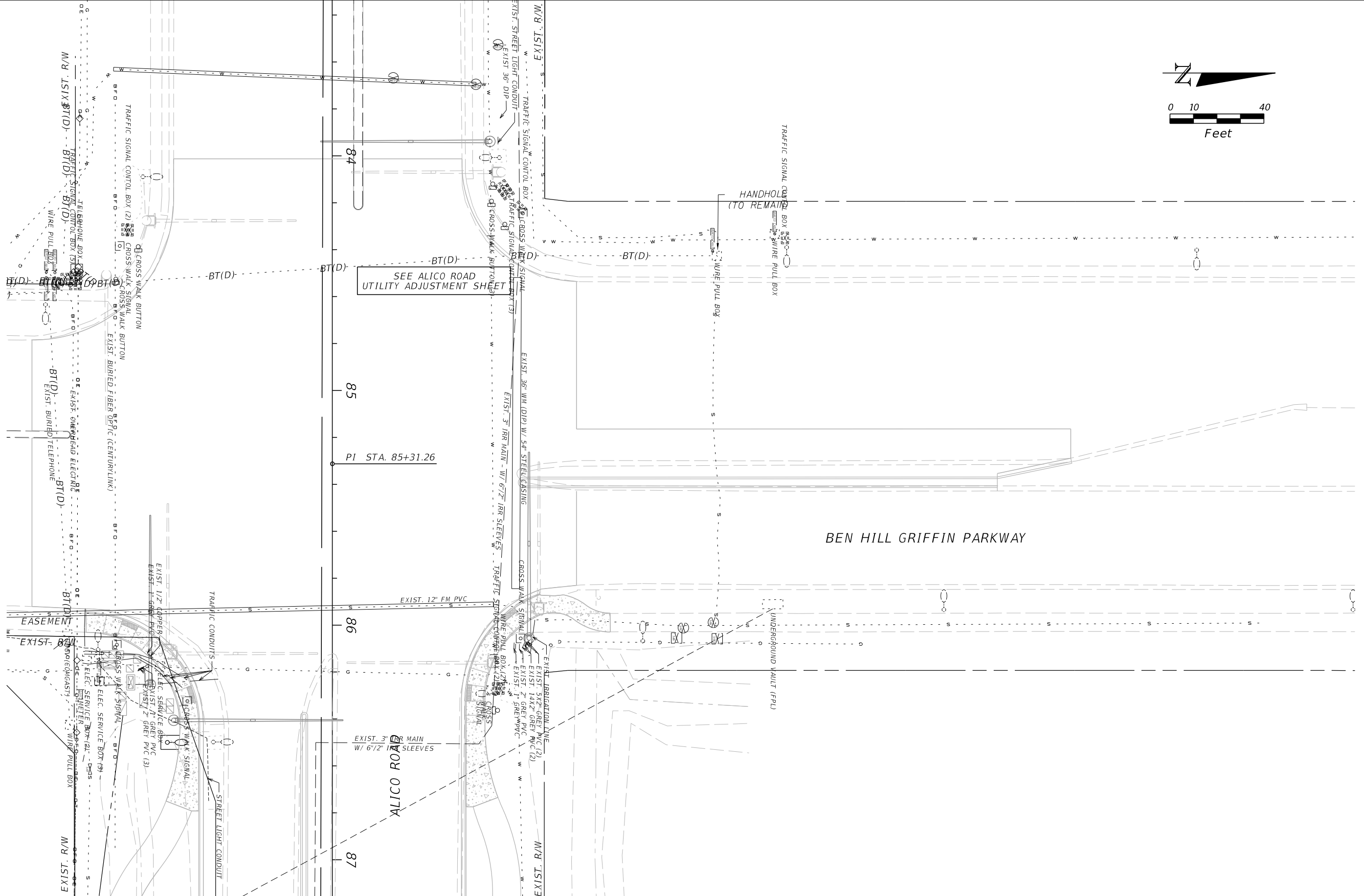
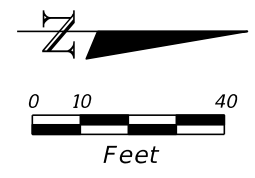
REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

JOHNSON
ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

UTILITY ADJUSTMENTS
AIRPORT HAUL ROAD

SHEET NO.
 U-25



REVISIONS	
DATE	DESCRIPTION

JOHNSON ENGINEERING
 2122 JOHNSON STREET
 FORT MYERS, FL 33901
 EB 642 & LB 642
 RYAN K. BELL, P.E. NO. 60010

LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	

UTILITY ADJUSTMENTS
BEN HILL GRIFFIN PKWY

SHEET NO.
 U-26

PROJECT TRAFFIC CONTROL REQUIREMENTS:













THE CONTRACTOR IS HEREBY ADVISED THE FOLLOWING NOTES, SKETCHES AND DIAGRAMS ARE INTENDED AS ONLY GUIDELINES FOR THE CONTRACTOR'S TRAFFIC CONTROL PLAN. THE INFORMATION PRESENTED IS NOT TO BE CONSIDERED A COMPLETE AND DETAILED TRAFFIC CONTROL PLAN. THE CONTRACTOR SHALL PROVIDE THE LABOR, EQUIPMENT AND MATERIAL NECESSARY TO PROVIDE AND IMPLEMENT A COMPLETE TRAFFIC CONTROL PLAN PER THE GUIDELINES AND STANDARDS NOTED TO FACILITATE THE CONSTRUCTION OF THE PROJECT.

THE CONTRACTOR'S TRAFFIC CONTROL PLAN SHALL BE SIGNED & SEALED BY AN ENGINEER REGISTERED IN THE STATE OF FLORIDA WITH ADVANCED MOT CERTIFICATION. THE TRAFFIC CONTROL PLAN SHALL BE APPROVED BY LCDOT PRIOR TO CONSTRUCTION. ALL COSTS ASSOCIATED WITH THE TRAFFIC CONTROL PLAN, INCLUDING PREPARATION OF THE PLAN SHALL BE INCLUDED WITH THE LUMP SUM MAINTENANCE OF TRAFFIC PAY ITEM.

GENERAL NOTES

1. THE CONTRACTOR'S TRAFFIC CONTROL PLAN SHALL CONFORM TO THE 2009 EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), THE 2017 FDOT DESIGN STANDARDS (600 SERIES), AND THE 2017 FDOT STANDARD SPECIFICATIONS FOR ROADWAY AND BRIDGE CONSTRUCTION.
2. REGULATORY SPEED ESTABLISHED DURING CONSTRUCTION SHALL BE 45 M.P.H.
3. ARROWS IN THE TRAFFIC CONTROL PLANS DENOTE DIRECTION OF TRAFFIC ONLY AND DO NOT REFLECT PAVEMENT MARKINGS, UNLESS OTHERWISE NOTED.
4. LOCATIONS OF ADVANCE WARNING AND OTHER RELATED CONSTRUCTION SIGNS AS DEPICTED ON THE TRAFFIC CONTROL PLANS ARE APPROXIMATE AND THE CONTRACTOR SHALL POSITION SIGNS APPROPRIATELY CONSIDERING THE EXISTING FIELD CONDITIONS.
5. THE CONTRACTOR SHALL COORDINATE ALL SEASONAL, WEEKEND AND SPECIAL EVENTS AS THEY OCCUR. DURING GOVERNMENT CELEBRATED HOLIDAYS, HURRICANE OR OTHER CATASTROPHIC EVENTS, NO LANE CLOSURES ARE ALLOWED. ALL OTHER LANES MUST BE OPEN FOR TRAFFIC DURING AN EVACUATION NOTICE OF A HURRICANE OR OTHER CATASTROPHIC EVENT AND SHALL REMAIN OPEN FOR THE DURATION OF THE EVACUATION OR EVENT AS DIRECTED BY THE COUNTY.
6. THE CONTRACTOR IS TO MAINTAIN SAFE ACCESS FOR PEDESTRIANS, PEDESTRIAN CROSSWALKS, BICYCLISTS, AND BUS OPERATIONS DURING CONSTRUCTION, UNLESS OTHERWISE NOTED. IF CLOSURES ARE NECESSARY, THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE COUNTY TO DO SO. IF APPROVAL IS GRANTED THE CONTRACTOR SHALL SIGN APPROPRIATELY USING THE APPROPRIATE FDOT STANDARD INDEXES.
7. THE CONTRACTOR SHALL MAINTAIN SAFE VEHICULAR ACCESS TO ALL ADJACENT PROPERTY AT ALL TIMES. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER ON ANY TEMPORARY CLOSING OF ACCESS PRIOR TO CONSTRUCTION. EXISTING STOP SIGNS SHALL BE UTILIZED IN ALL PHASES AND RELOCATED AS REQUIRED.
8. TRAFFIC DISRUPTIONS WHICH ARE NOT SHOWN BY THE TRAFFIC CONTROL PLAN, BUT WHICH ARE NECESSARY TO CONSTRUCT THE PROJECT, SHALL BE SUBMITTED IN WRITING TO THE COUNTY AND APPROVAL SHALL BE OBTAINED 72 HOURS PRIOR TO COMMENCEMENT OF WORK. SUBMITTAL MATERIAL SHALL INCLUDE SKETCHES, CALCULATIONS AND OTHER DATA AS REQUIRED BY THE COUNTY.
9. THE CONTRACTOR SHALL PROVIDE A CREW, ON CALL 24 HOURS PER DAY, TO BE RESPONSIBLE TO ERECT, INSTALL, CONSTRUCT, RELOCATE, MAINTAIN AND REMOVE ALL TRAFFIC CONTROL SIGNING, PAVEMENT MARKING, BARRIERS, BARRICADES AND OTHER DEVICES AS NECESSARY THROUGHOUT THE PROJECT AREA. SAID CREW SHALL RESPOND WITHIN 2 HOURS OF NOTIFICATION BY THE COUNTY.
10. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE THROUGHOUT CONSTRUCTION SO AS NOT TO ALLOW THE ACCUMULATION OF WATER ON THE TRAVEL WAY. THIS INCLUDES MAINTAINING THE TEMPORARY AND PERMANENT DRAINAGE FACILITIES.
11. UTILITY/DRAINAGE RELOCATIONS INCLUDED WITHIN THE PROJECT LIMITS SHALL BE SPECIFICALLY PHASED INTO THIS TRAFFIC CONTROL PLAN AND COORDINATED WITH THE APPROPRIATE COMPANIES.

LEGEND

-  Lane Identification and Direction of Traffic
-  Sign With 18" x 18" (Min.) Orange Flag And Type B Light
-  Type B Light For TCZ Signs
-  Orange Flag For TCZ Signs
-  Work Zone Sign
-  Type III Barricade (With Flashing Light)
-  Channelizing Device (See Index 600)
-  Portable Changeable (Variable) Message Sign
-  Advance Warning Arrow Panel
-  Flagger
-  Work Area
-  Temporary Asphalt Pavement

PHASING NOTES

PHASE I

1. PRIOR TO SETUP OF FULL PHASE I WORK ZONE ON ALICO RD., USE INDEX NO. 603 AND ESTABLISH WORK ZONE FROM STA. 191+50 TO STA. 201+50. CONSTRUCT TEMPORARY PAVEMENT ALONG OUTSIDE OF EASTBOUND LANE.
2. PRIOR TO SETUP OF FULL PHASE I WORK ZONE ON AIRPORT HAUL RD., USE INDEX NO. 603 AND ESTABLISH WORK ZONE FROM STA. 2015+50 TO 2021+00. CONSTRUCT TEMPORARY ASPHALT PAVEMENT ALONG OUTSIDE OF NORTHBOUND LANE.
3. PLACE ADVANCE WARNING SIGNS AND ESTABLISH PHASE I WORK ZONE AS SHOWN. EXISTING SPEED LIMIT 55 MPH SIGN (R2-1) NEAR STA. 102+20 TO BE REMOVED AND REPLACED WITH 45 MPH SIGNS. REDUCED SPEED SIGN NEAR STA. 111+50 TO BE REMOVED.
4. CONSTRUCT MEDIAN IMPROVEMENTS ON NORTH LEG OF BEN HILL GRIFFIN PARKWAY.
5. MAINTAIN TWO-LANE/TWO WAY TRAFFIC ON THE EXISTING ALICO RD. WHILE CONSTRUCTING NORTH SIDE OF PROPOSED DIVIDED ROADWAY, WITH THE EXCEPTION OF THE AREA NEAR THE EXISTING AIRPORT HAUL ROAD INTERSECTION. MAINTAIN ACCESS TO EXISTING AIRPORT HAUL ROAD. CONSTRUCTION TO INCLUDE PAVEMENT (NO FRICTION COURSE), CURBS, SIDEWALK, DRAINAGE, GRADING, & SOD. FILL MEDIAN TO EXTENT POSSIBLE WHILE MAINTAINING 1:6 MINIMUM SLOPE TO THE EXISTING WESTBOUND EDGE OF SHOULDER.
6. MAINTAIN TWO-LANE/TWO WAY TRAFFIC ON THE EXISTING AIRPORT HAUL ROAD WHILE CONSTRUCTING THE NEW AIRPORT HAUL ROAD ALONG ITS NEW ALIGNMENT. PLACE TEMPORARY ASPHALT PAVEMENT AS NEEDED TO MAKE CONNECTION FROM THE NEW AIRPORT HAUL RD. TO THE EXISTING PAVEMENT ON ALICO RD.
7. MOVE TRAFFIC FROM THE EXISTING AIRPORT HAUL RD. ALIGNMENT ONTO THE NEWLY CONSTRUCTED AIRPORT HAUL RD. CLOSE EXISTING AIRPORT HAUL RD.
8. CONSTRUCT HAMMERHEAD TURN AROUND ON EXISTING AIRPORT HAUL RD. AND CONSTRUCT NORTH SIDE OF PROPOSED DIVIDED ROADWAY ON ALICO RD. NEAR THE EXISTING AIRPORT HAUL ROAD INTERSECTION, COMPLETING PHASE I WORK FOR THE ENTIRE NORTH SIDE OF ALICO.
9. PLACE TEMPORARY PAVEMENT MARKINGS (PAINT) FOR TWO-LANE/TWO-WAY TRAFFIC ON ALICO RD IN PHASE II.

PHASE II

1. ADJUST ADVANCE WARNING SIGNS AS NECESSARY AND ESTABLISH PHASE II WORK ZONE.
2. SHIFT TRAFFIC FROM THE EXISTING TWO-LANE/TWO-WAY LANES TO THE NEWLY CONSTRUCTED PAVEMENT COMPLETED IN PHASE I. TRAFFIC TO REMAIN TWO-LANE/TWO WAY ON THE NORTH SIDE OF THE PROPOSED DIVIDED ROADWAY.
3. CONSTRUCT SOUTH SIDE OF PROPOSED DIVIDED ROADWAY, INCLUDING PAVEMENT (NO FRICTION COURSE), CURBS, SIDEWALK, DRAINAGE, GRADING & SOD.
5. PLACE TEMPORARY PAVEMENT MARKINGS (PAINT) FOR PHASE III.

PHASE III

1. ADJUST ADVANCE WARNING SIGNS AS NECESSARY. ESTABLISH PHASE III WORK ZONE PLACING BARRICADES SO AS TO MAINTAIN TRAFFIC ON THE OUTSIDE LANES OF THE NEWLY CONSTRUCTED DIVIDED ROADWAY PAVEMENT. INDEX NO. 613
2. SHIFT EASTBOUND TRAFFIC TO THE OUTSIDE OF THE NEWLY CONSTRUCTED PAVEMENT FROM PHASE II (SOUTH SIDE OF MEDIAN). THE WESTBOUND TRAFFIC SHALL REMAIN ON THE OUTSIDE OF THE PHASE I PAVEMENT (NORTH SIDE OF MEDIAN).
3. COMPLETE MEDIAN WORK.
4. PLACE FRICTION COURSE ON INSIDE LANES.
5. PLACE TEMPORARY PAVEMENT MARKINGS (PAINT) IN THE FINAL LOCATION PER THE SIGNING AND PAVEMENT MARKING PLANS.

PHASE IV

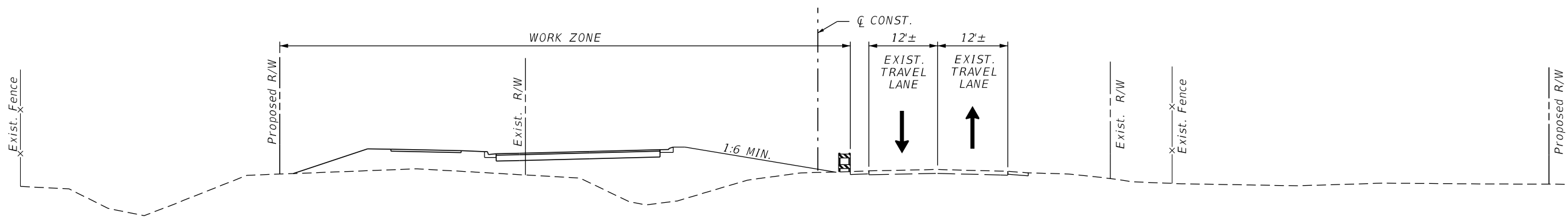
1. ADJUST ADVANCE WARNING SIGNS AS NECESSARY. ESTABLISH PHASE IV WORK ZONE PLACING BARRICADES SO AS TO MAINTAIN TRAFFIC ON THE INSIDE LANES OF THE NEWLY CONSTRUCTED DIVIDED ROADWAY. INDEX NO. 613
2. PLACE FRICTION COURSE ON THE OUTSIDE LANES.
3. PLACE TEMPORARY PAVEMENT MARKINGS (PAINT) IN THE FINAL LOCATION PER THE SIGNING AND PAVEMENT MARKING PLANS.

PHASE V

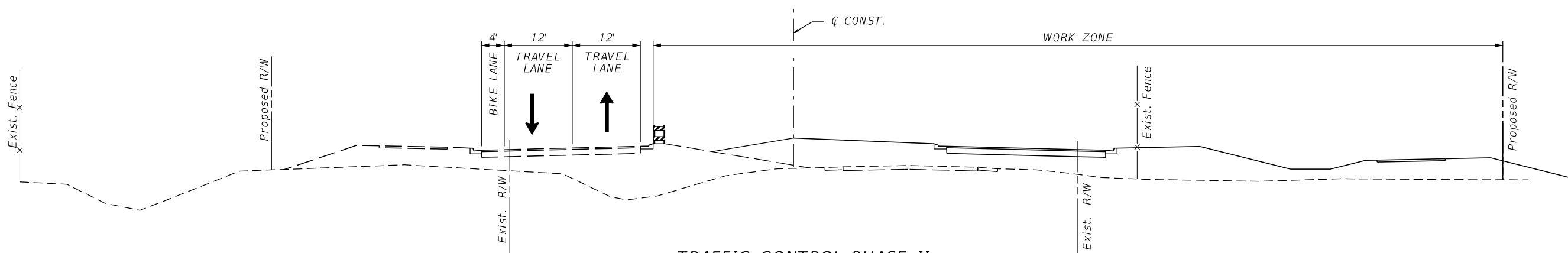
1. PLACE THERMOPLASTIC FINAL PAVEMENT MARKINGS IN THE FINAL LOCATION PER THE SIGNING AND PAVEMENT MARKING PLANS.
3. REMOVE ANY REMAINING TRAFFIC CONTROL DEVICES.

GENERAL NOTES & PHASING NOTES

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY	DDAI PROJ. NO.	
					ALICO RD.	LEE	13-0105	



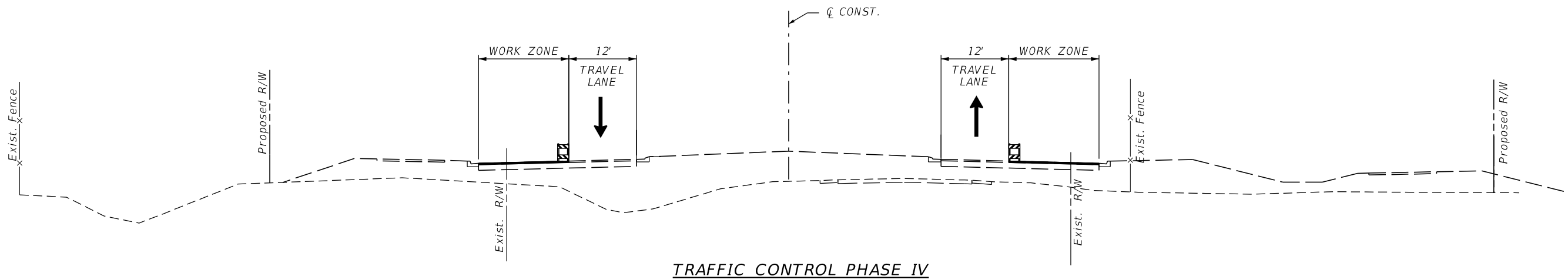
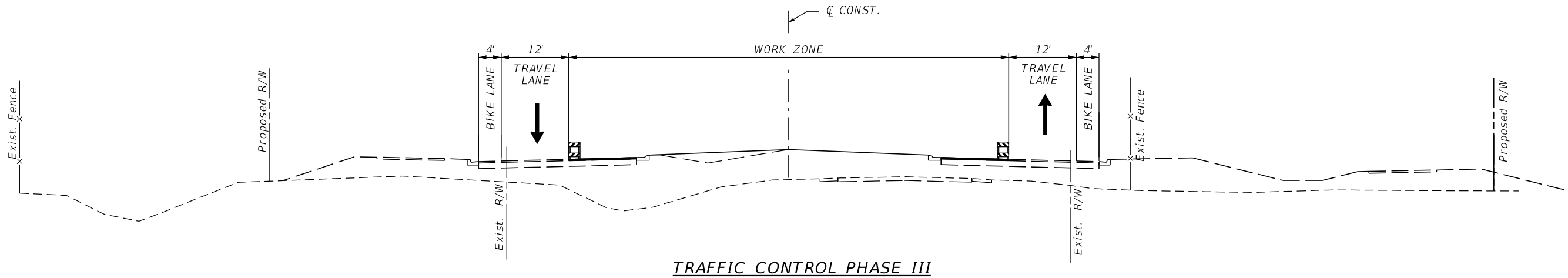
TRAFFIC CONTROL PHASE I



TRAFFIC CONTROL PHASE II

TYPICAL SECTIONS

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY	DDAI PROJ. NO.		
						ALICO RD.	LEE		13-0105



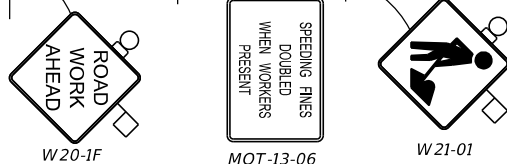
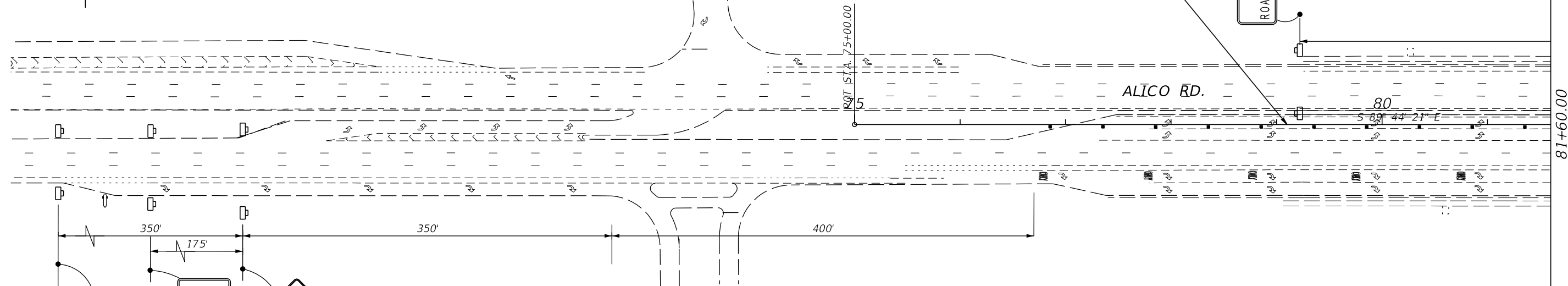
TYPICAL SECTIONS

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY	DDAI PROJ. NO.		TC-3
				DDAI	ALICO RD.	LEE	13-0105		



CLOSE INSIDE LEFT TURN LANE
CHANNELIZING DEVICES 50' OC
FOR CONST. ON NORTH LEG OF
OF THE INTERSECTION

G20-2
END
ROAD
WORK



NOTE:
W20-1F REQUIRED THROUGHOUT
PHASE 1. OTHER WARNING SIGNS
SHALL BE REMOVED OR COVERED
UPON THE COMPLETION OF MEDIAN CONST.
NORTH OF THE INTERSECTION AND THE
REOPENING OF THE INSIDE LEFT TURN LANE

PHASE I

81+60.00

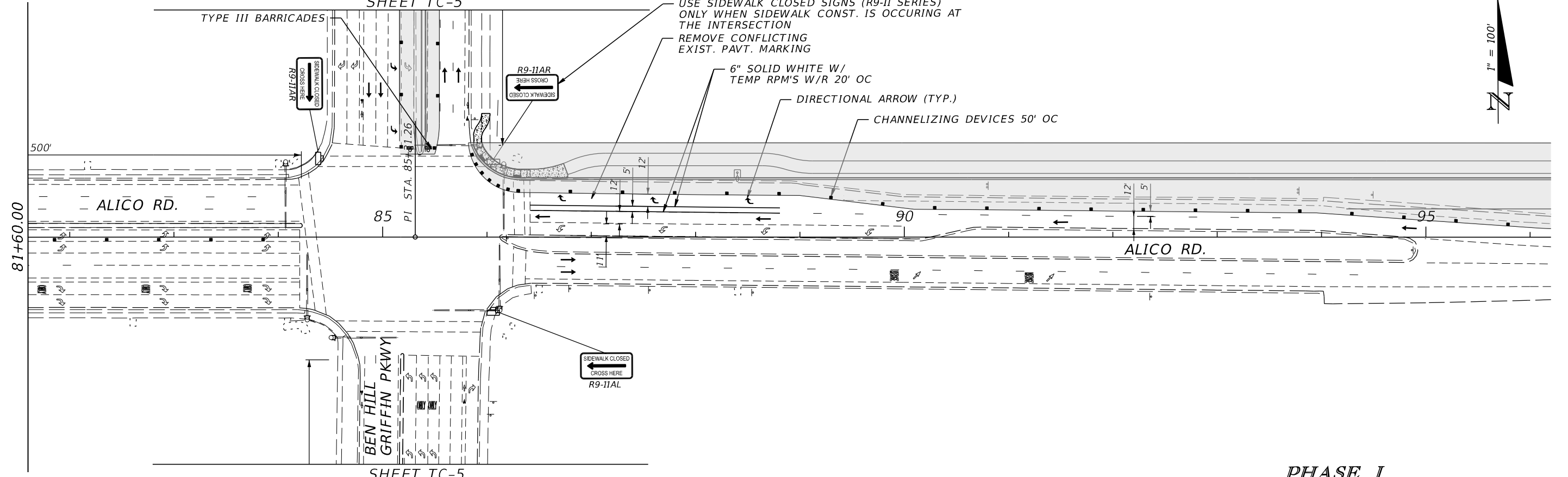
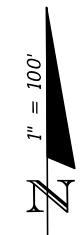
SHEET TC-5

USE SIDEWALK CLOSED SIGNS (R9-11 SERIES)
ONLY WHEN SIDEWALK CONST. IS OCCURING AT
THE INTERSECTION
REMOVE CONFLICTING
EXIST. PAVT. MARKING

6" SOLID WHITE W/
TEMP RPM'S W/R 20' OC

DIRECTIONAL ARROW (TYP.)

CHANNELIZING DEVICES 50' OC

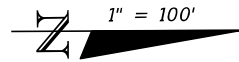


SHEET TC-5

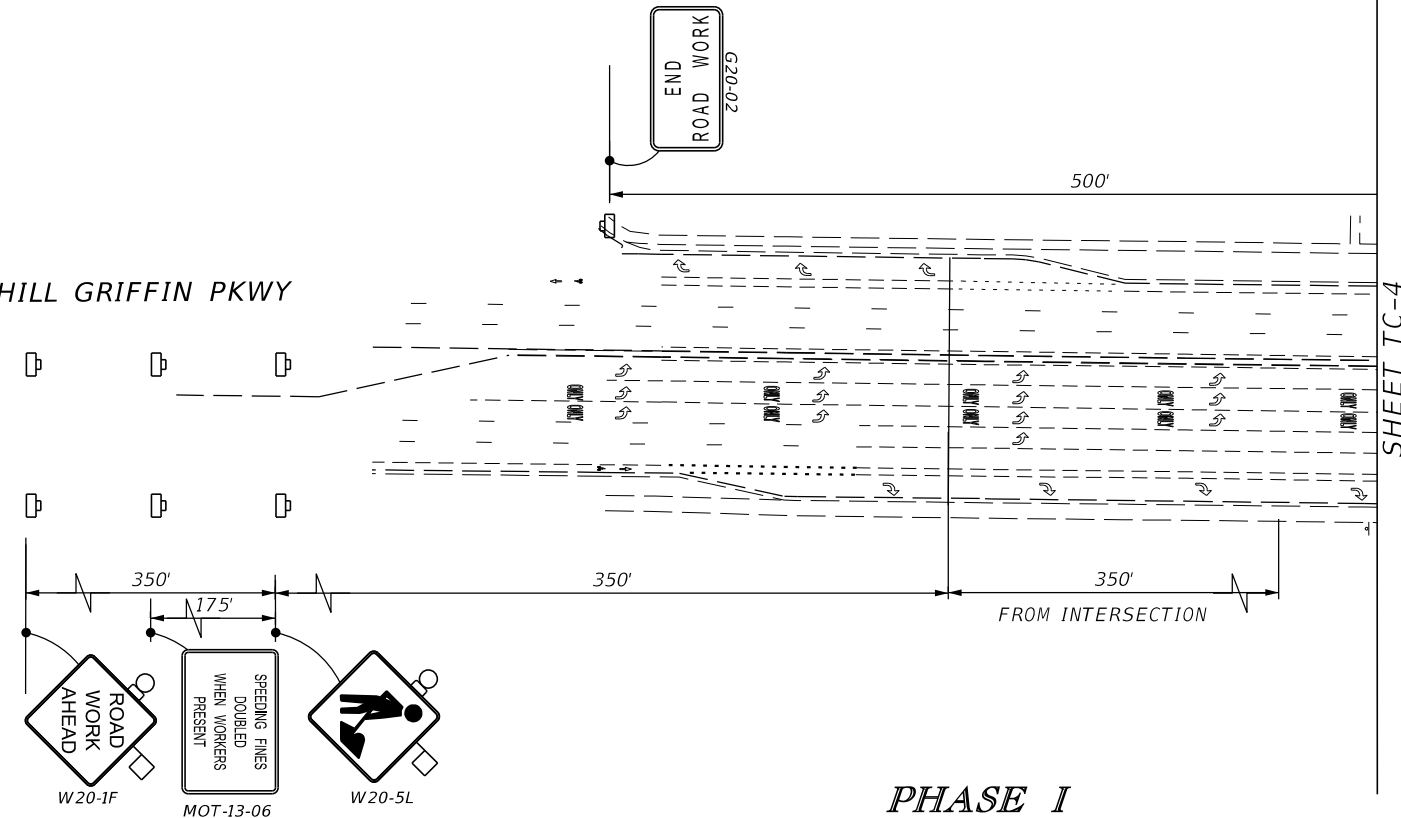
PHASE I

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY	DDAI PROJ. NO.		
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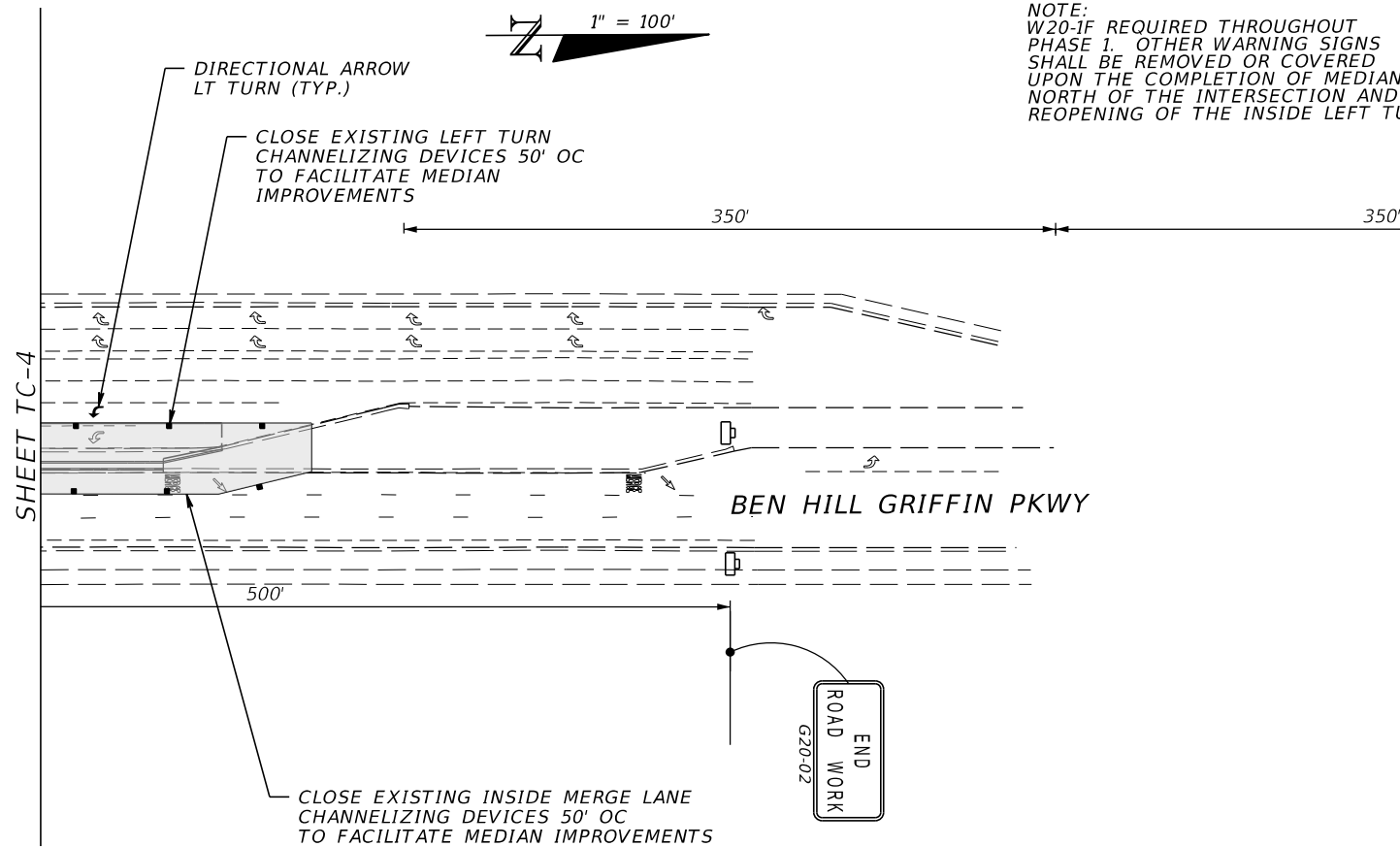
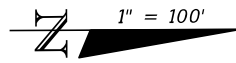


BEN HILL GRIFFIN PKWY



NOTE:
W20-1F REQUIRED THROUGHOUT
PHASE I. OTHER WARNING SIGNS
SHALL BE REMOVED OR COVERED
UPON THE COMPLETION OF MEDIAN CONST.
NORTH OF THE INTERSECTION AND THE
REOPENING OF THE THRU LANE.

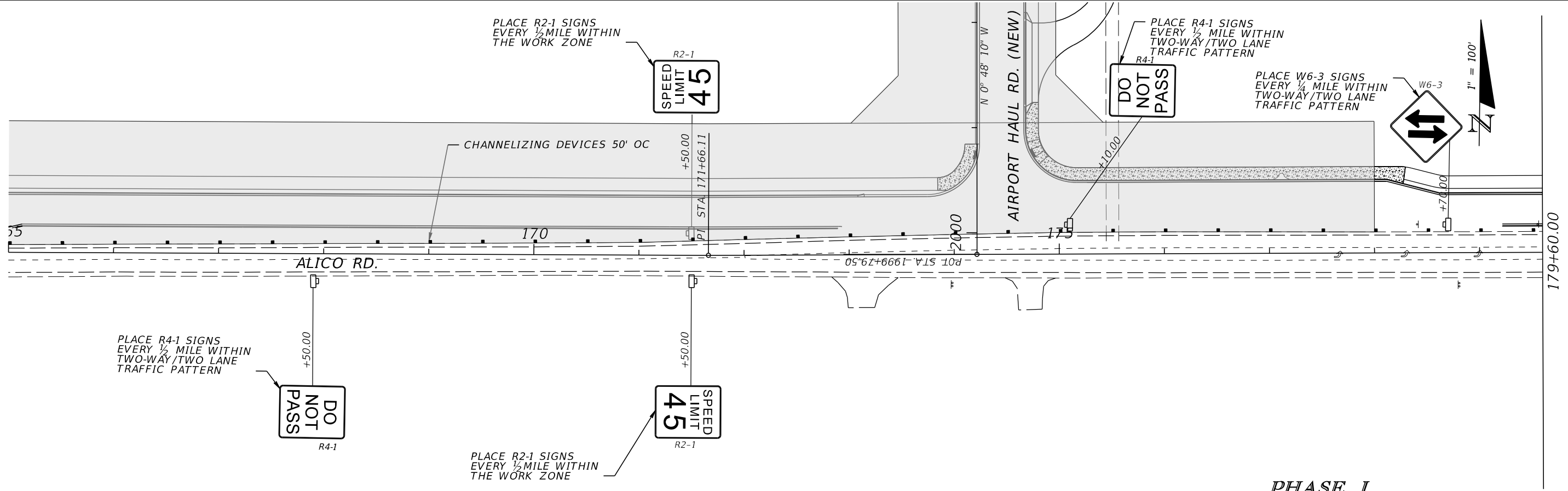
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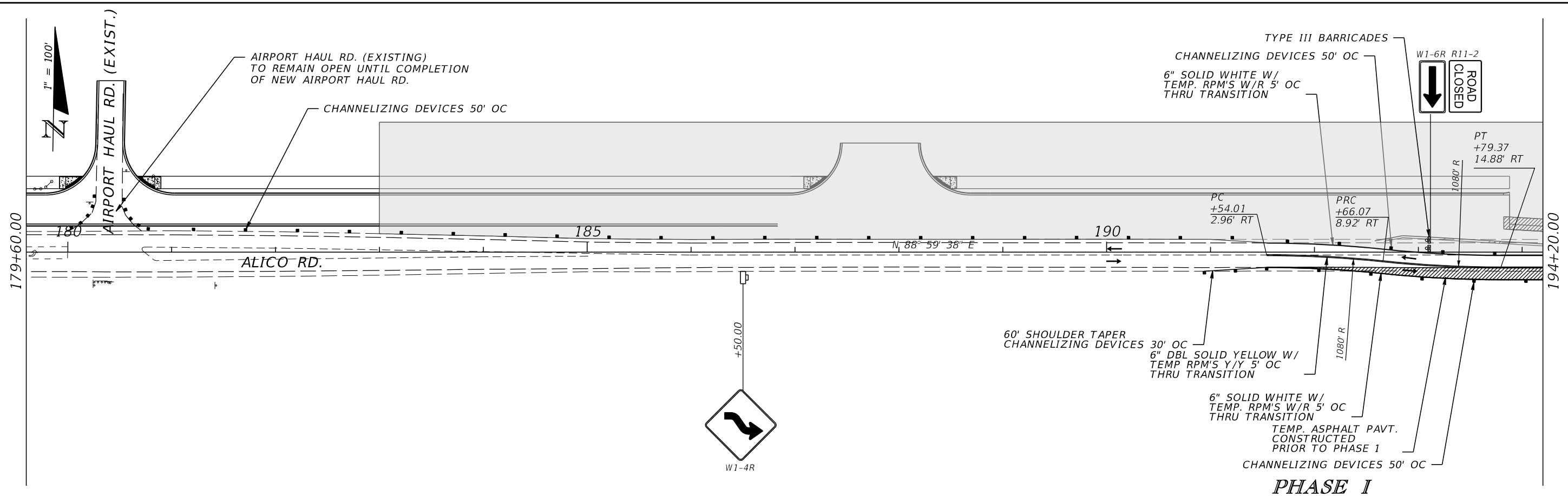
NOTE:
W20-1F REQUIRED THROUGHOUT
PHASE I. OTHER WARNING SIGNS
SHALL BE REMOVED OR COVERED
UPON THE COMPLETION OF MEDIAN CONST.
NORTH OF THE INTERSECTION AND THE
REOPENING OF THE INSIDE LEFT TURN LANE

PHASE I

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY	DDAI PROJ. NO.	
					ALICO RD.	LEE	13-0105	



PHASE I



PHASE I

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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 1821 Victoria Ave, Fort Myers, Florida 33901
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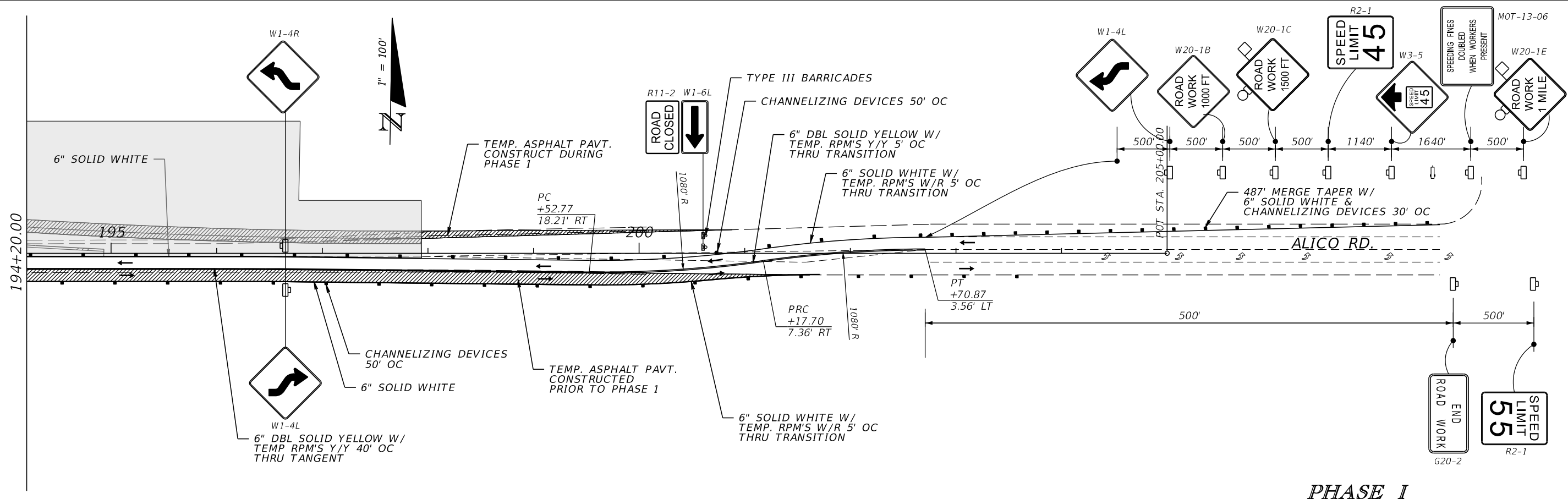


LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD	COUNTY	DDAI PROJ. NO.
ALICO RD.	LEE	13-0105

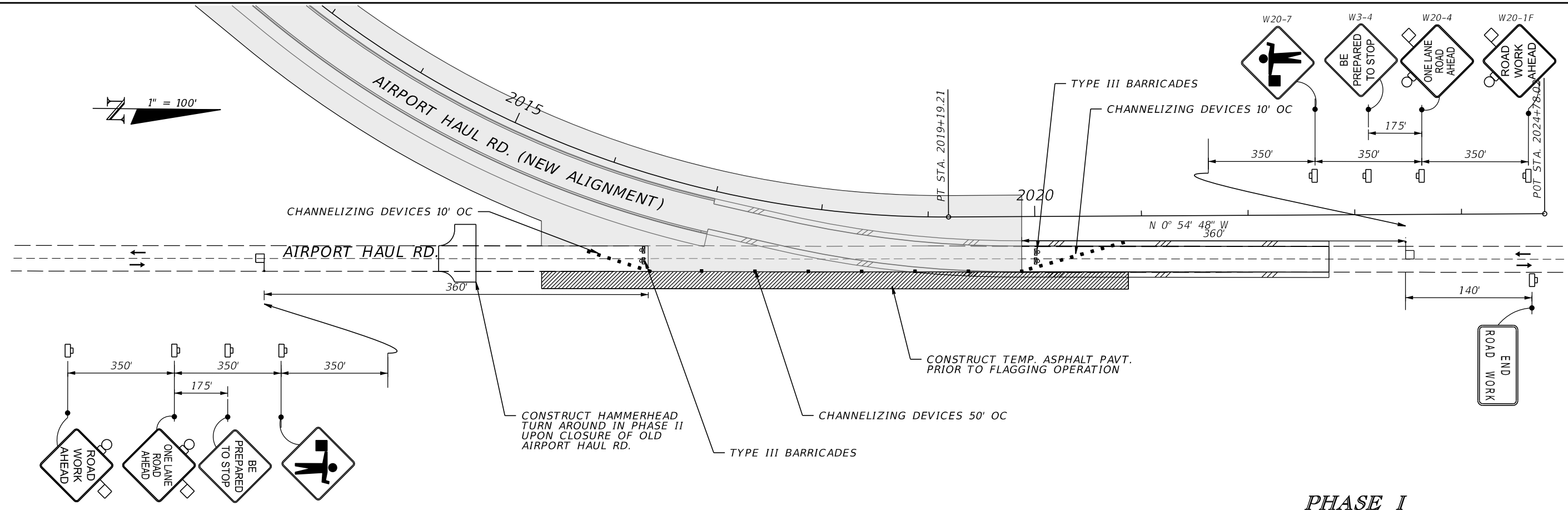
TRAFFIC CONTROL

SHEET NO.
TC-6

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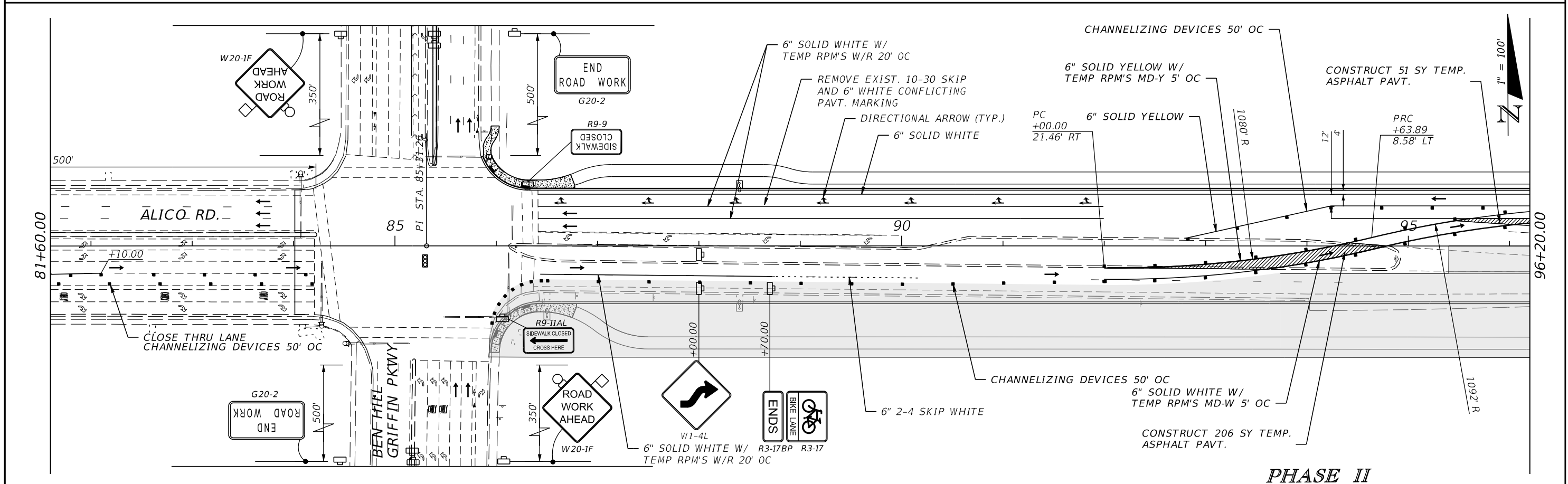
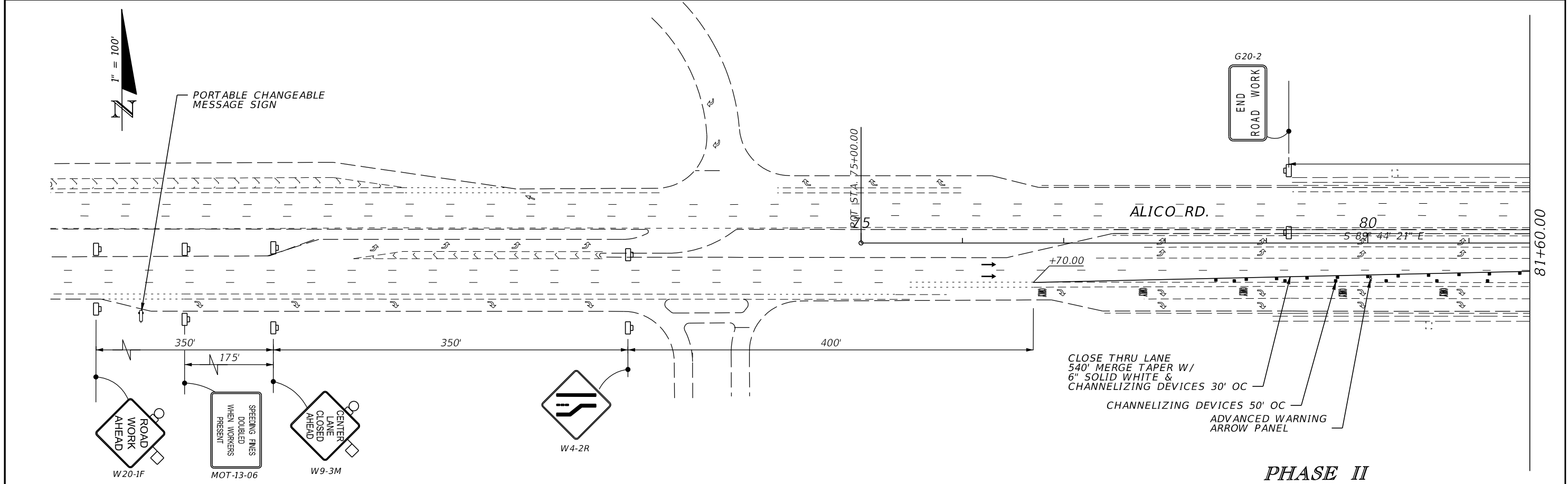
PHASE I



PHASE I

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY	DDAI PROJ. NO.	
				ALICO RD.	LEE	13-0105	TRAFFIC CONTROL	

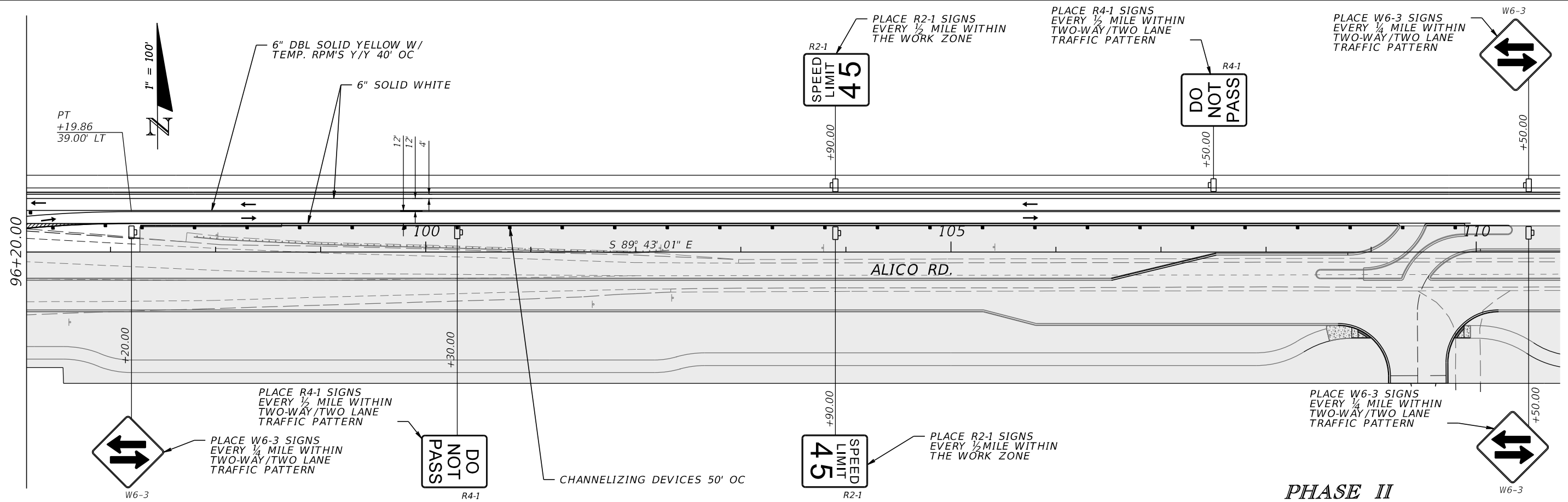
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DATE	DESCRIPTION	DATE	DESCRIPTION	DEPARTMENT OF TRANSPORTATION			
				ROAD	COUNTY	DDAI PROJ. NO.	TRAFFIC CONTROL
				ALICO RD.	LEE	13-0105	

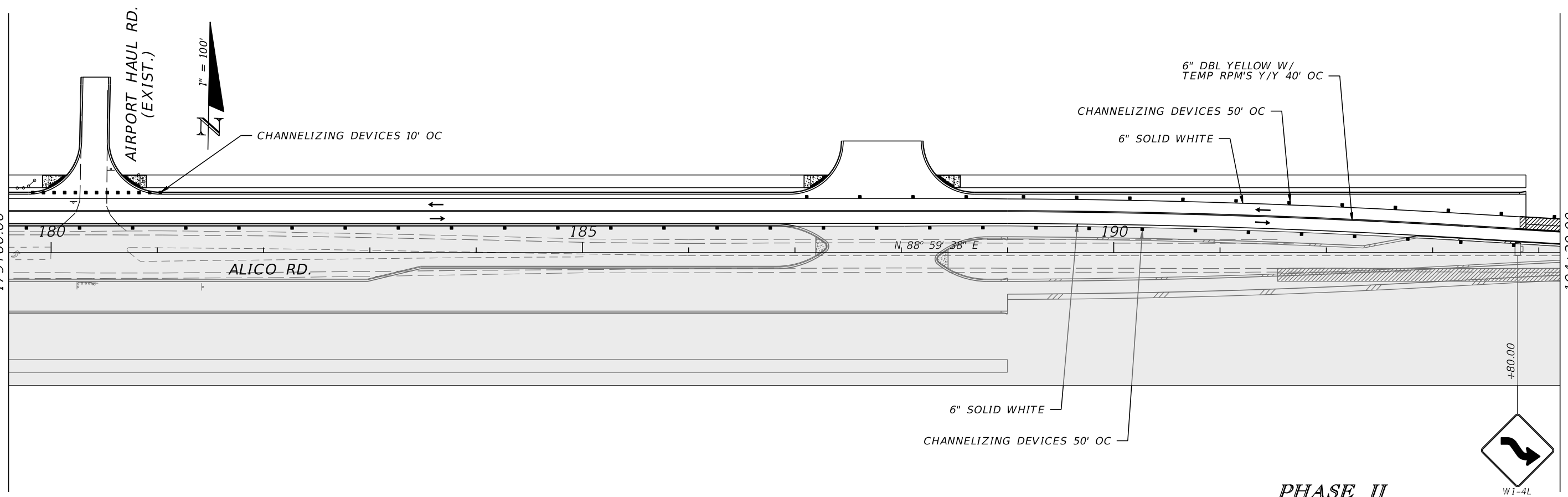
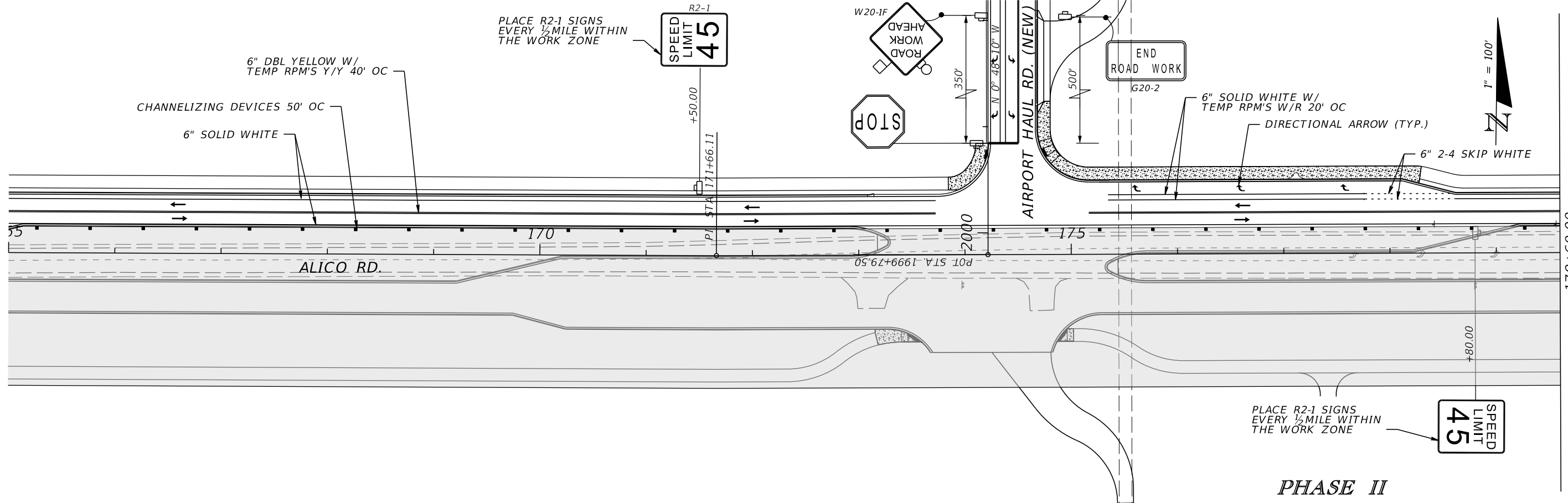
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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY	DDAI PROJ. NO.	
				ALICO RD.	LEE	13-0105		

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 Ph. 239-337-3330
 Web: www.ddai-engineers.com
 Certificate of Authorization No. 7568
 George R. Brinson, Jr., P.E., #47607

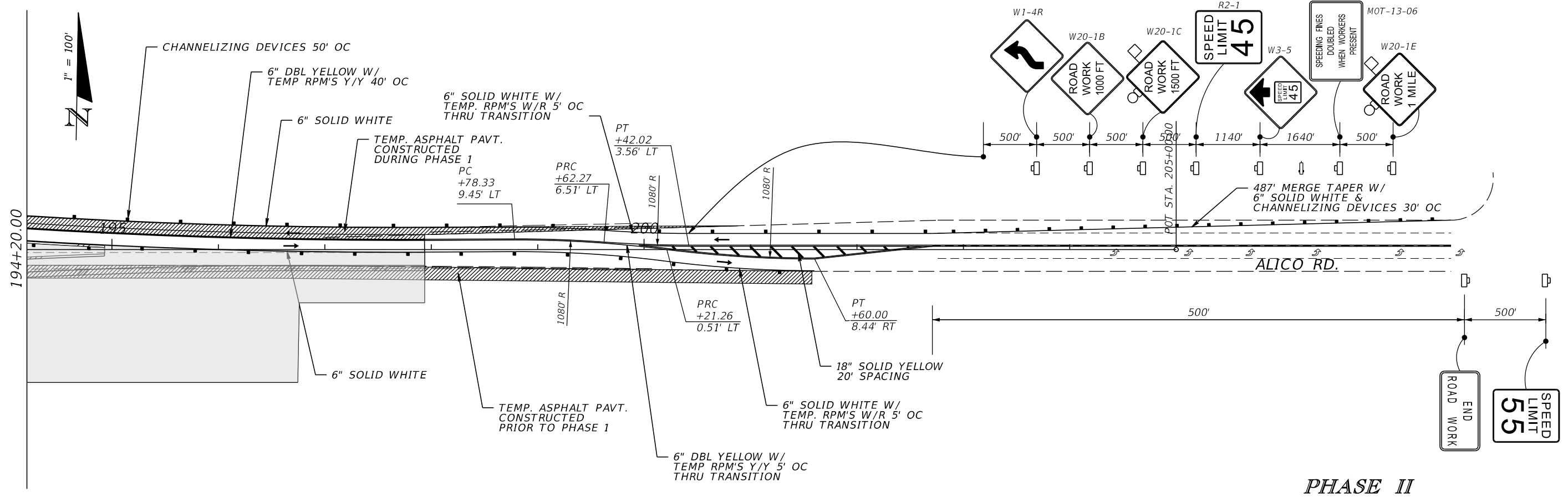


LEE COUNTY DEPARTMENT OF TRANSPORTATION		
ROAD	COUNTY	DDAI PROJ. NO.
ALICO RD.	LEE	13-0105

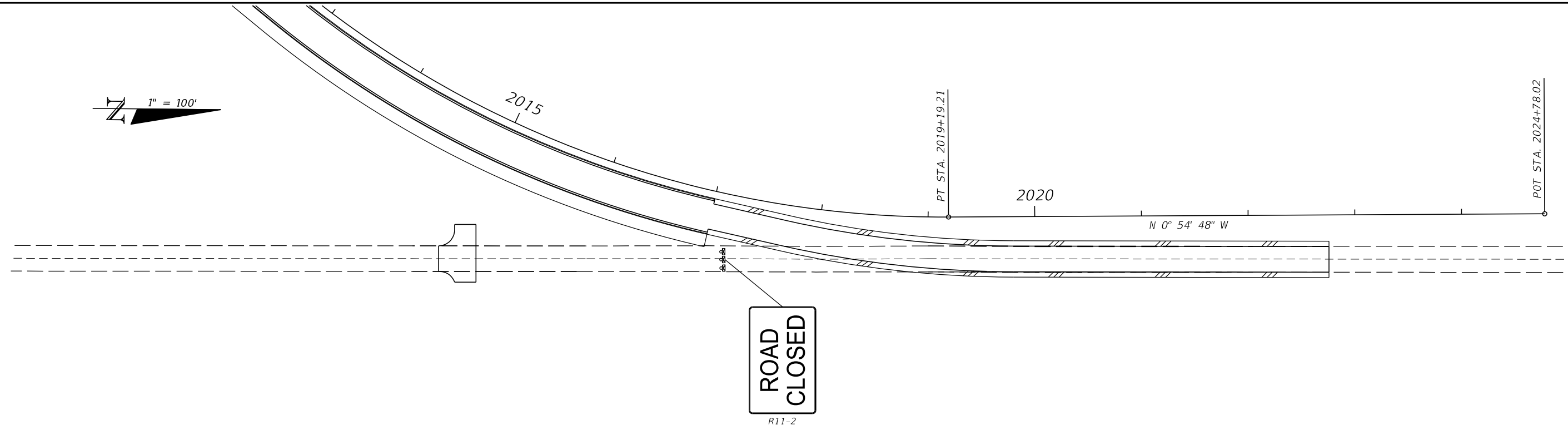
TRAFFIC CONTROL

SHEET NO.
TC-10

100% SUBMITTAL



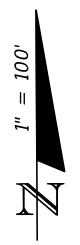
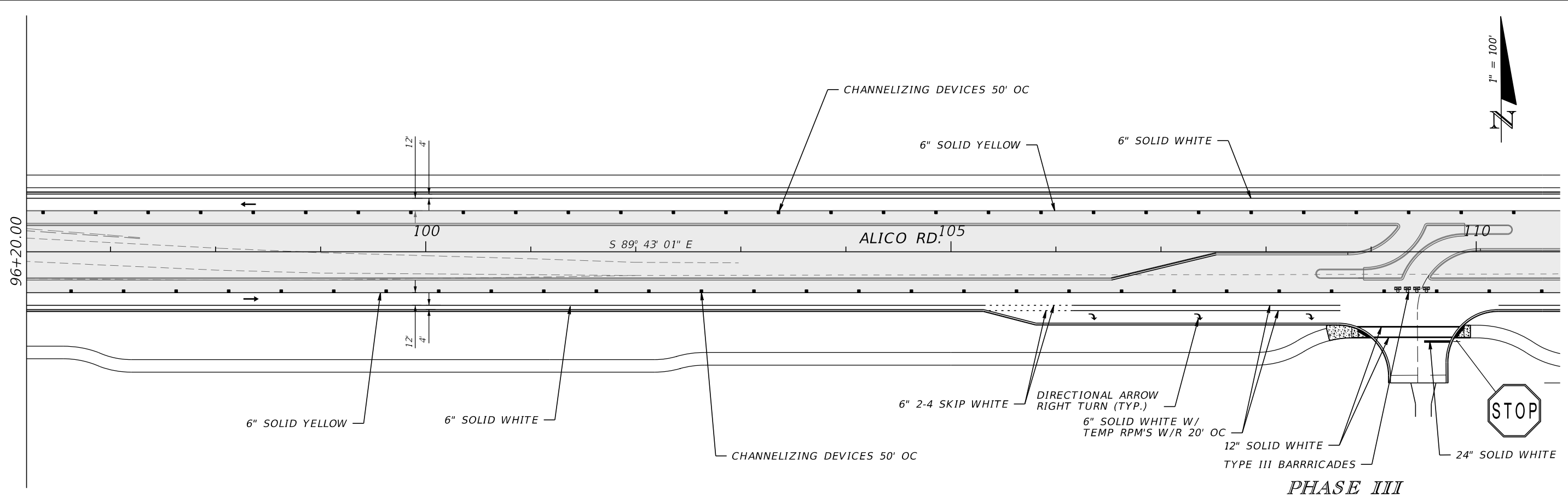
PHASE II



PHASE II

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DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY	DDAI PROJ. NO.	
				ALICO RD.	LEE	13-0105		

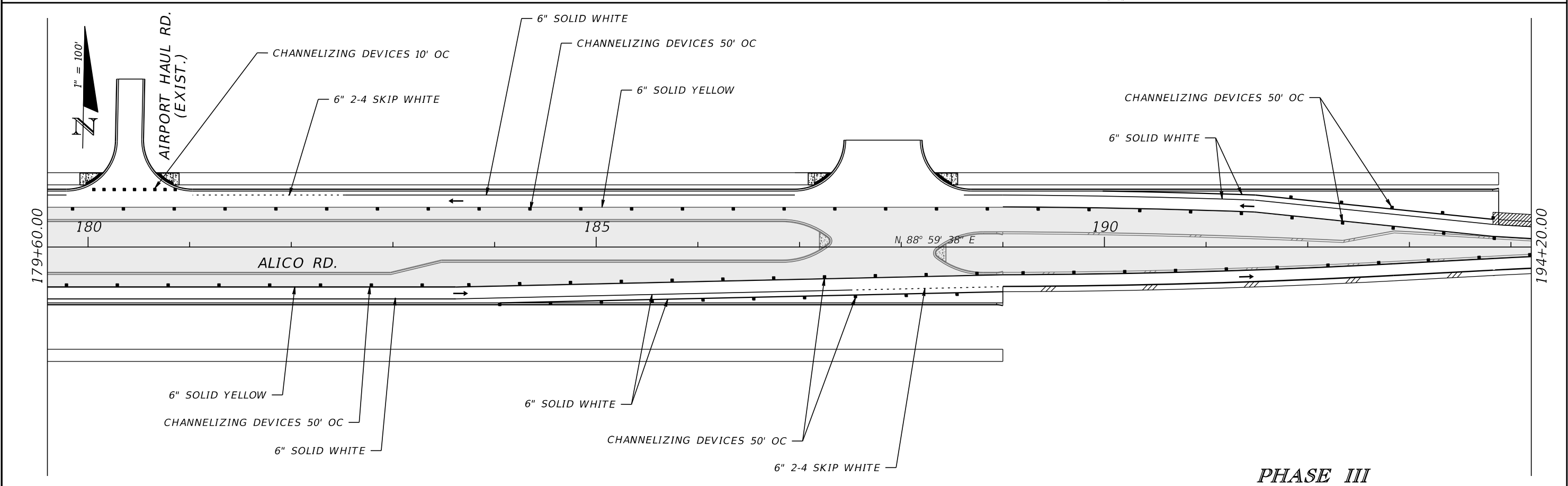
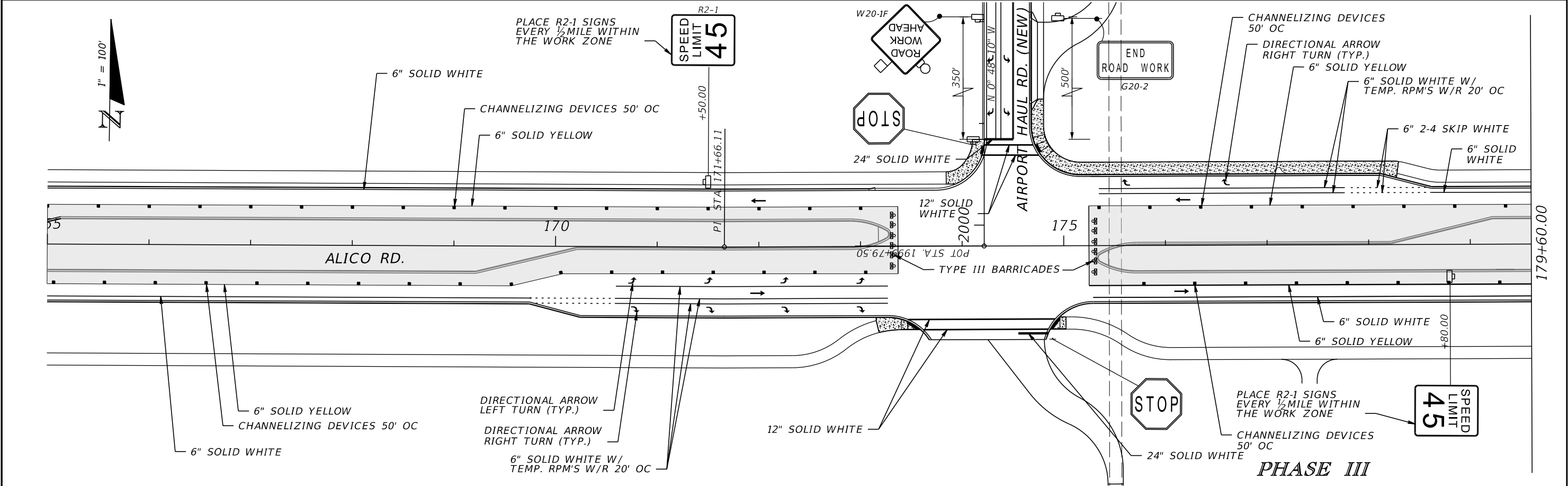
100% SUBMITTAL



PHASE III

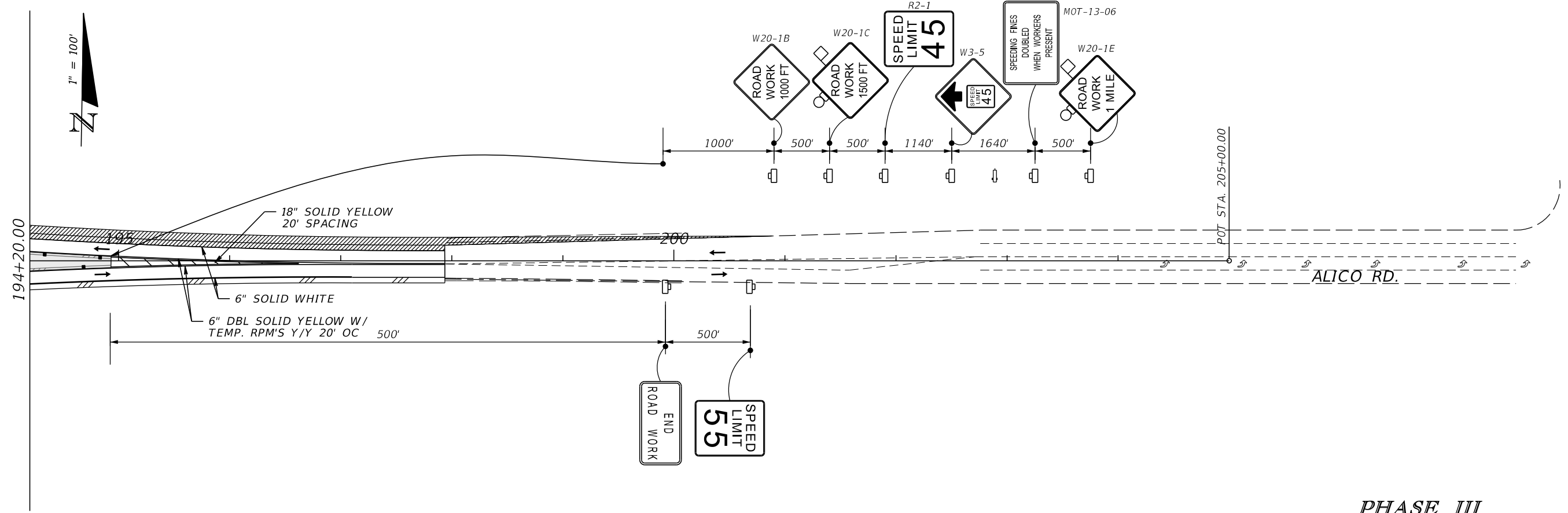
REVISIONS				DAVID DOUGLAS ASSOCIATES, INC. CIVIL ENGINEERS - LAND PLANNERS - CONTRACT ADMINISTRATORS 1821 Victoria Ave, Fort Myers, Florida 33901 Ph. 239-337-3330 Web: www.ddai-engineers.com Certificate of Authorization No. 7568 George R. Brinson, Jr., P.E. #47607	LEE COUNTY DEPARTMENT OF TRANSPORTATION			TRAFFIC CONTROL	SHEET NO. TC-13
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY	DDAI PROJ. NO.		
					ALICO RD.	LEE	13-0105		

100% SUBMITTAL



REVISIONS				DAVID DOUGLAS ASSOCIATES, INC. CIVIL ENGINEERS - LAND PLANNERS - CONTRACT ADMINISTRATORS 1821 Victoria Ave, Fort Myers, Florida 33901 Ph. 239-337-3330 Web: www.ddai-engineers.com Certificate of Authorization No. 7568 George R. Brinson, Jr., P.E., #47607	LEE COUNTY DEPARTMENT OF TRANSPORTATION			SHEET NO. TC-14
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY	DDAI PROJ. NO.	
					ALICO RD.	LEE	13-0105	
TRAFFIC CONTROL								

100% SUBMITTAL



PHASE III

REVISIONS				DAVID DOUGLAS ASSOCIATES, INC. CIVIL ENGINEERS - LAND PLANNERS - CONTRACT ADMINISTRATORS 1821 Victoria Ave, Fort Myers, Florida 33901 Ph. 239-337-3330 Web: www.ddai-engineers.com Certificate of Authorization No. 7568 George R. Brinson, Jr., P.E. #47607	LEE COUNTY DEPARTMENT OF TRANSPORTATION			TRAFFIC CONTROL	SHEET NO. TC-15
DATE	DESCRIPTION	DATE	DESCRIPTION		ROAD	COUNTY	DDAI PROJ. NO.		
					ALICO RD.	LEE	13-0105		

100% SUBMITTAL