CONTRACT PLANS COMPONENTS

ROADWAY PLANS
SIGNING AND PAVEMENT MARKING PLANS
SIGNALIZATION PLANS
LIGHTING PLANS
LANDSCAPING PLANS

LEE COUNTY PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

CORKSCREW ROAD WIDENING - PHASE II

BELLA TERRA BOULEVARD TO ALICO ROAD

JEI PROJECT ID: 20192030-000

LEE COUNTY (204100)

COUNTY ROAD NO. 850

INDEX OF ROADWAY PLANS

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14 - 16	PROJECT LAYOUT
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22 - 35	ROADWAY PLAN AND PROFILE
36	POND DETAIL
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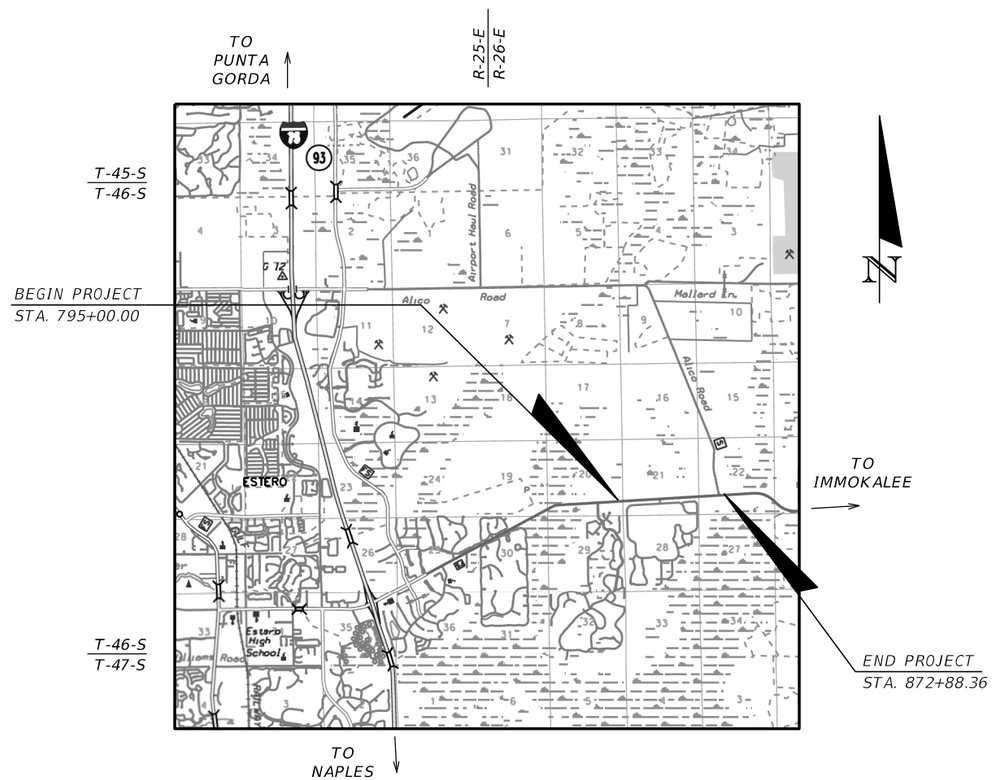
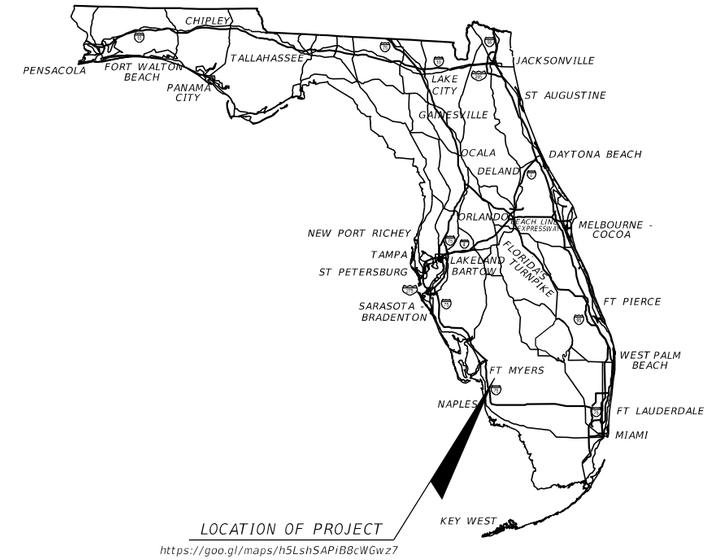
59 - 91	CROSS SECTIONS - CORKSCREW
92 - 94	CROSS SECTIONS - ALICO ROAD
95 - 96	STORMWATER POLLUTION PREVENTION PLANS
TC-1 - TC-3	TRAFFIC CONTROL





LOCATION OF PROJECT

https://goo.gl/maps/h5LshSAPiB8cWGwz7

GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY2019-20 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

Standard Plans for Road Construction and associated IRs are available at the following website: http://www.fdot.gov/design/standardplans

Standard Plans for Bridge Construction are included in the Structures Plans Component

GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, July 2019 Standard Specifications for Road and Bridge Construction at the following website: http://www.fdot.gov/programmanagement/Implemented/SpecBooks

JOHNSON ENGINEERING

ROADWAY PLANS ENGINEER OF RECORD:

RYAN K. BELL, P.E.
P.E. NO.: 60010
JOHNSON ENGINEERING, INC.
2122 JOHNSON STREET
FORT MYERS, FLORIDA 33901
CONTRACT NO.:
VENDOR NO.:
CERTIFICATE OF AUTHORIZATION NO.: 642

LEE COUNTY PROJECT MANAGER:

TOM MARQUARDT, P.E.

60% SUBMITTAL
OCTOBER 2020

CONSTRUCTION CONTRACT NO.	FISCAL YEAR	SHEET NO.
	19	1

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF PAY ITEMS

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY
101-1	MOBILIZATION	LS	
102-1	MAINTENANCE OF TRAFFIC	LS	
104-10-3	SEDIMENT BARRIERS - SILT FENCE	LF	
104-18	INLET PROTECTION SYSTEM	EA	
110-1-1	CLEARING & GRUBBING (38.60 ACRES)	LS	
120-1	EXCAVATION	CY	
120-6	EMBANKMENT	CY	
160-4	TYPE B STABILIZATION	SY	
285-7-04	OPTIONAL BASE, BASE GROUP 04	SY	
285-7-10	OPTIONAL BASE, BASE GROUP 10	SY	
327-70-6	MILLING EXIST ASPH PAVT, 1 1/2" AVG DEPTH	SY	
334-12	SUPERPAVE ASPHALTIC CONC, TRAFFIC C	TN	
334-13	SUPERPAVE ASPHALTIC CONC, TRAFFIC B	TN	
337-7-82	ASPHALT CONCRETE FRICTION COURSE,TRAFFIC C, FC-9.5, PG 76-22	TN	
339-1	MISCELLANEOUS ASPHALT PAVEMENT	TN	
400-1-11	CONCRETE CLASS I, RETAINING WALL	CY	
400-1-2	CONCRETE CLASS I, ENDWALL	CY	
425-1-361	INLETS, CURB, TYPE P-6, <10'	EA	
425-1-461	INLETS, CURB, TYPE J-6, <10'	EA	
425-1-521	INLETS, DT BOT, TYPE C,<10'	EA	
425-1-549	INLETS, DT BOT, TYPE D, MODIFY	EA	
425-2-61	MANHOLES, P-8, <10'	EA	
425-2-91	MANHOLES, J-8, <10'	EA	
425-3-61	JUNCTION BOXES, J-7, <10'	EA	
430-175-118	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 18"S/CD	LF	
430-175-124	PIPE CULVERT,OPTIONAL MATERIAL,ROUND, 24"S/CD	LF	
430-175-130	PIPE CULVERT, OPT MATERIAL, ROUND, 30"S/CD	LF	
430-175-136	PIPE CULVERT, OPT MATERIAL, ROUND, 36"S/CD	LF	
430-175-142	PIPE CULVERT, OPT MATERIAL, ROUND, 42"S/CD	LF	
430-175-148	PIPE CULVERT, OPT MATERIAL, ROUND, 48"S/CD	LF	
430-175-160	PIPE CULVERT, OPT MATERIAL, ROUND, 60"S/CD	LF	
430-175-224	PIPE CULVERT,OPTIONAL MATERIAL,OTHER SHAPE-ELIP/ARCH, 24"S/CD	LF	
430-175-236	PIPE CULVERT, OPT MATERIAL, OTHER SHAPE - ELIP/ARCH, 36"S/CD	LF	
430-982-629	MITERED END SECTION, OPTIONAL - ELLIPTICAL / ARCH, 24" CD	LF	
430-982-638	MITERED END SECTION, OPTIONAL - ELLIPTICAL / ARCH, 36" CD	LF	
520-1-10	CONCRETE CURB & GUTTER, TYPE F	LF	
520-1-7	CONCRETE CURB & GUTTER, TYPE E	LF	
520-3	VALLEY GUTTER- CONCRETE	LF	
522-2	CONCRETE SIDEWALK AND DRIVEWAYS, 6" THICK	SY	
527-1	DETECTABLE WARNING SURFACE	SF	
530-3-4	RIPRAP, RUBBLE, F&I, DITCH LINING	TN	

SUMMARY OF PAY ITEMS (CONTINUED)

PAY ITEM NO.	DESCRIPTION	UNIT	QUANTITY
536-1-1	GUARDRAIL -ROADWAY, GENERAL TL-3	LF	
536-85-20	GUARDRAIL END TREATMENT - TRAILING ANCHORAGE	EA	
536-85-24	GUARDRAIL END TREATMENT - PARALLEL APPROACH TERMINAL	EA	
550-10-220	FENCING, TYPE B, 5.1-6.0', STANDARD	LF	
550-60-213	FENCE GATE, TYPE B, SINGLE, 12.1-18.0' OPENING	EA	
550-60-226	FENCE GATE , TYPE B, DOUBLE, 24.1-30.0' OPENING	EA	
570-1-2	PERFORMANCE TURF, SOD	SY	

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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 PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

SUMMARY OF PAY ITEMS

SHEET NO. 3

RYAN K. BELL
LICENSE
No 60010
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY

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JOHNSON ENGINEERING, INC.
2122 JOHNSON STREET
FORT MYERS, FLORIDA 33902
CERTIFICATE OF AUTHORIZATION: 00642
RYAN K. BELL, P.E. NO. 60010

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

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95 - 96	STORMWATER POLLUTION PREVENTION PLANS

GEORGE R. BRINSON, JR.
LICENSE
No 47607
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

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DAVID DOUGLAS ASSOCIATES, INC.
1821 VICTORIA AVENUE
FORT MYERS, FLORIDA 33901
CERTIFICATE OF AUTHORIZATION: 7568
GEORGE R. BRINSON, JR., P.E. NO. 47607

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

SHEET NO.	SHEET DESCRIPTION
TC-1 - TC-3	TRAFFIC CONTROL

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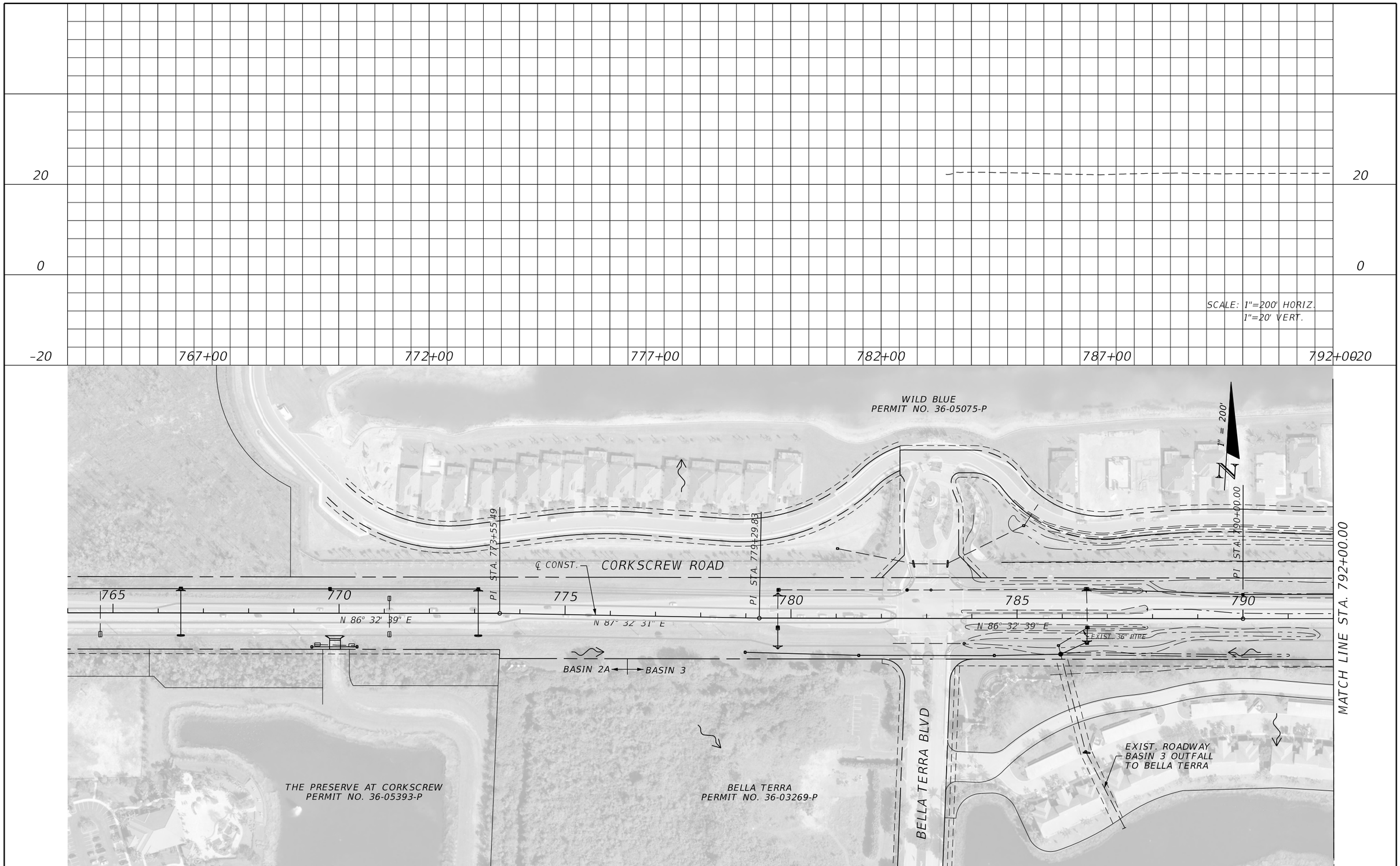

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REVISIONS			
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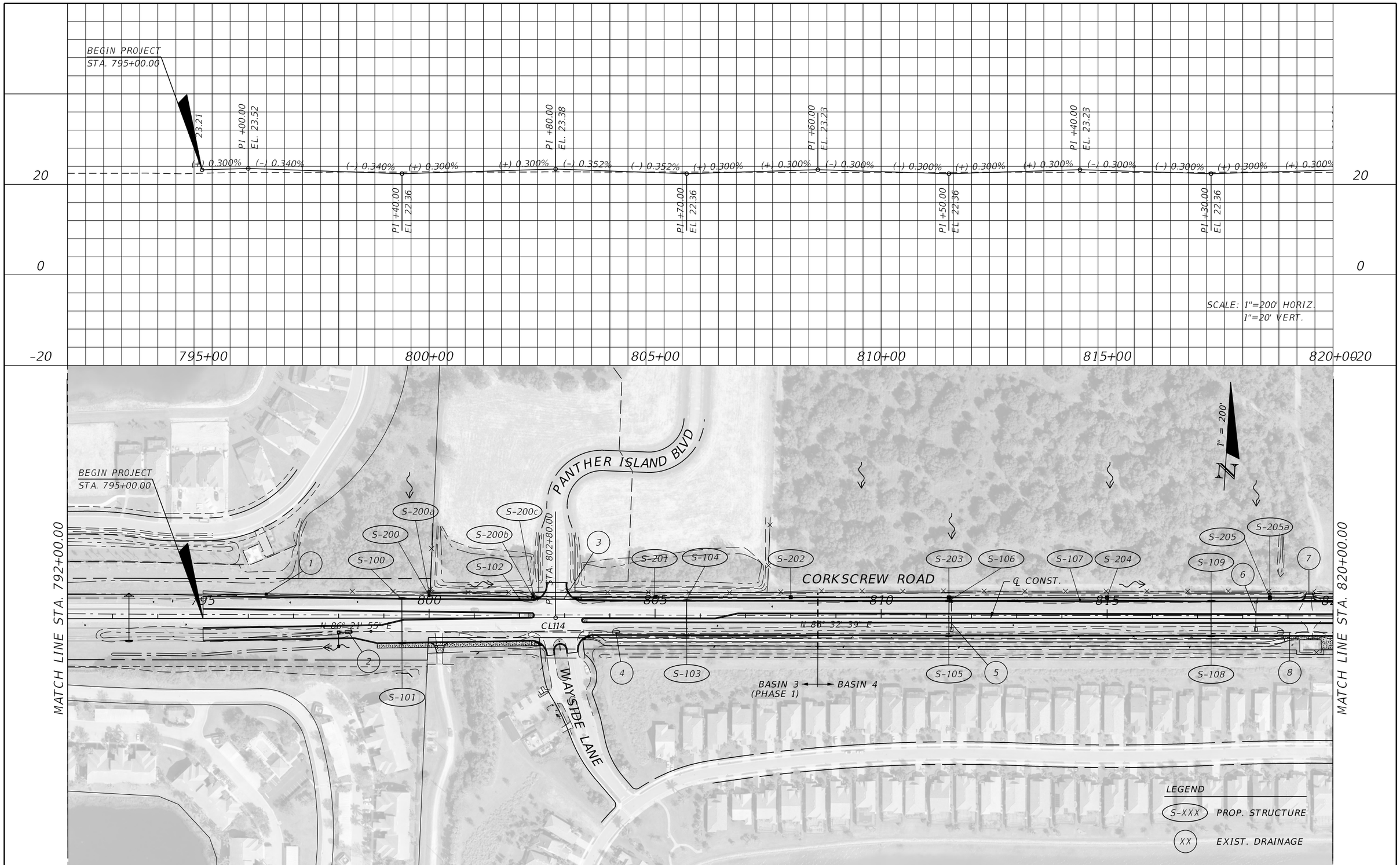
JOHNSON ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

DRAINAGE MAP

SHEET NO.
4



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

LEE COUNTY PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

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	LEE	20192030-000

DRAINAGE MAP

SHEET NO. 5

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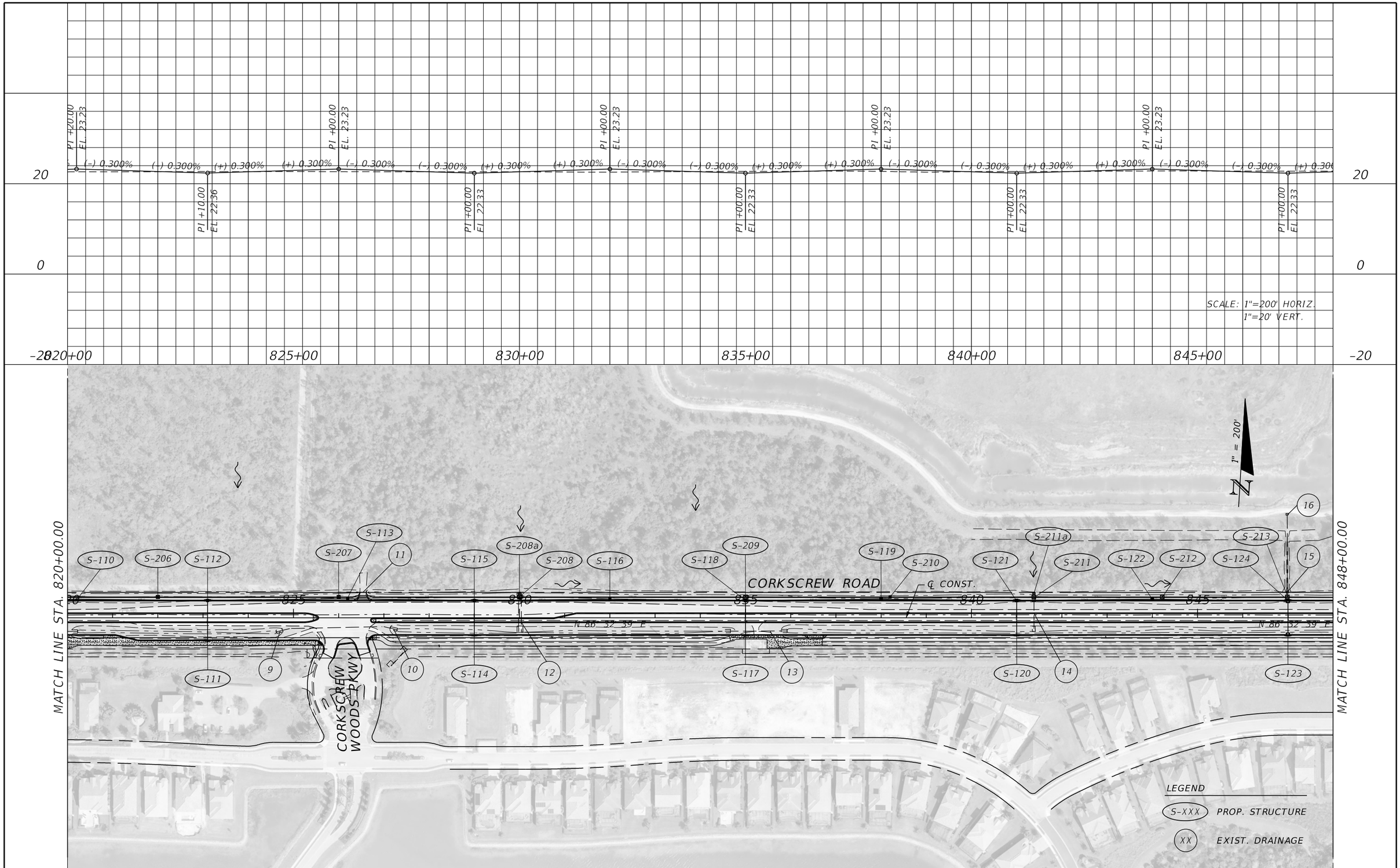

REVISIONS			
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2122 JOHNSON STREET
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EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY PUBLIC WORKS
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	LEE	20192030-000

DRAINAGE MAP

SHEET NO. 6

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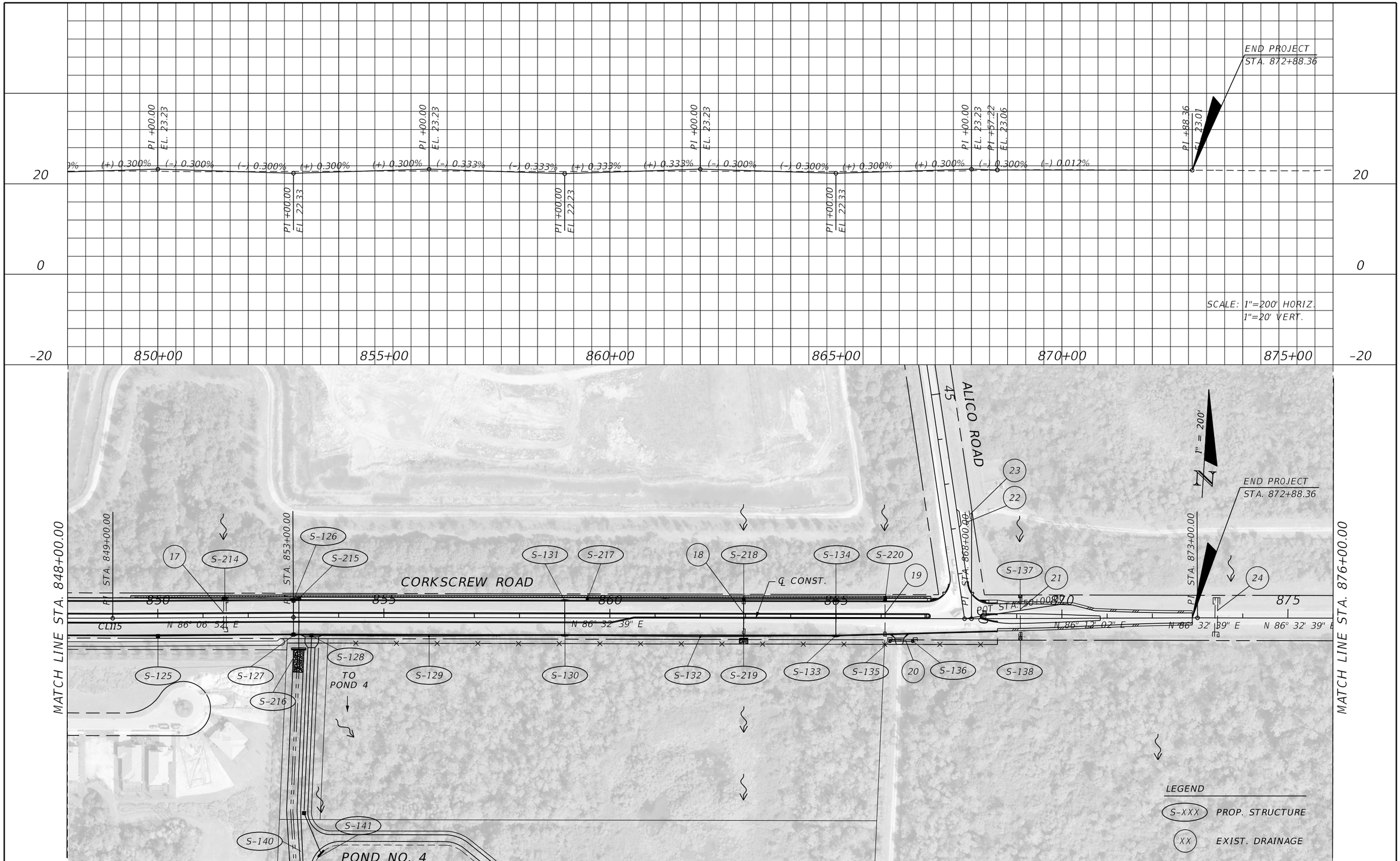

REVISIONS			
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JOHNSON ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

DRAINAGE MAP

SHEET NO. 7

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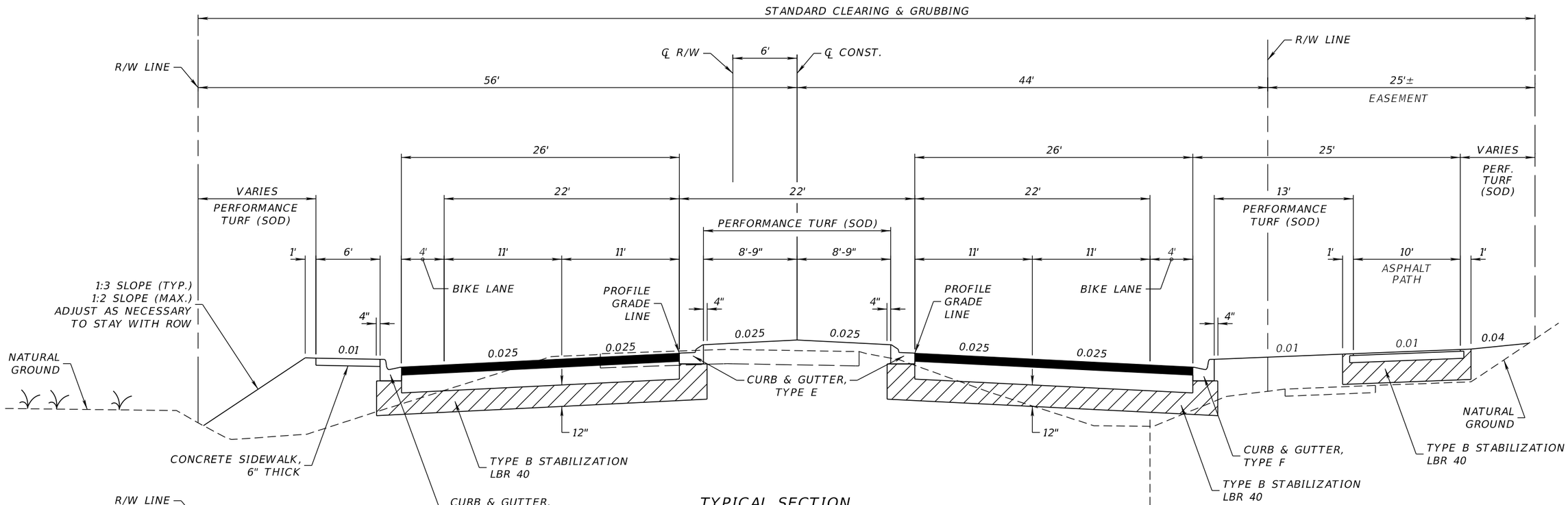
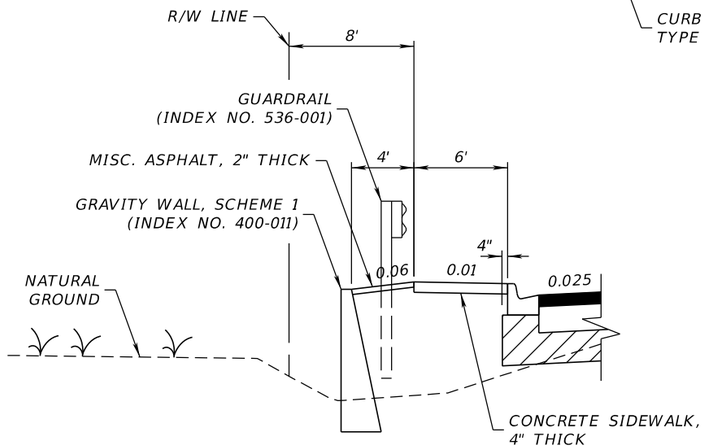
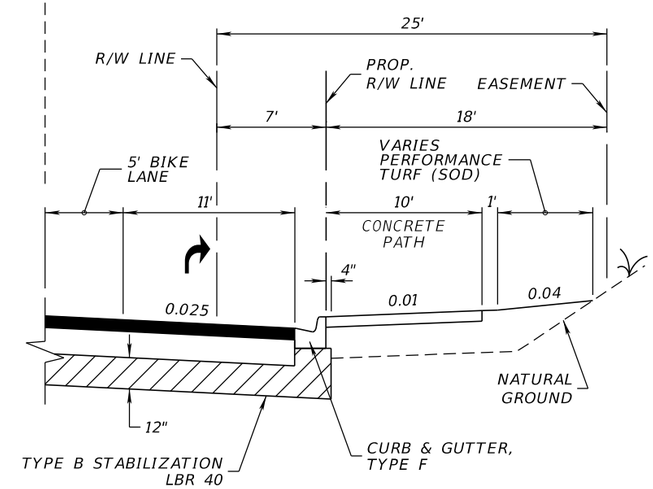


TYPICAL SECTION
CORKSCREW ROAD
STA. 795+00.00 TO STA. 852+80.00



GRAVITY WALL W/ GUARDRAIL DETAIL
STA. 849+50.00 TO STA. 867+00.00



EASTBOUND
RIGHT TURN LANE DETAIL

TRAFFIC DATA

CURRENT YEAR = 2019 AADT =
ESTIMATED OPENING YEAR = AADT =
ESTIMATED DESIGN YEAR = AADT =
K = % D = % T = % (24 HOUR)
DESIGN HOUR T = %
DESIGN SPEED = 45 MPH

NEW CONSTRUCTION

OPTIONAL BASE GROUP 10 WITH
TYPE SP-12.5 STRUCTURAL COURSE (TRAFFIC C) (3")
AND FRICTION COURSE FC-9.5 (1 ½") (PG 76-22)

PATH

OPTIONAL BASE GROUP 4 WITH
TYPE SP STRUCTURAL COURSE (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 PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

TYPICAL SECTION

SHEET NO. 8

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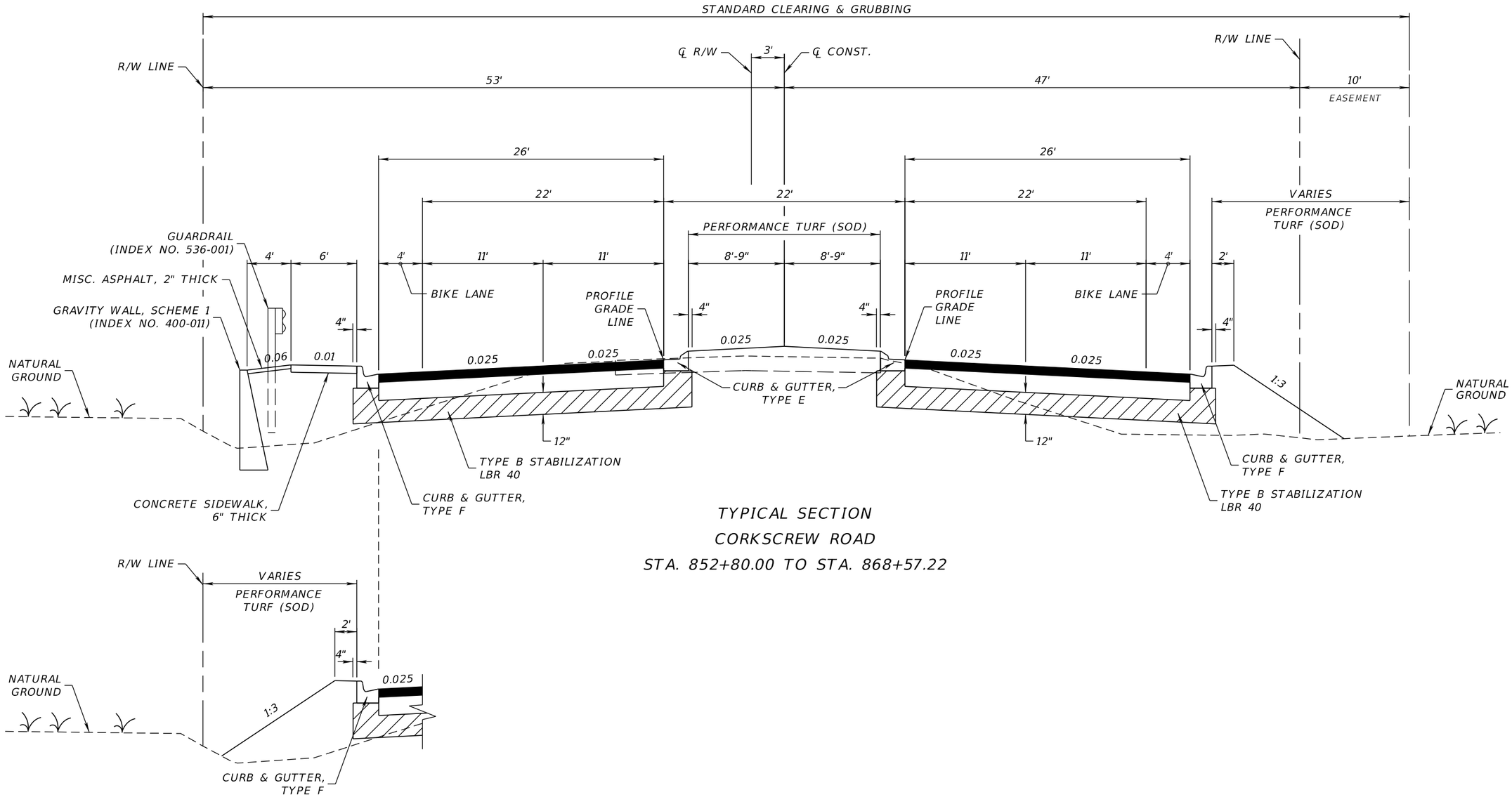

TYPICAL SECTION
CORKSCREW ROAD
STA. 852+80.00 TO STA. 868+57.22

STA. 867+90.49 TO STA. 868+57.22

TRAFFIC DATA

CURRENT YEAR = 2019 AADT =
ESTIMATED OPENING YEAR = AADT =
ESTIMATED DESIGN YEAR = AADT =
K = % D = % T = % (24 HOUR)
DESIGN HOUR T = %
DESIGN SPEED = 45 MPH

NEW CONSTRUCTION

OPTIONAL BASE GROUP 10 WITH
TYPE SP-12.5 STRUCTURAL COURSE (TRAFFIC C) (3")
AND FRICTION COURSE FC-9.5 (1 ½") (PG 76-22)

PATH

OPTIONAL BASE GROUP 4 WITH
TYPE SP STRUCTURAL COURSE (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 PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

TYPICAL SECTION

SHEET NO. 9

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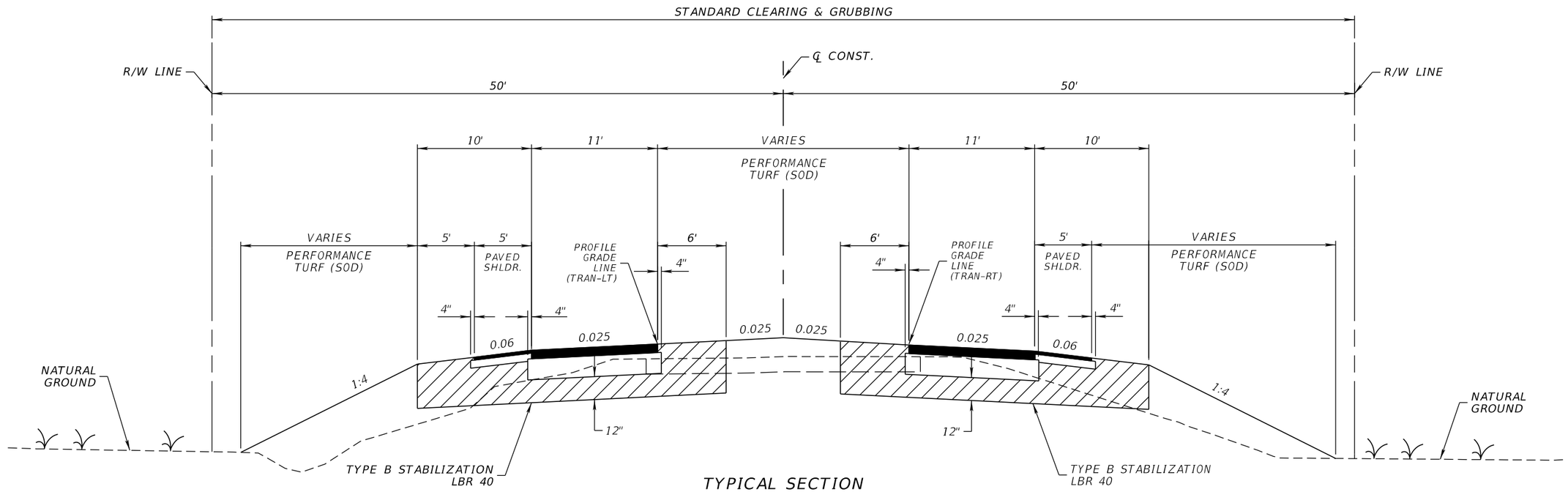

TYPICAL SECTION
CORKSCREW ROAD
STA. 868+57.22 TO STA. 872+88.36

NEW CONSTRUCTION (TRANSITION)

OPTIONAL BASE GROUP 10 WITH
TYPE SP-12.5 STRUCTURAL COURSE (TRAFFIC C) (3")
AND FRICTION COURSE FC-9.5 (1 ½") (PG 76-22)

SHOULDER PAVEMENT

OPTIONAL BASE GROUP 4 WITH
FRICTION COURSE FC-9.5 (TRAFFIC C) (1 ½") (PG 76-22)

TRAFFIC DATA

CURRENT YEAR = 2019 AADT =
ESTIMATED OPENING YEAR = AADT =
ESTIMATED DESIGN YEAR = AADT =
K = % D = % T = % (24 HOUR)
DESIGN HOUR T = %
DESIGN SPEED = 45 MPH

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 PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

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	LEE	20192030-000

TYPICAL SECTION

SHEET NO. 10

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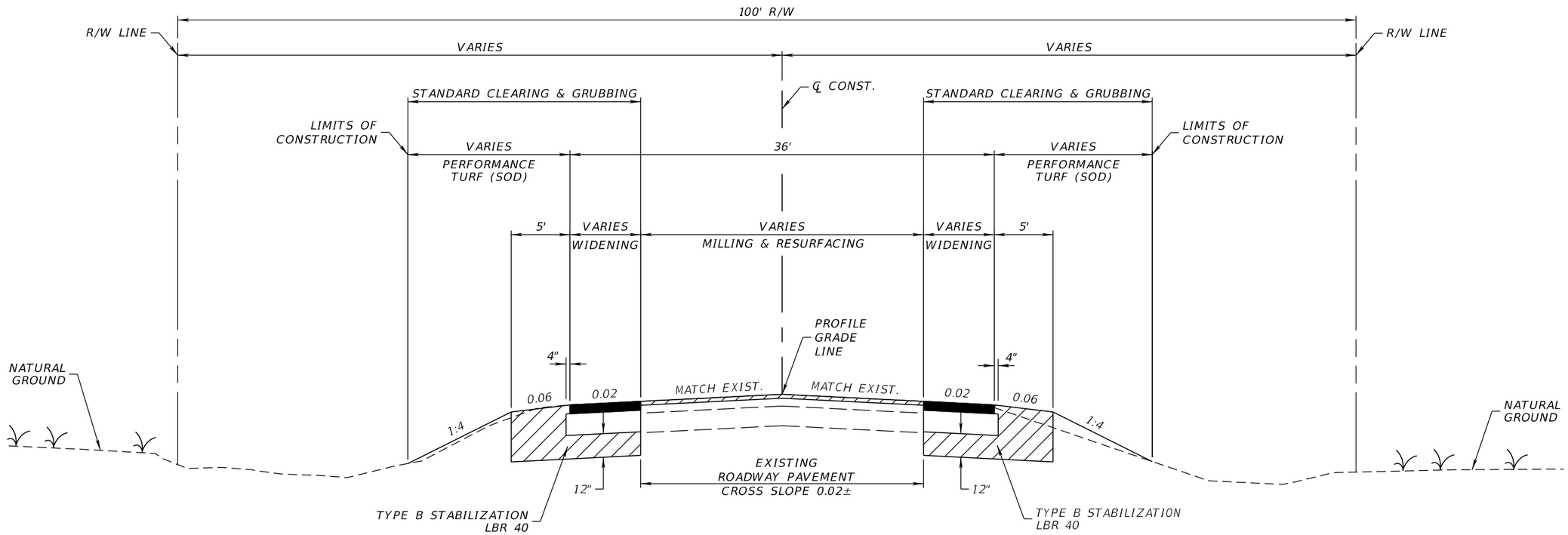

TYPICAL SECTION
ALICO ROAD
STA. 40+41.76 TO STA. 49+20.00

MILLING

MILL EXISTING ASPHALT PAVEMENT FOR DEPTH (1 ½")

RESURFACING

FRICTION COURSE FC-9.5 (TRAFFIC C) (1 ½") (PG 76-22)

WIDENING

OPTIONAL BASE GROUP 10 WITH
TYPE SP-12.5 STRUCTURAL COURSE (TRAFFIC C) (3")
AND FRICTION COURSE FC-9.5 (1 ½") (PG 76-22)

TRAFFIC DATA

CURRENT YEAR = 2019 AADT =
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ESTIMATED DESIGN YEAR = AADT =
K = % D = % T = % (24 HOUR)
DESIGN HOUR T = %
DESIGN SPEED = 45 MPH

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 PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

TYPICAL SECTION

SHEET NO. 11

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QUANTITY	STR. NO.	STATION	SIDE	DESCRIPTION	BARRELS	STORM DRAIN OPTIONAL MATERIAL									CURB INLETS		MANHOLES		DITCH BOTTOM INLETS		MITERED END SECTION		CLASS I CONCRETE	REMARKS
						ROUND							ELLIPSE		P-6	J-6	P-8	J-8	C	D	ELLIPSE			
						18"	24"	30"	36"	42"	48"	60"	19"x30"	29"x45"	<10'	<10'	<10'	<10'	<10'	<10'	19"x30"	29"x45"	CY	
P	S-100	799+40.00	LT.	Inlet, Pipe	1																			
F																								
P	S-101	799+40.00	RT.	Inlet, Pipe	1																			
F																								
P	S-102	802+00.00	LT.	Manhole, Pipe	1																			
F																								
P	S-103	805+70.00	RT.	Inlet, Pipe	1																			
F																								
P	S-104	805+70.00	LT.	Inlet, Pipe	1																			
F																								
P	S-105	811+50.00	RT.	Inlet, Pipe	1																			
F																								
P	S-106	811+50.00	LT.	Inlet, Pipe	1																			
F																								
P	S-107	814+40.00	LT.	Manhole, Pipe	1																			
F																								
P	S-108	817+30.00	RT.	Inlet, Pipe	1																			
F																								
P	S-109	817+30.00	LT.	Inlet, Pipe	1																			
F																								
P	S-110	820+20.00	LT.	Manhole, Pipe	1																			
F																								
P	S-111	823+10.00	RT.	Inlet, Pipe	1																			
F																								
P	S-112	823+10.00	LT.	Inlet, Pipe	1																			
F																								
P	S-113	826+20.00	LT.	Manhole, Pipe	1																			
F																								
P	S-114	829+00.00	RT.	Inlet, Pipe	1																			
F																								
P	S-115	829+00.00	LT.	Inlet, Pipe	1																			
F																								
P	S-116	832+00.00	LT.	Manhole, Pipe	1																			
F																								
P	S-117	835+00.00	RT.	Inlet, Pipe	1																			
F																								
P	S-118	835+00.00	LT.	Inlet, Pipe	1																			
F																								
P	S-119	838+00.00	LT.	Manhole, Pipe	1																			
F																								
P	S-120	841+00.00	RT.	Inlet, Pipe	1																			
F																								
P	S-121	841+00.00	LT.	Inlet, Pipe	1																			
F																								
P	S-122	844+00.00	LT.	Manhole, Pipe	1																			
F																								
P	S-123	847+00.00	RT.	Inlet, Pipe	1																			
F																								
P	S-124	847+00.00	LT.	Inlet																				
F																								
P	S-125	850+00.00	RT.	Manhole, Pipe	1																			
F																								
P	S-126	853+00.00	LT.	Inlet																				
F																								
P	S-127	853+00.14	RT.	Inlet, Pipe	1																			
F																								
P	S-128	853+40.00	RT.	Manhole, Pipe	1																			
F																								
P	S-129	856+00.00	RT.	Manhole, Pipe	1																			
F																								
P	S-130	859+00.00	RT.	Inlet, Pipe	1																			
F																								
P	S-131	859+00.00	LT.	Inlet																				
F																								
P	S-132	862+00.00	RT.	Manhole, Pipe	1																			
F																								
P	S-133	865+00.00	RT.	Inlet, Pipe	1																			
F																								
P	S-134	865+00.00	LT.	Inlet																				
F																								
Sheet Summary				P Total		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
				F Total		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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 PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 12

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

QUANTITY	STR. NO.	STATION	SIDE	DESCRIPTION	BARRELS	STORM DRAIN OPTIONAL MATERIAL ROUND 18"	24"	30"	36"	42"	48"	60"	ELLIPSE 19"x30"	29"x45"	CURB INLETS P-6 <10'	J-6 <10'	MANHOLES P-8 <10'	J-8 <10'	DITCH BOTTOM INLETS C <10'	D <10'	MITERED END SECTION ELLIPSE 19"x30"	29"x45"	CLASS I CONCRETE CY	REMARKS
P	S-135	866+20.00	RT.	Inlet, Pipe	1																			
F																								
P	S-136	866+70.00	RT.	Inlet																				
F																								
P	S-137	869+07.99	LT.	Inlet																				
F																								
P	S-138	869+07.99	RT.	Inlet																				
F																								
P	S-140	853+24.04	RT.	Manhole, Pipe	1																			
F																								
P	S-141	853+62.08	RT.	S EW, Pipe	1																			
F																								
P	S-142	860+33.05	RT.	Inlet, Pipe	1																			
F																								
P	S-143	860+64.94	RT.	MES, Pipe	1																			
F																								
P	S-200	800+00.00	LT.	Manhole, Pipe	1																			
F																								
P	S-201	805+00.00	LT.	Manhole, Pipe	1																			
F																								
P	S-202	808+00.00	LT.	Manhole, Pipe	1																			
F																								
P	S-203	811+50.00	LT.	Manhole, Pipe	1																			
F																								
P	S-204	815+00.00	LT.	Manhole, Pipe	1																			
F																								
P	S-205	818+60.00	LT.	Manhole, Pipe	1																			
F																								
P	S-206	822+00.00	LT.	Manhole, Pipe	1																			
F																								
P	S-207	826+00.00	LT.	Manhole, Pipe	1																			
F																								
P	S-208	830+00.00	LT.	Manhole, Pipe	1																			
F																								
P	S-209	835+00.00	LT.	Manhole, Pipe	1																			
F																								
P	S-210	838+20.00	LT.	Manhole, Pipe	1																			
F																								
P	S-211	841+38.00	LT.	Manhole, Pipe	1																			
F																								
P	S-212	844+22.00	LT.	Manhole, Pipe	1																			
F																								
P	S-213	846+98.80	LT.	Manhole, Pipe	1																			
F																								
P	S-214	851+48.00	LT.	Manhole, Pipe	1																			
F																								
P	S-215	853+11.75	LT.	Manhole, Pipe	1																			
F																								
P	S-216	853+11.75	RT.	Manhole, Pipe	1																			
F																								
P	S-217	859+50.00	LT.	Manhole, Pipe	1																			
F																								
P	S-218	862+96.00	LT.	Manhole, Pipe	1																			
F																								
P	S-219	862+96.00	RT.	S EW, Pipe	1																			
F																								
P	S-220	866+09.00	LT.	Manhole, Pipe	1																			
F																								
P	S-200a	800+00.00	LT.	Manhole, Pipe	1																			
F																								
P	S-200b	802+30.00	LT.	Manhole, Pipe	1																			
F																								
P	S-200c	802+30.00	LT.	Manhole, Pipe	1																			
F																								
P	S-205a	818+60.00	LT.	MES, Pipe	1																			
F																								
P	S-208a	830+00.00	LT.	MES, Pipe	1																			
F																								
P	S-211a	841+38.00	LT.	MES, Pipe	1																			
F																								
Sheet Summary				P Total		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
				F Total		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

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

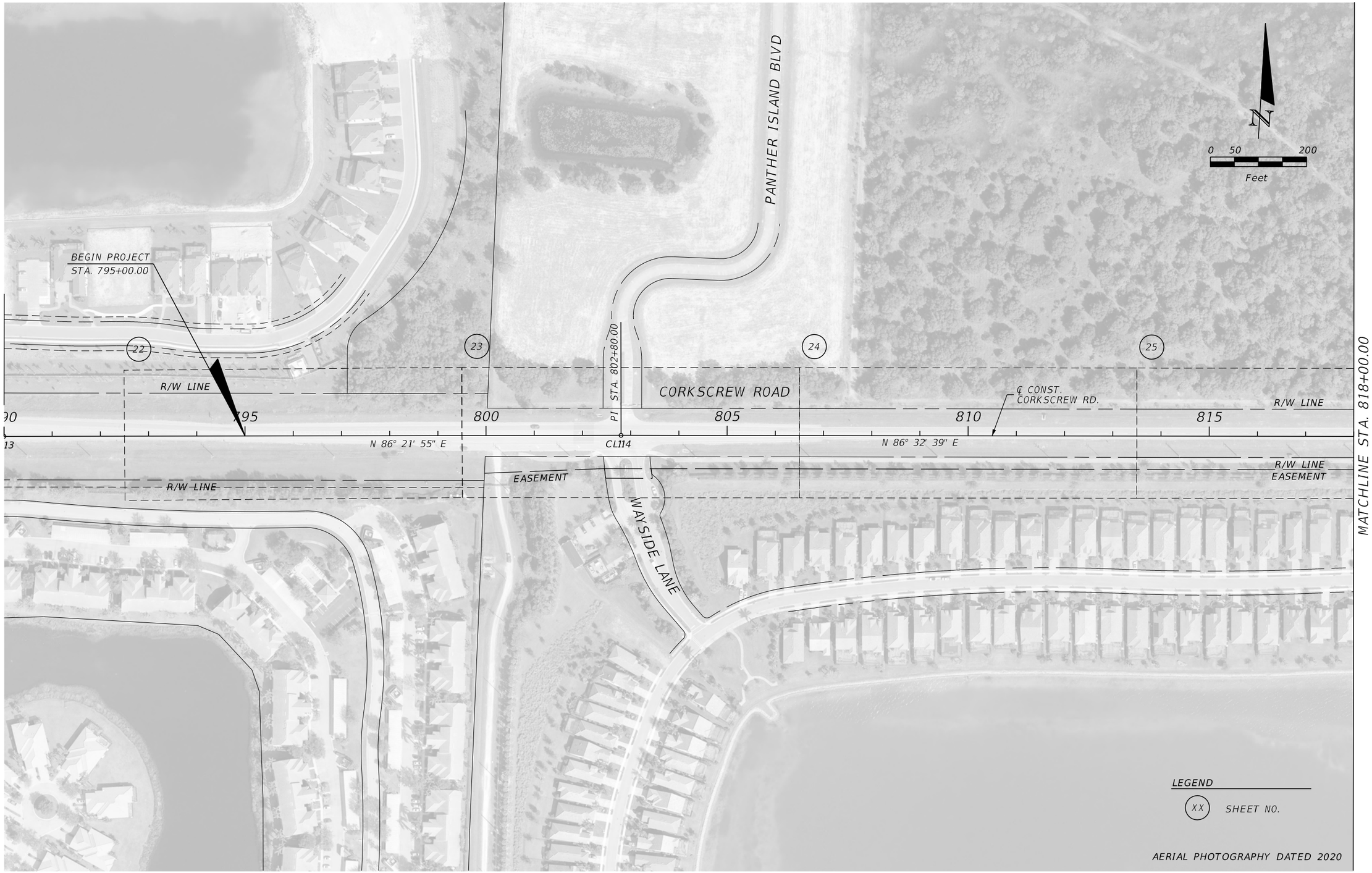
LEE COUNTY PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

SUMMARY OF DRAINAGE STRUCTURES

SHEET NO. 13

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



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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 PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

PROJECT LAYOUT

SHEET NO.
14

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

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 PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

PROJECT LAYOUT

SHEET NO.
15

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

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 PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

PROJECT LAYOUT

SHEET NO. 16

℄ CONST. CORKSCREW ROAD (HORIZONTAL CONTROL)

ALIGNMENT	POINT	CONTROL	STATION	CURVE	COORDINATES	
					NORTHING (Y)	EASTING (X)
CORKSCREW ROAD	CL99	POT	629+00.00		763915.79	730684.06
CORKSCREW ROAD	CL100	POT	636+73.28		764281.49	731365.39
CORKSCREW ROAD	CL101	PC	644+99.12	CURVE-1	764672.05	732093.04
CORKSCREW ROAD	CL102	PRC	651+91.99	CURVE-1/ CURVE-2	764986.42	732710.43
CORKSCREW ROAD	CL103	PT	658+84.87	CURVE-2	765300.78	733327.83
CORKSCREW ROAD	CL104	PC	682+64.17	CURVE-3	766418.15	735428.45
CORKSCREW ROAD	CL105	PRC	689+70.64	CURVE-3/ CURVE-4	766781.83	736034.39
CORKSCREW ROAD	CL106	PT	696+78.37	CURVE-4	767138.24	736645.66
CORKSCREW ROAD	CL107	POT	644+99.12		768188.67	738603.29
CORKSCREW ROAD	CL108	POT	651+91.99		768770.98	739711.77
CORKSCREW ROAD	CL109	PC	747+73.14	CURVE-5	769537.41	741140.12
CORKSCREW ROAD	CL110	PT	758+79.24	CURVE-5	769828.79	742167.34
CORKSCREW ROAD	CL111	POT	773+55.49		769919.59	743670.86
CORKSCREW ROAD	CL112	POT	779+29.83		769944.22	744244.67
CORKSCREW ROAD	CL113	POT	790+00.00		770008.73	745312.89
CORKSCREW ROAD	CL114	POT	800+00.00		770078.99	746310.42
CORKSCREW ROAD	CL115	POT	892+10.64		770634.19	755504.28

℄ CONST. ALICO ROAD (HORIZONTAL CONTROL)

ALIGNMENT	POINT	CONTROL	STATION	CURVE	COORDINATES	
					NORTHING (Y)	EASTING (X)
BEN H. GRIFFIN PKWY	CL116	POT	50+00.00		764281.72	731365.81
	CL117	PC	52+56.01	CURVE-6	764507.29	731244.74
	CL118	PT	59+72.04	CURVE-6	765186.25	731030.88

BL CONST. TRANSITION LEFT (HORIZONTAL CONTROL)

ALIGNMENT	POINT	CONTROL	STATION	CURVE	COORDINATES	
					NORTHING (Y)	EASTING (X)
TRANSITION LT	BL100	PC	368+57.22	CURVE-7	770500.66	753154.64
TRANSITION LT	BL101	PT	370+22.88	CURVE-7	770508.21	753320.11
TRANSITION LT	BL102	PC	371+22.88	CURVE-8	770510.70	753420.08
TRANSITION LT	BL103	PT	372+88.54	CURVE-8	770518.25	753585.55

BL CONST. TRANSITION RIGHT (HORIZONTAL CONTROL)

ALIGNMENT	POINT	CONTROL	STATION	CURVE	COORDINATES	
					NORTHING (Y)	EASTING (X)
TRANSITION RT	BL200	PC	468+57.22	CURVE-9	770478.71	753156.09
TRANSITION RT	BL201	PT	470+22.88	CURVE-9	770493.10	753321.11
TRANSITION RT	BL202	PC	471+22.88	CURVE-10	770503.86	753420.53
TRANSITION RT	BL203	PT	472+88.54	CURVE-10	770518.25	753585.55

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REFERENCE POINTS (VERTICAL CONTROL)

POINT	COORDINATES		ELEVATION	℄ CONST.		DESCRIPTION
	NORTHING (Y)	EASTING (X)		STATION	OFFSET	
200	765339.43	731008.14	20.48			SET 1" DIAMETER IRON PIPE WITH ALUMINUM CAP STAMPED "JOHNSON ENGINEERING INC 201 LB642"
201	763957.44	730771.69	20.28			SET 1" DIAMETER IRON PIPE WITH ALUMINUM CAP STAMPED "JOHNSON ENGINEERING INC 201 LB642"
202	764328.59	731452.55	20.90			SET 1" DIAMETER IRON PIPE WITH ALUMINUM CAP STAMPED "JOHNSON ENGINEERING INC 202 LB642"
203	764720.68	732175.01	19.95			SET 1" DIAMETER IRON PIPE WITH ALUMINUM CAP STAMPED "JOHNSON ENGINEERING INC 203 LB642"
204	765144.15	733025.20	22.12			SET 1" DIAMETER IRON PIPE WITH ALUMINUM CAP STAMPED "JOHNSON ENGINEERING INC 204 LB642"
205	764772.00	731119.00	18.96			SET MAG NAIL & DISK STAMPED "205 LB642" IN TOP OF CATCH BASIN
206	765606.97	733910.83	22.58			SET 1" DIAMETER IRON PIPE WITH ALUMINUM CAP STAMPED "JOHNSON ENGINEERING INC 206 LB642"
207	766086.00	734789.08	23.12			SET 1" DIAMETER IRON PIPE WITH ALUMINUM CAP STAMPED "JOHNSON ENGINEERING INC 207 LB642"
208	766556.44	735671.63	22.96			SET 1" DIAMETER IRON PIPE WITH ALUMINUM CAP STAMPED "JOHNSON ENGINEERING INC 208 LB642"
209	767072.29	736529.38	23.66			SET 1" DIAMETER IRON PIPE WITH ALUMINUM CAP STAMPED "JOHNSON ENGINEERING INC 209 LB642"
210	767617.44	737541.48	23.09			SET 1" DIAMETER IRON PIPE WITH ALUMINUM CAP STAMPED "JOHNSON ENGINEERING INC 210 LB642"
211	768113.89	738469.40	23.39			SET 1" DIAMETER IRON PIPE WITH ALUMINUM CAP STAMPED "JOHNSON ENGINEERING INC 211 LB642"
212	768627.36	739330.40	21.69			SET 1" DIAMETER IRON PIPE WITH ALUMINUM CAP STAMPED "JOHNSON ENGINEERING INC 212 LB642"
213	769093.90	740214.96	21.60			SET 1" DIAMETER IRON PIPE WITH ALUMINUM CAP STAMPED "JOHNSON ENGINEERING INC 213 LB642"
214	769555.20	741103.07	21.35			SET 1" DIAMETER IRON PIPE WITH ALUMINUM CAP STAMPED "JOHNSON ENGINEERING INC 214 LB642"
215	769776.83	742092.33	21.22			SET 1" DIAMETER IRON PIPE WITH ALUMINUM CAP STAMPED "JOHNSON ENGINEERING INC 215 LB642"
216	769846.12	743092.13	20.33			SET 1" DIAMETER IRON PIPE WITH ALUMINUM CAP STAMPED "JOHNSON ENGINEERING INC 216 LB642"
217	769918.15	744113.22	20.60			SET 1" DIAMETER IRON PIPE WITH ALUMINUM CAP STAMPED "JOHNSON ENGINEERING INC 217 LB642"
218	769966.06	745102.36	21.71			SET 1" DIAMETER IRON PIPE WITH ALUMINUM CAP STAMPED "JOHNSON ENGINEERING INC 218 LB642"
219	770035.38	746145.86	21.72			SET 1" DIAMETER IRON PIPE WITH ALUMINUM CAP STAMPED "JOHNSON ENGINEERING INC 219 LB642"
220	770106.32	747146.87	21.37			SET 1" DIAMETER IRON PIPE WITH ALUMINUM CAP STAMPED "JOHNSON ENGINEERING INC 220 LB642"
221	770162.53	748203.18	21.82			SET 1" DIAMETER IRON PIPE WITH ALUMINUM CAP STAMPED "JOHNSON ENGINEERING INC 221 LB642"
222	770231.61	749206.08	20.92			SET 1" DIAMETER IRON PIPE WITH ALUMINUM CAP STAMPED "JOHNSON ENGINEERING INC 222 LB642"
223	770295.56	750199.53	21.67			SET 1" DIAMETER IRON PIPE WITH ALUMINUM CAP STAMPED "JOHNSON ENGINEERING INC 223 LB642"
224	770349.58	751201.64	20.54			SET 1" DIAMETER IRON PIPE WITH ALUMINUM CAP STAMPED "JOHNSON ENGINEERING INC 224 LB642"
225	770414.55	752215.93	21.72			SET 1" DIAMETER IRON PIPE WITH ALUMINUM CAP STAMPED "JOHNSON ENGINEERING INC 225 LB642"
226	770461.25	753096.51	21.66			SET 1" DIAMETER IRON PIPE WITH ALUMINUM CAP STAMPED "JOHNSON ENGINEERING INC 226 LB642"
227	770510.29	753976.09	19.05			SET 1" DIAMETER IRON PIPE WITH ALUMINUM CAP STAMPED "JOHNSON ENGINEERING INC 227 LB642"
228	771458.95	752922.84	20.85			SET 1" DIAMETER IRON PIPE WITH ALUMINUM CAP STAMPED "JOHNSON ENGINEERING INC 228 LB642"
229	769675.78	743334.38	20.49			SET 1" DIAMETER IRON PIPE WITH ALUMINUM CAP STAMPED "JOHNSON ENGINEERING INC 229 LB642"
230	766268.08	735389.18	22.78			SET 1" DIAMETER IRON PIPE WITH ALUMINUM CAP STAMPED "JOHNSON ENGINEERING INC 230 LB642"
231	764910.10	732388.19	19.46			SET 1" DIAMETER IRON PIPE WITH ALUMINUM CAP STAMPED "JOHNSON ENGINEERING INC 231 LB642"
402	770593.00	754505.00	30.89			FOUND NGS BENCHMARK F779
405	768132.00	738621.00	21.47			FOUND NGS BENCHMARK J779
406	765516.00	733850.00	22.22			FOUND NGS BENCHMARK K779
501	774080.02	752689.79	23.03			FOUND NGS CONTROL POINT 46 26 22 01
600	771948.20	752816.53	21.79			SET 1" DIAMETER IRON PIPE WITH ALUMINUM CAP STAMPED "JOHNSON ENGINEERING INC 600 LB642"
601	772438.22	752715.00	22.82			SET 1" DIAMETER IRON PIPE WITH ALUMINUM CAP STAMPED "JOHNSON ENGINEERING INC 601 LB642"
602	773440.35	752767.33	22.58			SET 1" DIAMETER IRON PIPE WITH ALUMINUM CAP STAMPED "JOHNSON ENGINEERING INC 602 LB642"
603	773689.13	752759.63	24.96			SET 1" DIAMETER IRON PIPE WITH ALUMINUM CAP STAMPED "JOHNSON ENGINEERING INC 603 LB642"
604	773359.12	752830.15	23.12			SET 1" DIAMETER IRON PIPE WITH ALUMINUM CAP STAMPED "JOHNSON ENGINEERING INC 604 LB642"
605	773055.00	752764.00	23.93			SET PK NAIL & DISK STAMPED "BM 25" IN WEST FACE OF WOOD POWER POLE.
10009	764378.00	731756.00	19.34			SET PK NAIL & DISK STAMPED "BM 1" IN NORTH FACE OF WOOD POWER POLE
10010	764874.00	732678.00	19.65			SET PK NAIL & DISK STAMPED "BM 2" IN NORTH FACE OF WOOD POWER POLE
10012	765805.00	734414.00	21.77			SET PK NAIL & DISK STAMPED "BM 3" IN NORTH FACE OF WOOD POWER POLE
10013	766332.00	735226.00	22.44			SET PK NAIL & DISK STAMPED "BM 4" IN SOUTH EDGE OF PAVEMENT
10014	766805.00	736212.00	20.99			SET PK NAIL & DISK STAMPED "BM 5" IN EDGE OF PAVEMENT
10015	767231.00	736967.00	19.66			SET PK NAIL & DISK STAMPED "BM 6" IN NORTH FACE OF WOOD POWER POLE
10016	767790.00	737967.00	20.03			SET PK NAIL & DISK STAMPED "BM 7" IN TOP OF CONCRETE CATCH BASIN
10017	768331.00	739015.00	20.64			SET PK NAIL & DISK STAMPED "BM 8" IN NORTH FACE OF WOOD POWER POLE
10018	768782.00	739854.00	20.14			BM 9 - SET BOAT SPIKE IN N FACE OF WOOD POWER POLE
10019	769334.00	740656.00	22.05			SET MAG NAIL & DISK STAMPED "BM 10" IN TOP OF CURBING
10020	769772.00	741525.00	23.83			SET MAG NAIL & DISK STAMPED " BM 11" IN SOUTH FACE OF WOOD ANCHOR POLE
10021	769810.00	742545.00	21.75			SET MAG NAIL & DISK STAMPED "BM 12" IN CONCRETE WALK
10022	769876.00	743731.00	20.53			SET MAG NAIL & DISK STAMPED "BM 13" IN NORTH FACE OF WOOD POWER POLE

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REFERENCE POINTS (VERTICAL CONTROL)

POINT	COORDINATES		ELEVATION	℄ CONST.		DESCRIPTION
	NORTHING (Y)	EASTING (X)		STATION	OFFSET	
10023	769918.00	744672.00	21.84			SET MAG NAIL & DISK STAMPED "BM 14" IN SW CORNER OF CONCRETE SLAB FOR TRAFFIC SIGNAL
10024	769996.00	745748.00	20.66			SET MAG NAIL & DISK STAMPED "BM 15" IN NORTH FACE OF FACE CONCRETE POWER POLE"
10025	770053.00	746642.00	21.92			SET MAG NAIL & DISK STAMPED "BM 16" IN EDGE OF PAVEMENT
10026	770108.00	747584.00	22.23			SET MAG NAIL & DISK STAMPED "BM 17" IN NORTH FACE OF WOOD POWER POLE
10027	770170.00	748704.00	21.29			SET MAG NAIL & DISK STAMPED "BM 18" IN NORTH EDGE OF ASPHALT WALK
10028	770253.00	749773.00	21.83			SET MAG NAIL & DISK STAMPED "BM 19" IN CONCRETE MITERED END SECTION
10029	770299.00	750728.00	22.81			SET PK NAIL & DISK STAMPED "BM 20" IN NORTH FACE OF CONCRETE POWER POLE
10030	770356.00	751690.00	21.33			FOUND MAG NAIL & DISK STAMPED "PCP LB6690 BM21" IN NORTH FACE OF WOOD POWER POLE
10031	770414.00	752652.00	20.62			SET MAG NAIL & DISK STAMPED "BM 22" IN NORTH FACE OF WOOD POWER POLE
10032	770471.00	753527.00	21.58			SET PK NAIL & DISK STAMPED "BM 23" IN NORTH FACE OF FACE WOOD POWER POLE
10033	771156.00	752991.00	21.65			SET PK NAIL & DISK STAMPED "BM 24" IN WEST FACE OF WOOD POWER POLE

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ROADWAY GENERAL NOTES

1. BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE BASED ON NATIONAL GEODETIC VERTICAL DATUM (NGVD 1929).

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 BOXES 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
CENTURYLINK	BILL McCLOUD	(805) 599-1444
COMCAST	LEONARD MAXWELL-NEWBOLD	(754) 221-1254
FLORIDA POWER & LIGHT	JOEL BRAY	(386) 586-6403
LEE COUNTY SIGNAL DEPARTMENT	TOM WATTS	(239) 964-7600 EXT. 4126
LEE COUNTY IRRIGATION	JOW SULAK	(239) 533-9400
LEE COUNTY UTILITIE	STERRY KELLEY	(239) 479-8181
CROWN CASTLE	NGFIBERDIG TEAM	(888) 632-0931 EXT. 2
TECO GAS - FORT MYERS	JOAN DOMNING	(813) 275-3783

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 ITEMS.

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 MAY EXTEND INTO THE STABILIZED PORTION OF THE ROADBED AND EXTREME CAUTION WILL BE NECESSARY IN STABILIZATION AT THESE LOCATIONS. PRE-MIXED MATERIAL OR LIMEROCK IN LIEU OF IS SUGGESTED IN THESE AREAS.

23. STATION/OFFSETS SHOWN FOR MITERED END SECTIONS ARE TO THE END OF THE STRUCTURE AT THE CENTERLINE OF THE PIPE

24. FOR CURB INLETS WITHIN OR ADJACENT TO PROPOSED SHARED USE PATH OR SIDEWALK THE 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.

25. CONTRACTOR SHALL REPLACE ANY EXISTING SIDE STREET MARKINGS OBLITERATED DURING CONSTRUCTION.

26. ALL PROPOSED PIPE WITHIN THE RIGHT-OF-WAY SHALL BE REINFORCED CONCRETE PIPE (RCP/ERCP).

27. 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.

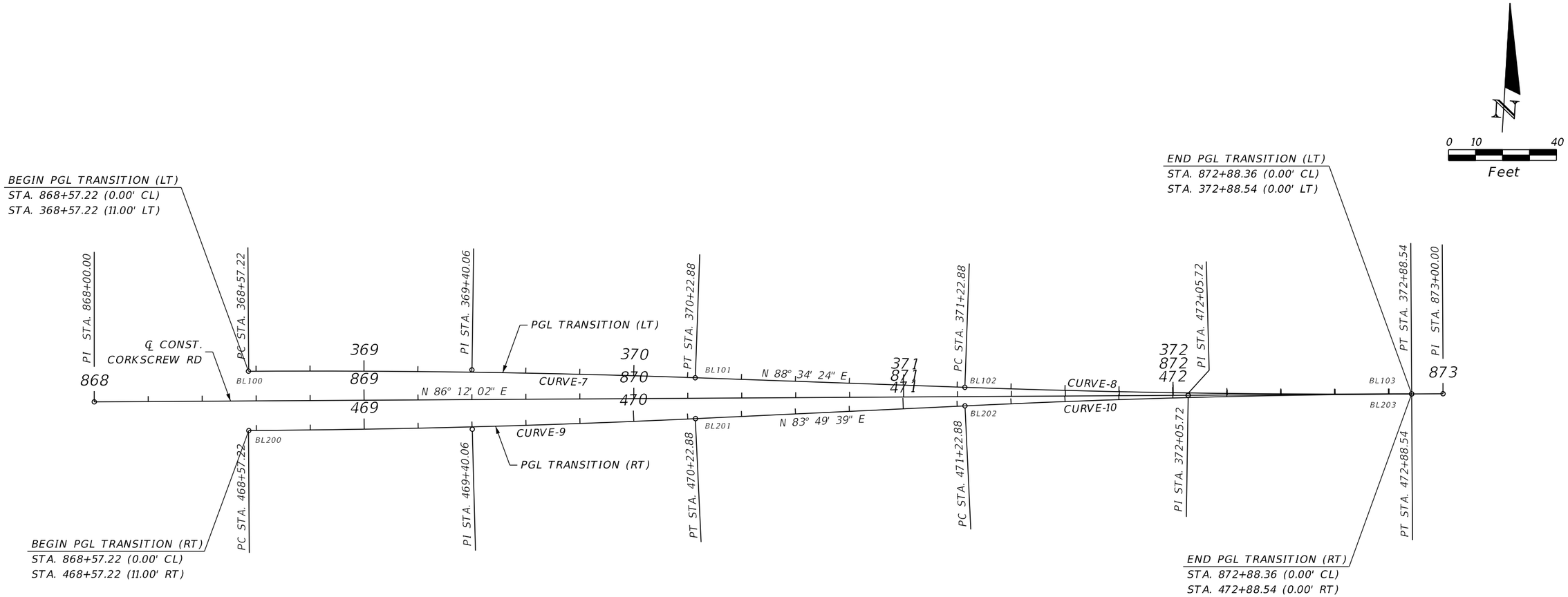
28. EXISTING DRIVEWAYS WITHIN THE LIMITS OF THIS PROJECT ARE TO BE REPLACED AT THE SAME LOCATION AND WIDTH, UNLESS OTHERWISE SHOWN IN THE PLANS.

29. CONTRACTOR TO NOTIFY COUNTY IMMEDIATELY IF UNSUITABLE SUBSOIL CONDITIONS ARE ENCOUNTERED.

30. CONTRACTOR SHALL BE AWARE OF EXISTING UTILITIES TO REMAIN ALONG THE CORRIDOR, CARE SHALL BE TAKEN NOT TO DAMAGE THESE FACILITIES DURING CONSTRUCTION.

31. THE CONTRACTOR SHALL BE AWARE OF THE POSSIBLE PRESENCE OF ROCK WITHIN THE PROJECT LIMITS THAT MAY BE ENCOUNTERED WHILE PERFORMING EXCAVATIONS AND UNDERGROUND INSTALLATIONS. GEOTECHNICAL REPORTS WITH BORINGS ARE INCLUDED IN THE CONTRACT DOCUMENTS FOR INFORMATIONAL PURPOSES ONLY, AS THE CONTRACTOR IS ULTIMATELY RESPONSIBLE FOR FINAL SUBSURFACE DETERMINATION. THE CONTRACTOR SHALL CONSIDER THE INCREASE IN COST FOR ALL UNDERGROUND WORK ACTIVITIES AND INCLUDE SUCH COSTS IN HIS BID. ALL COSTS ASSOCIATED WITH ENCOUNTERED ROCK OR ROCK-LIKE MATERIAL SHALL BE INCLUDED IN THE APPROPRIATE ITEMS OF WORK CONTAINED WITHIN THE CONTRACT. NO ADDITIONAL COMPENSATION WILL BE MADE.

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



CURVE DATA: CURVE-1
PI STA. = 369+40.06
Δ = 2° 22' 22" (RT)
D = 1° 25' 57"
T = 82.84
L = 165.66
R = 4,000.00
PC STA. = 368+57.22
PT STA. = 370+22.88

CURVE DATA: CURVE-2
PI STA. = 372+05.72
Δ = 2° 22' 22" (LT)
D = 1° 25' 57"
T = 82.84
L = 165.66
R = 4,000.00
PC STA. = 371+22.88
PT STA. = 372+88.54

CURVE DATA: CURVE-3
PI STA. = 469+40.06
Δ = 2° 22' 22" (LT)
D = 1° 25' 57"
T = 82.84
L = 165.66
R = 4,000.00
PC STA. = 468+57.22
PT STA. = 470+22.88

CURVE DATA: CURVE-4
PI STA. = 472+05.72
Δ = 2° 22' 22" (RT)
D = 1° 25' 57"
T = 82.84
L = 165.66
R = 4,000.00
PC STA. = 471+22.88
PT STA. = 472+88.54

℄ CONST. TRANSITION LEFT (HORIZONTAL CONTROL)

ALIGNMENT	POINT	CONTROL	STATION	CURVE	COORDINATES	
					NORTHING (Y)	EASTING (X)
TRANSITION LT	BL100	PC	368+57.22	CURVE-7	770500.66	753154.64
TRANSITION LT	BL101	PT	370+22.88	CURVE-7	770508.21	753320.11
TRANSITION LT	BL102	PC	371+22.88	CURVE-8	770510.70	753420.08
TRANSITION LT	BL103	PT	372+88.54	CURVE-8	770518.25	753585.55

℄ CONST. TRANSITION RIGHT (HORIZONTAL CONTROL)

ALIGNMENT	POINT	CONTROL	STATION	CURVE	COORDINATES	
					NORTHING (Y)	EASTING (X)
TRANSITION RT	BL200	PC	468+57.22	CURVE-9	770478.71	753156.09
TRANSITION RT	BL201	PT	470+22.88	CURVE-9	770493.10	753321.11
TRANSITION RT	BL202	PC	471+22.88	CURVE-10	770503.86	753420.53
TRANSITION RT	BL203	PT	472+88.54	CURVE-10	770518.25	753585.55

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REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

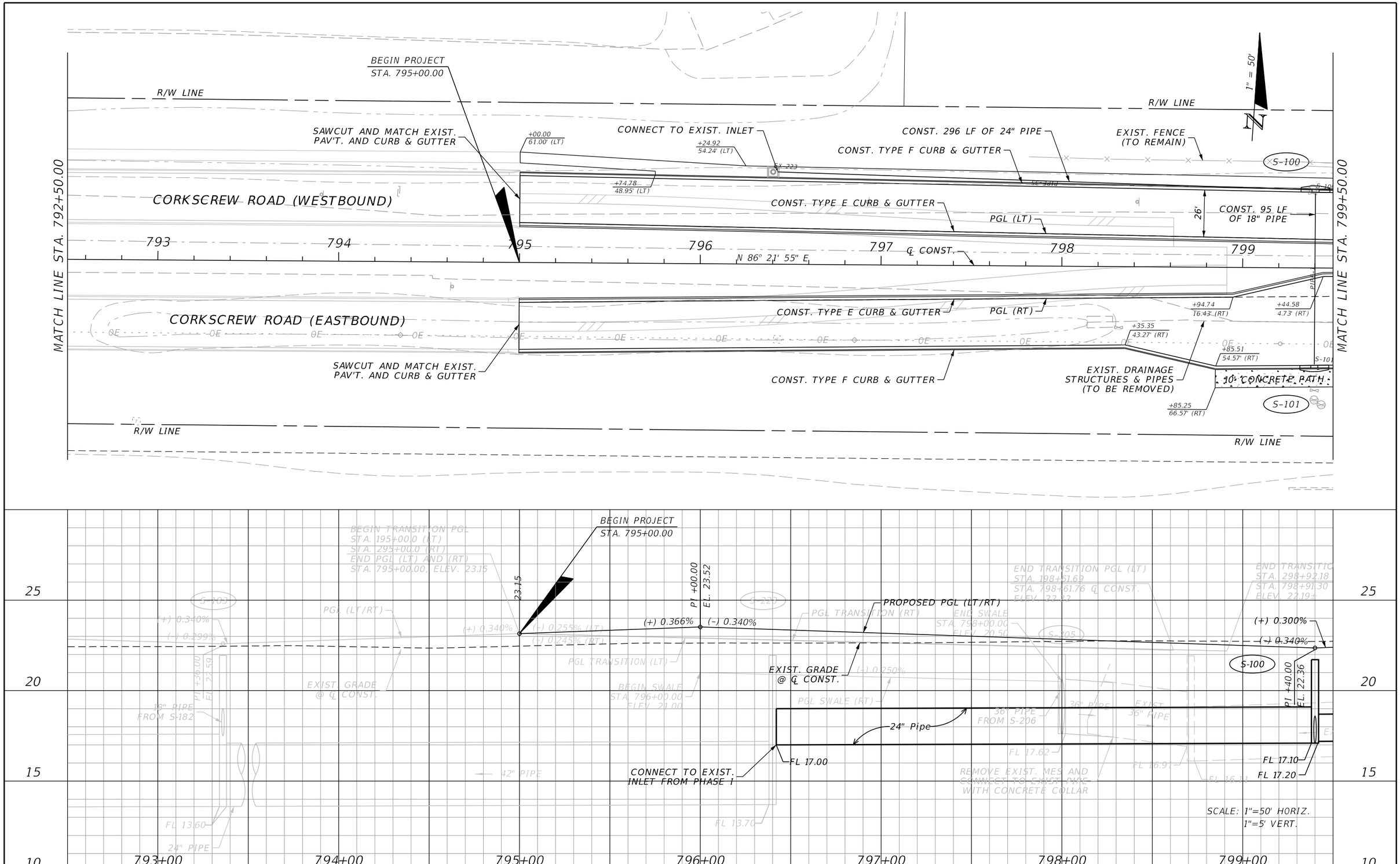
JOHNSON ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

SPECIAL PROFILE GRADE LINE LAYOUT

SHEET NO. 21



REVISIONS			
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JOHNSON ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
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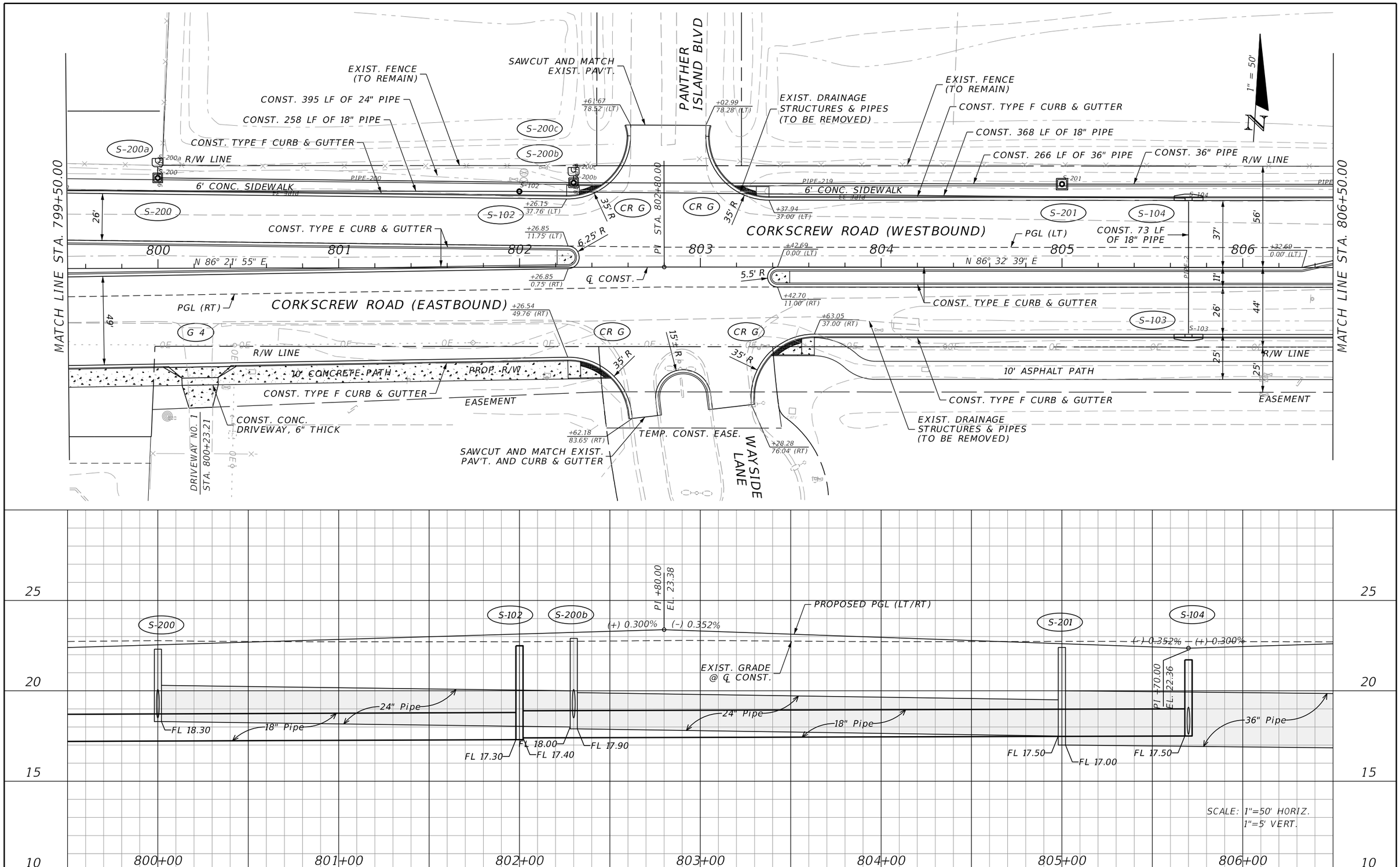
LEE COUNTY PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

PLAN & PROFILE
STA. 792+50 TO STA. 799+50

SHEET NO. 22

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS			
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JOHNSON ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
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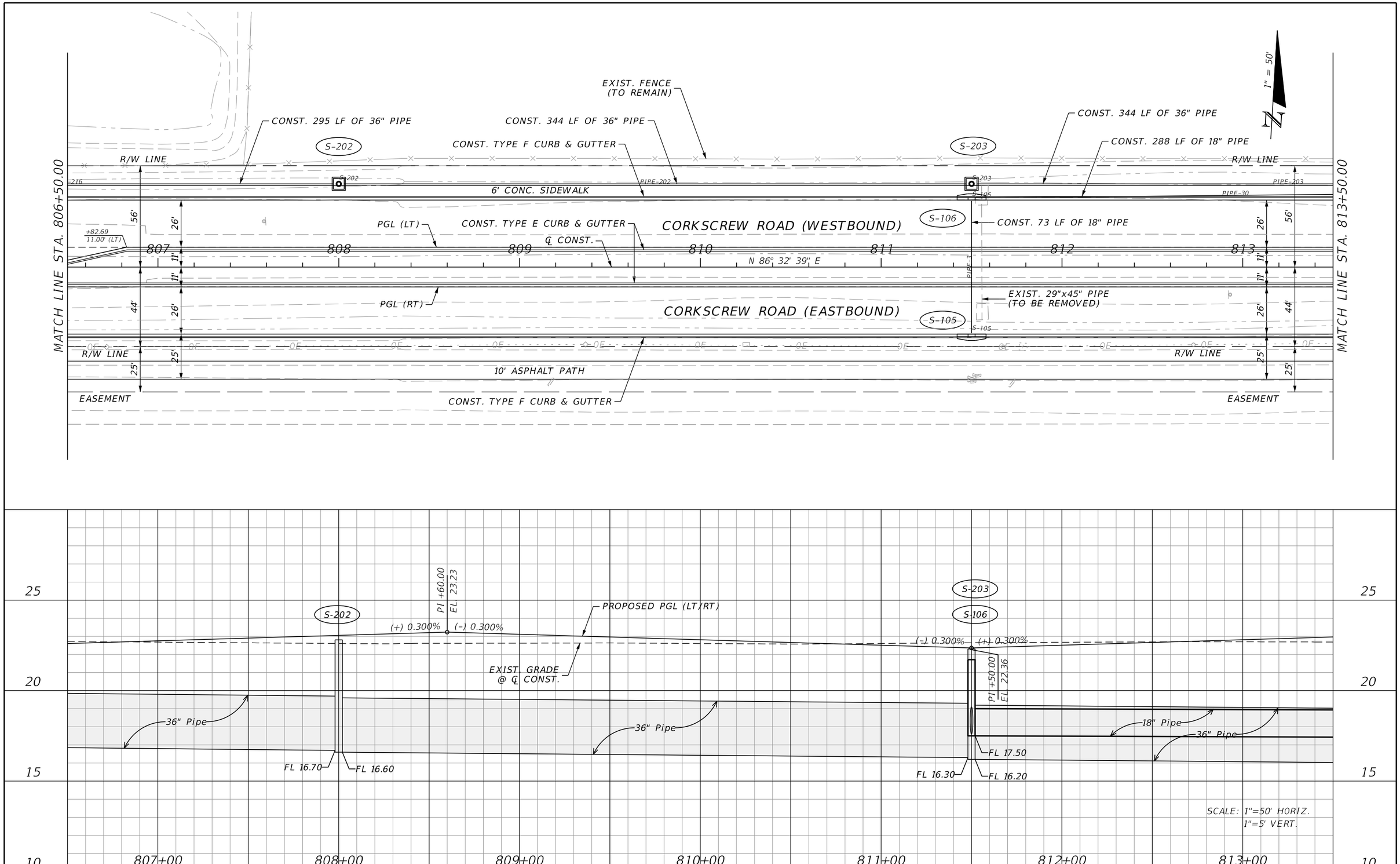
LEE COUNTY PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

PLAN & PROFILE
STA. 799+50 TO STA. 806+50

SHEET NO. 23

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



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REVISIONS			
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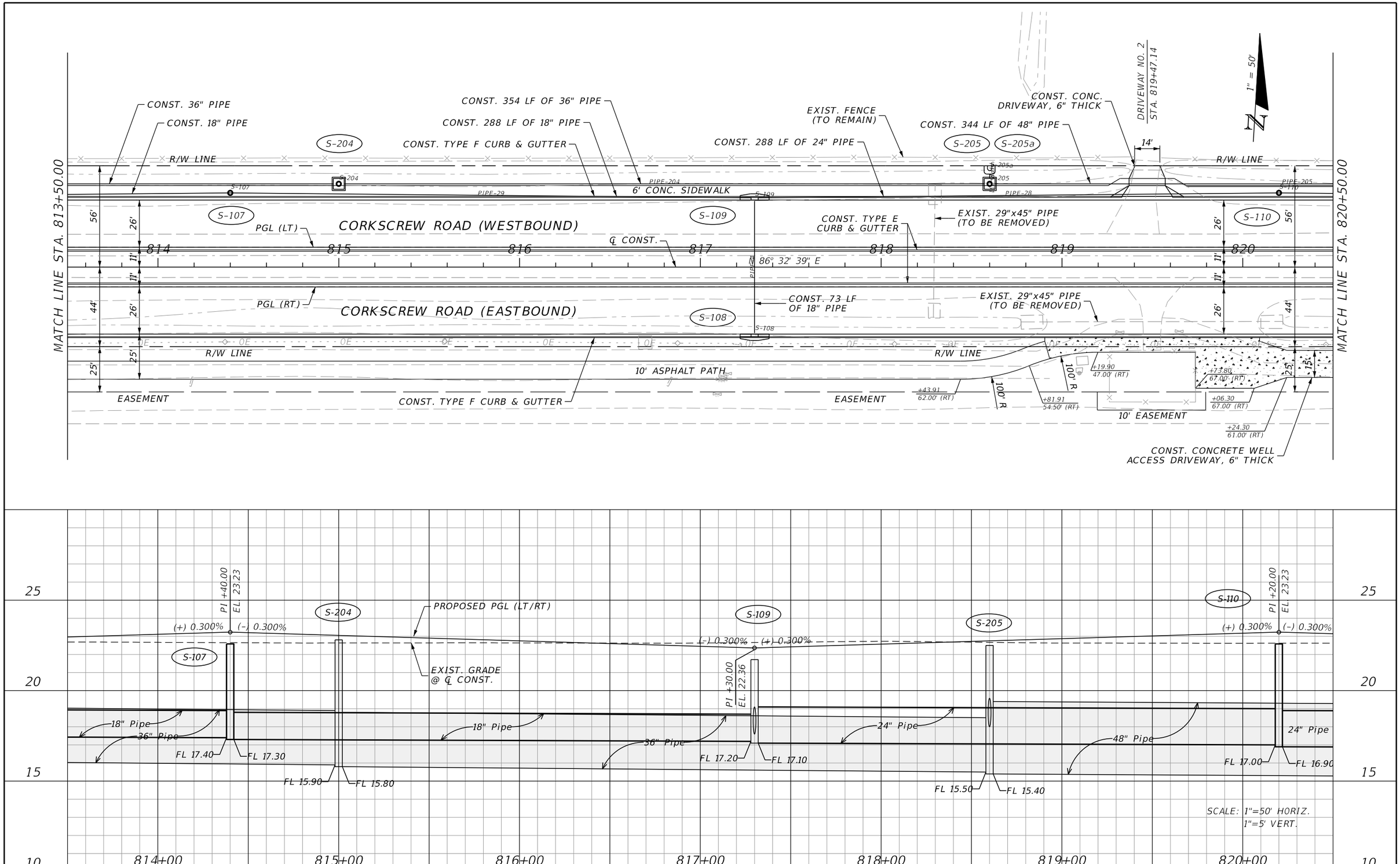
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

PLAN & PROFILE
STA. 806+50 TO STA. 813+50

SHEET NO. 24



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

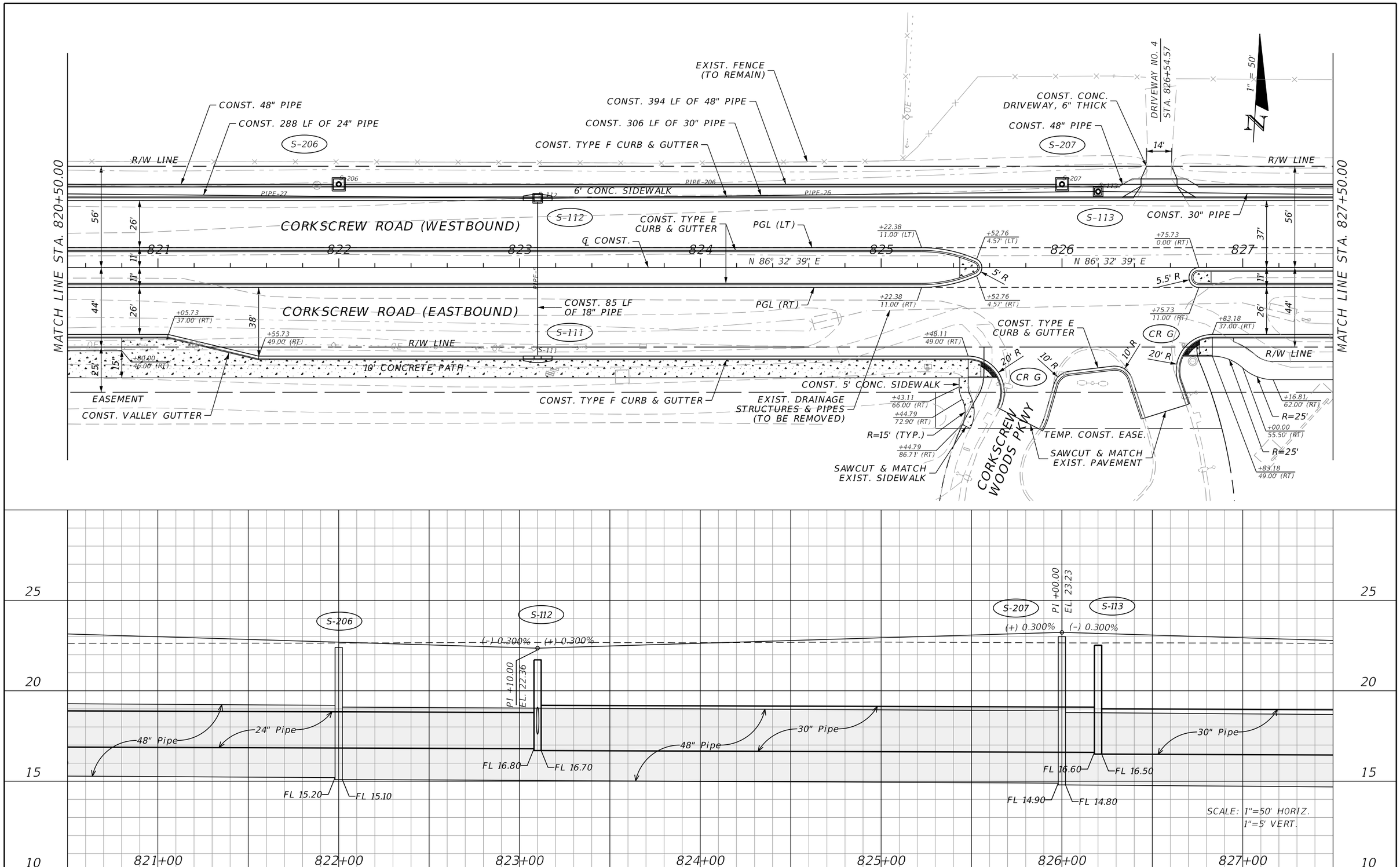
LEE COUNTY PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

PLAN & PROFILE
STA. 813+50 TO STA. 820+50

SHEET NO. 25

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



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REVISIONS			
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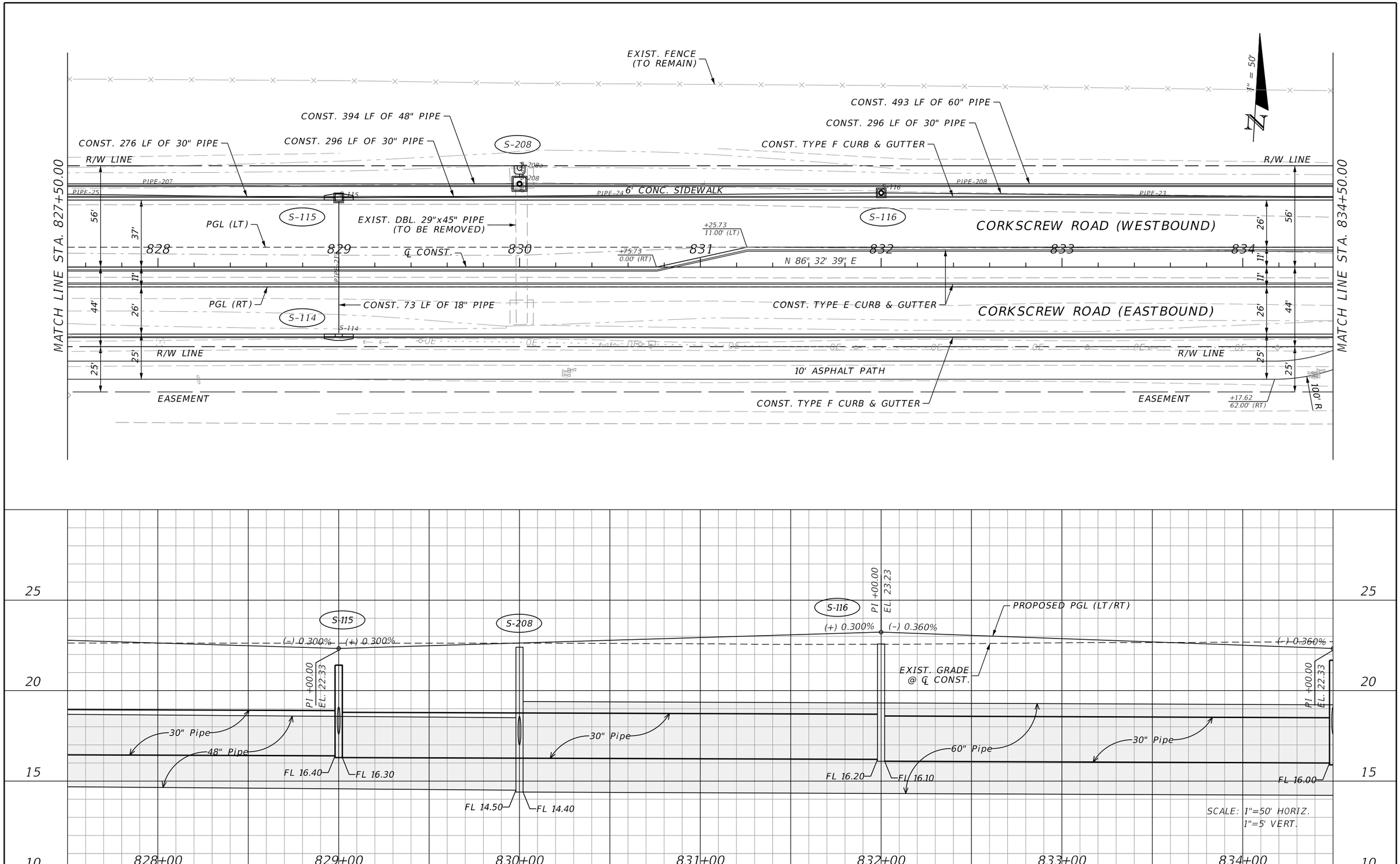
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

PLAN & PROFILE
STA. 820+50 TO STA. 827+50

SHEET NO. 26



REVISIONS			
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JOHNSON ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
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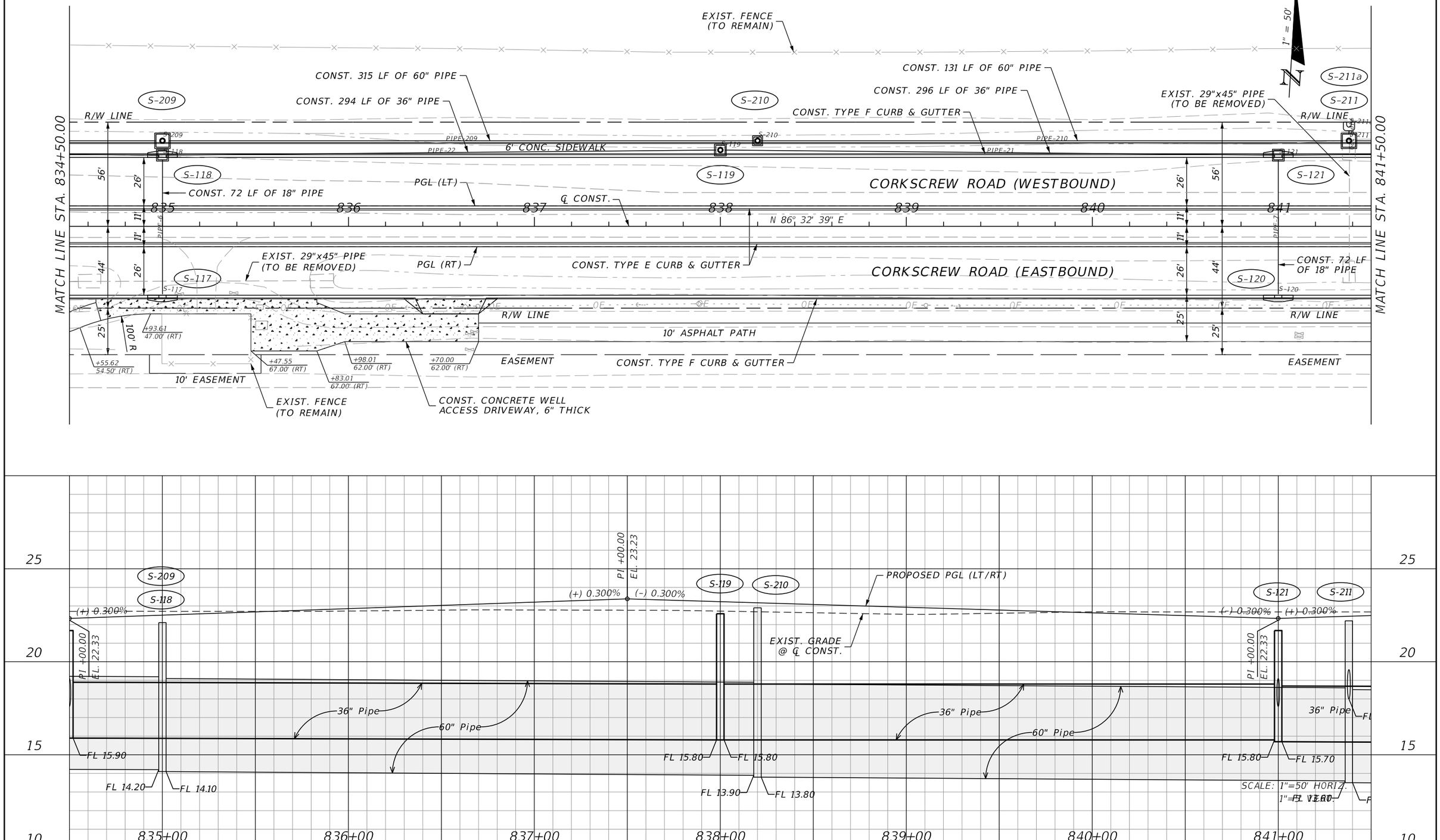
LEE COUNTY PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

PLAN & PROFILE
STA. 827+50 TO STA. 834+50

SHEET NO. 27

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS			
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2122 JOHNSON STREET
FORT MYERS, FL 33901
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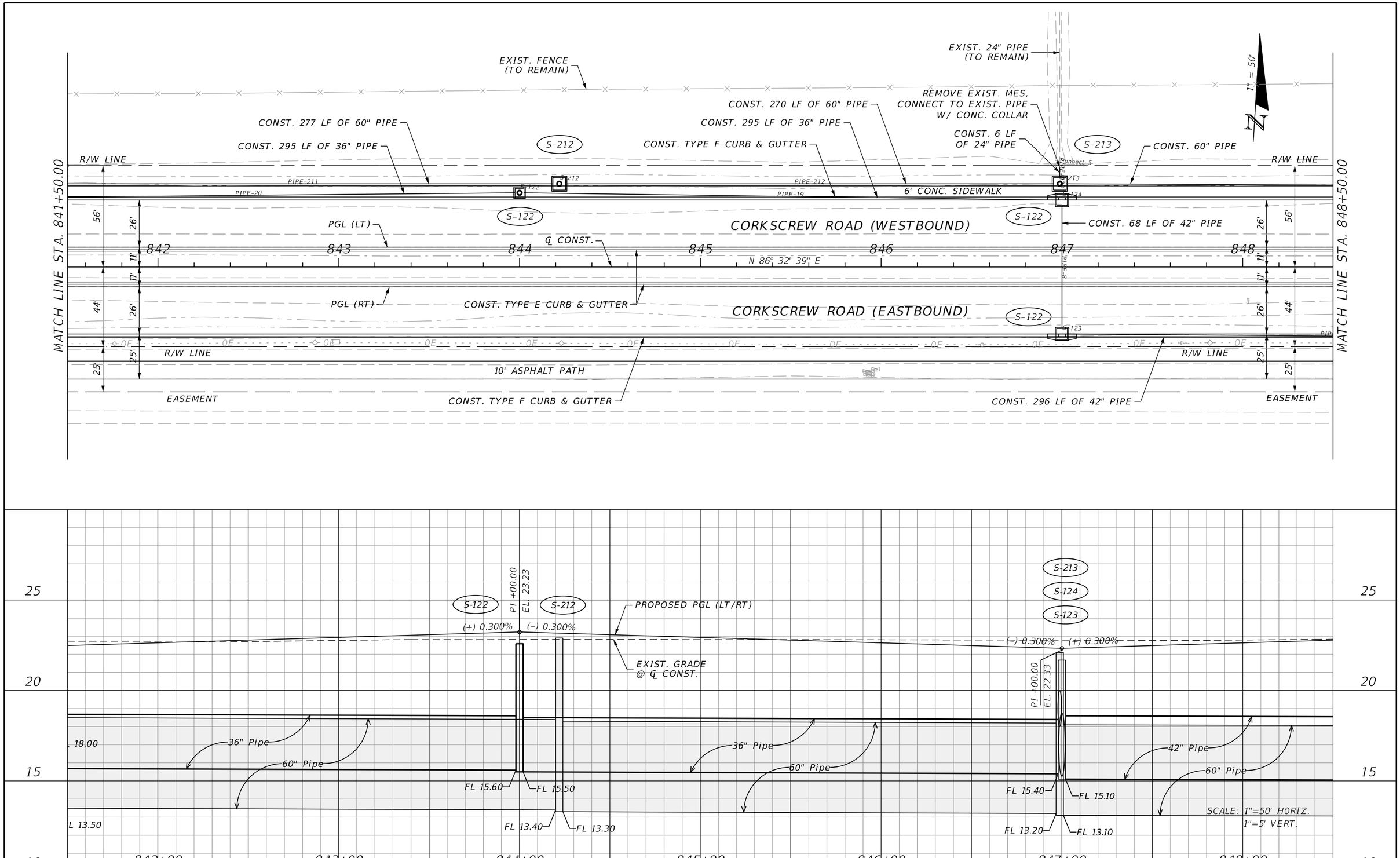
LEE COUNTY PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

PLAN & PROFILE
STA. 834+50 TO STA. 841+50

SHEET NO. 28

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



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

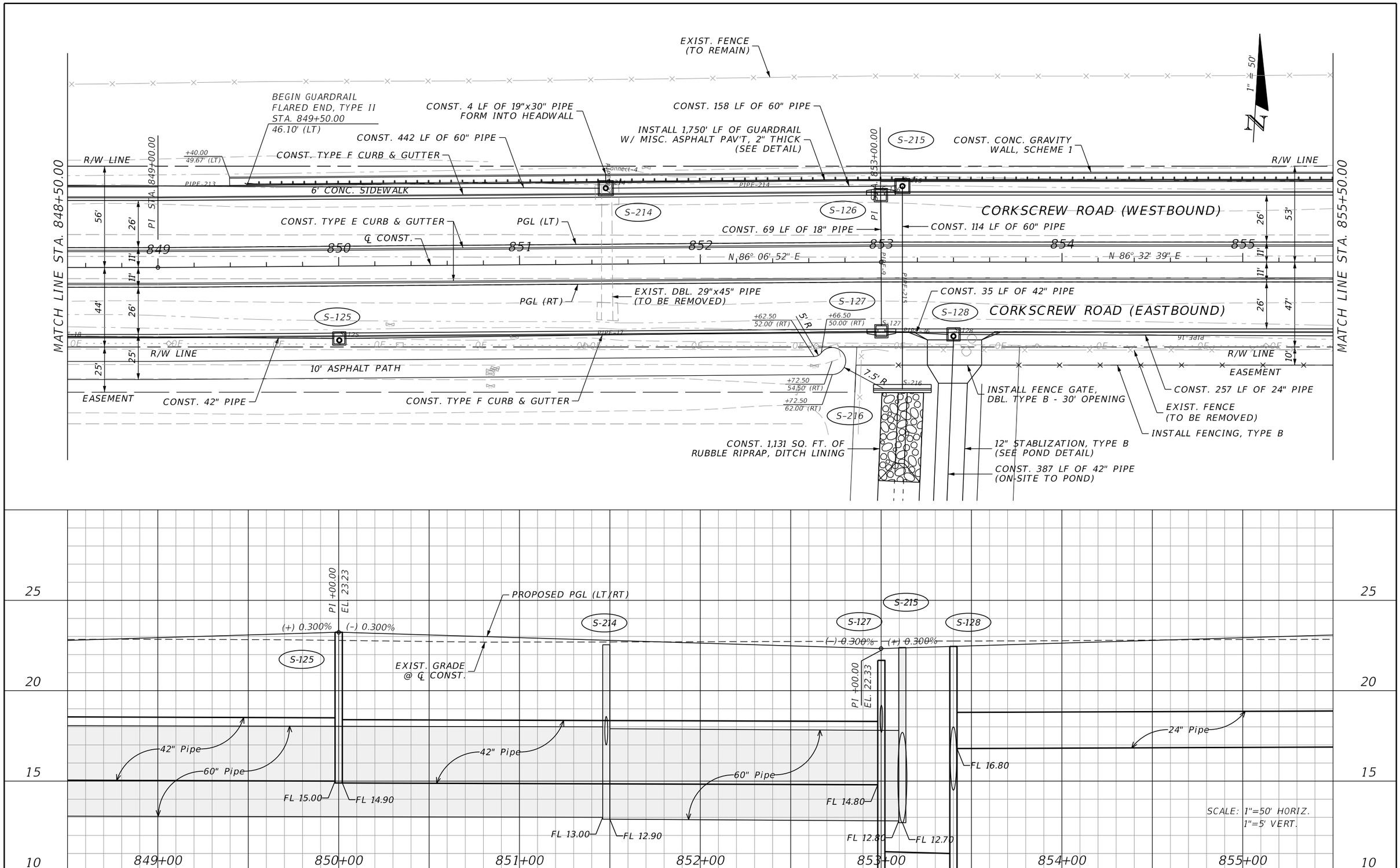
LEE COUNTY PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

PLAN & PROFILE
STA. 841+50 TO STA. 848+50

SHEET NO. 29

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



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

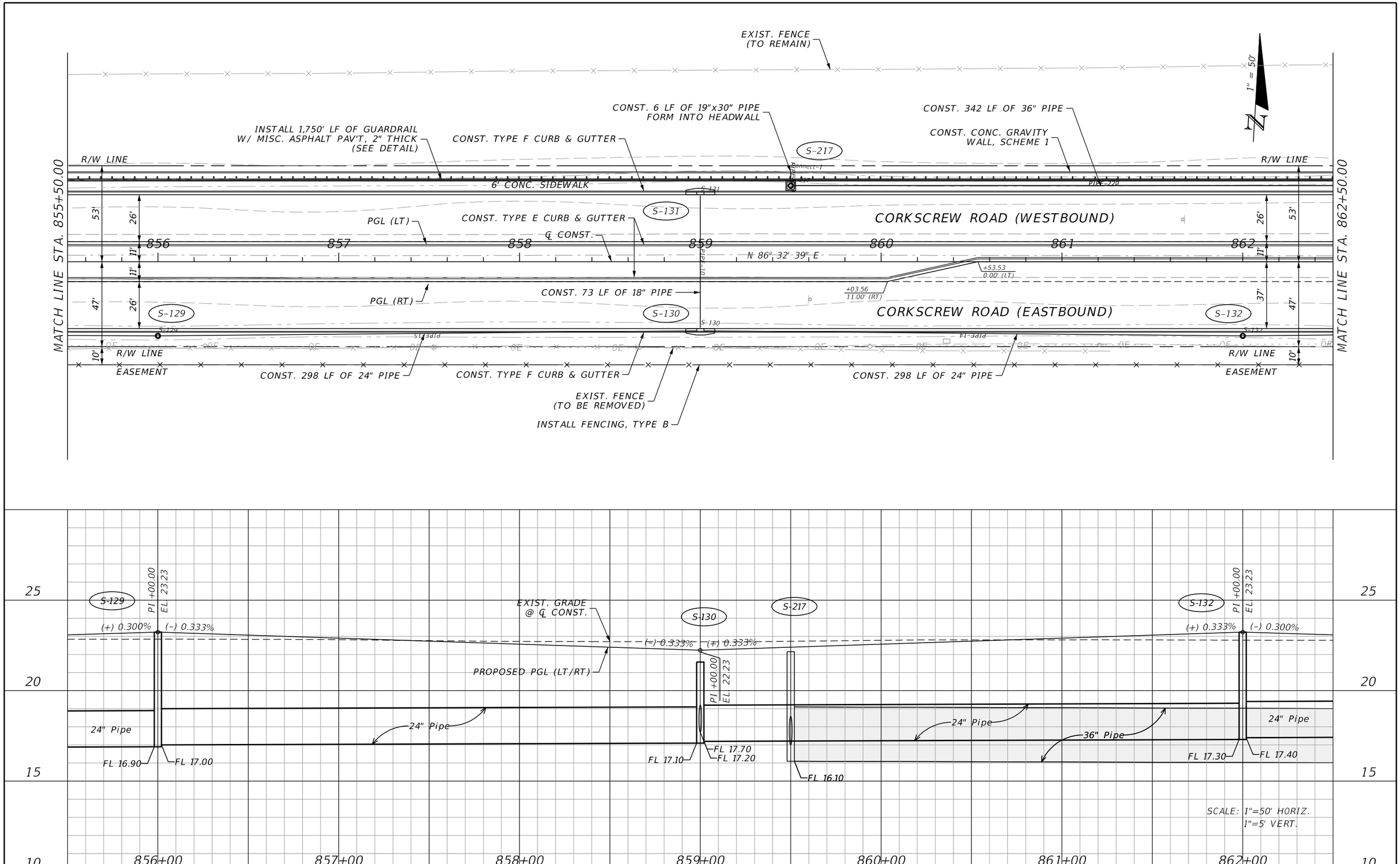
LEE COUNTY PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

PLAN & PROFILE
STA. 848+50 TO STA. 855+50

SHEET NO. 30

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS			
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2122 JOHNSON STREET
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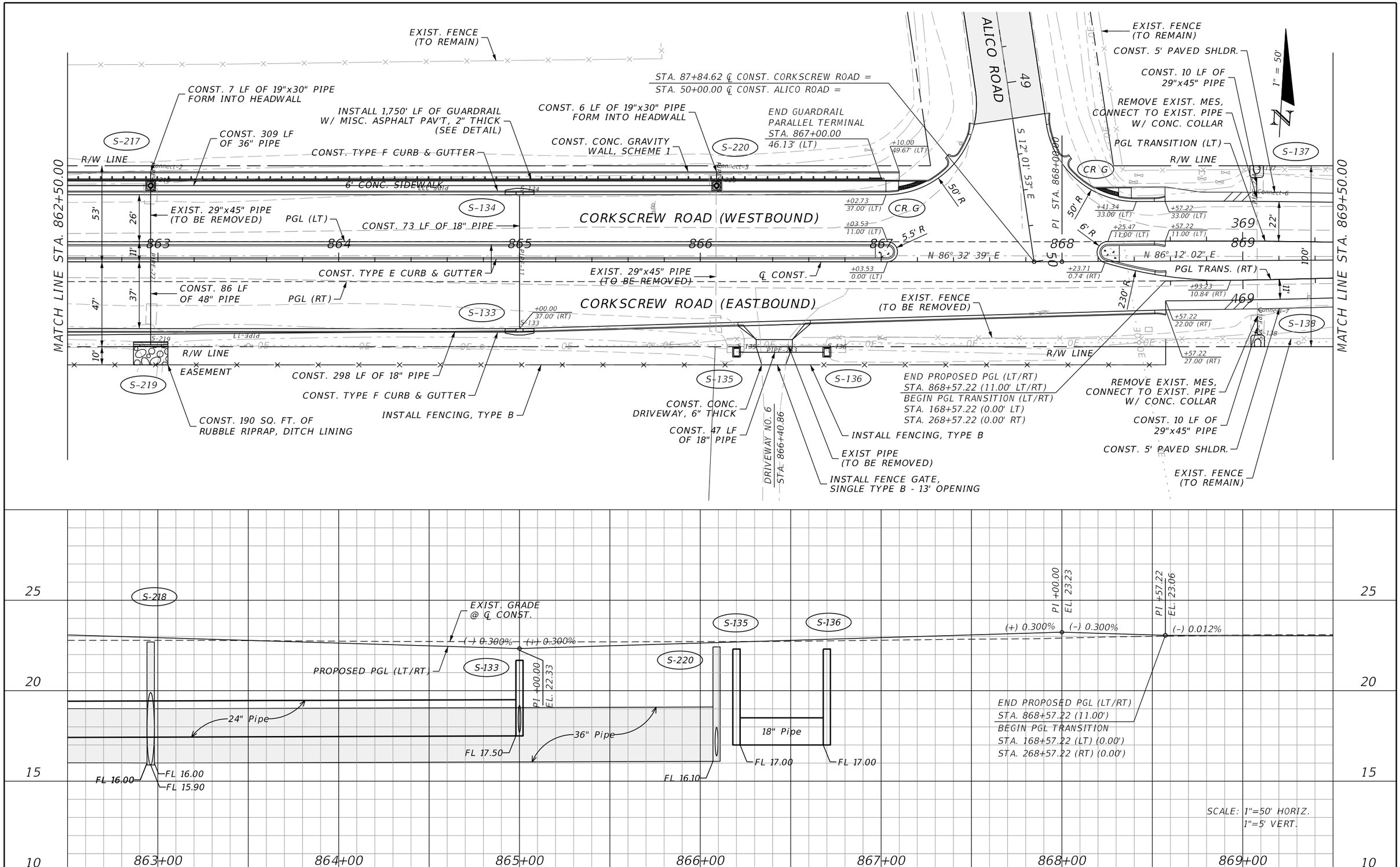
LEE COUNTY PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

PLAN & PROFILE
STA. 855+50 TO STA. 862+50

SHEET NO. 31

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



REVISIONS			
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JOHNSON ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
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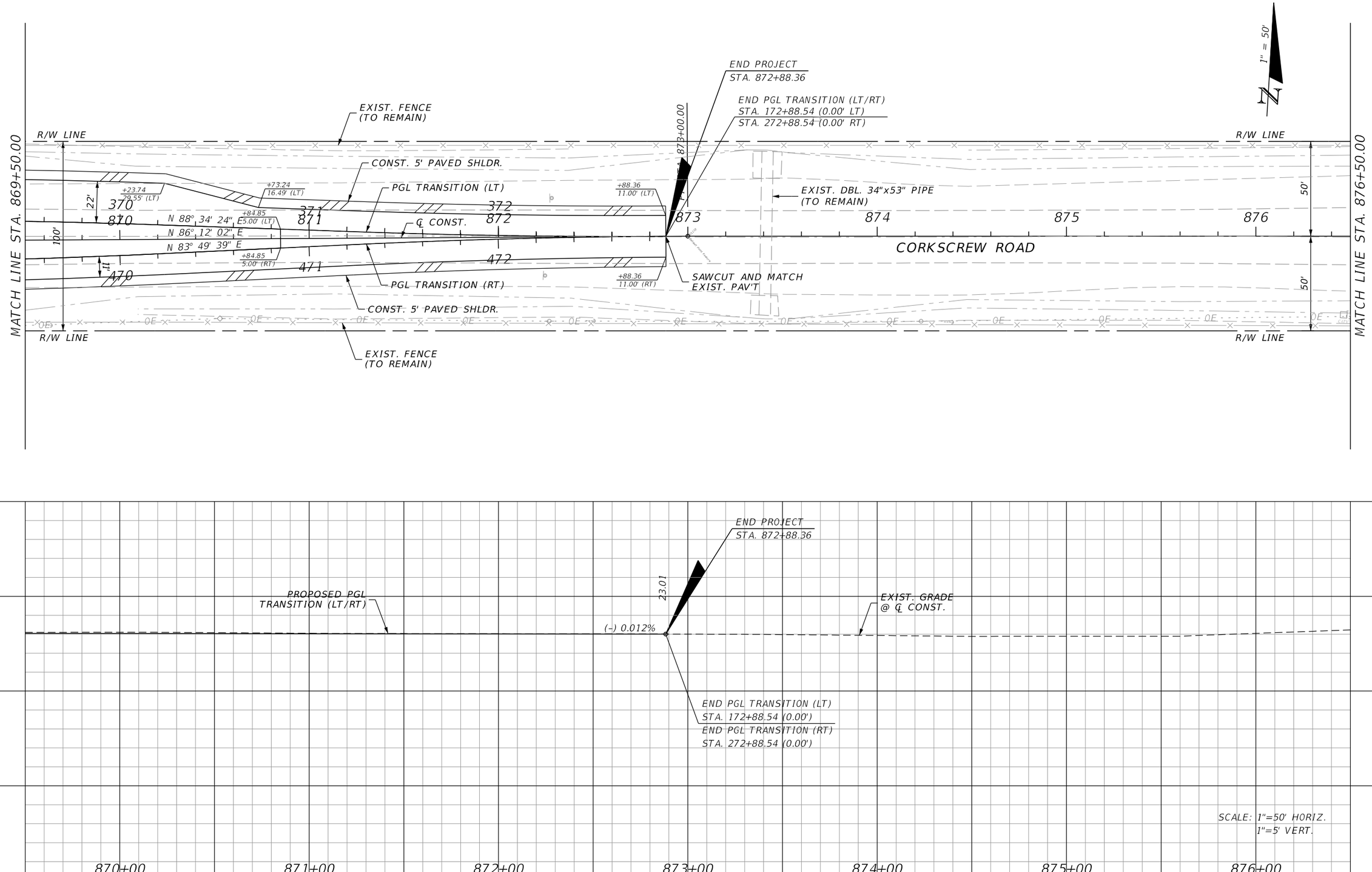
LEE COUNTY PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

PLAN & PROFILE
STA. 862+50 TO STA. 869+50

SHEET NO. 32

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



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

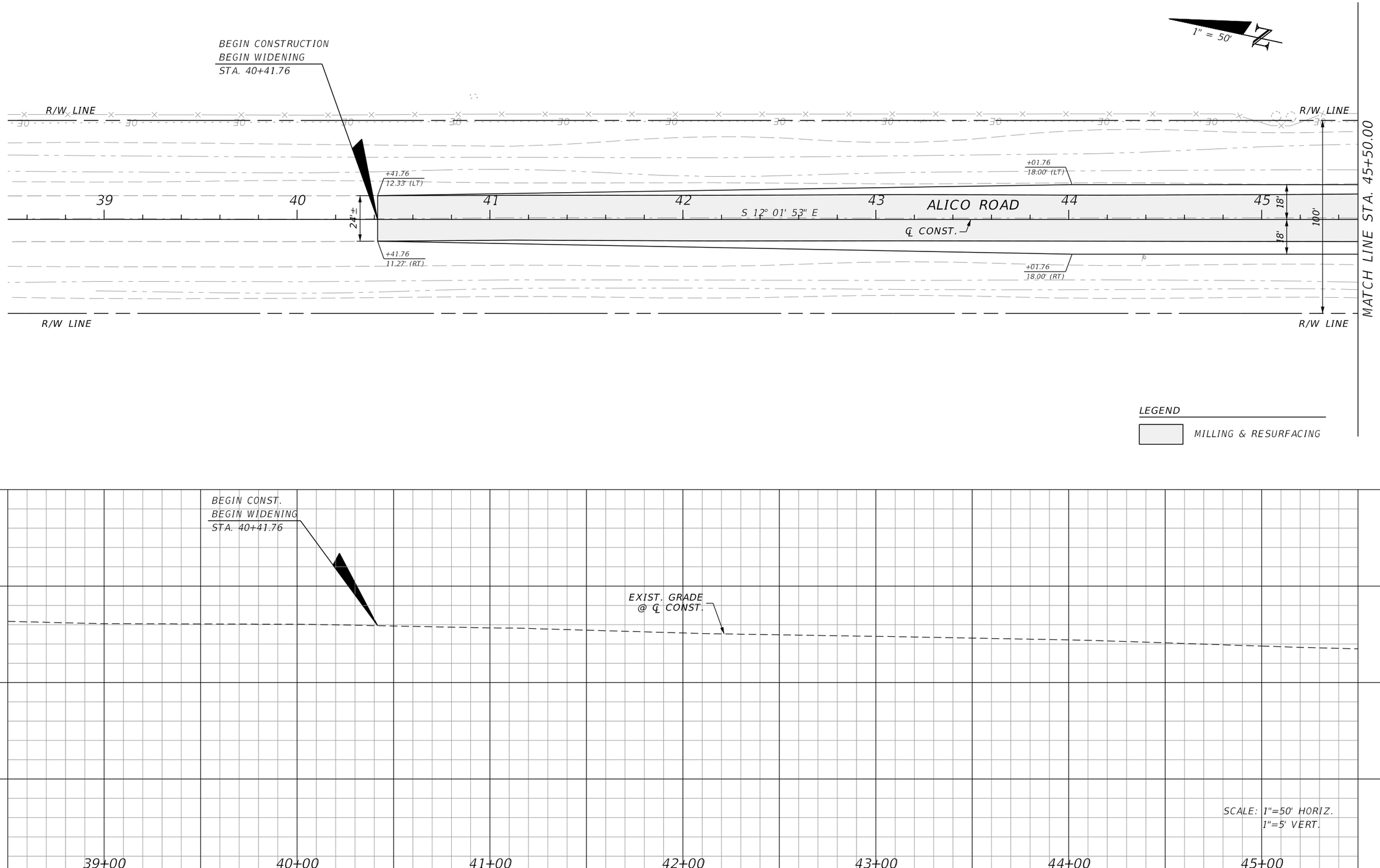
LEE COUNTY PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

PLAN & PROFILE
STA. 869+50 TO STA. 876+50

SHEET NO. 33

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



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

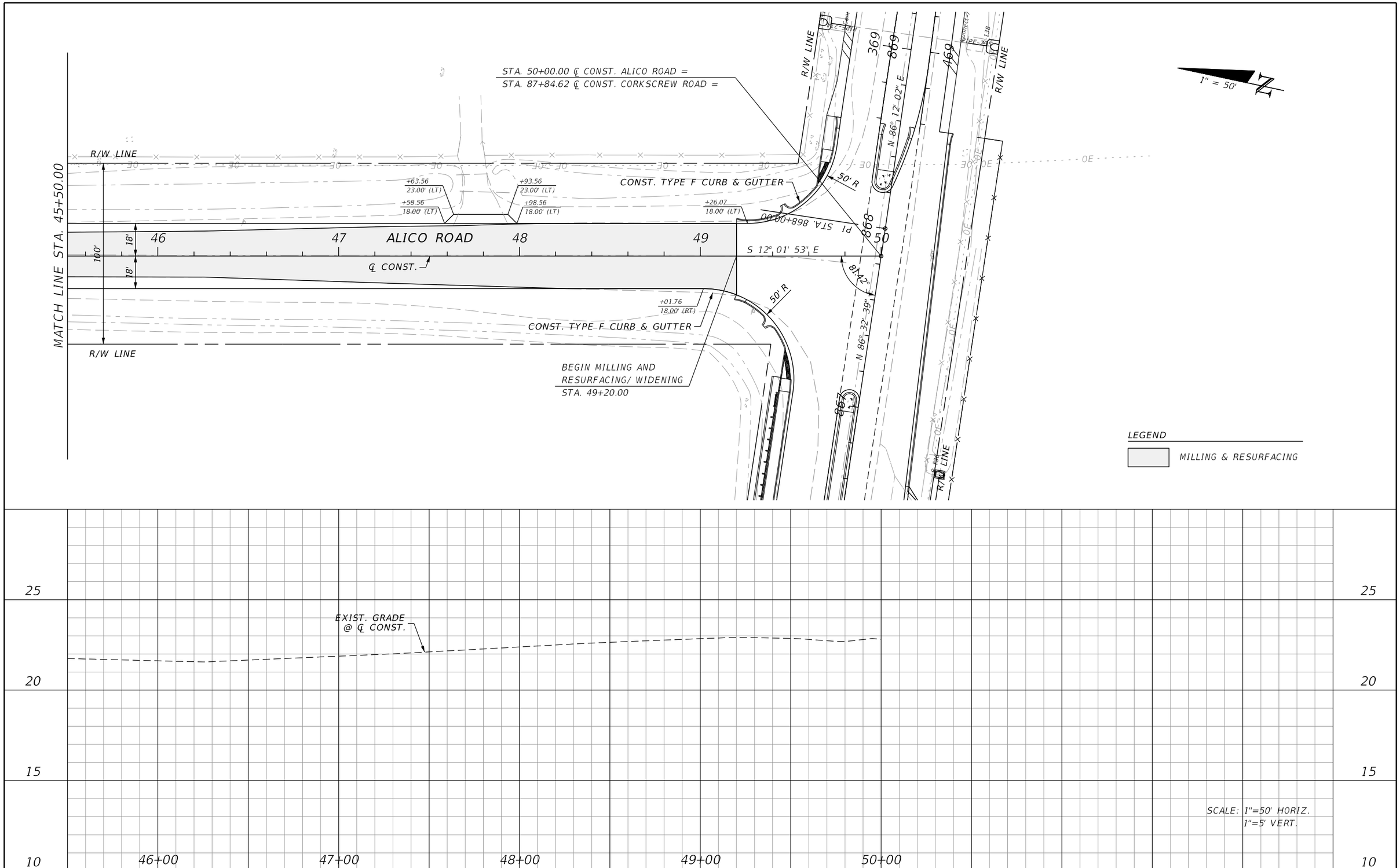
LEE COUNTY PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

PLAN & PROFILE
STA. 38+50 TO STA. 45+50

SHEET NO. 34

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



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 PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

PLAN & PROFILE
STA. 45+50 TO STA. 50+00

SHEET NO. 35

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

POND CONTROL POINTS

POINT	COORDINATES	
	NORTH	EAST
1	769838.78	751680.80
2	769899.78	751737.17
3	769913.65	751966.80
4	769902.72	752005.10
5	769650.61	752360.98
6	769602.76	752386.29
7	769457.68	752388.98
8	769396.57	752329.64
9	769390.21	751748.66
10	769449.09	751688.01

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REVISIONS			
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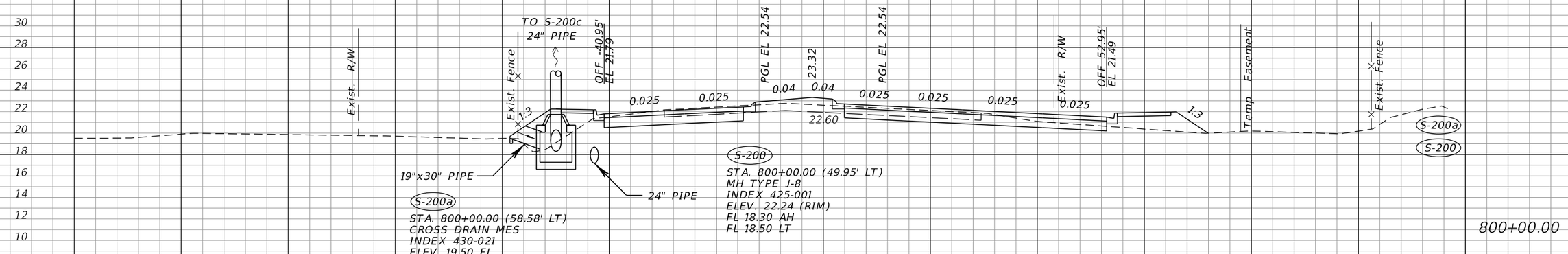
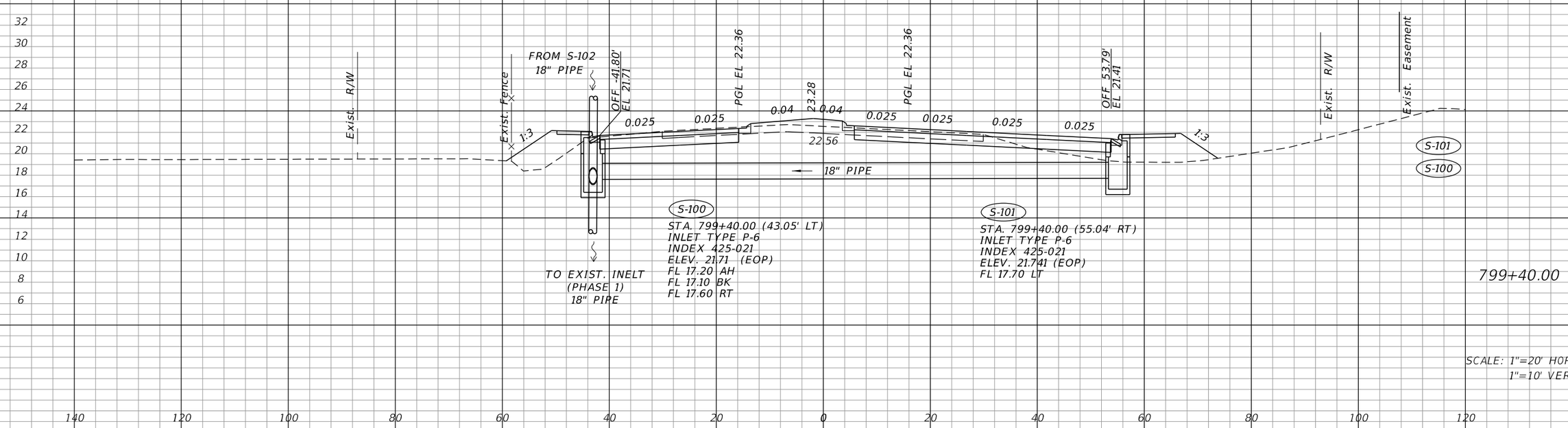
LEE COUNTY PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

CORKSCREW PHASE II POND CONCEPT

SHEET NO. 36





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

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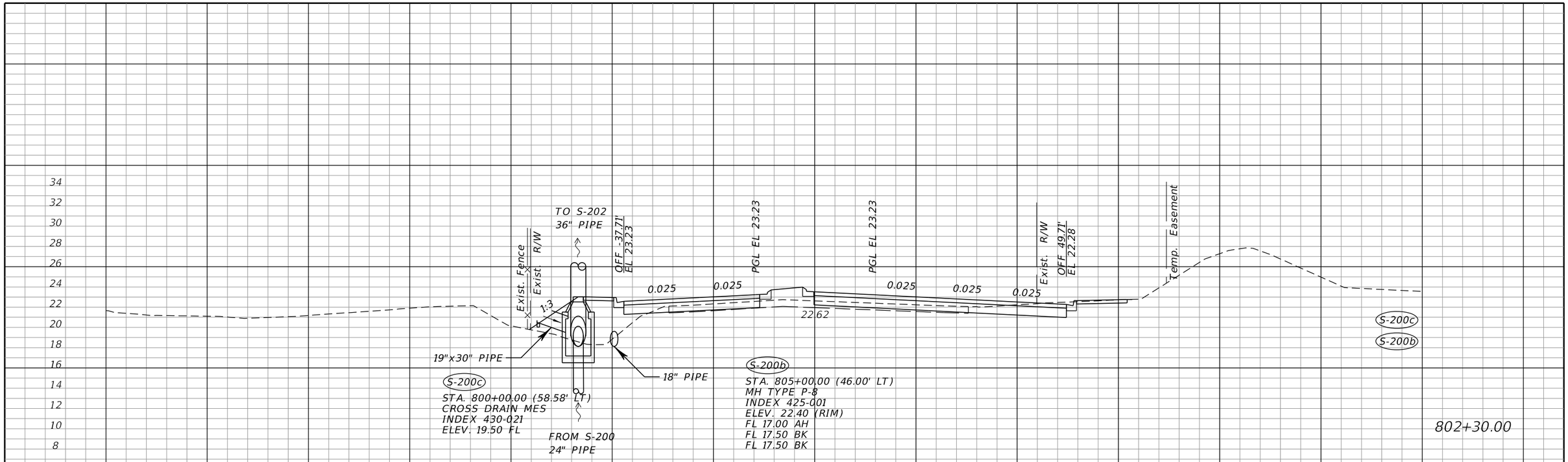
JOHNSON ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

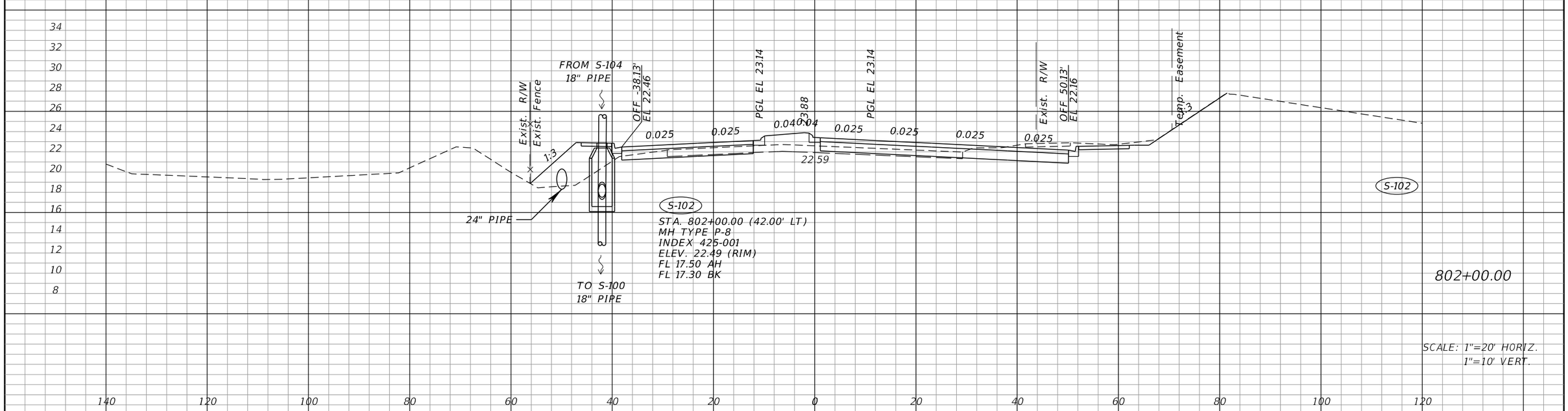
LEE COUNTY PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

DRAINAGE STRUCTURES

SHEET NO. 37





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

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DEPARTMENT OF TRANSPORTATION

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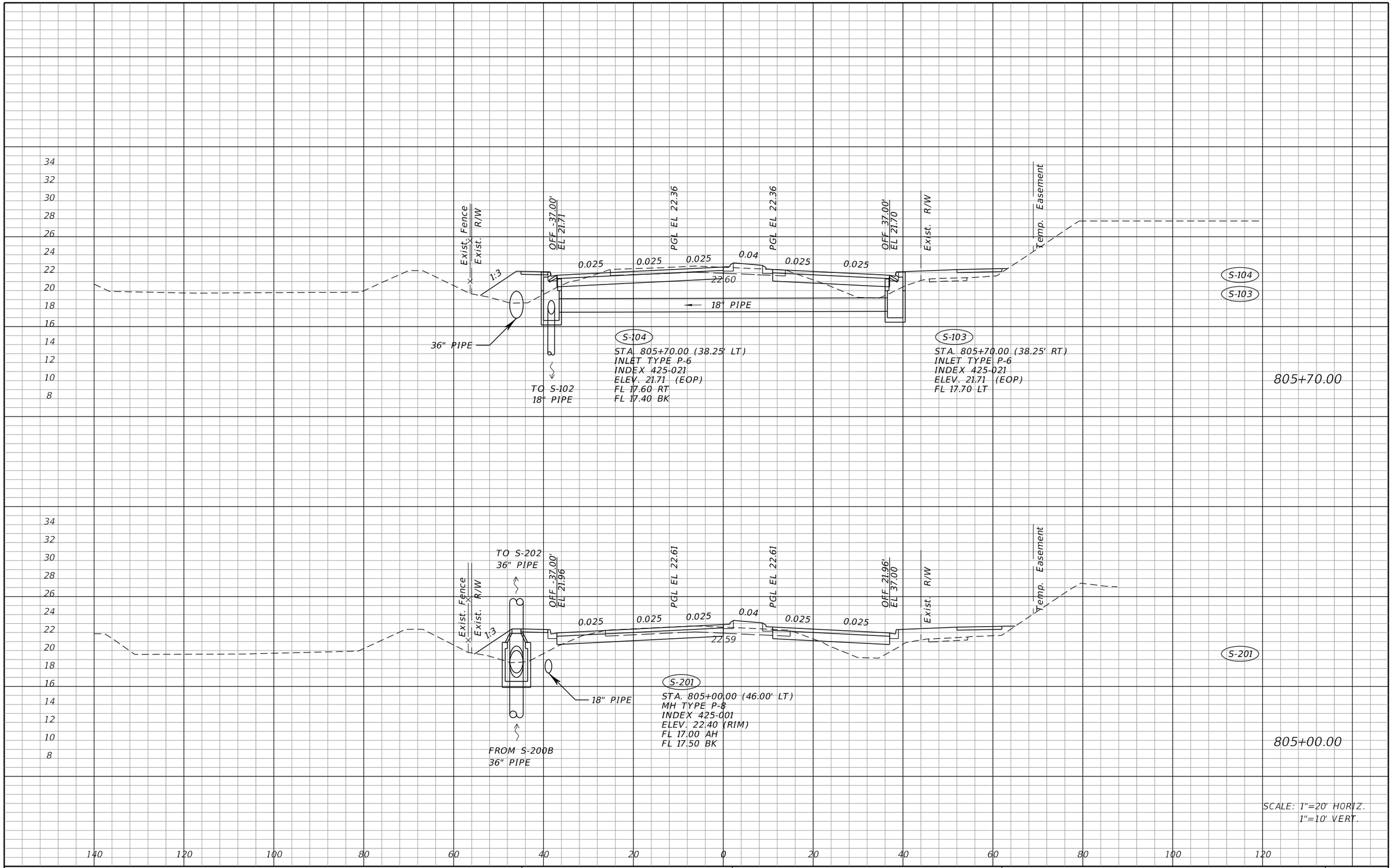
	LEE	20192030-000

DRAINAGE STRUCTURES

SHEET NO. 38



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

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DEPARTMENT OF TRANSPORTATION

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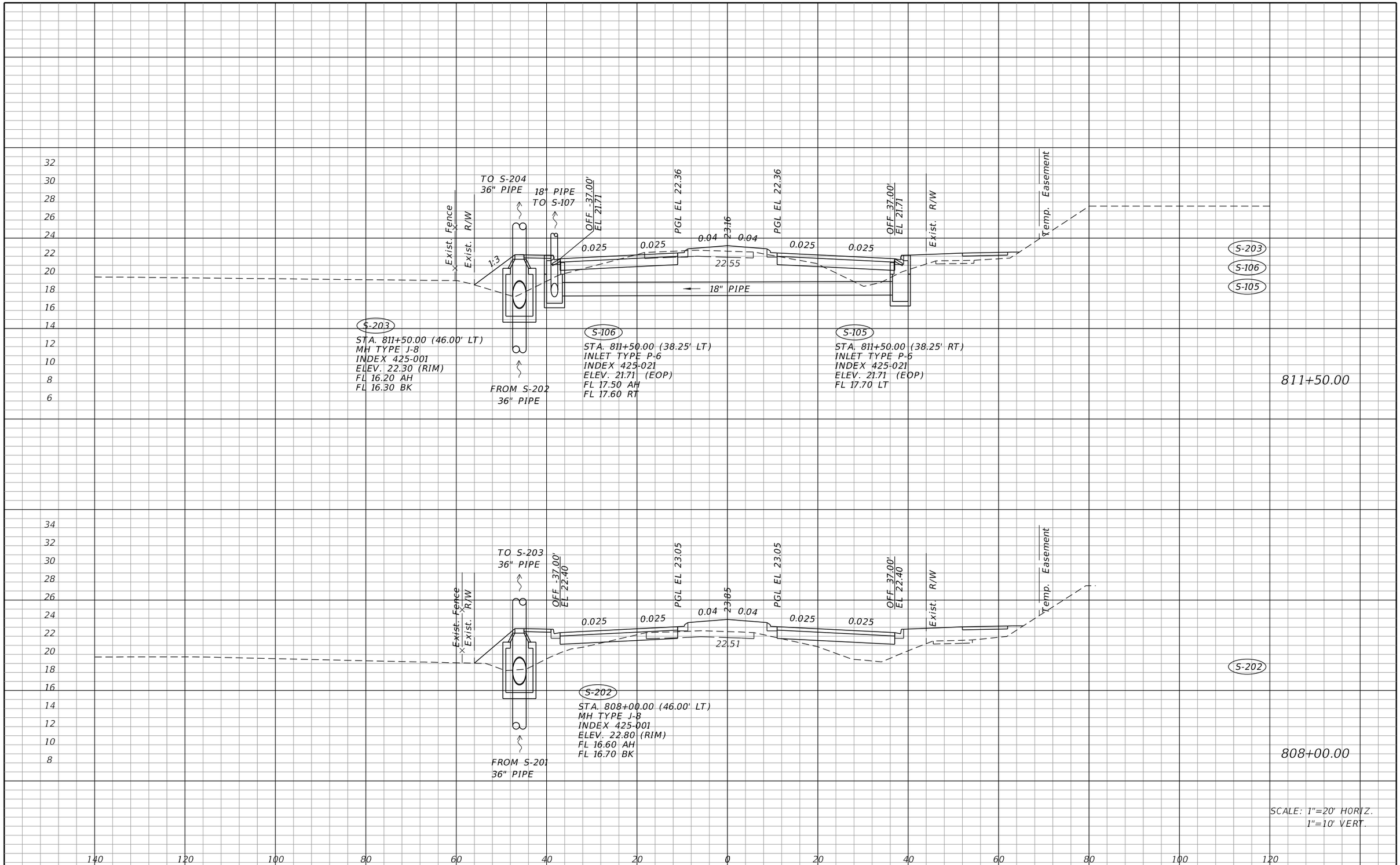
	LEE	20192030-000

DRAINAGE STRUCTURES

SHEET NO.
39



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DEPARTMENT OF TRANSPORTATION

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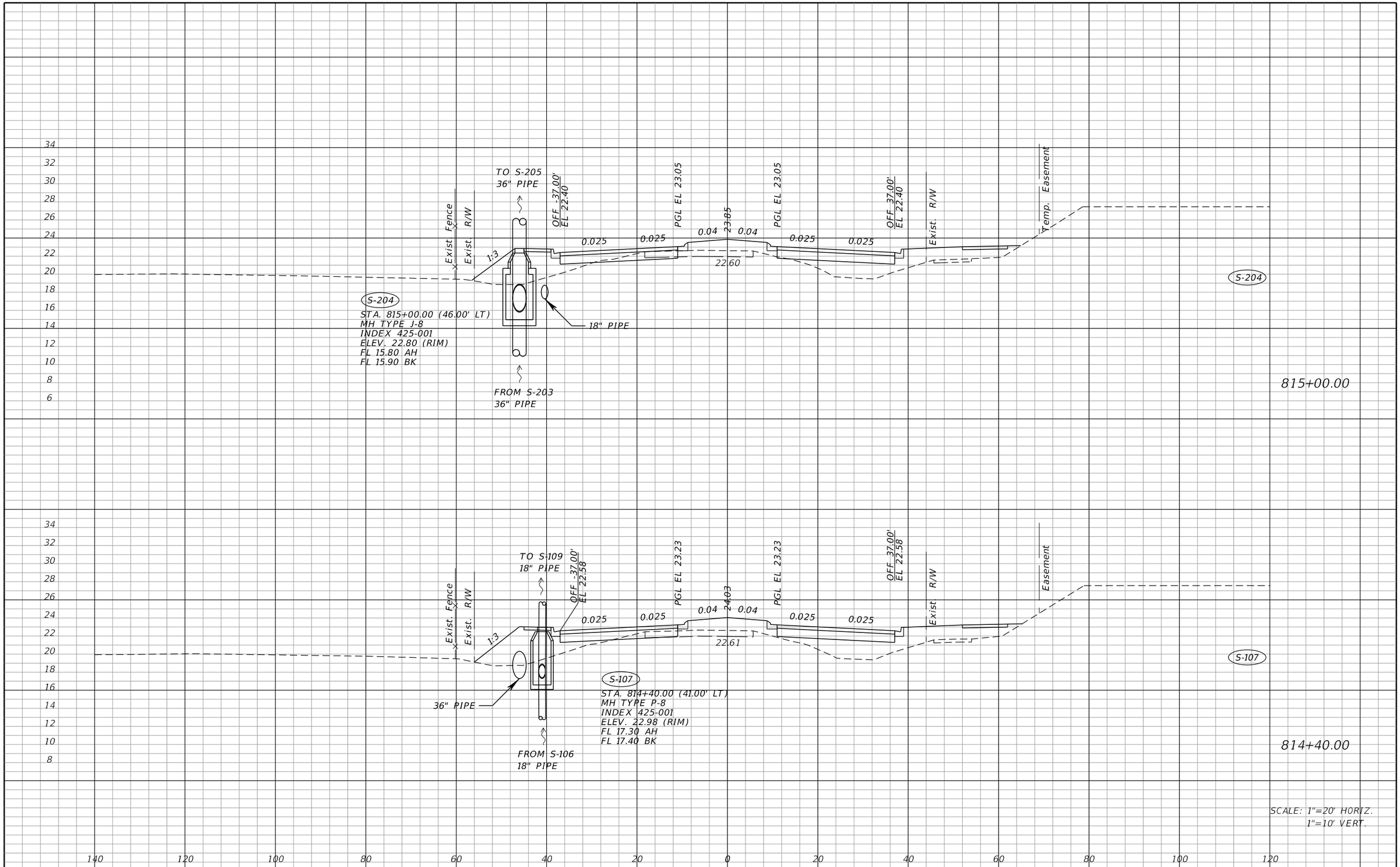
	LEE	20192030-000

DRAINAGE STRUCTURES

SHEET NO. 40



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DEPARTMENT OF TRANSPORTATION

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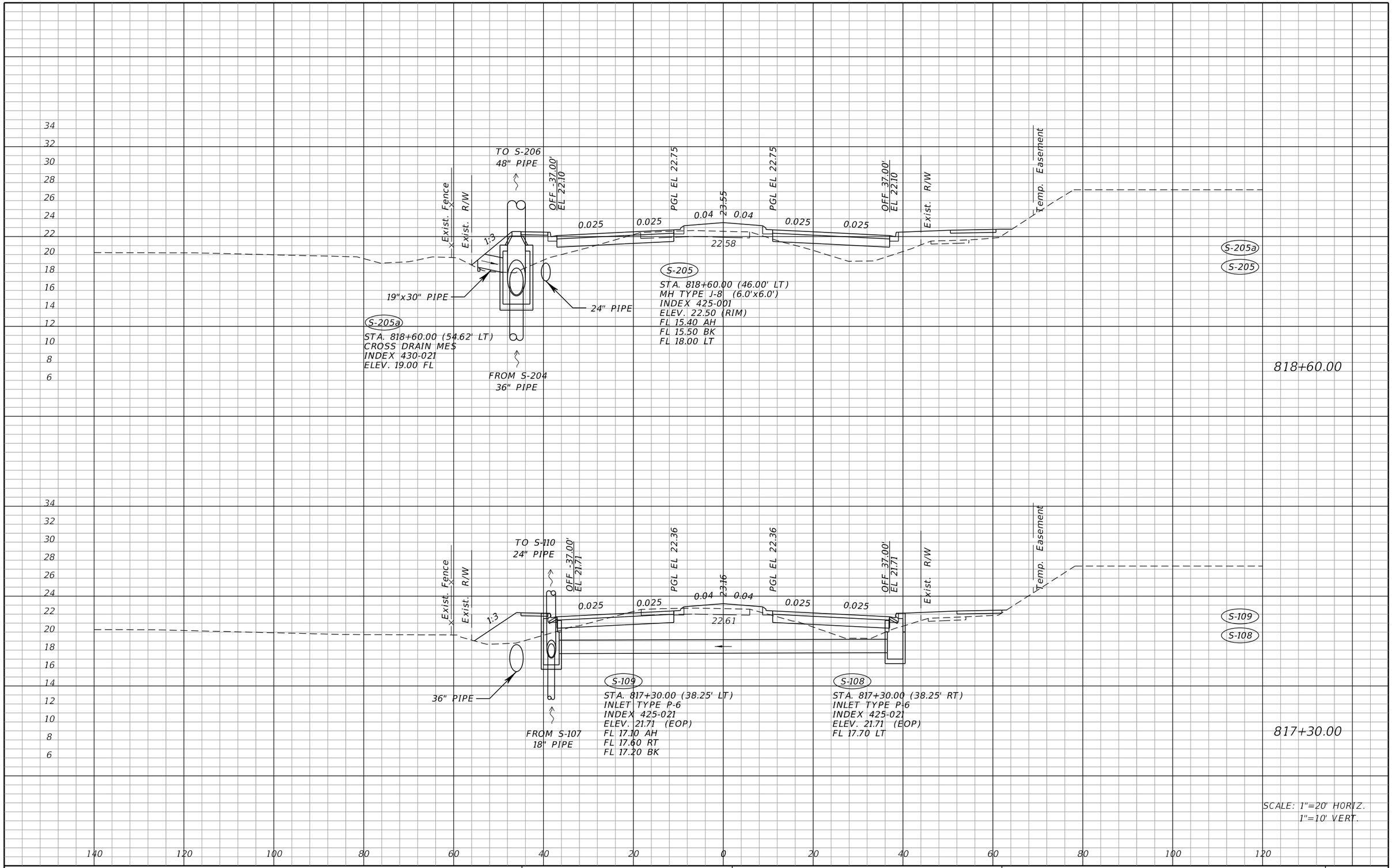
DRAINAGE STRUCTURES

SHEET NO.
41



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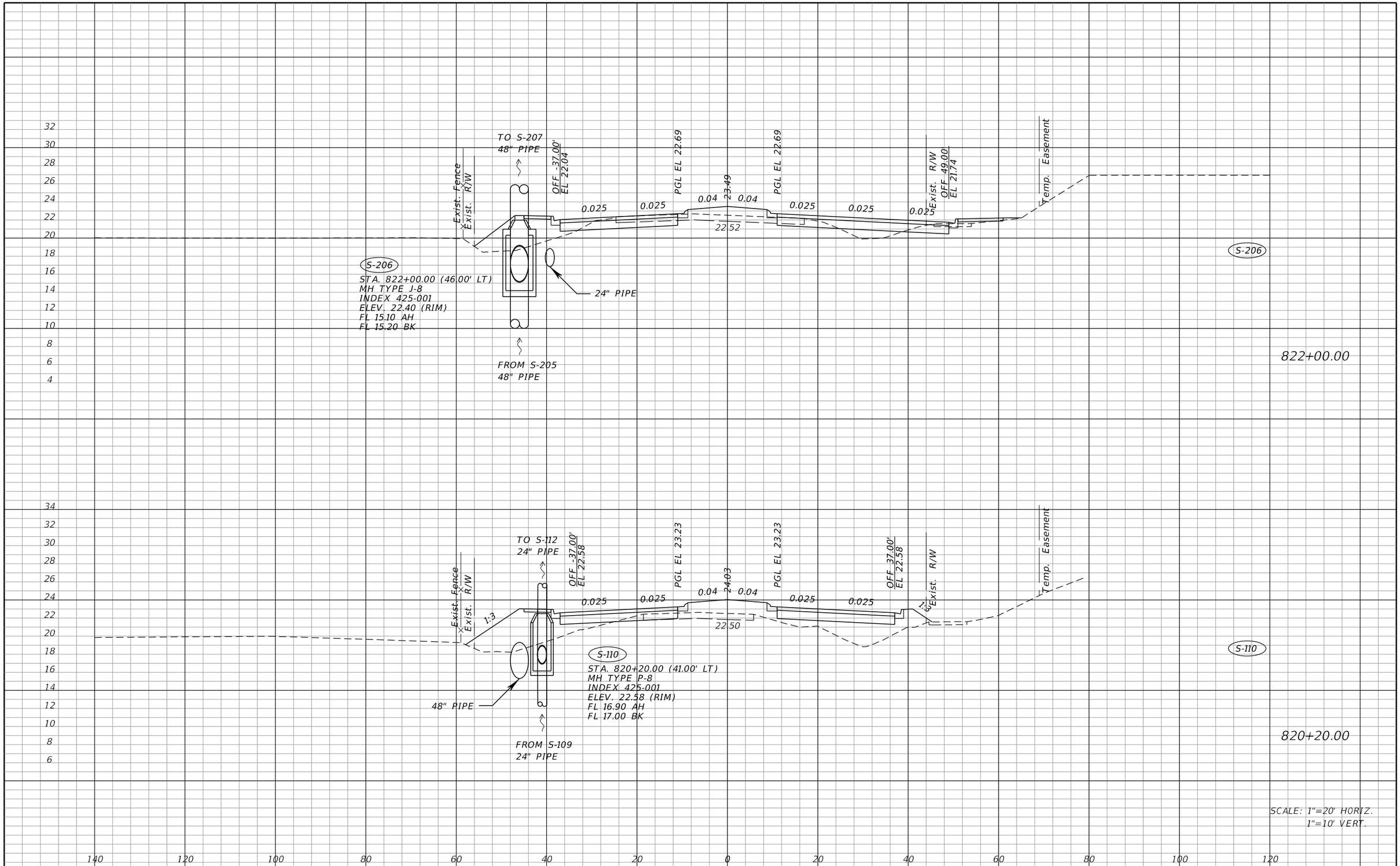
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

DRAINAGE STRUCTURES

SHEET NO. 42



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DEPARTMENT OF TRANSPORTATION

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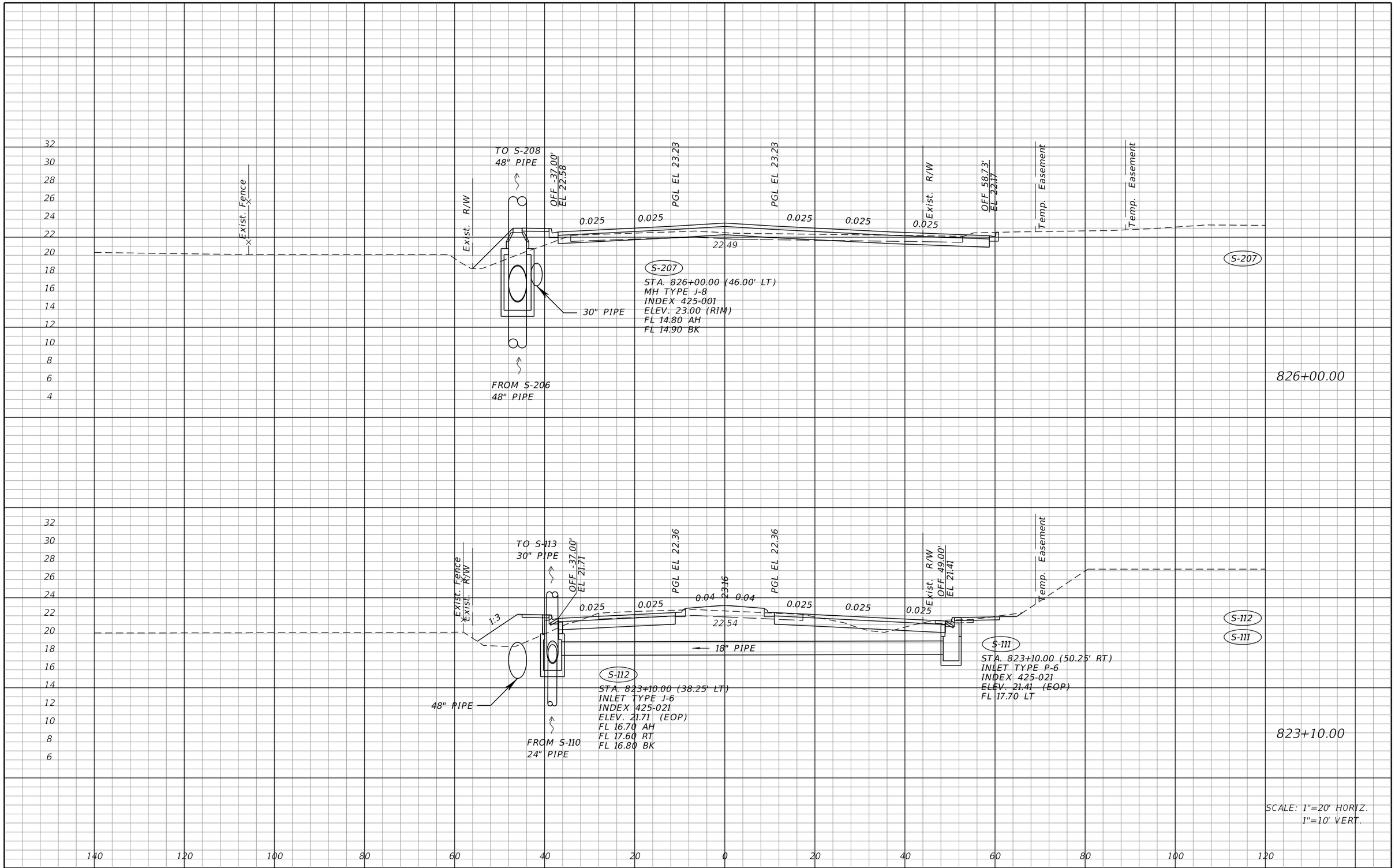
	LEE	20192030-000

DRAINAGE STRUCTURES

SHEET NO. 43



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DEPARTMENT OF TRANSPORTATION

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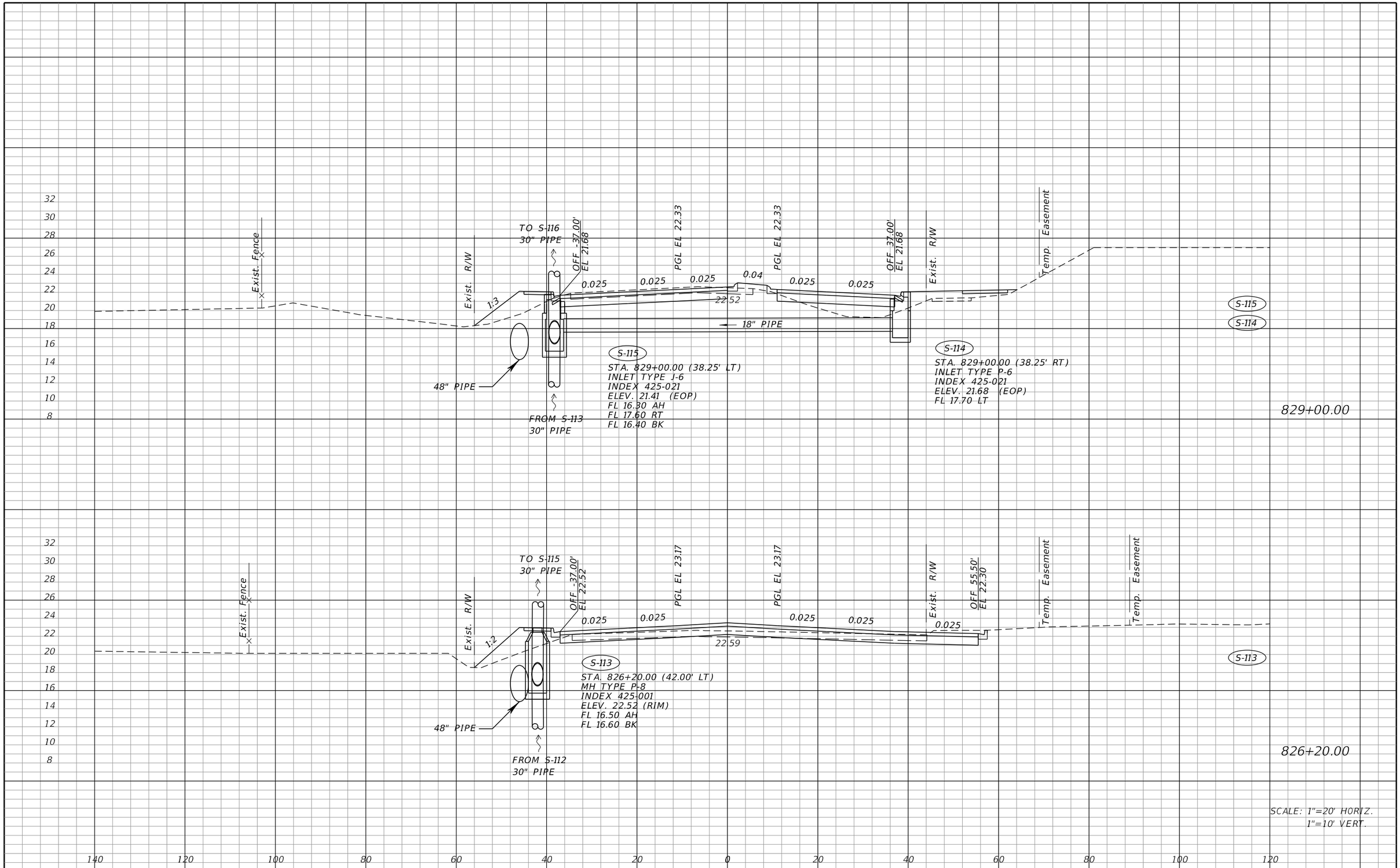
DRAINAGE STRUCTURES

SHEET NO. 44



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DEPARTMENT OF TRANSPORTATION

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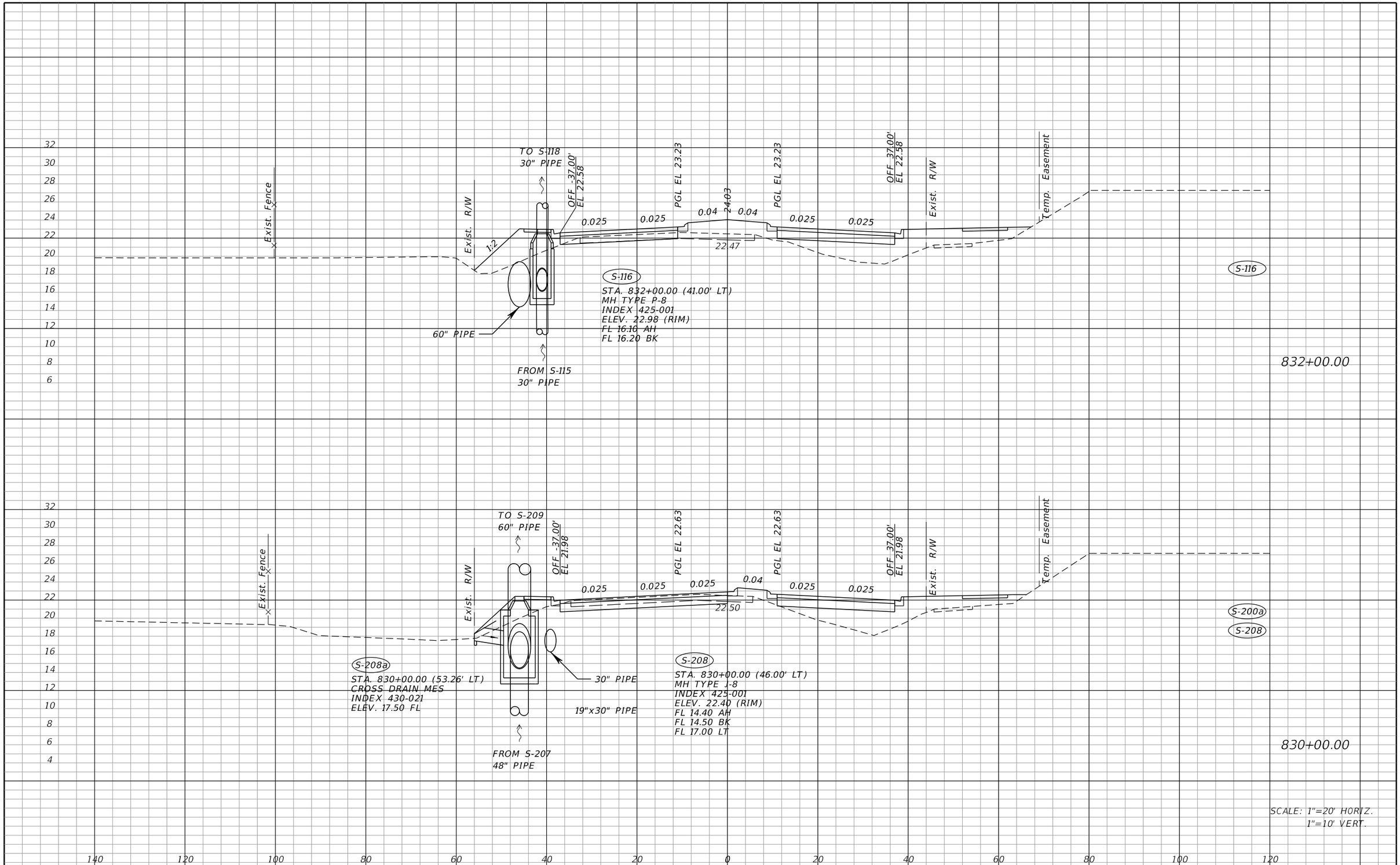
DRAINAGE STRUCTURES

SHEET NO.
45



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DEPARTMENT OF TRANSPORTATION

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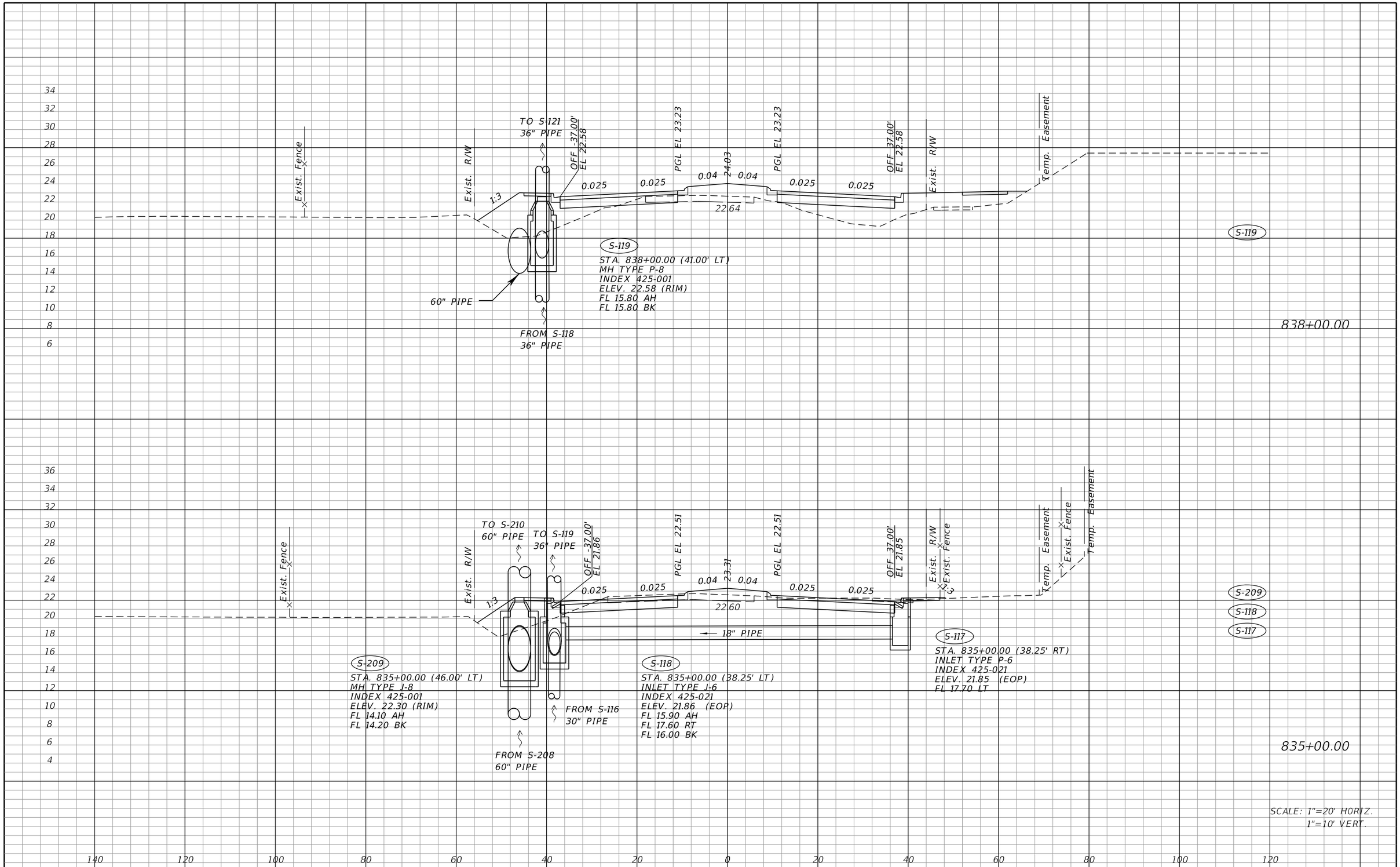
	LEE	20192030-000

DRAINAGE STRUCTURES

SHEET NO. 46



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DEPARTMENT OF TRANSPORTATION

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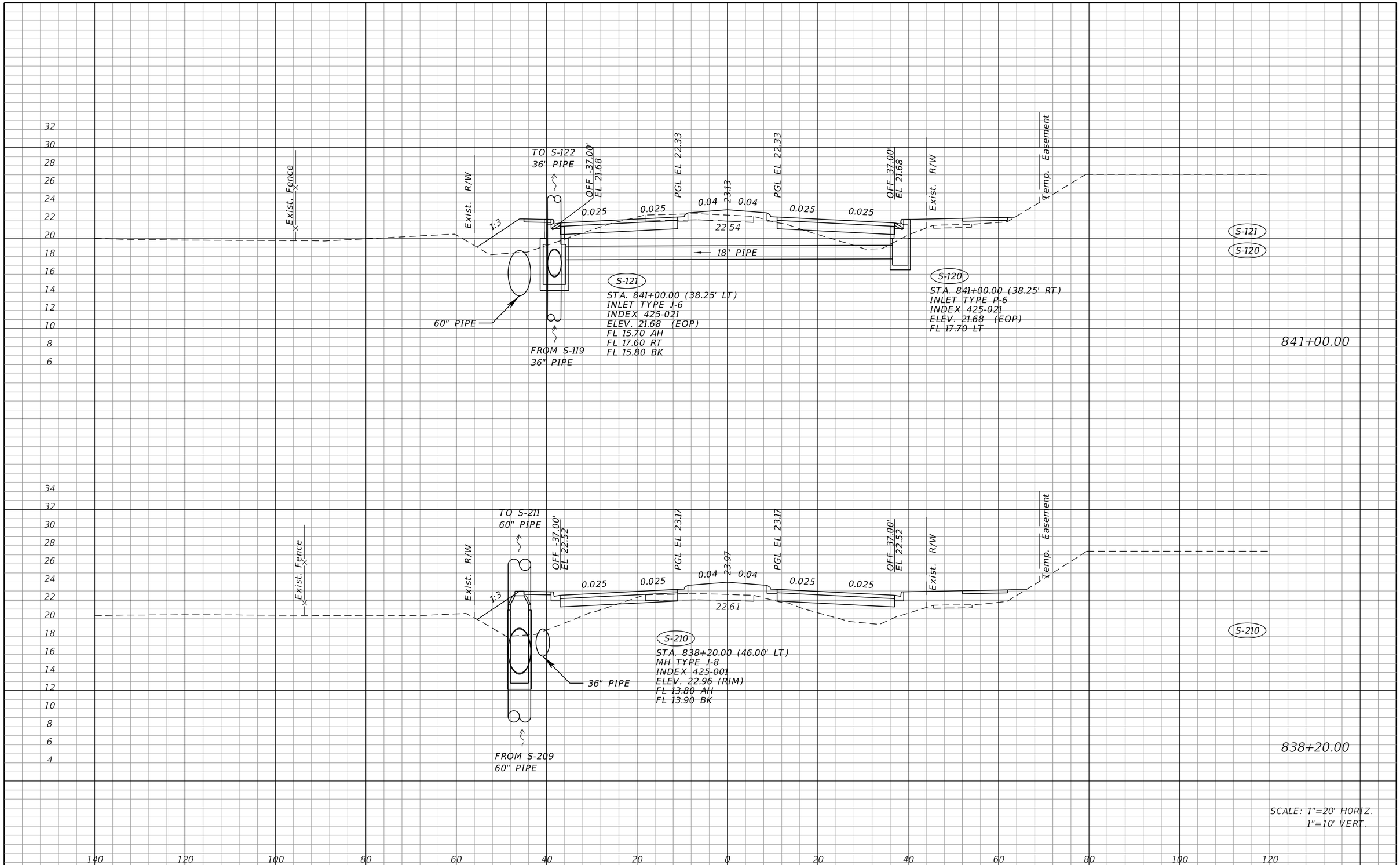
	LEE	20192030-000

DRAINAGE STRUCTURES

SHEET NO.
47



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DRAINAGE STRUCTURES

SHEET NO. 48

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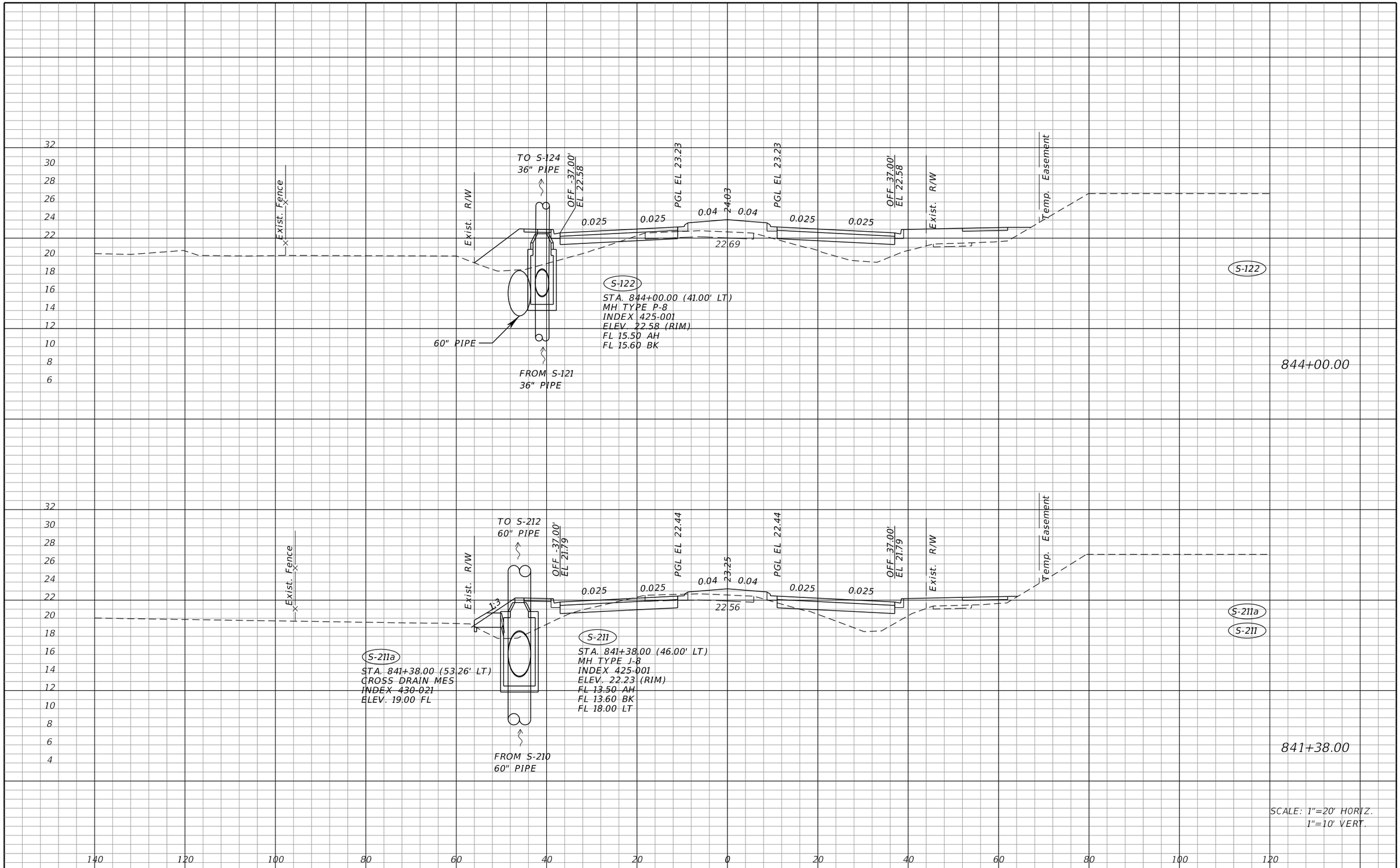

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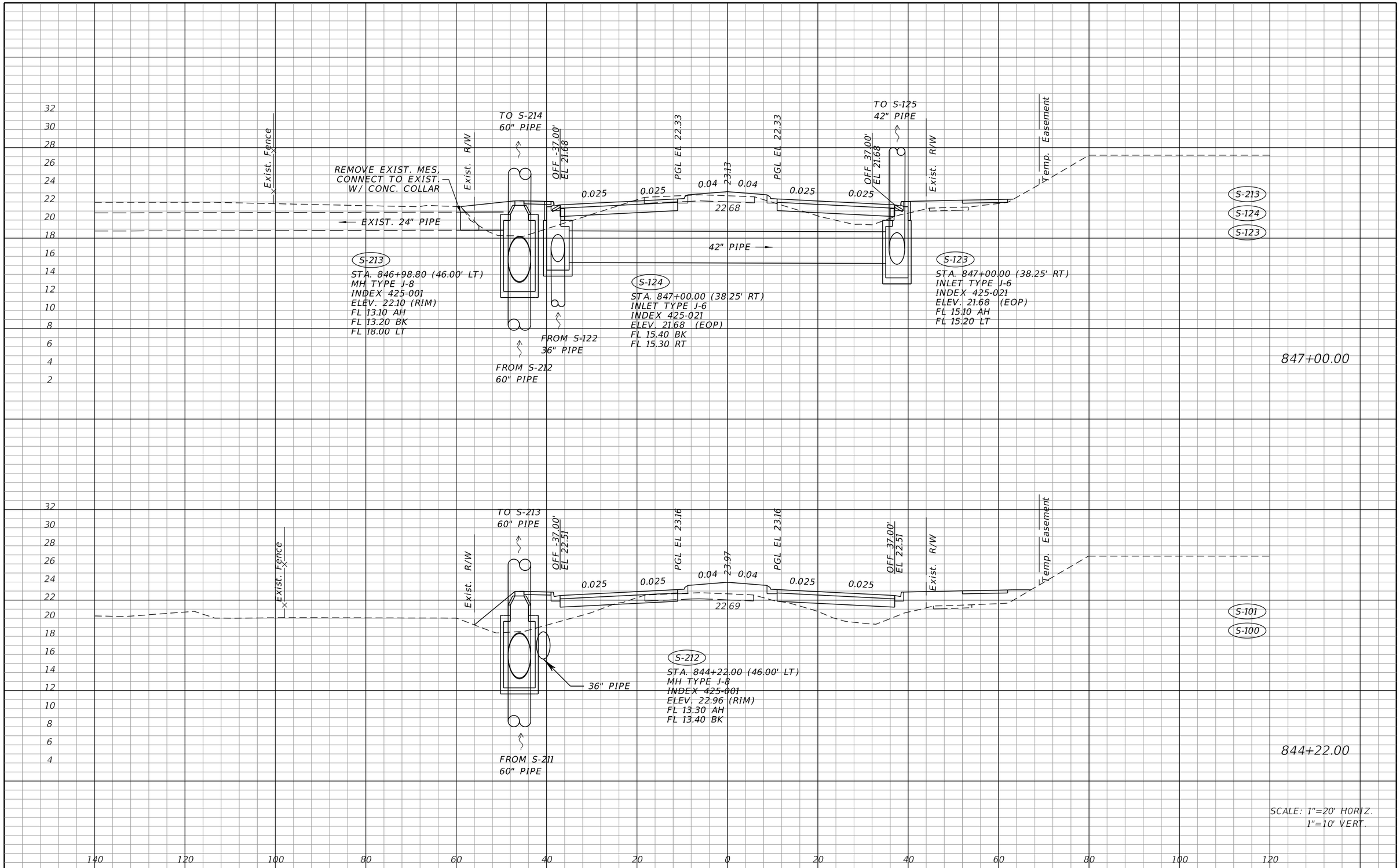
	LEE	20192030-000

DRAINAGE STRUCTURES

SHEET NO. 49



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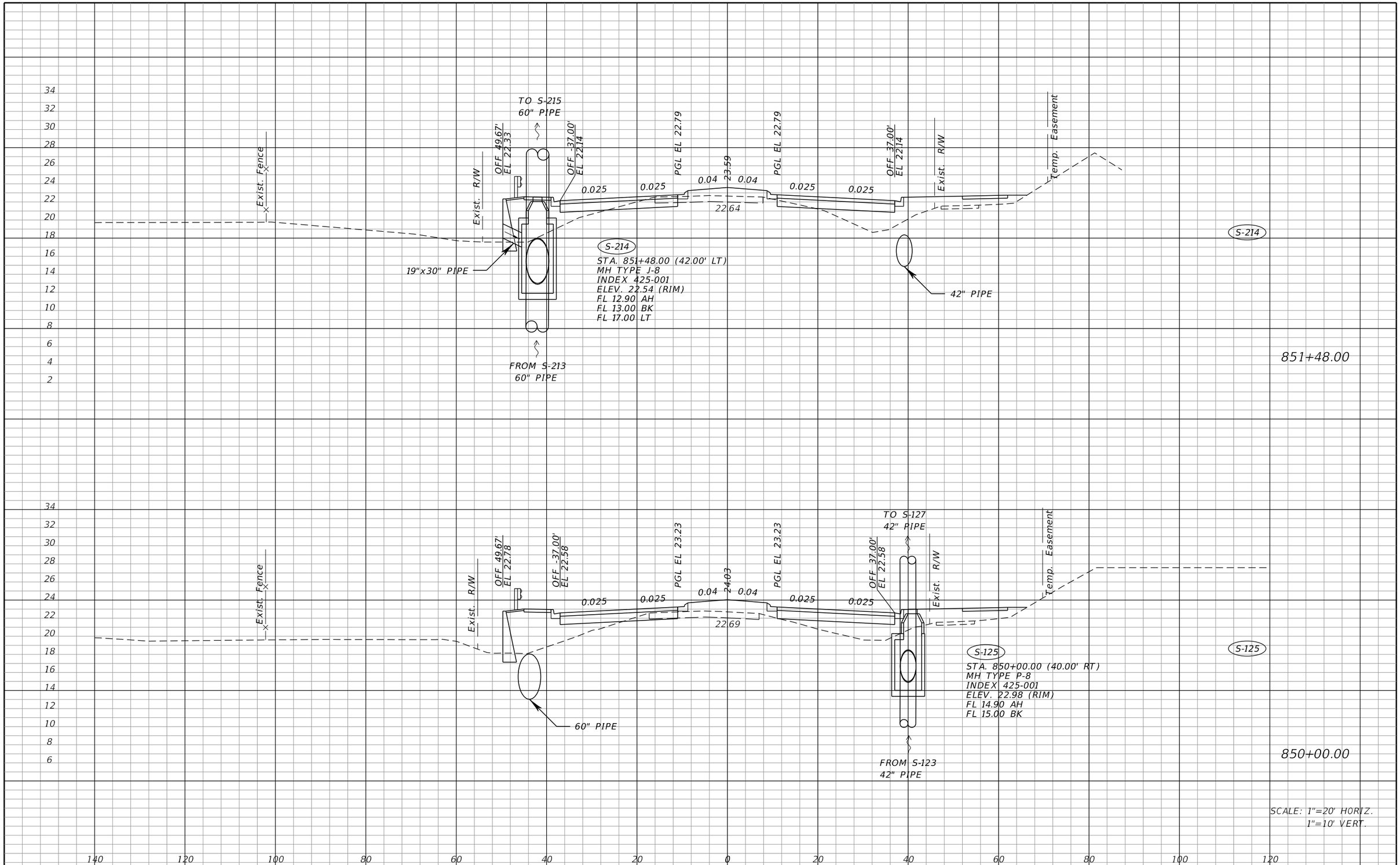
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

DRAINAGE STRUCTURES

SHEET NO.
50



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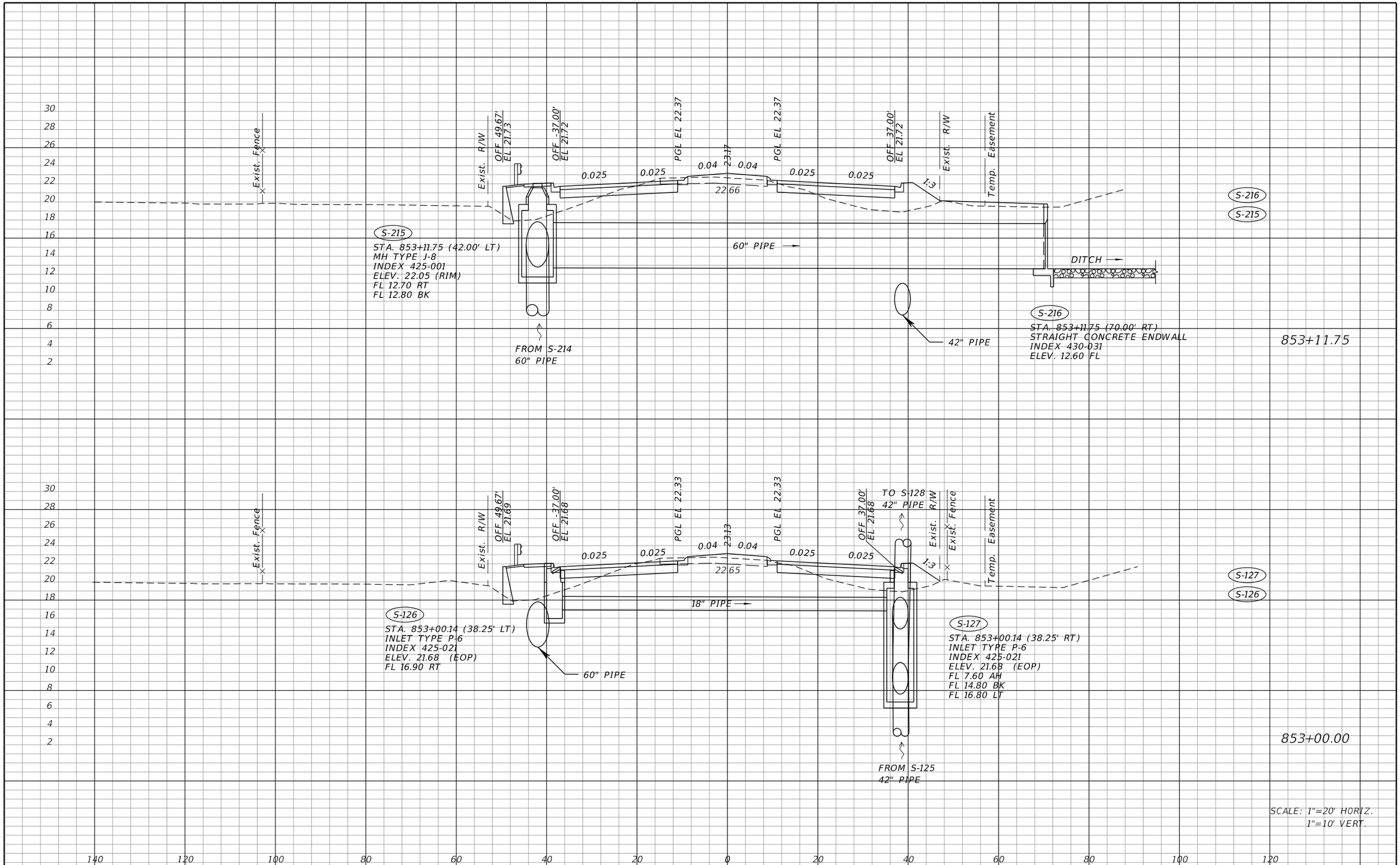
LEE COUNTY PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

DRAINAGE STRUCTURES

SHEET NO. 51



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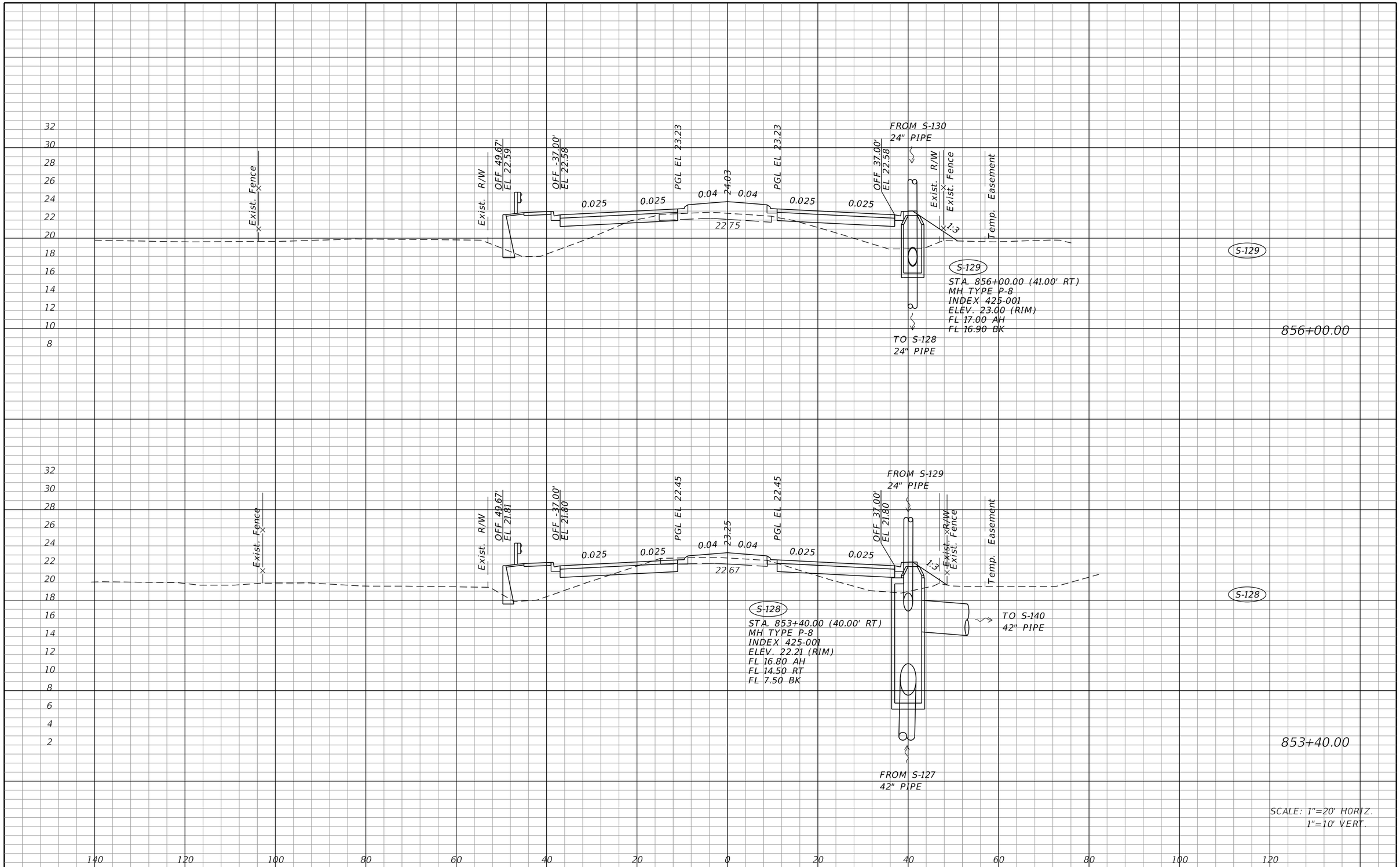
	LEE	20192030-000

DRAINAGE STRUCTURES

SHEET NO. 52



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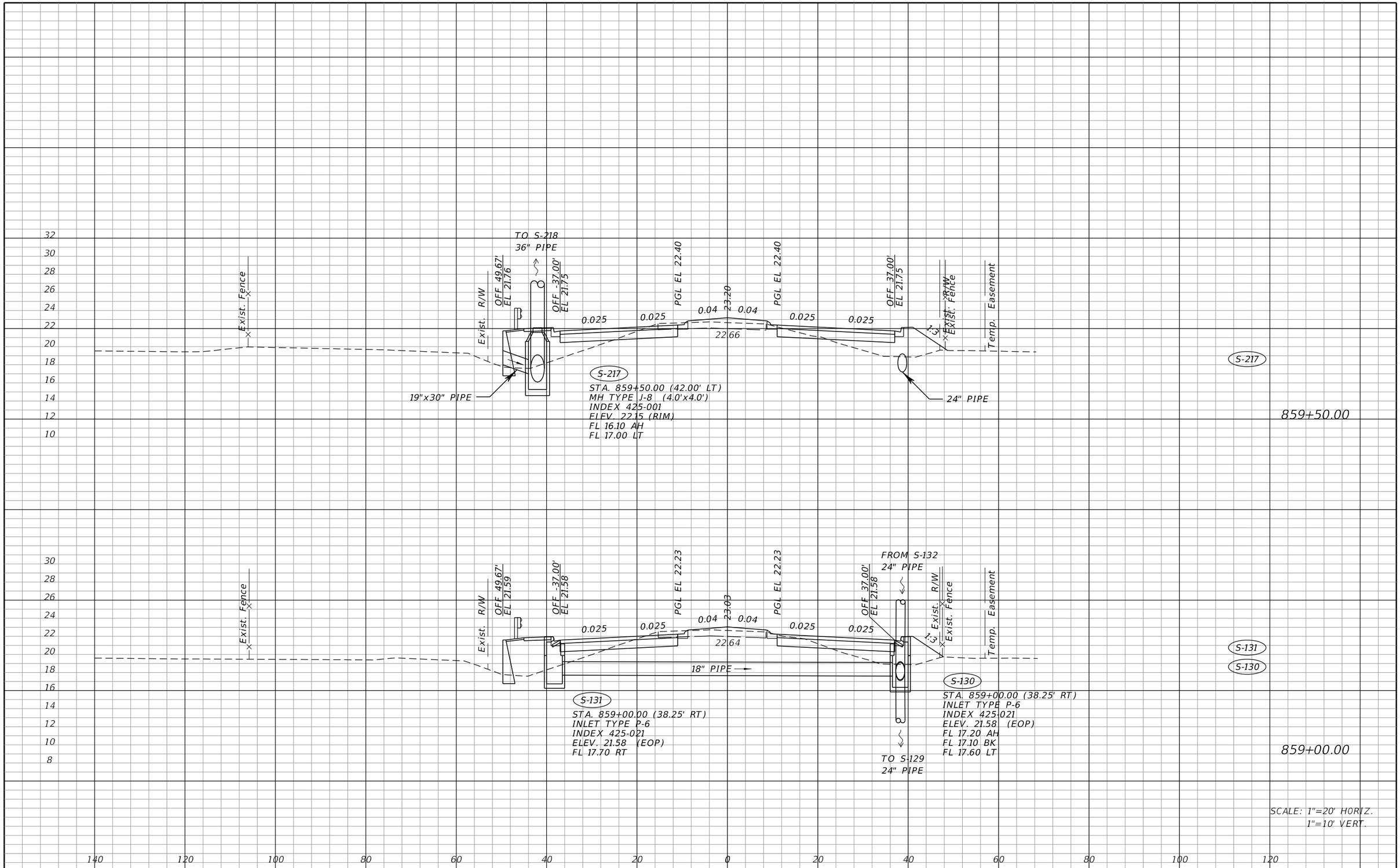
	LEE	20192030-000

DRAINAGE STRUCTURES

SHEET NO. 53



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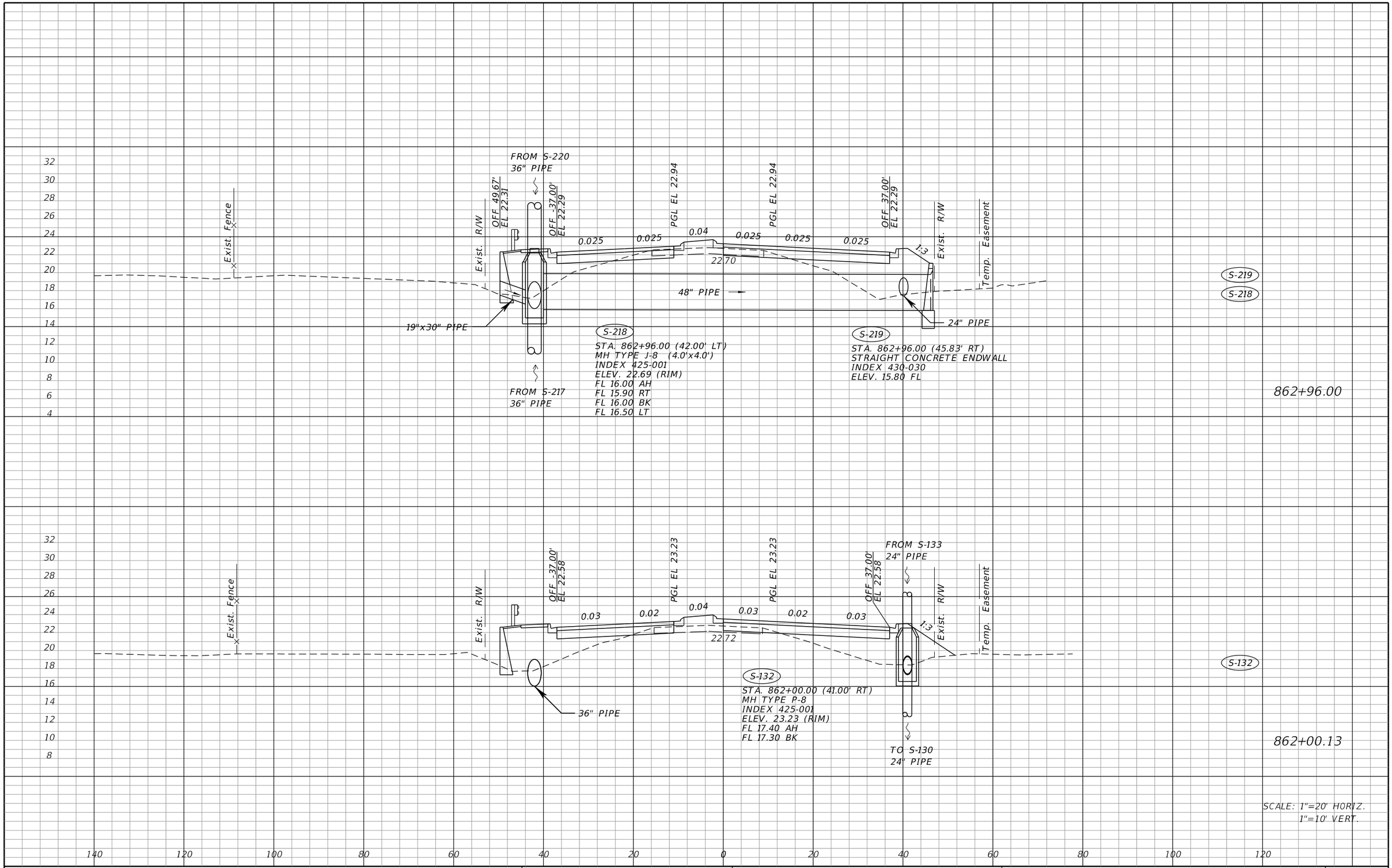
DRAINAGE STRUCTURES

SHEET NO. 54



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DEPARTMENT OF TRANSPORTATION

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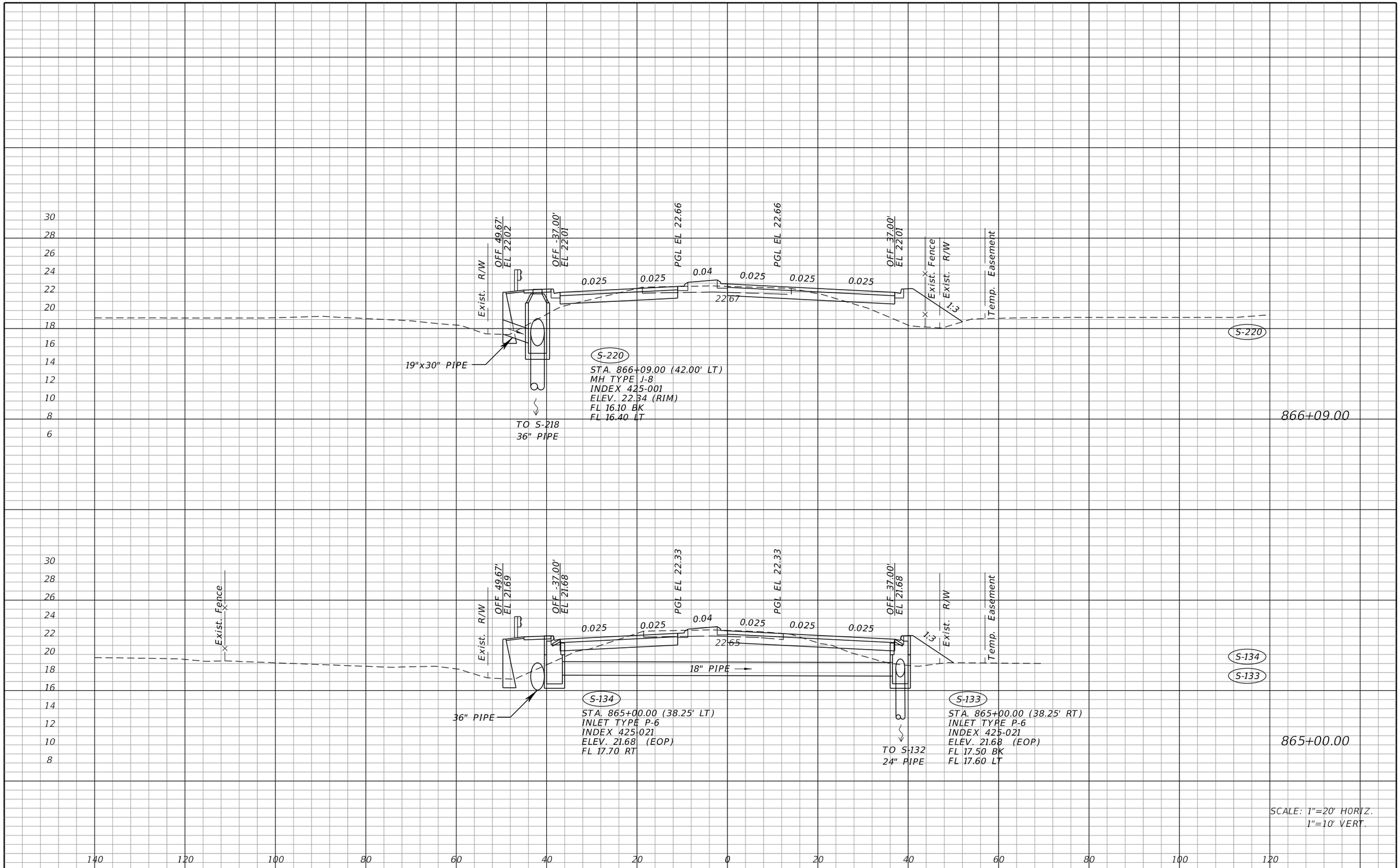
DRAINAGE STRUCTURES

SHEET NO. 55



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DEPARTMENT OF TRANSPORTATION

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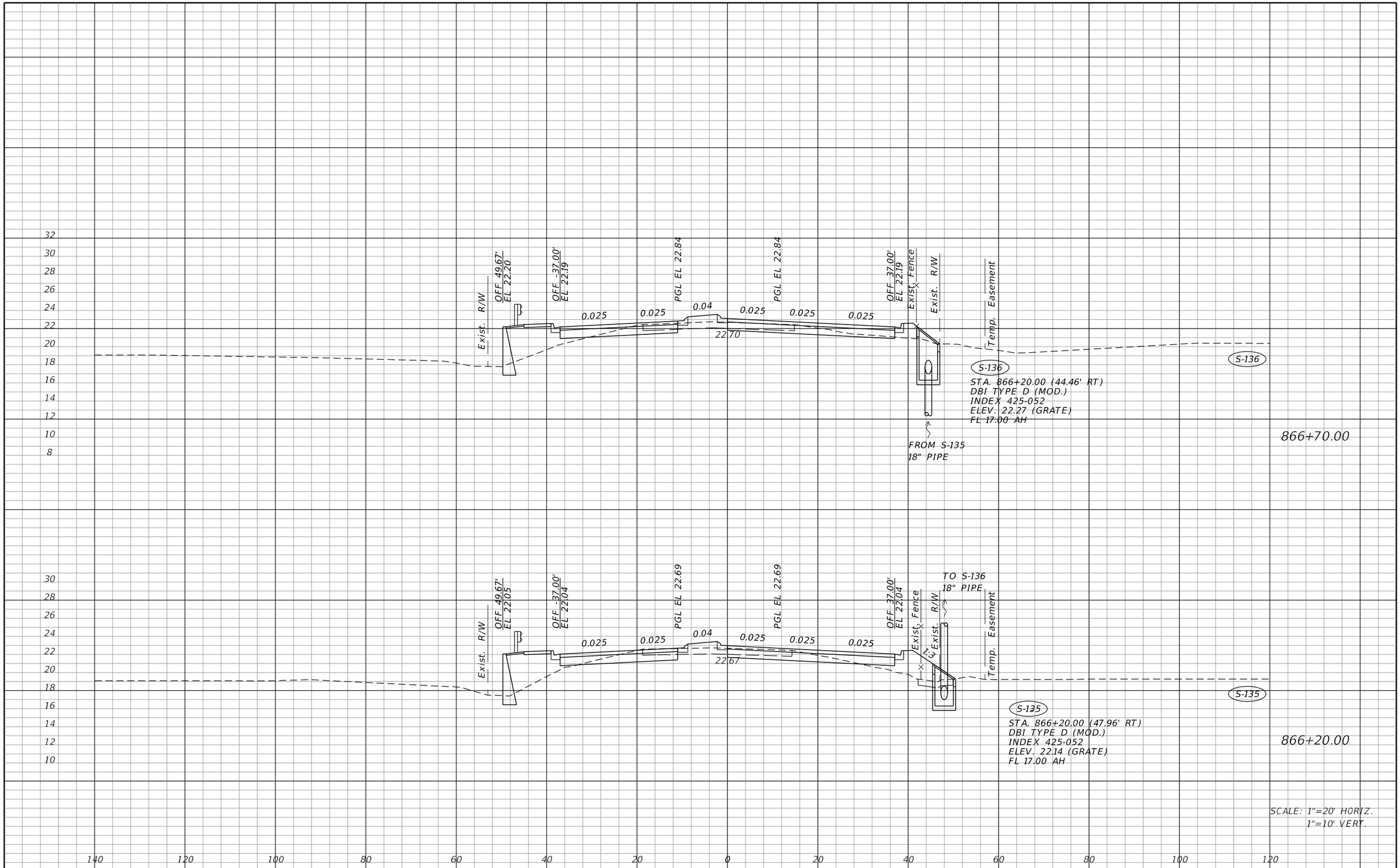
	LEE	20192030-000

DRAINAGE STRUCTURES

SHEET NO. 56



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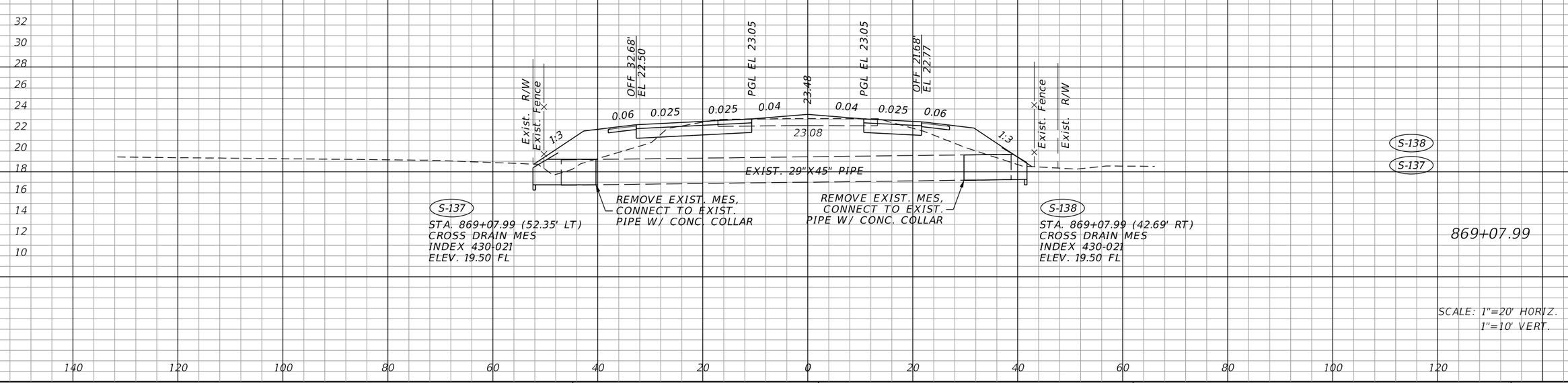
DRAINAGE STRUCTURES

SHEET NO. 57



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DRAINAGE STRUCTURES

SHEET NO.
58

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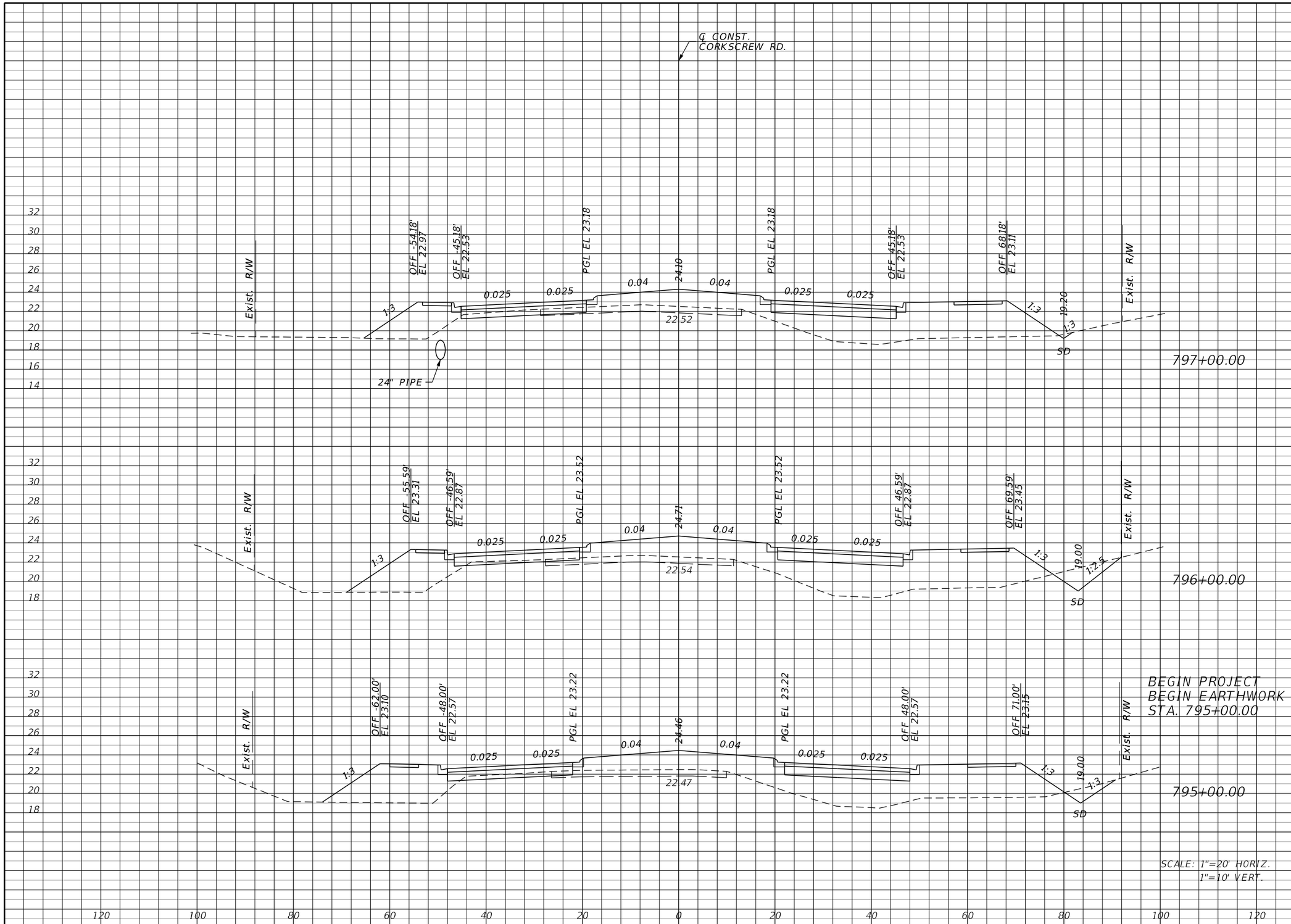

Regular Exc.		Embankment	
A	V	A	V
9.1	56.5	258.5	1063.7
21.4	68.3	315.9	1170.4
15.5	0.0	316.1	0.0

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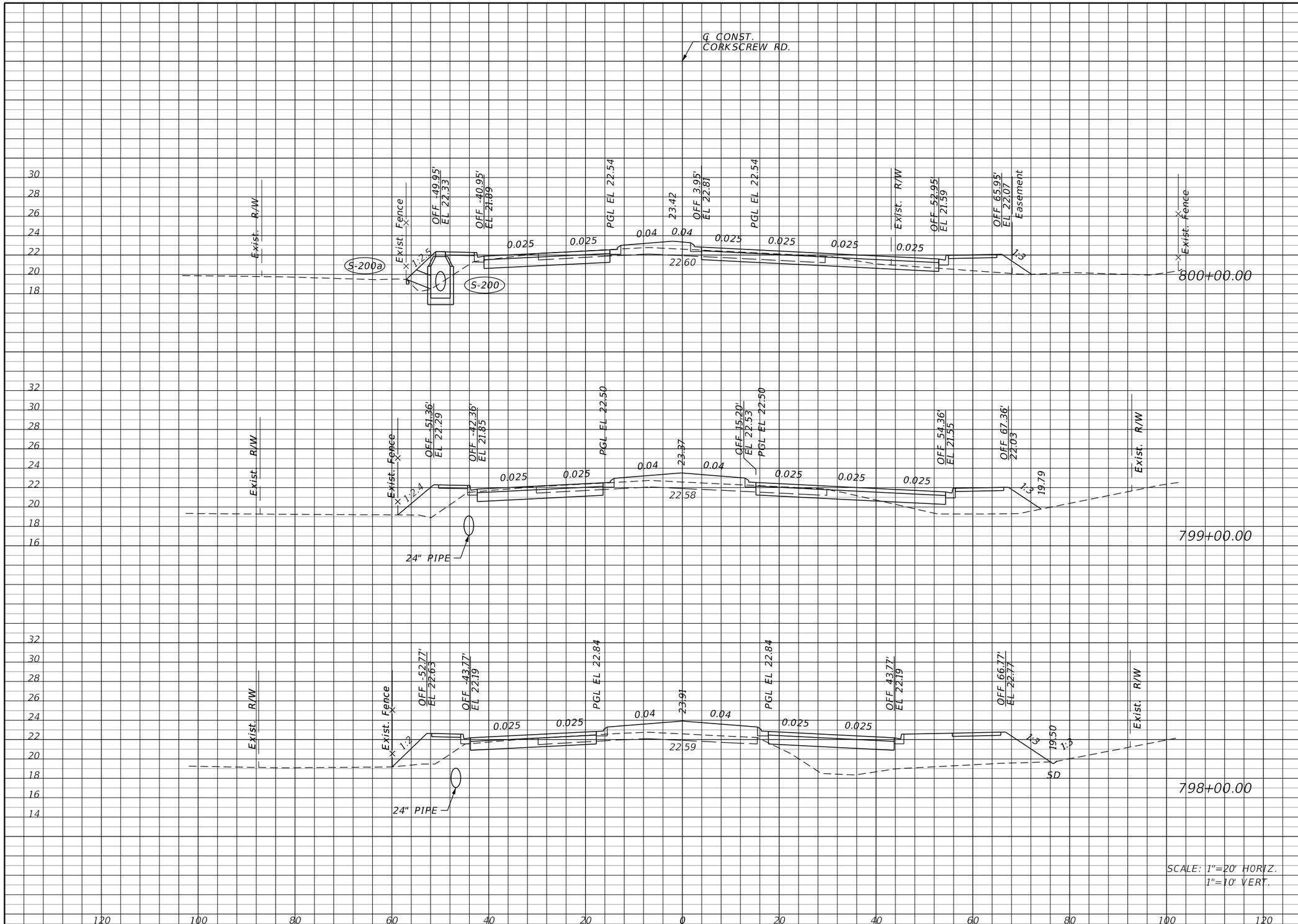
CROSS SECTIONS
CORKSCREW ROAD

SHEET NO.
59



Regular Exc.		Embankment	
A	V	A	V
42.7	139.6	59.6	276.5
32.7	87.4	89.7	535.9
14.5	43.7	199.7	848.5

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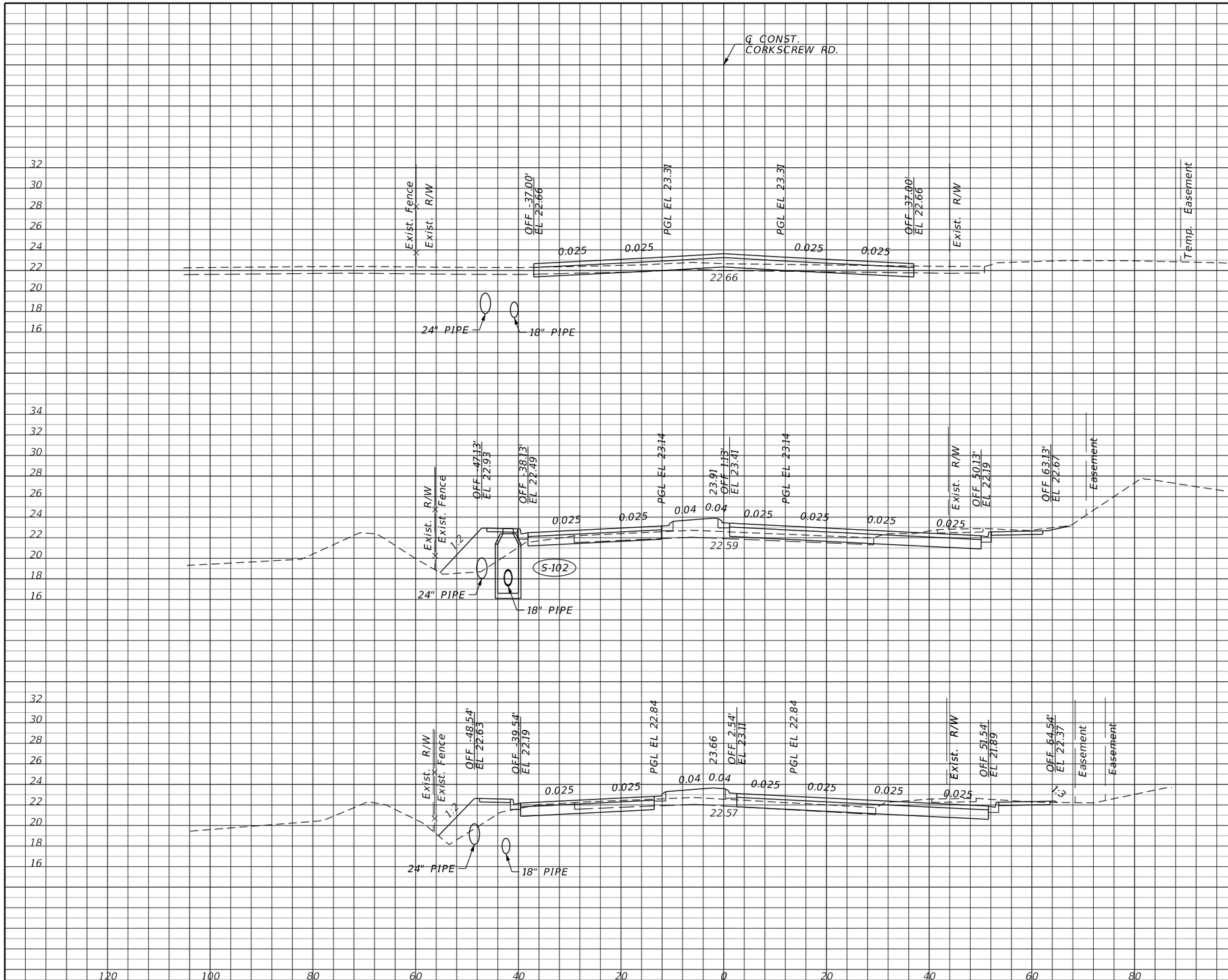
CROSS SECTIONS
CORKSCREW ROAD

SHEET NO.
60



Regular Exc.		Embankment	
A	V	A	V
6.8	90.0	0.0	90.2
41.8	179.4	48.7	155.9
55.1	181.1	35.5	176.1

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REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

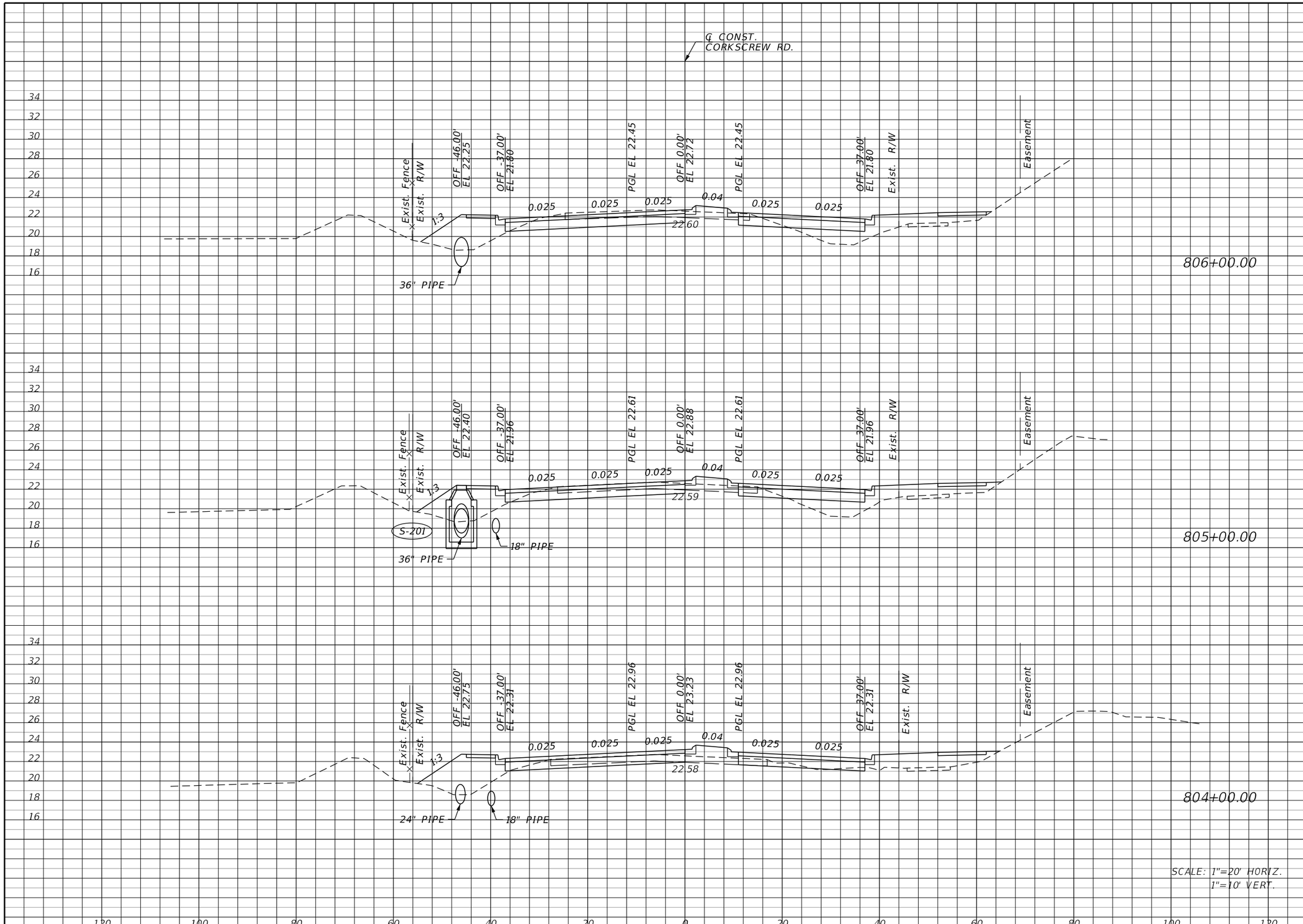
JOHNSON ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

CROSS SECTIONS
CORKSCREW ROAD

SHEET NO.
61



Regular Exc.		Embankment	
A	V	A	V
36.8	119.8	83.2	325.9
27.9	81.3	92.8	325.2
16.0	42.2	82.8	153.3

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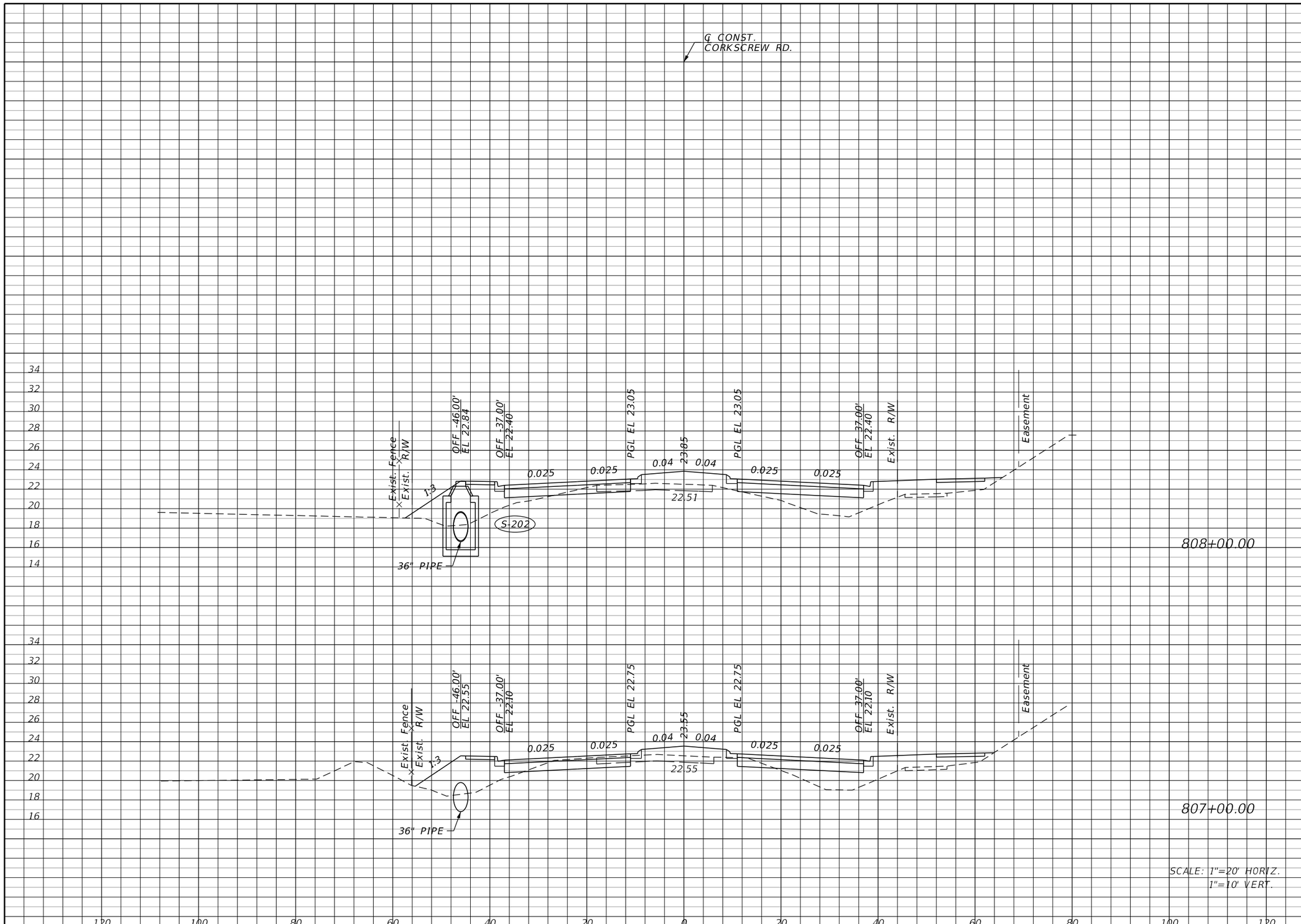
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

CROSS SECTIONS
CORKSCREW ROAD

SHEET NO.
62



Regular Exc.		Embankment	
A	V	A	V
4.5	45.6	150.6	496.5
20.1	105.4	117.5	371.7

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

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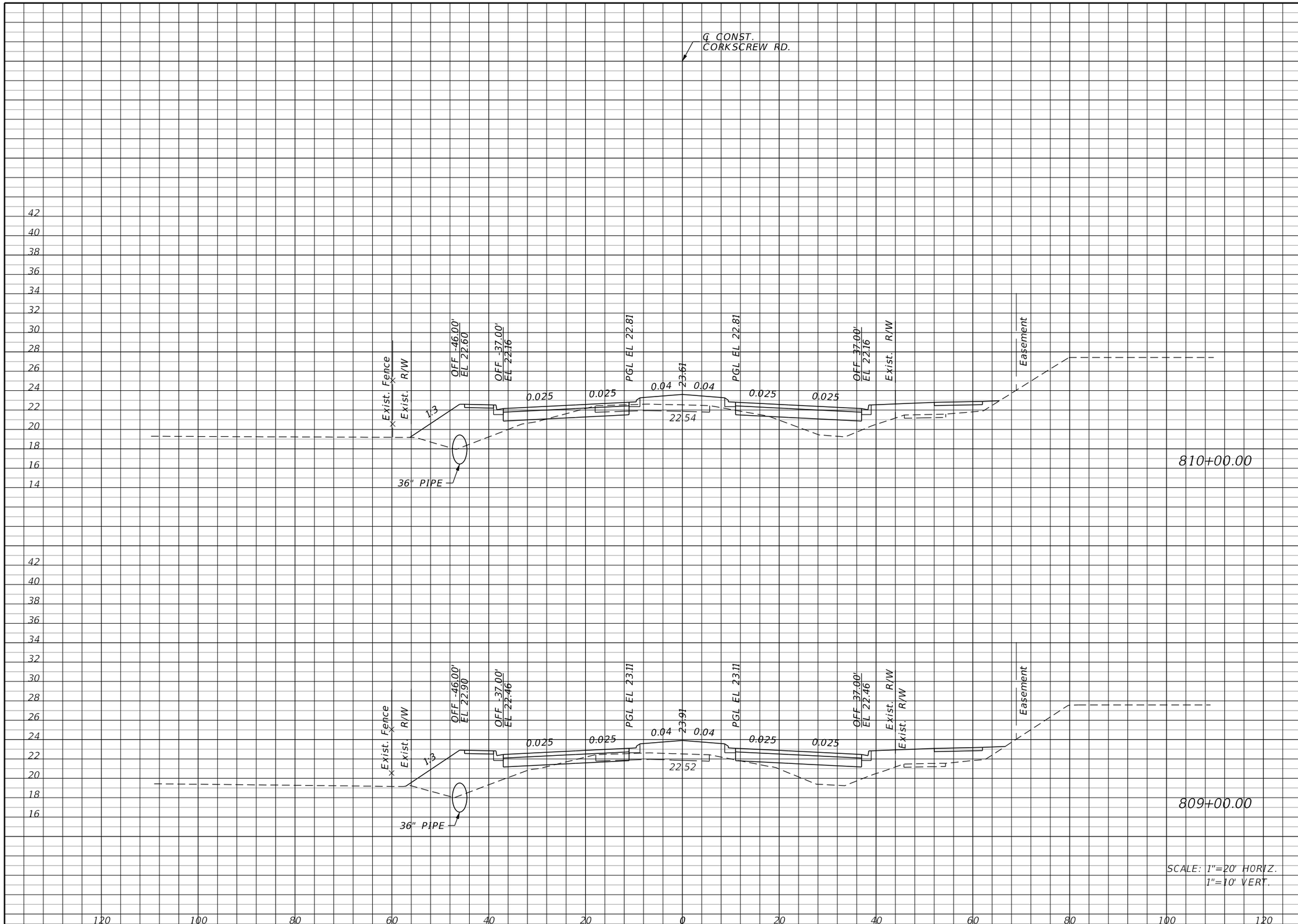
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

CROSS SECTIONS
CORKSCREW ROAD

SHEET NO.
63



Regular Exc.		Embankment	
A	V	A	V
9.8	25.7	127.1	526.7
4.1	15.9	157.3	570.2

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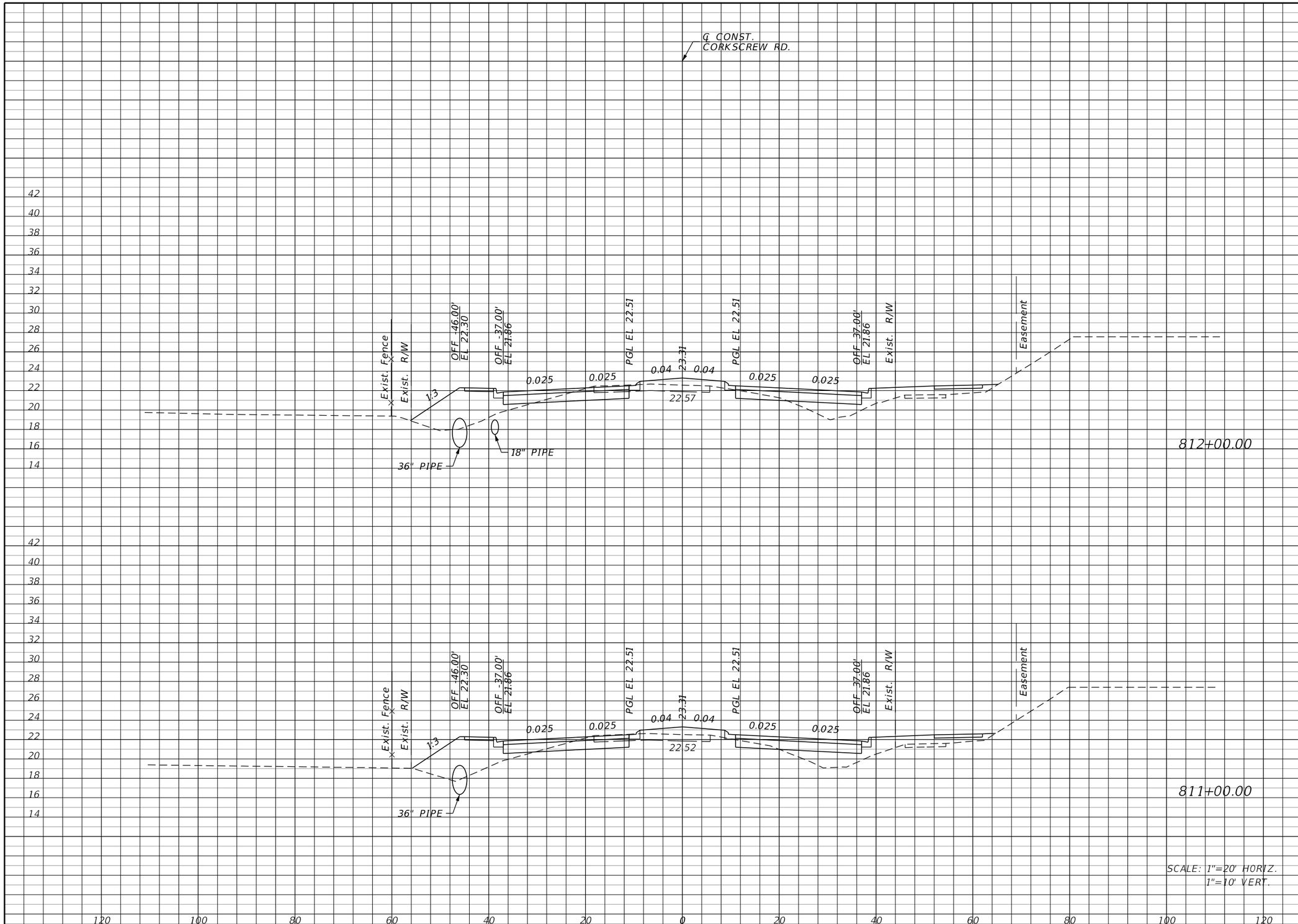
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

CROSS SECTIONS
CORKSCREW ROAD

SHEET NO.
64



Regular Exc.		Embankment	
A	V	A	V
19.9	69.3	101.3	382.0
17.5	50.6	105.0	429.8

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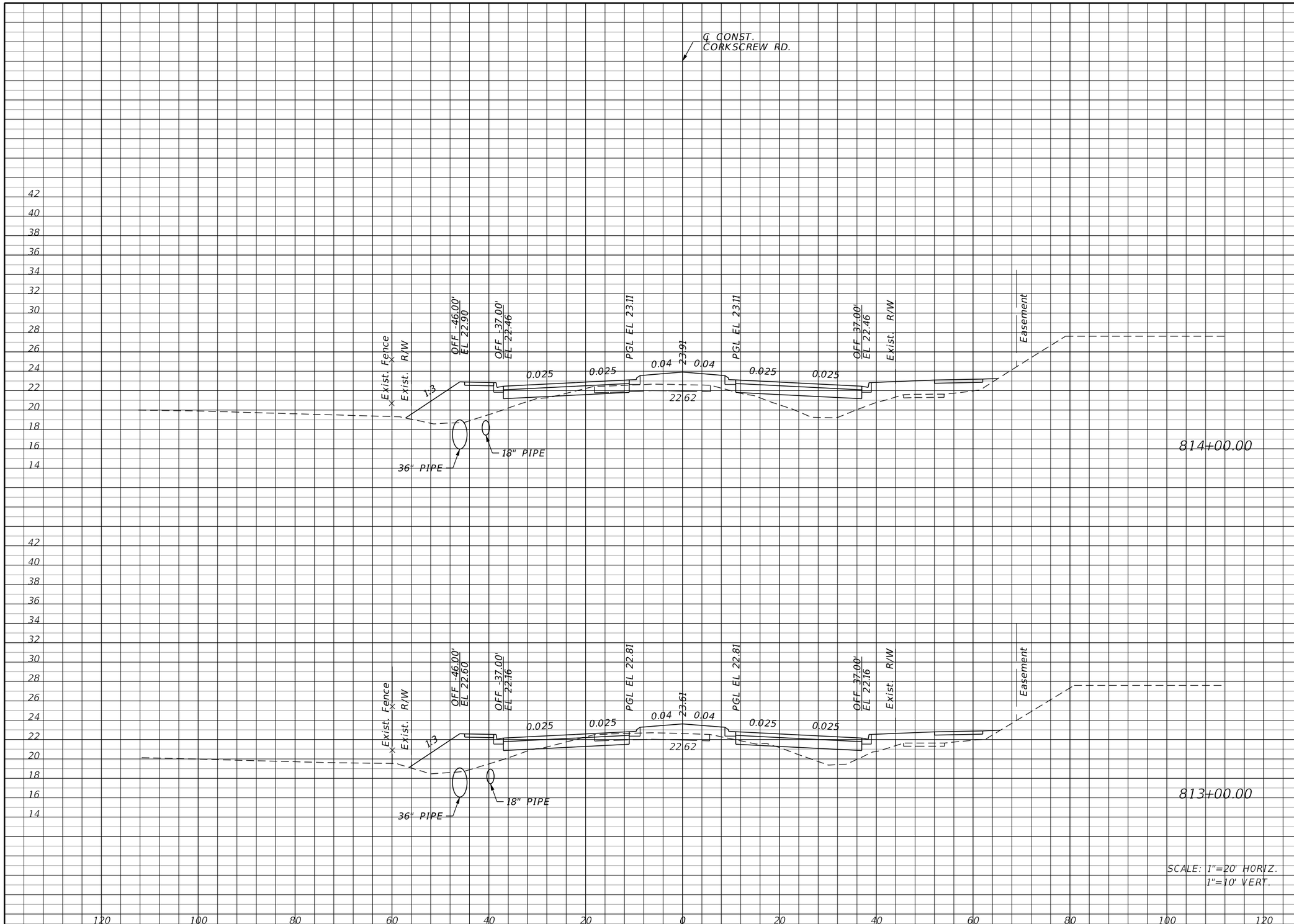
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

CROSS SECTIONS
CORKSCREW ROAD

SHEET NO.
65



Regular Exc.		Embankment	
A	V	A	V
4.2		148.5	
	29.8		485.0
11.9		113.4	
	58.9		397.6

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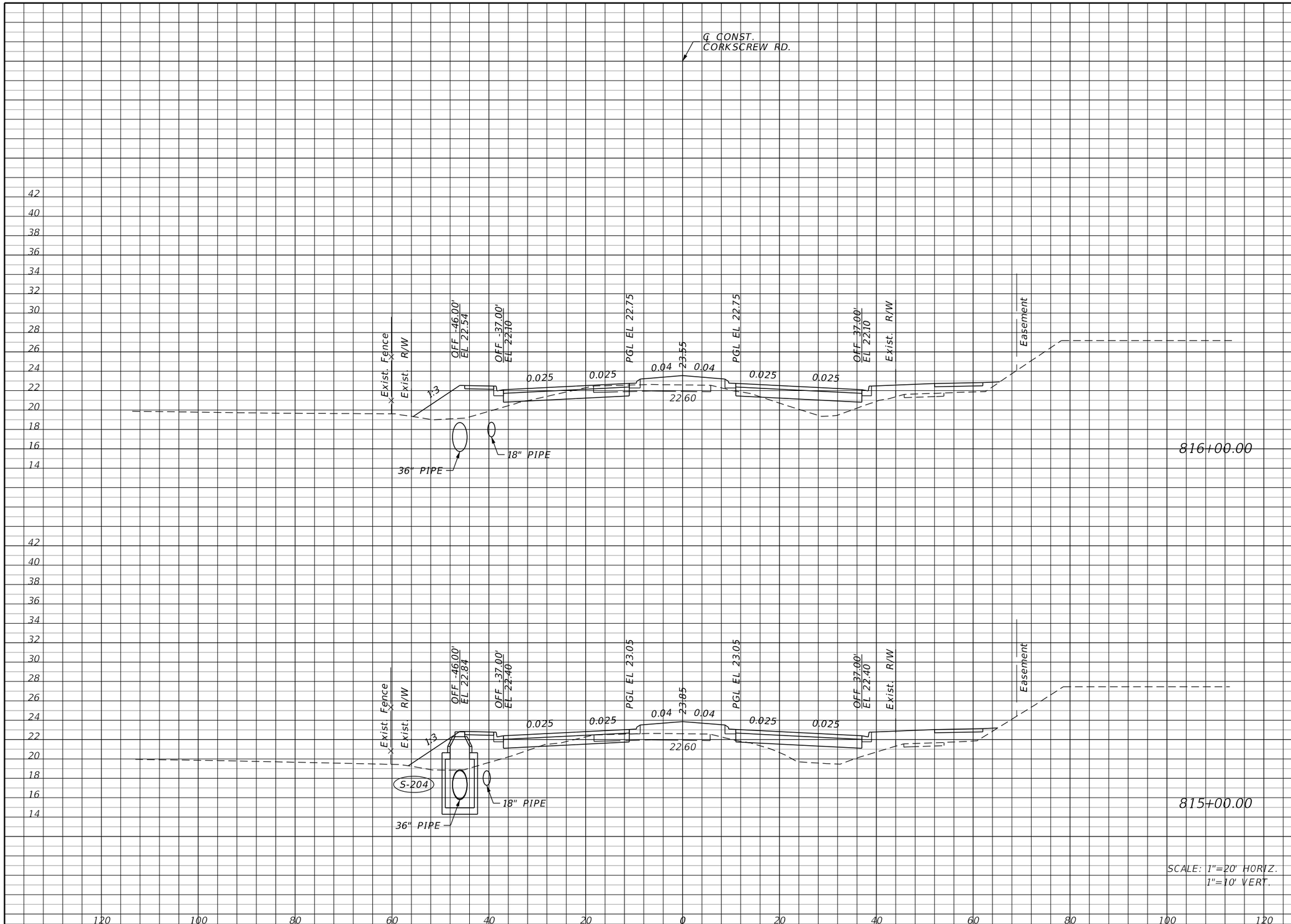
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

CROSS SECTIONS
CORKSCREW ROAD

SHEET NO.
66



Regular Exc.		Embankment	
A	V	A	V
13.8	37.4	101.0	439.1
6.4	19.6	136.1	527.0

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

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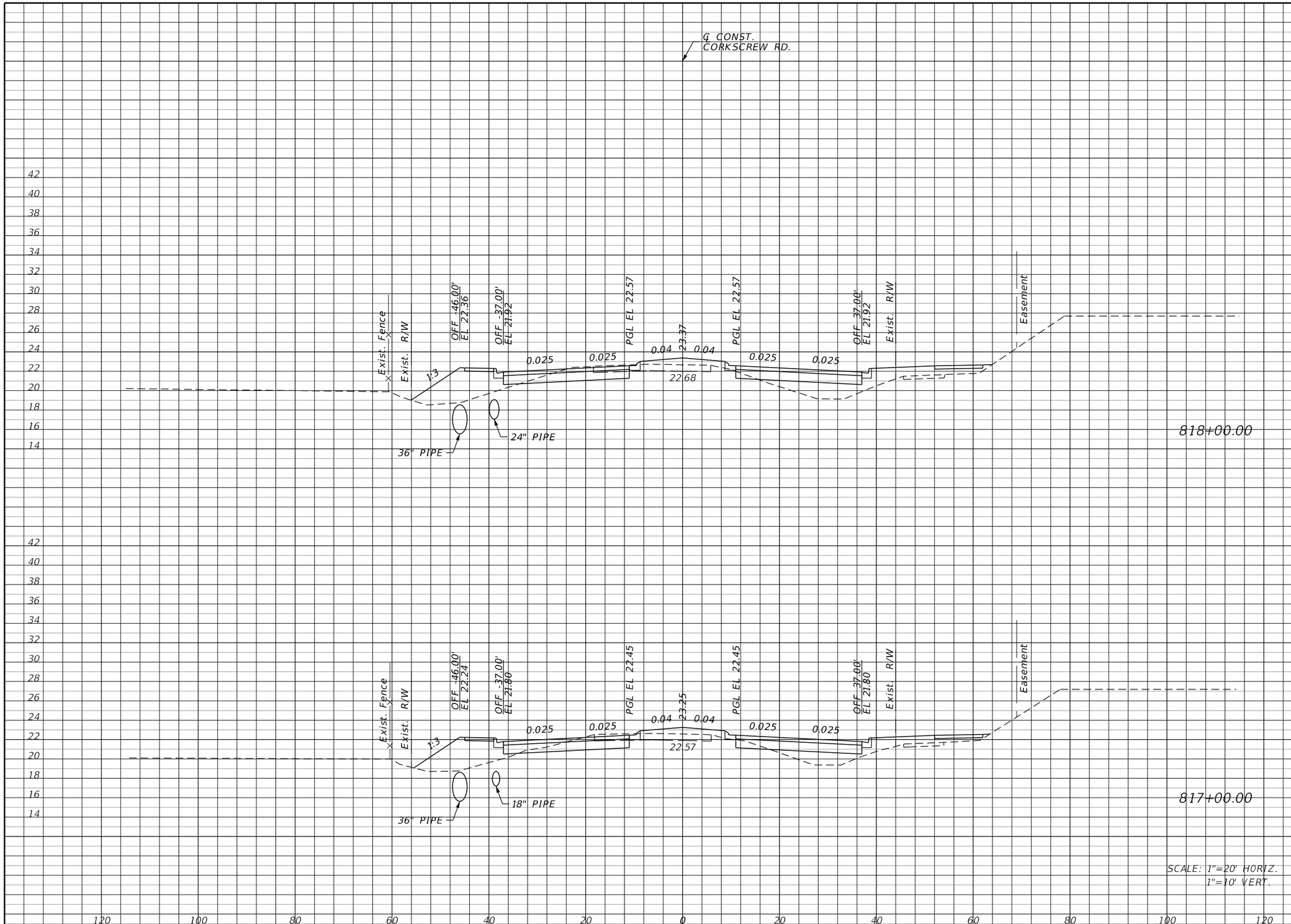
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

CROSS SECTIONS
CORKSCREW ROAD

SHEET NO.
67



Regular Exc.		Embankment	
A	V	A	V
21.4	79.3	100.2	340.6
21.4	65.2	83.7	342.0

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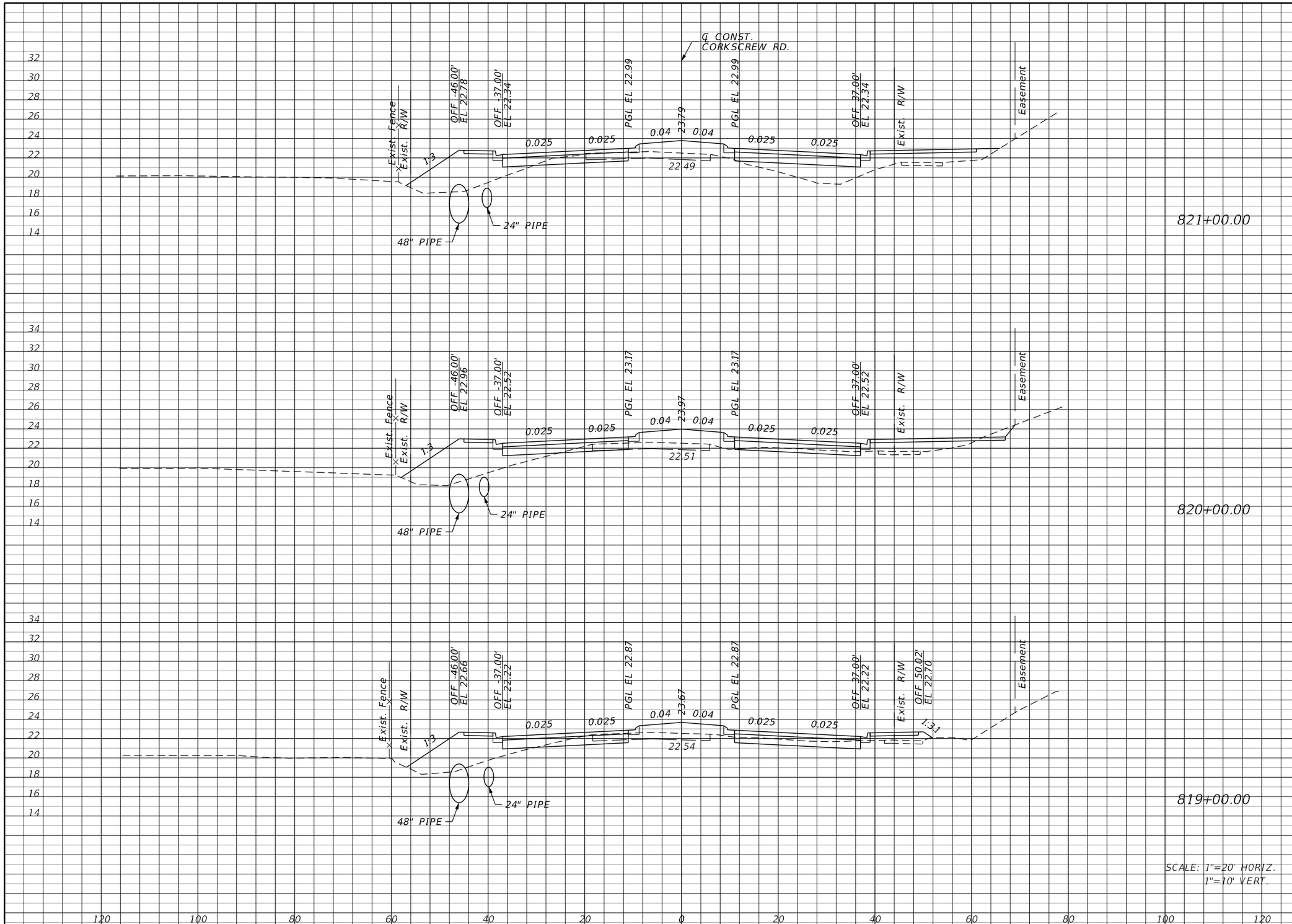
LEE COUNTY PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

CROSS SECTIONS
CORKSCREW ROAD

SHEET NO. 68



	Regular Exc.		Embankment	
	A	V	A	V
821+00.00	9.0	46.7	139.0	463.7
820+00.00	16.2	76.7	111.4	347.0
819+00.00	25.2	86.3	76.0	326.3

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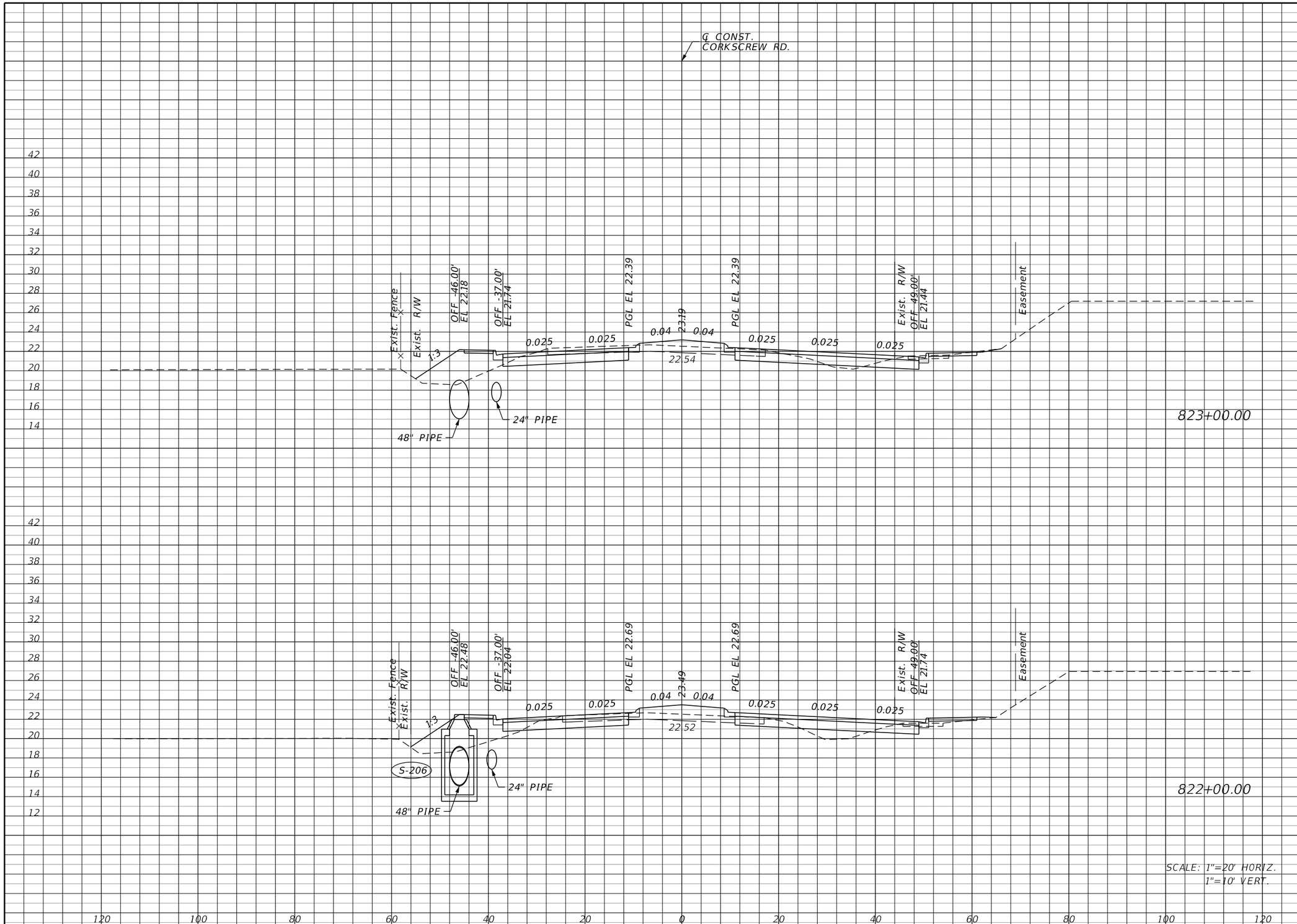
LEE COUNTY PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

CROSS SECTIONS
CORKSCREW ROAD

SHEET NO.
69



Regular Exc.		Embankment	
A	V	A	V
48.0	139.6	46.7	218.3
27.4	67.4	71.2	389.3

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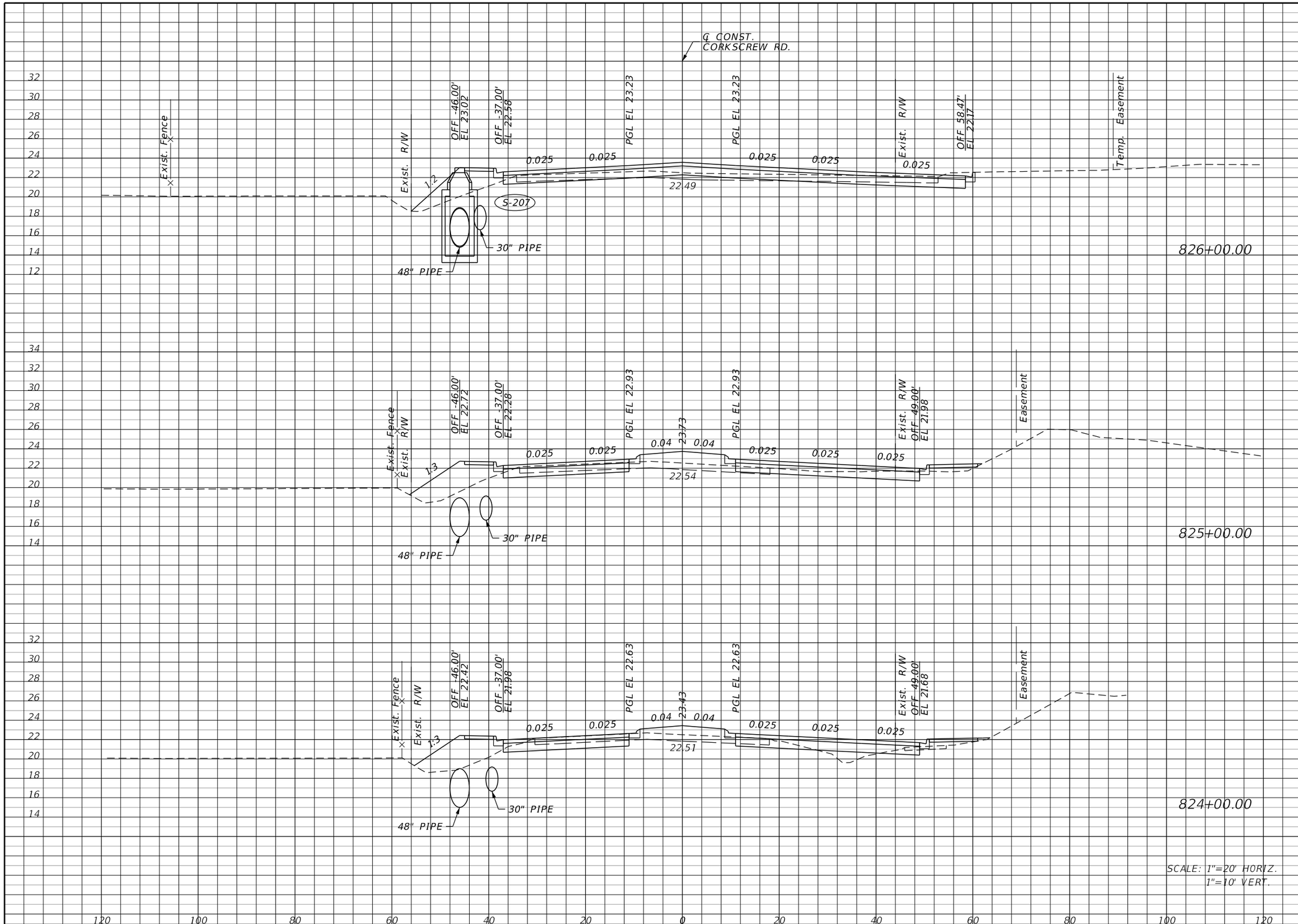
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

CROSS SECTIONS
CORKSCREW ROAD

SHEET NO.
70



Regular Exc.		Embankment	
A	V	A	V
21.4	98.7	31.8	168.1
31.9	108.0	59.0	222.0
26.4	137.8	60.9	199.3

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DEPARTMENT OF TRANSPORTATION

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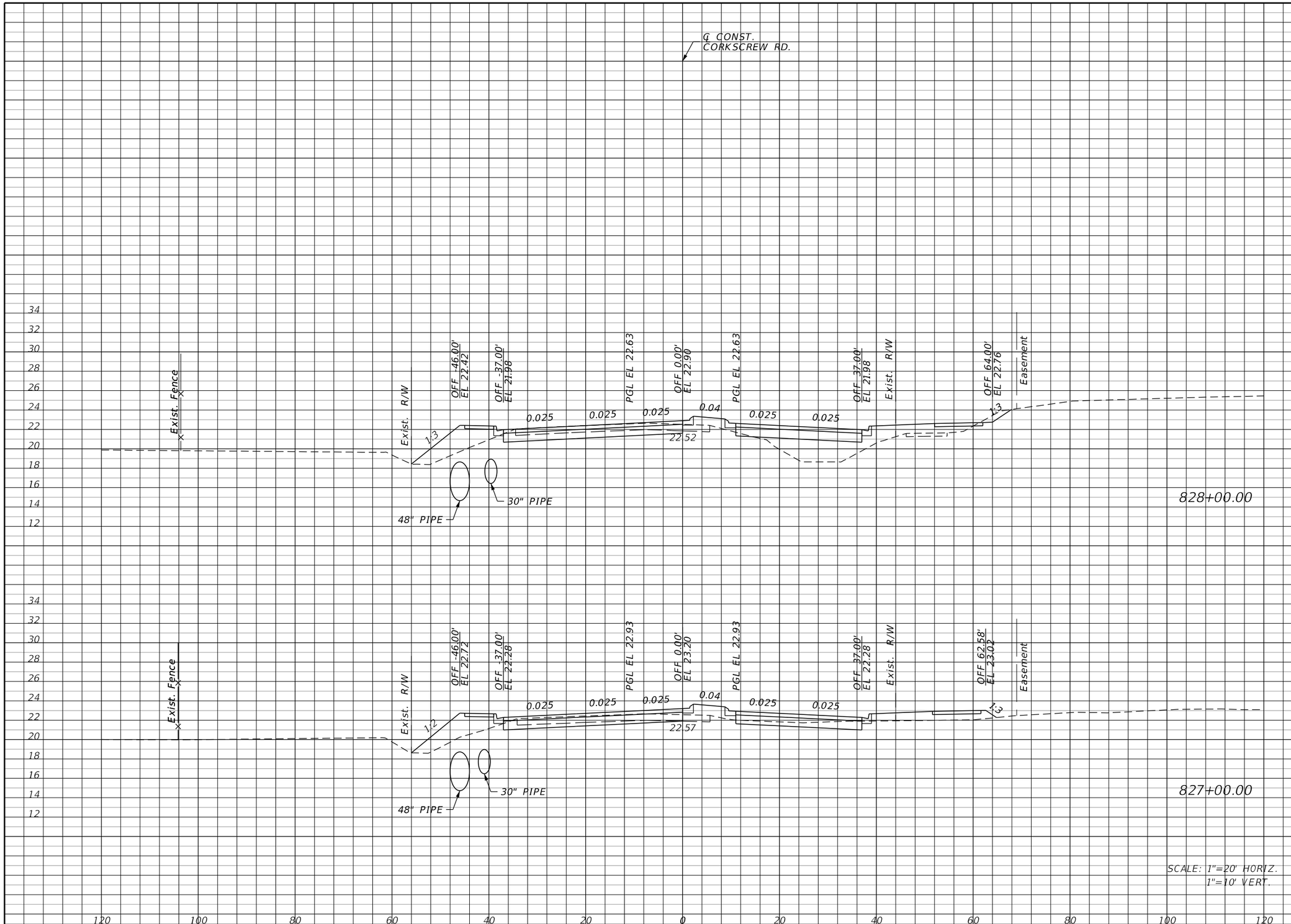
	LEE	20192030-000

CROSS SECTIONS
CORKSCREW ROAD

SHEET NO.
71



Regular Exc.		Embankment	
A	V	A	V
26.1	99.4	92.3	271.3
27.6	90.7	54.2	159.3

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REVISIONS			
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JOHNSON ENGINEERING
2122 JOHNSON STREET
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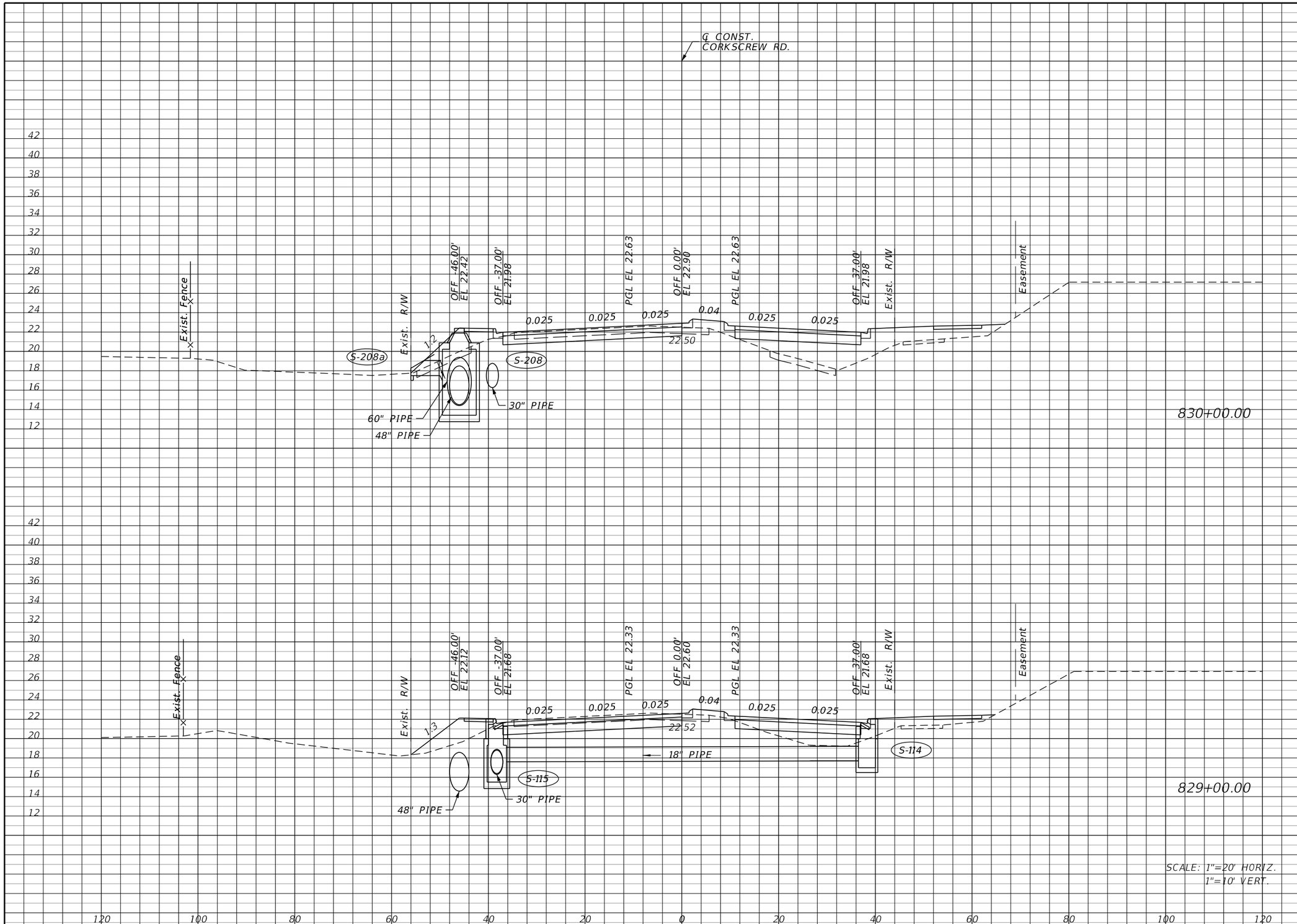
LEE COUNTY PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

CROSS SECTIONS
CORKSCREW ROAD

SHEET NO.
72



Regular Exc.		Embankment	
A	V	A	V
19.4	97.6	111.3	336.1
33.3	110.0	70.2	300.9

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REVISIONS

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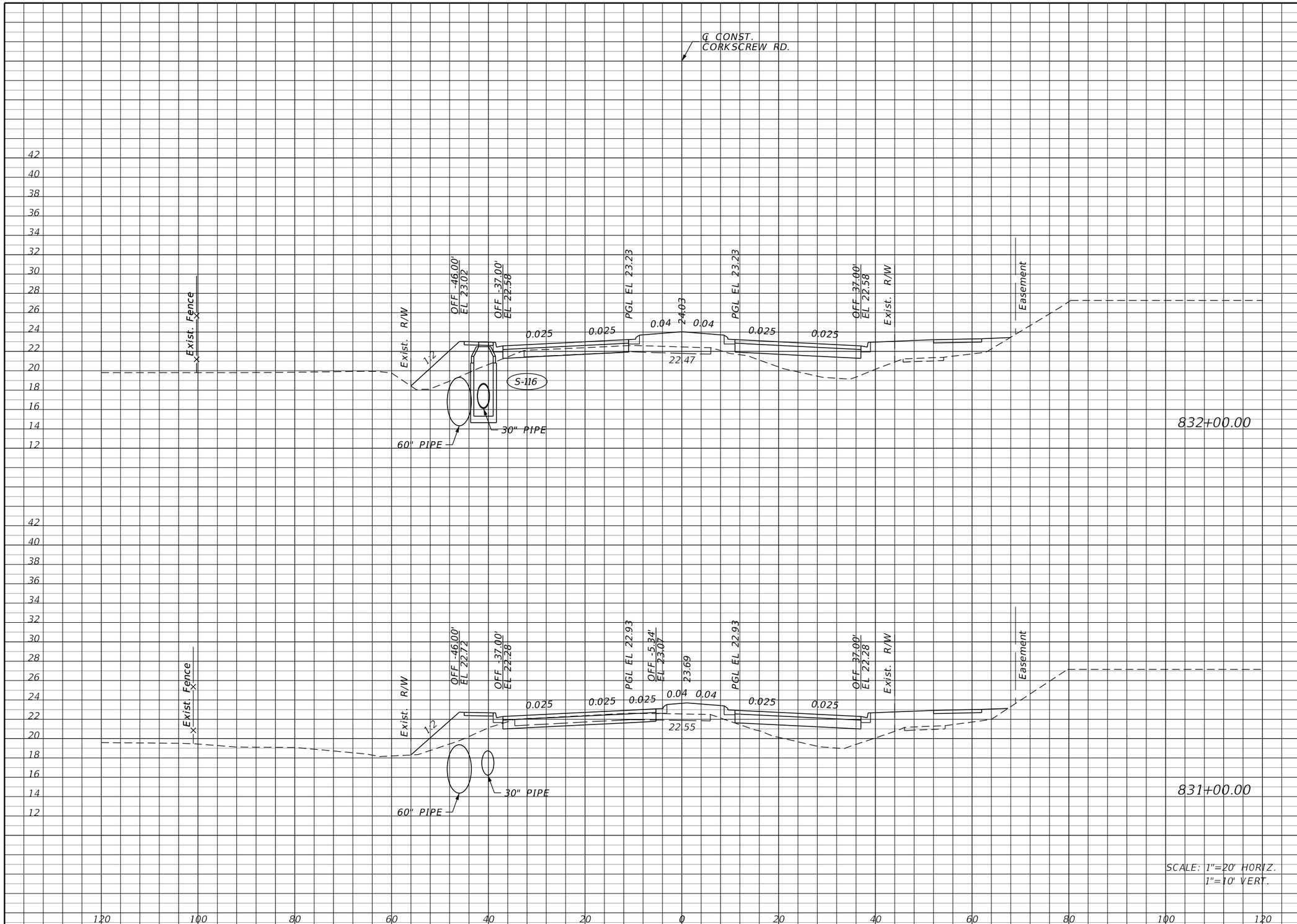
JOHNSON ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

CROSS SECTIONS
CORKSCREW ROAD

SHEET NO.
73



Regular Exc.		Embankment	
A	V	A	V
1.8		158.9	
	22.0		525.4
10.1		124.8	
	54.6		437.2

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	LEE	20192030-000

CROSS SECTIONS
CORKSCREW ROAD

SHEET NO.
74

Regular Exc.		Embankment	
A	V	A	V
26.7	73.9	106.5	454.3
13.2	27.8	138.8	551.3

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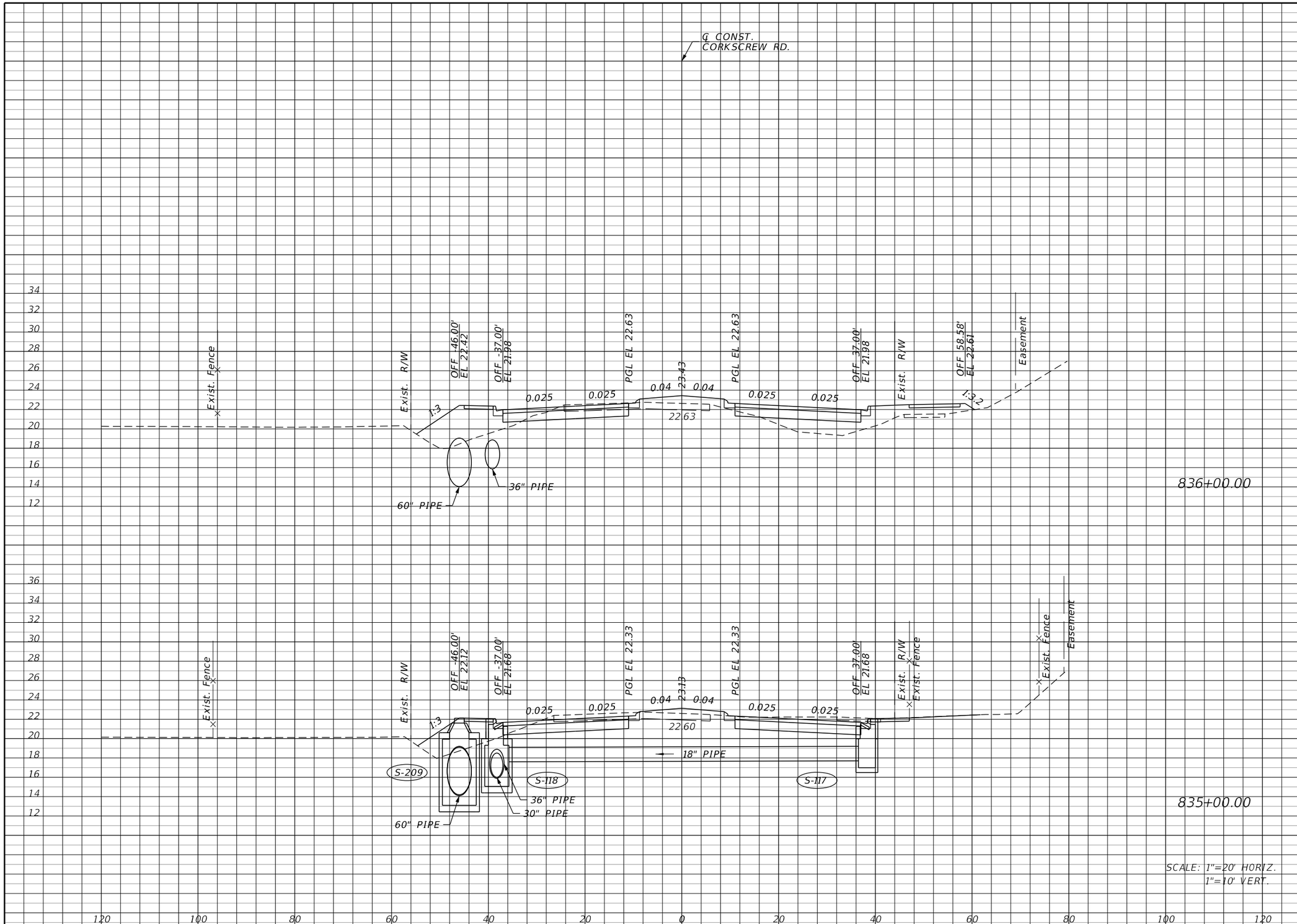
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

CROSS SECTIONS
CORKSCREW ROAD

SHEET NO.
75



Regular Exc.		Embankment	
A	V	A	V
17.9	157.2	106.0	280.0
67.0	173.5	45.2	280.9

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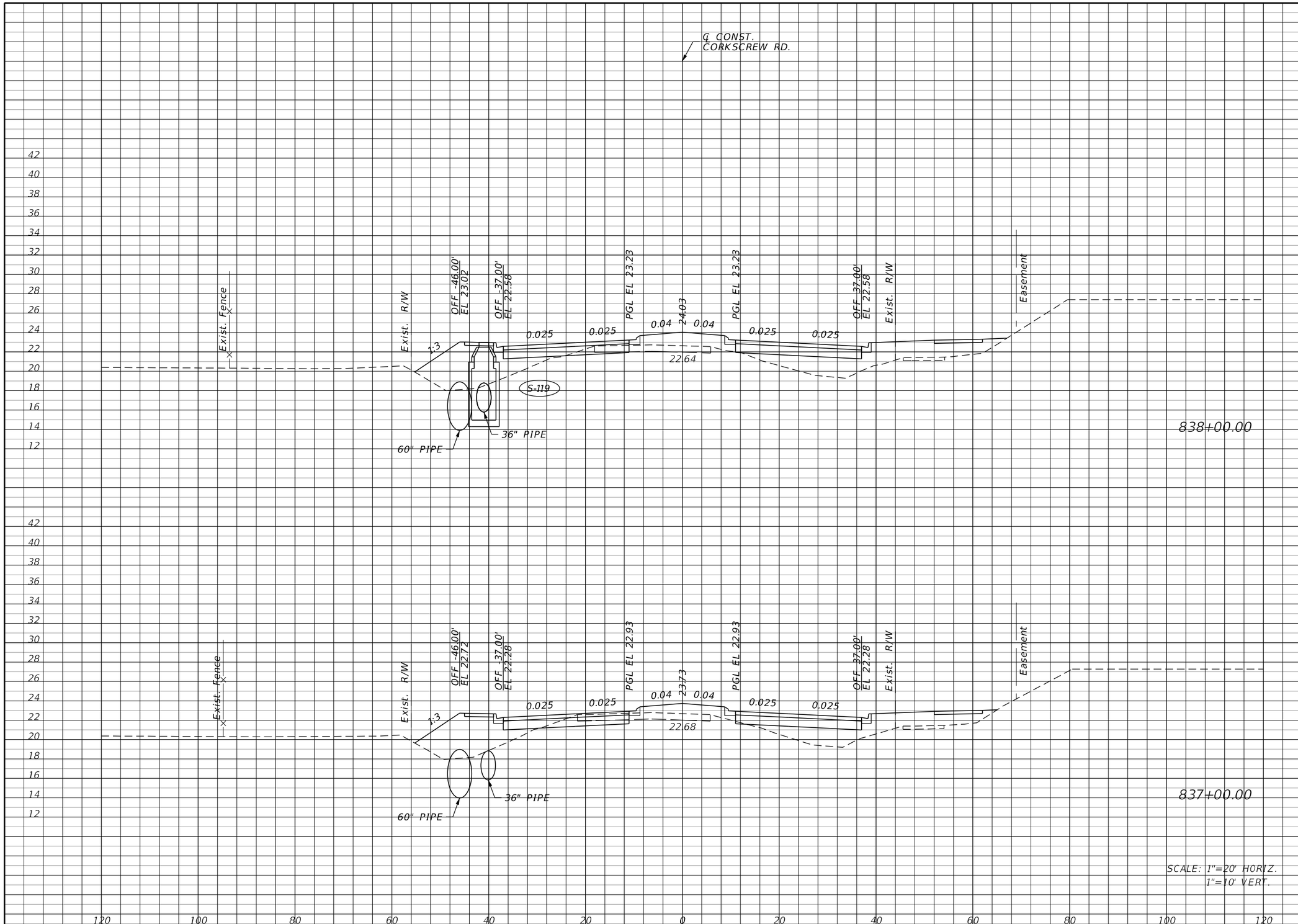
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

CROSS SECTIONS
CORKSCREW ROAD

SHEET NO.
76



Regular Exc.		Embankment	
A	V	A	V
3.5	24.8	176.5	592.8
9.9	51.5	143.6	462.2

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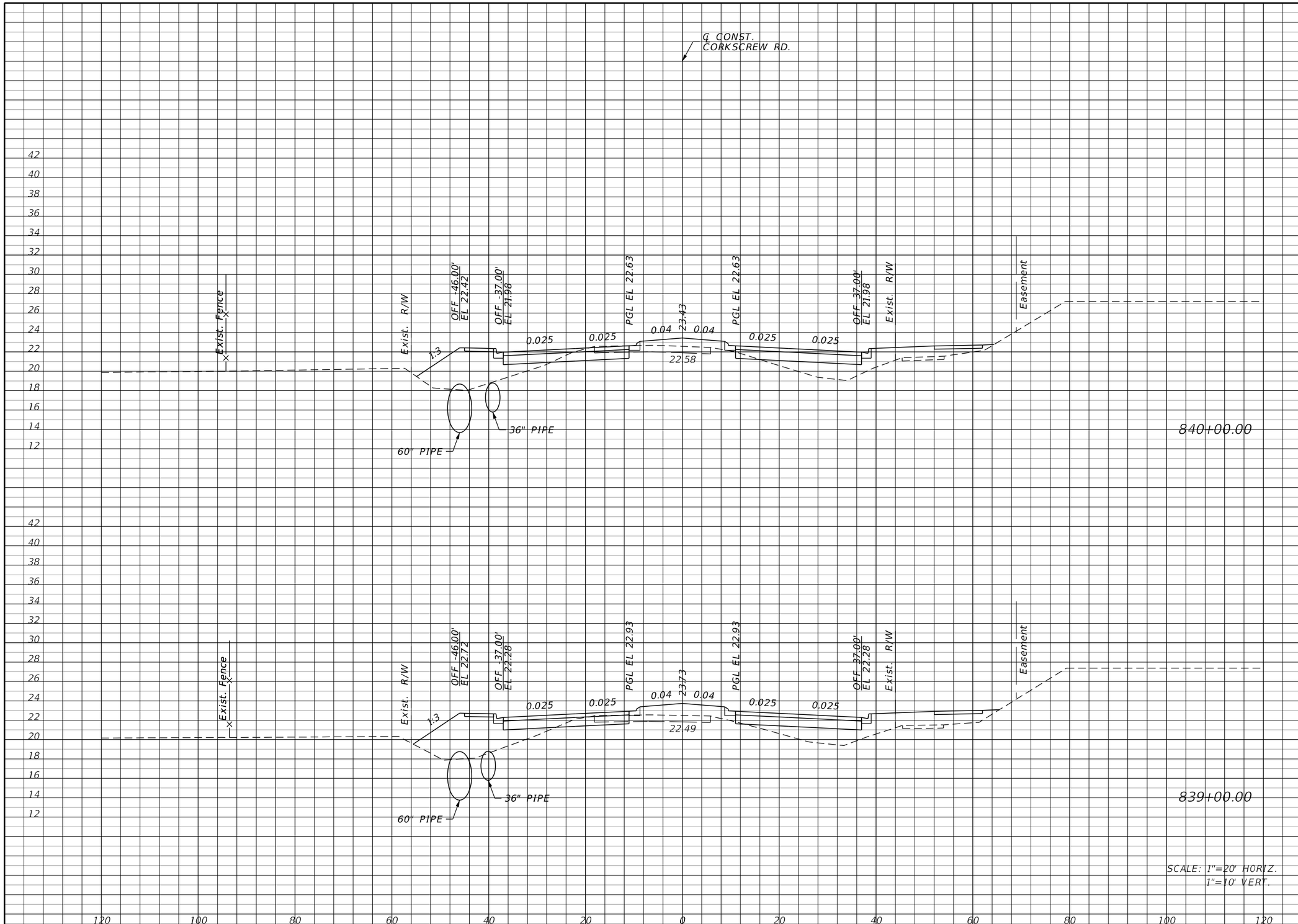
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

CROSS SECTIONS
CORKSCREW ROAD

SHEET NO.
77



Regular Exc.		Embankment	
A	V	A	V
13.9	38.9	122.4	508.1
7.1	19.6	152.0	608.3

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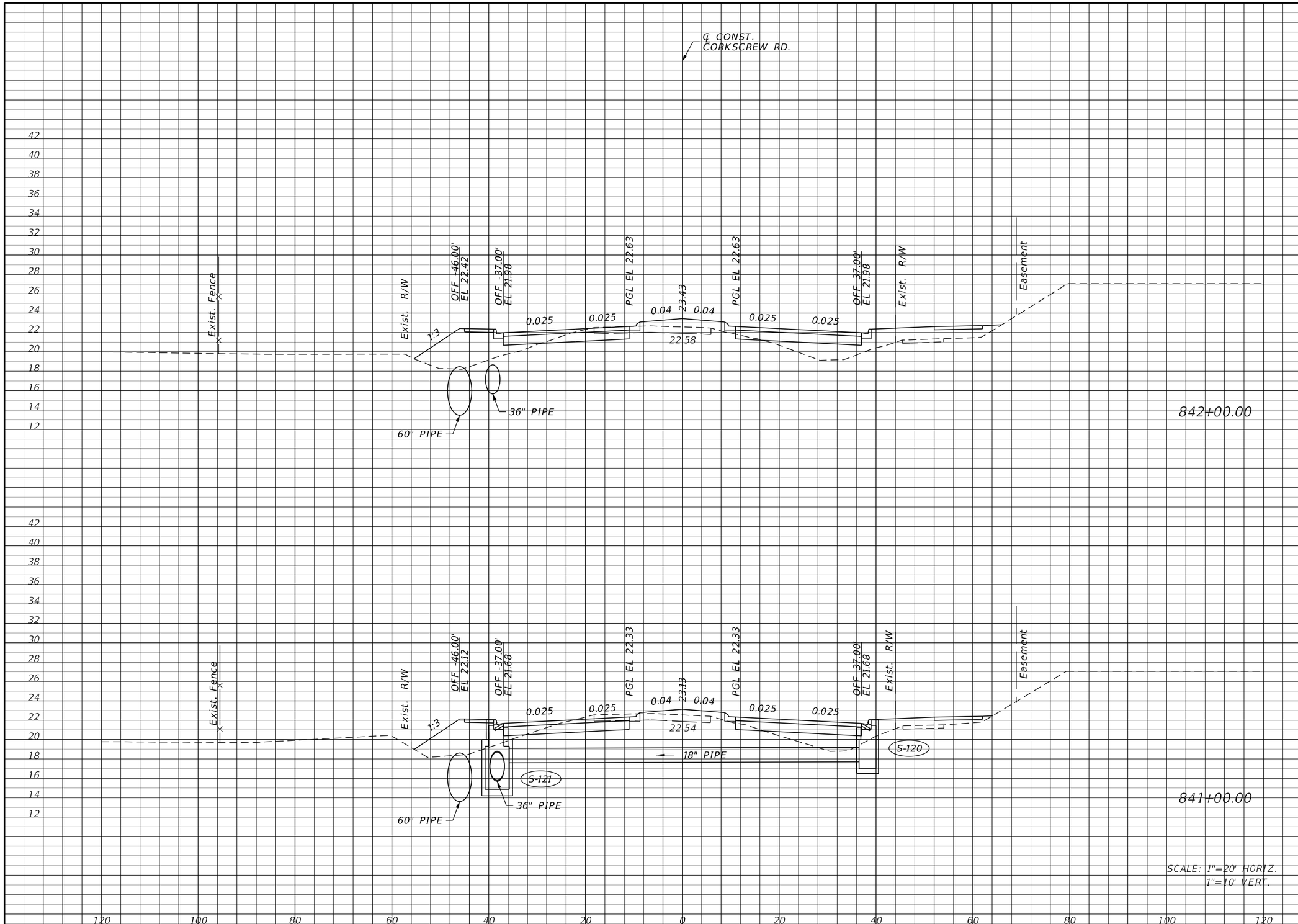
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

CROSS SECTIONS
CORKSCREW ROAD

SHEET NO.
78



Regular Exc.		Embankment	
A	V	A	V
14.3	68.5	122.1	405.9
22.7	67.8	97.1	406.5

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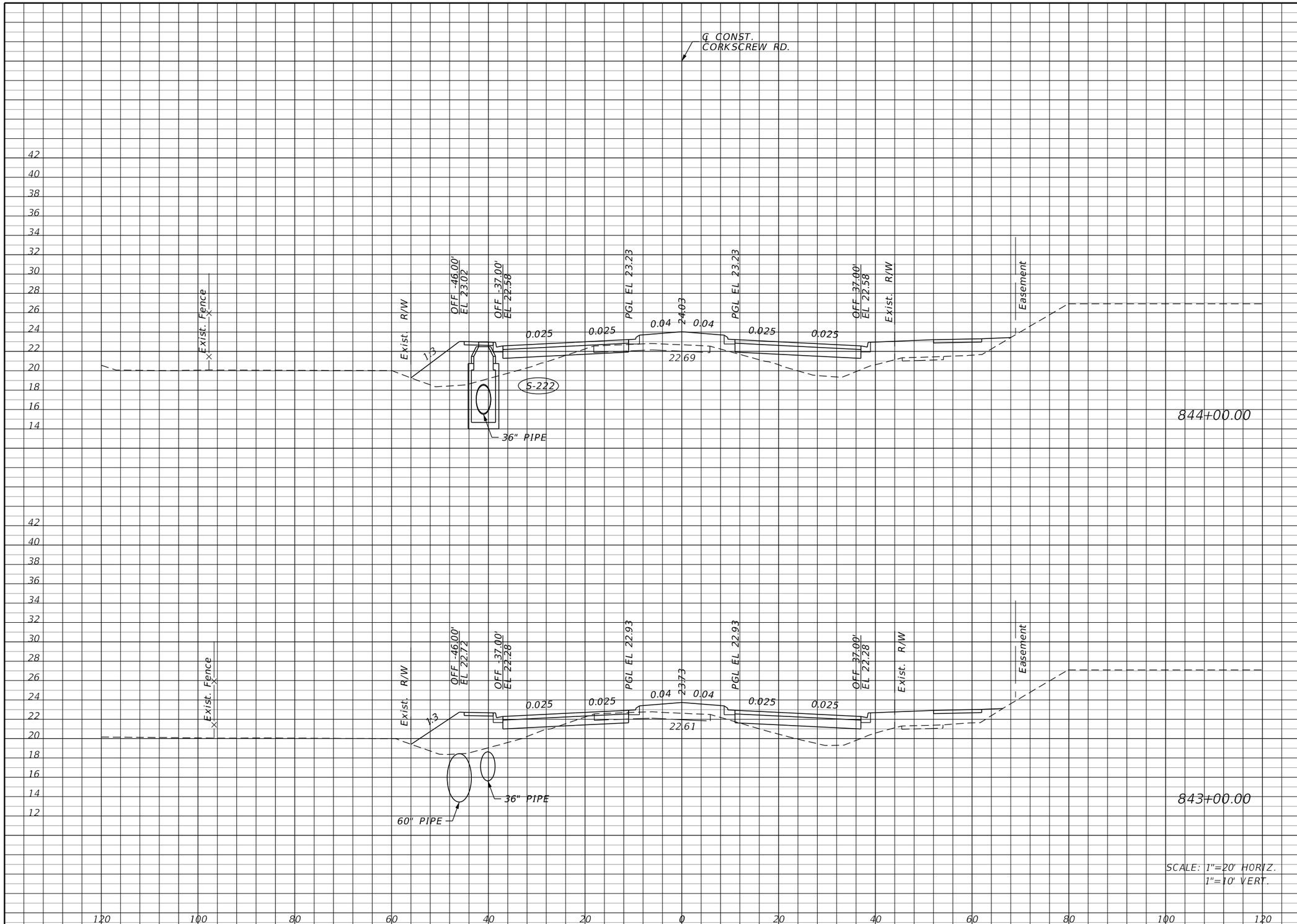
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

CROSS SECTIONS
CORKSCREW ROAD

SHEET NO.
79



	Regular Exc.		Embankment	
	A	V	A	V
844+00.00	3.2	18.9	174.0	598.7
843+00.00	7.0	39.4	149.3	502.6

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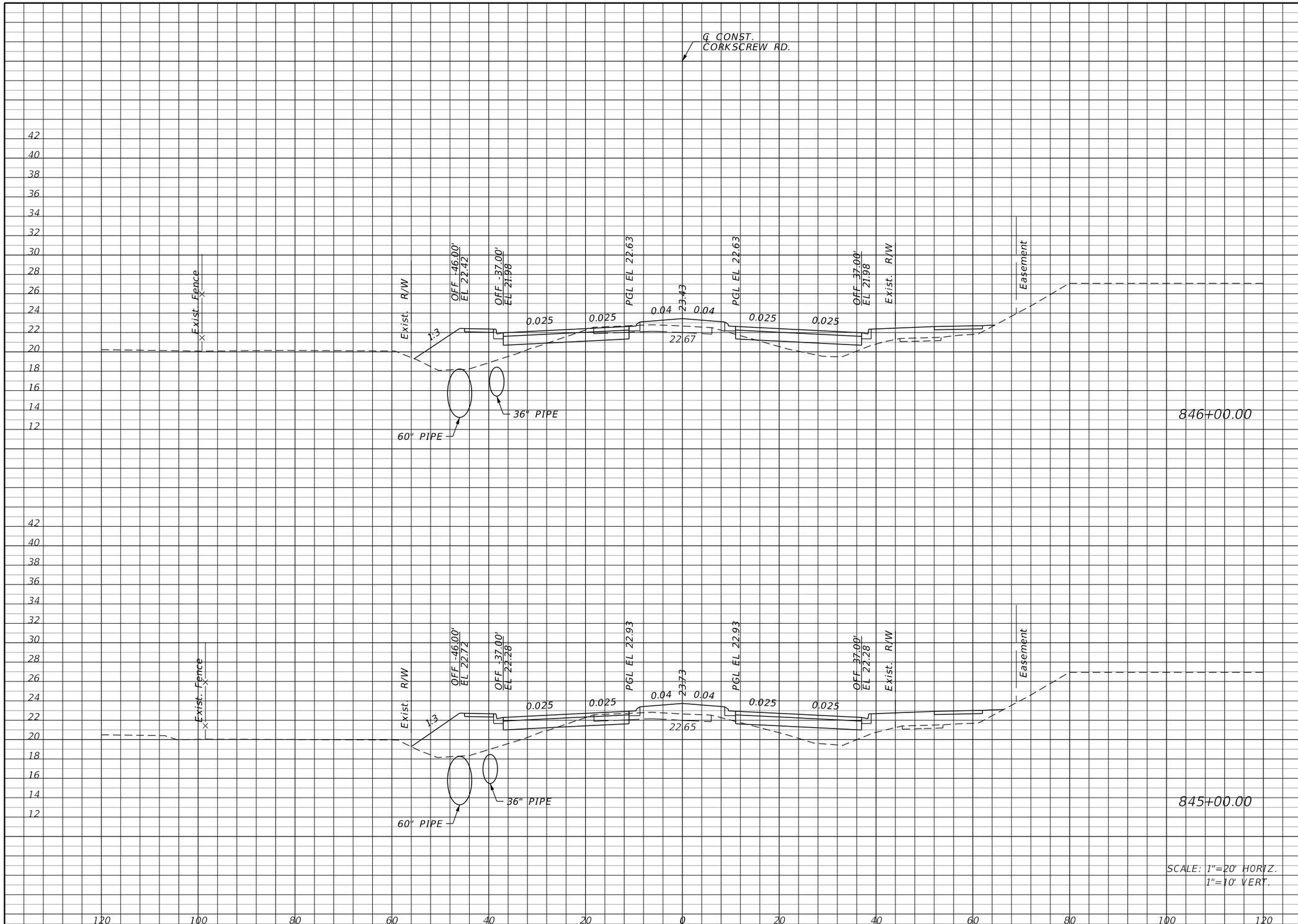
ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

CROSS SECTIONS
CORKSCREW ROAD

SHEET NO.
80



	Regular Exc.		Embankment	
	A	V	A	V
846+00.00	12.8	37.6	113.4	474.6
845+00.00	7.5	19.8	142.9	586.9

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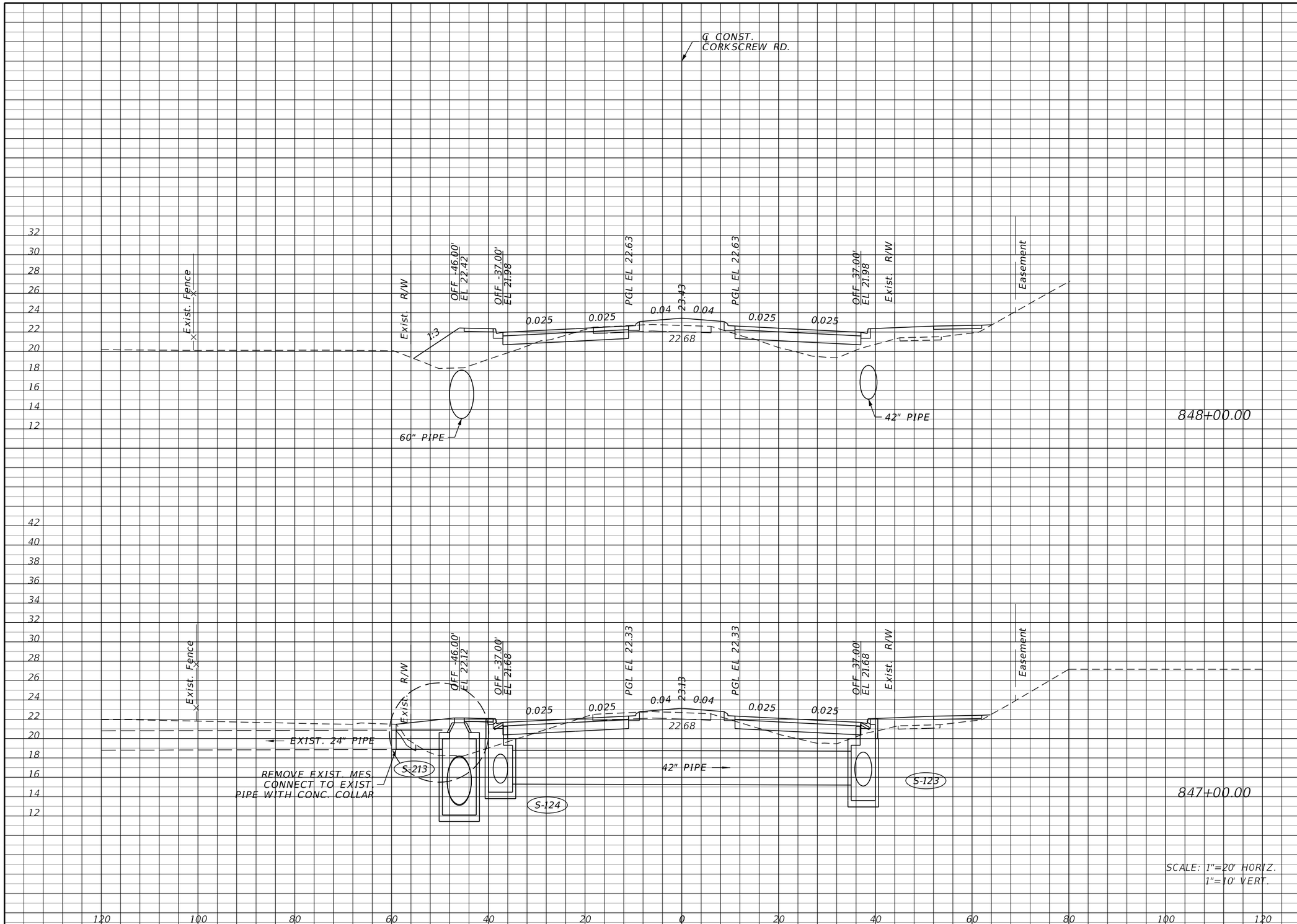
	LEE	20192030-000

CROSS SECTIONS
CORKSCREW ROAD

SHEET NO.
81



Regular Exc.		Embankment	
A	V	A	V
13.7	62.6	108.8	390.2
20.1	60.9	101.9	398.7

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REVISIONS

DATE	DESCRIPTION	DATE	DESCRIPTION

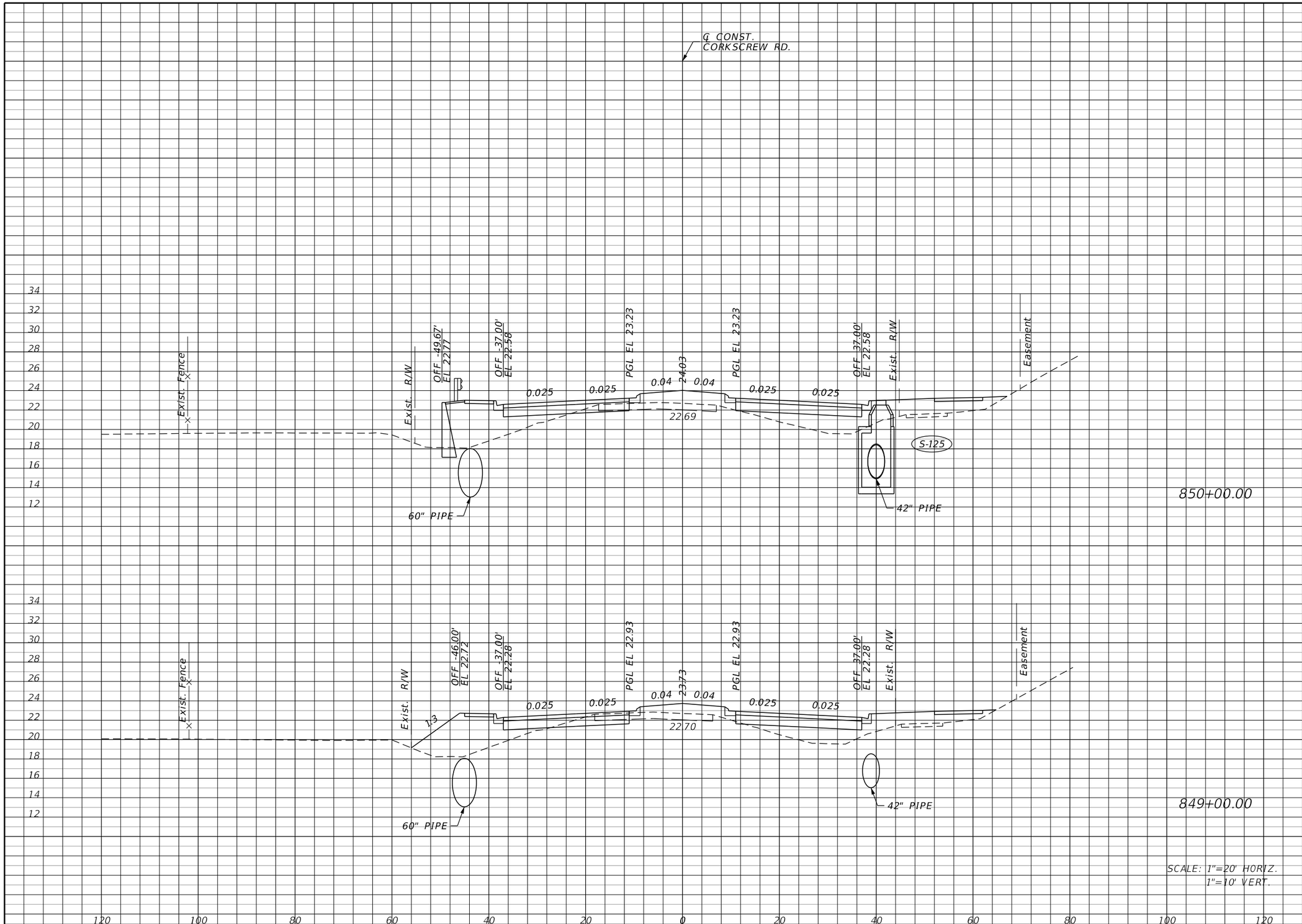
JOHNSON ENGINEERING
2122 JOHNSON STREET
FORT MYERS, FL 33901
EB 642 & LB 642
RYAN K. BELL, P.E. NO. 60010

LEE COUNTY PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

CROSS SECTIONS
CORKSCREW ROAD

SHEET NO.
82



Regular Exc.		Embankment	
A	V	A	V
5.7	26.9	151.8	524.8
8.8	41.7	131.6	445.2

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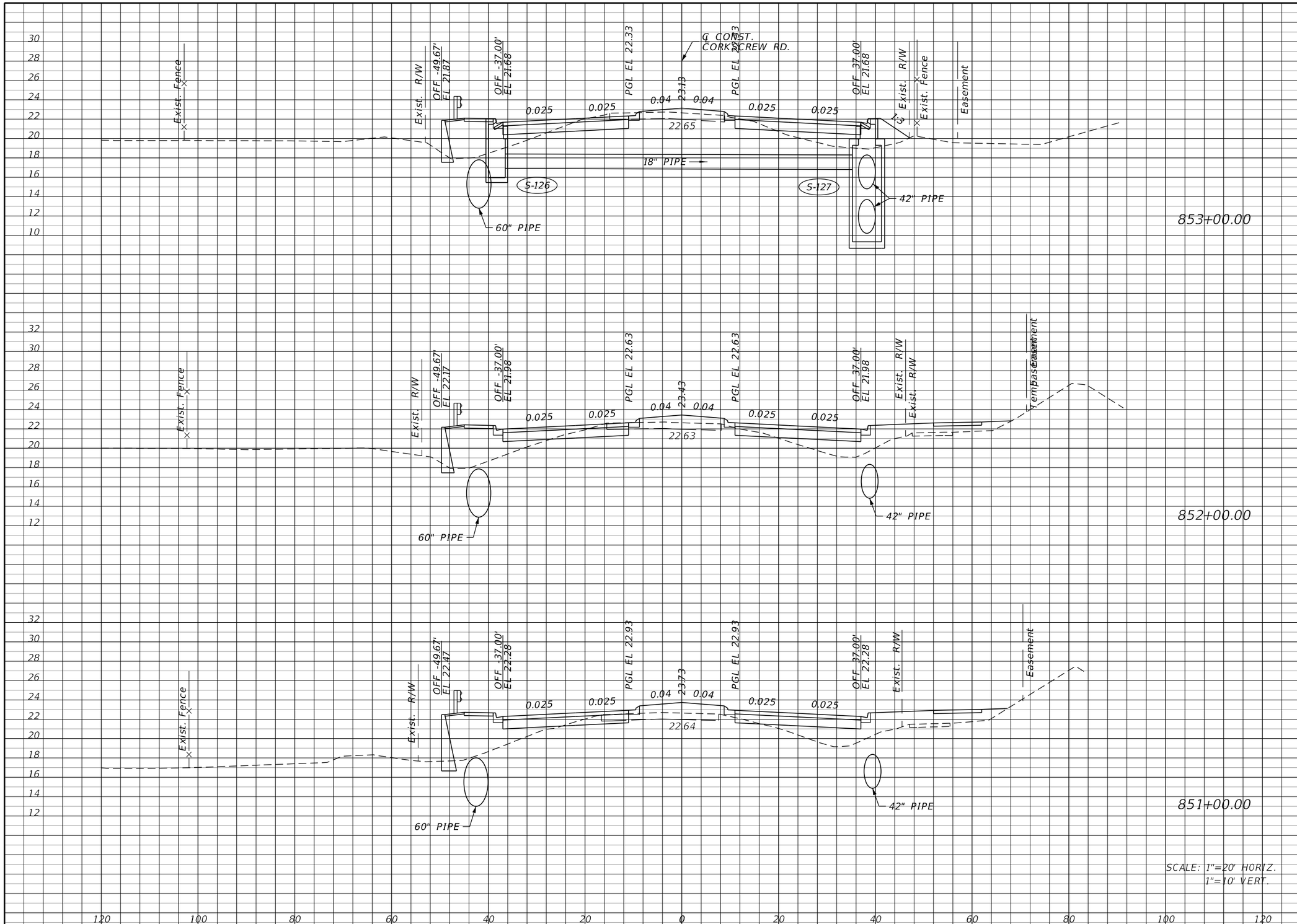
	LEE	20192030-000

CROSS SECTIONS
CORKSCREW ROAD

SHEET NO.
83



	Regular Exc.		Embankment	
	A	V	A	V
853+00.00	24.2	75.4	87.6	366.1
852+00.00	16.5	49.4	110.1	449.4
851+00.00	10.2	29.4	132.6	526.7

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DEPARTMENT OF TRANSPORTATION

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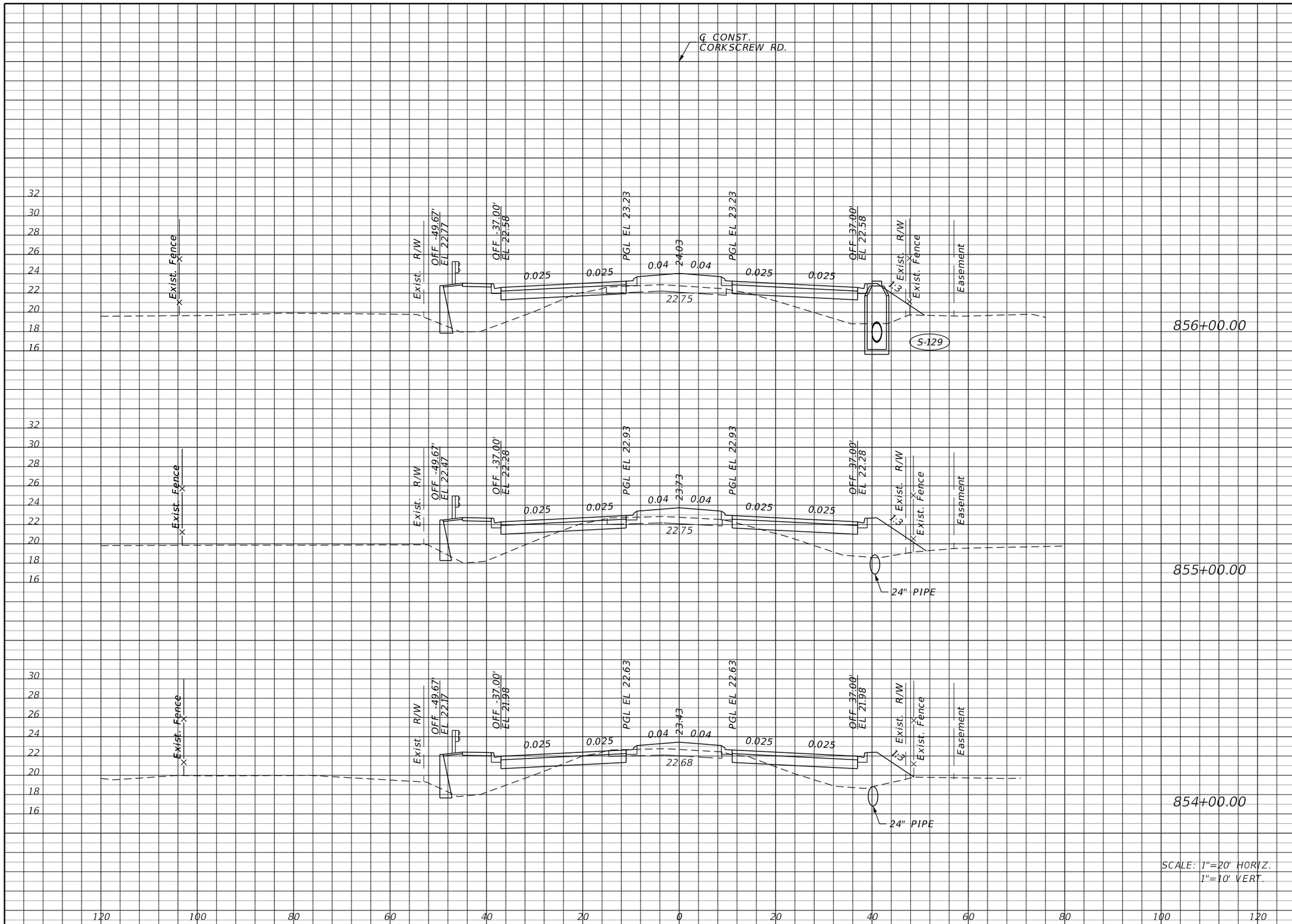
	LEE	20192030-000

CROSS SECTIONS CORKSCREW ROAD

SHEET NO. 84



Regular Exc.		Embankment	
A	V	A	V
6.4	33.1	150.8	523.5
11.5	52.0	131.9	455.4
16.6	75.6	114.0	373.3

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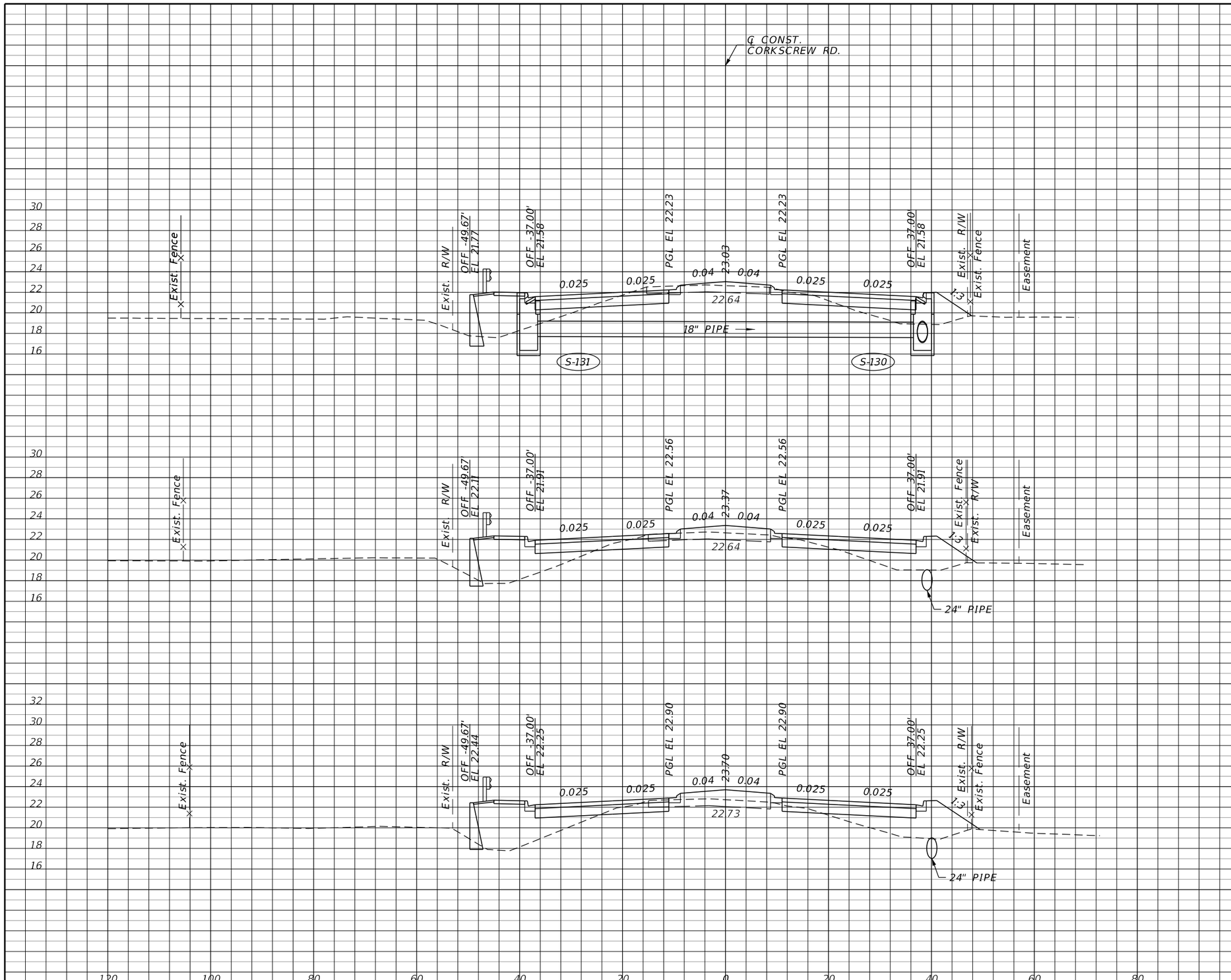
	LEE	20192030-000

CROSS SECTIONS
CORKSCREW ROAD

SHEET NO.
85



Regular Exc.		Embankment	
A	V	A	V
27.3	84.1	85.0	351.1
18.1	56.3	104.6	420.7
12.3	34.6	122.6	506.3

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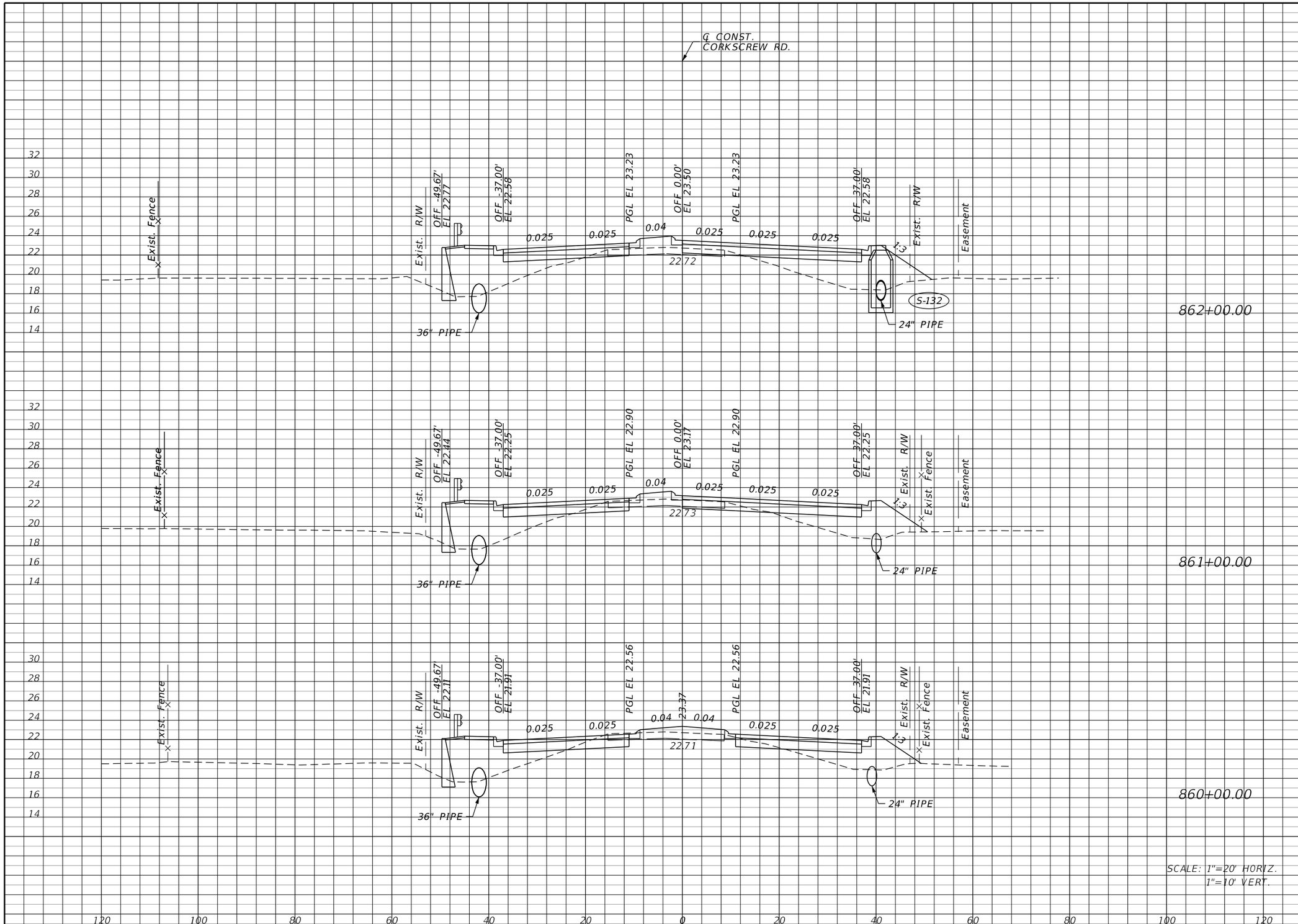
CROSS SECTIONS
CORKSCREW ROAD

SHEET NO.
86



	Regular Exc.		Embankment	
	A	V	A	V
862+00.00	5.1	33.5	153.0	508.5
861+00.00	13.0	55.6	121.6	423.1
860+00.00	17.0	82.0	106.9	355.4

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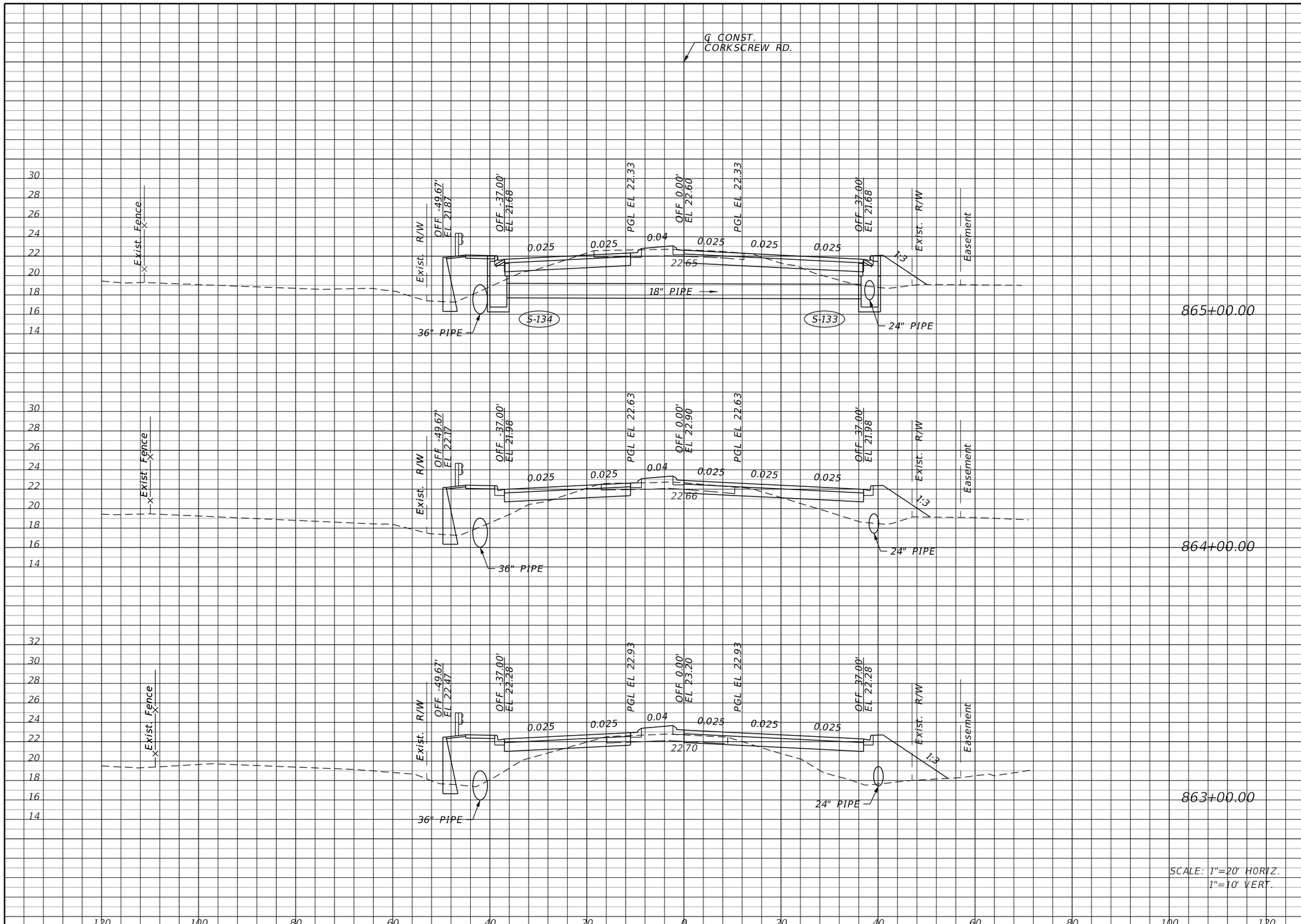
	LEE	20192030-000

CROSS SECTIONS
CORKSCREW ROAD

SHEET NO.
87



	Regular Exc.		Embankment	
	A	V	A	V
865+00.00	38.0	111.7	77.0	331.9
864+00.00	22.3	64.1	102.2	469.8
863+00.00	12.3	32.2	151.5	563.9

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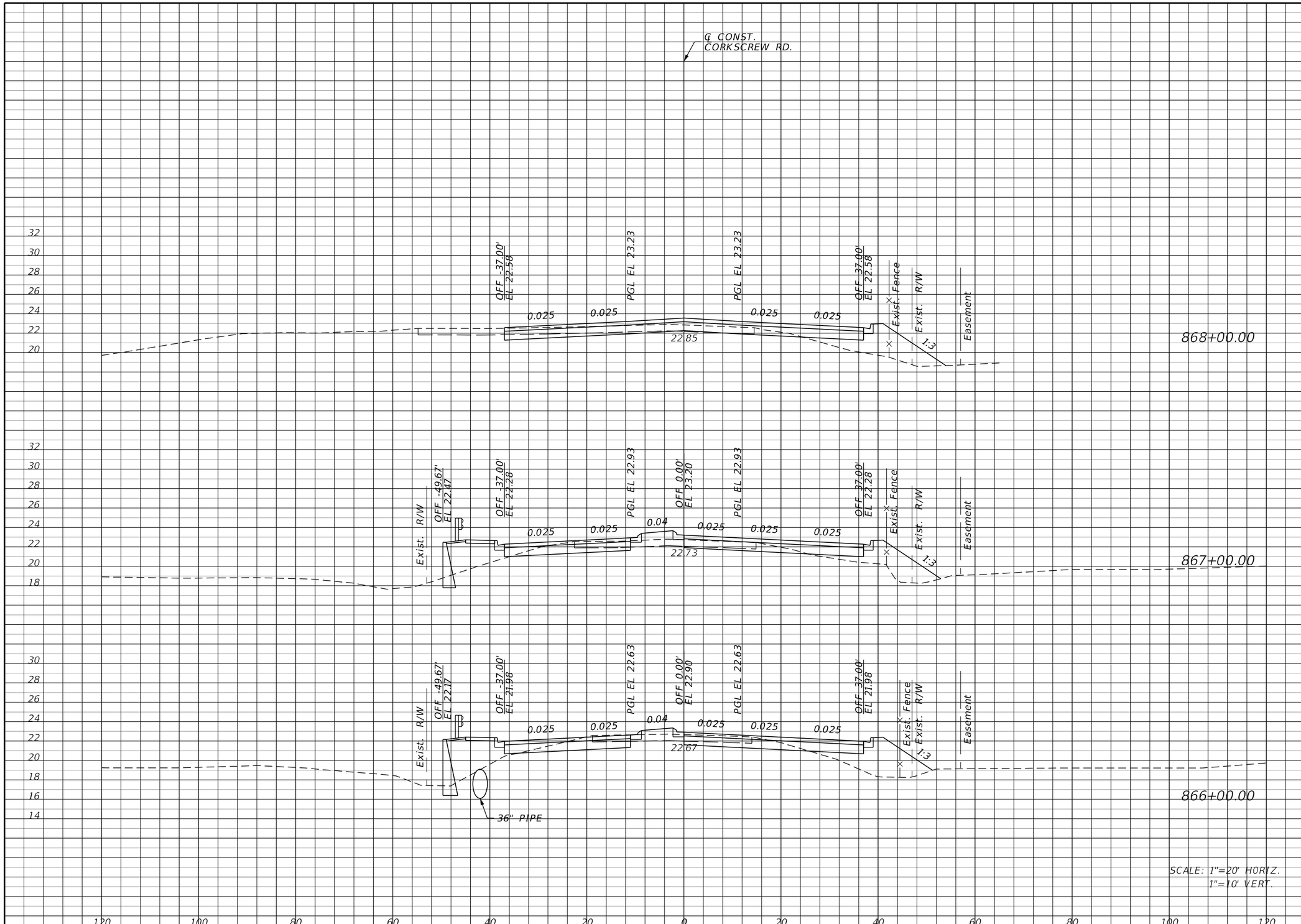
	LEE	20192030-000

CROSS SECTIONS
CORKSCREW ROAD

SHEET NO.
88



Regular Exc.		Embankment	
A	V	A	V
14.6	74.3	44.4	206.3
25.5	109.3	67.0	277.0
33.5	132.4	82.6	295.6

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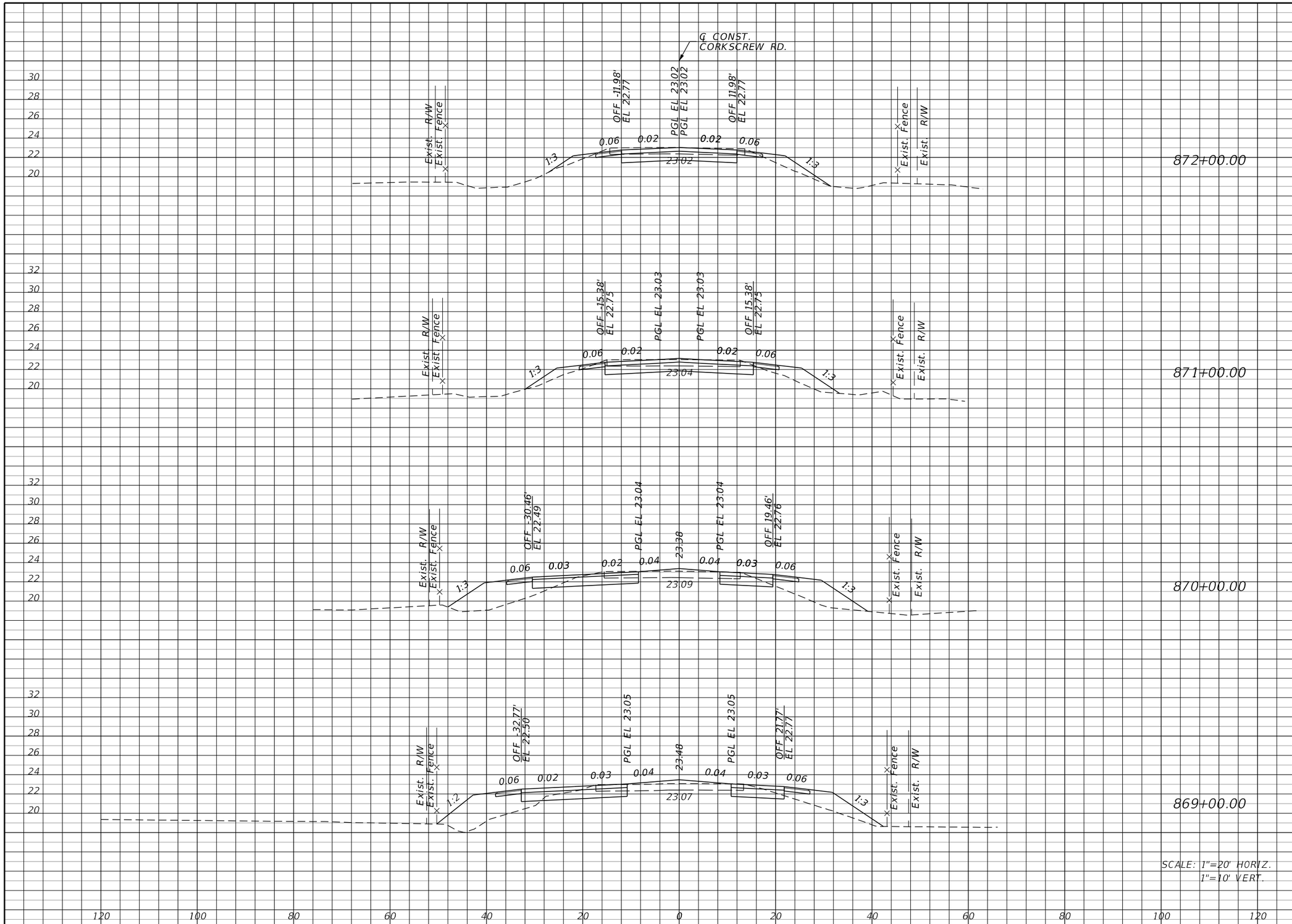
DEPARTMENT OF TRANSPORTATION

ROAD NO.	COUNTY	FINANCIAL PROJECT ID
	LEE	20192030-000

CROSS SECTIONS
CORKSCREW ROAD

SHEET NO.
89



Regular Exc.		Embankment	
A	V	A	V
21.1	84.3	12.7	63.3
24.4	84.4	21.5	164.8
21.2	79.6	67.5	253.3
21.8	67.4	69.3	210.6

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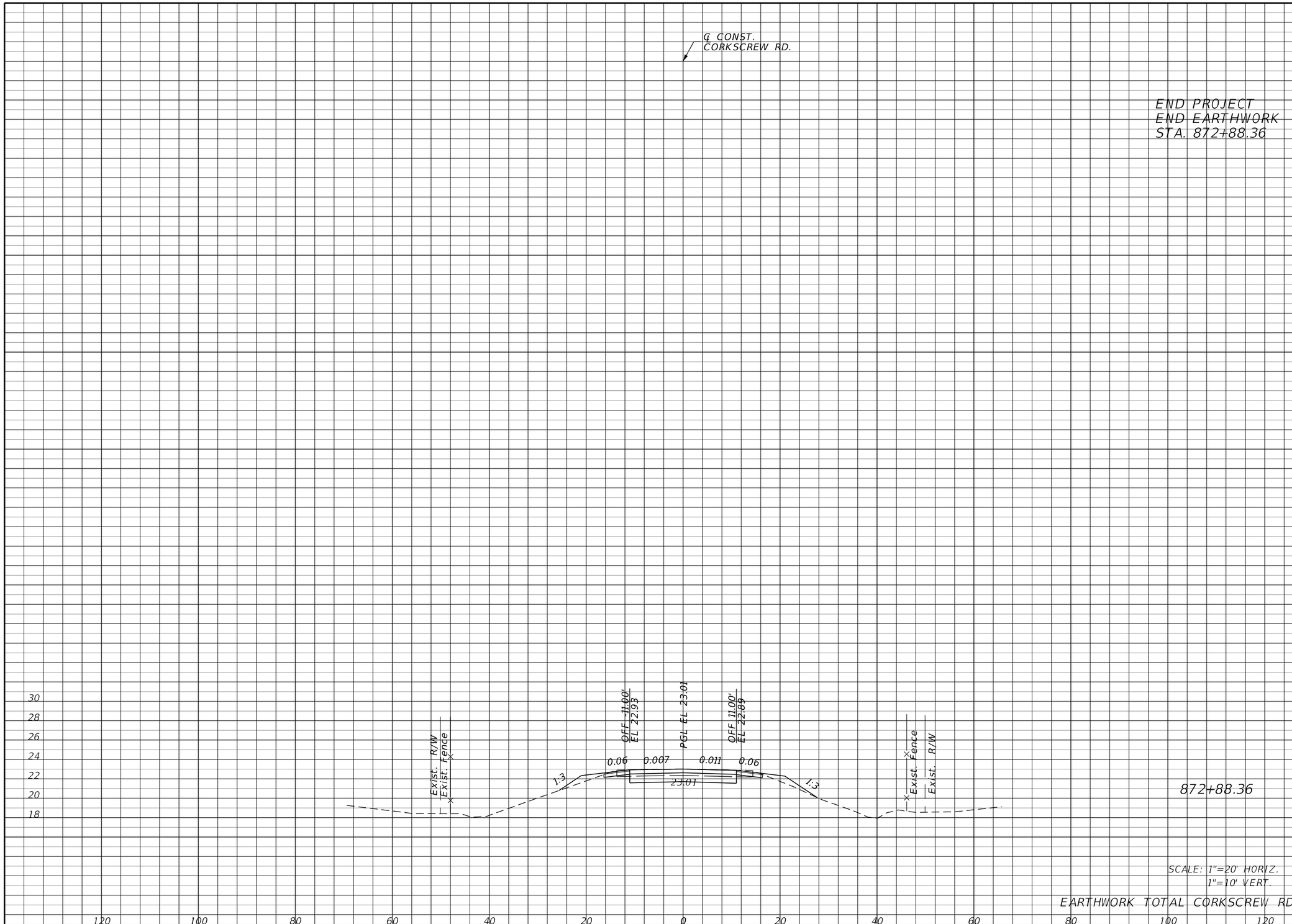
	LEE	20192030-000

CROSS SECTIONS
CORKSCREW ROAD

SHEET NO.
90



Regular Exc.		Embankment	
A	V	A	V
16.5	61.5	8.2	34.2
	5,503		31,394

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

EARTHWORK TOTAL CORKSCREW RD.:

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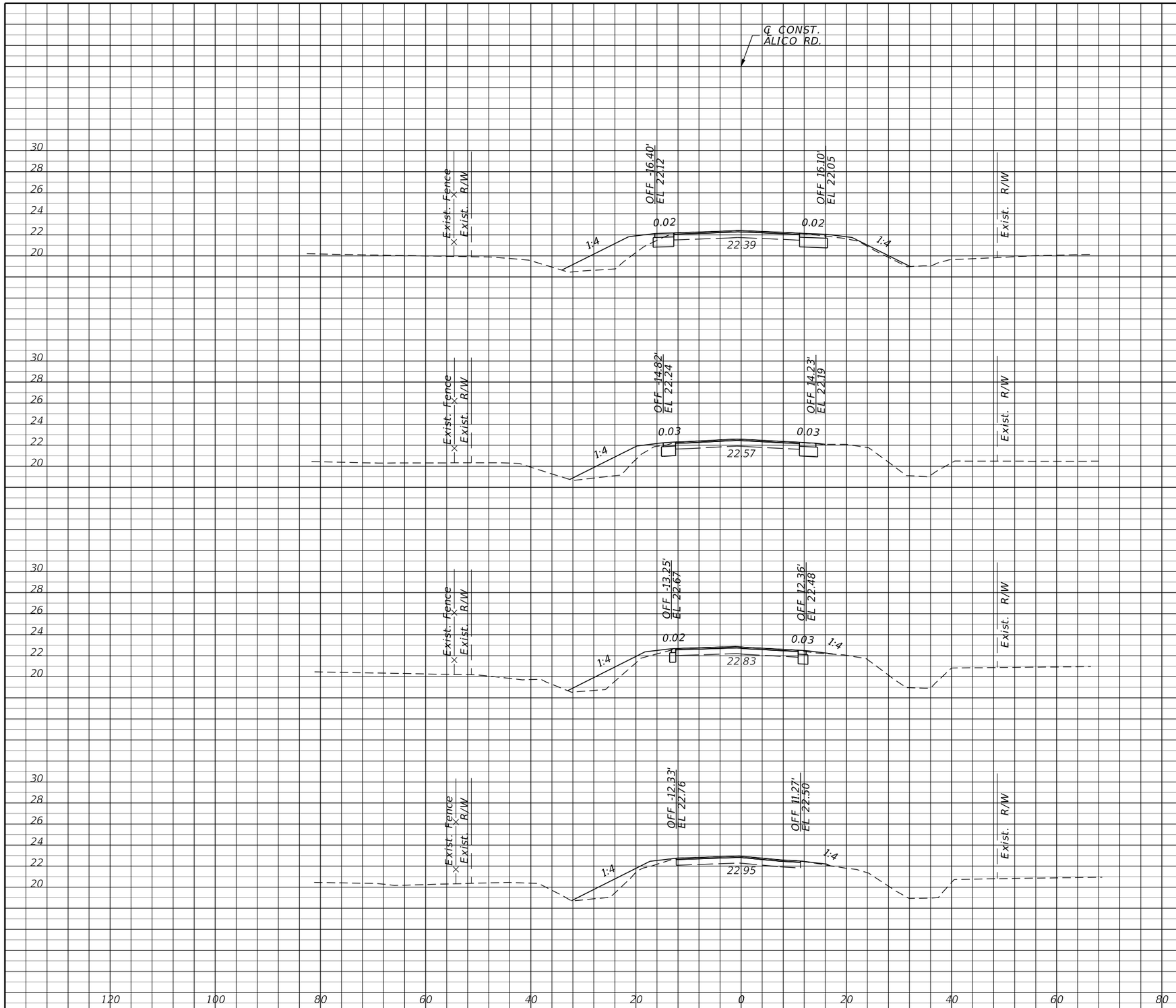
	LEE	20192030-000

CROSS SECTIONS
CORKSCREW ROAD

SHEET NO.
91



	Regular Exc.		Embankment	
	A	V	A	V
43+00.00	9.8	31.7	27.9	84.8
42+00.00	7.3	20.0	17.9	63.0
41+00.00	3.5	3.8	16.1	31.4
40+41.76	0.0	0.0	13.0	0.0

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

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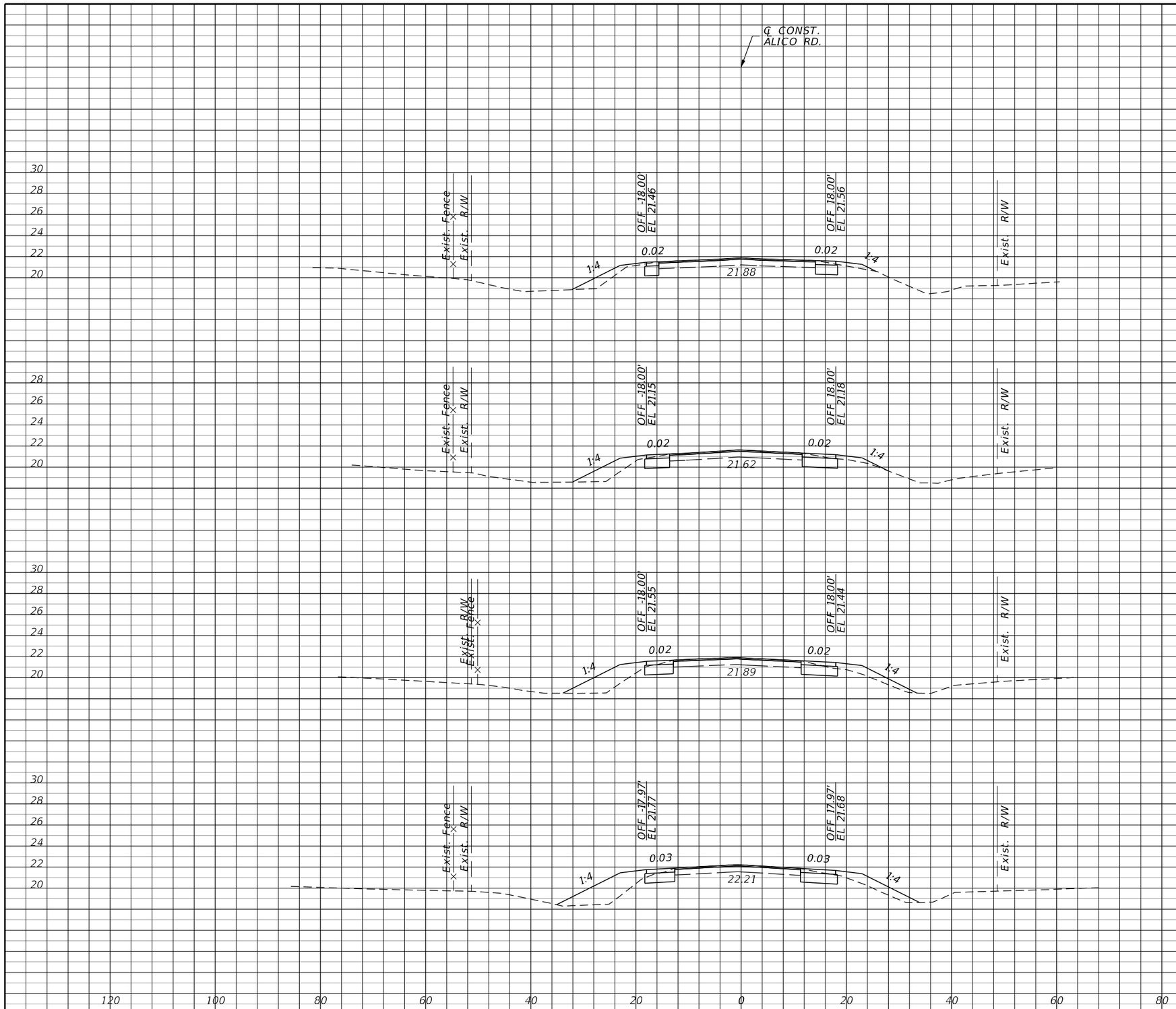
CROSS SECTIONS
CORKSCREW ROAD

SHEET NO.
92



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

	Regular Exc.		Embankment	
	A	V	A	V
47+00.00	8.0	38.0	9.7	45.0
46+00.00	12.5	45.7	14.6	80.7
45+00.00	12.2	45.7	29.0	119.3
44+00.00	12.5	41.3	35.4	117.2

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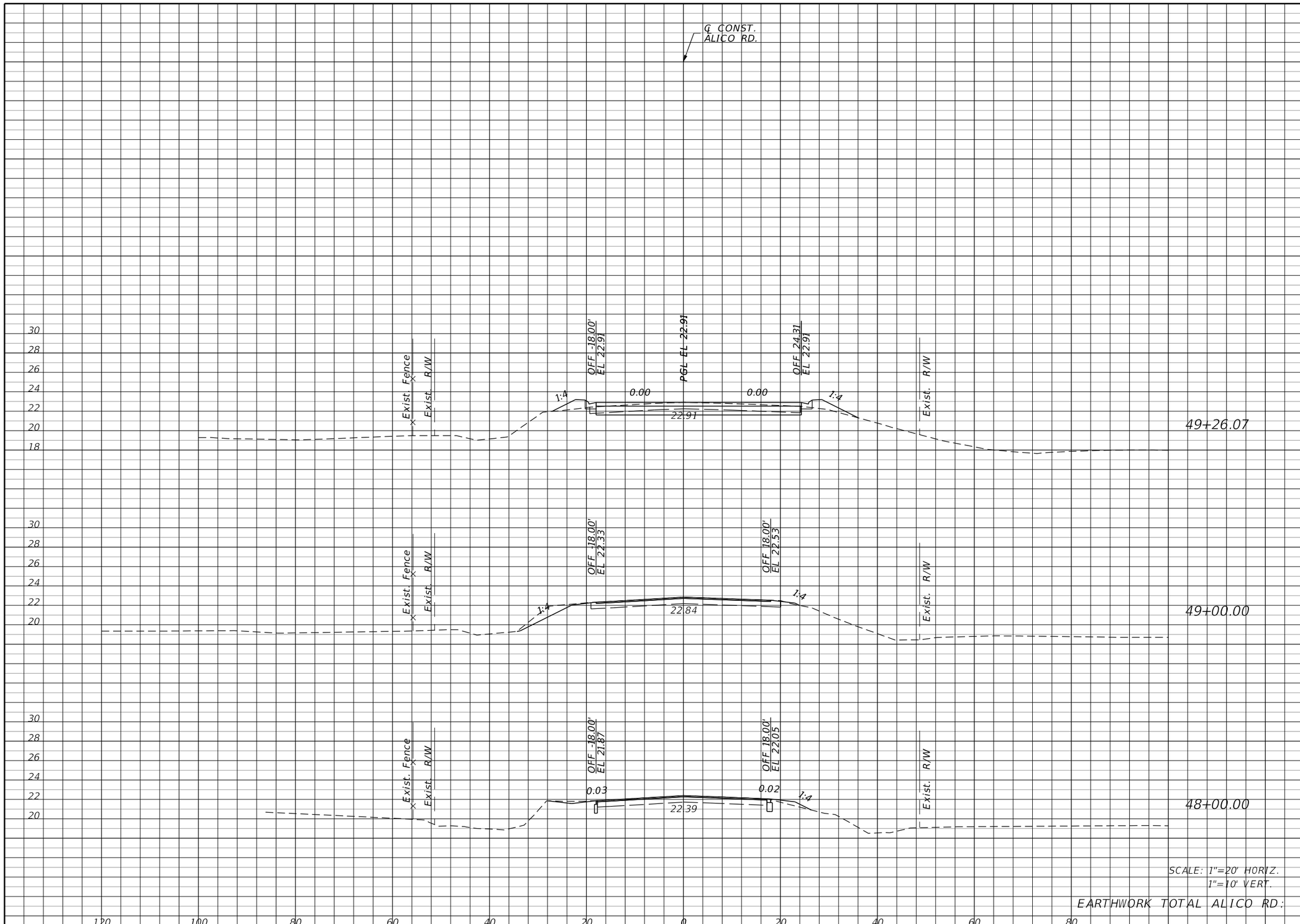
CROSS SECTIONS
CORKSCREW ROAD

SHEET NO.
93



	Regular Exc.		Embankment	
	A	V	A	V
49+26.07	19.2	12.6	9.2	4.5
49+00.00	7.0	18.5	0.2	3.9
48+00.00	3.0	20.4	1.9	21.5
EARTHWORK TOTAL ALICO RD:		279		571

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

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CROSS SECTIONS
CORKSCREW ROAD

SHEET NO. 94

I. SITE DESCRIPTION:

(1) NATURE OF CONSTRUCTION ACTIVITY:

NEW CONSTRUCTION AND ROADWAY IMPROVEMENTS FOR CORKSCREW ROAD WIDENING FROM BELLA TERRA BOULEVARD EAST TO ALICO 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 38.60 ACRES. THE ESTIMATED AREA TO BE DISTURBED DURING CONSTRUCTION ACTIVITIES IS 38.60 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= 0.95
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:

ESTERO RIVER

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

(10) OUTFALL LOCATIONS:

BASIN 4: EAST END, SOUTH OF ALICO RD INTERSECTION

(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 TOWARD EXSITNG WETLAND AREAS SOUTH OF ALICO RD INTERSECITON.
(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 TARPAULIN 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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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 2019 FDOT STANDARD PLANS FOR ROAD CONSTRUCTION AND THE 2019 FDOT STANDARD SPECIFICATIONS FOR ROADWAY AND BRIDGE CONSTRUCTION.

2. REGULATORY SPEED ESTABLISHED DURING CONSTRUCTION SHALL BE THE EXISTING SPEED OF 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.

12. NO LANE CLOSURES WILL BE ALLOWED BETWEEN THE HOURS OF 6:00 A.M. AND 7:00 P.M. A LANE MAY ONLY BE CLOSED DURING ACTIVE WORK PERIODS. ALL LANE CLOSURES MUST BE REPORTED TO THE LOCAL EMERGENCY AGENCIES, THE MEDIA, AND LCDOT.

13. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TEMPORARY DRAINAGE AND SHORING NECESSARY TO CONSTRUCT THE IMPROVEMENTS SHOWN. ALL COSTS ASSOCIATED WITH TEMPORARY DRAINAGE SHALL BE INCLUDED IN THE LUMP SUM MAINTENANCE OF TRAFFIC PAY ITEM (102-1).

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GENERAL NOTES

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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 PUBLIC WORKS
DEPARTMENT OF TRANSPORTATION

ROAD NAME	COUNTY	DDAI PROJ. NO.
CORKSCREW	LEE	18-0119

TRAFFIC CONTROL

SHEET NO.
TC-1

PHASING NOTES

CORKSCREW RD.

PHASE I

1. PLACE ADVANCED WARNING SIGNAGE AND CONSTRUCT TEMPORARY PAVEMENT ALONG NORTH SIDE OF EXISTING ROADWAY AS NECESSARY TO SET-UP PHASE I WORK ZONE (INDEX NO. 102-603).
2. REMOVE AND REPLACE EX STING PAVEMENT MARKINGS TO ESTABLISH TWO LANE, TWO WAY TRAFFIC ON THE EXISTING/WIDENED ROADWAY (INDEX NO. 102-603).
3. MAINTAIN EXISTING PEDESTRIAN PATHWAY ON THE SOUTH SIDE OF THE ROADWAY WITH PEDESTRIAN CHANNELIZING DEVICES.
4. CONSTRUCT DRAINAGE SYSTEM AND THE TWO EASTBOUND LANES OF NEW 4-LANE DIVIDED HIGHWAY.
5. MOVE PEDESTRIAN TO NEW PAVEMENT WITH PEDESTRIAN CHANNELIZATION DEVICES. AND CONSTRUCT NEW PEDESTRIAN PATHWAY.
6. PLACE TEMPORARY SIGNING AND MARKING ON NEWLY CONSTRUCTED EASTBOUND LANES TO ESTABLISH TWO LANE, TWO WAY TRAFFIC FOR PHASE II WORK ZONE.

PHASE II

1. ADJUST ADVANCED WARNING SIGNS AS NECESSARY AND MOVE CHANNELIZATION DEVICES TO ESTABLISH PHASE II WORK ZONE ON THE NEWLY CONSTRUCTED EASTBOUND LANES.
2. CONSTRUCT THE TWO WESTBOUND LANES OF NEW 4 LANE DIVIDED HIGHWAY, INCLUDING DRAINAGE, CURBS, SIDEWALK, AND SODDING.
3. PLACE TEMPORARY PAVEMENT MARKINGS FOR PHASE III WORK.

PHASE III

1. ADJUST ADVANCED WARNING SIGNS AND CHANNELIZATION DEVICES TO ESTABLISH PHASE III WORK ZONE FOR THE INSIDE LANES AND MEDIAN AREA.
2. MOVE TRAFFIC TO THE OUTSIDE LANES OF THE 4 LANE DIVIDED HIGHWAY.
3. CONSTRUCT MEDIAN IMPROVEMENTS AND PLACE FRICTION COURSE ON THE INSIDES LANES.

PHASE IV

1. ADJUST ADVANCE WARNING SIGNS AND CHANNELIZATION DEVICES AS NECESSARY TO ESTABLISH PHASE IV WORK ZONE FOR THE OUTSIDE LANES.
2. MOVE TRAFFIC TO THE INSIDE LANES OF THE 4 LANE DIVIDED HIGHWAY.
3. PLACE FRICTION COURSE FOR OUTSIDE TRAVEL LANES IN EACH DIRECTION.
4. 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.

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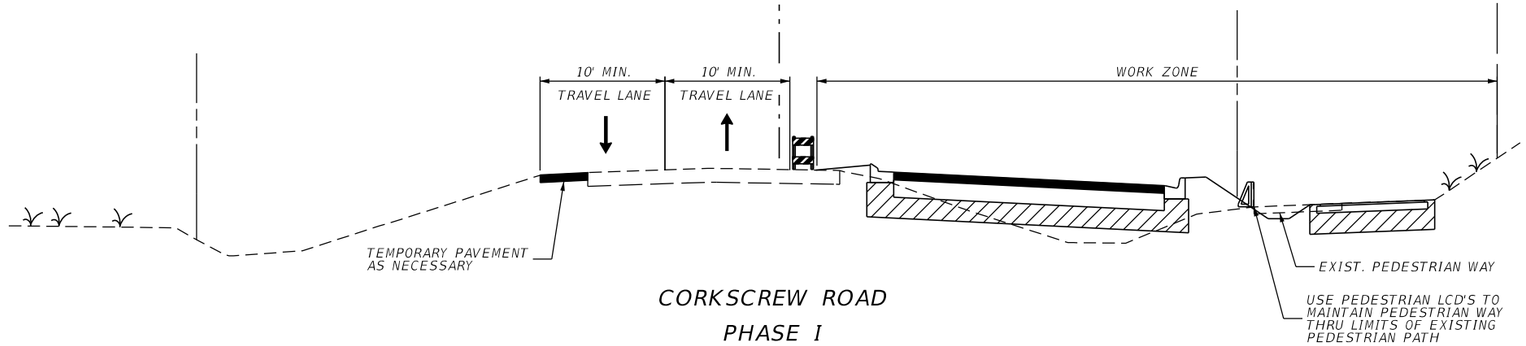
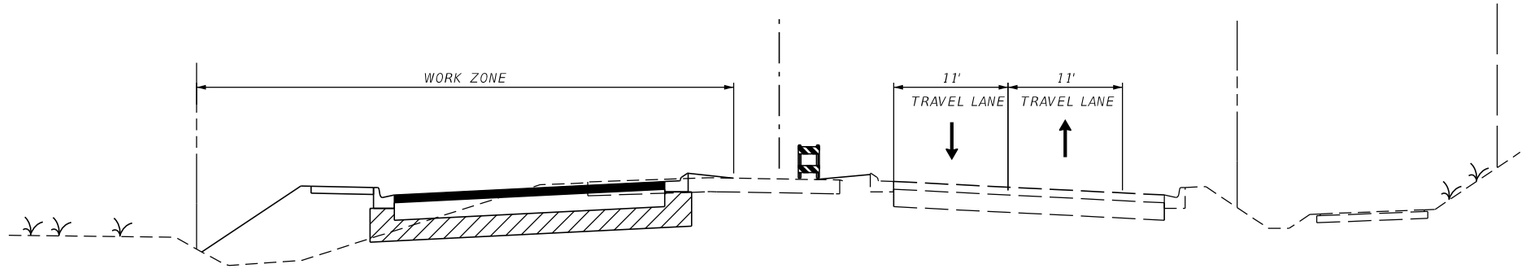
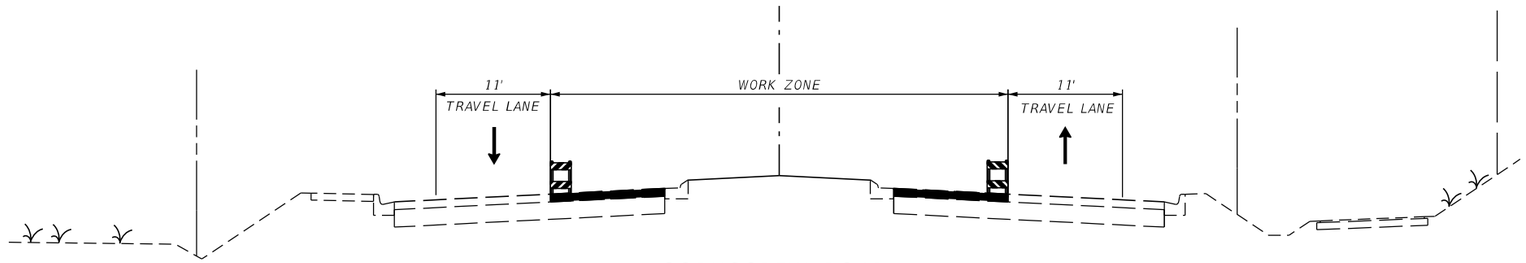


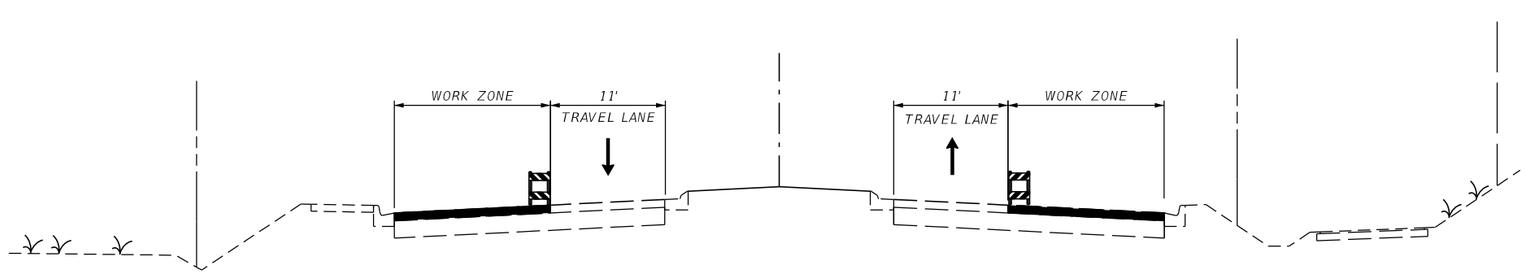
CORKSCREW ROAD
PHASE I



CORKSCREW ROAD
PHASE II



CORKSCREW ROAD
PHASE III



CORKSCREW ROAD
PHASE IV

TYPICAL SECTIONS

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

DAVID DOUGLAS ASSOCIATES, INC.
CIVIL ENGINEERS - LAND PLANNERS - CONTRACT ADMINISTRATORS
1821 Victoria Ave, Fort Myers, Florida 33901
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DEPARTMENT OF TRANSPORTATION

ROAD NAME	COUNTY	DDAI PROJ. NO.
CORKSCREW	LEE	18-0119

TRAFFIC CONTROL

SHEET NO.
TC-3

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