

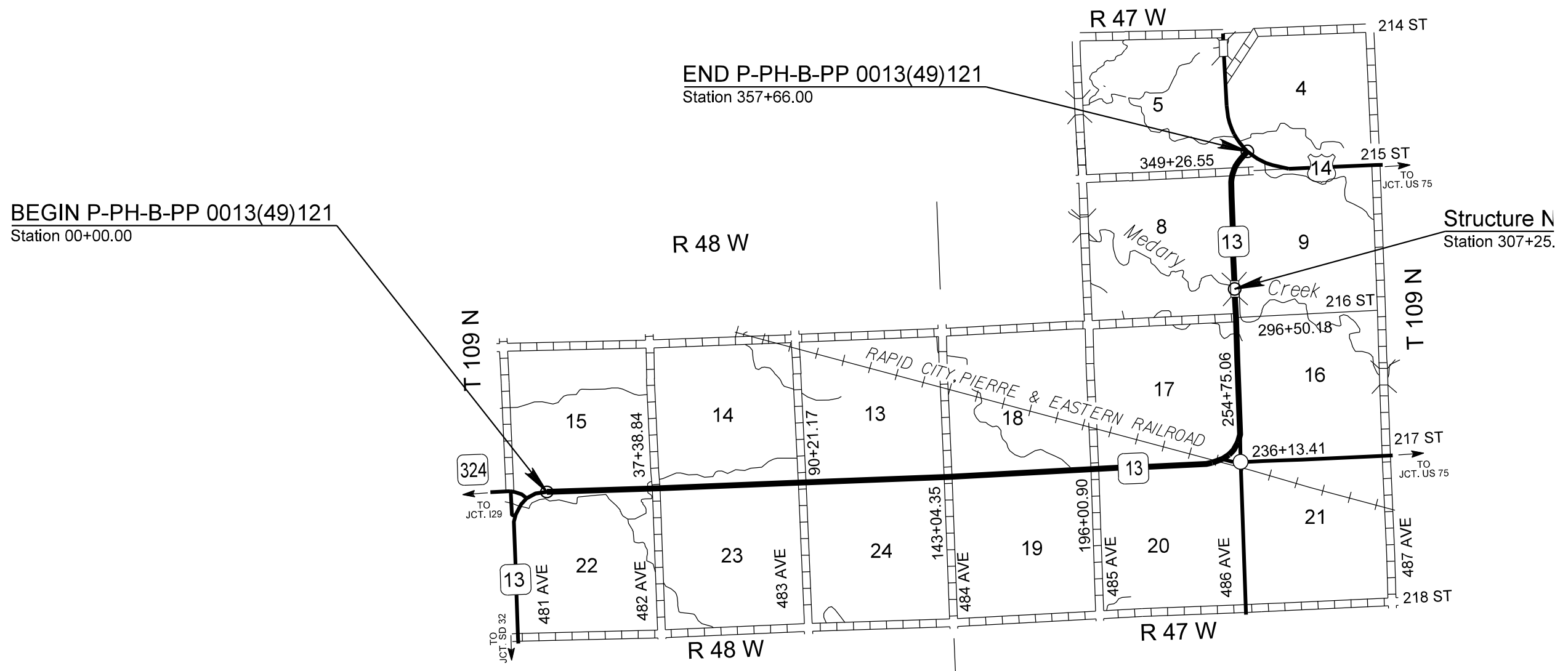
Section X: Cross Sections

STATE OF SOUTH DAKOTA	PROJECT P-PH-B-PP 0013(49)121	SHEET X1	TOTAL SHEETS X110
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Plotting Date: 04/15/2024

INDEX OF SHEETS

X1	General Layout with Index
X2 to X3	Soil Legend
X4 to X108	Mainline Cross Sections
X109 to X110	XR259 Cross Sections



Plot Scale - 1:200

Plotted From - TRSF12140

File - U:\traj\proj\brak05\EXT\TitleX.dgn

Soil Legend

Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	B2	B110

- ①  Clay Silt
- ②  Silt Clay
- ③  Clay
- ④  Sandy Clay
- ⑤  Clay Sand
- ⑥  Silty Sand
- ⑦  Sandy Silt
- ⑧  Sand
- ⑨  Silt
- ⑩  Gravel

The soils information presented is representative of the material encountered at the specific bore hole location.

The Geotechnical Engineering Activity has on file all of the boring logs for this project. These logs and additional results of laboratory tests, if any, are available for review at the Central Office in Pierre.

Water levels encountered in the borings when drilled in June-July 2020 are annotated on the cross-sections.

-  Water Level
-  Caved Hole

Hole Number	1
Station	10+00
Offset	55'LT
Depth, ft	0-5.0
Moisture Depth, ft	3.0
Moisture, %	25.5
Dry Loose Wt, lbs/cuft	77.2
% Passing 3/8	98.9
% Passing #4	98.3
% Passing #10	97.0
% Passing #40	87.0
% Passing #200	74.8
% Sand	22.2
% Silt	42.8
% Clay	32.0
Liquid Limit	42
Plastic Limit	20
Plasticity Index	22
Soil Color	Black to Tan
Textural Class.	Silt Clay
AASHTO Class.	A-7-6 (13)

Hole Number	2
Station	21+00
Offset	40'LT
Depth, ft	0-4.8
Moisture Depth, ft	3.5
Moisture, %	16.9
Dry Loose Wt, lbs/cuft	77.3
% Passing 3/8	10.0
% Passing #4	99.3
% Passing #10	98.2
% Passing #40	89.1
% Passing #200	73.3
% Sand	25.0
% Silt	36.9
% Clay	36.4
Liquid Limit	37
Plastic Limit	16
Plasticity Index	21
Soil Color	Tan
Textural Class.	Silt Clay
AASHTO Class.	A-6 (12)

Hole Number	3	3	3
Station	39+00	39+00	39+00
Offset	6.8'RT	6.8'RT	6.8'RT
Depth, ft	1.4-2.5	2.5-5.5	5.5-8.0
Moisture Depth, ft	2.3	3.0	6.5
Moisture, %	10.8	17.6	13.9
Dry Loose Wt, lbs/cuft	90.5	79.5	86.2
% Passing 3/8	89.2	99.5	97.9
% Passing #4	88.3	99.0	97.1
% Passing #10	86.8	98.4	95.9
% Passing #40	68.3	86.1	80.4
% Passing #200	29.8	61.7	39.4
% Sand	57.0	36.7	56.4
% Silt	17.3	35.7	21.8
% Clay	12.5	26.0	17.6
Liquid Limit	0	34	22
Plastic Limit	0	18	0
Plasticity Index	NP	16	NP
Soil Color	Brown	Charcoal	Tan
Textural Class.	Silty Sand	Clay Sand	Silty Sand
AASHTO Class.	A-2-4 (0)	A-6 (8)	A-4 (1)

Hole Number	4	4
Station	74+00	74+00
Offset	7.0'LT	7.0'LT
Depth, ft	1.4-5.0	5.0-10.0
Moisture Depth, ft	3.4	6.5
Moisture, %	25.3	19.7
Dry Loose Wt, lbs/cuft	77.6	83.2
% Passing 3/8	100.0	97.8
% Passing #4	99.8	96.7
% Passing #10	98.4	95.2
% Passing #40	86.2	77.3
% Passing #200	69.3	53.1
% Sand	29.1	42.2
% Silt	41.3	31.7
% Clay	27.9	21.3
Liquid Limit	41	27
Plastic Limit	20	15
Plasticity Index	21	12
Soil Color	Charcoal	Tan
Textural Class.	Clay Silt	Clay Sand
AASHTO Class.	A-7-6 (11)	A-6 (4)

Hole Number	5	5
Station	92+00	92+00
Offset	7.2'RT	7.2'RT
Depth, ft	1.5-3.0	3.0-8.0
Moisture Depth, ft	2.5	6.0
Moisture, %	26.2	23.3
Dry Loose Wt, lbs/cuft	77.8	78.6
% Passing 3/8	97.1	100.0
% Passing #4	96.1	99.7
% Passing #10	95.2	99.2
% Passing #40	85.8	92.3
% Passing #200	73.1	77.0
% Sand	22.0	22.2
% Silt	40.4	38.9
% Clay	32.7	38.1
Liquid Limit	41	41
Plastic Limit	20	17
Plasticity Index	21	24
Soil Color	Black to Gray	Brown to Tan
Textural Class.	Silt Clay	Silt Clay
AASHTO Class.	A-7-6 (12)	A-7-6 (14)

Hole Number	6	6
Station	110+00	110+00
Offset	6.2'RT	6.2'RT
Depth, ft	1.5-5.0	5.0-10.0
Moisture Depth, ft	3.0	8.0
Moisture, %	20.7	23.0
Dry Loose Wt, lbs/cuft	78.4	73.6
% Passing 3/8	99.8	100.0
% Passing #4	99.4	100.0
% Passing #10	98.6	99.9
% Passing #40	88.3	97.7
% Passing #200	69.1	88.1
% Sand	29.5	11.8
% Silt	41.1	65.7
% Clay	28.0	22.4
Liquid Limit	39	27
Plastic Limit	19	18
Plasticity Index	20	9
Soil Color	Black to Gray	Tan
Textural Class.	Clay Silt	Clay Silt
AASHTO Class.	A-6 (11)	A-4 (8)

Hole Number	7	7
Station	125+00	125+00
Offset	7.2'RT	7.2'RT
Depth, ft	1.4-5.0	5.0-8.0
Moisture Depth, ft	3.0	6.0
Moisture, %	28.9	25.7
Dry Loose Wt, lbs/cuft	77.8	74.5
% Passing 3/8	100.0	99.7
% Passing #4	99.6	99.2
% Passing #10	98.6	98.4
% Passing #40	90.6	92.3
% Passing #200	77.1	77.3
% Sand	21.5	21.1
% Silt	44.1	46.4
% Clay	32.9	30.9
Liquid Limit	42	35
Plastic Limit	20	17
Plasticity Index	22	18
Soil Color	Charcoal	Tan
Textural Class.	Silt Clay	Silt Clay
AASHTO Class.	A-7-6 (13)	A-6 (11)

Hole Number	8	8
Station	150+00	150+00
Offset	7.6'LT	7.6'LT
Depth, ft	1.5-4.5	4.5-8.0
Moisture Depth, ft	3.5	6.0
Moisture, %	28.1	23.5
Dry Loose Wt, lbs/cuft	78.2	76.1
% Passing 3/8	98.3	100.0
% Passing #4	97.4	99.9
% Passing #10	96.2	98.8
% Passing #40	87.1	93.1
% Passing #200	71.8	79.4
% Sand	24.4	19.4
% Silt	42.0	43.8
% Clay	29.8	35.6
Liquid Limit	39	37
Plastic Limit	20	18
Plasticity Index	19	19
Soil Color	Charcoal	Tan
Textural Class.	Clay Silt	Silt Clay
AASHTO Class.	A-6 (11)	A-6 (12)

Hole Number	9	9
Station	175+00	175+00
Offset	6.6'RT	6.6'RT
Depth, ft	1.6-5.0	5.0-7.5
Moisture Depth, ft	3.5	6.0
Moisture, %	29.0	23.3
Dry Loose Wt, lbs/cuft	75.4	74.7
% Passing 3/8	99.7	99.8
% Passing #4	99.3	99.1
% Passing #10	98.2	98.1
% Passing #40	92.5	90.0
% Passing #200	86.2	75.2
% Sand	12.0	22.9
% Silt	50.5	47.4
% Clay	35.7	27.9
Liquid Limit	47	35
Plastic Limit	23	17
Plasticity Index	24	18
Soil Color	Charcoal	Tan
Textural Class.	Silt Clay	Clay Silt
AASHTO Class.	A-7-6 (15)	A-6 (11)

Hole Number	10	10
Station	194+00	194+00
Offset	6.0'RT	6.0'RT
Depth, ft	1.4-4.0	4.0-8.0
Moisture Depth, ft	3.0	6.0
Moisture, %	29.5	29.1
Dry Loose Wt, lbs/cuft	75.5	73.9
% Passing 3/8	98.3	99.7
% Passing #4	97.2	99.7
% Passing #10	95.5	99.2
% Passing #40	88.3	96.8
% Passing #200	82.2	92.0
% Sand	13.4	7.2
% Silt	46.8	51.3
% Clay	35.4	40.7
Liquid Limit	47	44
Plastic Limit	23	18
Plasticity Index	24	26
Soil Color	Charcoal	Tan
Textural Class.	Silt Clay	Silt Clay
AASHTO Class.	A-7-6 (15)	A-7-6 (15)

Hole Number	11	11
Station	226+00	226+00
Offset	7.0'RT	7.0'RT
Depth, ft	1.5-3.5	3.5-8.0
Moisture Depth, ft	3.0	6.0
Moisture, %	30.2	25.0
Dry Loose Wt, lbs/cuft	75.9	75.7
% Passing 3/8	99.6	99.2
% Passing #4	98.9	99.0
% Passing #10	96.6	98.2
% Passing #40	89.7	94.5
% Passing #200	82.7	85.4
% Sand	13.9	12.9
% Silt	47.9	49.0
% Clay	34.8	36.4
Liquid Limit	45	44
Plastic Limit	21	18
Plasticity Index	24	26
Soil Color	Charcoal	Light Brown
Textural Class.	Silt Clay	Silt Clay
AASHTO Class.	A-7-6 (15)	A-7-6 (15)

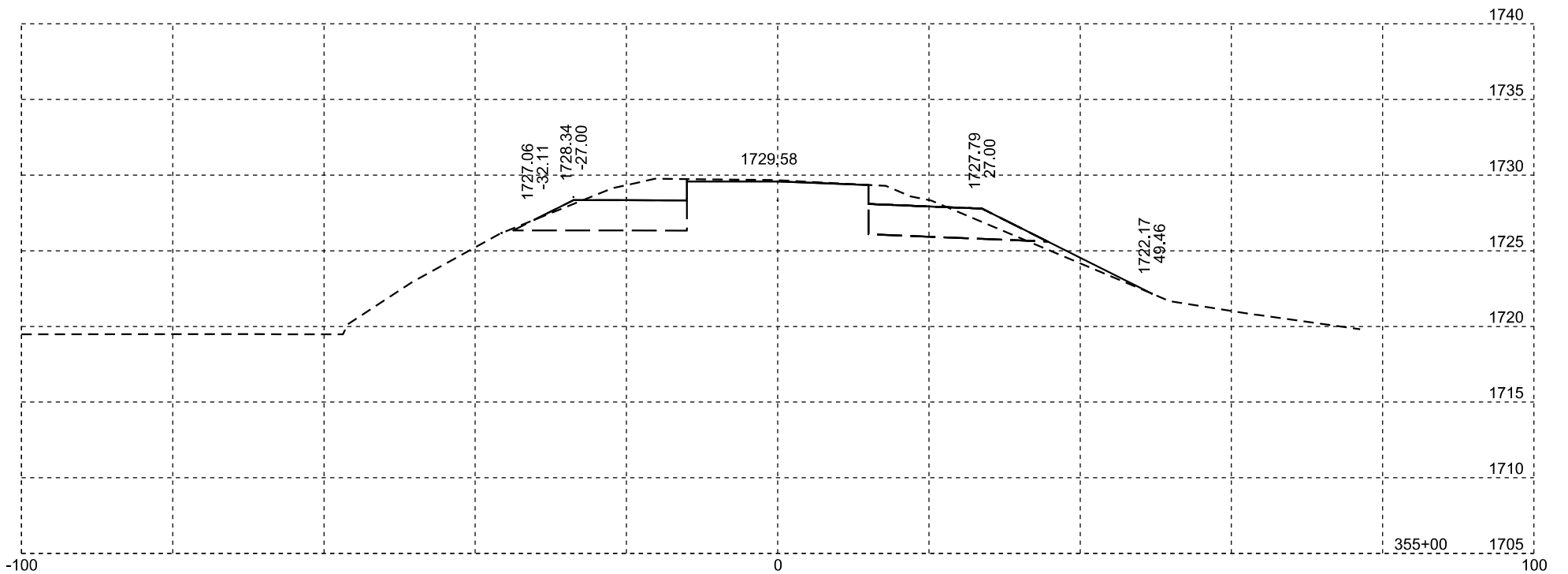
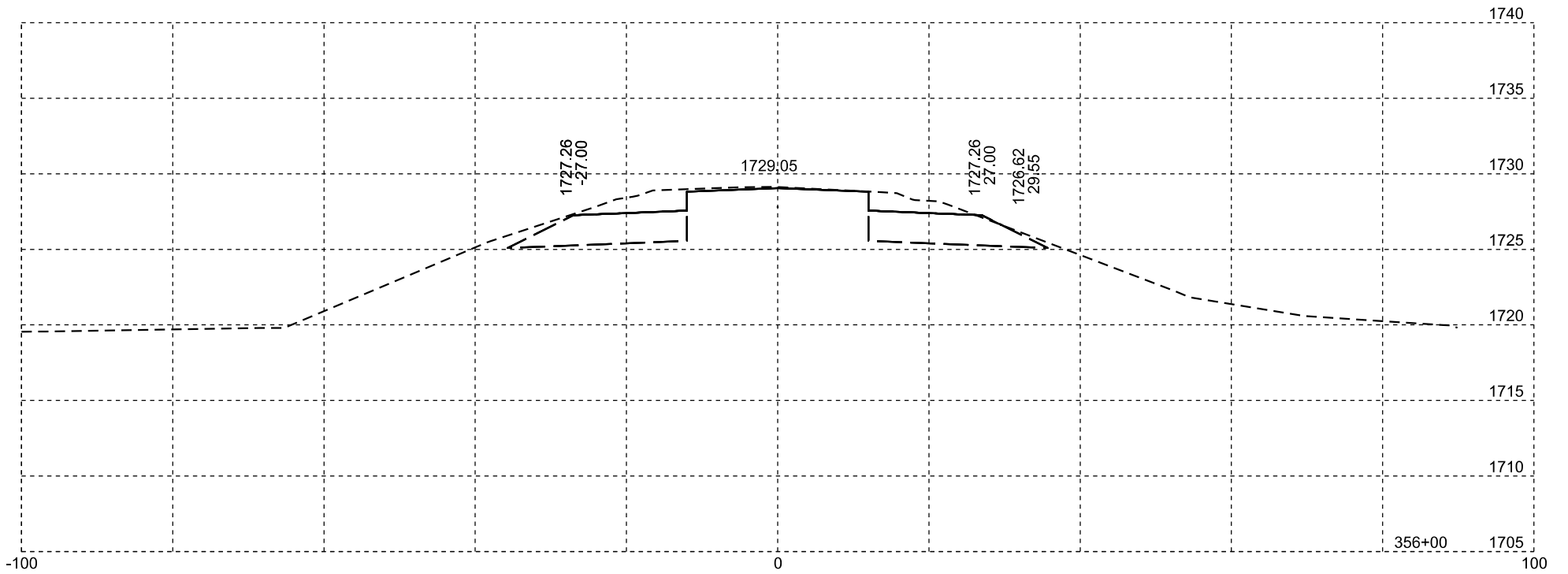
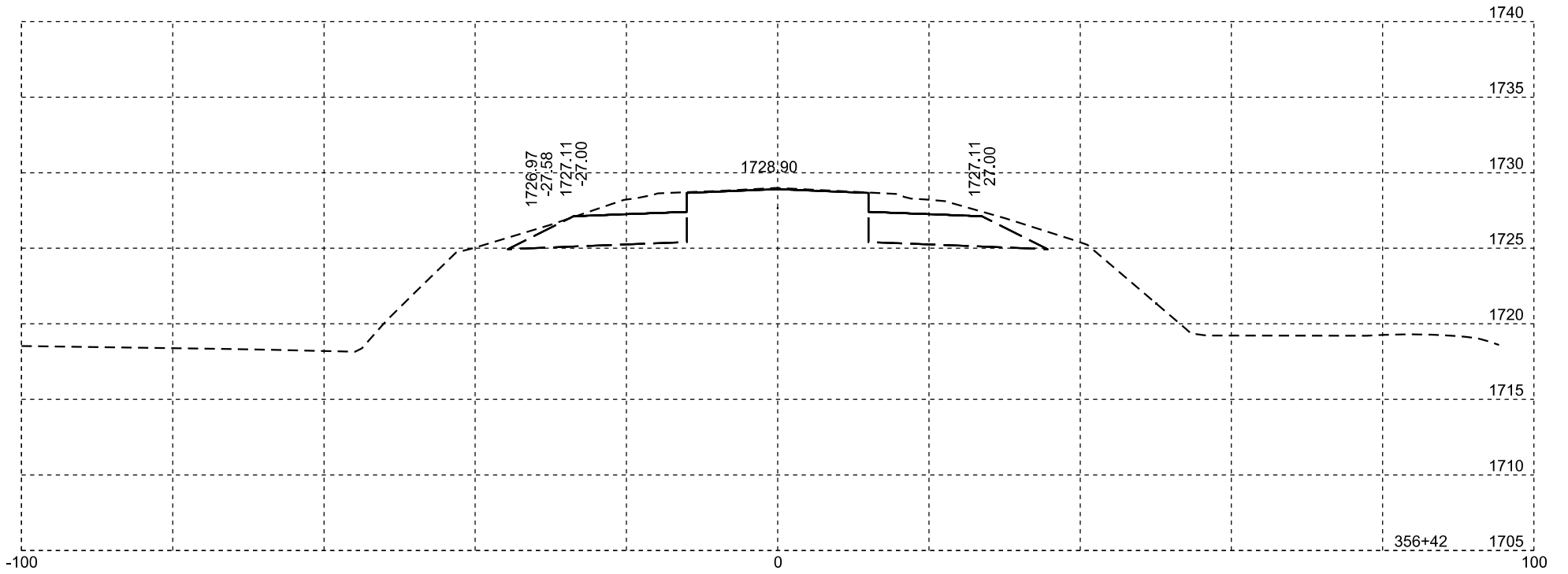
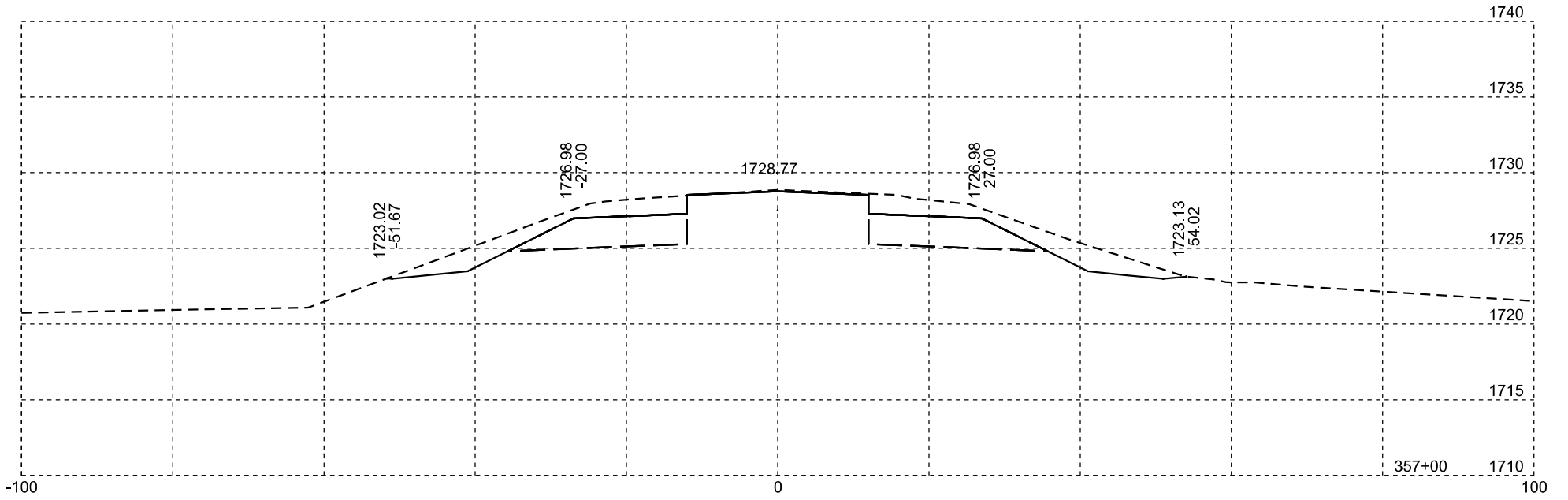
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Station	237+00	237+00
Offset	6.0'RT	6.0'RT
Depth, ft	1.5-3.5	3.5-9.5
Moisture Depth, ft	3.5	6.0
Moisture, %	28.5	27.9
Dry Loose Wt, lbs/cuft	74.3	75.9
% Passing 3/8	100.0	100.0
% Passing #4	99.9	99.8
% Passing #10	98.9	98.5
% Passing #40	93.8	92.7
% Passing #200	87.6	84.4
% Sand	11.2	14.1
% Silt	53.0	49.9
% Clay	34.6	34.5
Liquid Limit	45	43
Plastic Limit	23	23
Plasticity Index	22	20
Soil Color	Light Brown	Brown
Textural Class.	Silt Clay	Silt Clay
AASHTO Class.	A-7-6 (14)	A-7-6 (13)

Hole Number	13	13
Station	251+00	251+00
Offset	7.4'RT	7.4'RT
Depth, ft	1.7-5.0	5.0-9.8
Moisture Depth, ft	2.8	6.0
Moisture, %	32.4	18.8
Dry Loose Wt, lbs/cuft	75.1	85.7
% Passing 3/8	99.2	93.2
% Passing #4	98.7	90.1
% Passing #10	98.3	87.3
% Passing #40	94.2	75.1
% Passing #200	87.1	64.5
% Sand	11.2	22.8
% Silt	55.2	39.7
% Clay	31.9	24.8
Liquid Limit	41	39
Plastic Limit	23	20
Plasticity Index	18	19
Soil Color	Brown	Light Brown
Textural Class.	Silt Clay	Clay Silt
AASHTO Class.	A-7-6 (11)	A-6 (9)

Hole Number	14	14
Station	275+00	275+00
Offset	6.6'LT	6.6'LT
Depth, ft	1.5-4.5	4.5-8.0
Moisture Depth, ft	2.8	6.0
Moisture, %	15.8	17.1
Dry Loose Wt, lbs/cuft	78.8	76.2
% Passing 3/8	99.7	100.0
% Passing #4	99.5	100.0
% Passing #10	98.8	99.7
% Passing #40	86.7	92.8
% Passing #200	46.4	66.1
% Sand	52.4	33.6
% Silt	29.2	43.8
% Clay	17.2	22.3
Liquid Limit	28	31
Plastic Limit	15	17
Plasticity Index	12	14
Soil Color	Brown	Brown
Textural Class.	Silty Sand	Clay Silt
AASHTO Class.	A-6 (3)	A-6 (8)

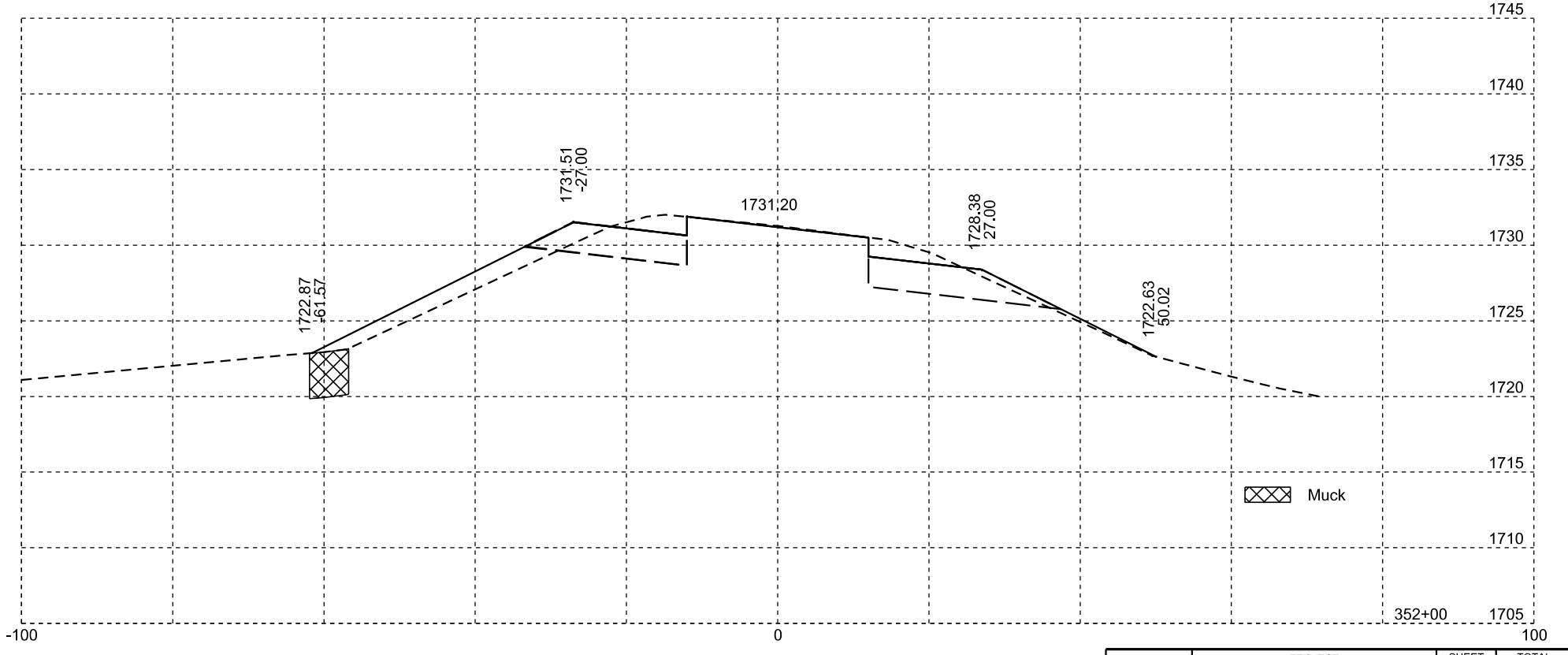
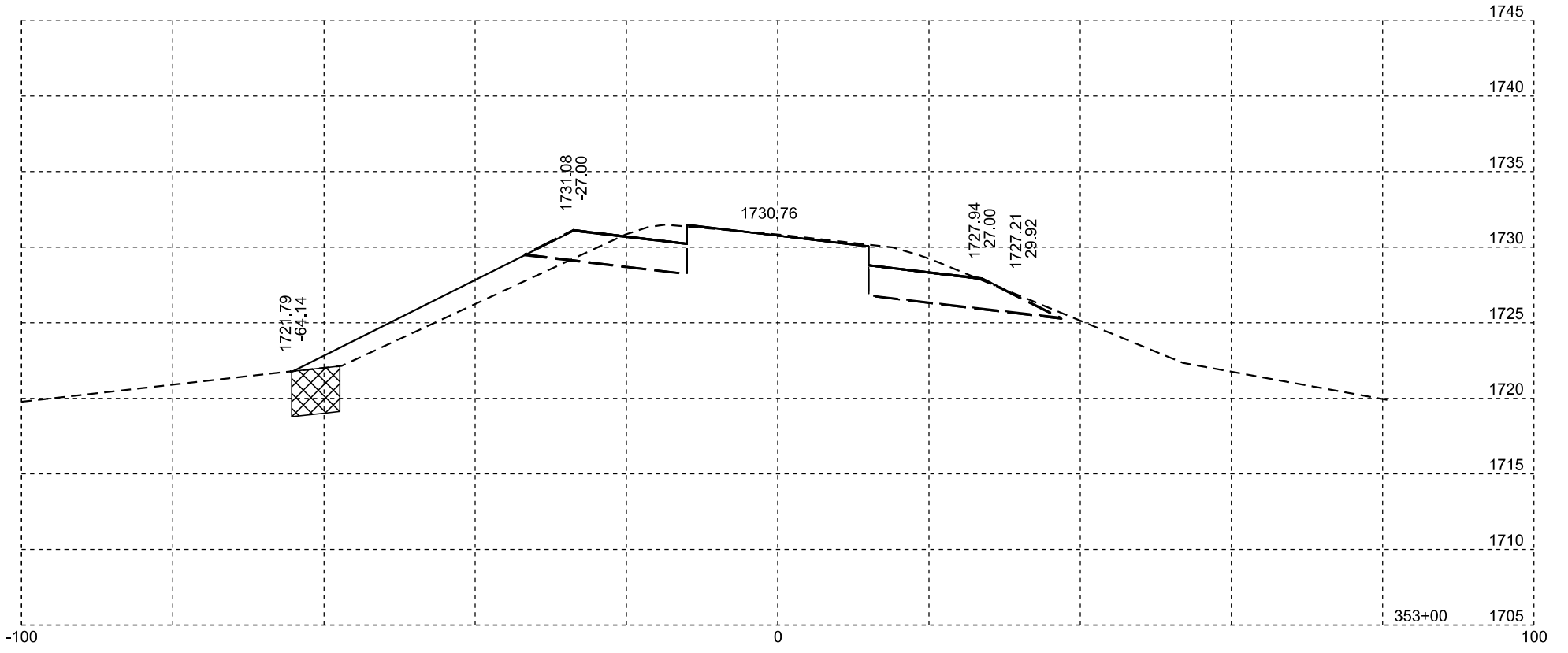
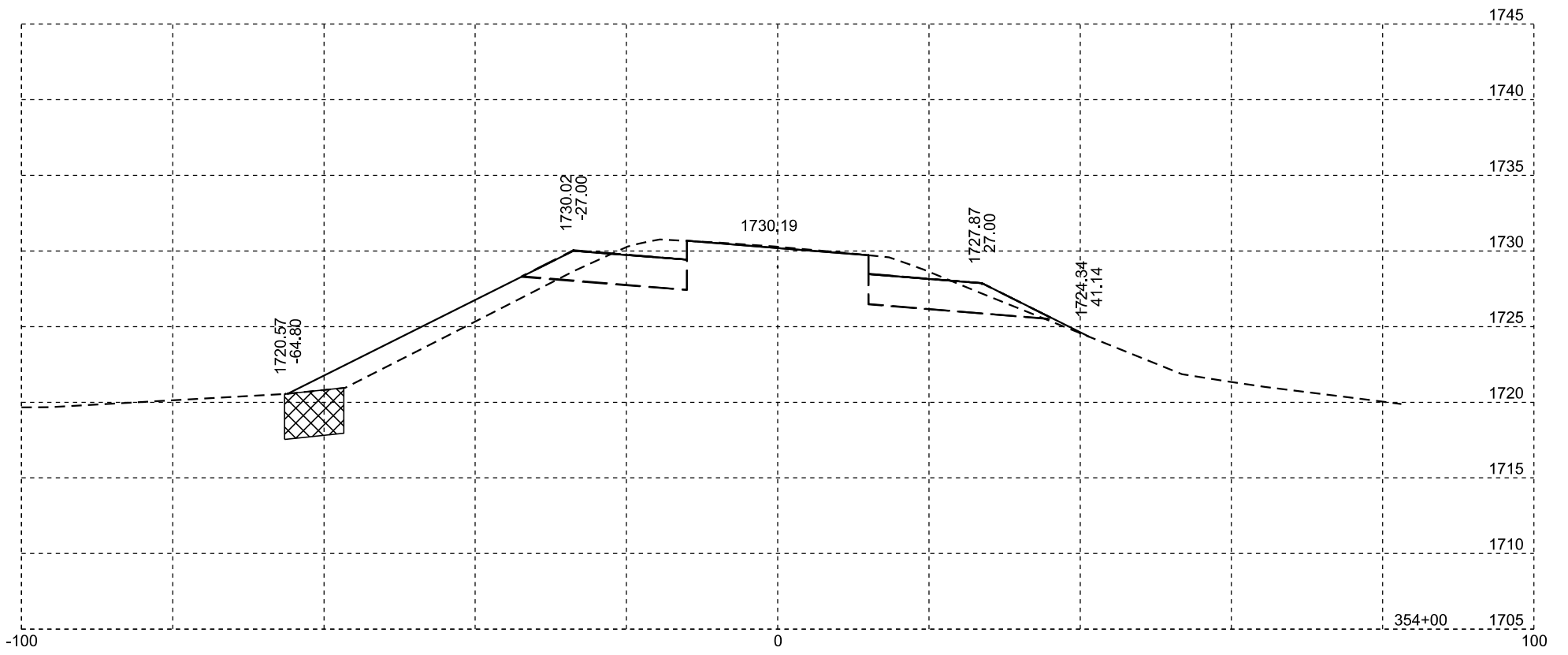
Hole Number	15	15	15
Station	302+00	302+00	302+00
Offset	6.2'RT	6.2'RT	6.2'RT
Depth, ft	1.5-2.6	2.6-5.0	5.0-10.0
Moisture Depth, ft	2.4	3.0	6.0
Moisture, %	11.8	6.6	33.1
Dry Loose Wt, lbs/cuft	84.7	102.4	73.4
% Passing 3/8	96.1	77.7	100.0
% Passing #4	93.4	72.2	99.6
% Passing #10	91.9	66.7	98.9
% Passing #40	72.7	46.9	93.2
% Passing #200	47.4	25.9	76.8
% Sand	44.5	40.8	22.1
% Silt	30.5	16.3	44.8
% Clay	16.9	9.6	32.0
Liquid Limit	32	26	47
Plastic Limit	19	16	23
Plasticity Index	13	10	24
Soil Color	Charcoal	Brown	Charcoal
Textural Class.	Silty Sand	Gravelly Silty Sand	Silt Clay
AASHTO Class.	A-6 (4)	A-2-4 (0)	A-7-6 (15)

Hole Number	16	16
Station	338+00	338+00
Offset	6.6'RT	6.6'RT
Depth, ft	1.5-6.0	6.0-8.0
Moisture Depth, ft	3.0	6.5
Moisture, %	12.6	11.7
Dry Loose Wt, lbs/cuft	81.8	82.3
% Passing 3/8	96.6	98.0
% Passing #4	94.6	96.1
% Passing #10	92.6	92.8
% Passing #40	72.2	69.4
% Passing #200	44.7	42.1
% Sand	47.9	50.6
% Silt	25.8	23.2
% Clay	18.9	18.9
Liquid Limit	32	29
Plastic Limit	18	15
Plasticity Index	14	14
Soil Color	Charcoal	Tan
Textural Class.	Silty Sand	Silty Sand
AASHTO Class.	A-6 (3)	A-6 (3)



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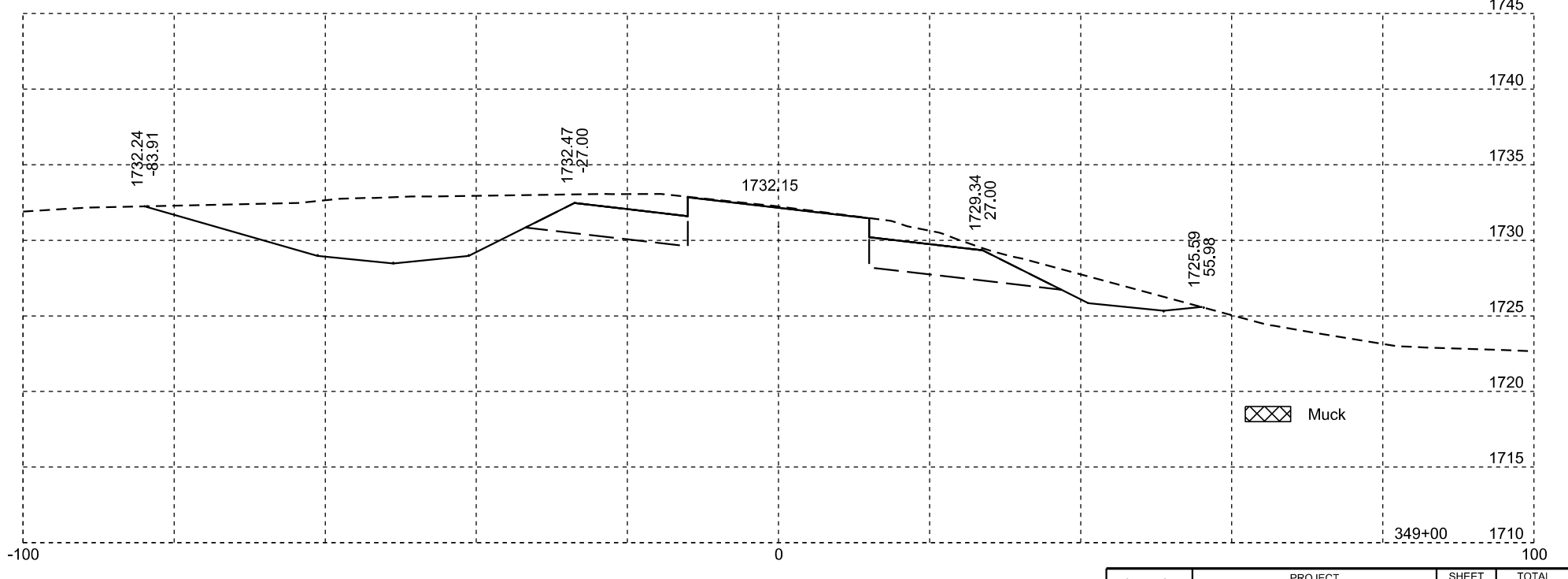
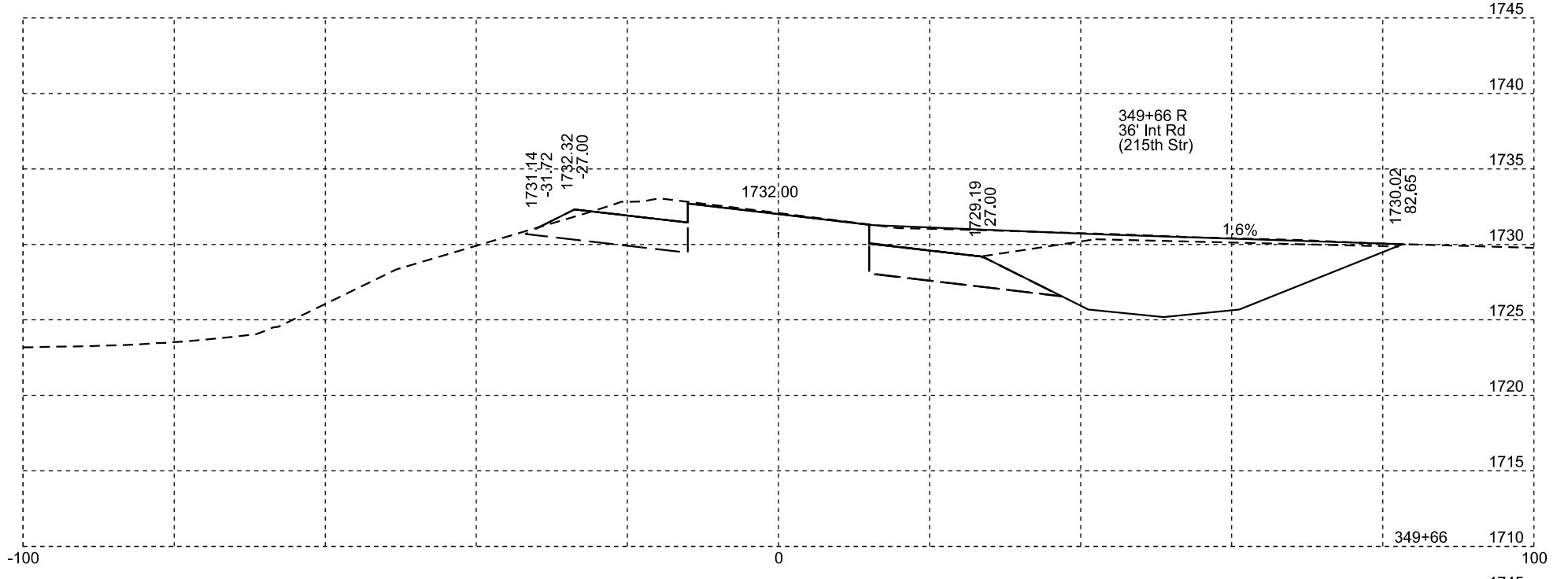
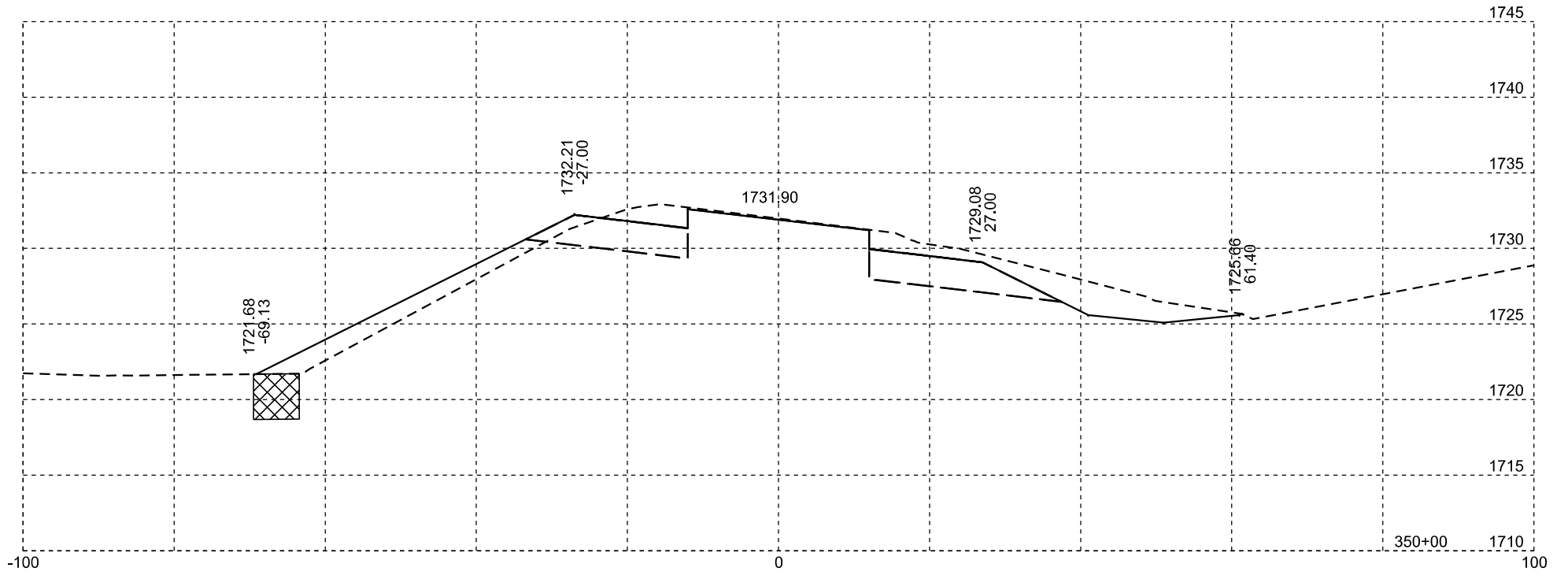
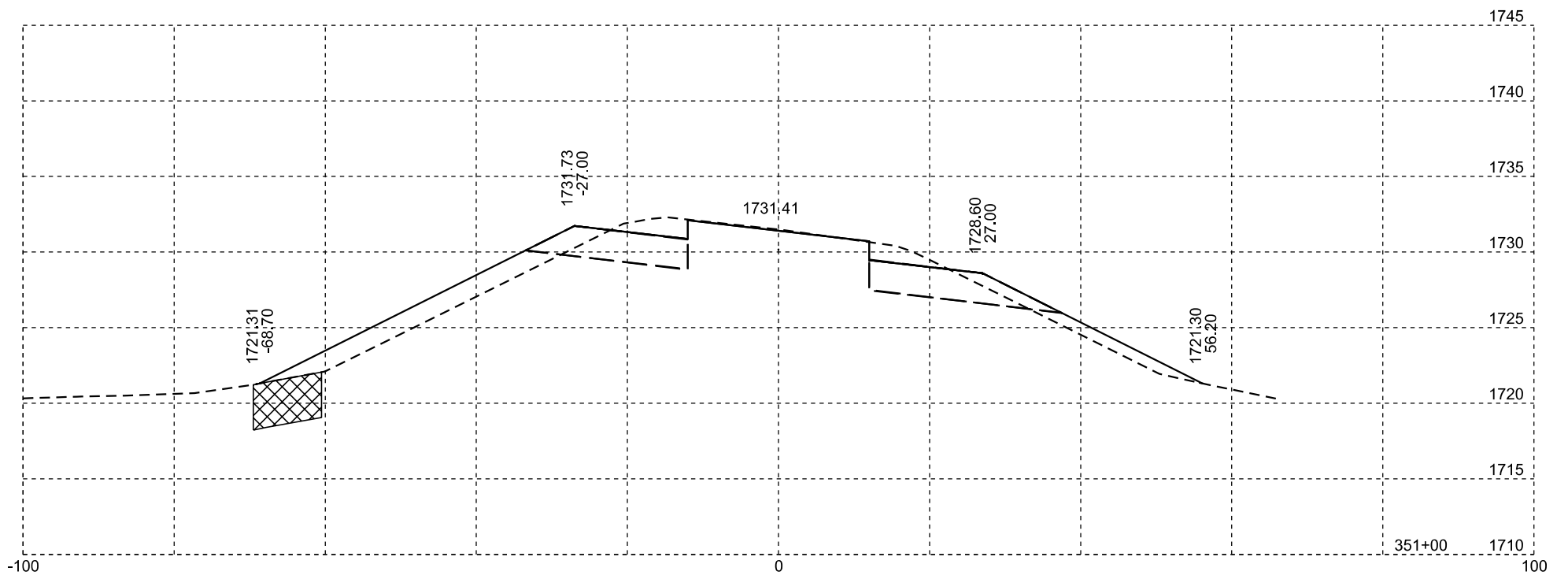
STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X4	X110



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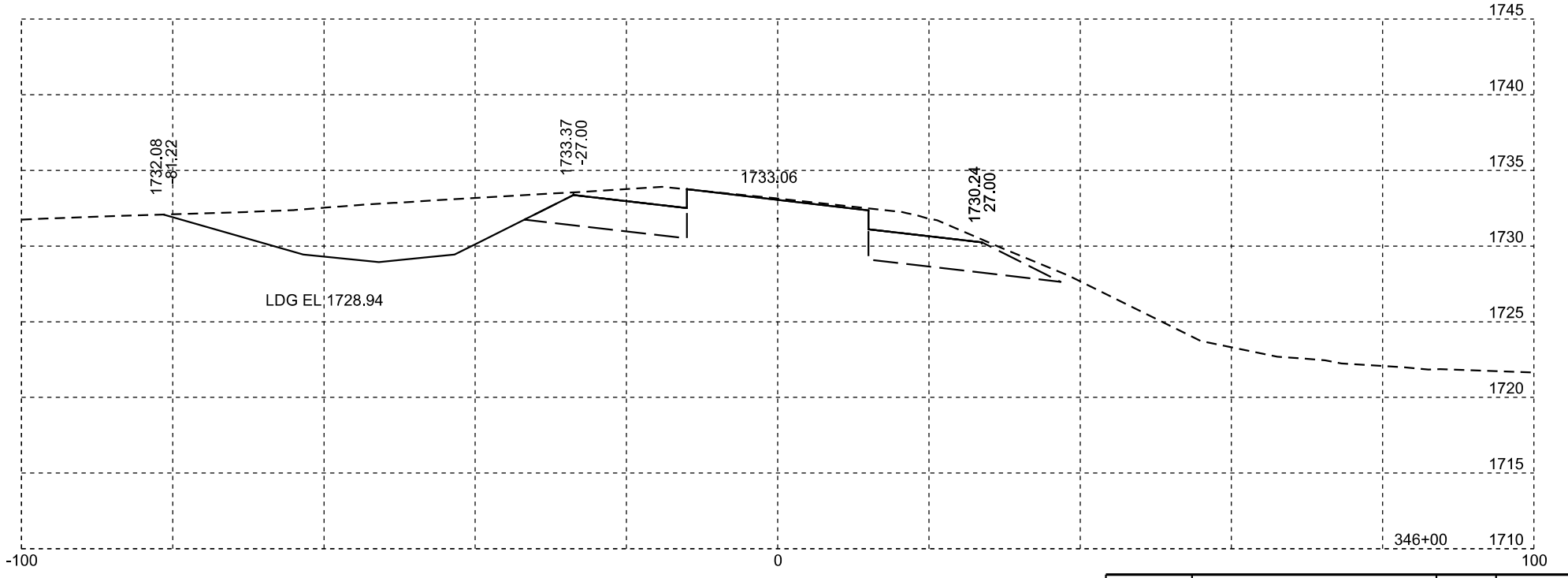
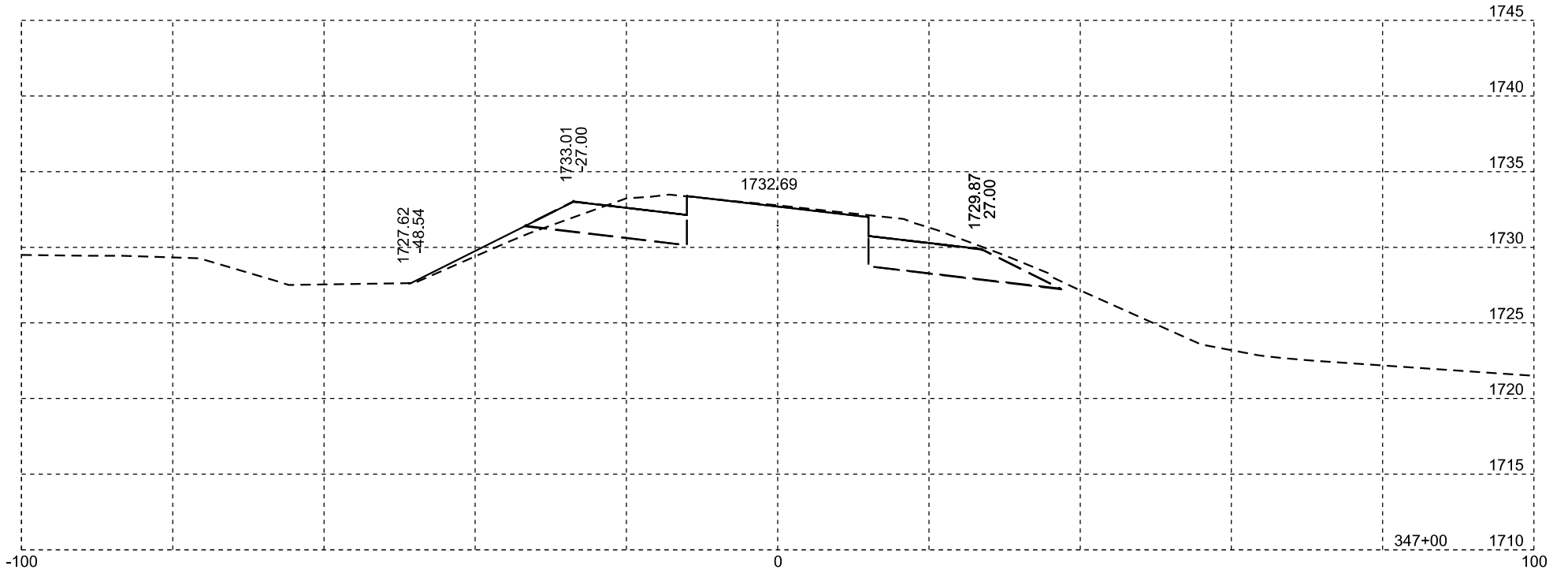
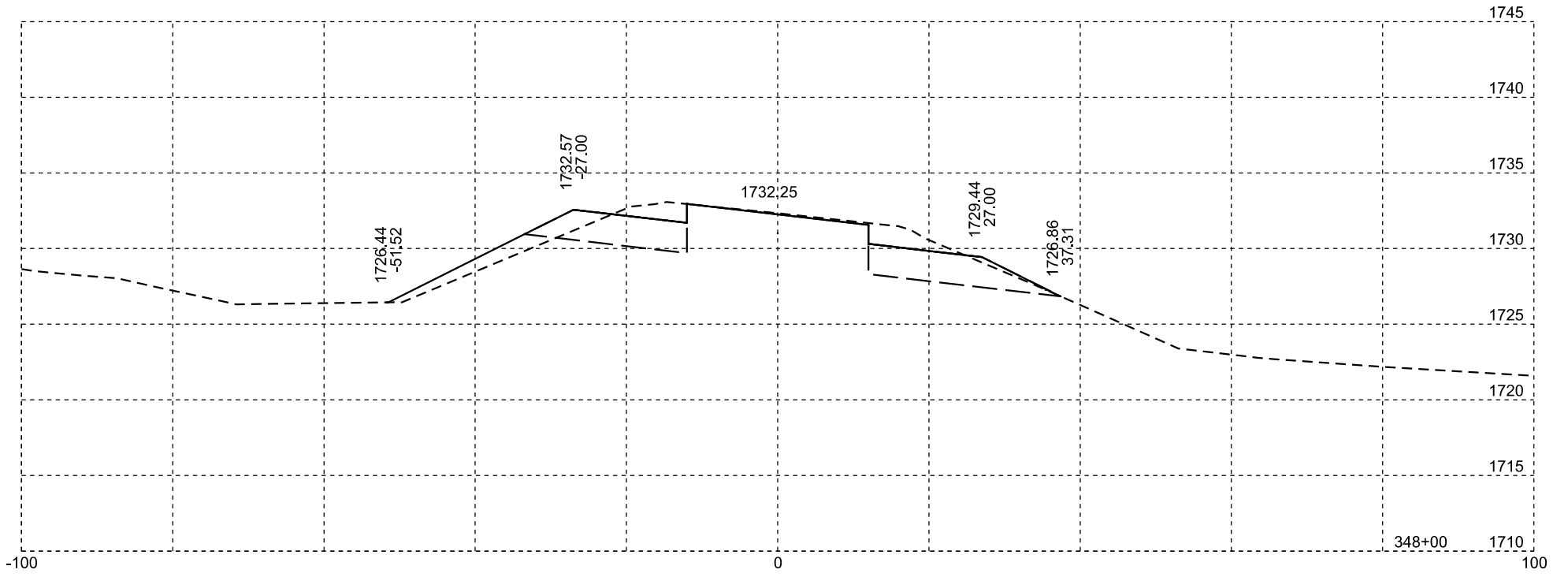
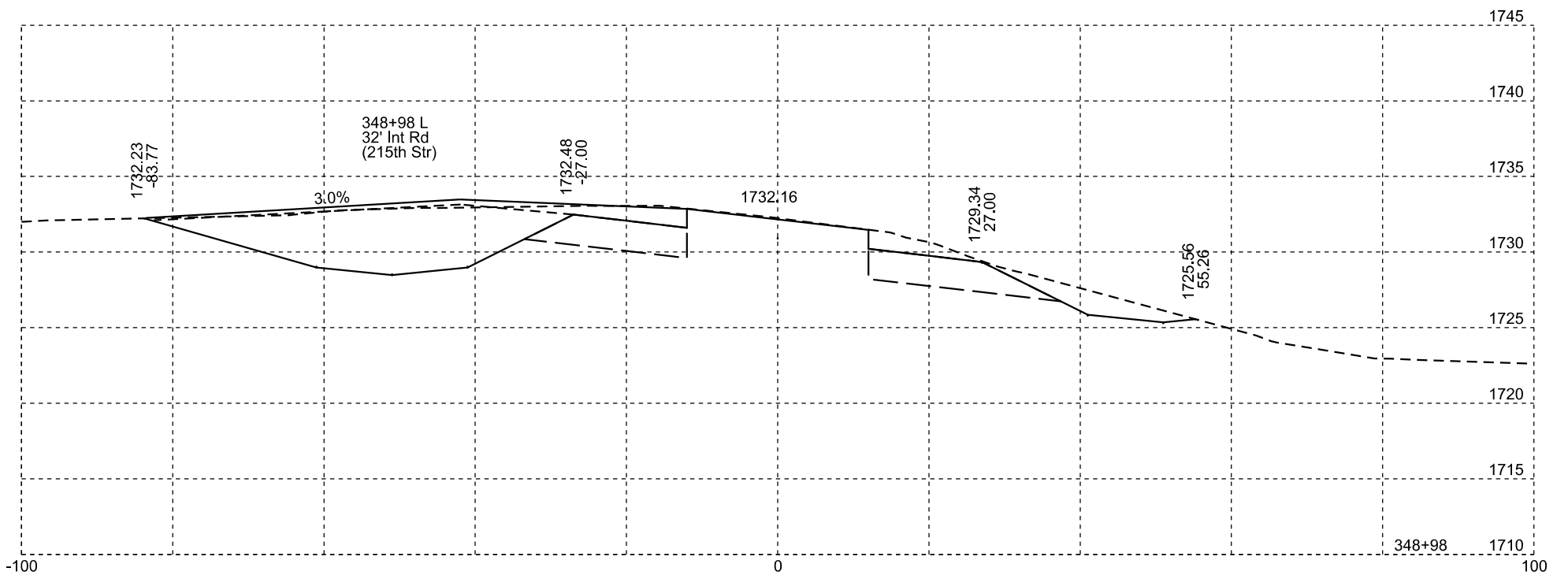
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STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X5	X110



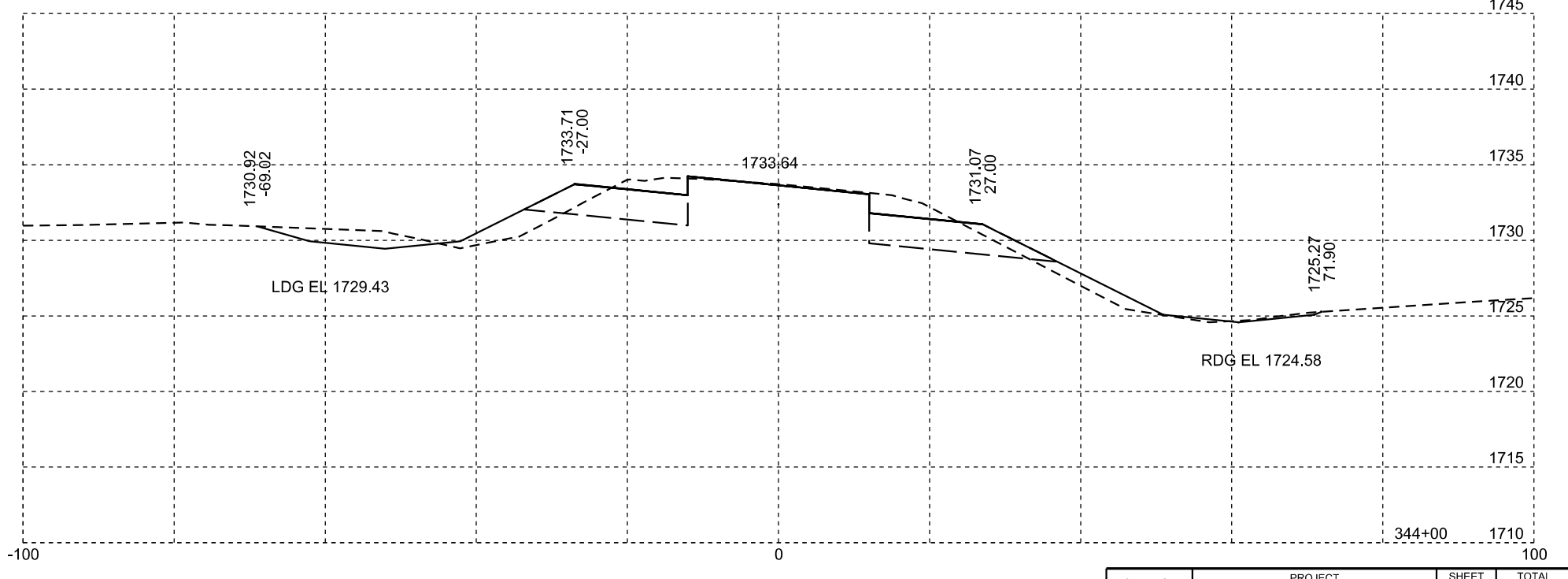
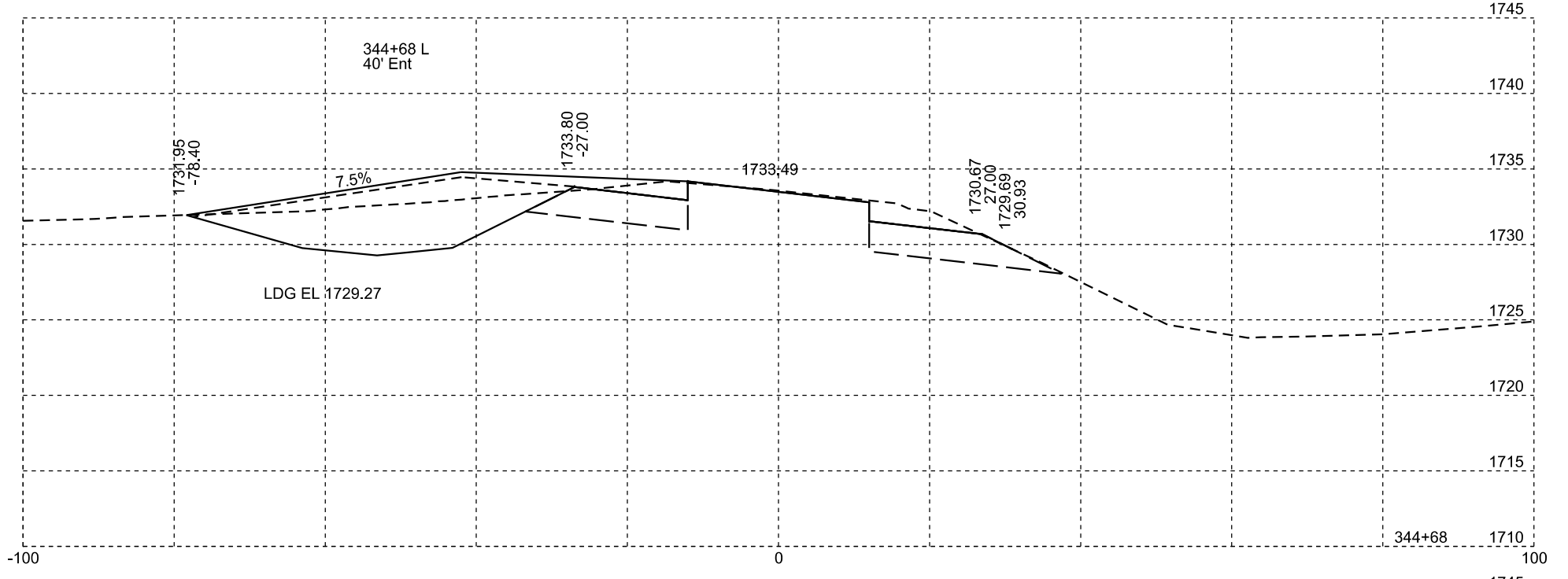
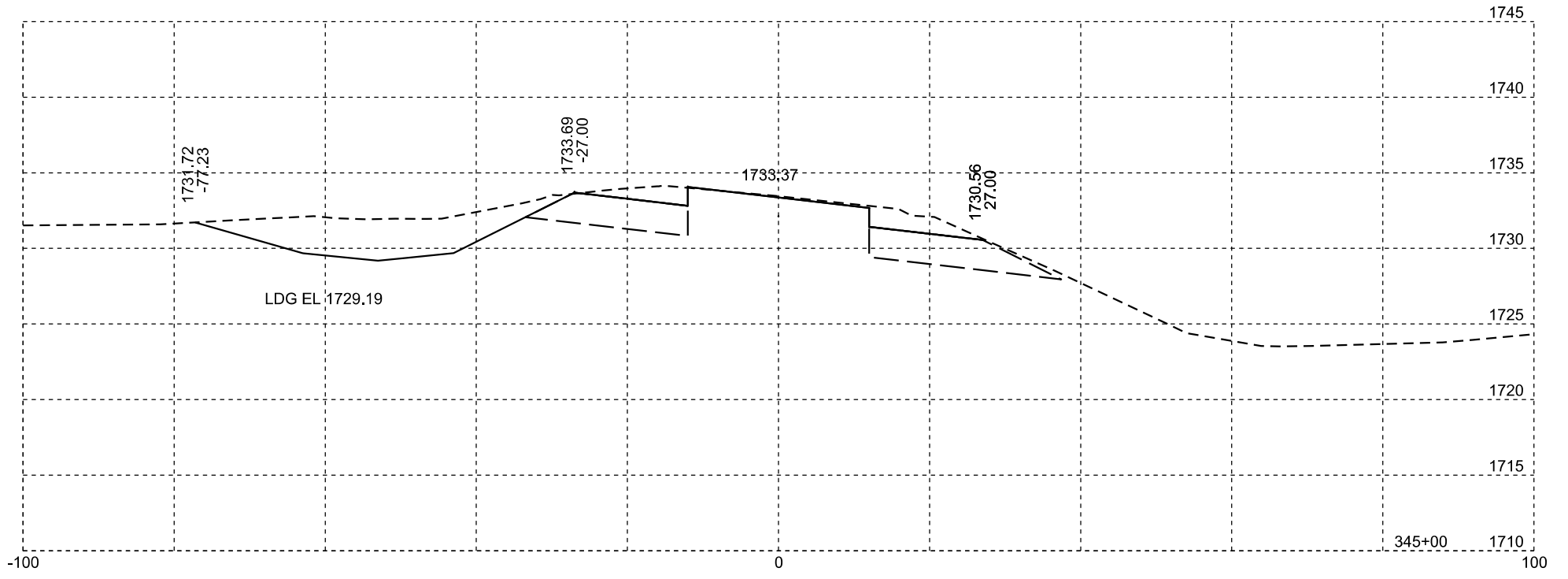
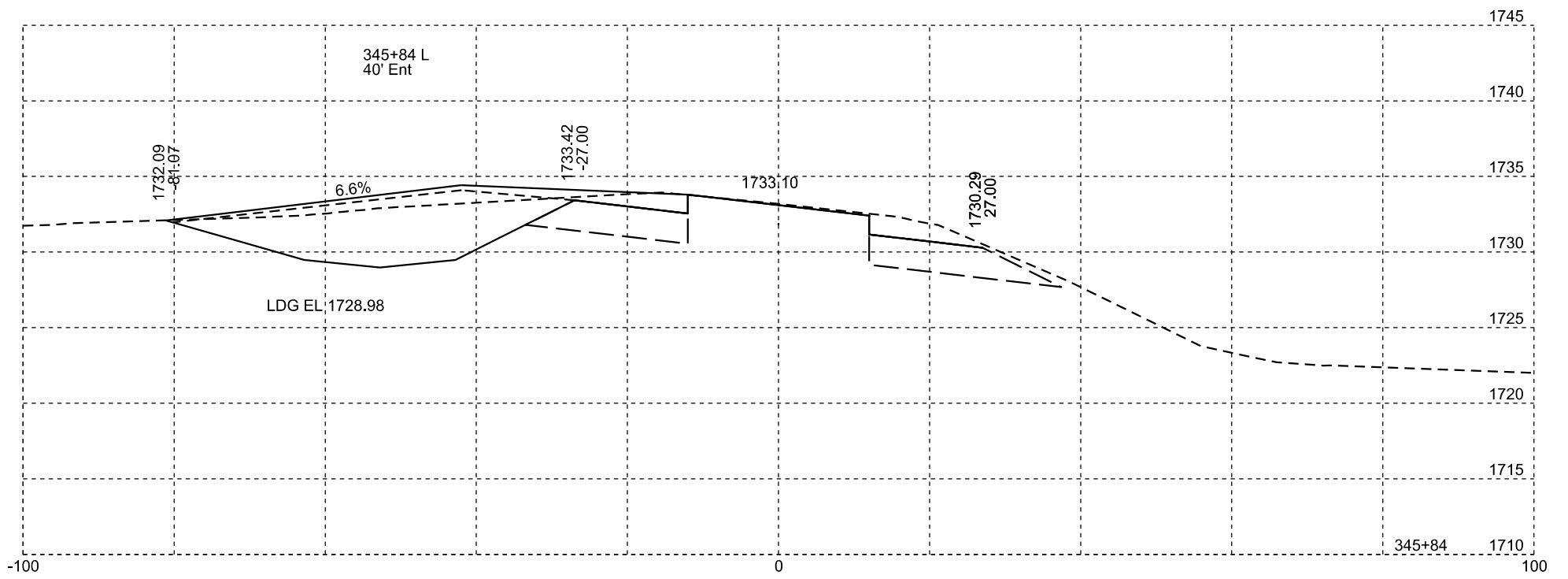
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STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X6	X110



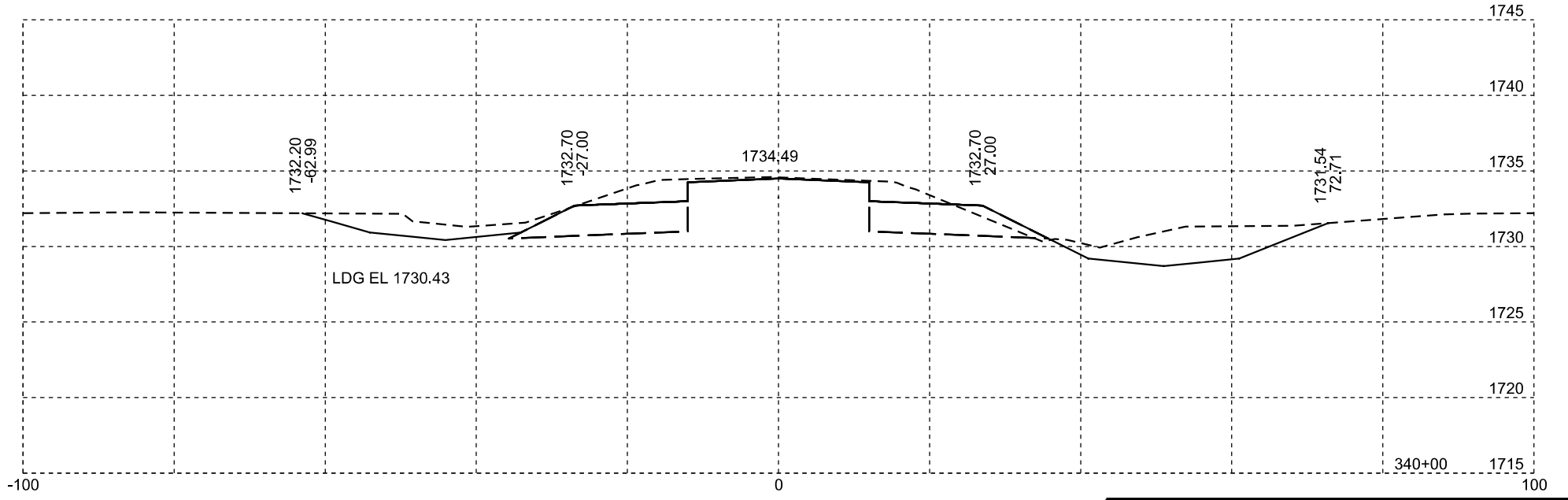
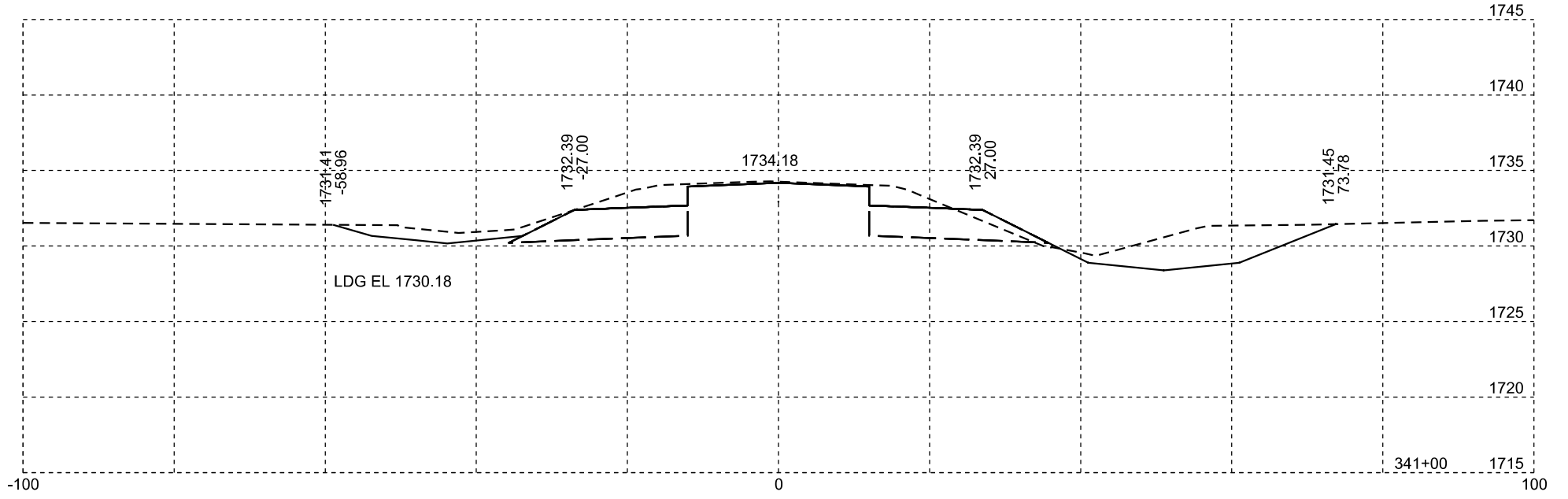
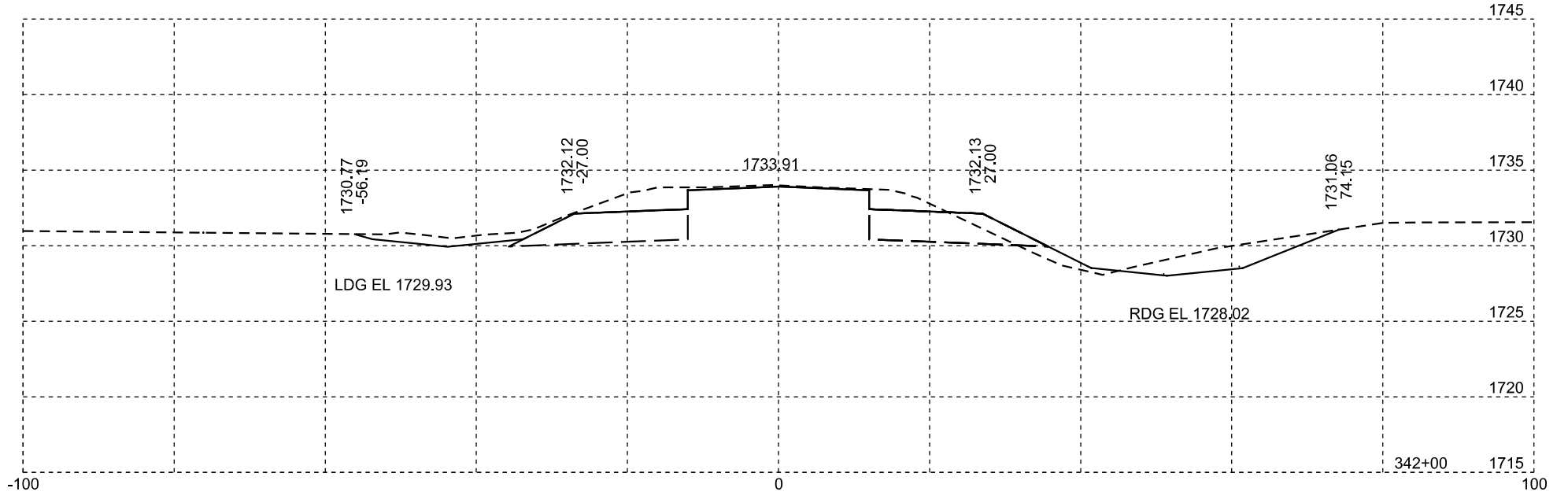
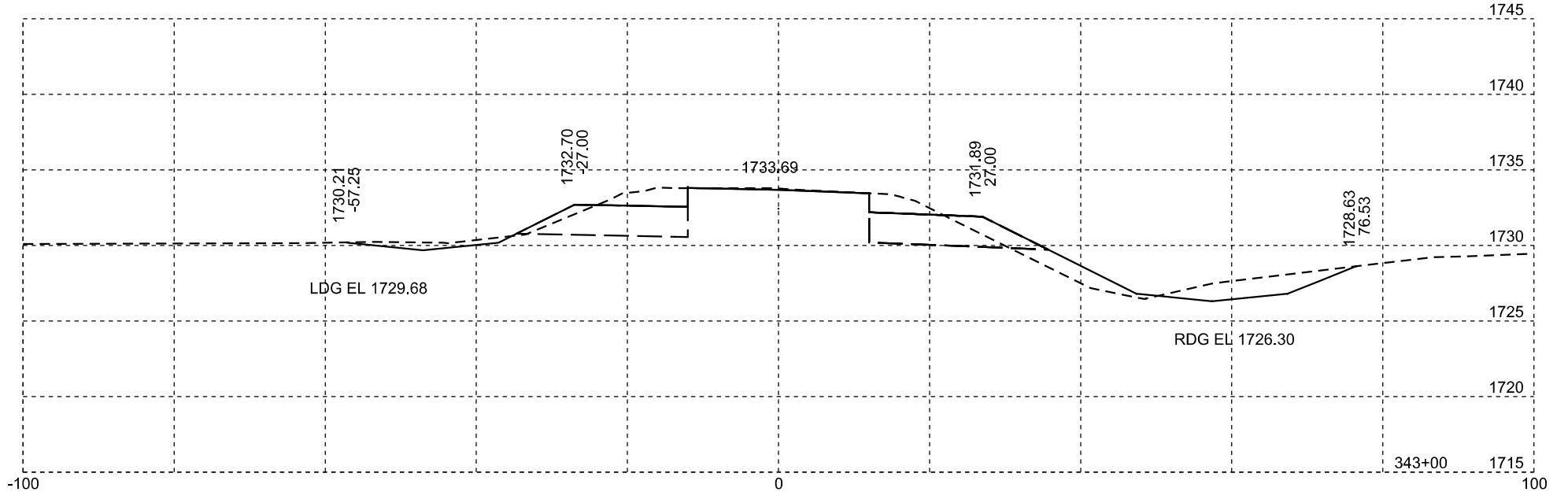
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STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X7	X110



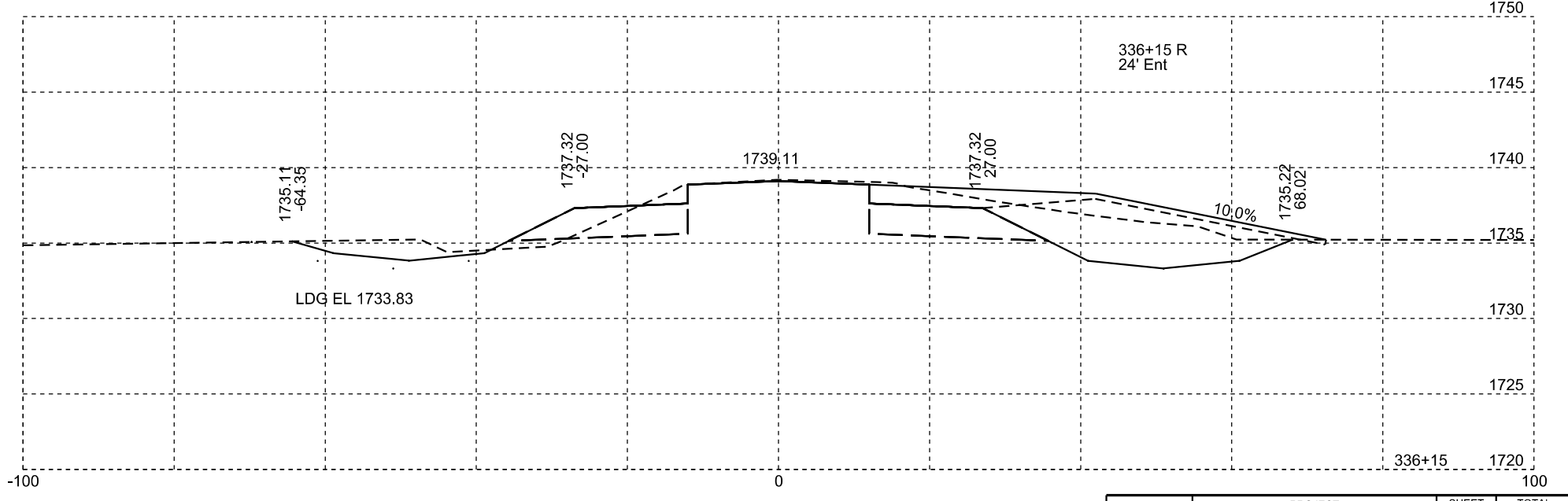
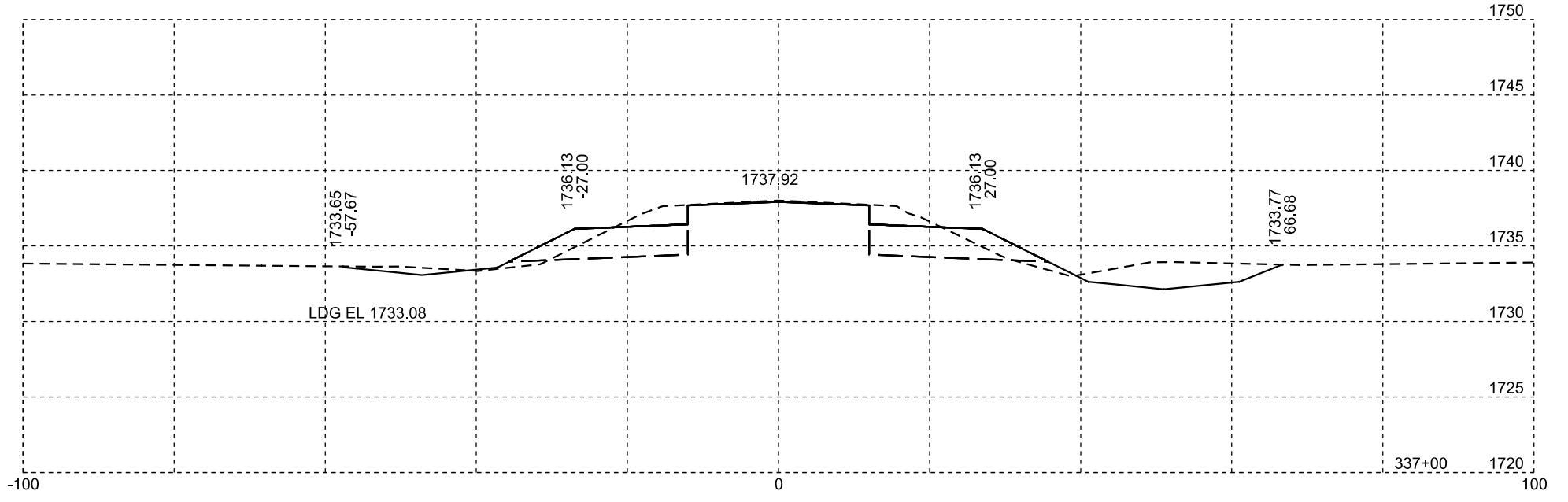
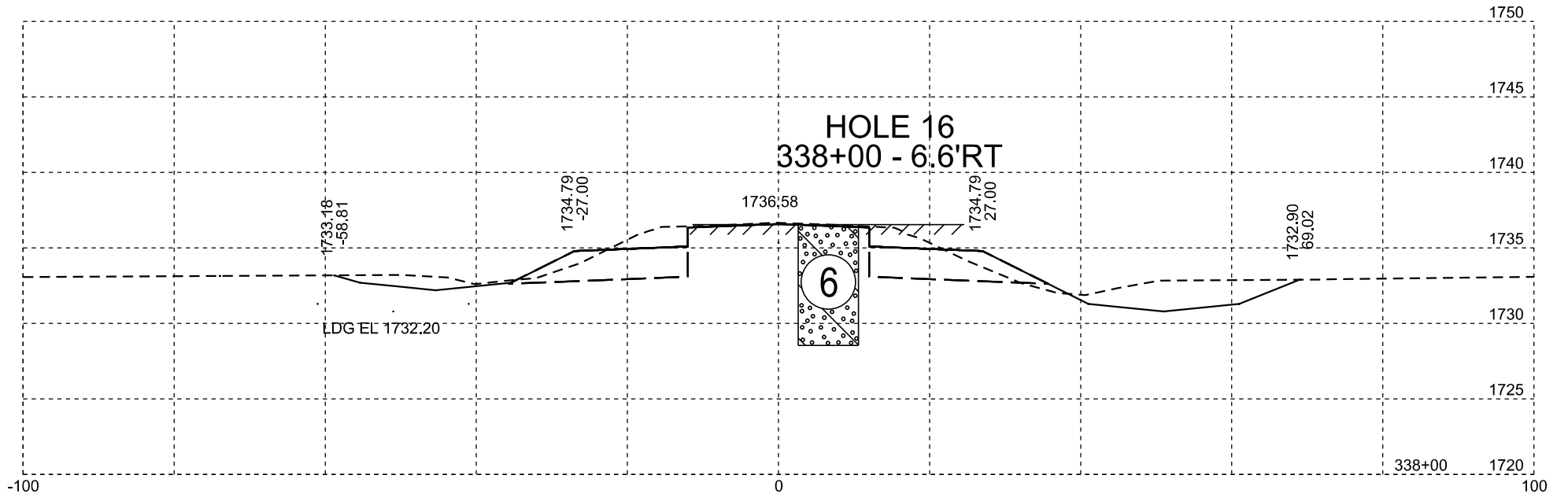
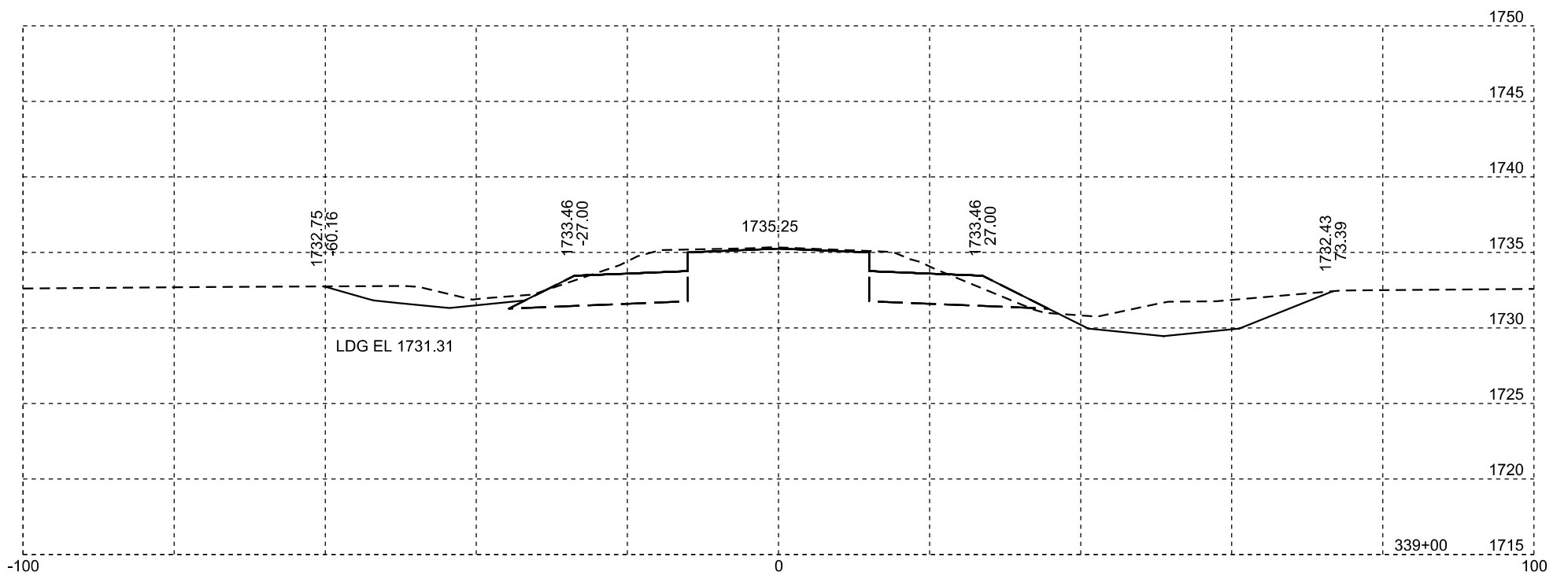
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STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X8	X110



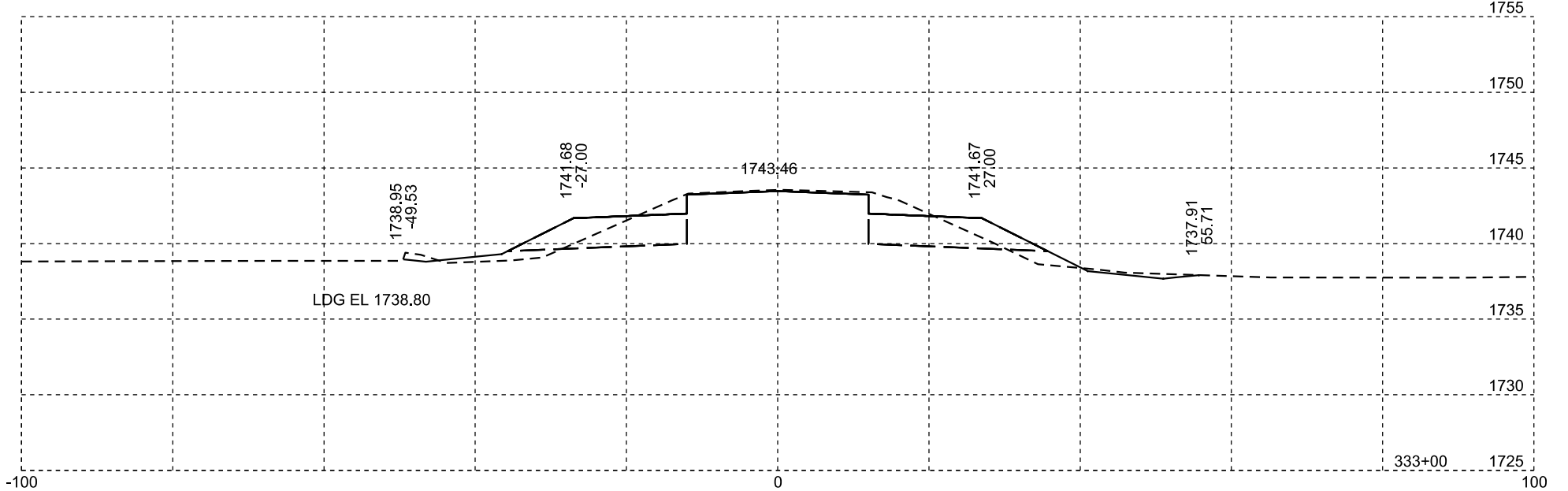
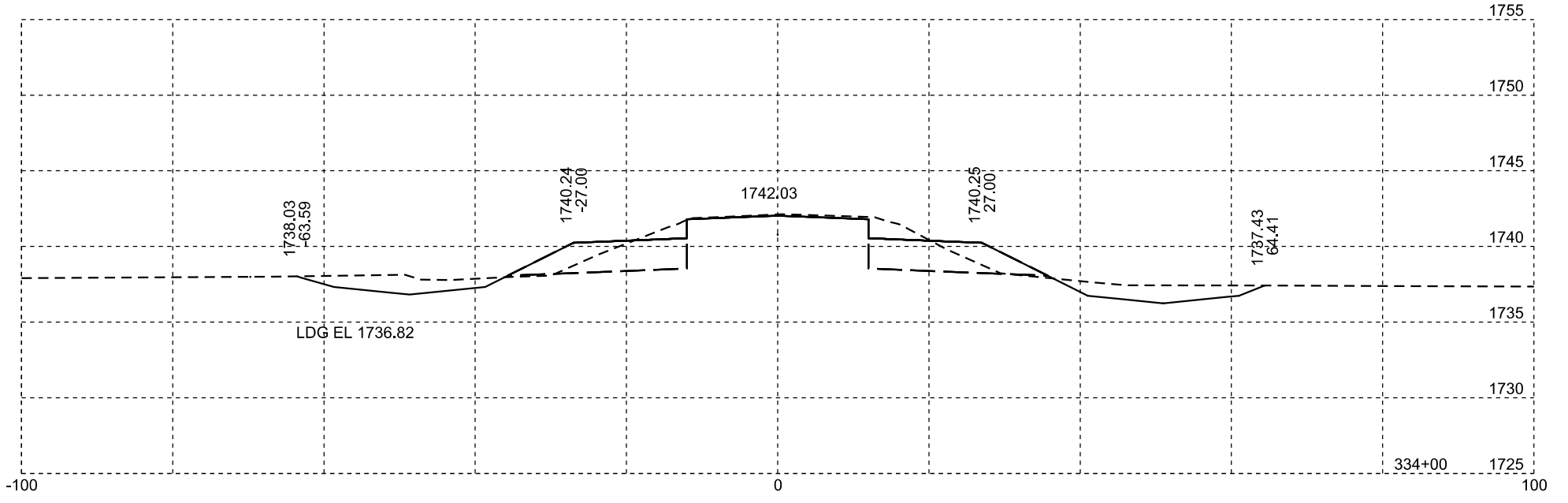
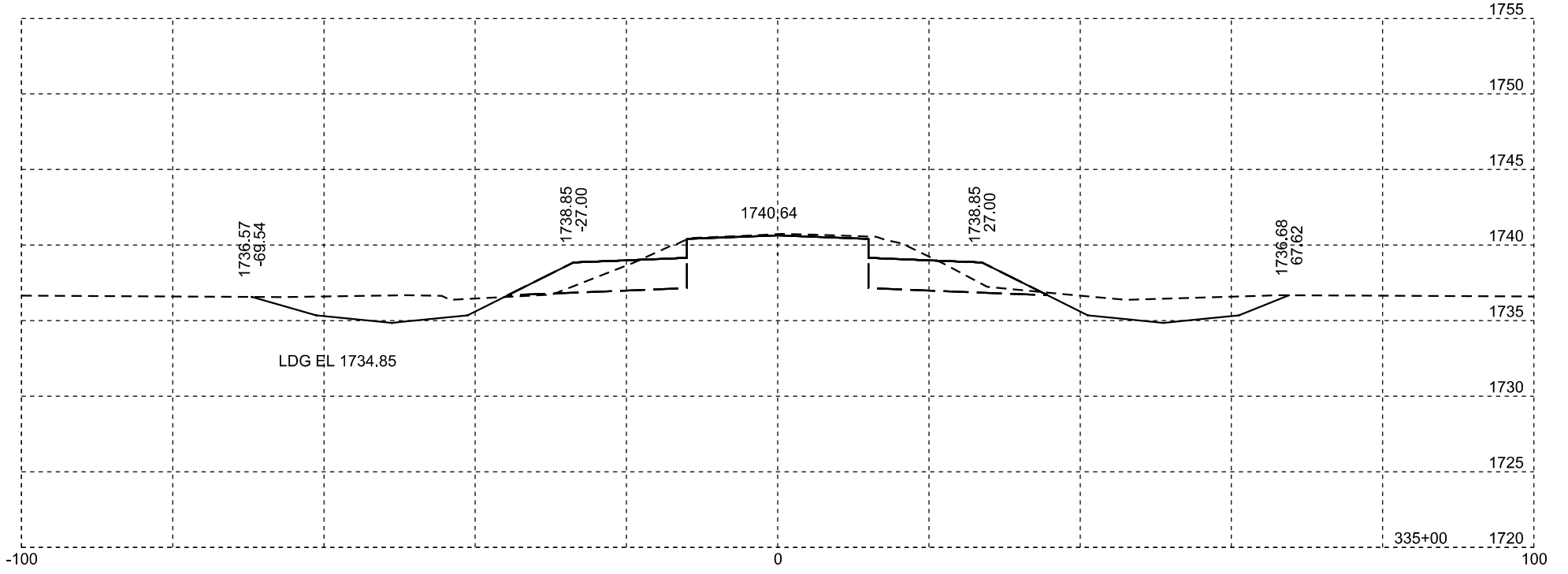
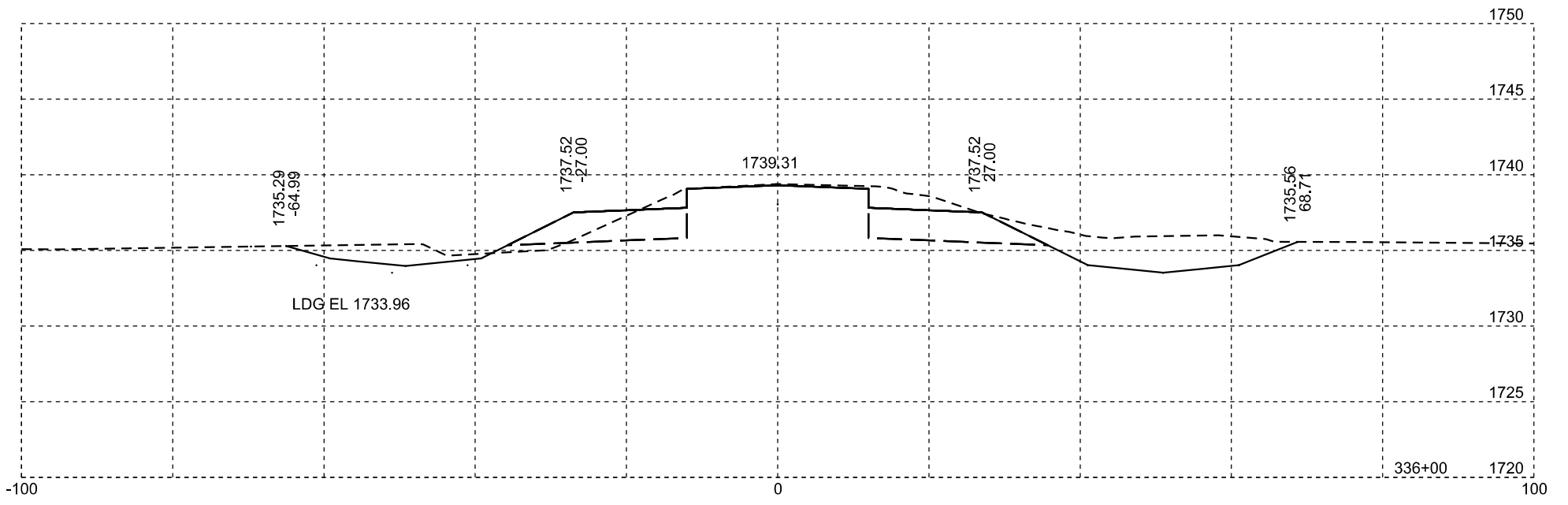
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X9	X110



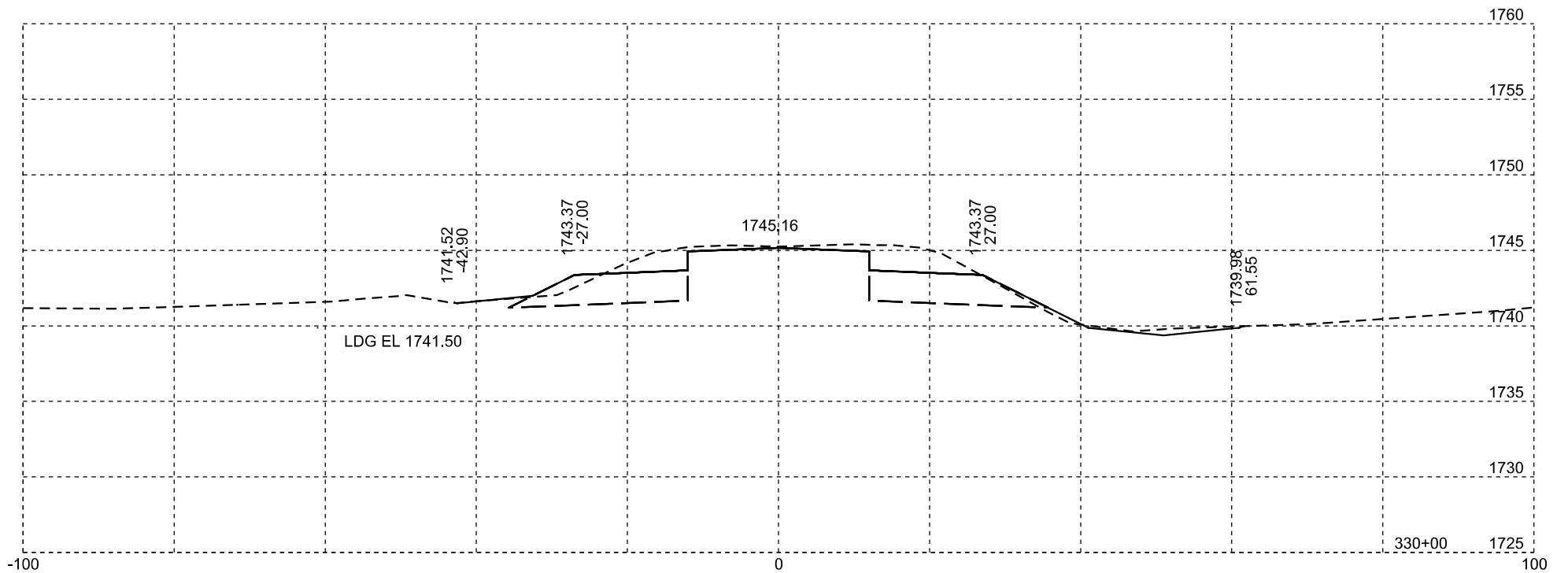
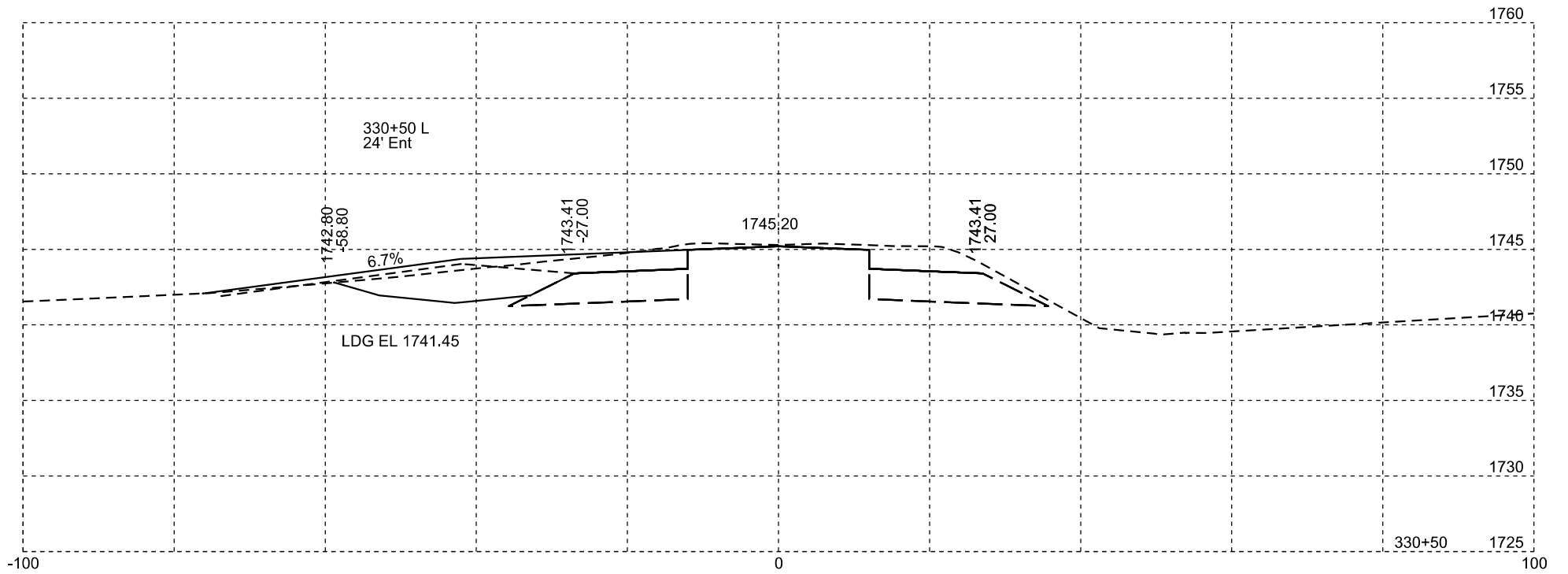
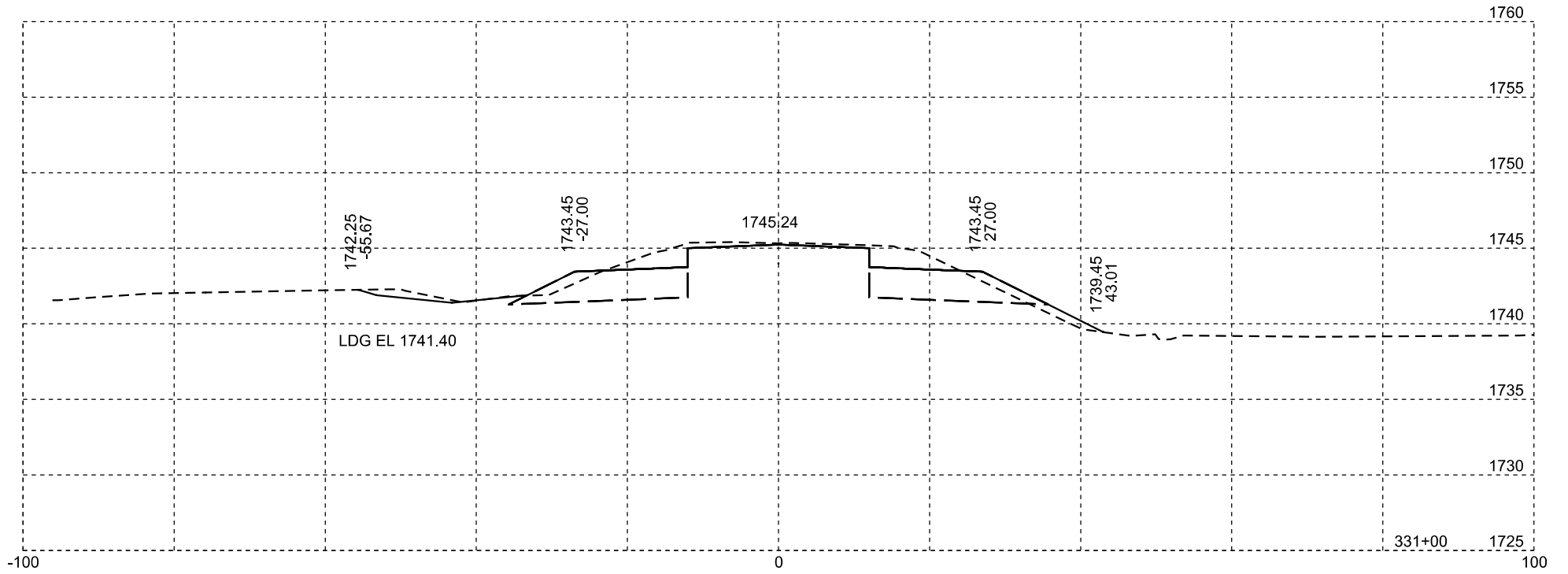
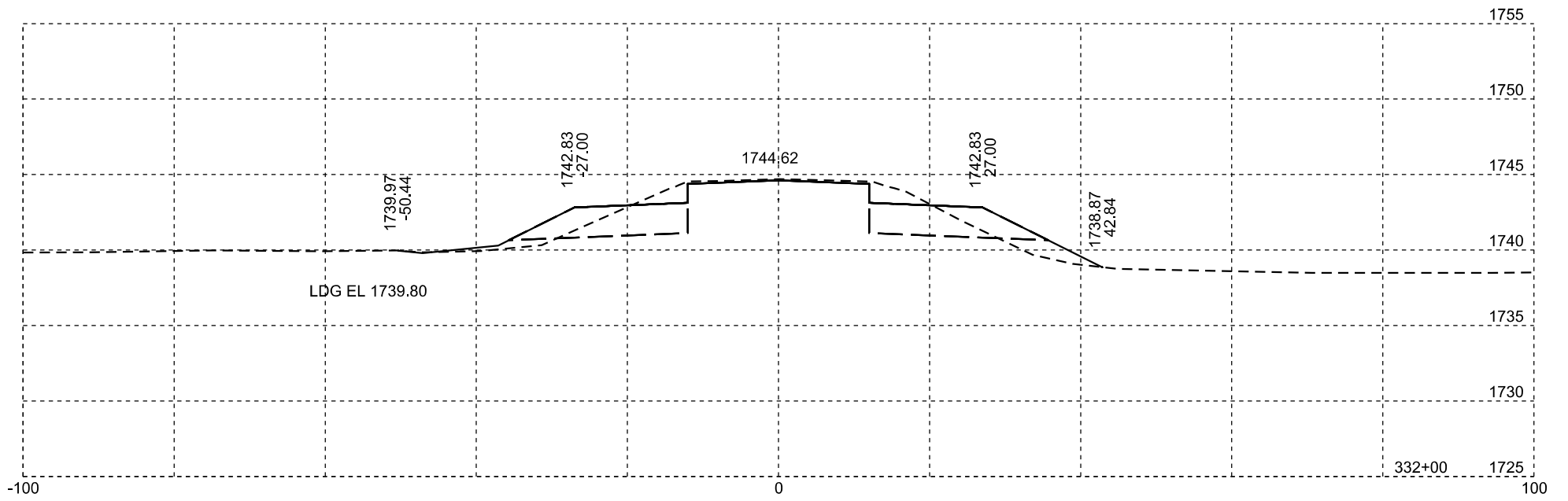
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X10	X110



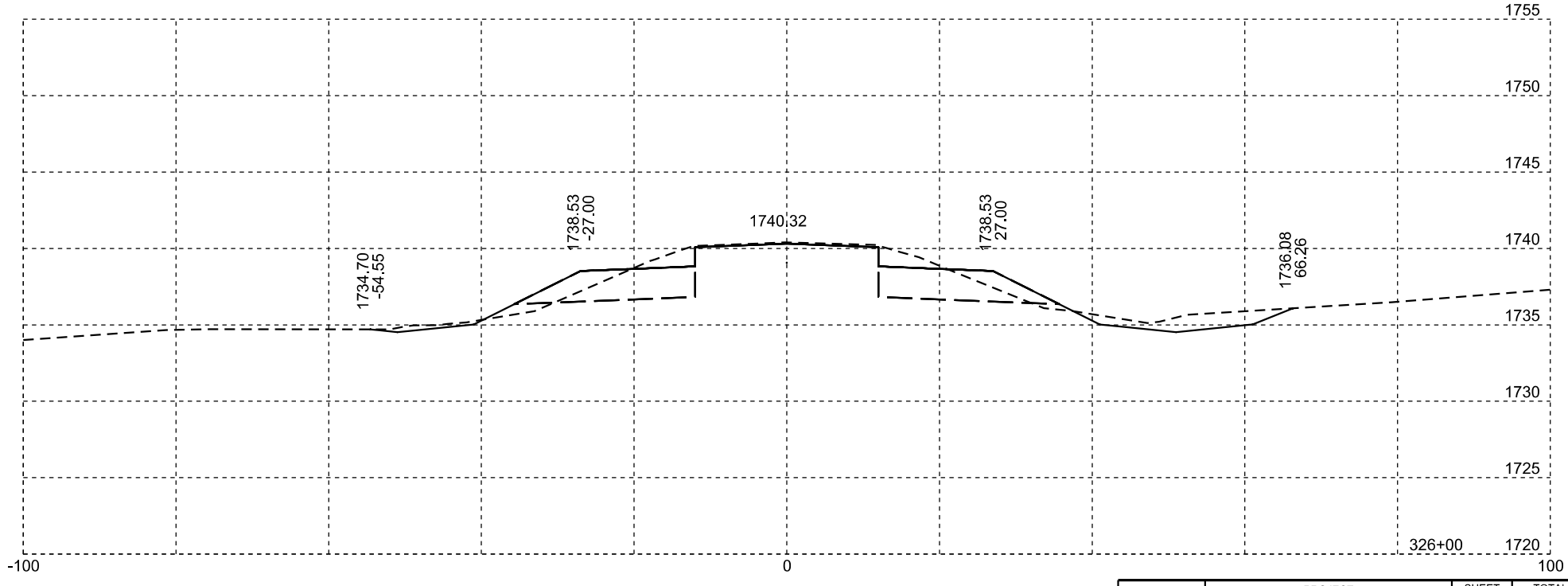
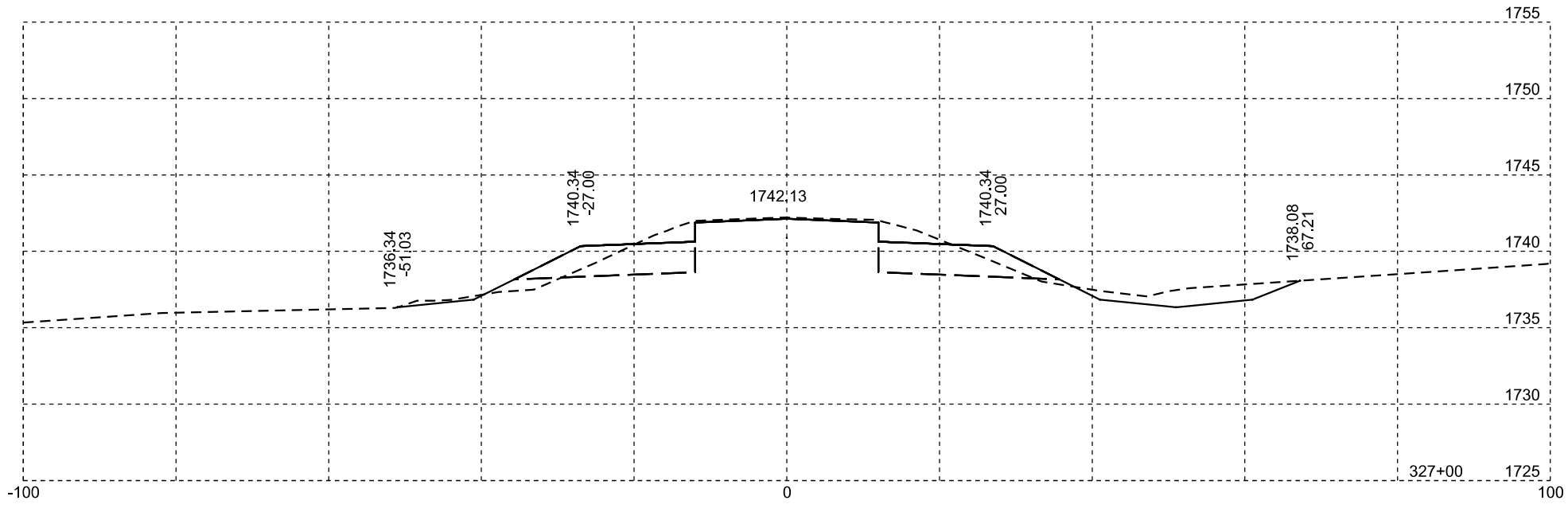
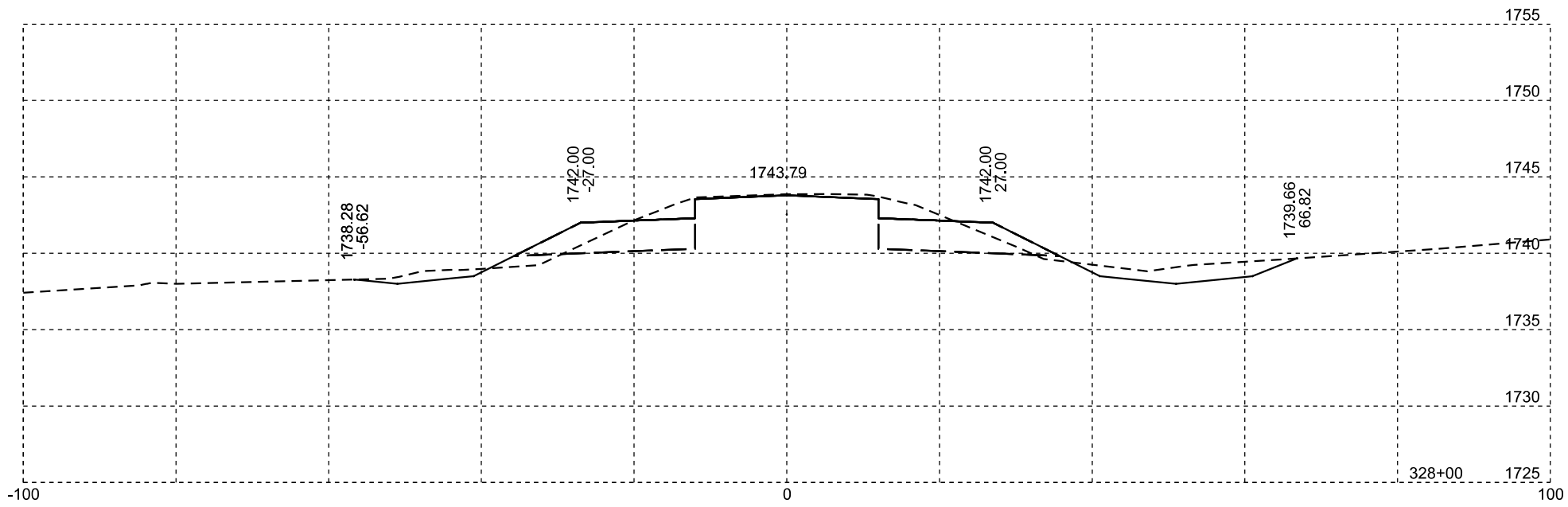
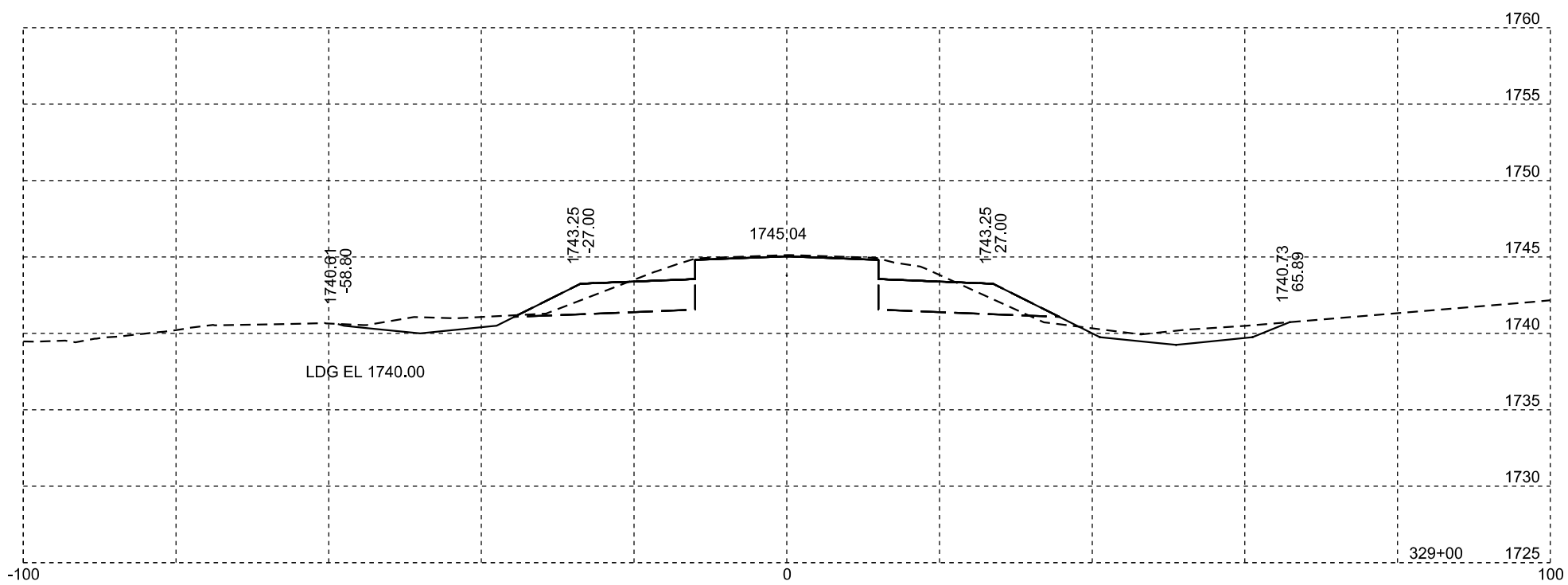
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X11	X110



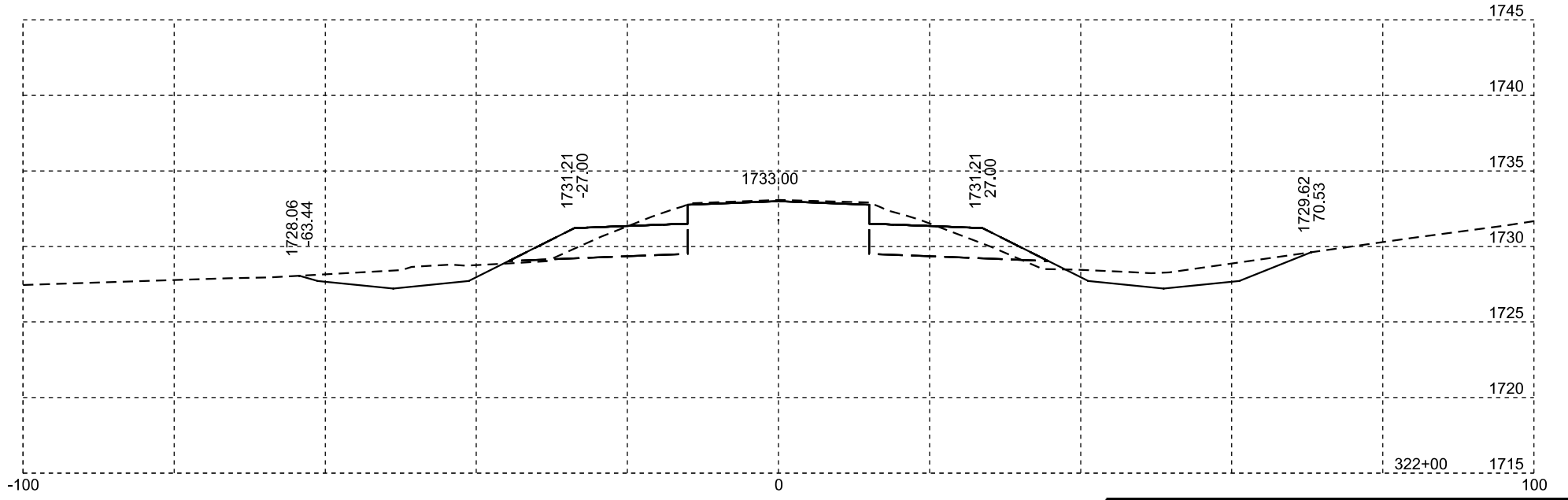
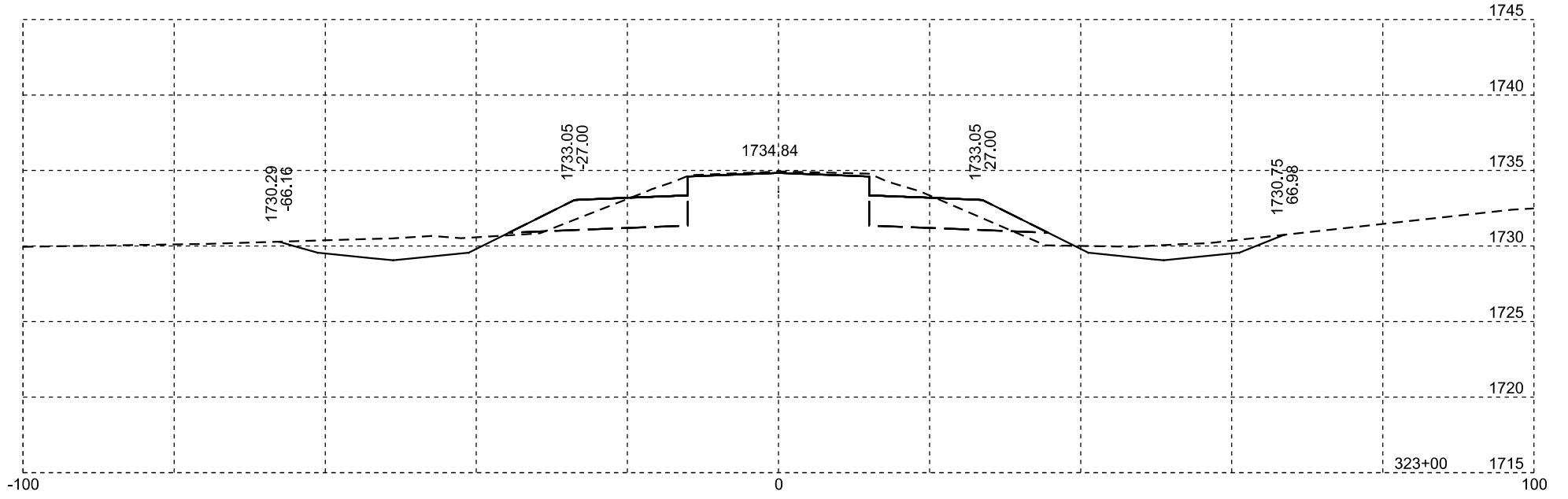
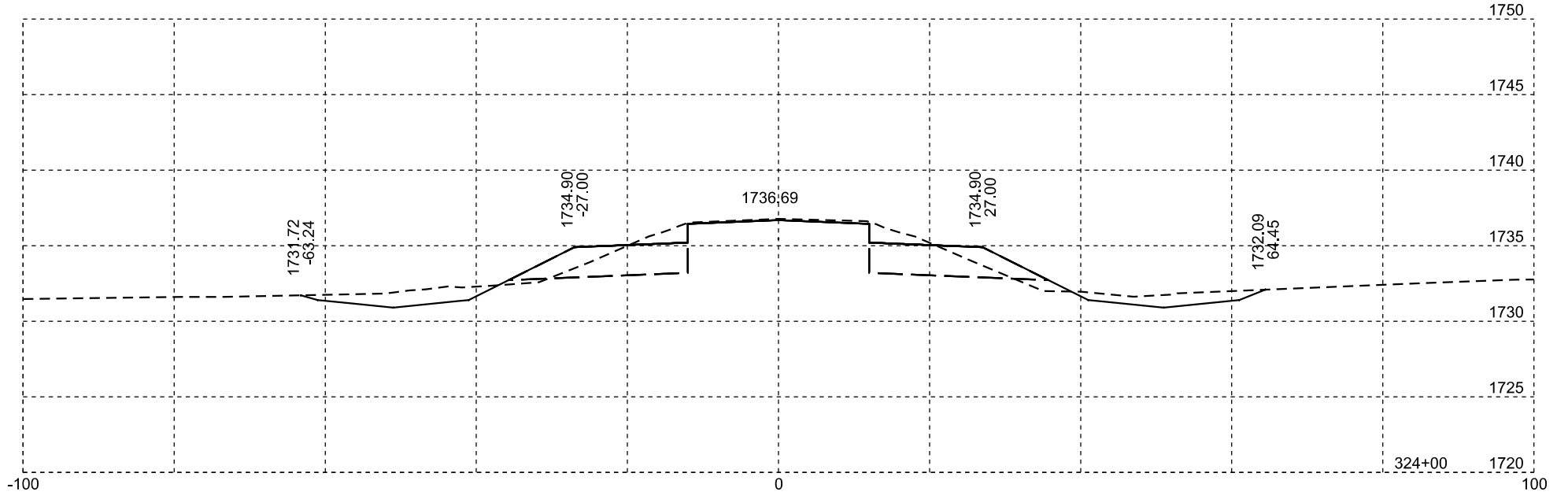
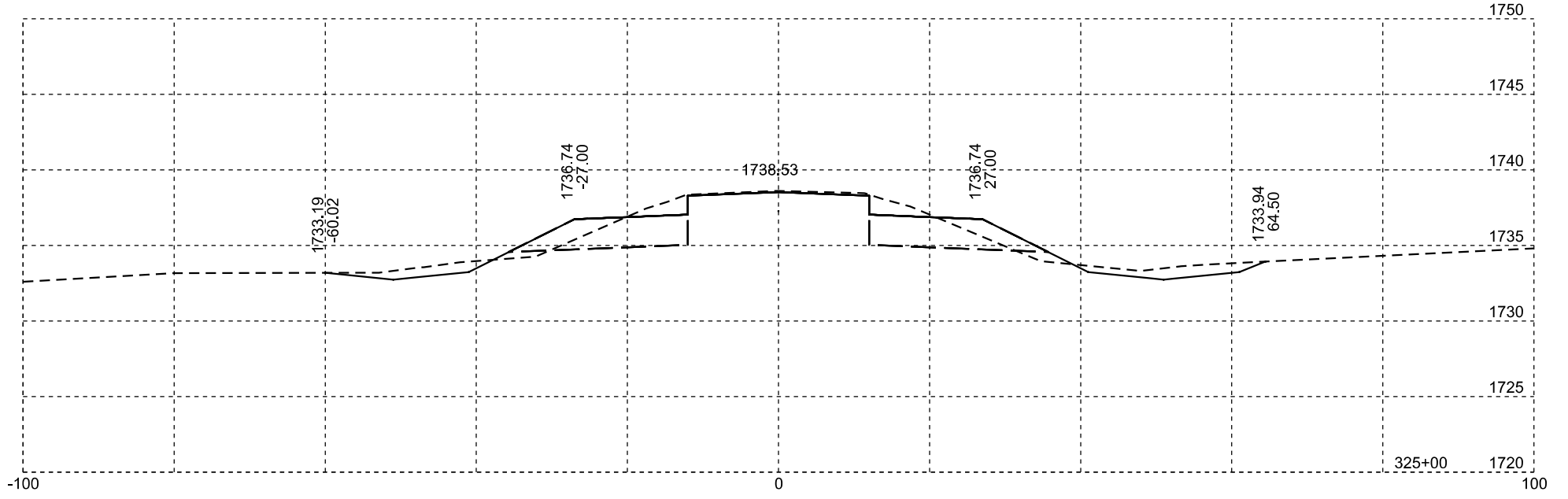
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X12	X110



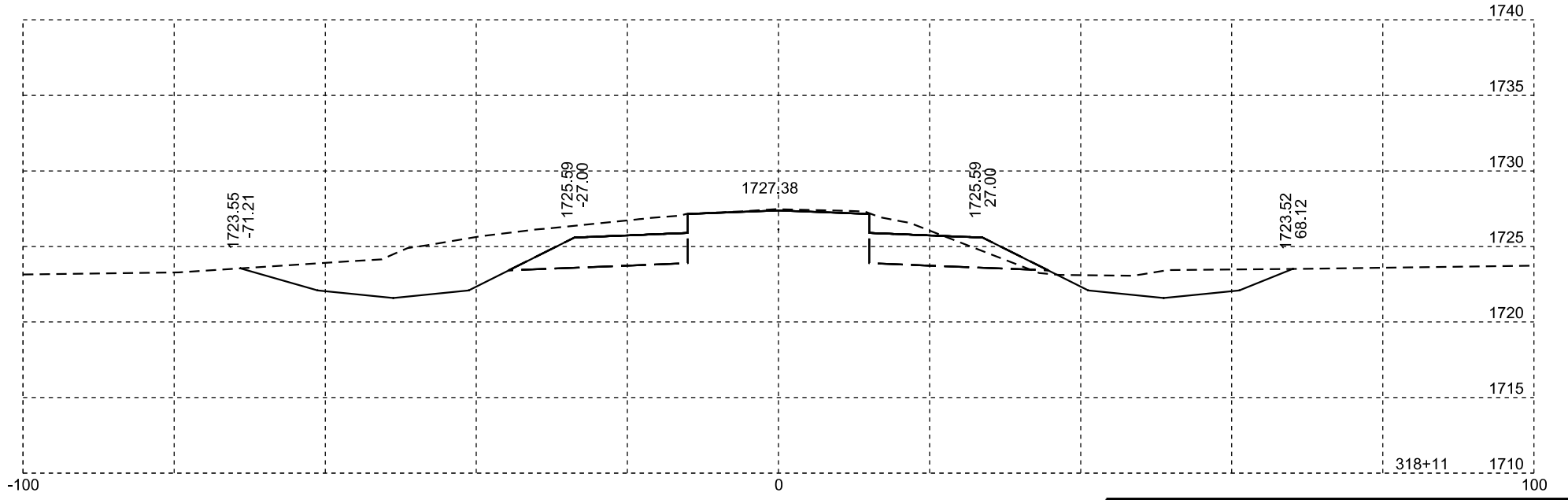
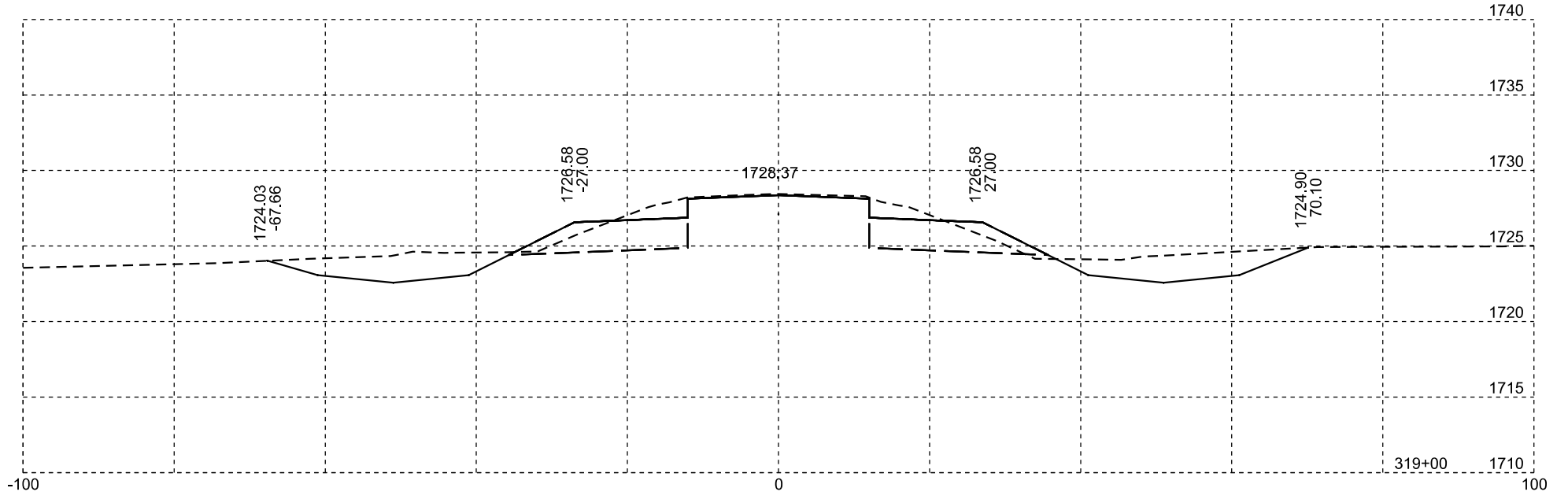
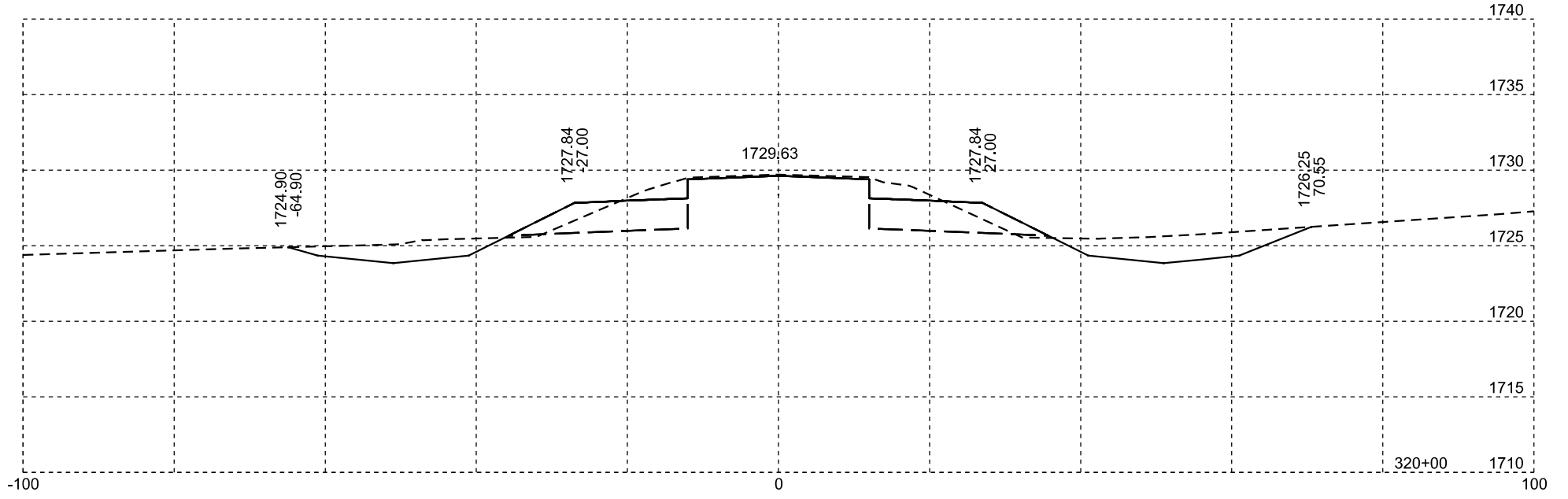
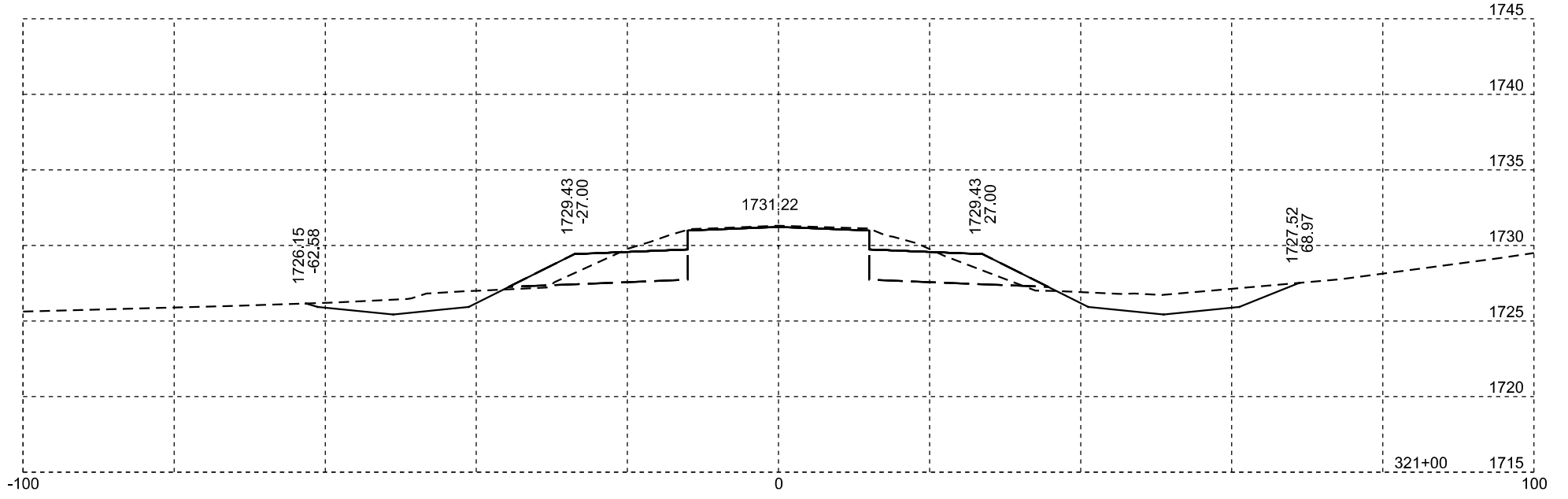
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X13	X110



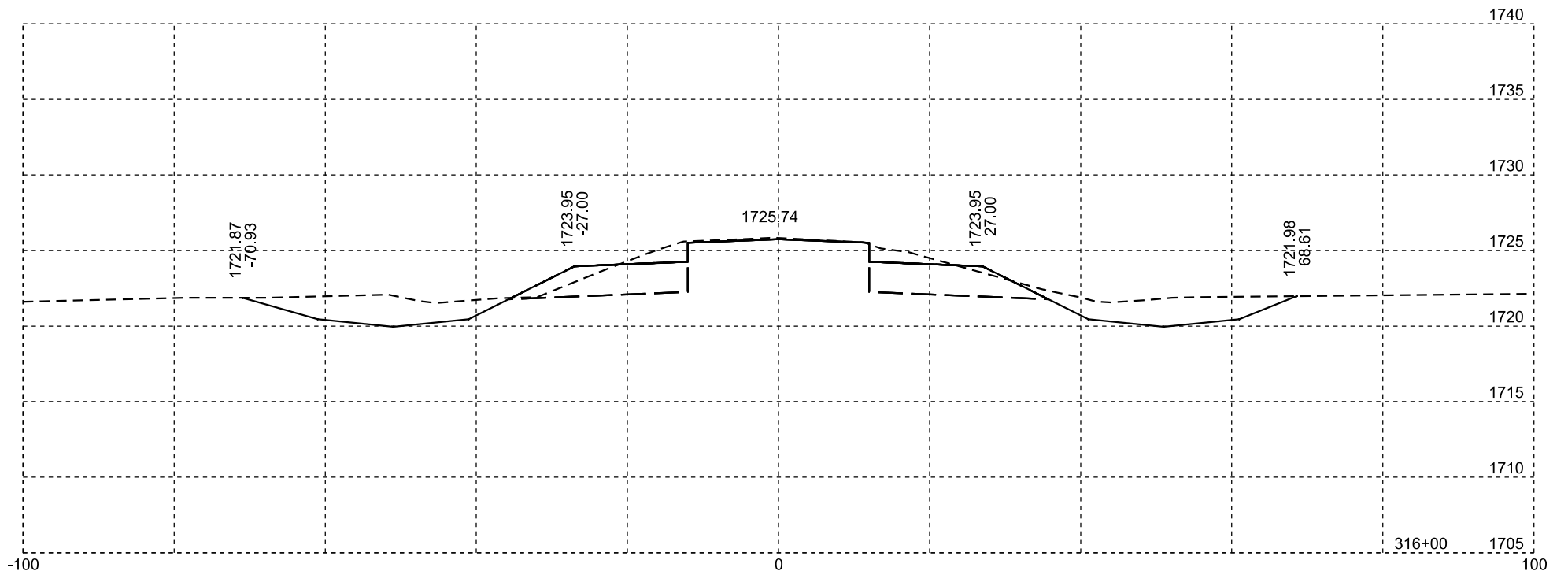
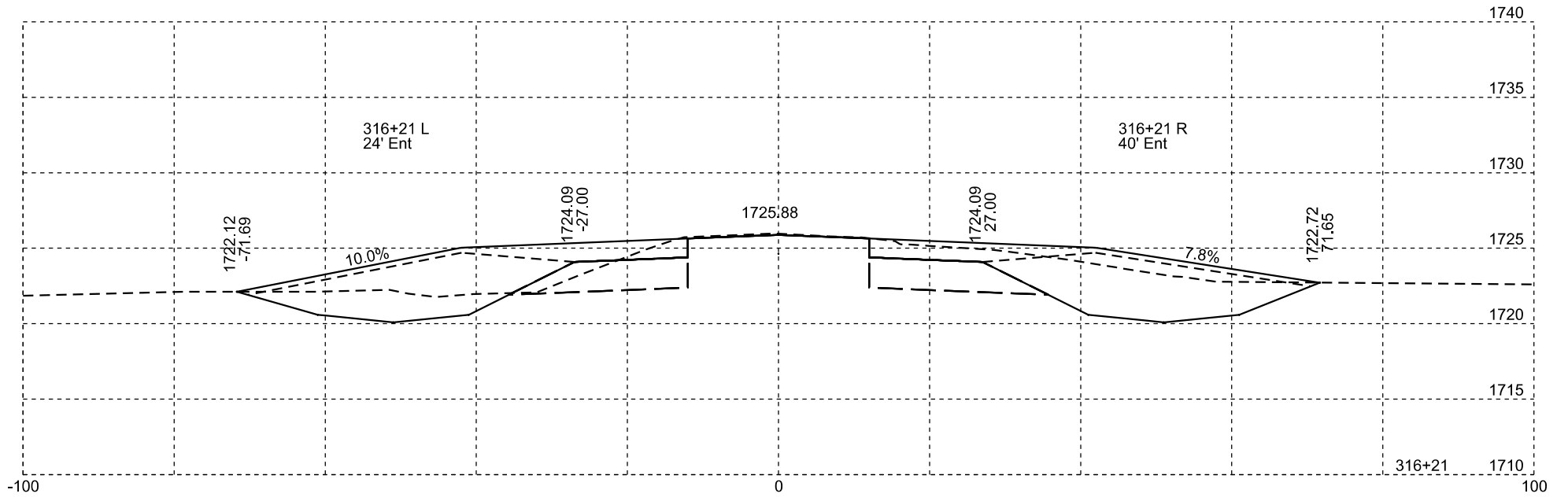
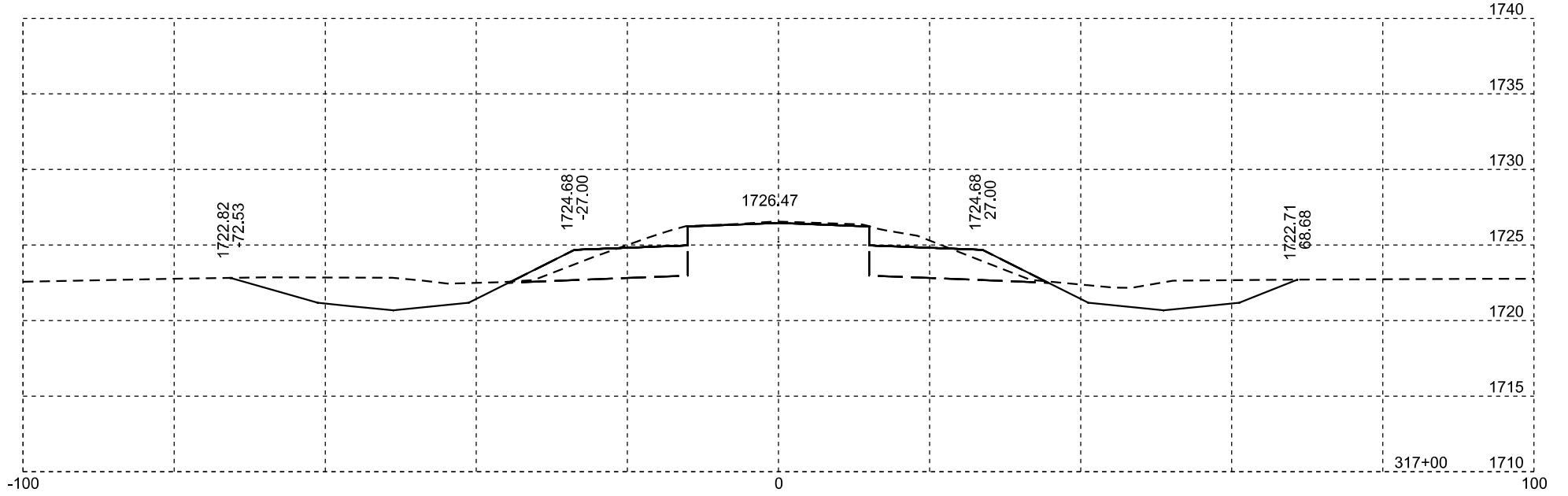
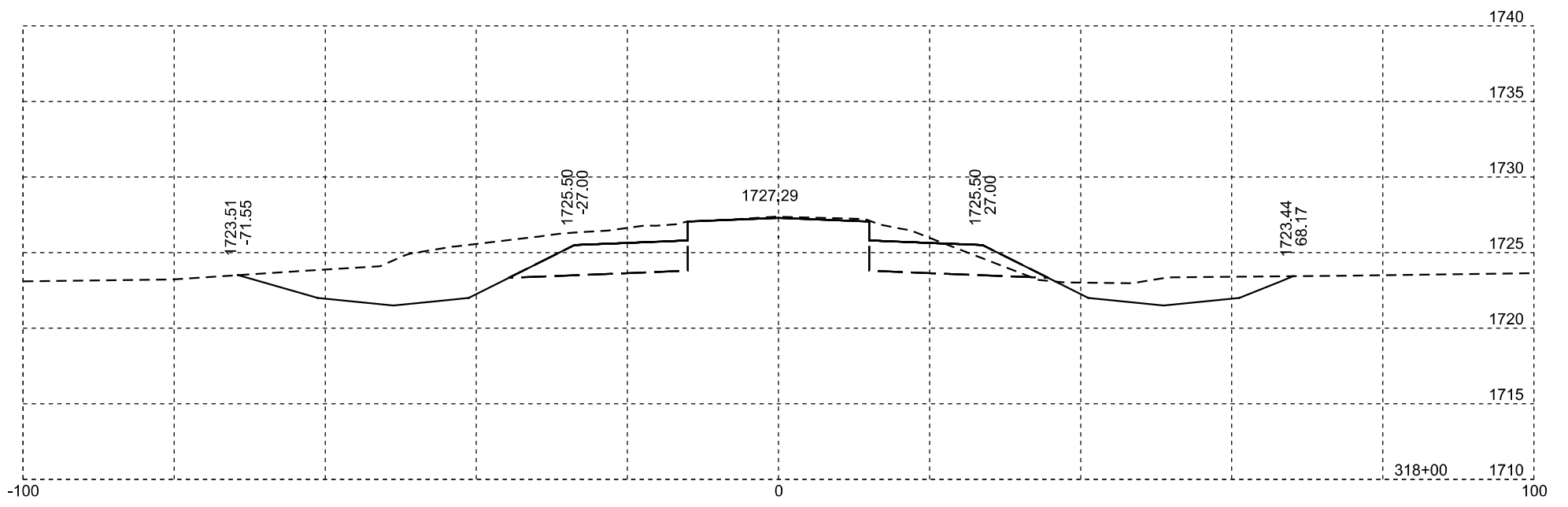
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X14	X110



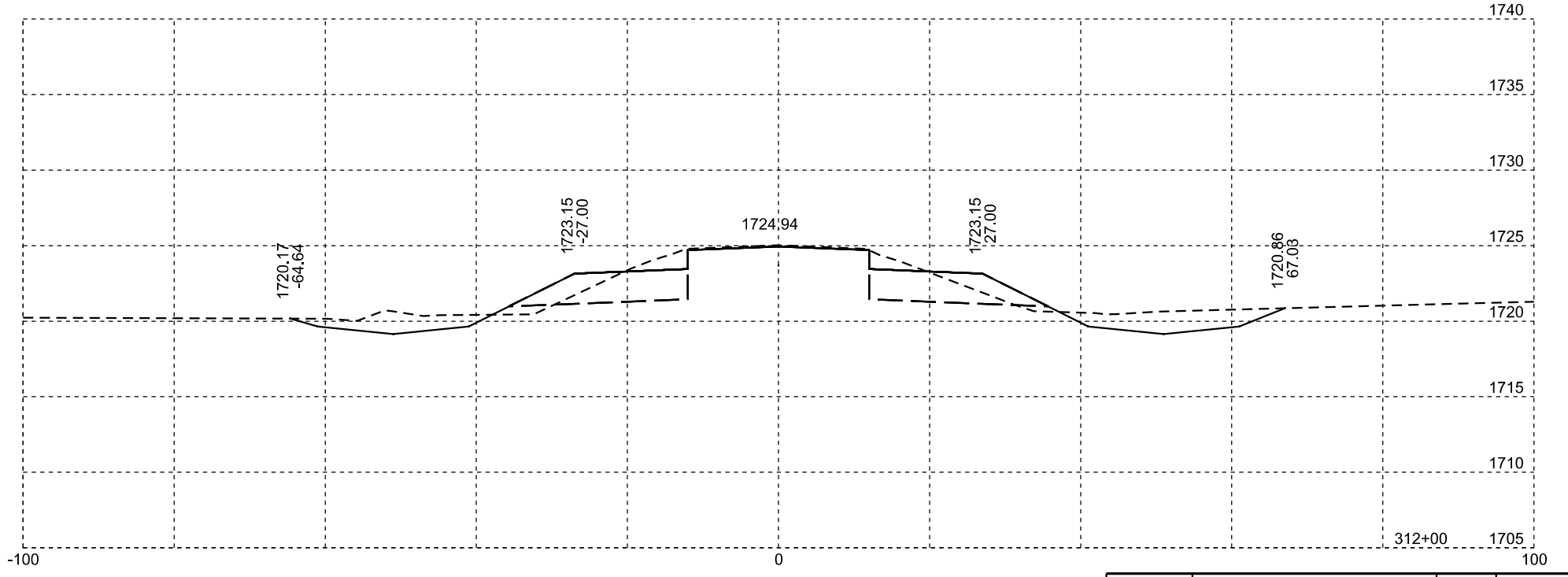
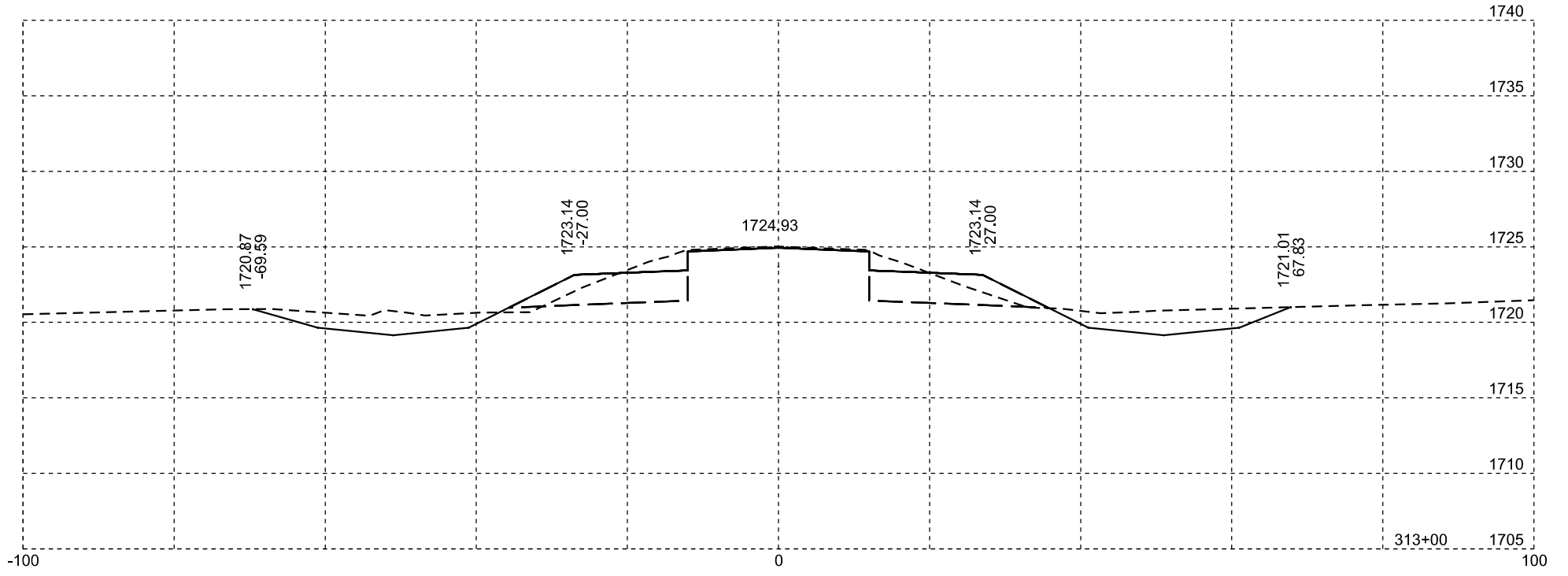
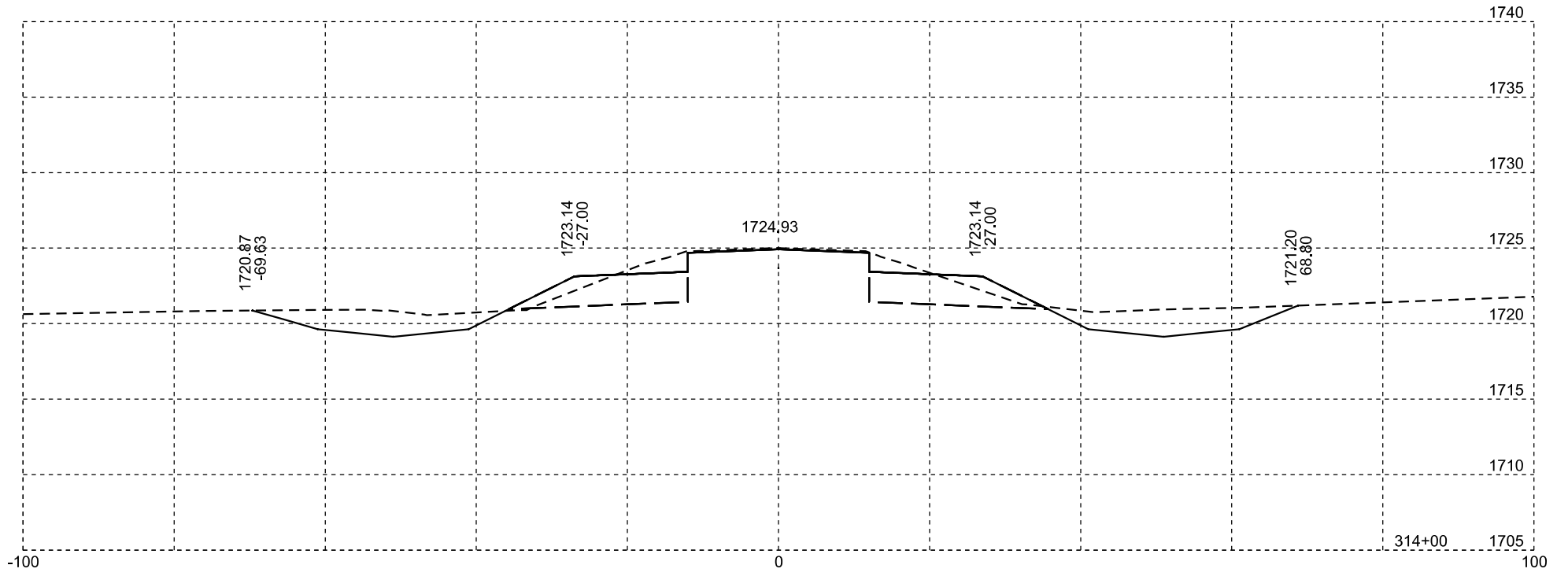
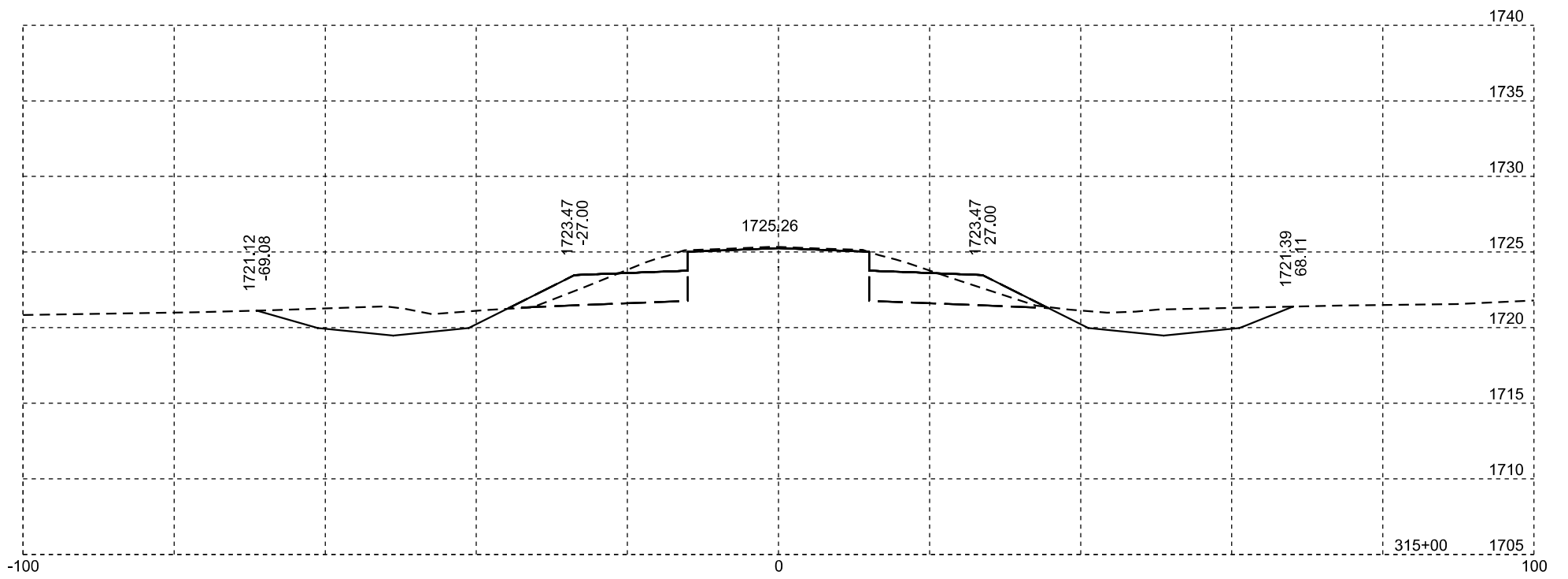
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X15	X110



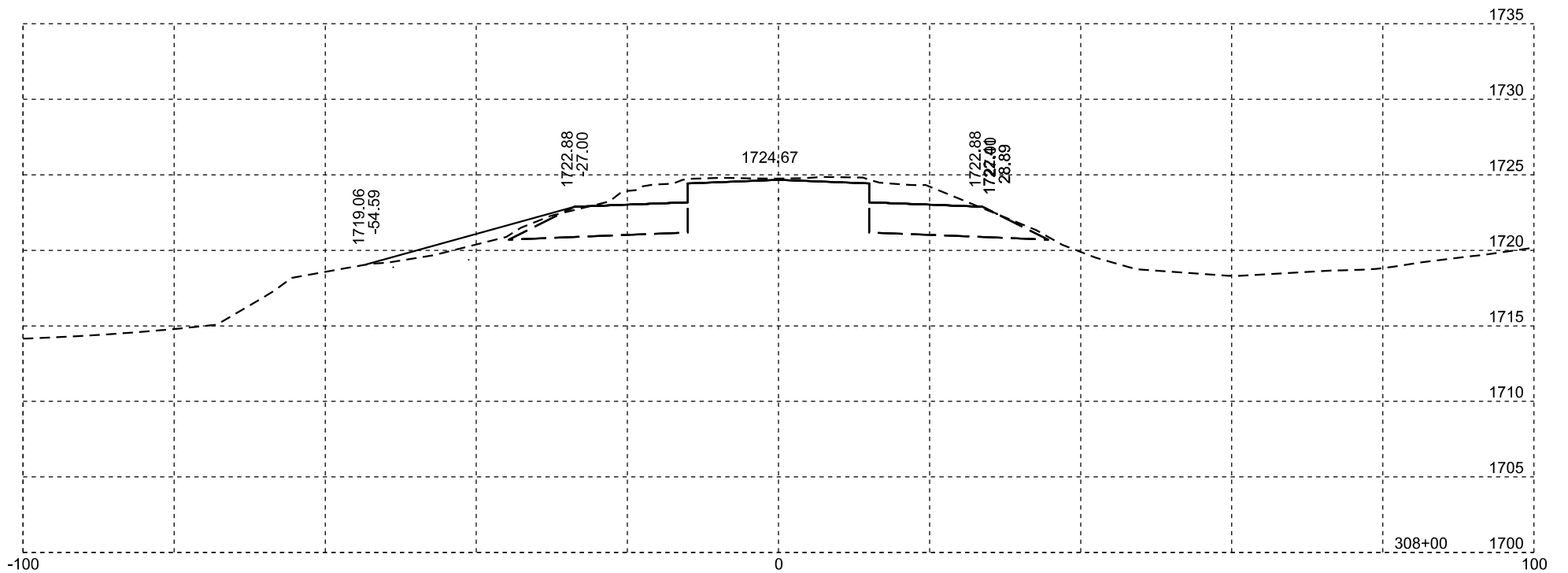
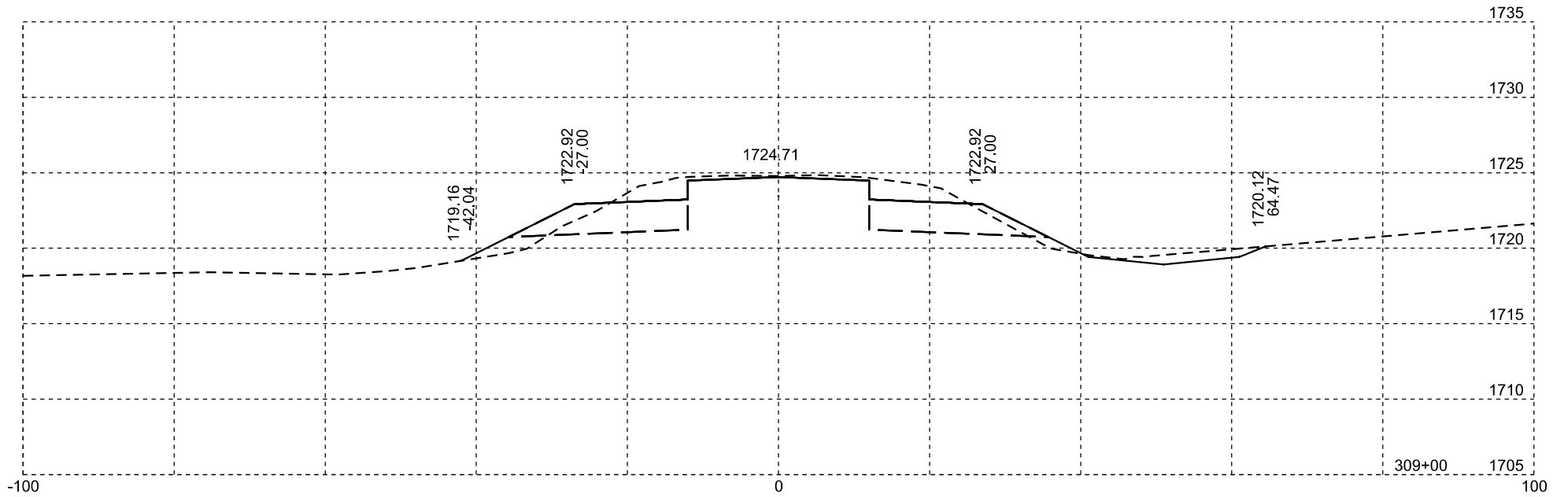
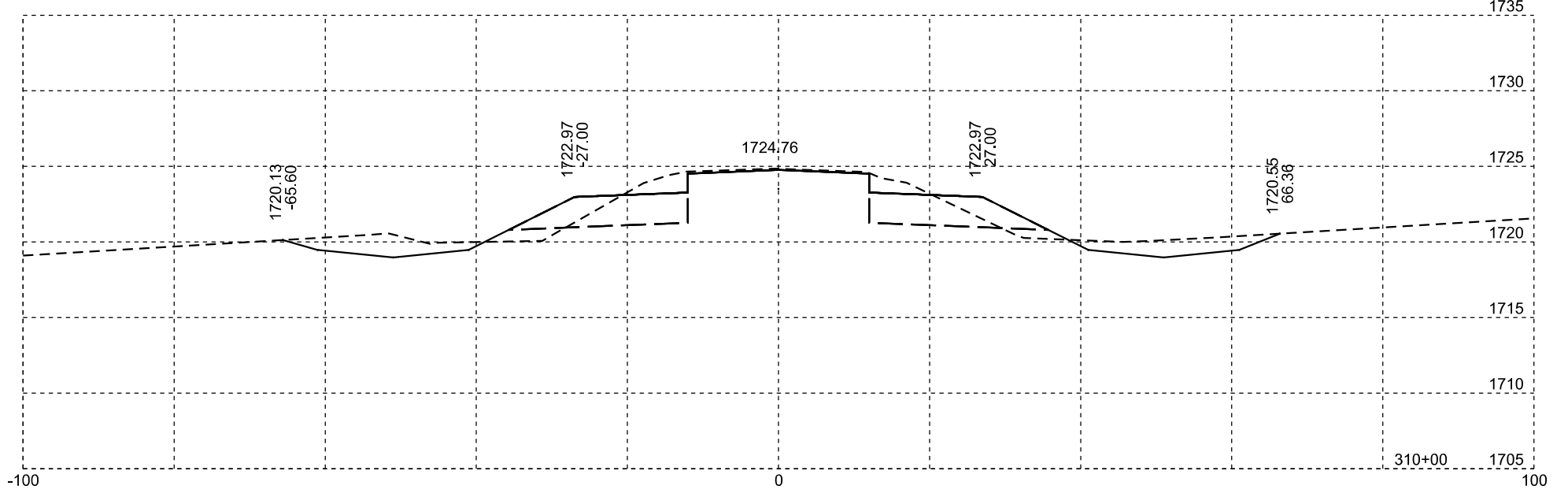
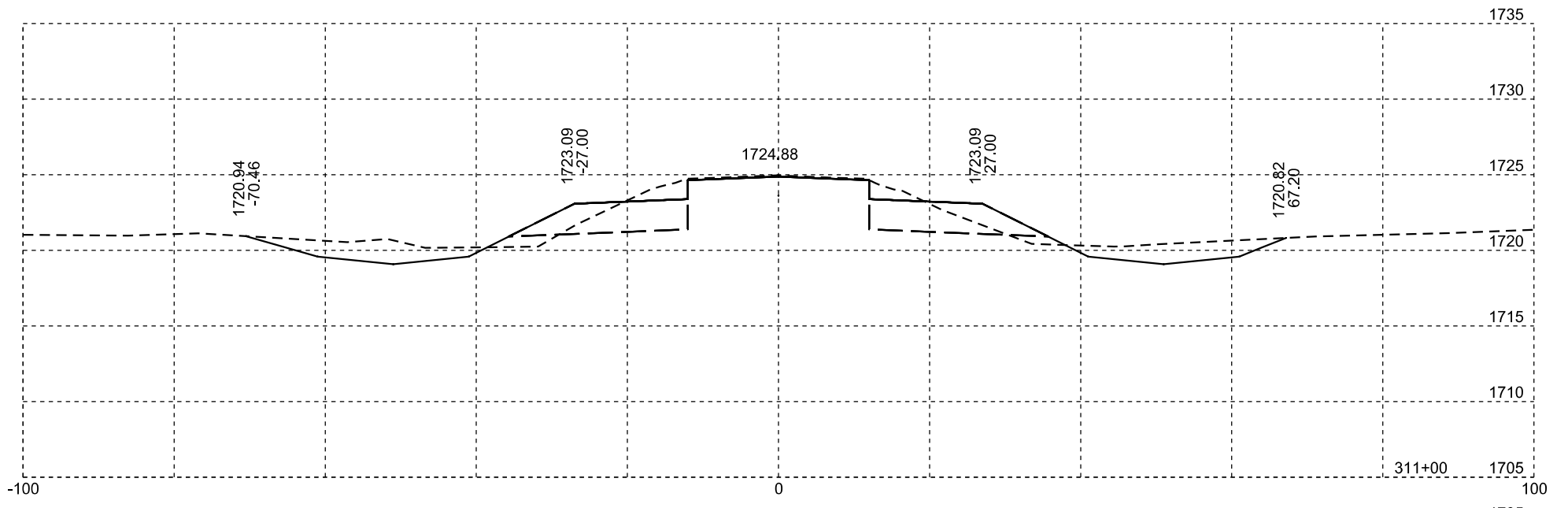
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X16	X110



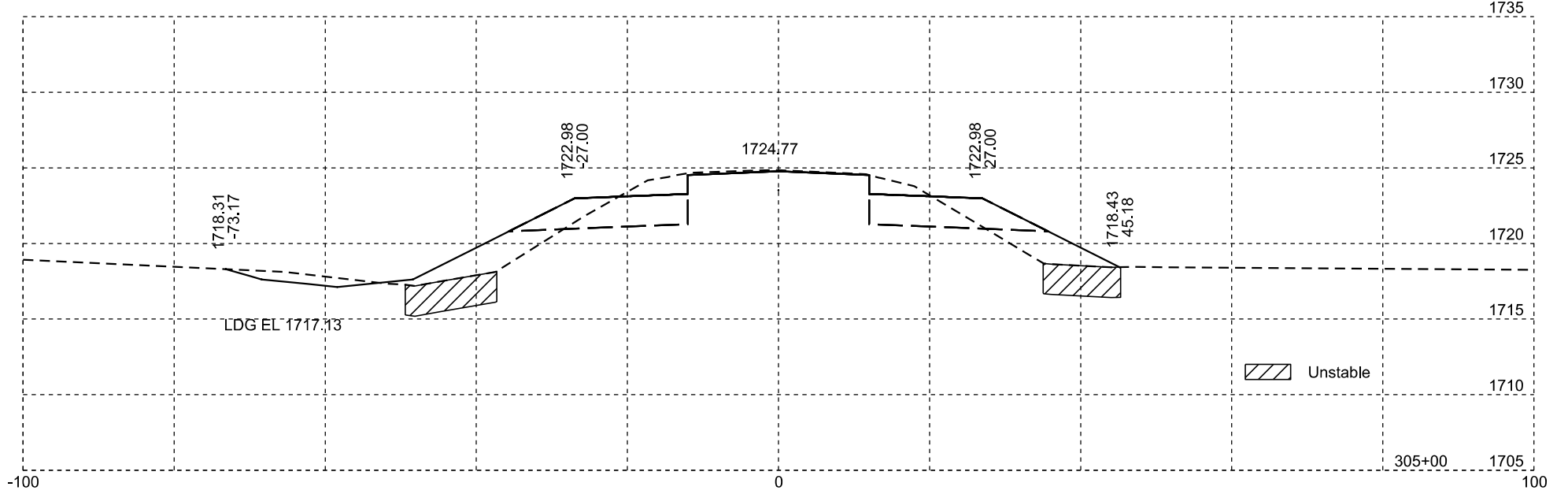
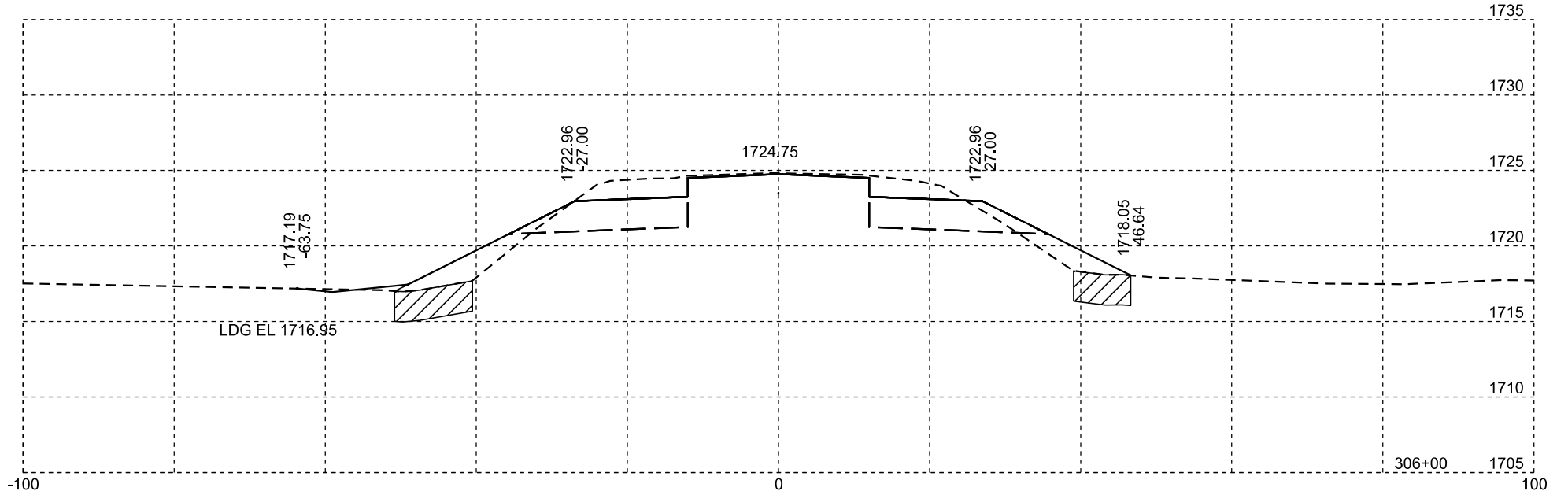
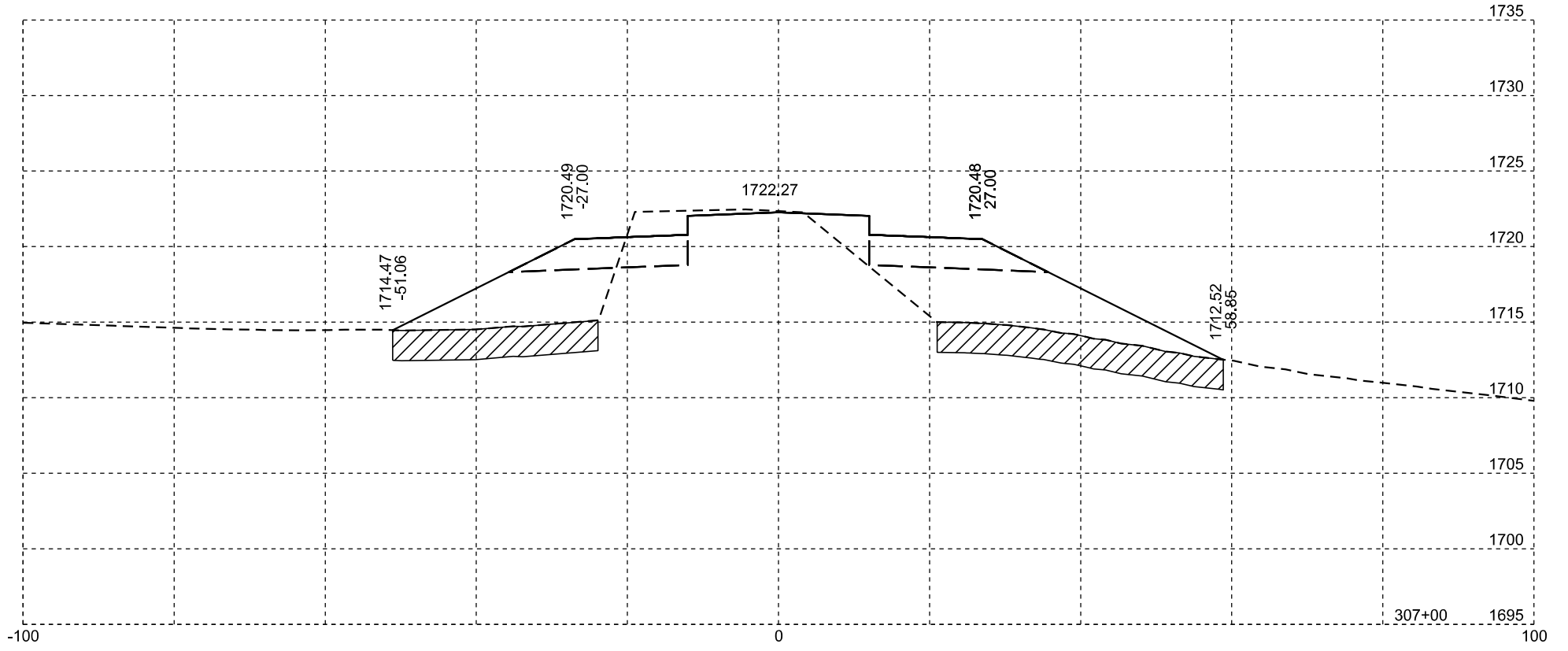
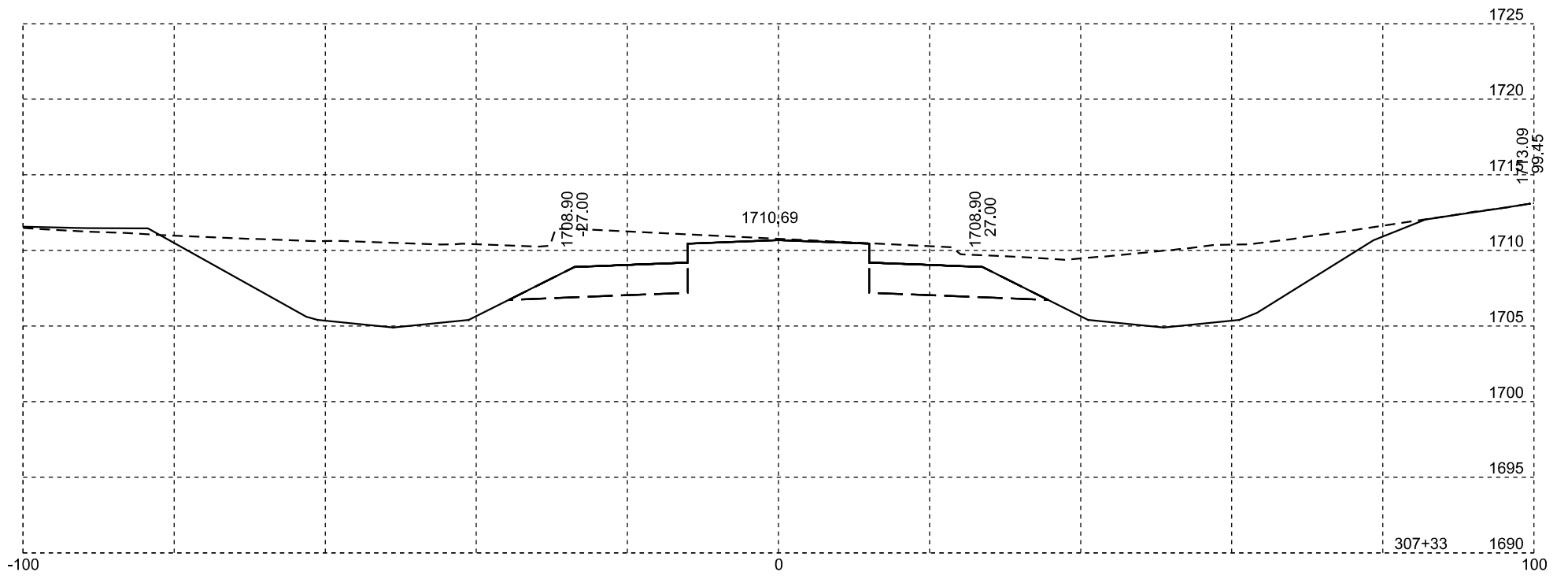
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X17	X110



Plotting Date: 04/15/2024

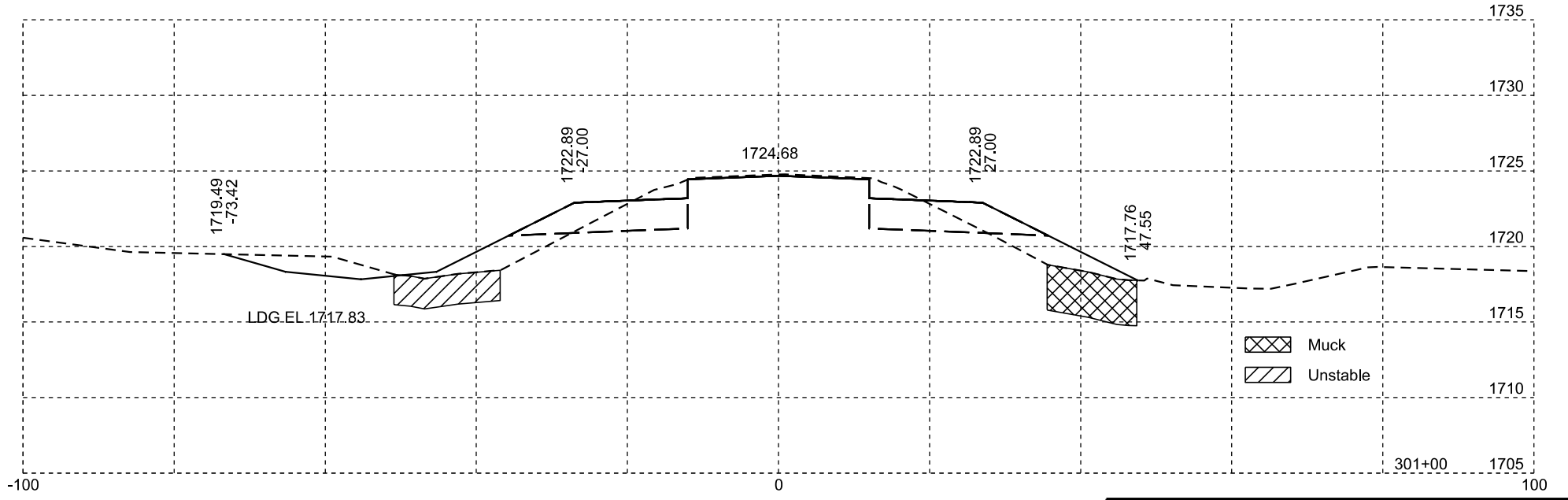
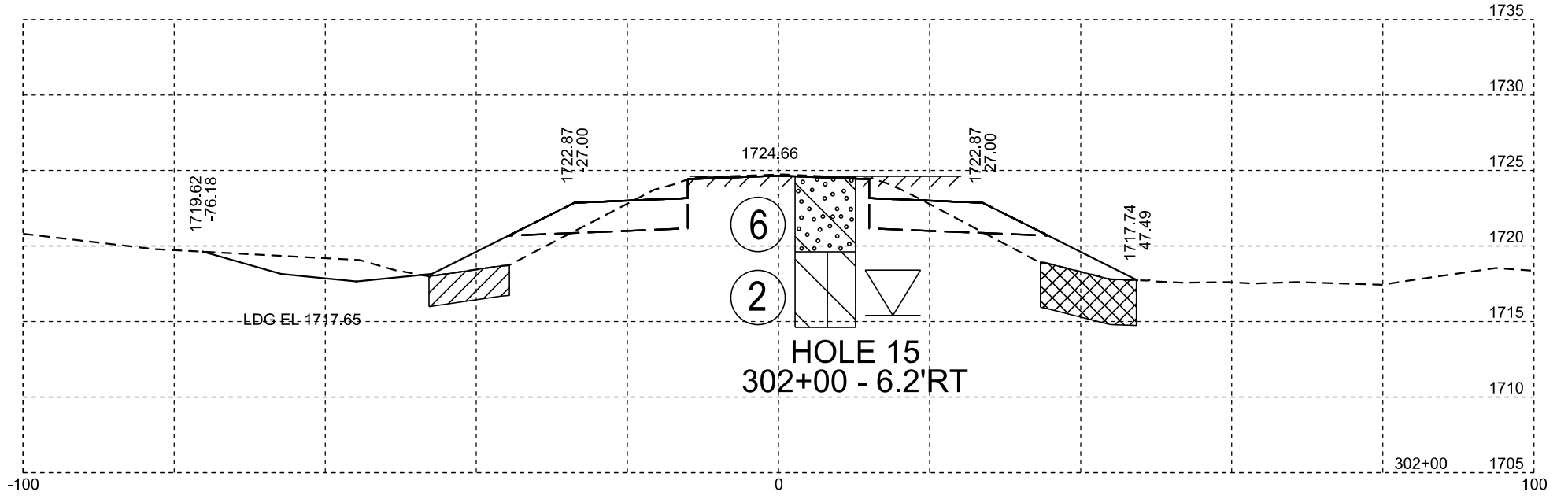
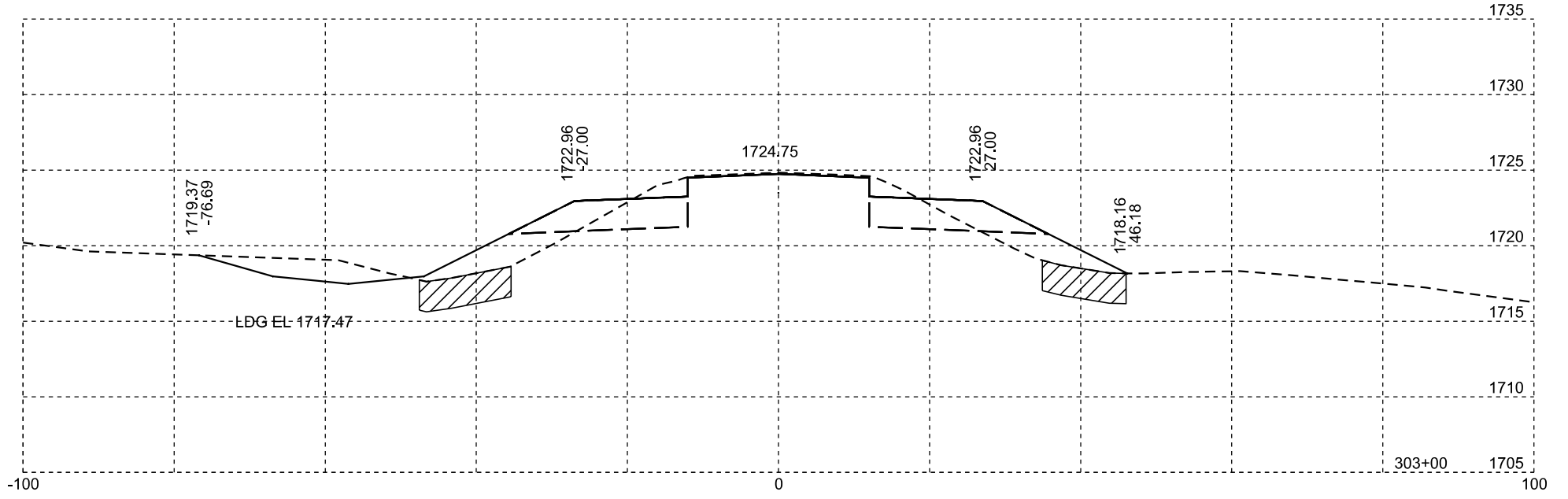
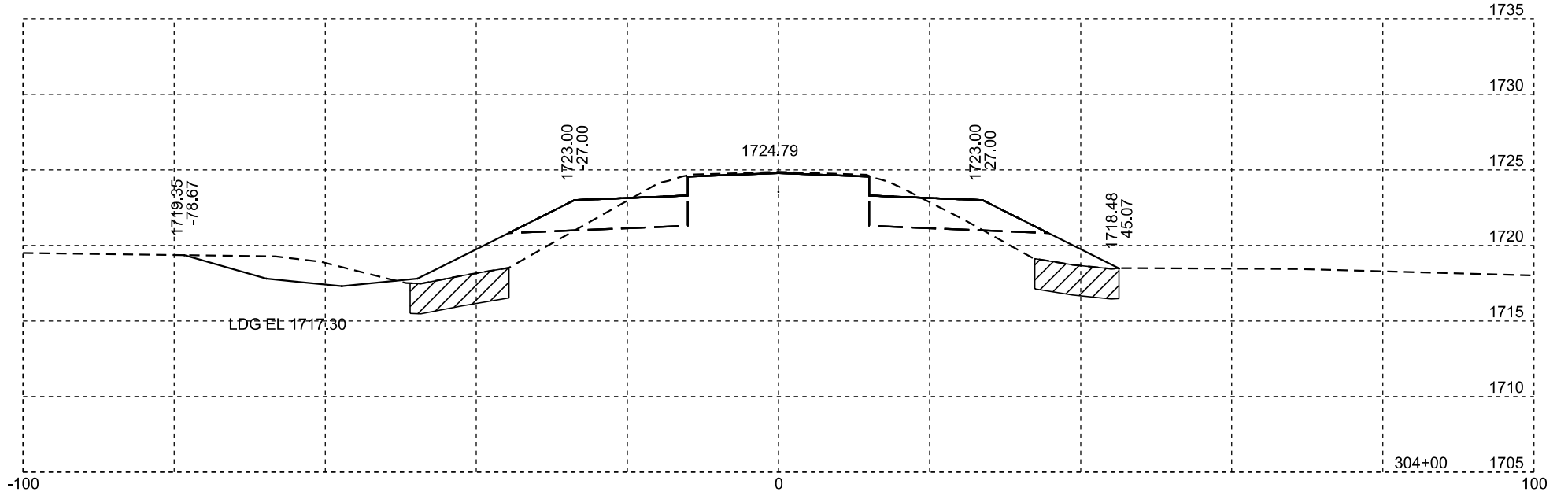
STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X18	X110



Unstable

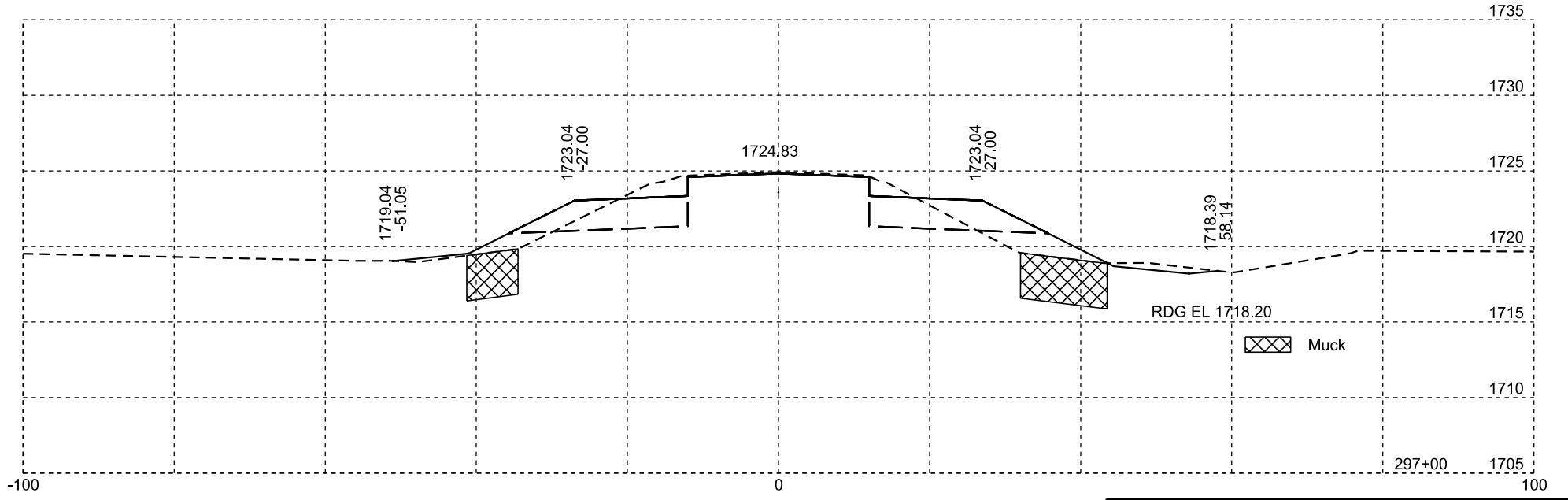
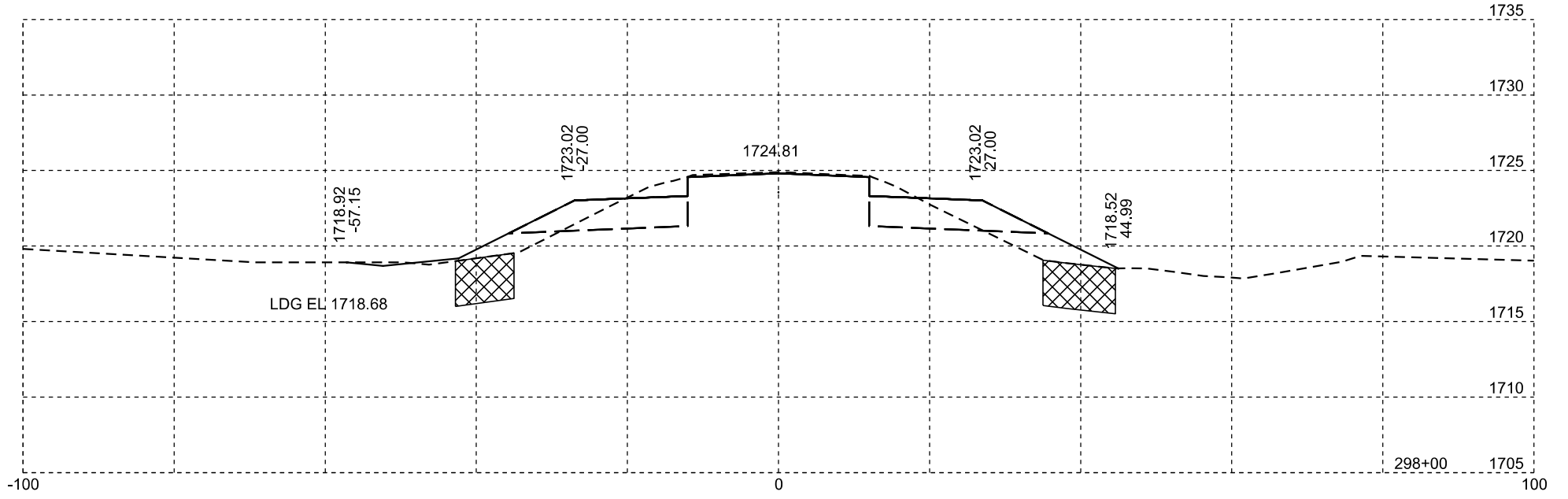
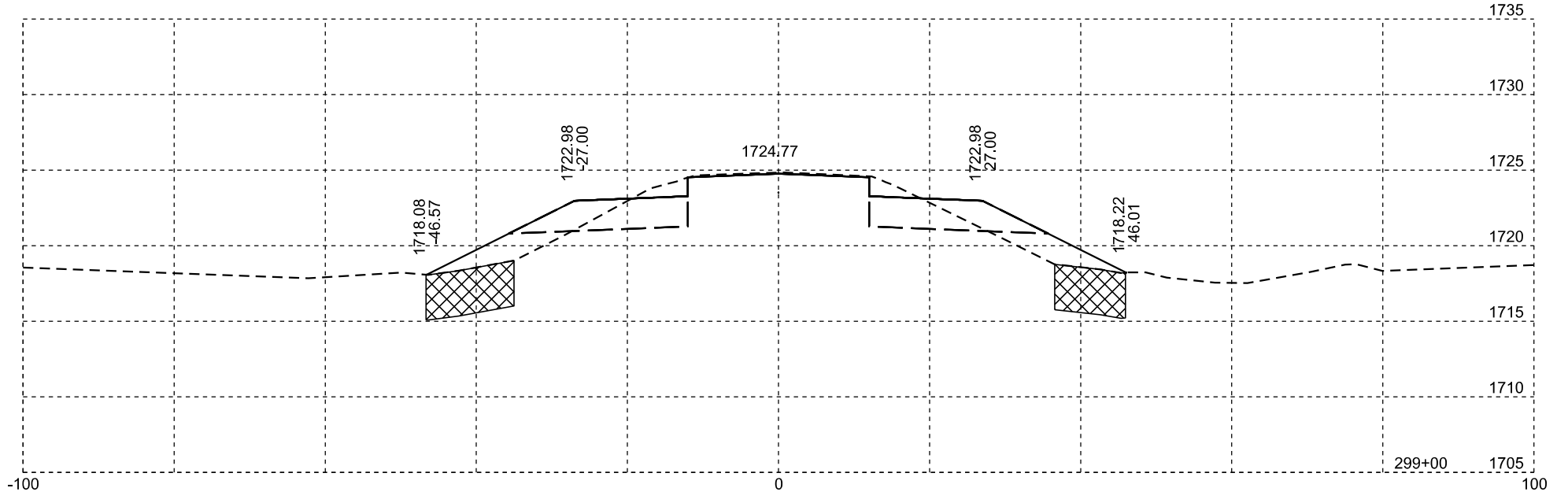
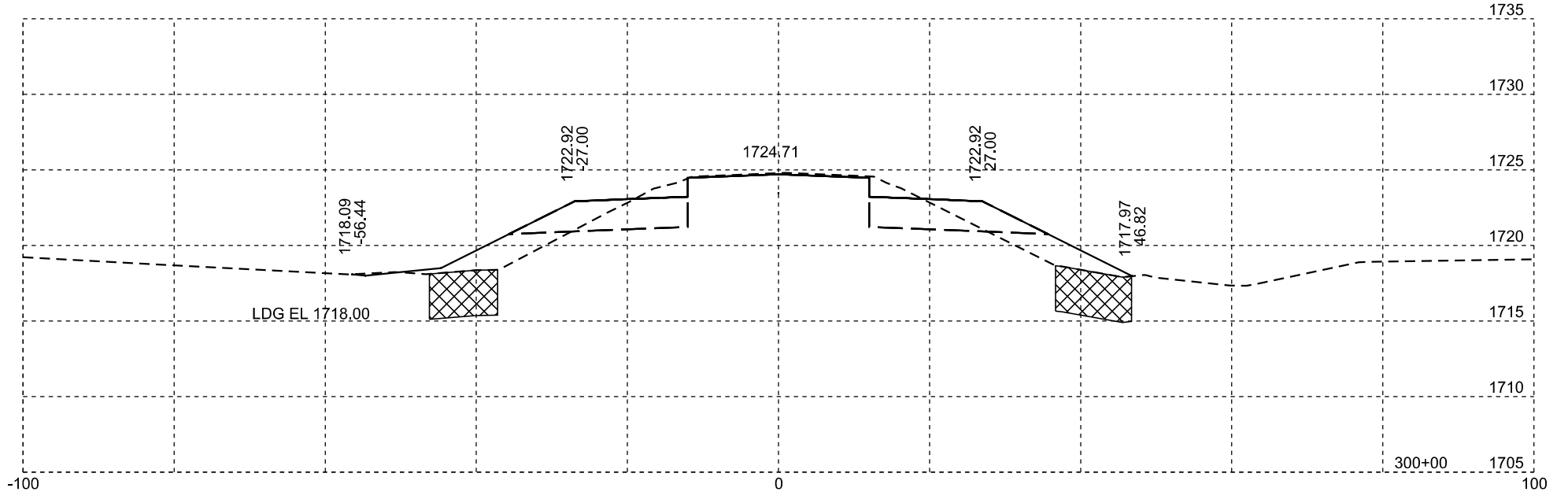
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X19	X110



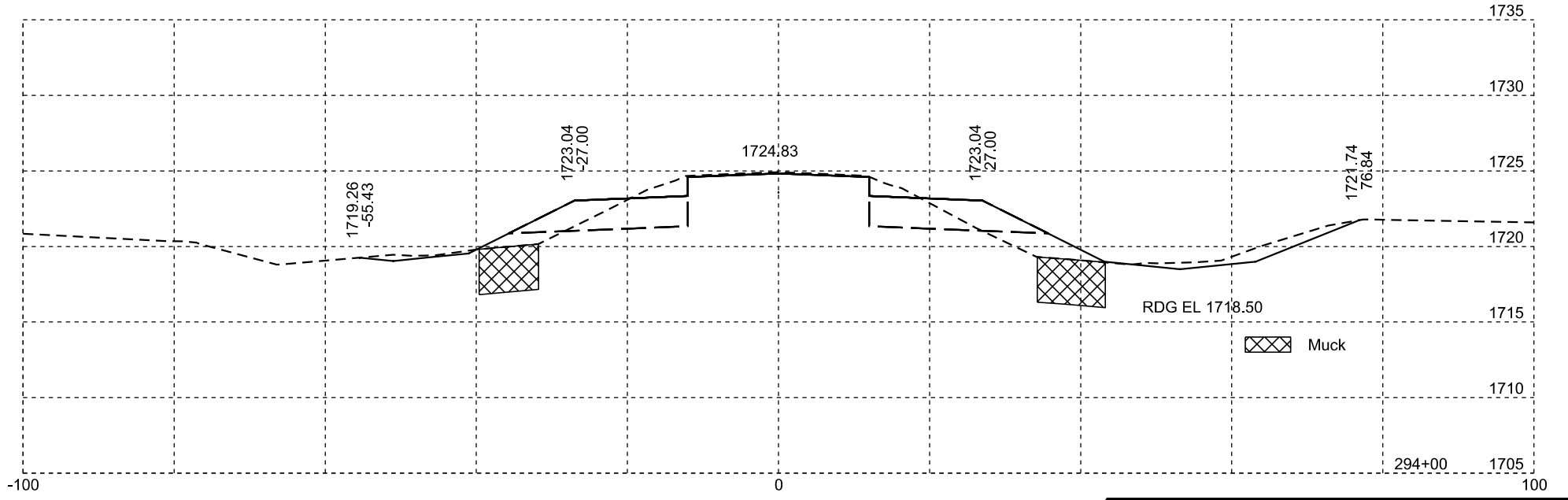
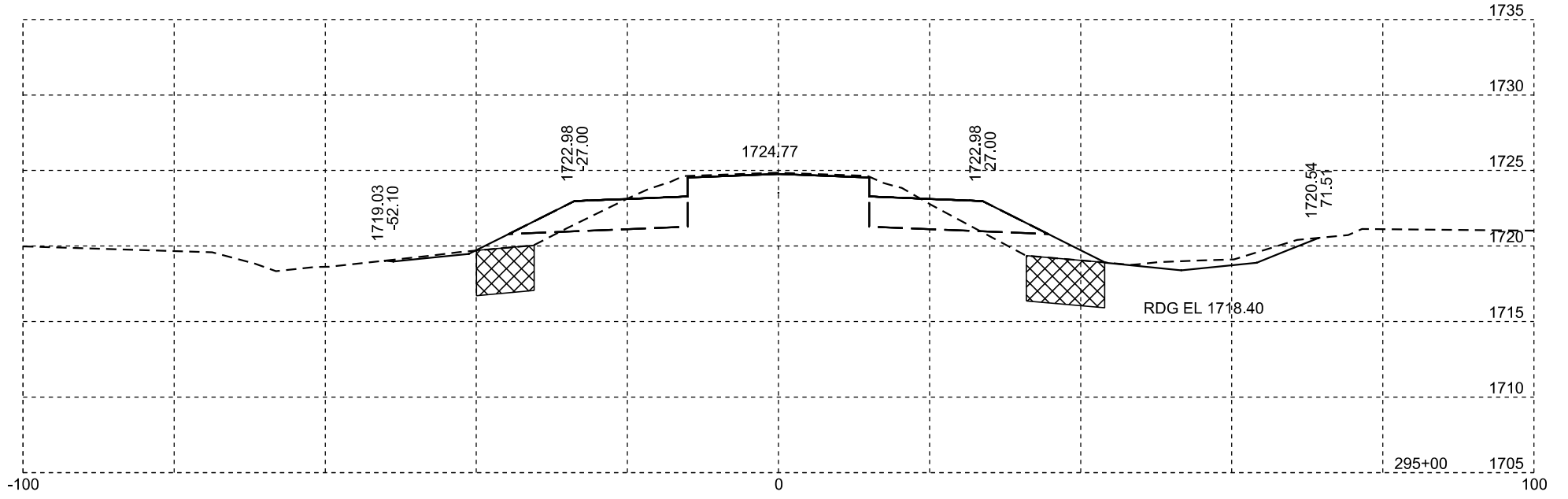
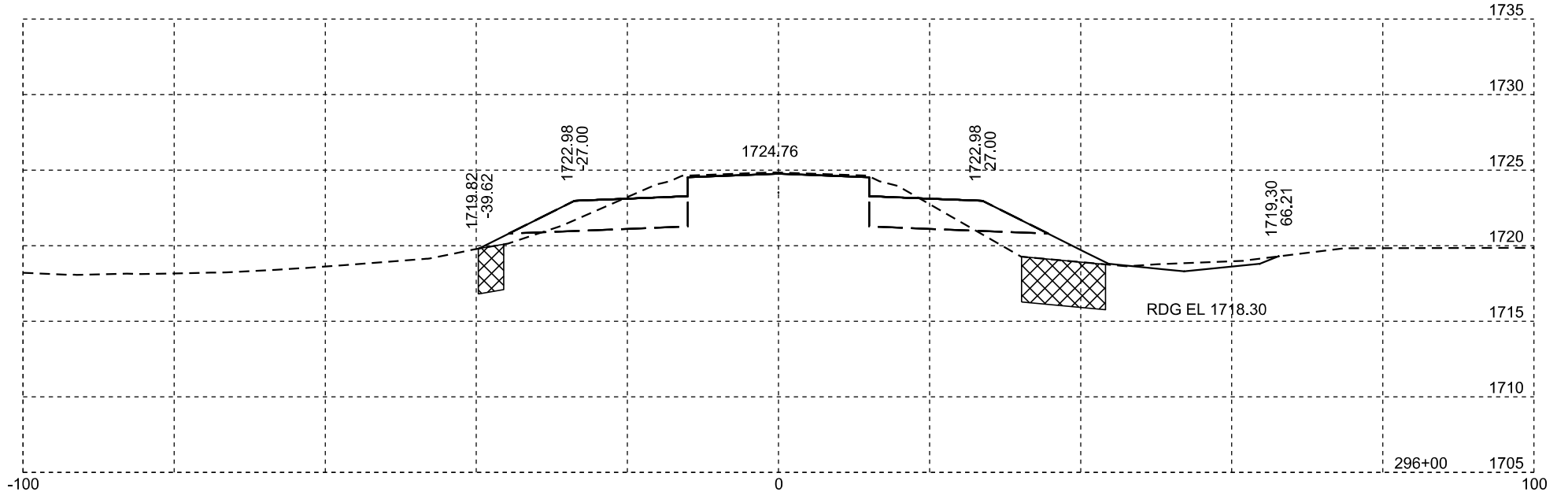
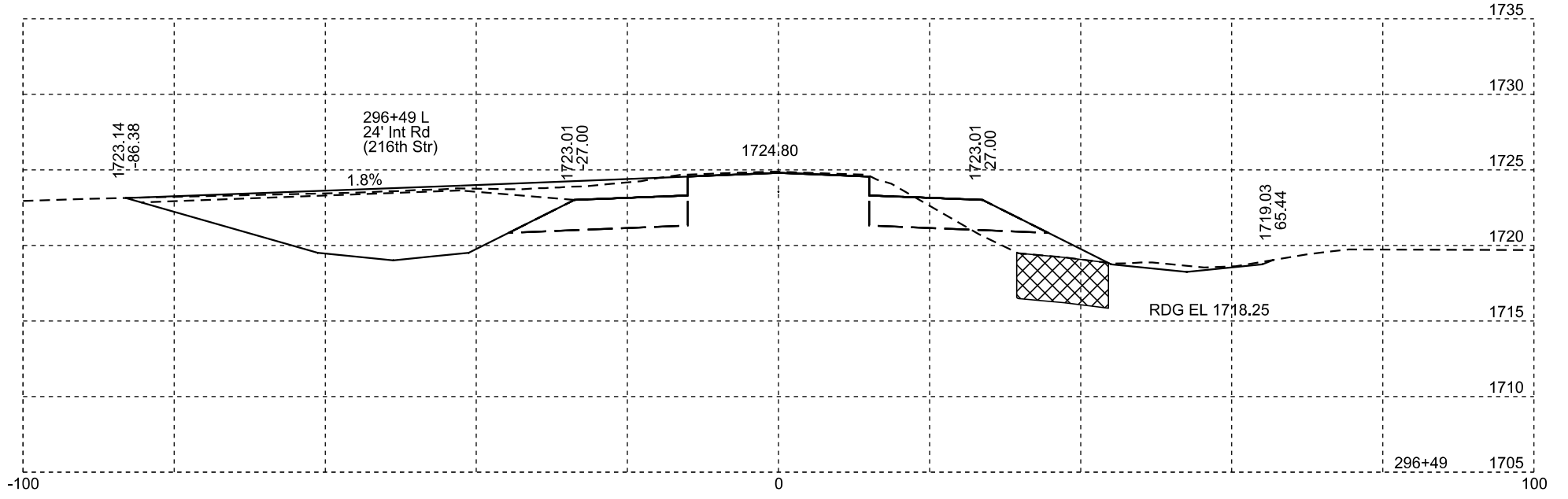
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X20	X110



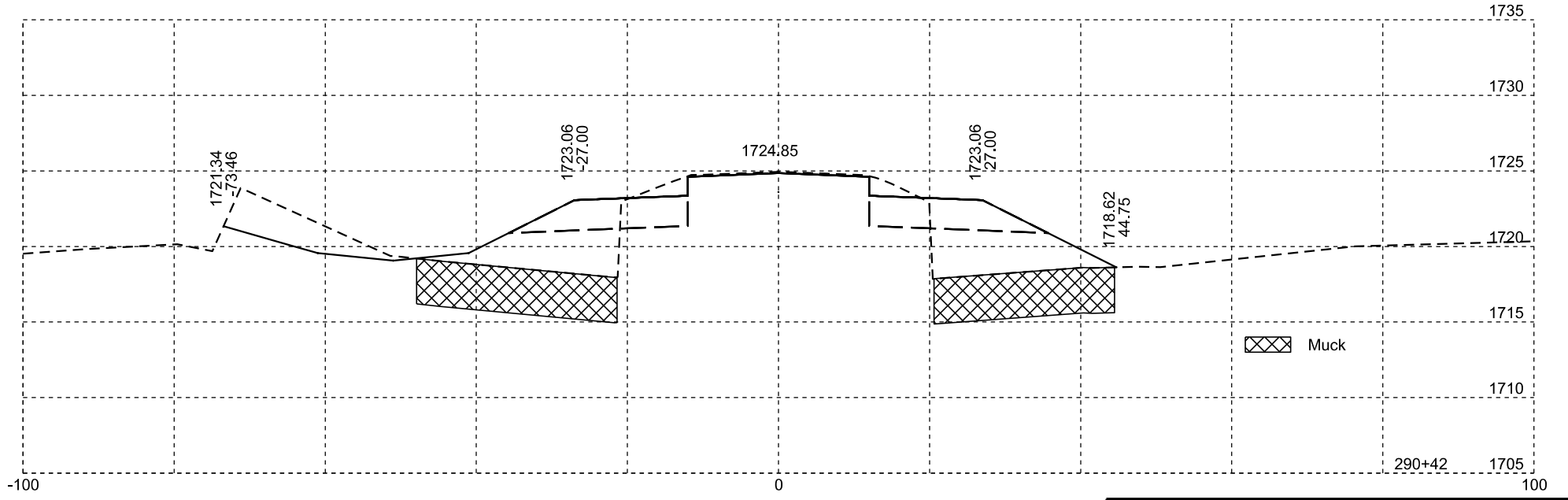
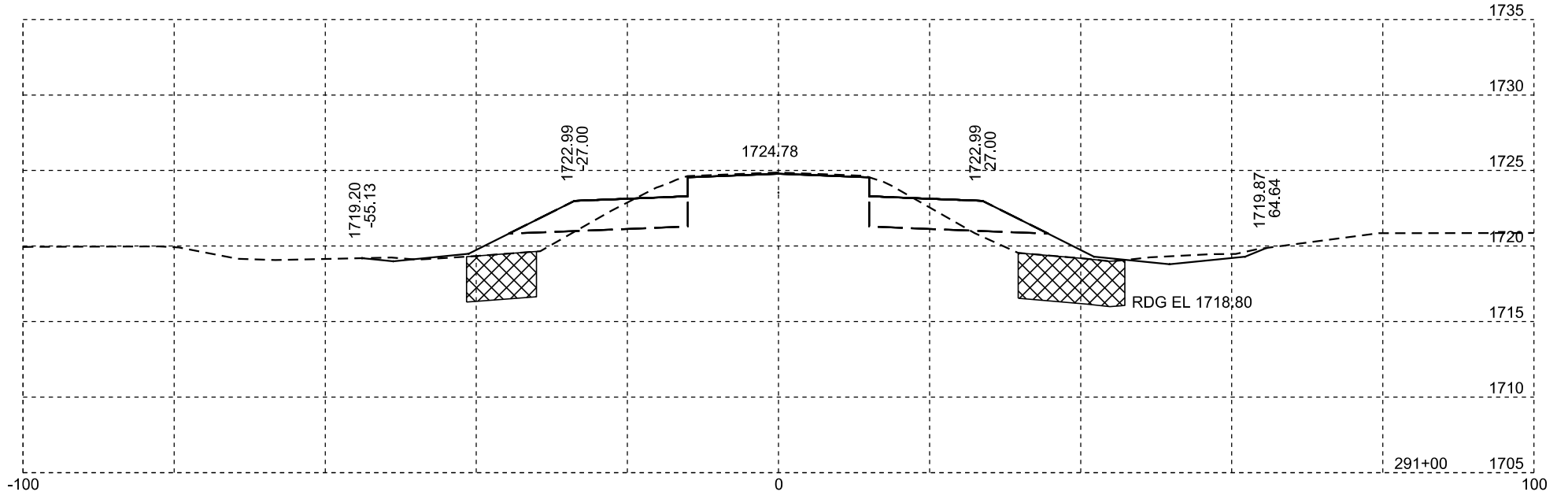
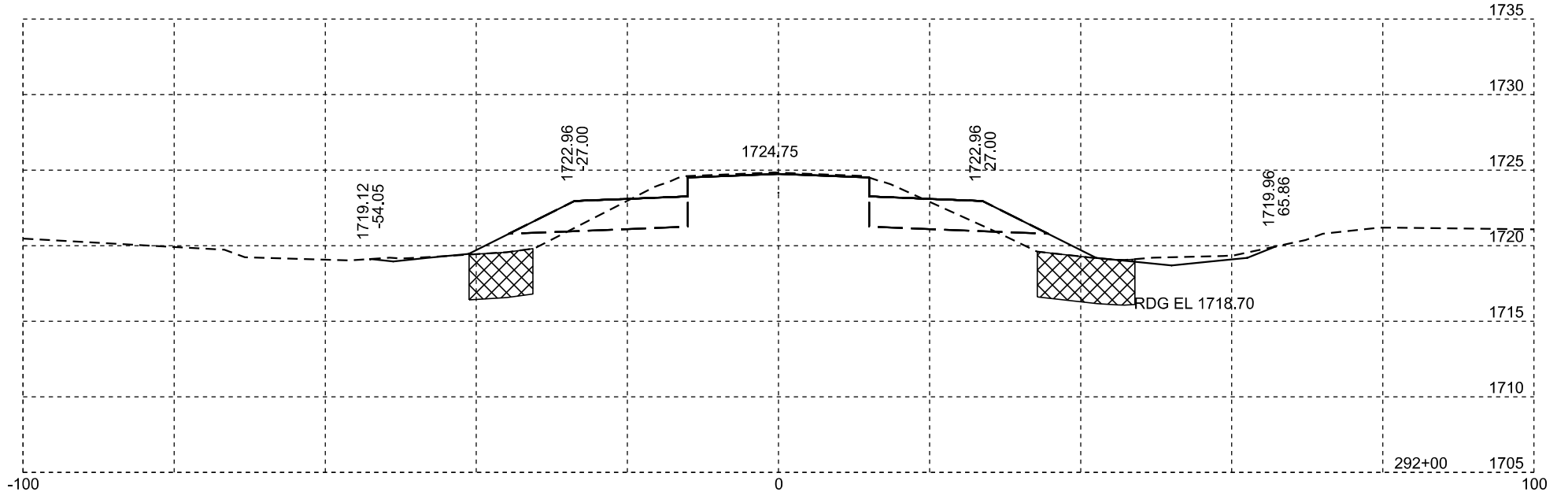
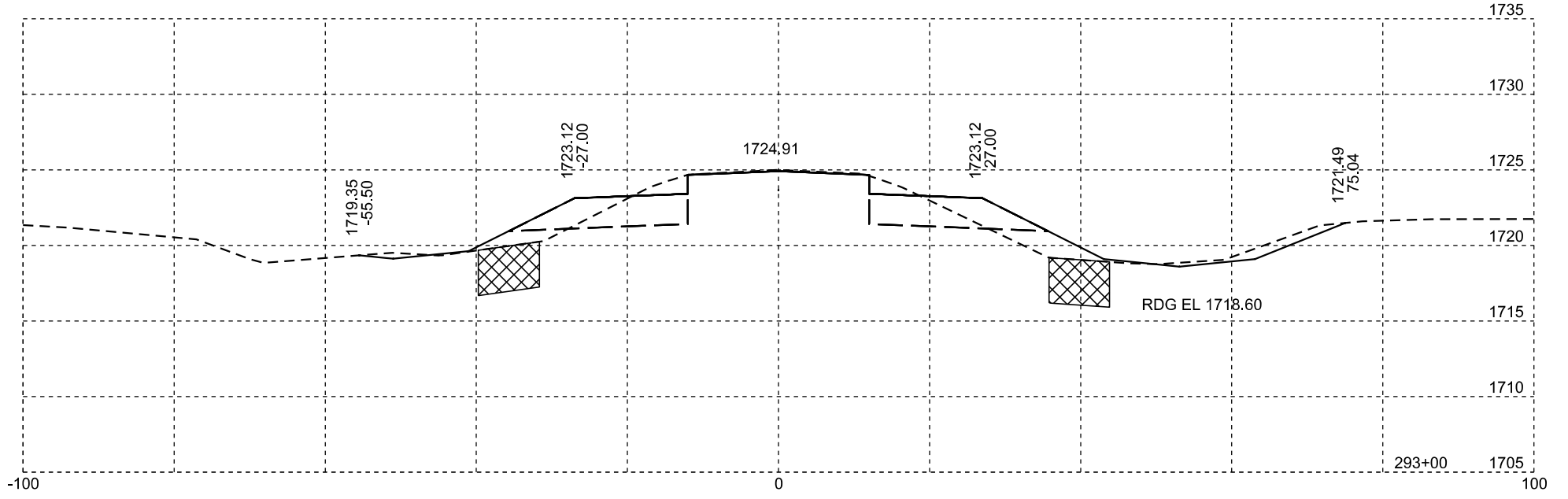
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X21	X110



Plotting Date: 04/15/2024

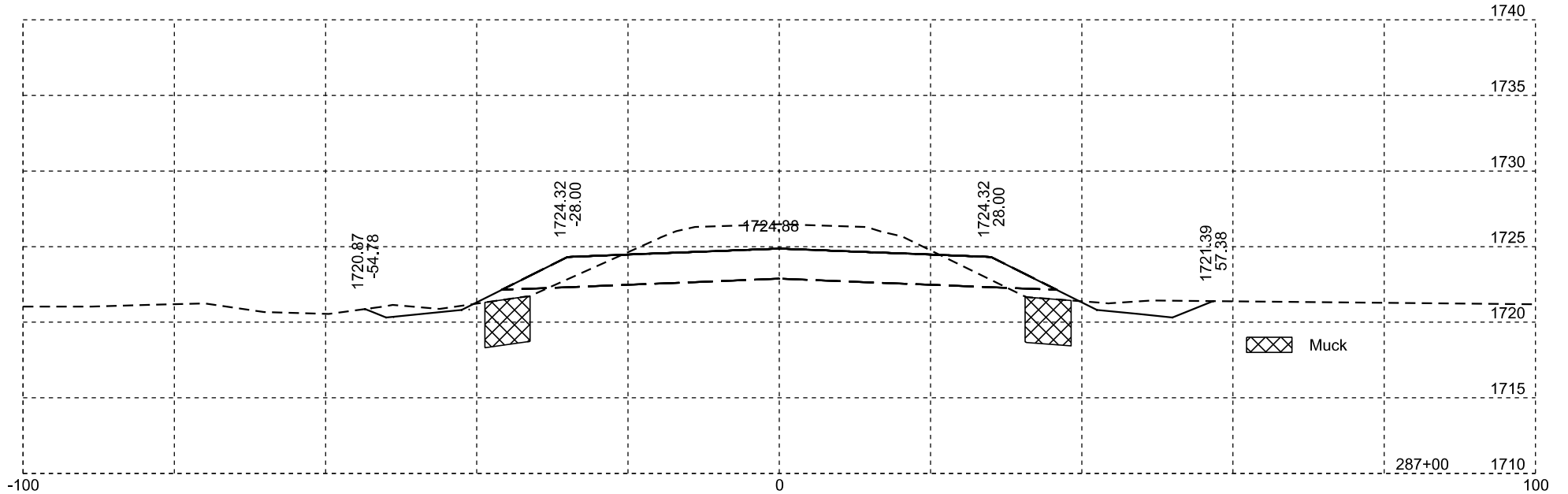
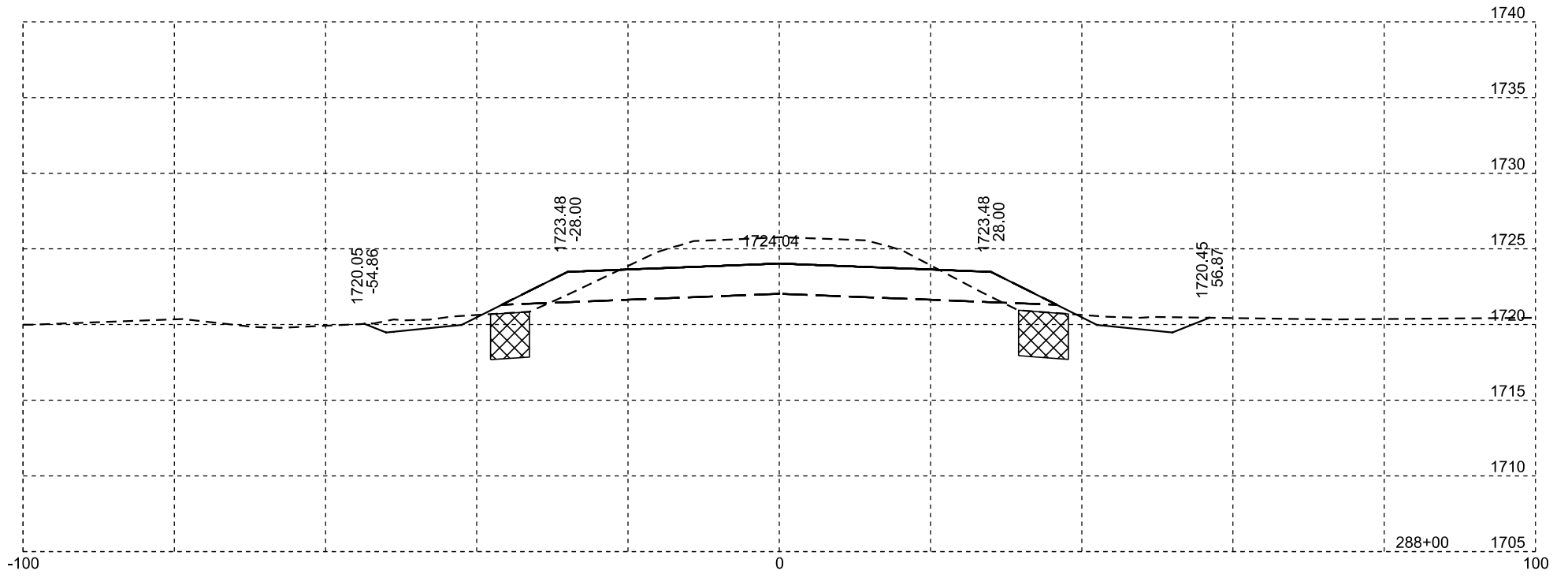
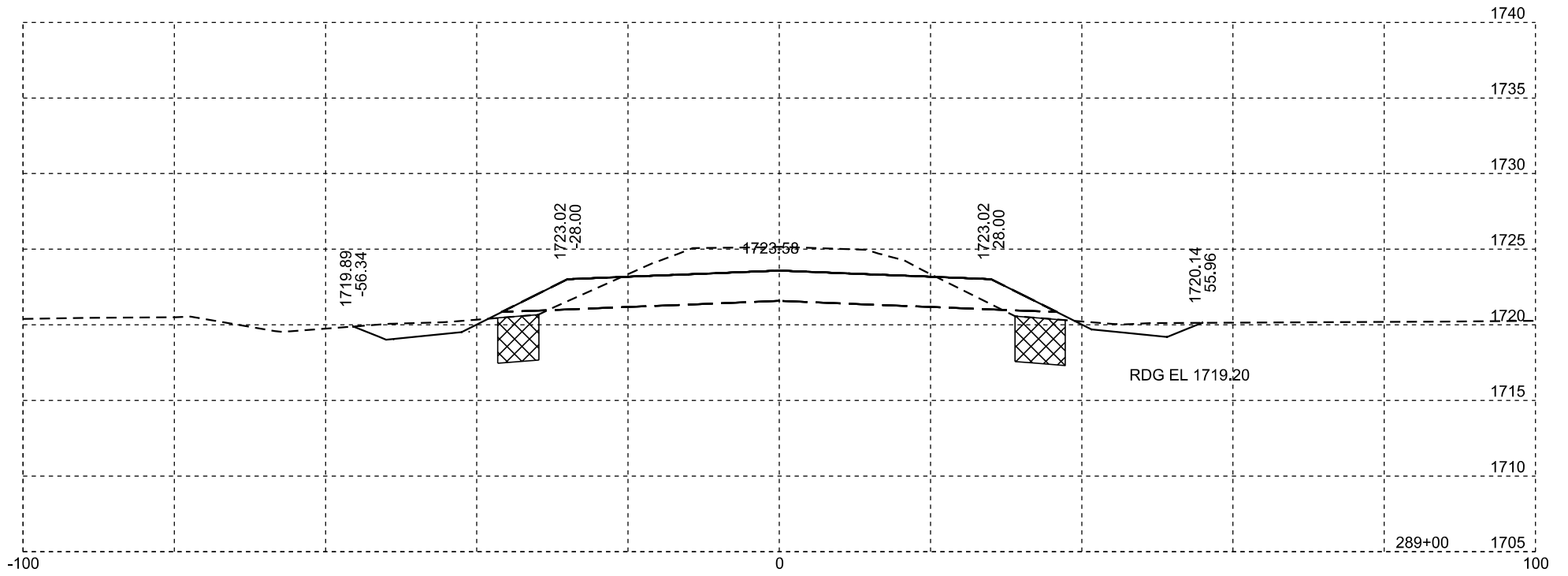
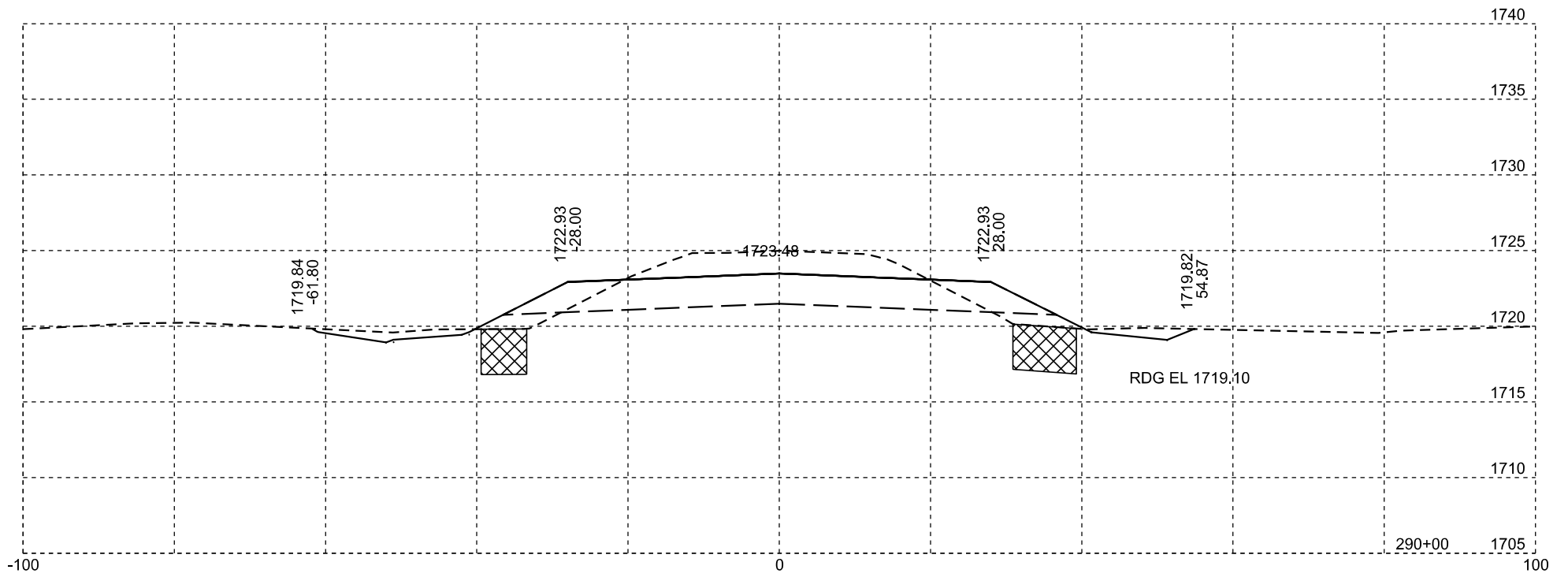
STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X22	X110



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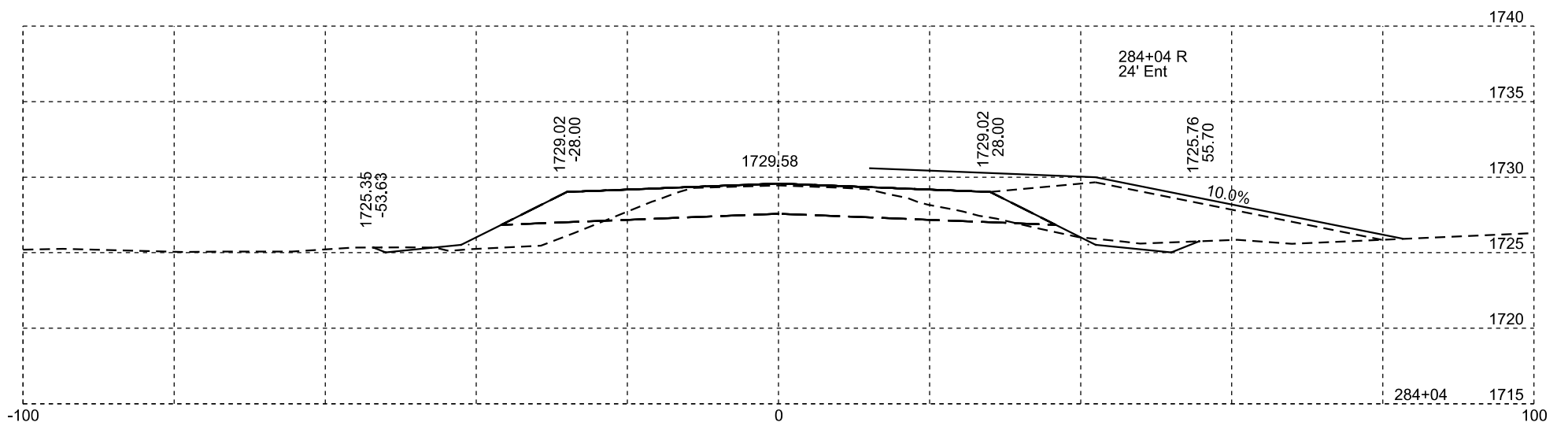
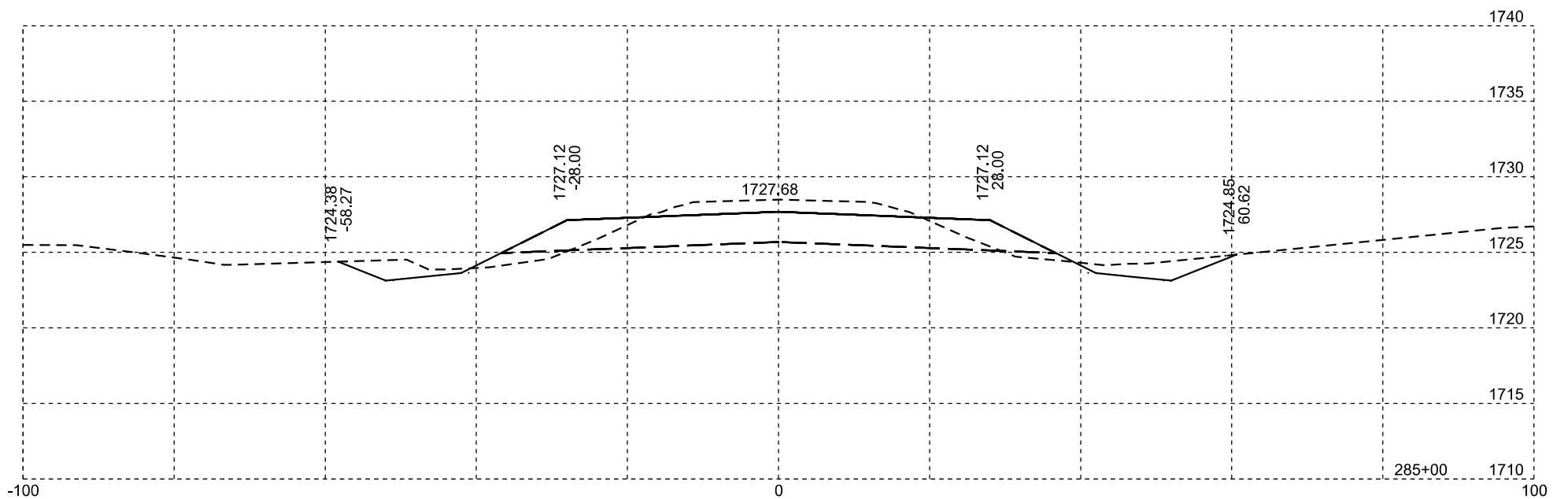
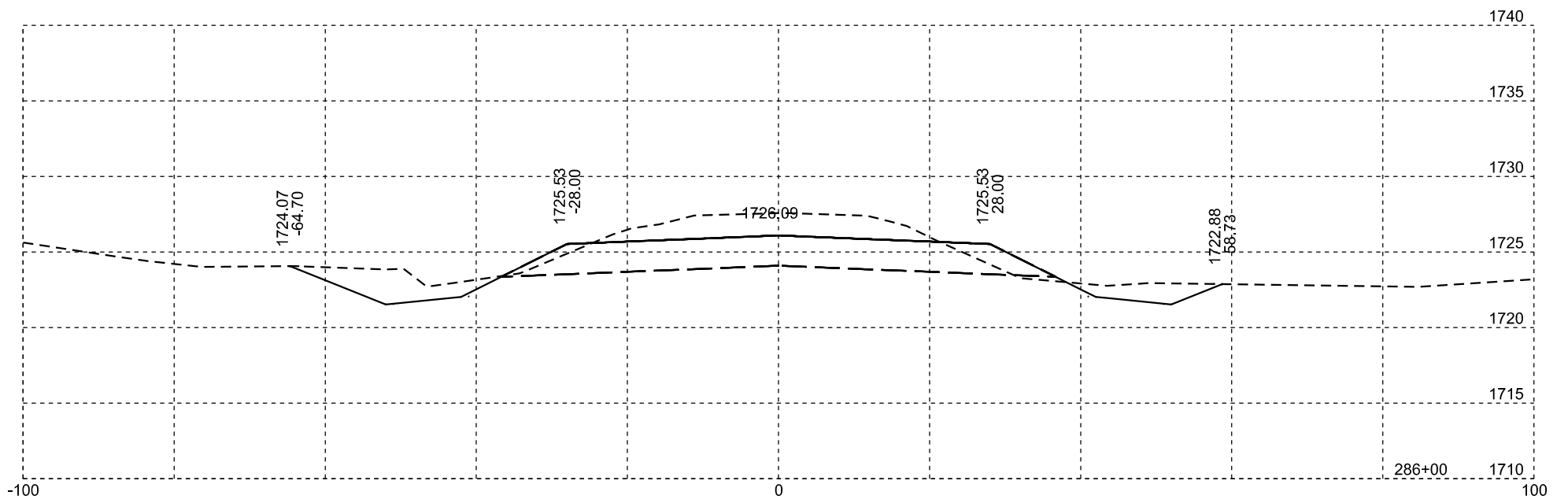
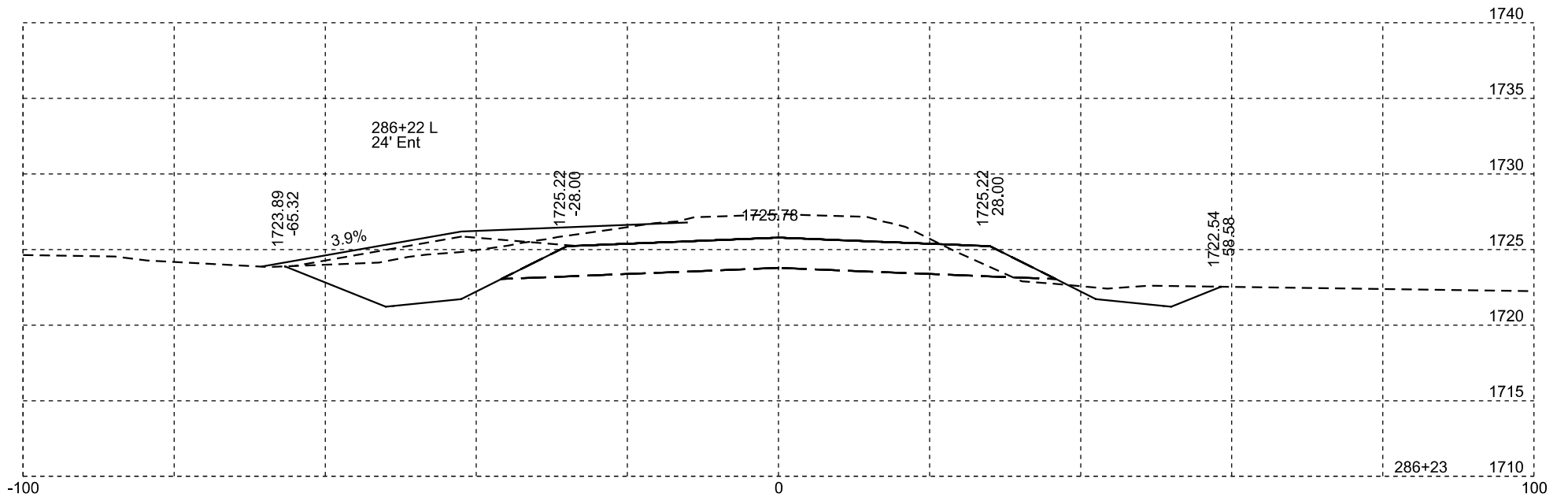
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X23	X110



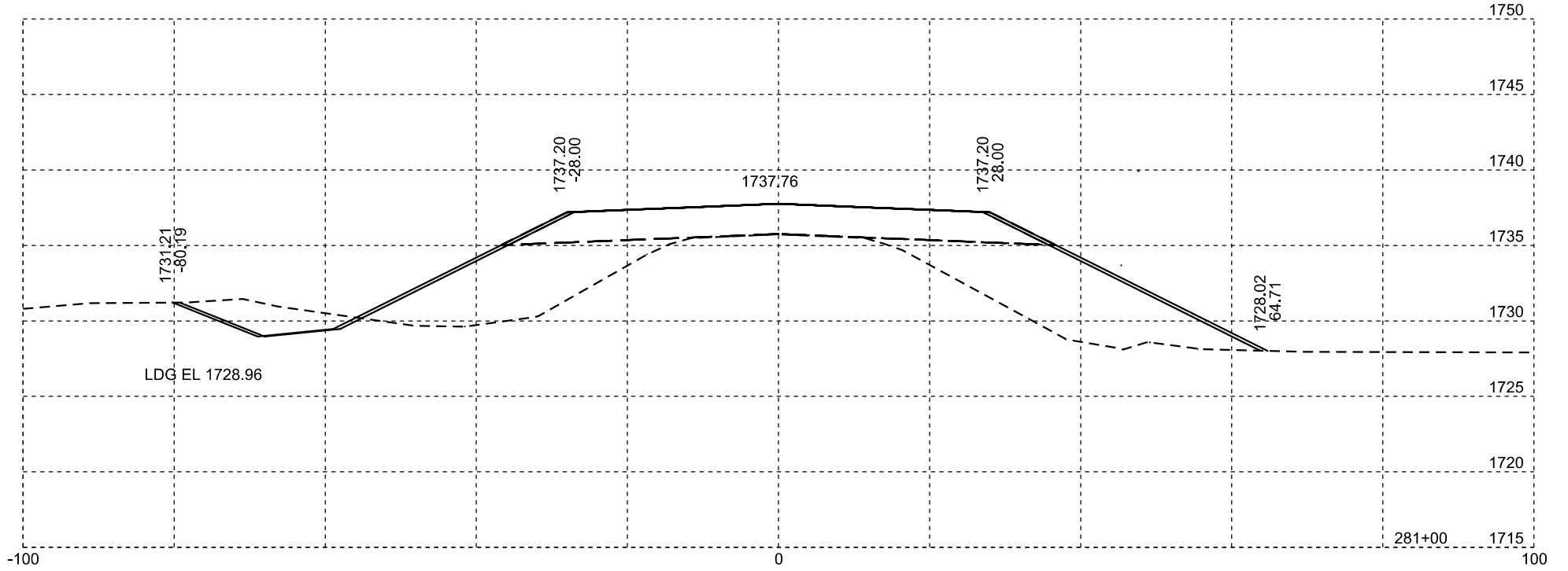
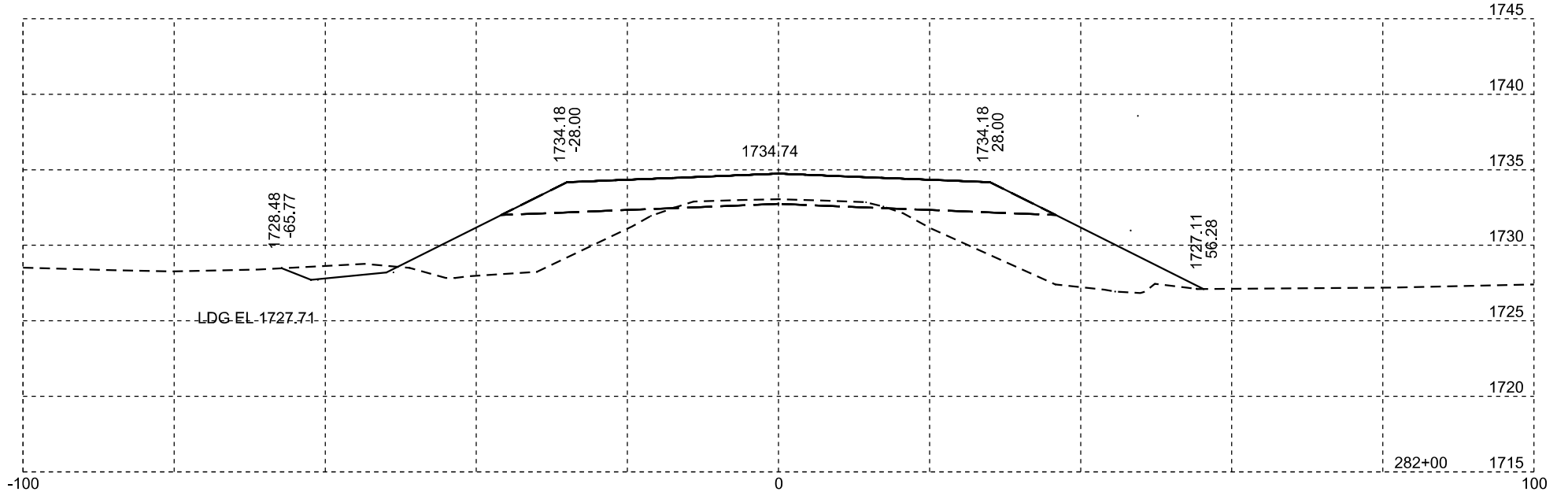
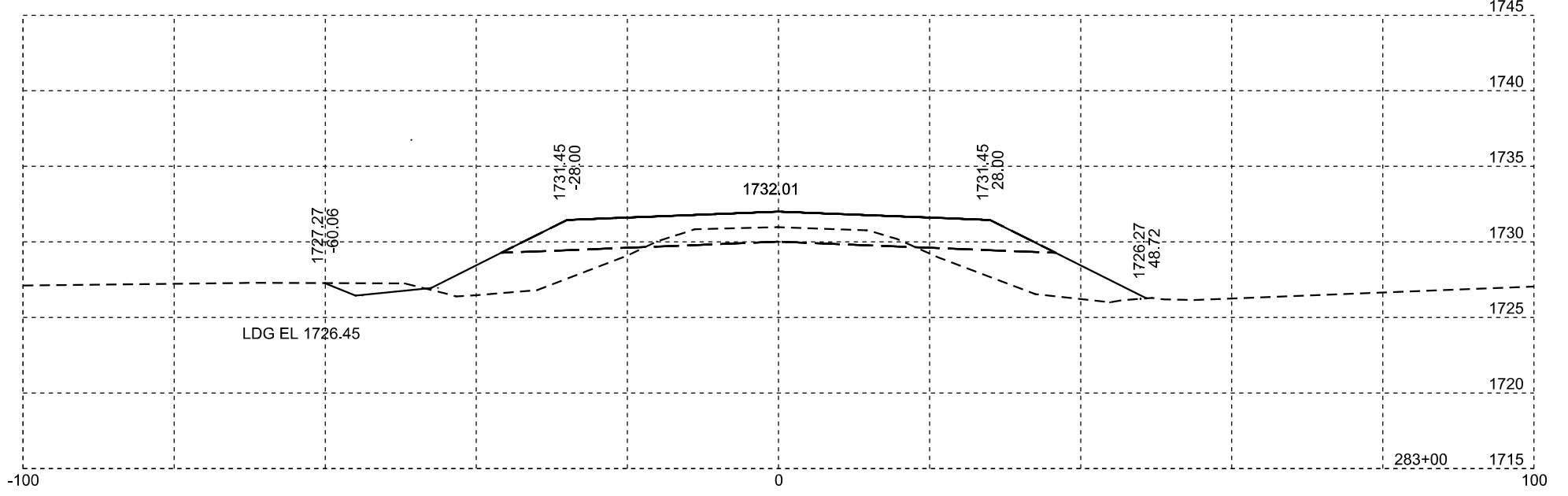
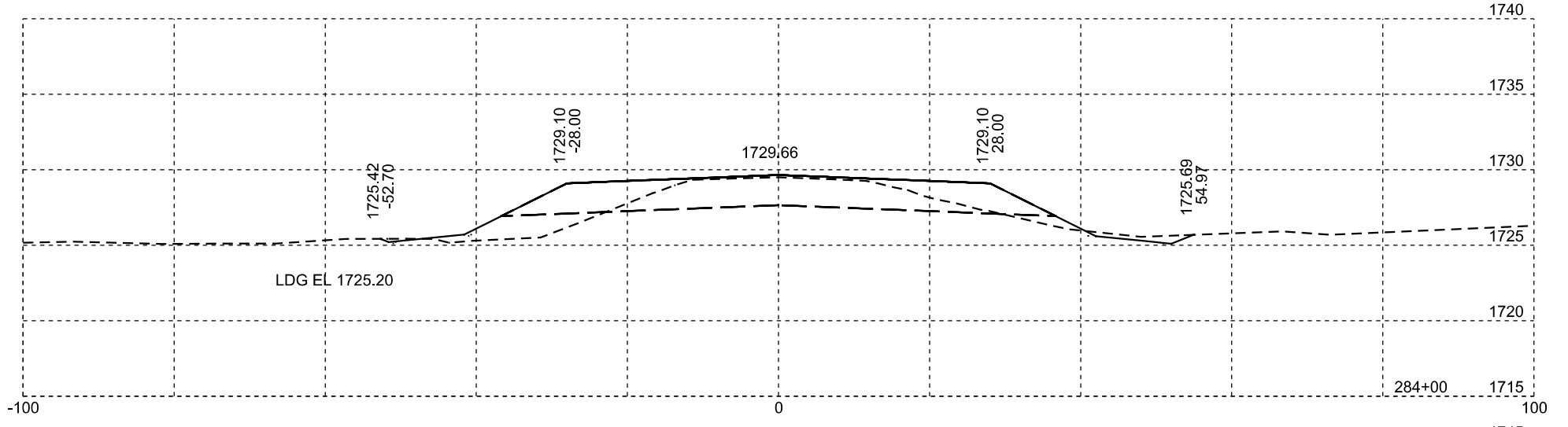
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X24	X110



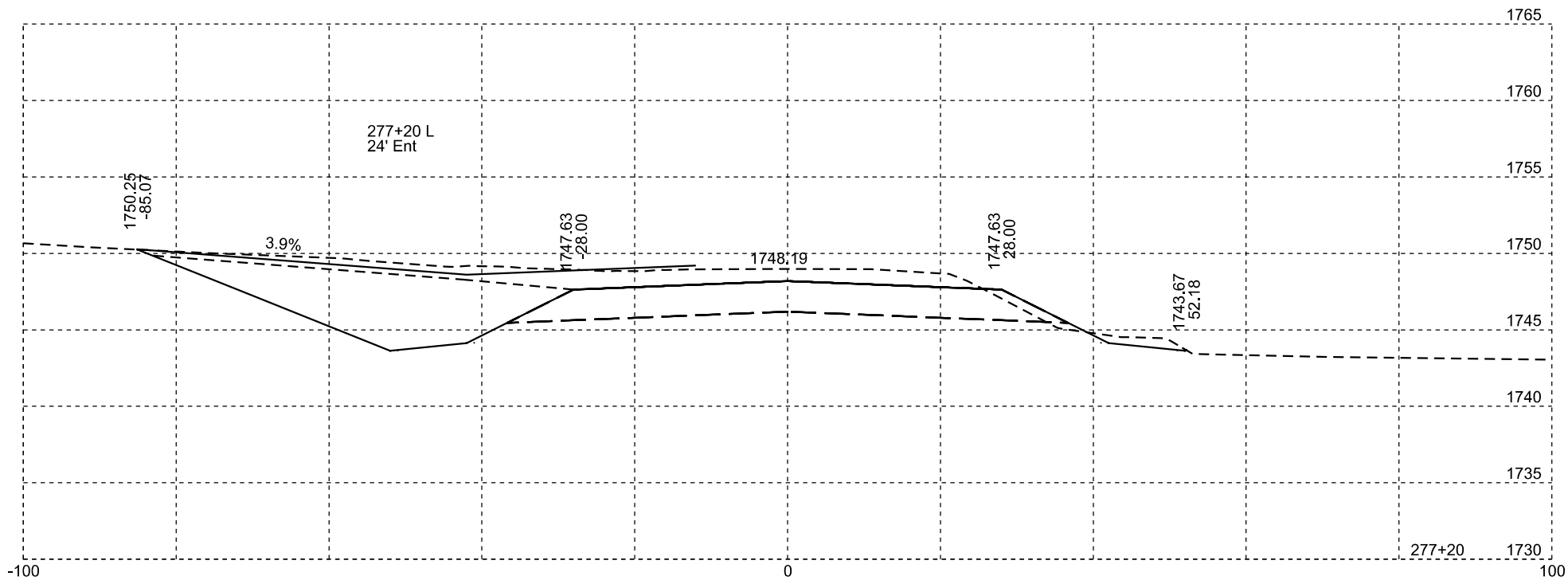
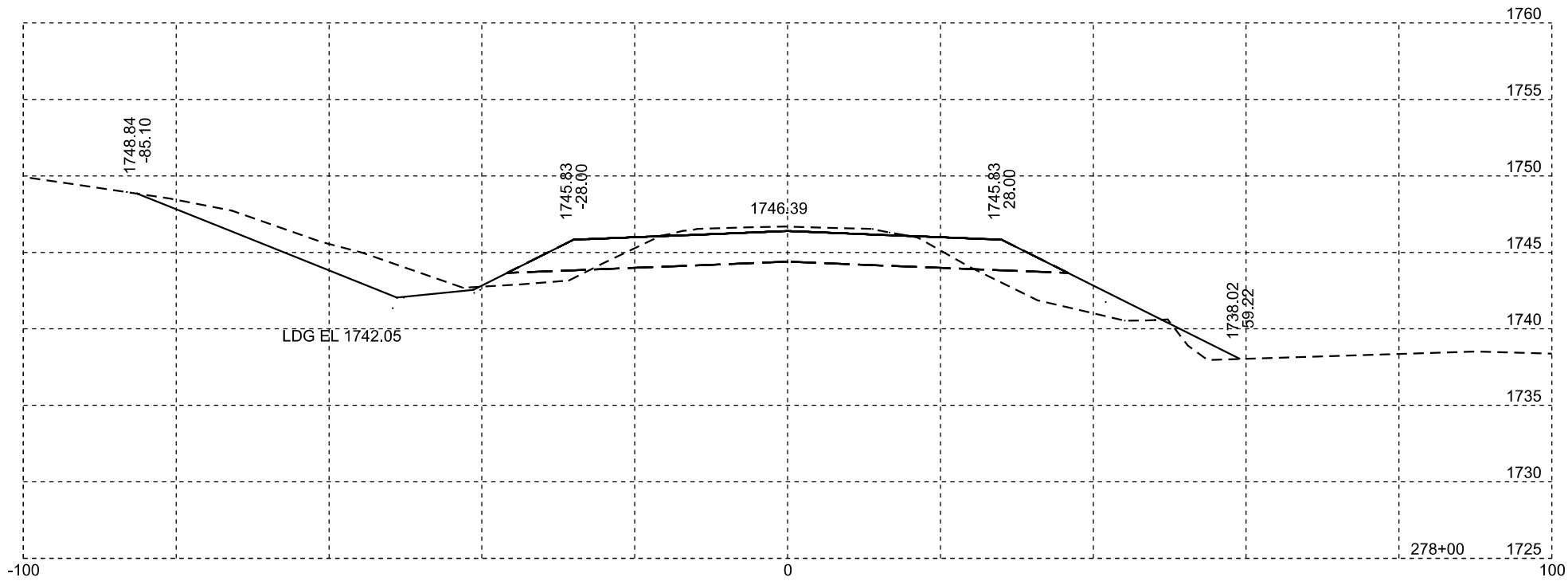
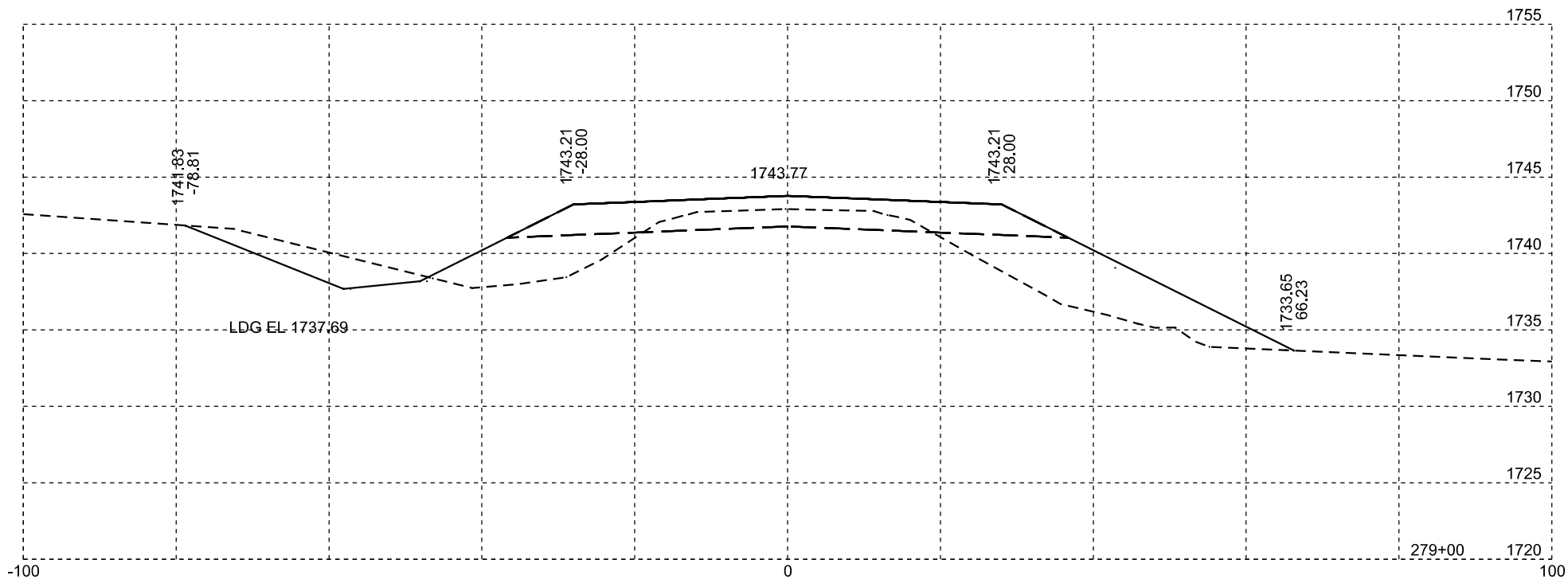
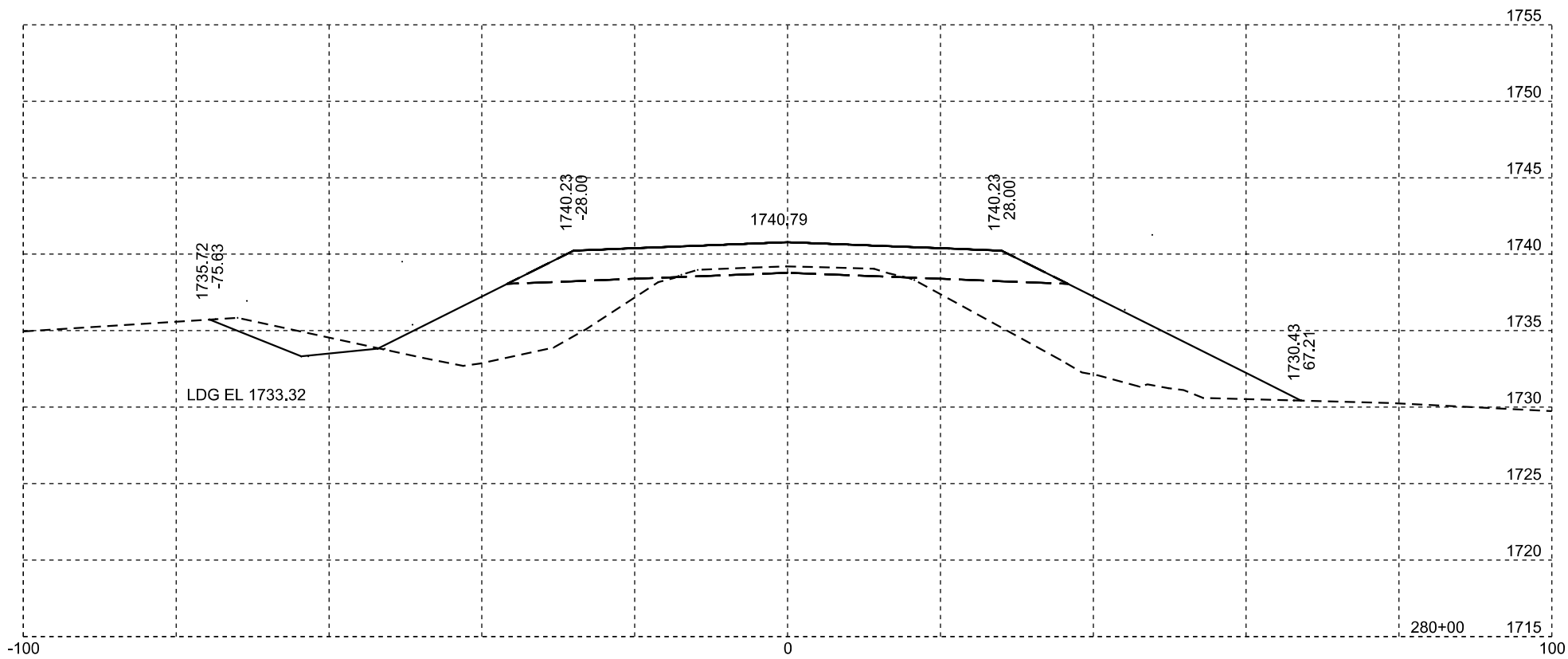
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X25	X110



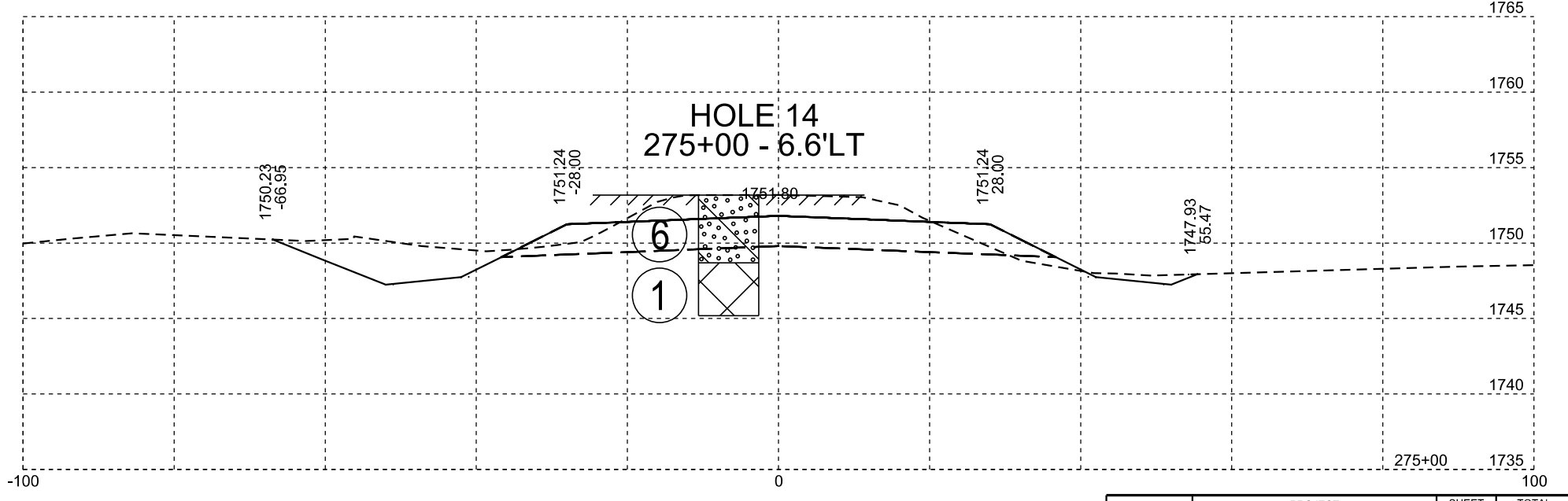
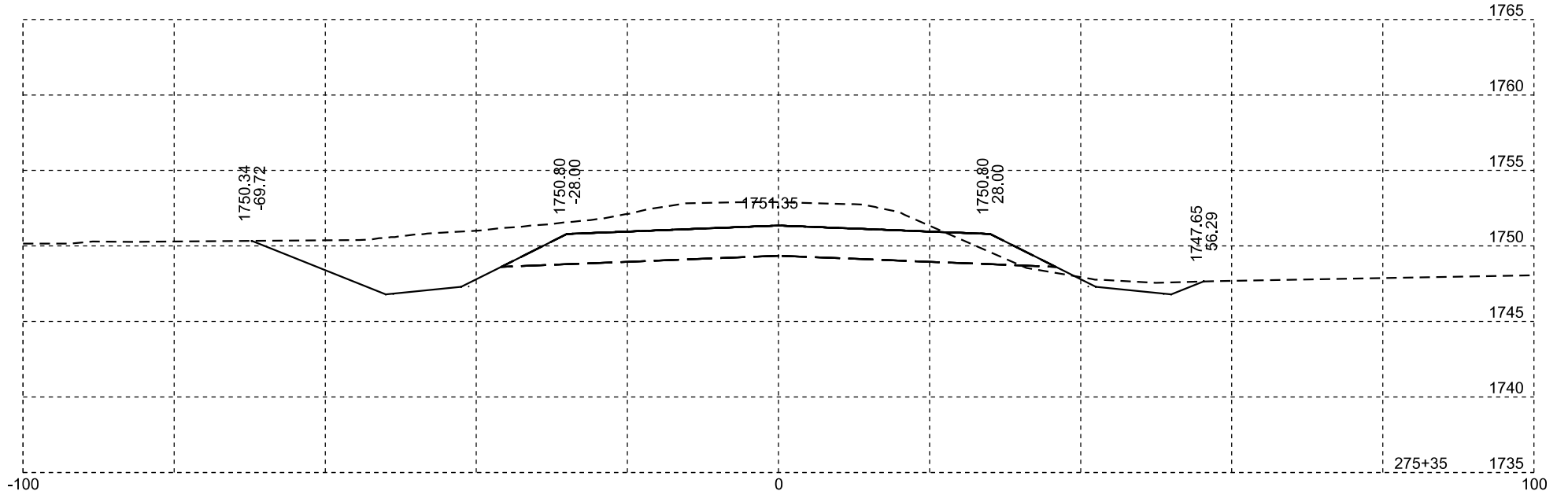
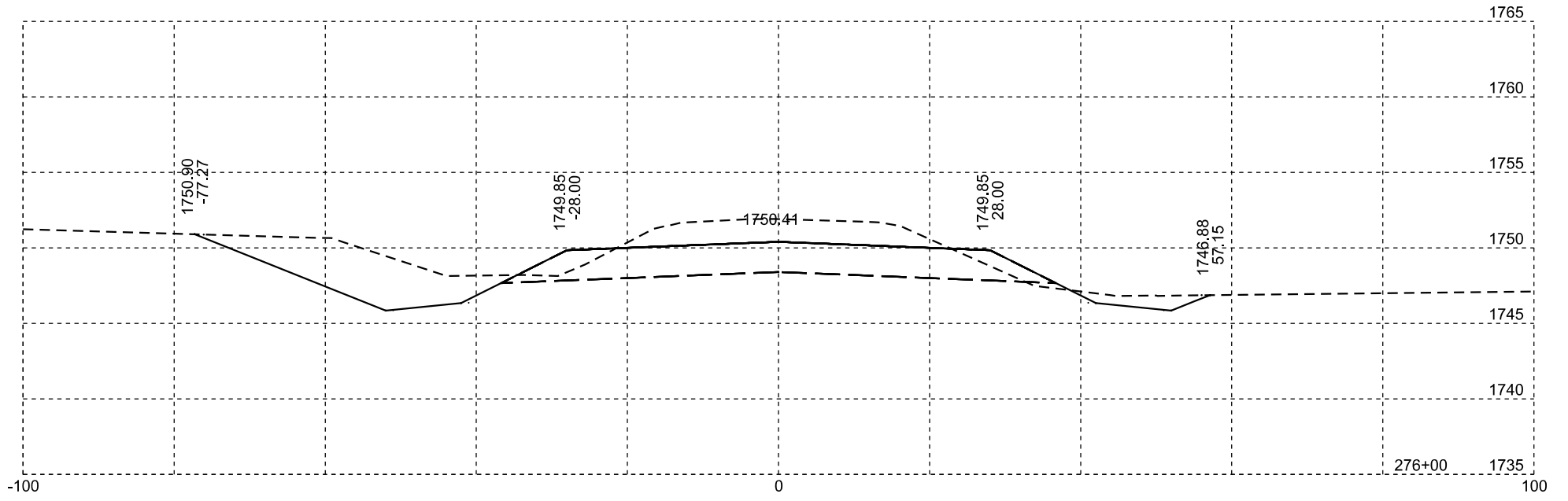
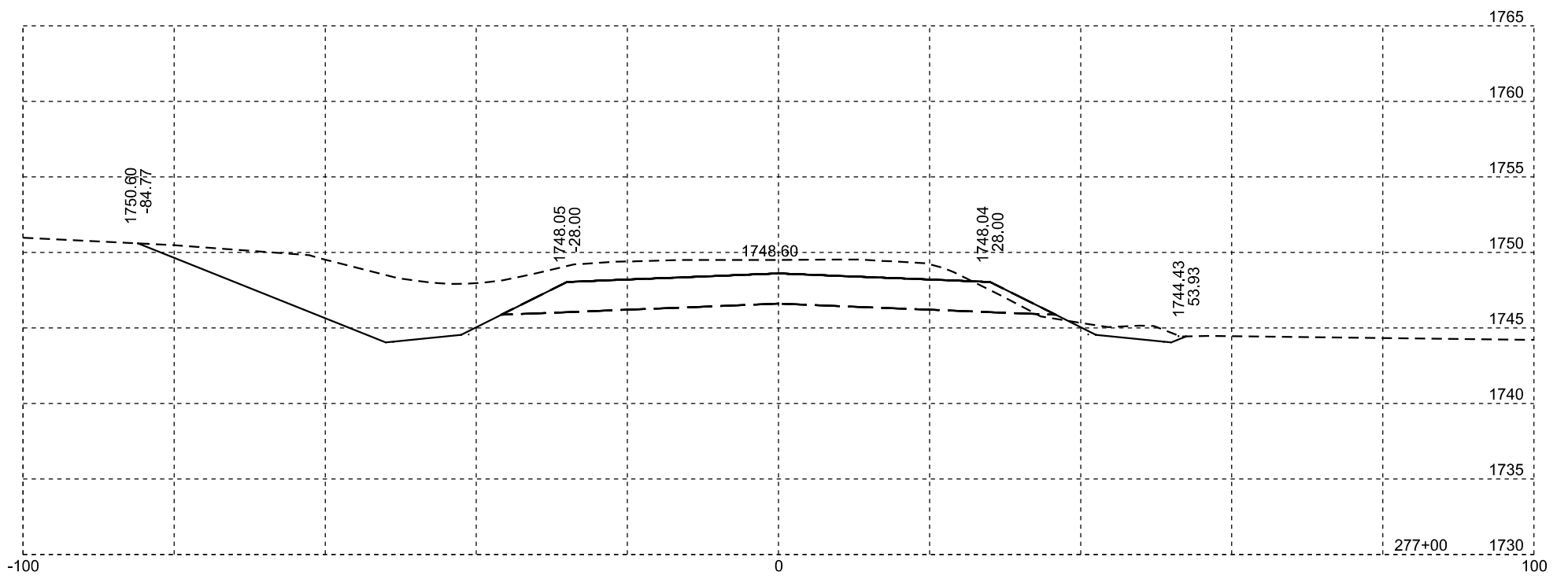
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X26	X110



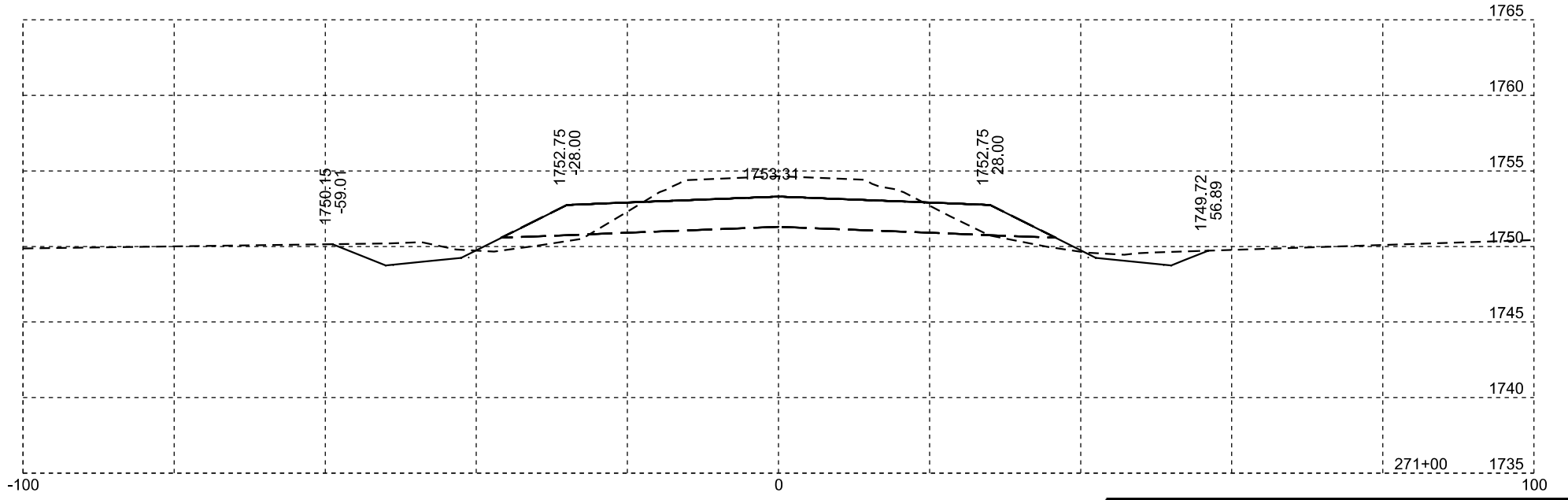
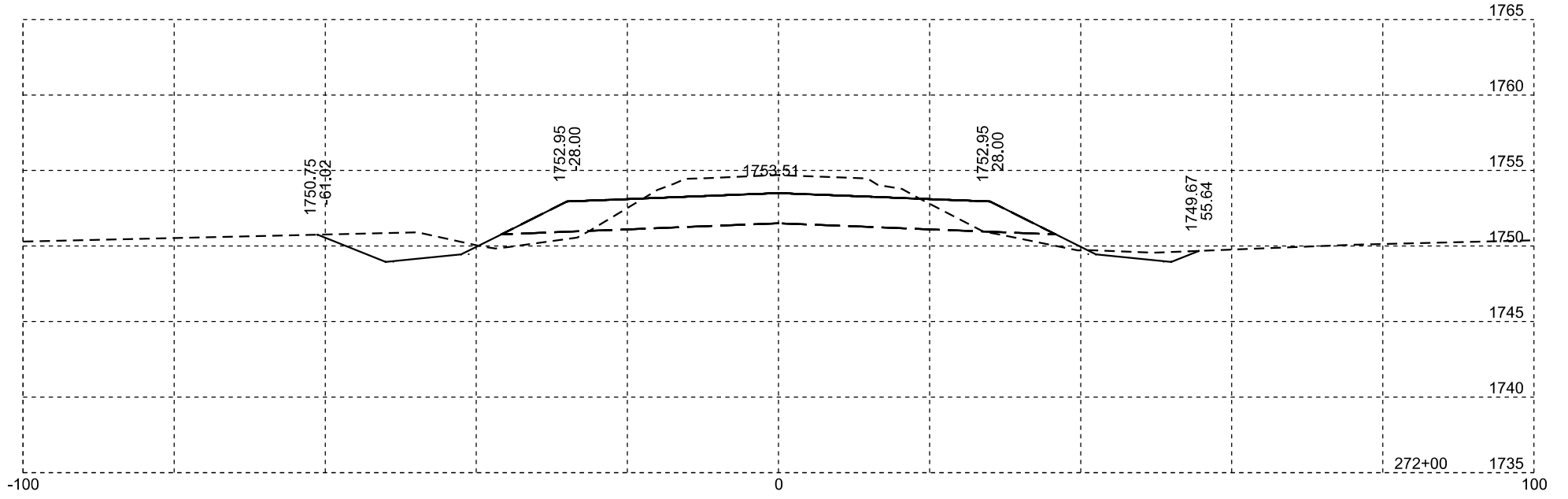
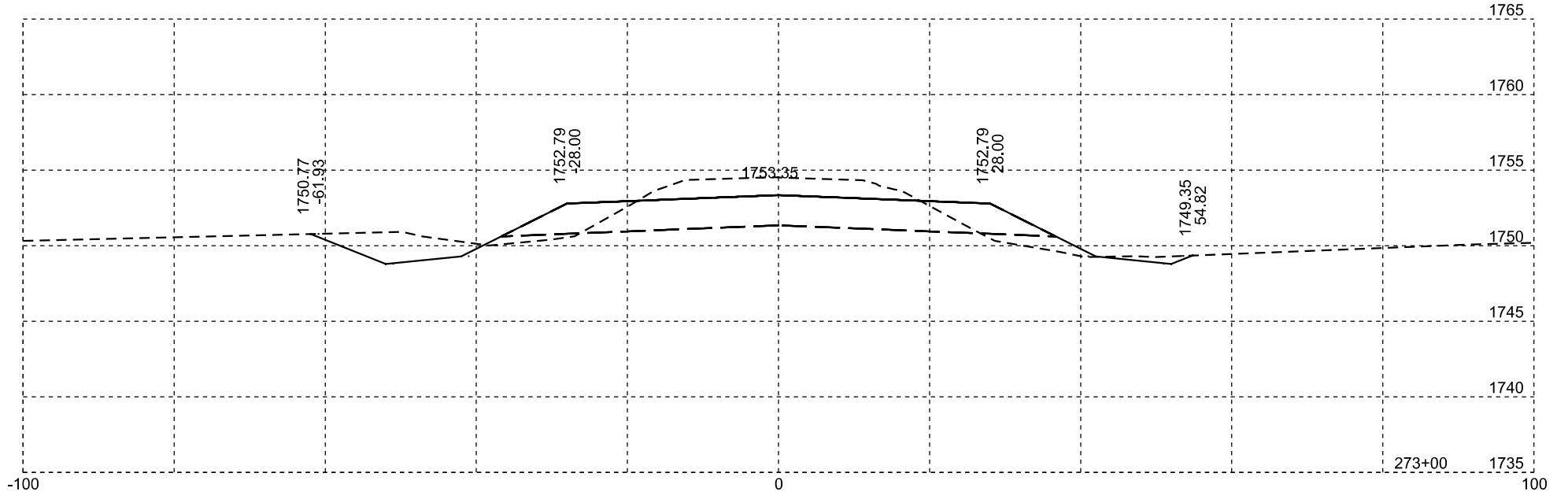
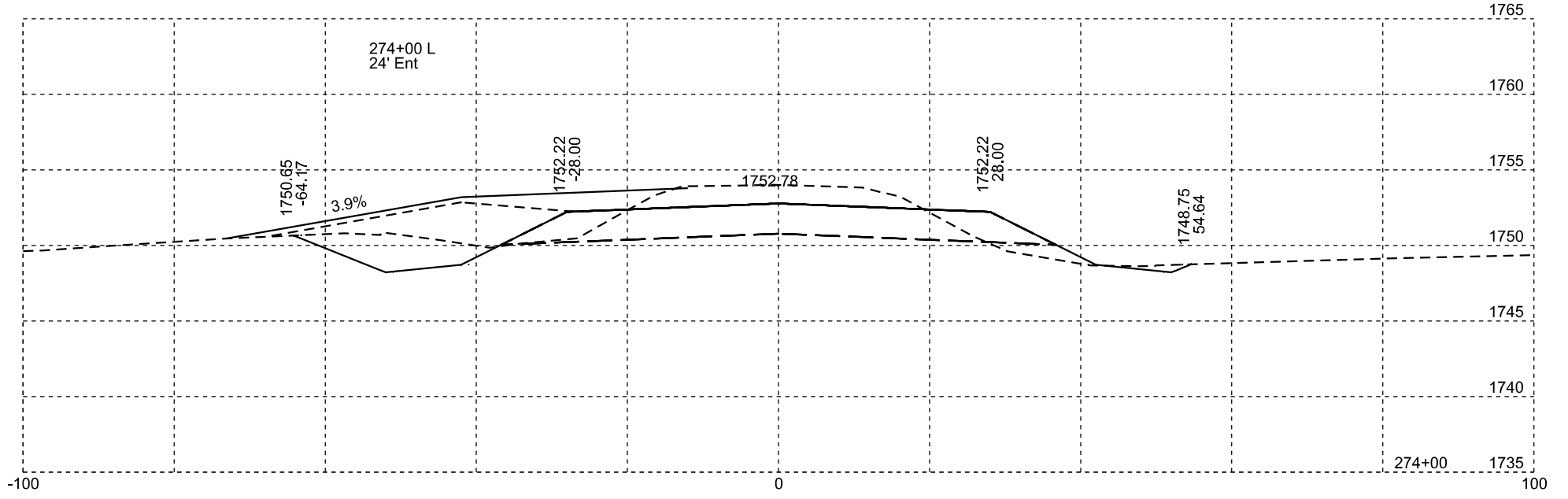
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X27	X110



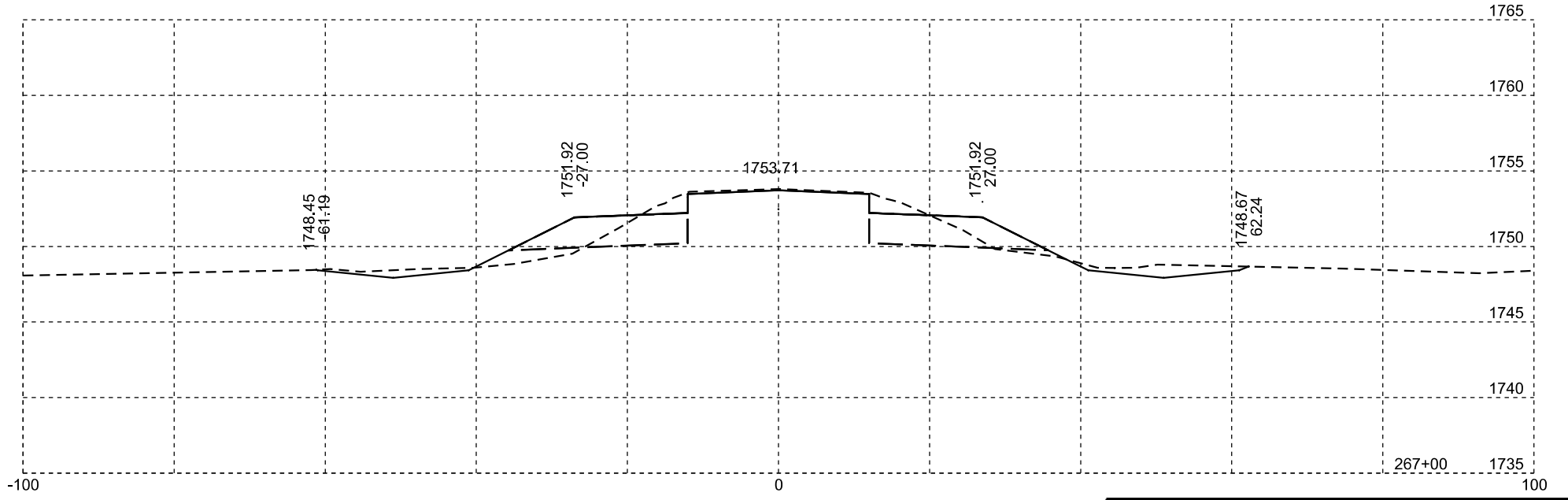
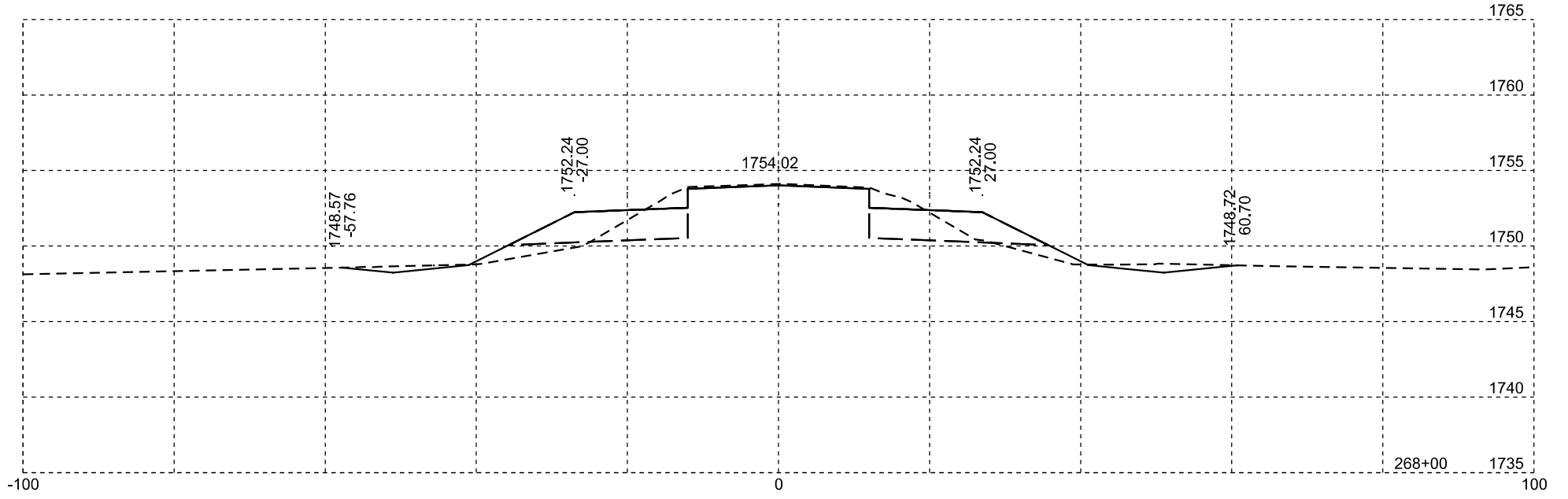
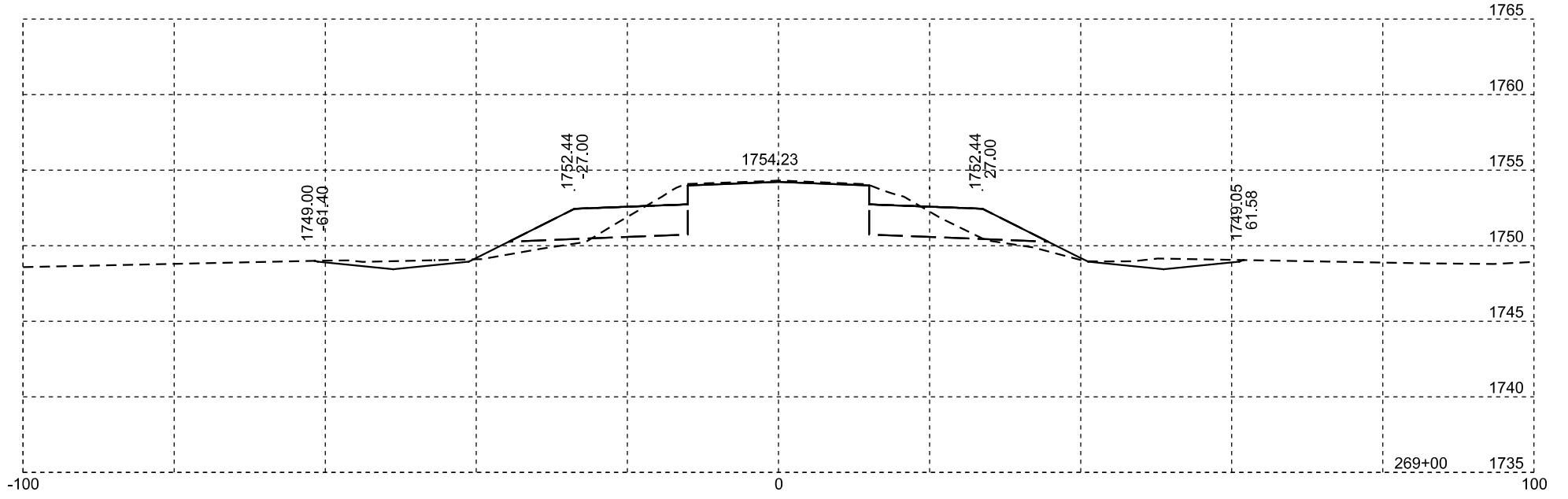
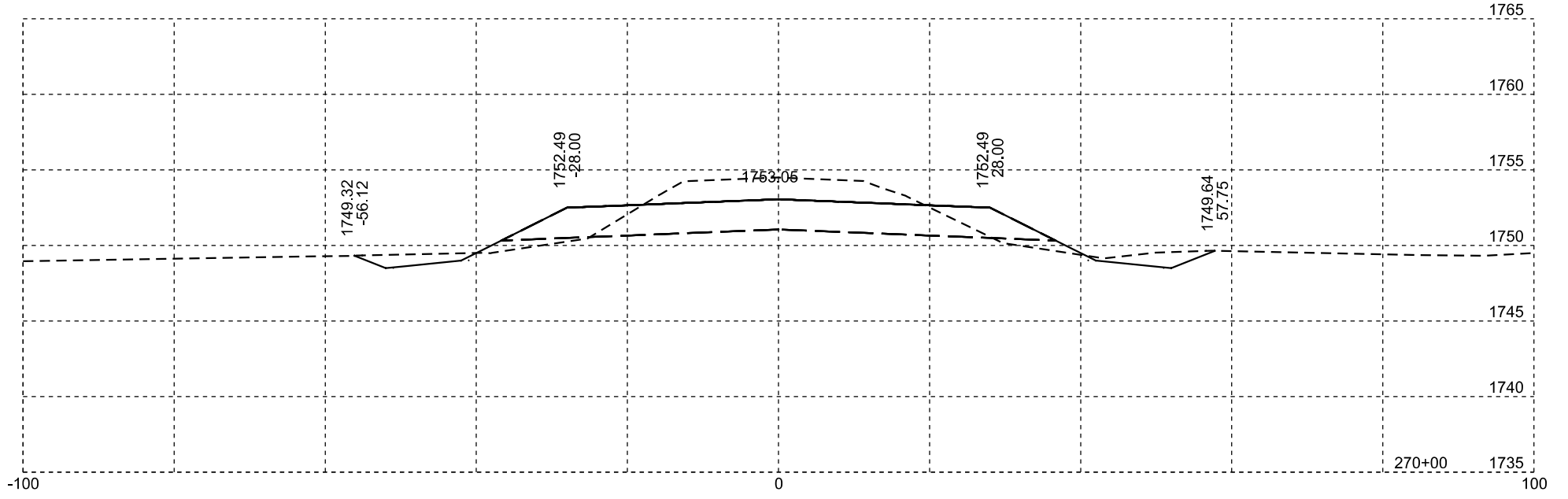
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X28	X110



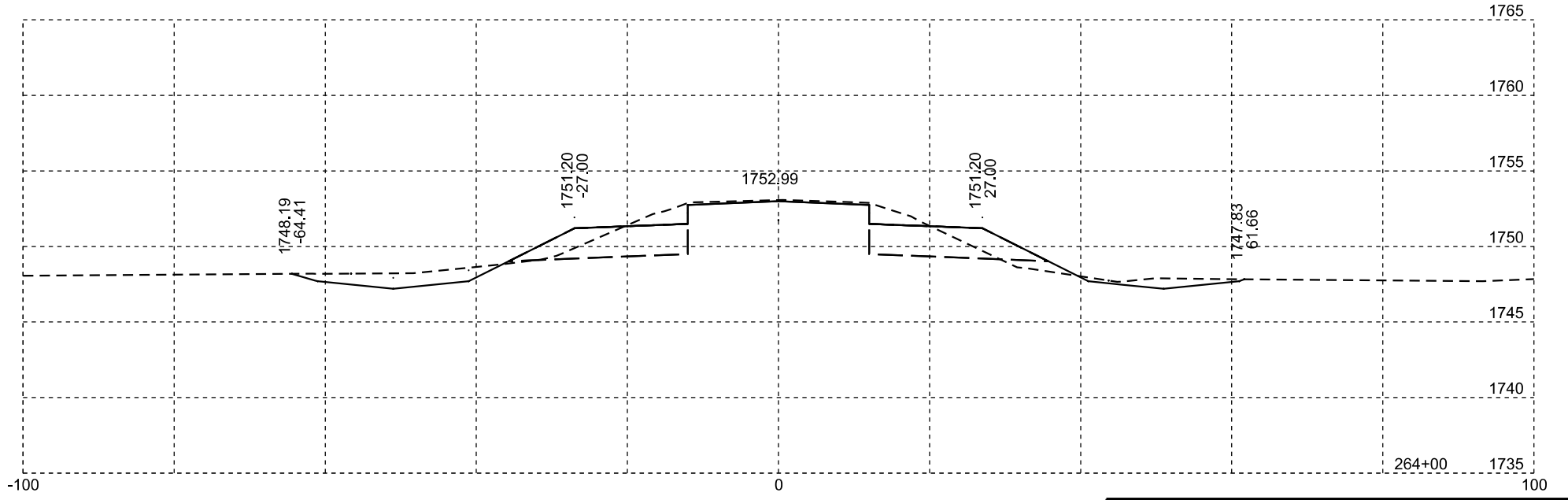
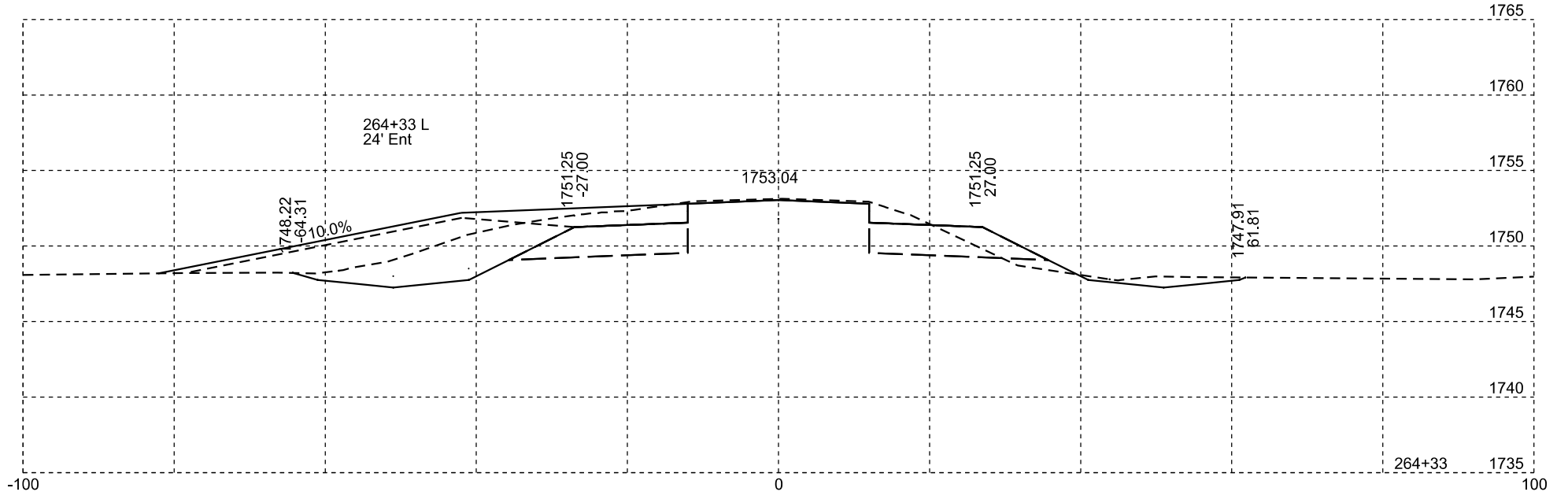
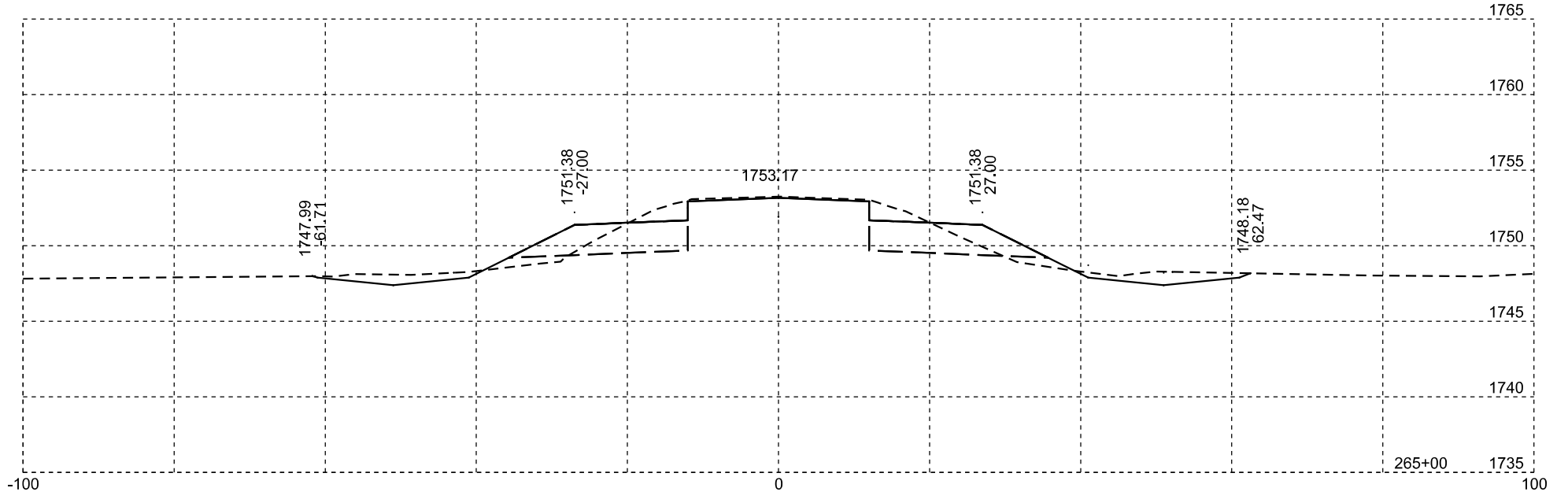
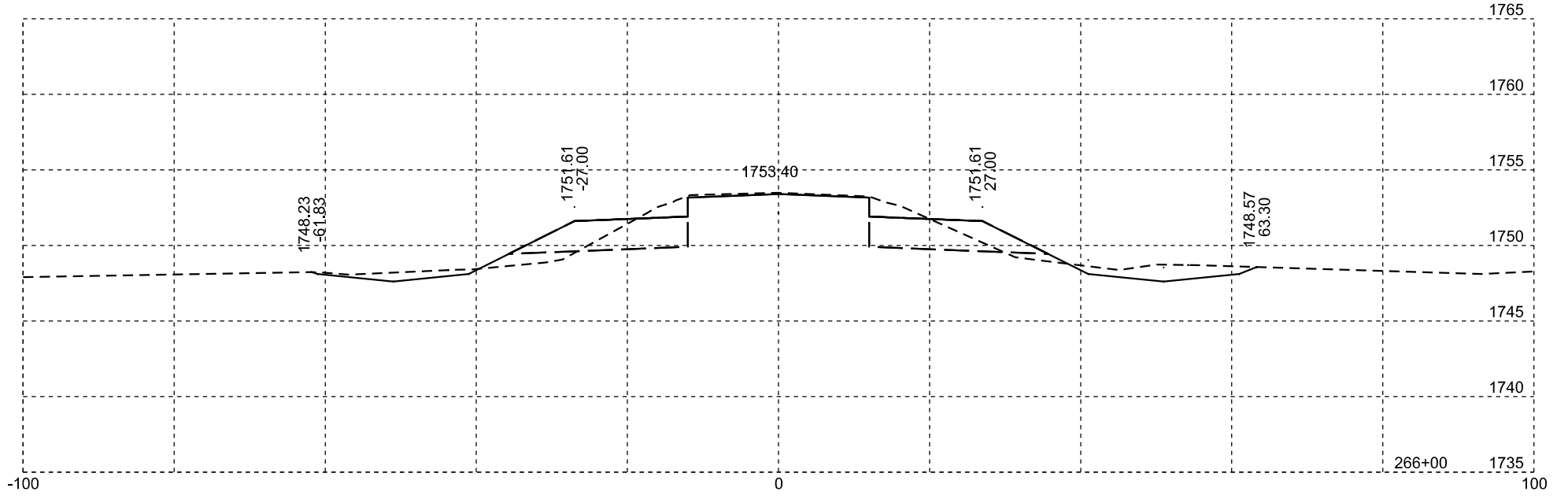
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X29	X110



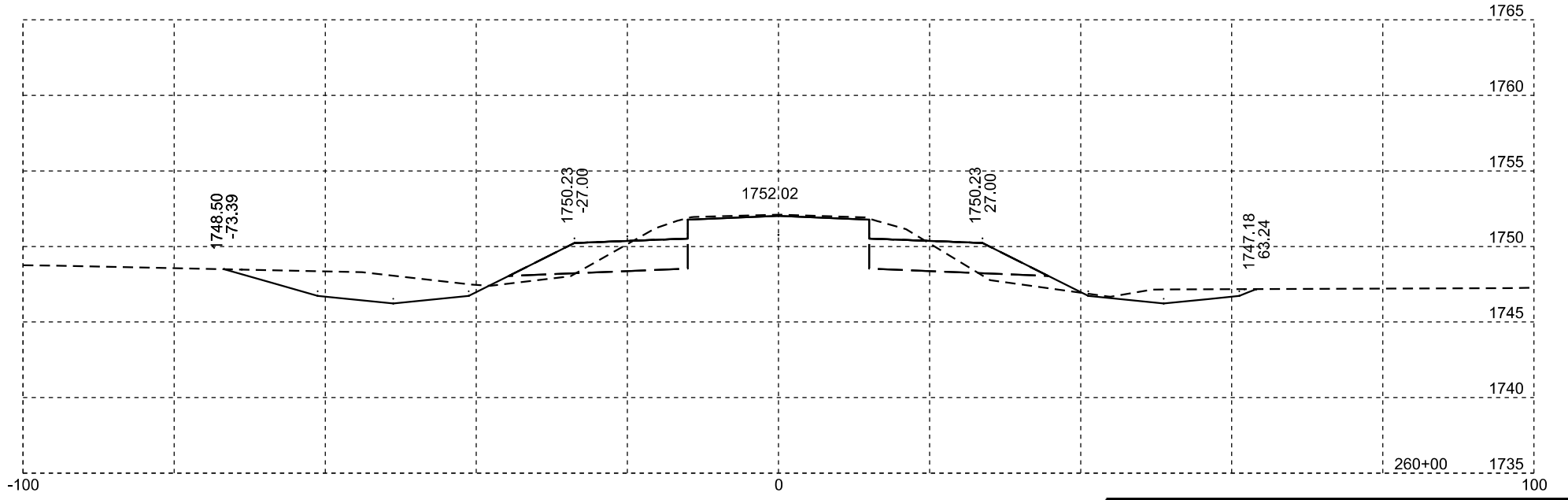
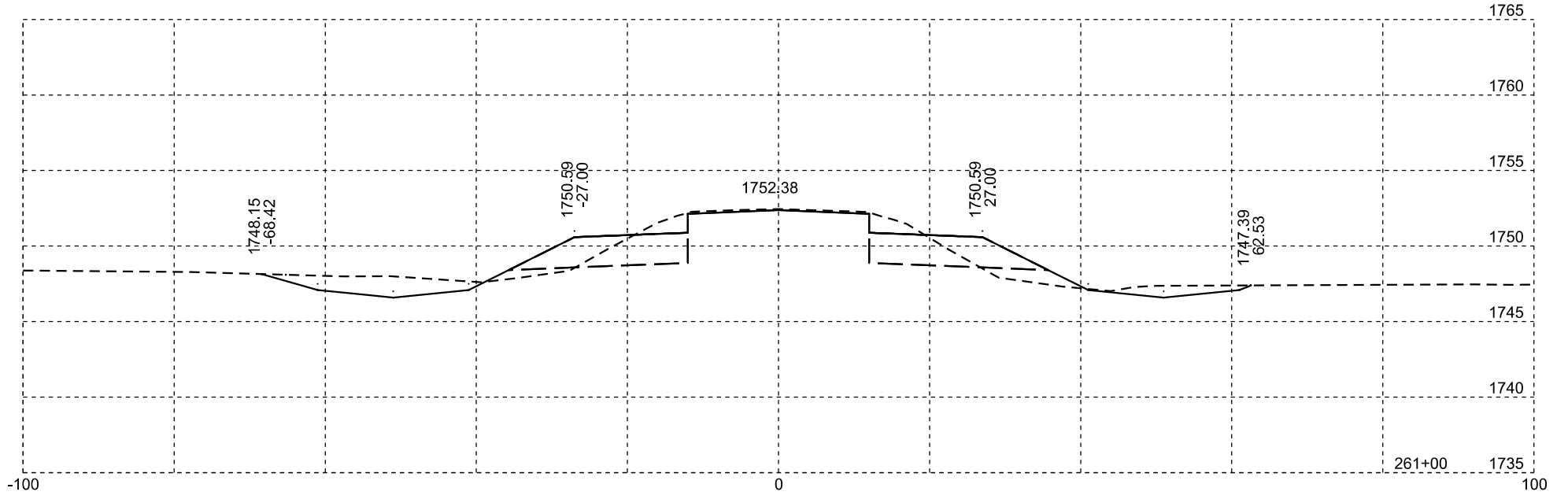
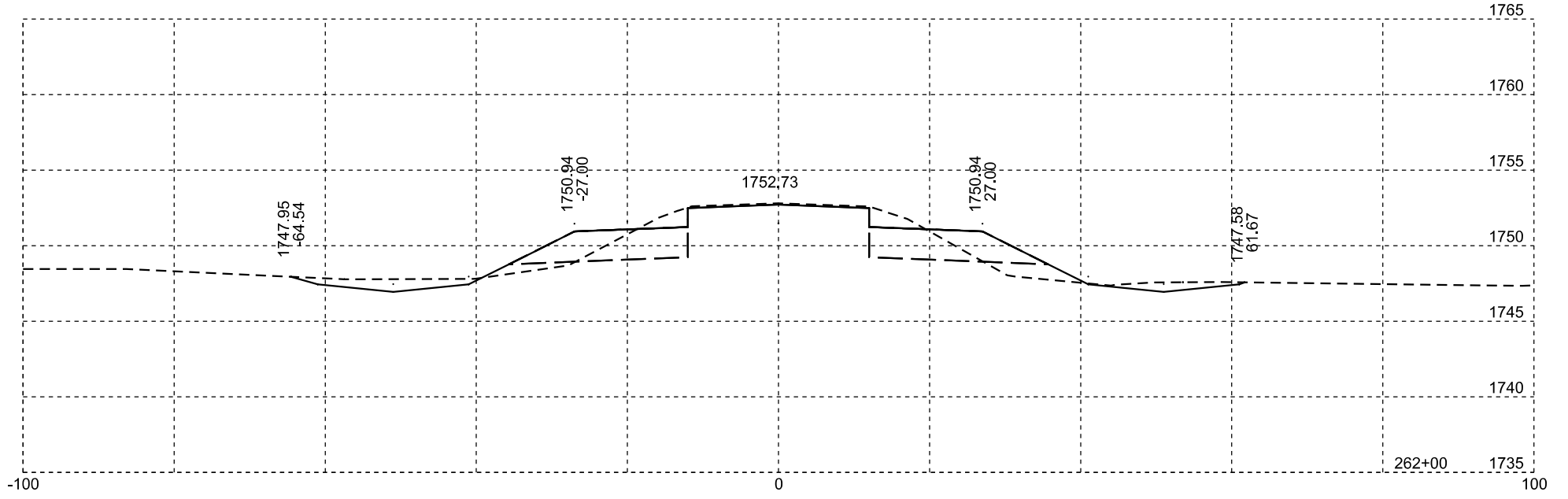
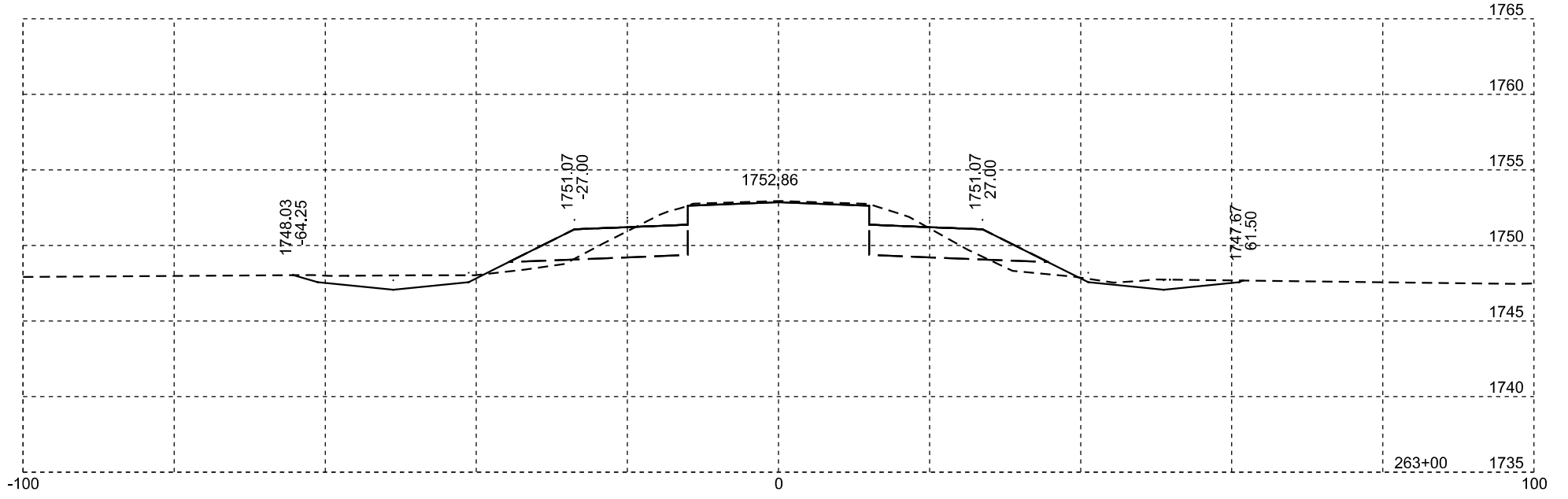
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X30	X110



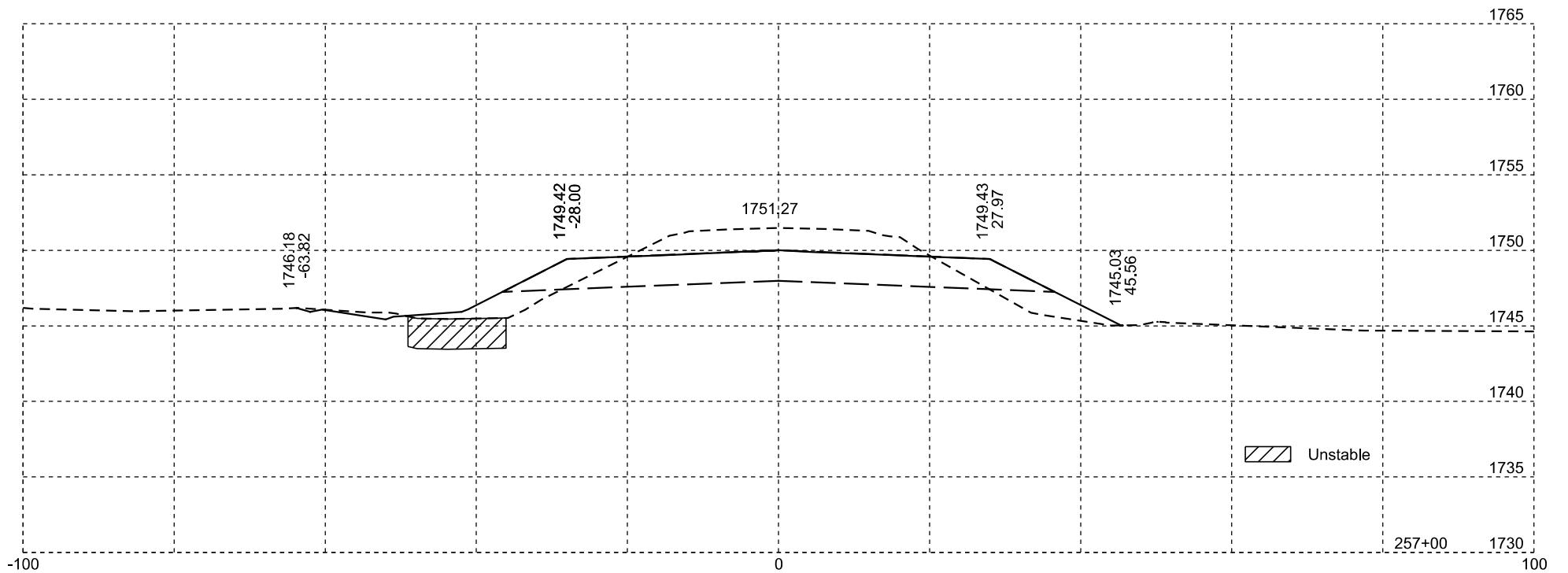
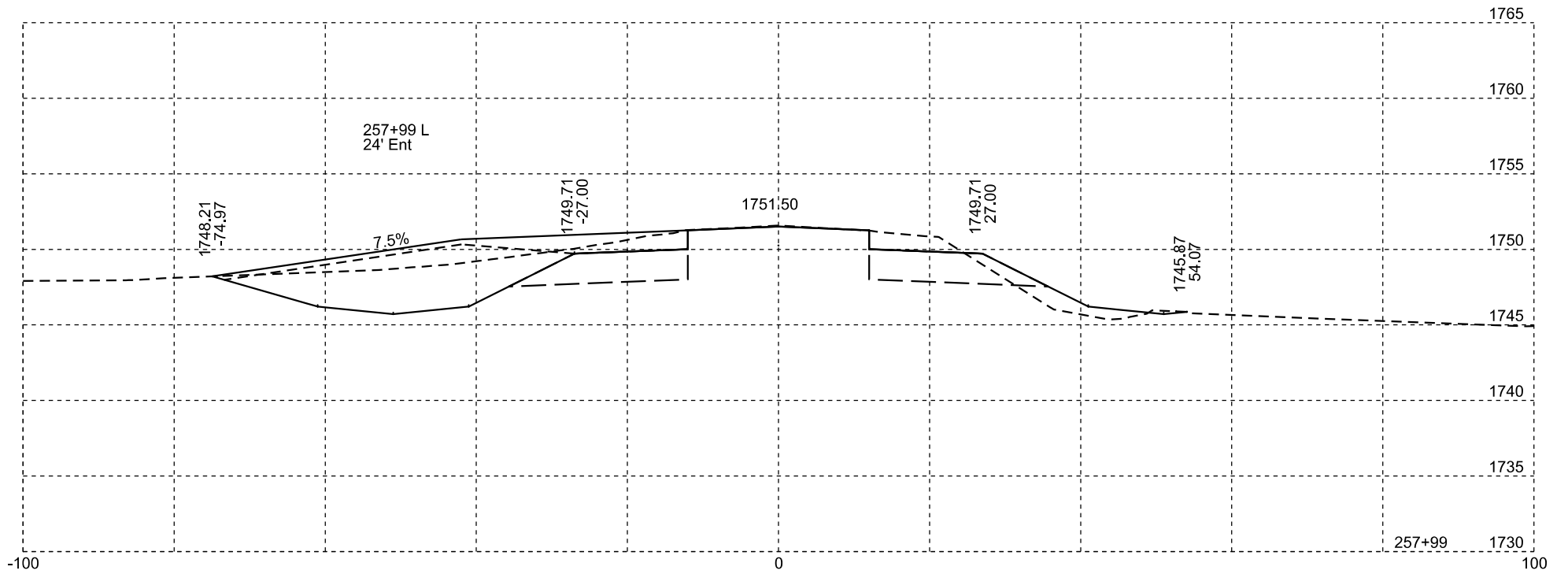
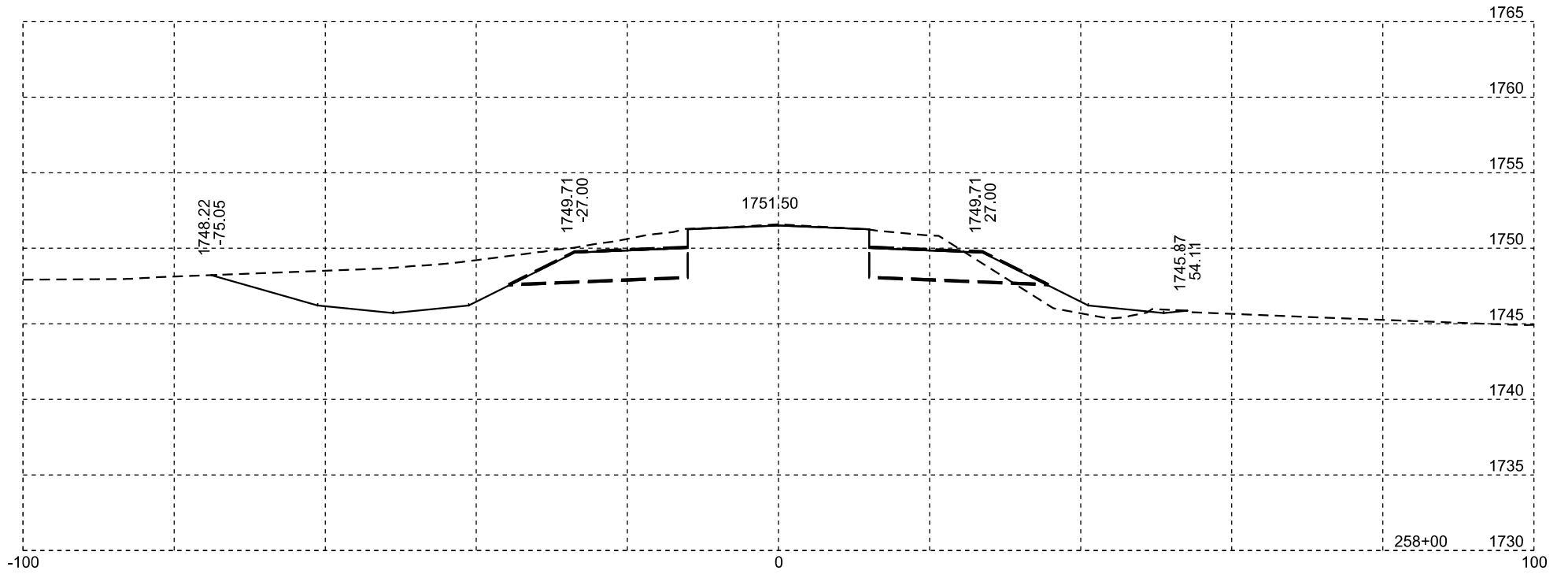
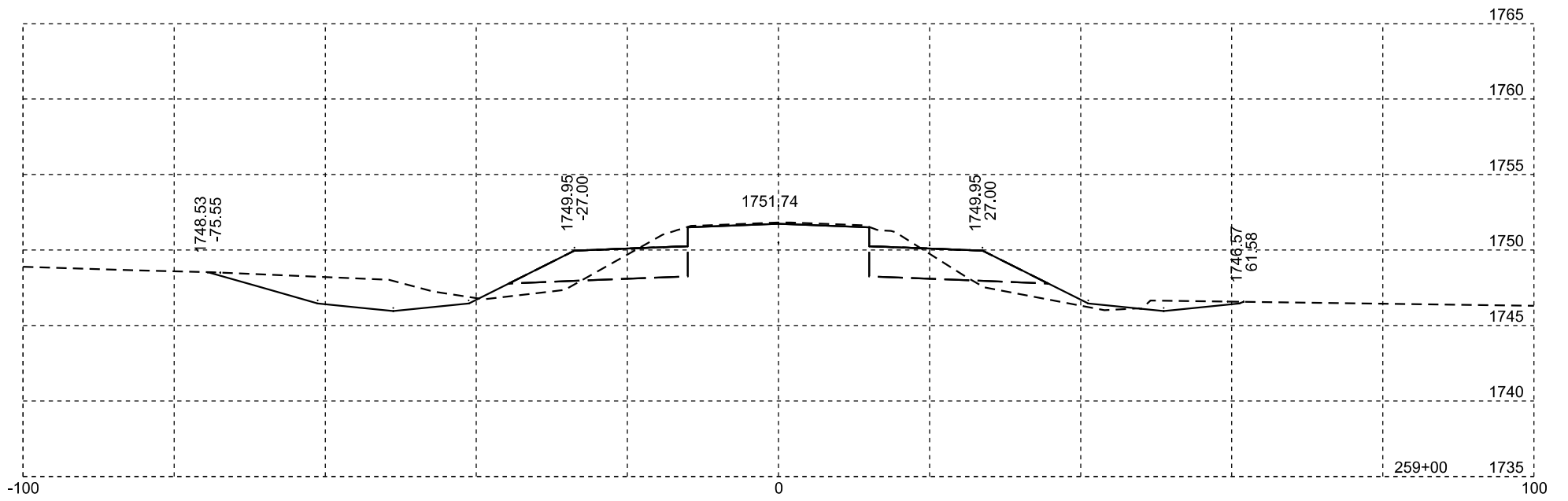
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X31	X110



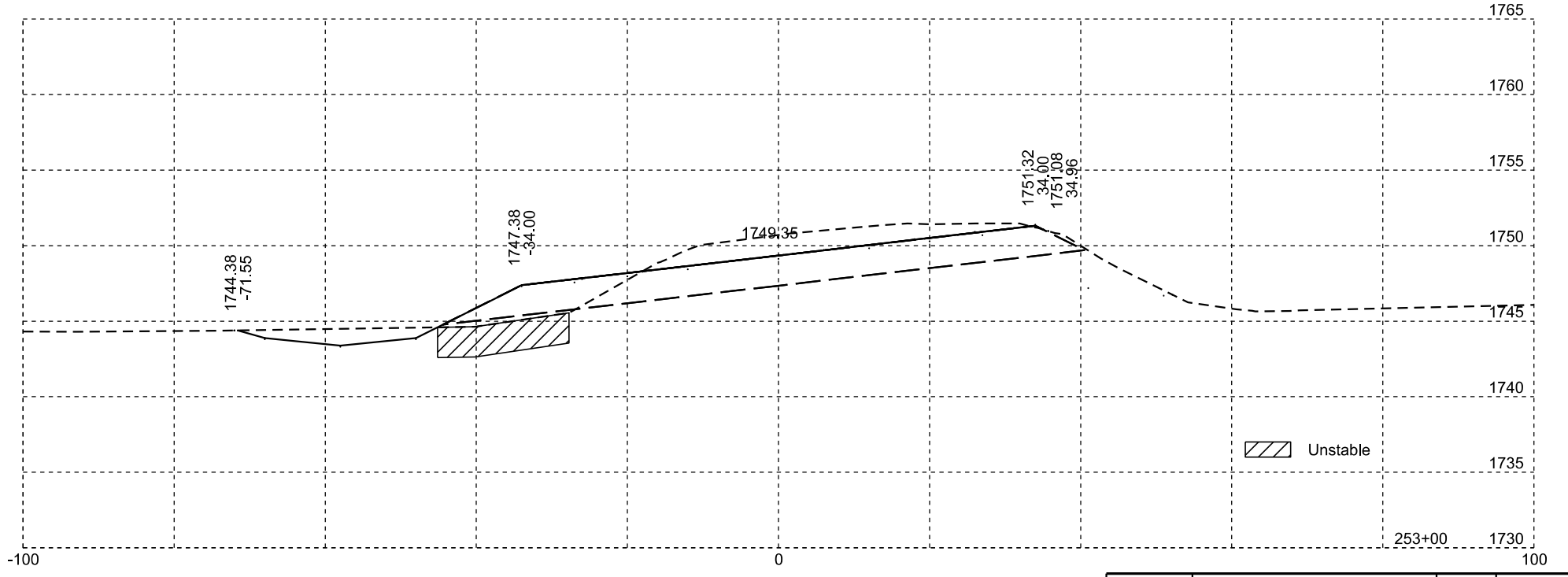
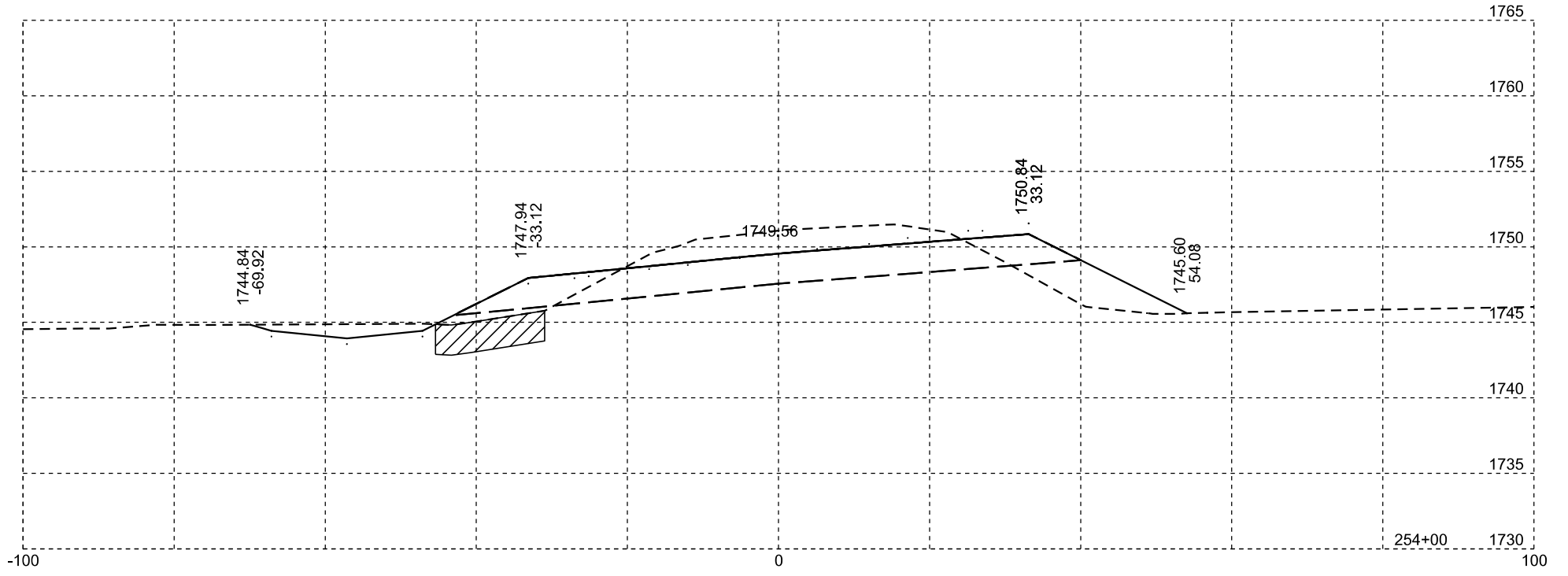
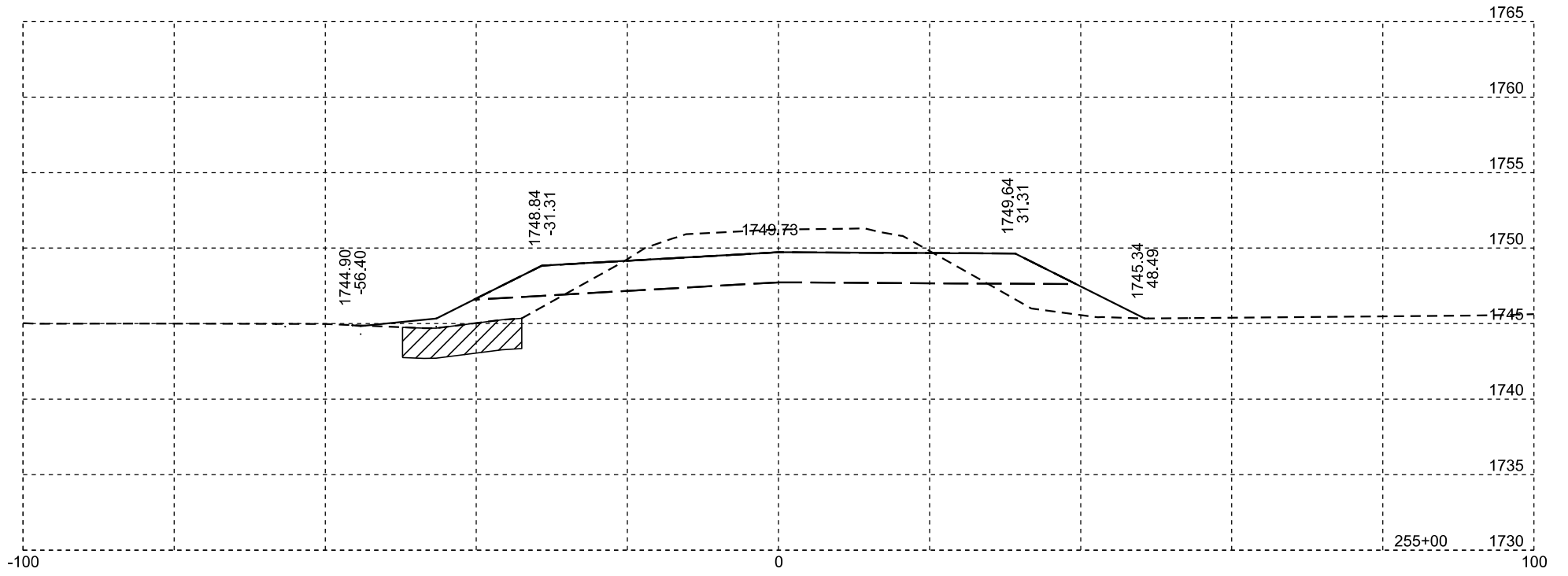
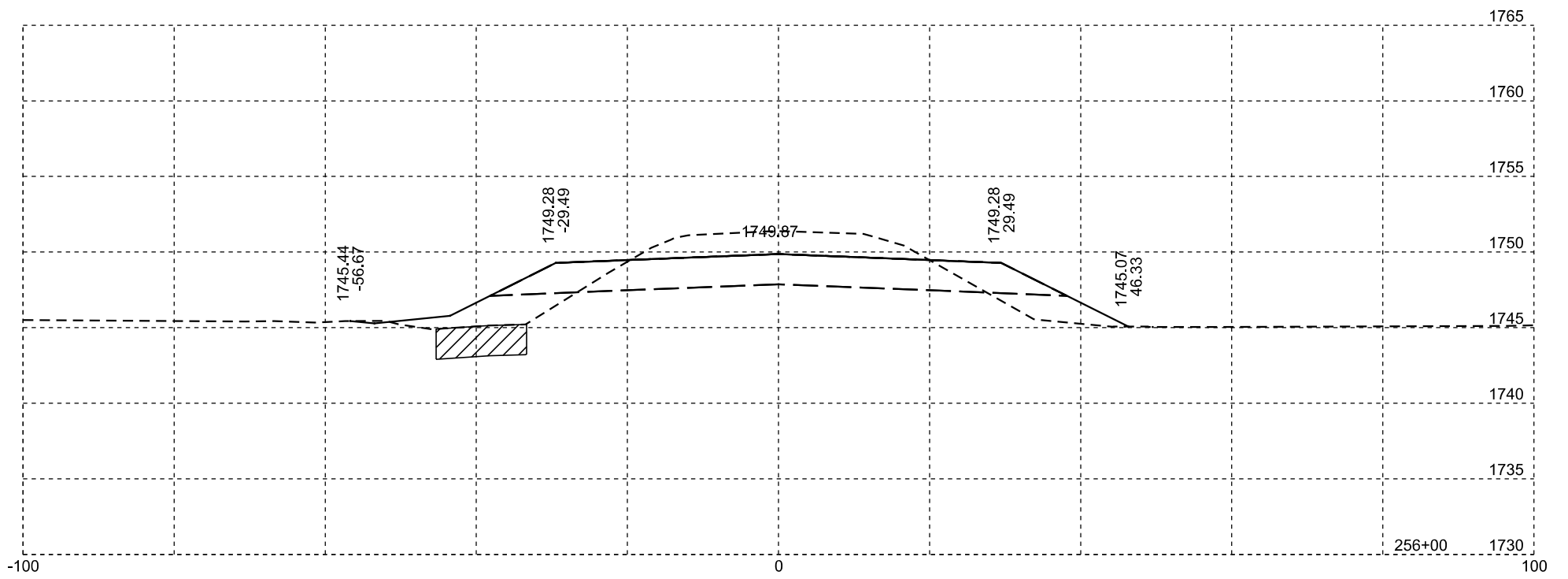
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X32	X110



Plotting Date: 04/15/2024

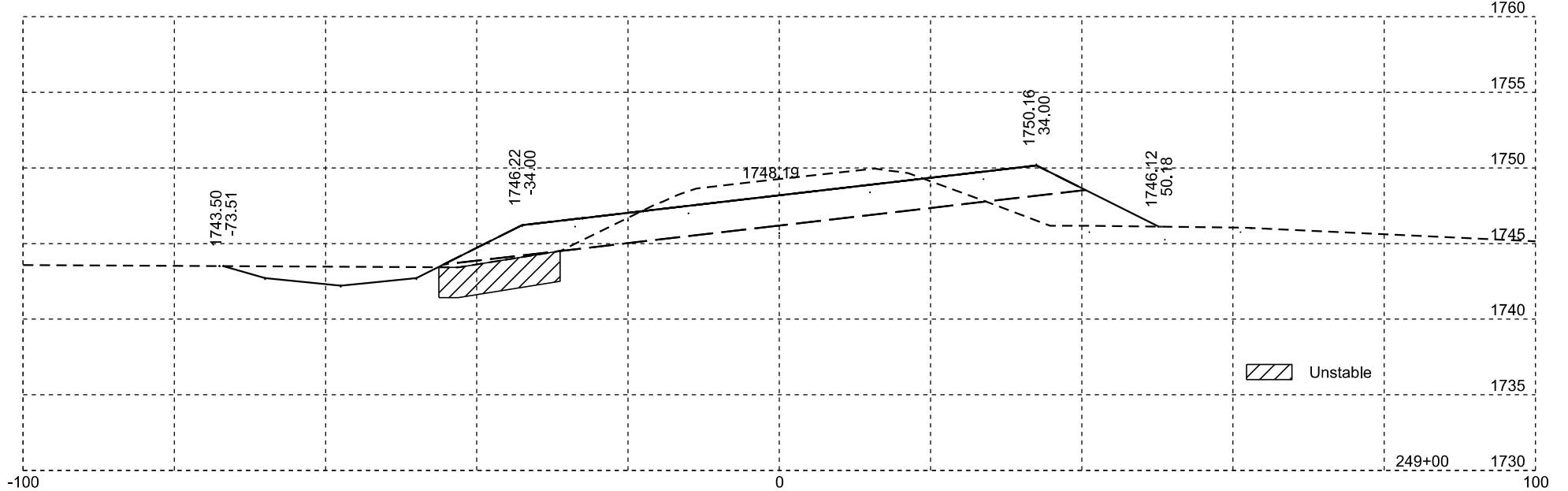
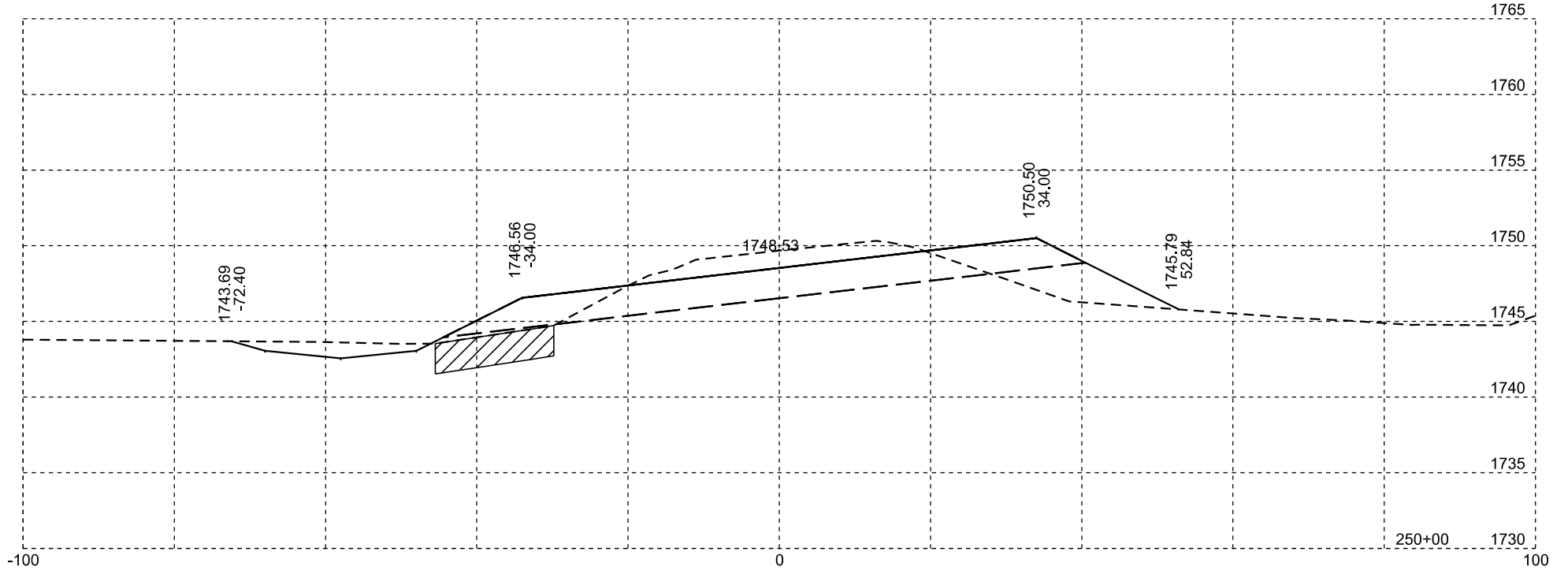
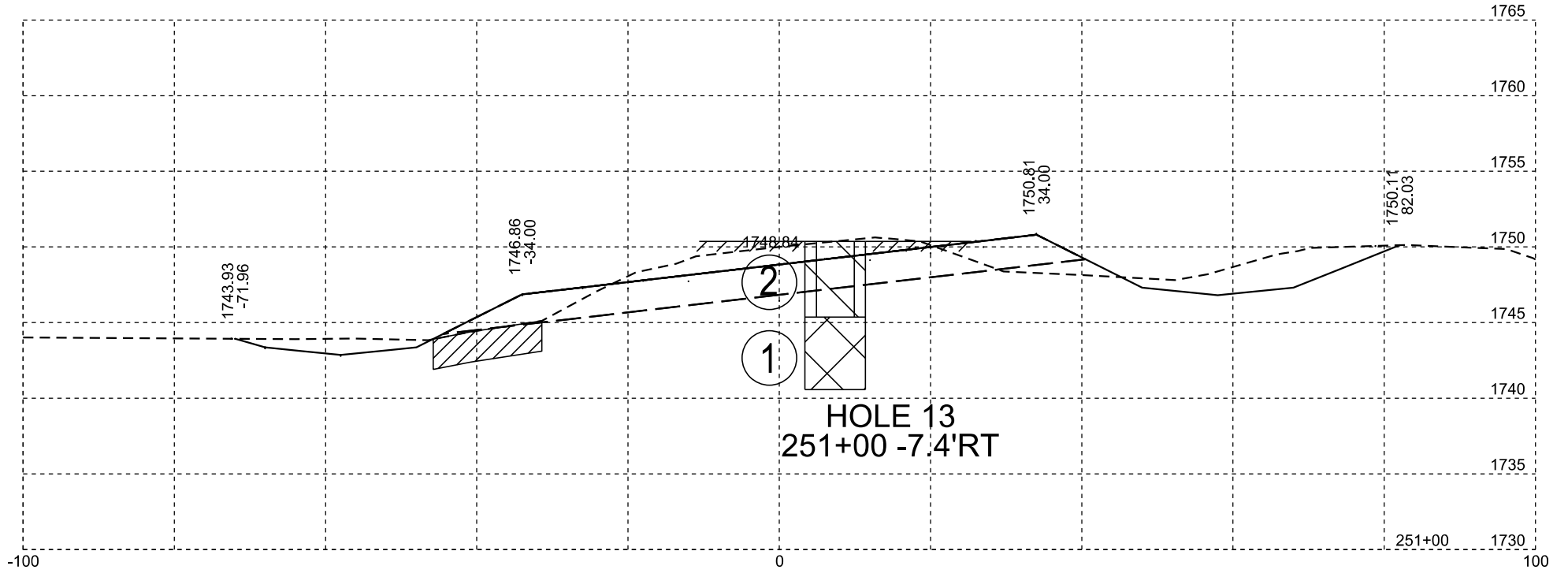
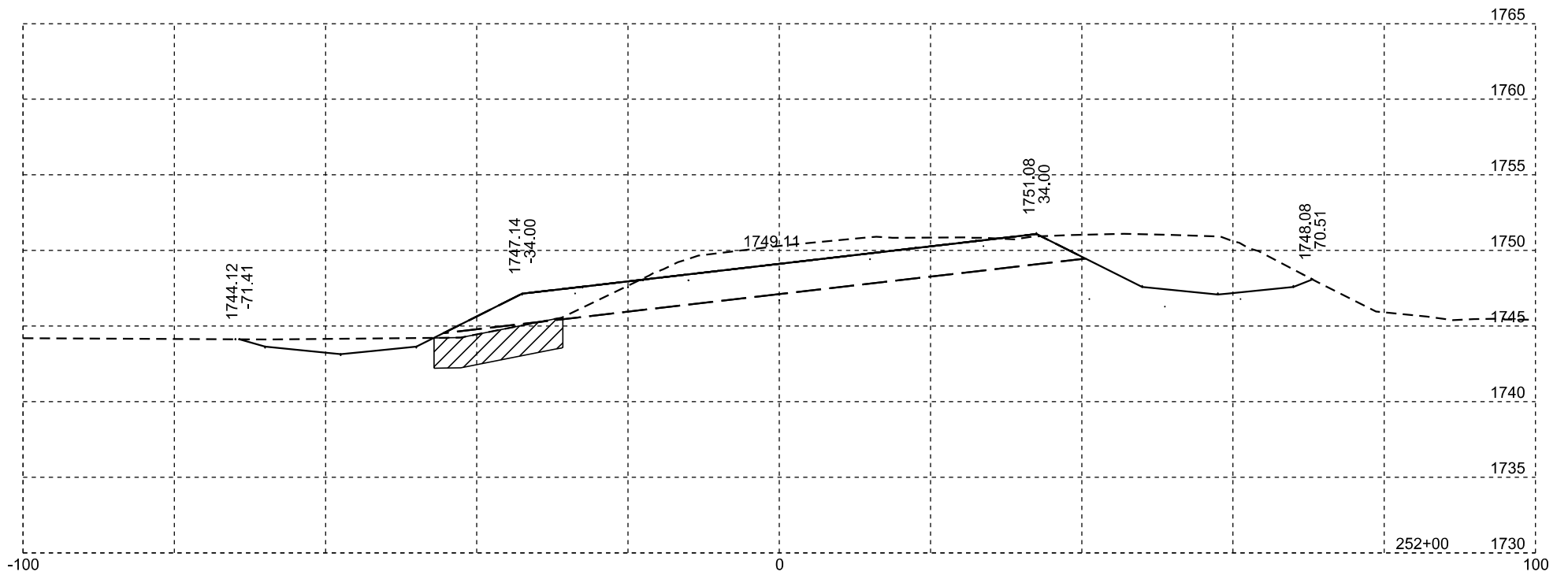
STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X33	X110



Unstable

Plotting Date: 04/15/2024

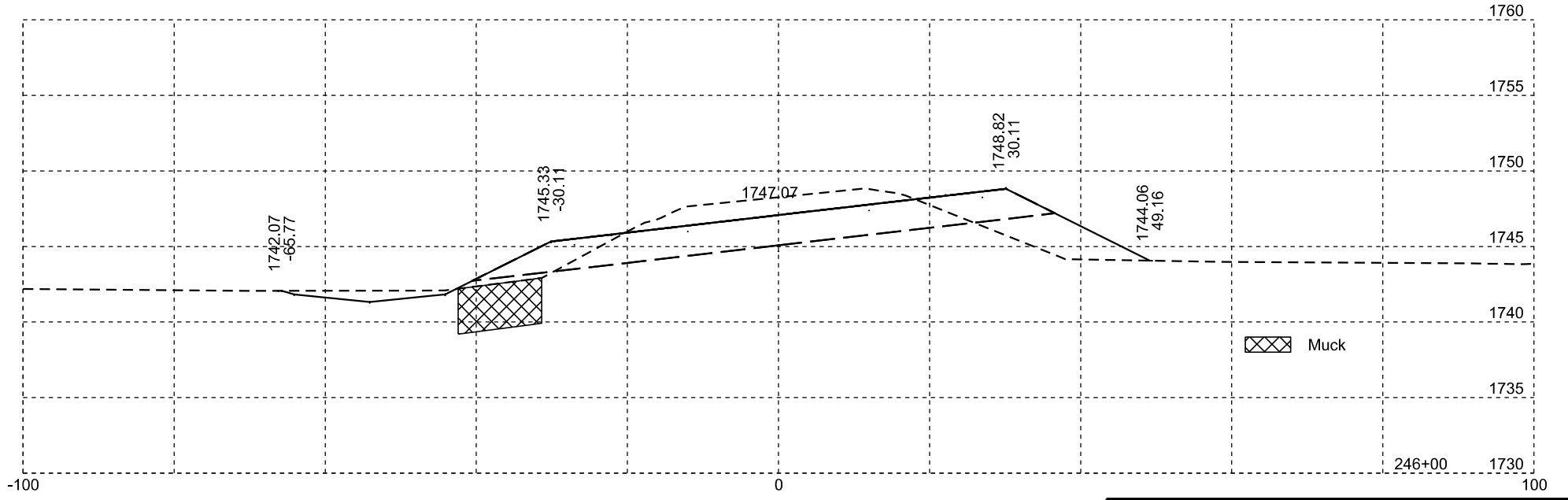
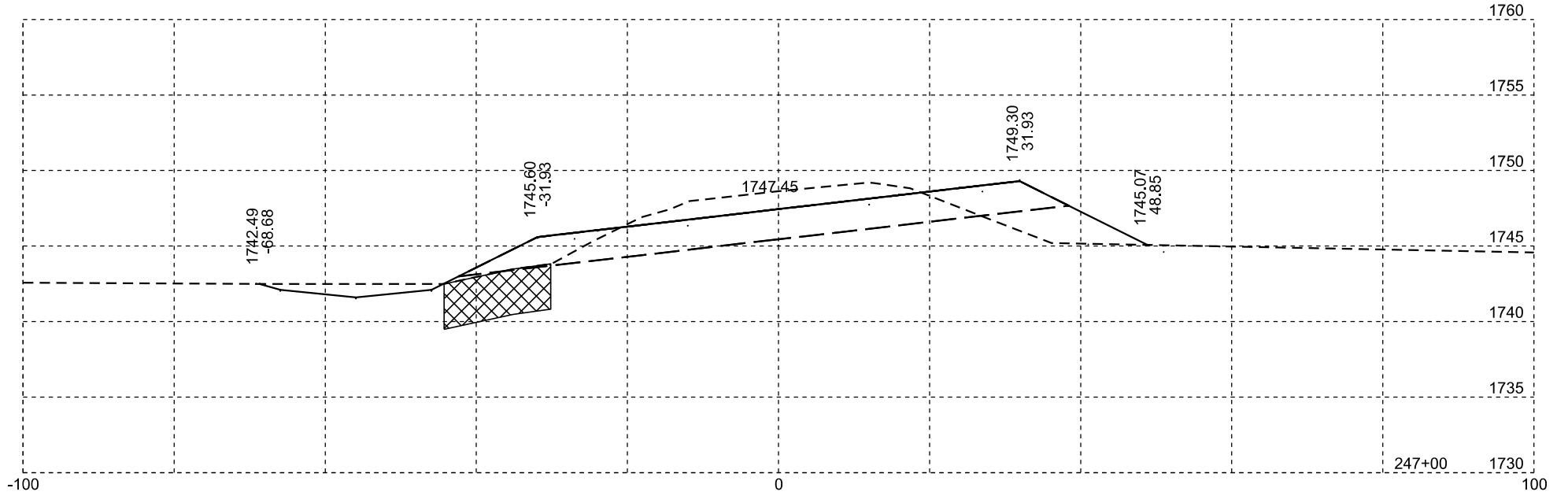
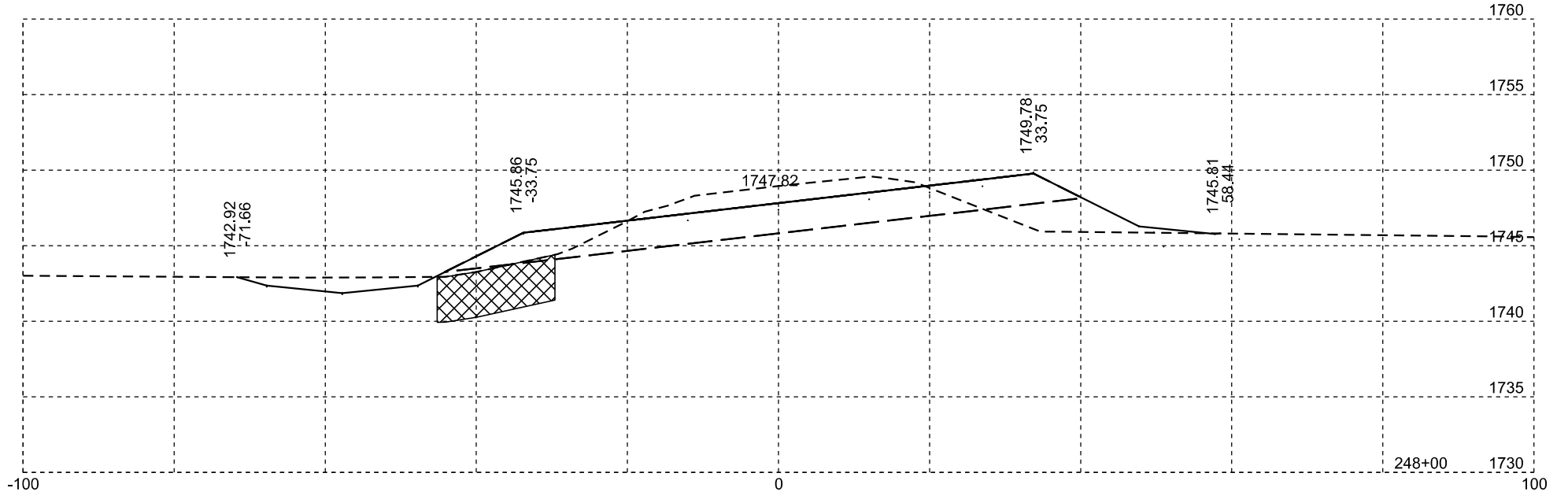
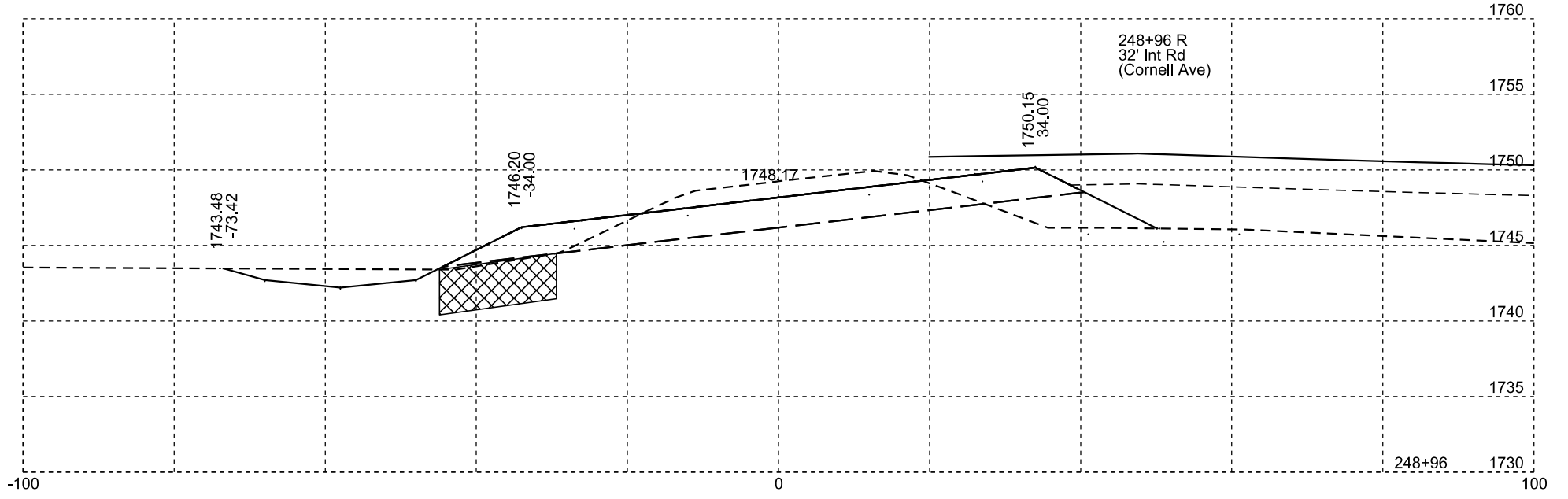
STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X34	X110



Unstable

Plotting Date: 04/15/2024

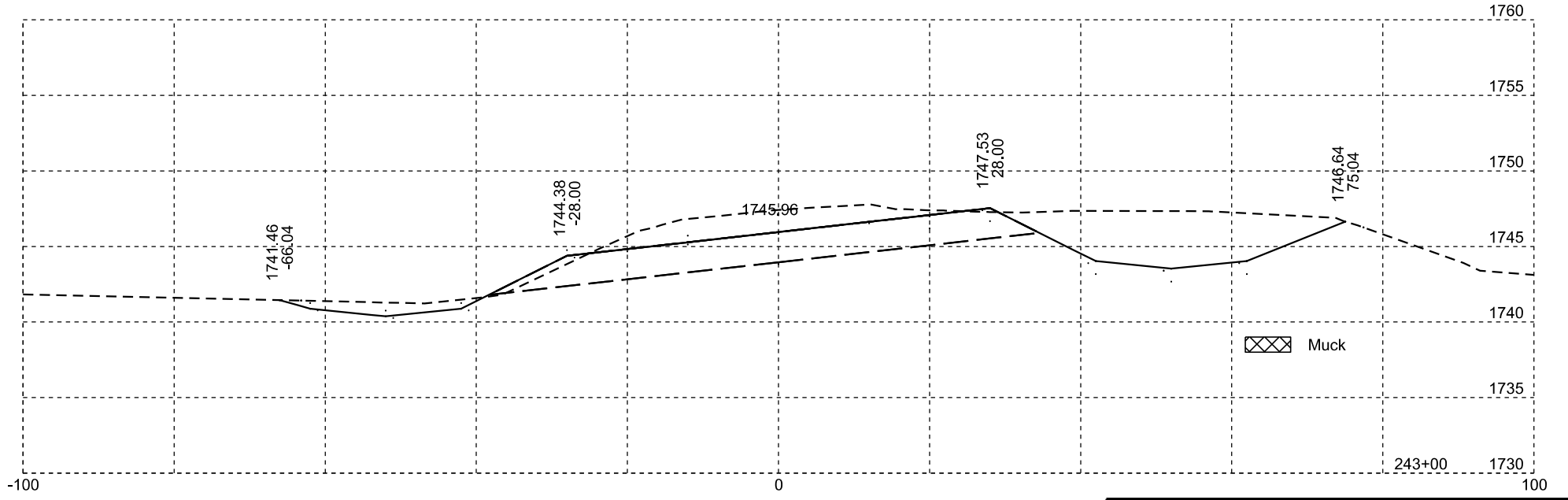
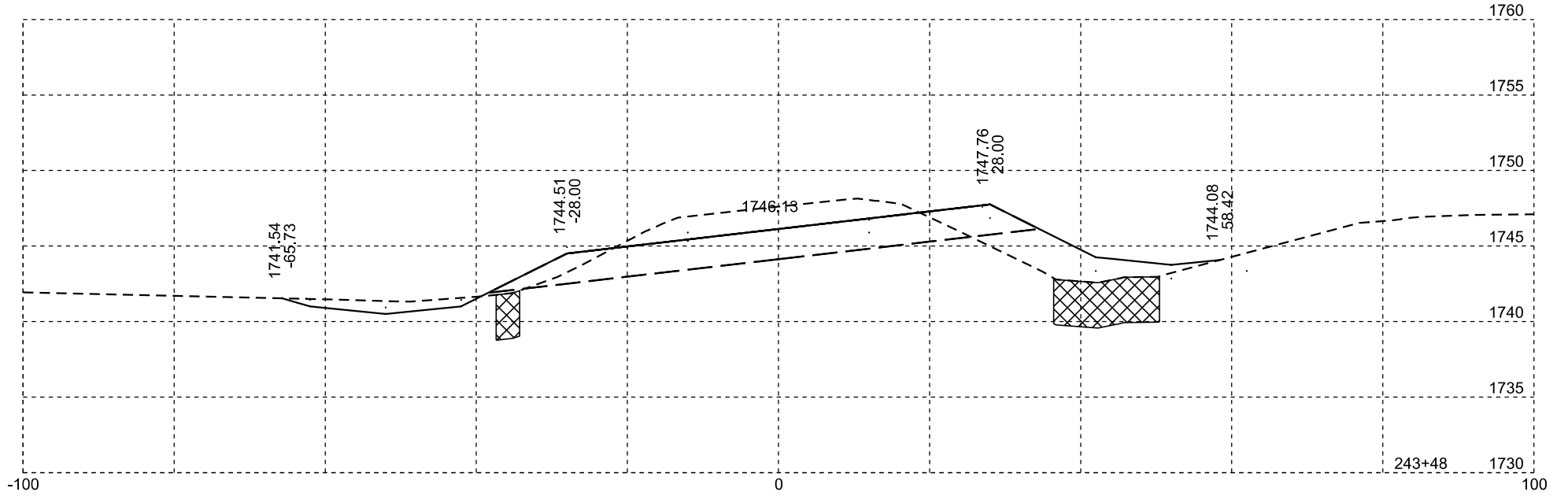
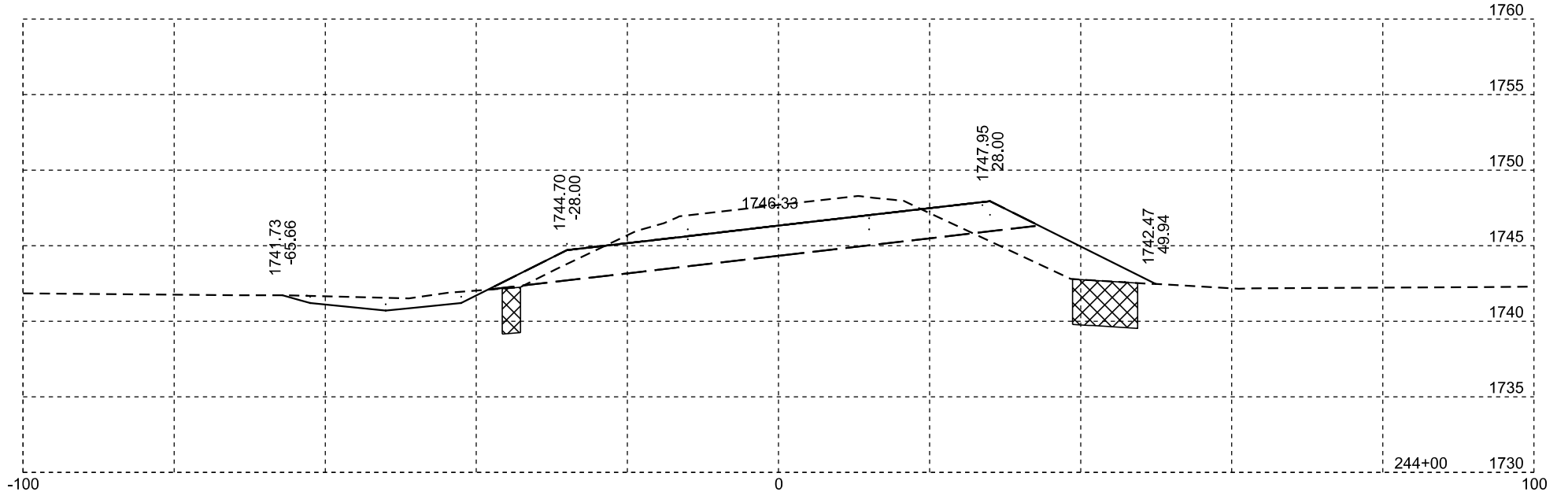
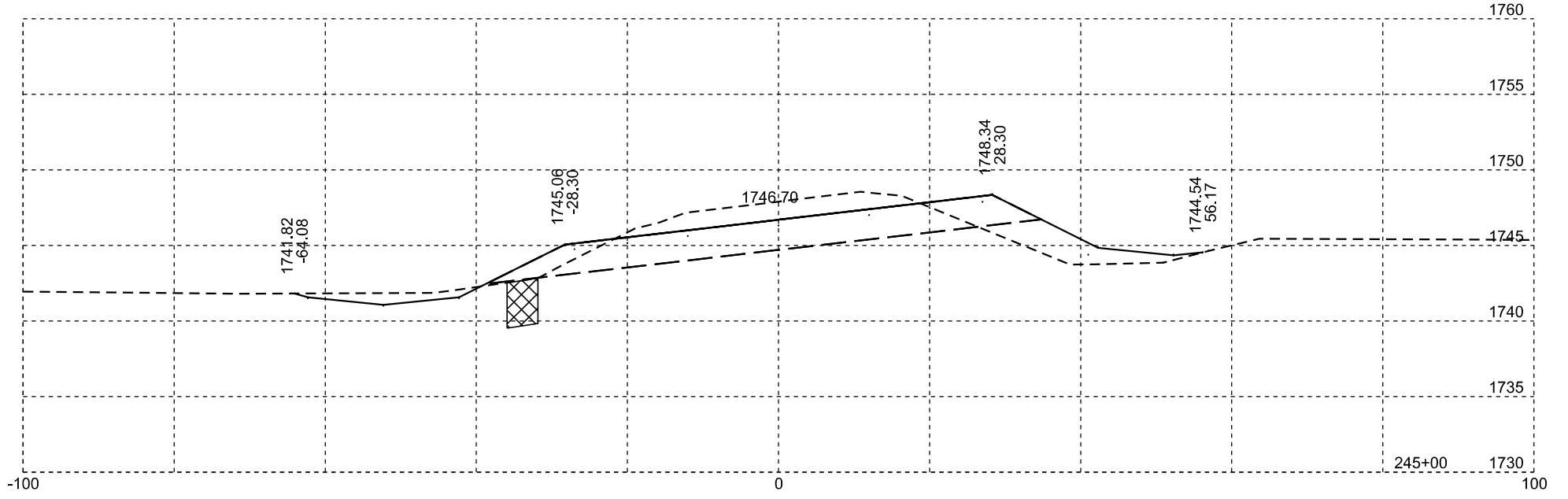
STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X35	X110



⊠ Muck

Plotting Date: 04/15/2024

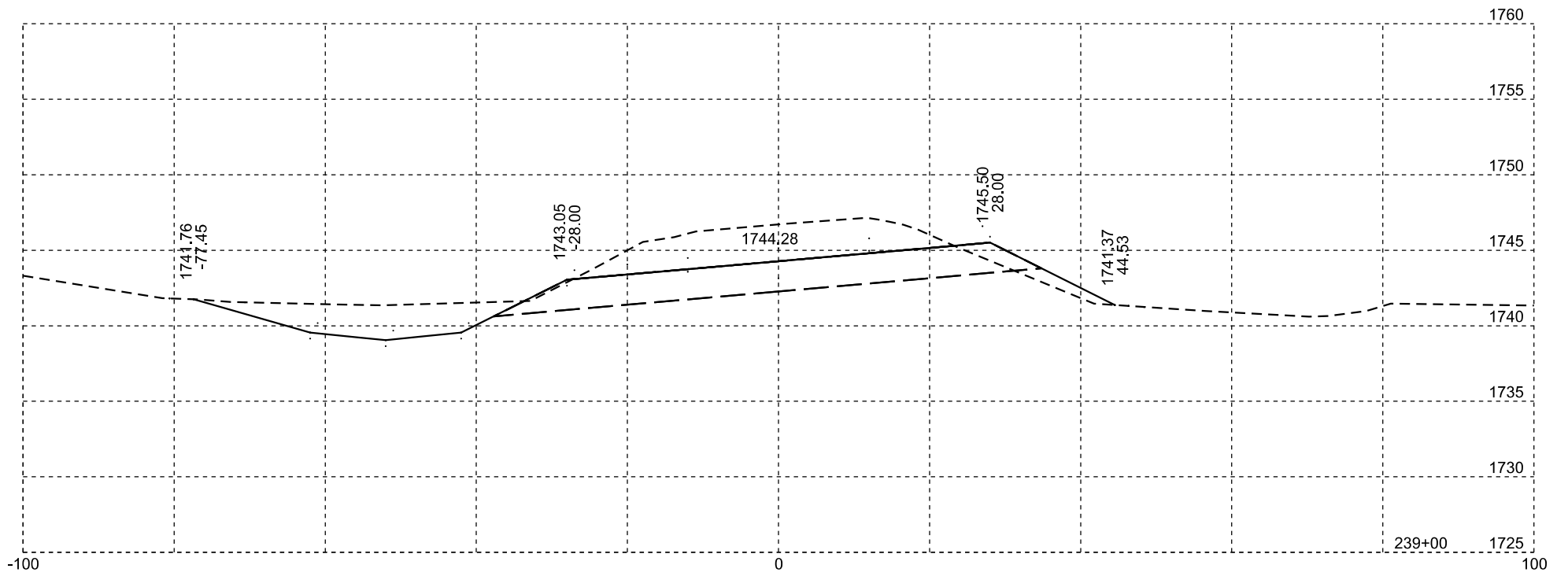
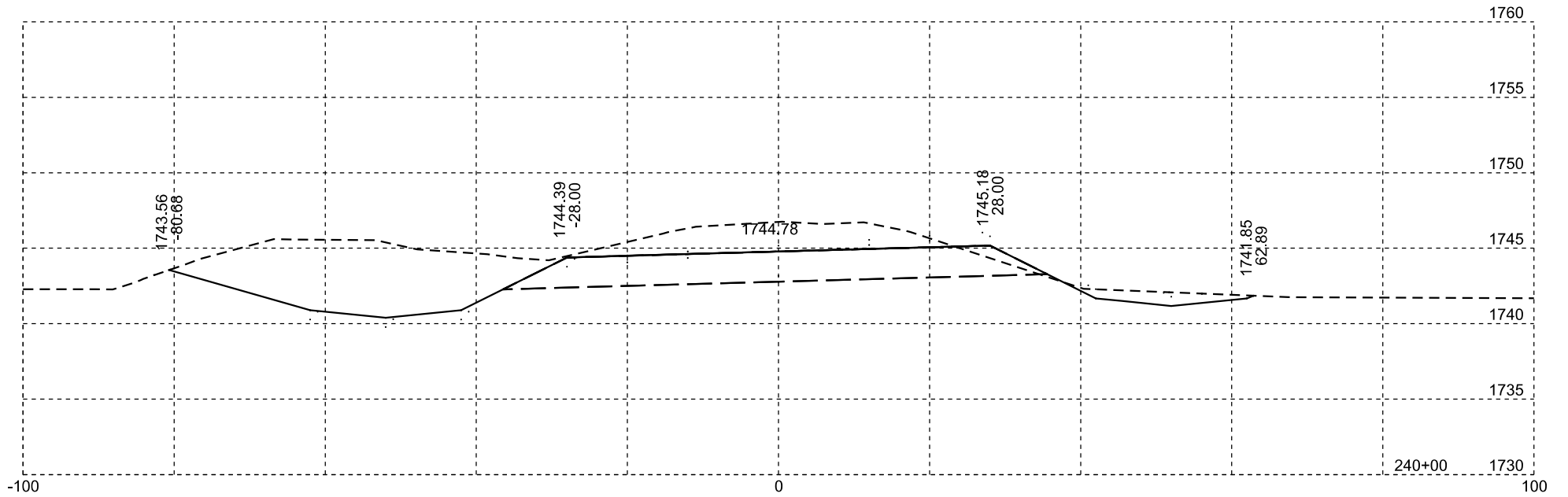
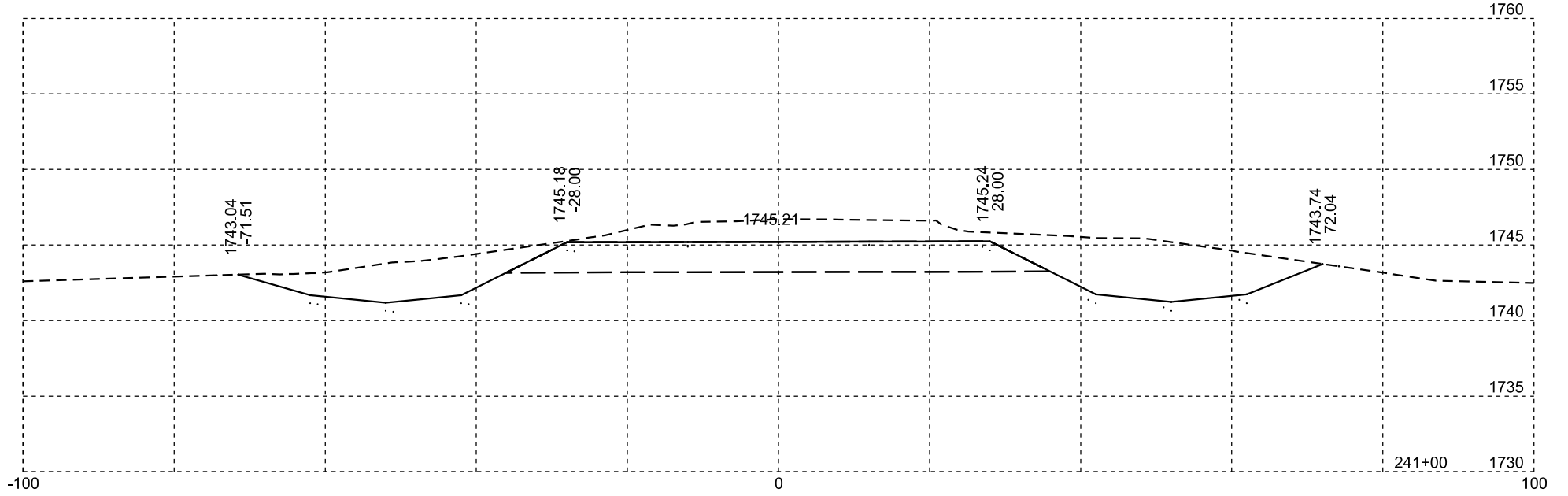
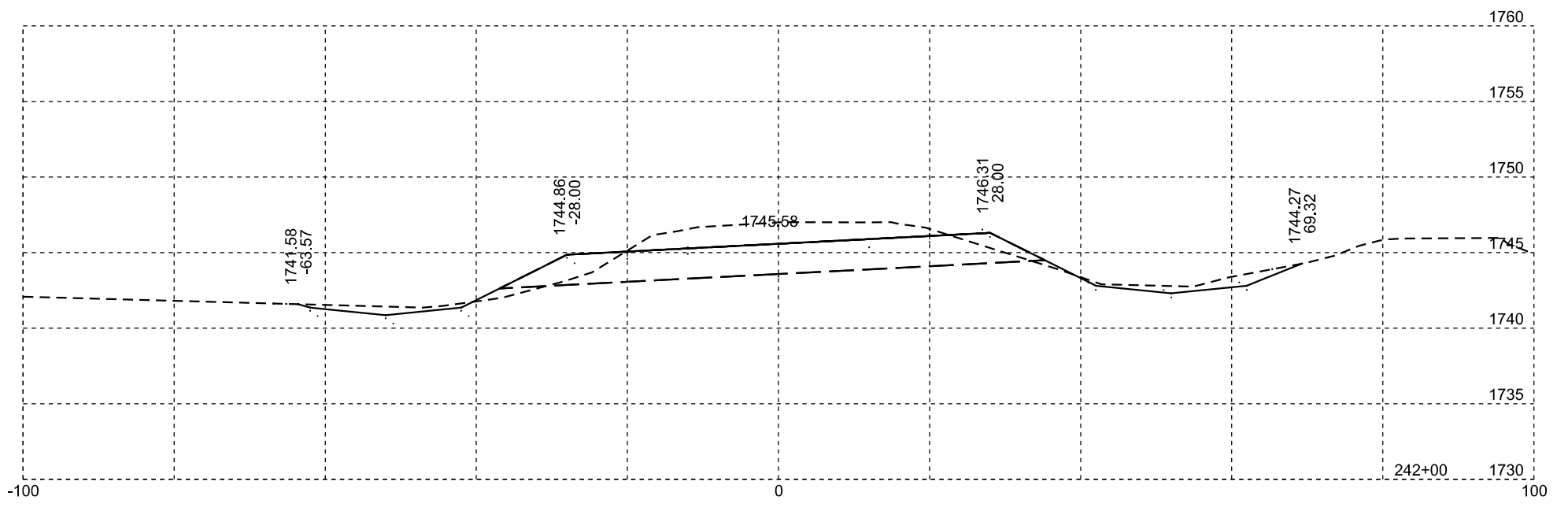
STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X36	X110



⊠ Muck

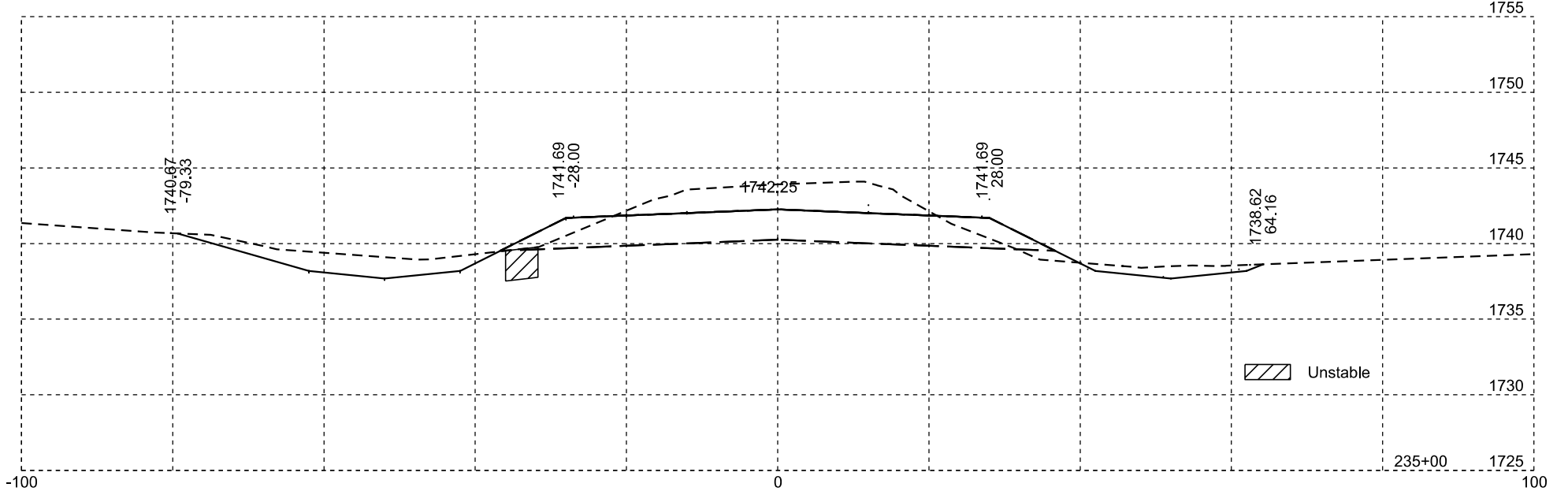
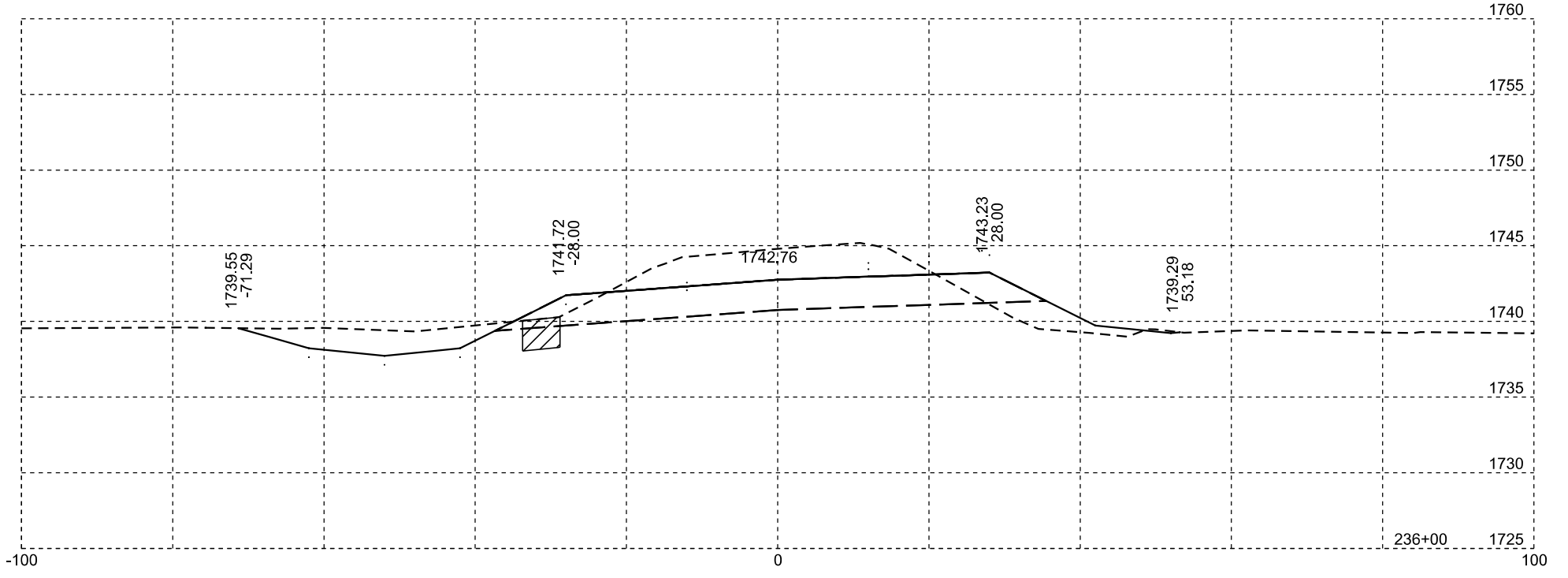
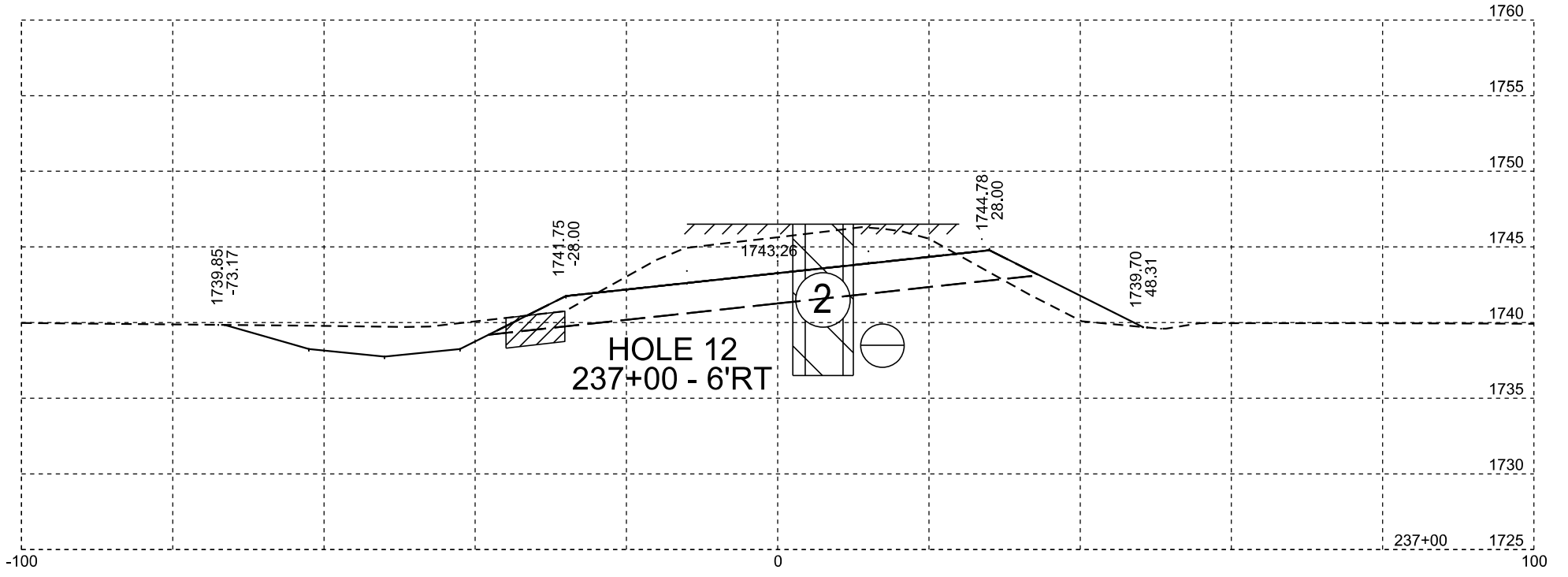
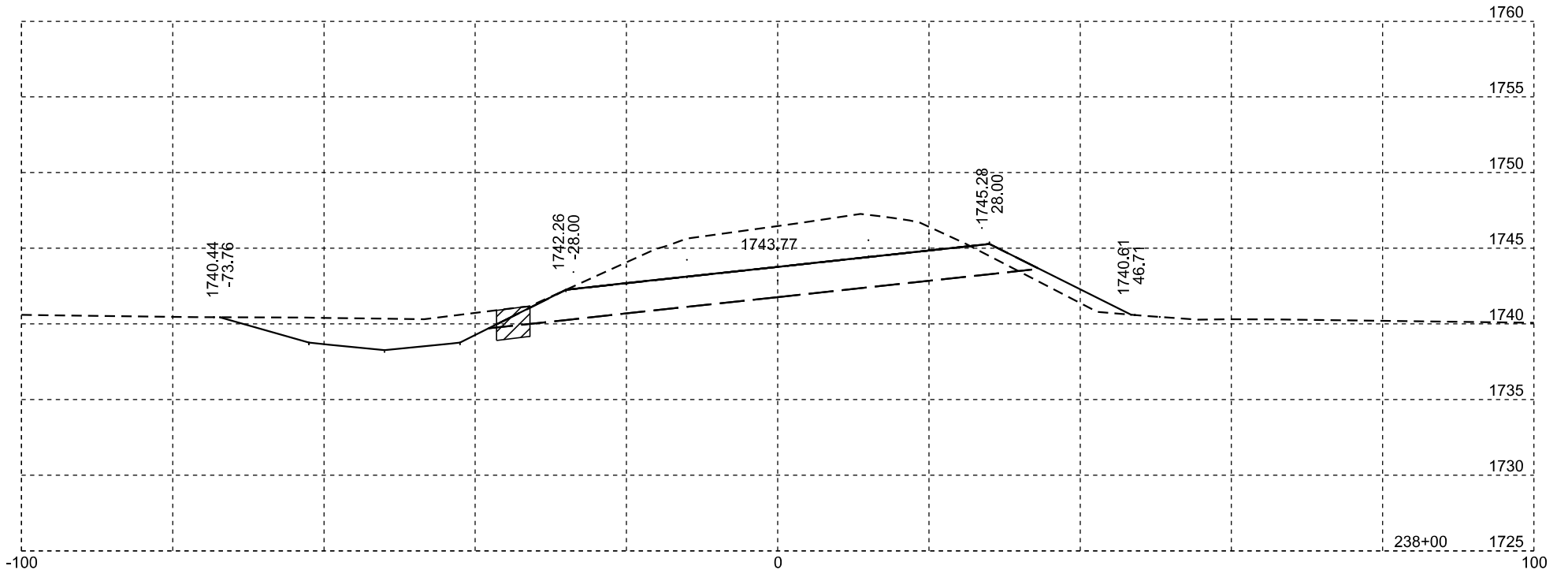
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X37	X110



Plotting Date: 04/15/2024

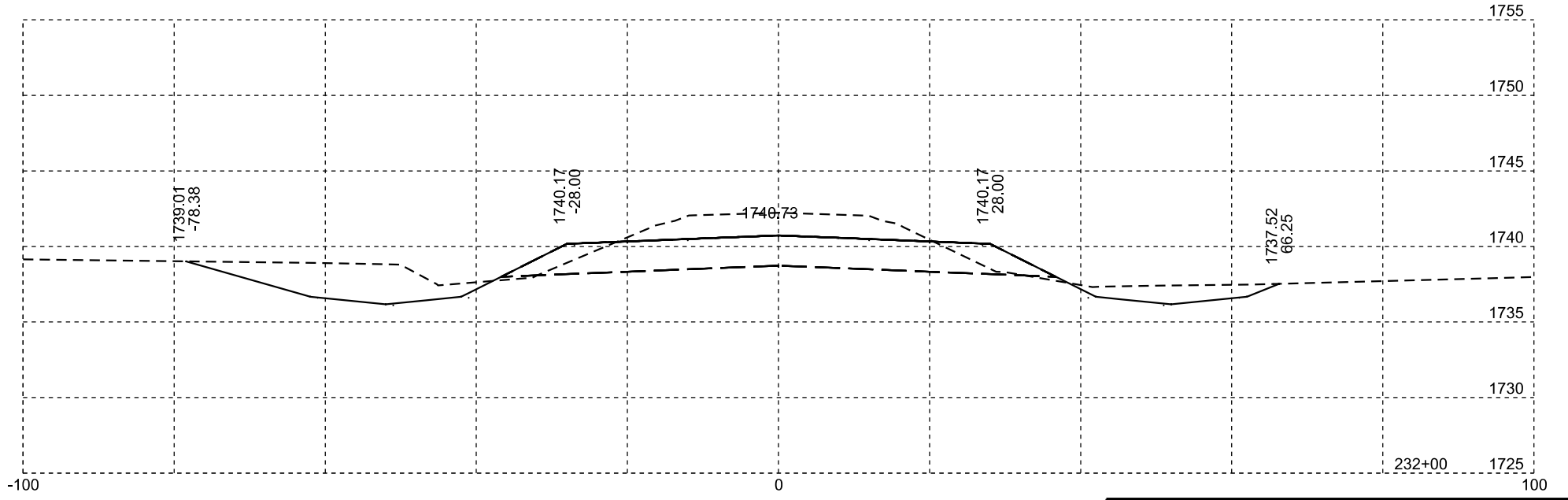
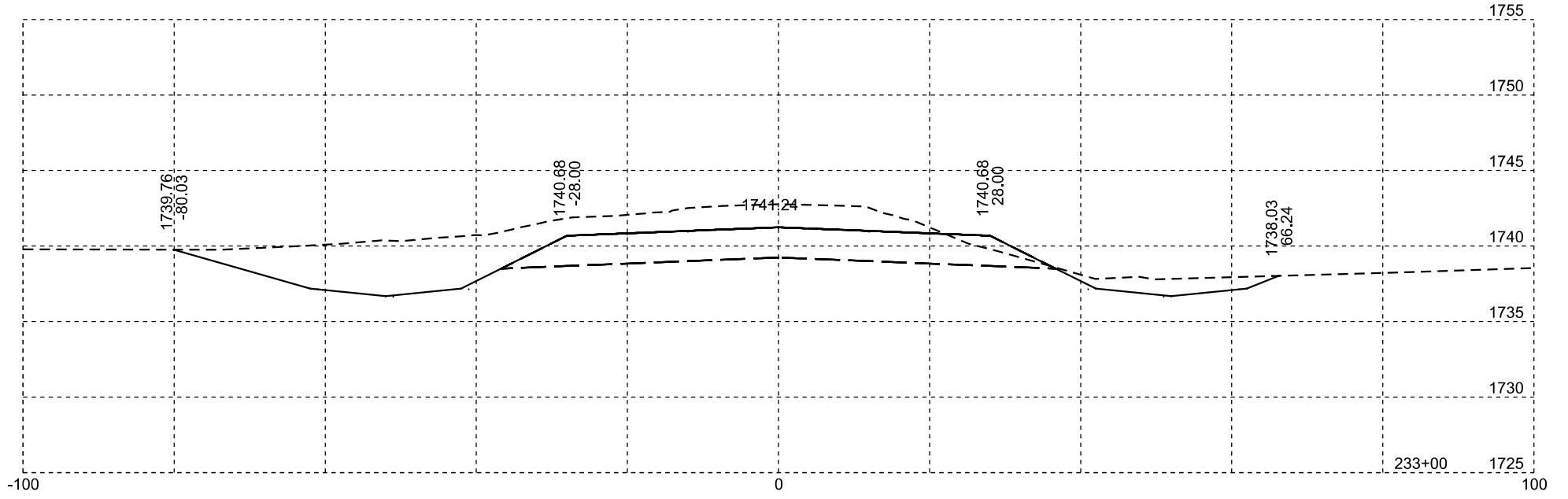
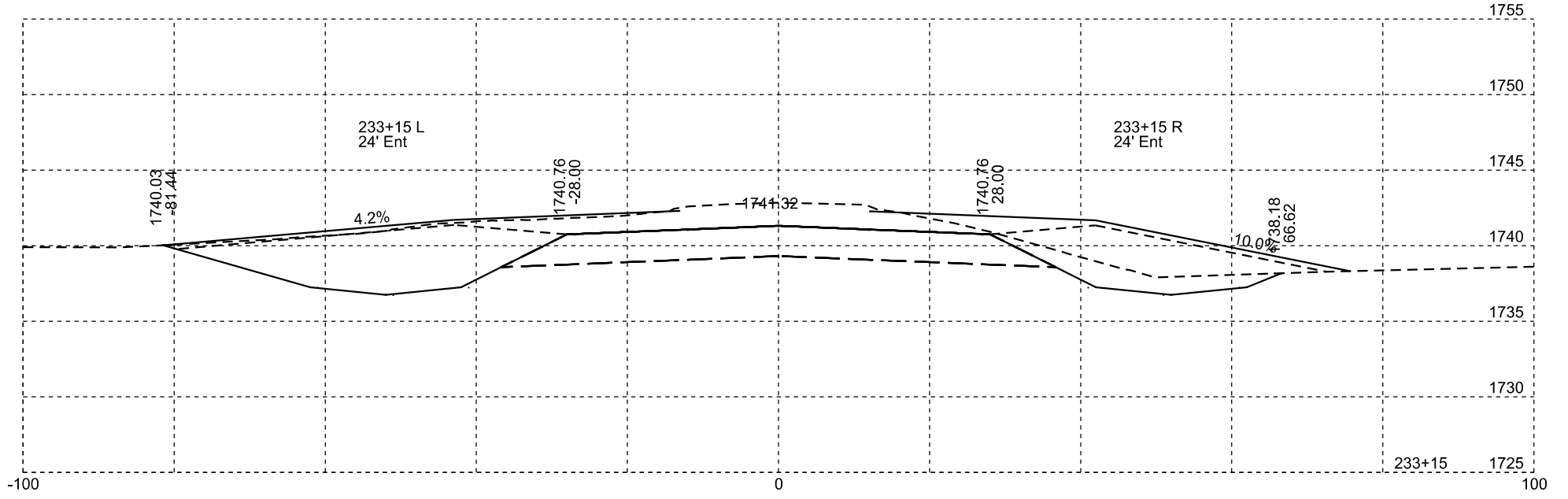
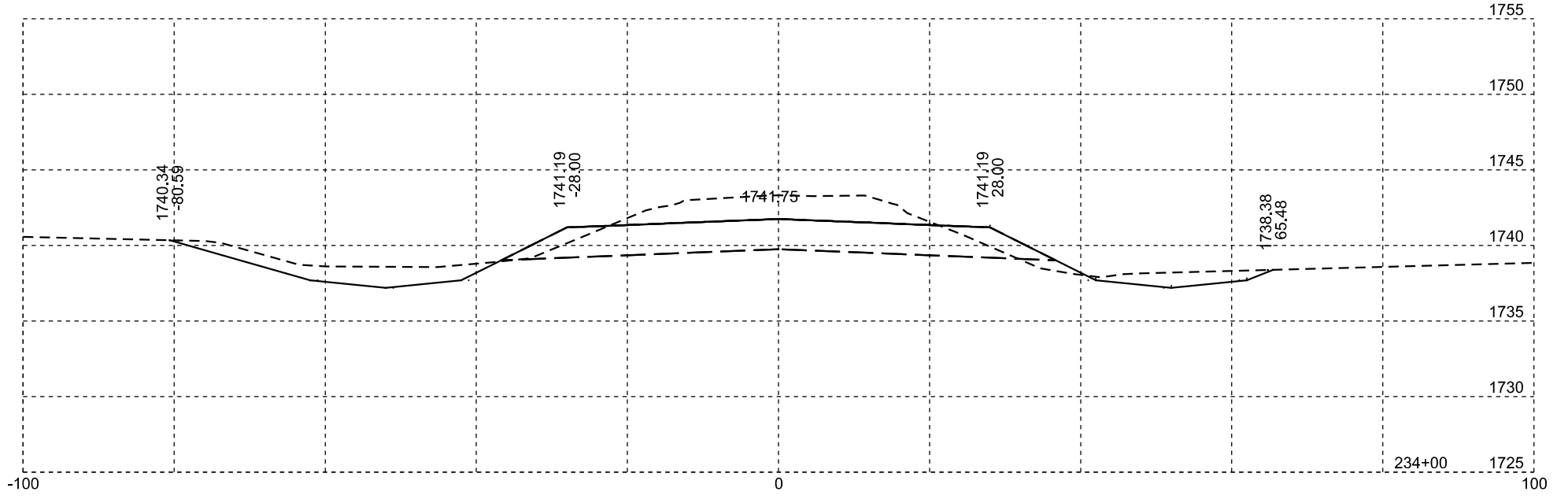
STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X38	X110



Unstable

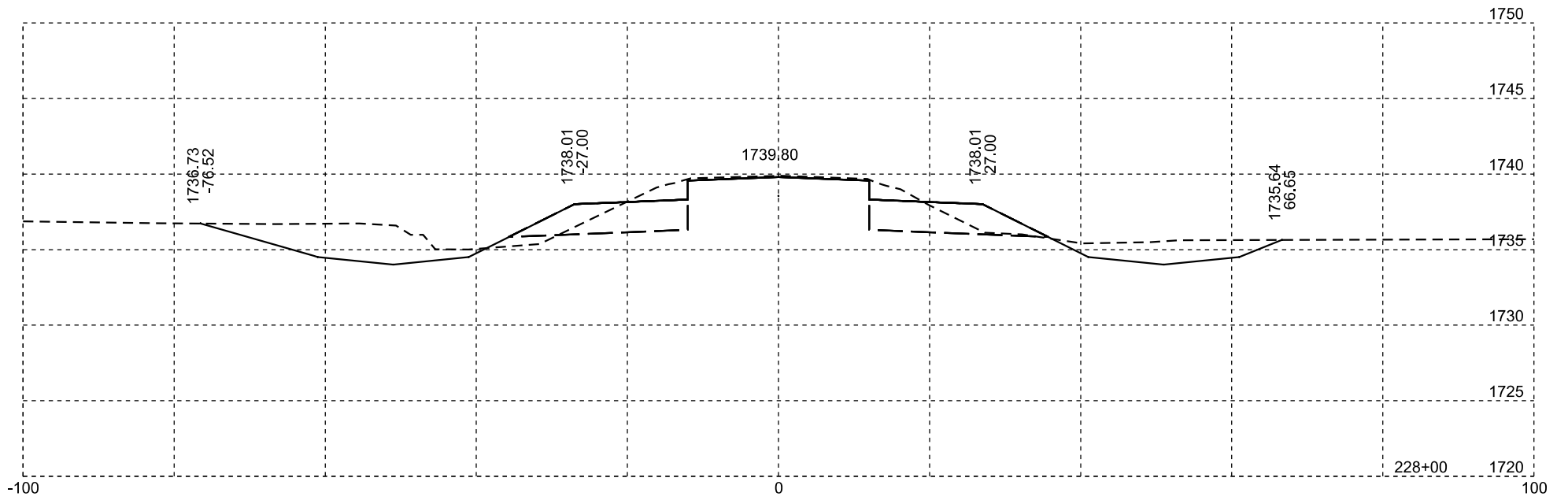
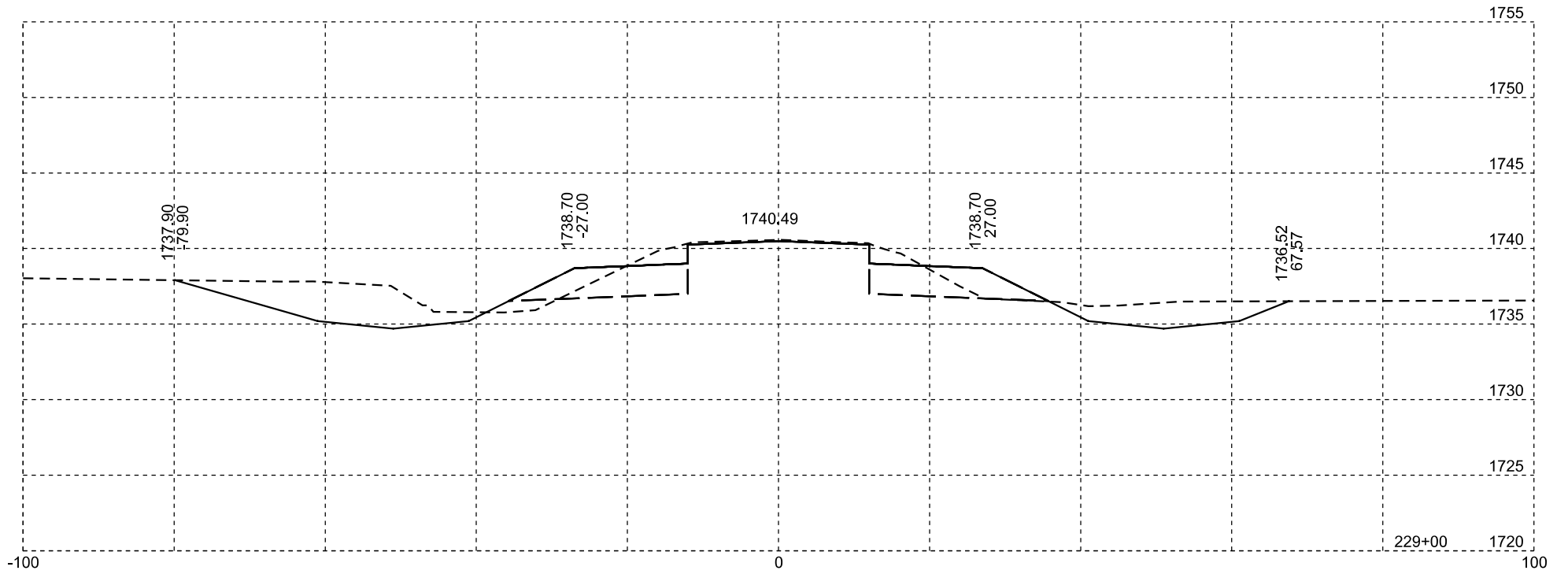
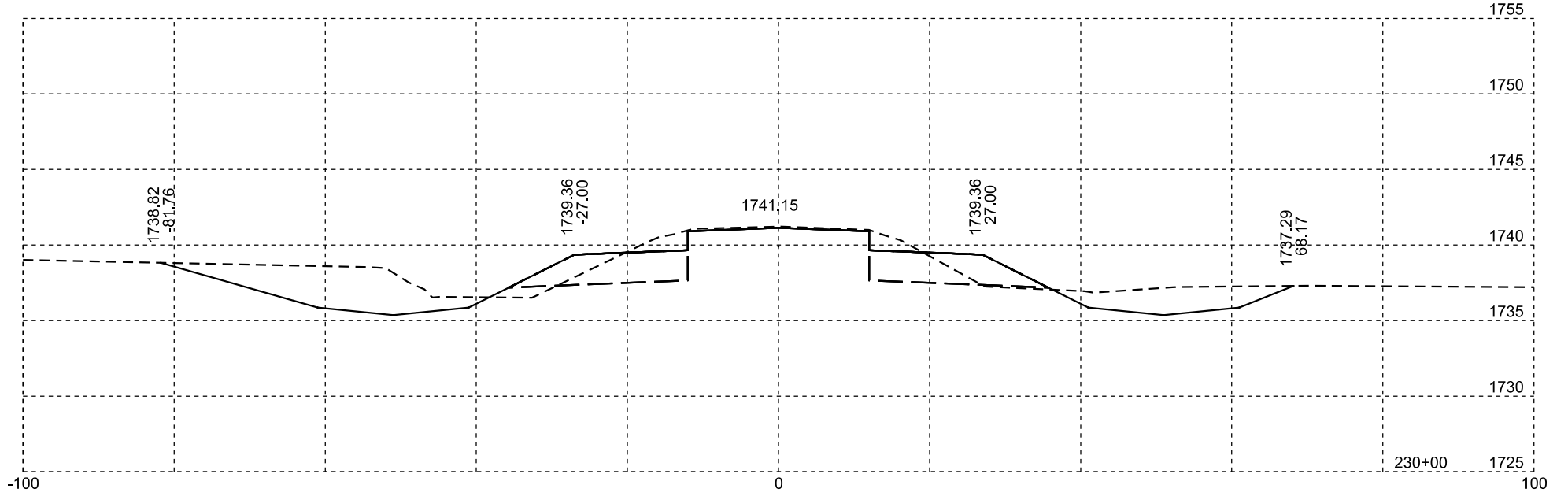
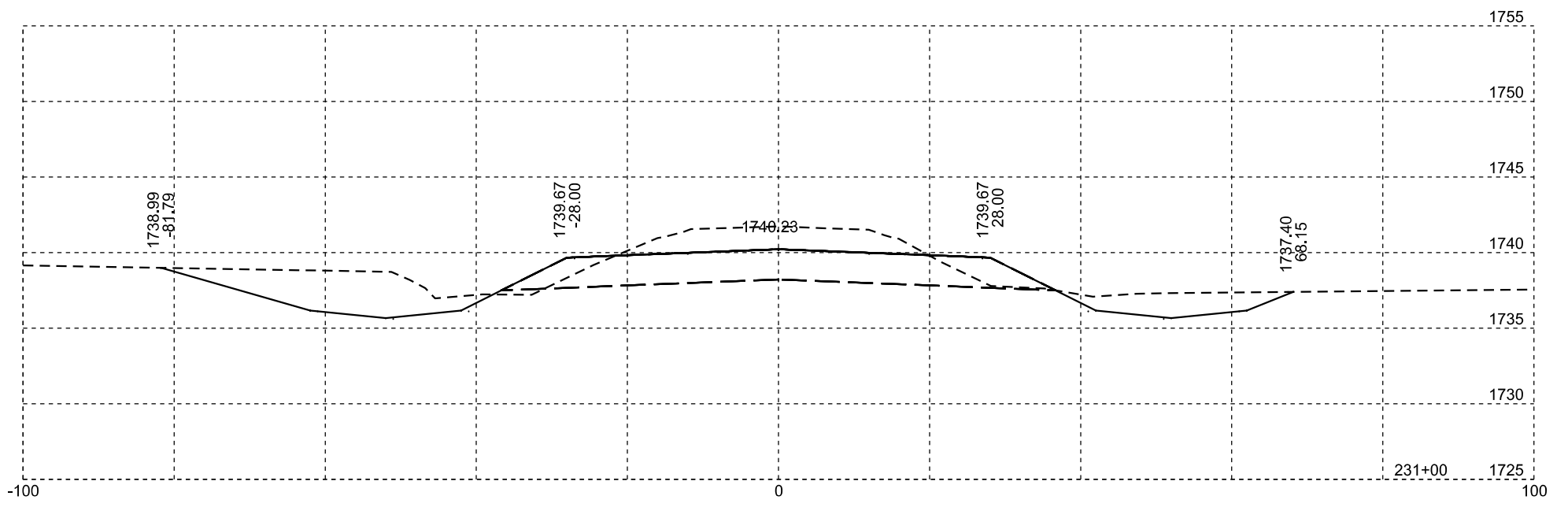
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X39	X110



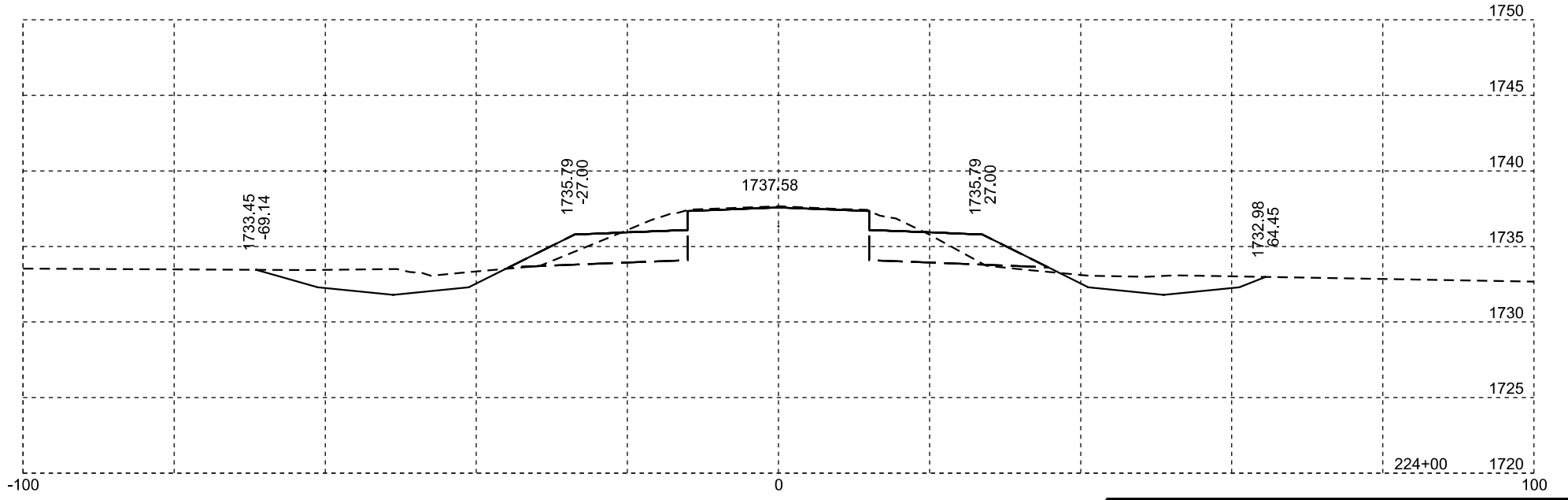
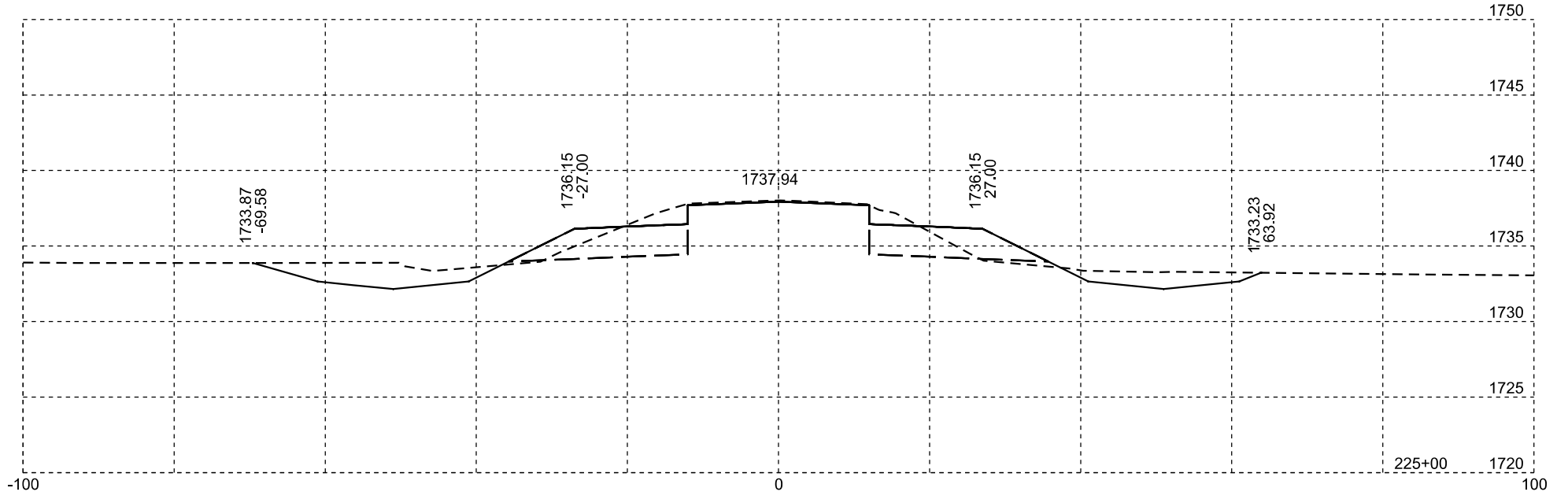
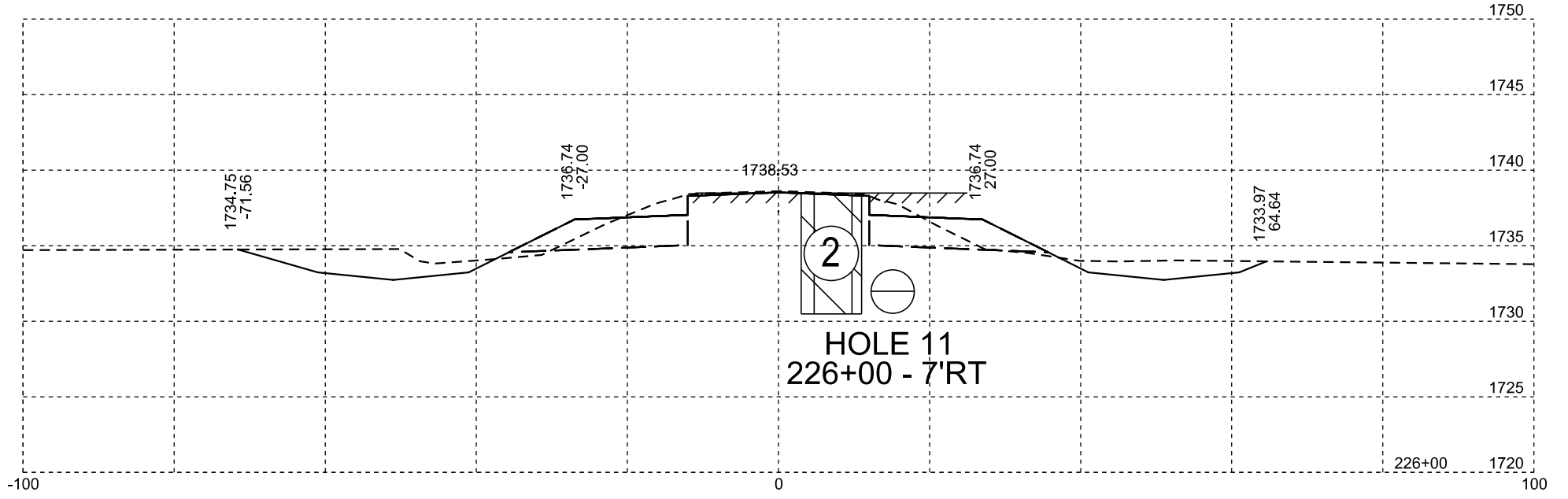
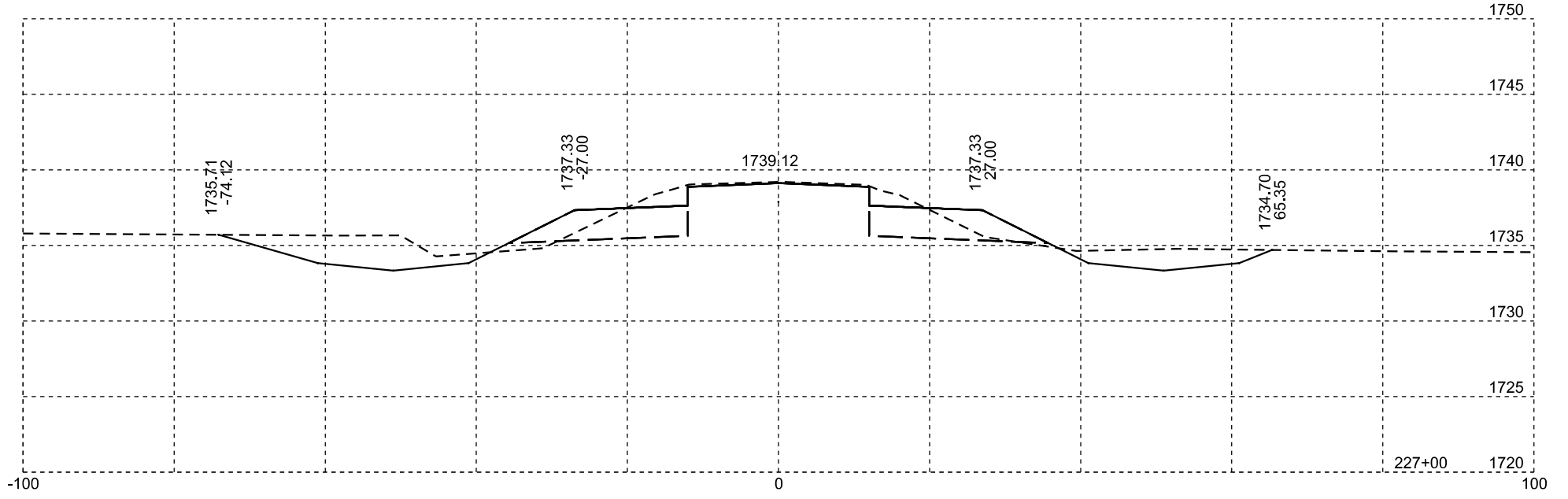
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X40	X110



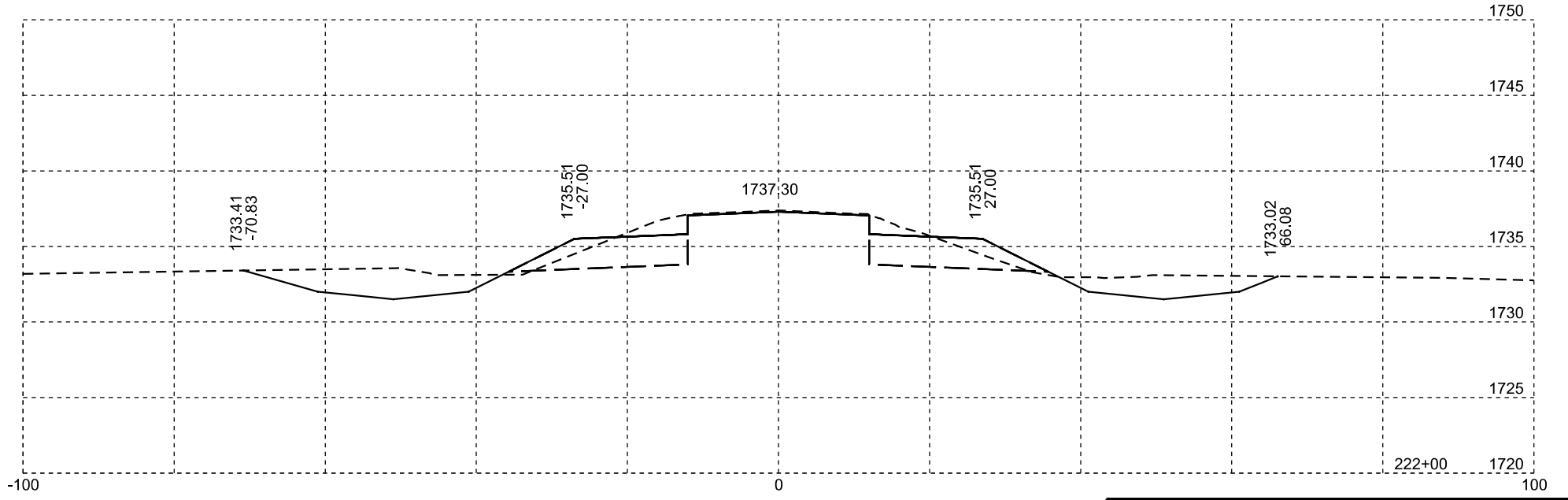
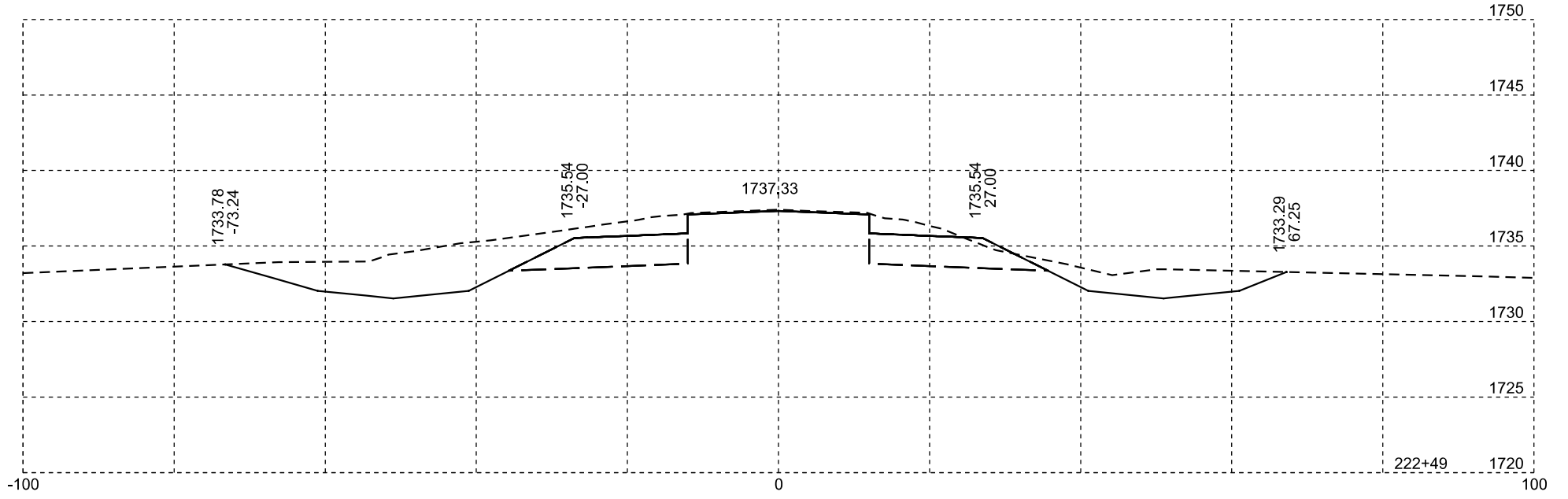
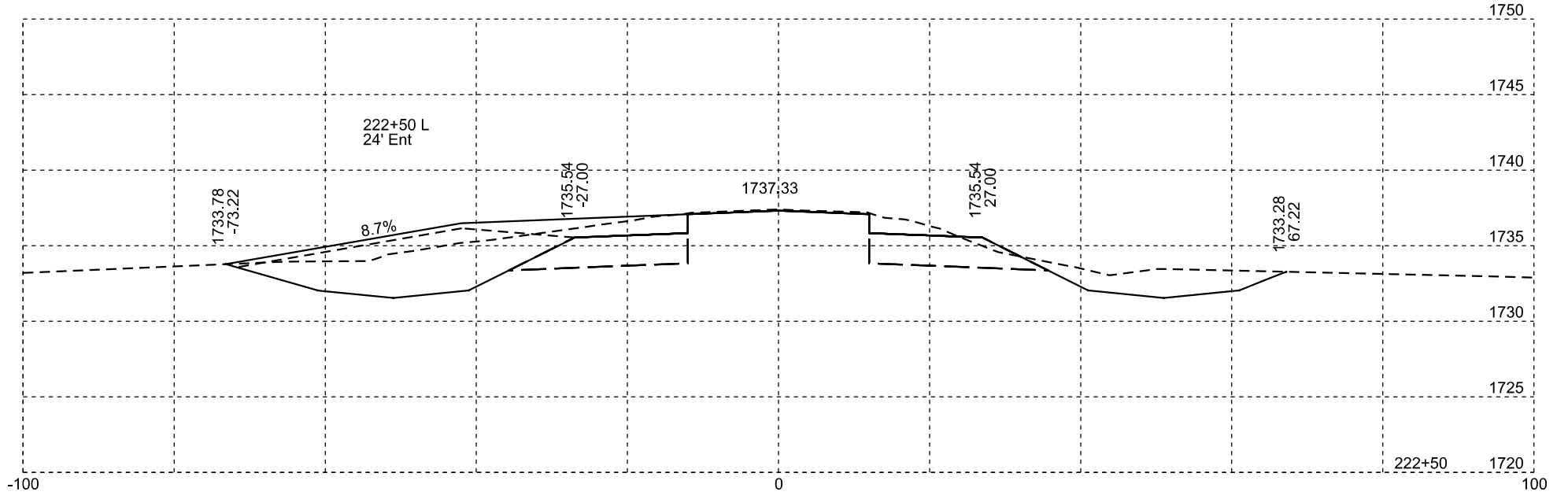
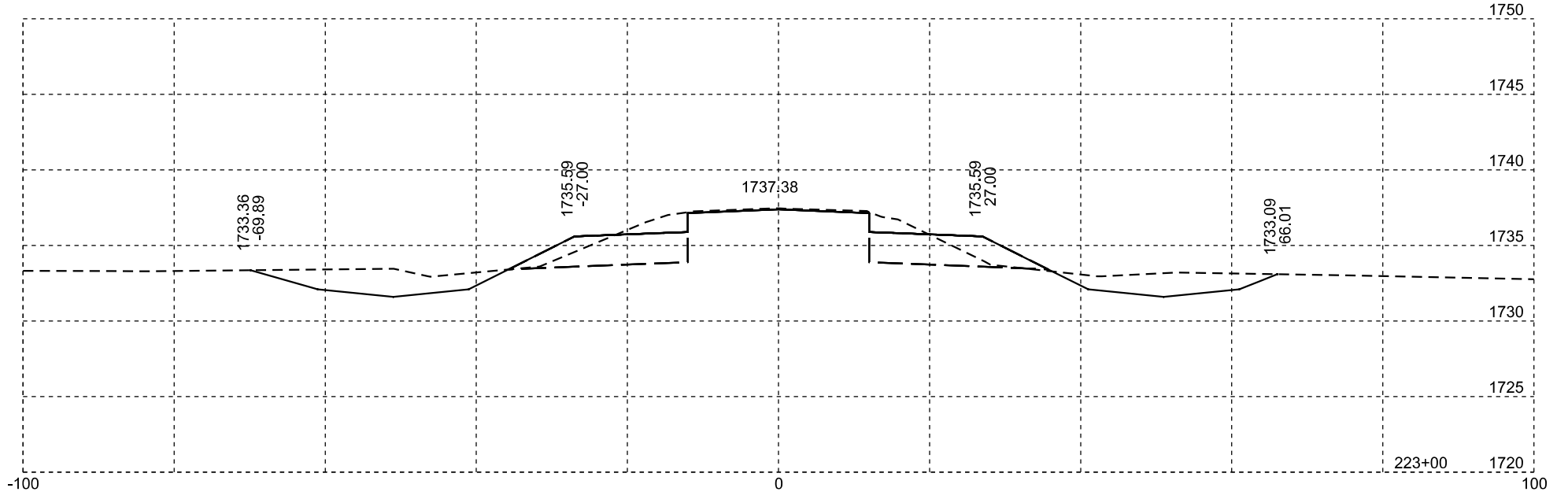
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X41	X110



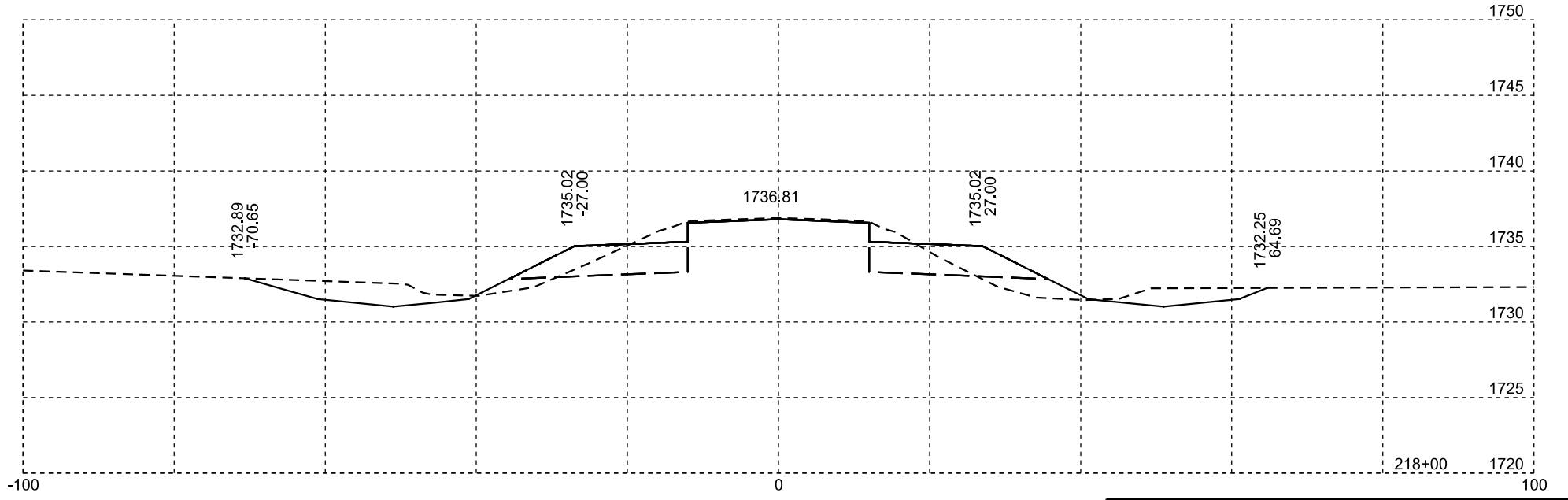
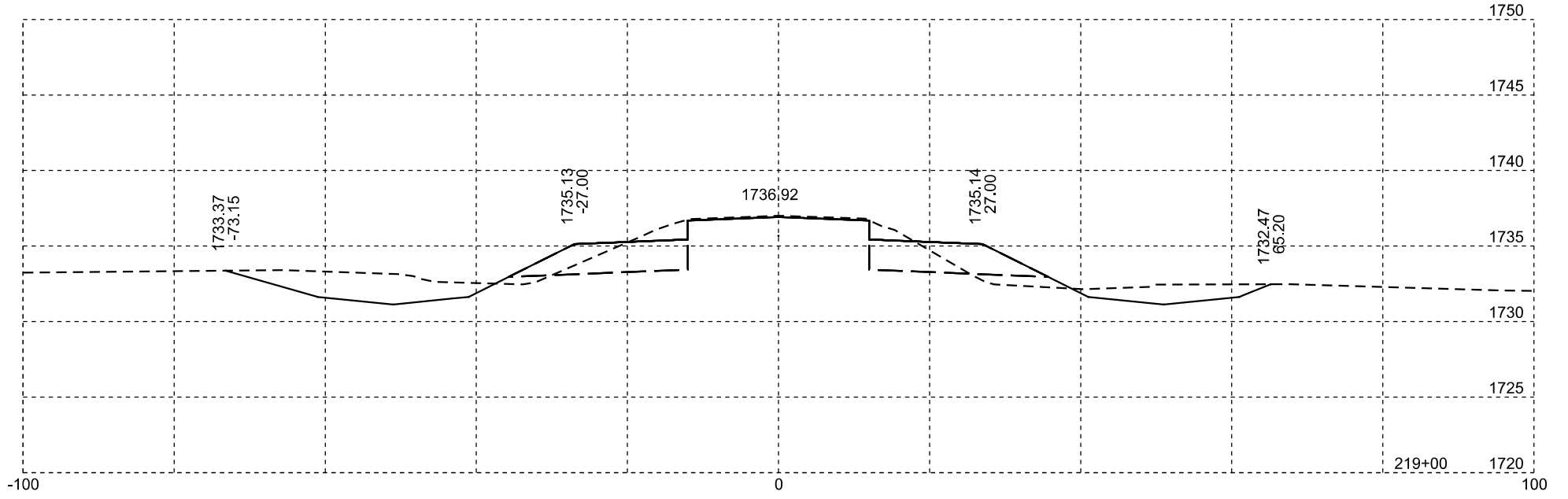
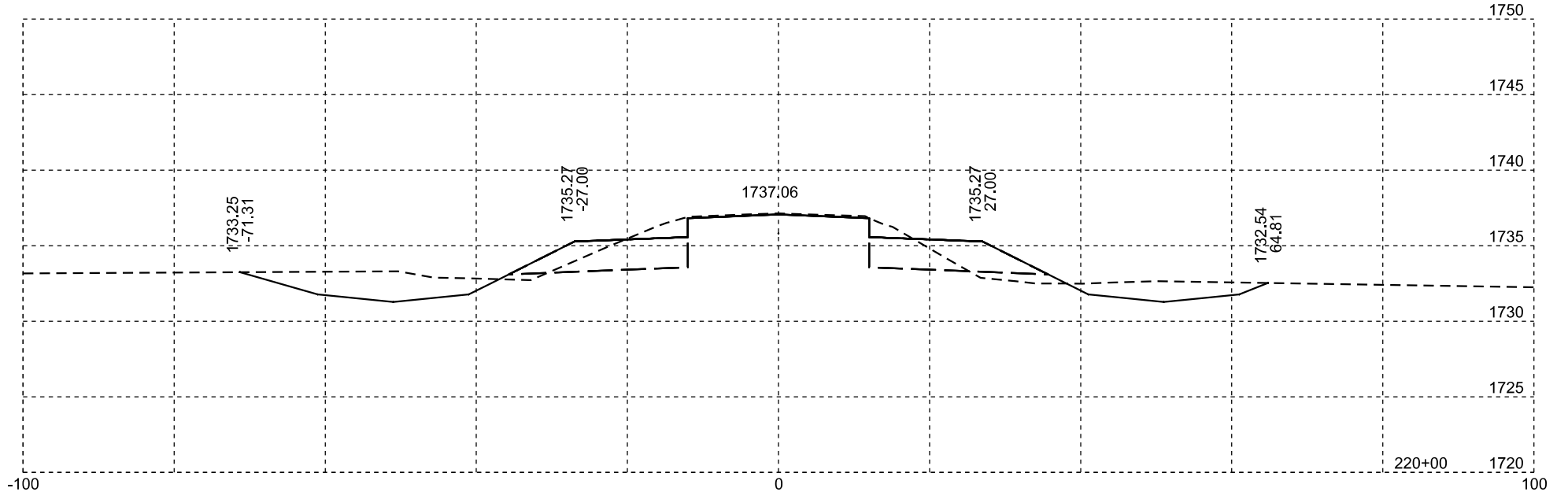
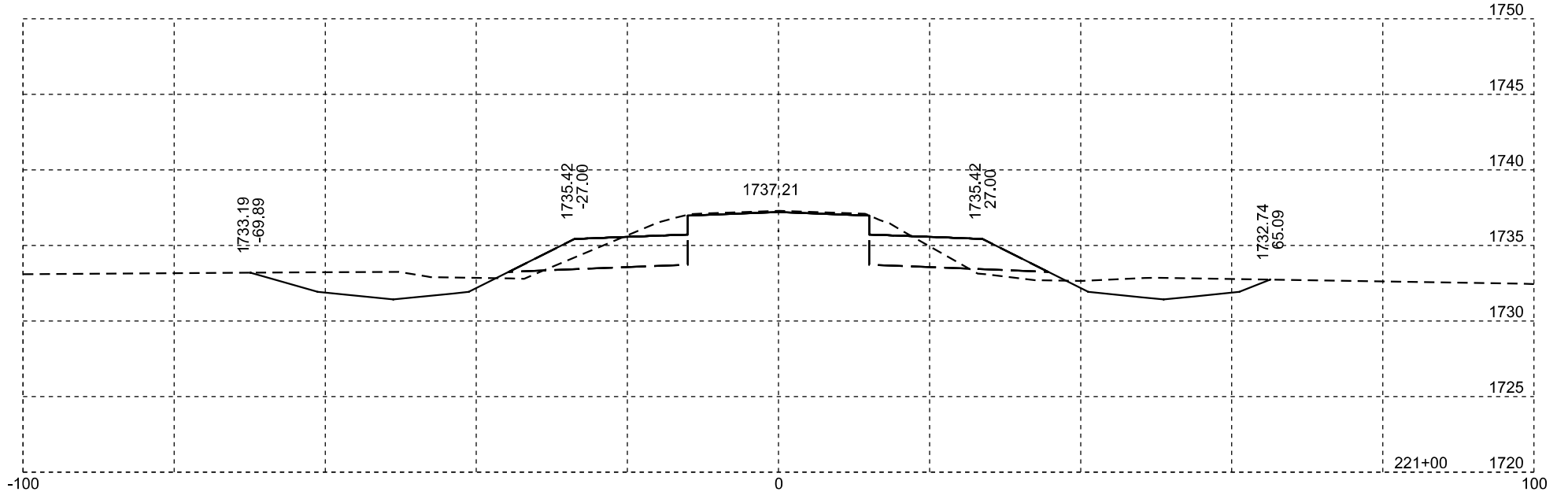
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X42	X110



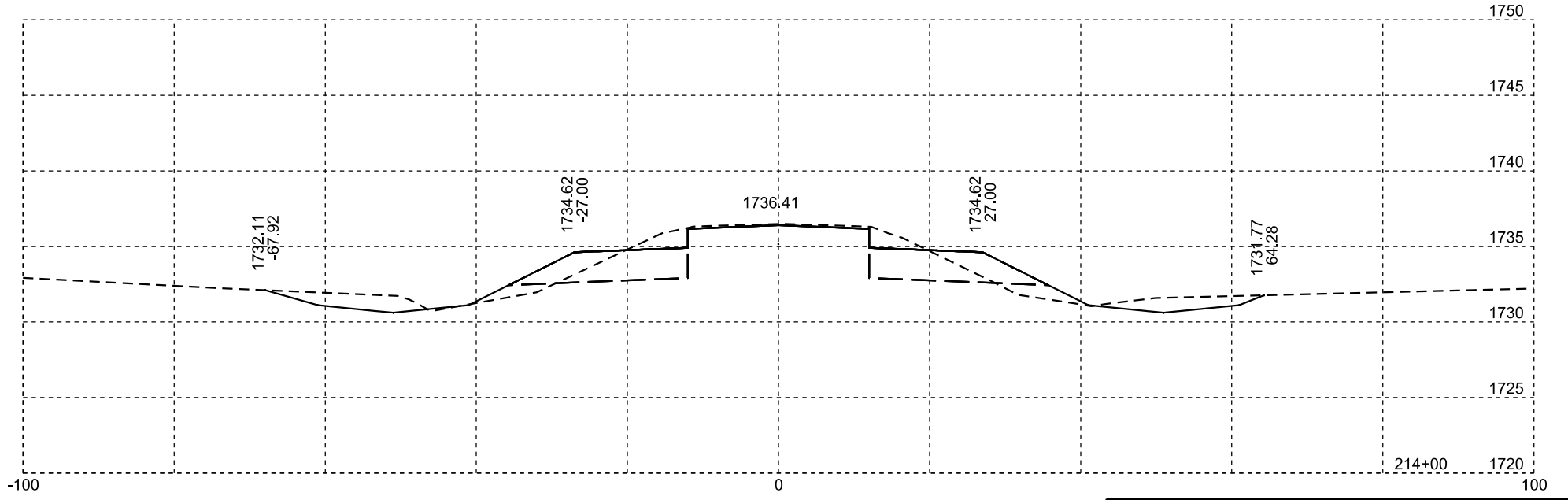
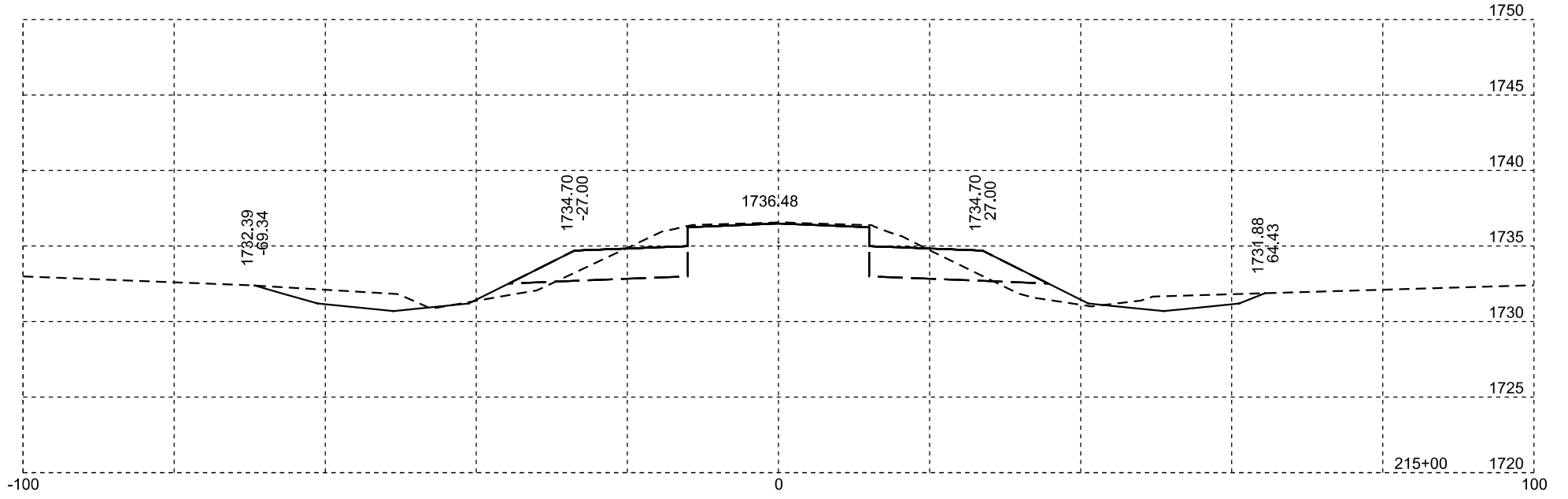
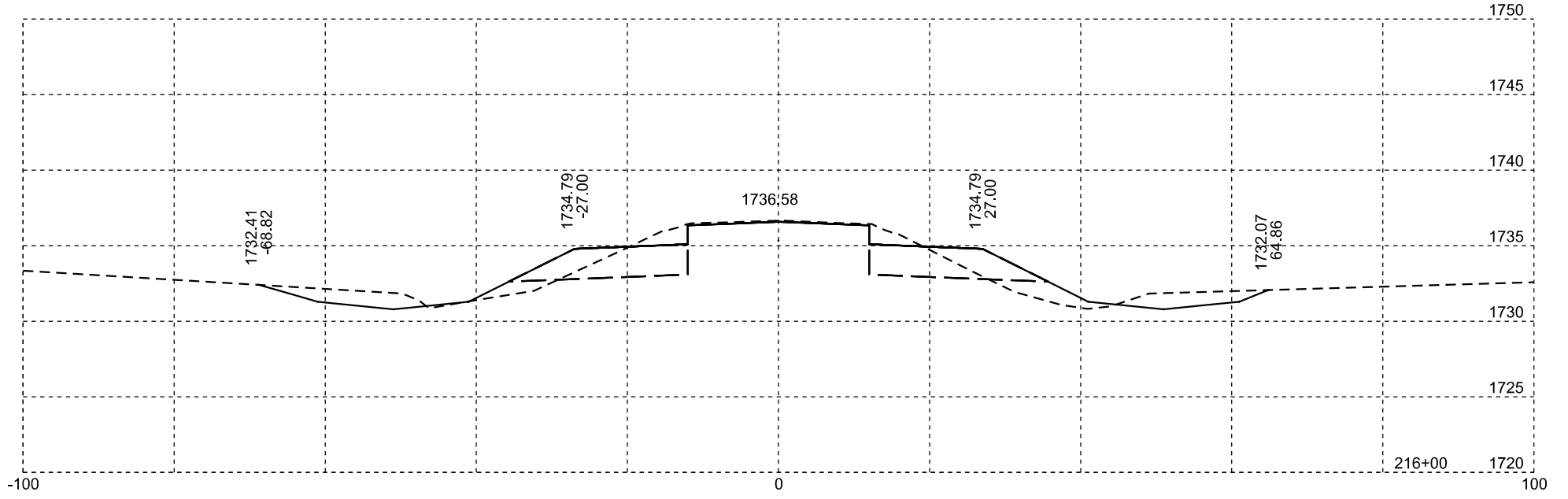
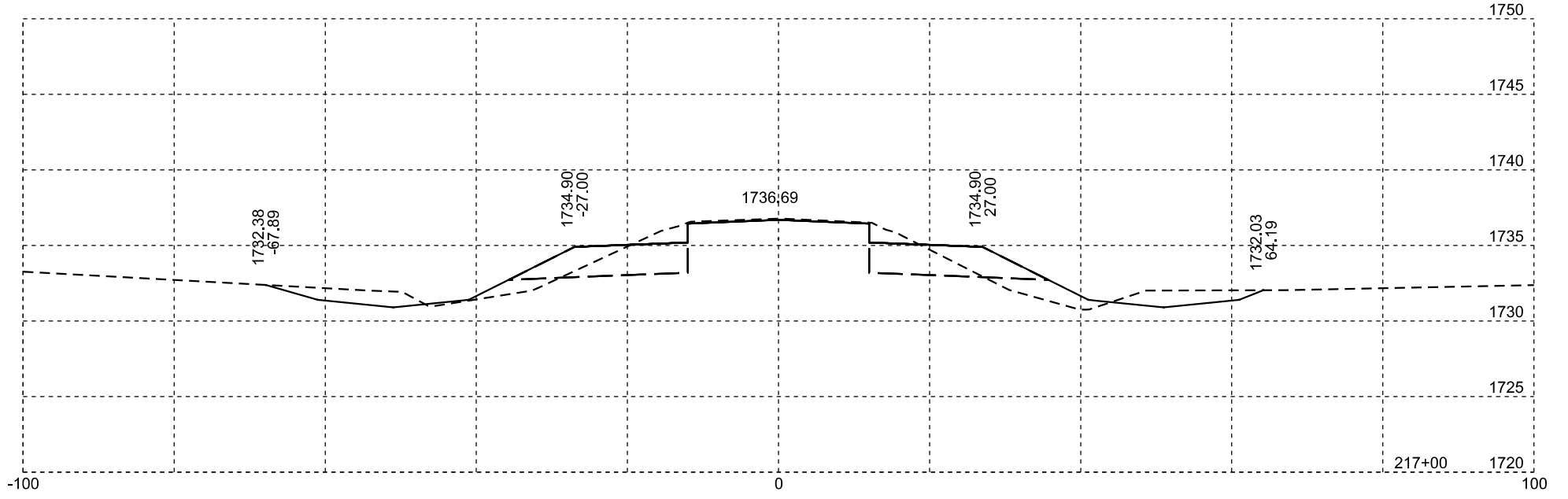
Revised Date: 01/17/2025 MDJ
 Plotting Date: 01/17/2025

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X43	X110



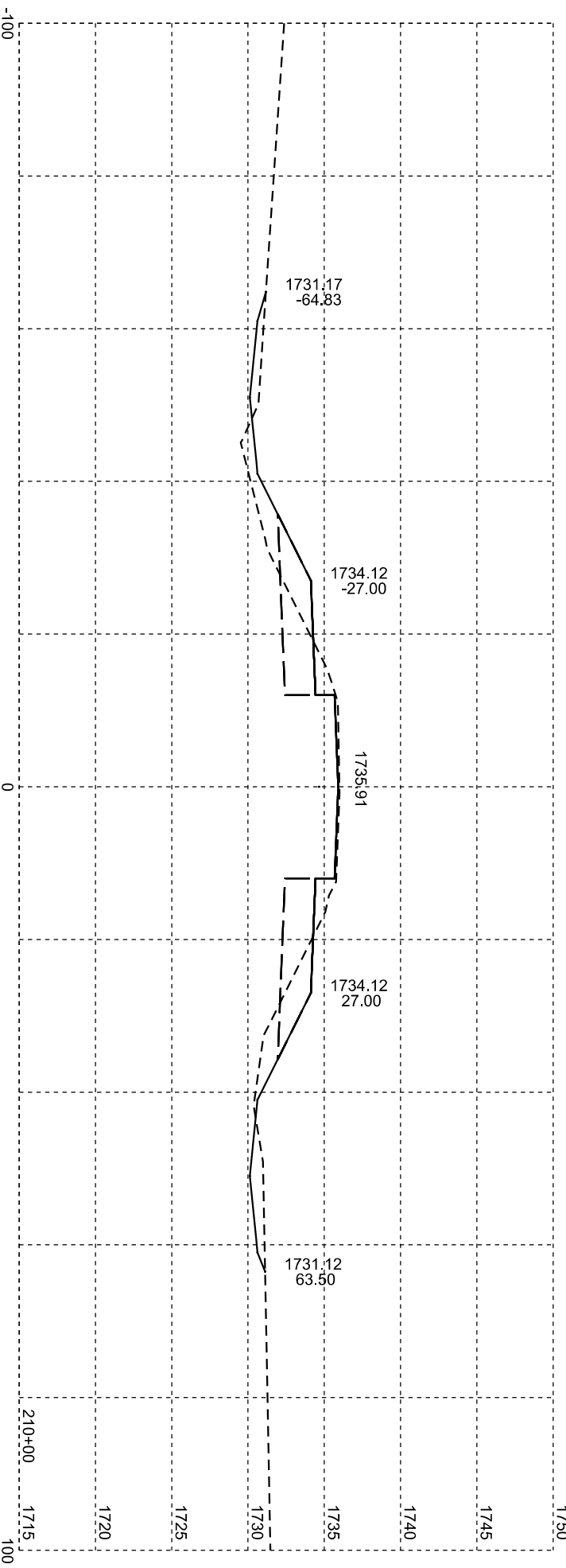
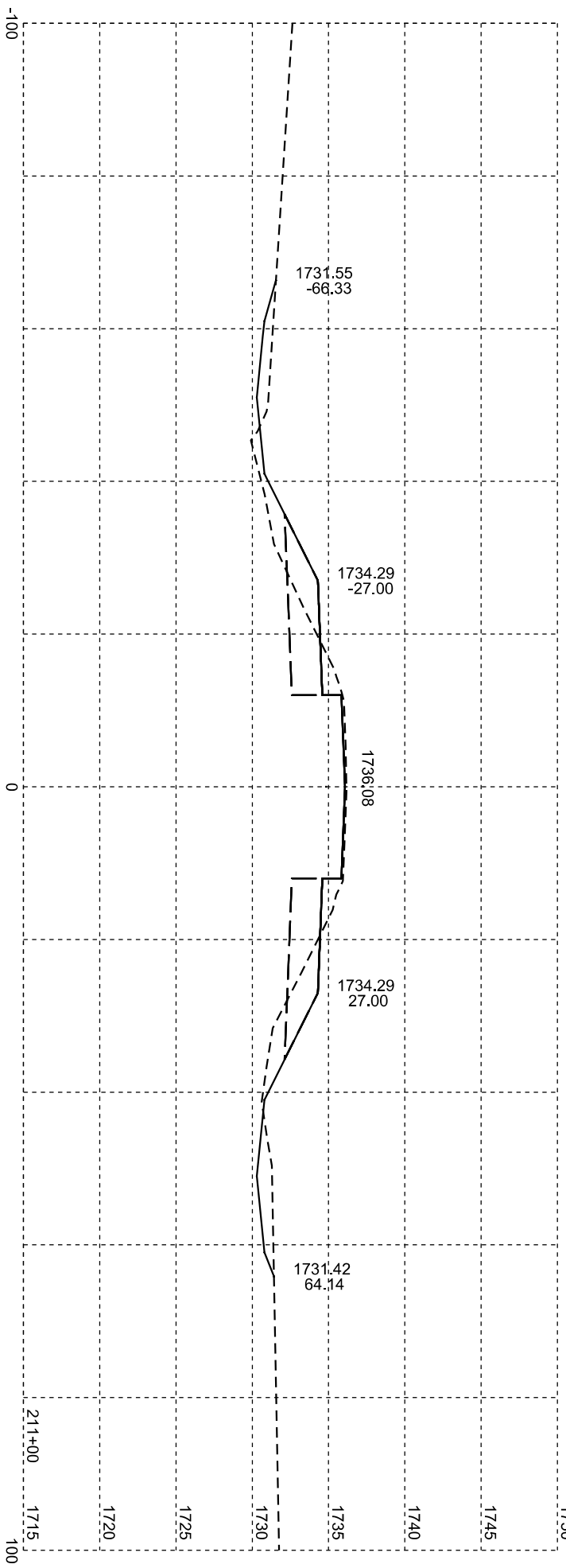
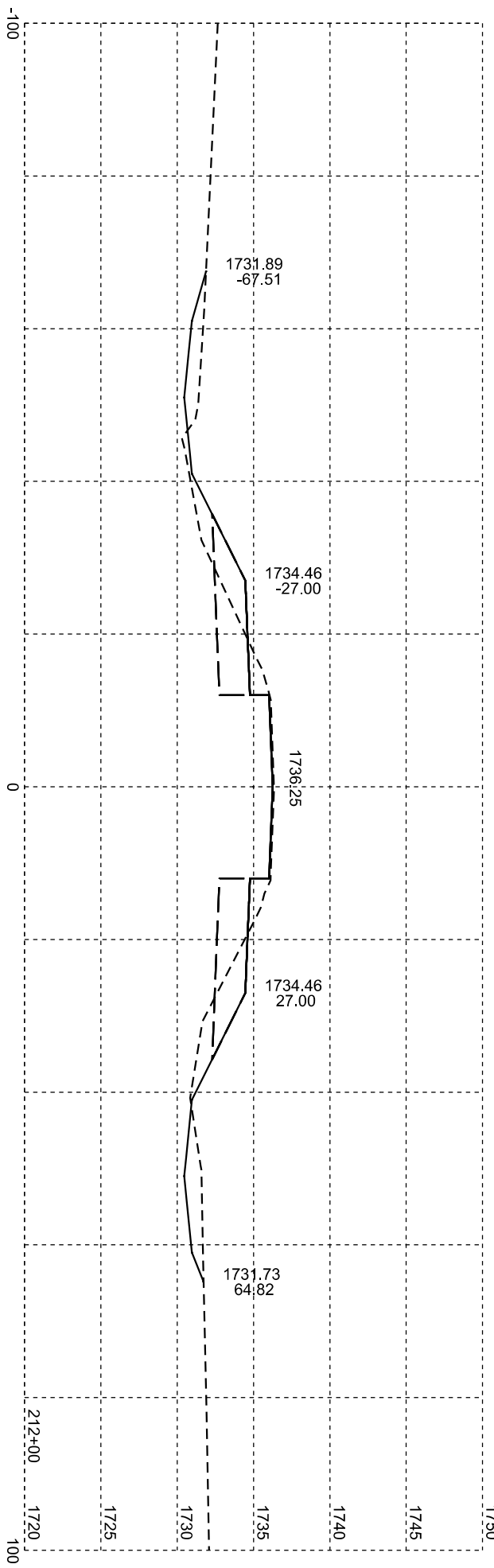
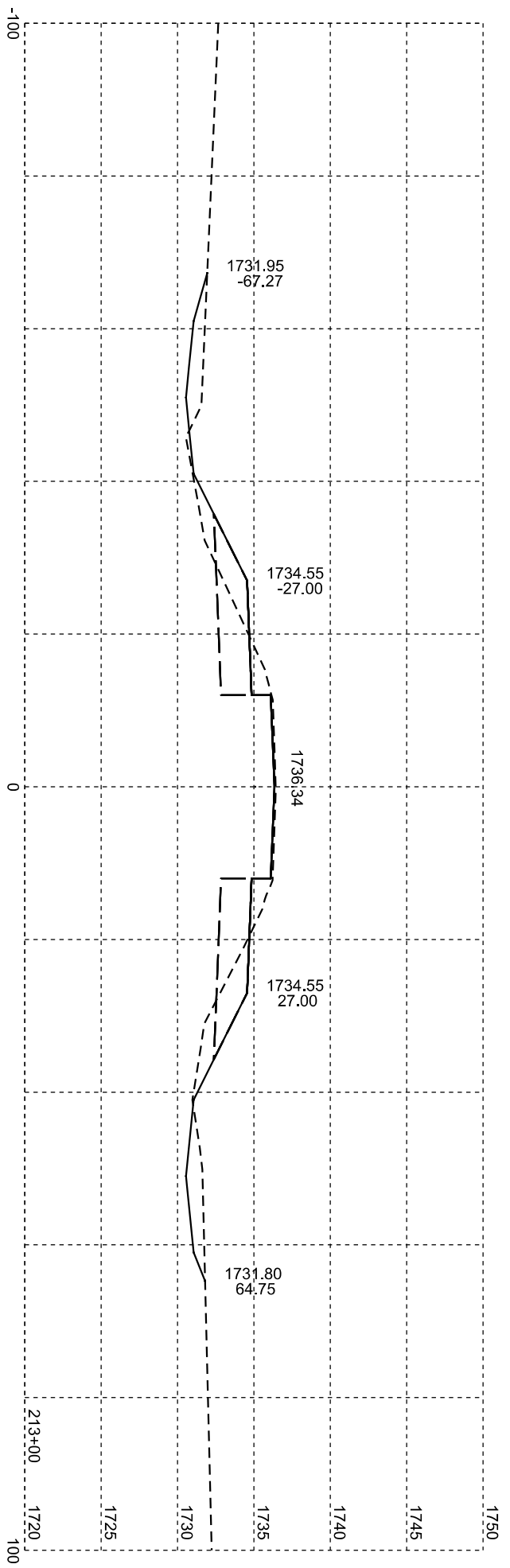
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X44	X110



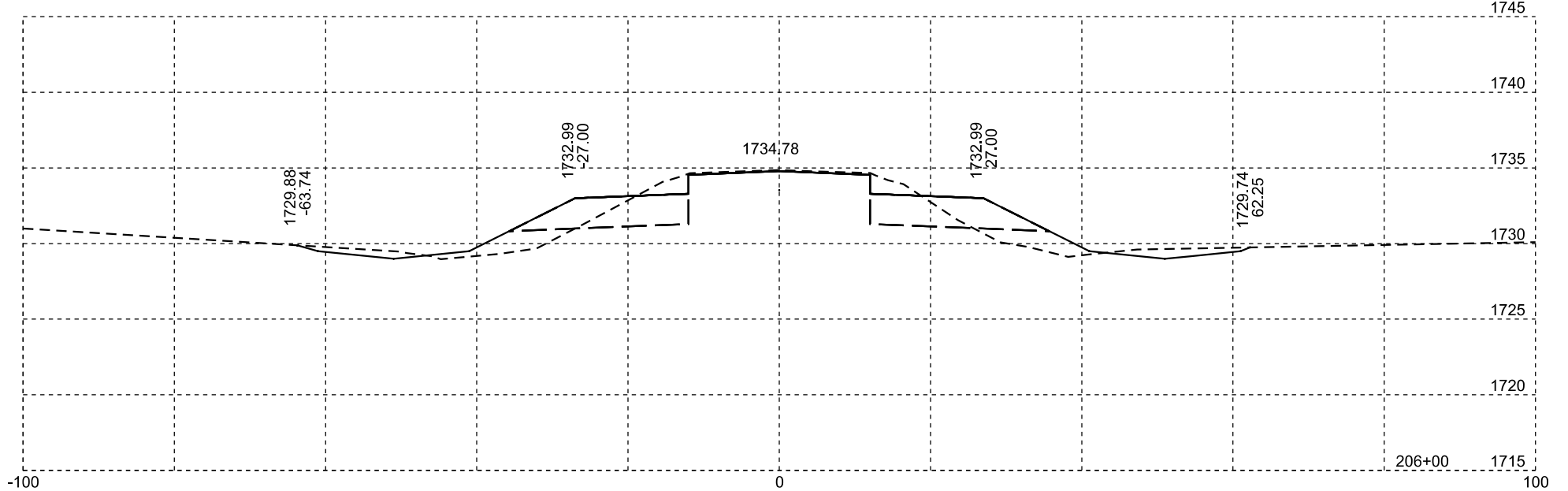
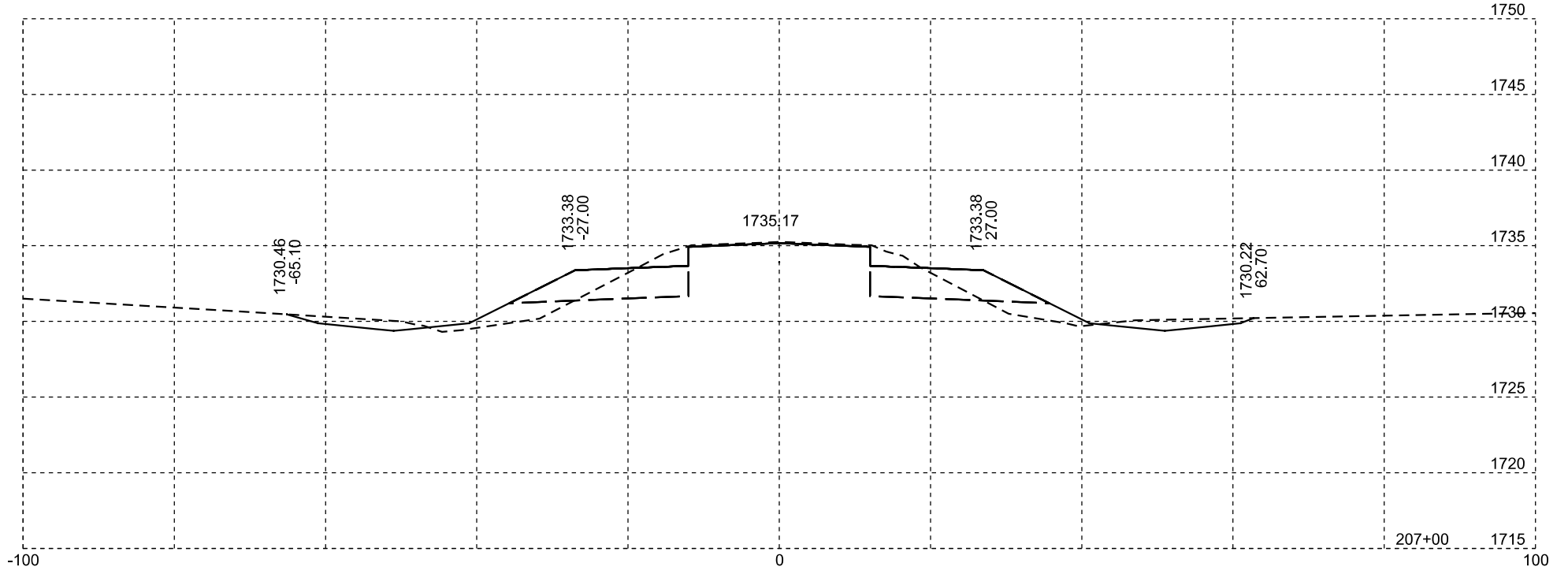
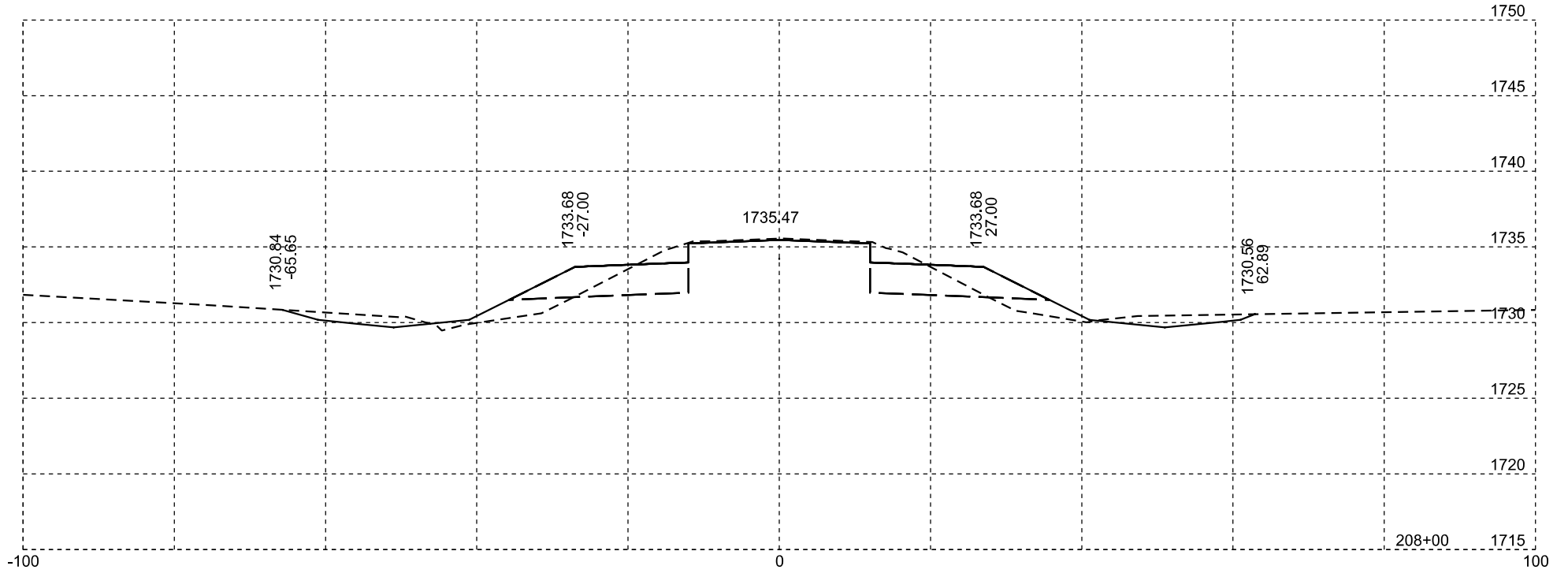
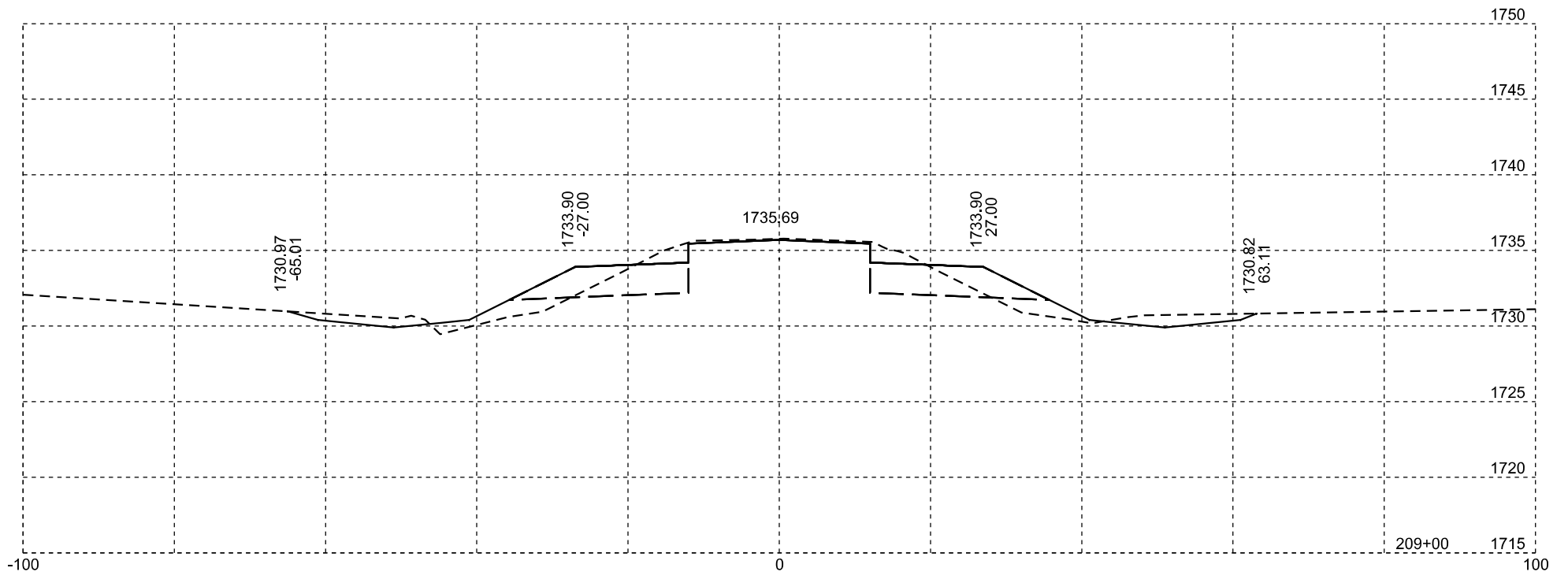
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X45	X110



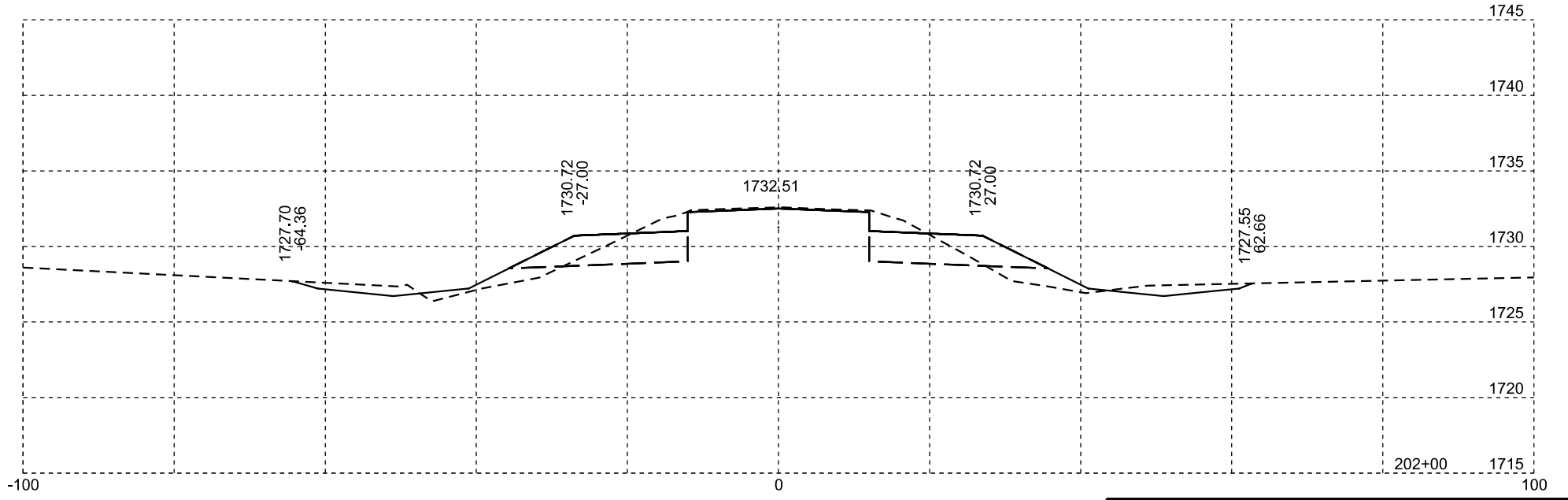
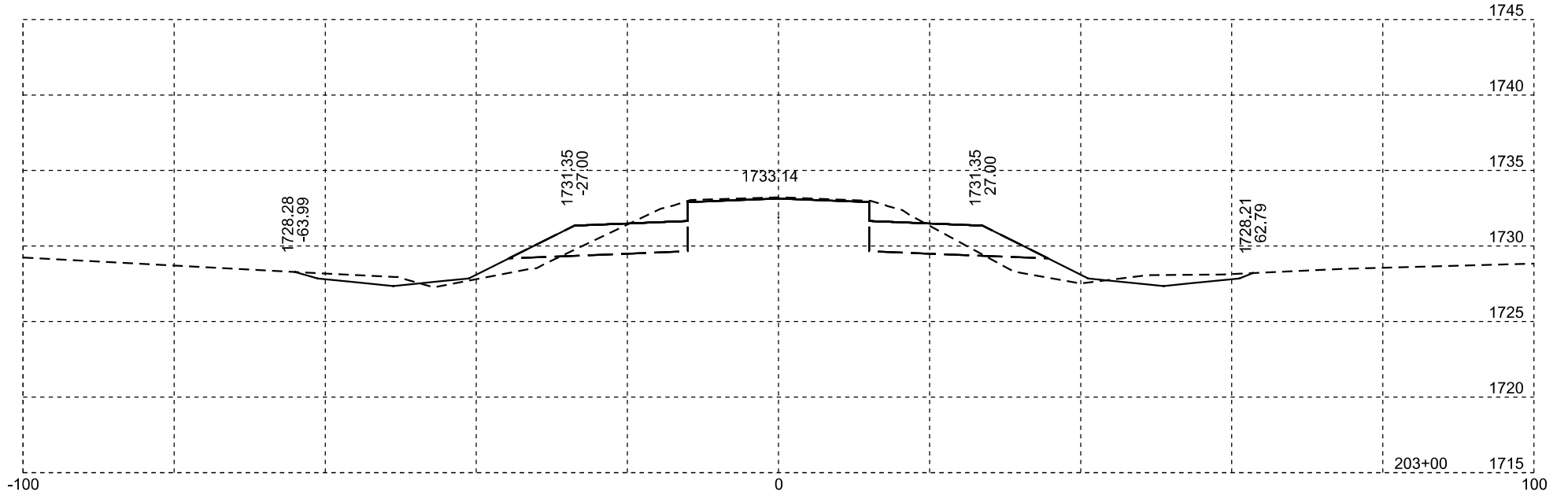
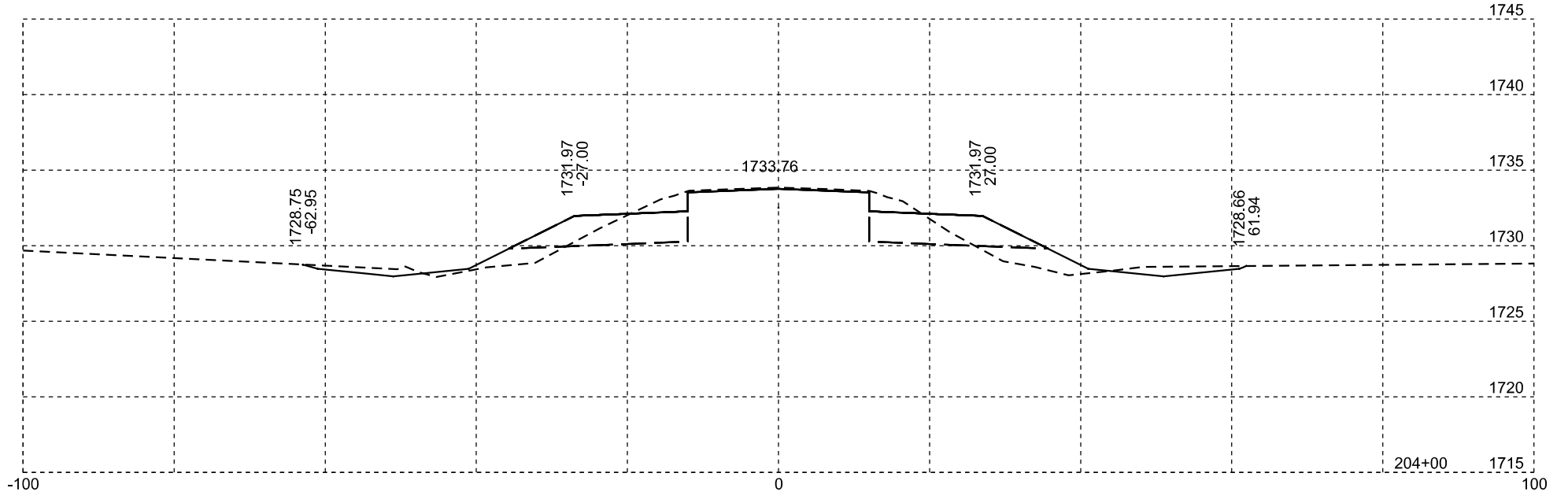
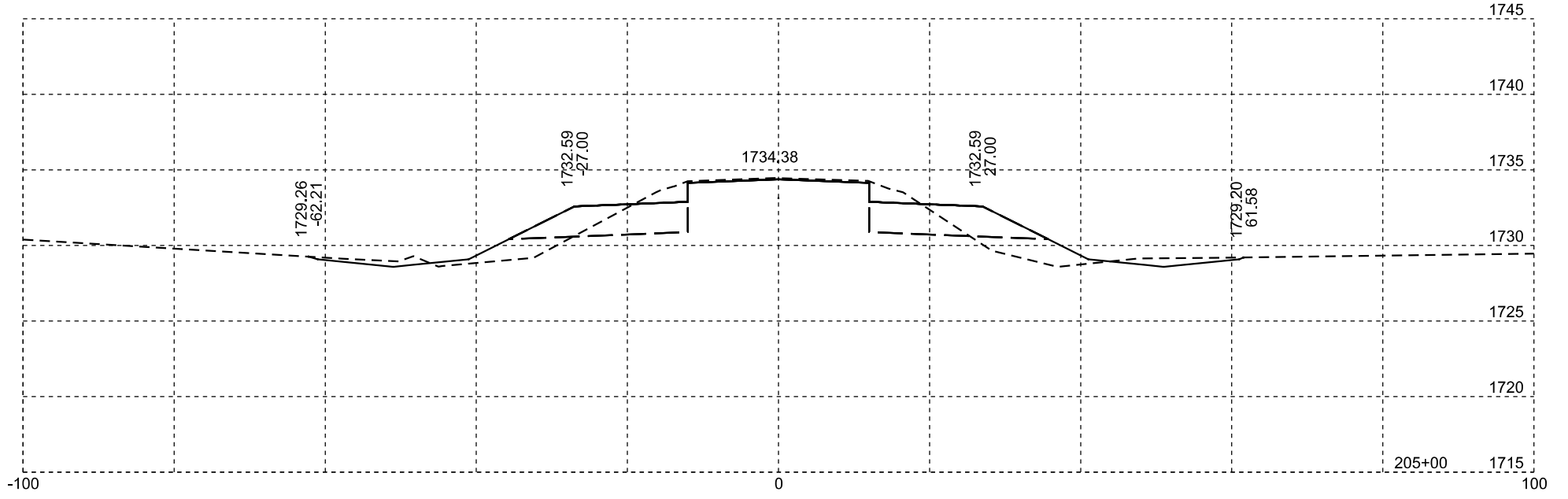
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA		PROJECT	
P-PH-B-PP 0013(49)121		SHEET NO. X46	
		TOTAL SHEETS X110	



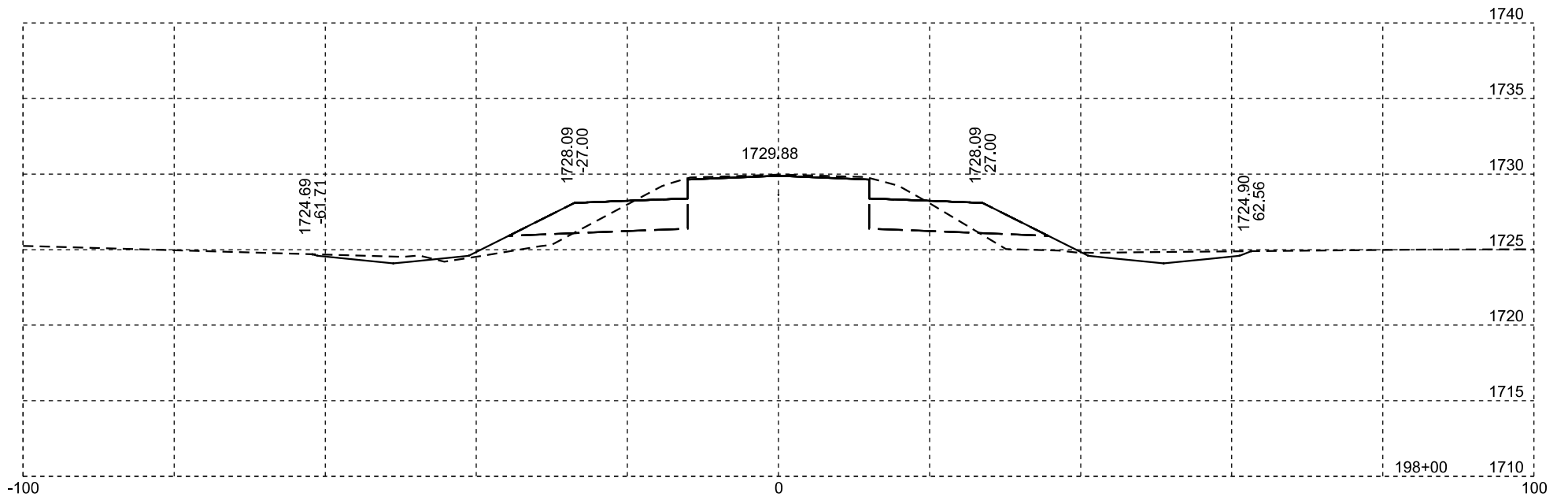
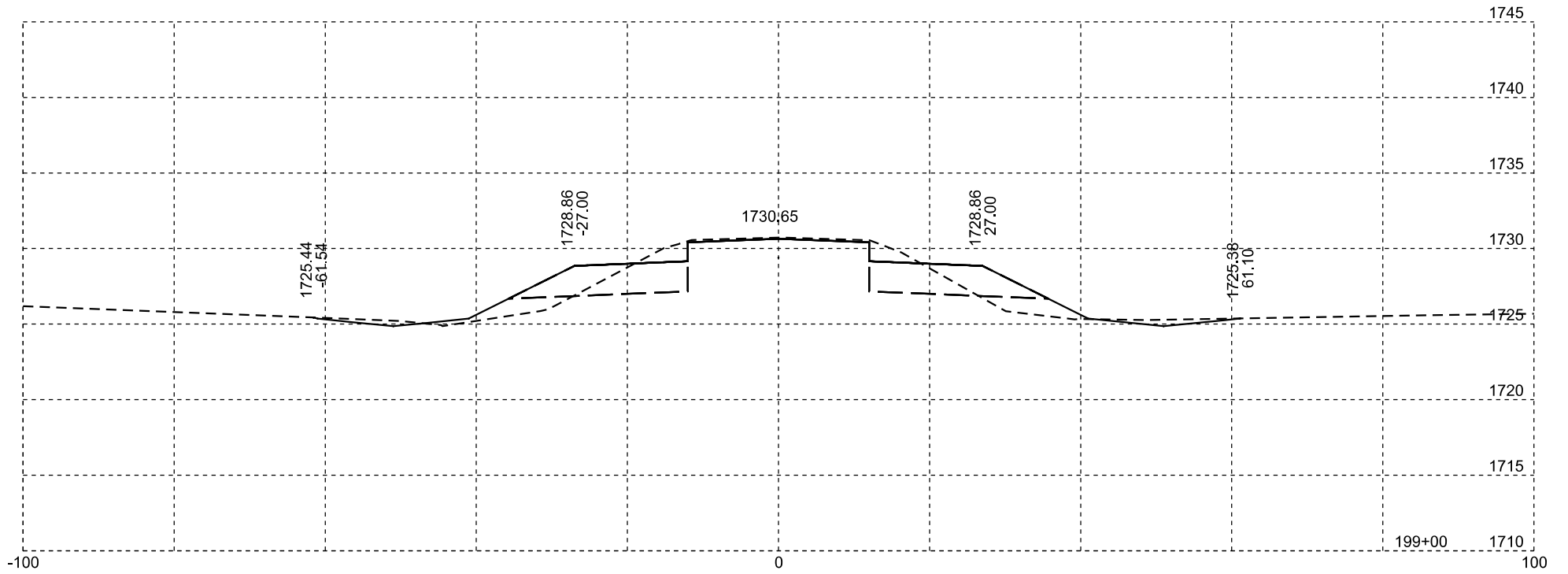
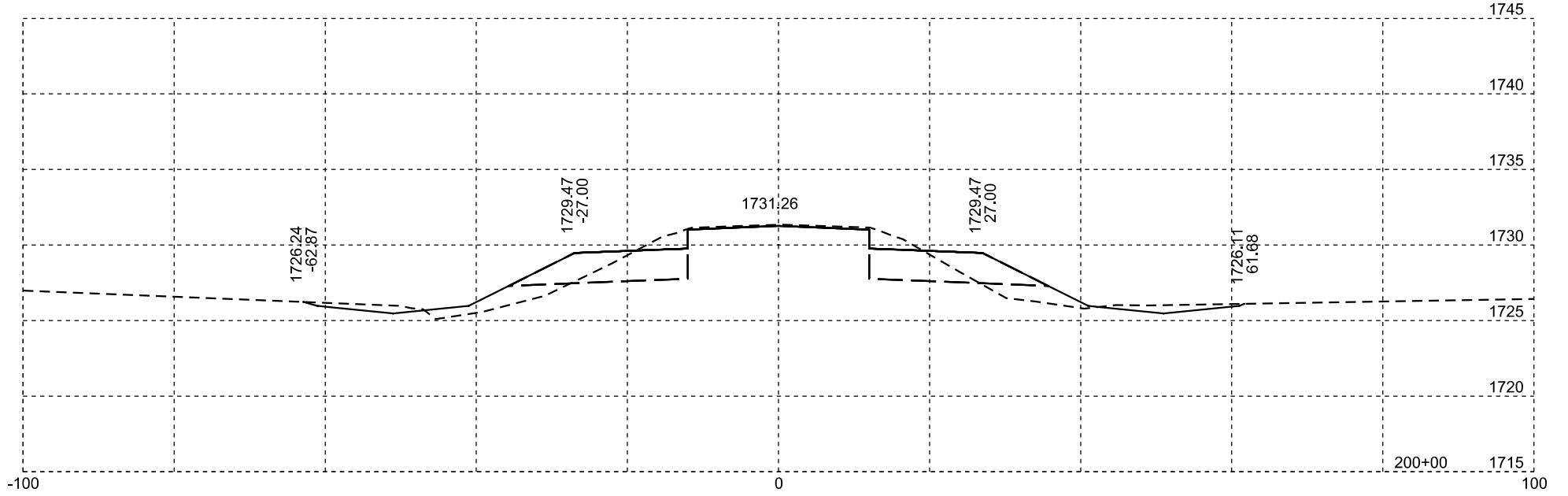
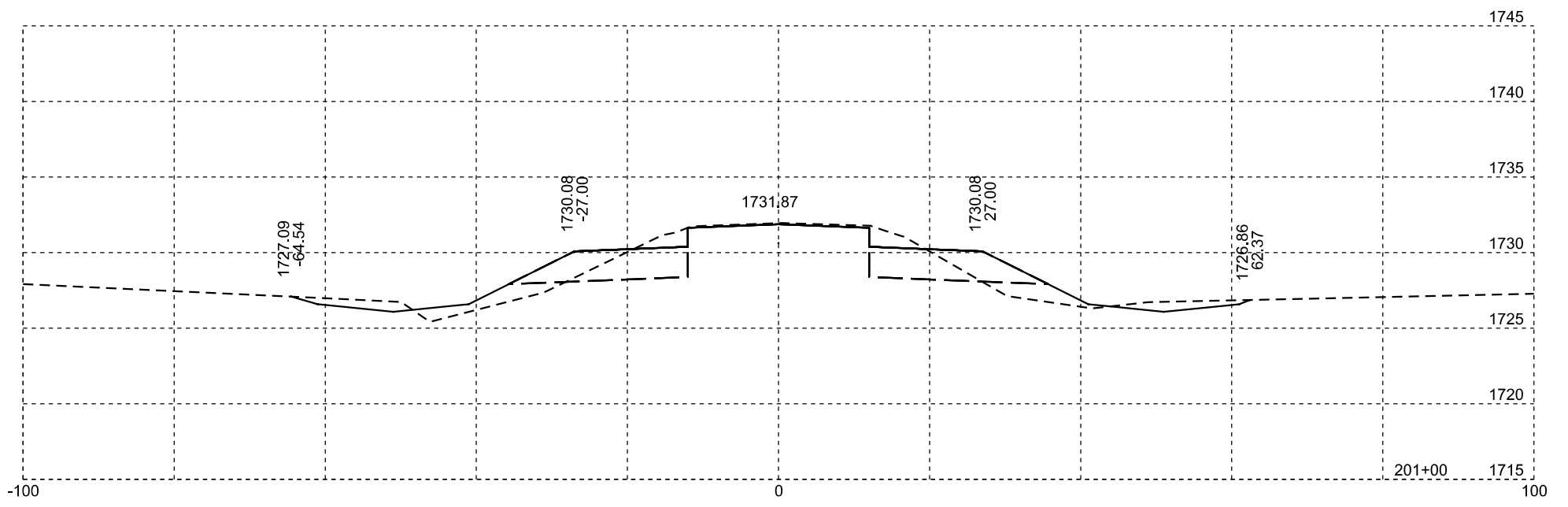
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X47	X110



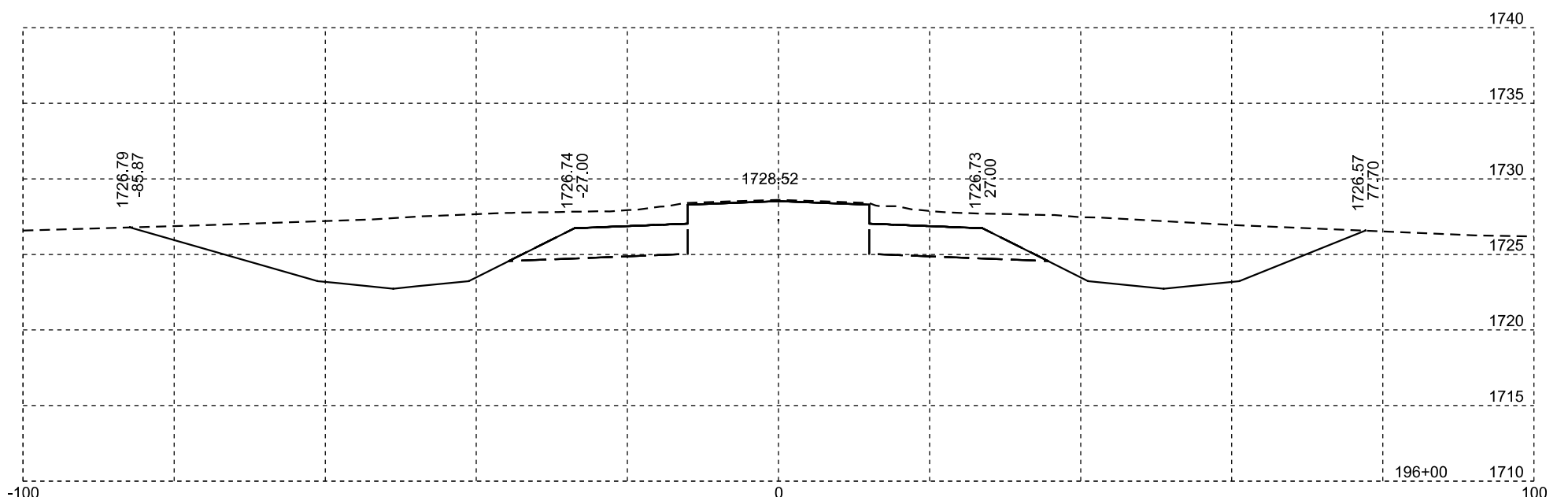
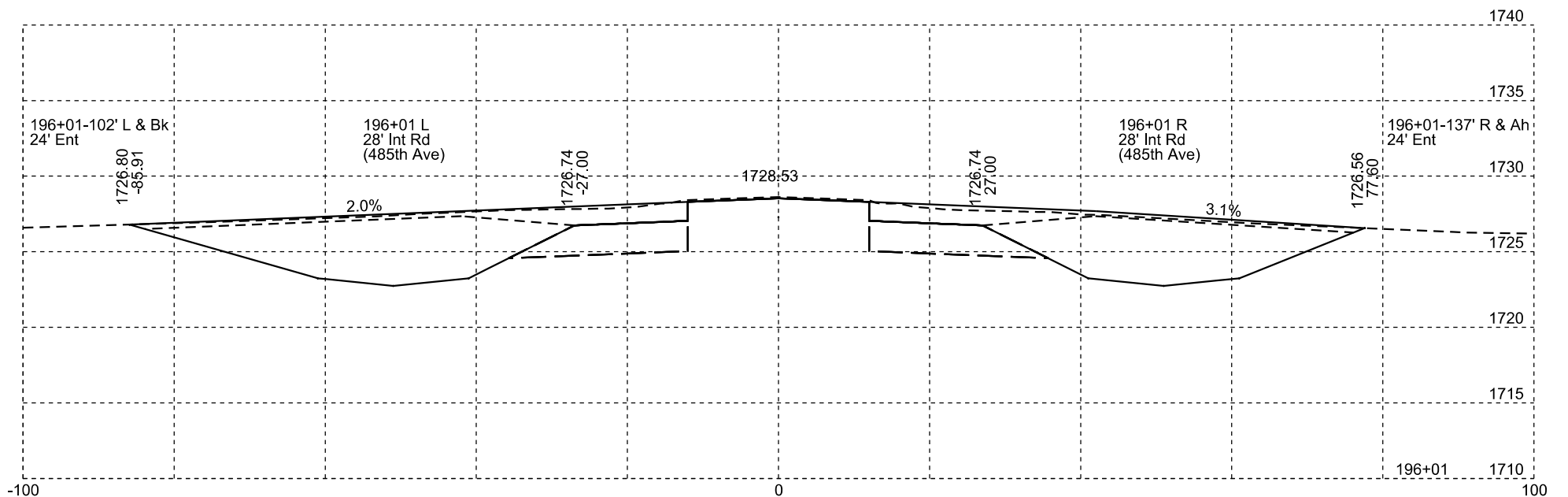
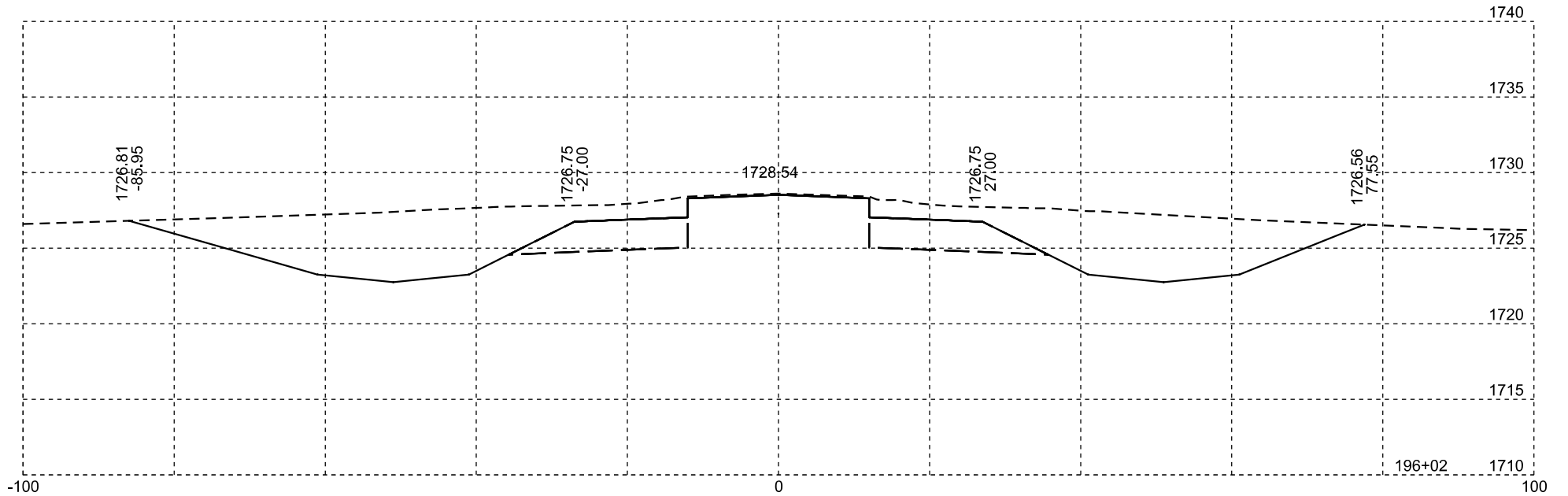
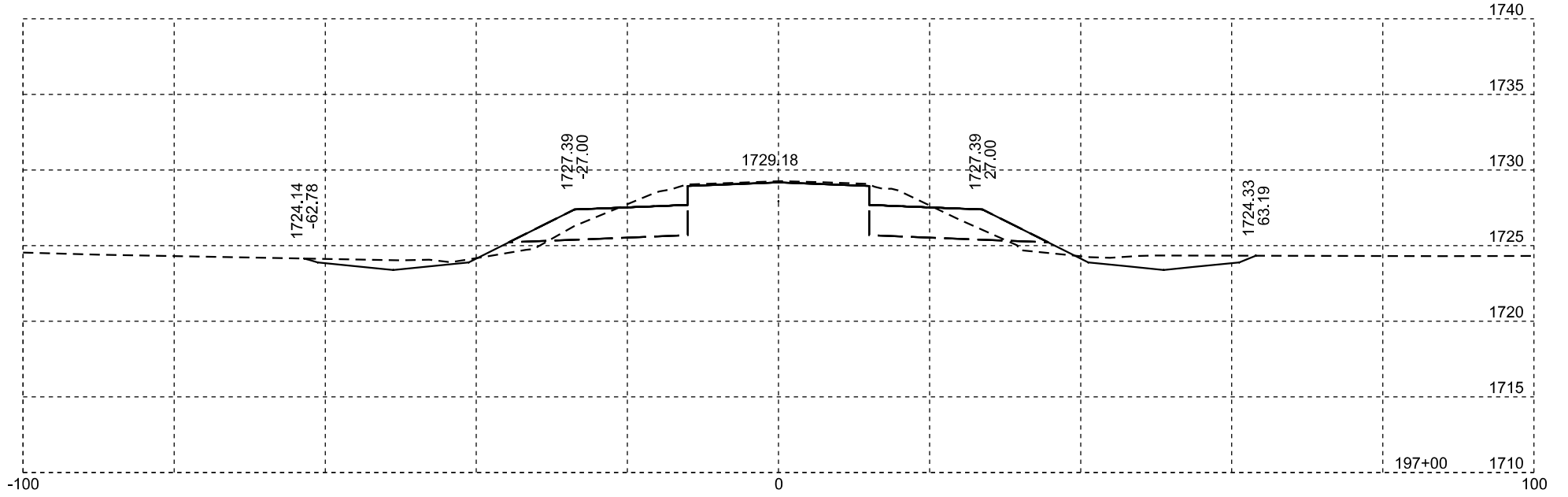
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X48	X110



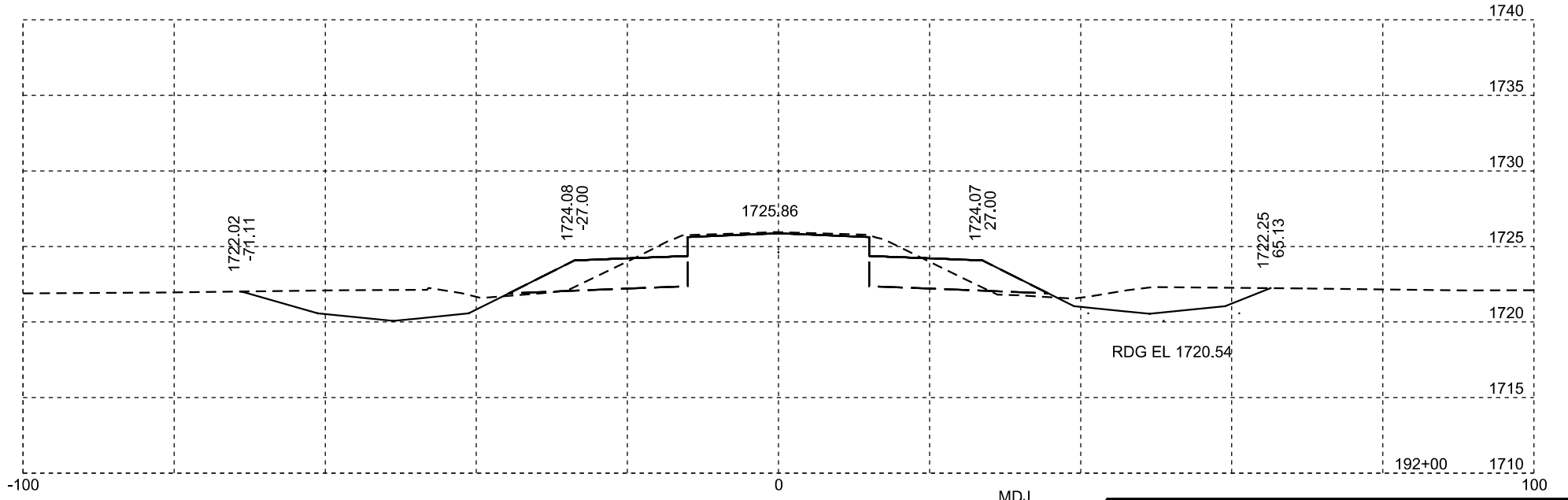
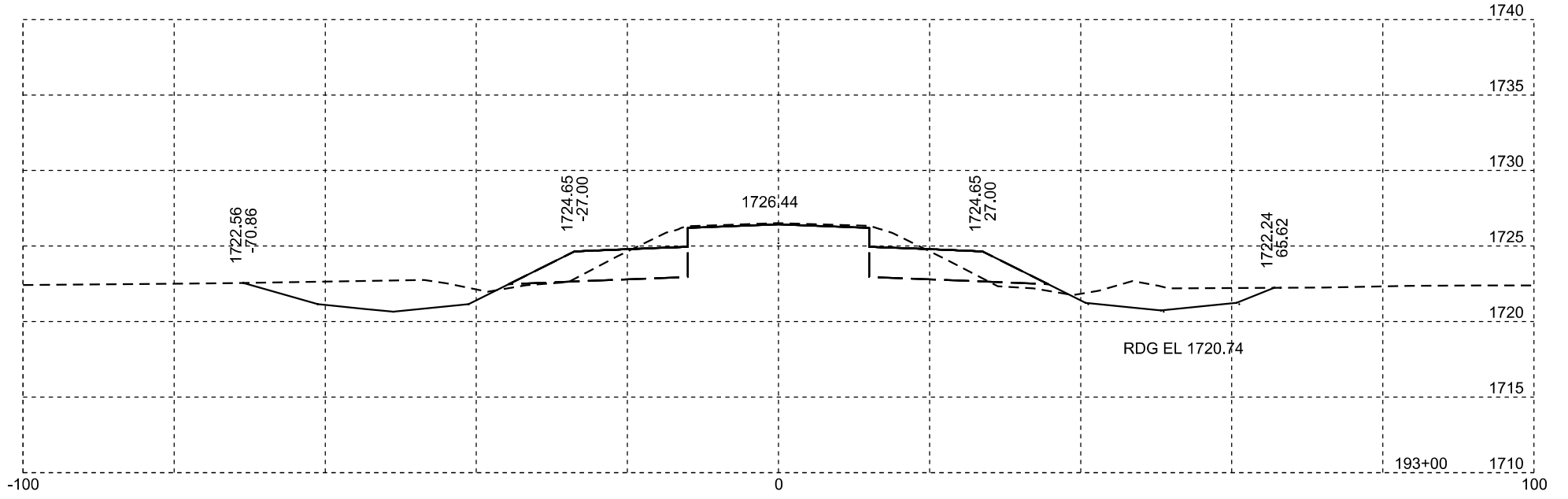
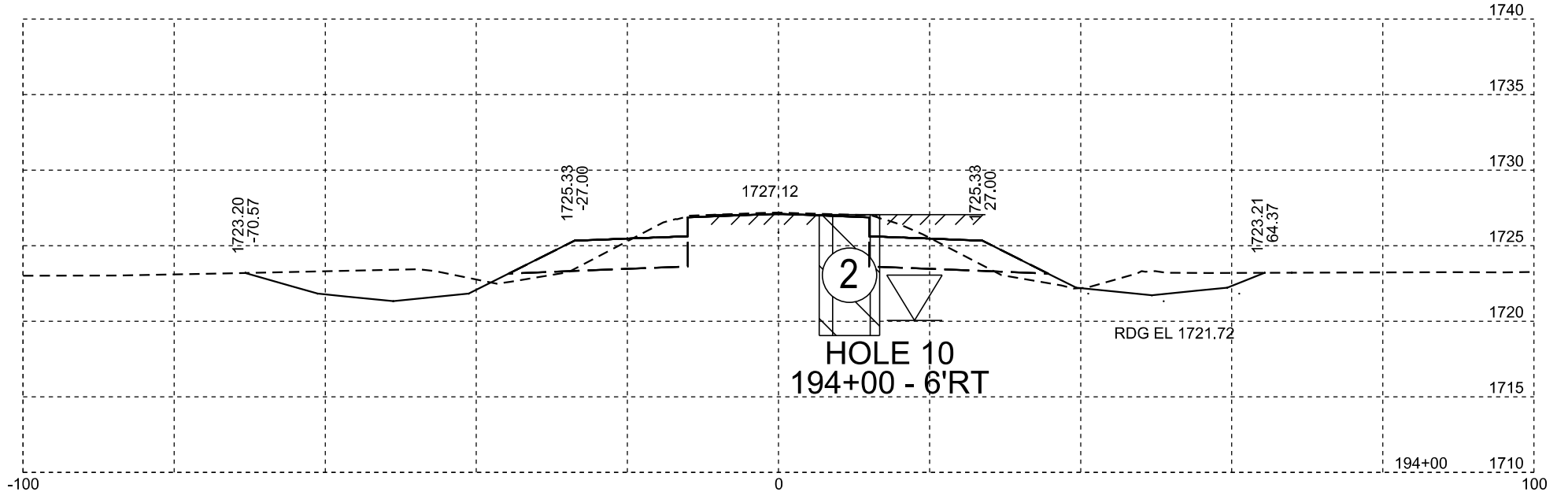
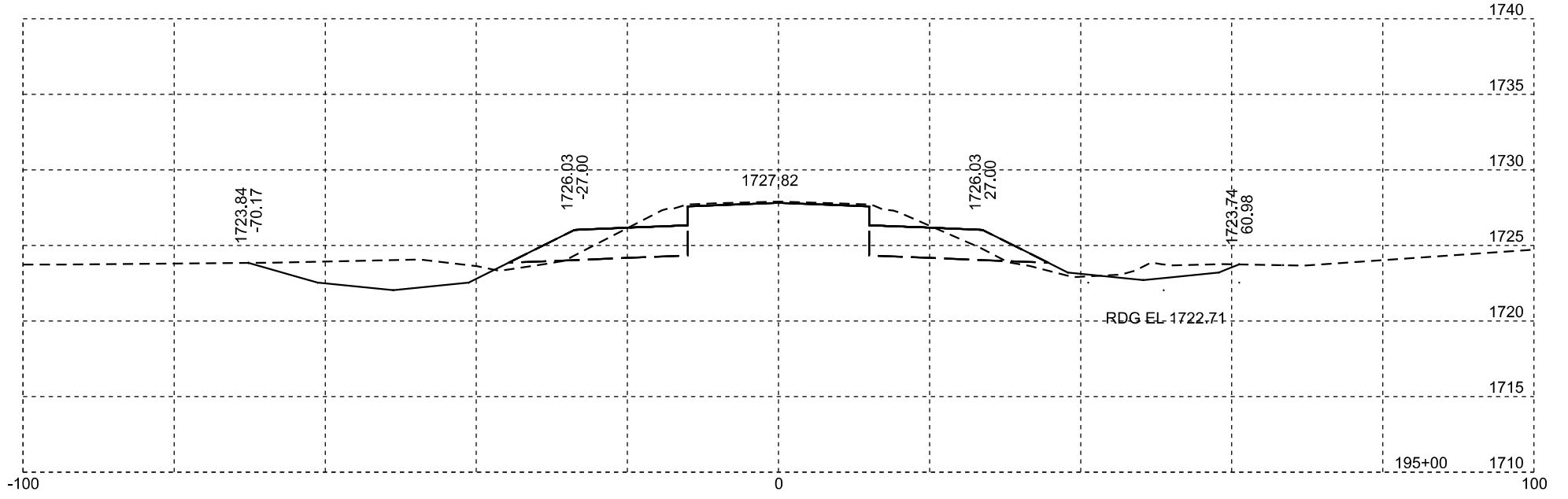
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X49	X110



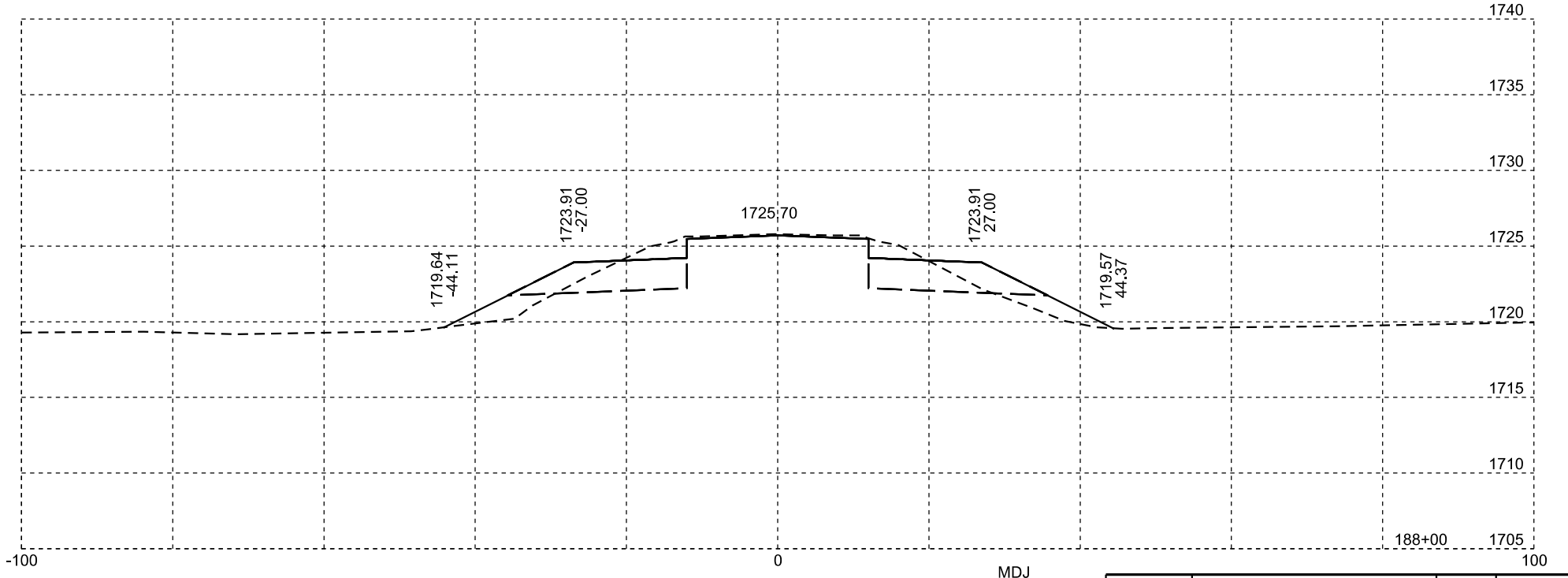
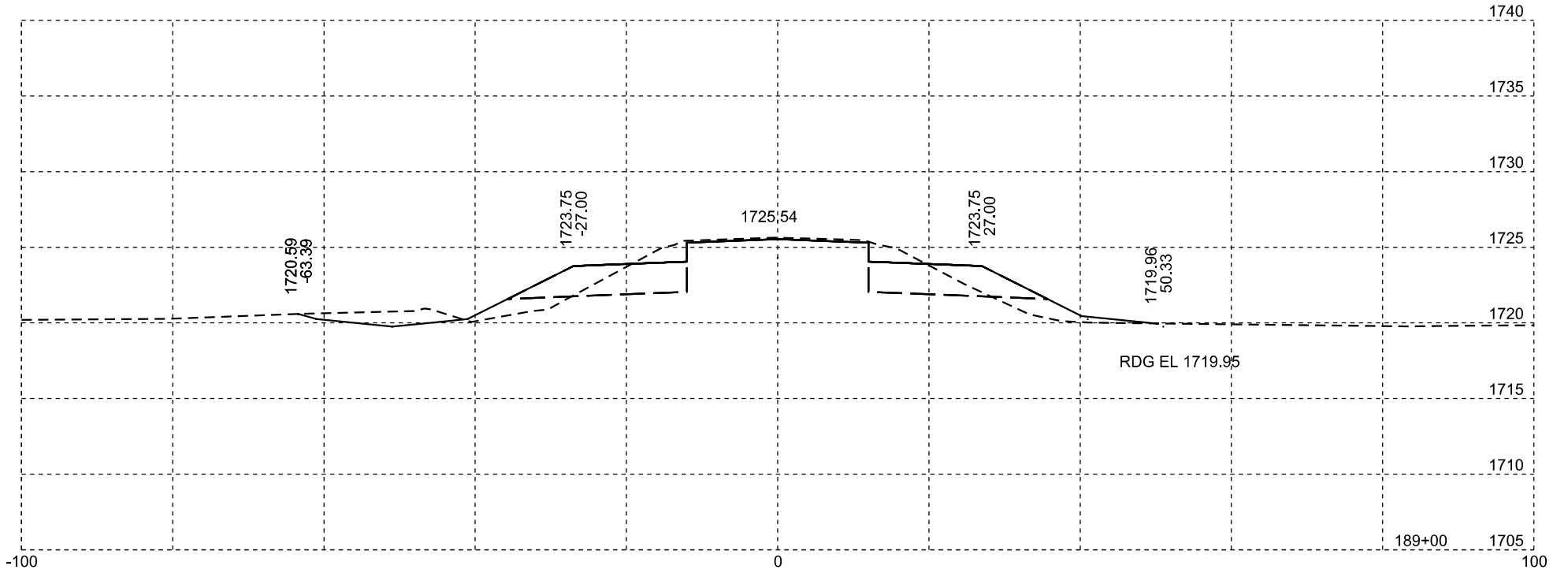
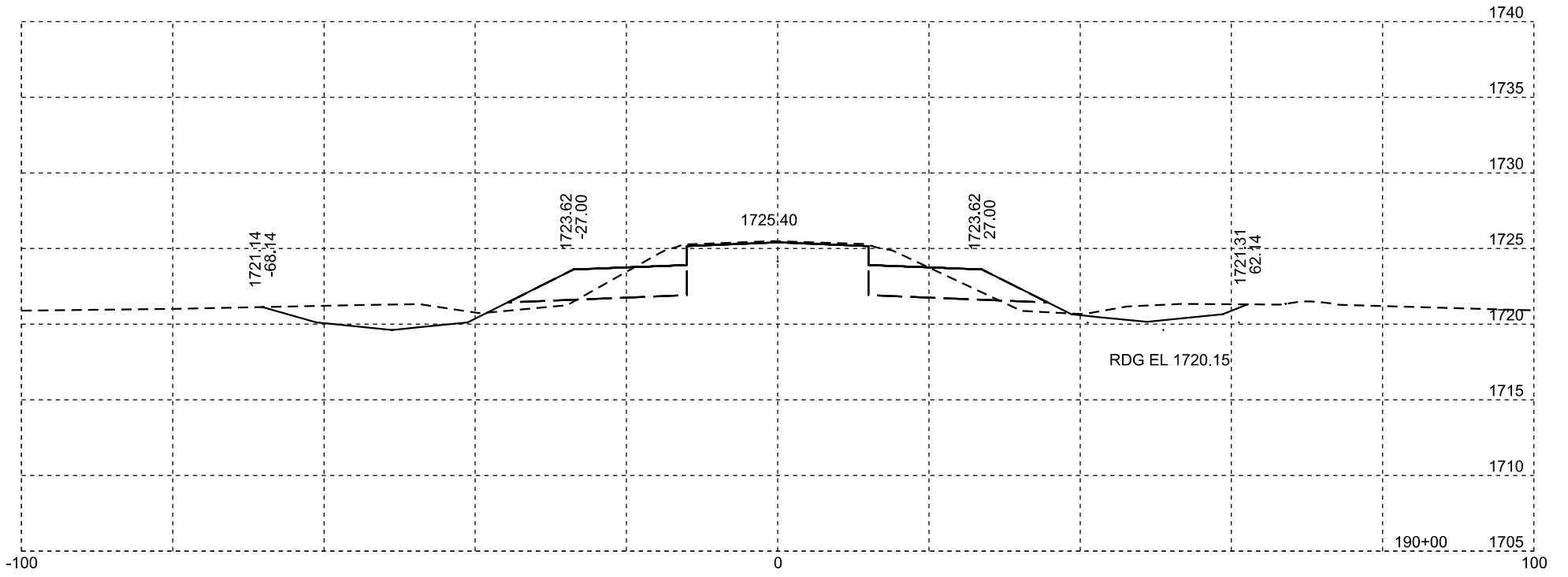
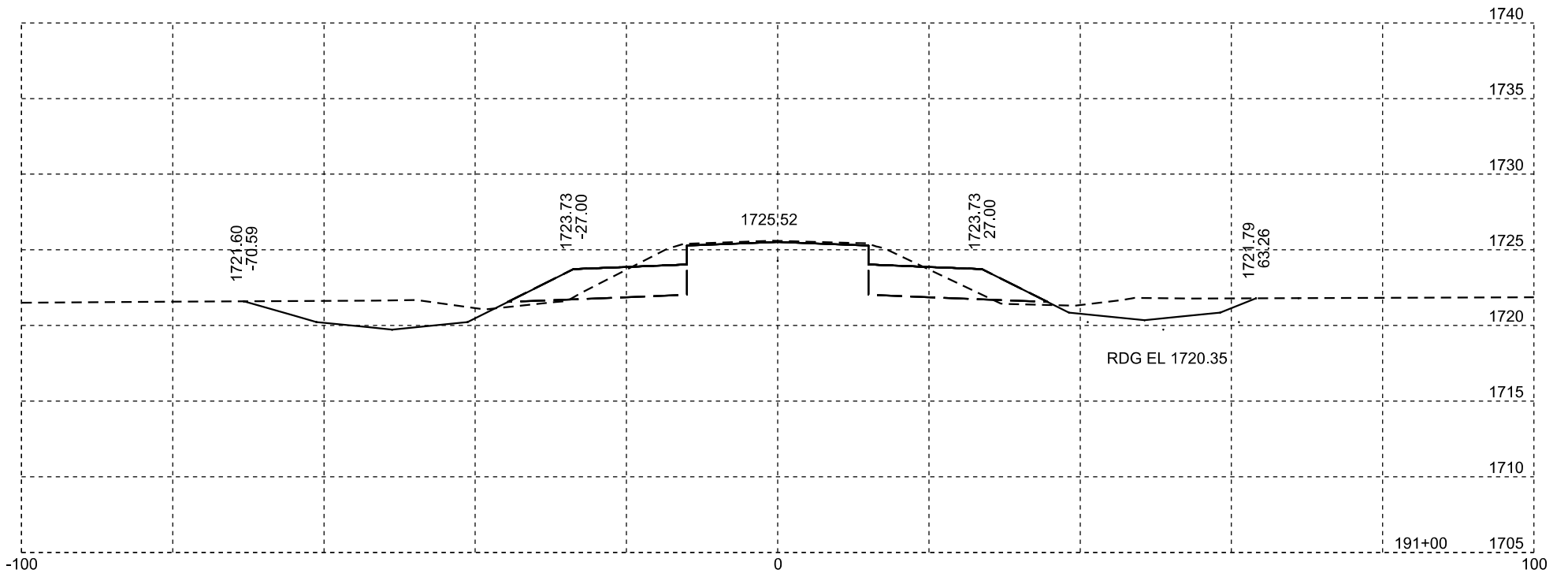
Revised Date: 01/17/2025 MDJ
 Plotting Date: 01/17/2025

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X50	X110



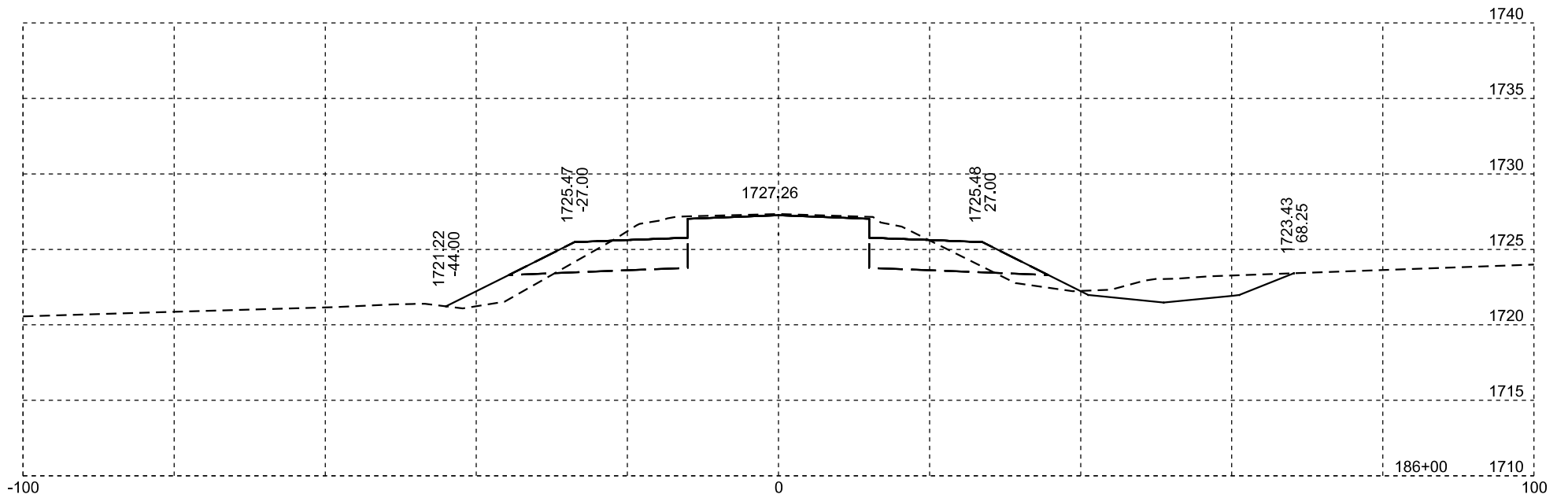
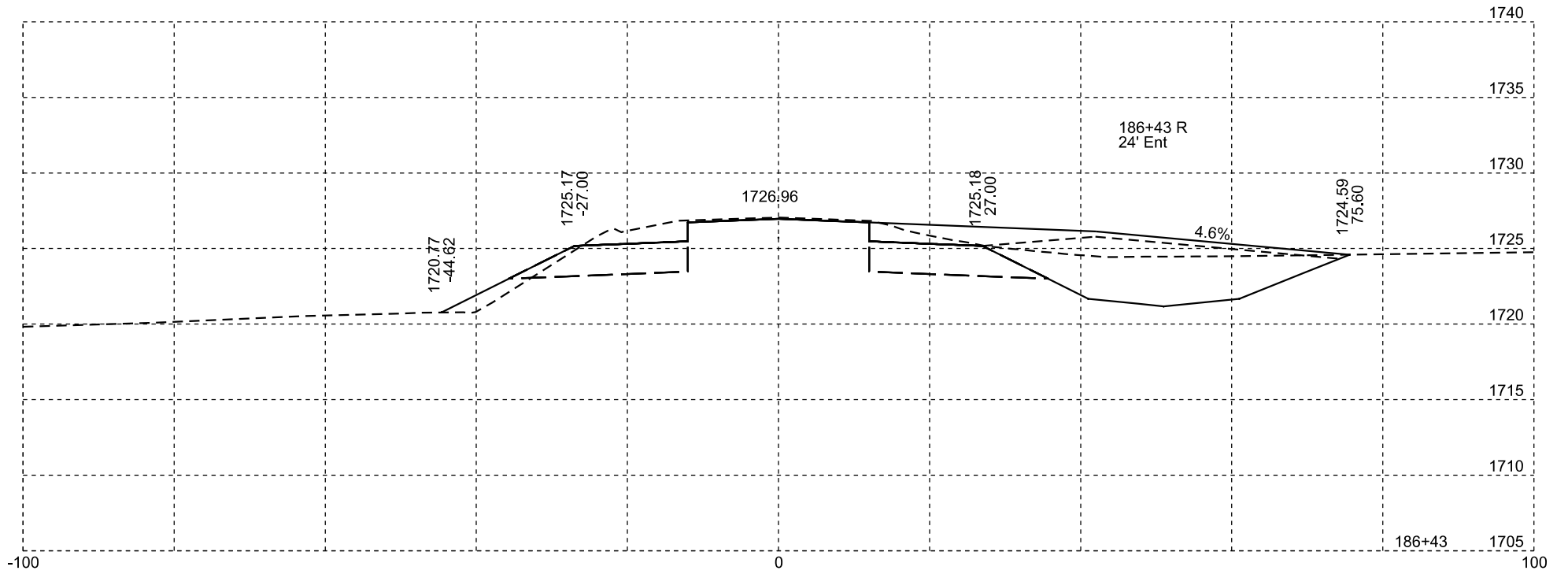
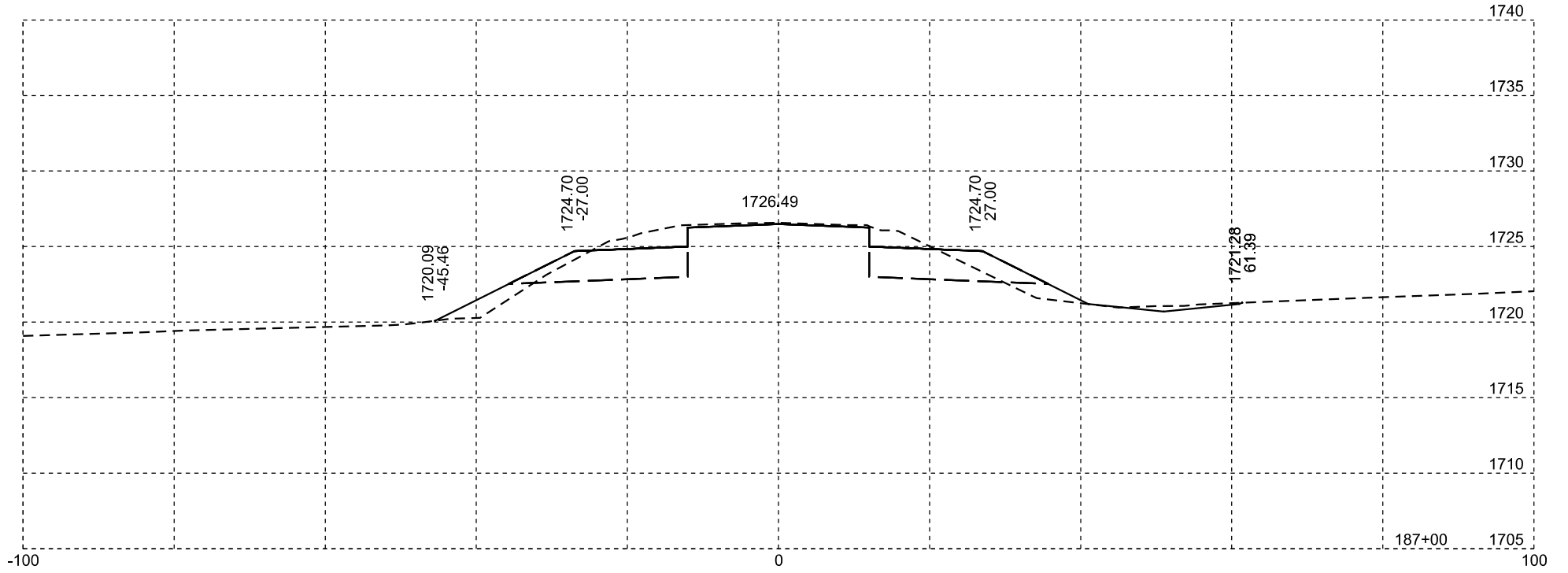
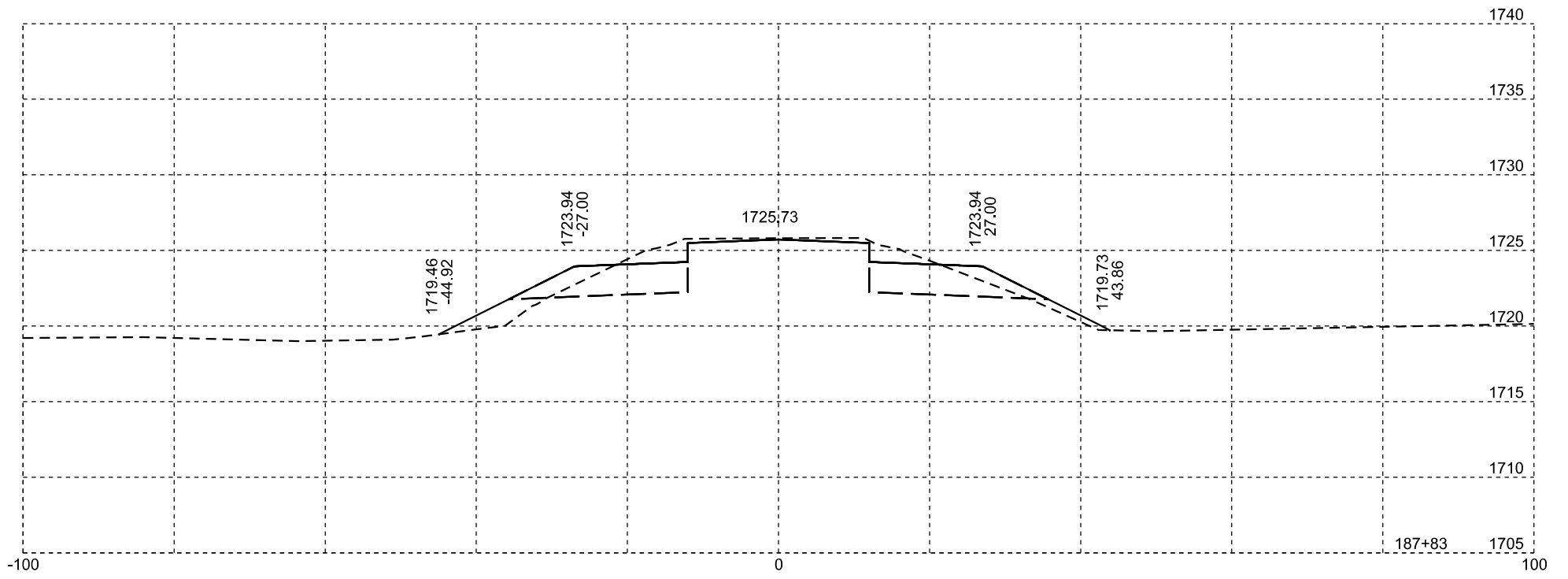
MDJ
 Revise Date: 11/02/2023
 Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X51	X110



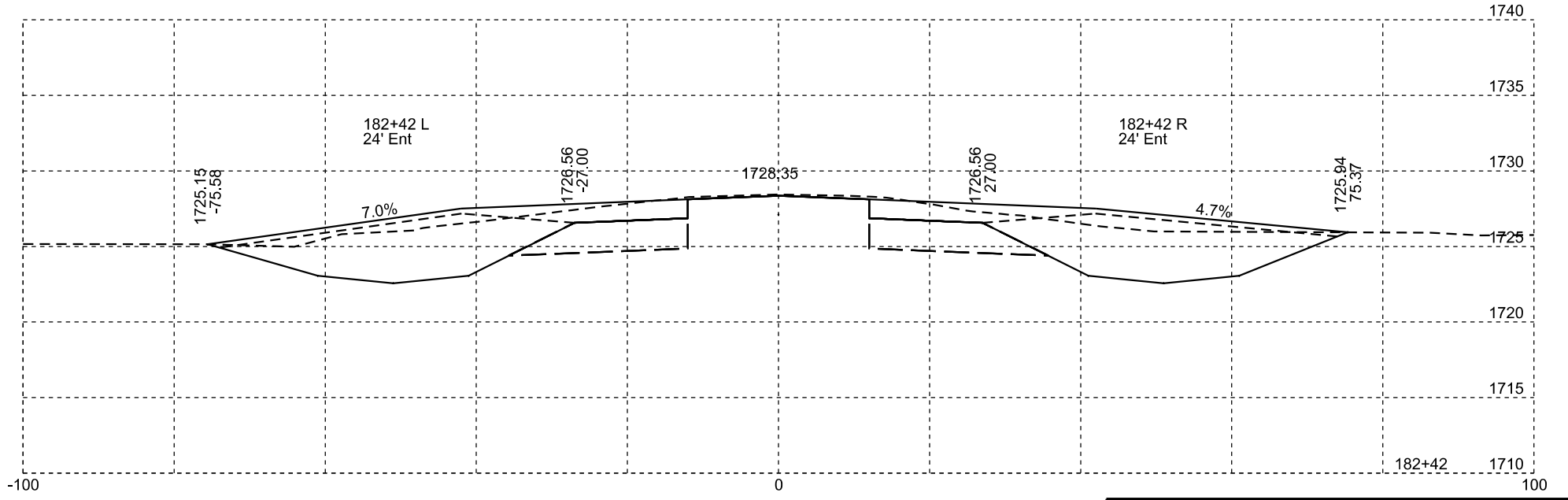
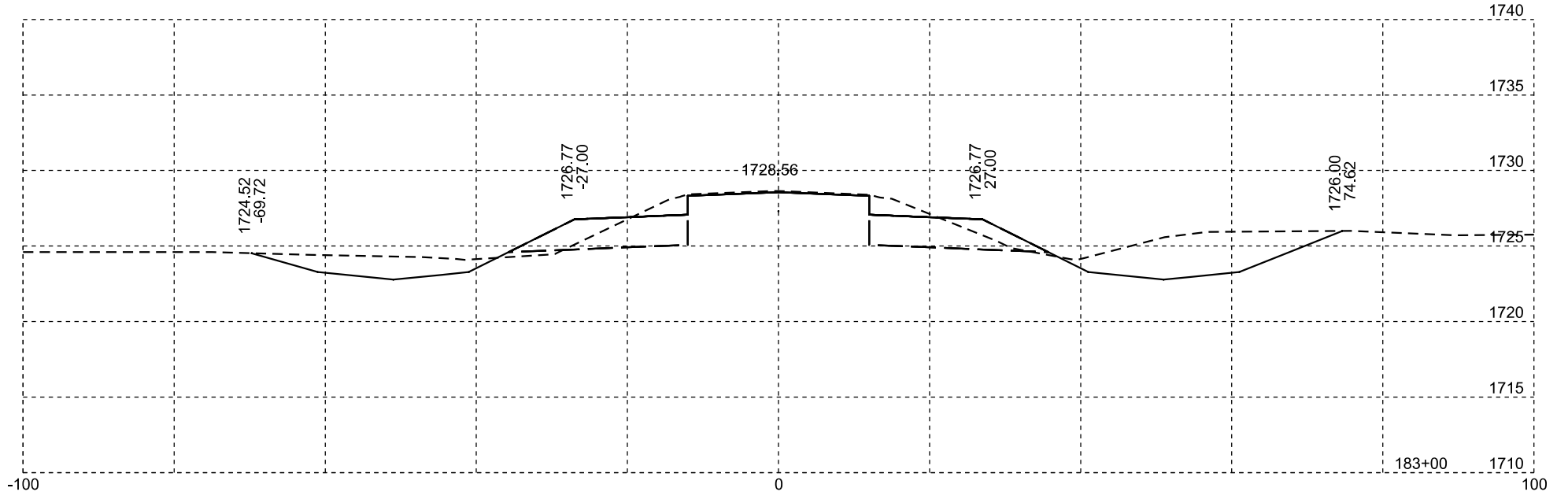
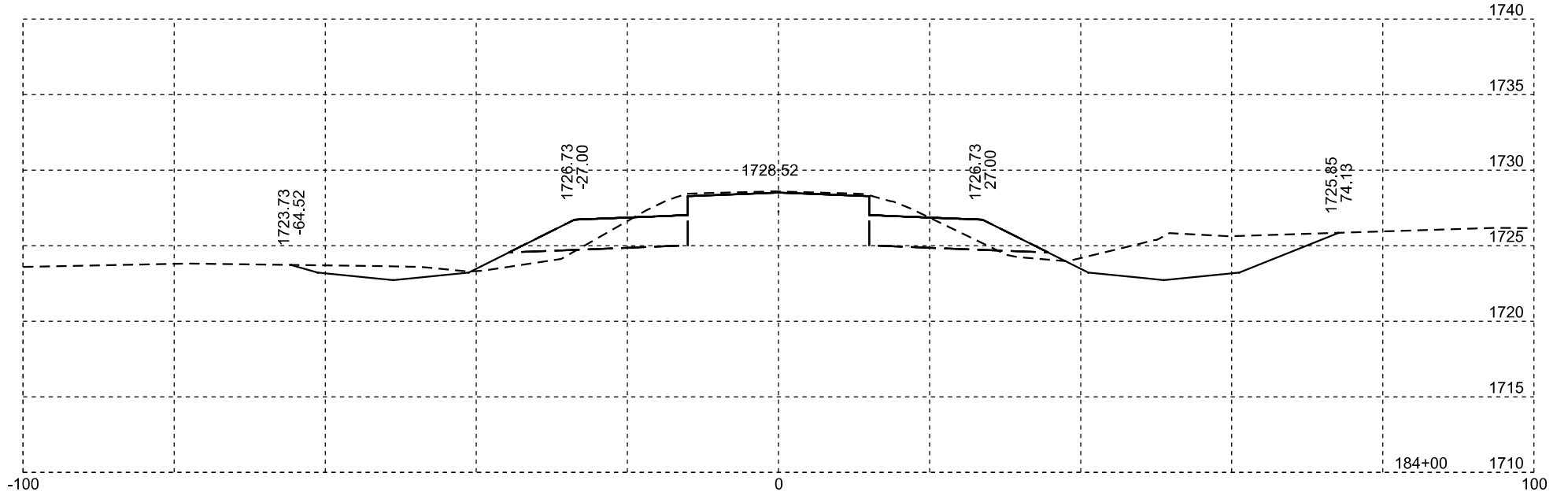
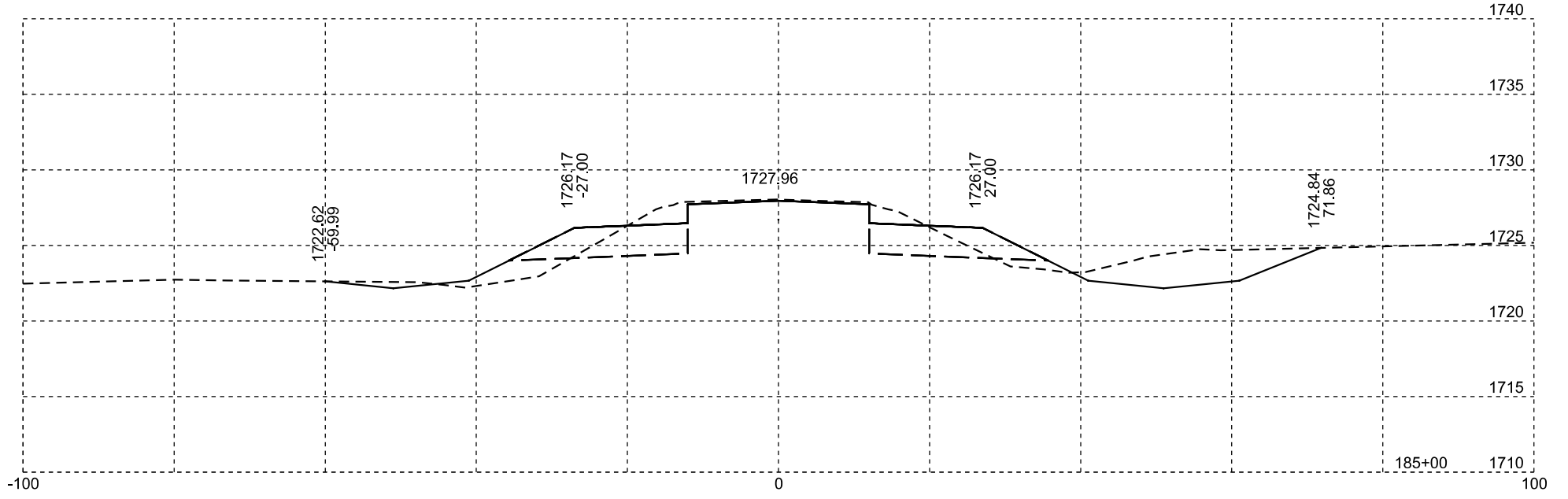
MDJ
 Revise Date: 11/02/2023
 Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X52	X110



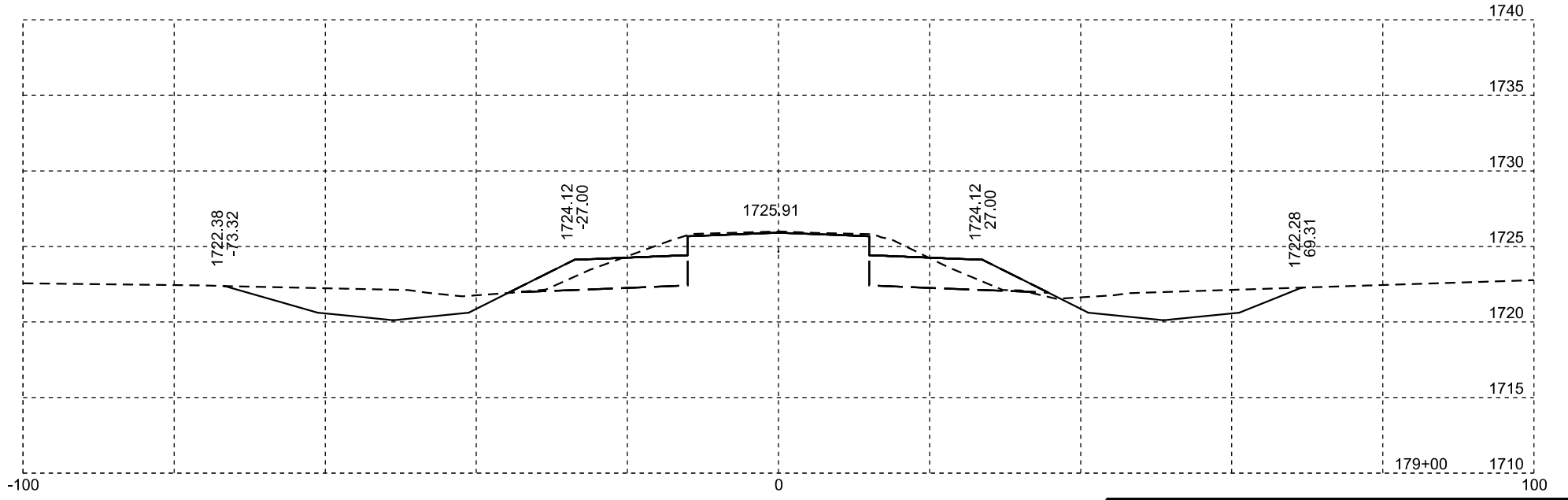
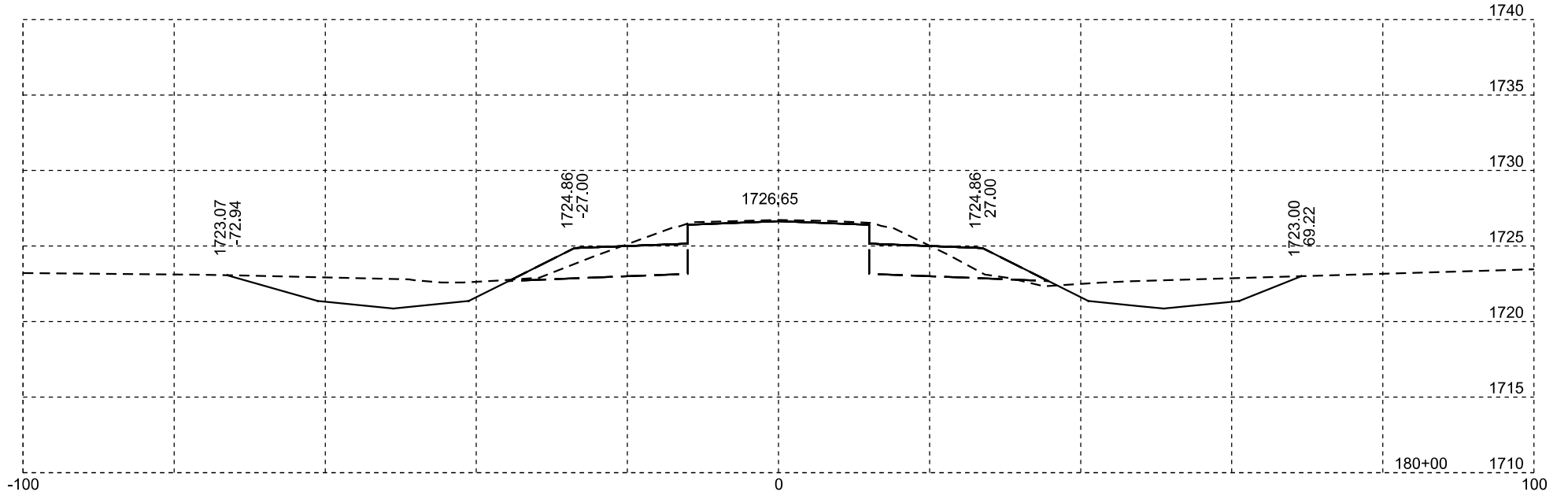
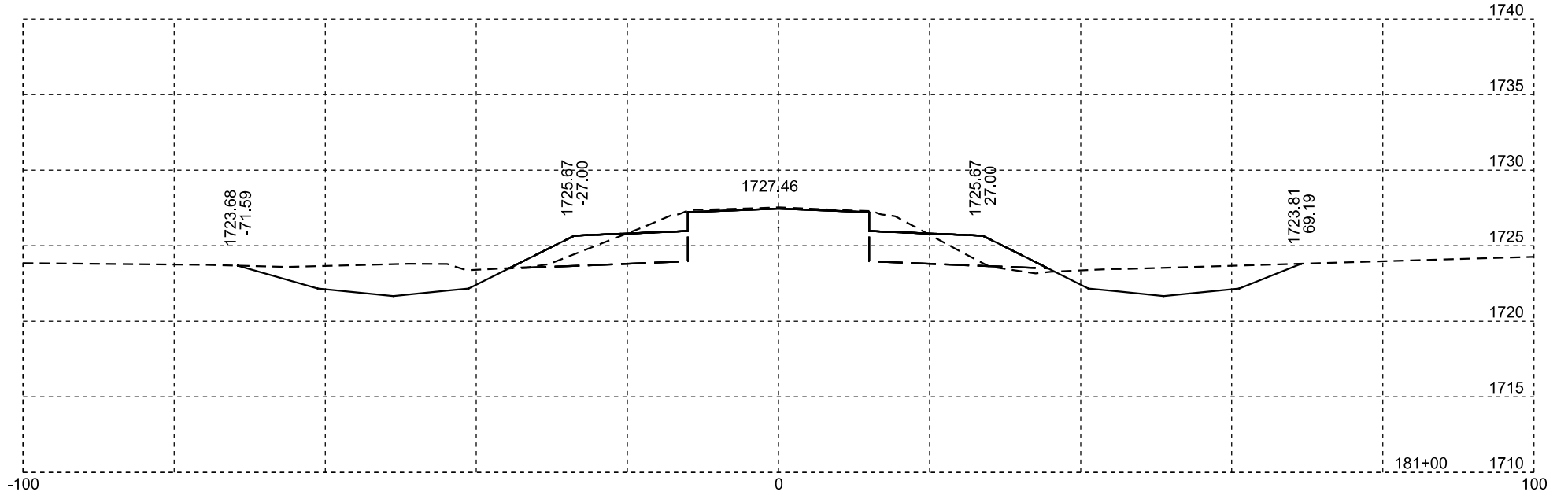
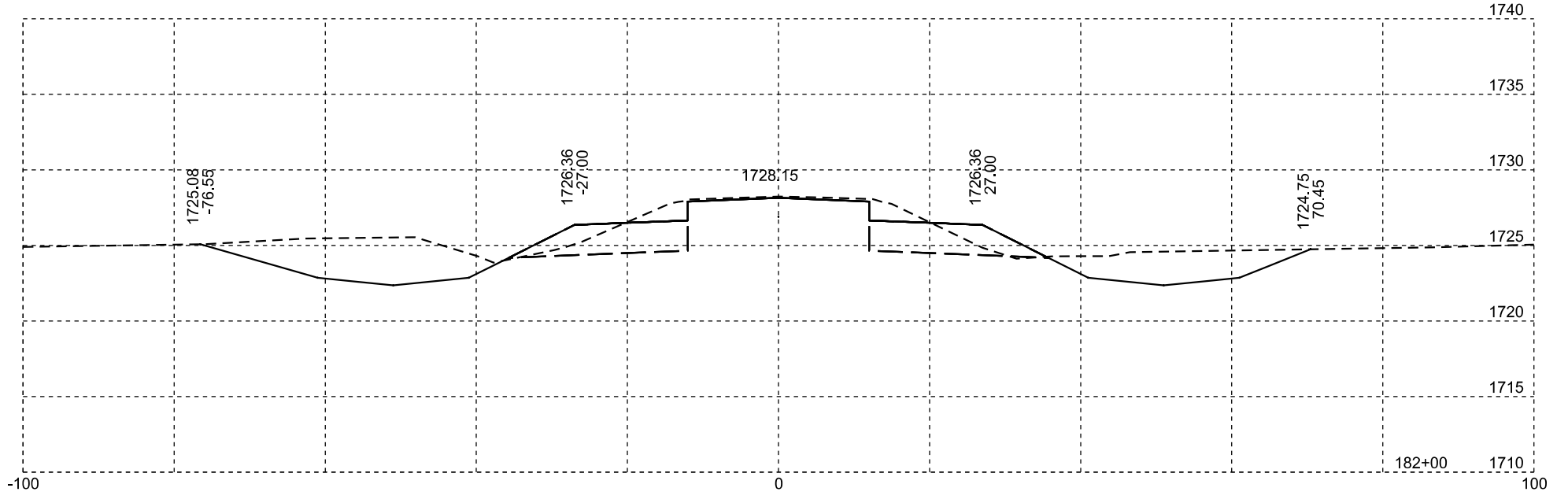
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X53	X110



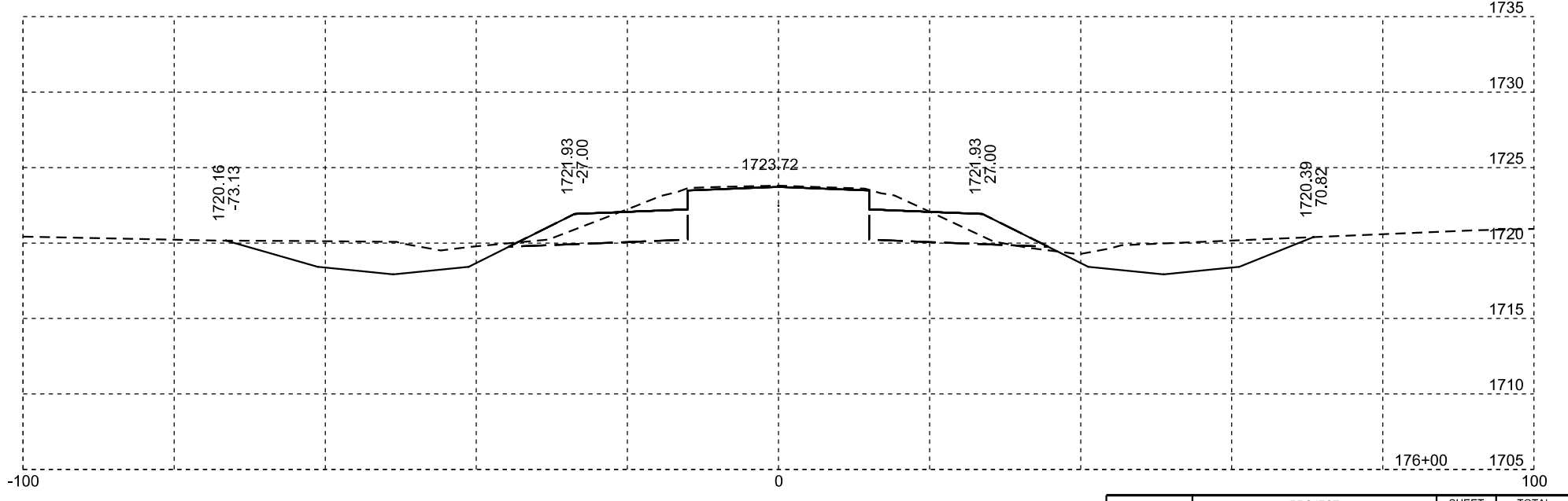
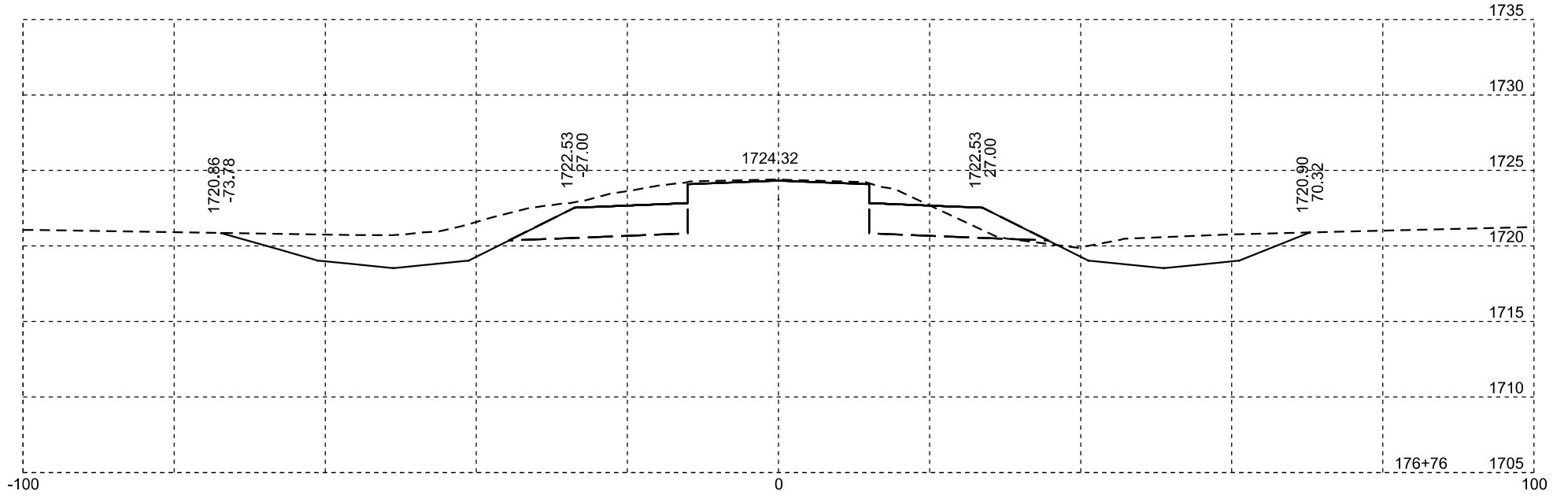
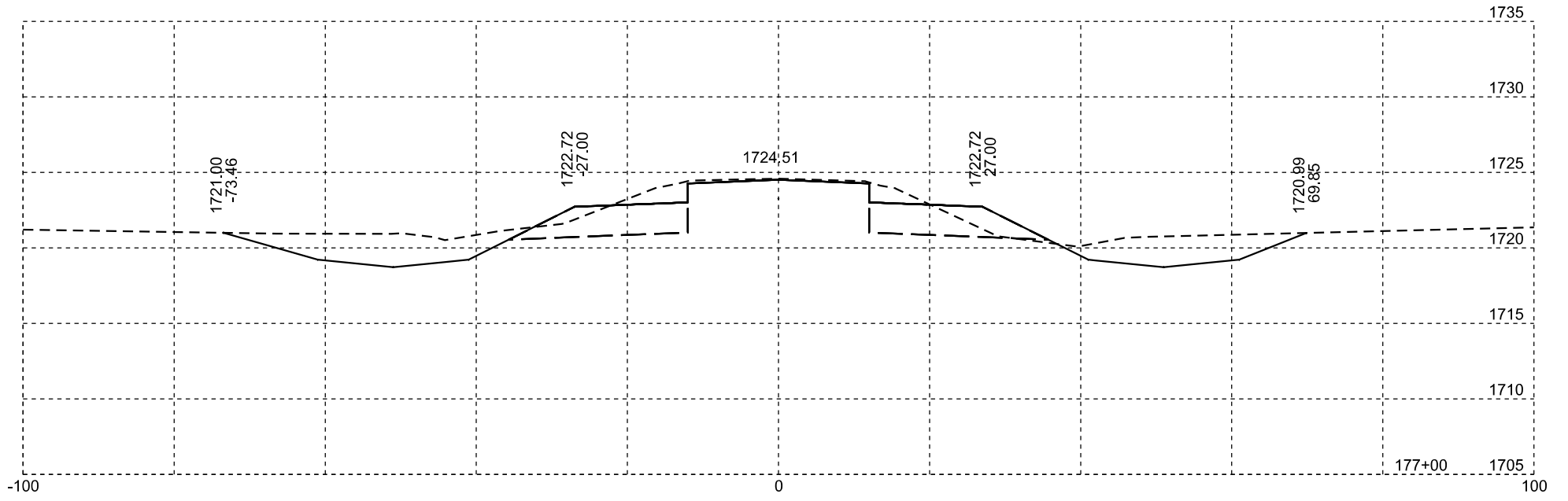
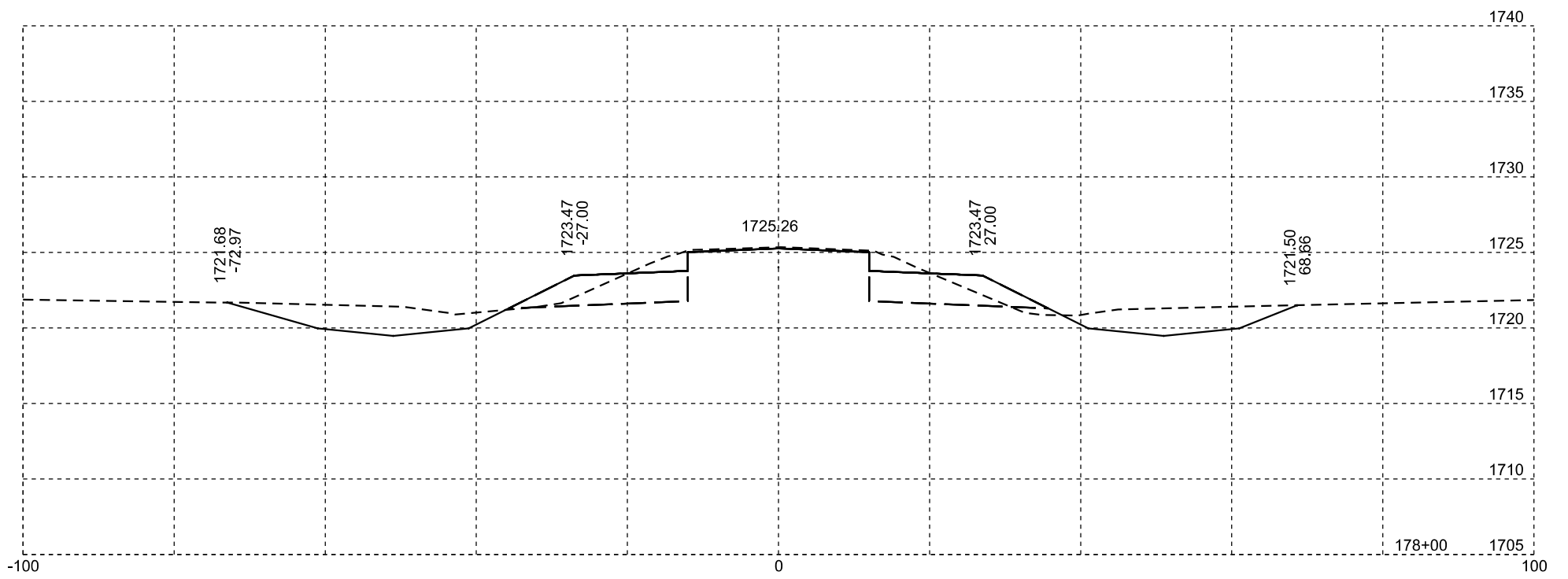
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X54	X110



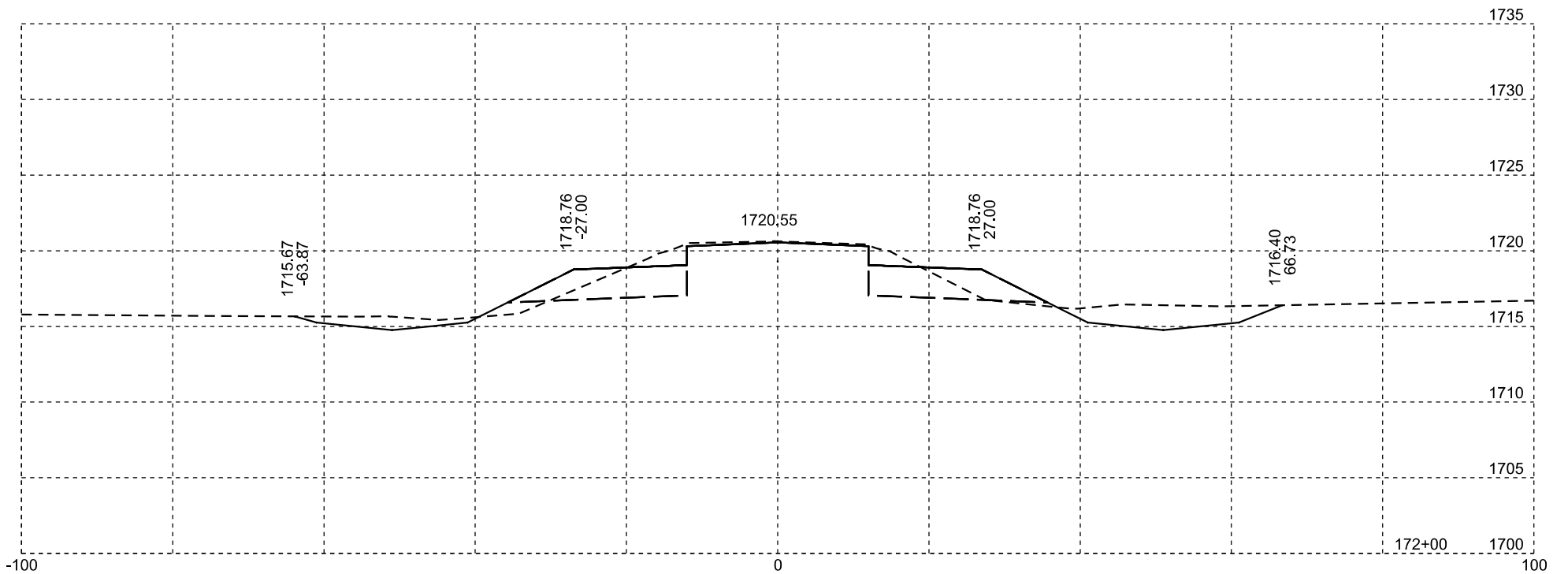
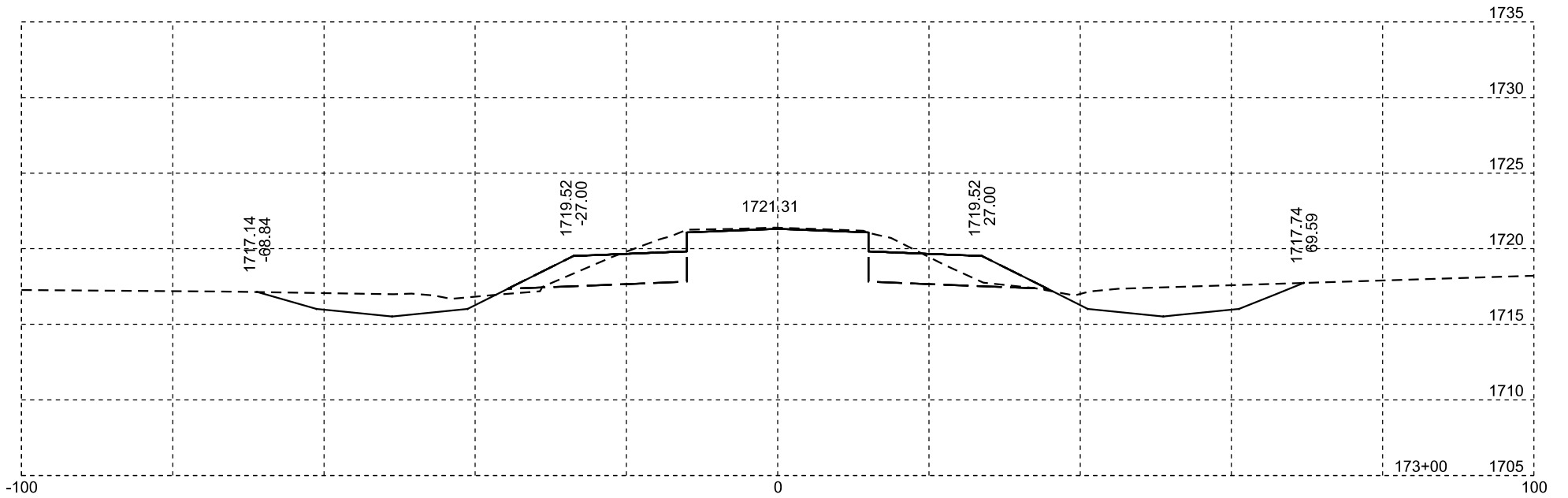
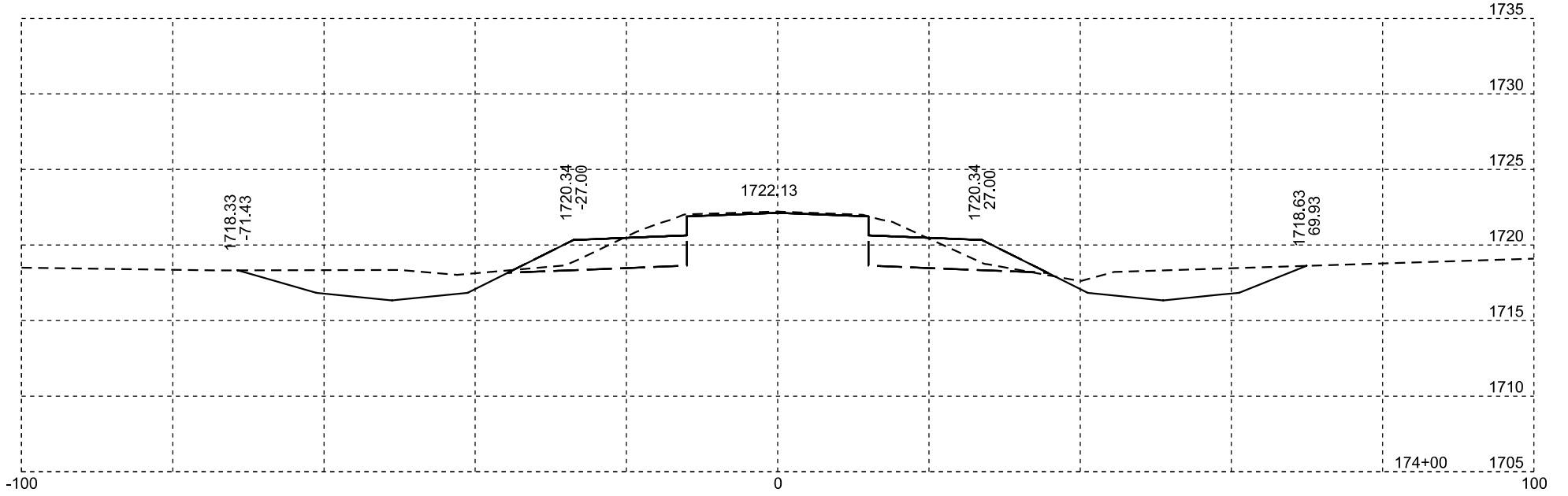
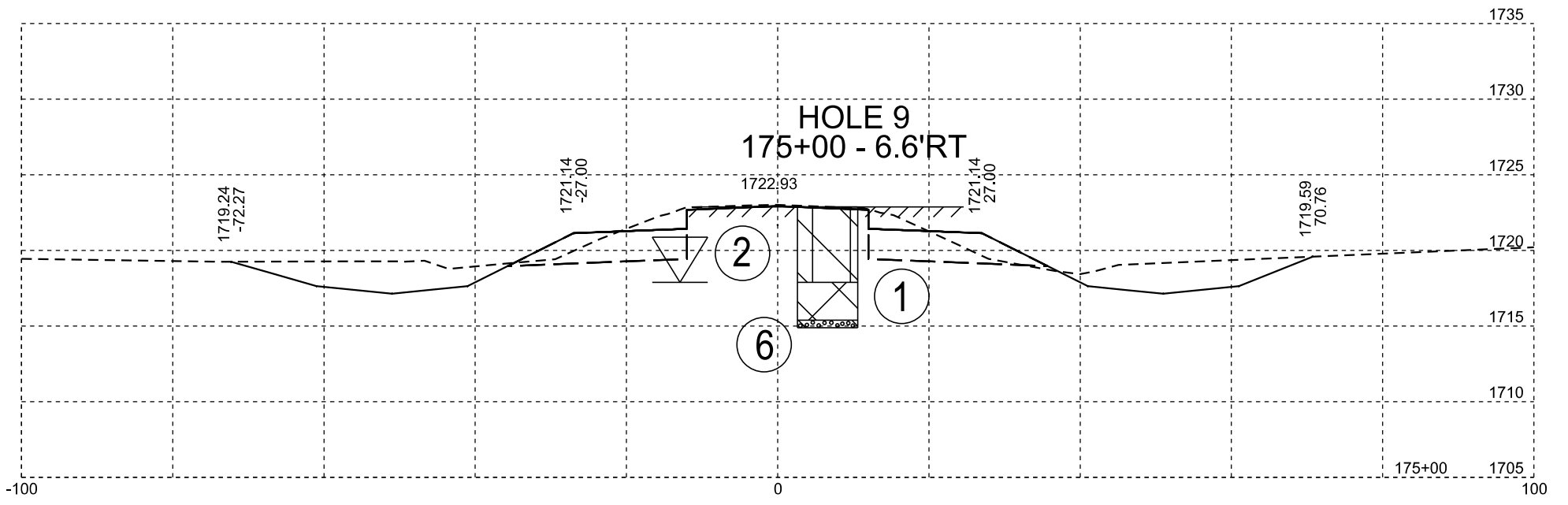
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X55	X110



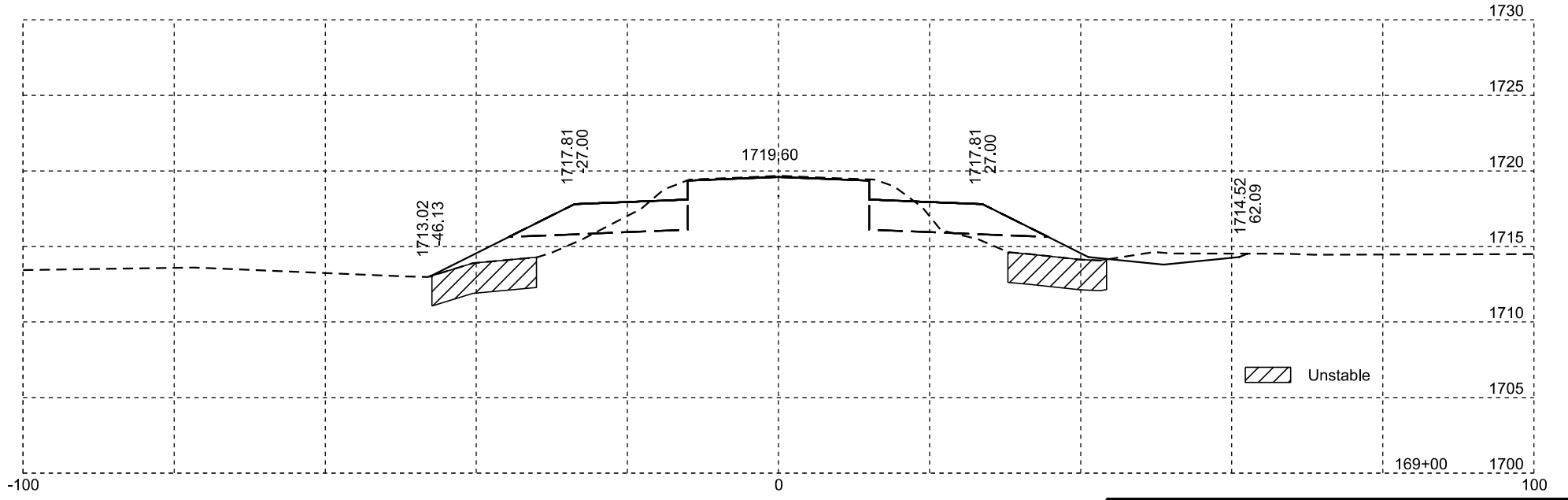
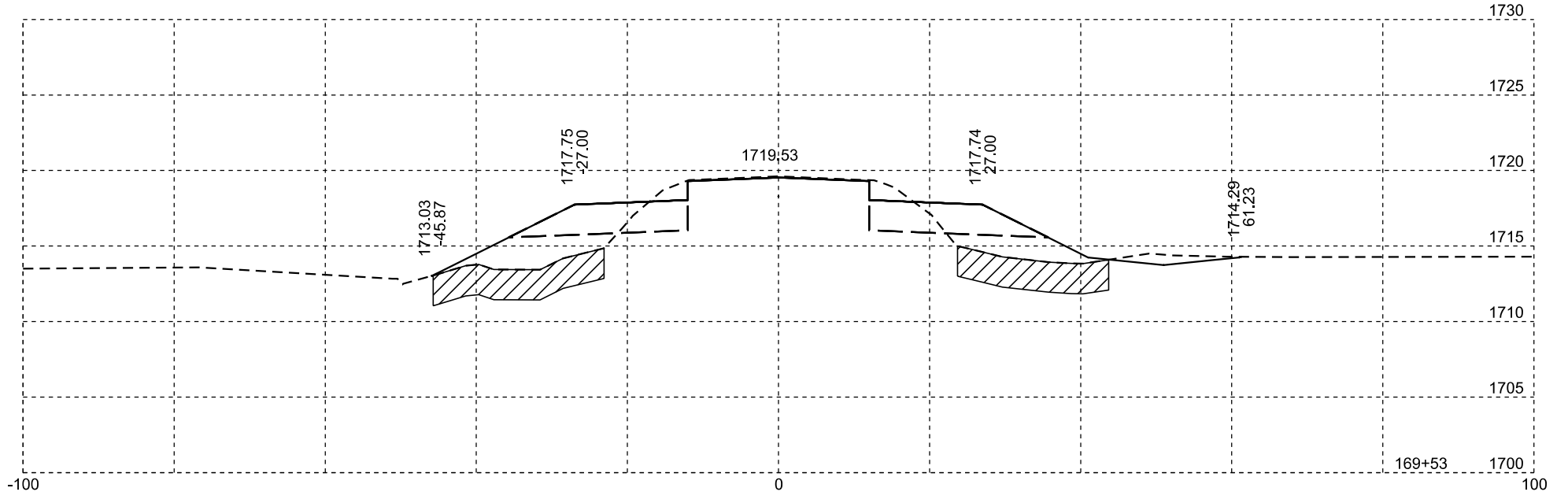
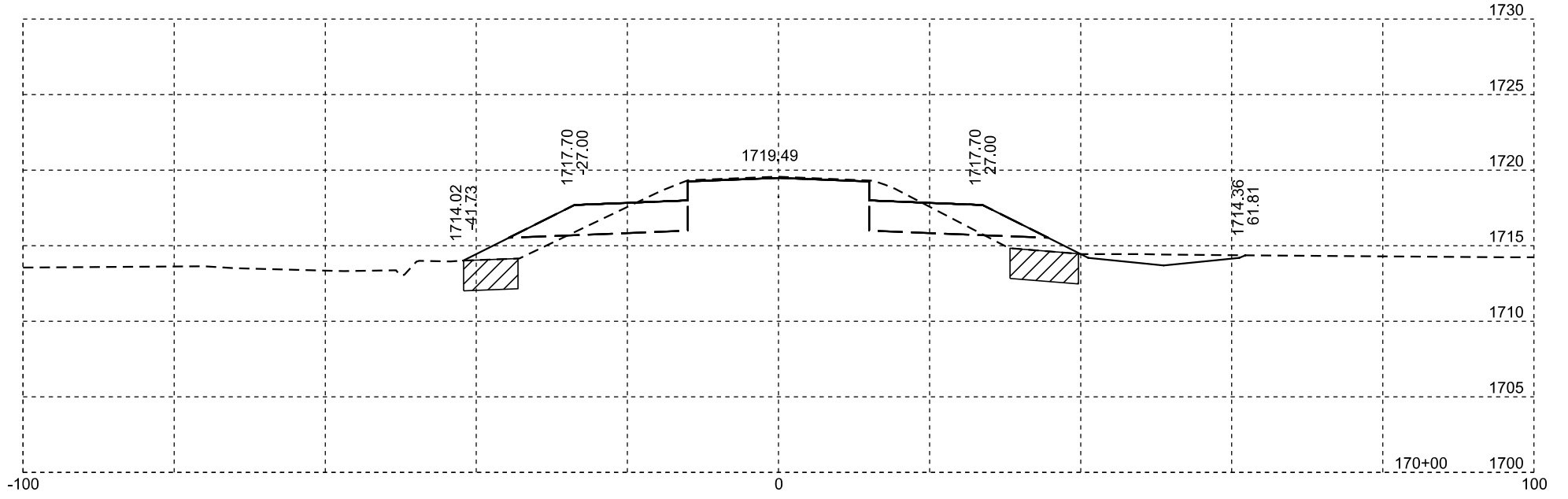
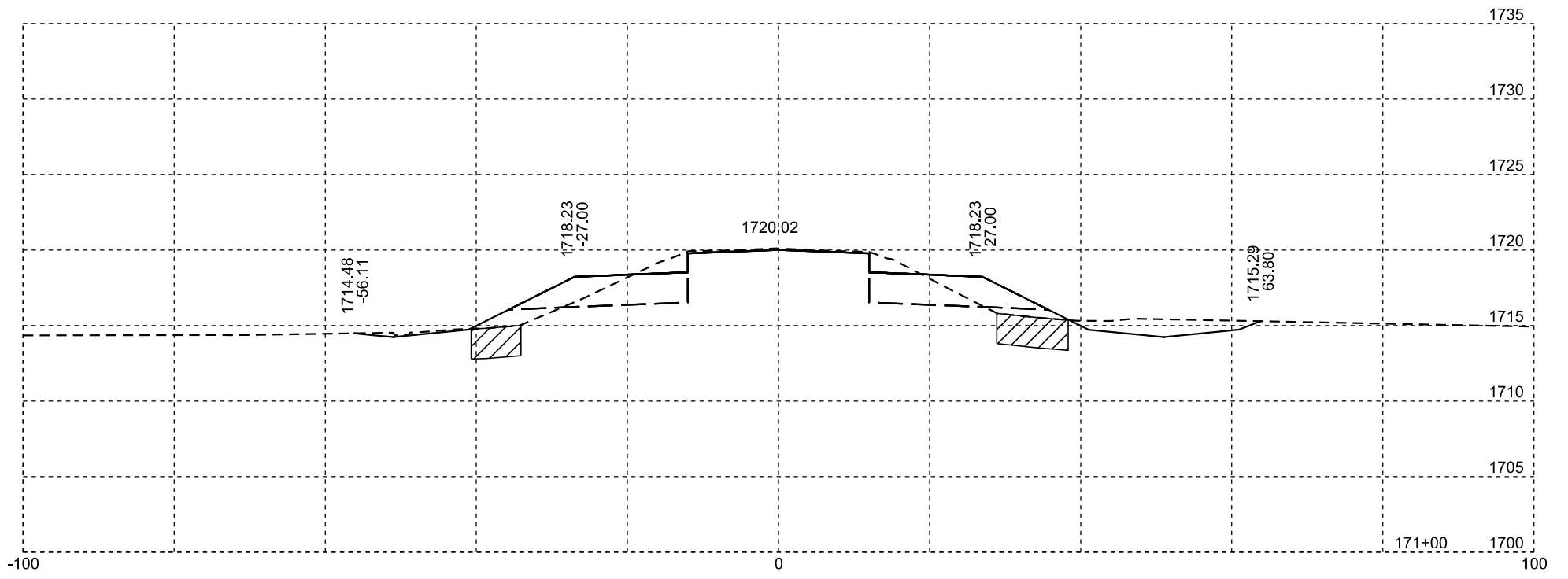
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X56	X110



Plotting Date: 04/15/2024

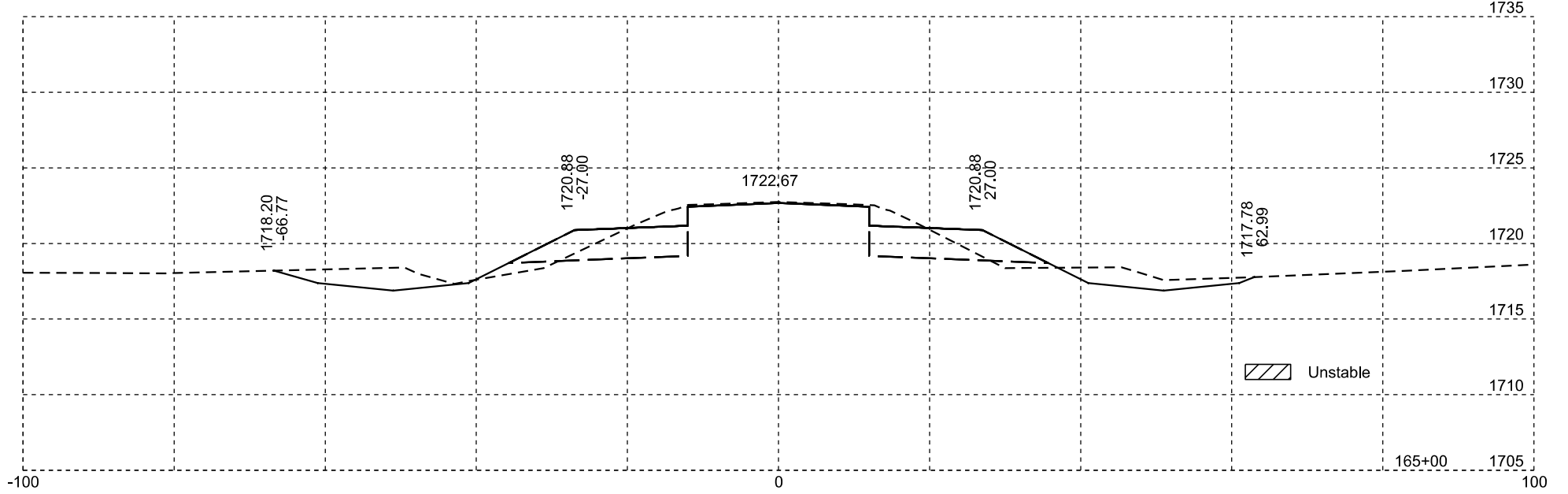
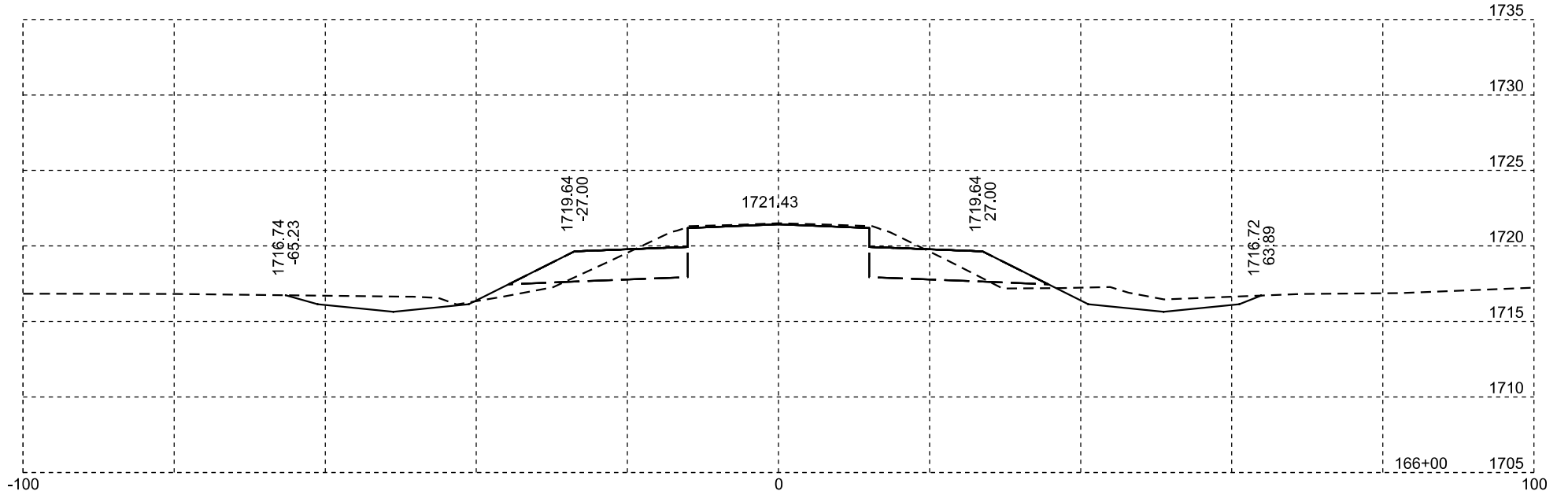
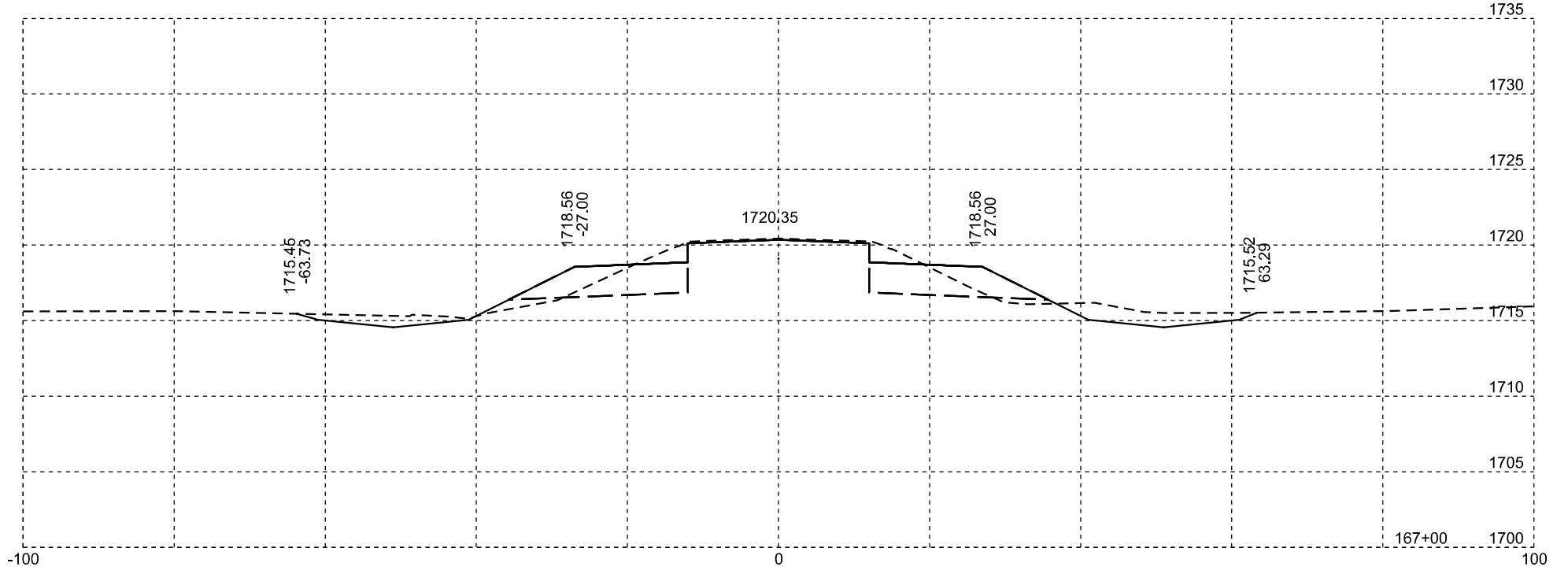
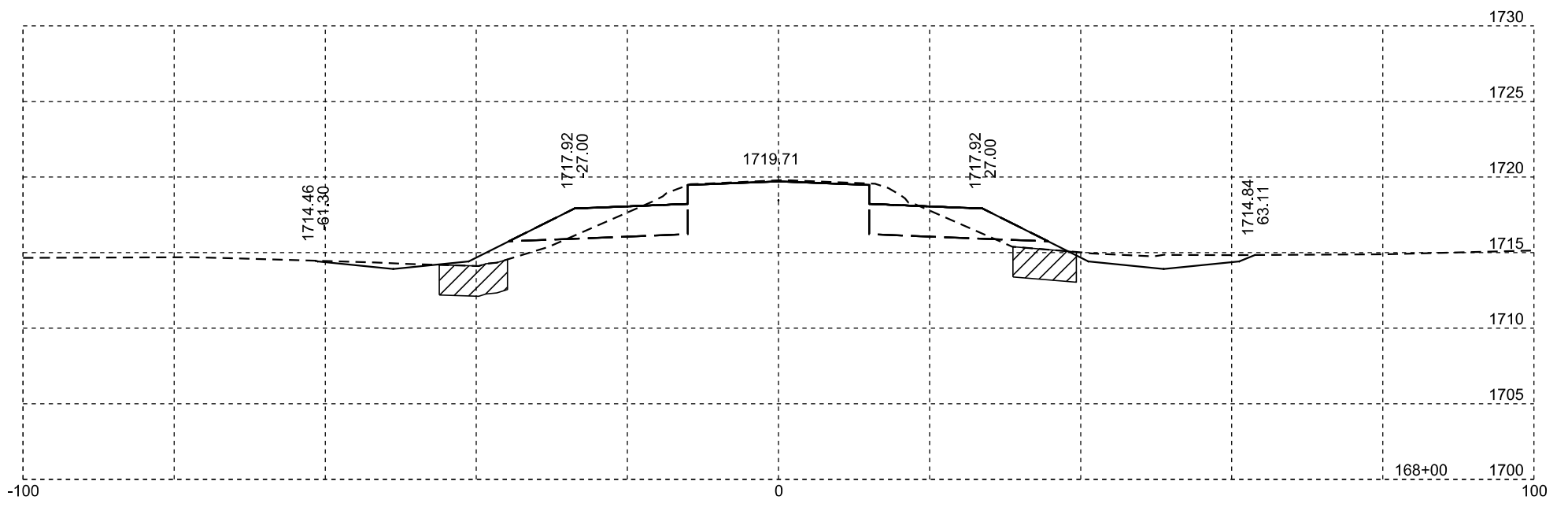
STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X57	X110



Unstable

Plotting Date: 04/15/2024

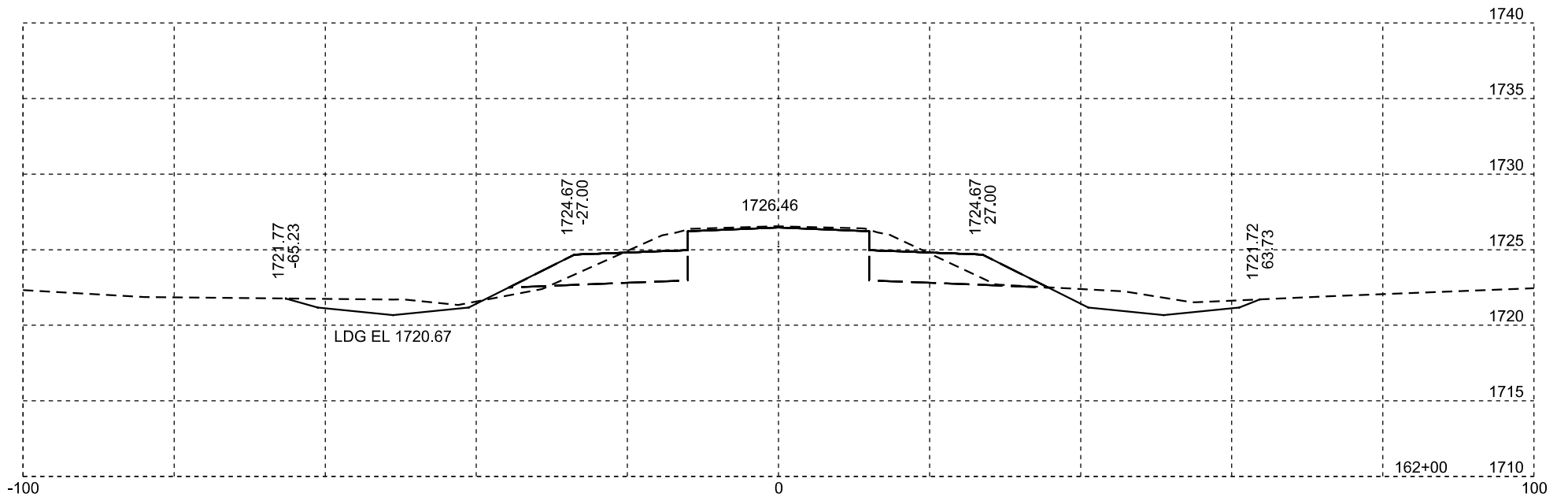
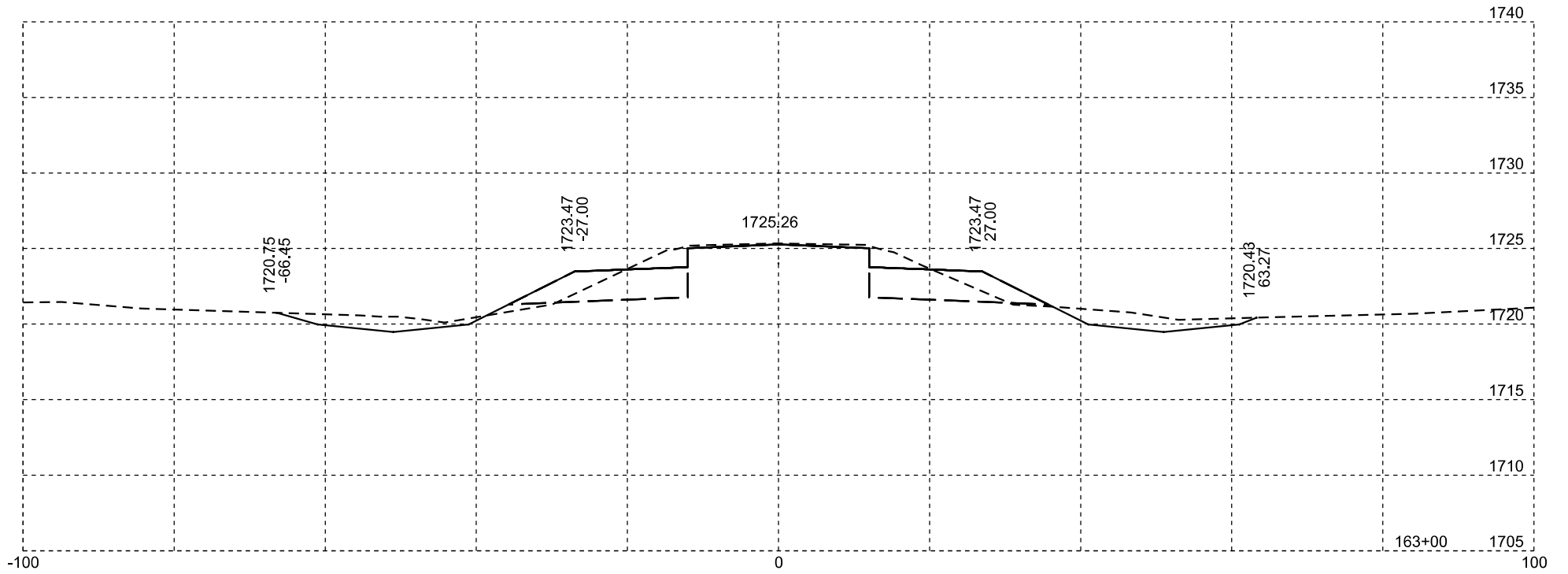
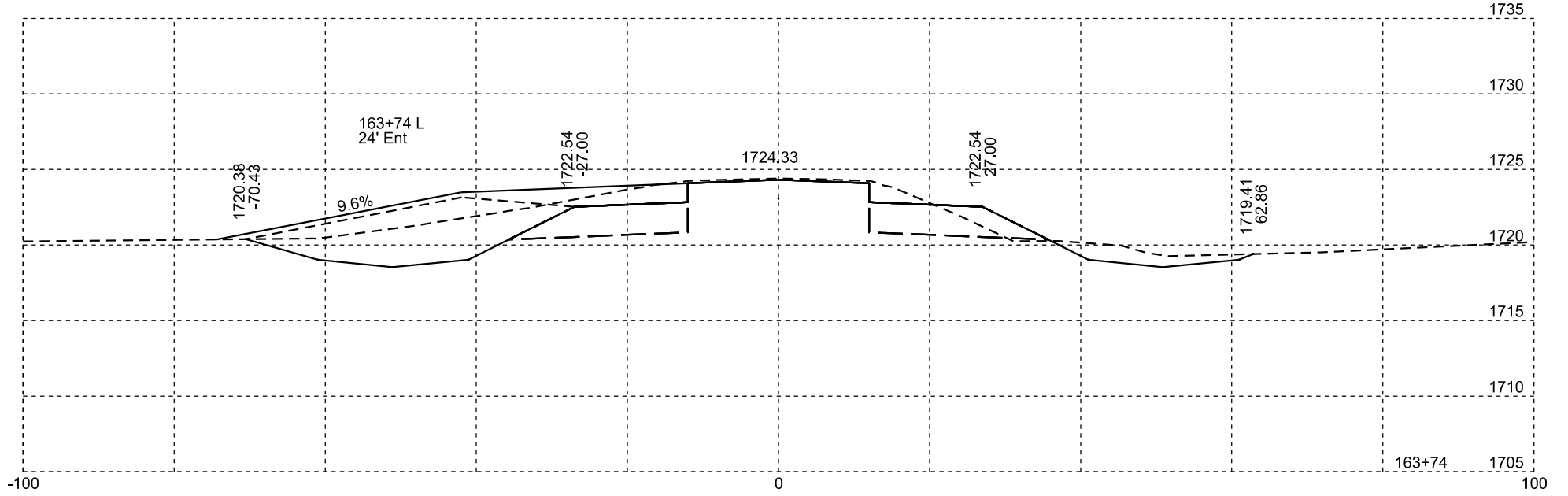
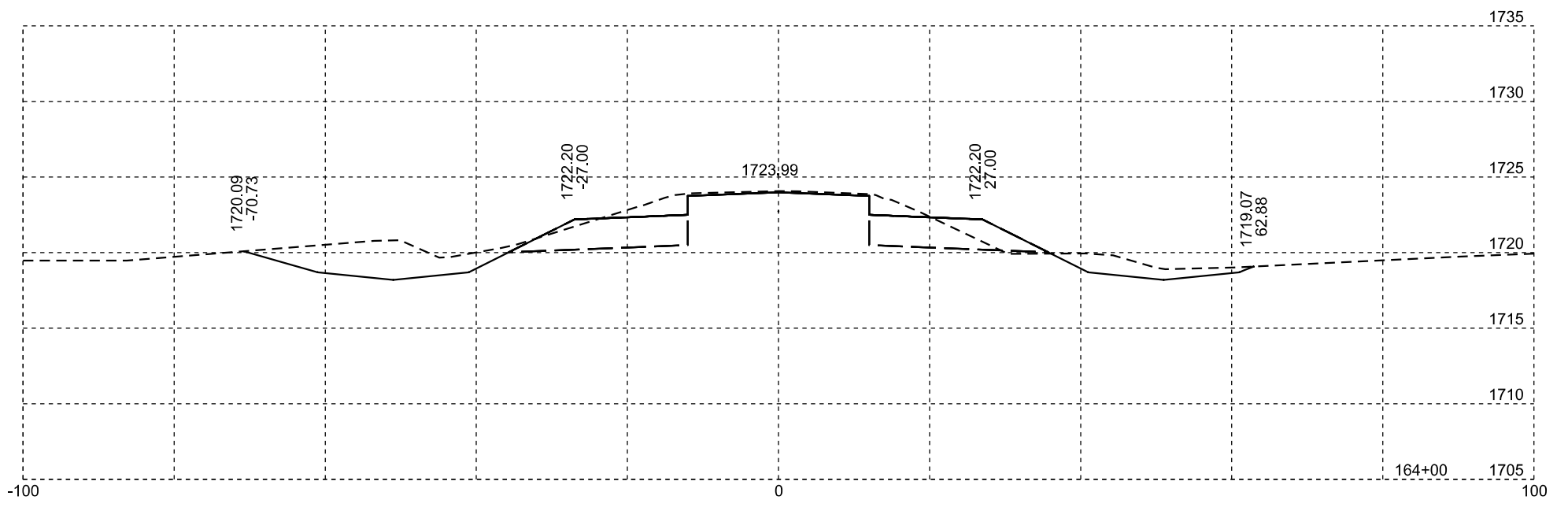
STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X58	X110



Unstable

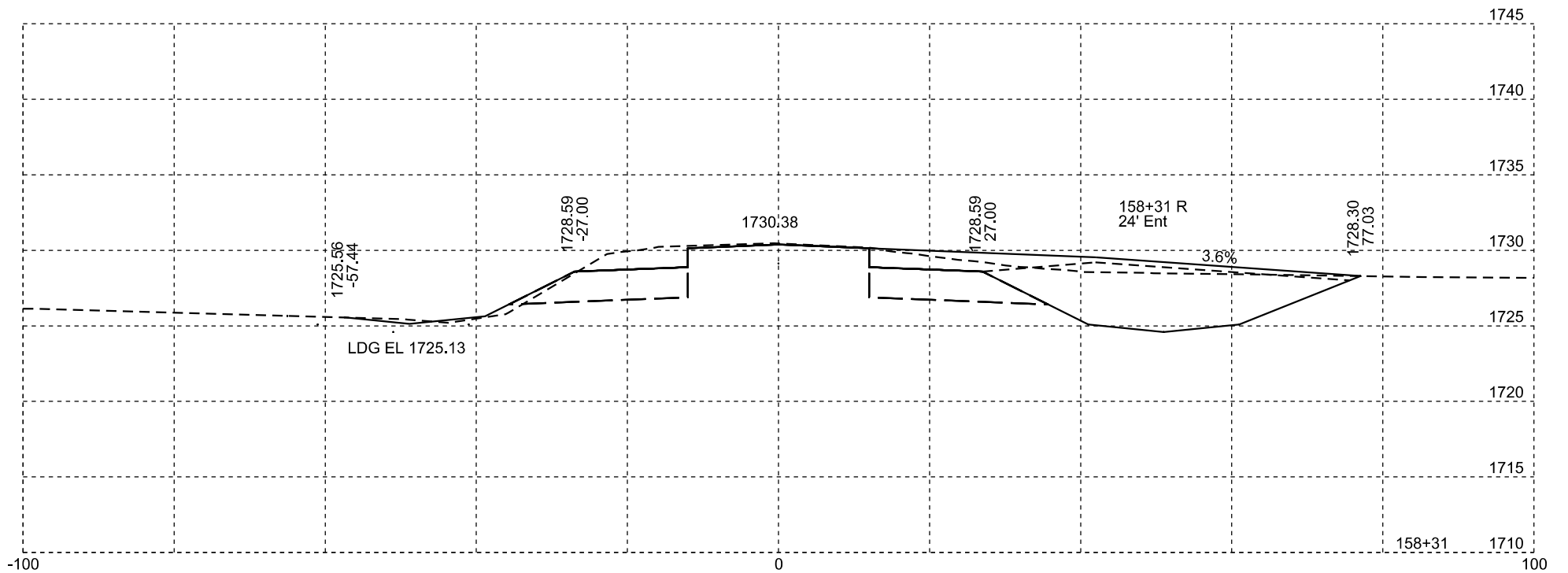
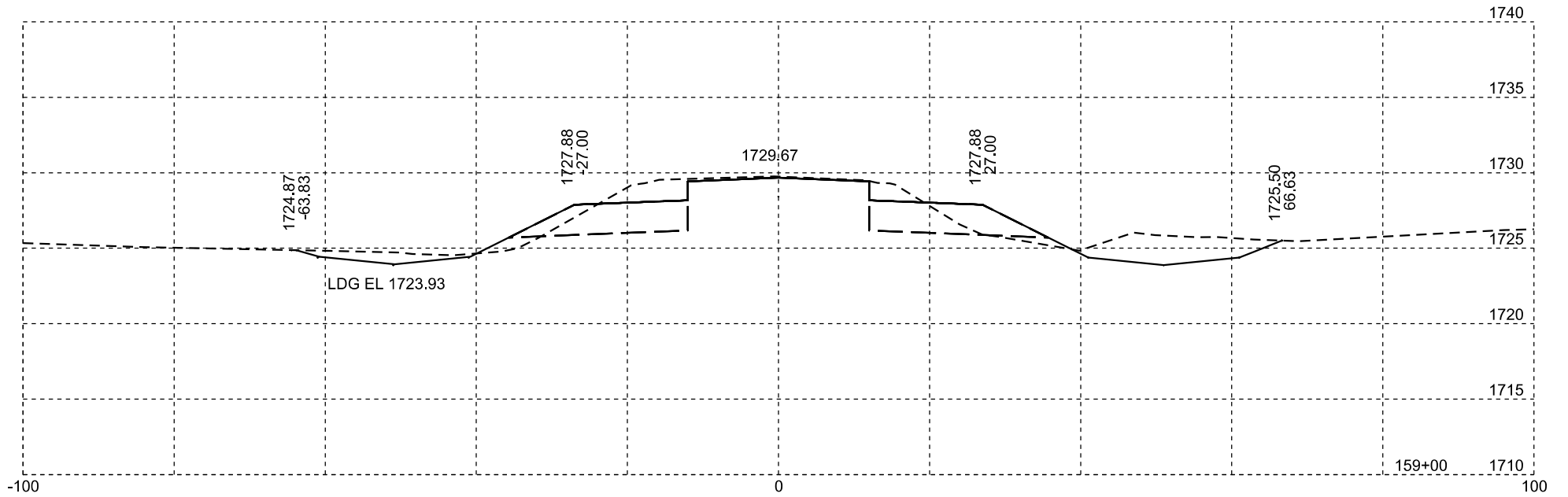
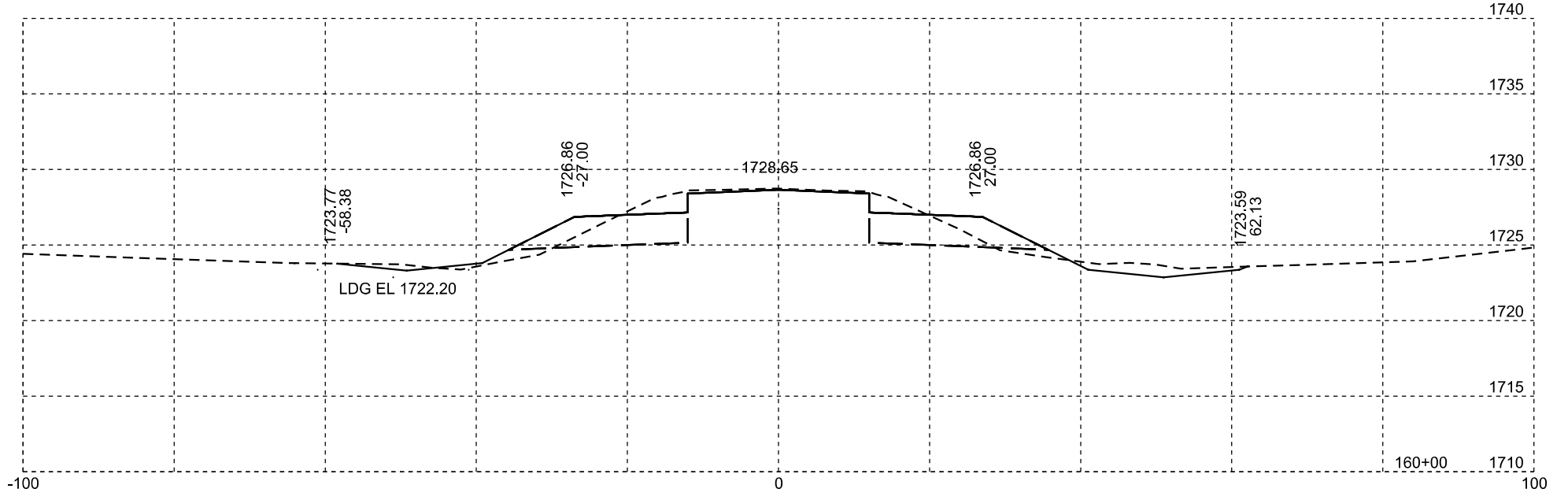
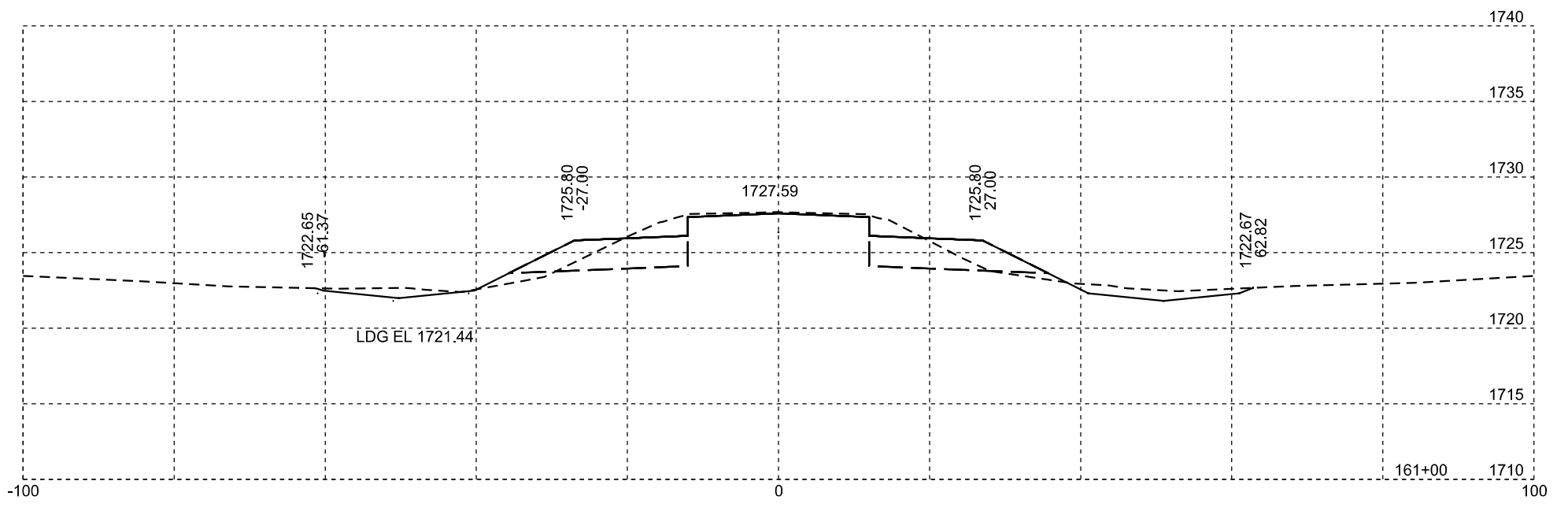
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X59	X110



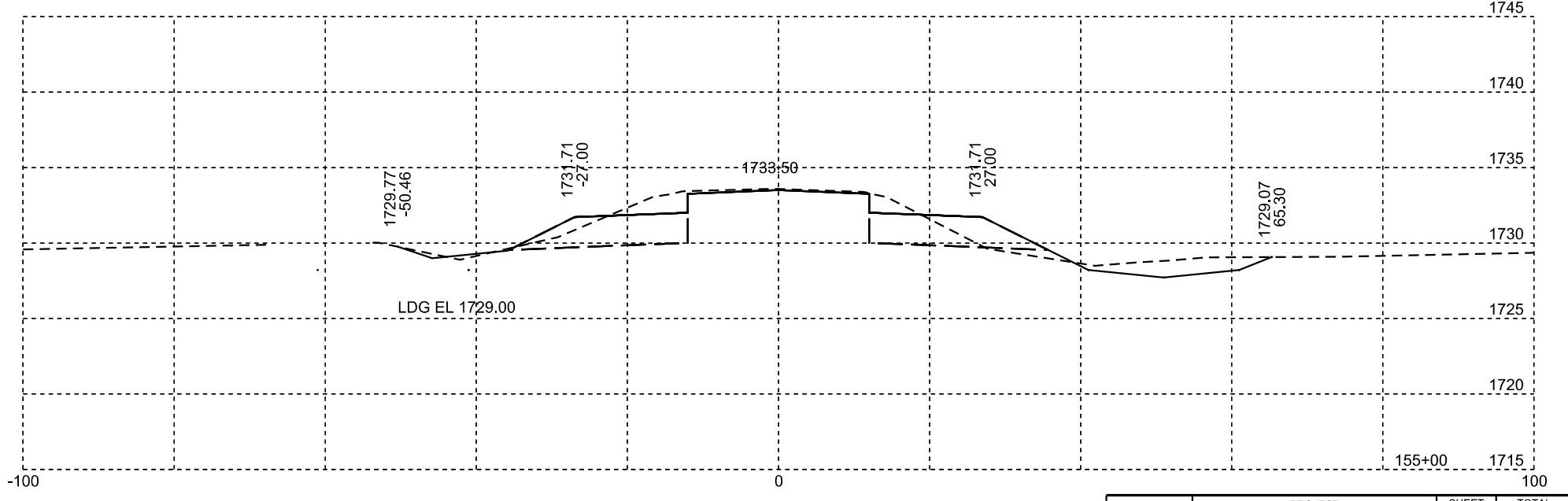
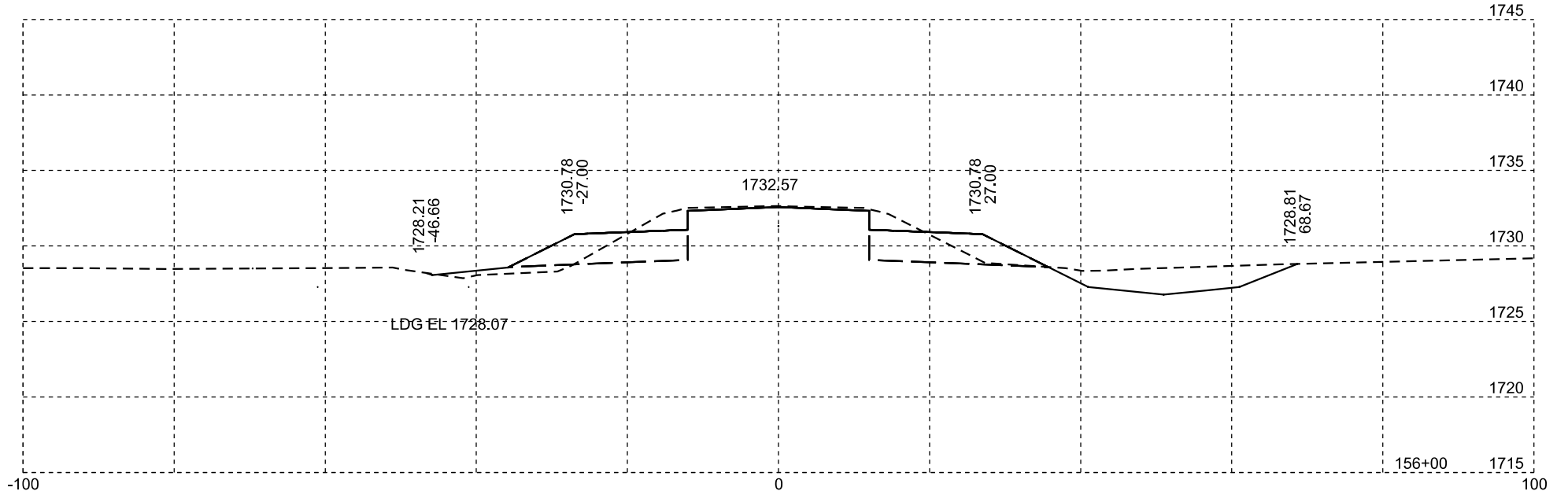
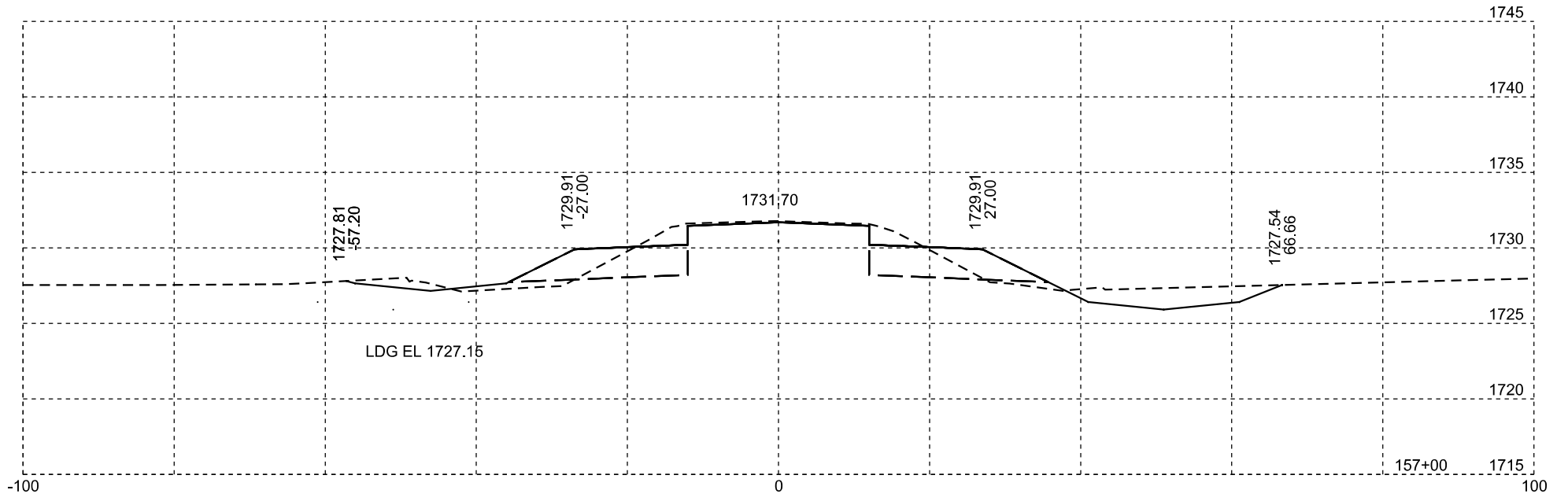
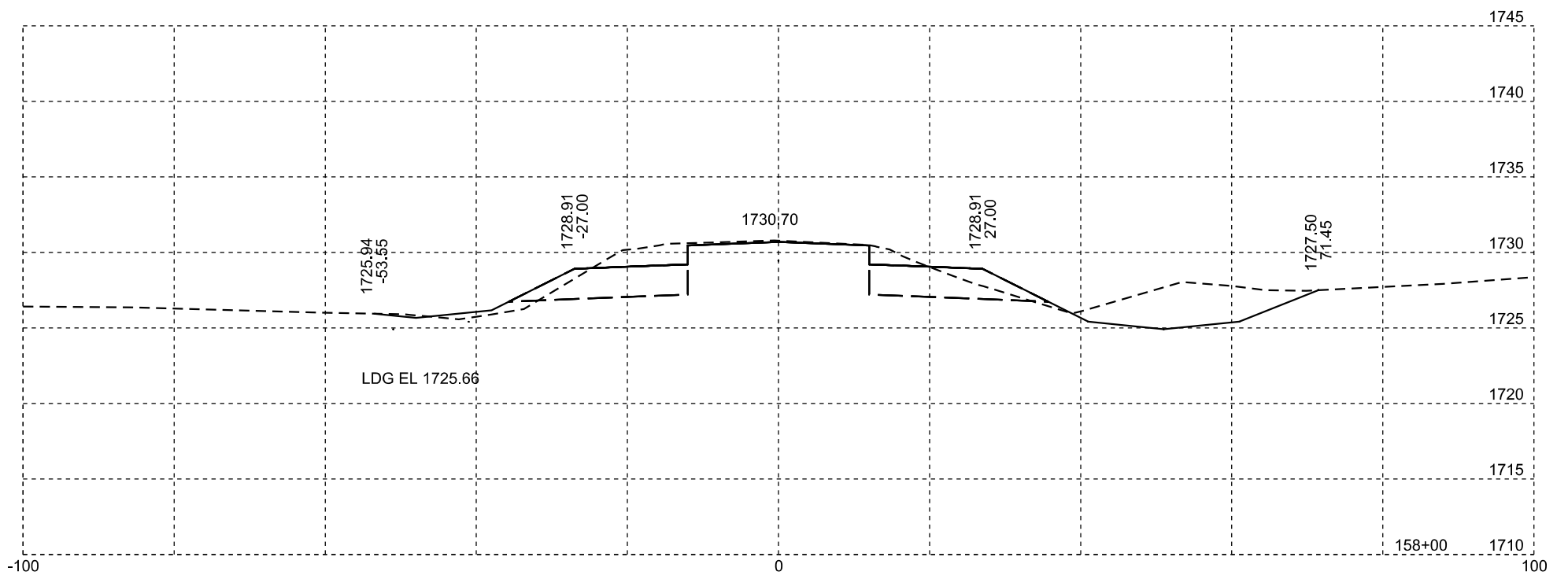
Revised Date: 1/28/2025 MDJ
 Plotting Date: 01/28/2025

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X60	X110



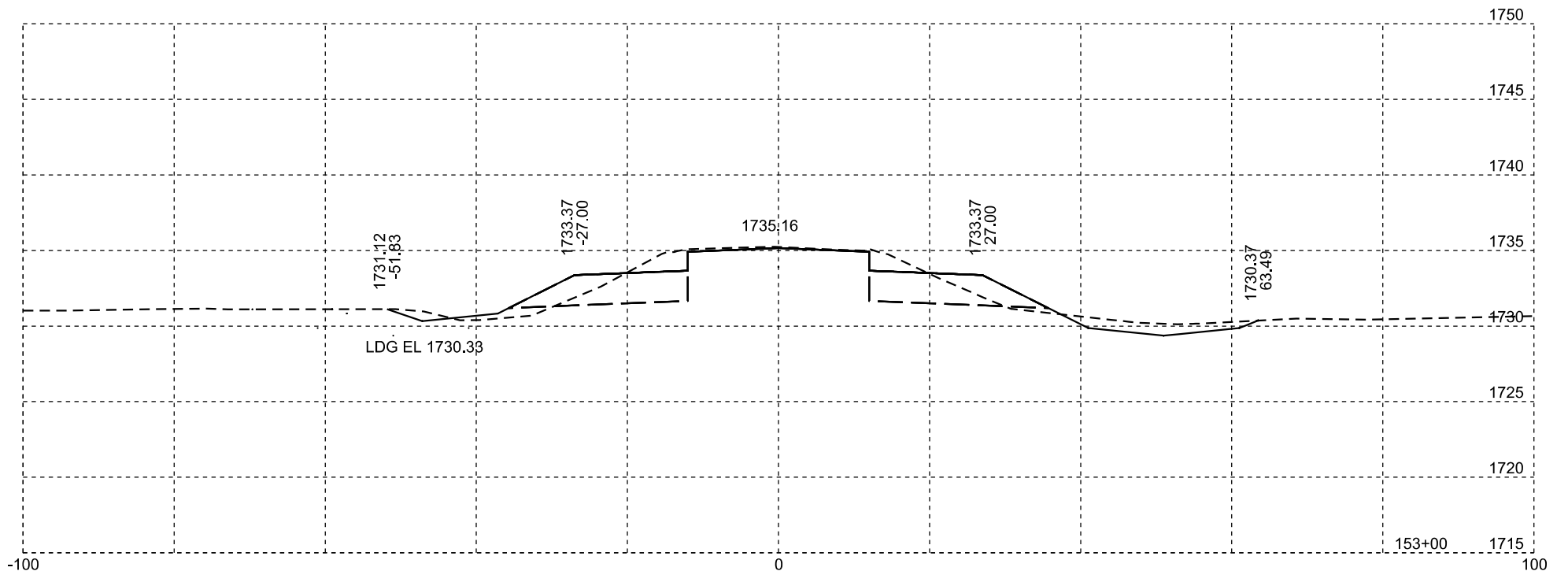
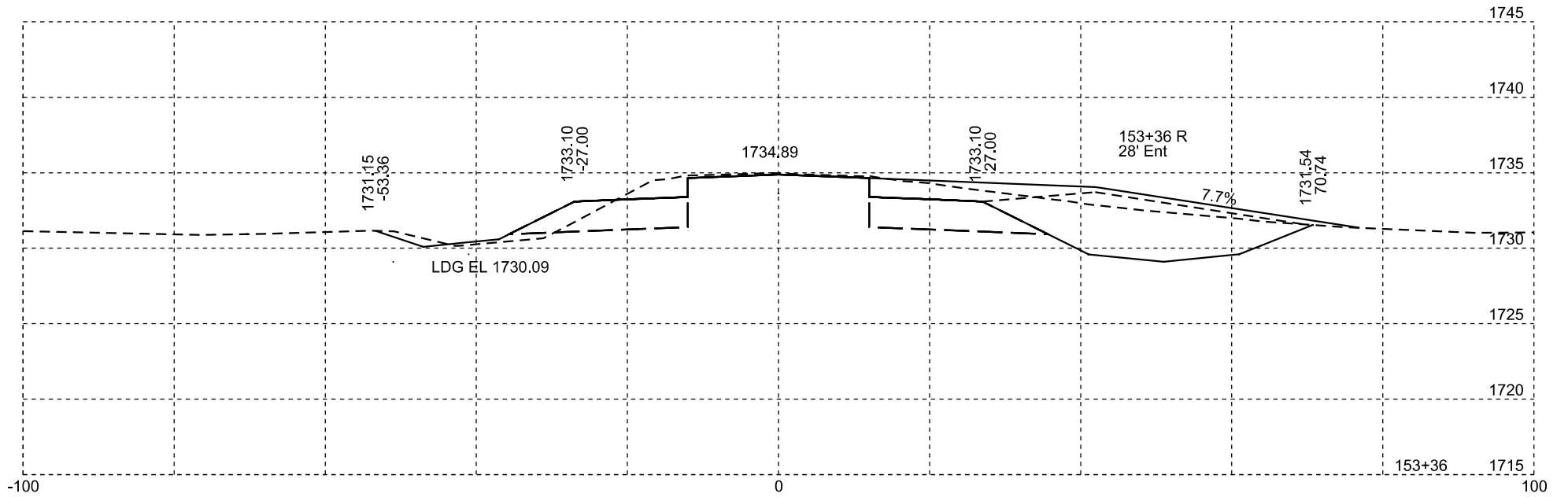
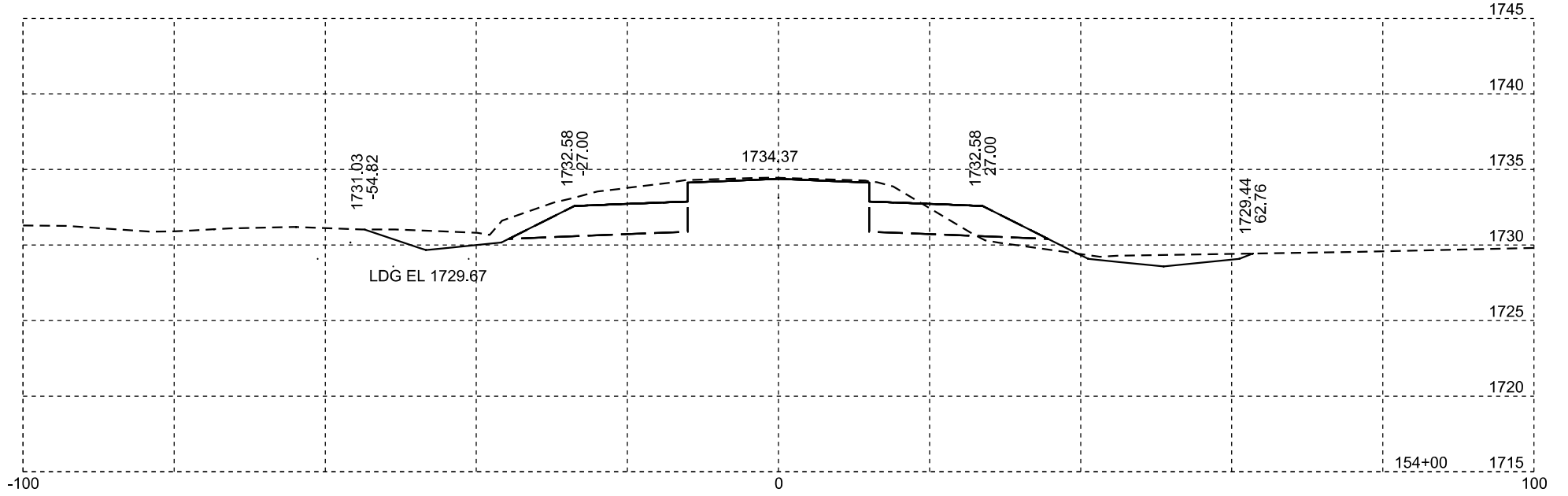
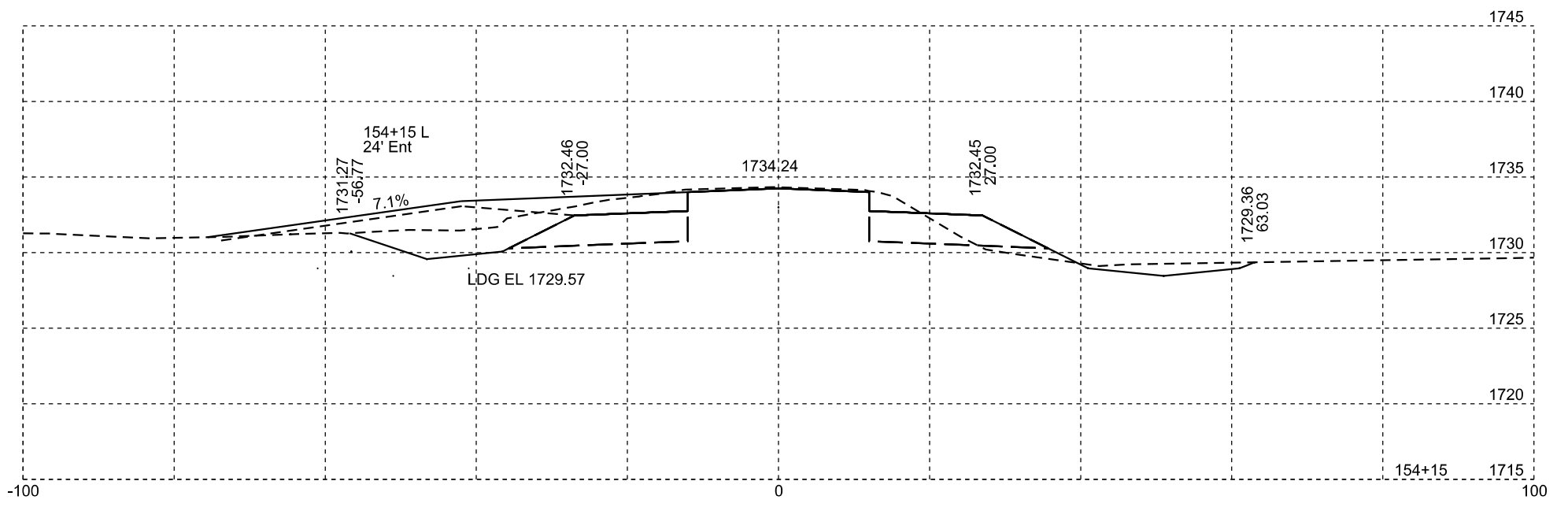
Revised Date: 1/28/2025 MDJ
 Plotting Date: 01/28/2025

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X61	X110



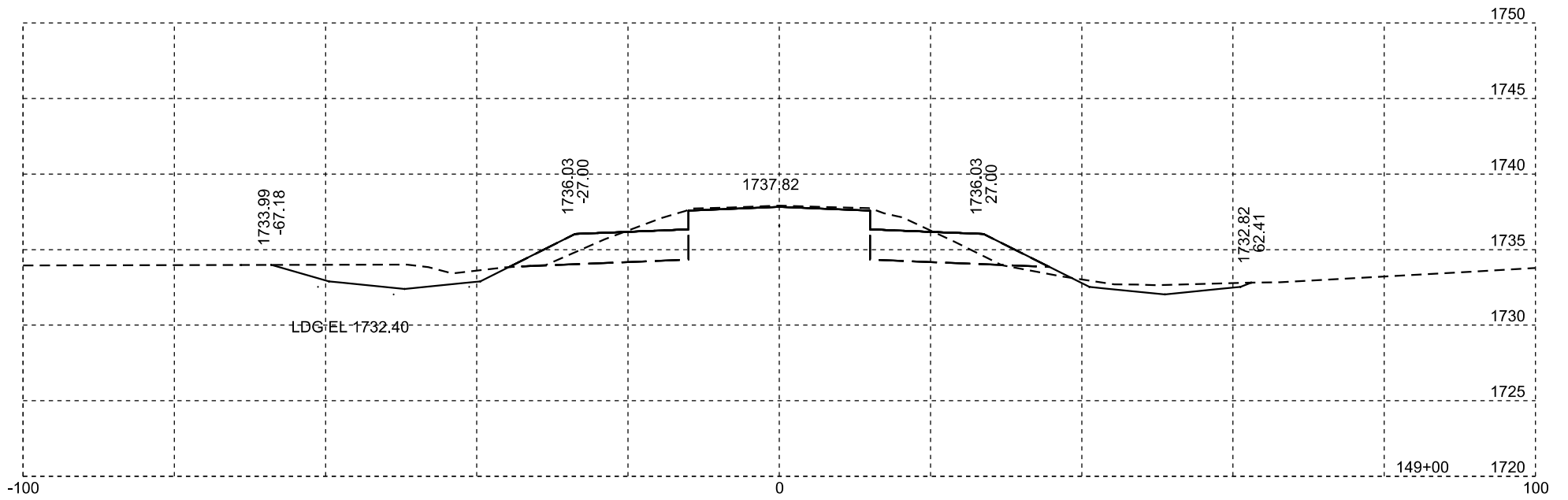
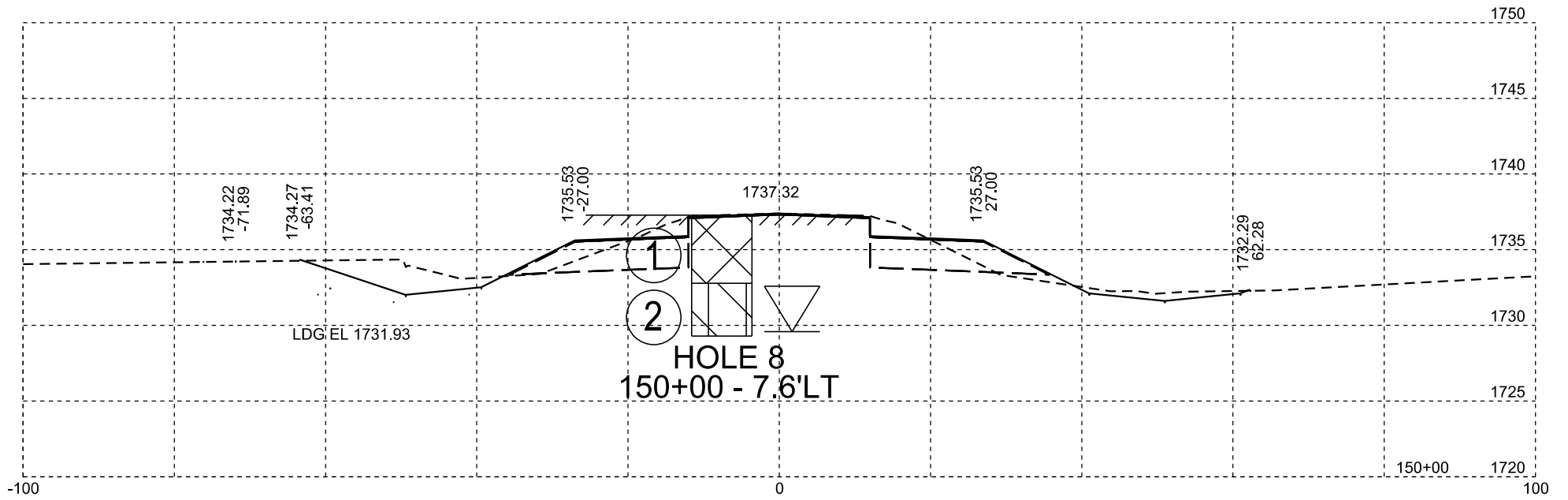
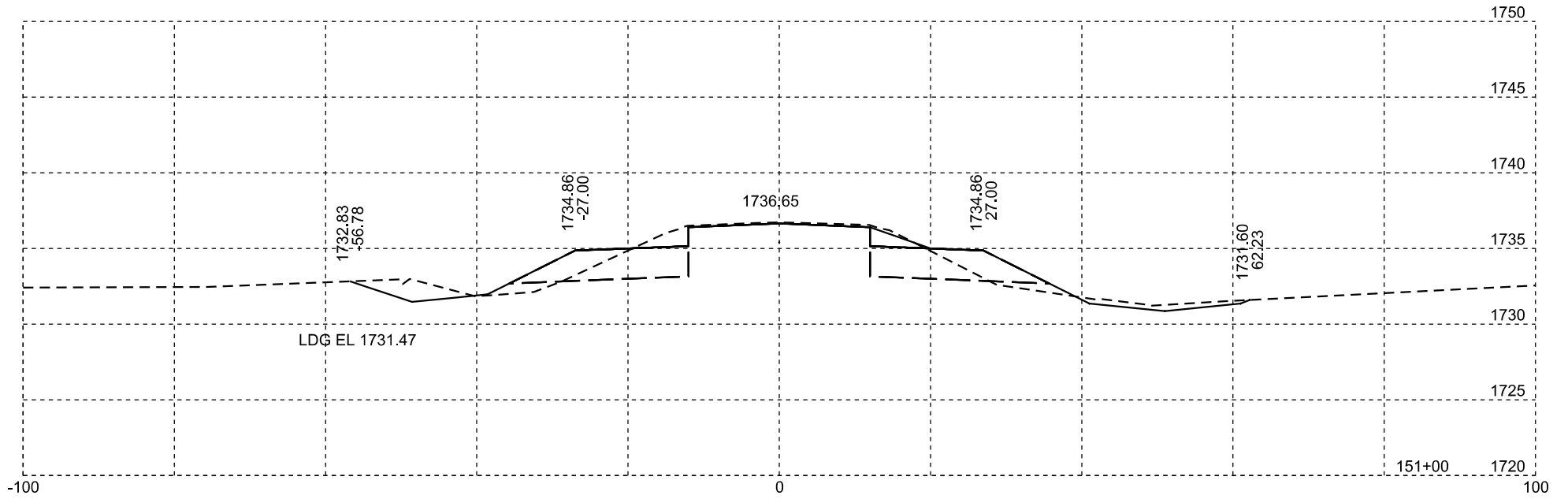
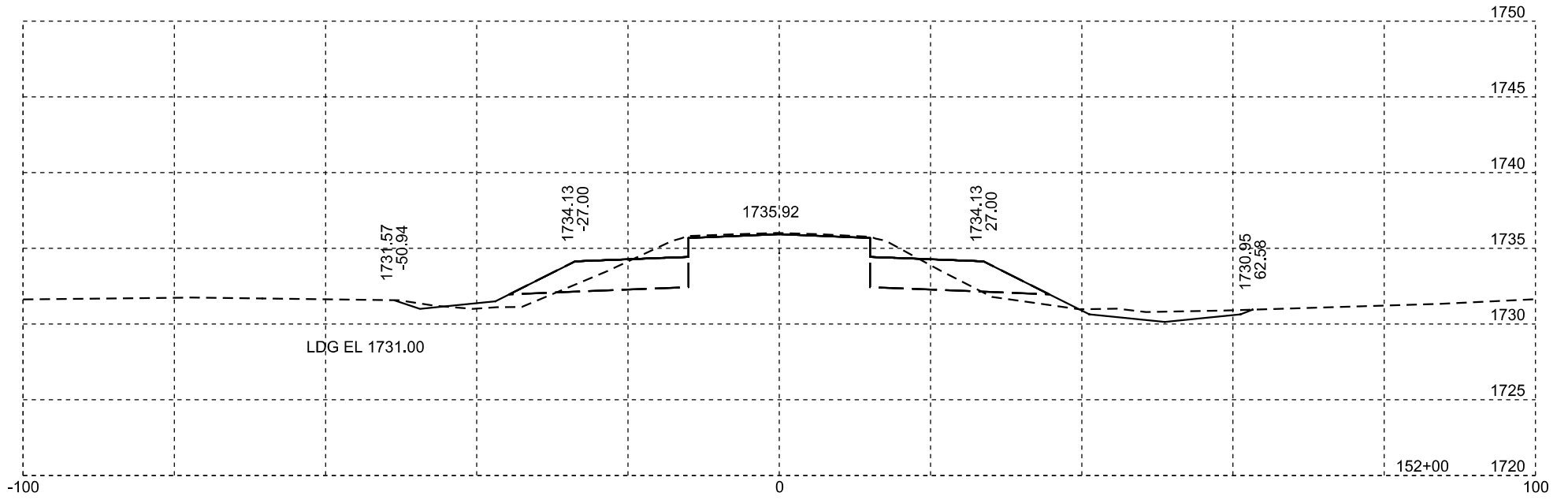
Revised Date: 1/28/2025 MDJ
 Plotting Date: 01/28/2025

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X62	X110



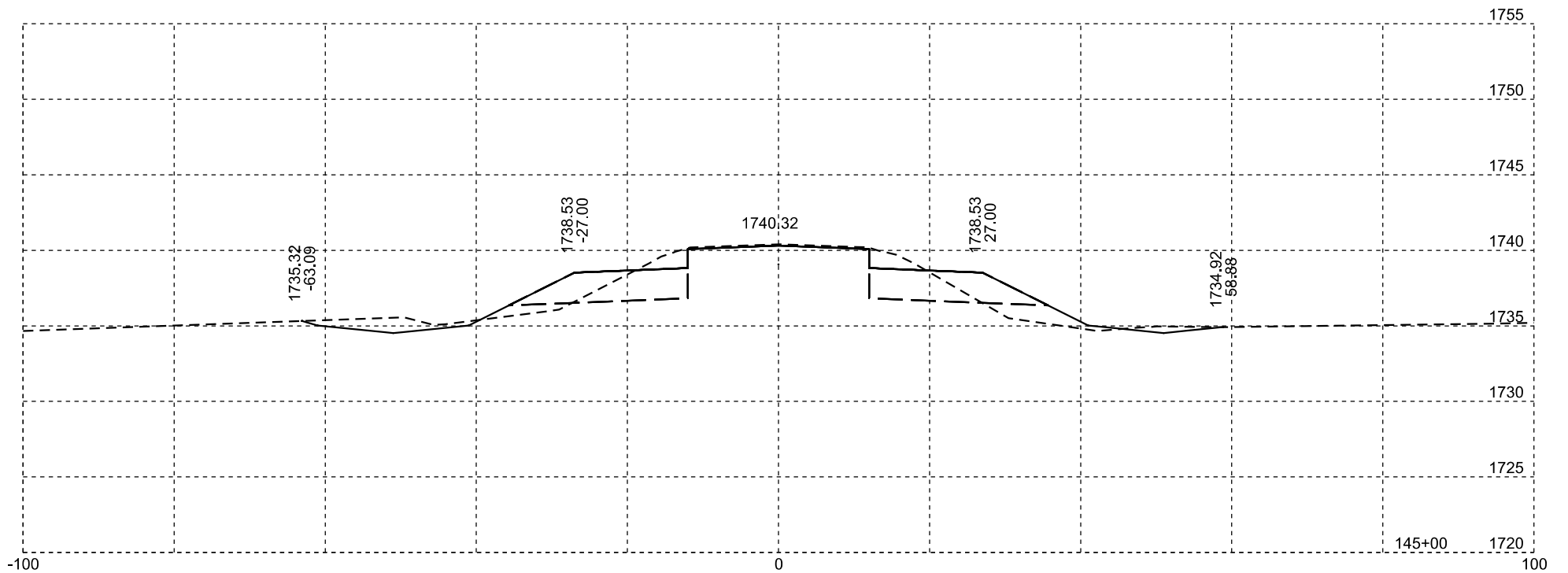
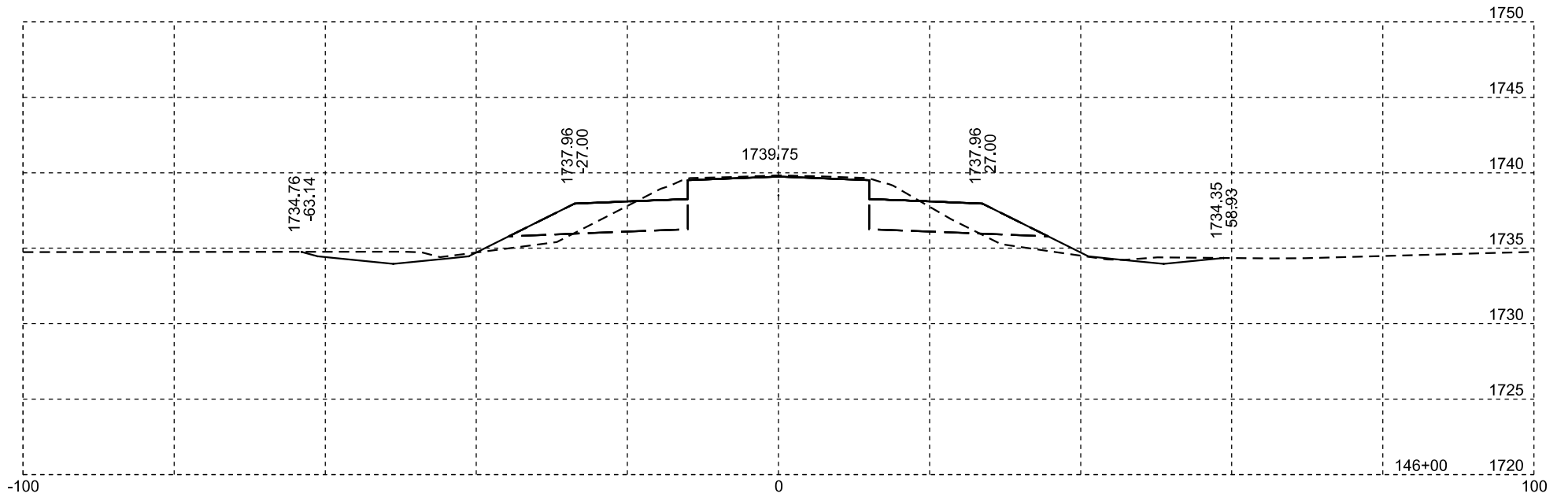
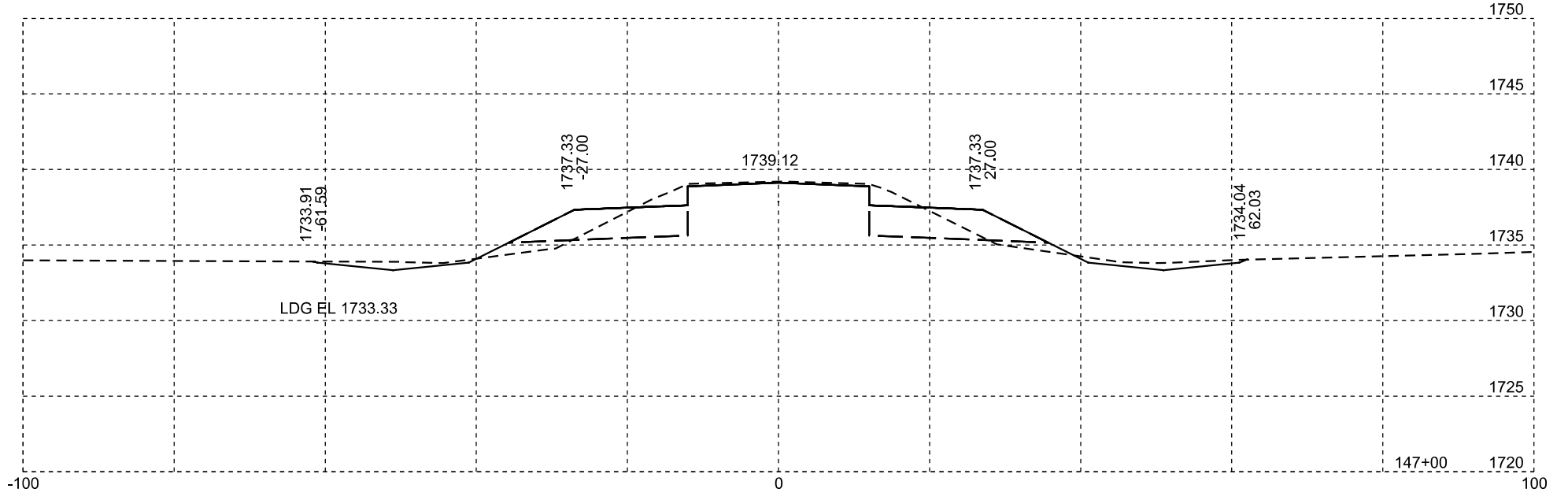
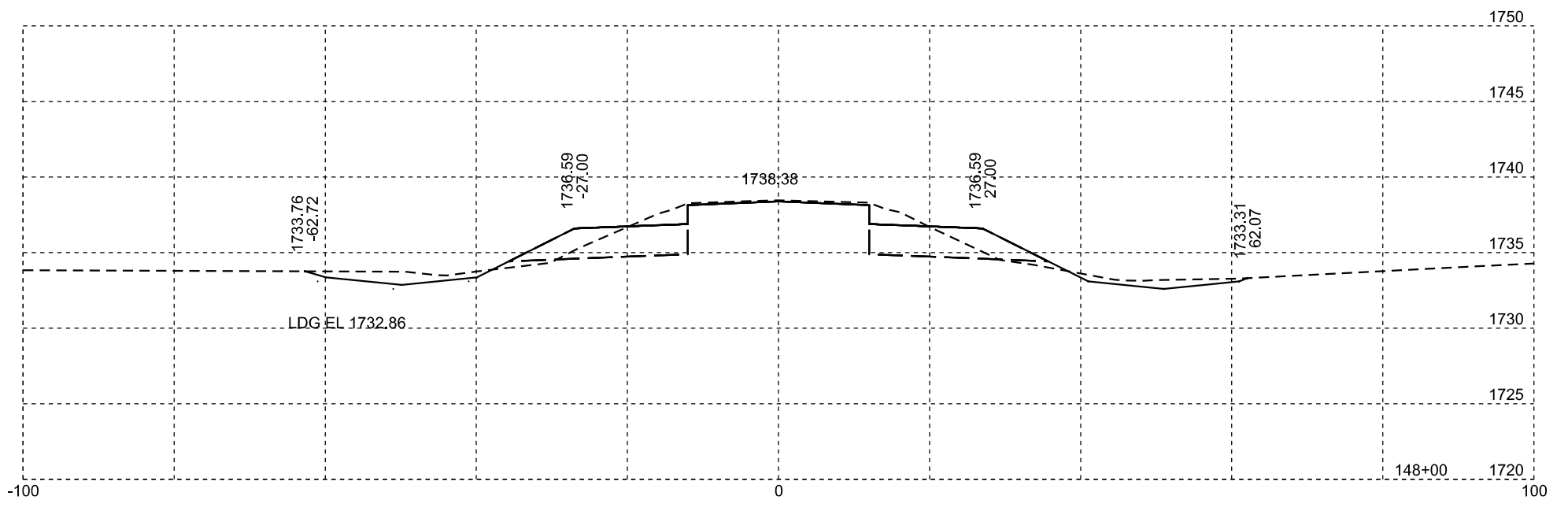
Revised Date: 1/28/2025 MDJ
 Plotting Date: 01/28/2025

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X63	X110



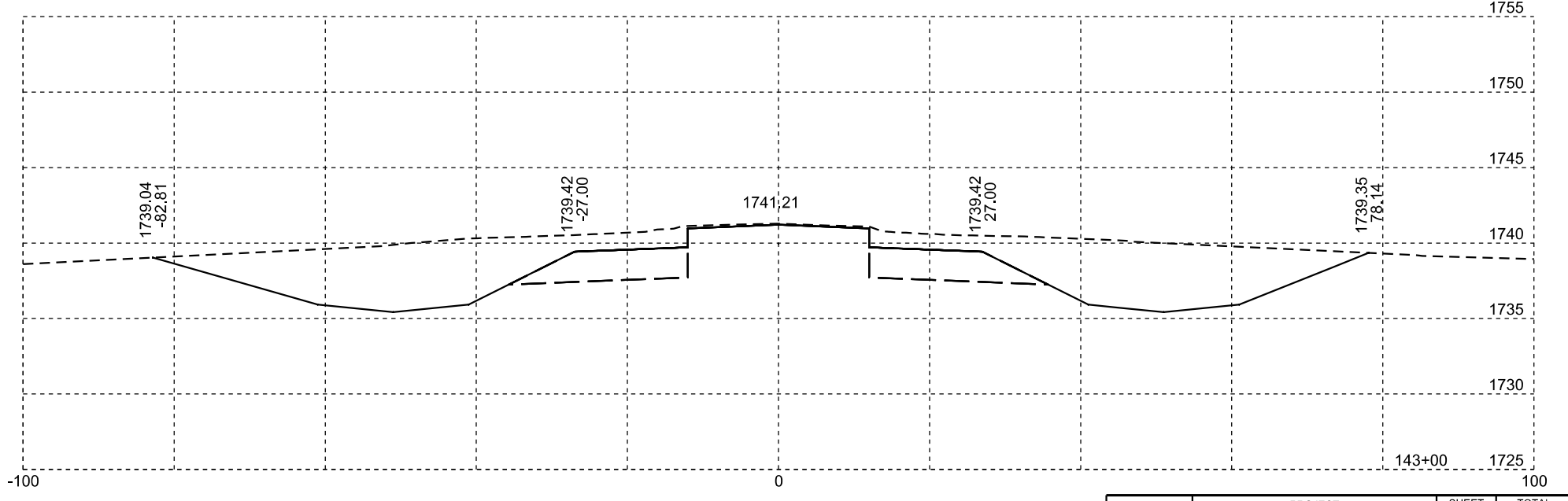
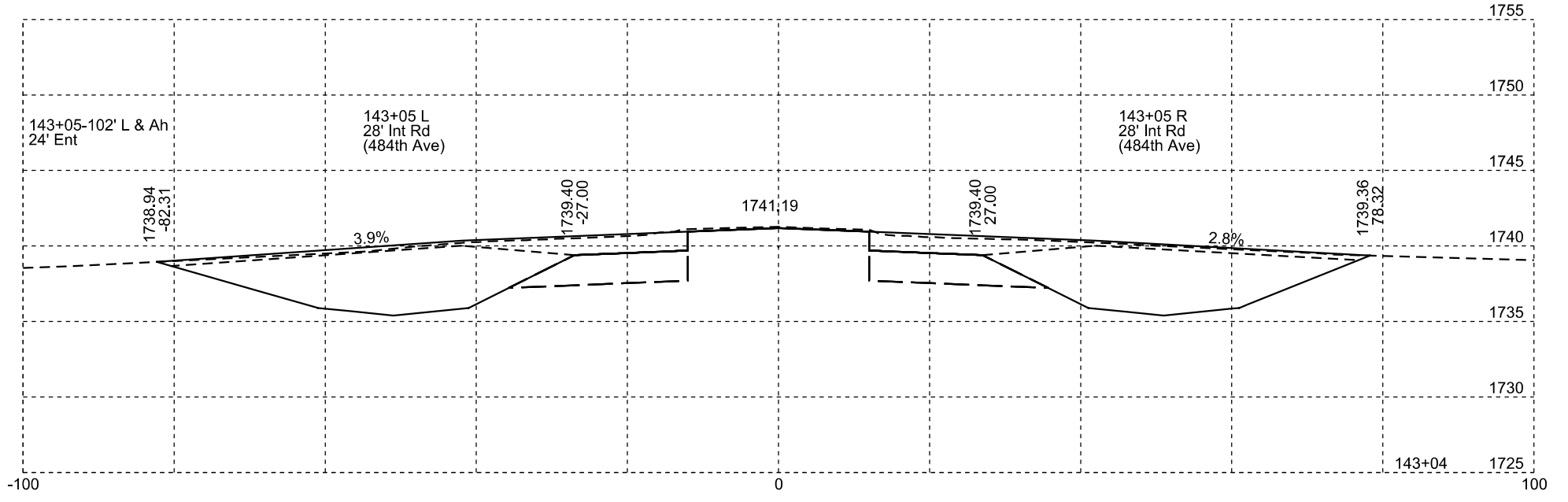
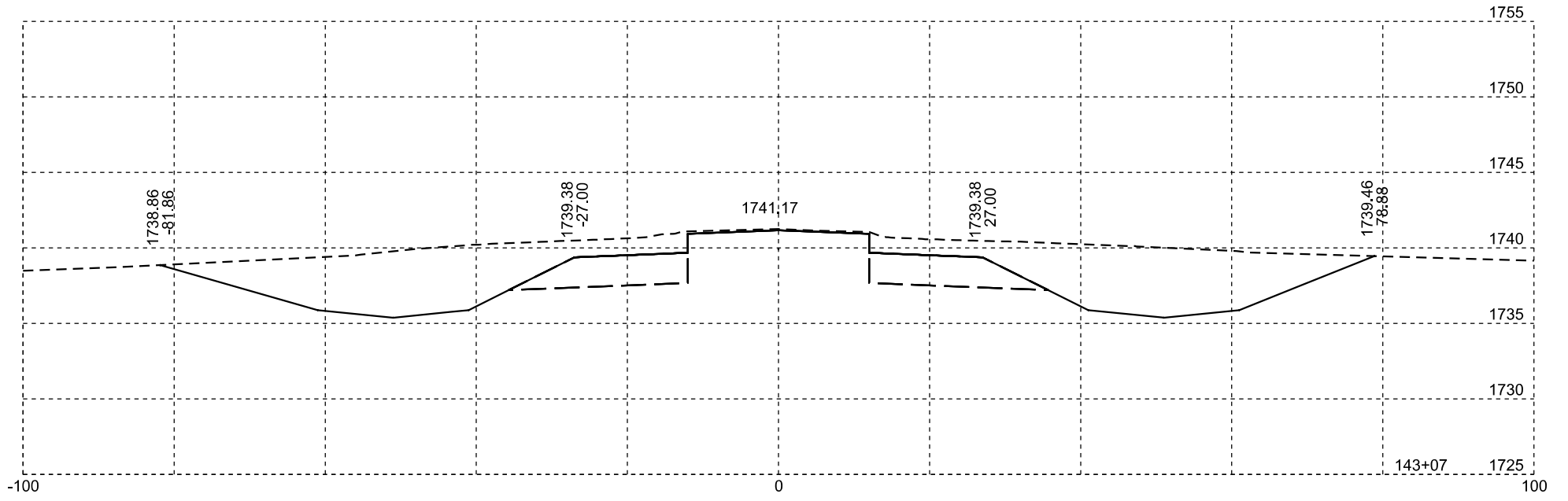
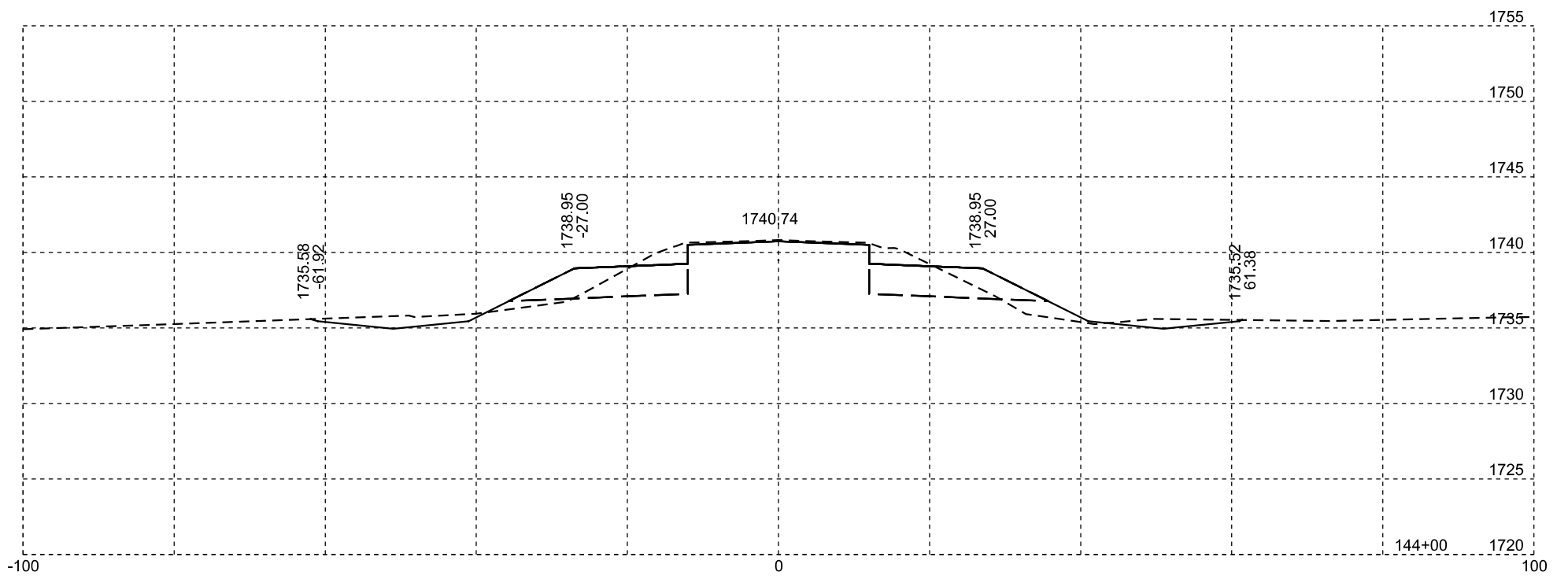
Plotting Date: 01/28/2025

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X64	X110



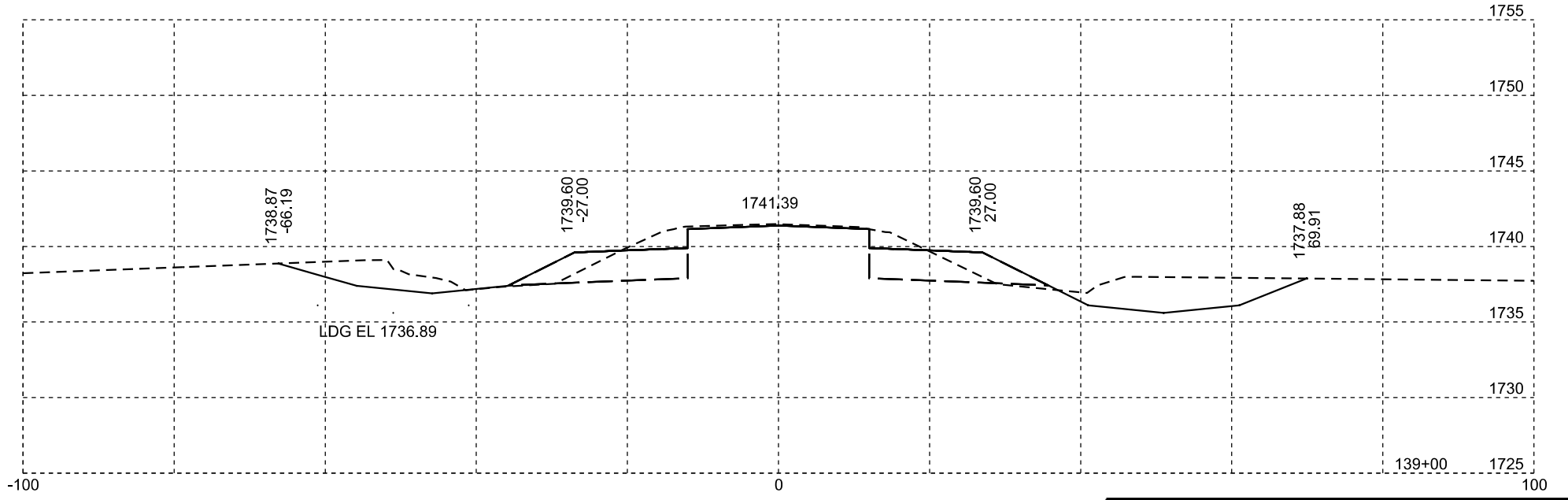
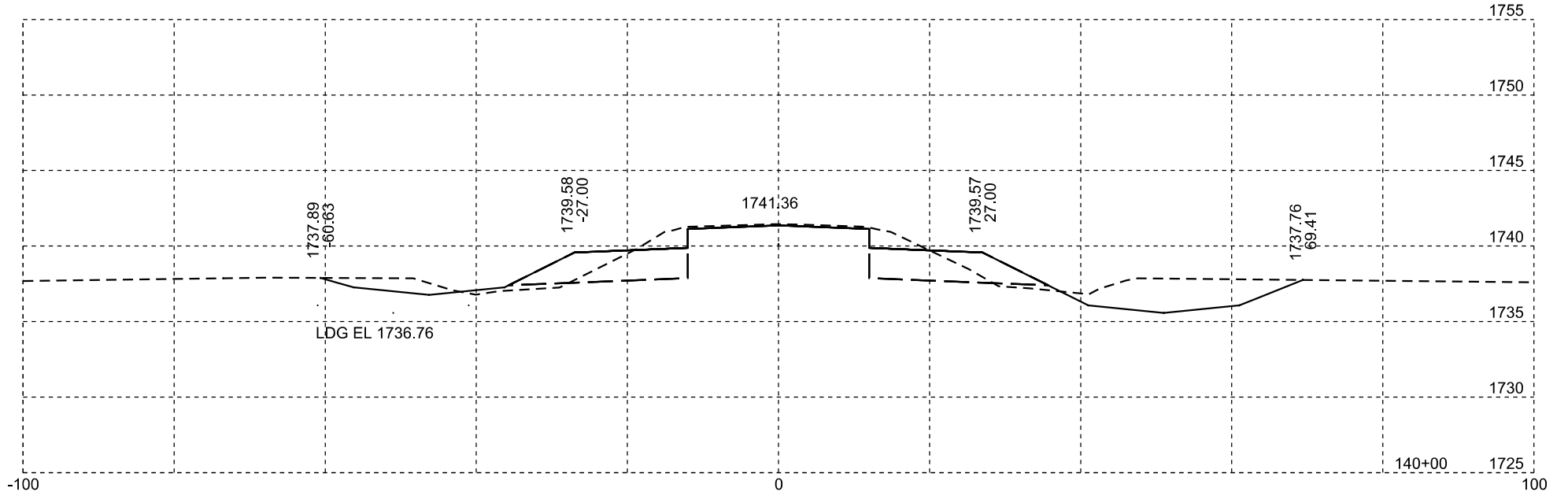
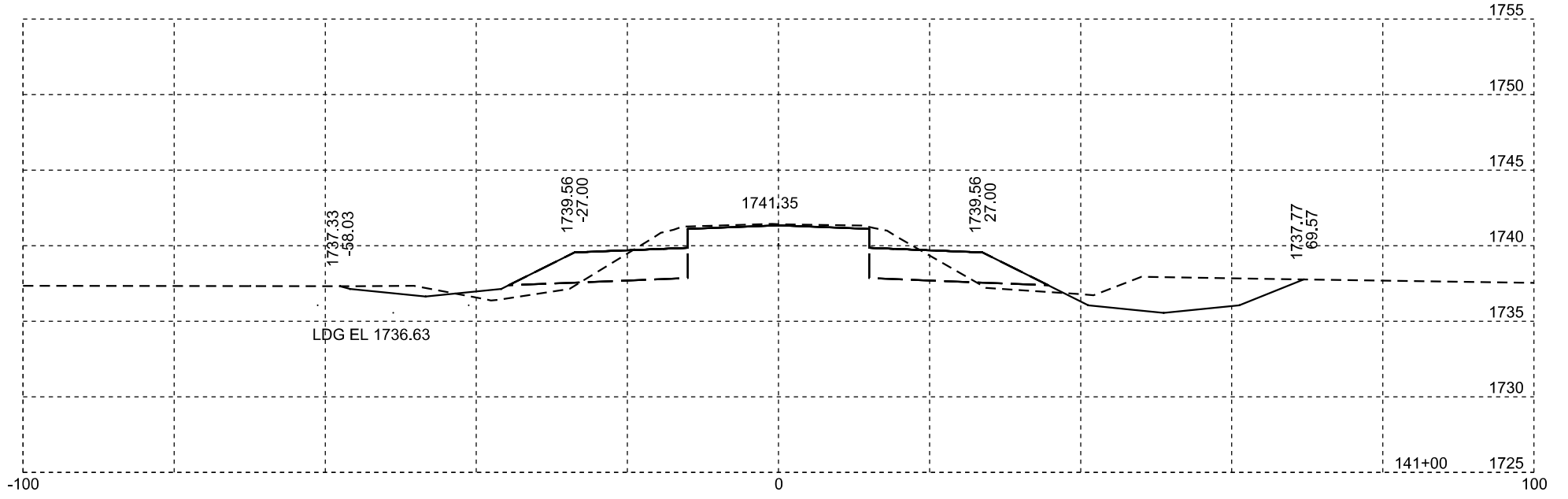
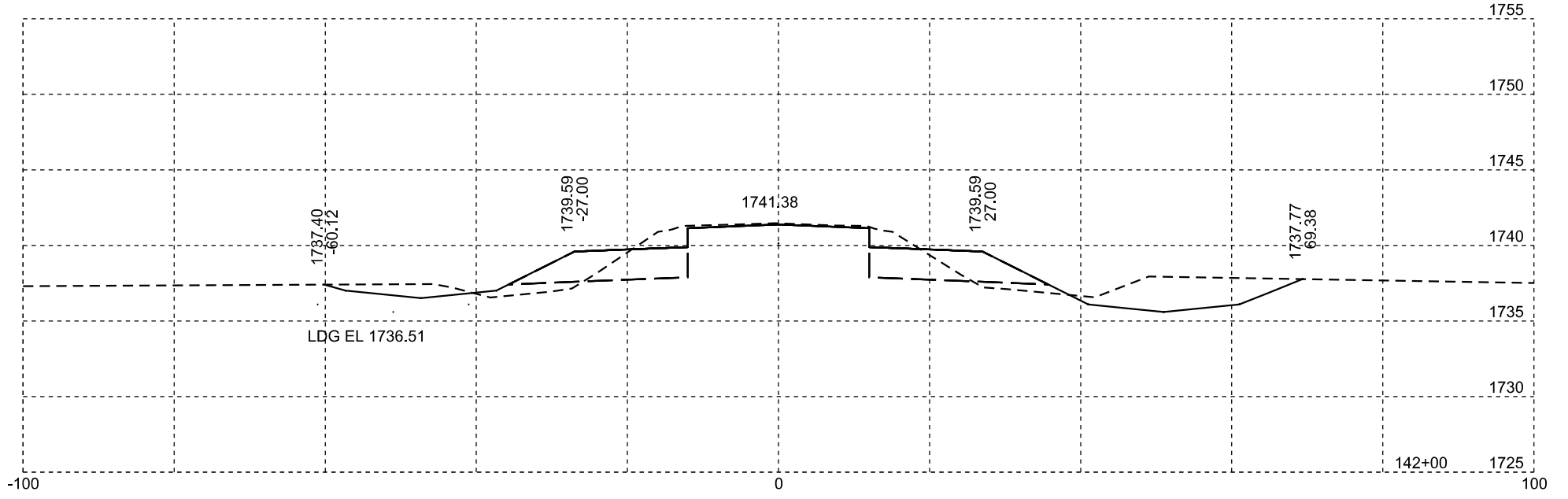
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X65	X110



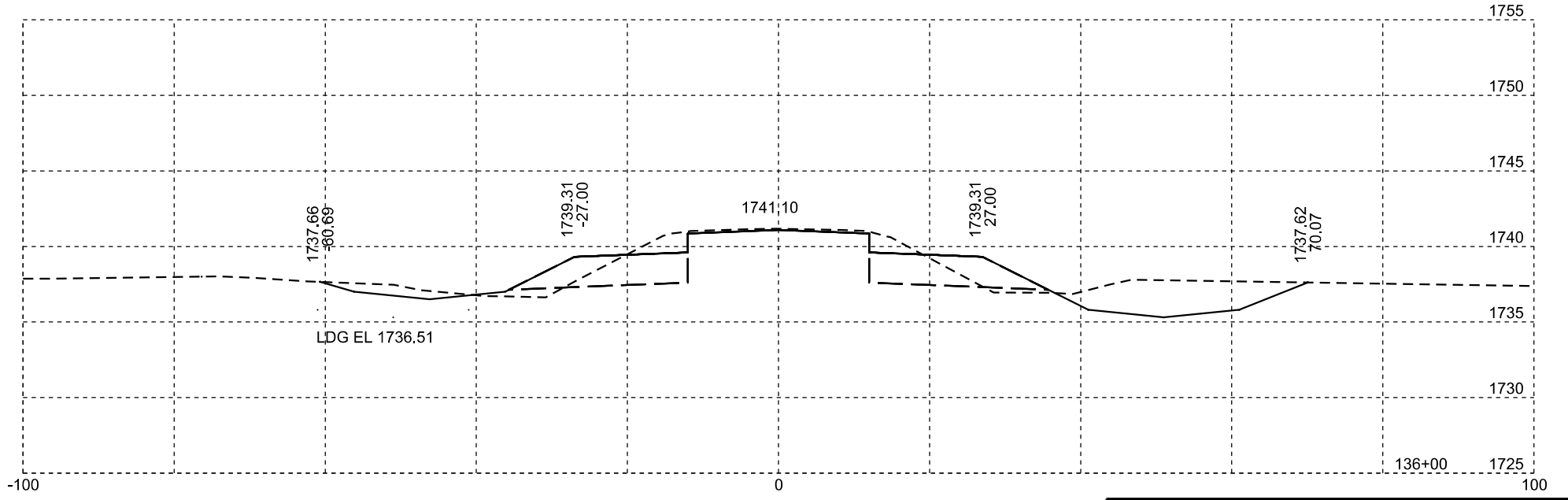
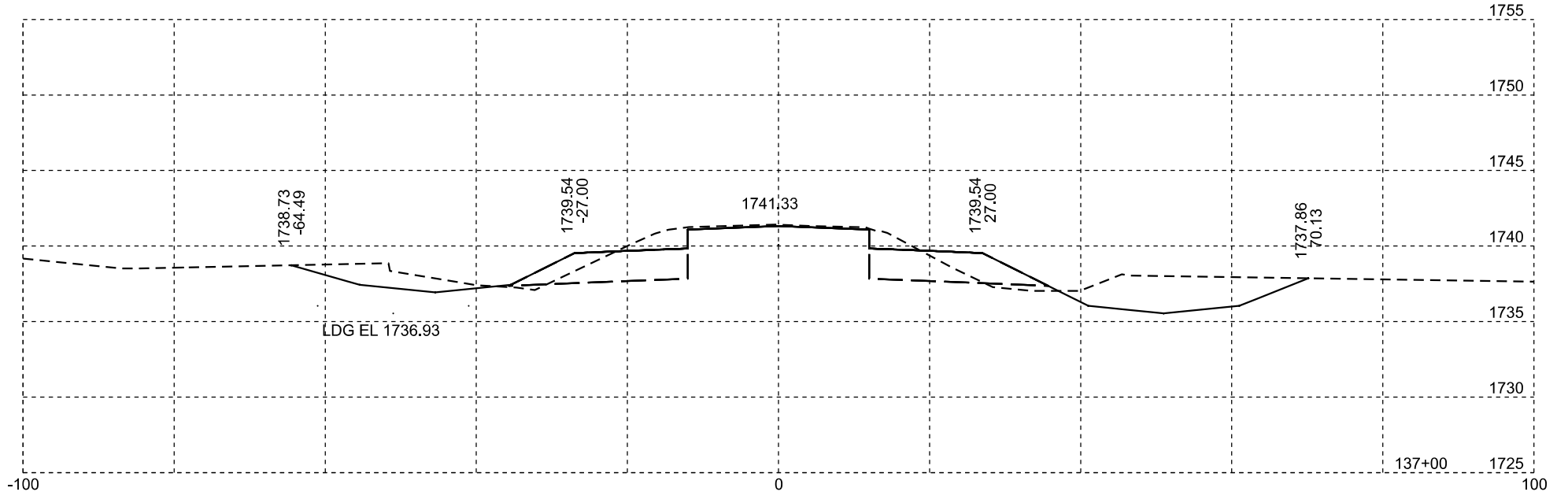
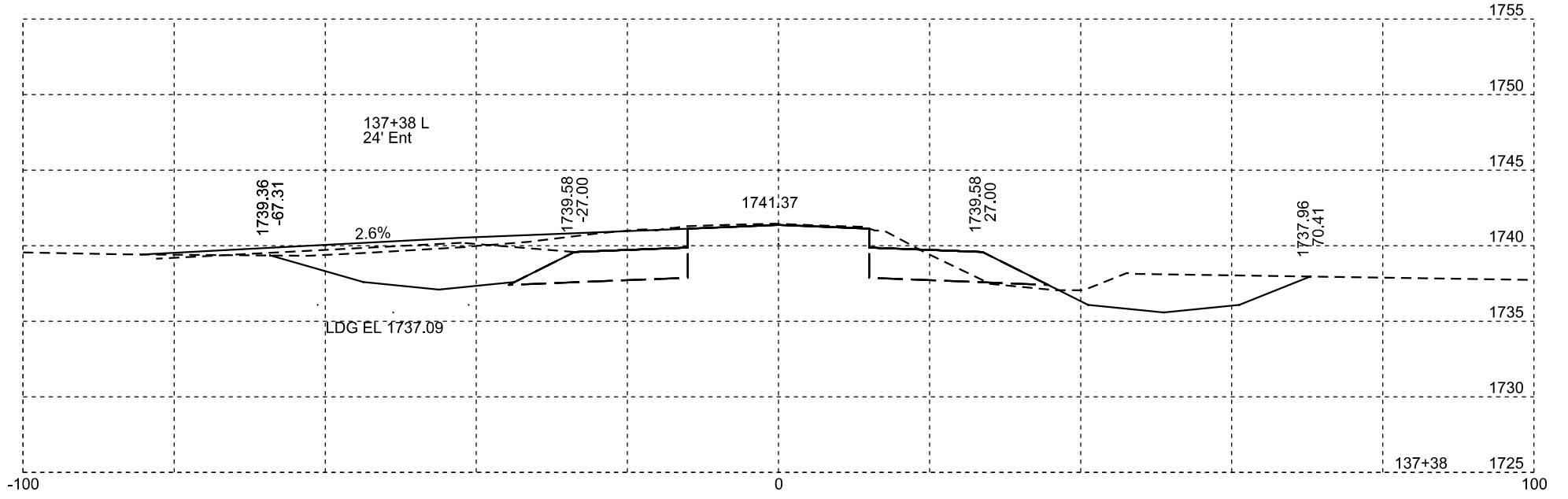
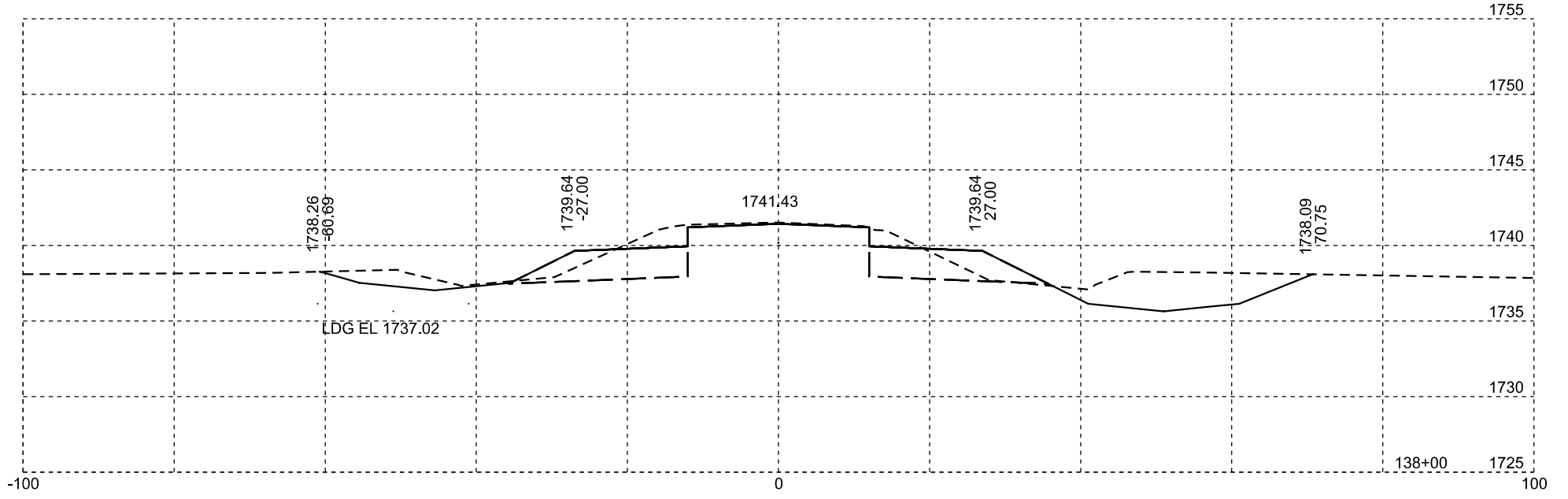
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X66	X110



Plotting Date: 04/15/2024

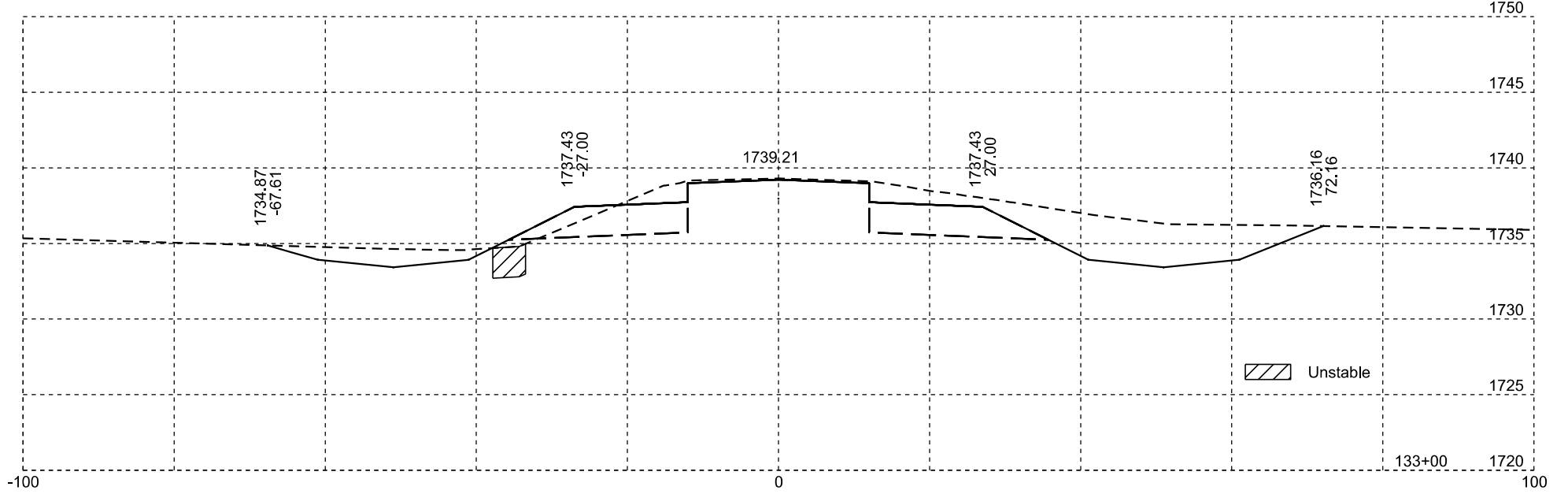
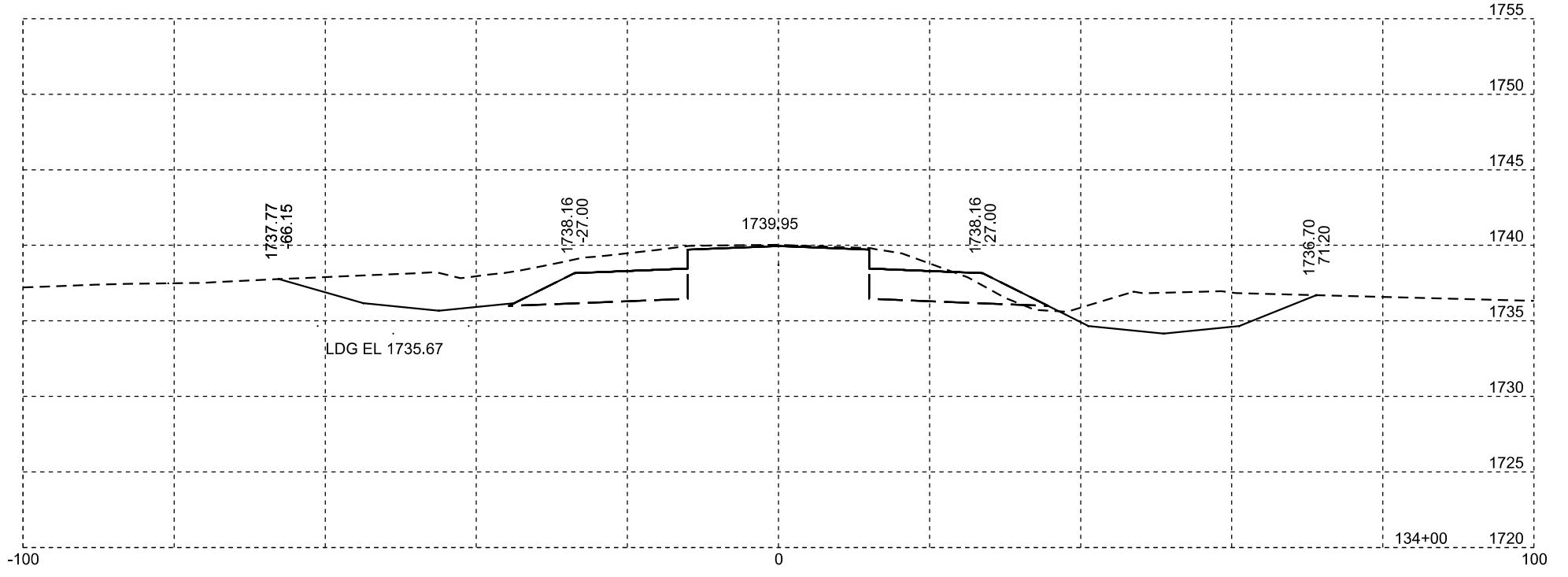
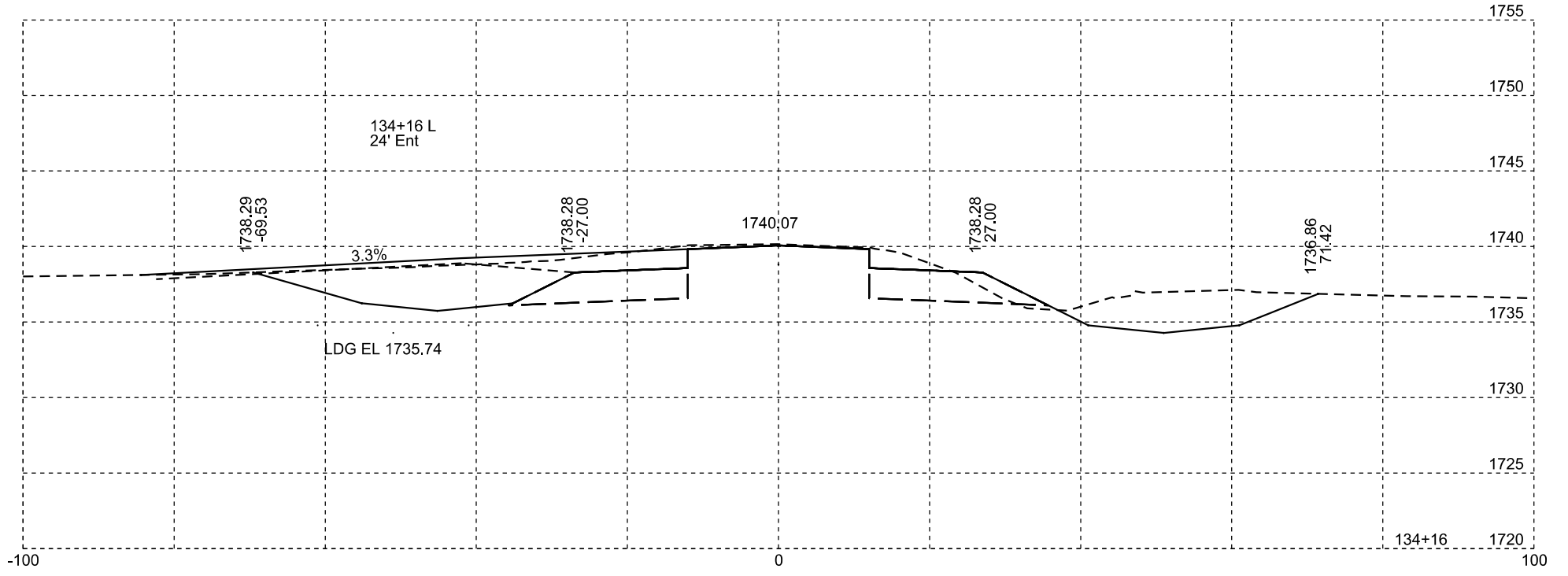
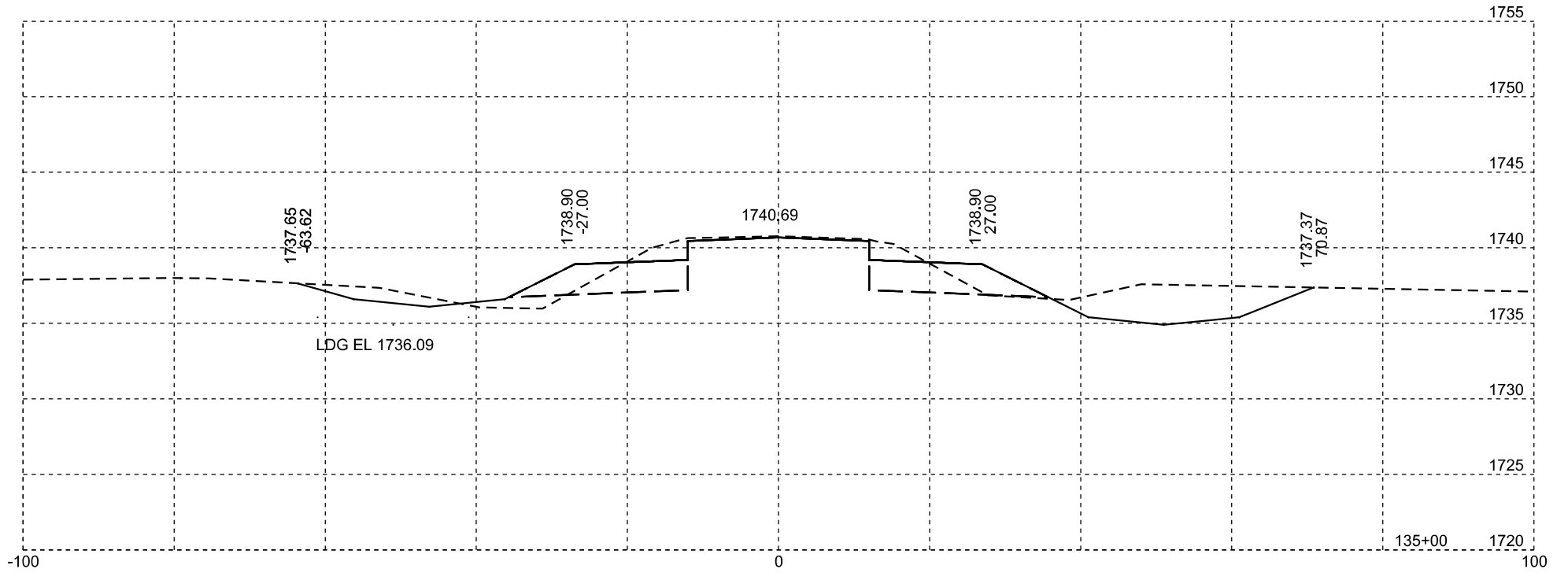
STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X67	X110



Revision Date 10/18/2023
 Plotting Date: 04/15/2024

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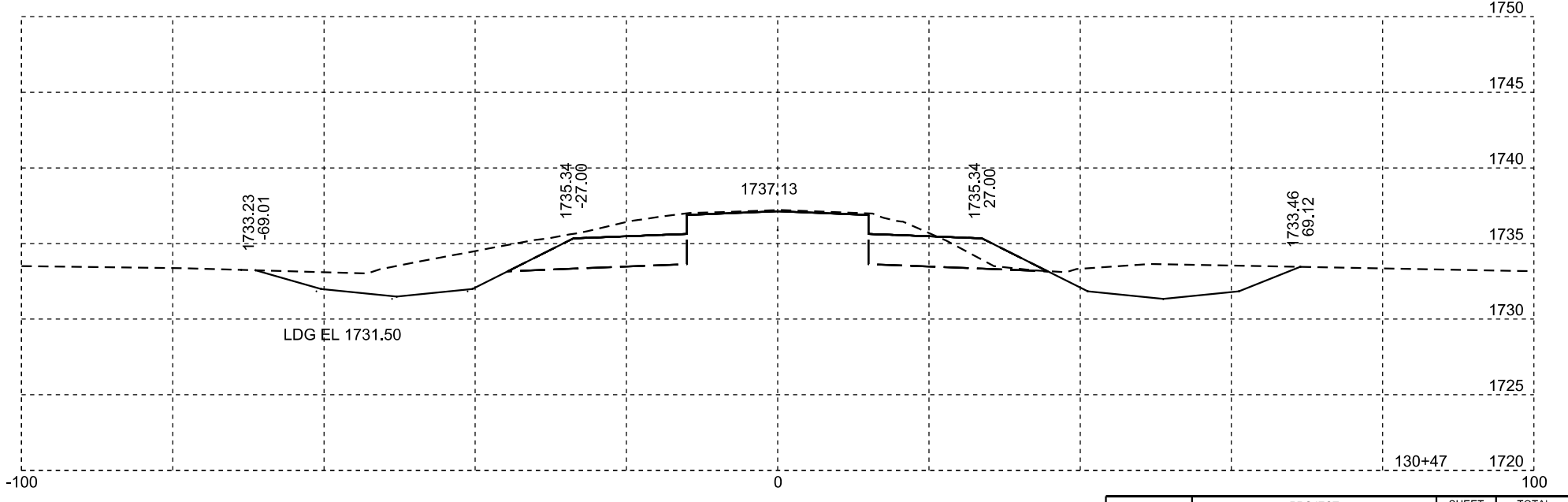
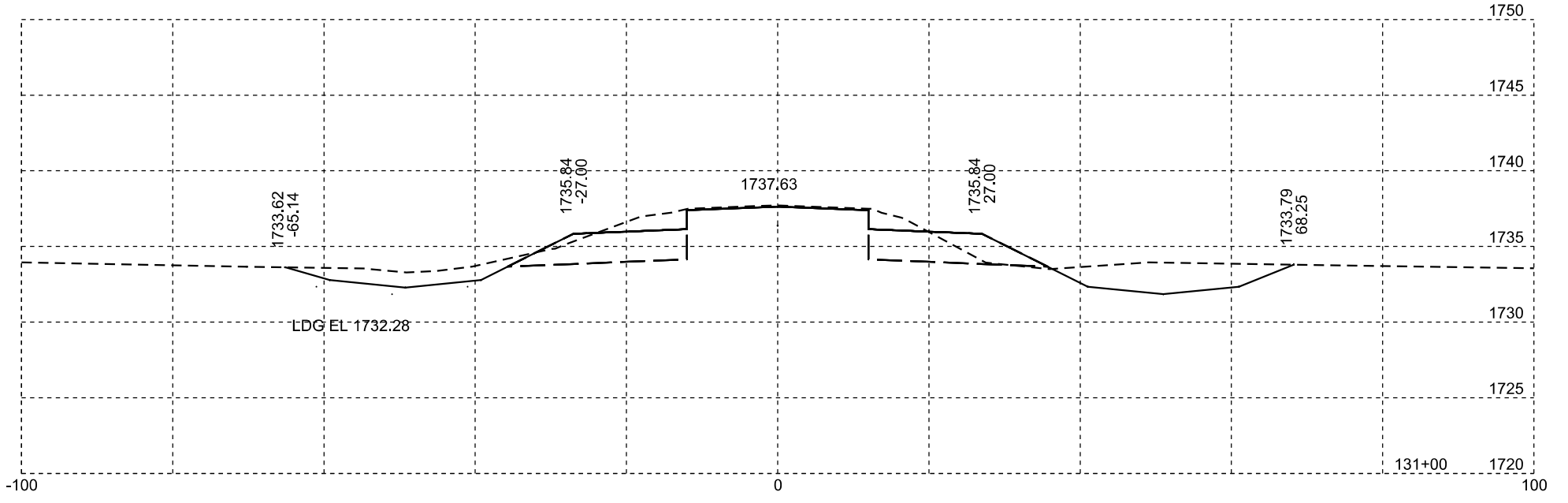
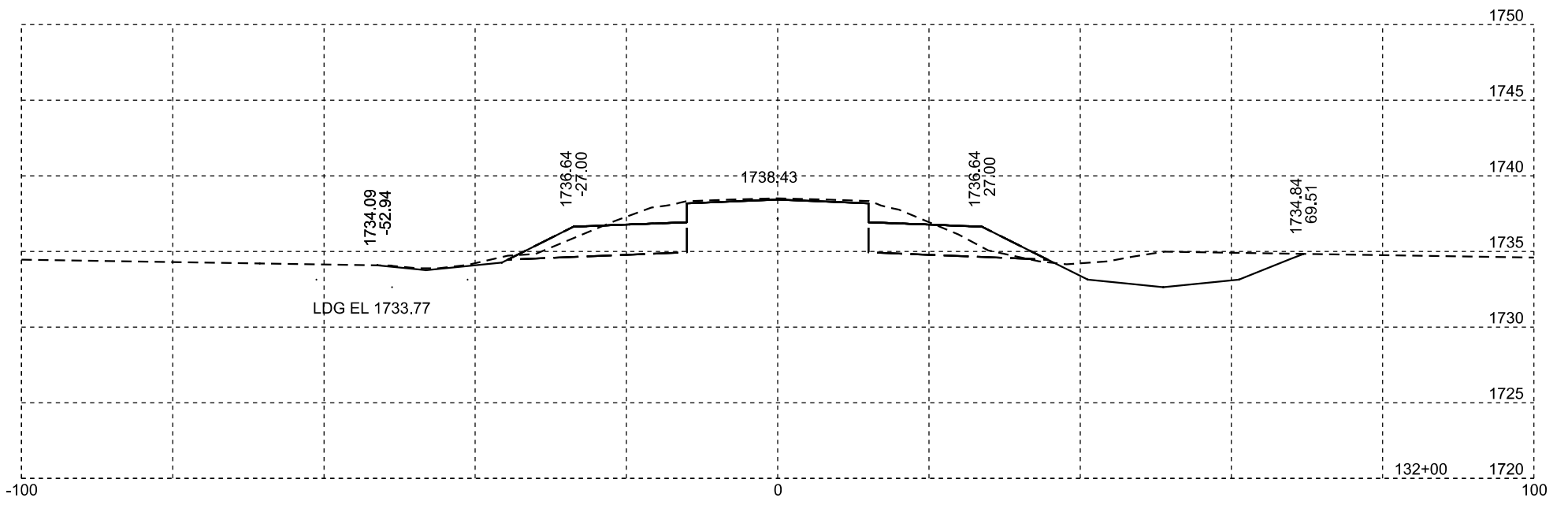
STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X68	X110



Revision Date: 10/18/2023
 Plotting Date: 04/15/2024

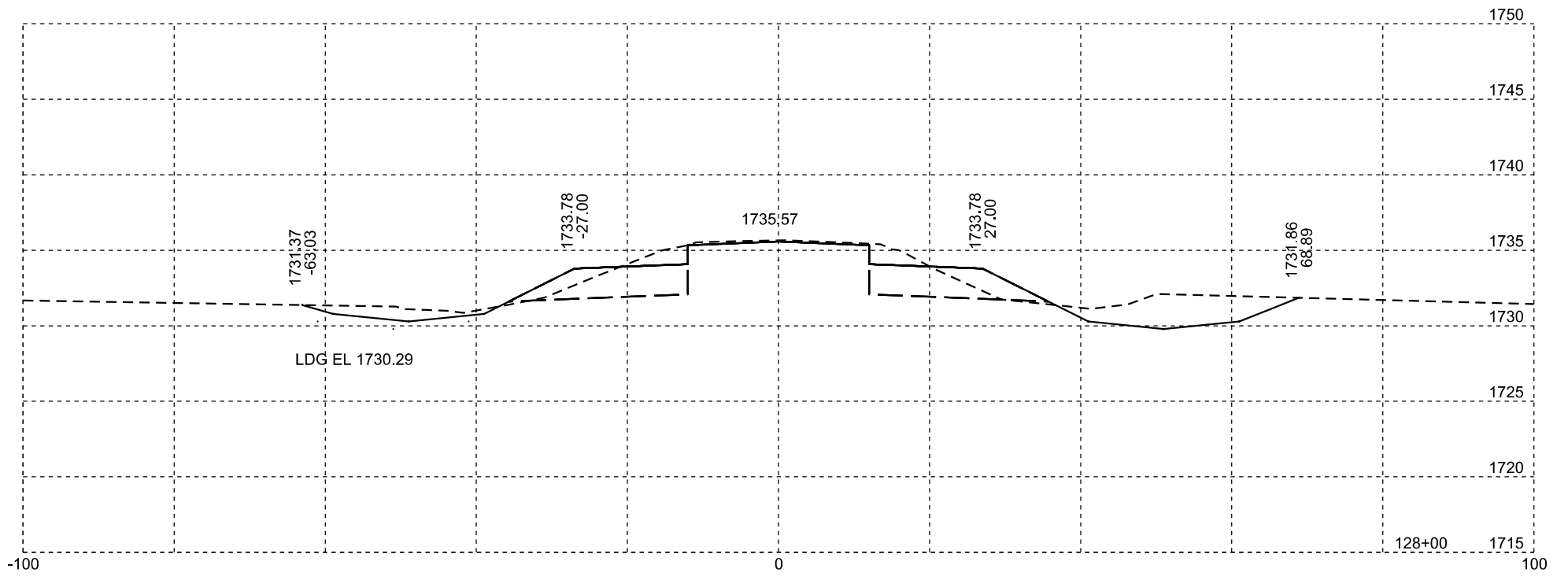
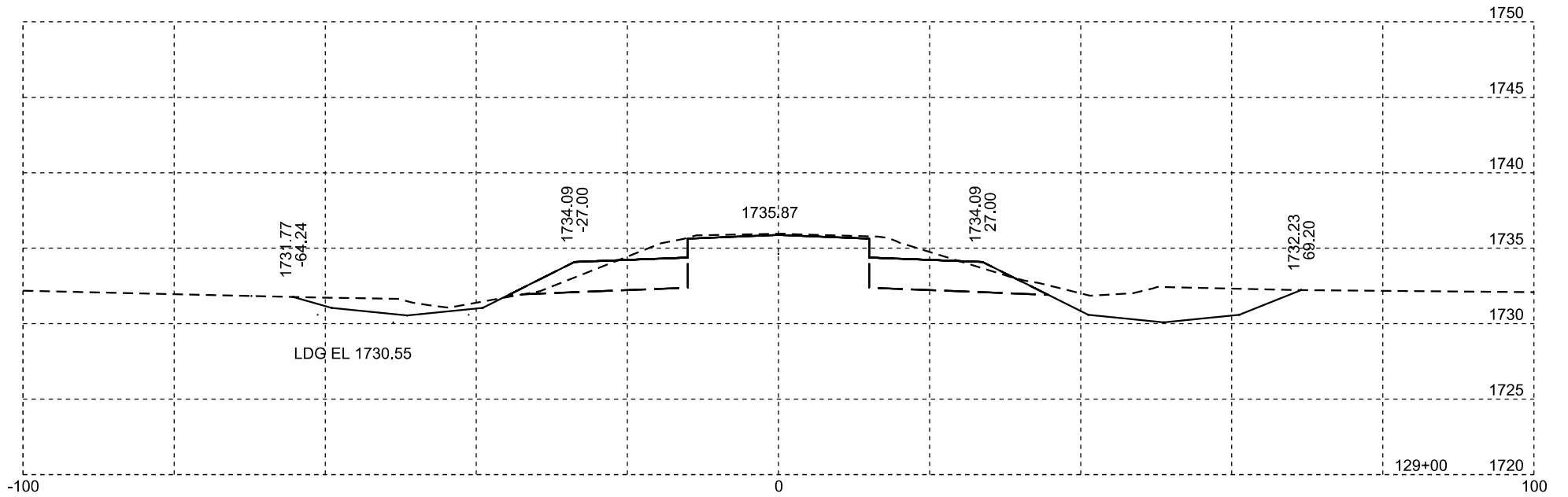
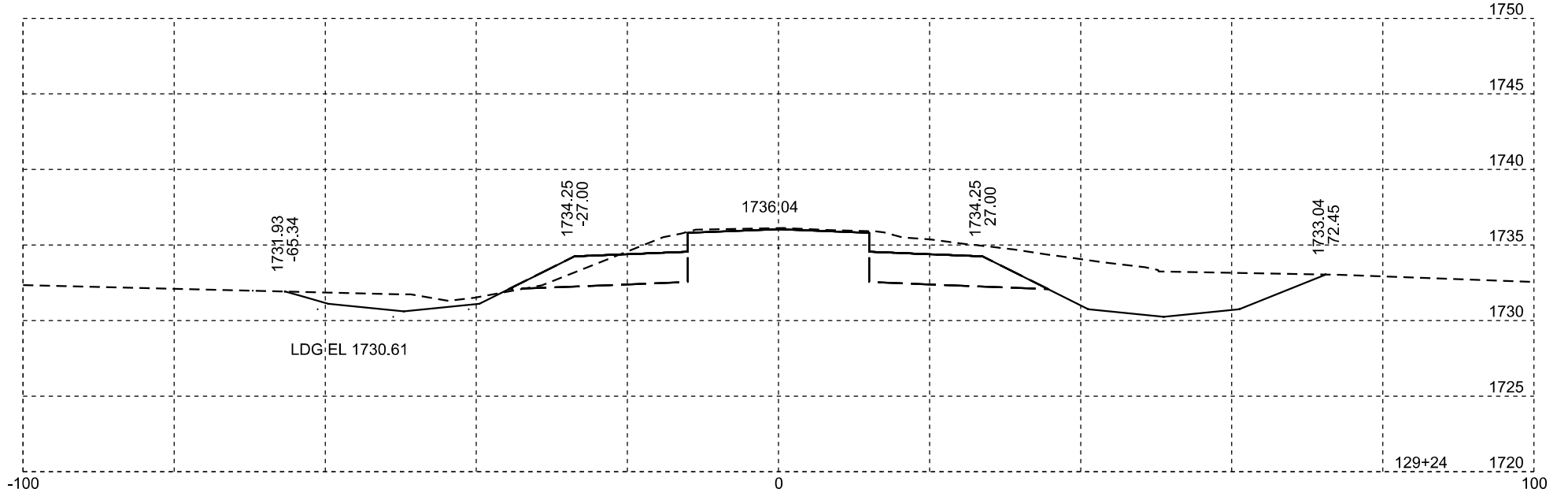
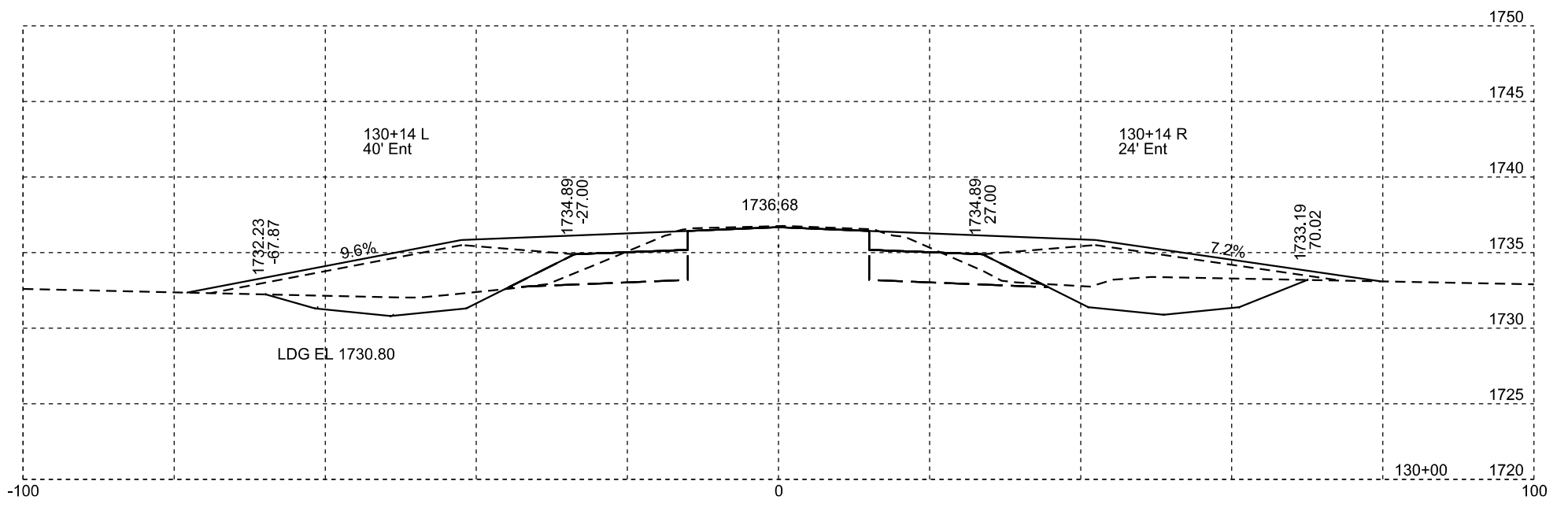
MDJ

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X69	X110



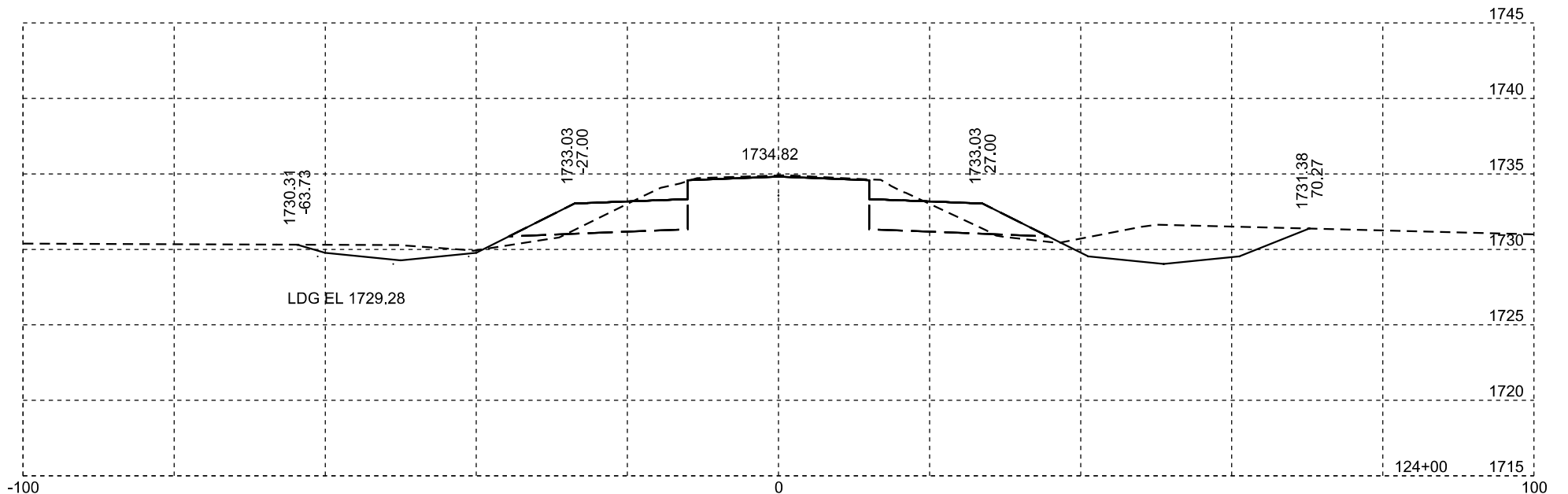
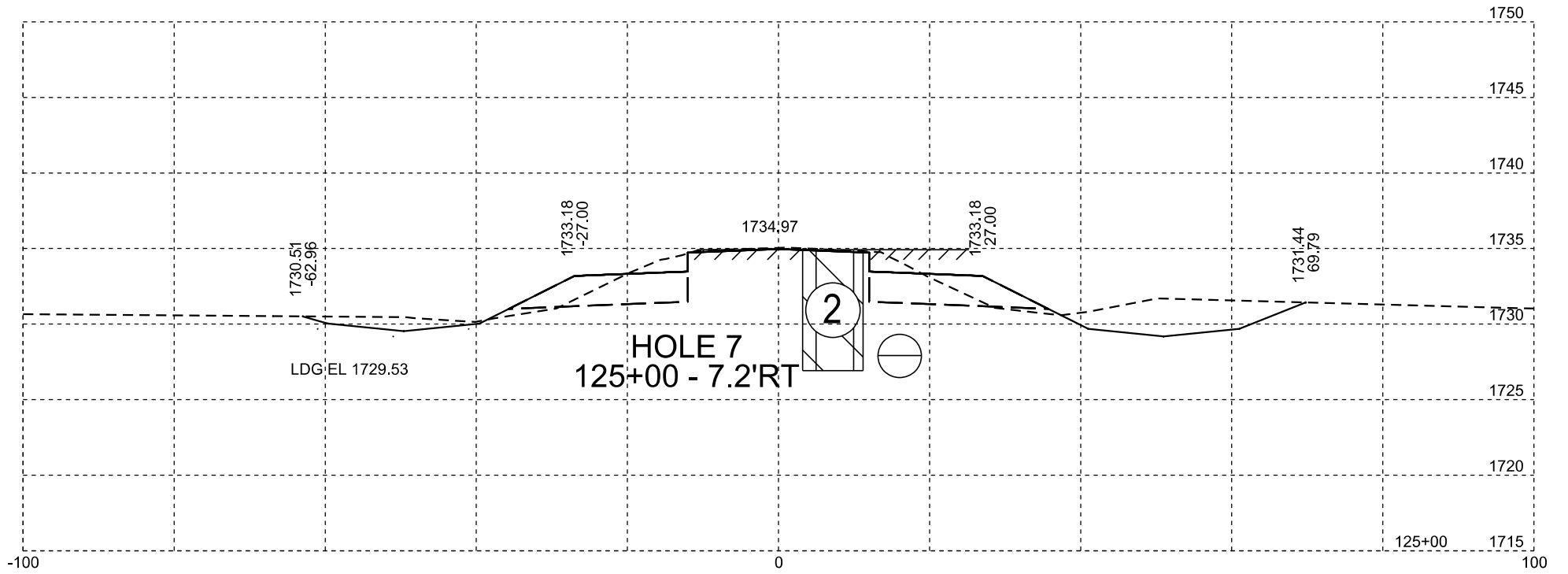
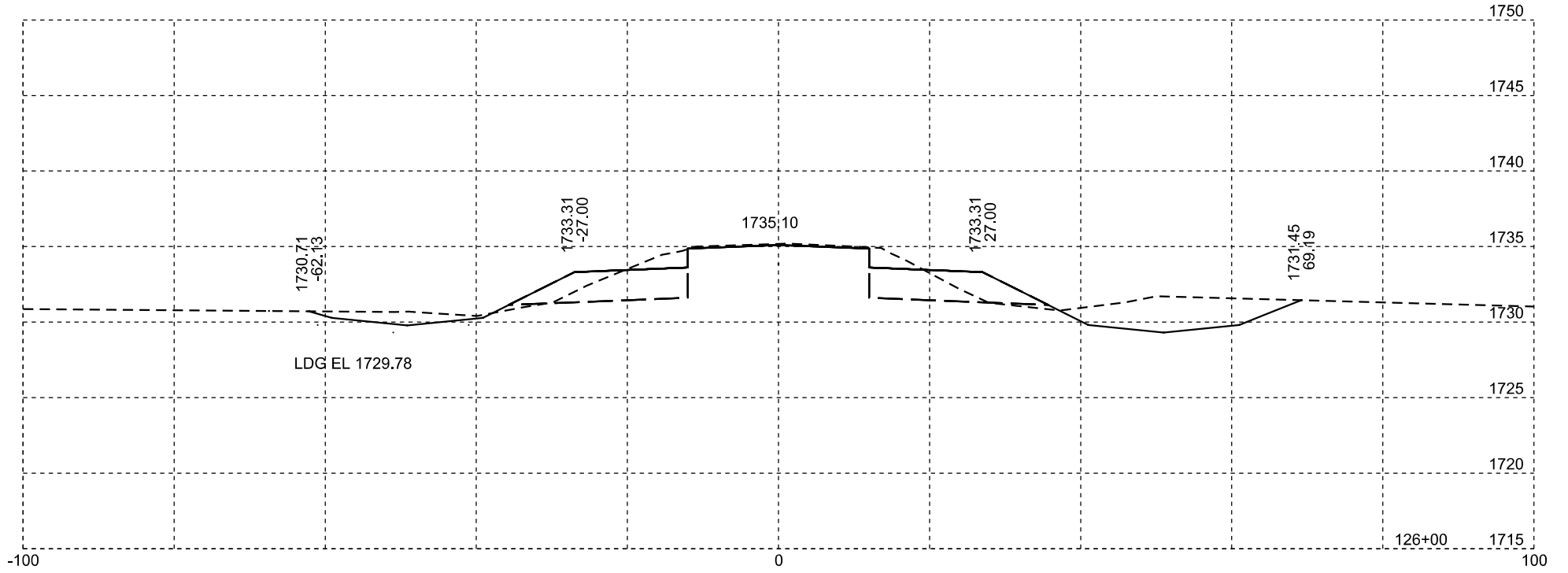
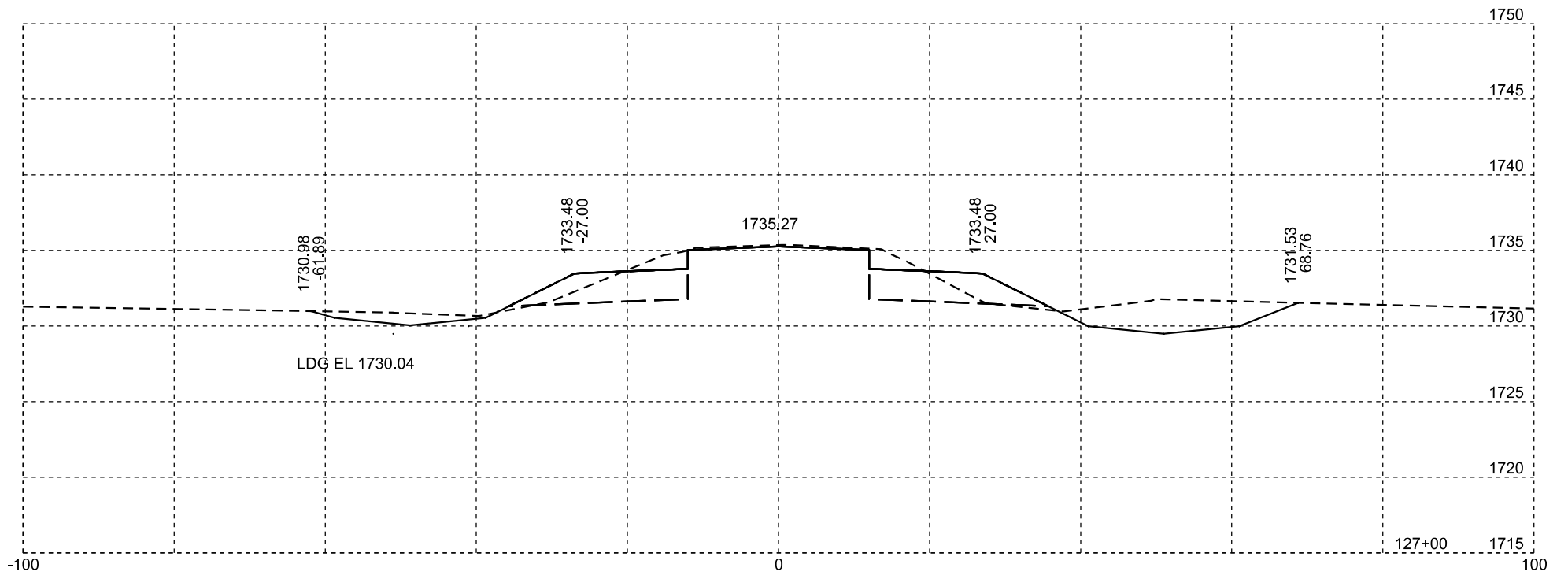
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X70	X110



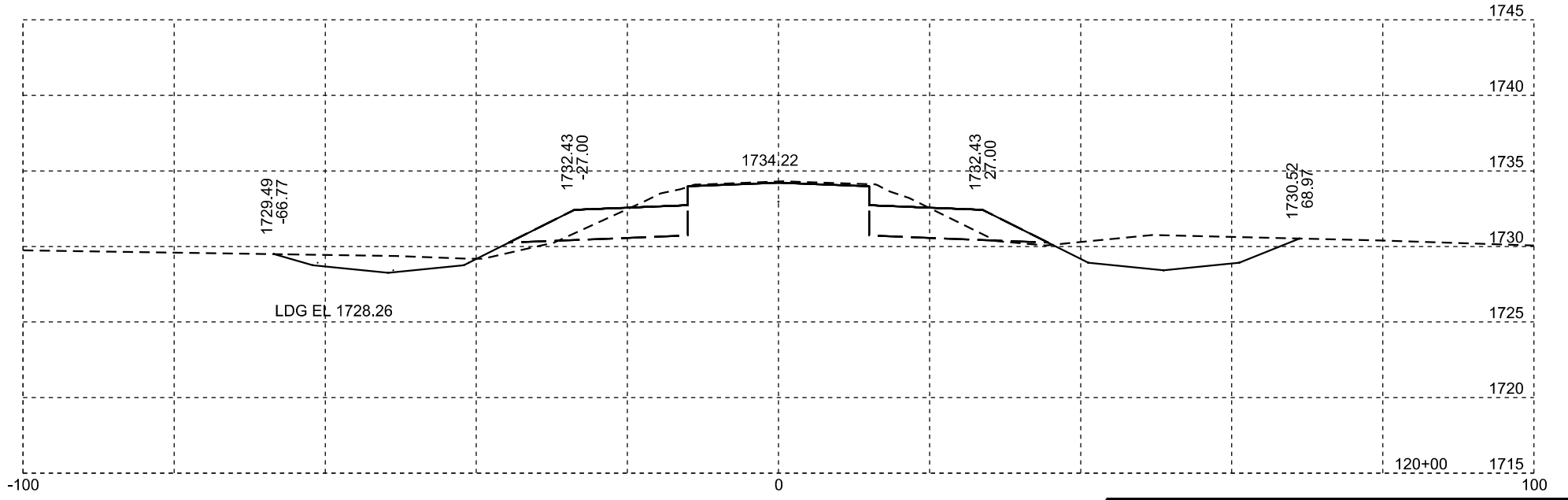
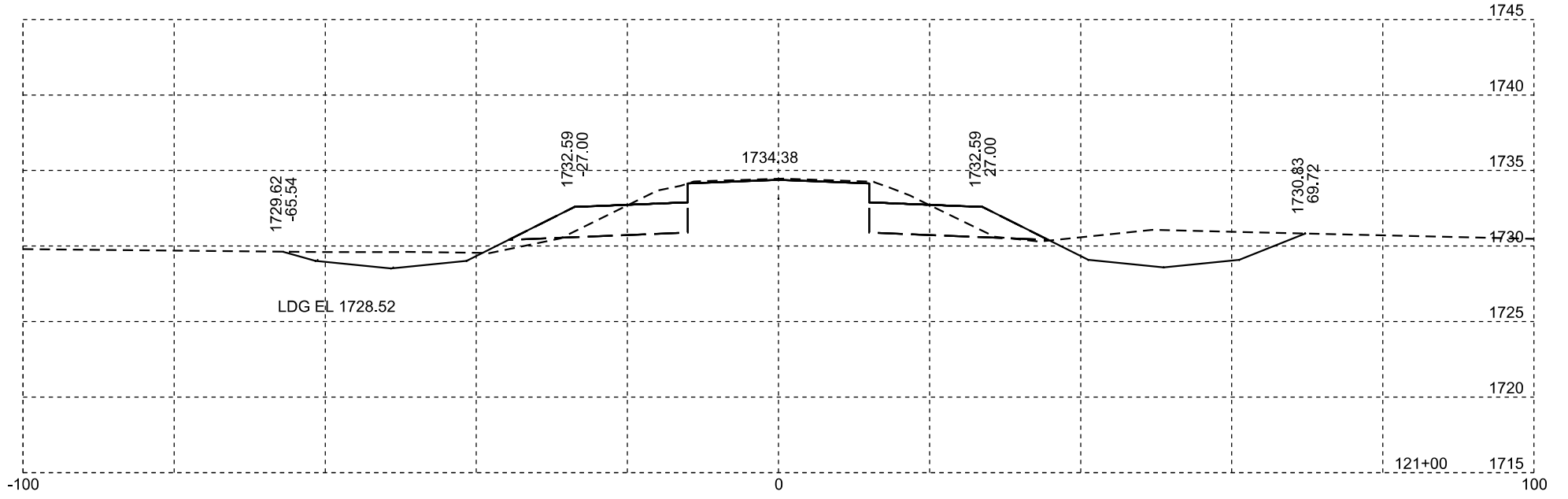
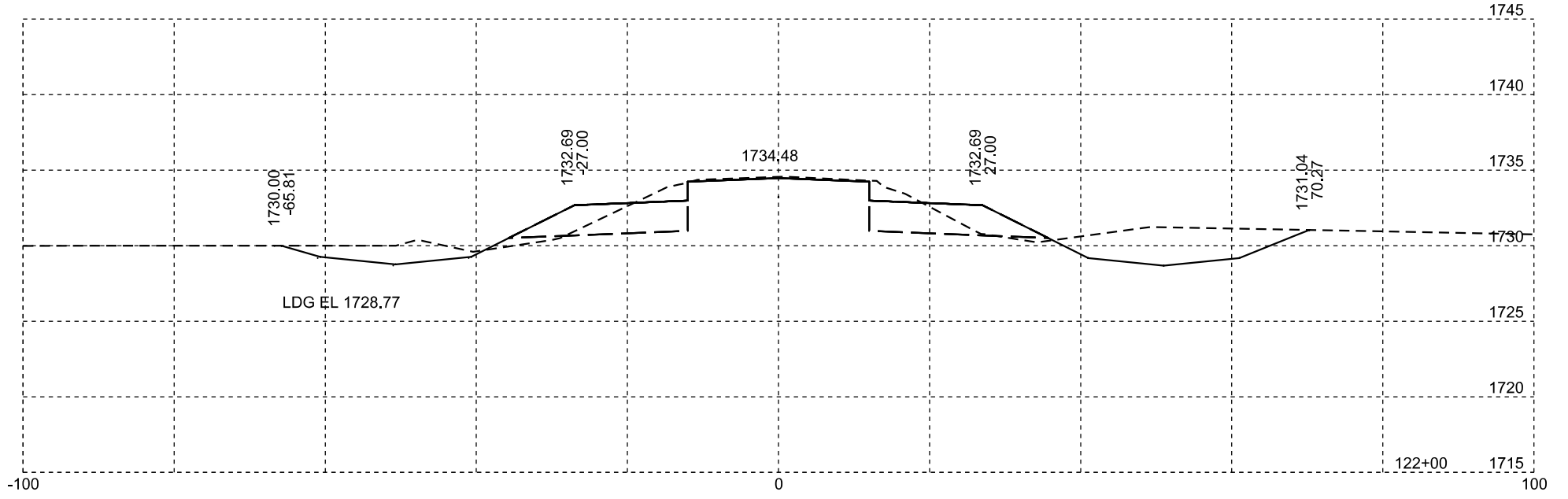
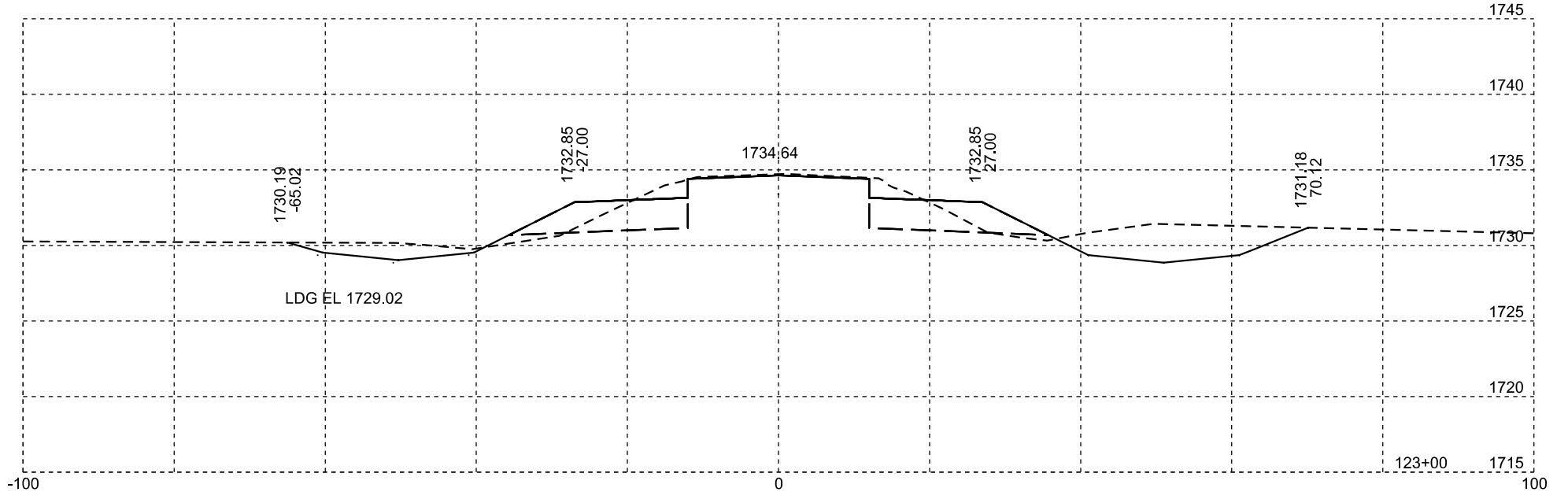
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X71	X110



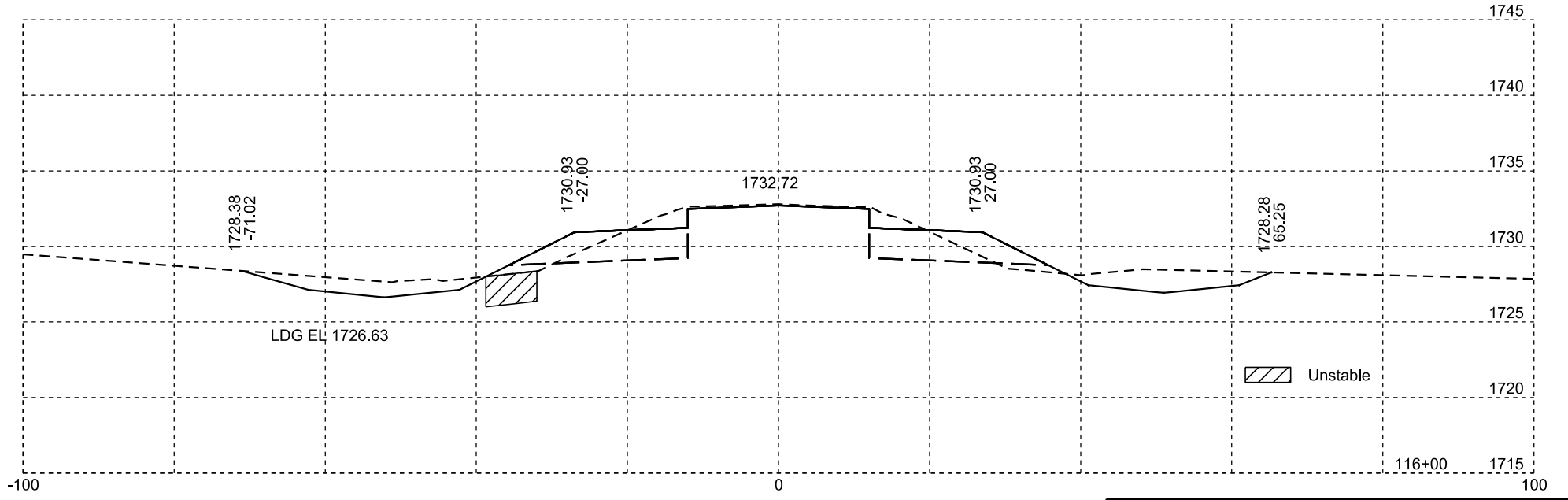
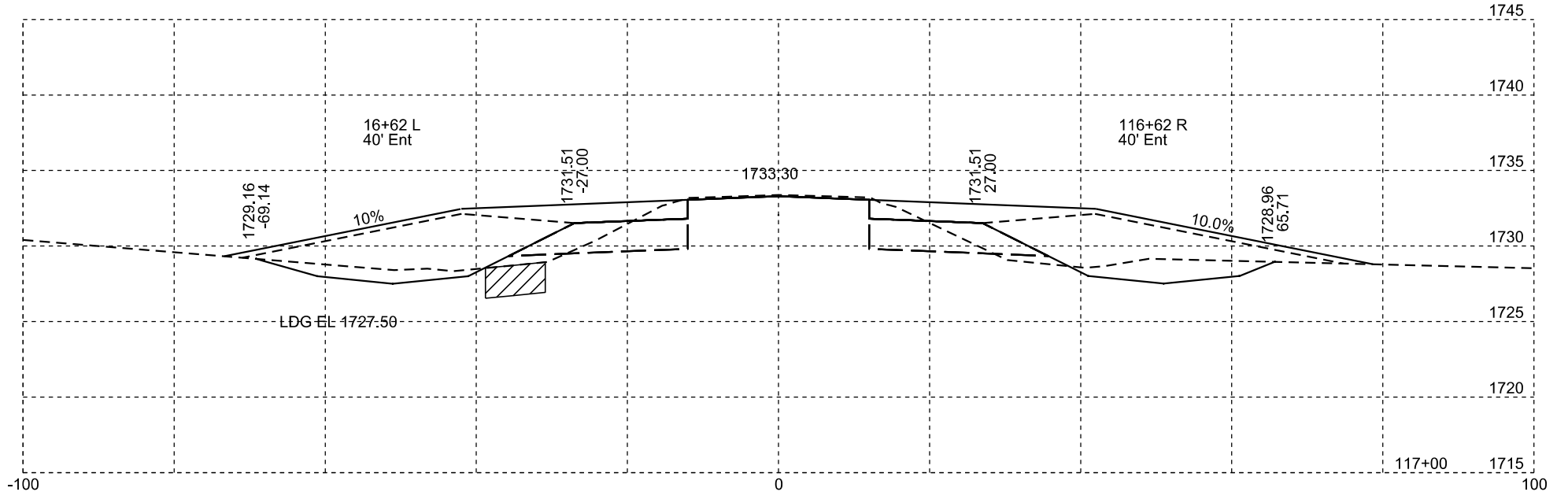
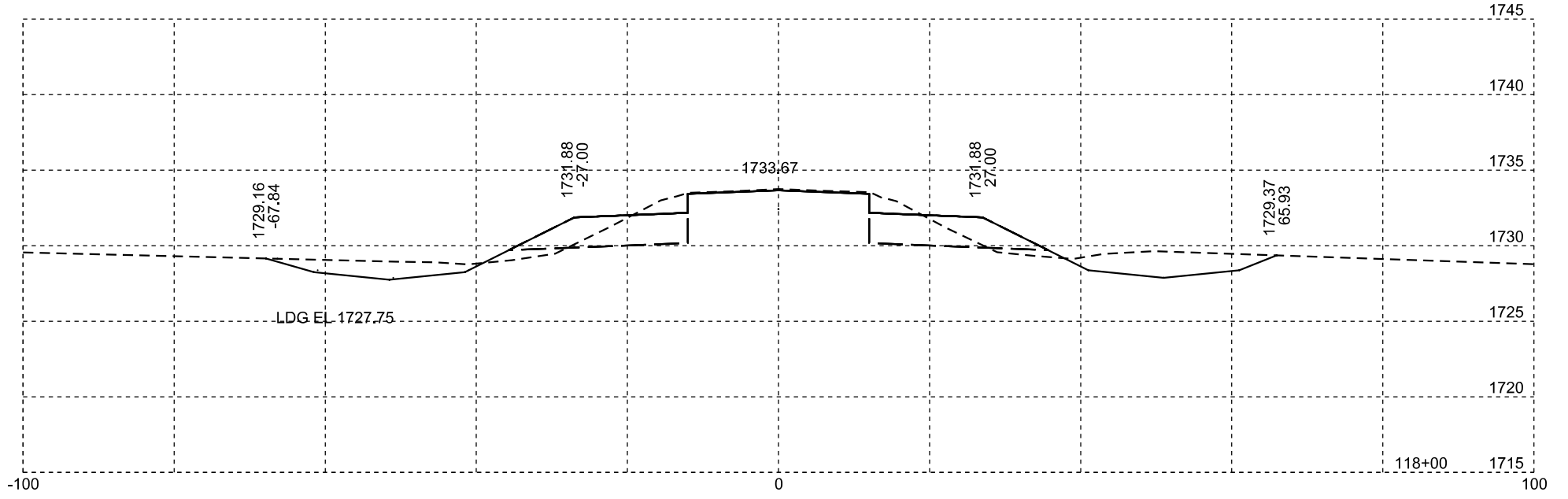
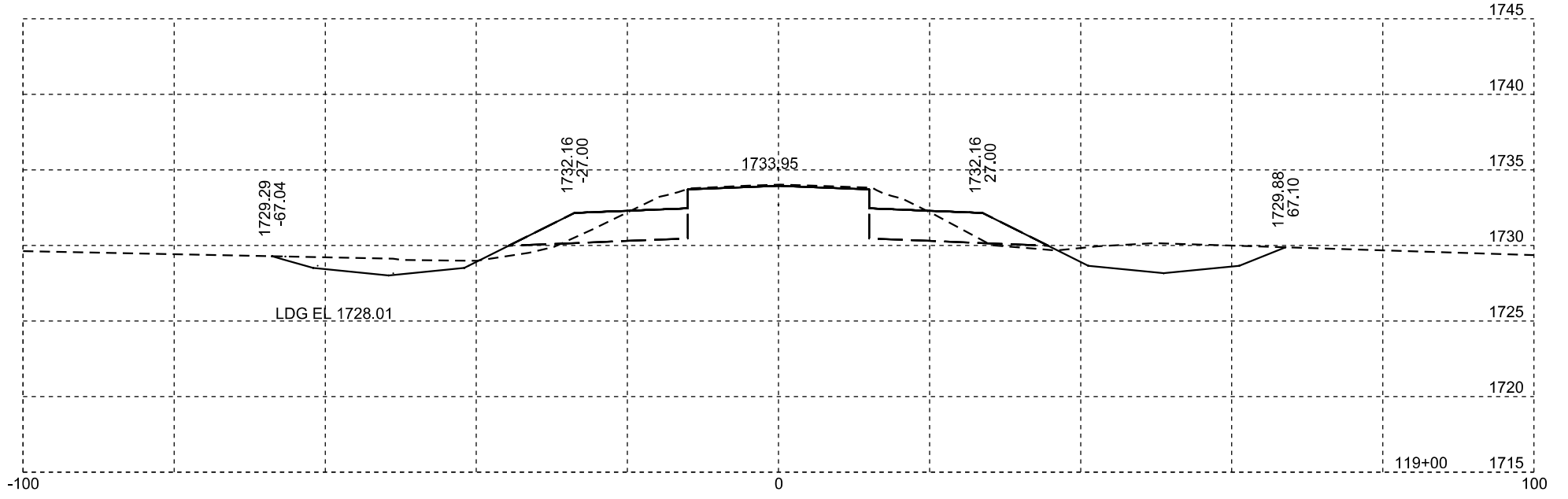
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X72	X110



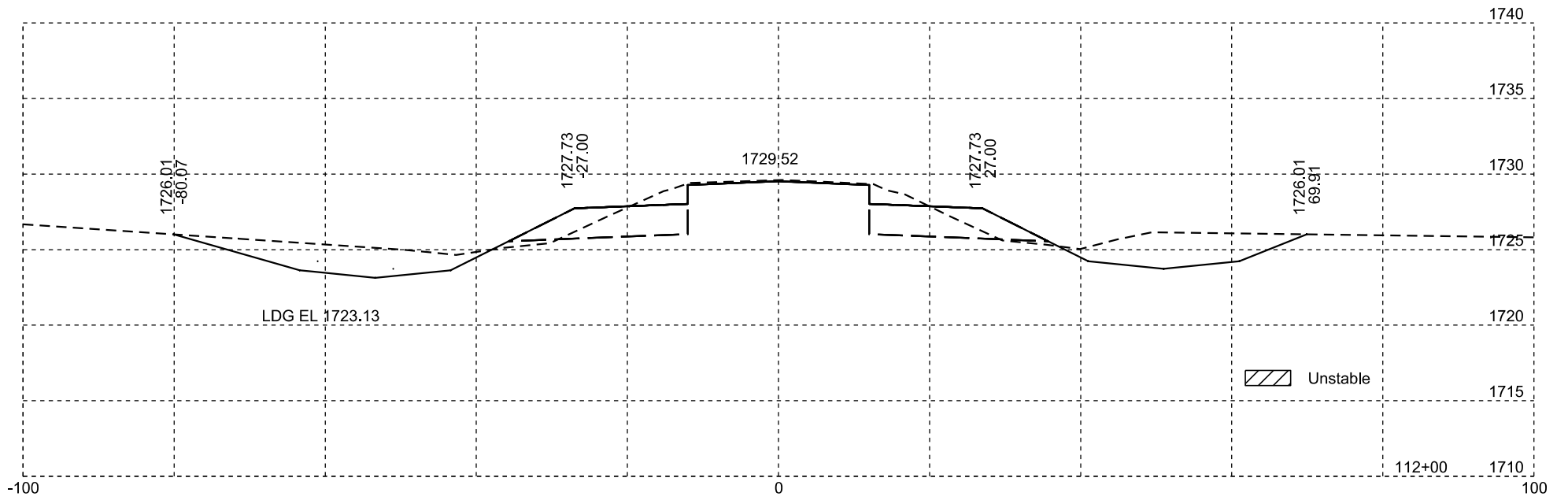
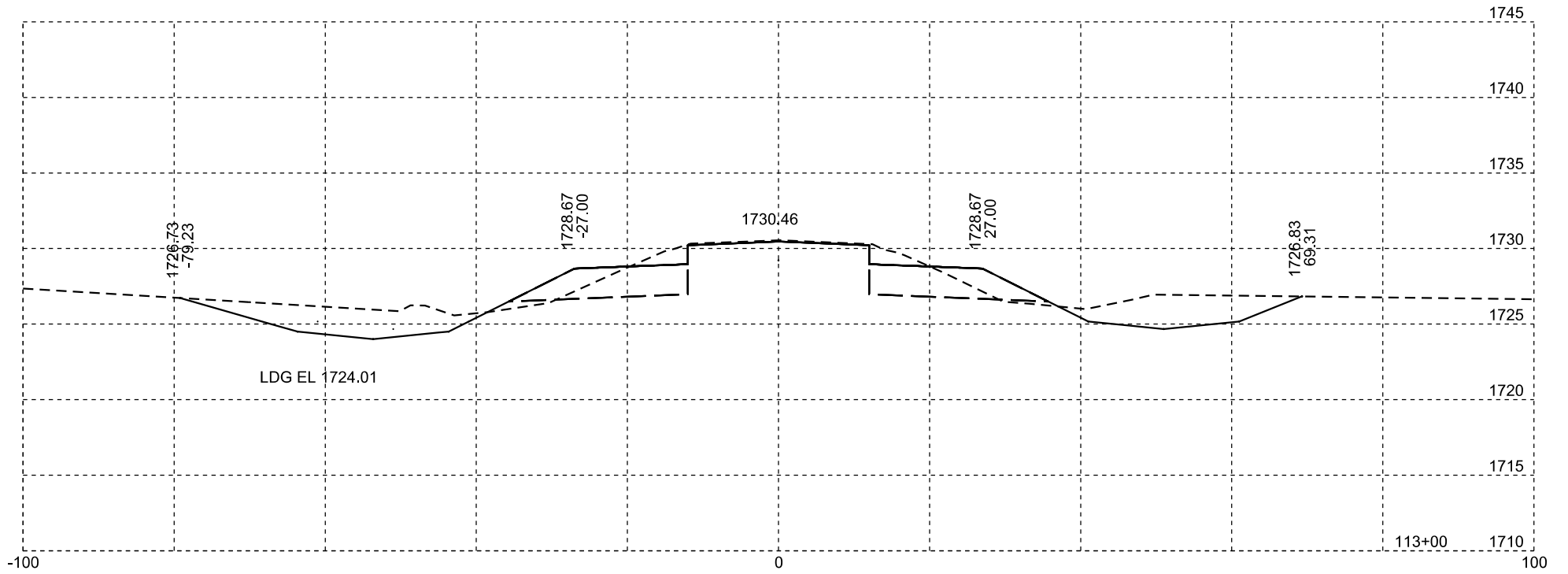
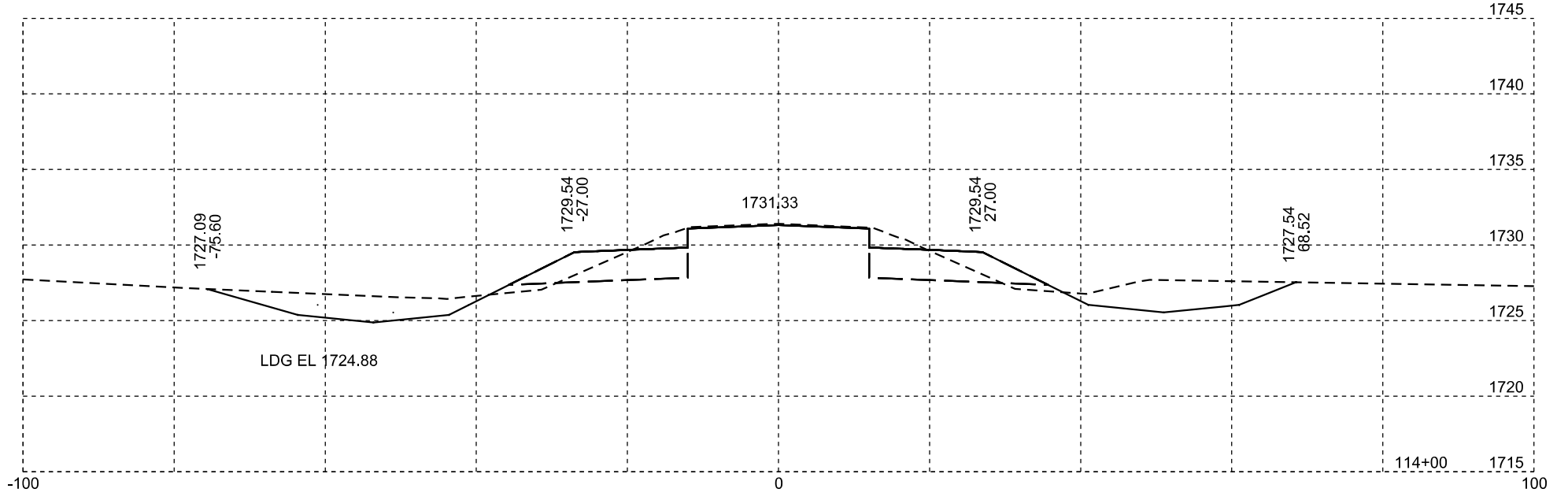
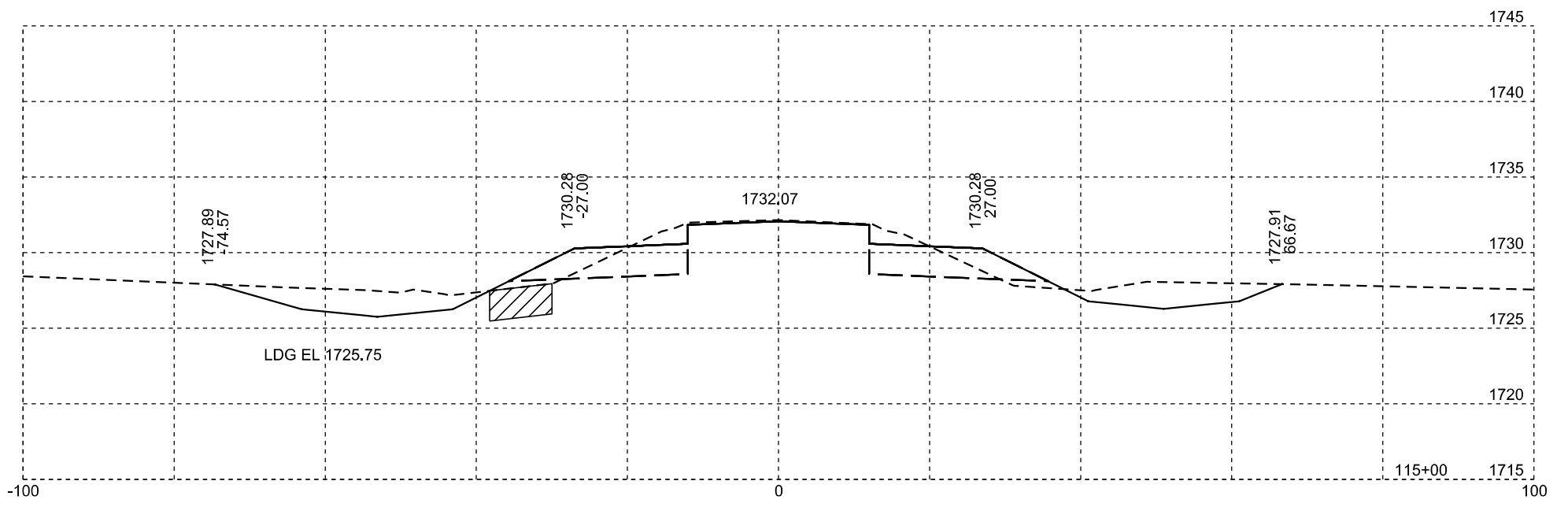
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X73	X110



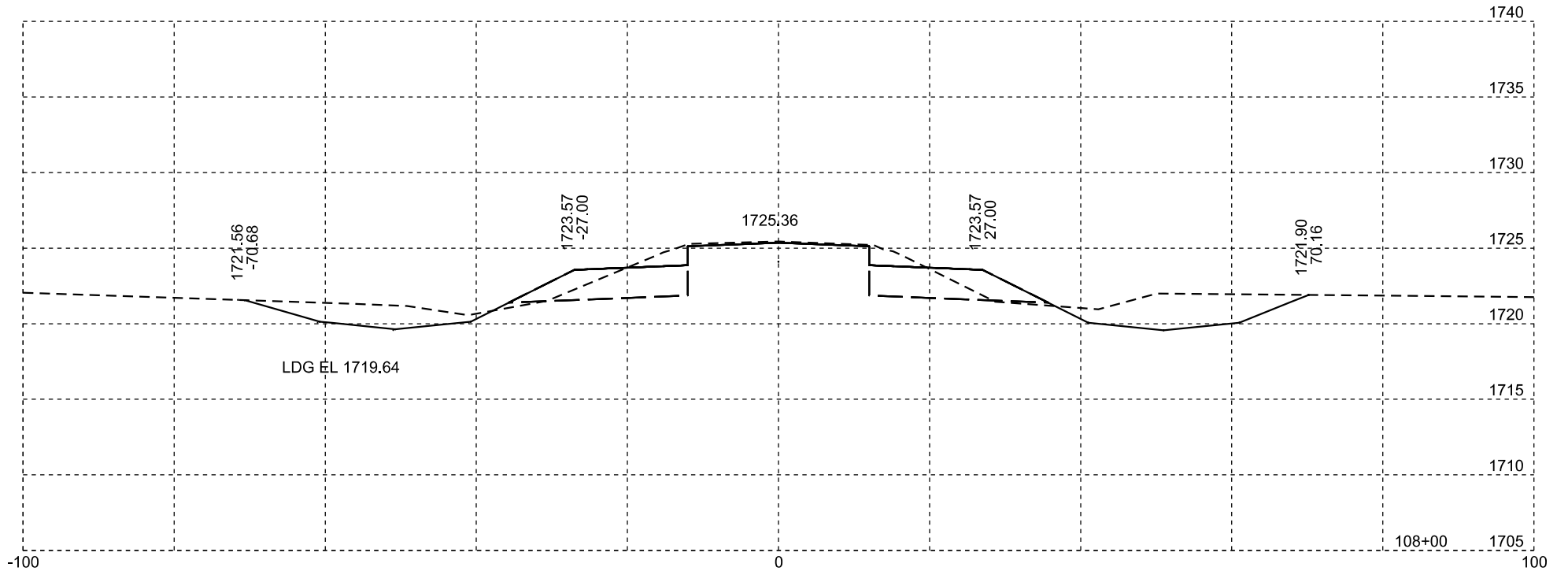
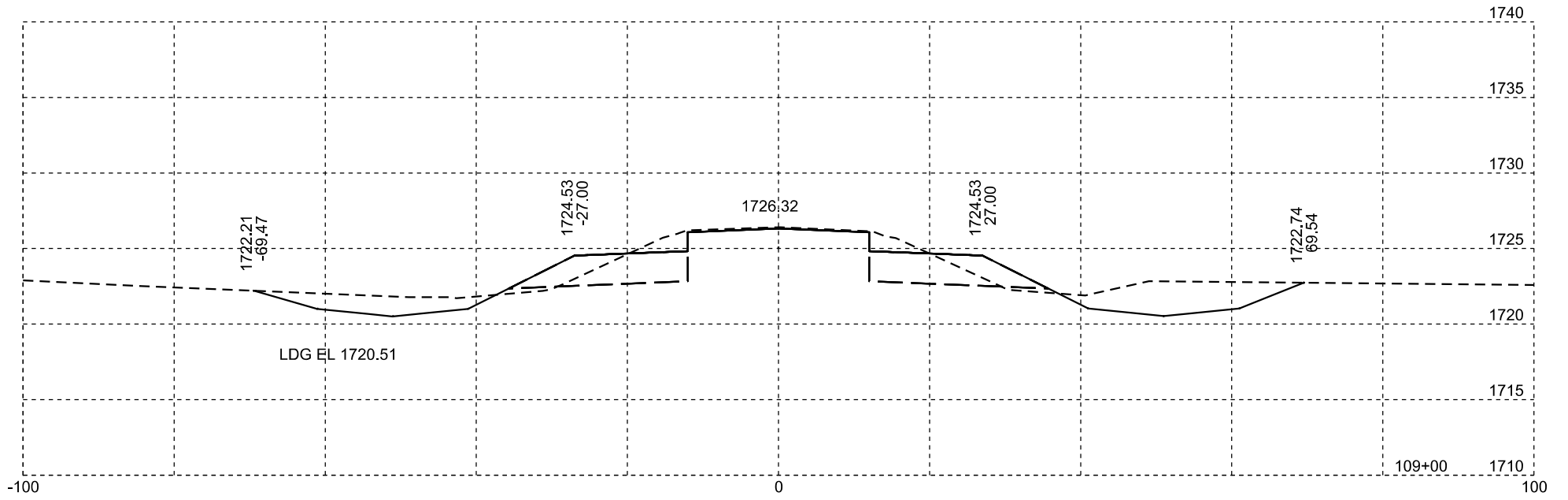
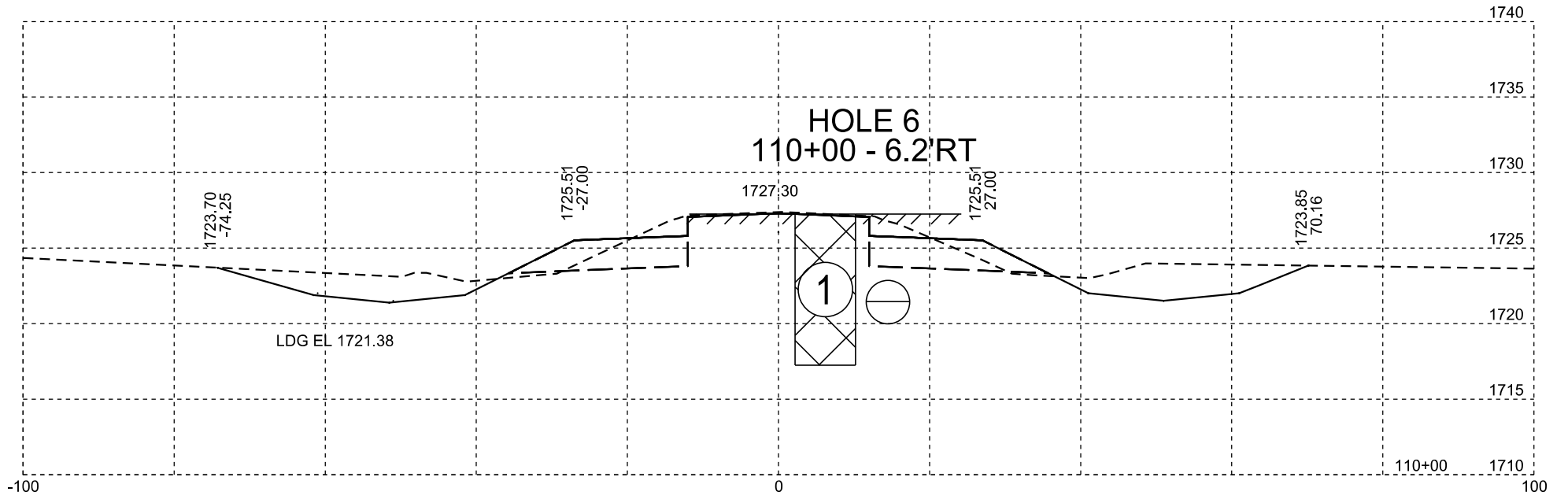
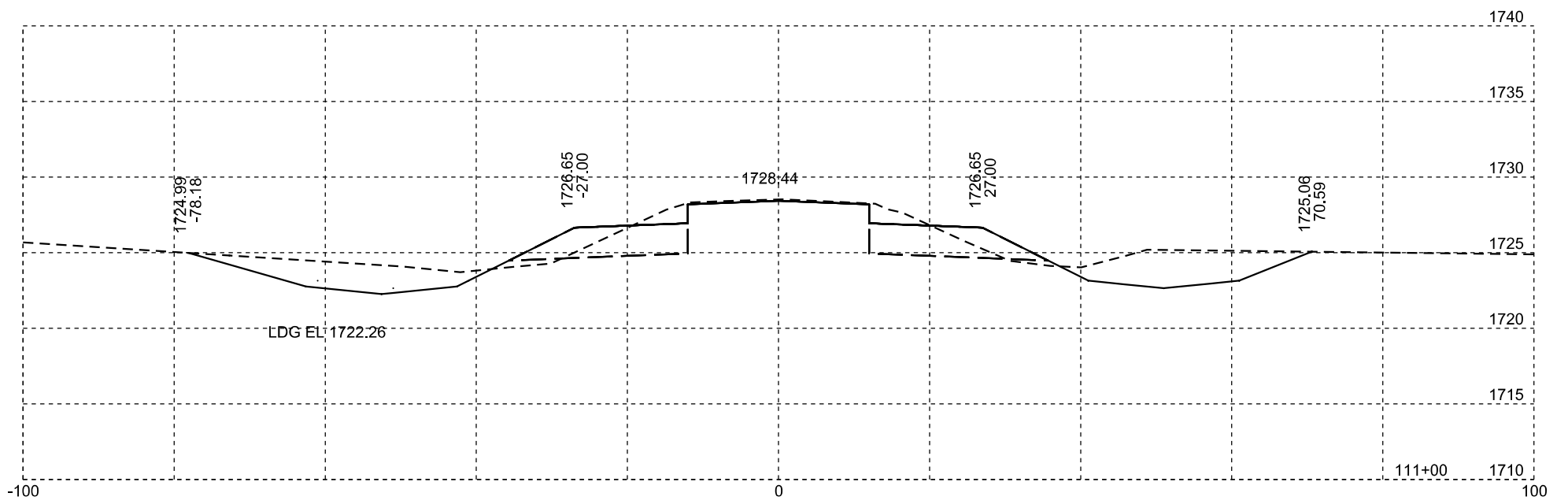
Revised Date: 12-12-2025 MDJ
 Plotting Date: 12/12/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0012(49)121	X74	X110



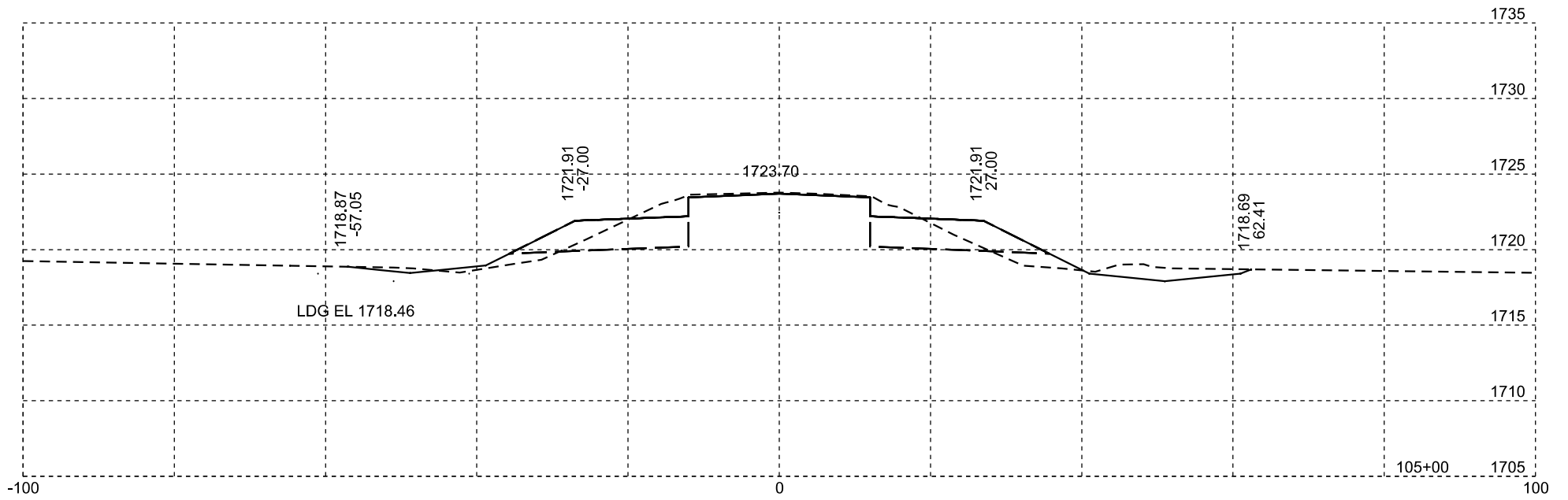
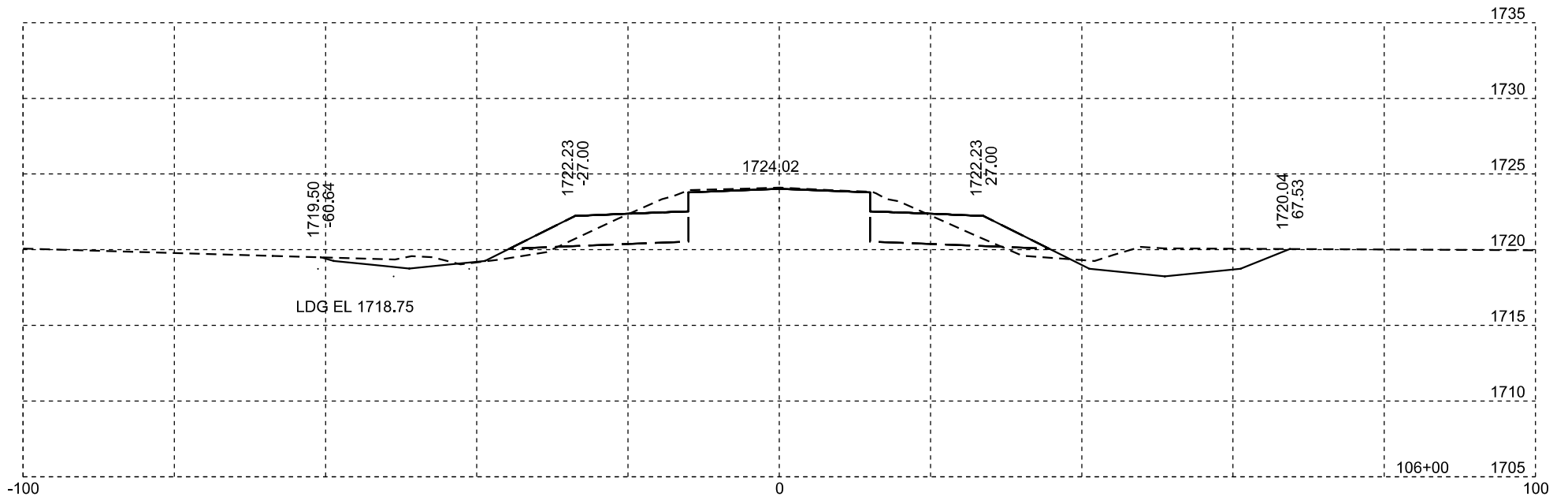
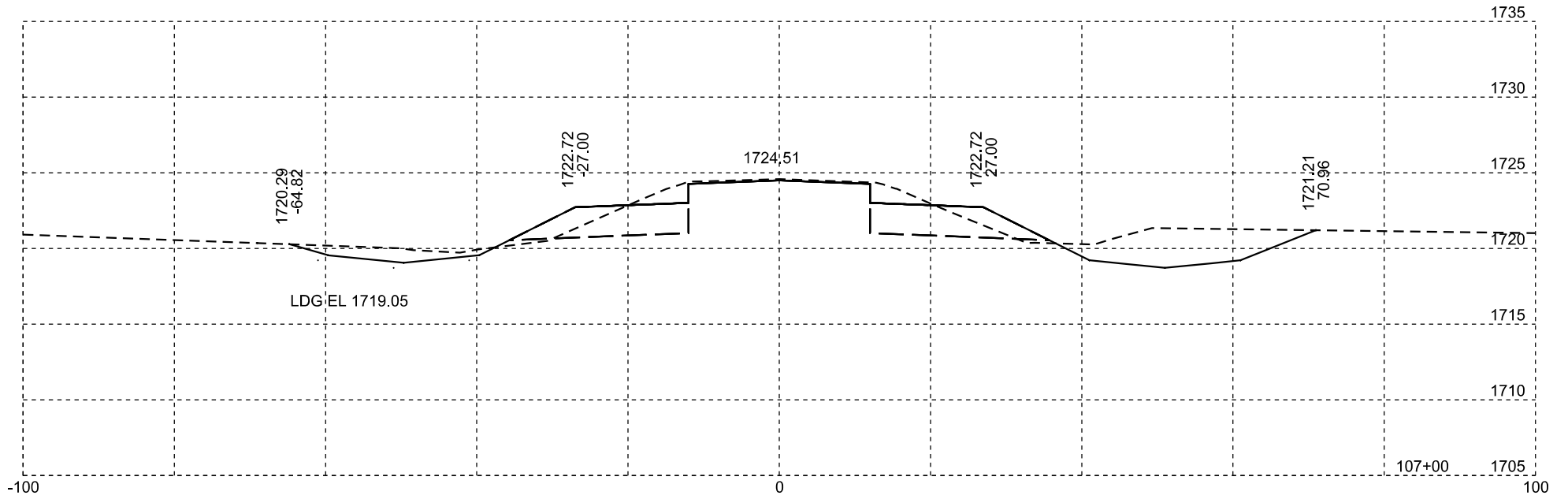
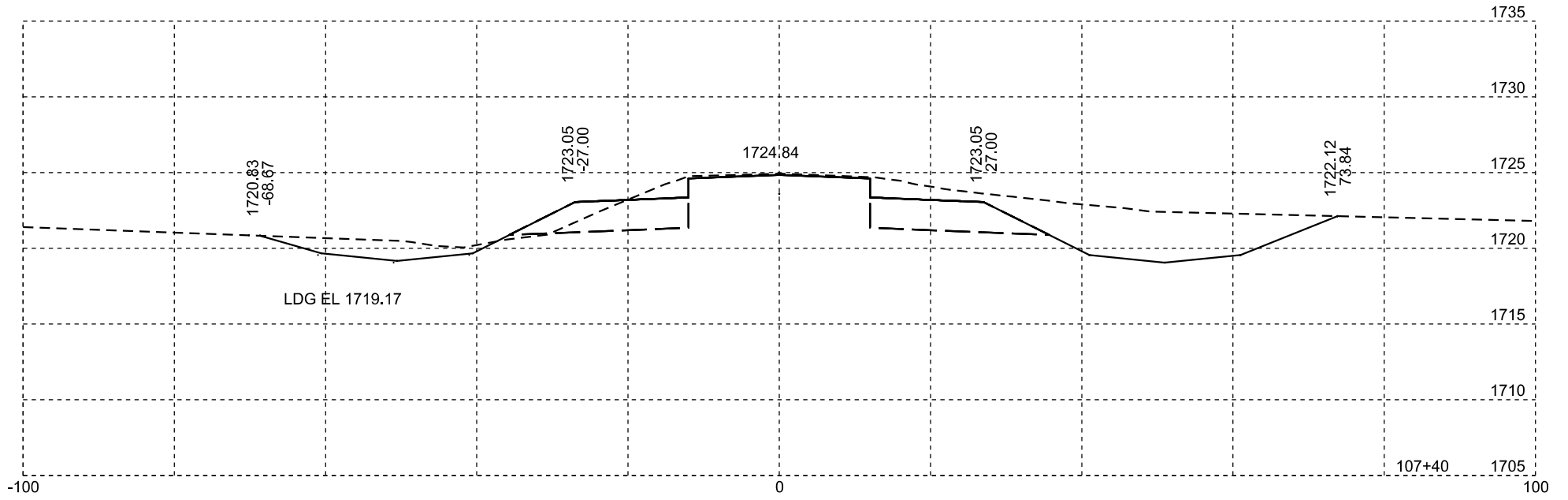
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X75	X110



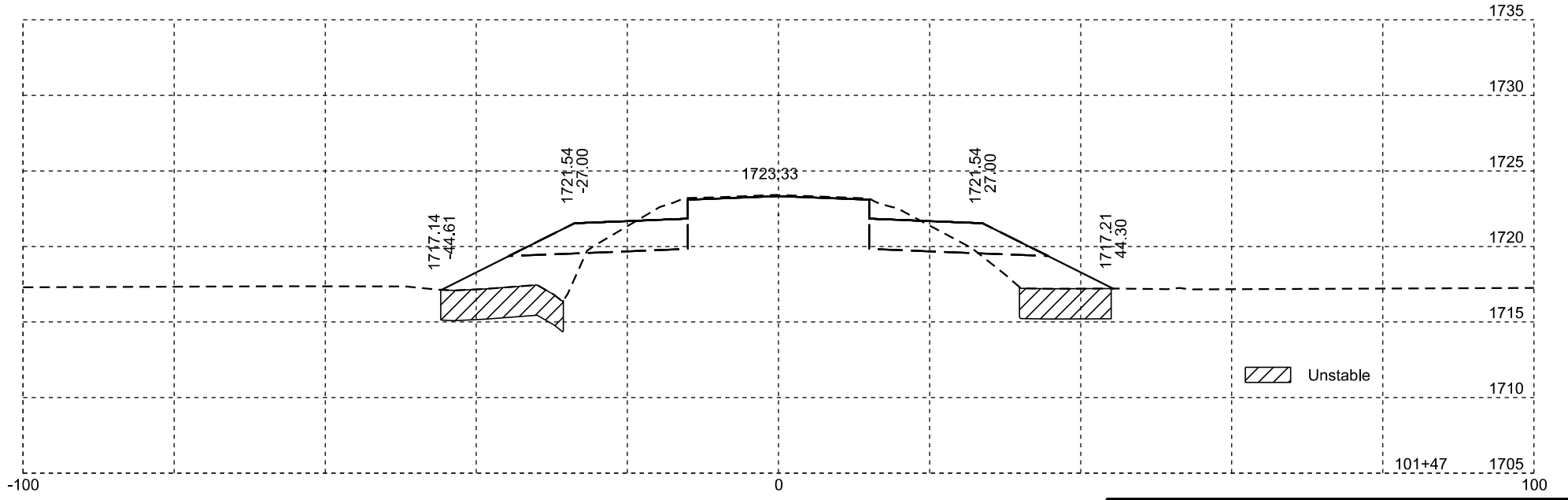
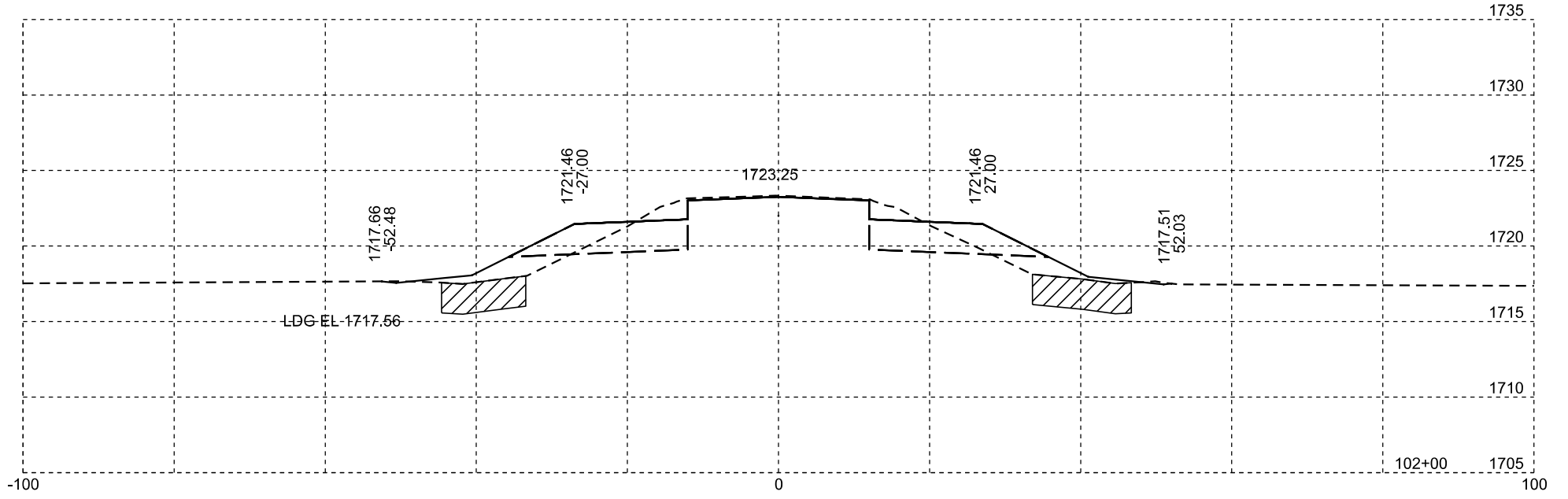
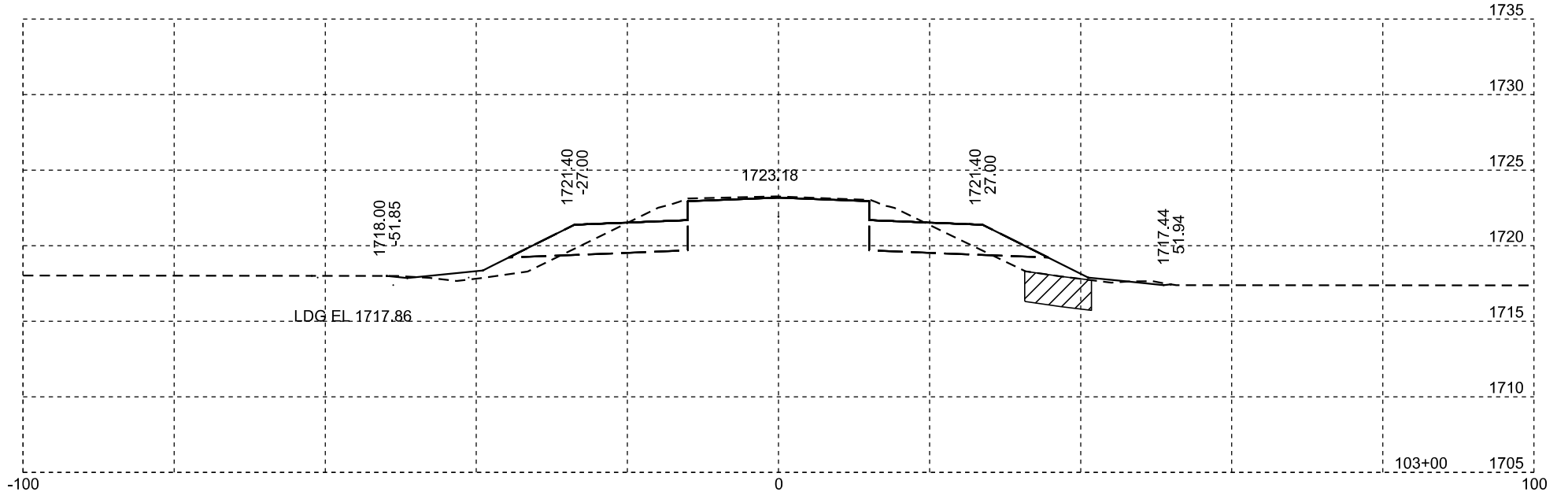
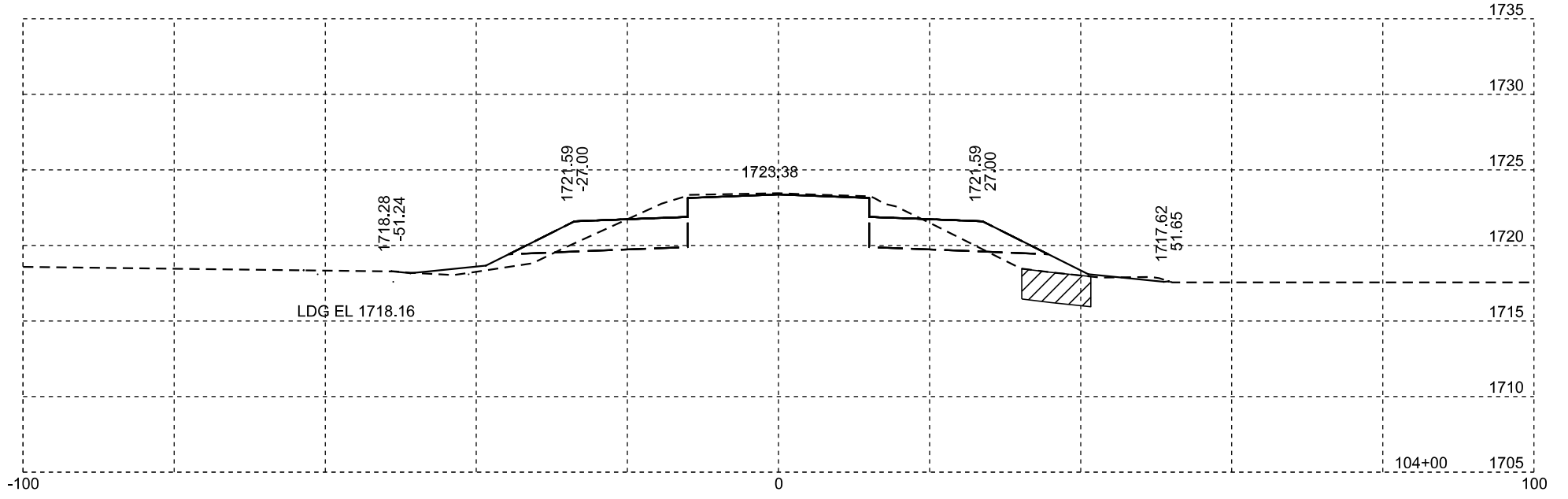
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X76	X110



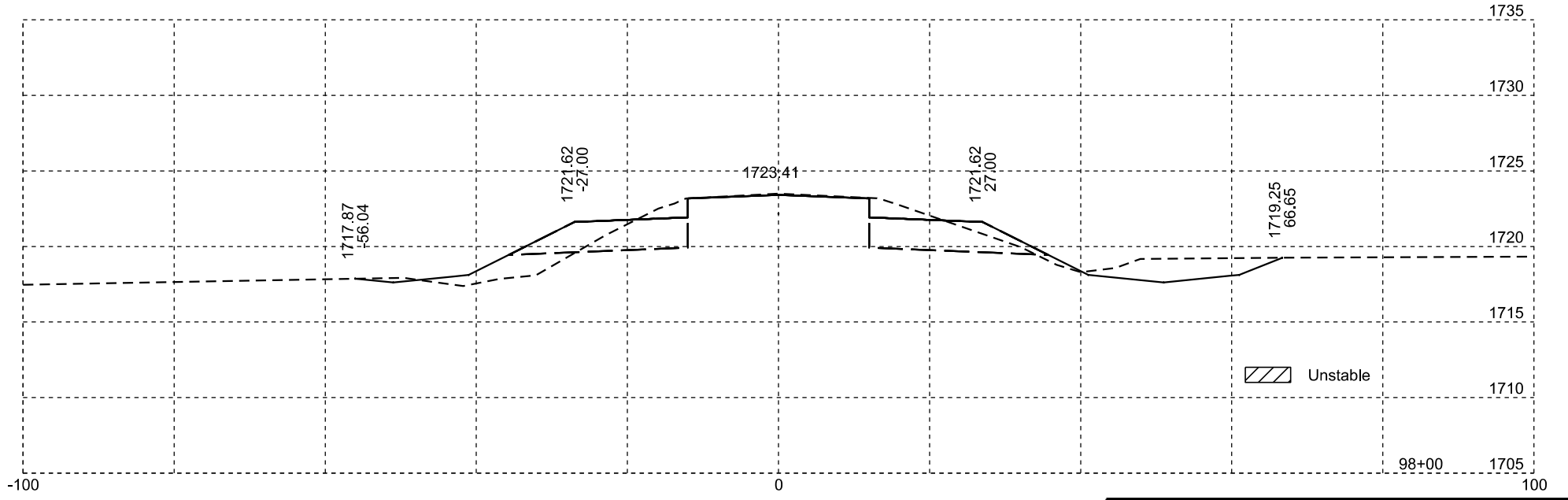
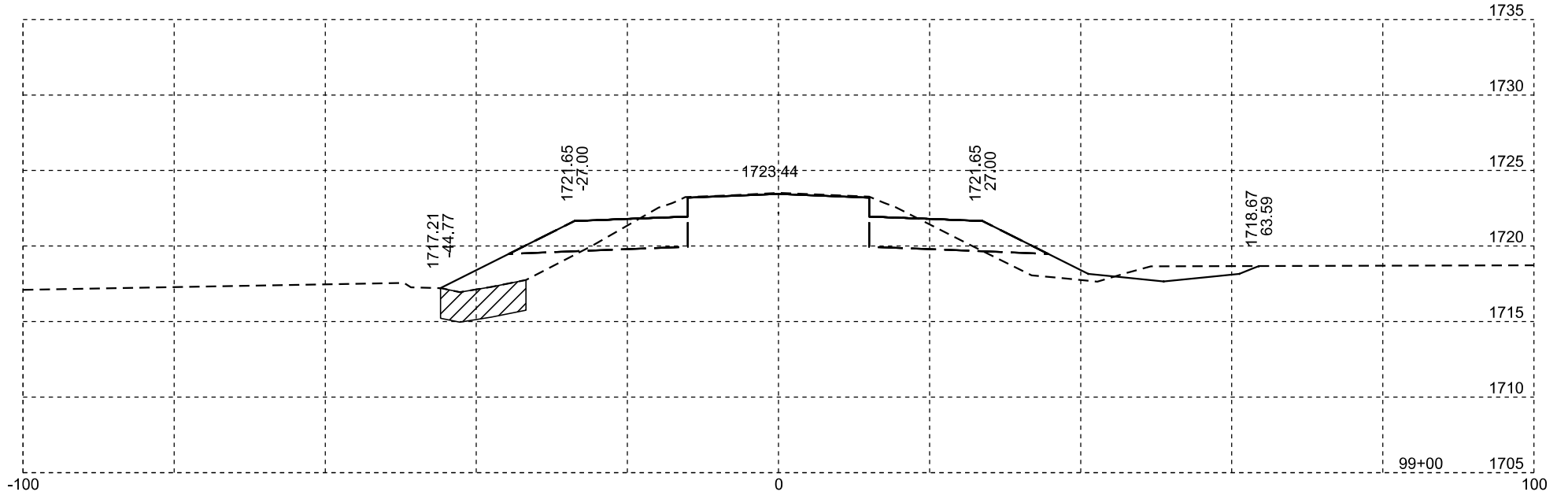
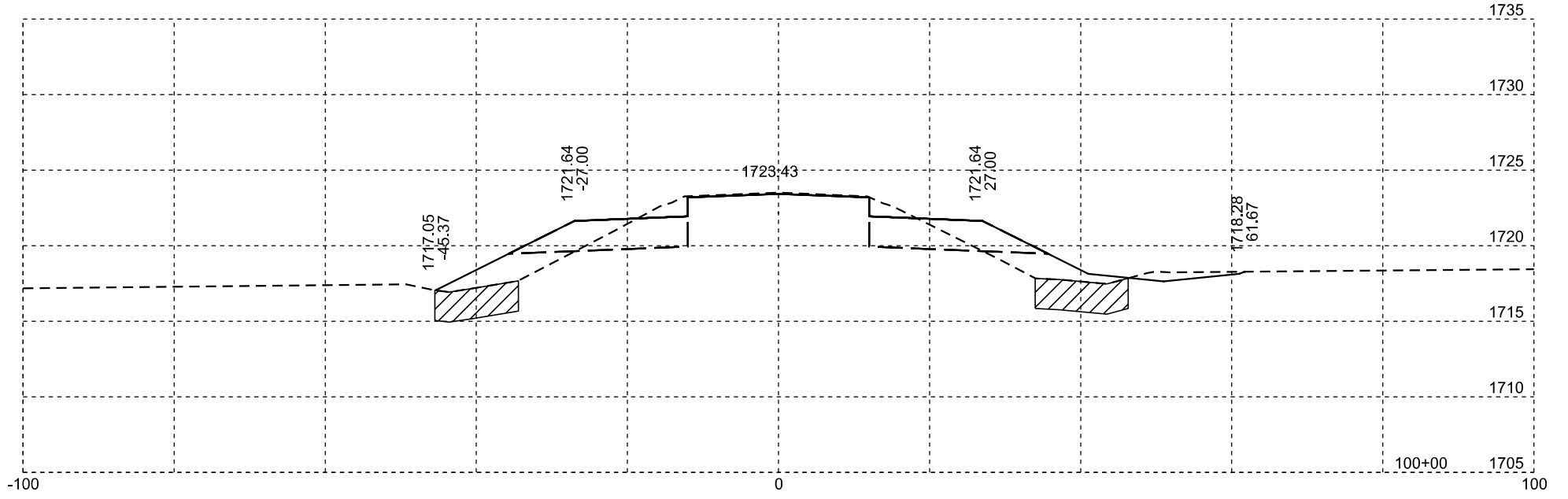
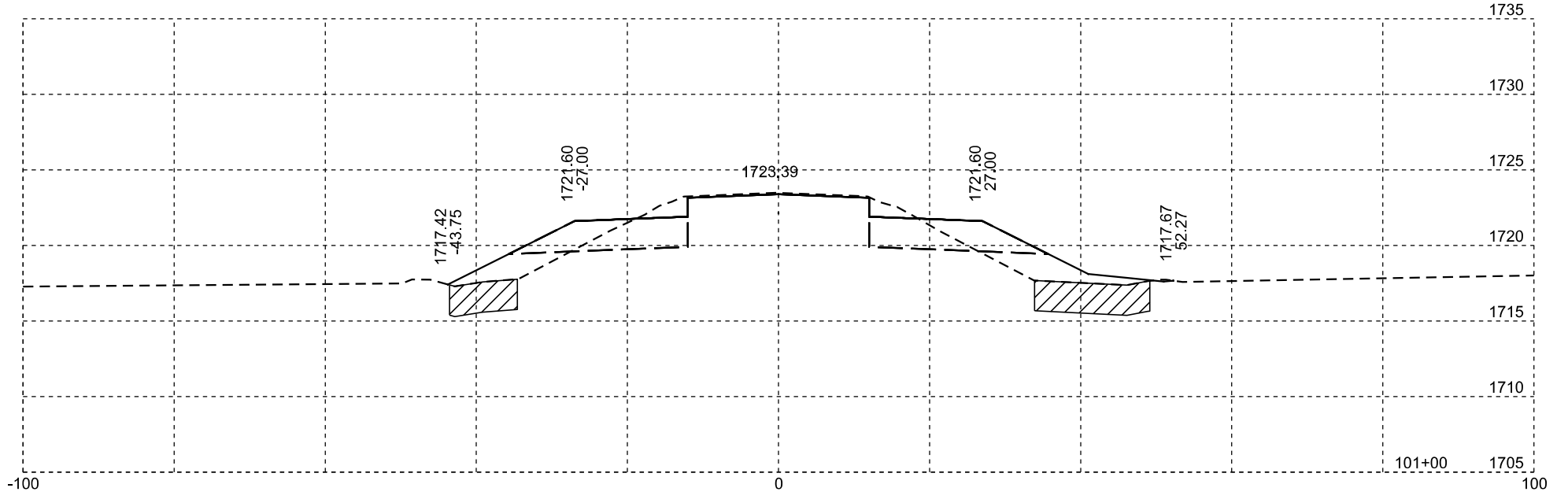
Revised Date: 12-12-2025 MDJ
 Plotting Date: 12/12/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0012(49)121	X77	X110



Plotting Date: 04/15/2024

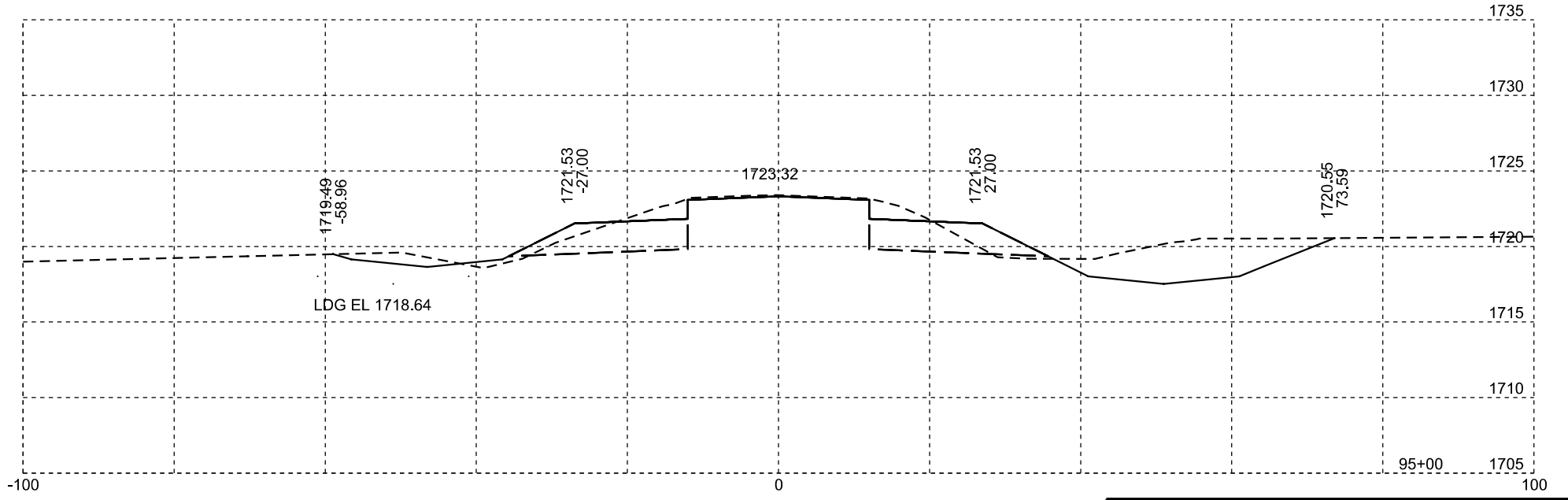
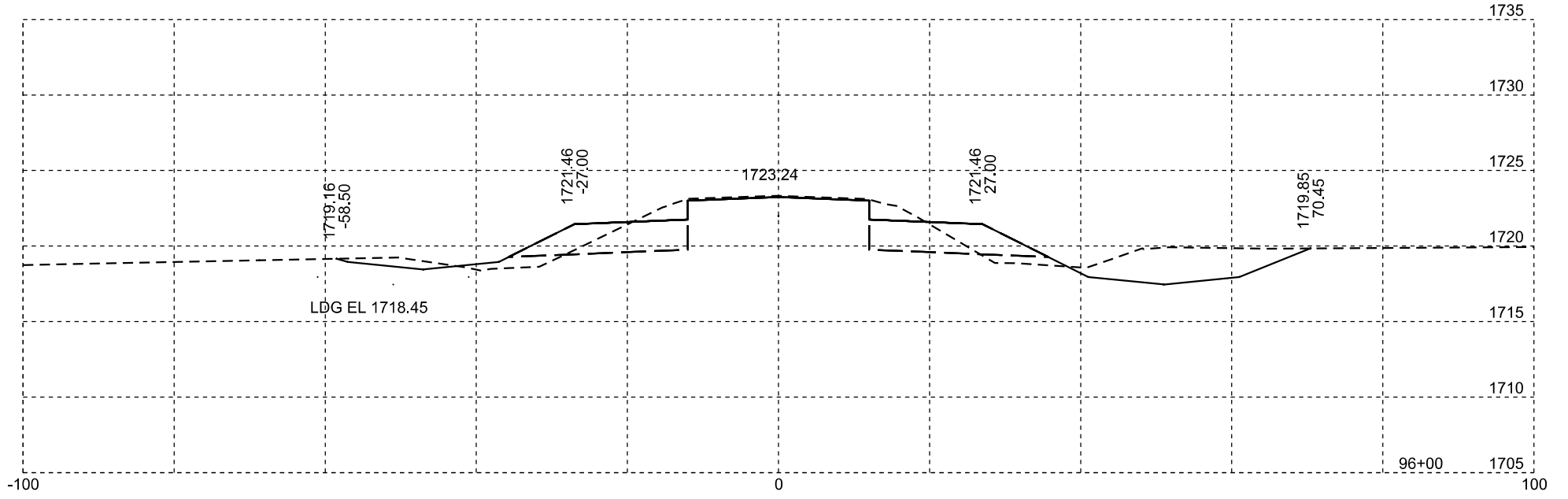
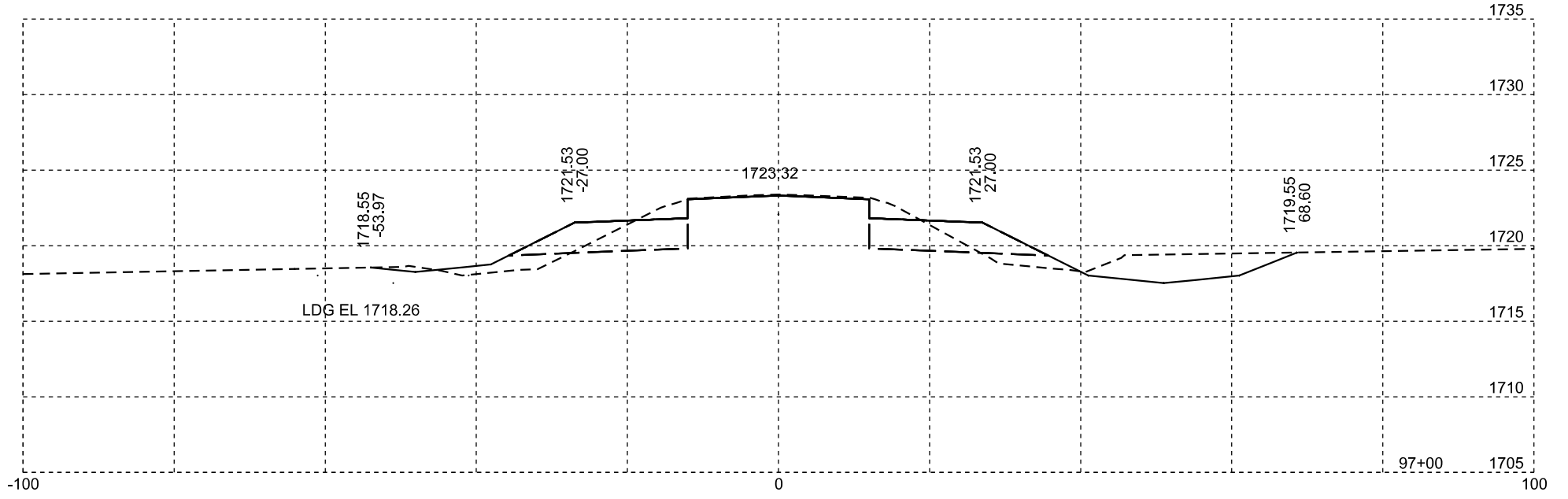
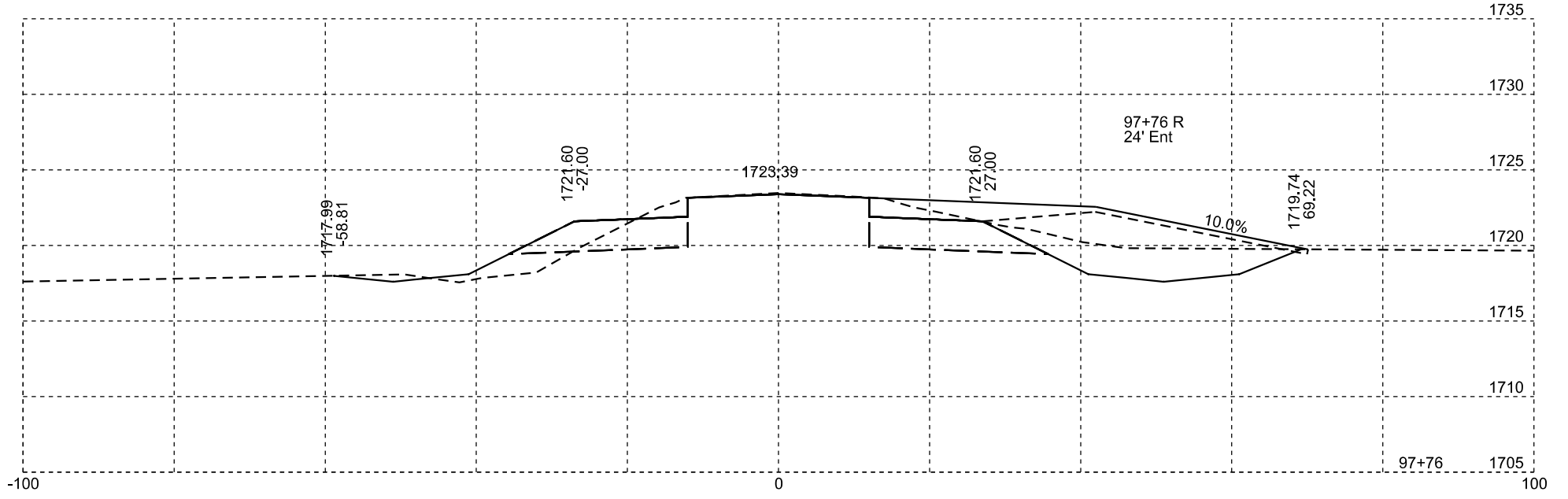
STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X78	X110



Unstable

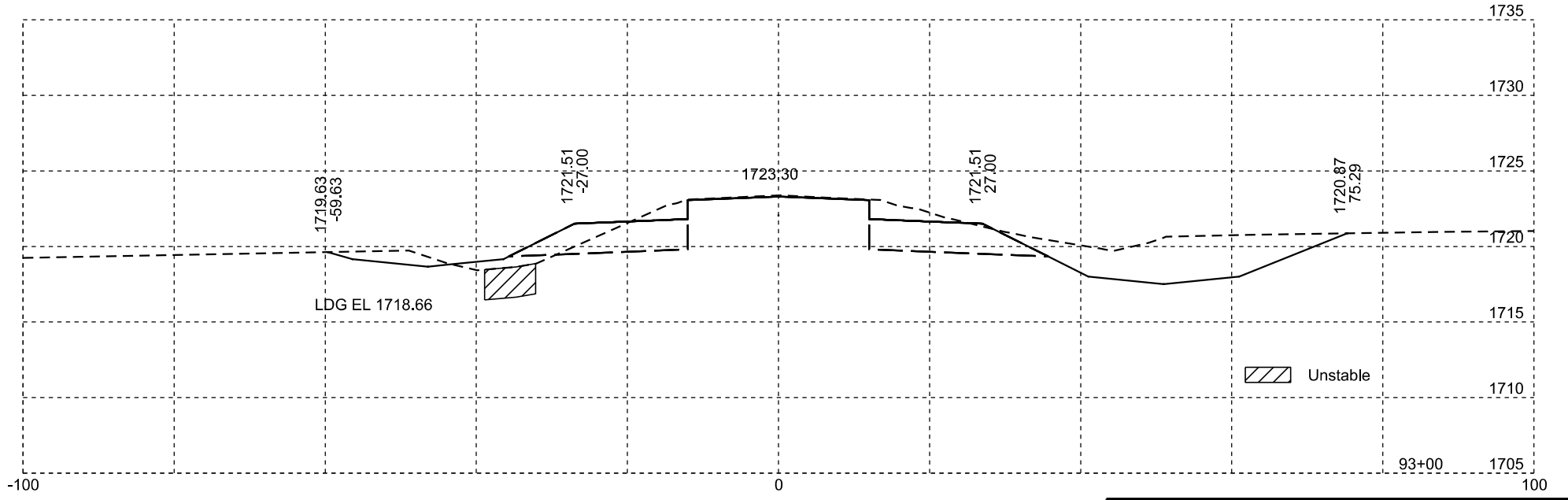
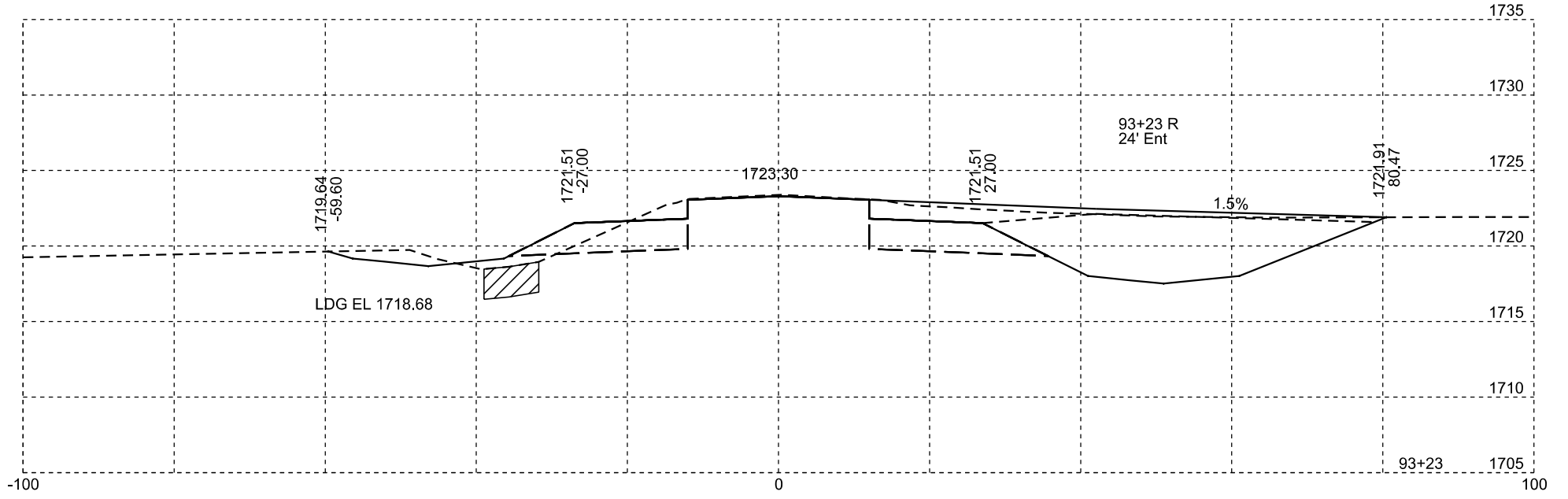
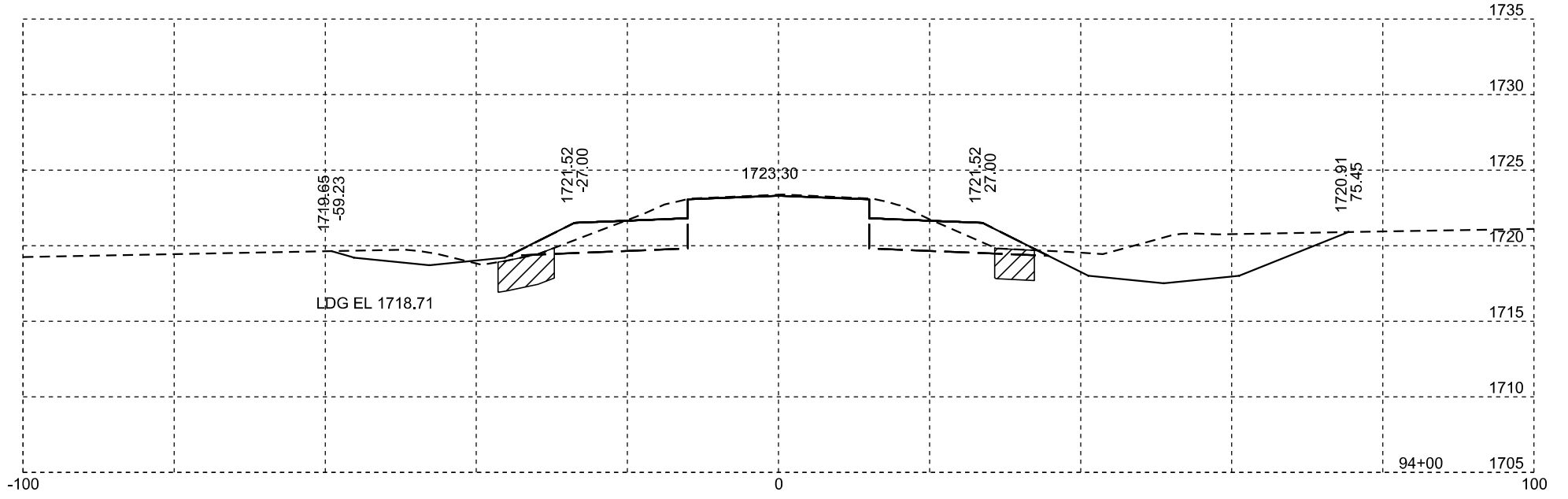
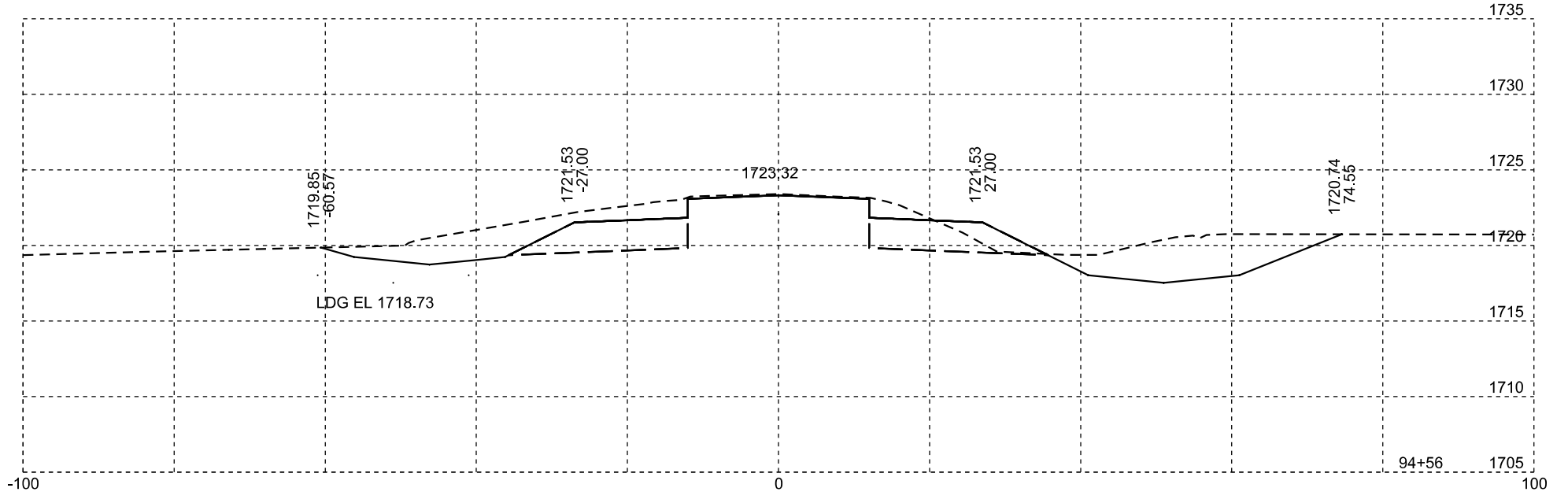
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X79	X110



Plotting Date: 04/15/2024

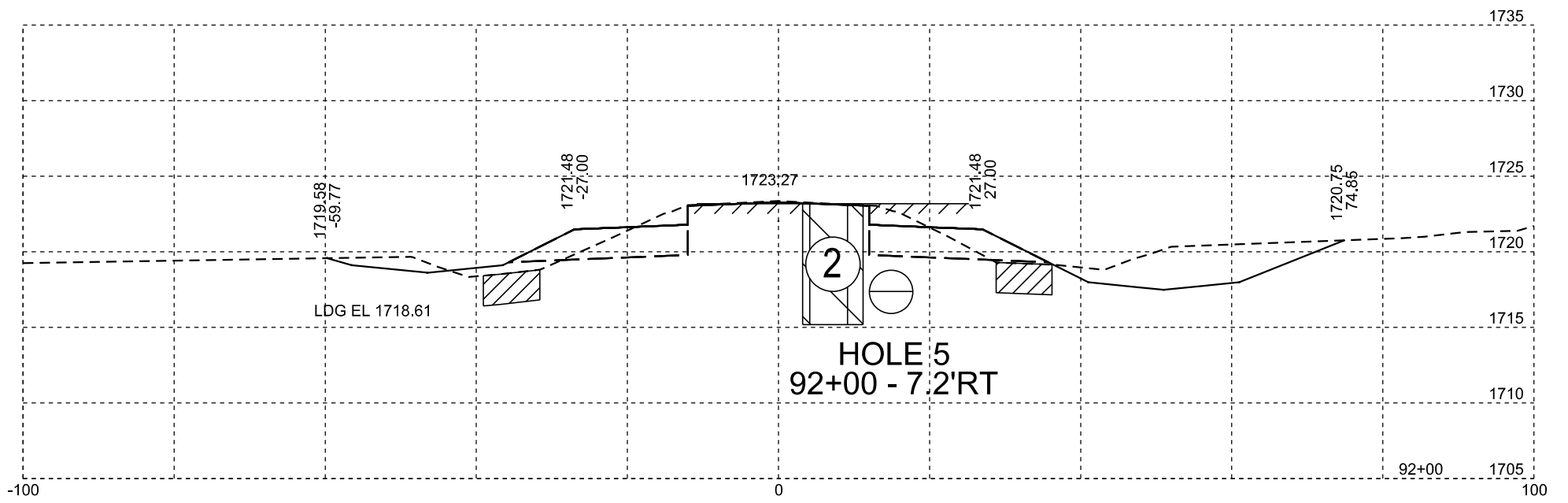
STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X80	X110



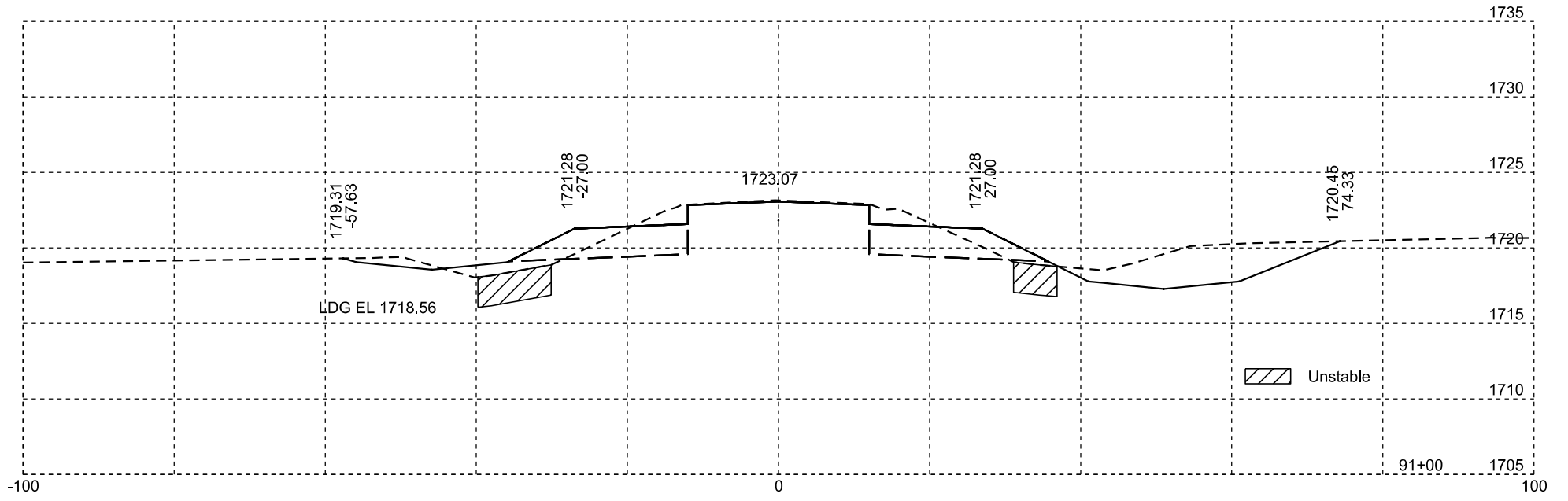
Unstable

Plotting Date: 04/15/2024

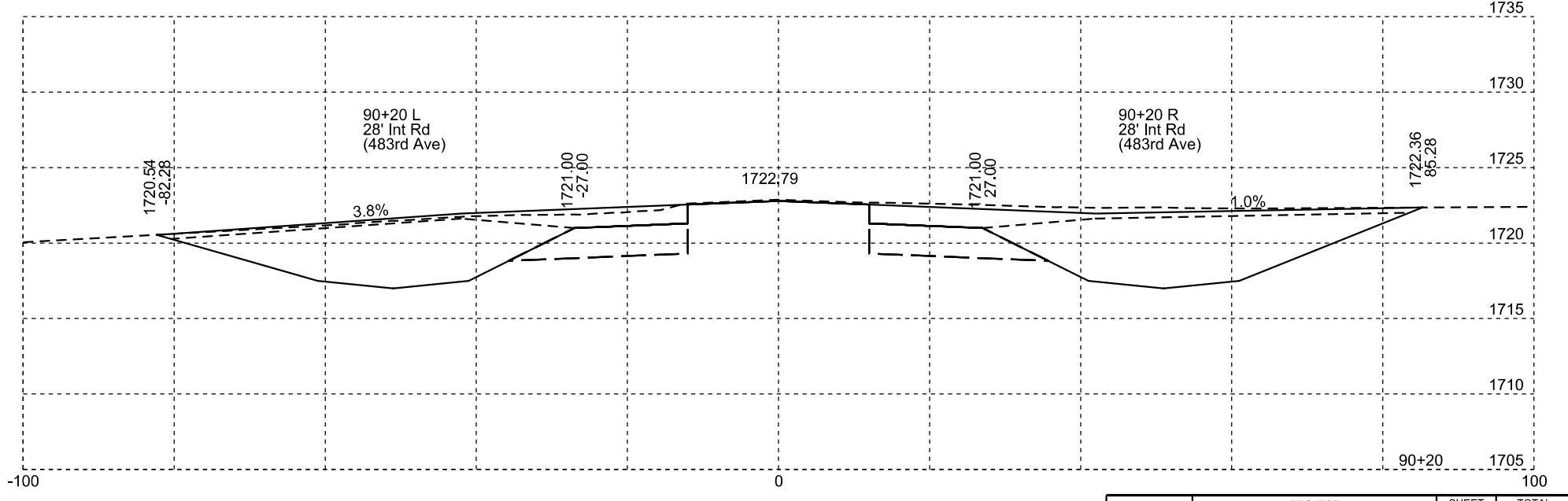
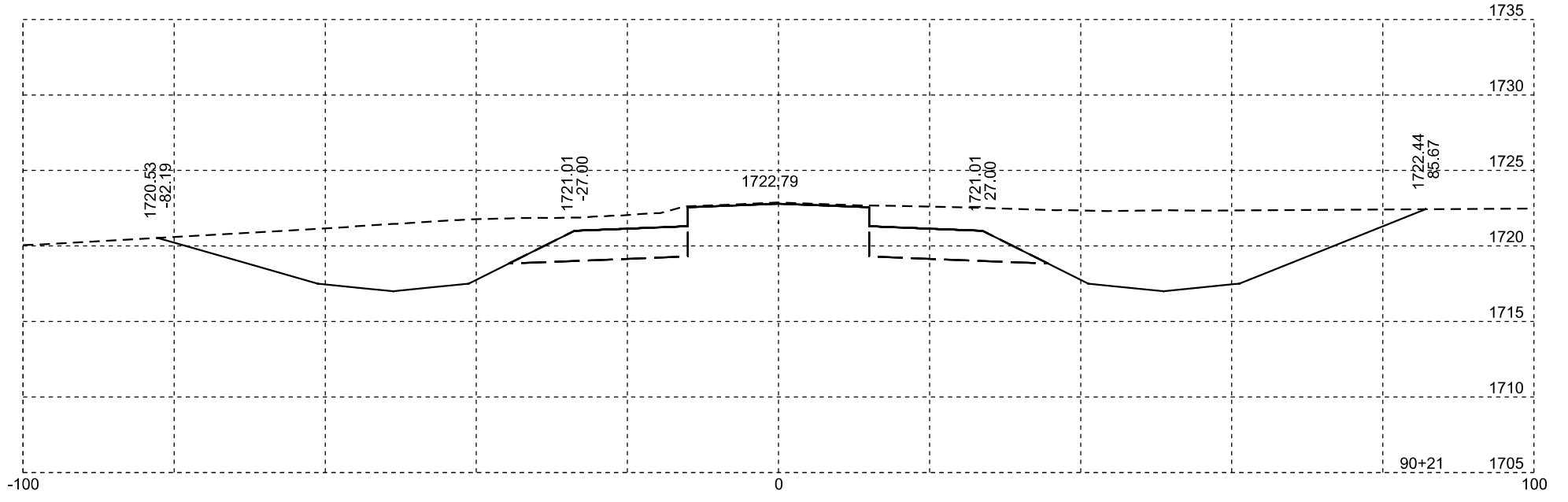
STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X81	X110



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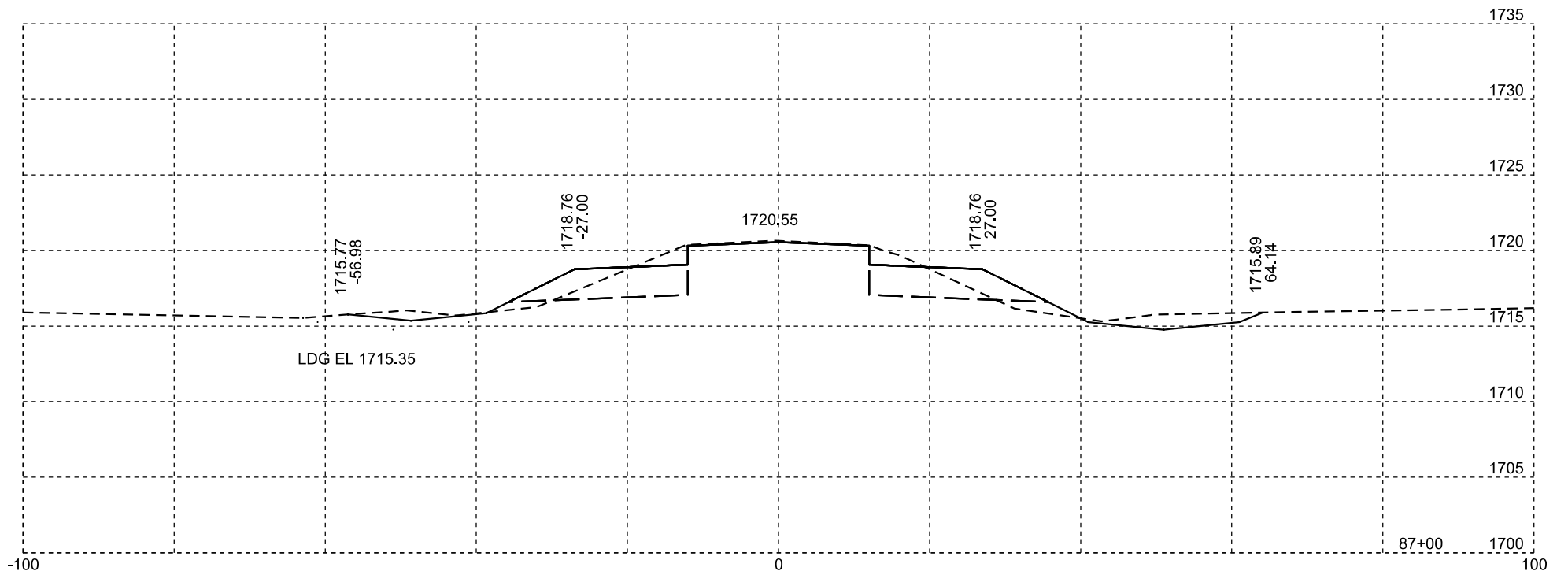
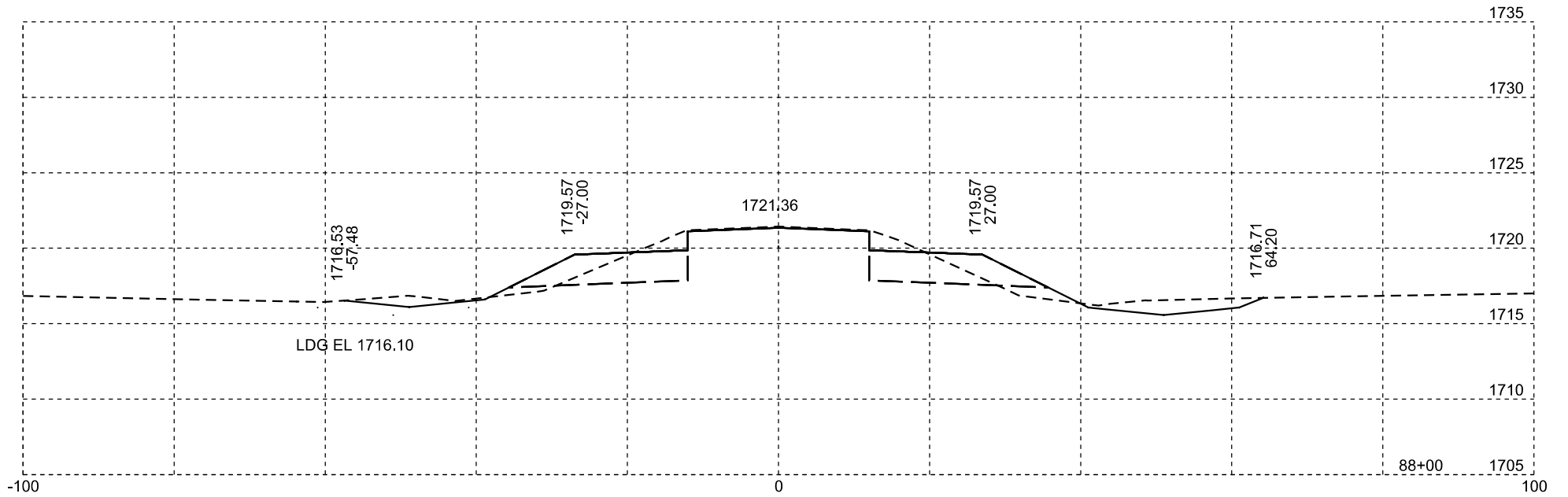
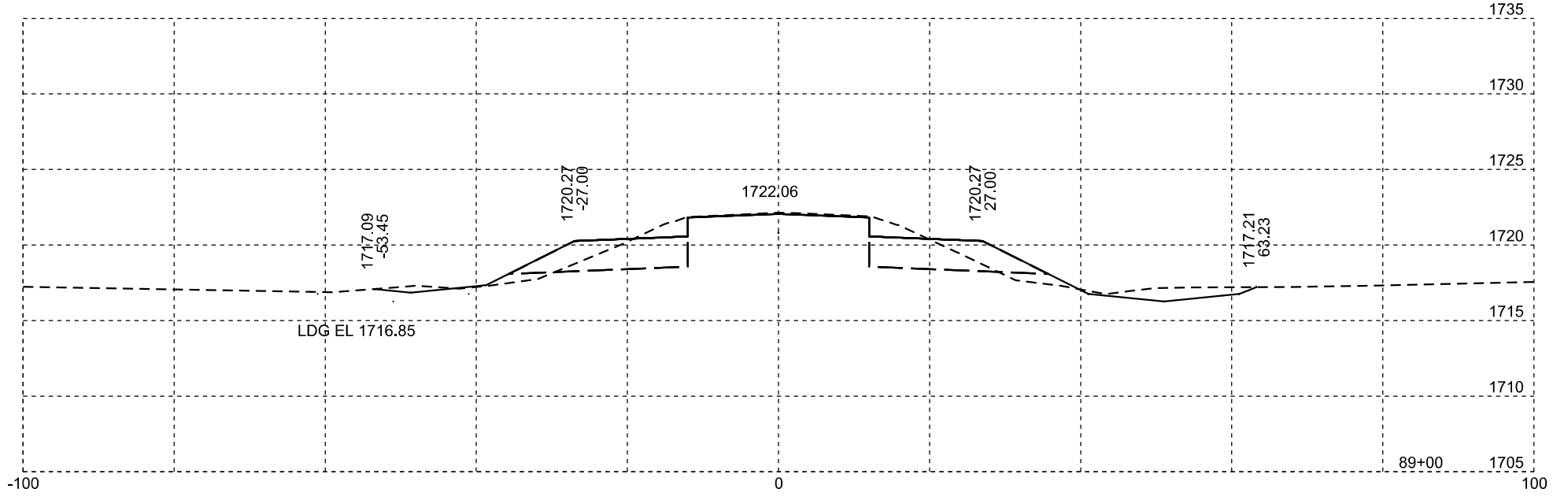
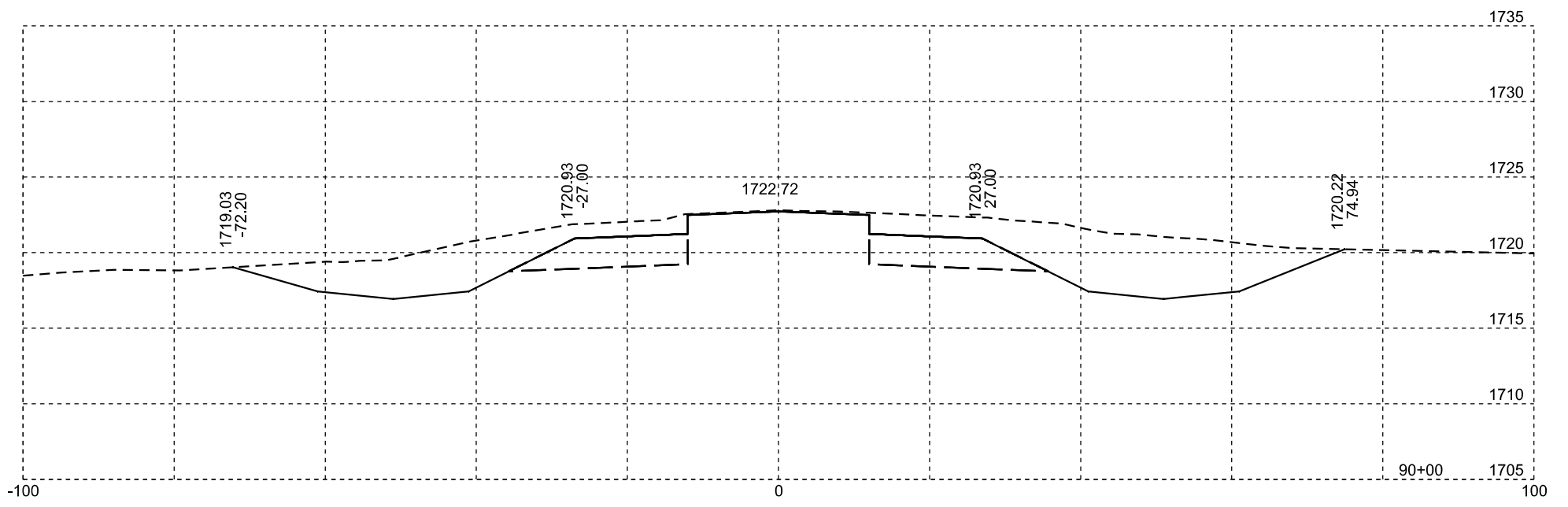


Unstable



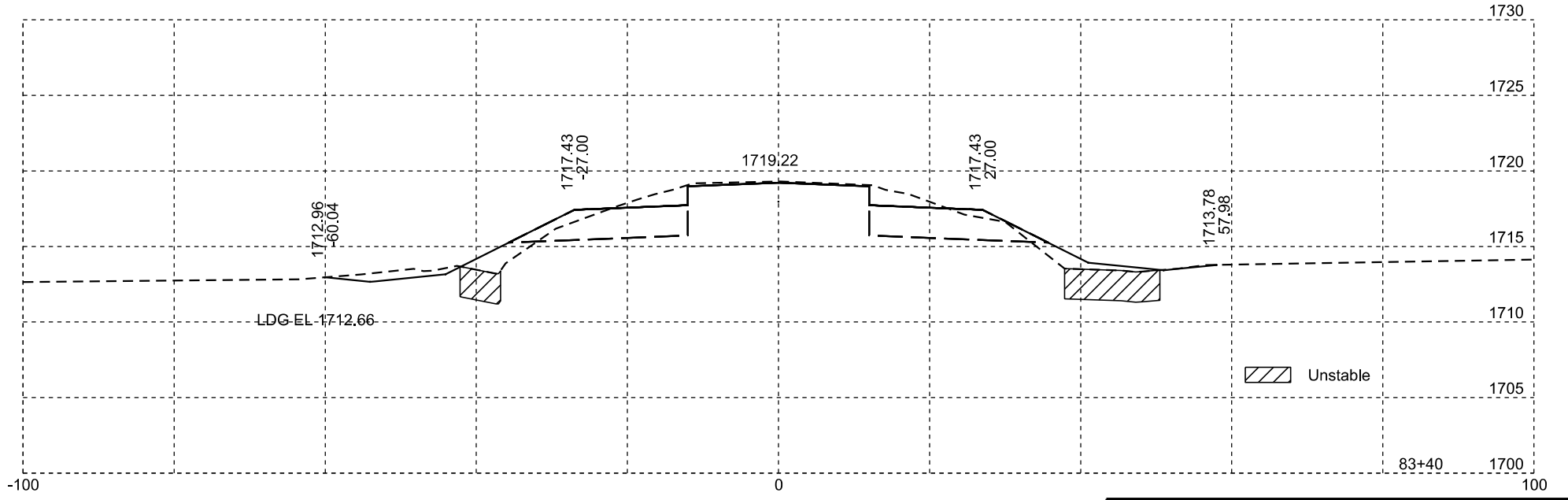
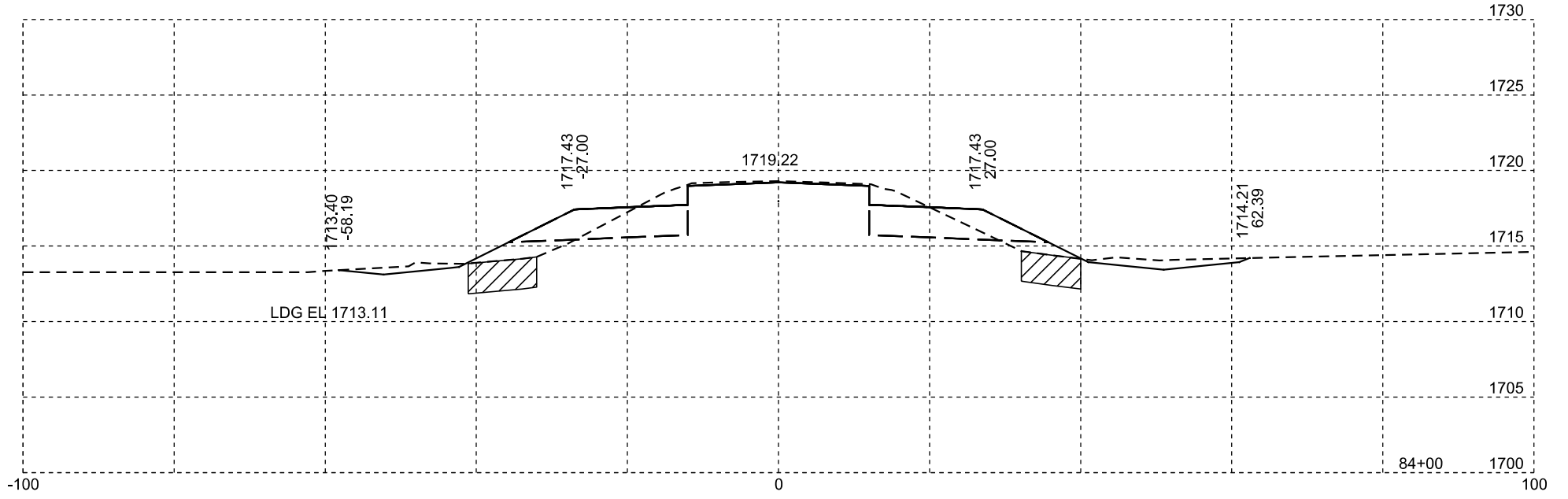
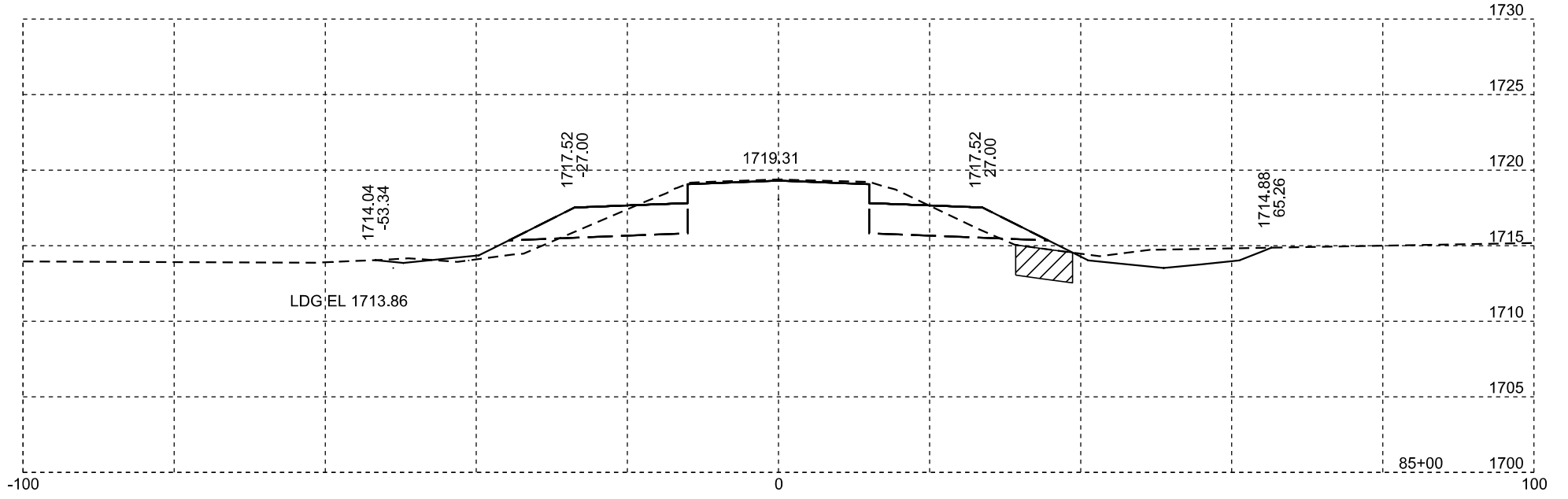
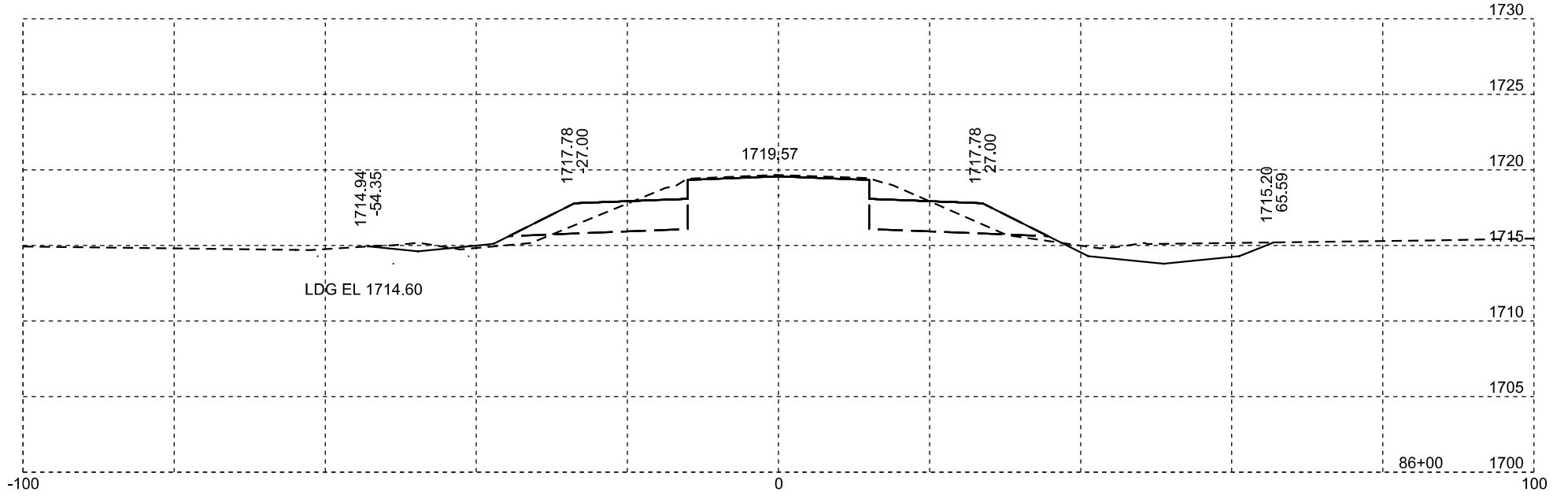
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X82	X110



Plotting Date: 04/15/2024

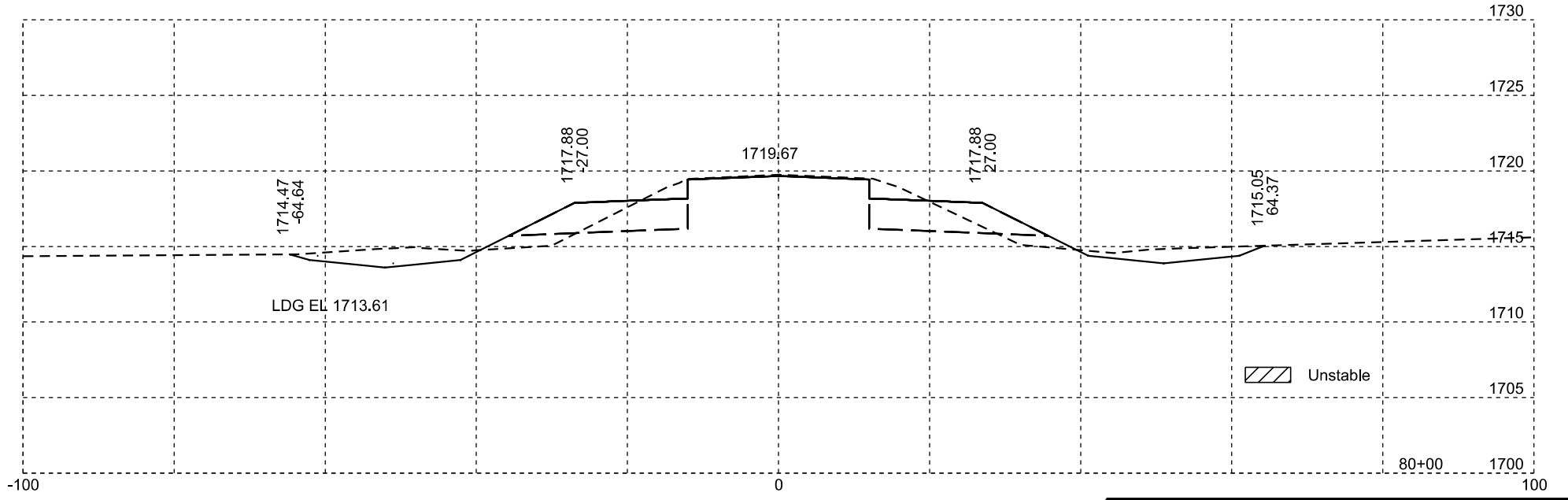
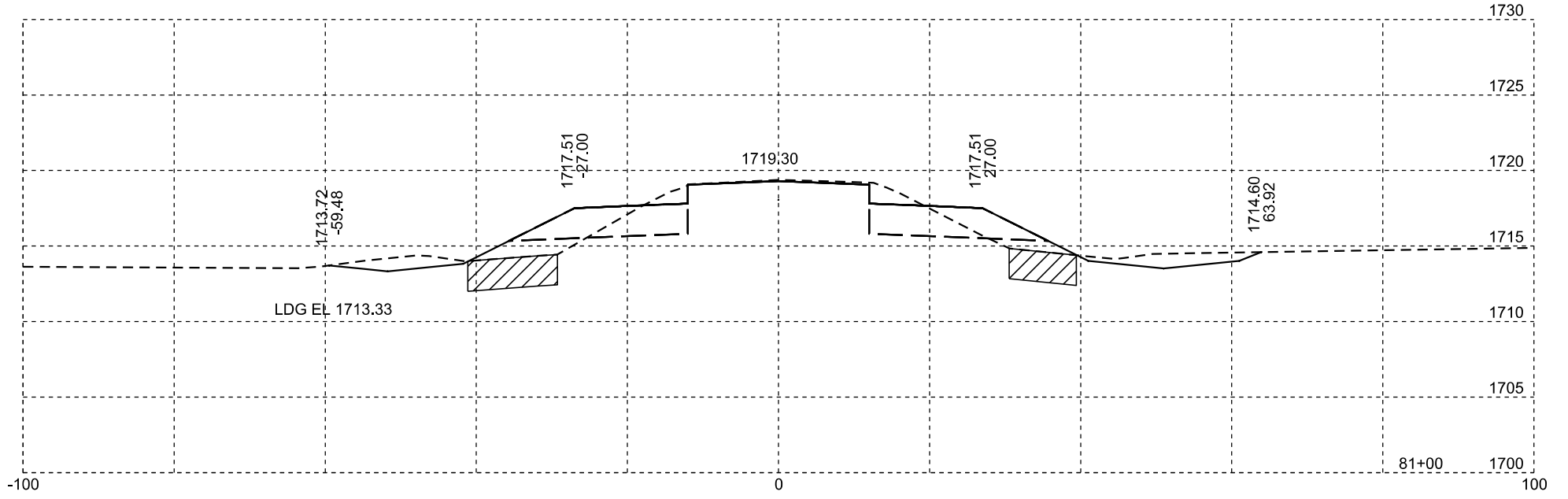
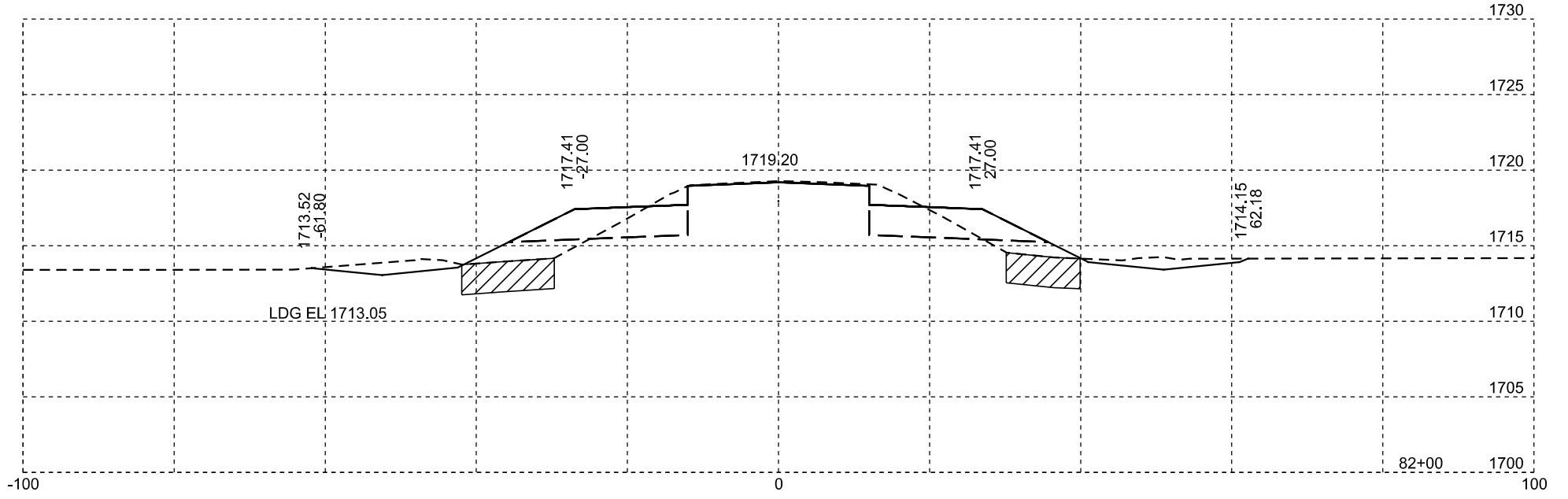
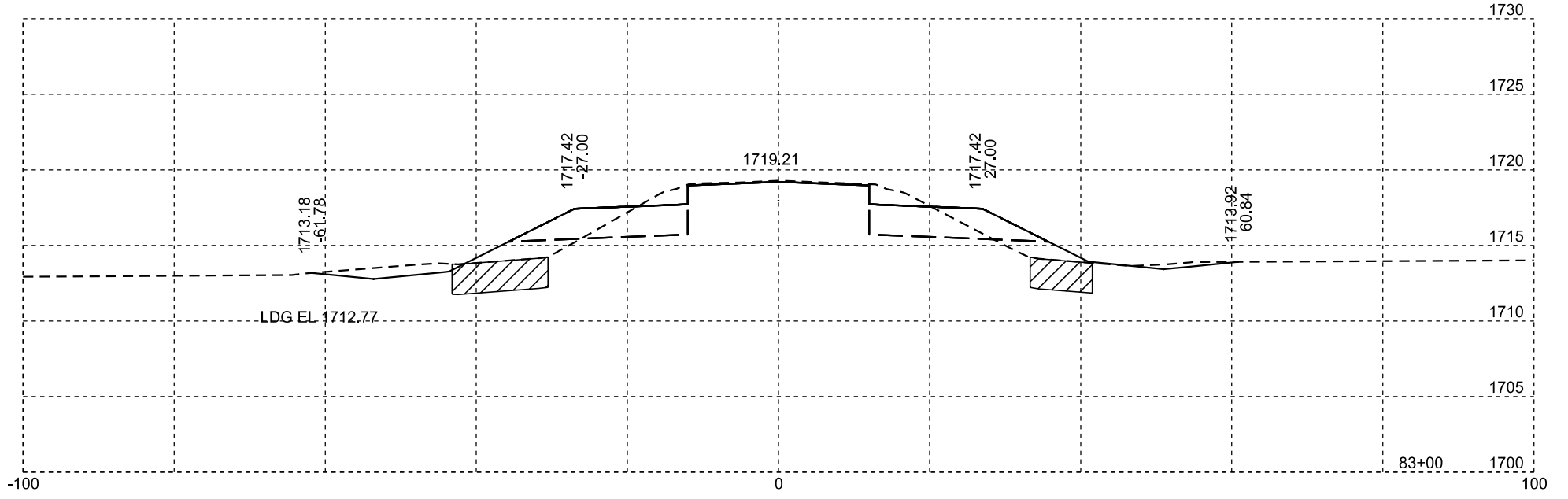
STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X83	X110



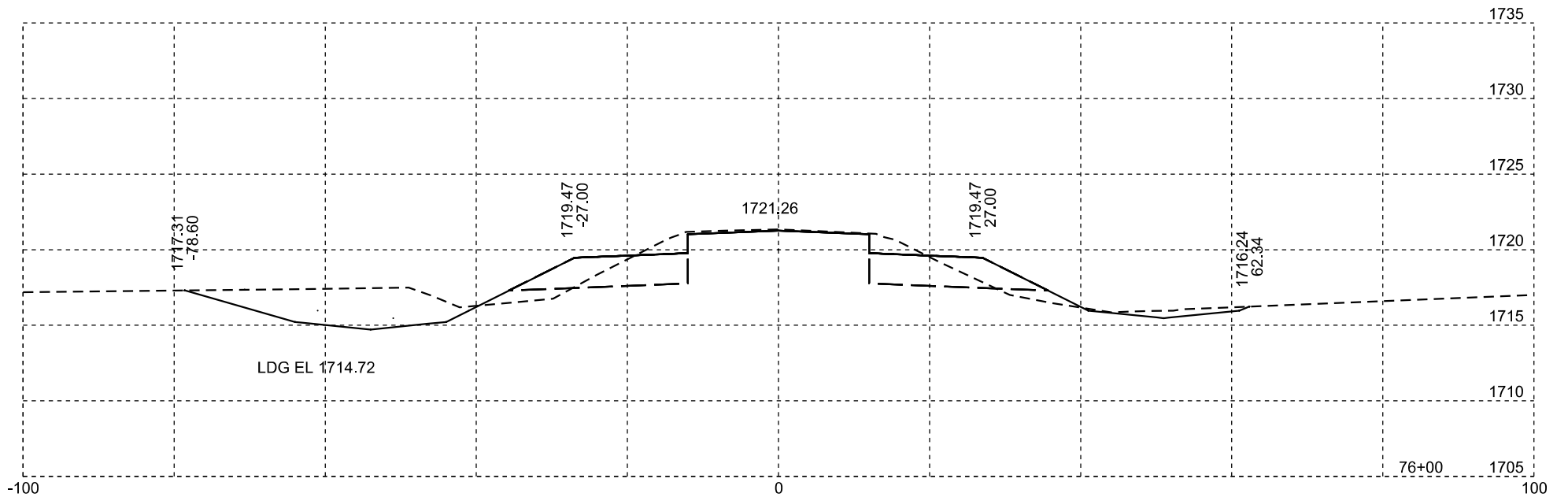
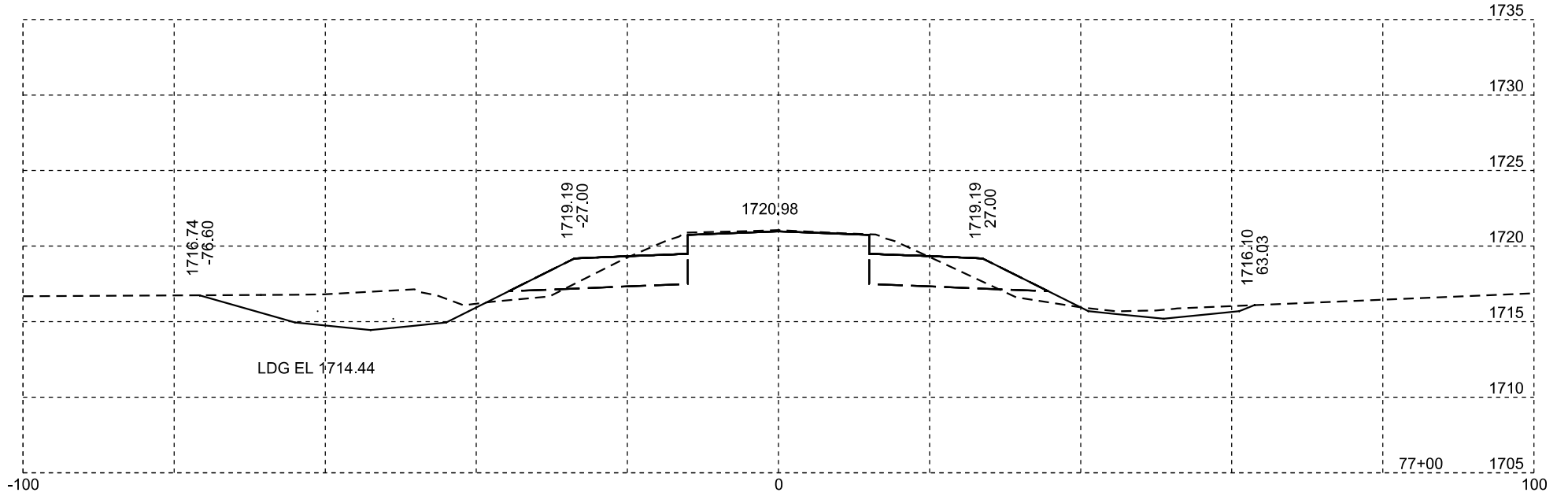
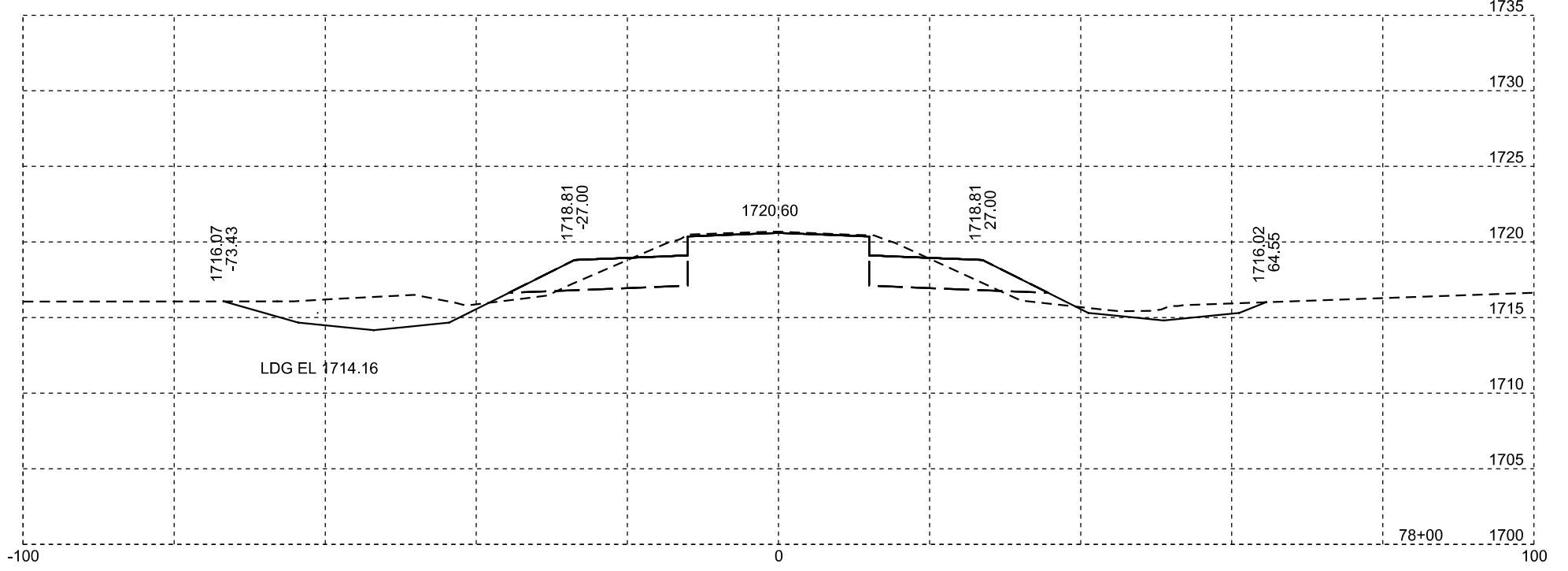
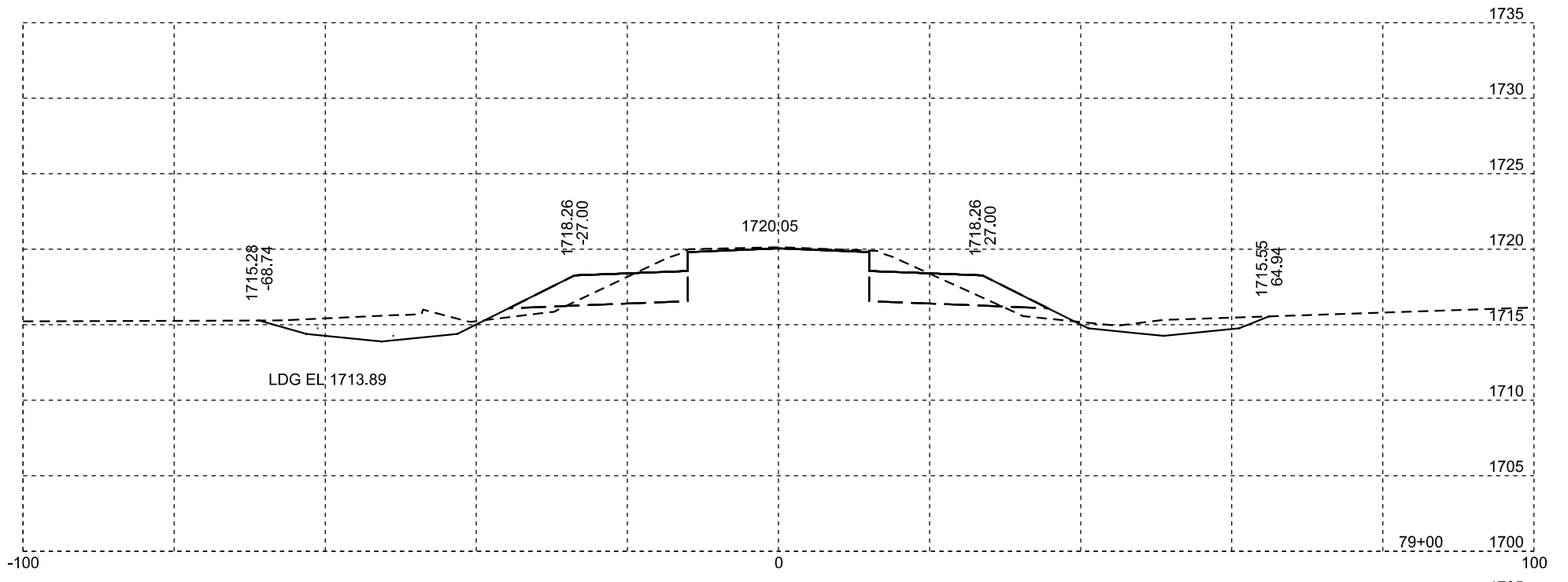
Unstable

Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X84	X110

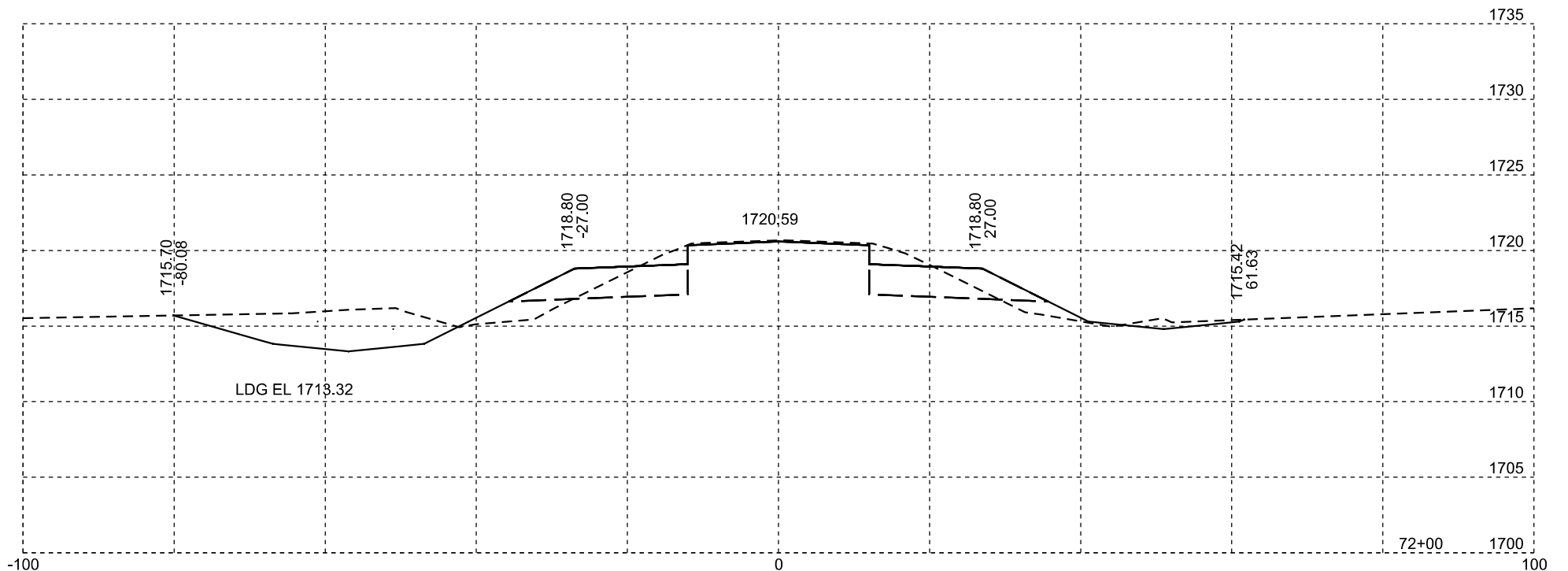
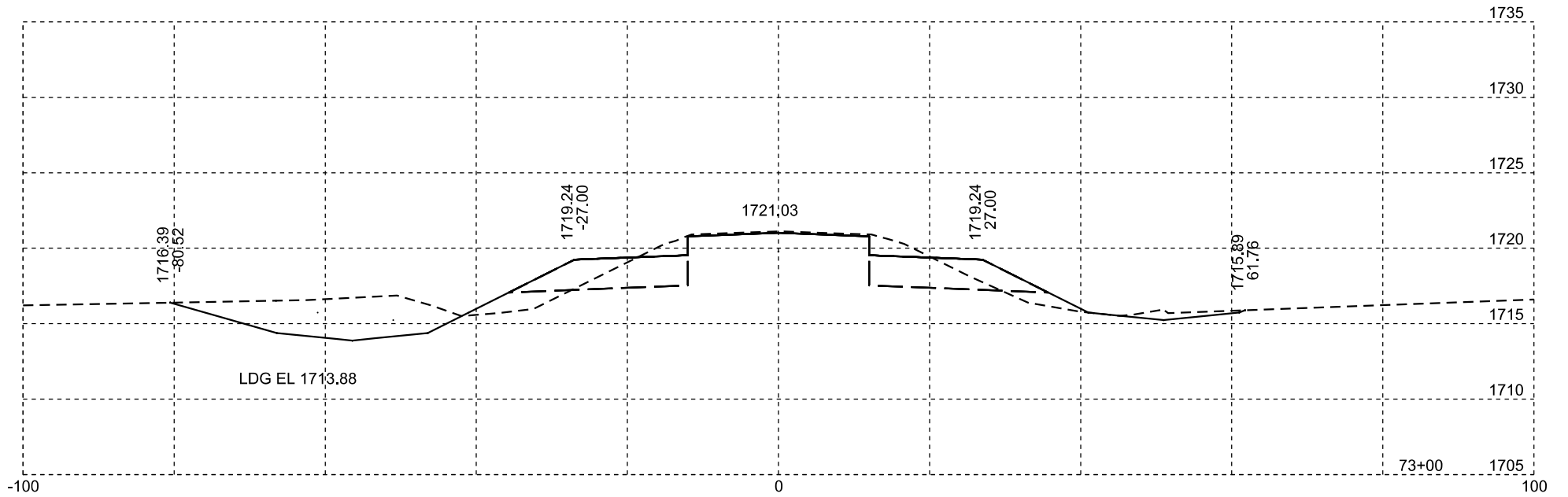
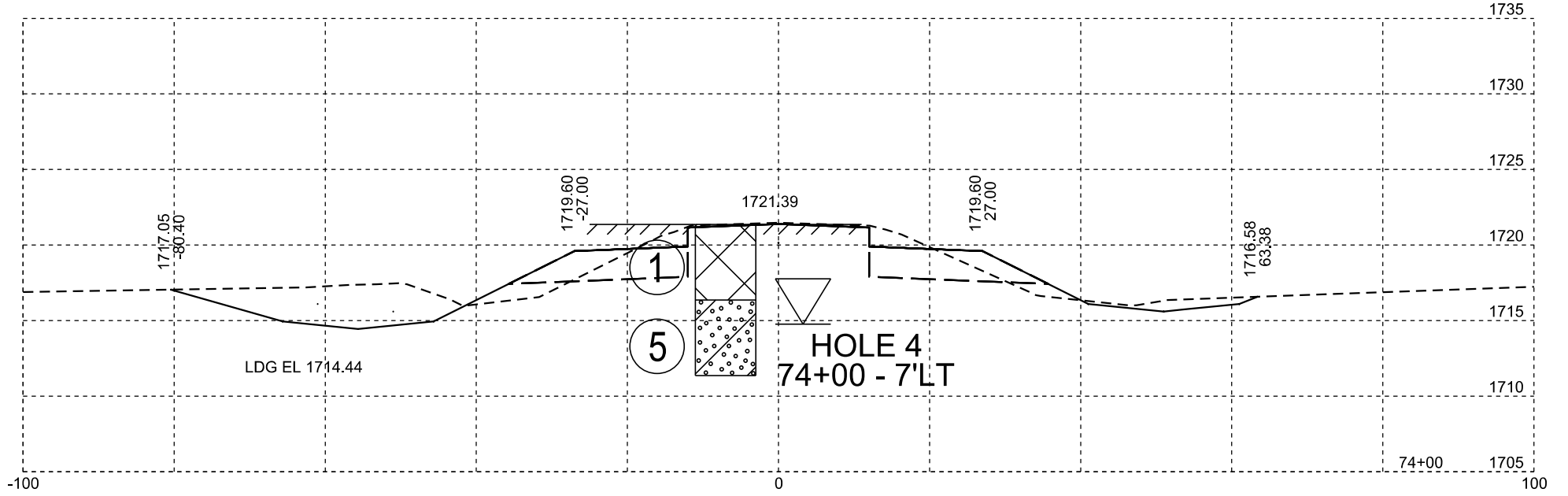
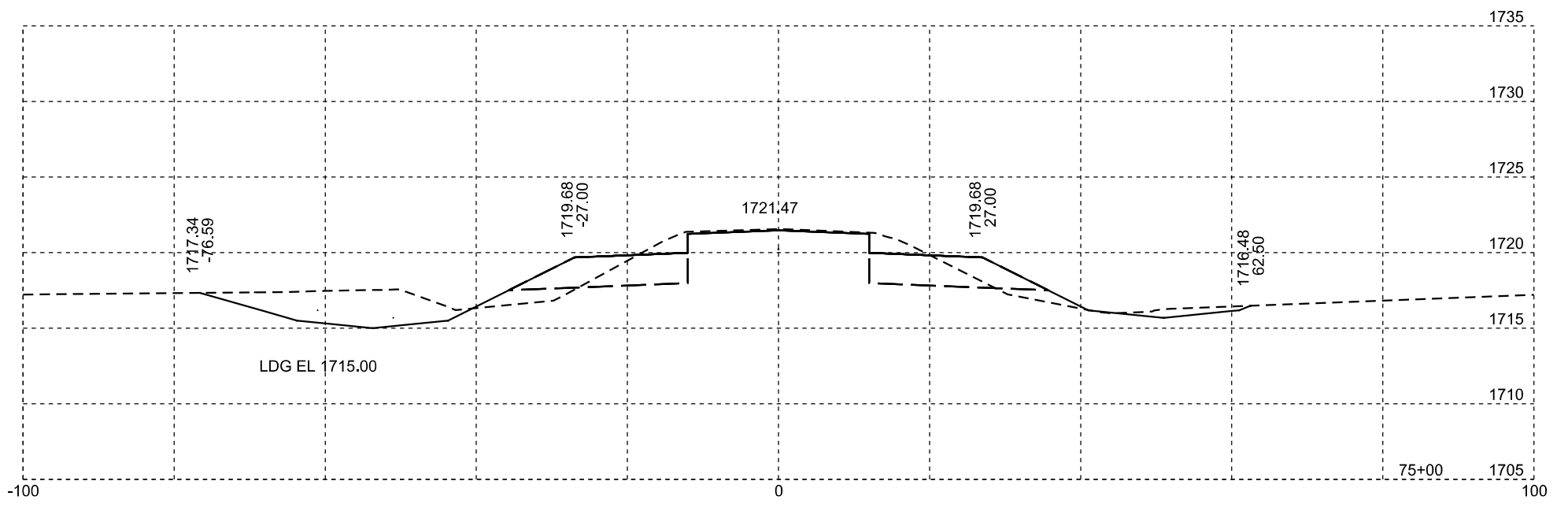


Unstable



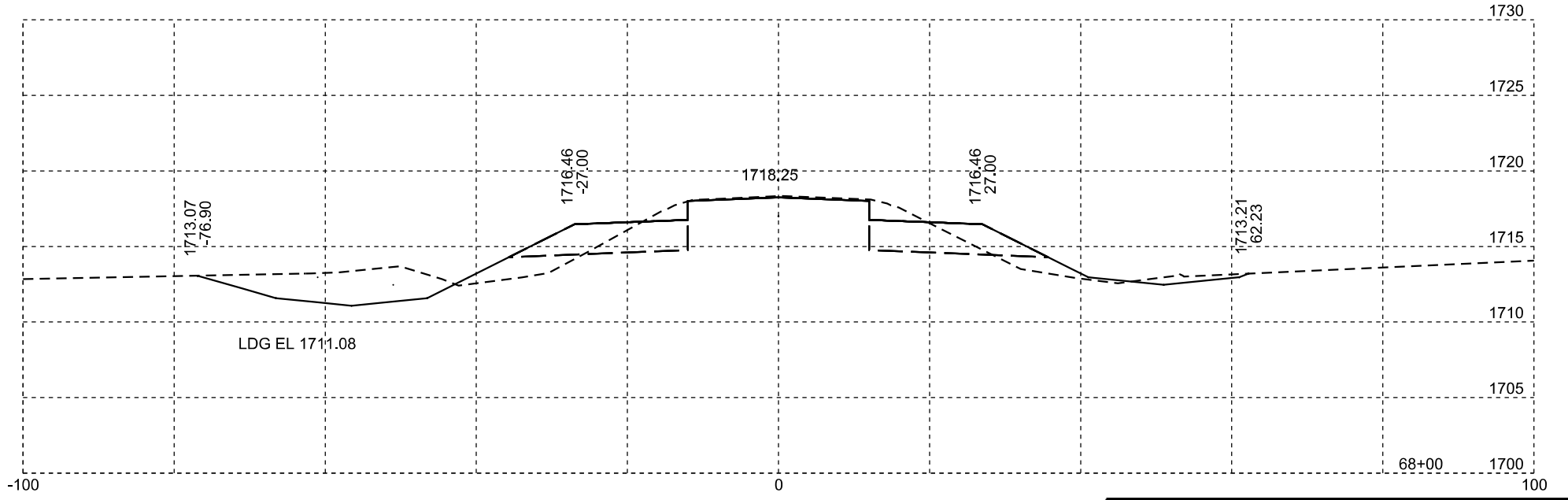
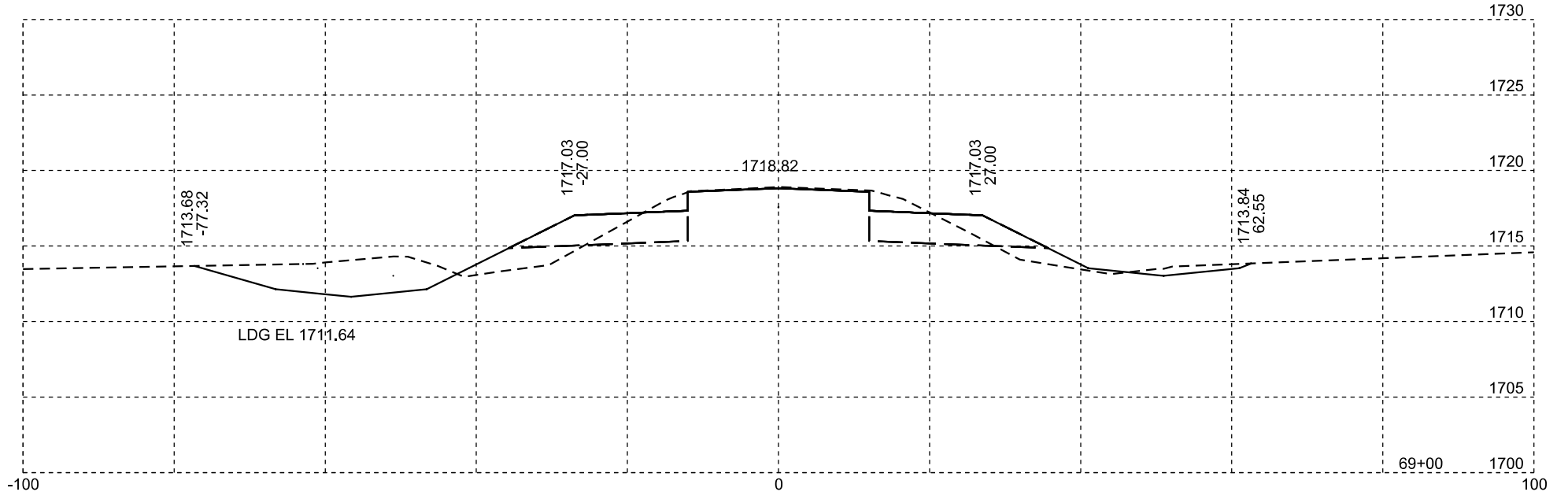
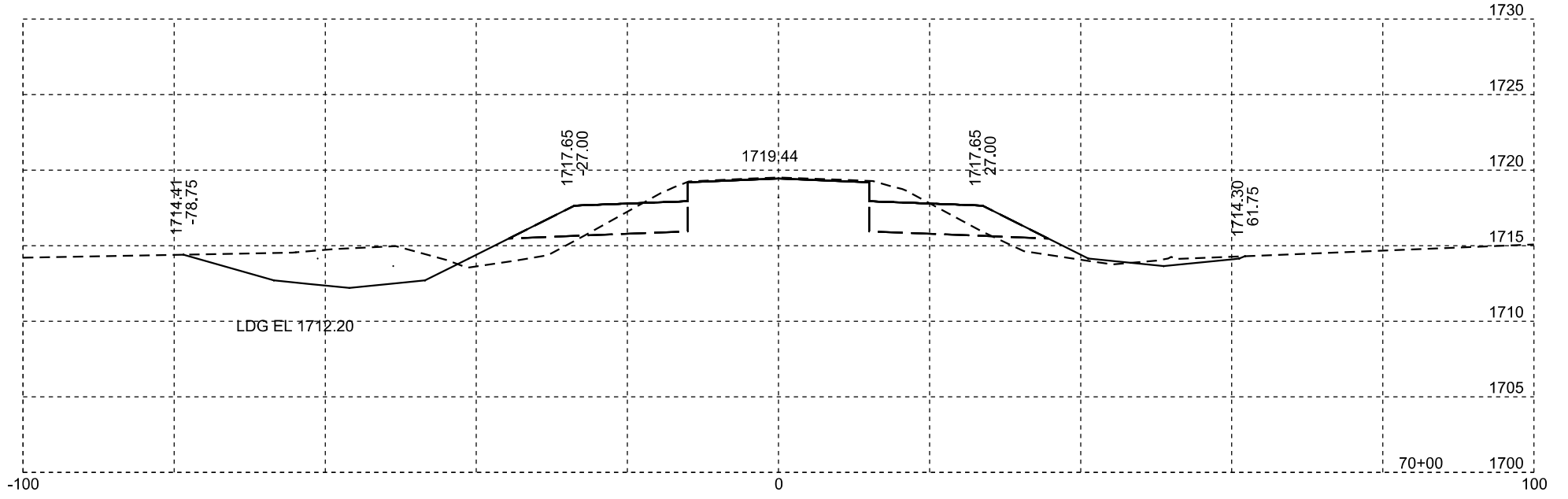
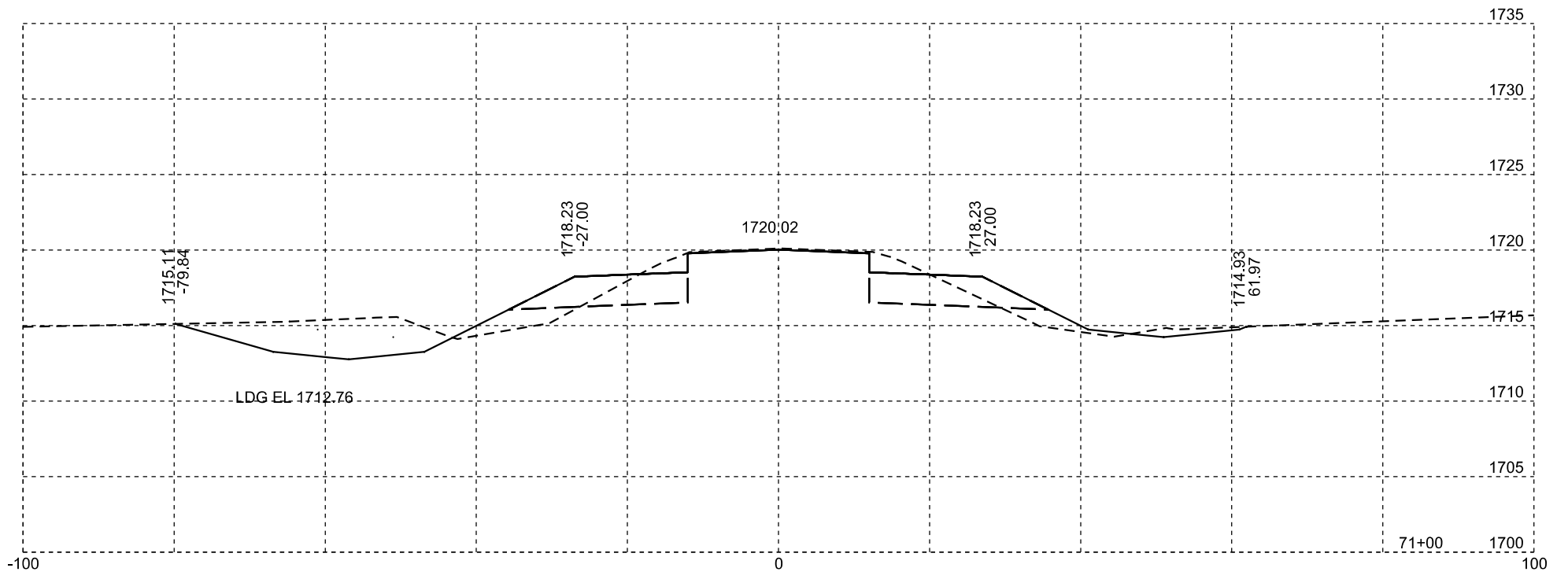
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X86	X110



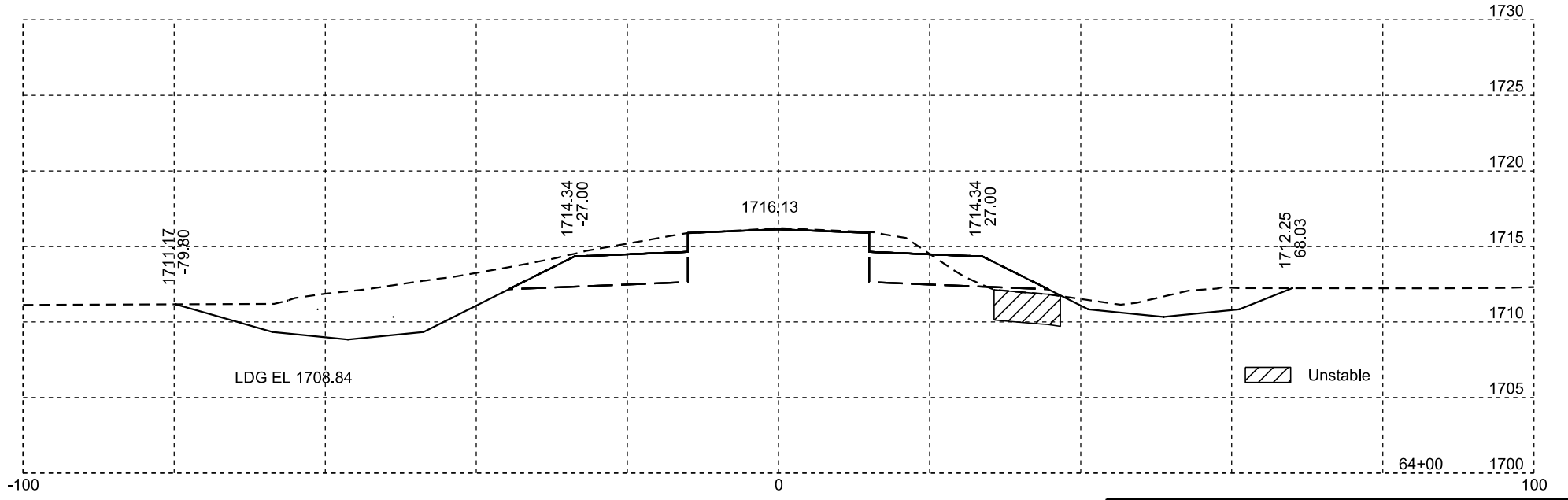
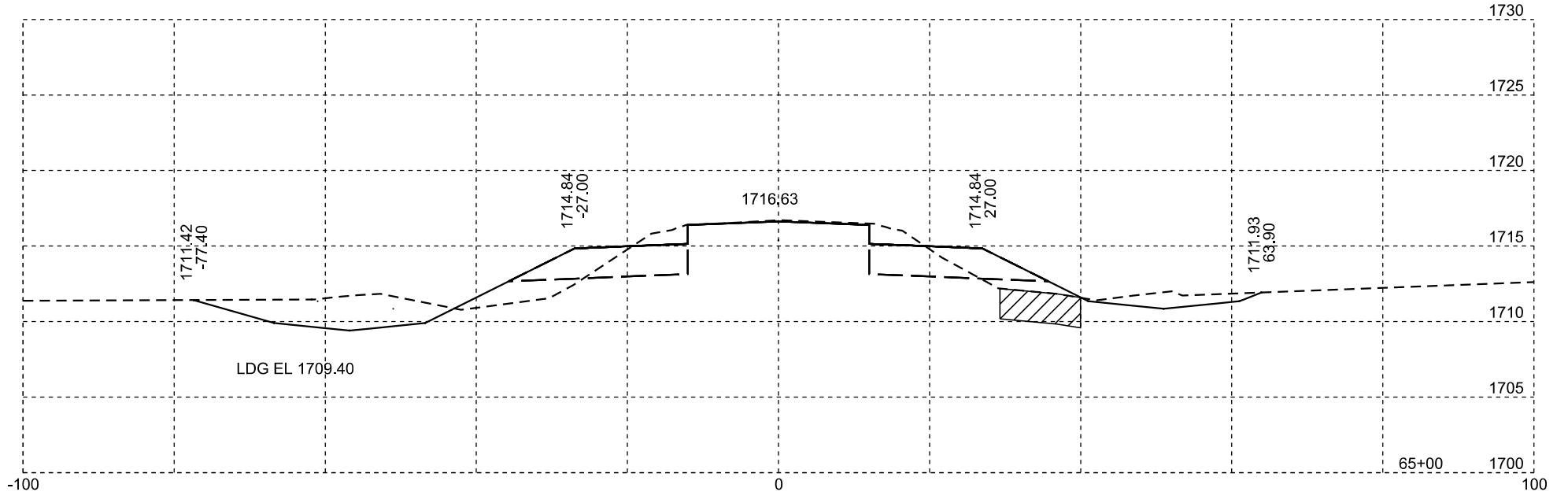
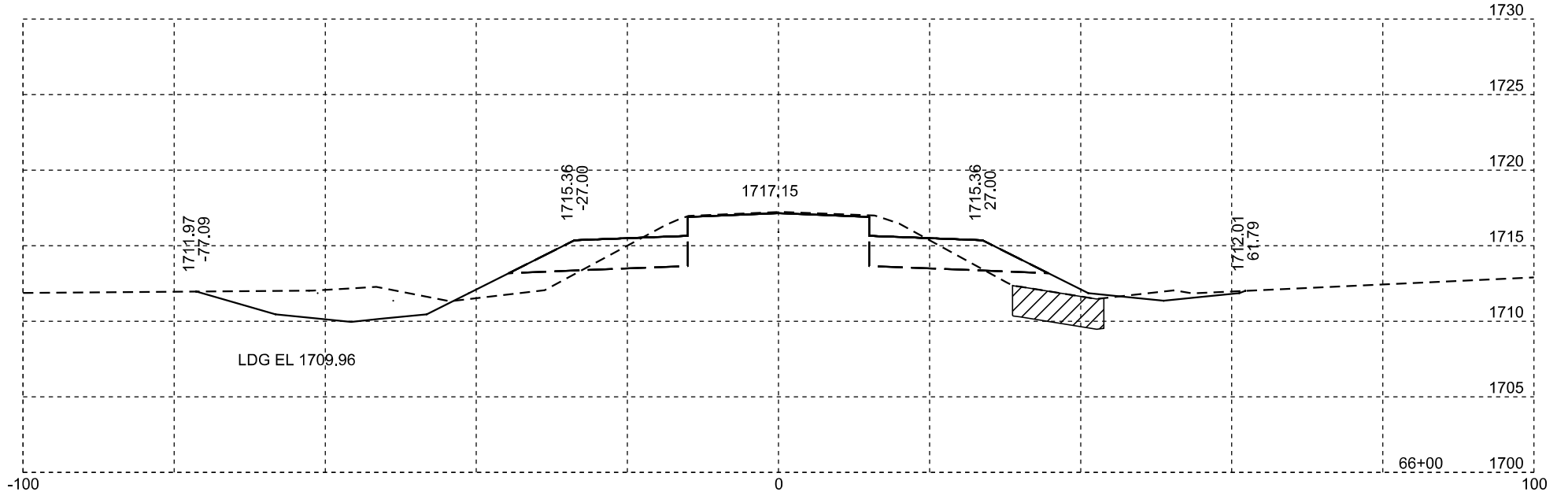
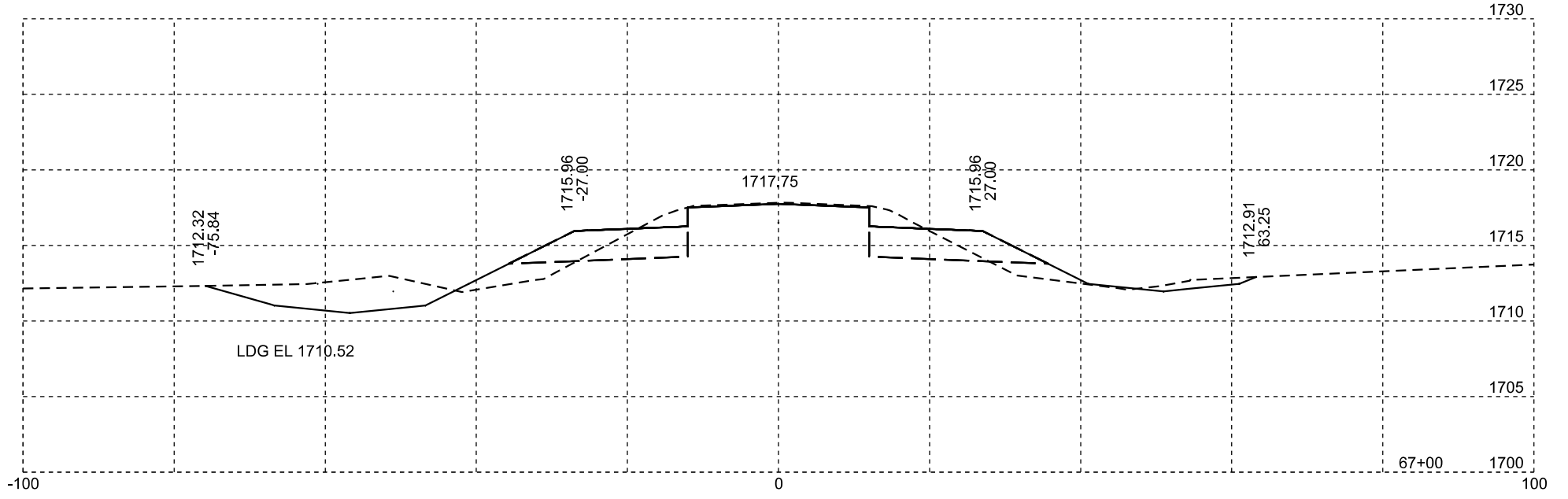
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X87	X110



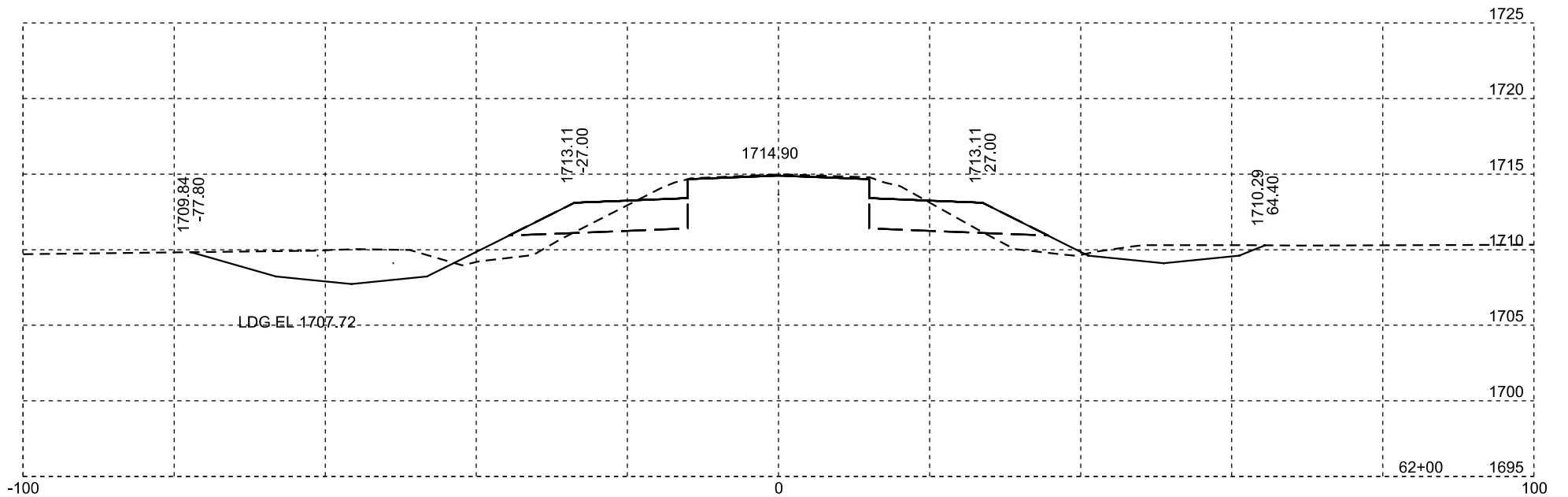
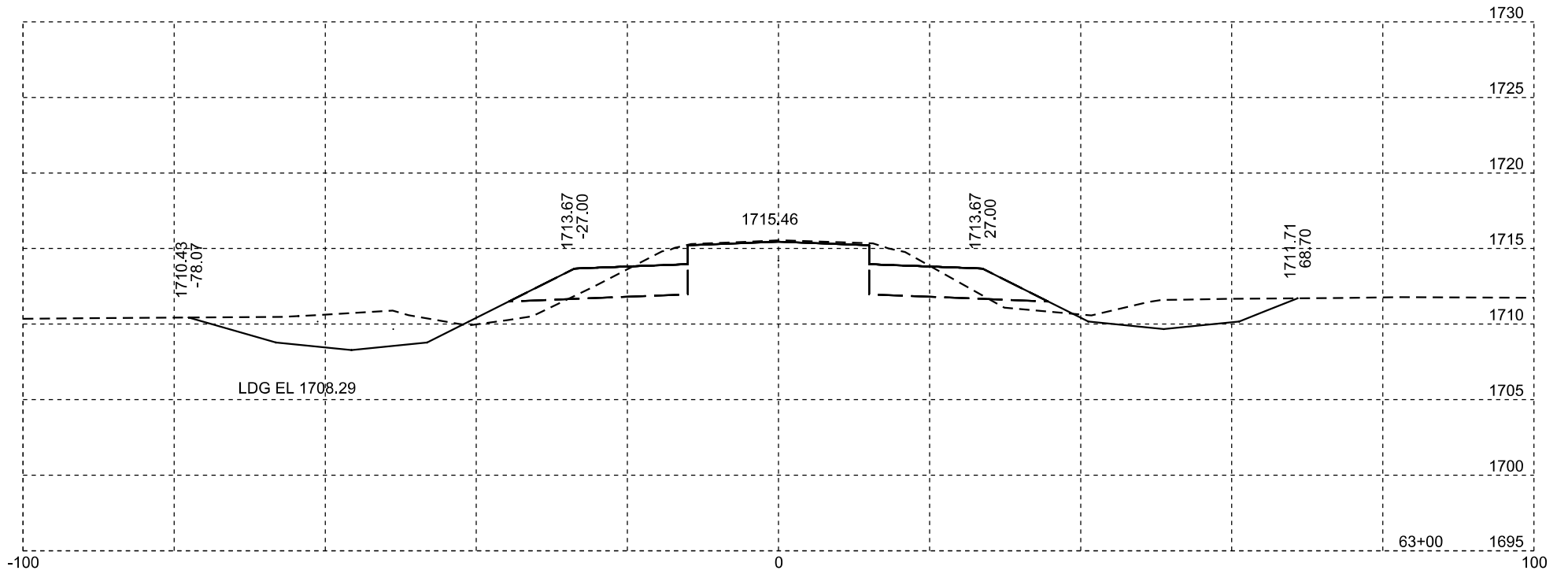
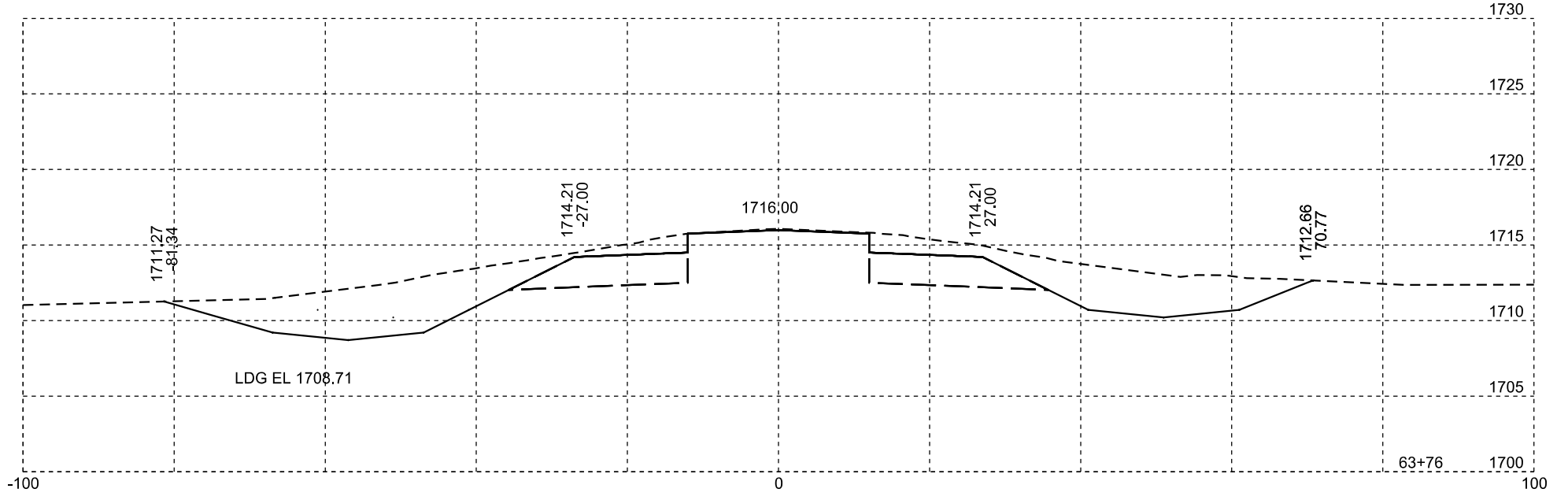
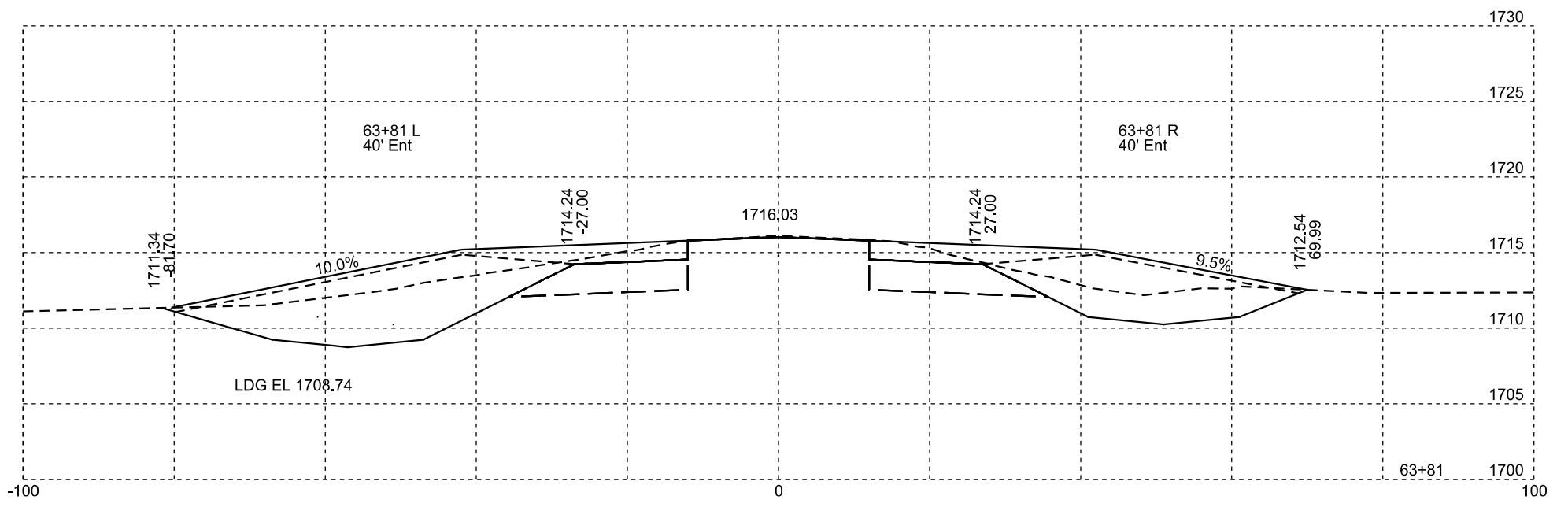
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X88	X110



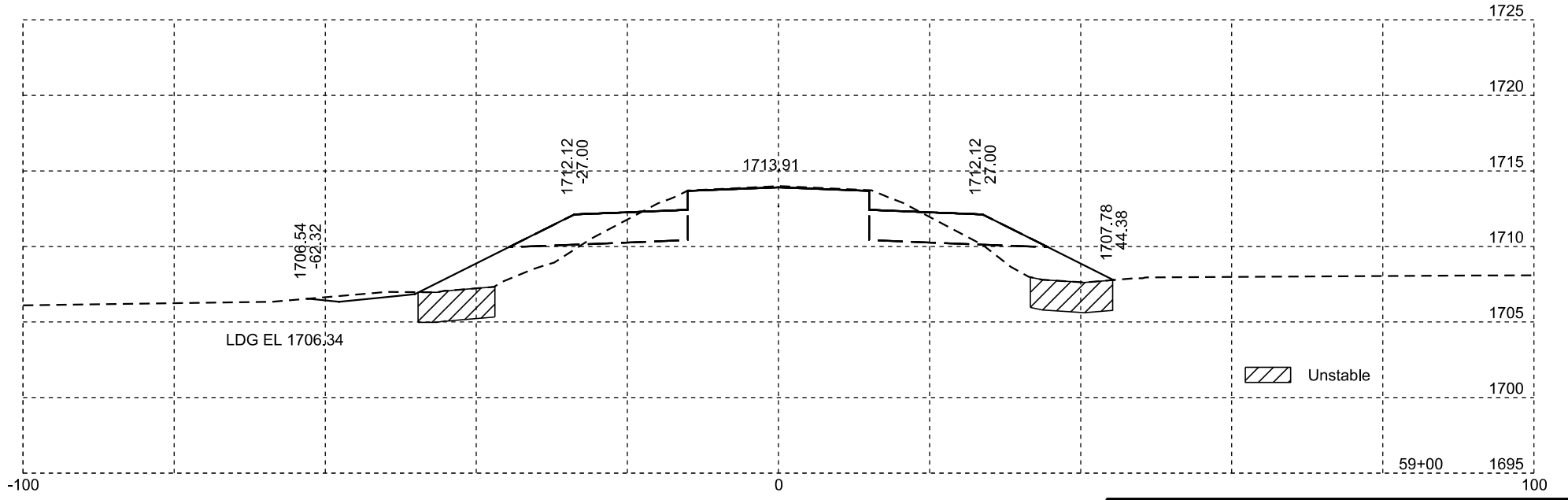
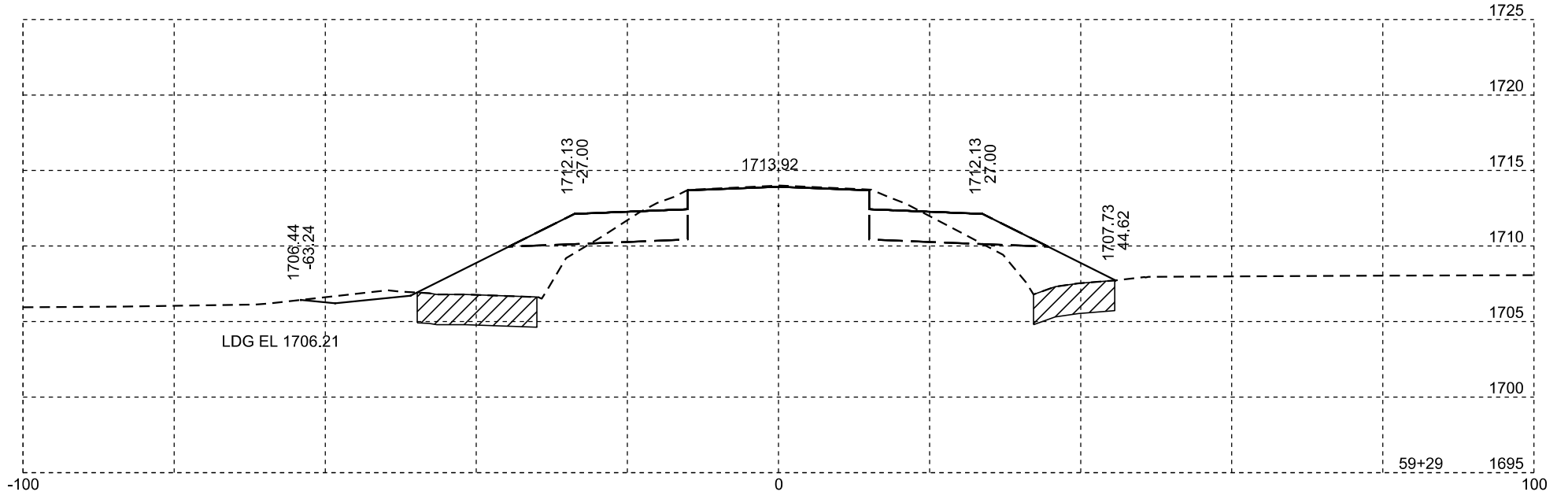
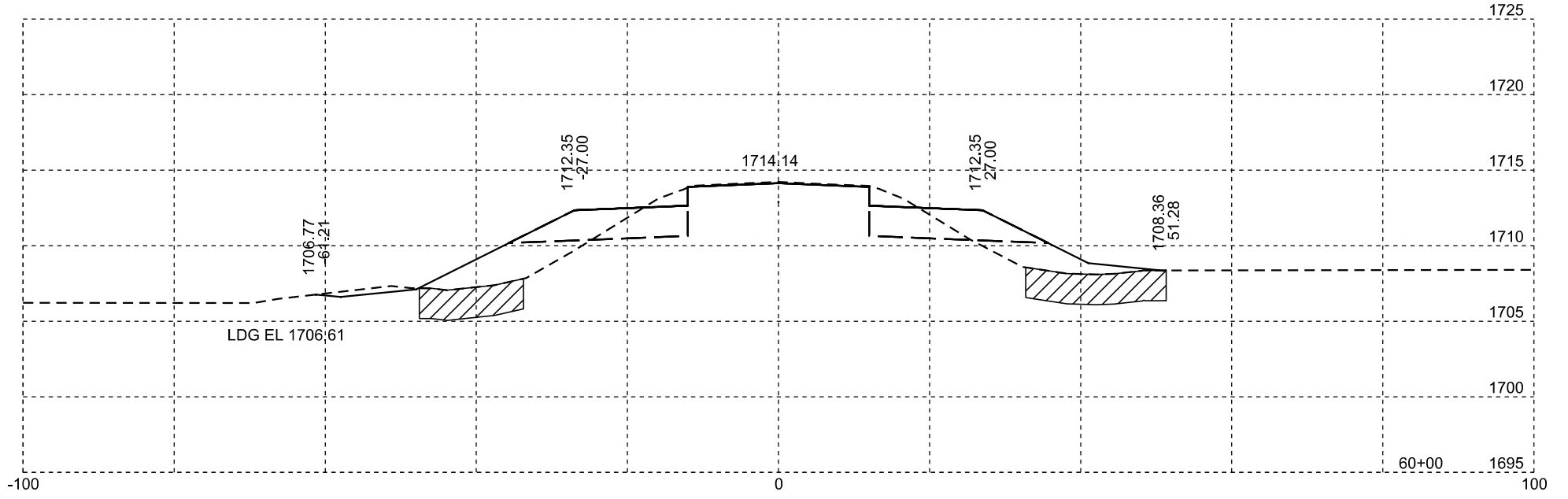
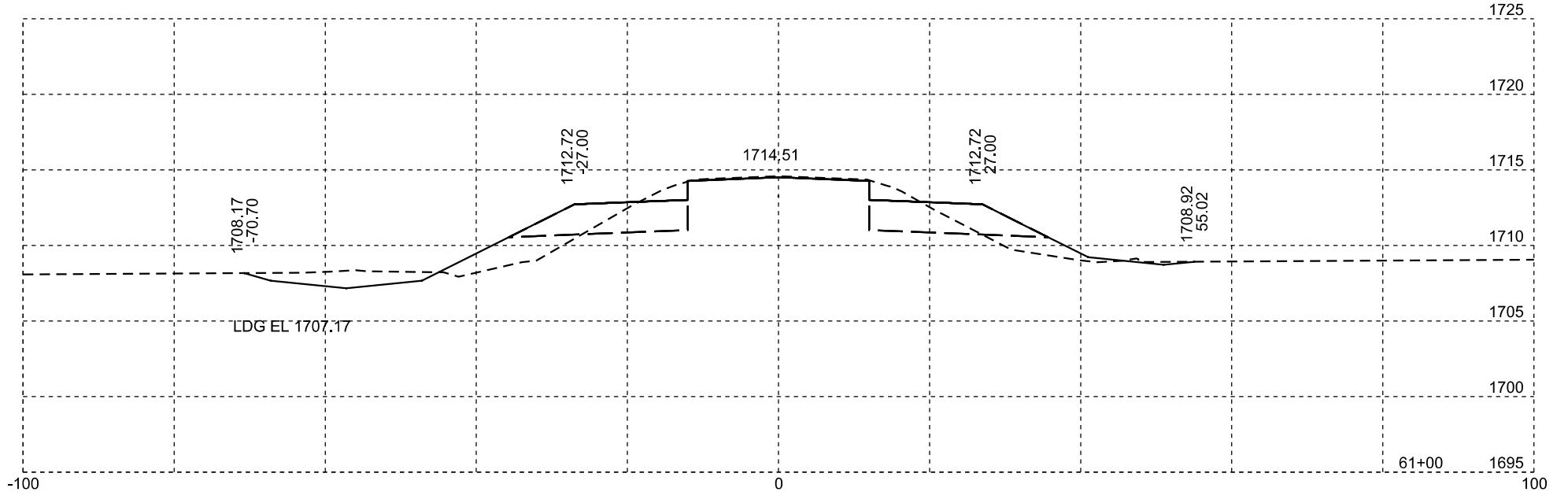
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X89	X110



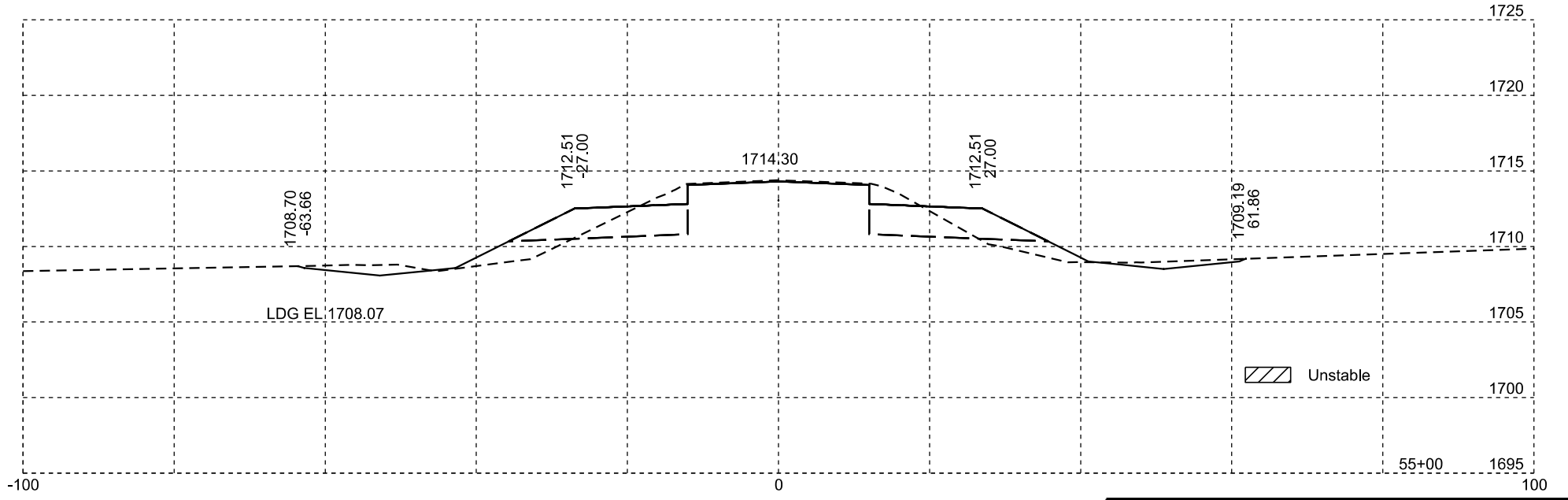
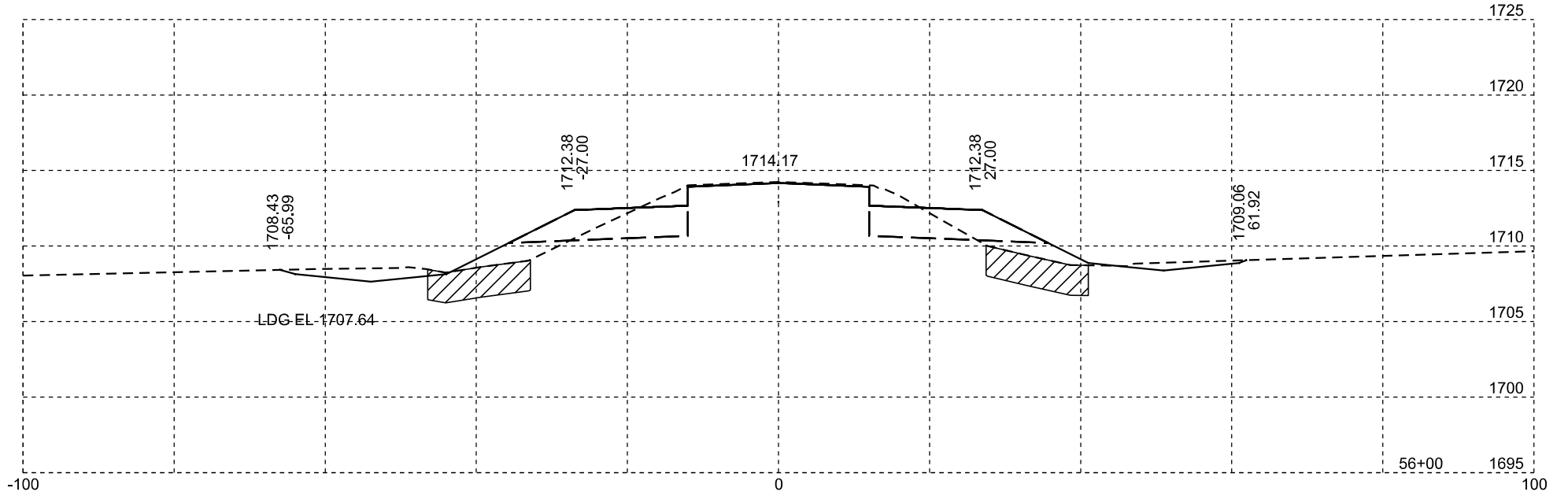
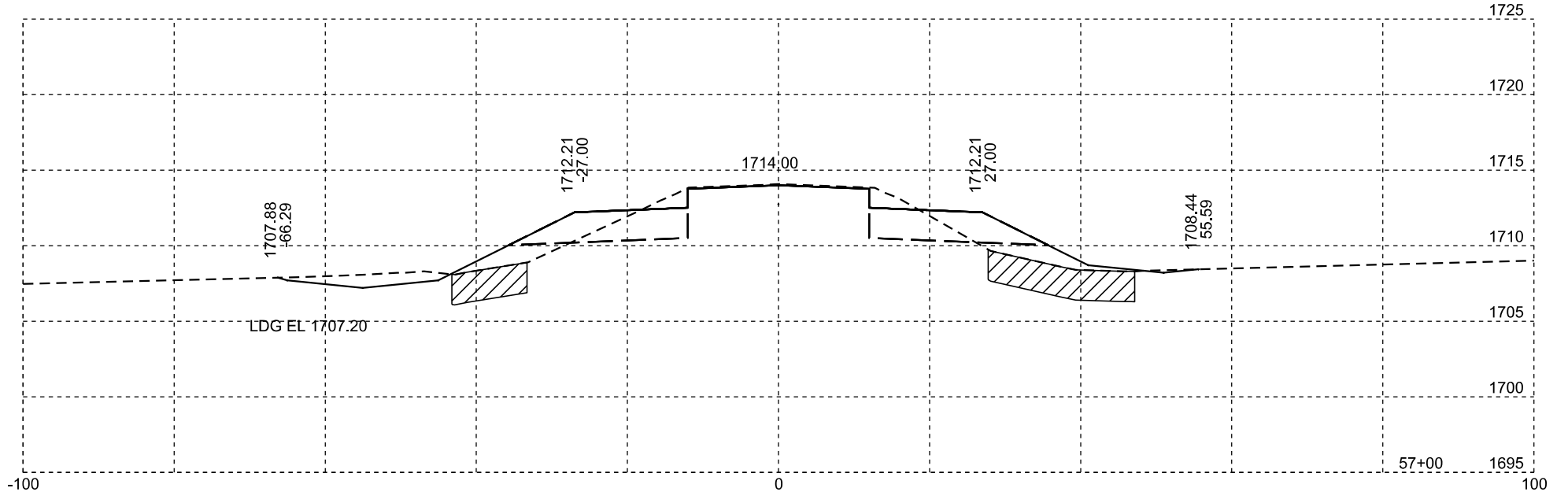
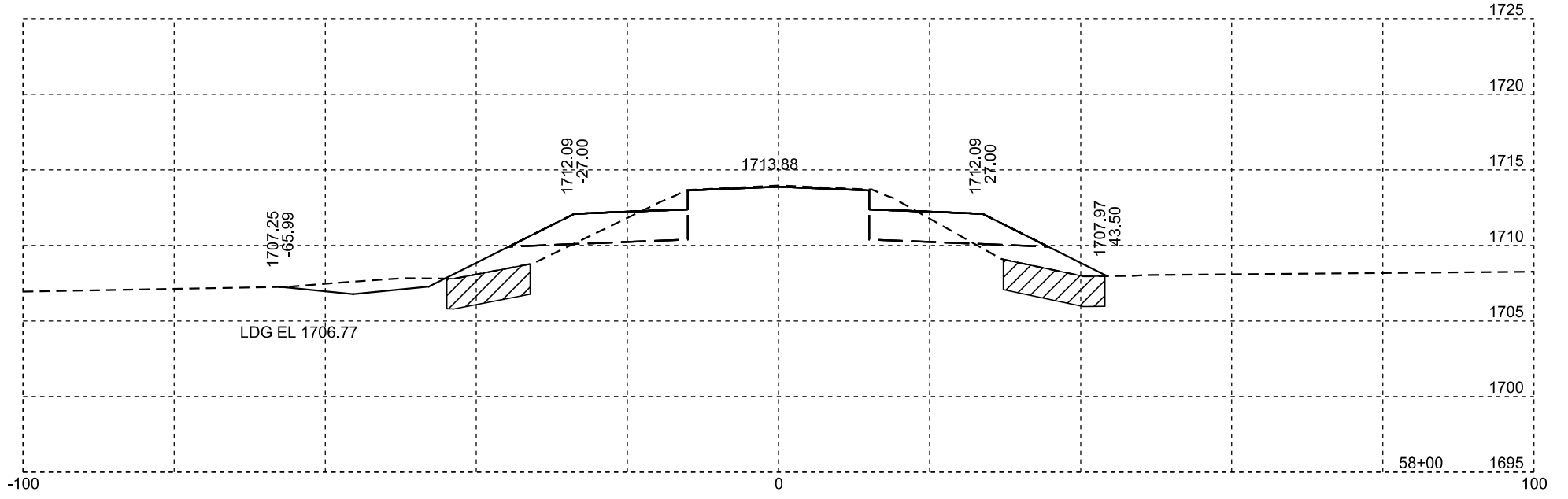
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X90	X110



Plotting Date: 04/15/2024

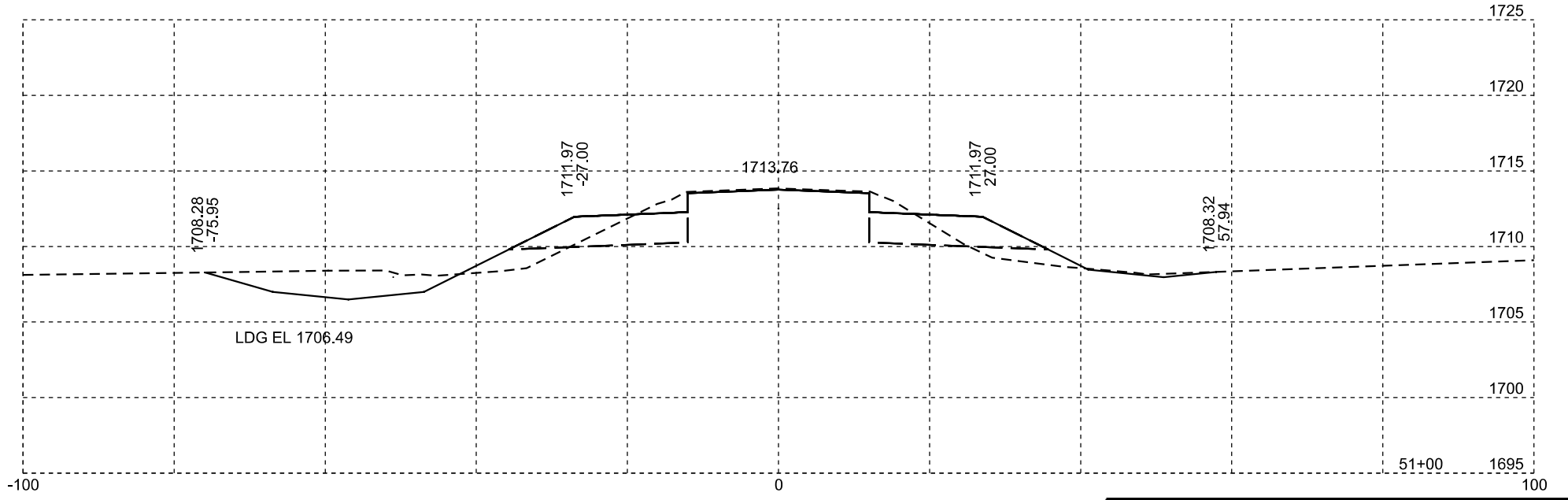
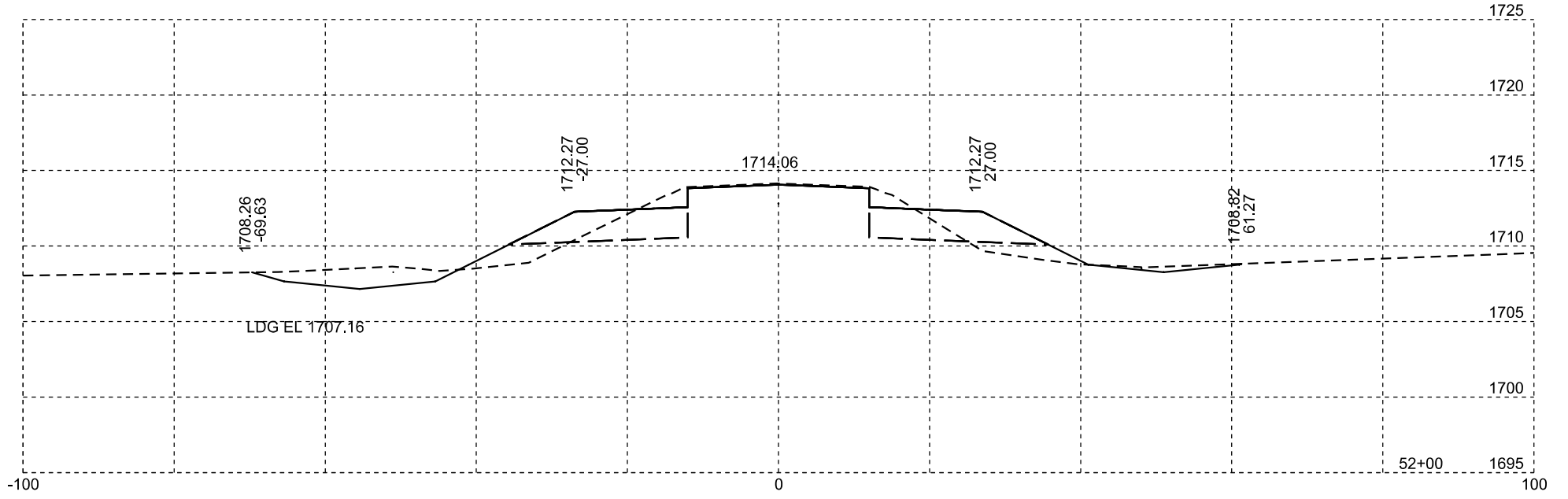
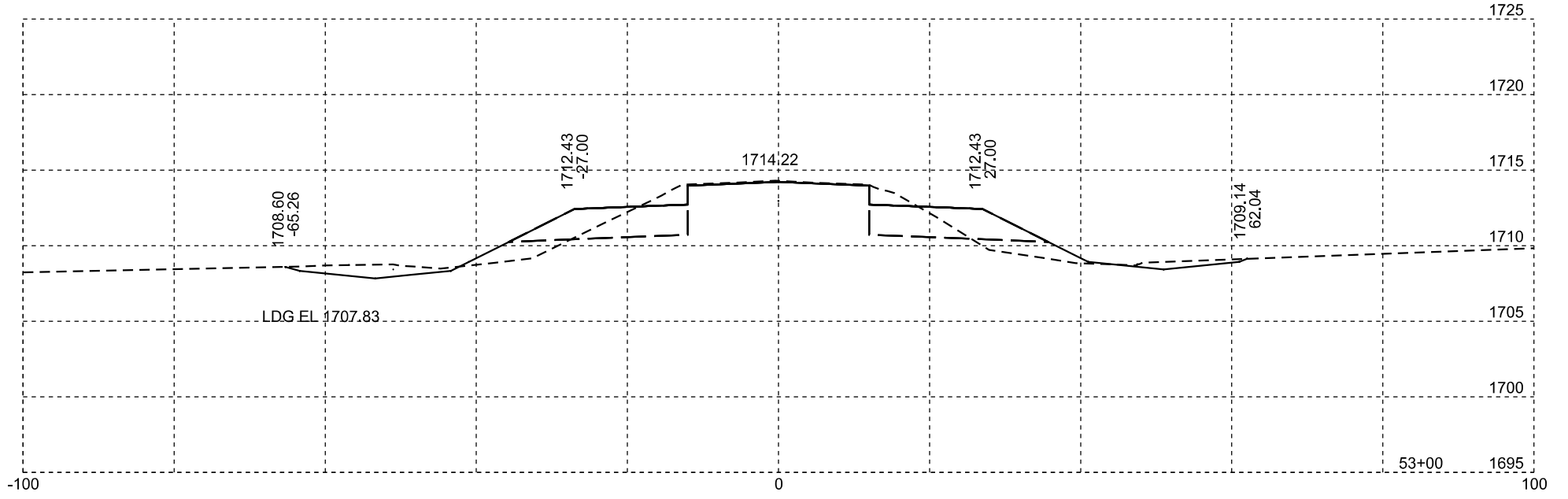
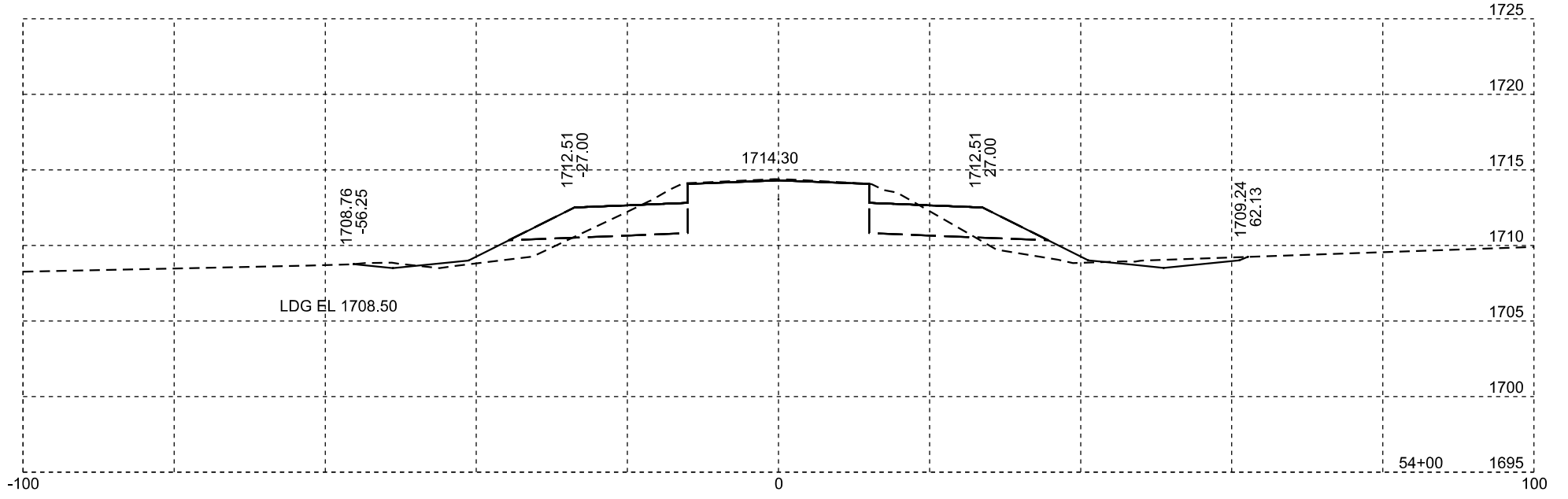
STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X91	X110



Unstable

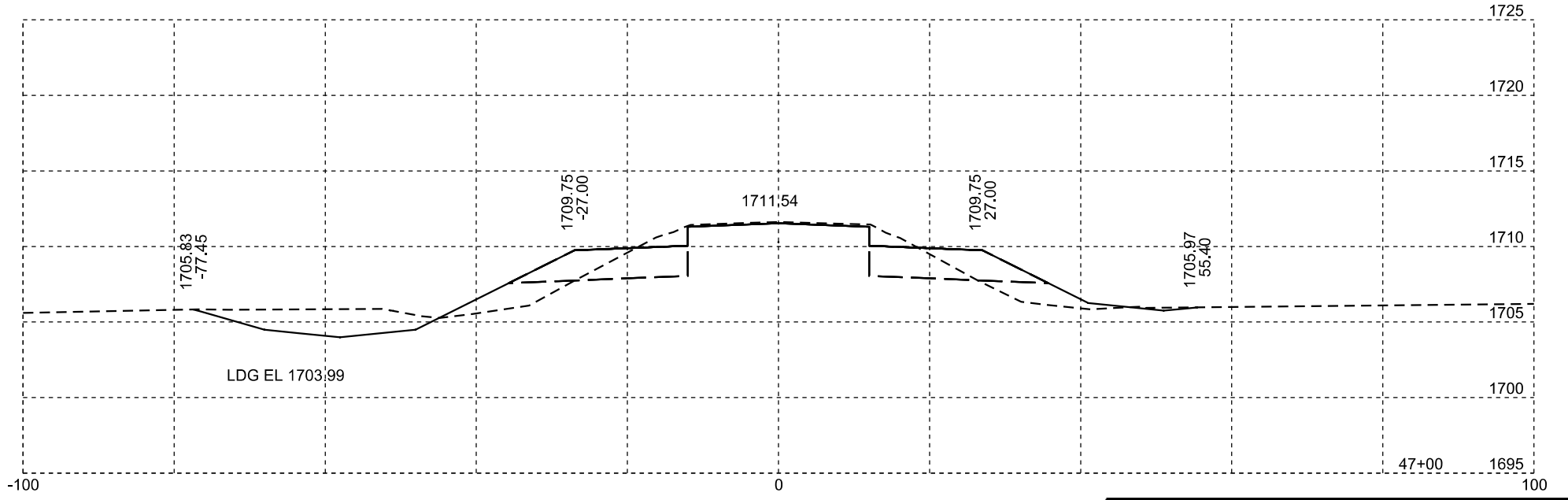
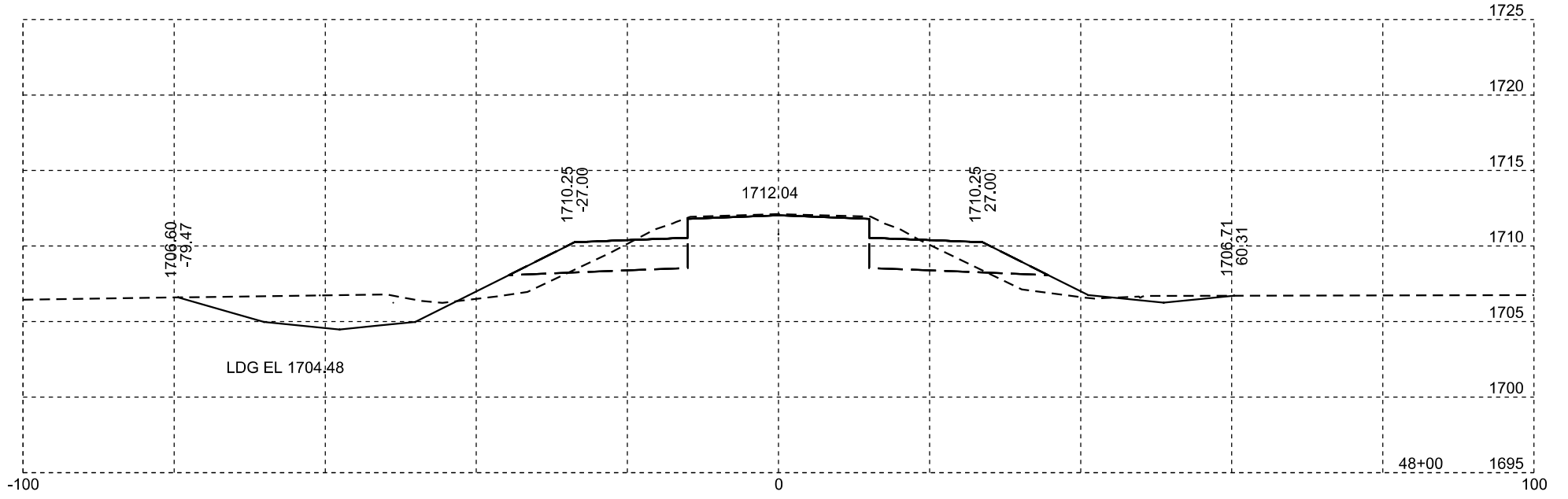
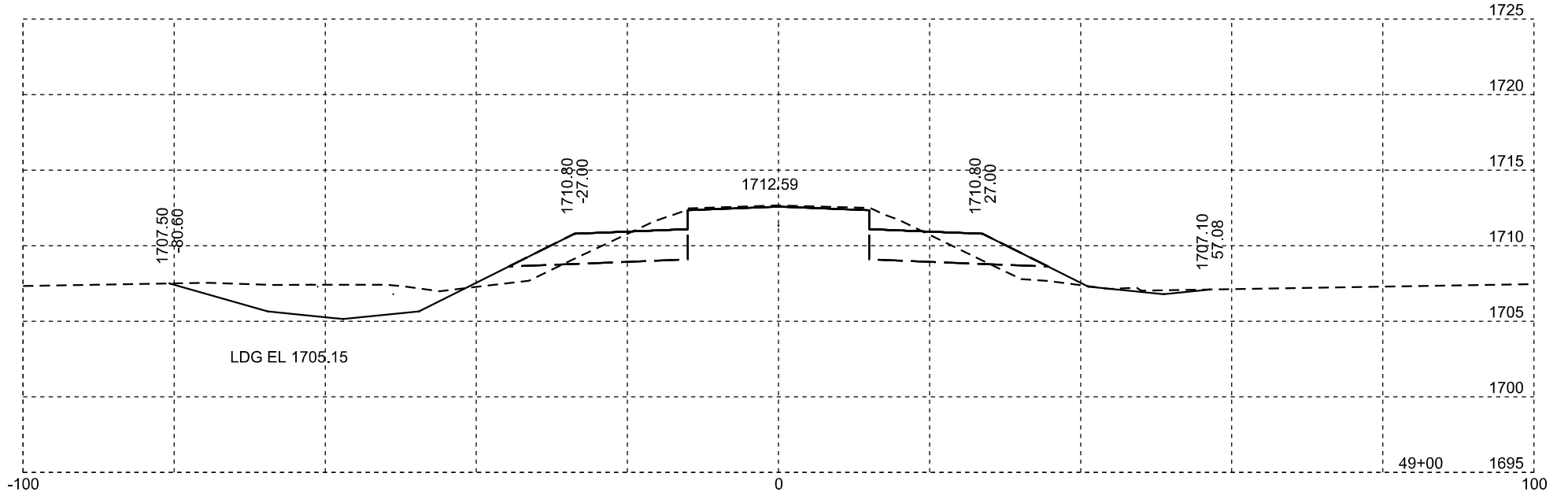
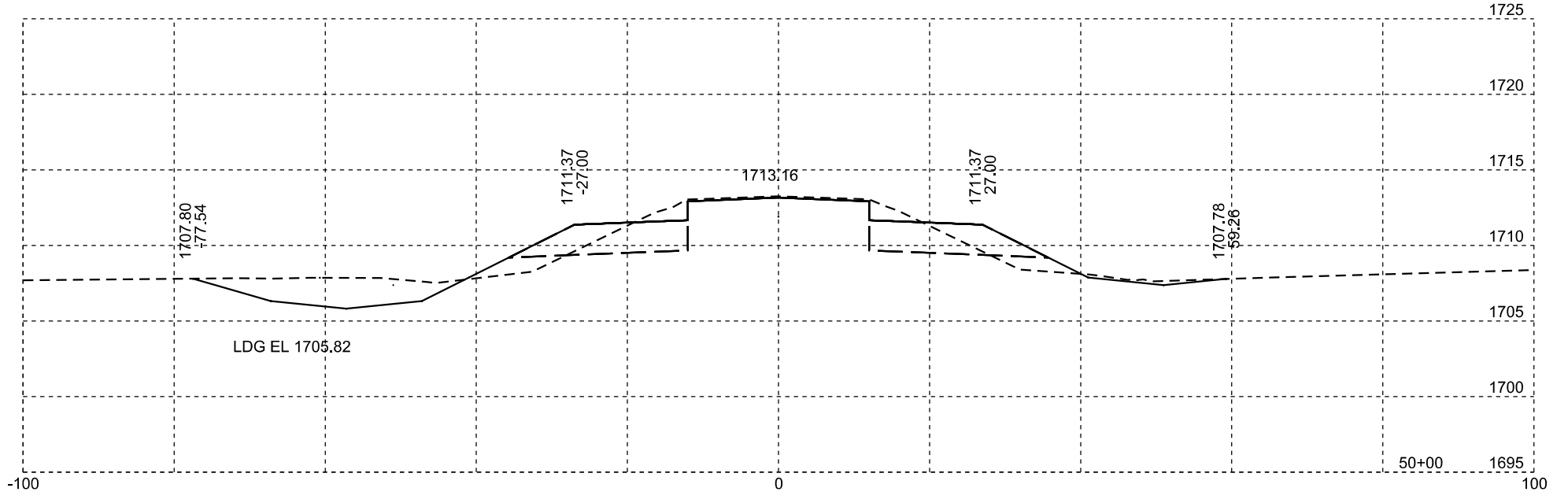
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X92	X110



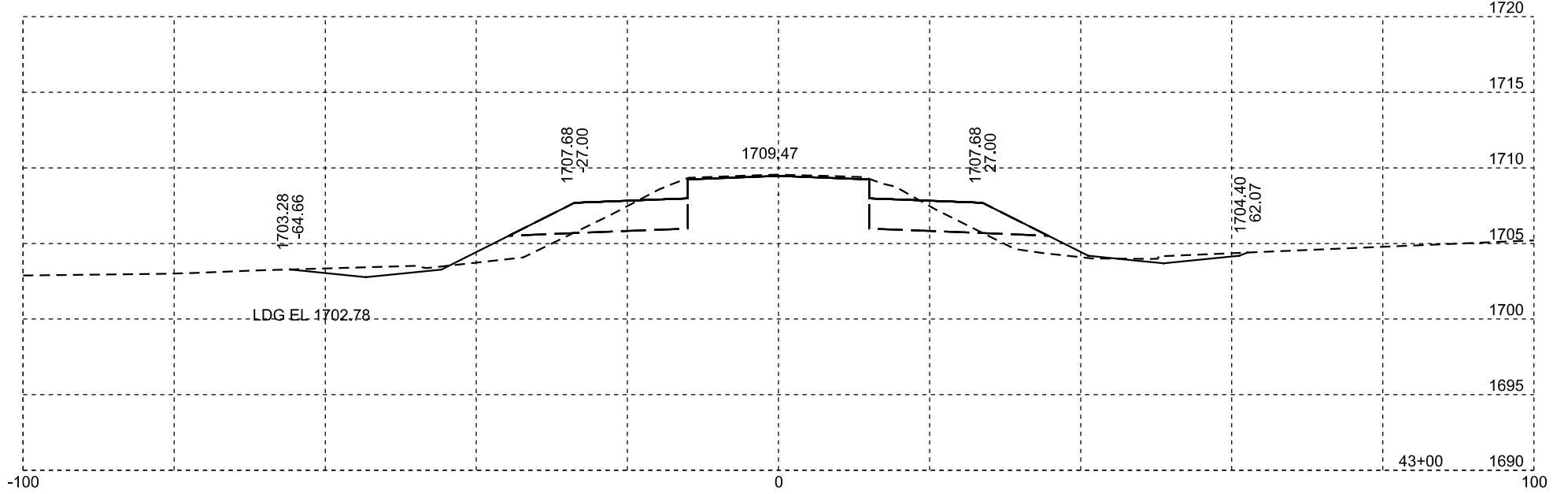
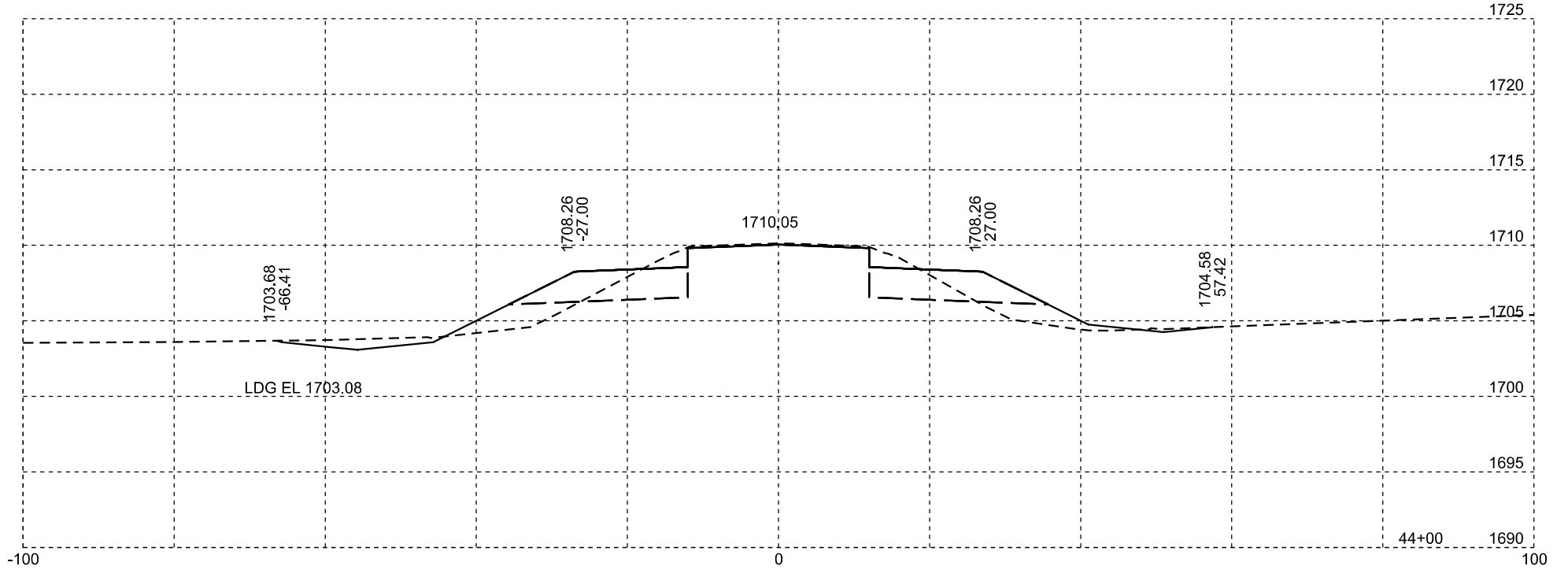
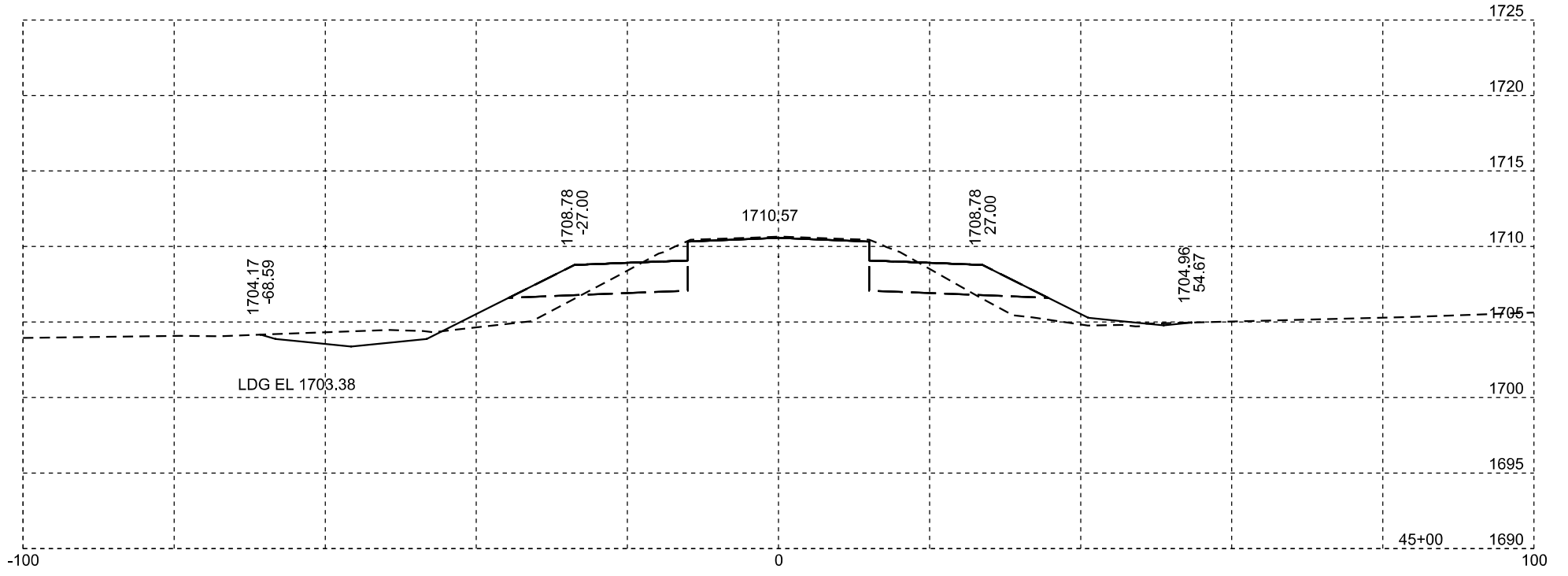
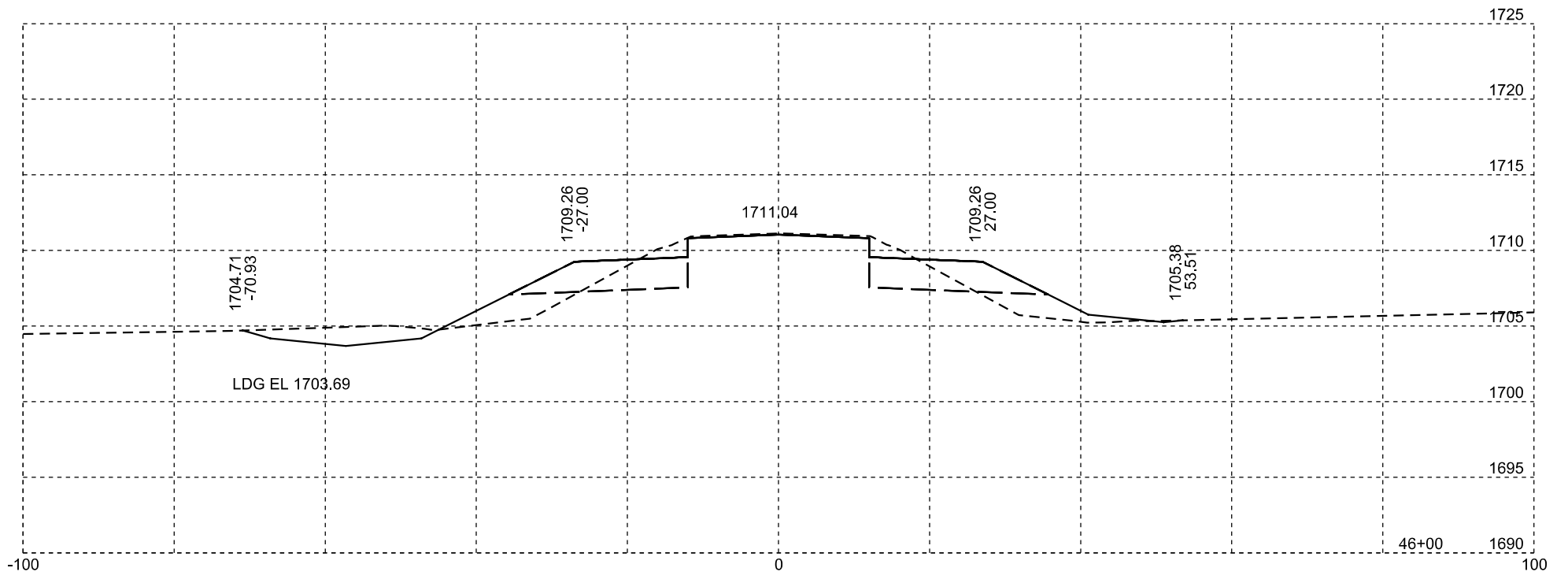
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X93	X110



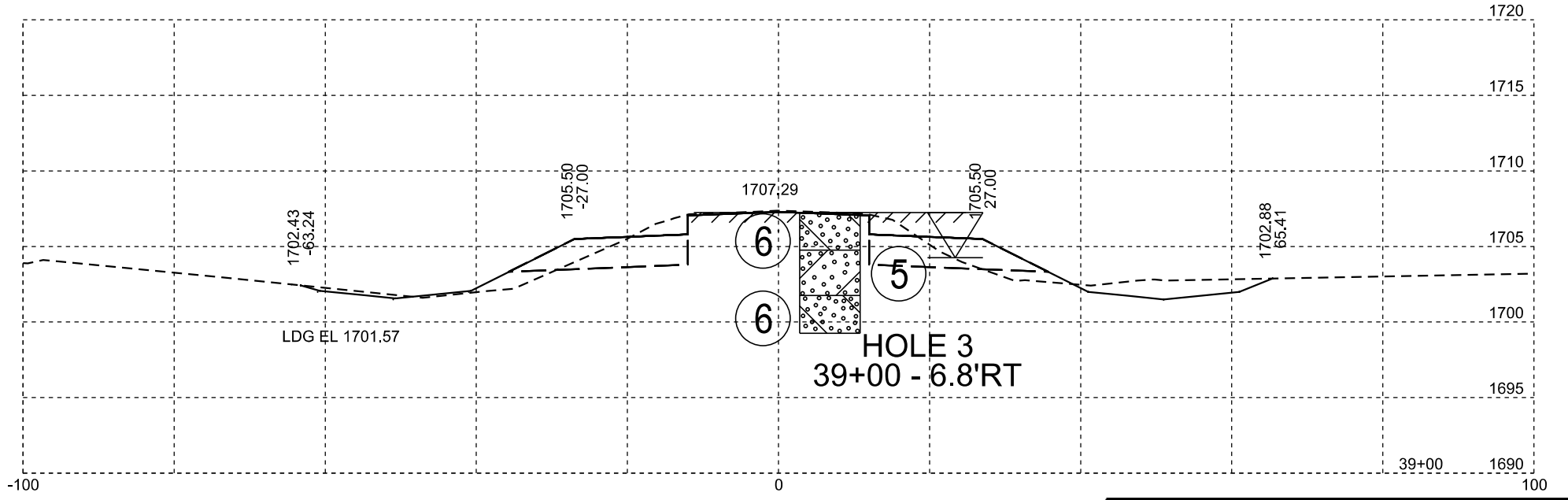
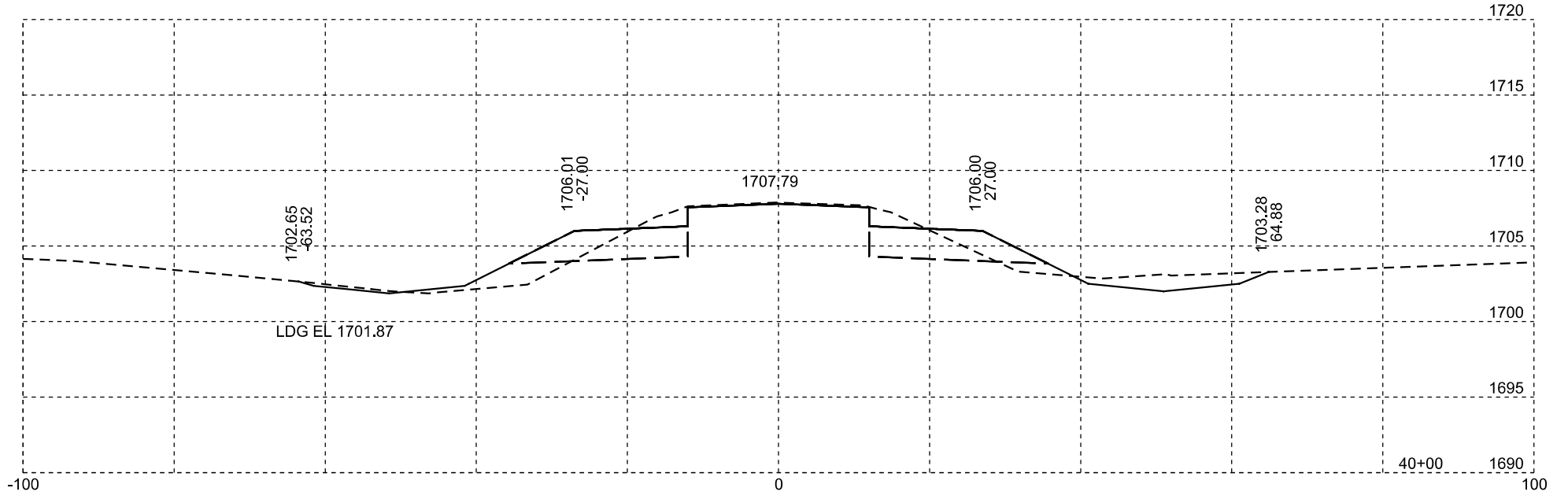
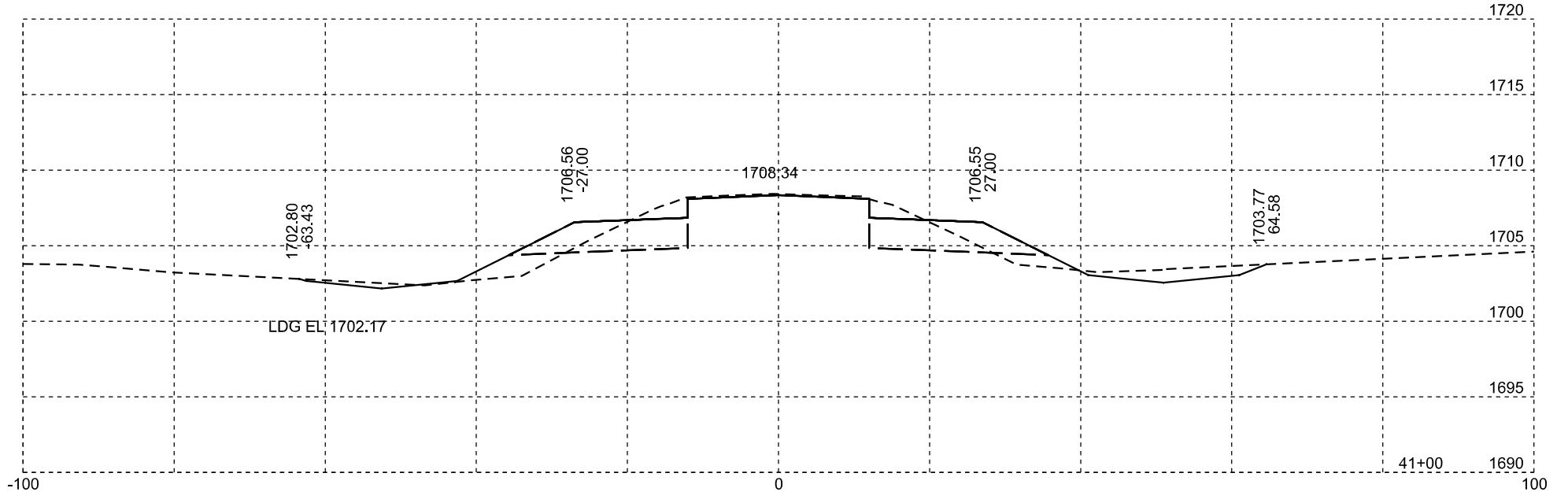
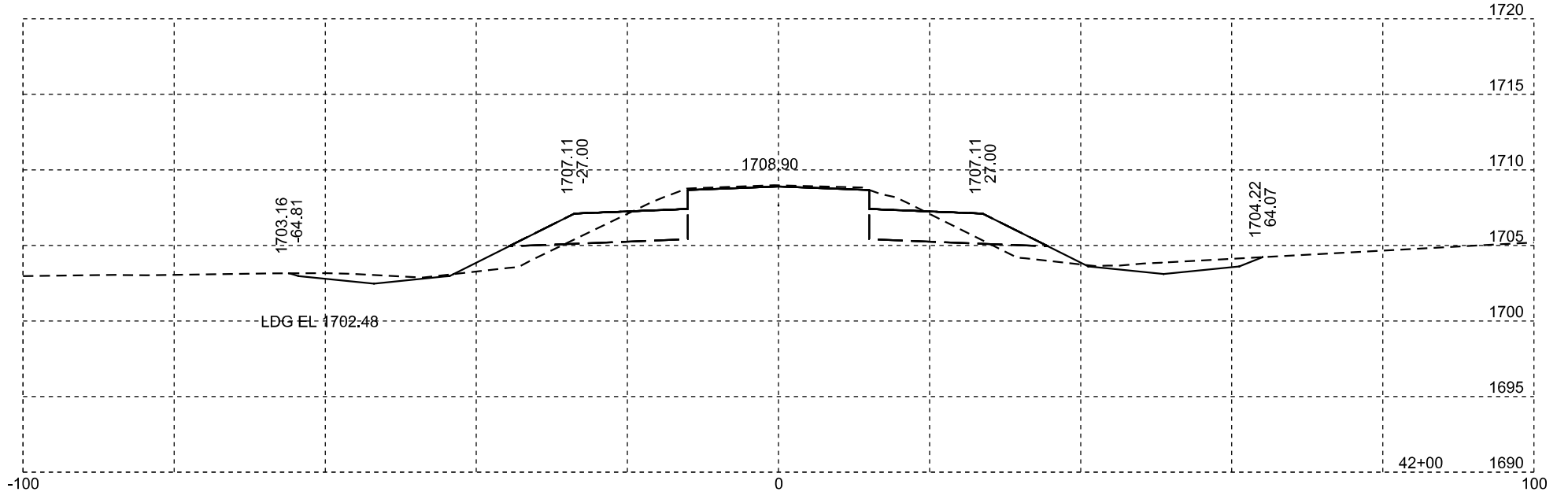
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X94	X110



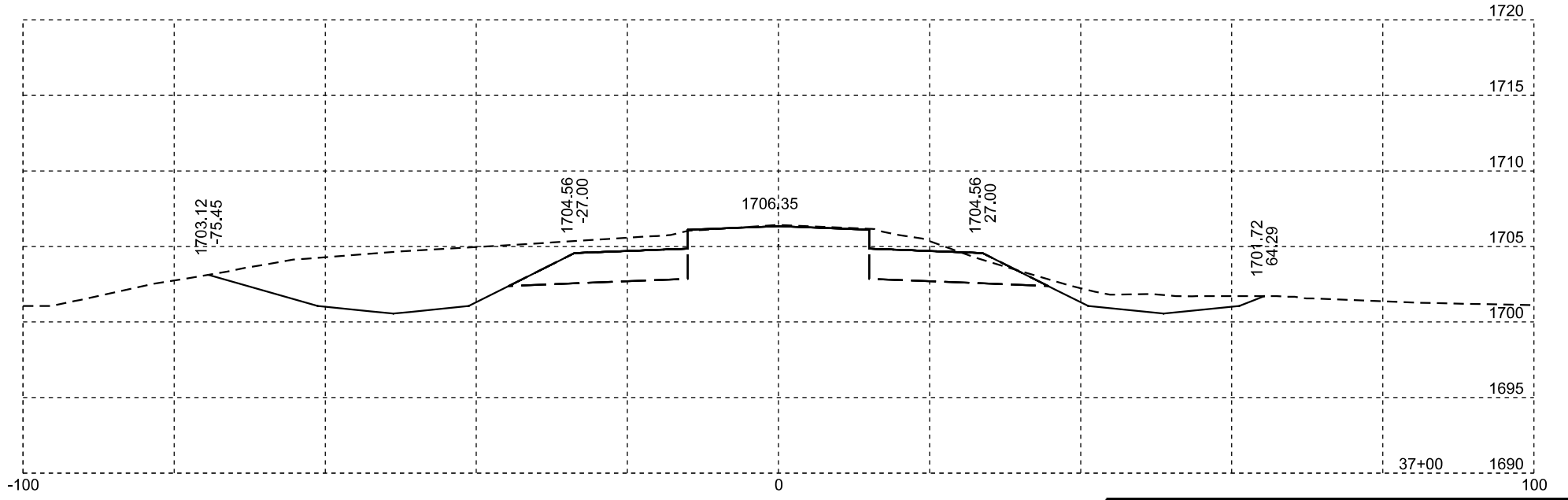
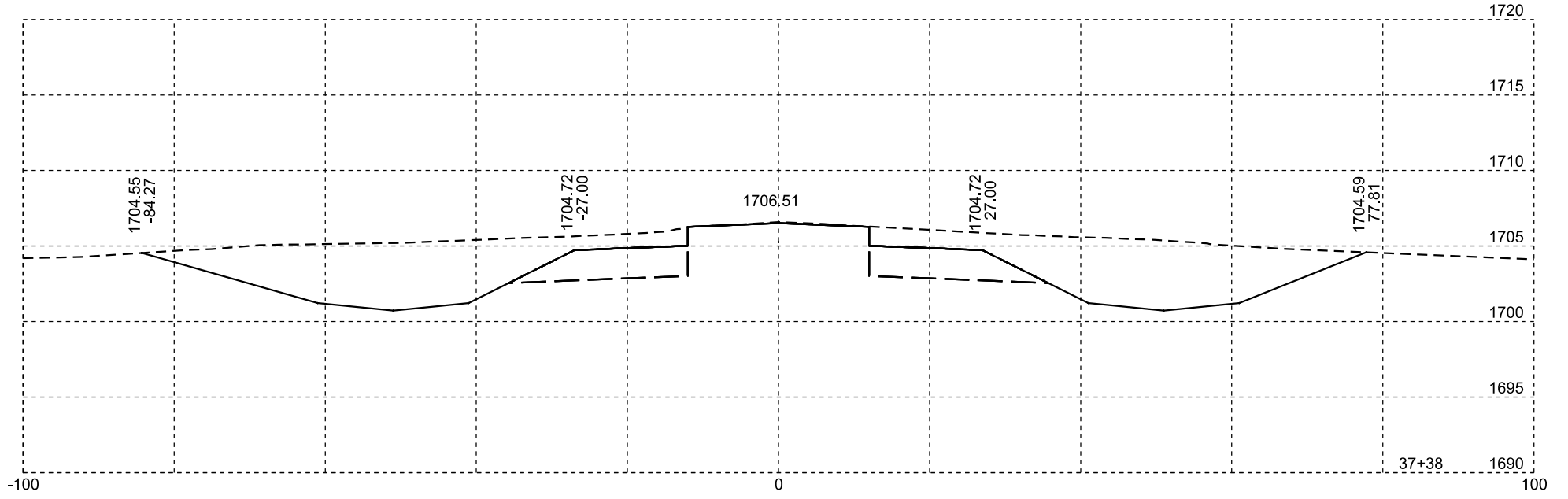
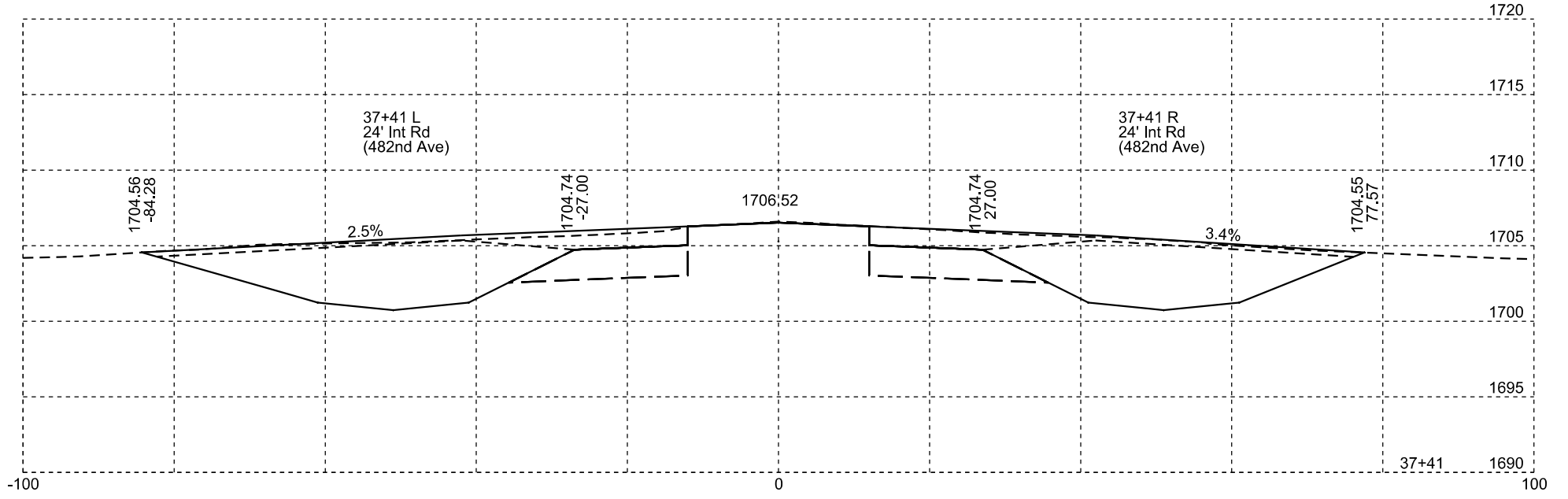
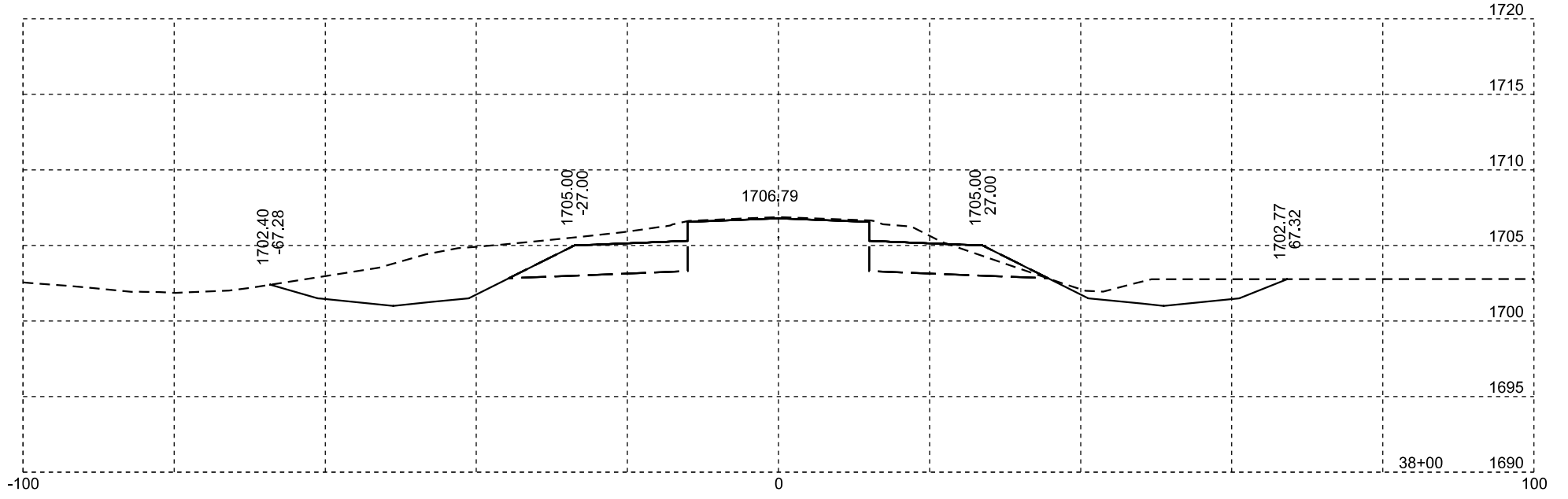
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X95	X110



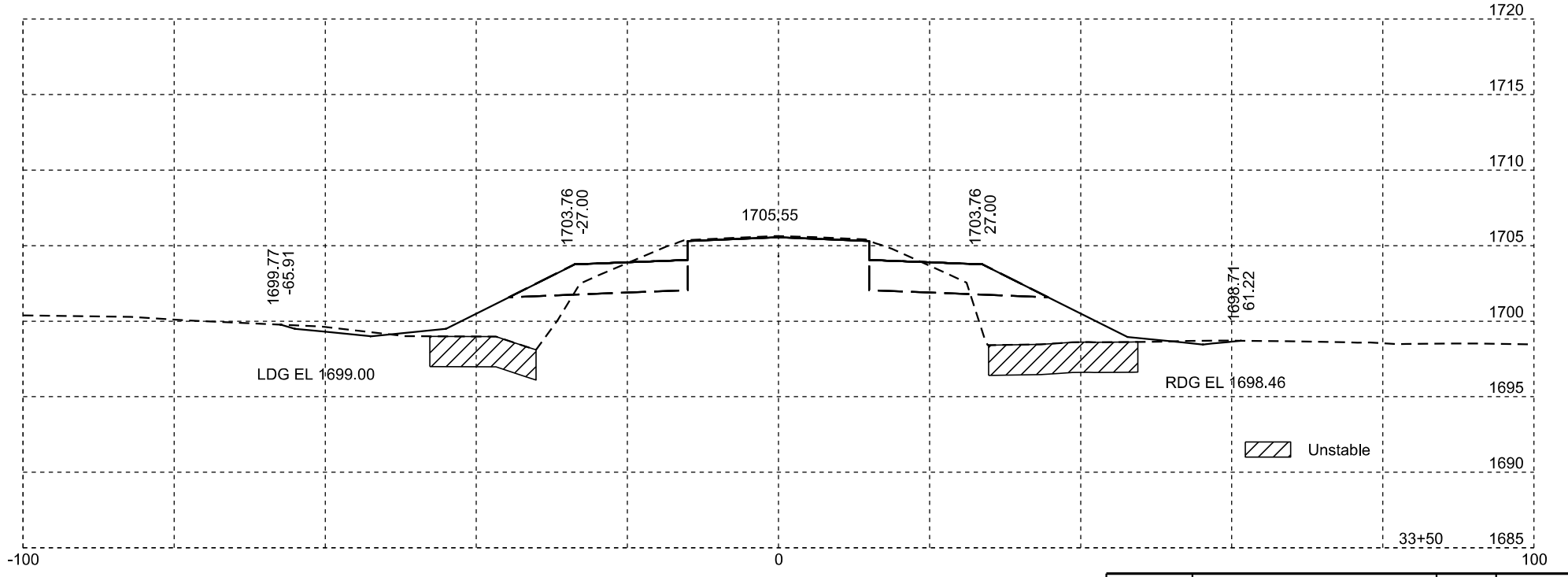
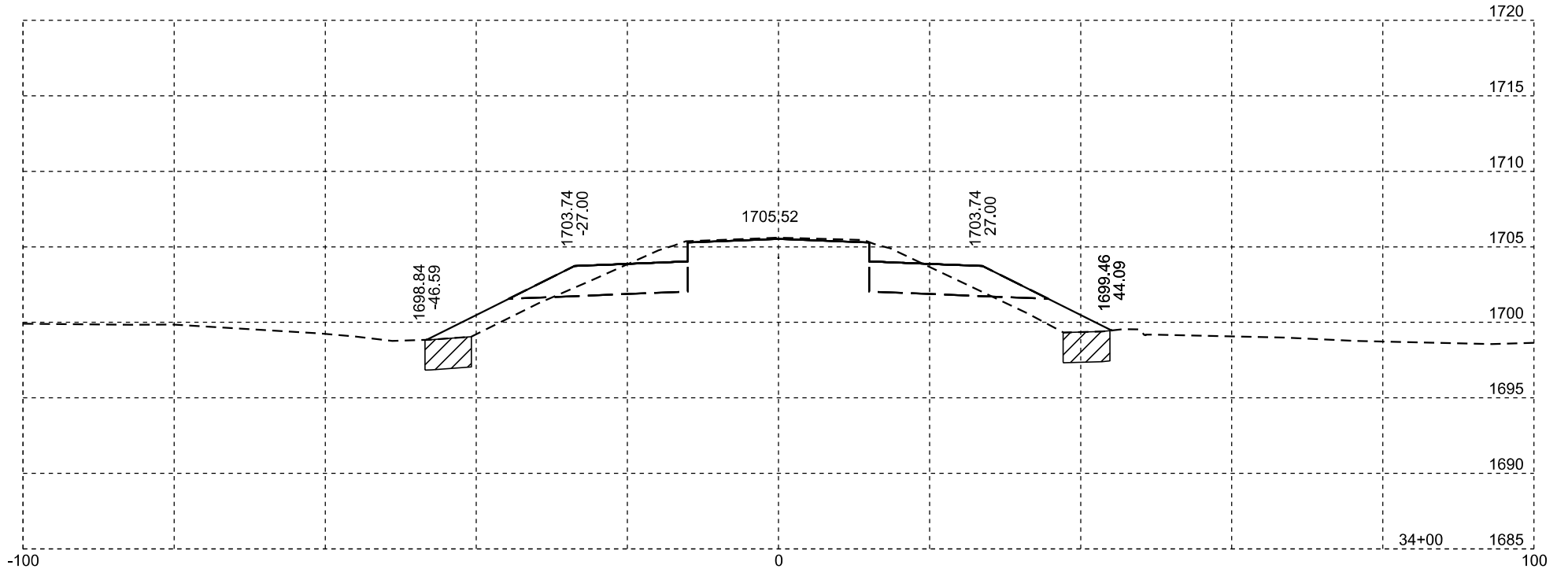
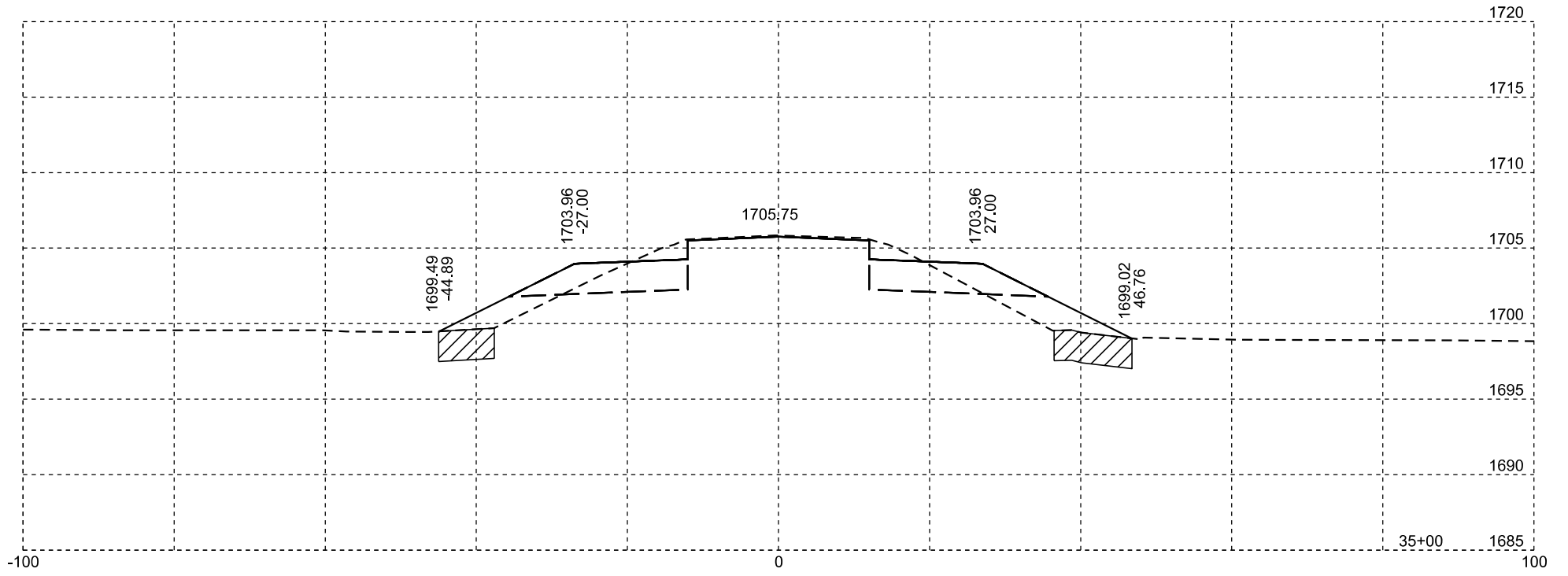
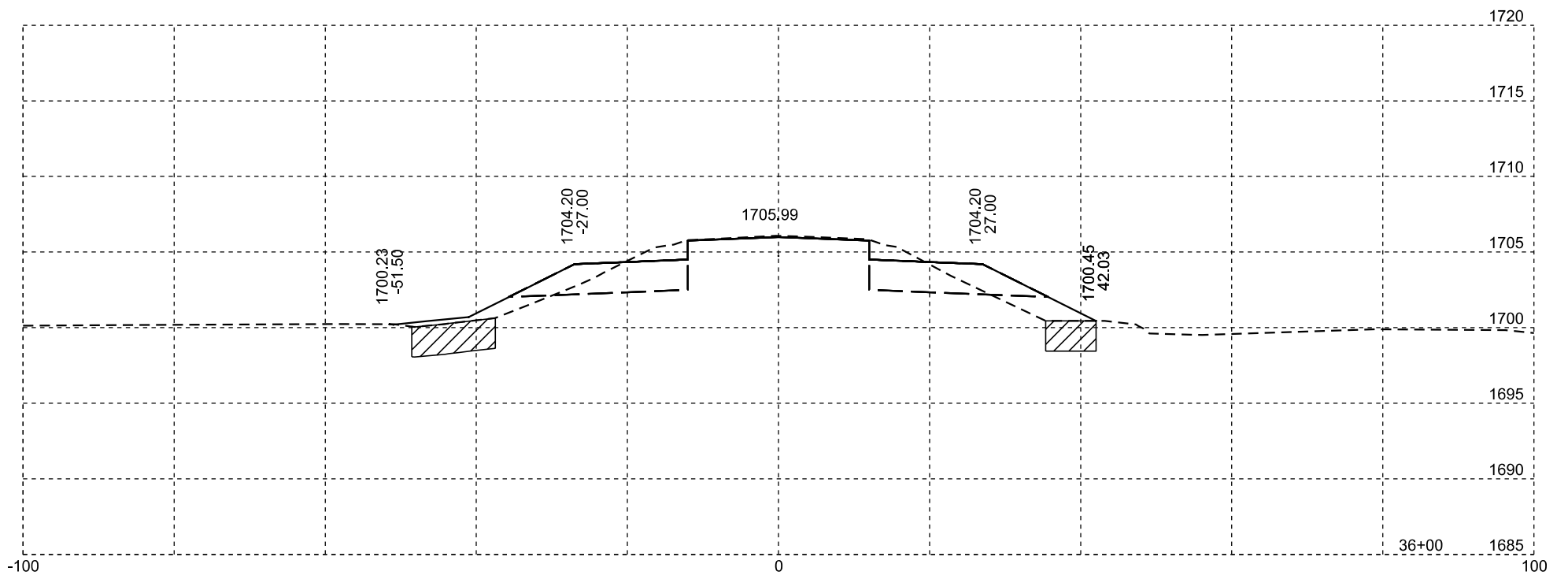
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X96	X110



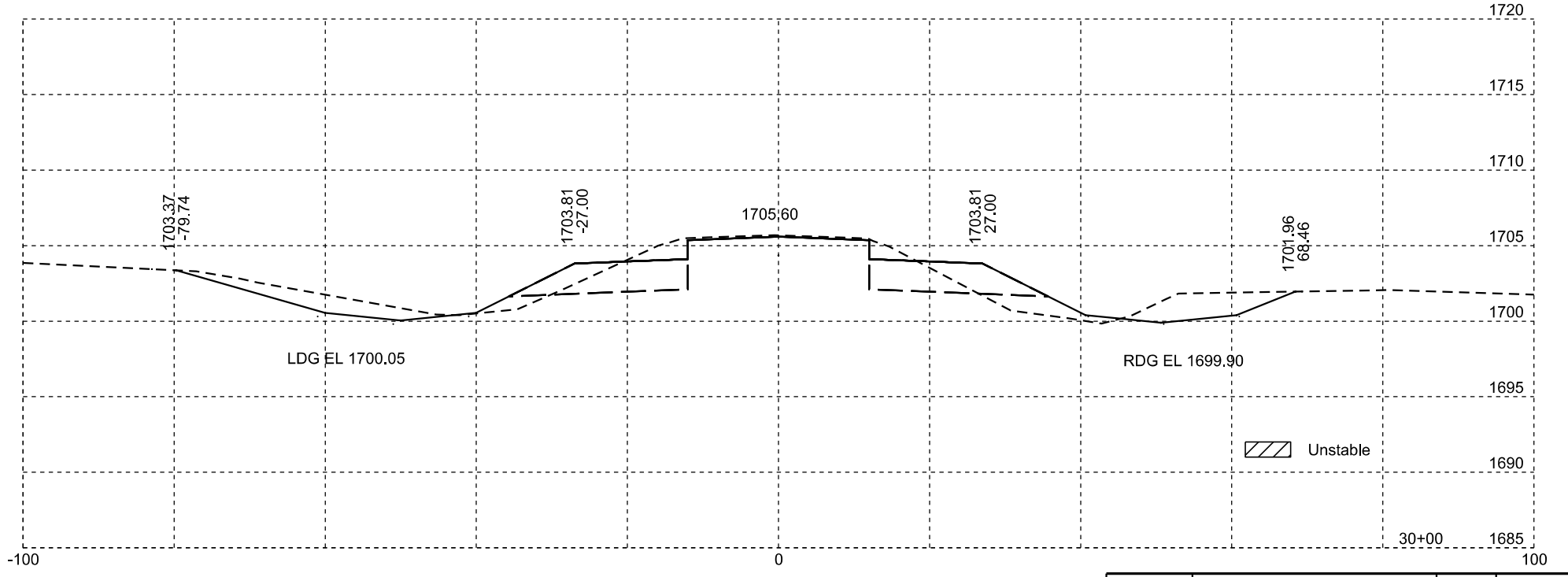
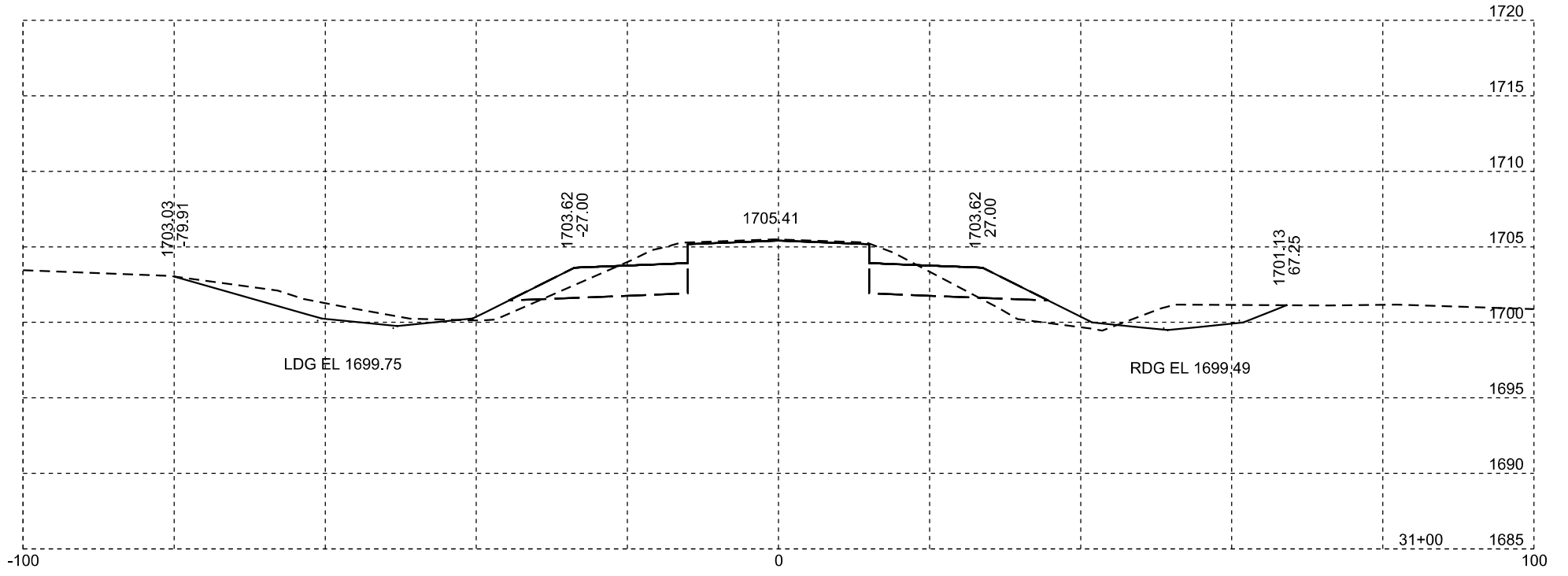
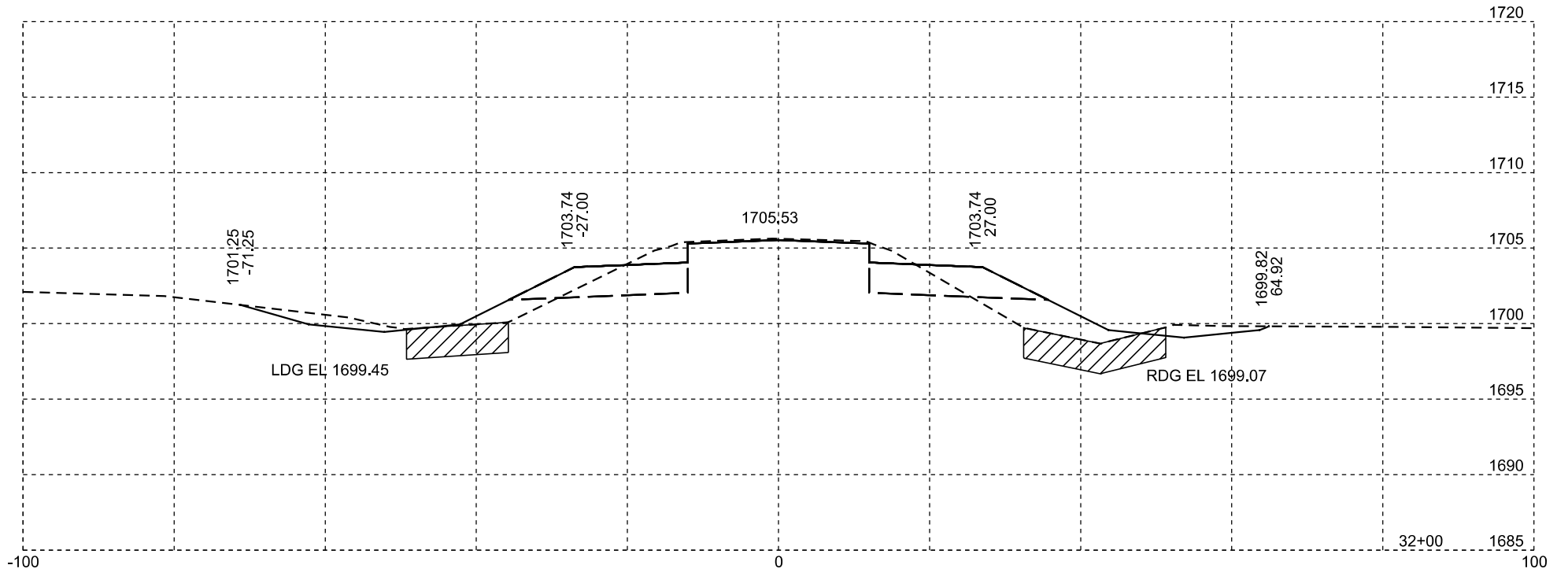
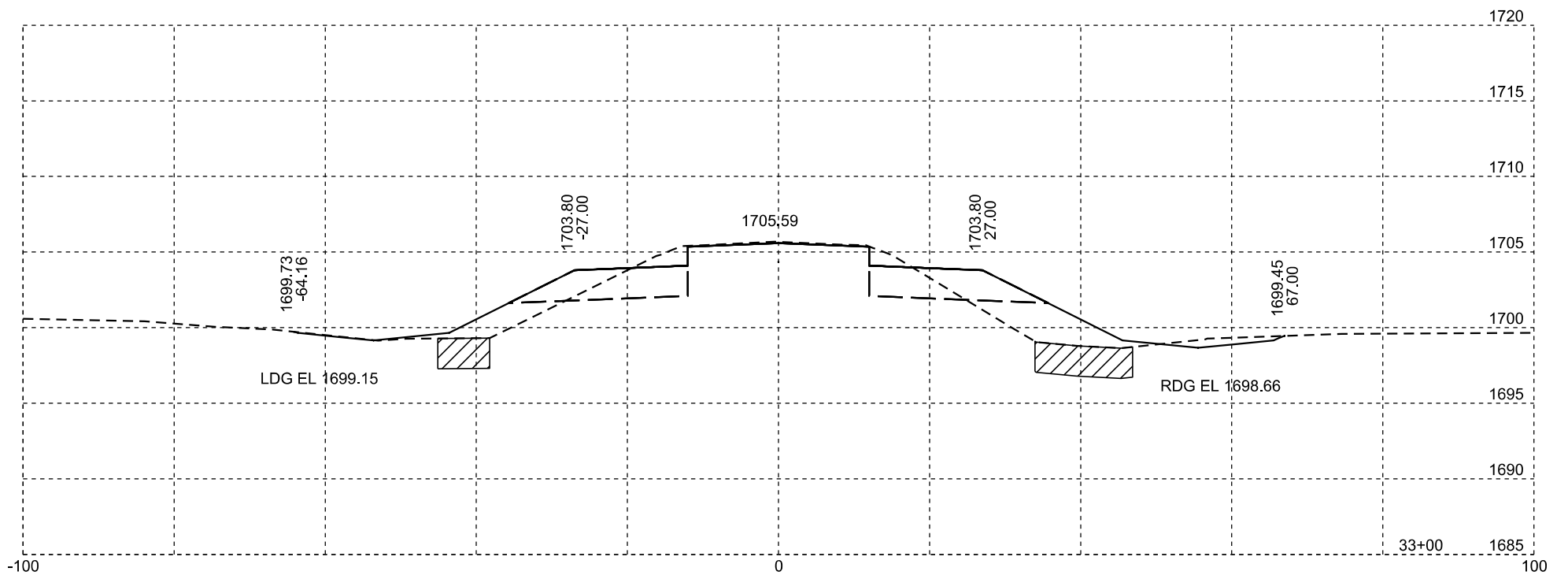
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X97	X110



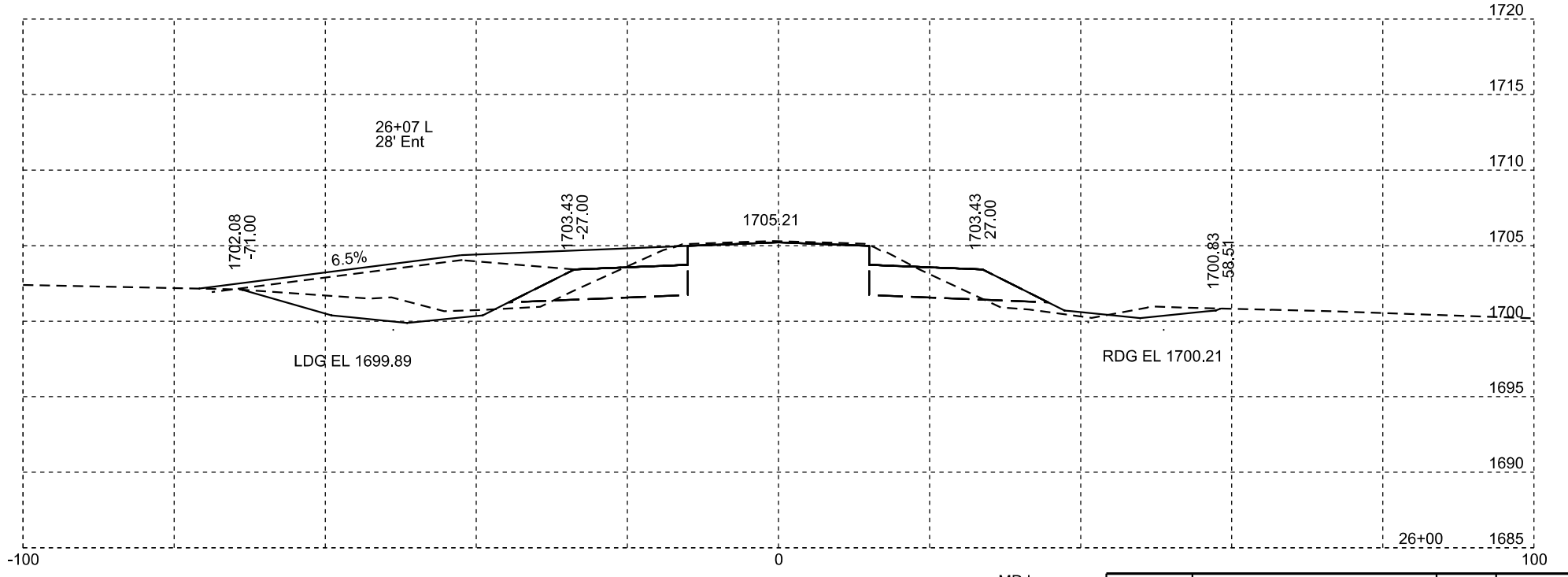
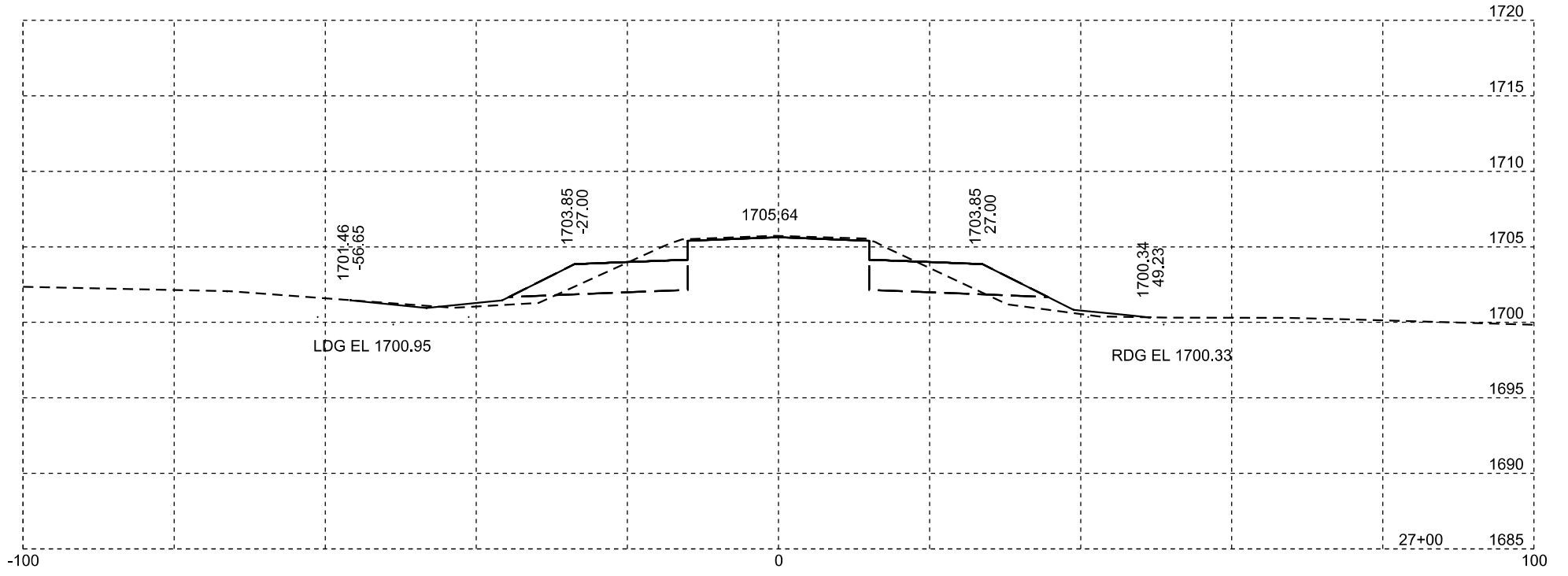
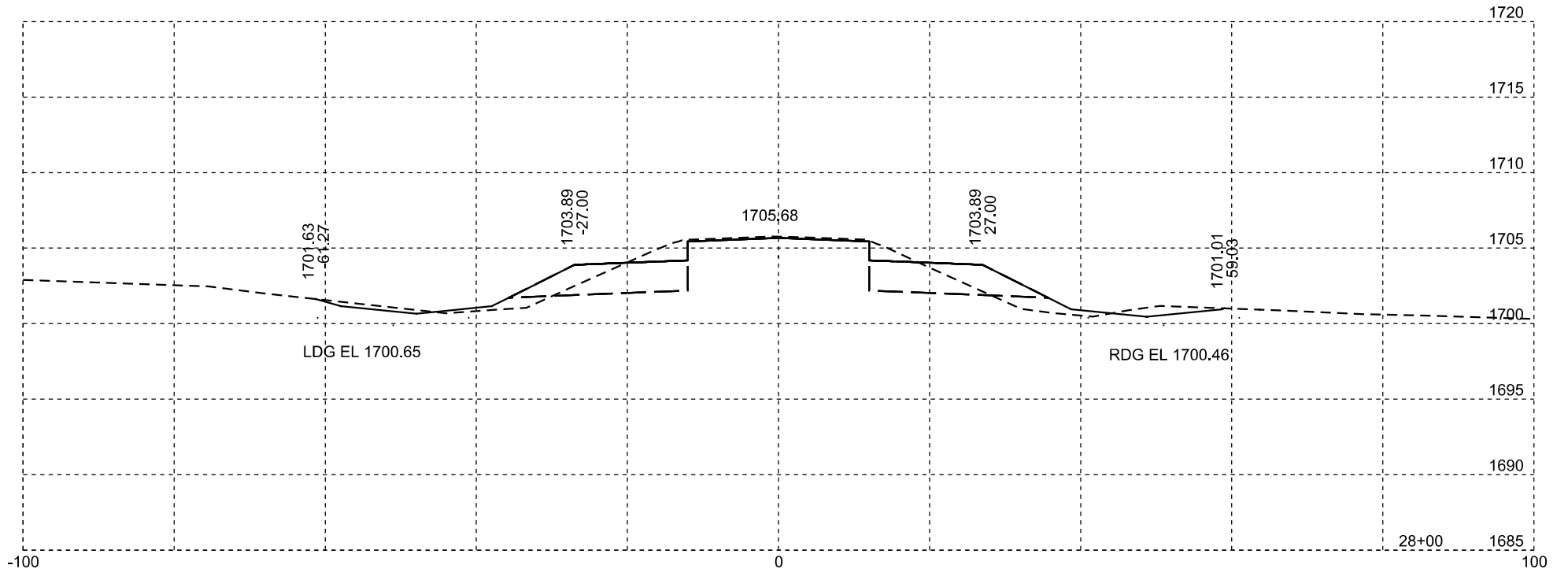
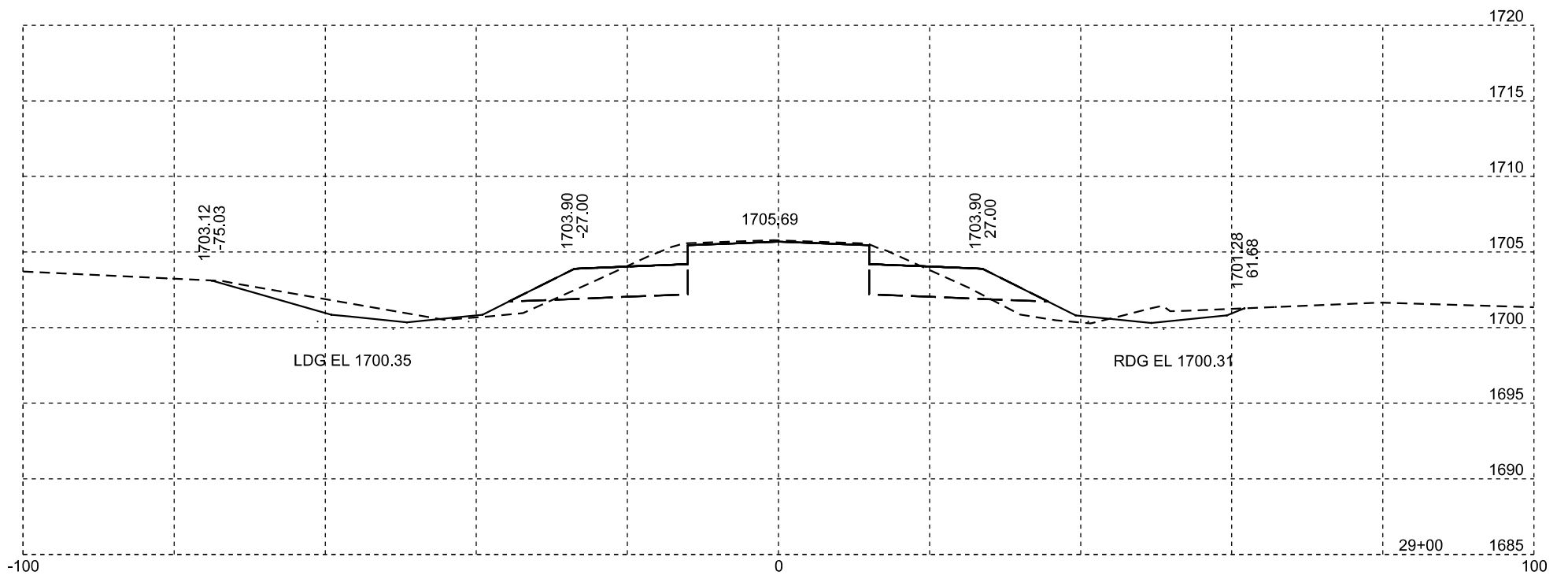
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X98	X110



Plotting Date: 04/15/2024

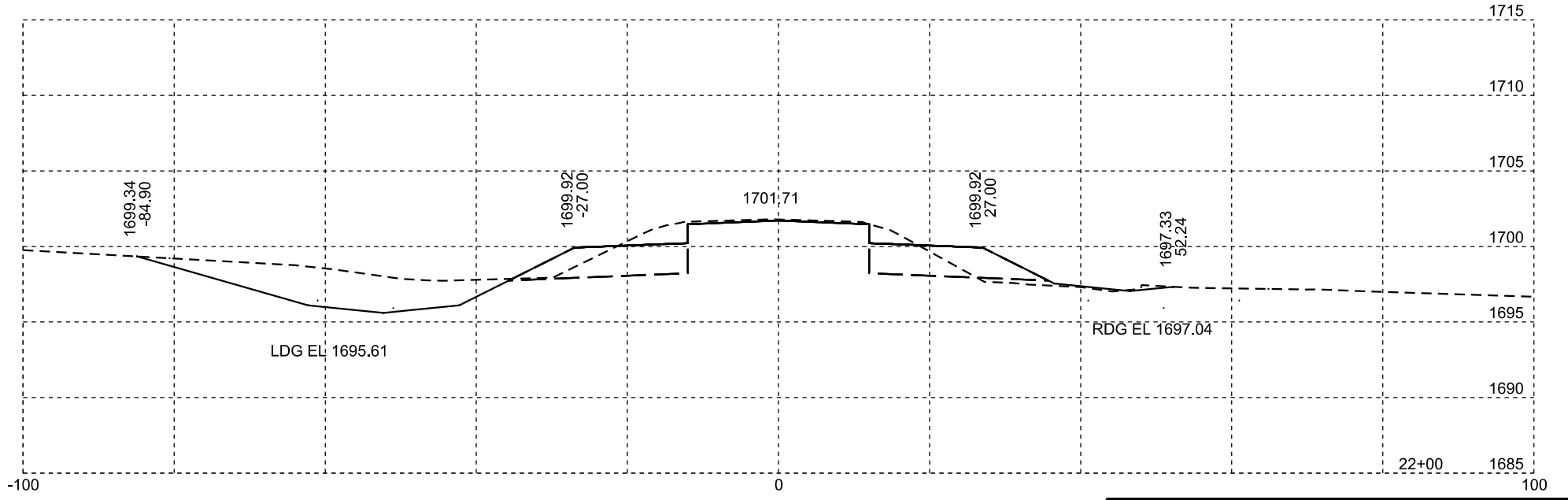
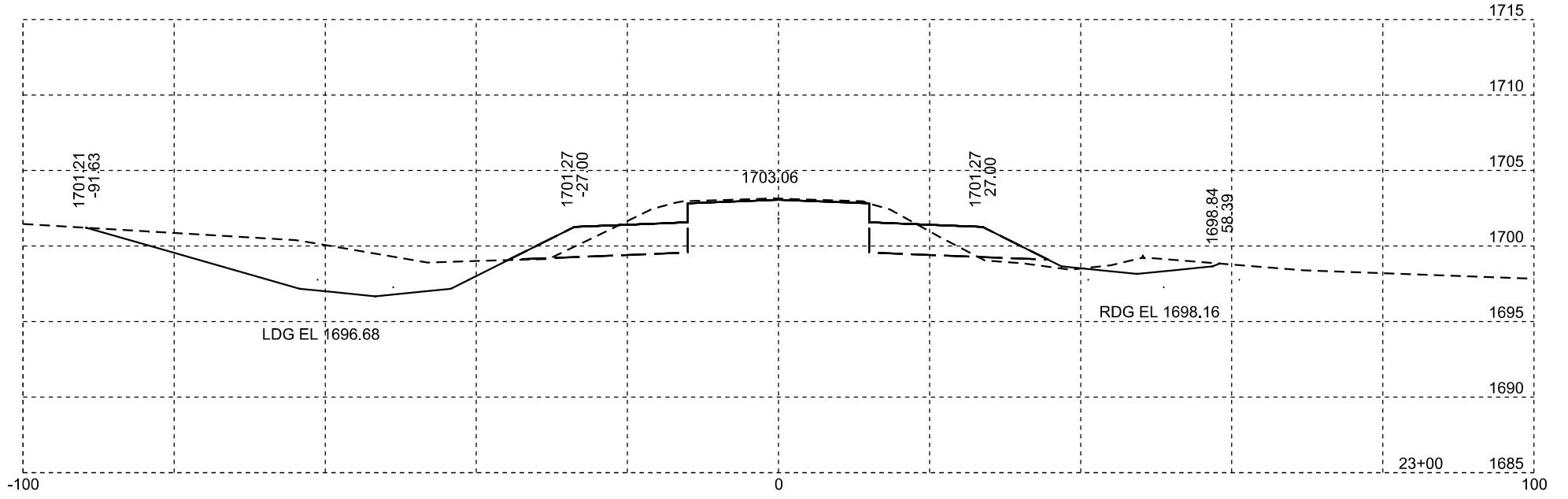
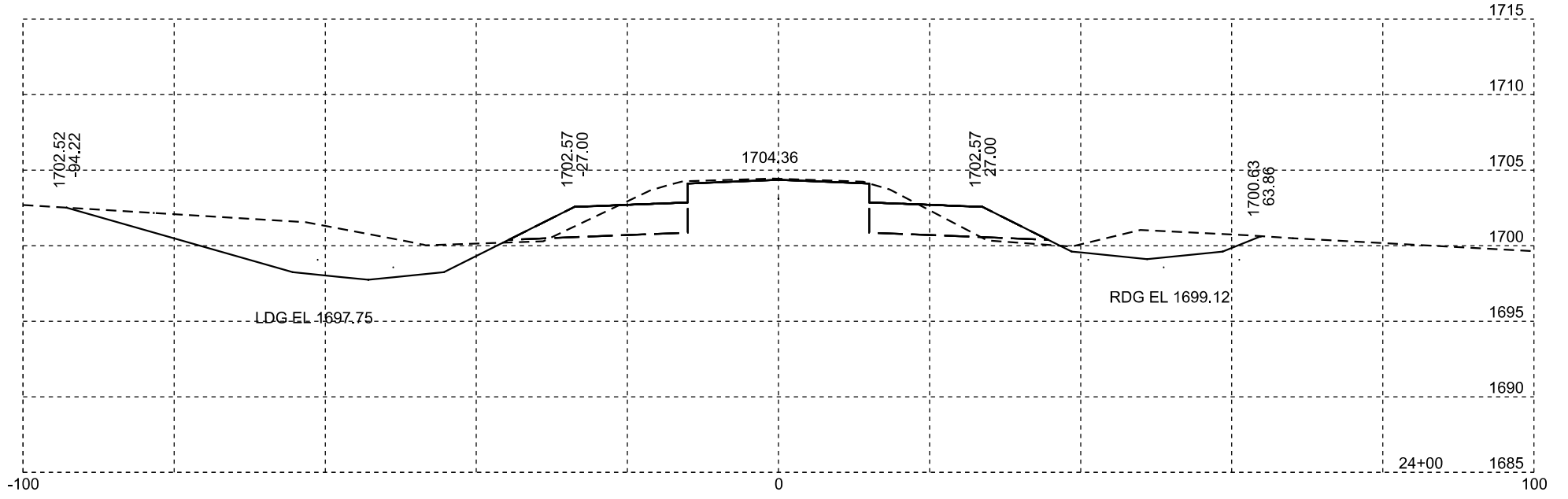
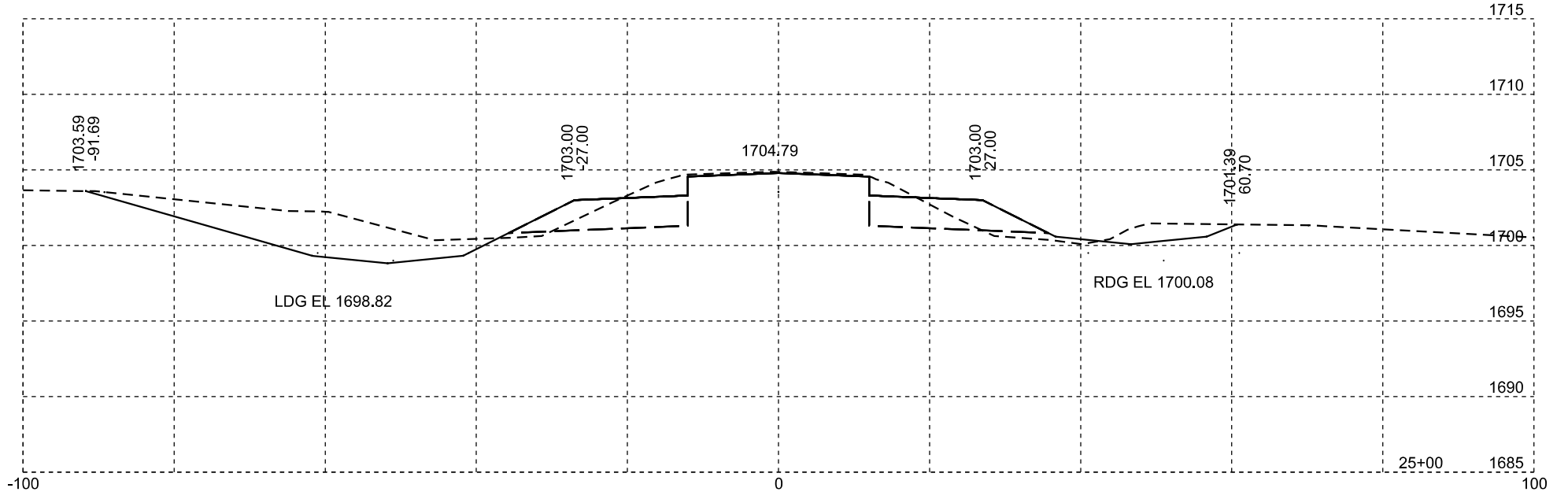
STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X99	X110



Revision Date: 06/06/2023
 Plotting Date: 04/15/2024

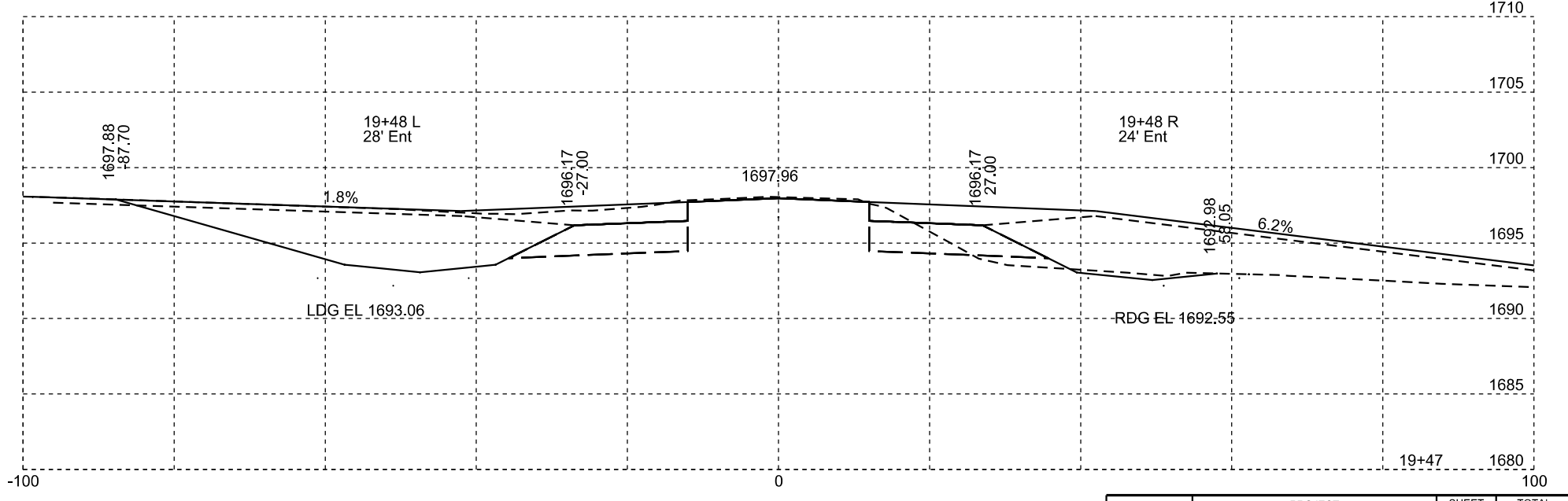
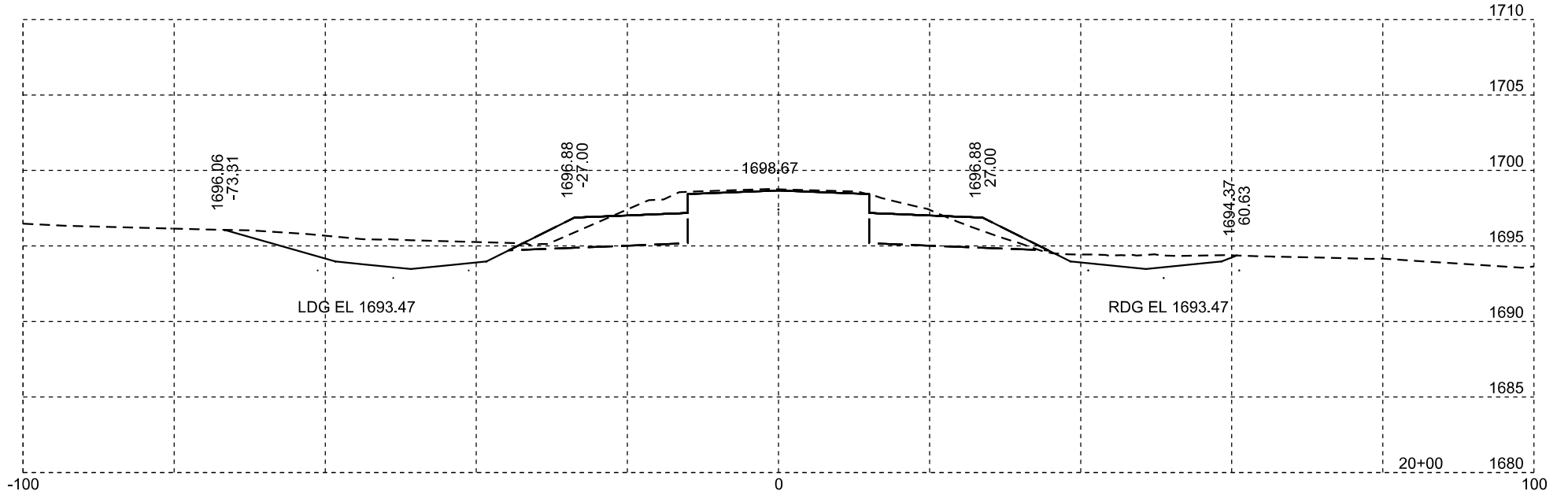
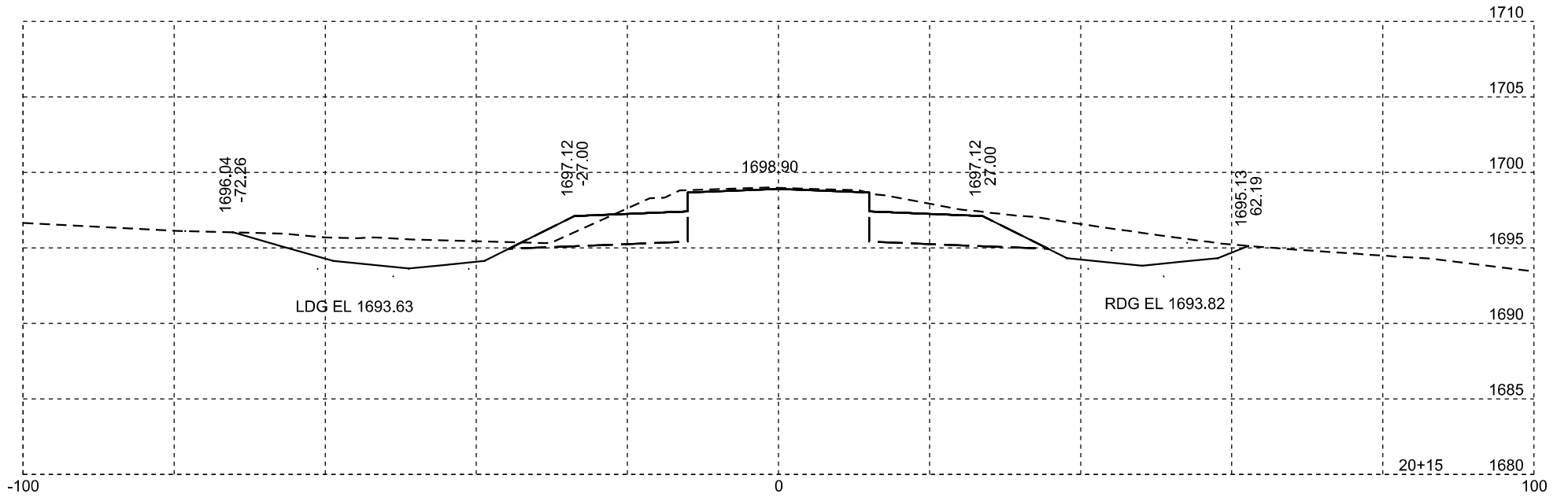
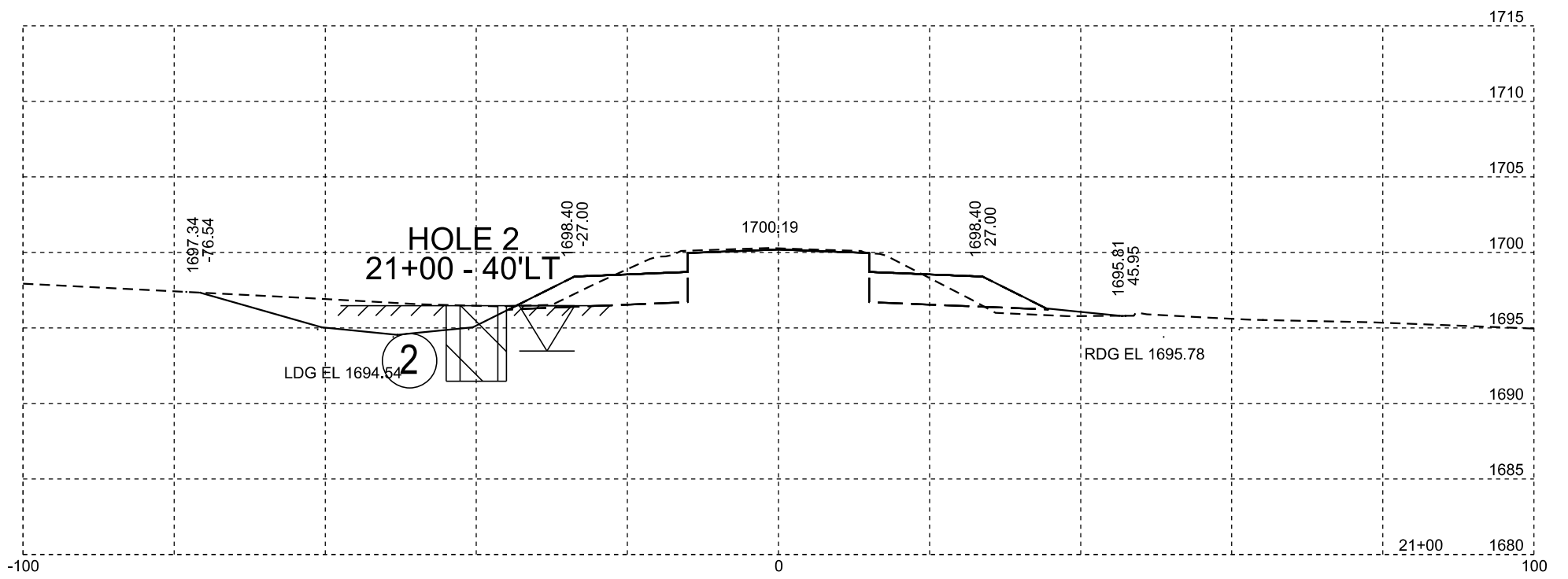
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STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X100	X110



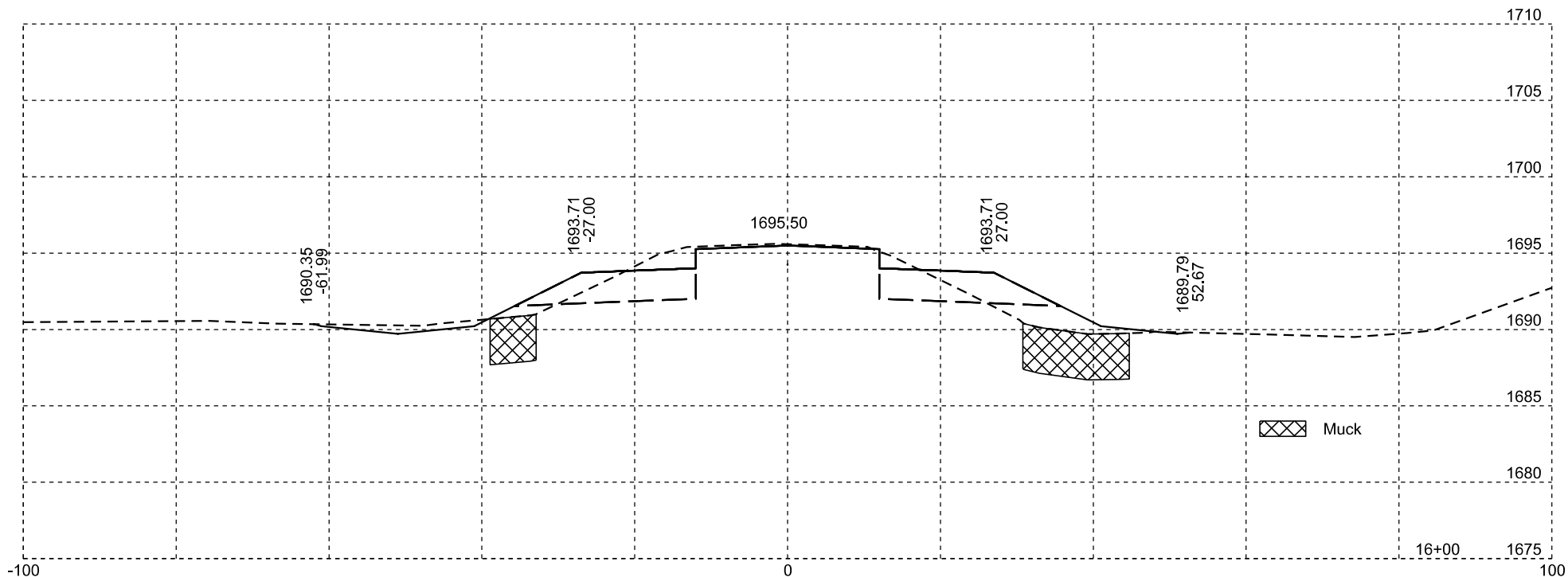
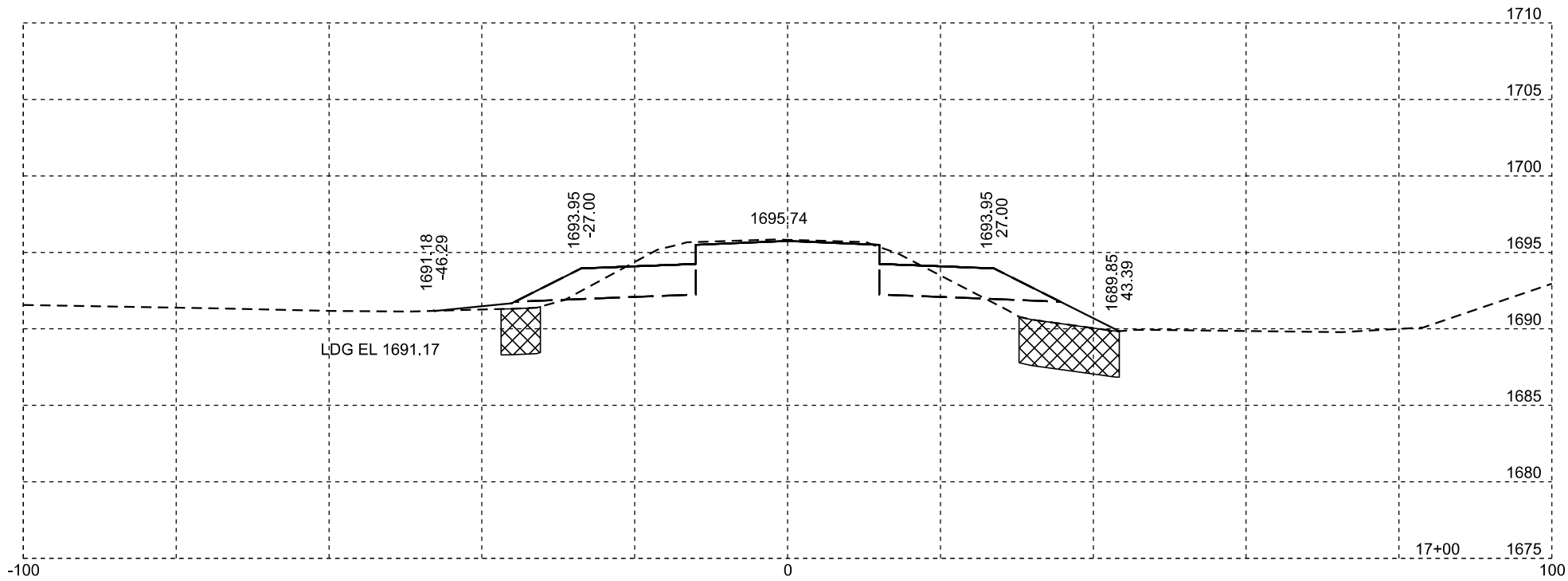
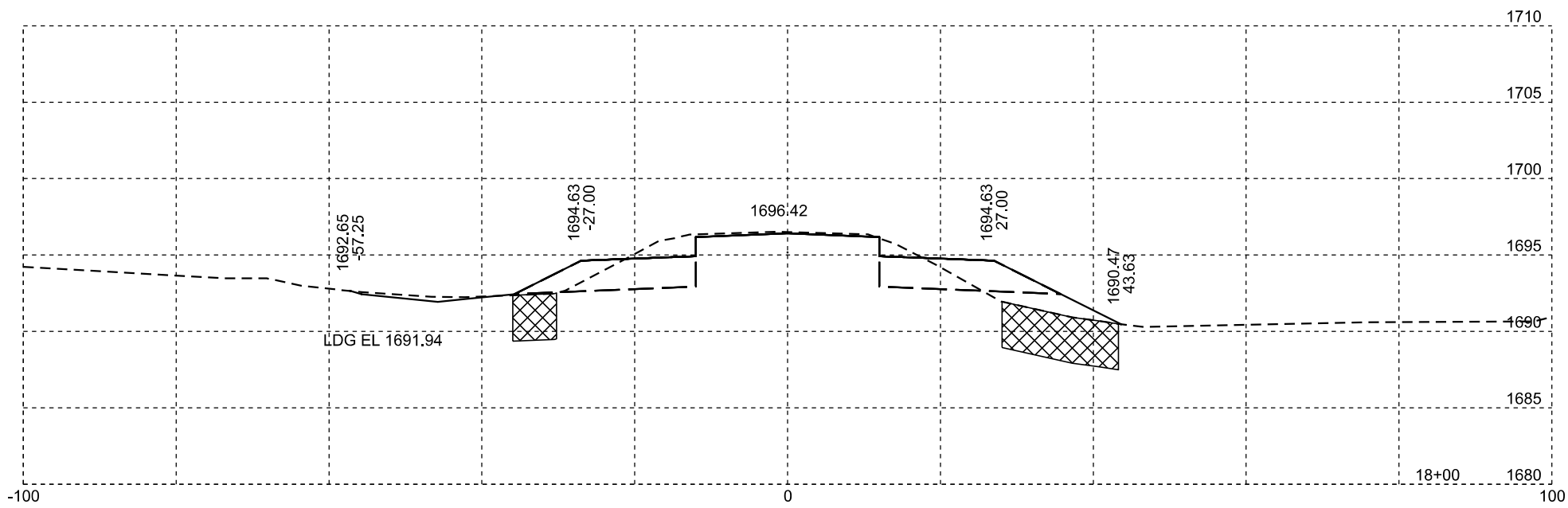
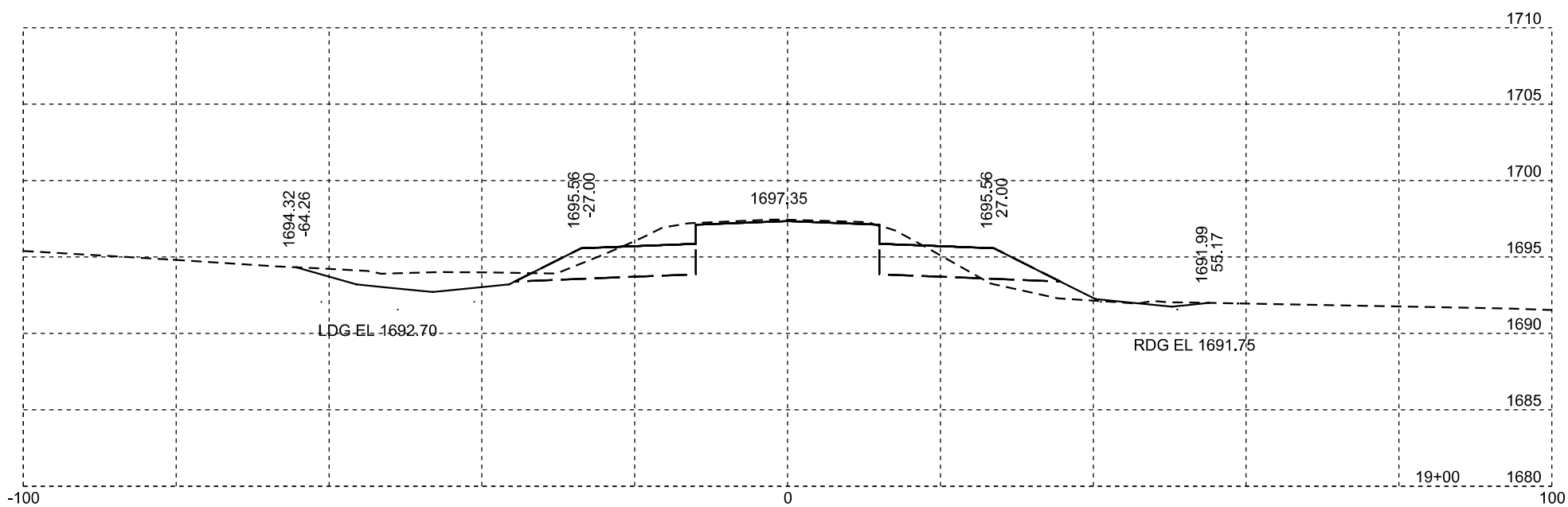
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X101	X110



Plotting Date: 04/15/2024

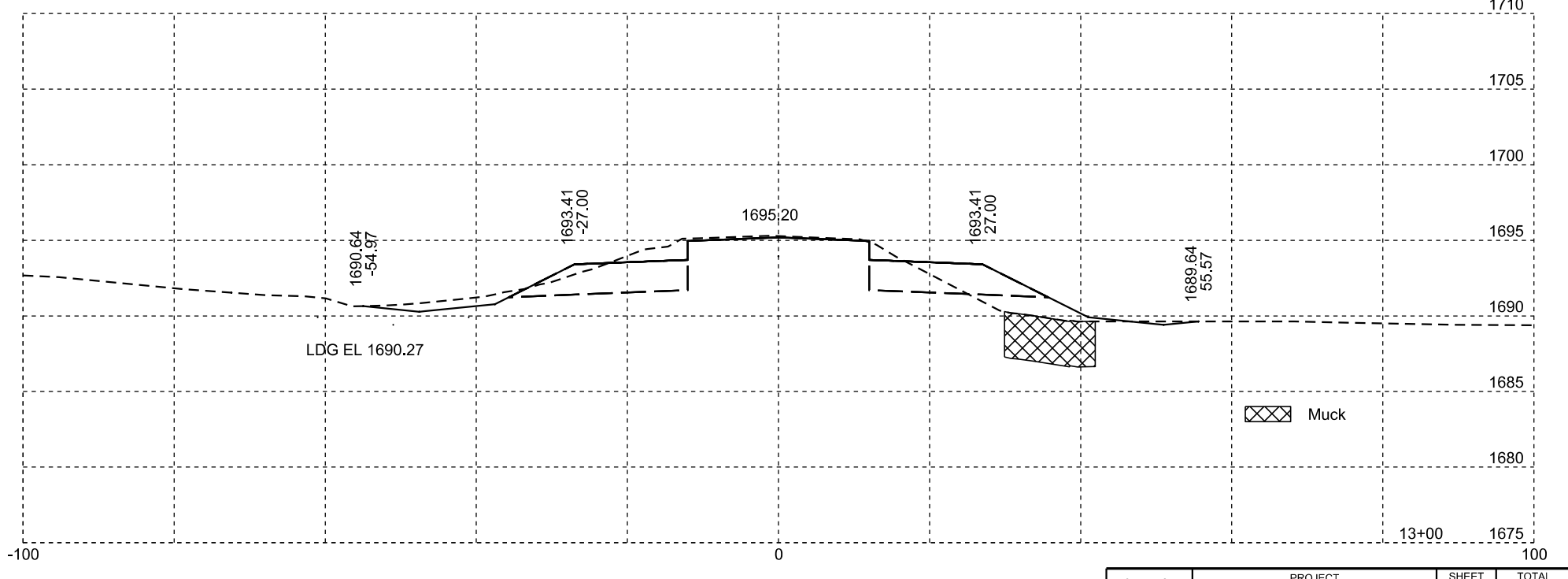
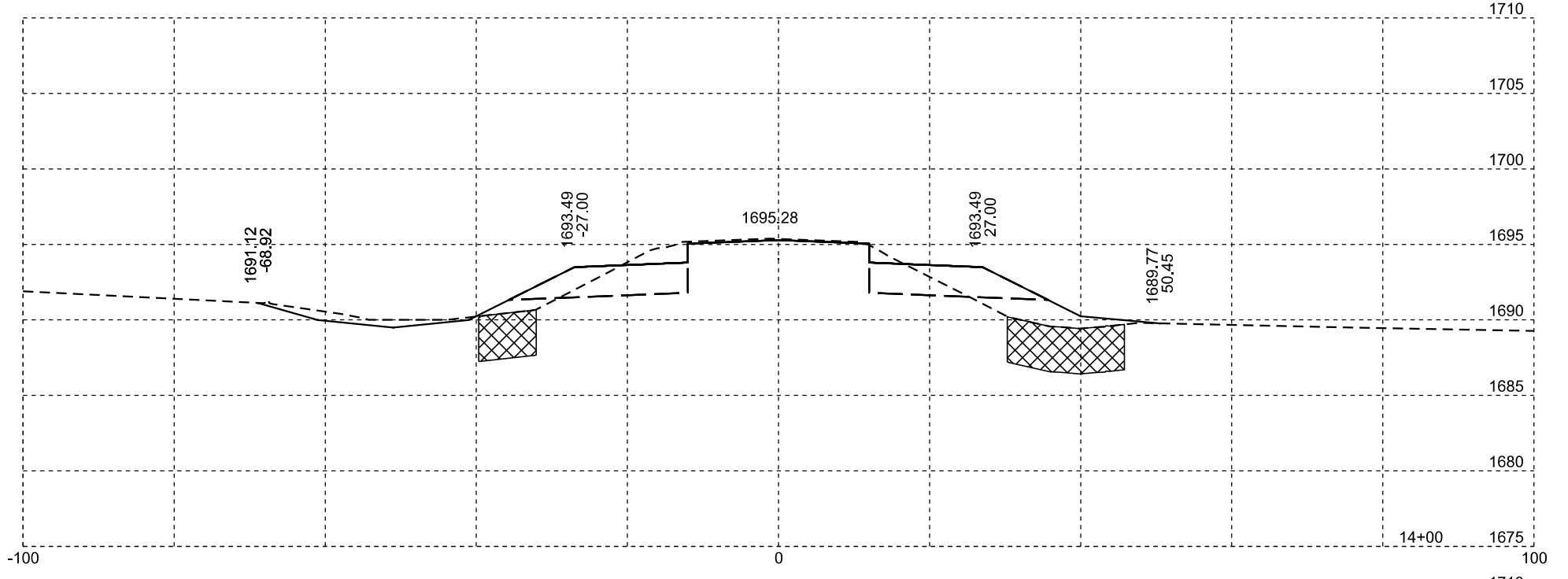
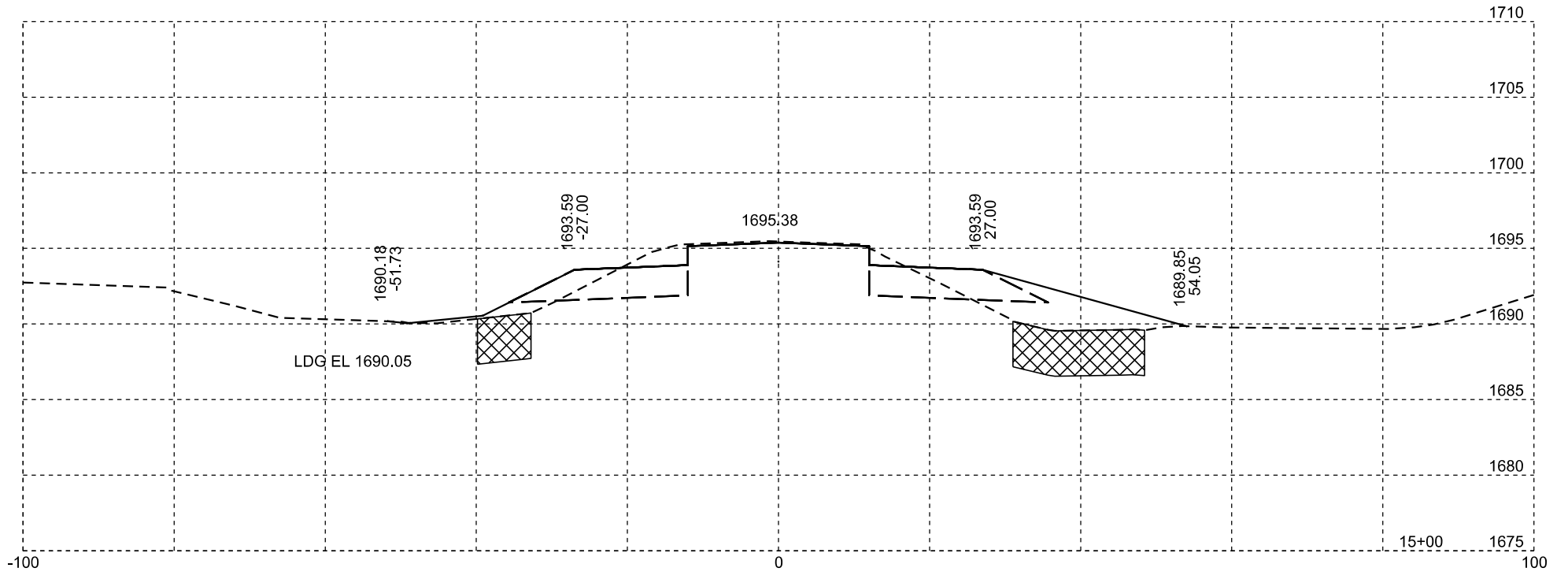
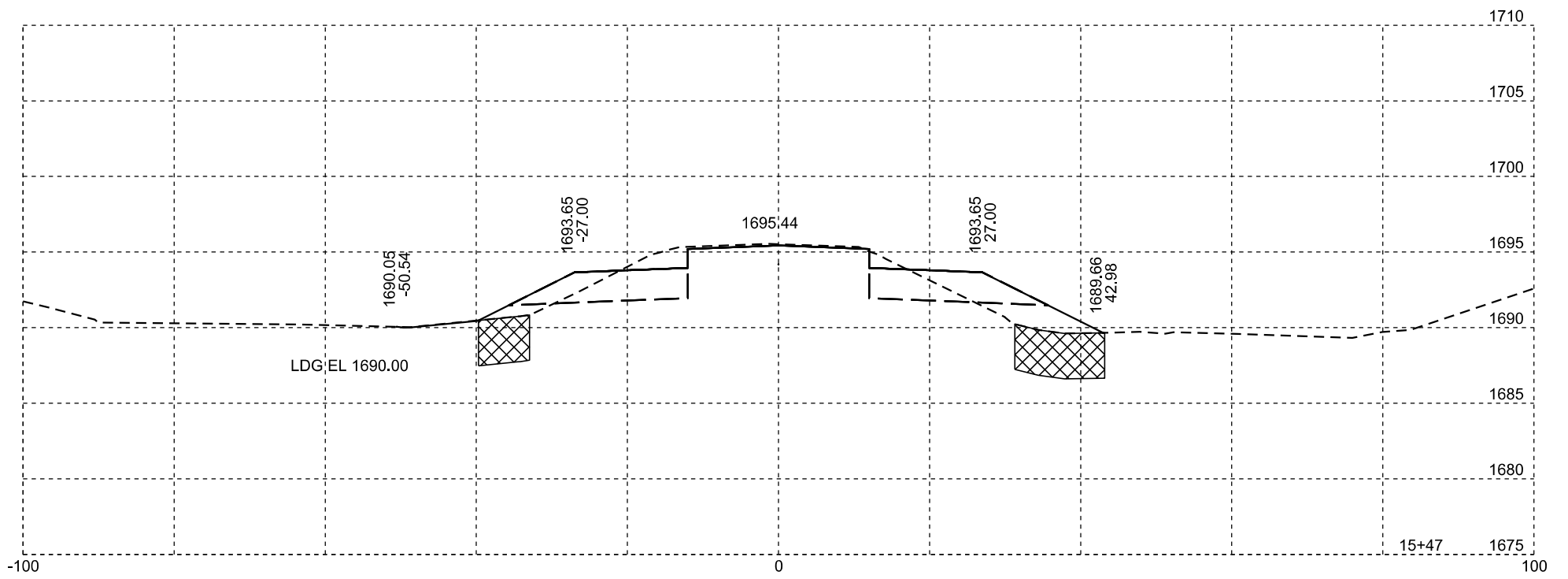
STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X102	X110



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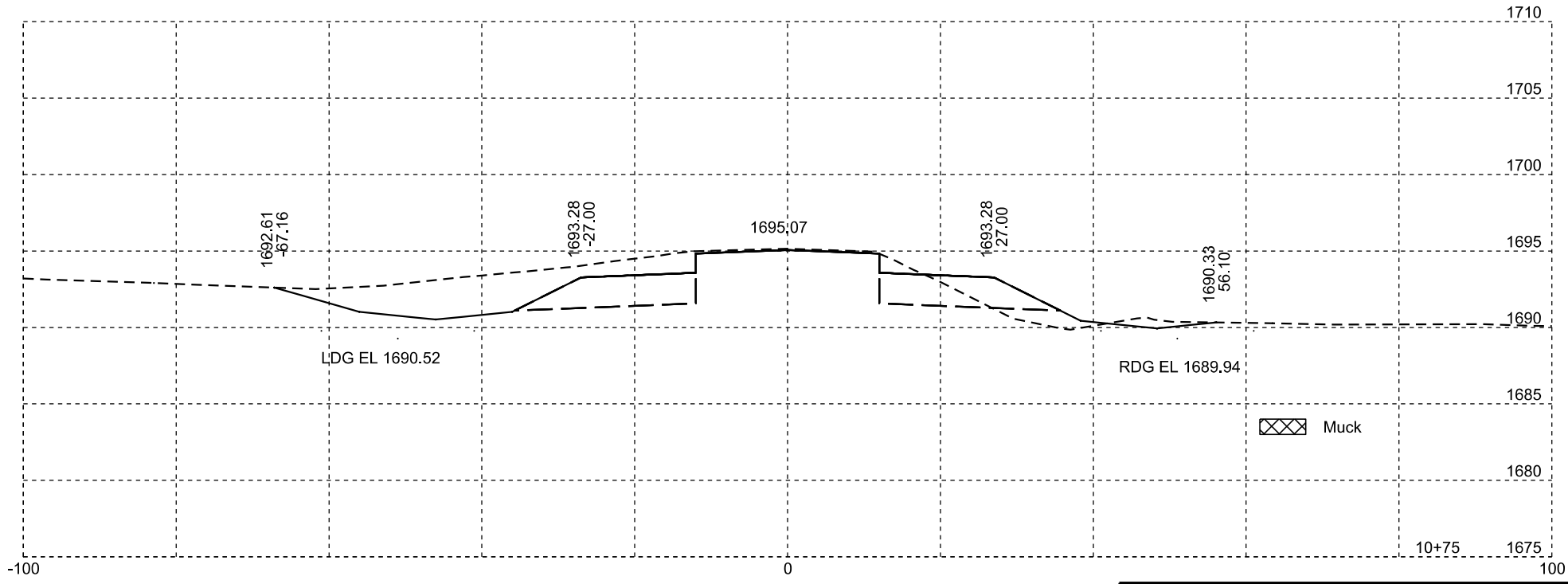
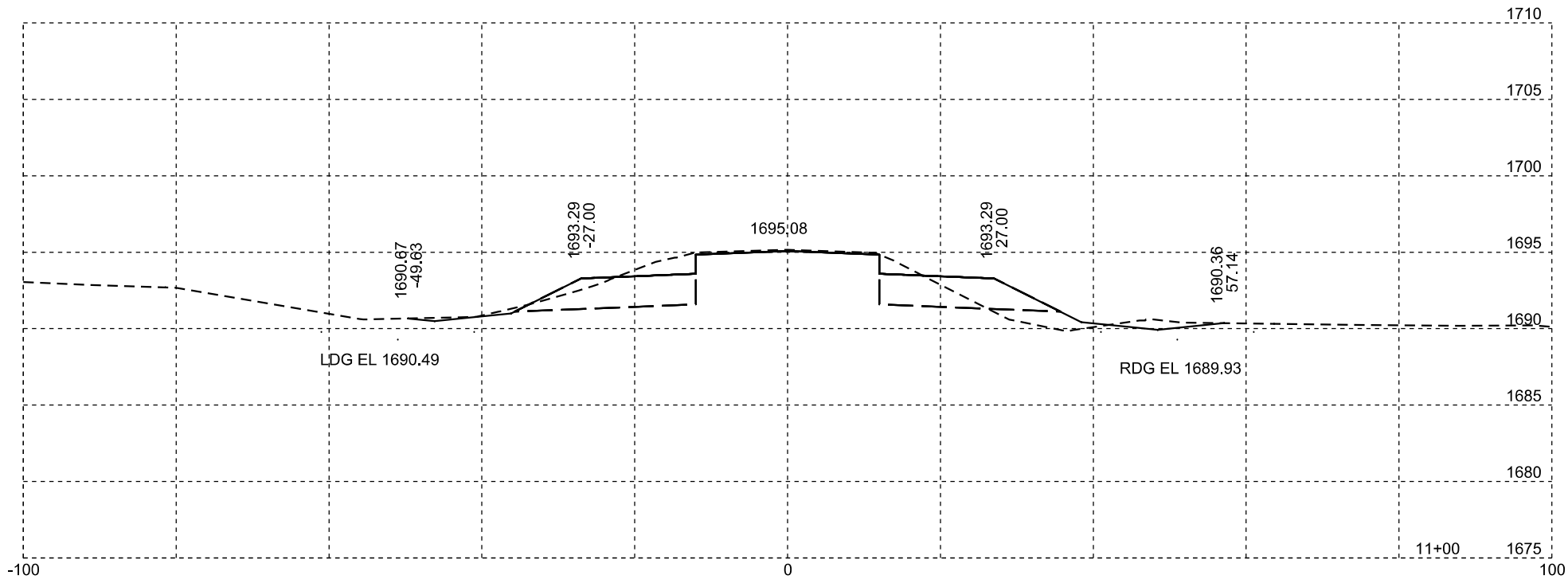
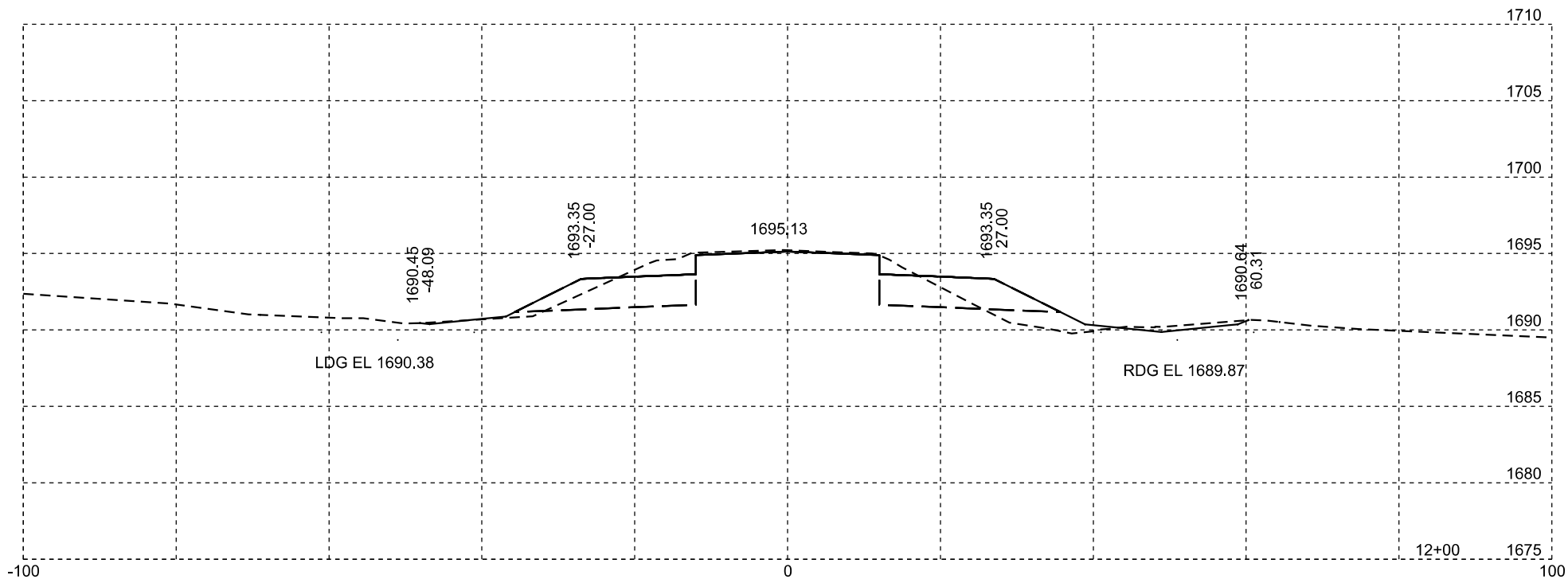
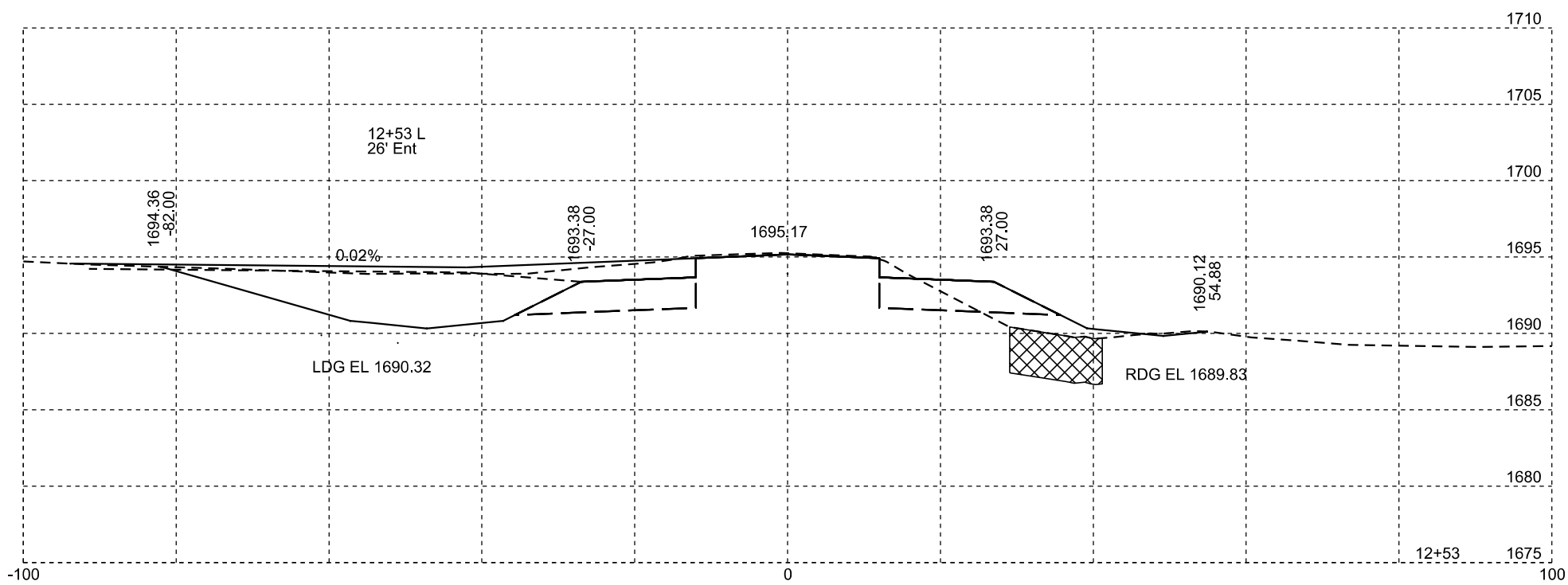
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X103	X110



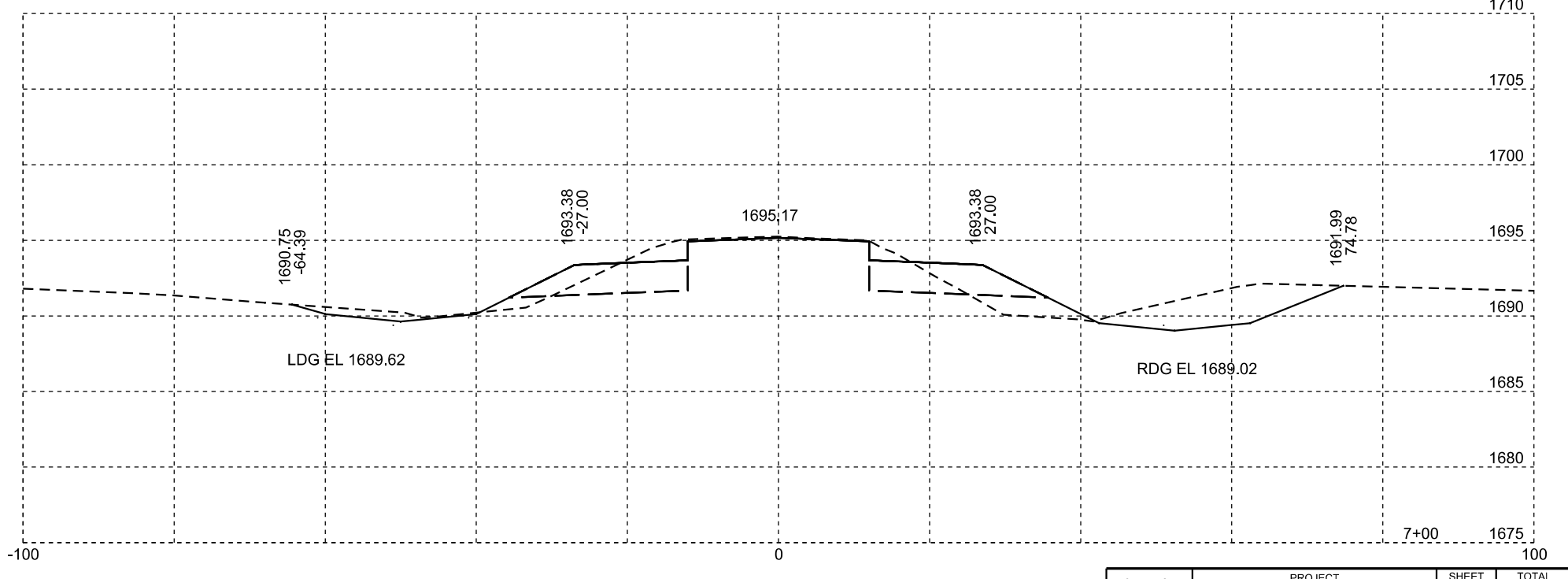
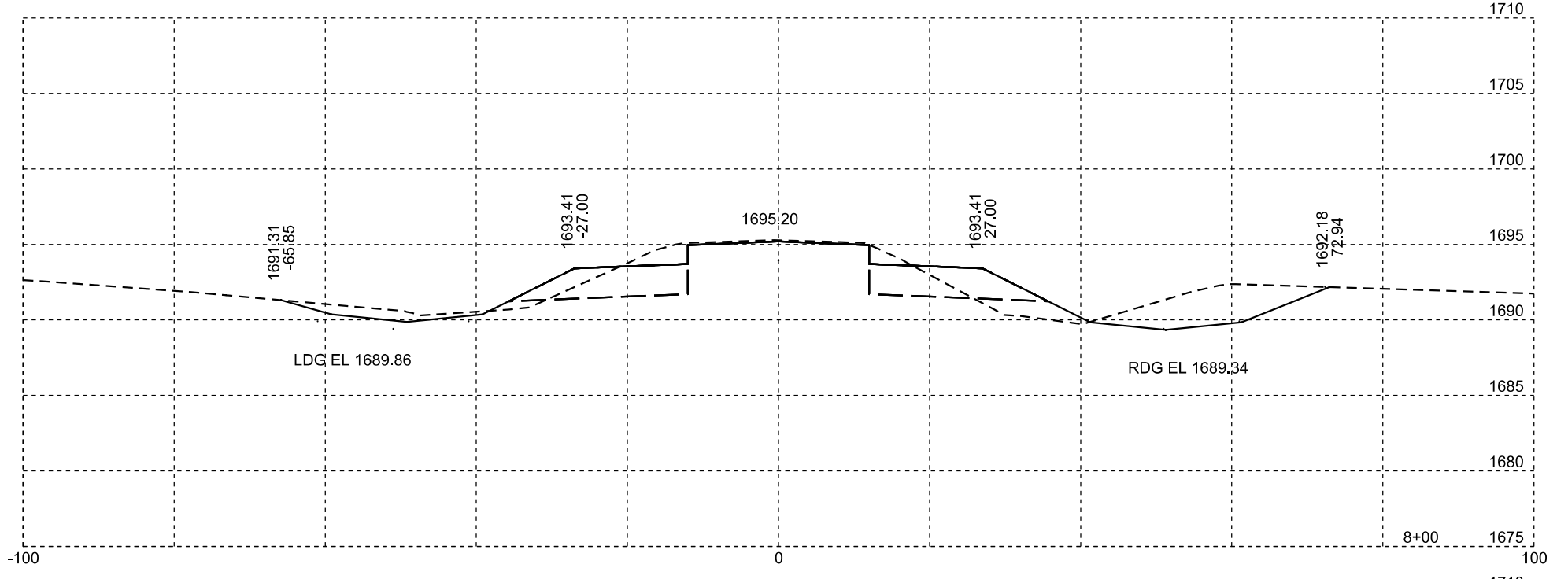
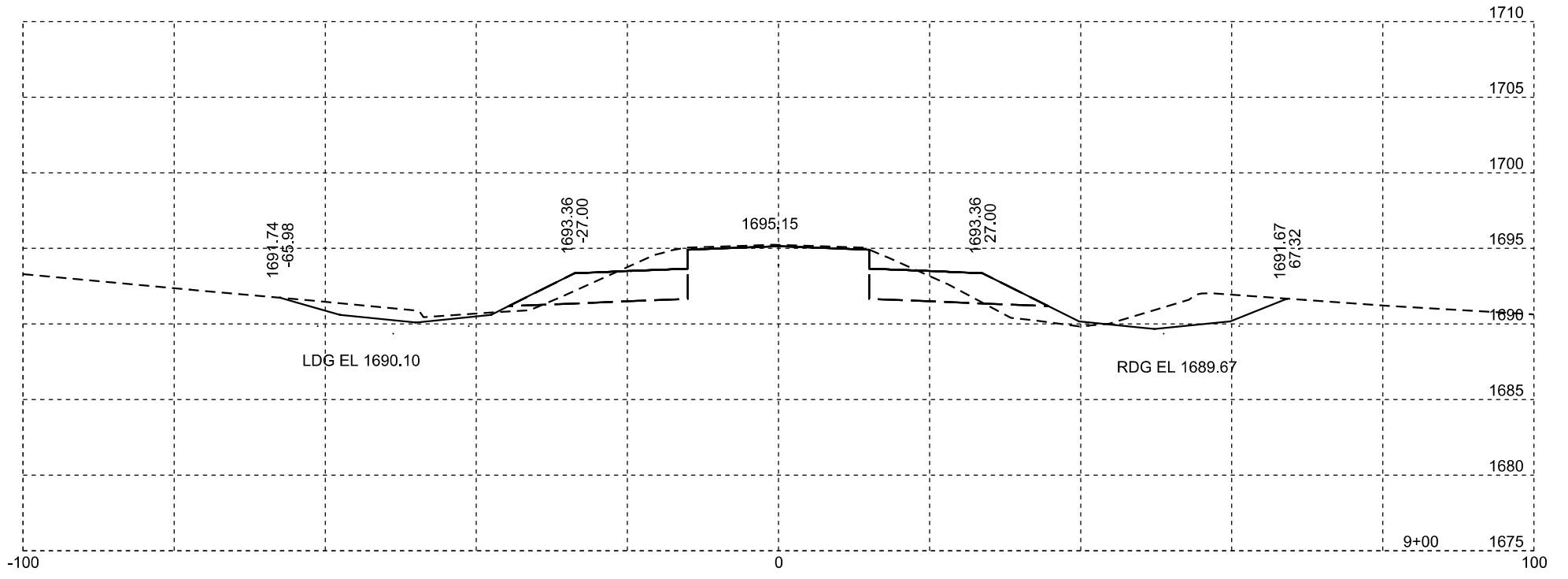
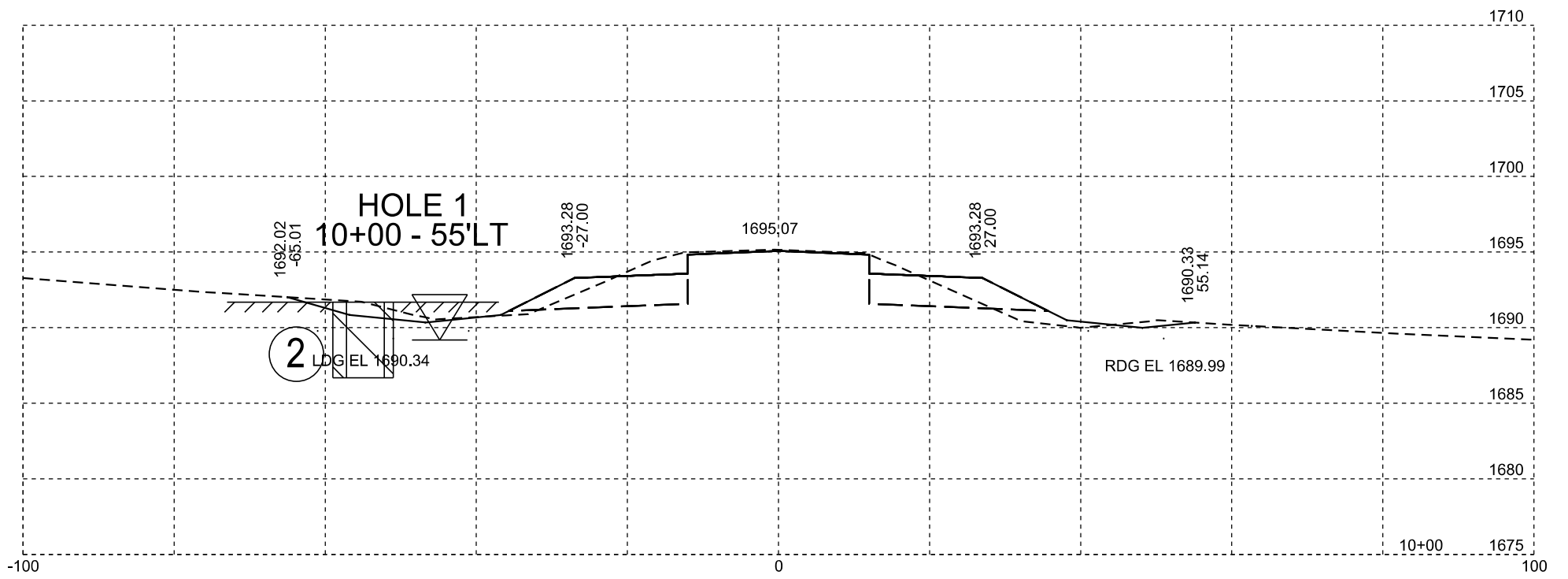
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X104	X110



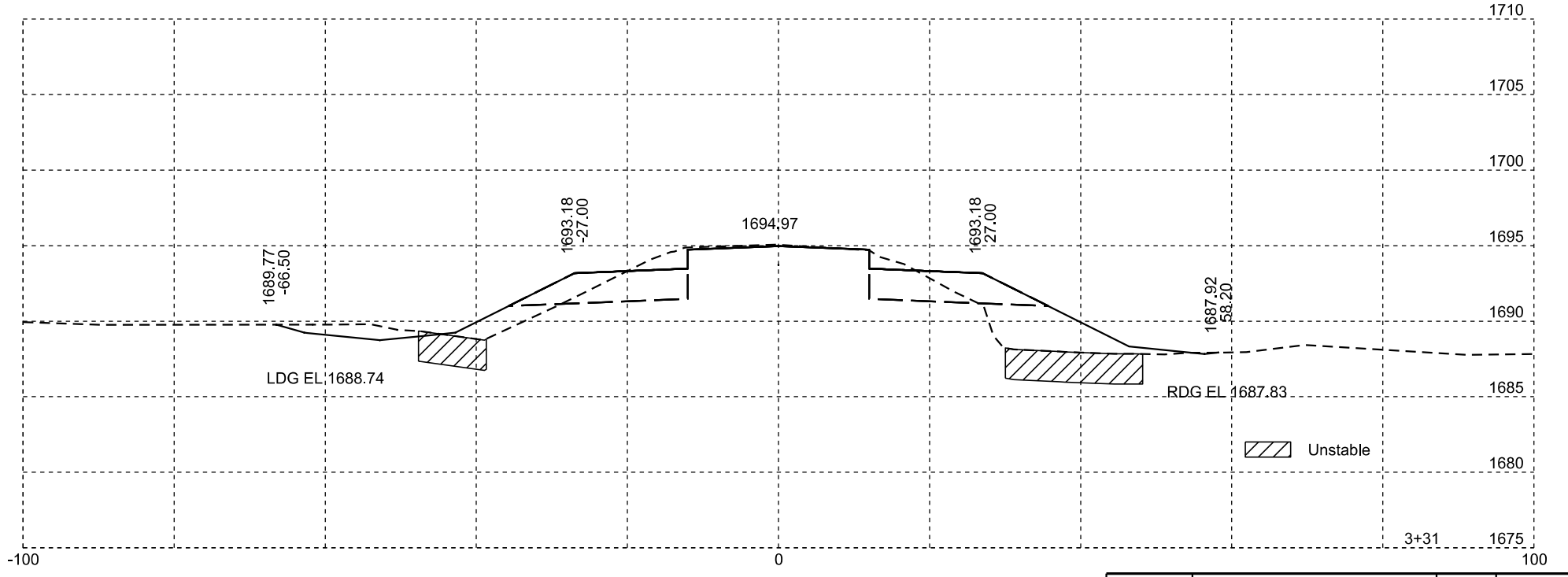
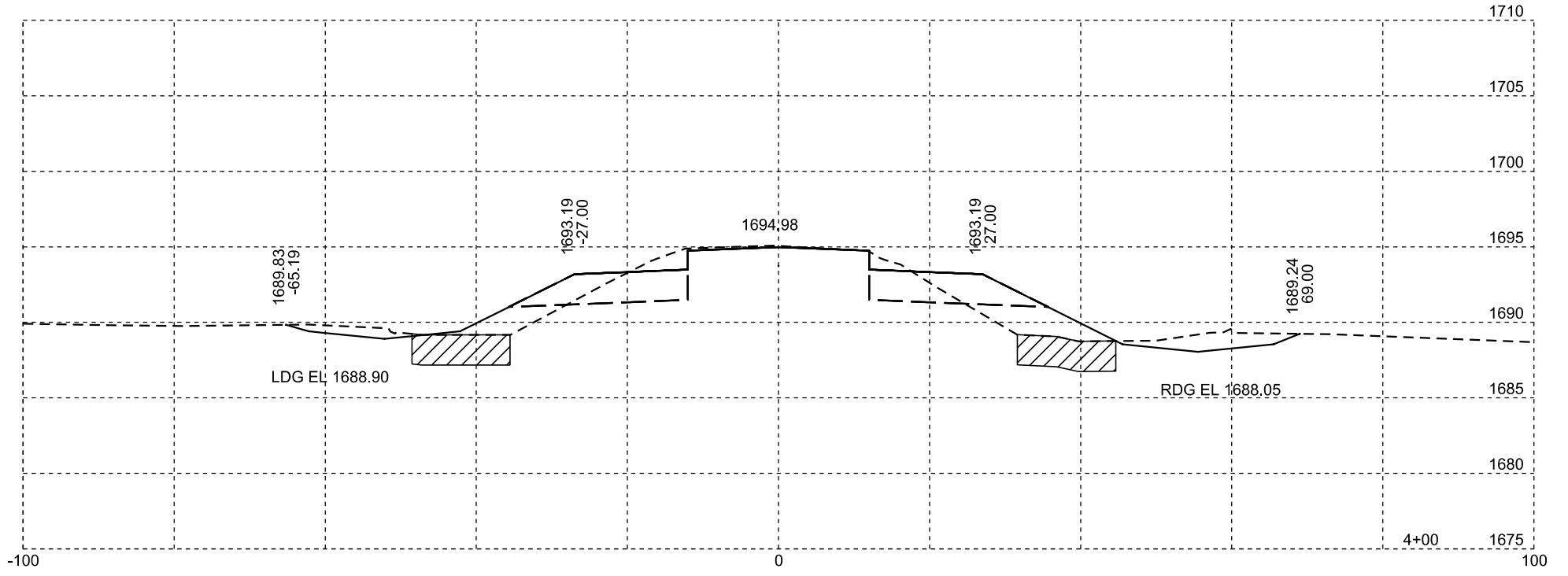
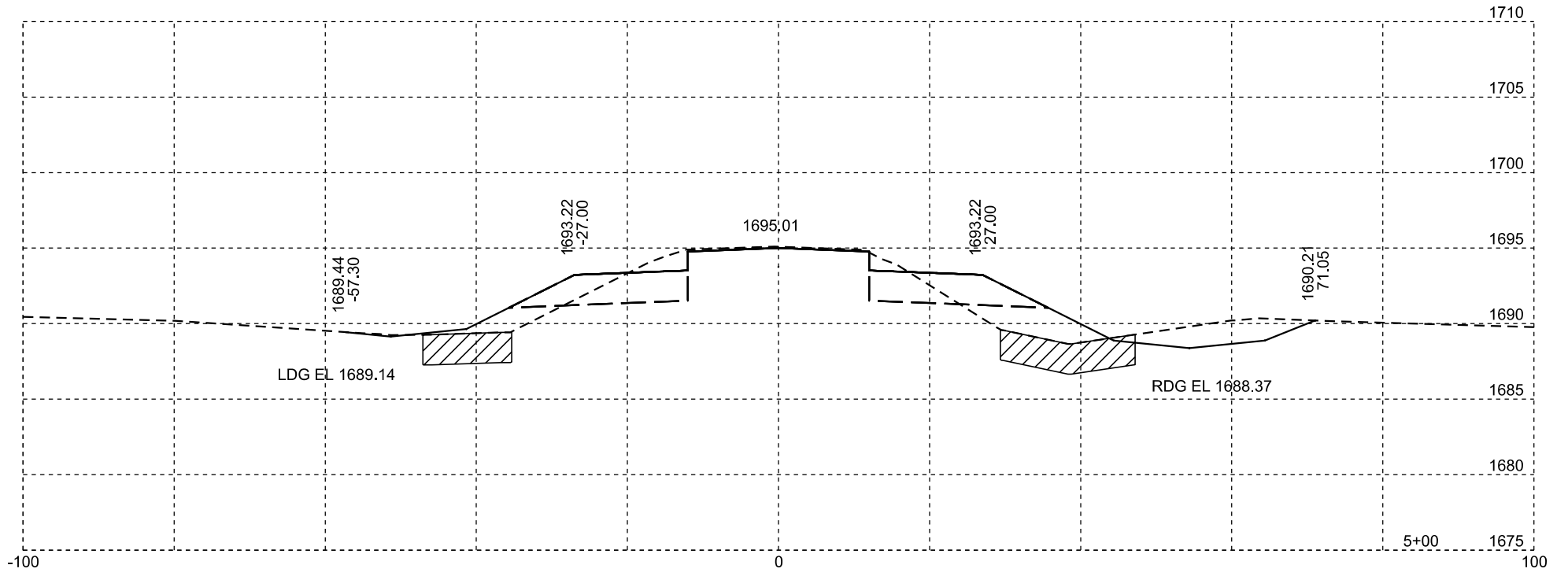
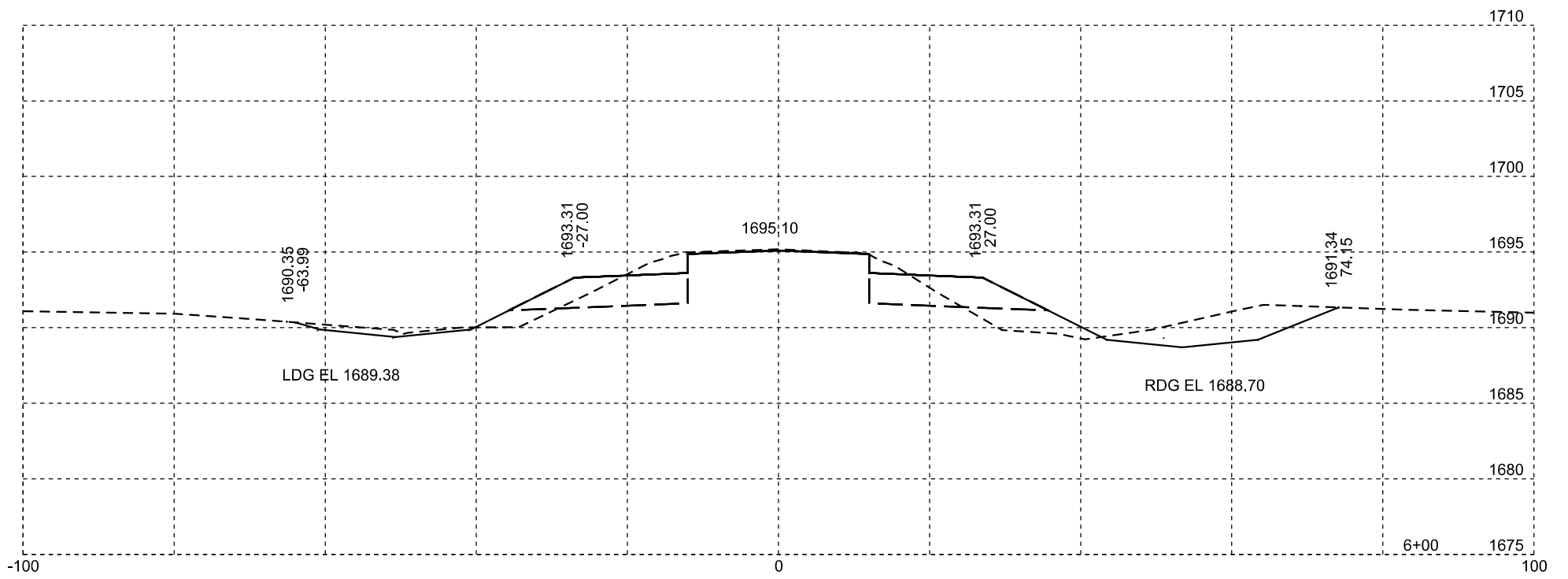
Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X105	X110



Plotting Date: 04/15/2024

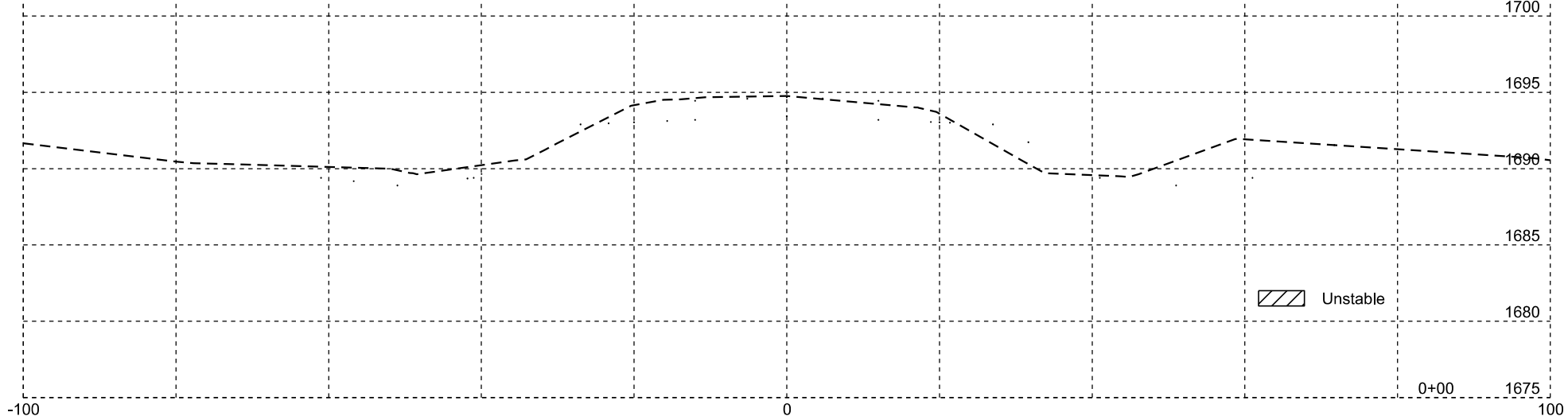
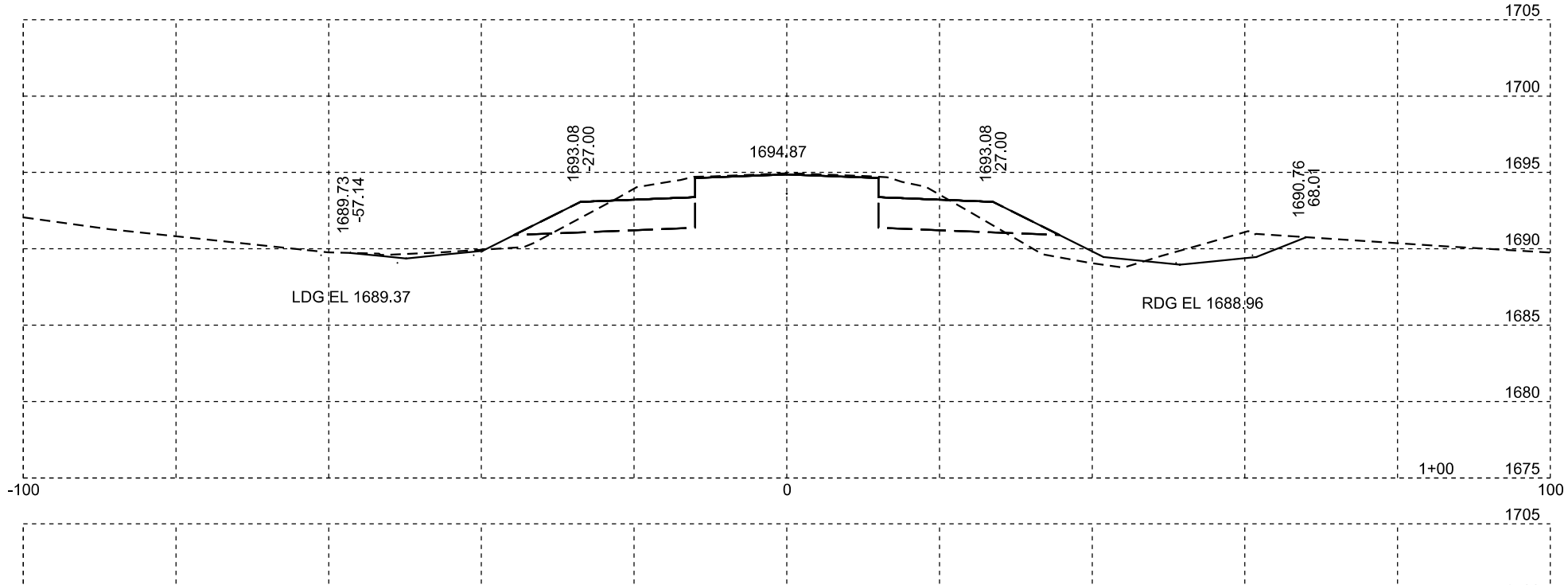
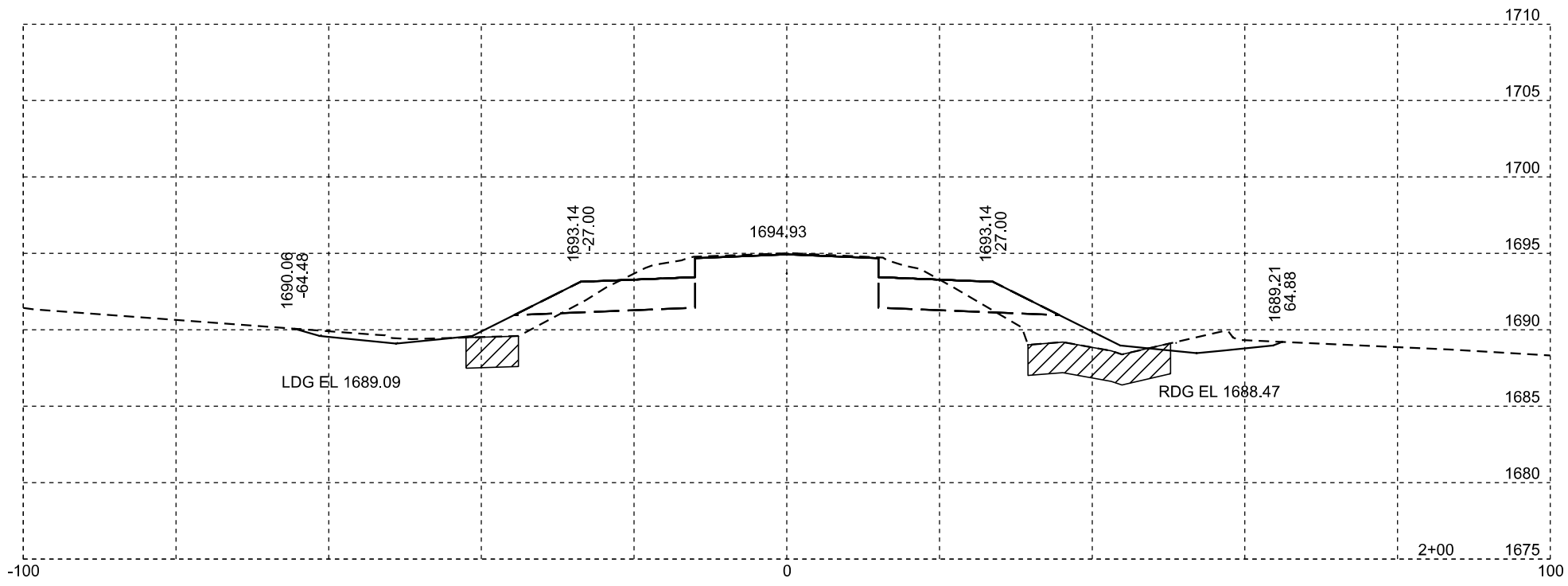
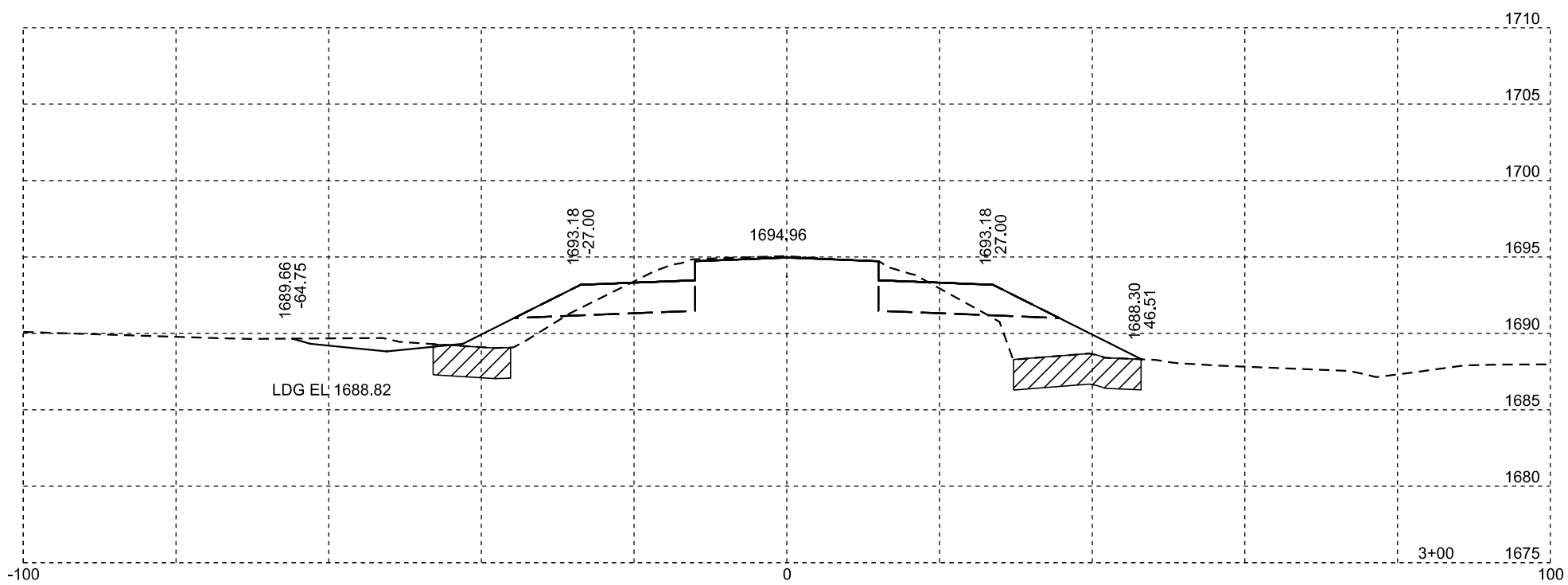
STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X106	X110



Unstable

Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X107	X110

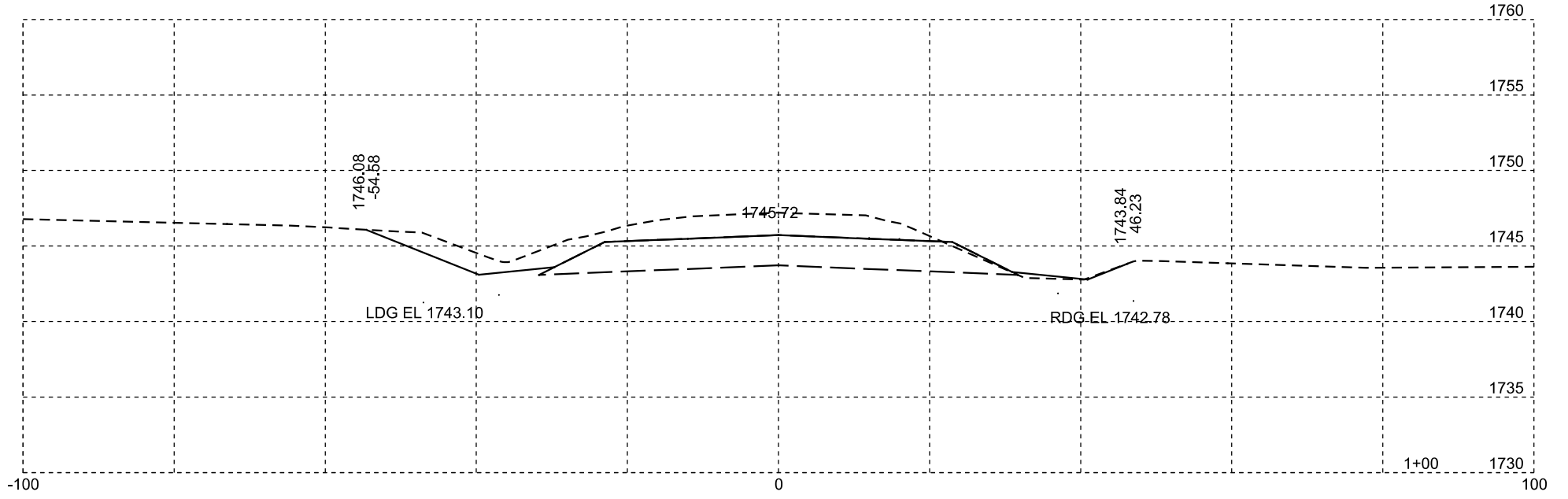
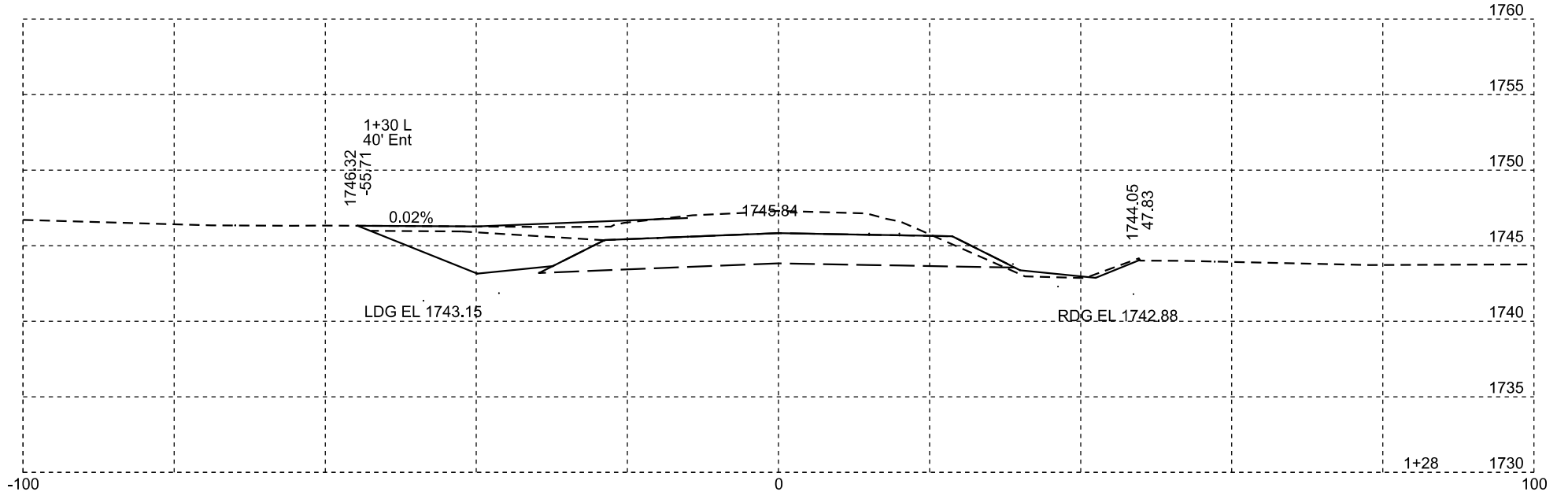
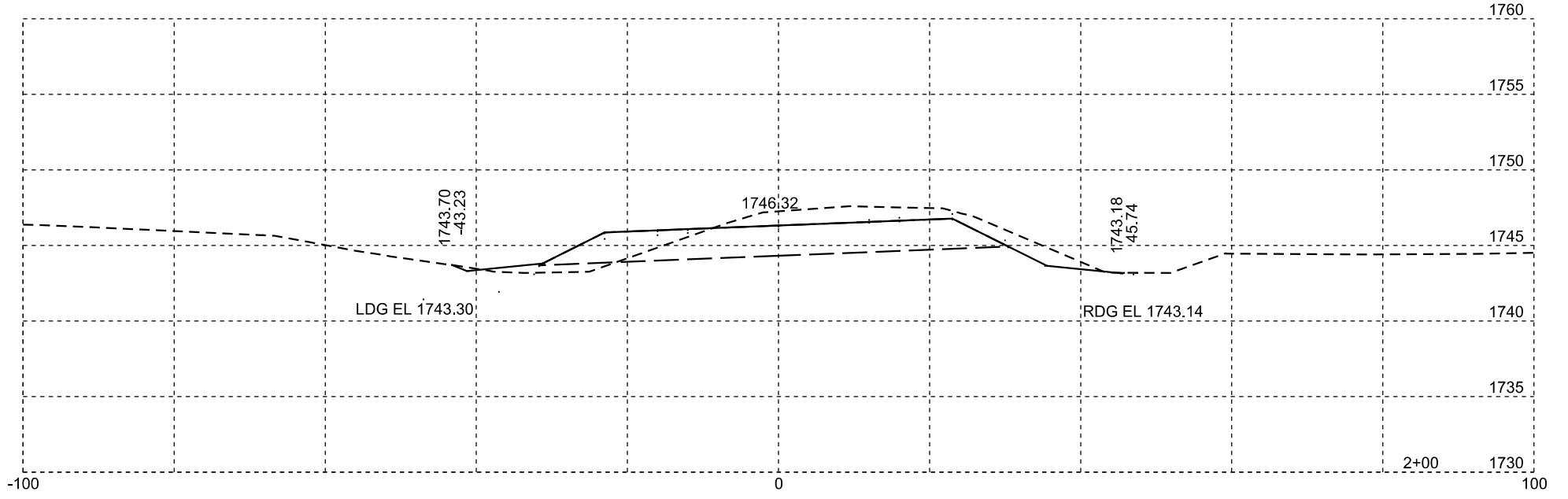


Unstable

Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X108	X110

xr259 Cross Sections

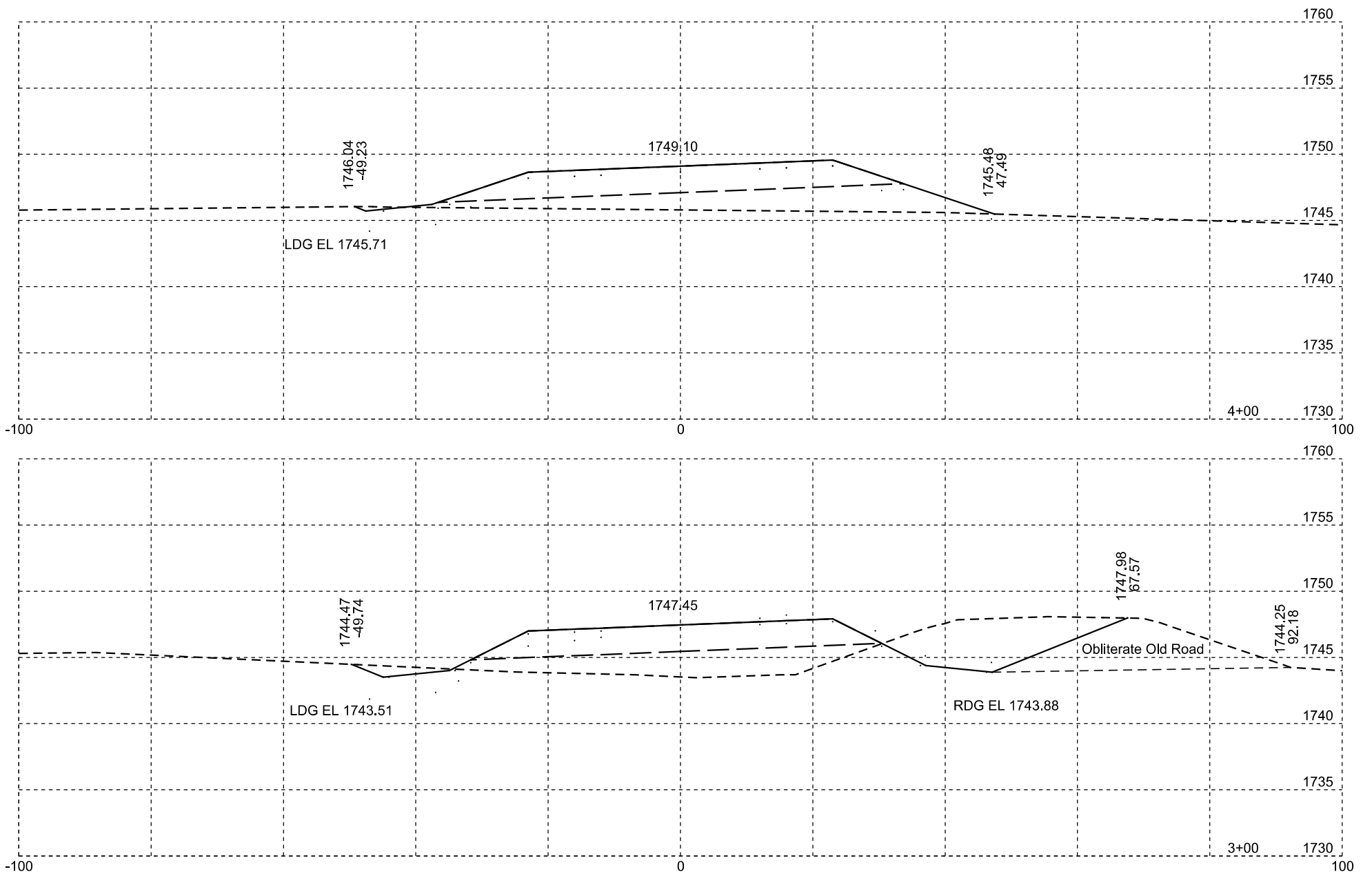


xr259 Cross Sections

Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X109	X110

xr259 Cross Sections



xr259 Cross Sections

Plotting Date: 04/15/2024

STATE OF SOUTH DAKOTA	PROJECT	SHEET NO.	TOTAL SHEETS
	P-PH-B-PP 0013(49)121	X110	X110