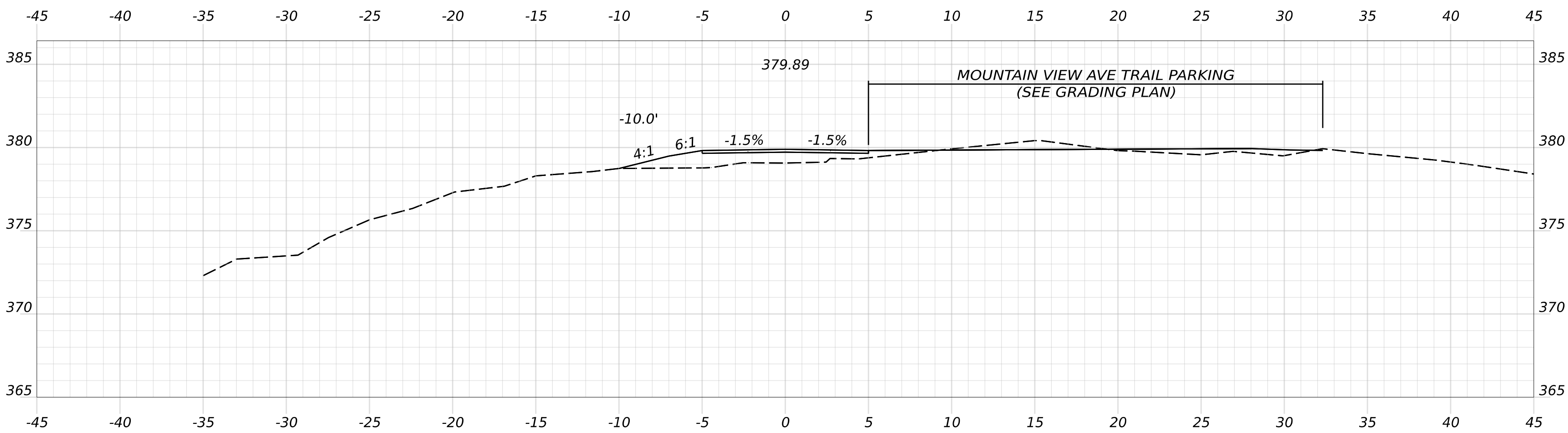
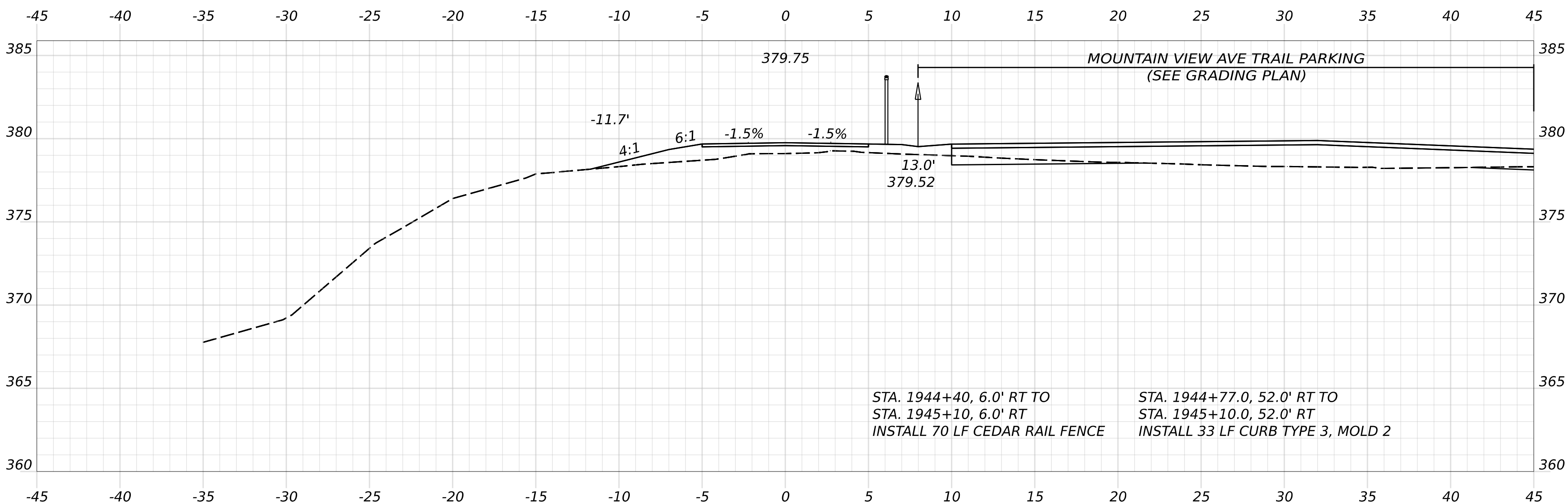
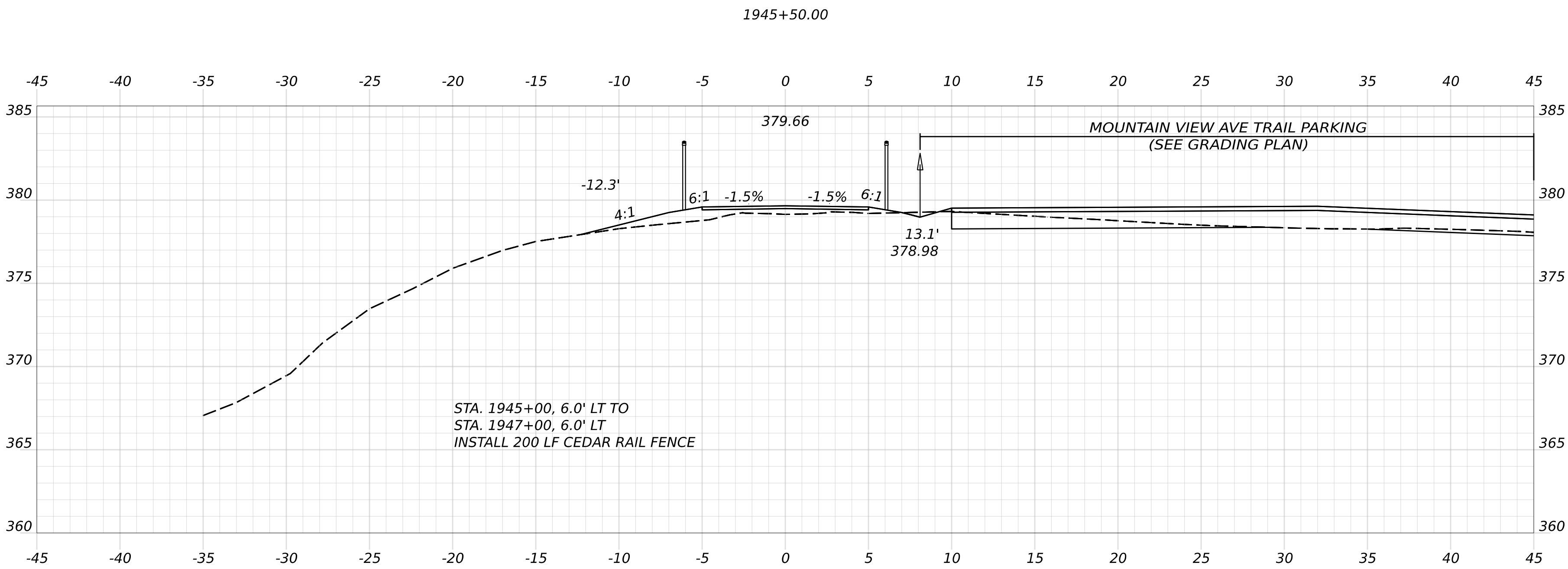


Filename: Cross Sections_(MDT_Section 1).dgn



STA. 1944+00
BEGIN PROJECT WIN 26858.10
BEGIN MOUNTAIN DIVISION
TRAIL CONSTRUCTION

STA. 1943+50
LIMIT OF WORK

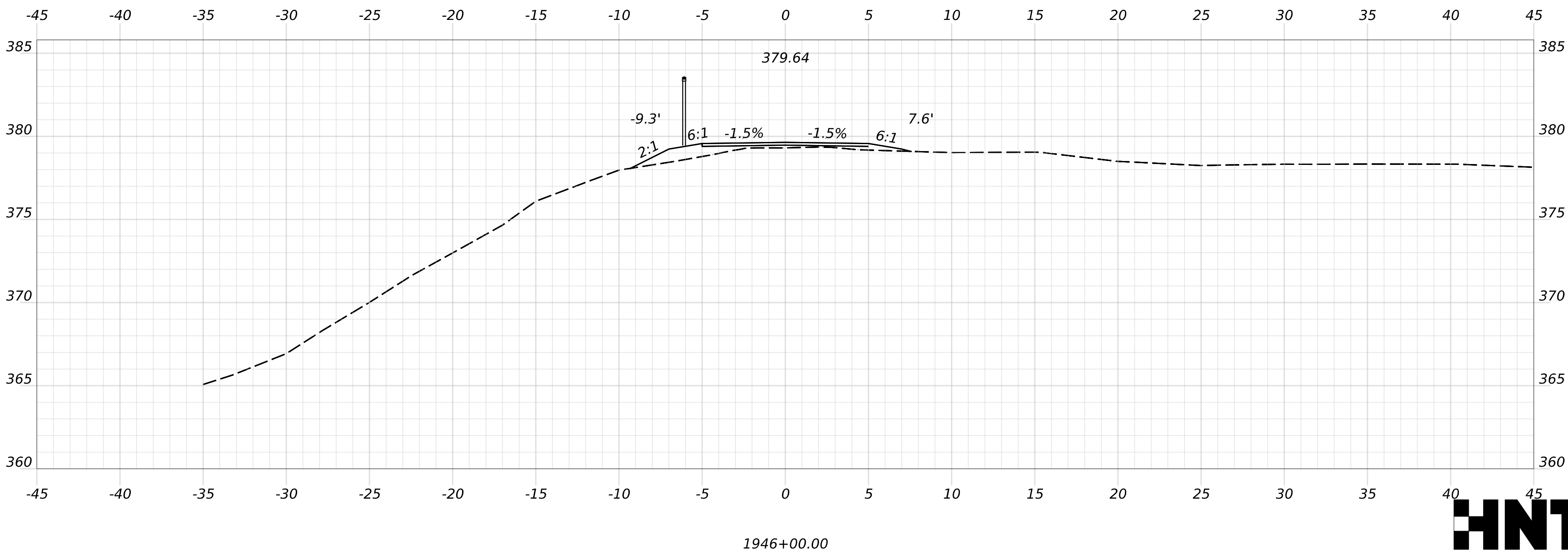
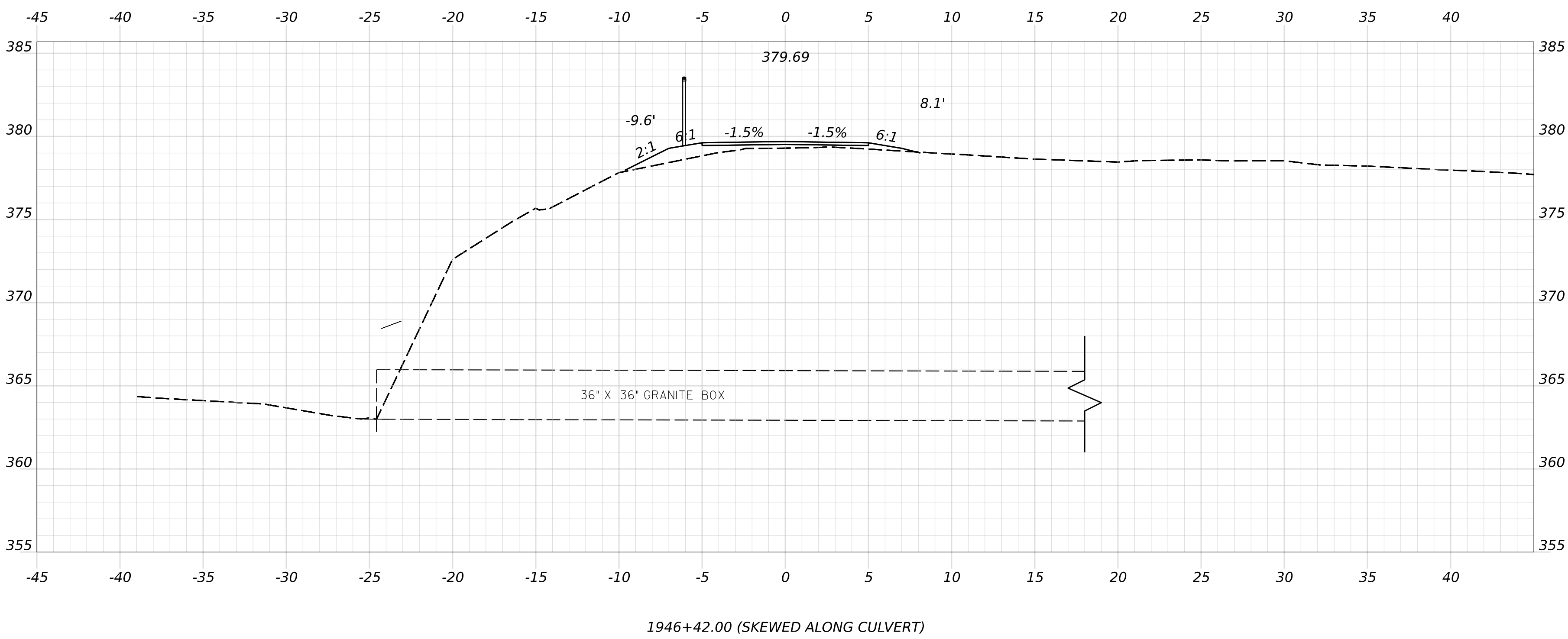
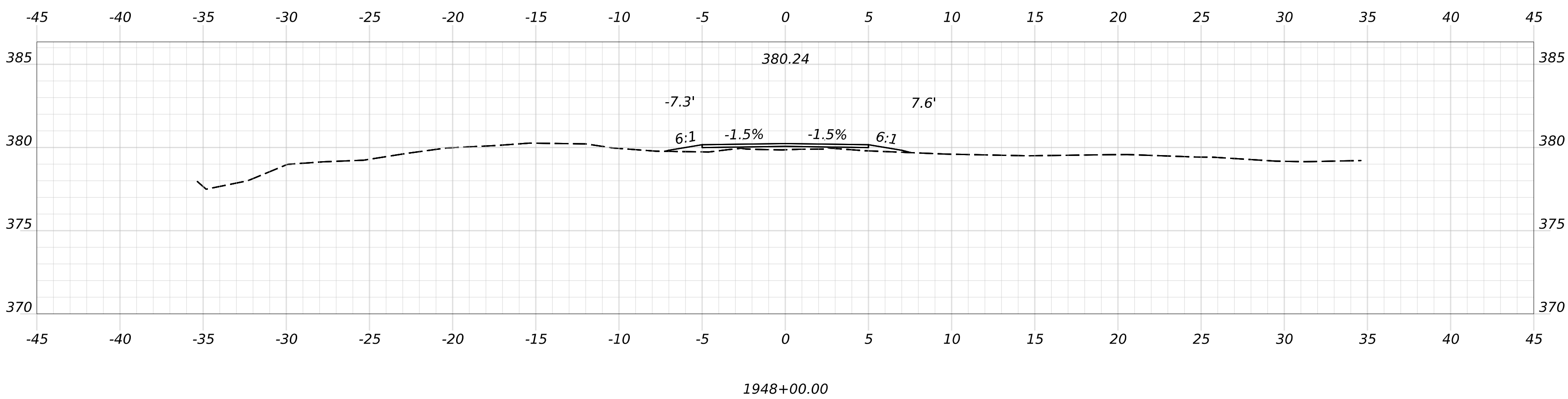
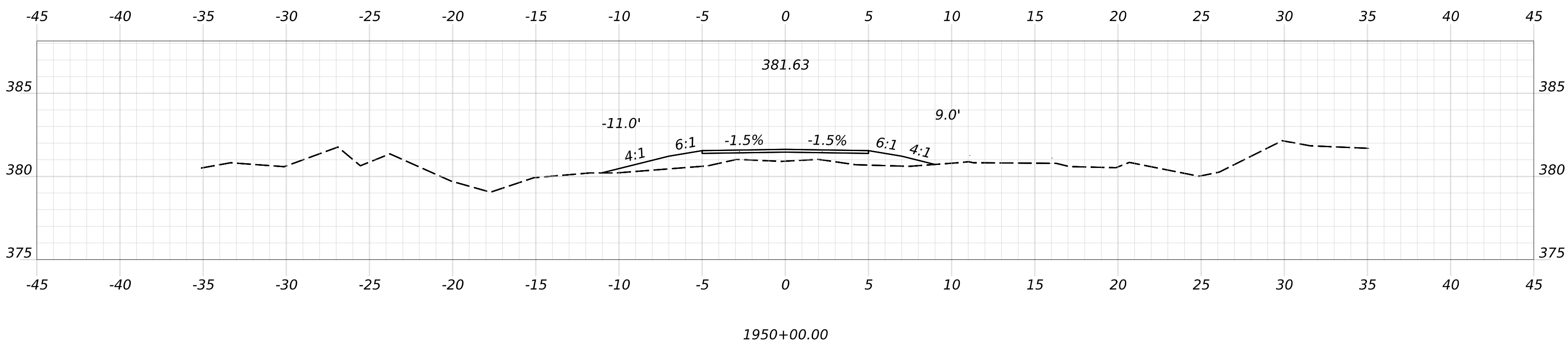


PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26
CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
P.E. NUMBER
DATE

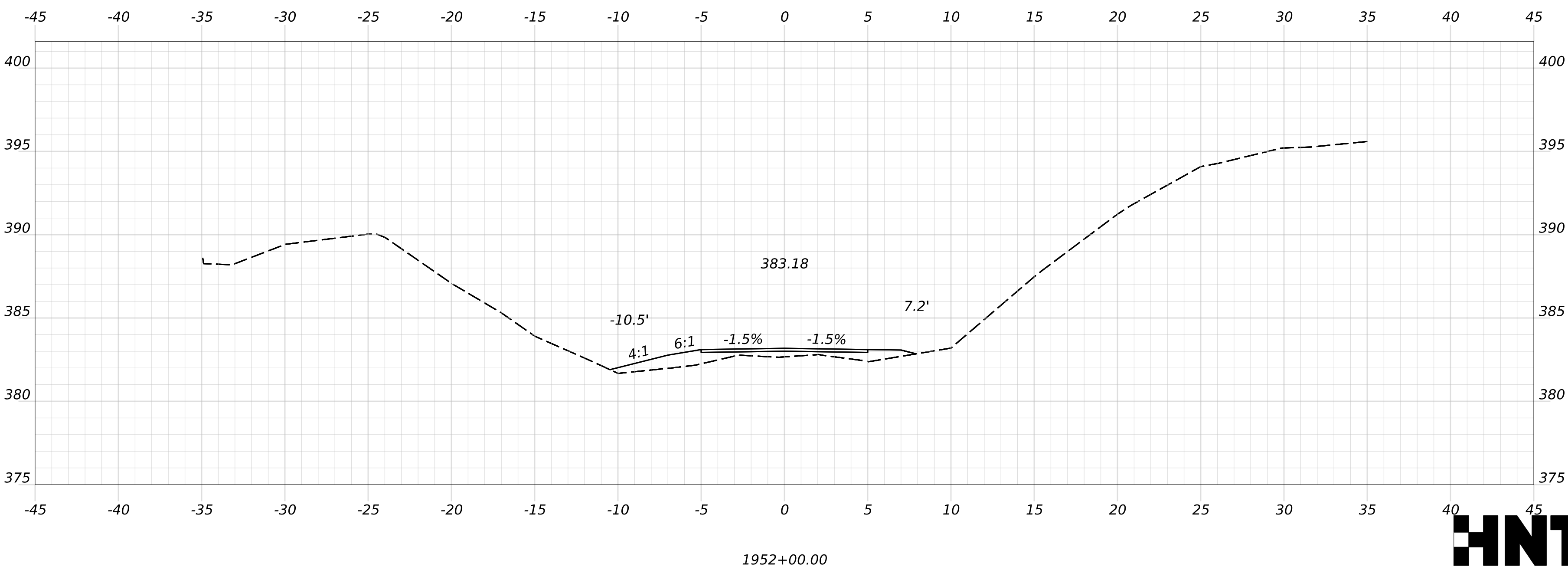
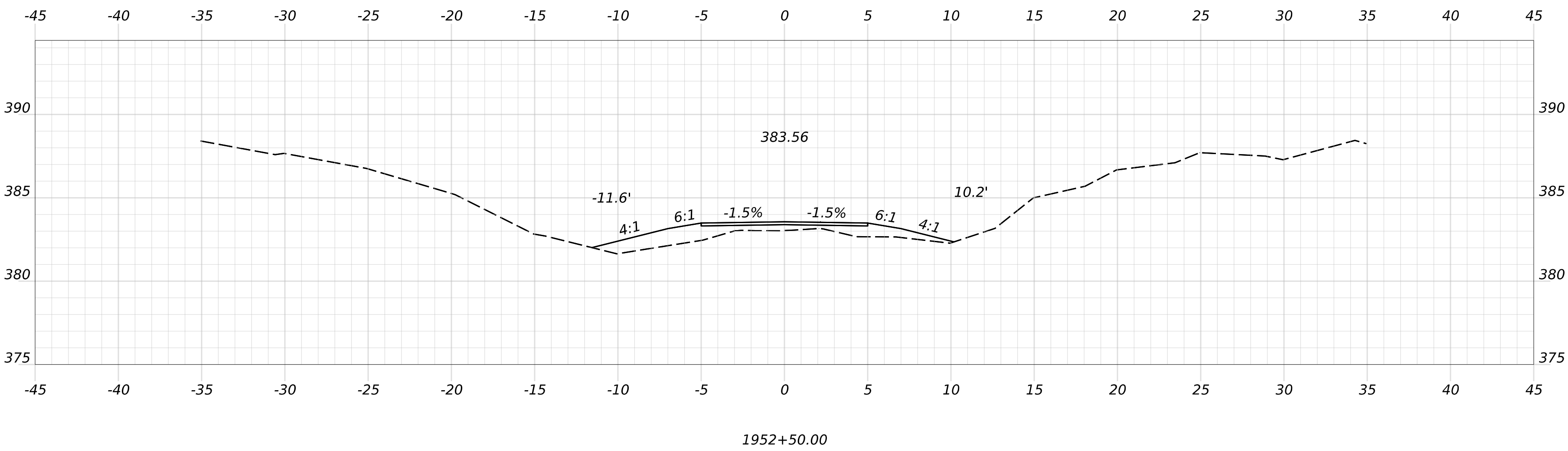
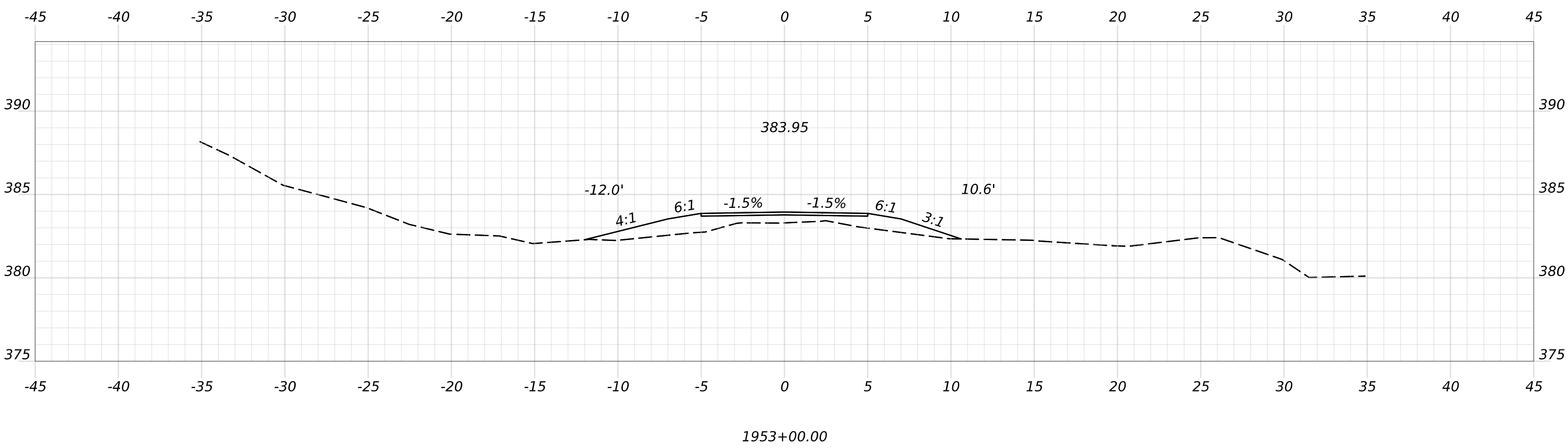
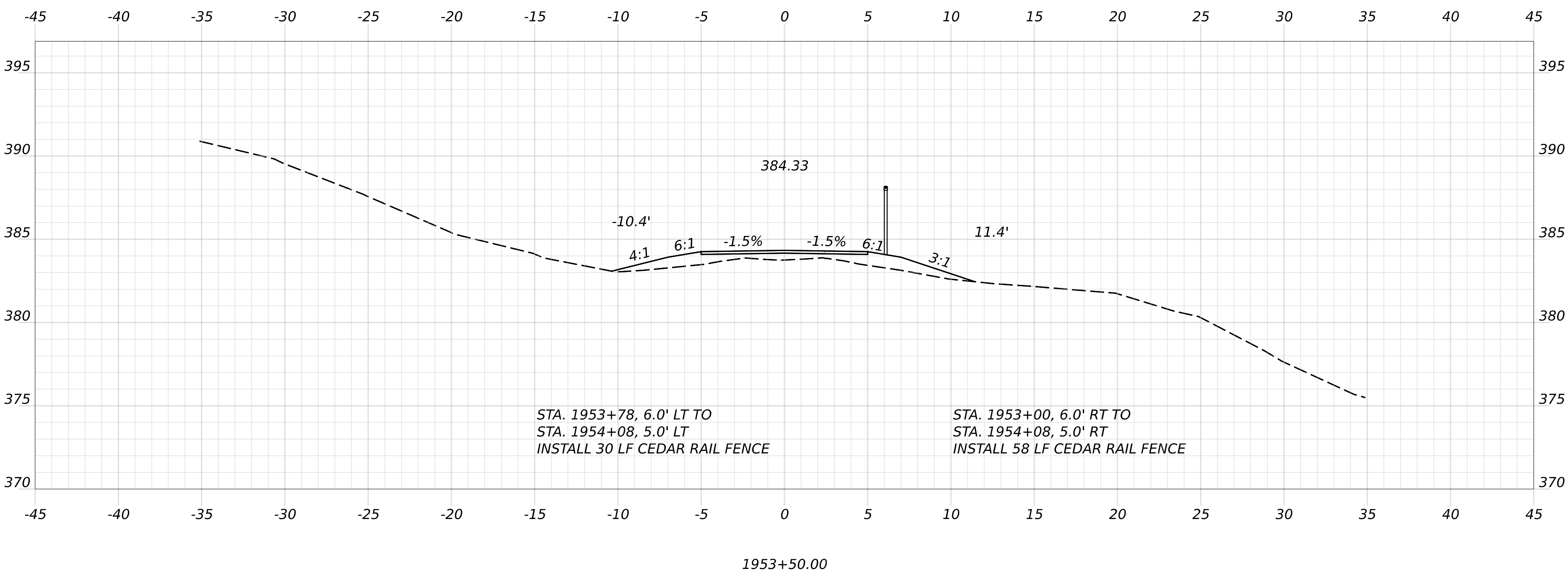
STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
2685810	
WIN 26858.10	HIGHWAY PLANS

Filename: Cross Sections_(MDT_Section 1).dgn



OF 236	SHEET NUMBER	HIRAM, BROWNFIELD, FRYEBURG MOUNTAIN DIVISION TRAIL	PROJ. MANAGER	D. LORING	BY	DATE	SIGNATURE	STATE OF MAINE		
			DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26		DEPARTMENT OF TRANSPORTATION		
			CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26				
			DESIGN2-DETAILED2							
			DESIGN3-DETAILED3							
		CROSS SECTIONS			REVISIONS 1			P.E. NUMBER	2685810	
					REVISIONS 2					
					REVISIONS 3					
					REVISIONS 4					
					FIELD CHANGES				DATE	WIN 26858.10 HIGHWAY PLANS

Filename: Cross Sections_(MDT_Section 1).dgn

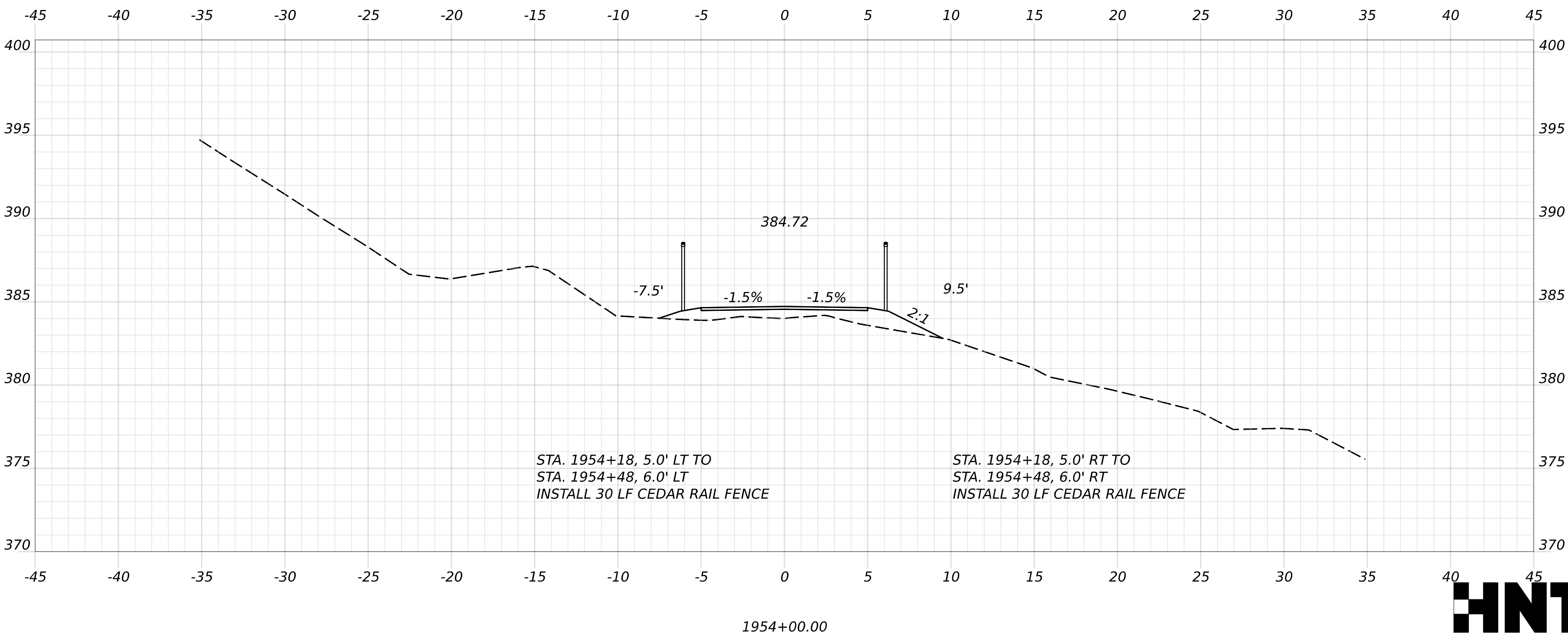
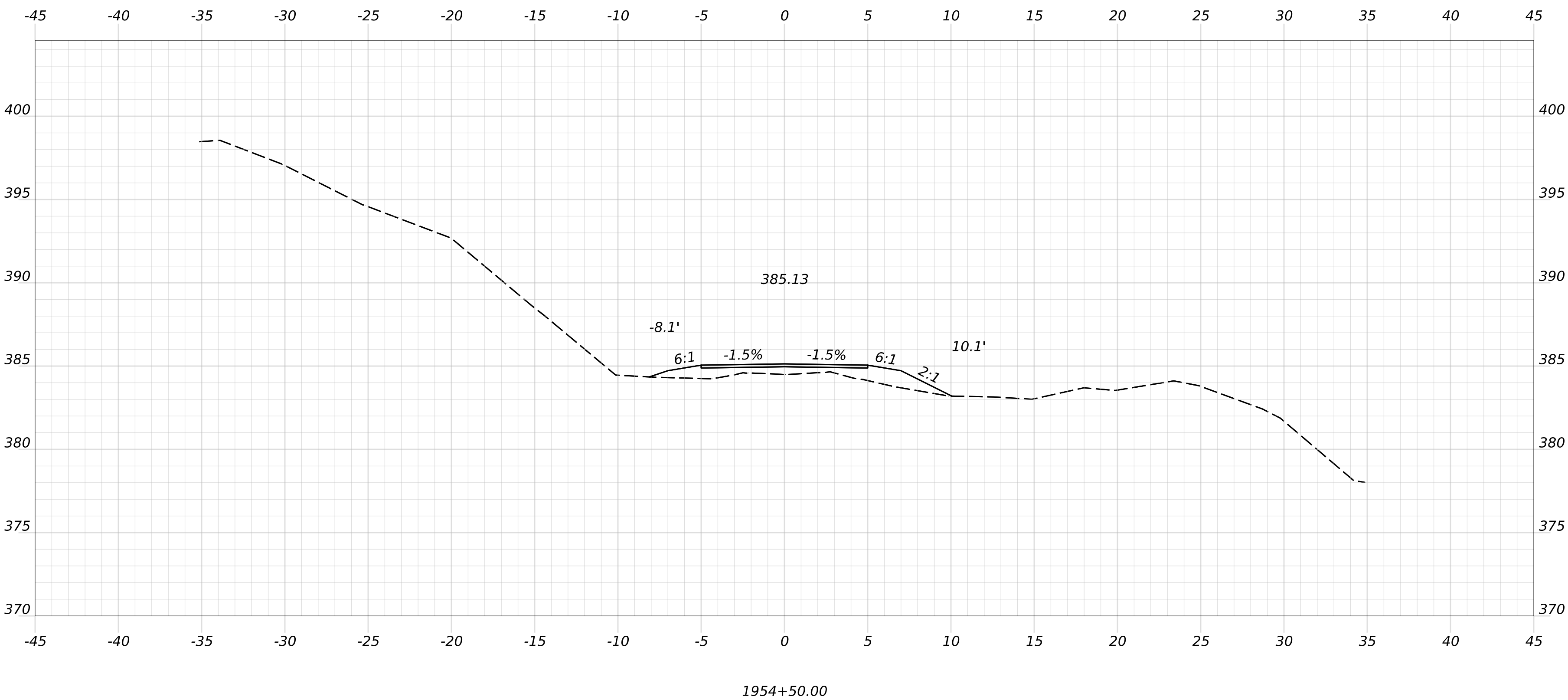
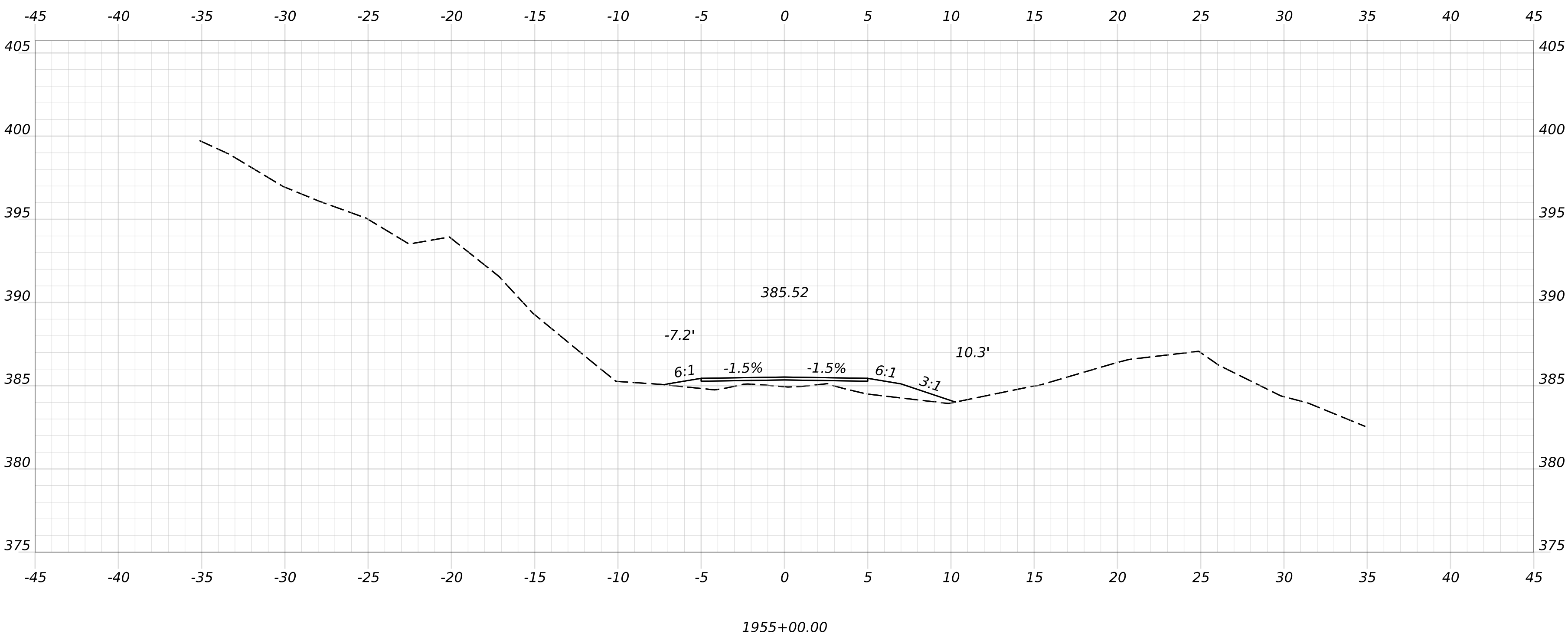


PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26
CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26
DESIGN-DETAILED2			
DESIGN-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
P.E. NUMBER
DATE

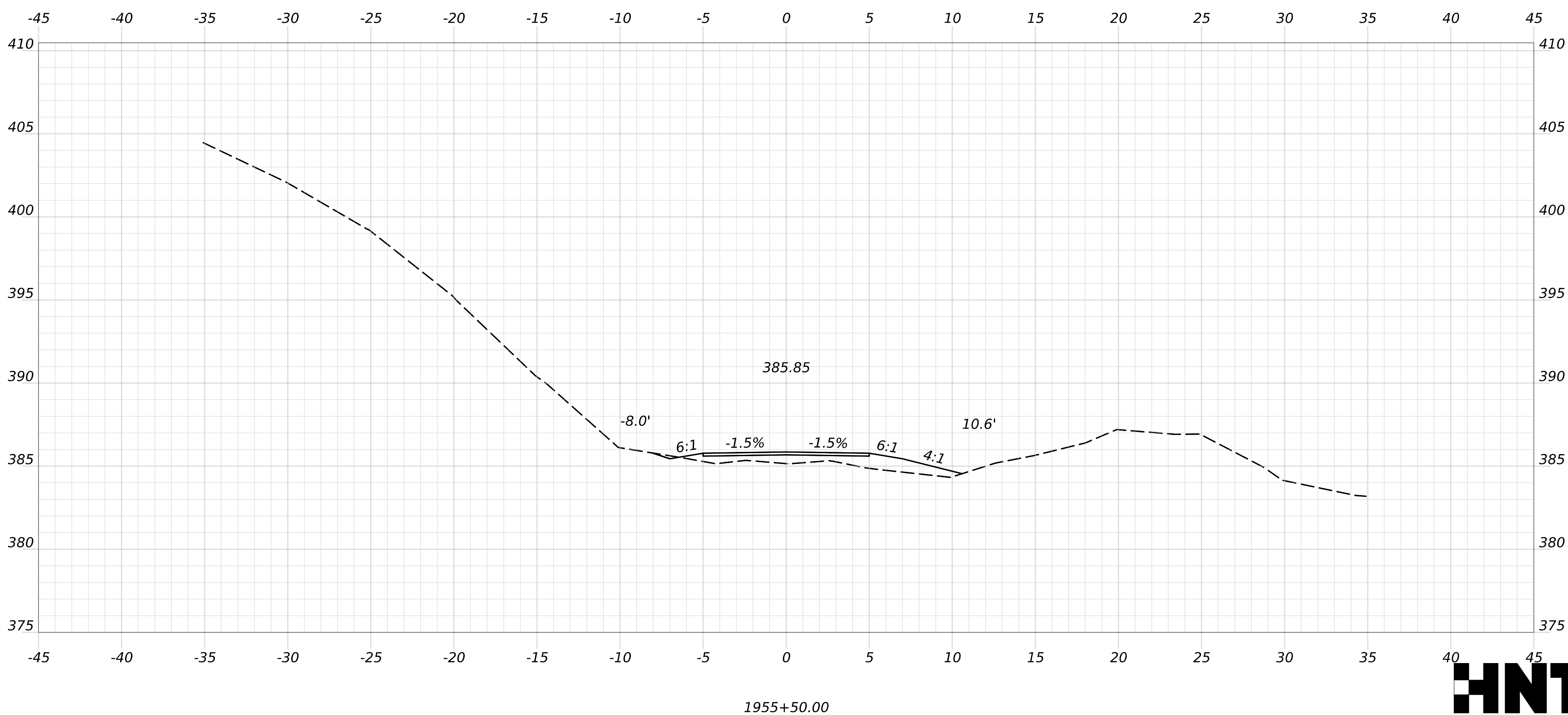
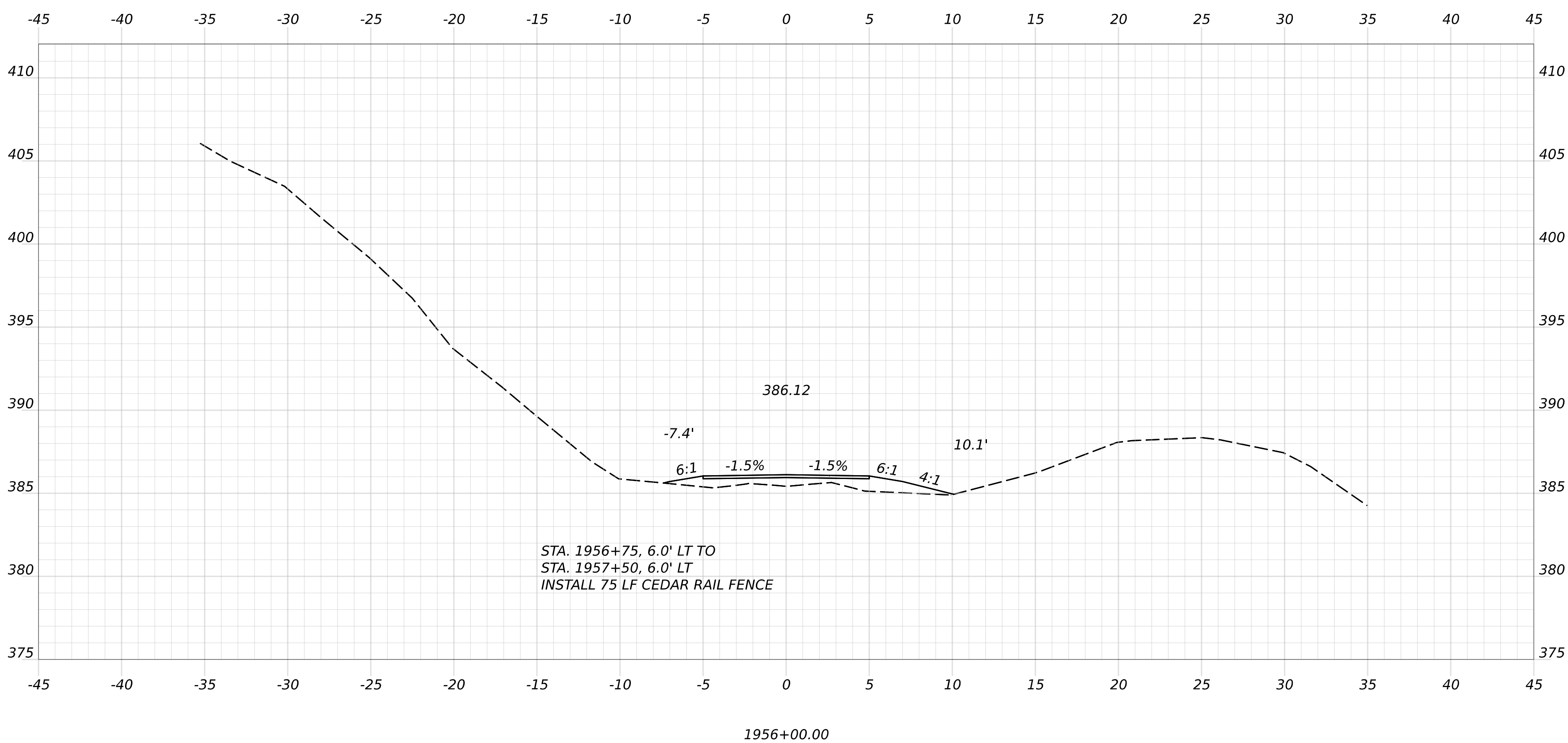
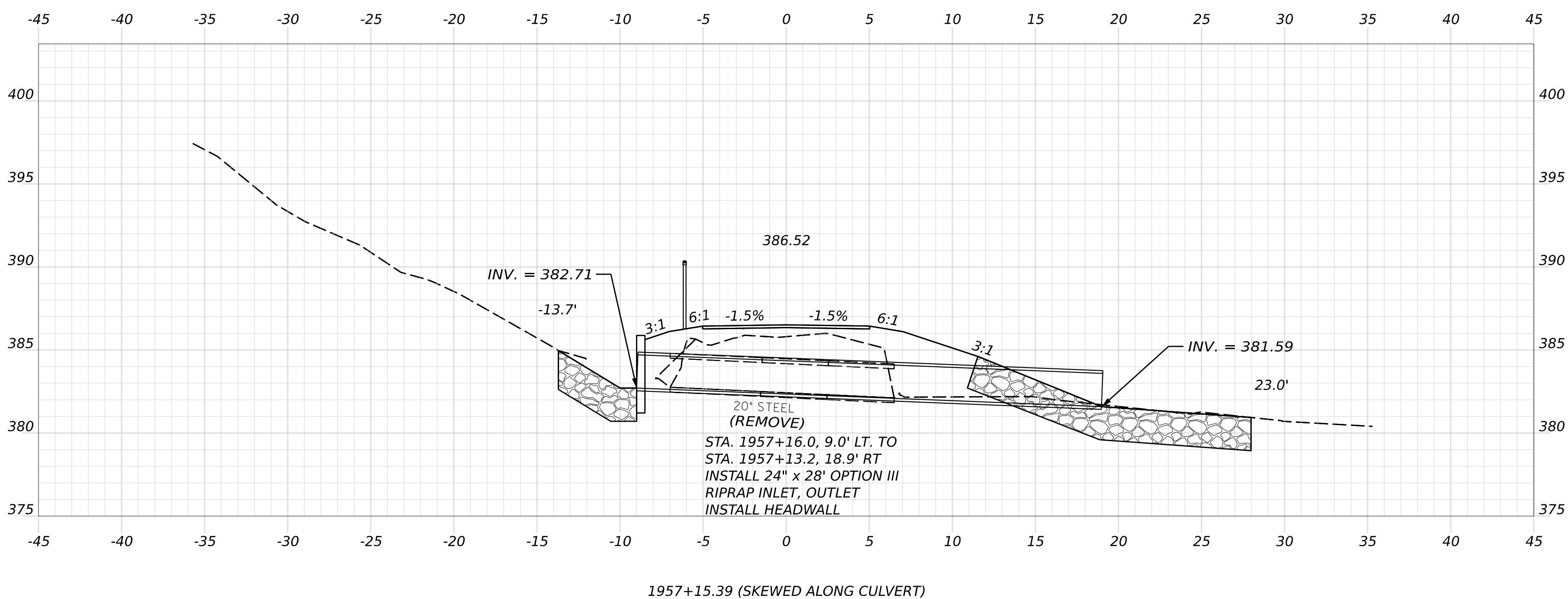
STATE OF MAINE DEPARTMENT OF TRANSPORTATION
2685810
WIN 26858.10
HIGHWAY PLANS

Filename: Cross Sections_(MDT_Section 1).dgn



HNTB

OF 236	SHEET NUMBER	HIRAM, BROWNFIELD, FRYEBURG MOUNTAIN DIVISION TRAIL	PROJ. MANAGER		D. LORING	BY	DATE	SIGNATURE	STATE OF MAINE	
			DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26	DEPARTMENT OF TRANSPORTATION			
			CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26				
			DESIGN2-DETAILED2							
		DESIGN3-DETAILED3				P.E. NUMBER	2685810			
		REVISIONS 1				DATE				
		REVISIONS 2								
		REVISIONS 3								
		REVISIONS 4								
		FIELD CHANGES								
		CROSS SECTIONS								



HNTB

OF 236	110	SHEET NUMBER	HIRAM, BROWNFIELD, FRYEBURG MOUNTAIN DIVISION TRAIL			PROJ. MANAGER		D. LORING		BY		DATE		STATE OF MAINE DEPARTMENT OF TRANSPORTATION 2685810 WIN 26858.10 HIGHWAY PLANS
						DESIGN-DETAILED1		E. KELSEY		09/26		SIGNATURE		
			CHECKED-REVIEWED1		C. HELMICK		L. ZACCHINI		09/26		P.E. NUMBER			
			DESIGN-DETAILED2						DATE					
			DESIGN-DETAILED3											
			REVISIONS 1											
			REVISIONS 2											
			REVISIONS 3											
			REVISIONS 4											
			FIELD CHANGES											
CROSS SECTIONS														

Profile view of the proposed 100' wide section of the Cedar River Bridge. The chart shows elevation (370 to 395 feet) versus stationing (-45 to 45). Key features include:

- STA. 1962+00, 6.0' LT TO STA. 1965+00, 6.0' LT
INSTALL 300 LF CEDAR RAIL FENCE
- STA. 1962+00, 6.0' RT TO STA. 1969+50, 6.0' RT
INSTALL 750 LF CEDAR RAIL FENCE
- Central section with a -1.5% grade and a 385.05' elevation.
- Section with a 6.1' vertical curve and a 6.1' horizontal offset.

The diagram illustrates a road cross-section with the following details:

- Horizontal Axis (Stationing):** Ranges from -45 to 45.
- Vertical Axis (Elevation):** Ranges from 380 to 405 feet.
- Left Side Slope:** 4:1.
- Central Crown:** 9.0 feet wide, with a center elevation of 386.17 feet.
- Right Side Slope:** 6:1.
- Vertical Curve:** 7.9 feet long.
- Ground Profile:** Indicated by a dashed line.
- Road Surface:** Indicated by a solid line.

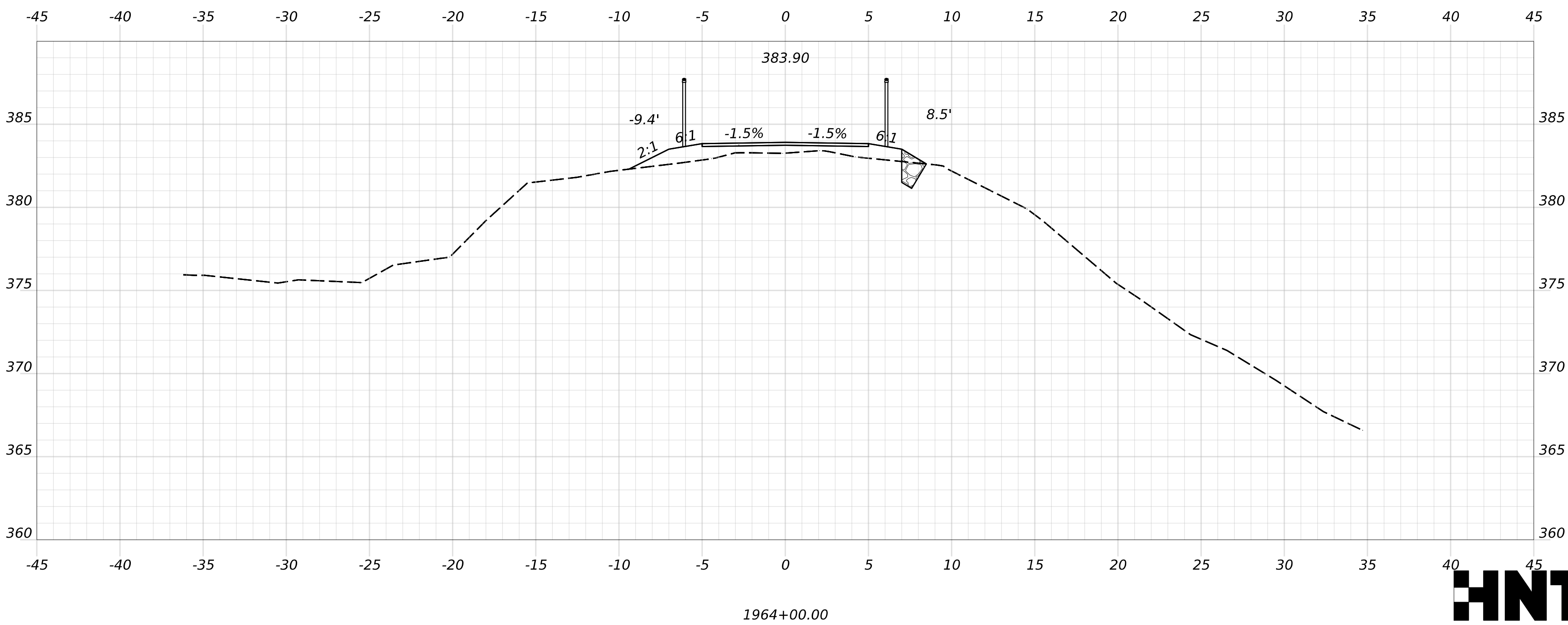
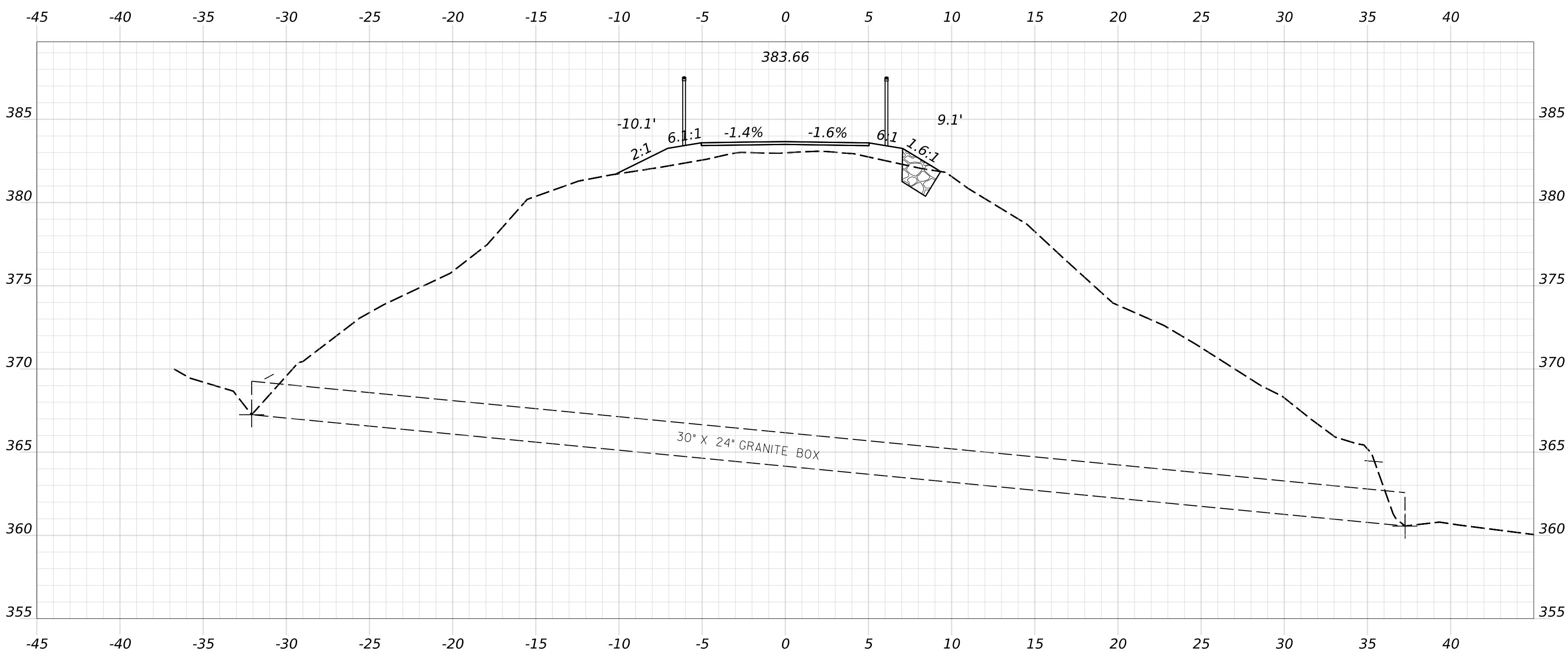
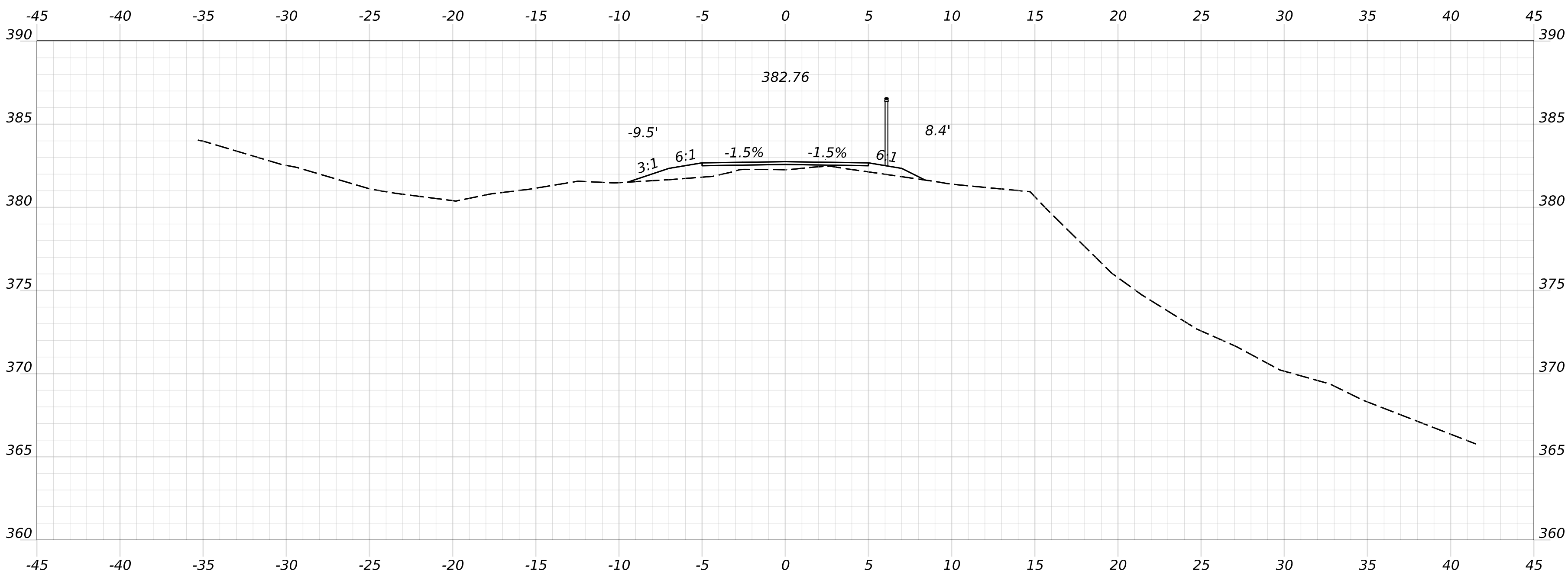
Profile view of the proposed road section. The vertical axis represents elevation in feet (380 to 405), and the horizontal axis represents stationing (-45 to 45). The profile shows a dashed line for the existing ground and a solid line for the proposed road grade. Key features include a 11.5' vertical curve, a 4:1 slope, a 6:1 slope, a 1.5% grade, a 10.6' vertical curve, and a 4:1 slope. The HNTB logo is visible in the bottom right corner.



PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26
CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE	
P.E. NUMBER	
DATE	

Filename: Cross Sections_(MDT_Section 1).dgn

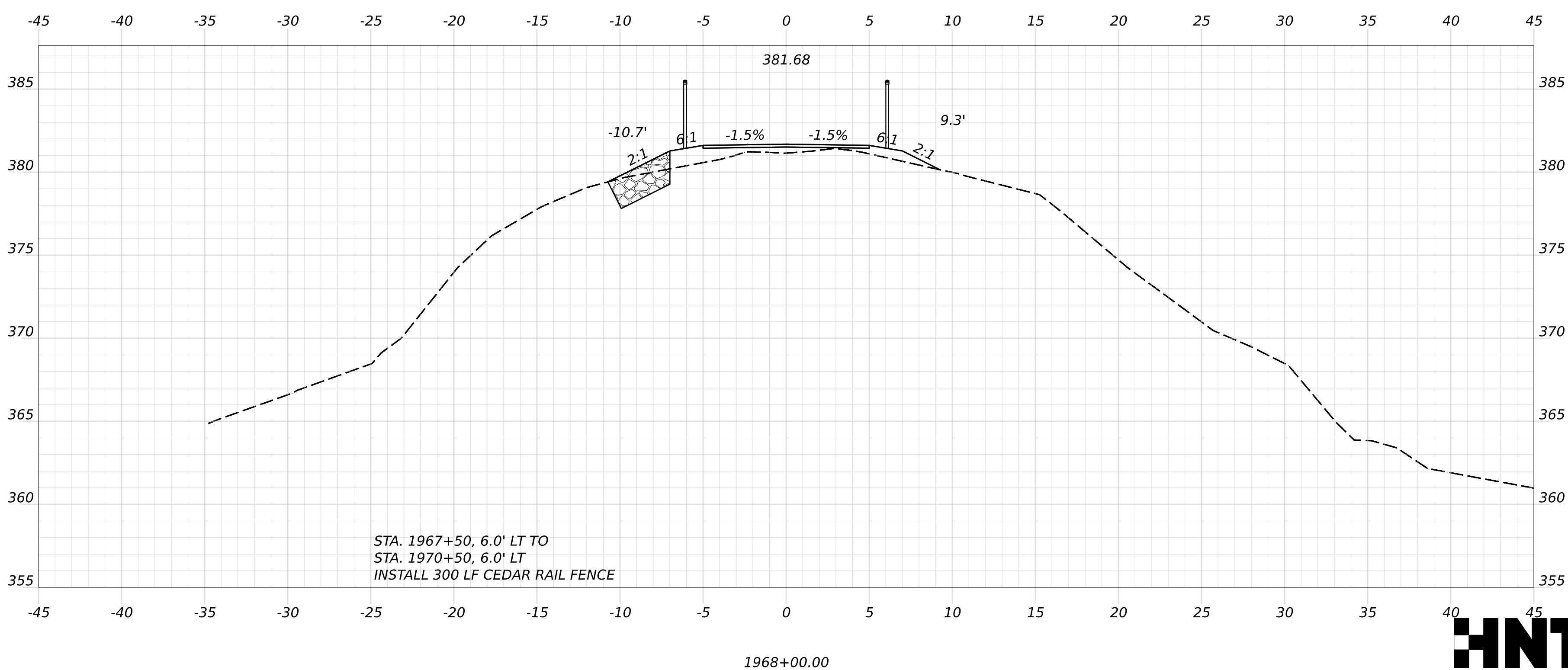
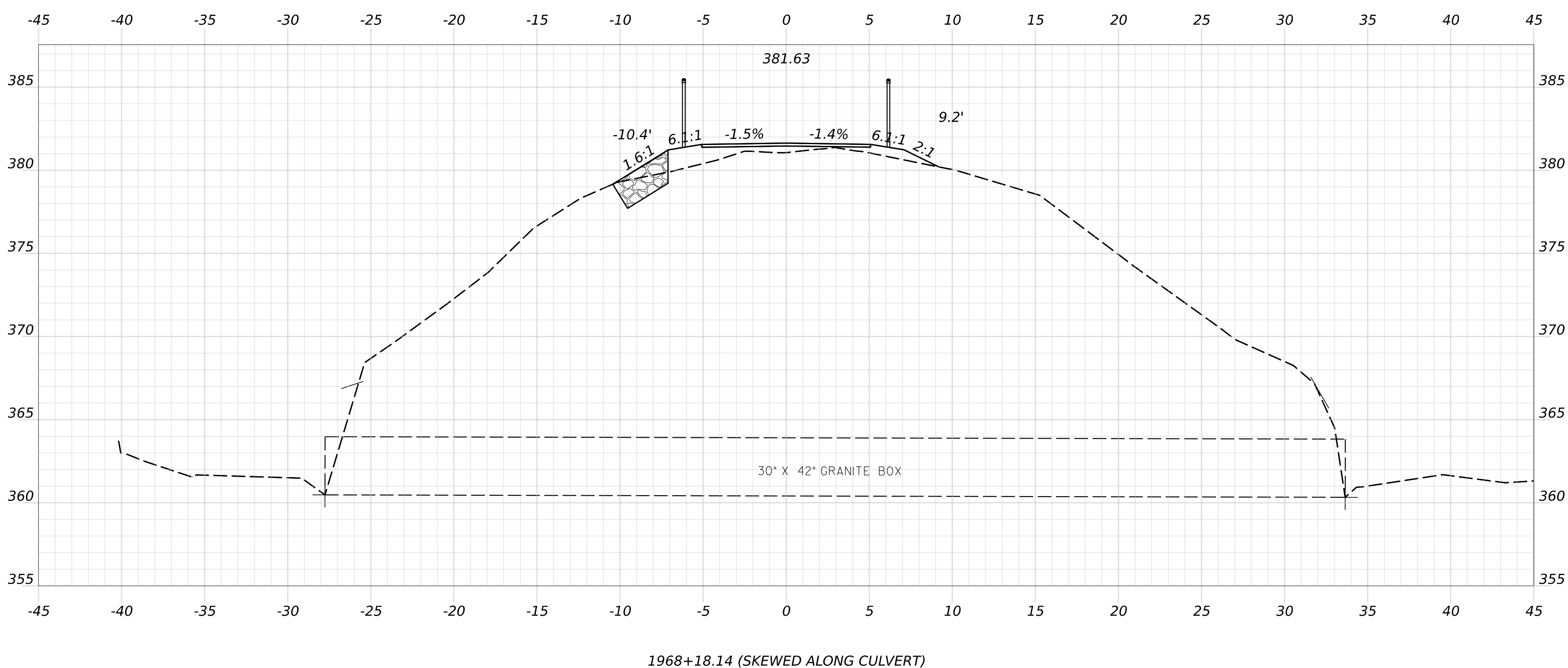
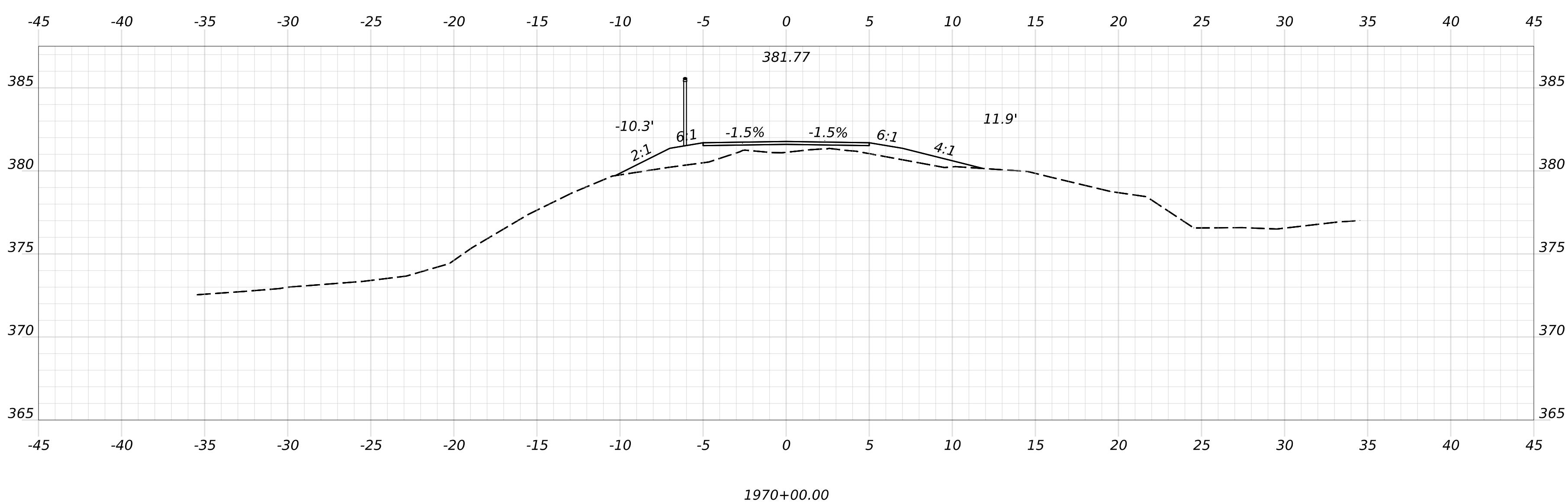
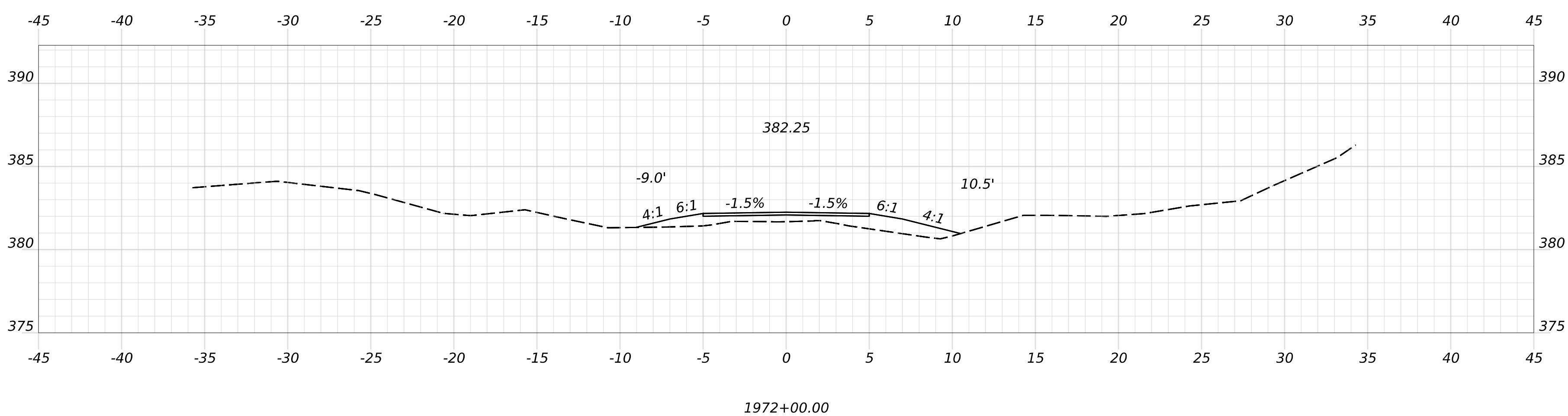


PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26
CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

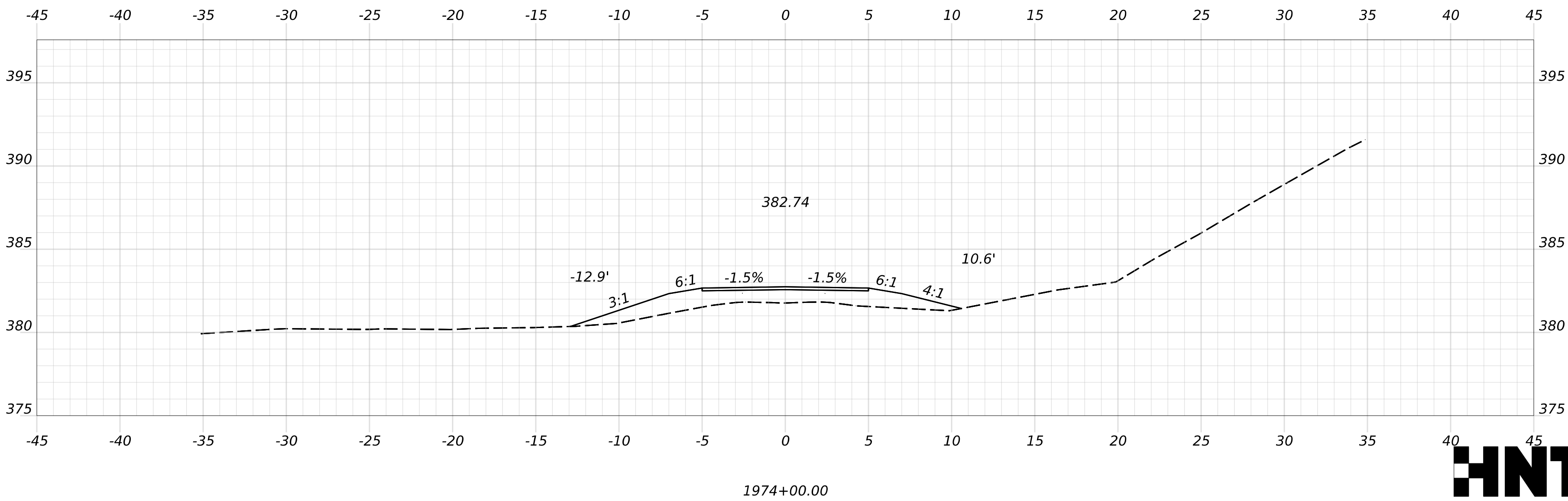
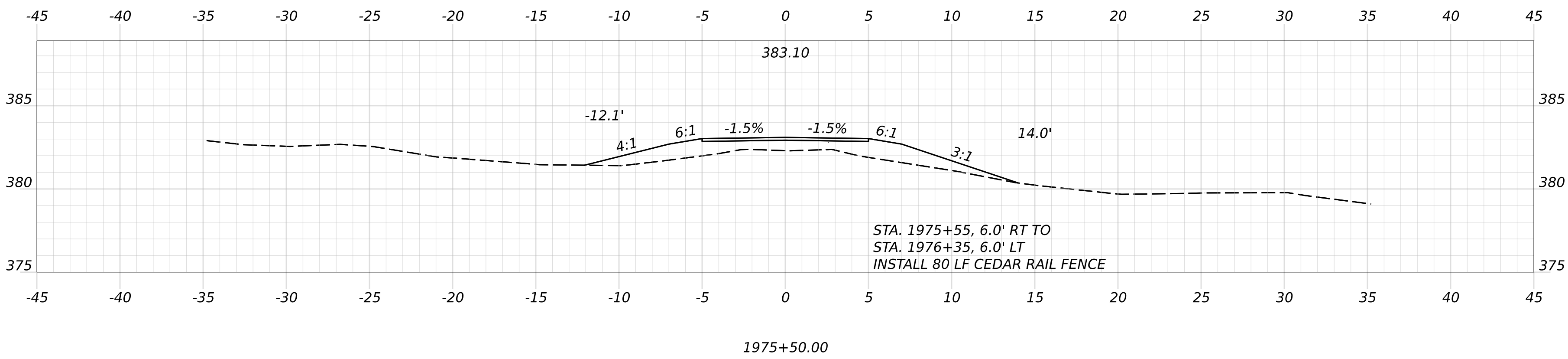
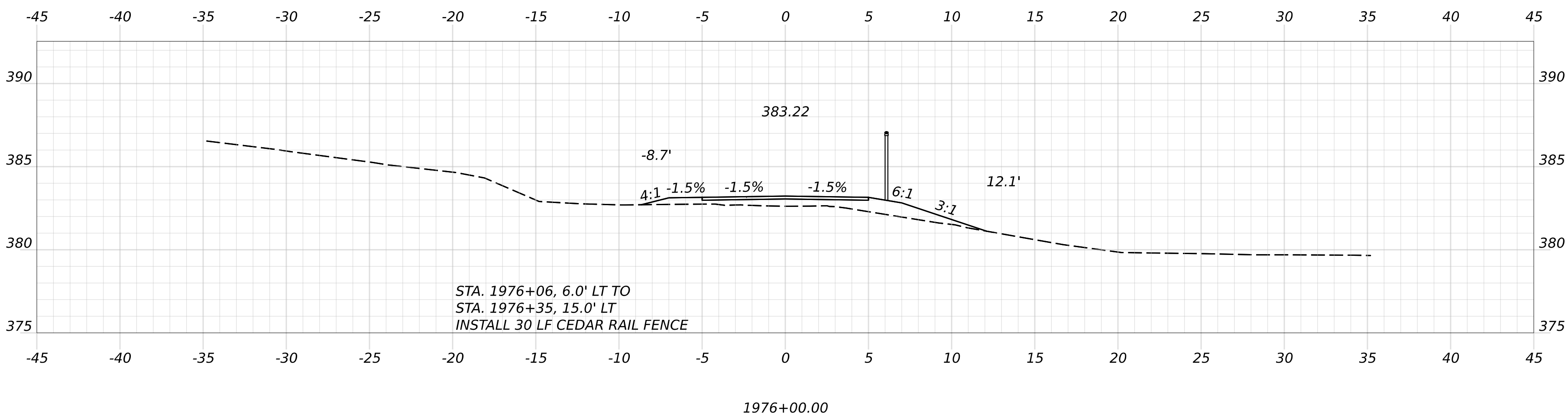
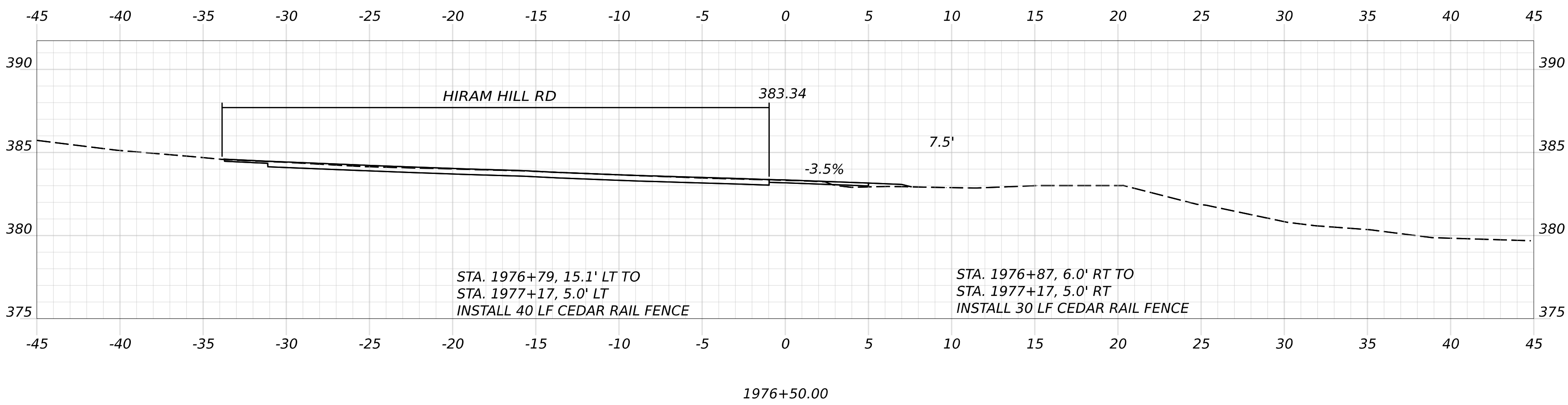
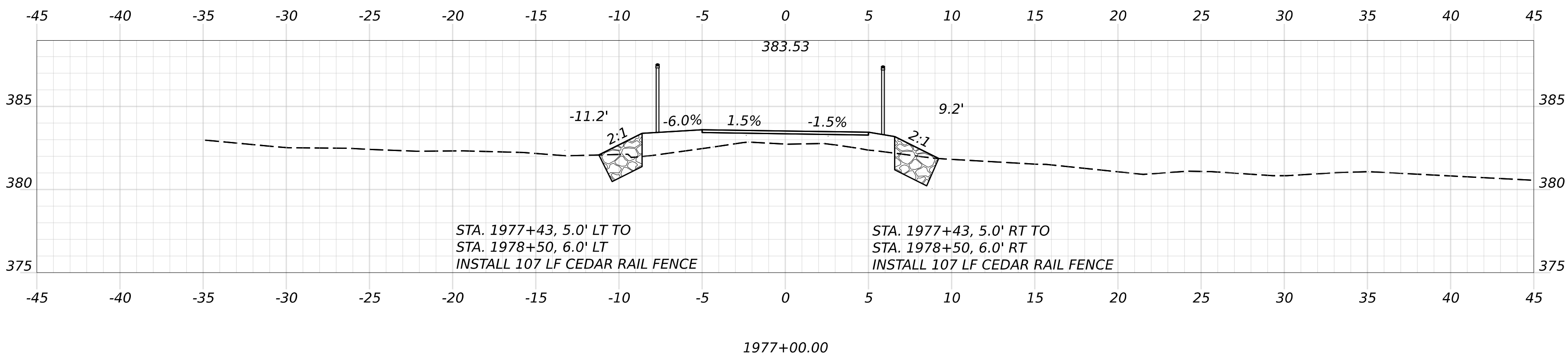
DATE



HNTB

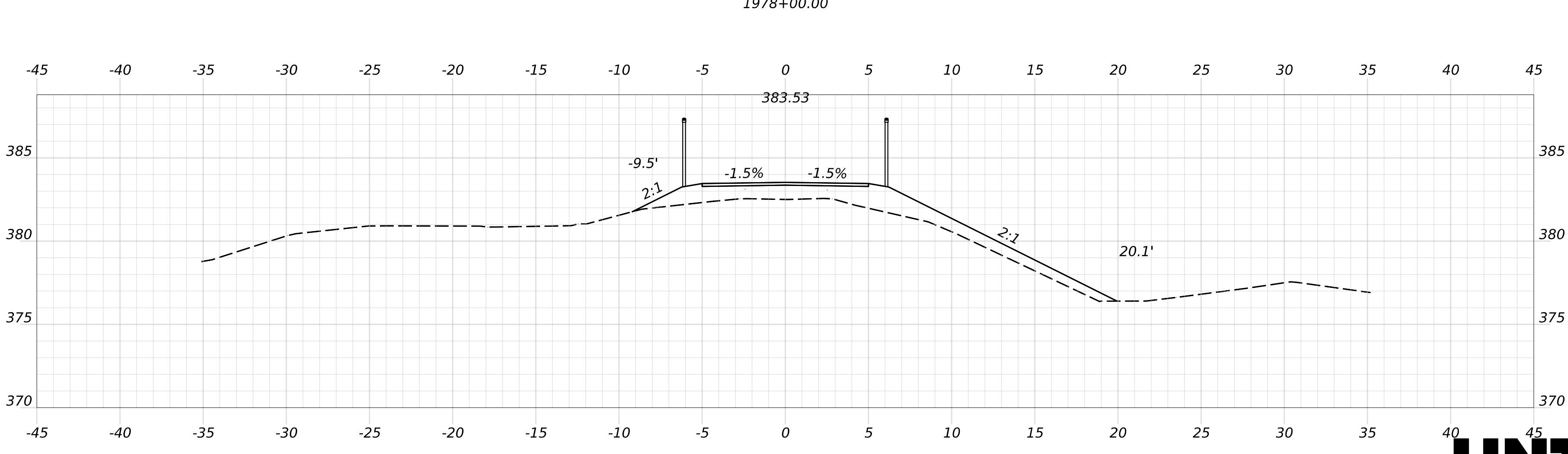
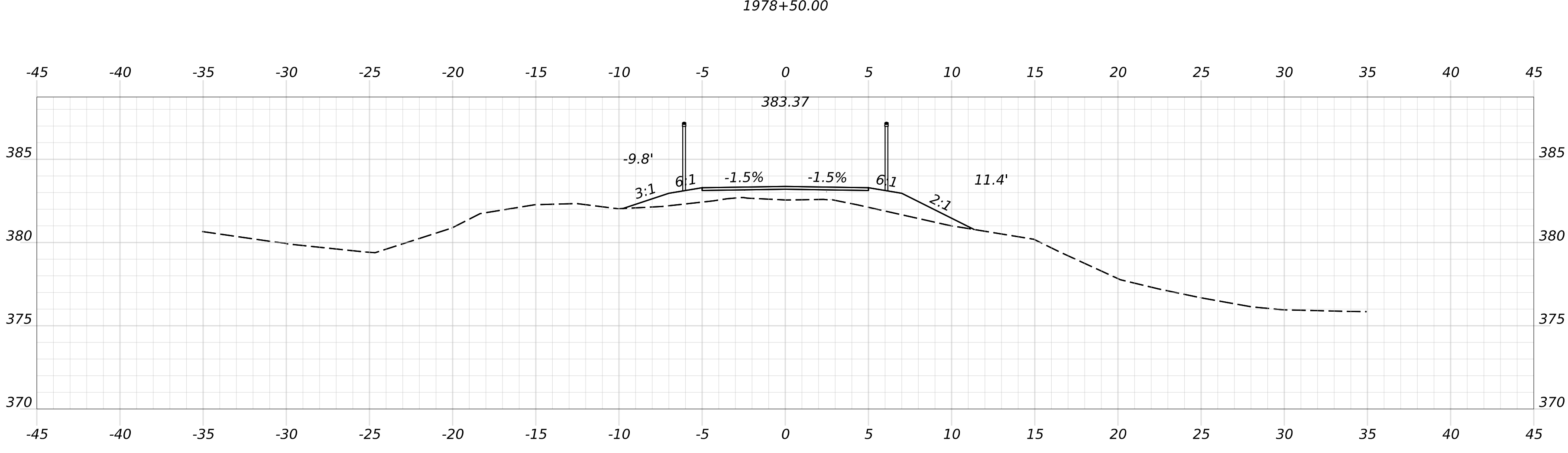
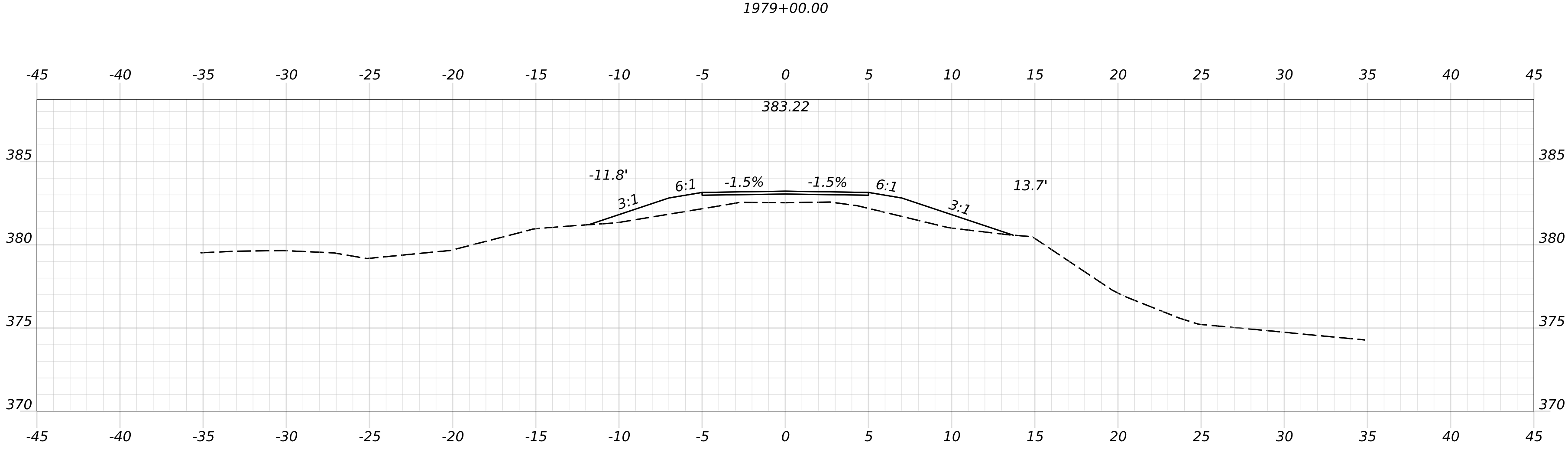
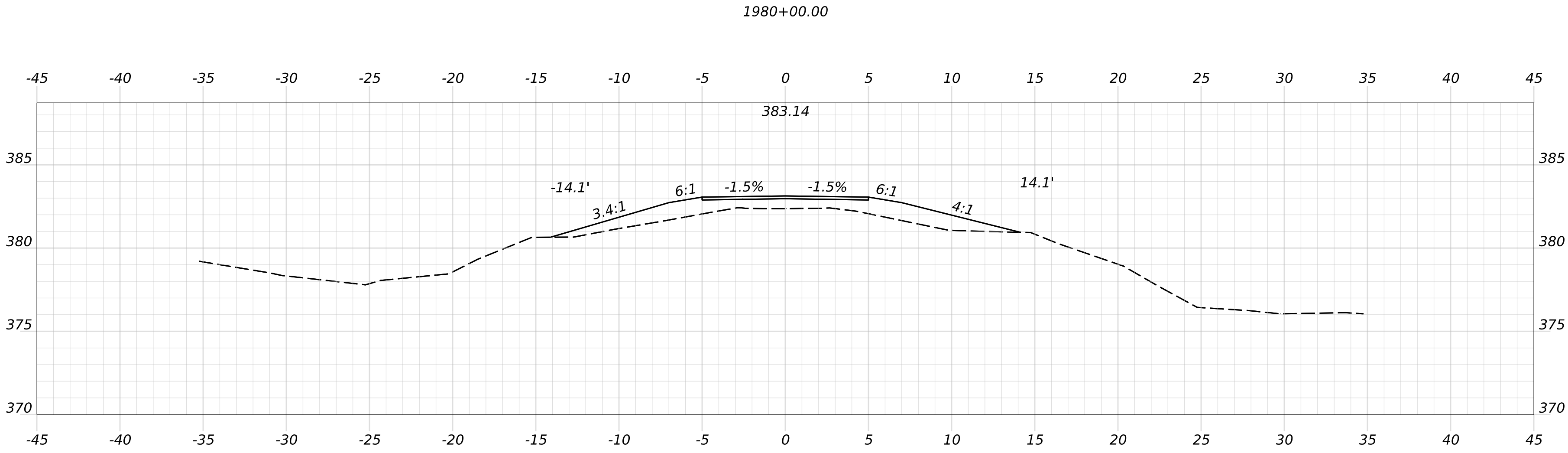
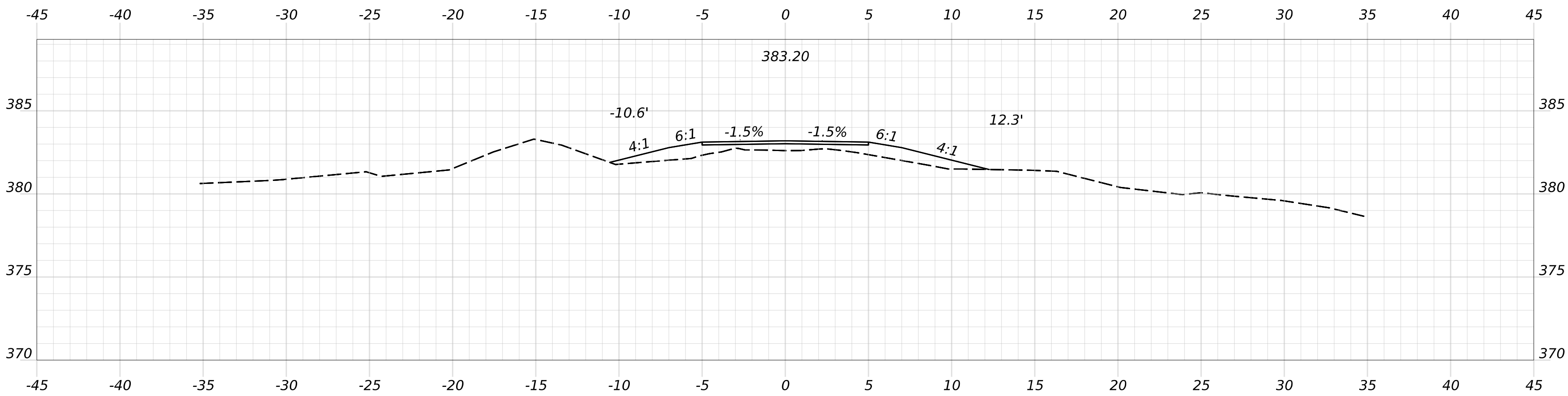
OF 236	113	SHEET NUMBER	HIRAM, BROWNFIELD, FRYEBURG MOUNTAIN DIVISION TRAIL	PROJ. MANAGER D. LORING				BY	DATE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
				DESIGN-DETAILED				E. KELSEY	E. KELSEY		09/26
				CHIEF-DESIGNED				C. HELMICK	L. ZACCHINI		09/26
				DESIGN2-DETAILED2							
				DESIGN3-DETAILED3							
				REVISIONS 1							
				REVISIONS 2							
				REVISIONS 3							
				REVISIONS 4							
				FIELD CHANGES							
CROSS SECTIONS								P.E. NUMBER			
								DATE			

Filename: Cross Sections_(MDT_Section 1).dgn



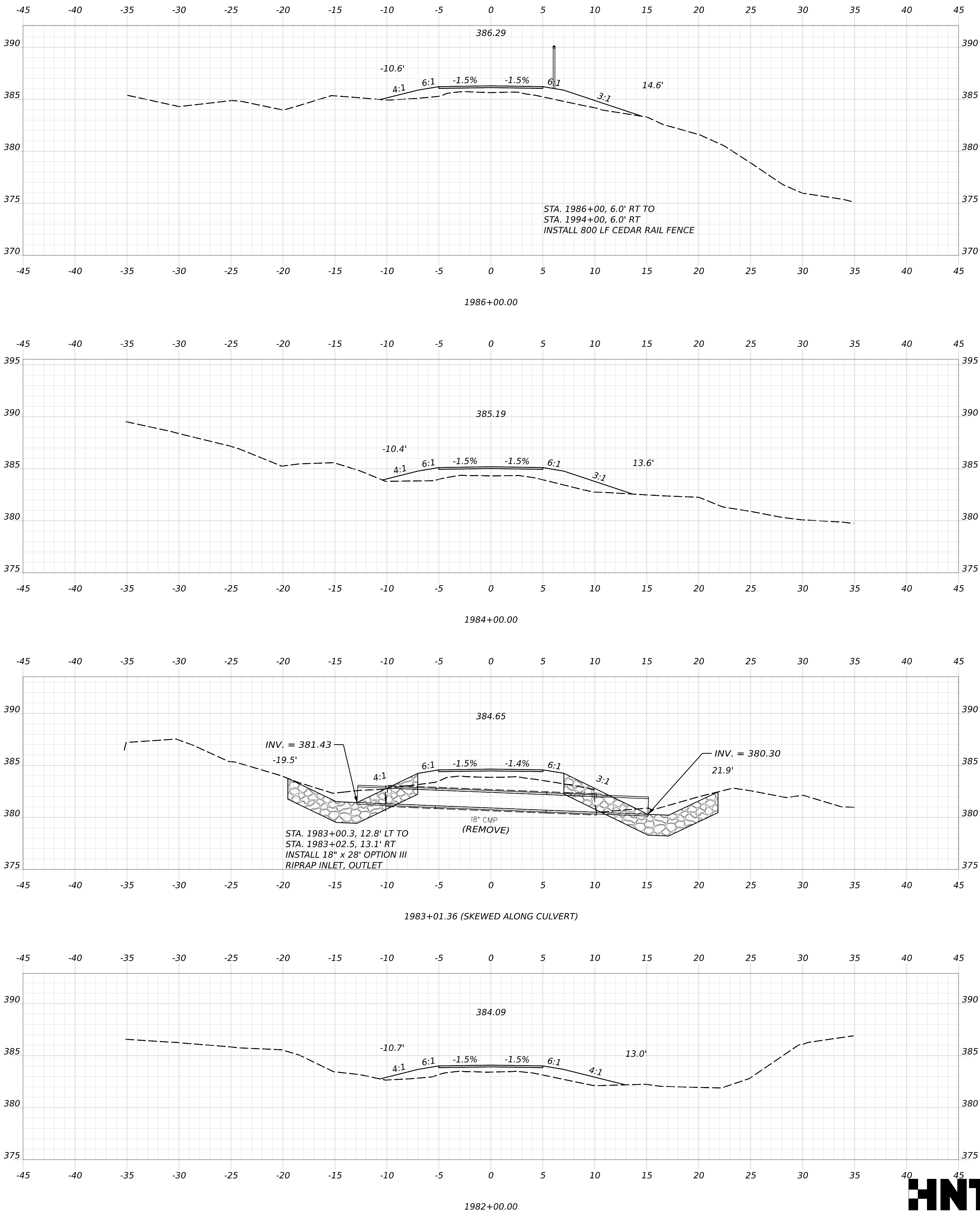
OF 236	SHEET NUMBER 114	HIRAM, BROWNFIELD, FRYEBURG MOUNTAIN DIVISION TRAIL	PROJ. MANAGER D. LORING BY DATE			SIGNATURE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
			DESIGN-DETAILED1	E. KELSEY	E. KELSEY 09/26		P.E. NUMBER	2685810
			CHECKED-REVIEWED1	C. HELMICK	L. ZACCHINI 09/26			
			DESIGN-DETAILED2					
		DESIGN-DETAILED3			DATE	WIN 26858.10 HIGHWAY PLANS		
		REVISIONS 1						
		REVISIONS 2						
		REVISIONS 3						
		REVISIONS 4						
		CROSS SECTIONS	FIELD CHANGES					

Filename: Cross Sections_(MDT_Section 1).dgn



OF 236	SHEET NUMBER 115	HIRAM, BROWNFIELD, FRYEBURG MOUNTAIN DIVISION TRAIL	PROJ. MANAGER				D. LORING				BY				DATE				SIGNATURE	STATE OF MAINE						
			DESIGN-DETAILED				E. KELSEY				E. KELSEY				09/26					DEPARTMENT OF TRANSPORTATION						
			CHECKED-REVIEWED				C. HELMICK				L. ZACCHINI				09/26											
			DESIGN2-DETAILED2																							
			DESIGN3-DETAILED3																							
		CROSS SECTIONS	REVISIONS 1																P.E. NUMBER				2685810			
			REVISIONS 2																							
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			REVISIONS 4																							
			FIELD CHANGES																							
																		WIN 26858.10		HIGHWAY PLANS						

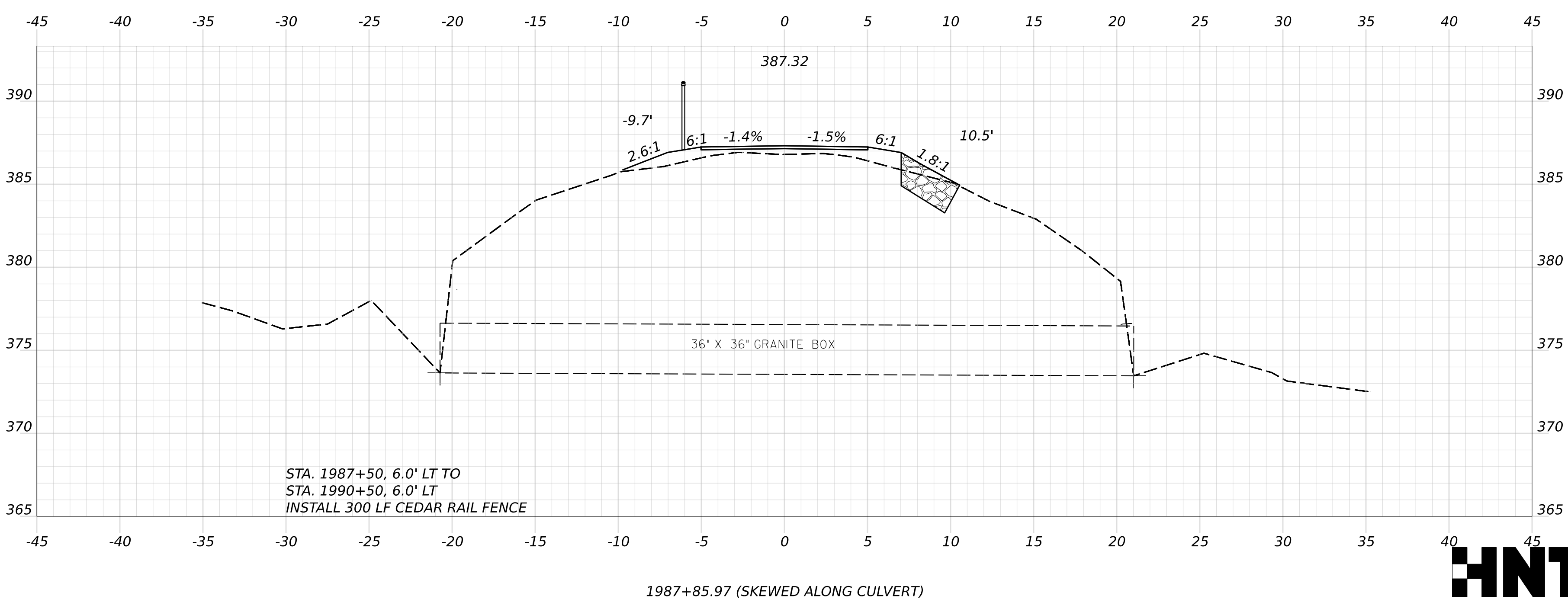
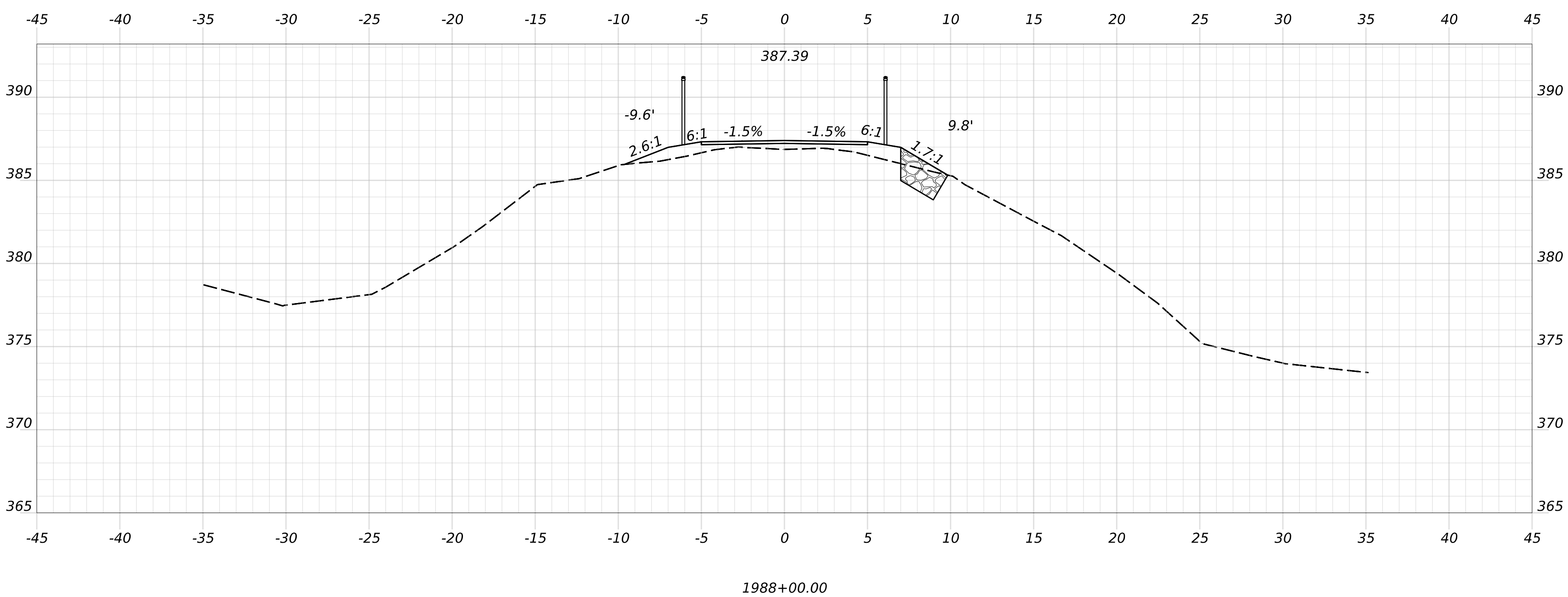
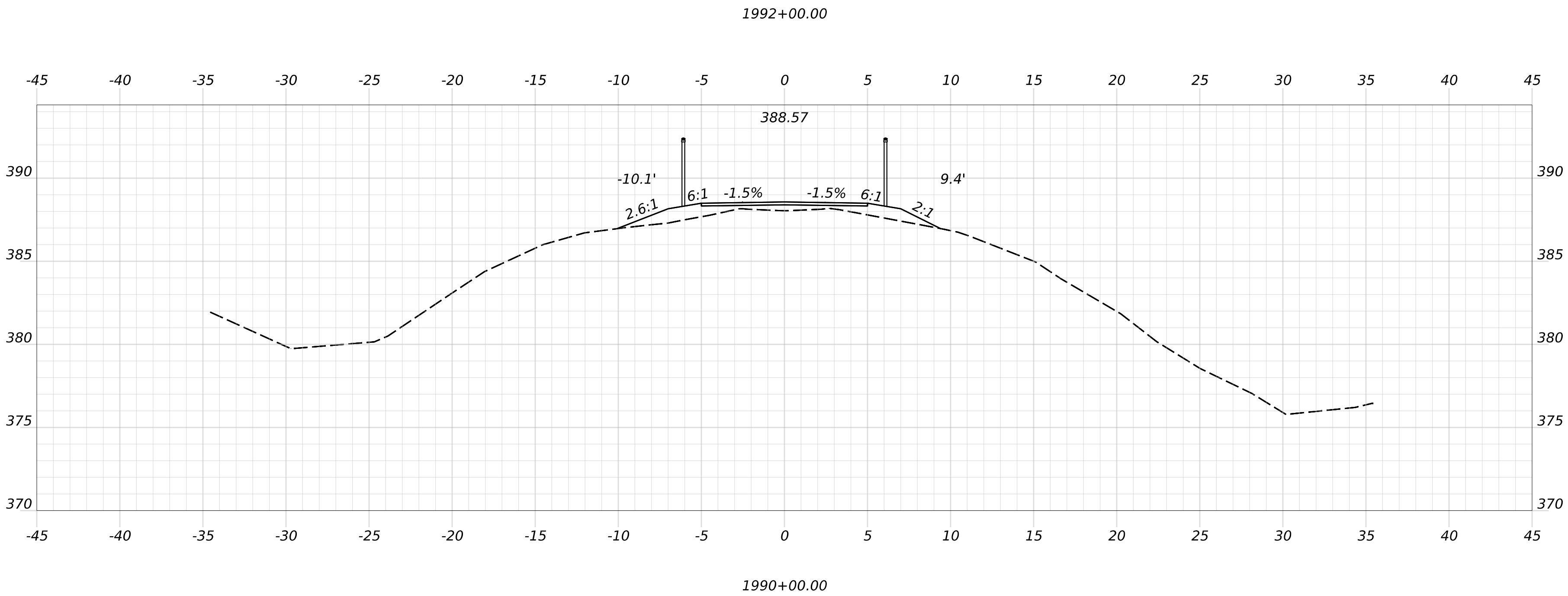
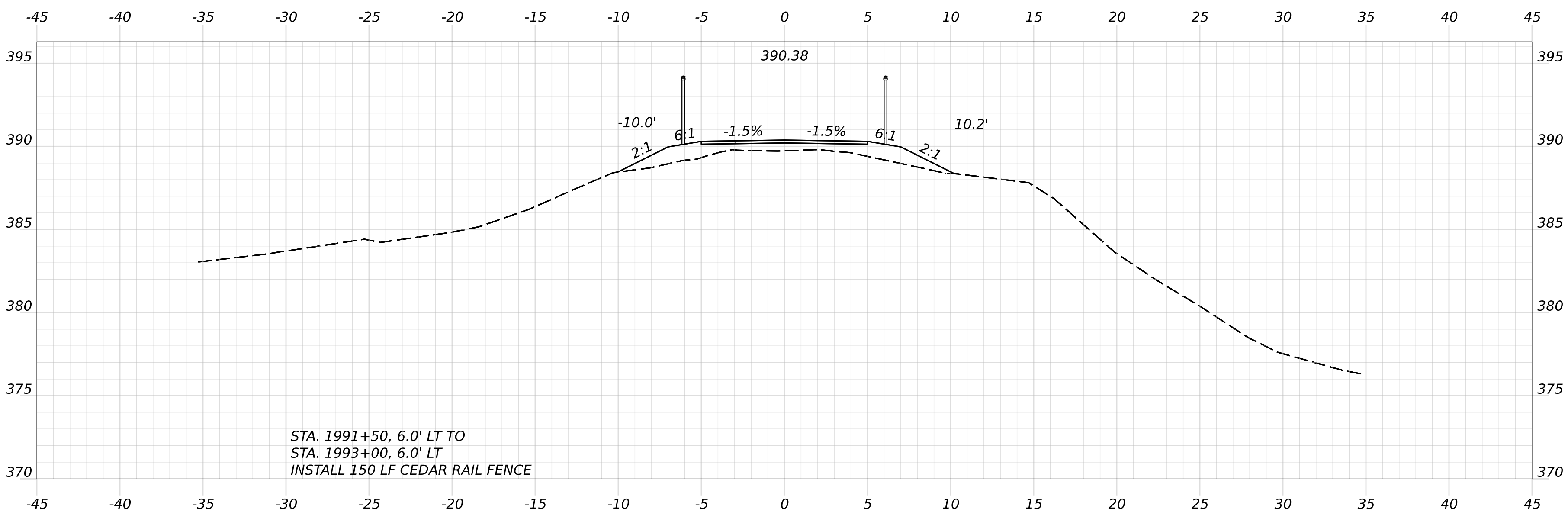
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PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26
CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26
DESIGN-DETAILED2			
DESIGN-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
P.E. NUMBER
DATE

Filename: Cross Sections_(MDT_Section 1).dgn



1987+85.97 (SKEWED ALONG CULVERT)



SHEET NUMBER

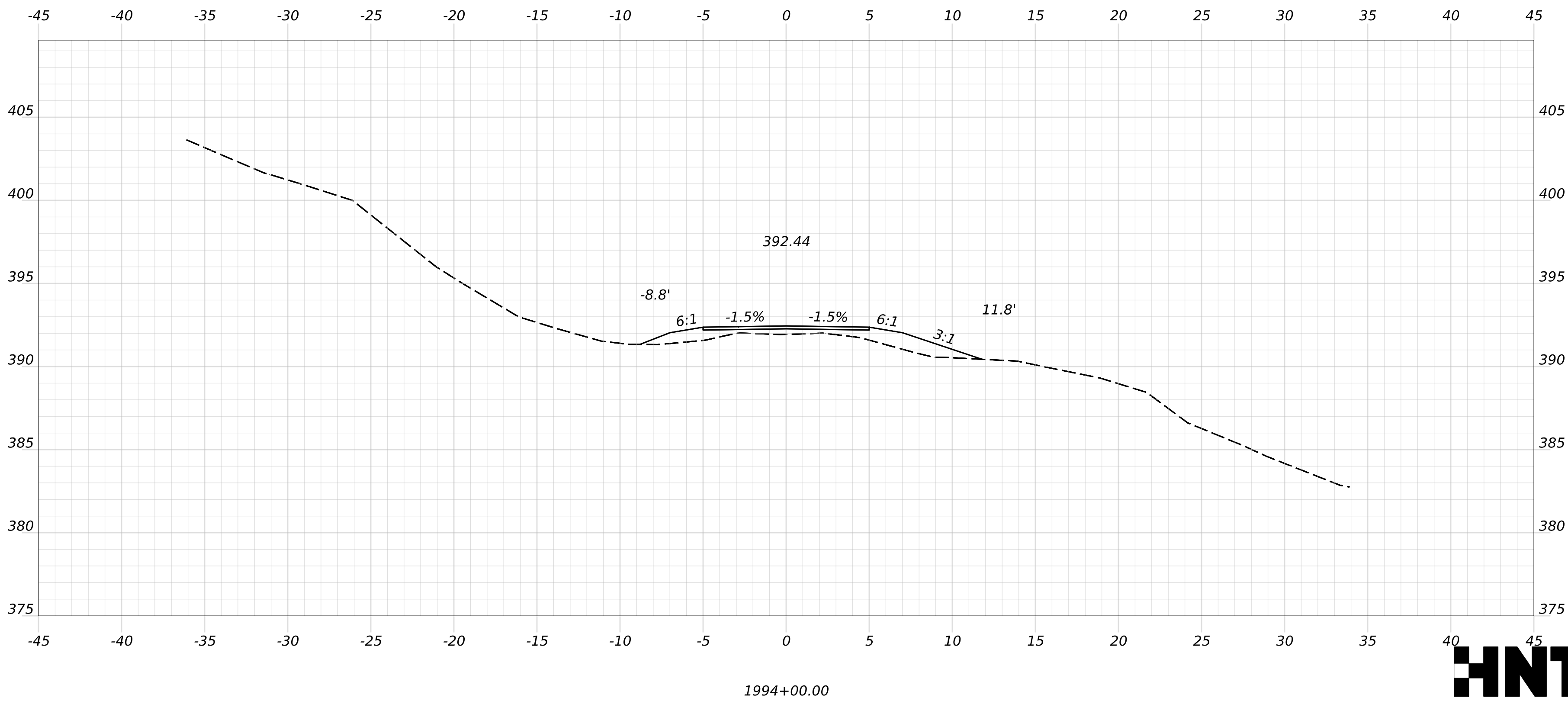
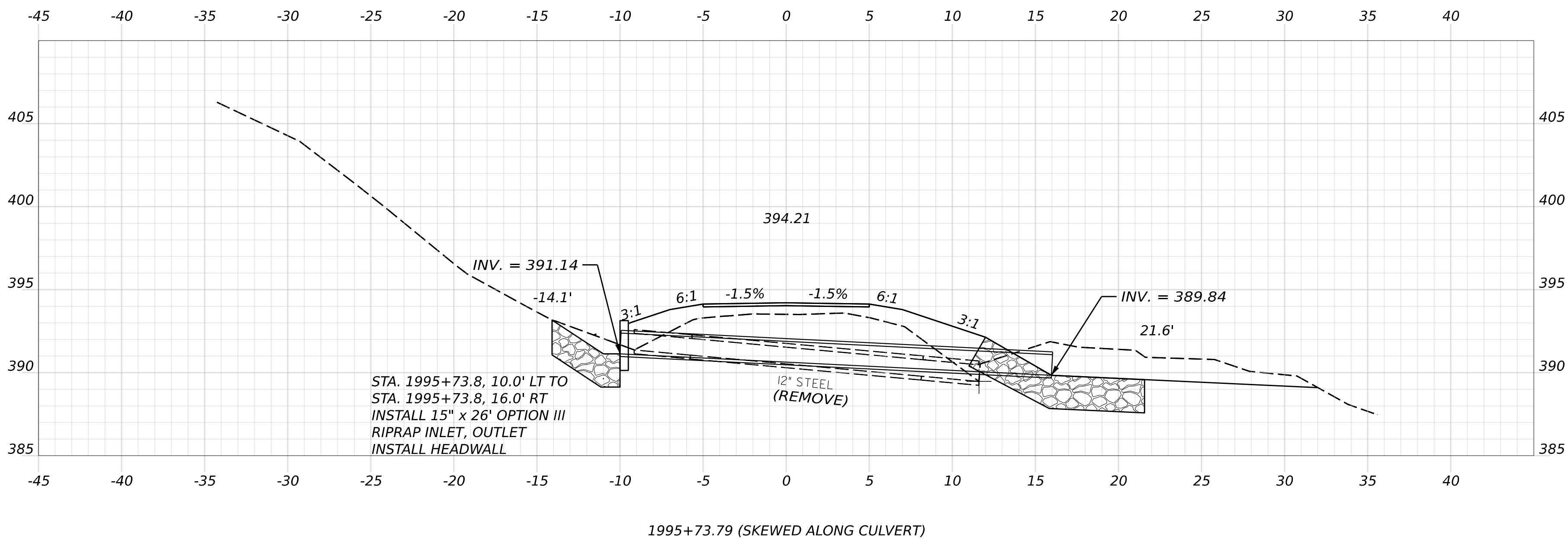
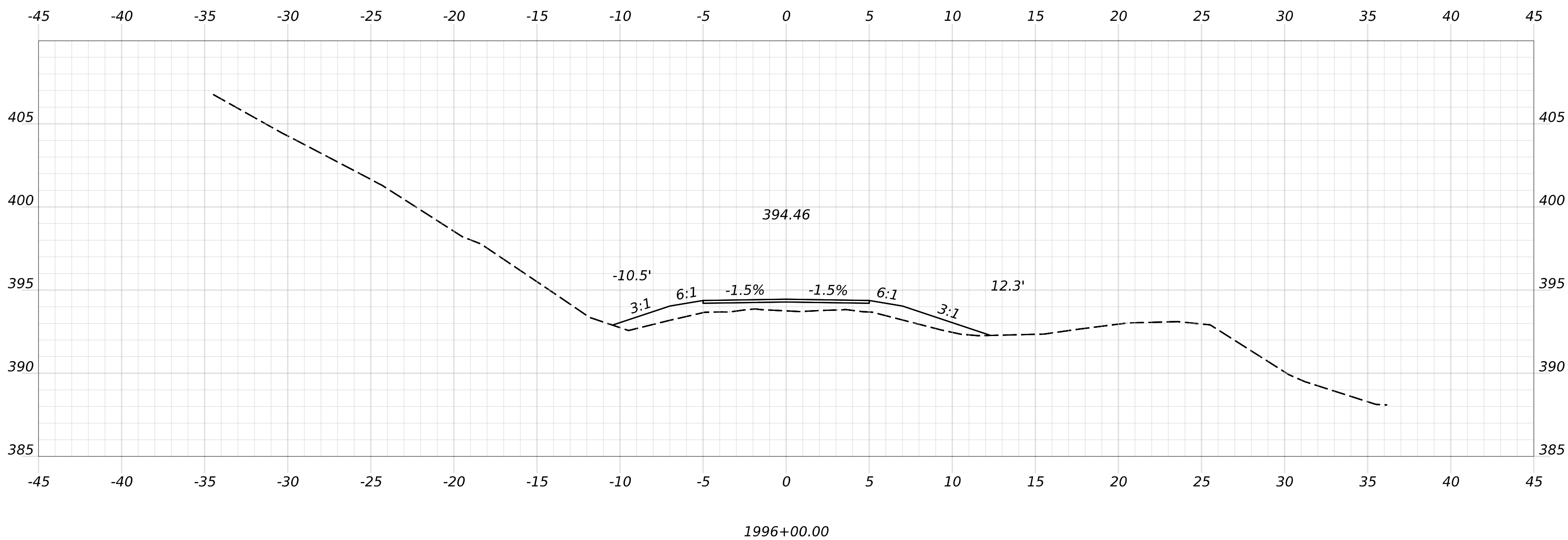
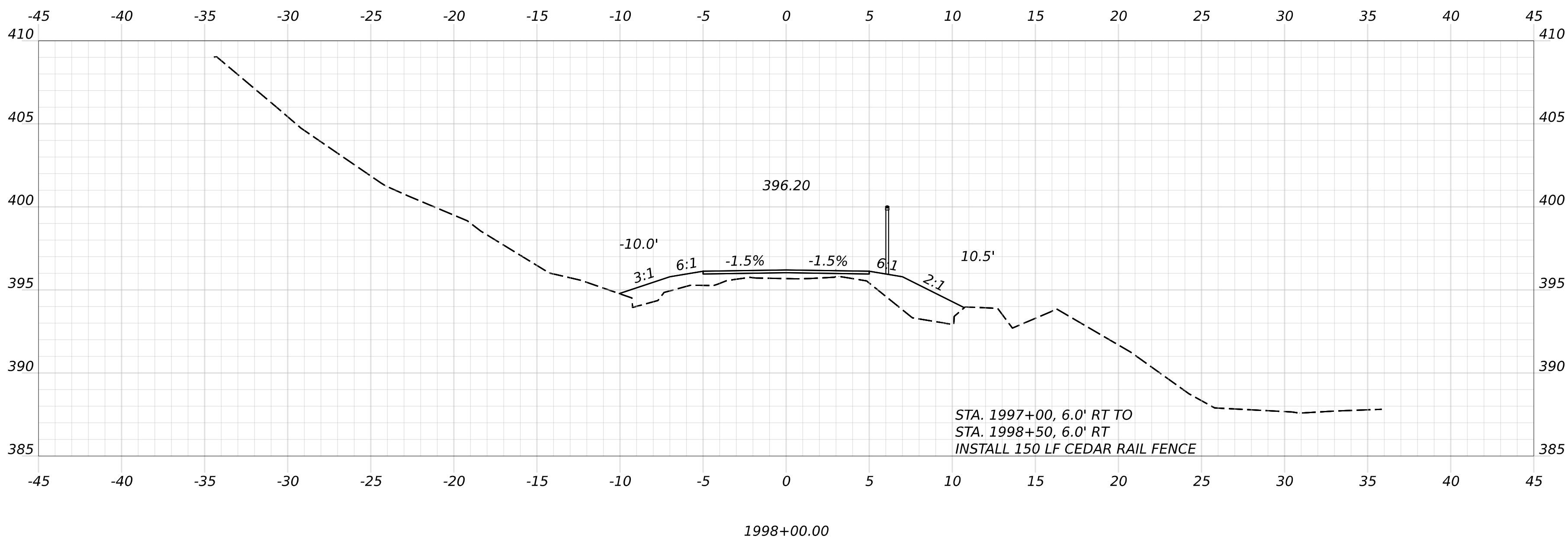
HIRAM, BROWNFIELD, FRYEBURG
MOUNTAIN DIVISION TRAIL

CROSS SECTIONS

PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26
CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
P.E. NUMBER
DATE

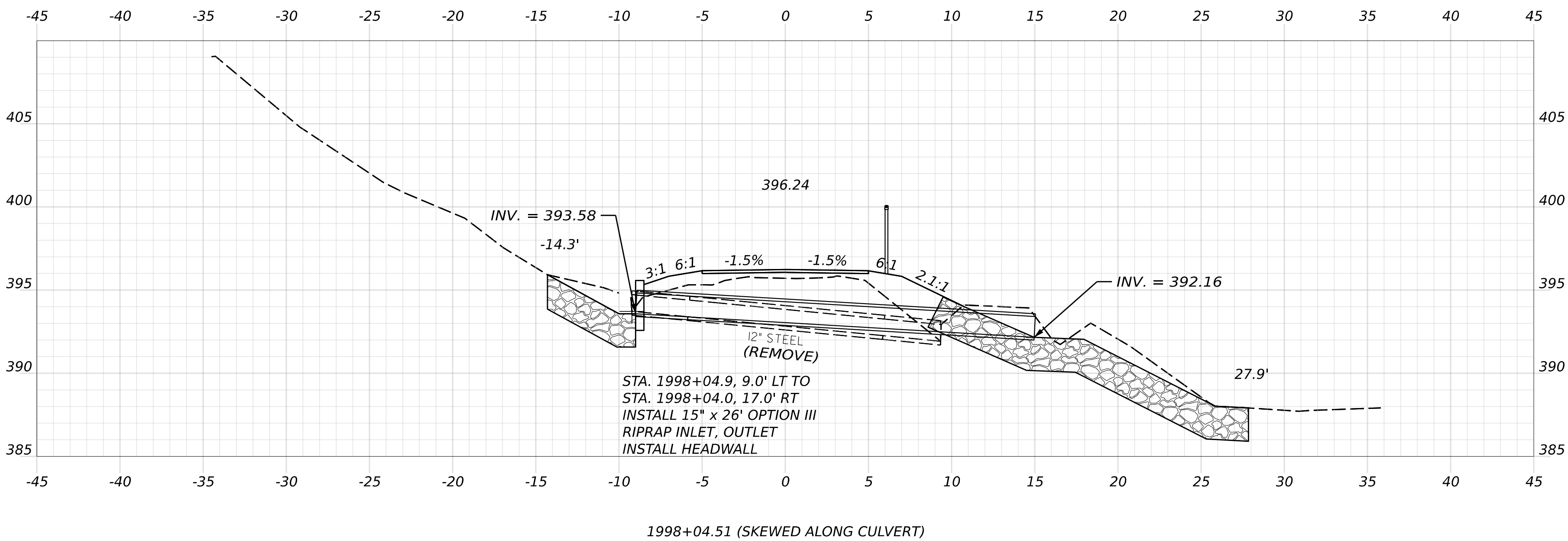
STATE OF MAINE DEPARTMENT OF TRANSPORTATION
2685810
WIN 26858.10
HIGHWAY PLANS



HNTB

OF 236	118	SHEET NUMBER	HIRAM, BROWNFIELD, FRYEBURG MOUNTAIN DIVISION TRAIL				PROJ. MANAGER D. LORING				BY		DATE		STATE OF MAINE DEPARTMENT OF TRANSPORTATION
			DESIGN-DETAILED				E. KELSEY		E. KELSEY		09/26		SIGNATURE		
			CHIEF-REVIEWED				C. HELMICK		L. ZACCHINI		09/26				
			DESIGN2-DETAILED2												
			DESIGN3-DETAILED3												
			REVISIONS 1										P.E. NUMBER		
			REVISIONS 2												
			REVISIONS 3												
			REVISIONS 4												
			FIELD CHANGES										DATE		
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												WIN 26858.10	HIGHWAY PLANS		

Filename: Cross Sections_(MDT_Section 1).dgn



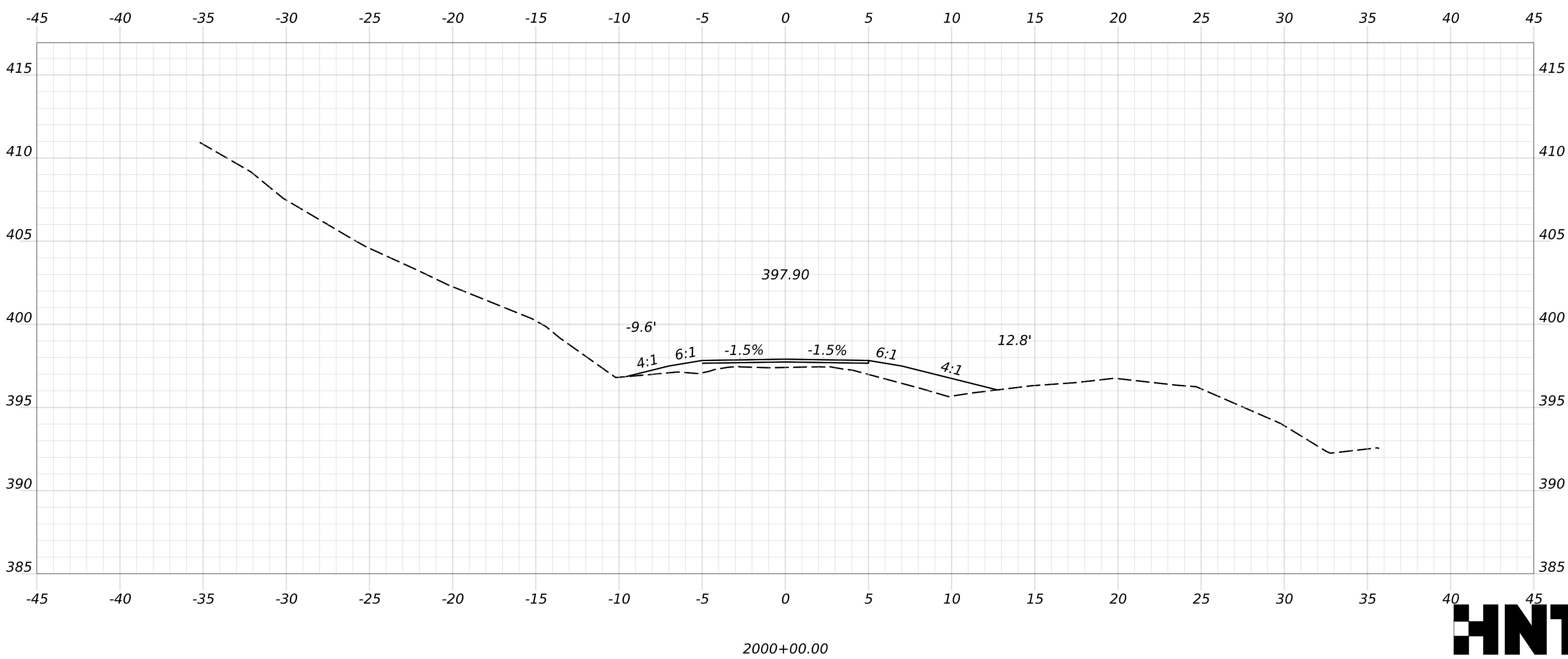
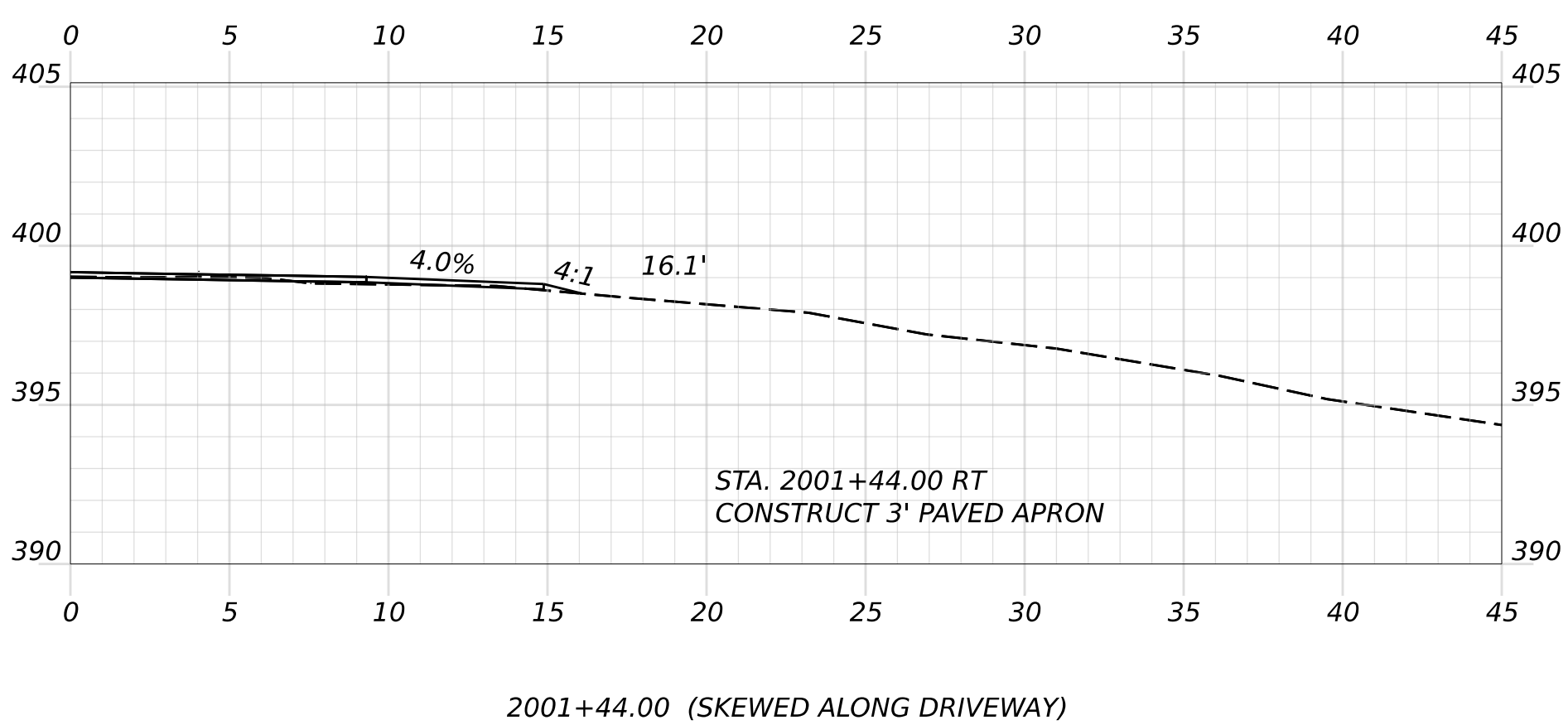
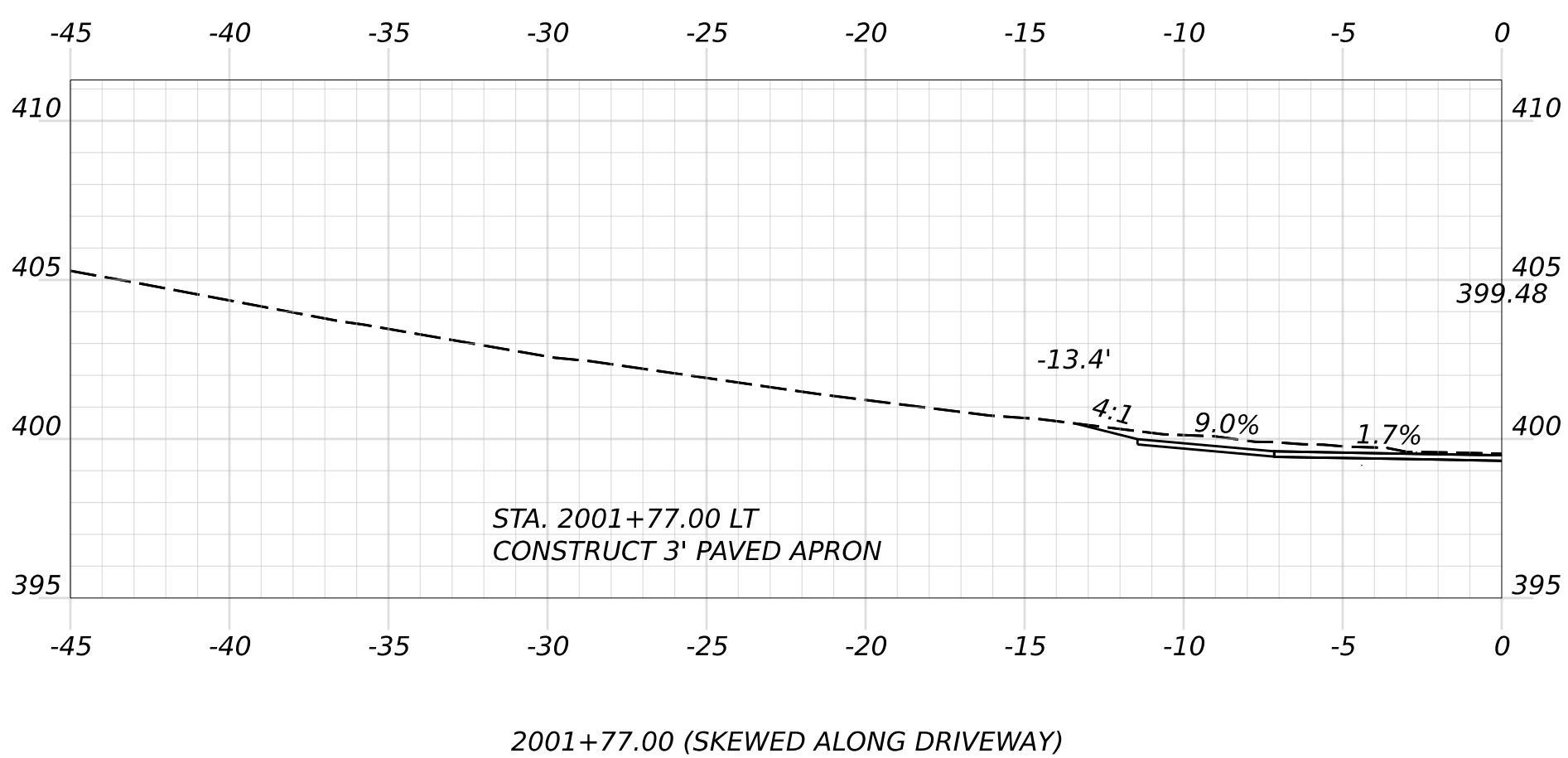
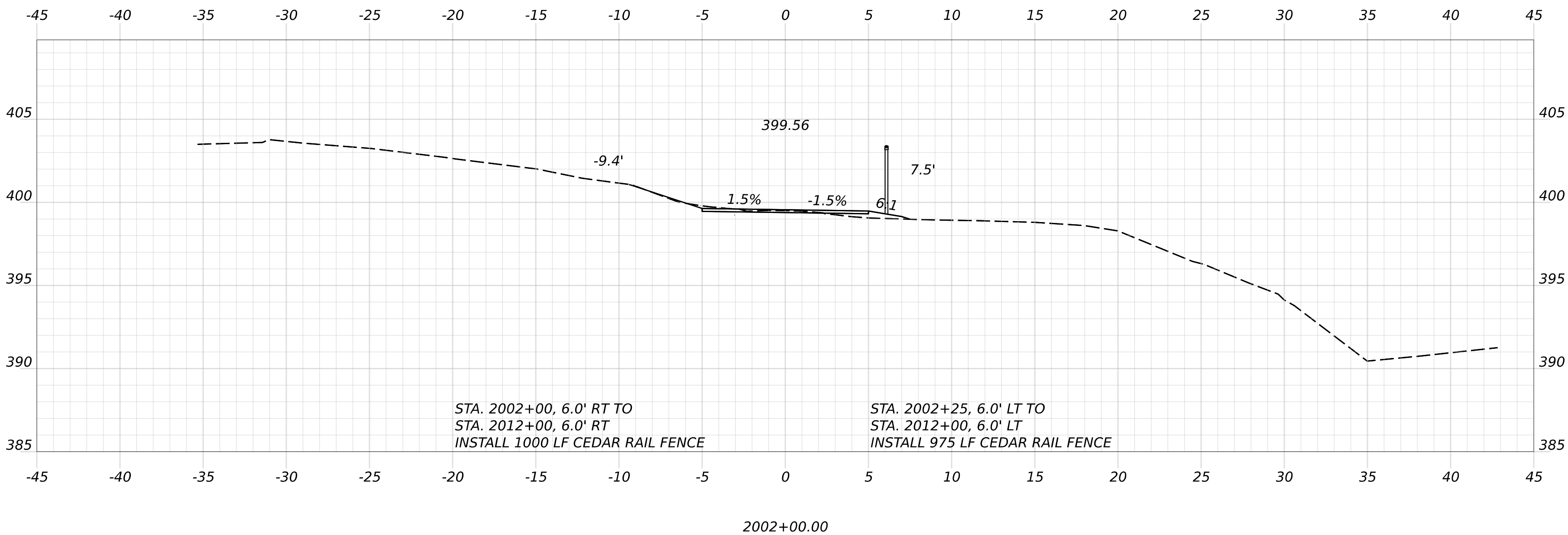
PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26
CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26
DESIGN-DETAILED2			
DESIGN-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

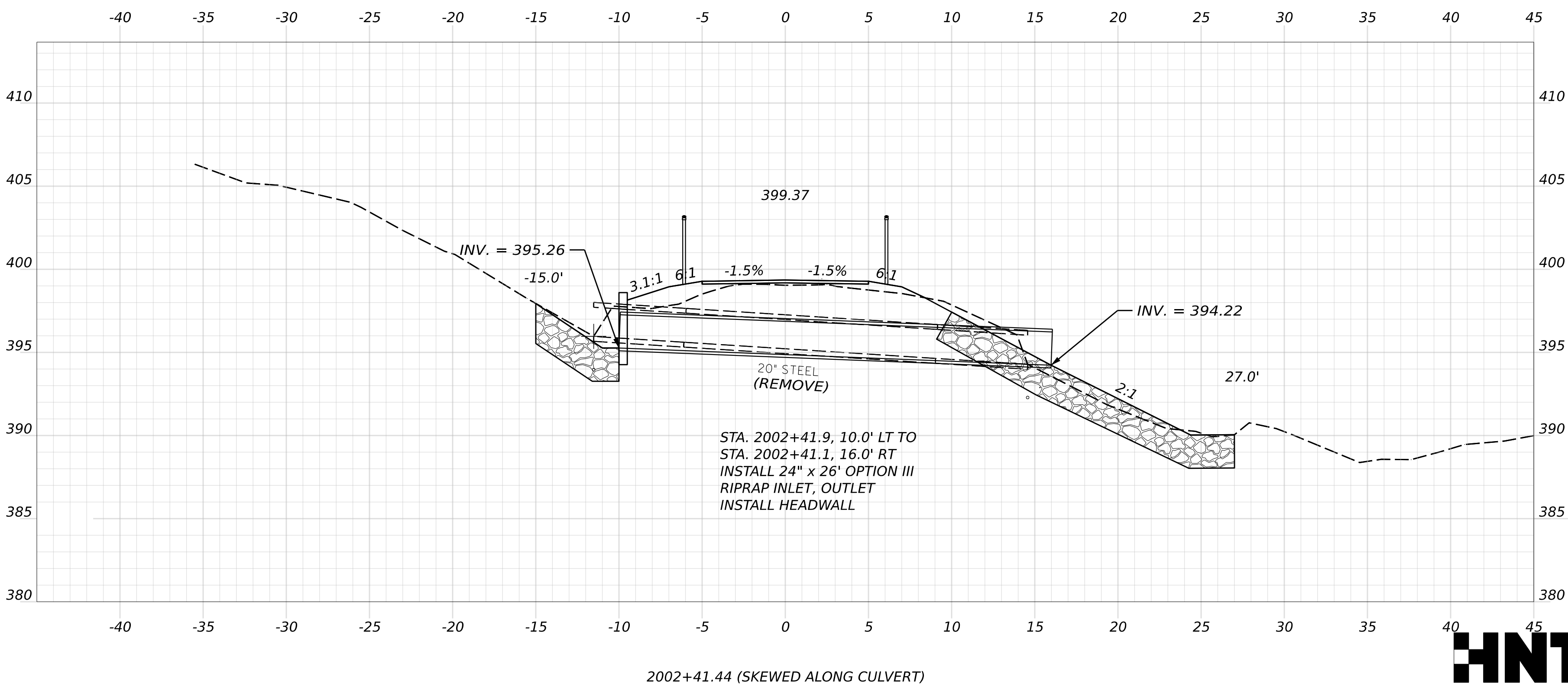
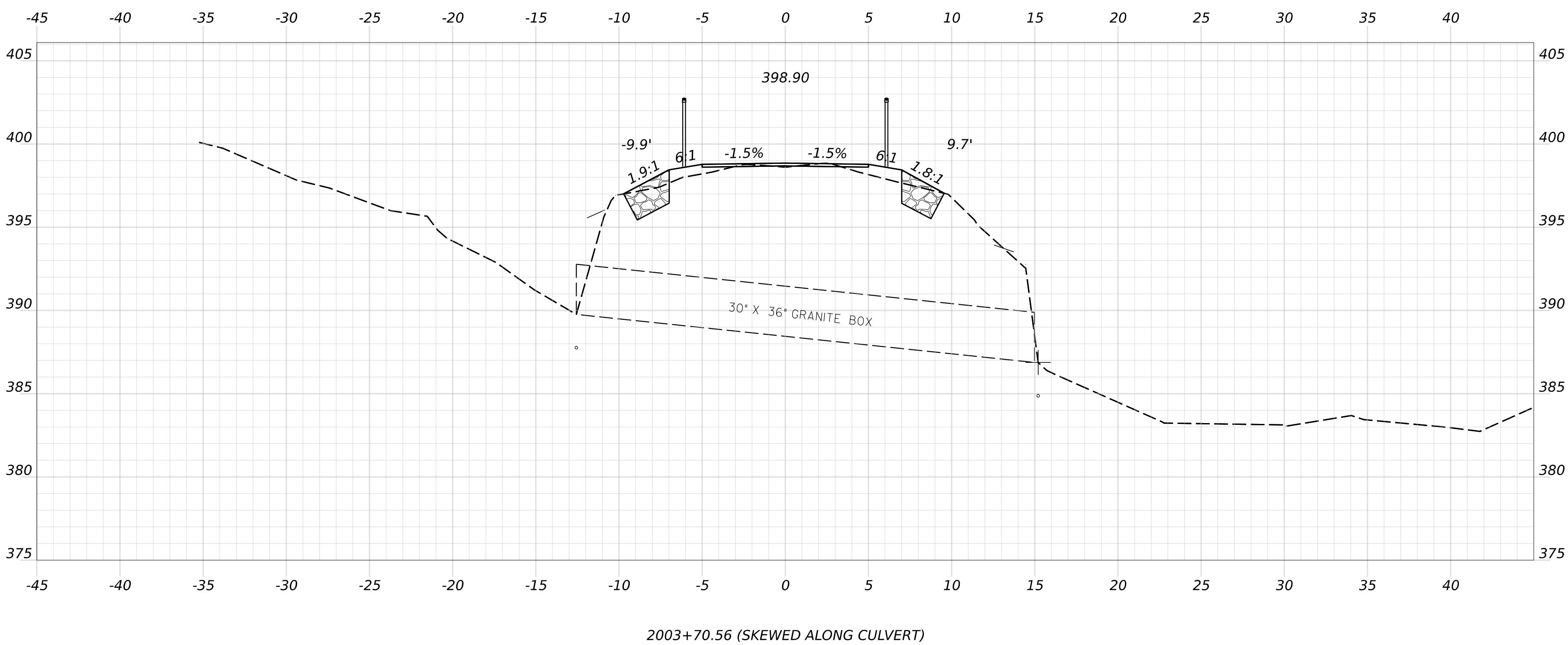
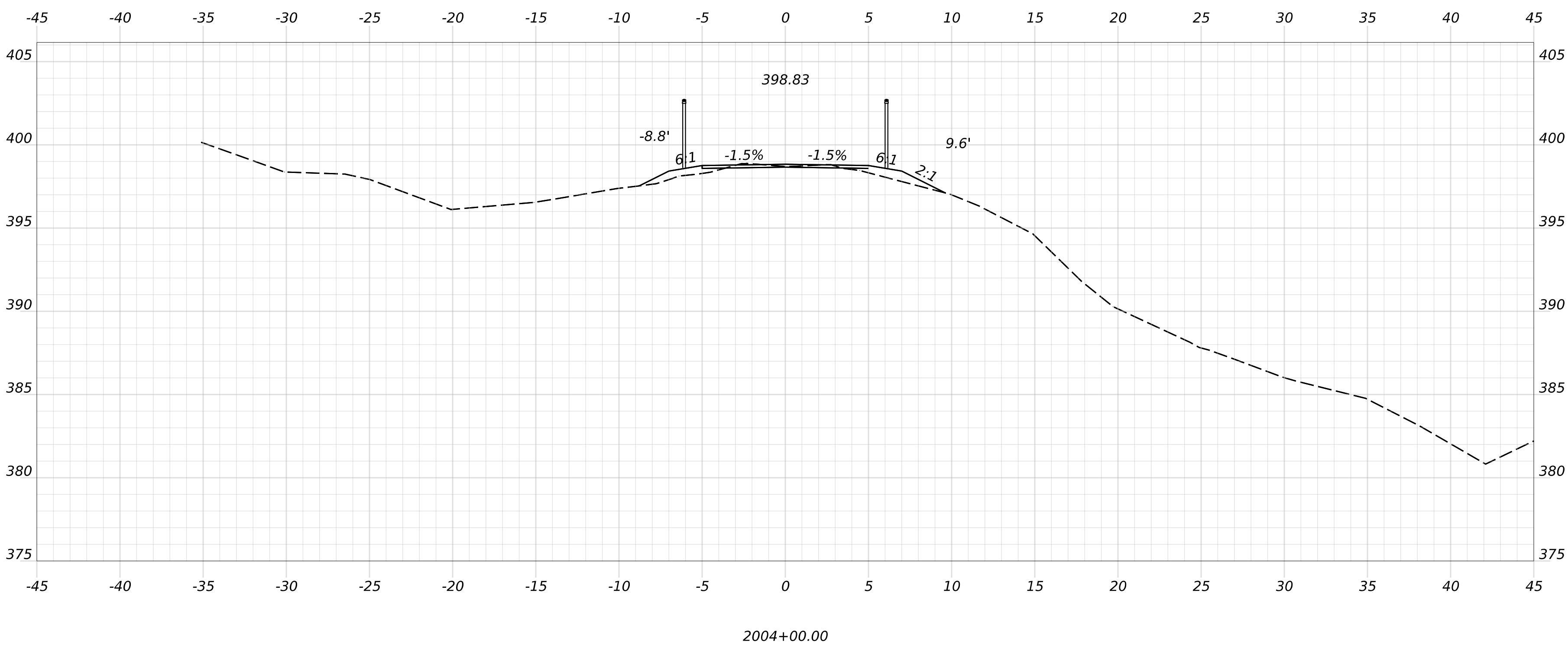
DATE

Filename: Cross Sections_(MDT_Section 2).dgn



OF 236	SHEET NUMBER 120	HIRAM, BROWNFIELD, FRYEBURG MOUNTAIN DIVISION TRAIL				PROJ. MANAGER		D. LORING		BY		DATE		SIGNATURE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION			
		CROSS SECTIONS				DESIGN-DETAILED		E. KELSEY		E. KELSEY		09/26			P.E. NUMBER	2685810		
						CHECKED-REVIEWED		C. HELMICK		L. ZACCHINI		09/26						
						DESIGN2-DETAILED2												
						DESIGN3-DETAILED3												
						REVISIONS 1								DATE	WIN 26858.10 HIGHWAY PLANS			
						REVISIONS 2												
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						FIELD CHANGES												

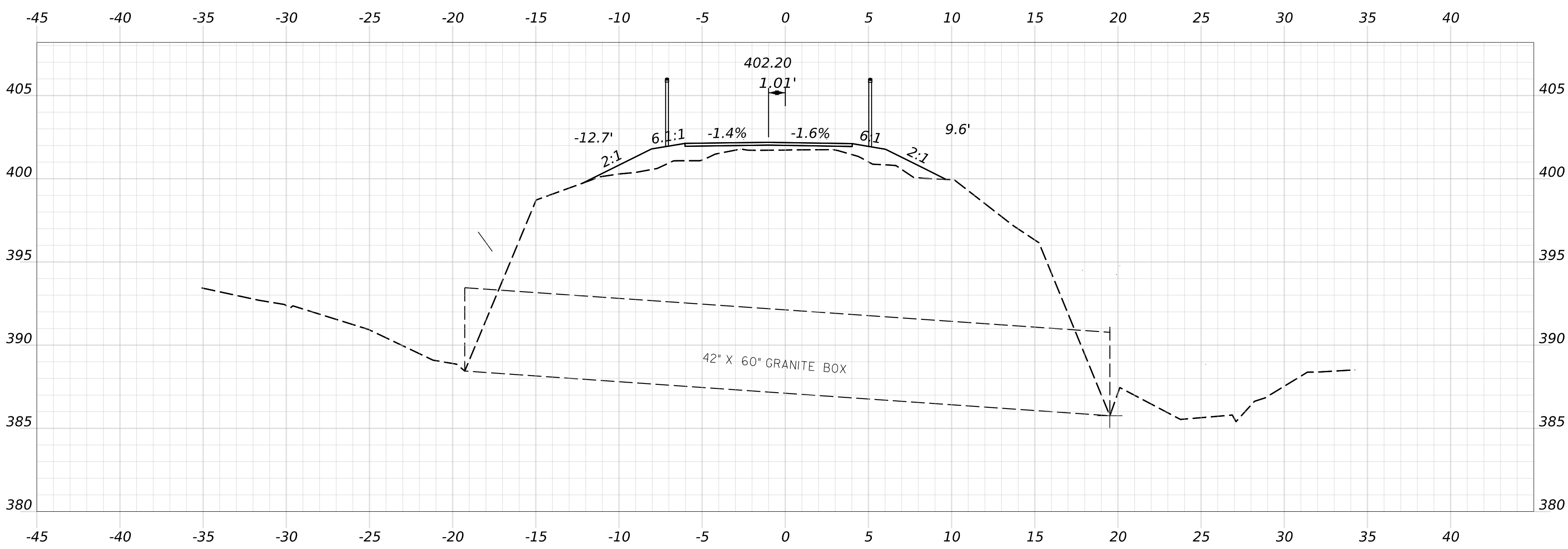
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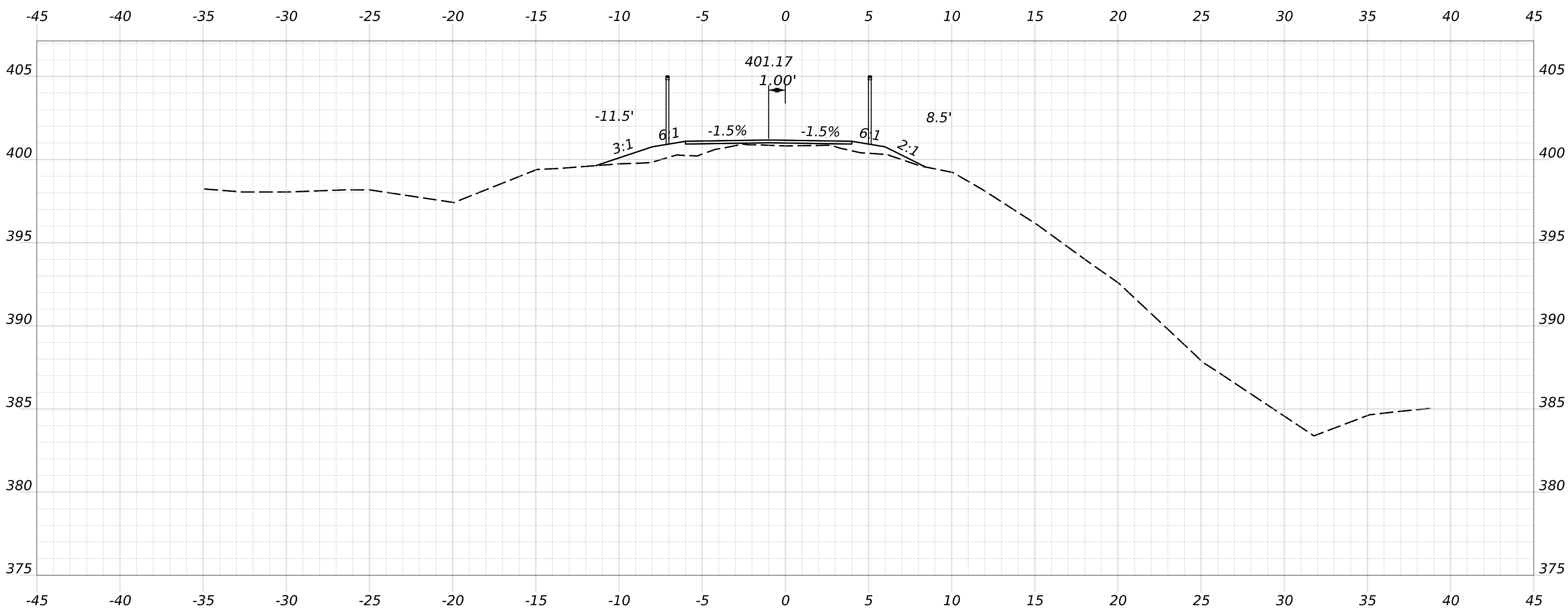
HNTB

OF 236	SHEET NUMBER	HIRAM, BROWNFIELD, FRYEBURG MOUNTAIN DIVISION TRAIL	PROJ. MANAGER D. LORING				BY	DATE	SIGNATURE	STATE OF MAINE	
			DESIGN-DETAILED				E. KELSEY	E. KELSEY		09/26	DEPARTMENT OF TRANSPORTATION
			CHECKED-REVIEWED				C. HELMICK	L. ZACCHINI		09/26	
			DESIGN2-DETAILED2								
		CROSS SECTIONS		DESIGN3-DETAILED3							P.E. NUMBER
				REVISIONS 1							
				REVISIONS 2							
				REVISIONS 3							
		REVISIONS 4							DATE		
		FIELD CHANGES									

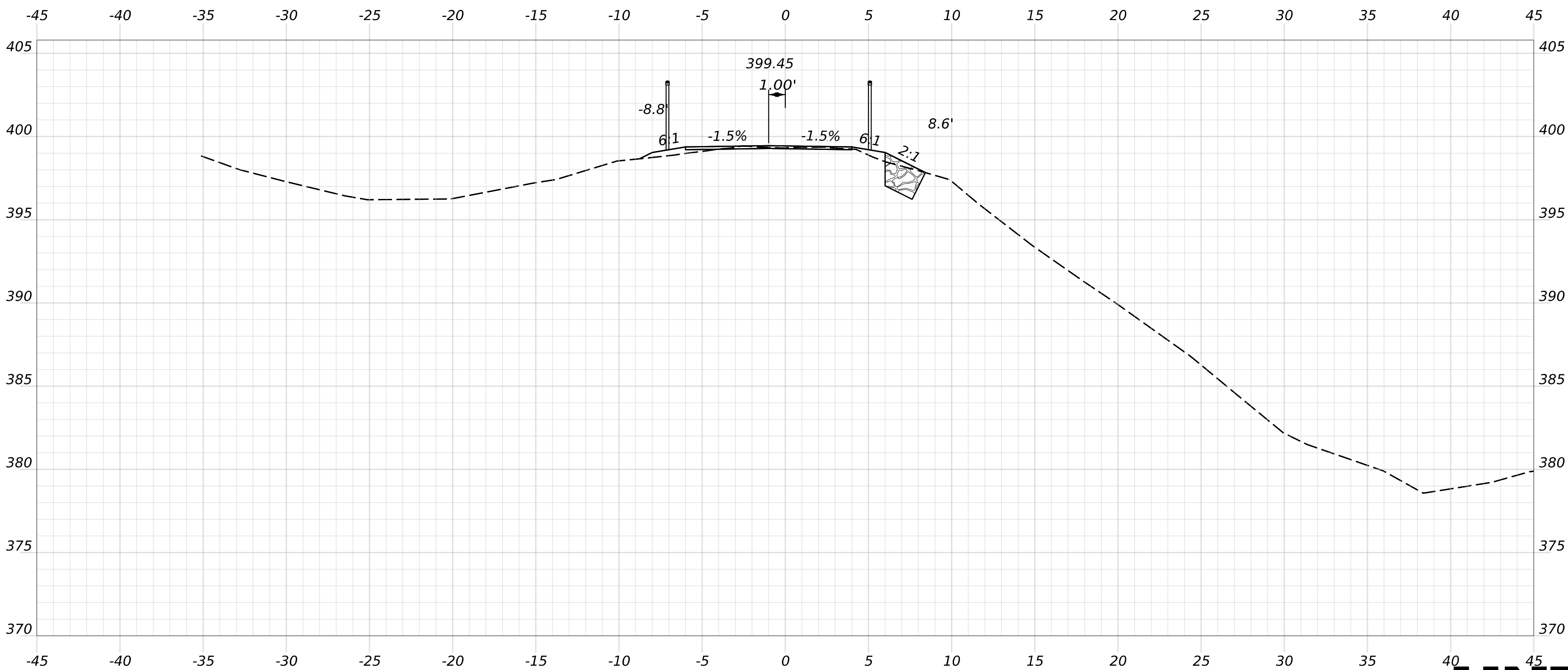
Filename: Cross Sections_(MDT_Section 2).dgn



2008+86.70 (SKEWED ALONG CULVERT)



2008+00.00



2006+00.00

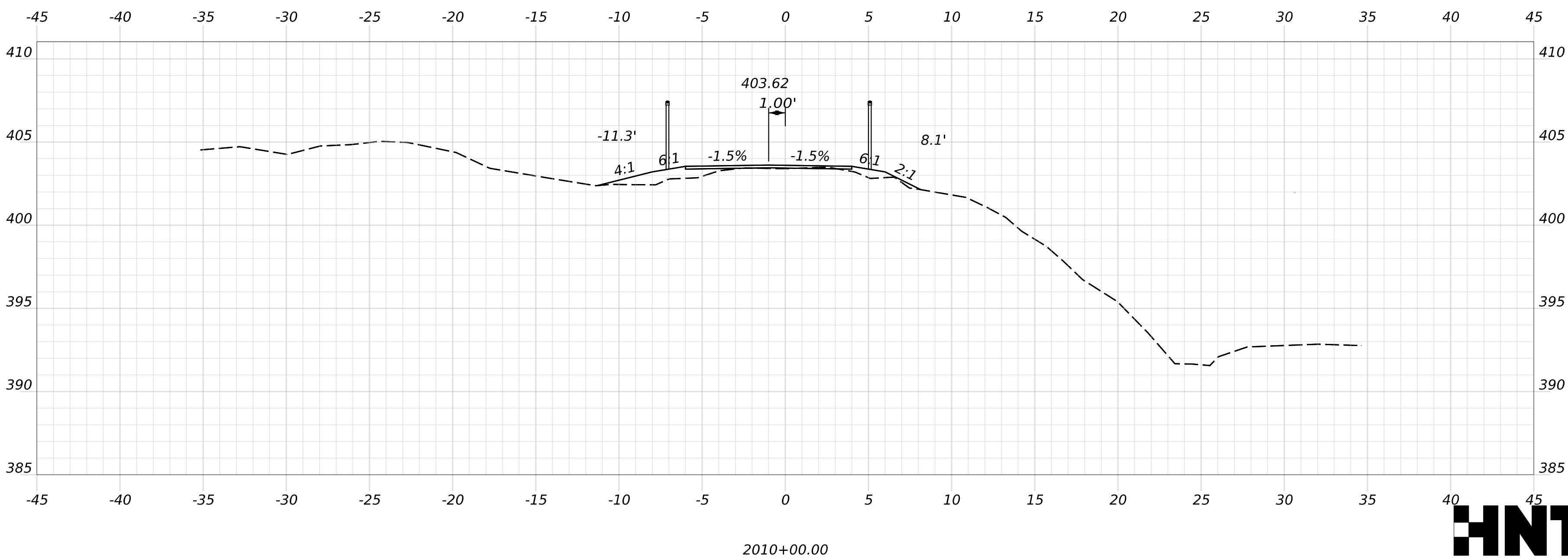
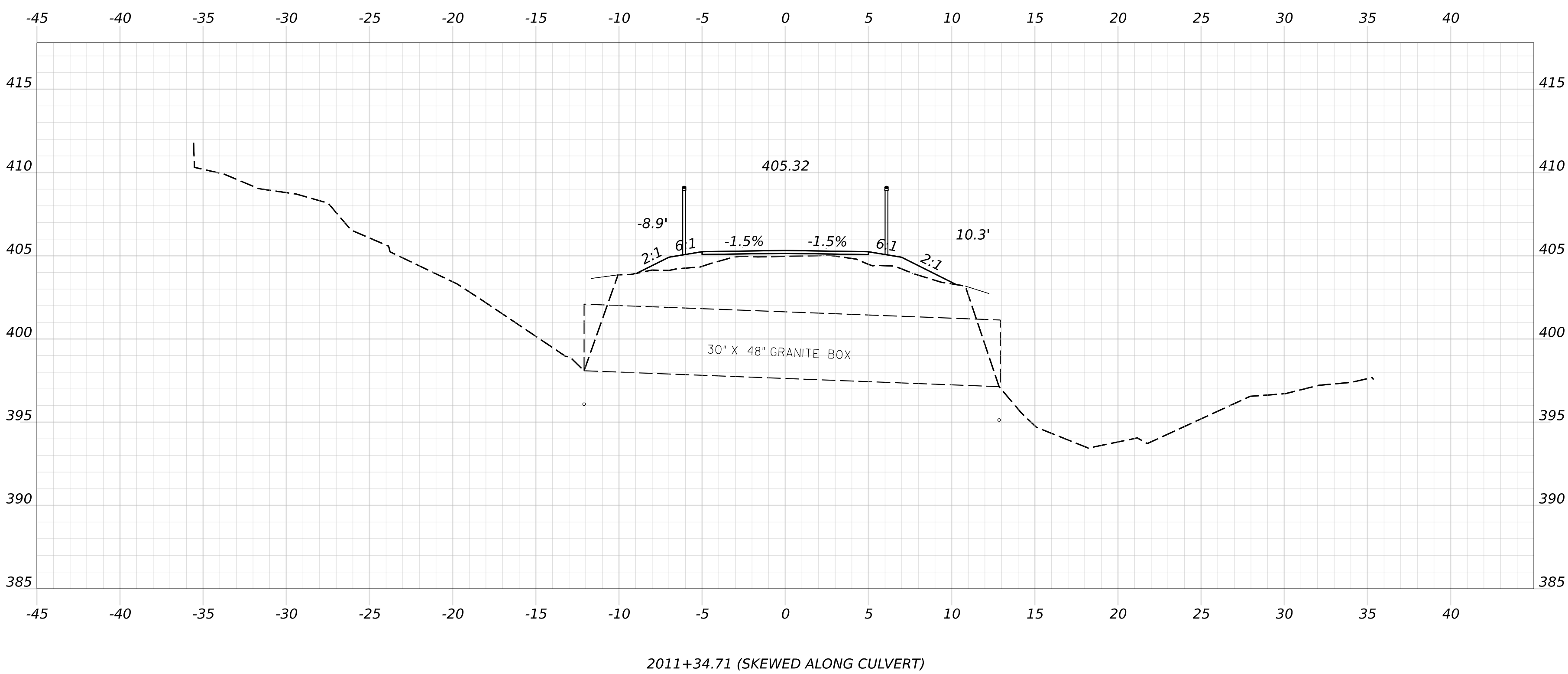
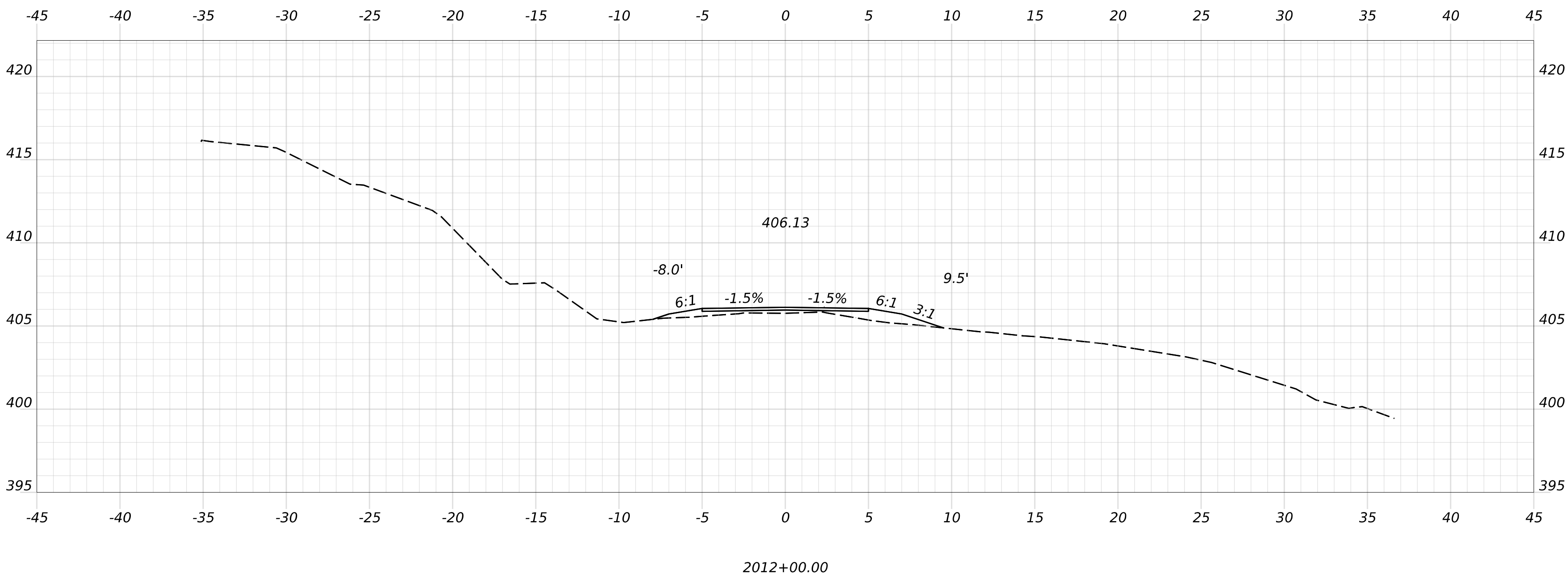


PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26
CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

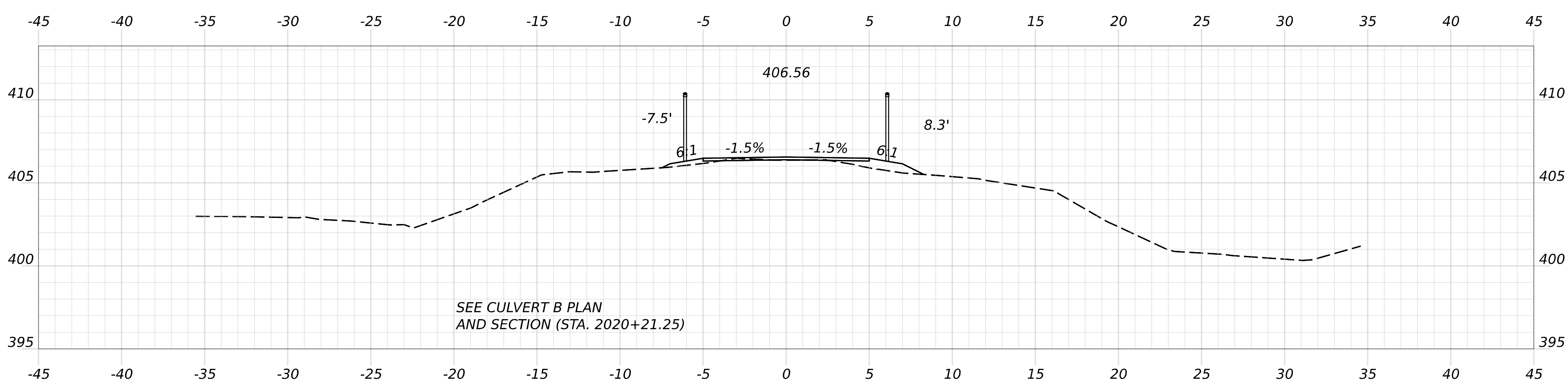
SIGNATURE
P.E. NUMBER
DATE

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
2685810	
WIN 26858.10	HIGHWAY PLANS

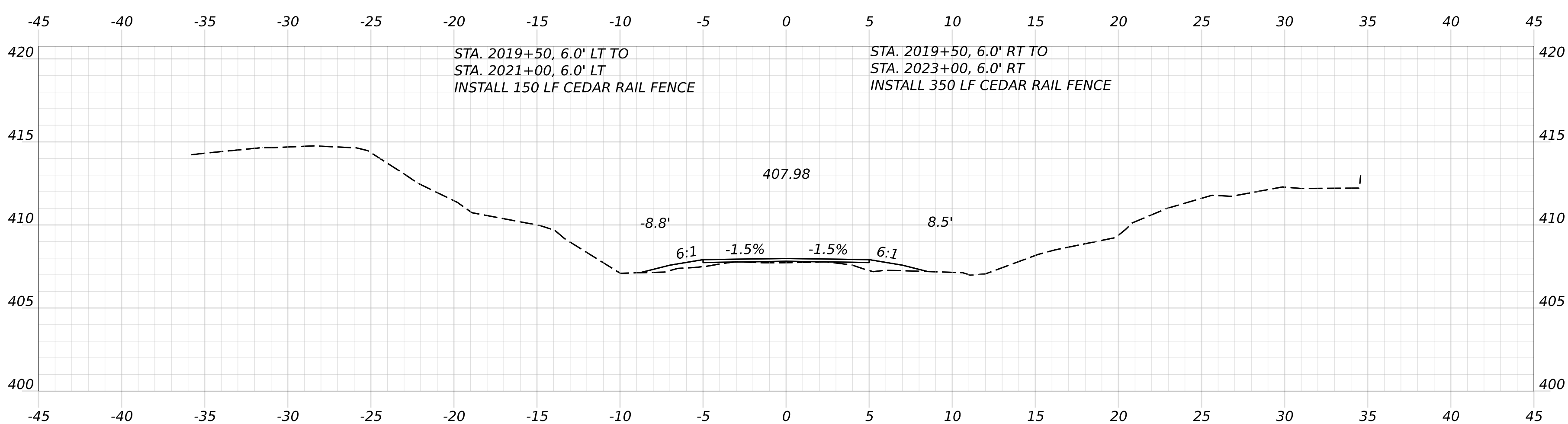
Filename: Cross Sections_(MDT_Section 2).dgn



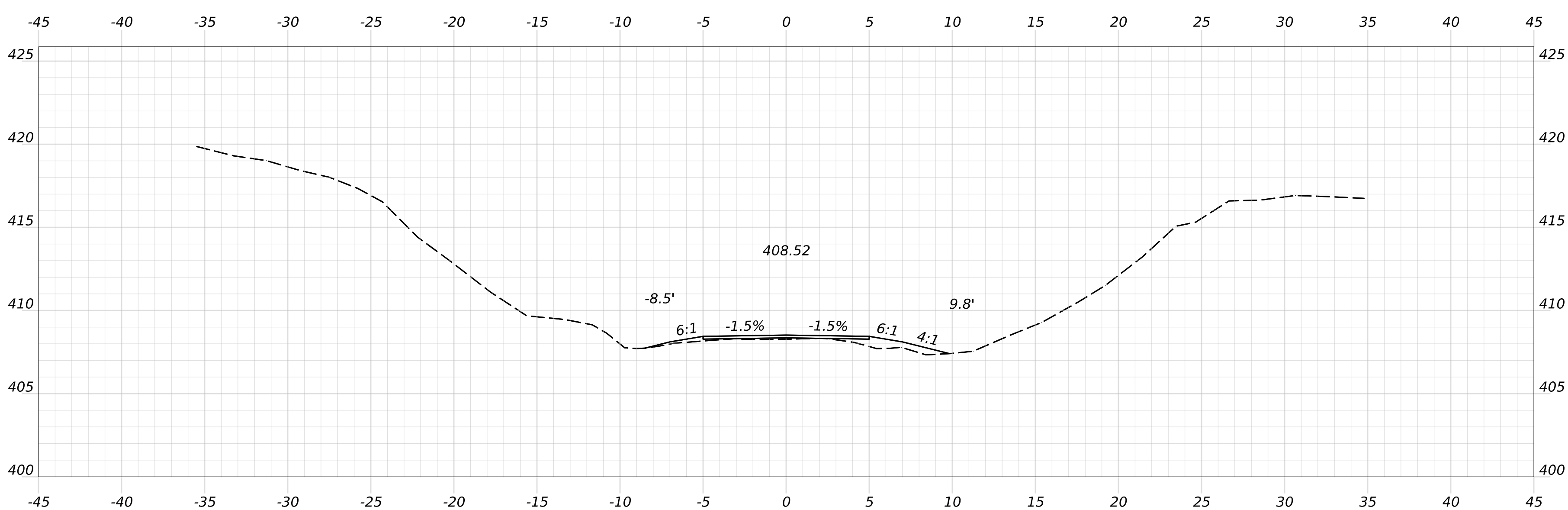
OF 236	SHEET NUMBER 123	HIRAM, BROWNFIELD, FRYEBURG MOUNTAIN DIVISION TRAIL	PROJ. MANAGER	D. LORING	BY	DATE	SIGNATURE	STATE OF MAINE			
			DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26		DEPARTMENT OF TRANSPORTATION			
			CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26		2685810			
			DESIGN2-DETAILED2					WIN			
		CROSS SECTIONS			DESIGN3-DETAILED3				P.E. NUMBER	26858.10	
					REVISIONS 1				DATE	HIGHWAY PLANS	
					REVISIONS 2						
					REVISIONS 3						
					REVISIONS 4						
					FIELD CHANGES						



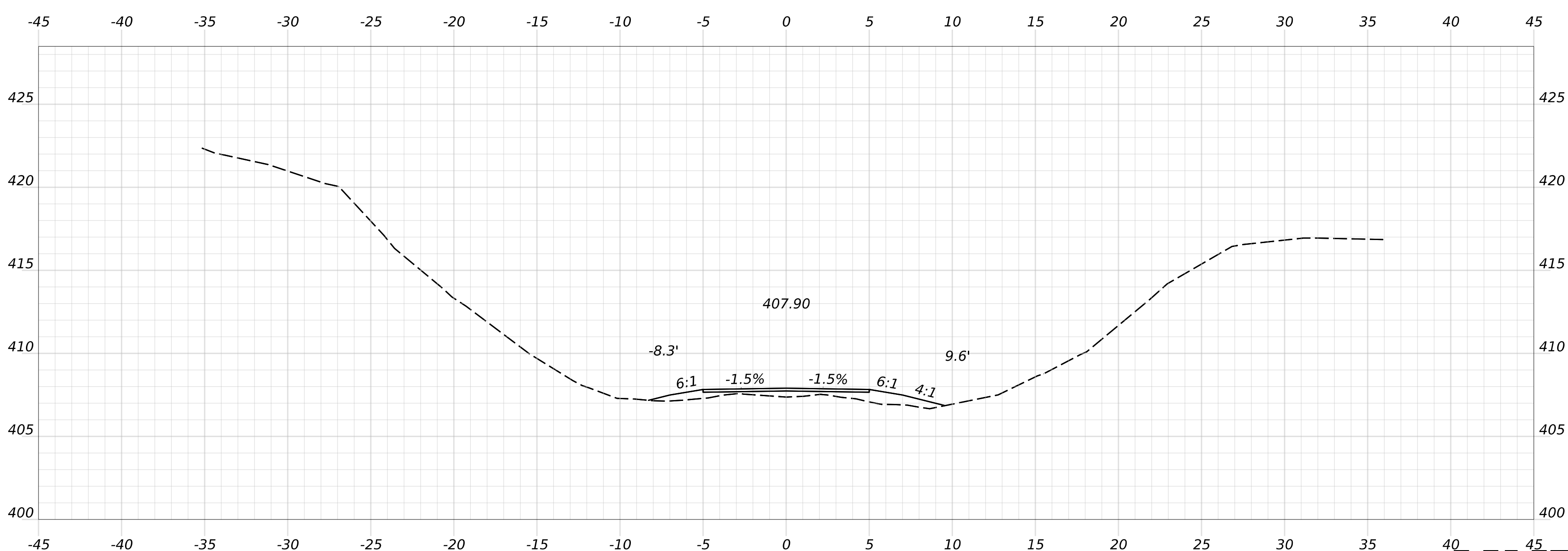
2020+00.00



2018+00.00



2016+00.00

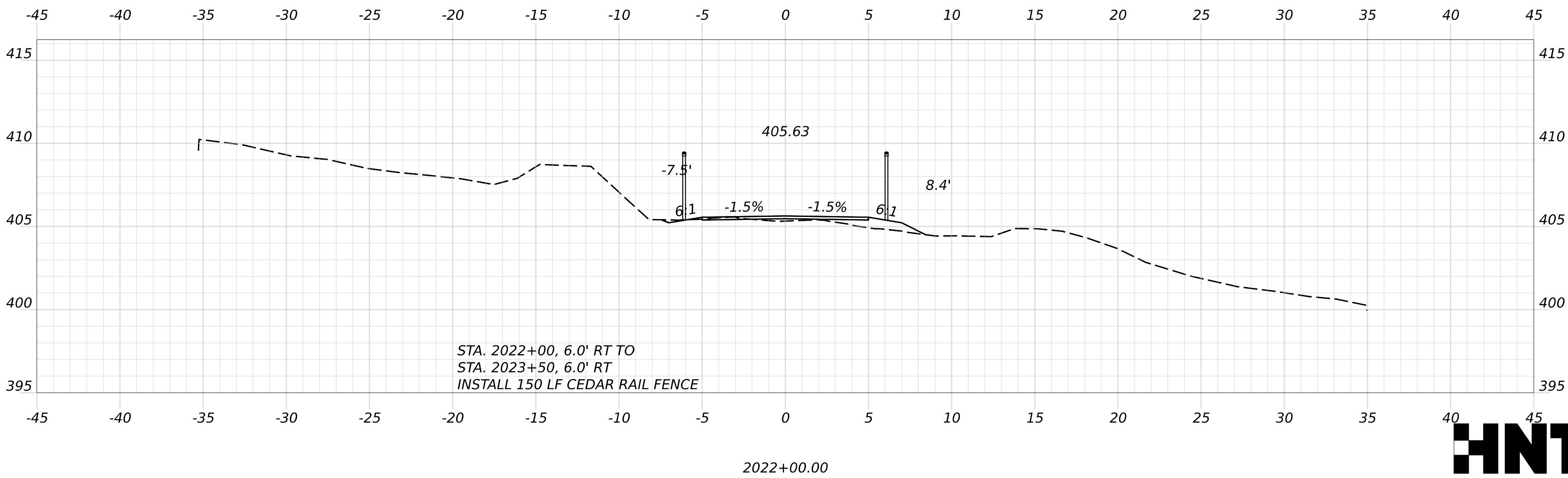
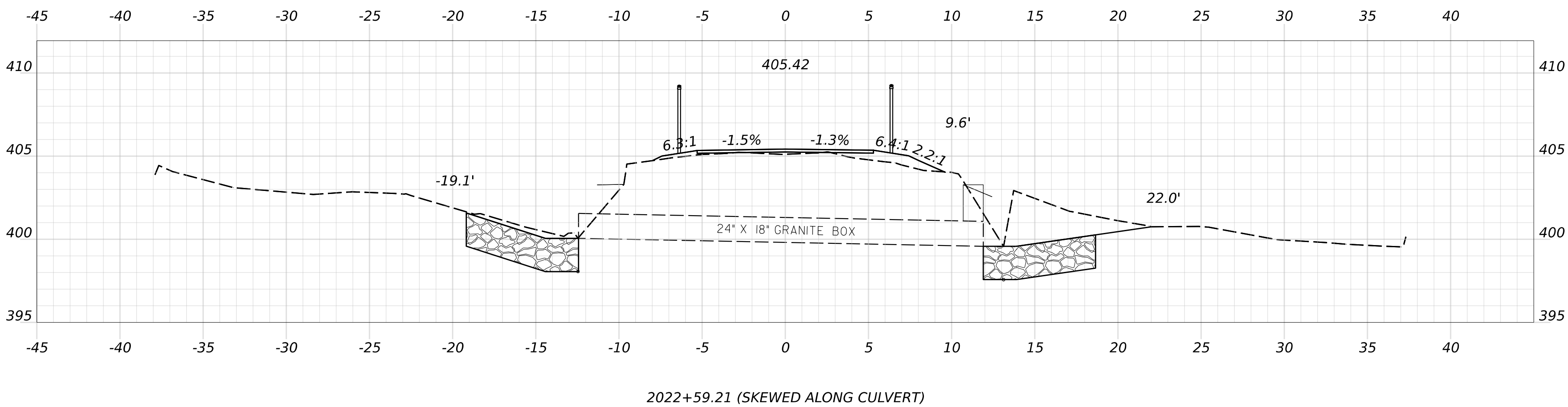
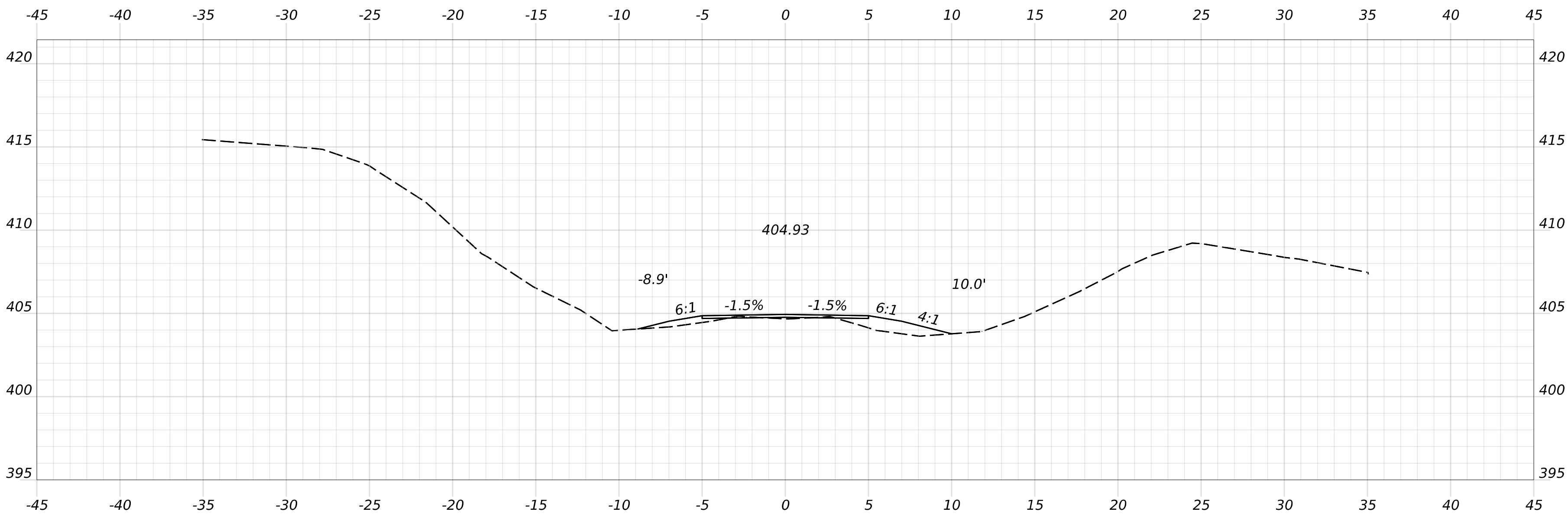


2014+00.00



OF 236	124	SHEET NUMBER	HIRAM, BROWNFIELD, FRYEBURG MOUNTAIN DIVISION TRAIL	PROJ. MANAGER	D. LORING	BY	DATE		STATE OF MAINE DEPARTMENT OF TRANSPORTATION
				DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26		
				CHECKED-APPROVED	C. HELMICK	L. ZACCHINI	09/26		
				DESIGN2-DETAILED2					
			DESIGN3-DETAILED3				P.E. NUMBER	2685810	
			REVISIONS 1						
			REVISIONS 2						
			REVISIONS 3						
CROSS SECTIONS	REVISIONS 4				DATE	WIN 26858.10 HIGHWAY PLAN			
	FIELD CHANGES								

Filename: Cross Sections_(MDT_Section 2).dgn



PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26
CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

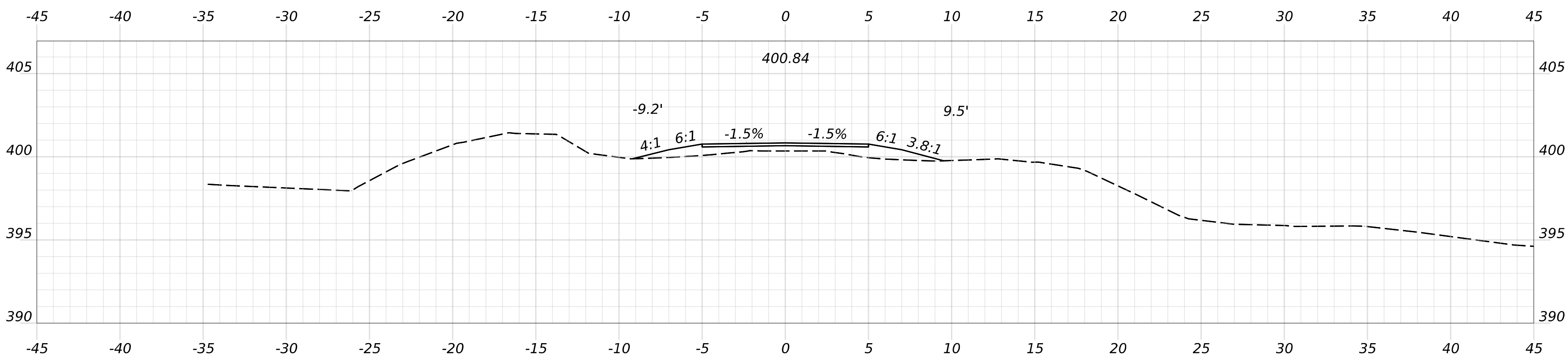
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

2685810

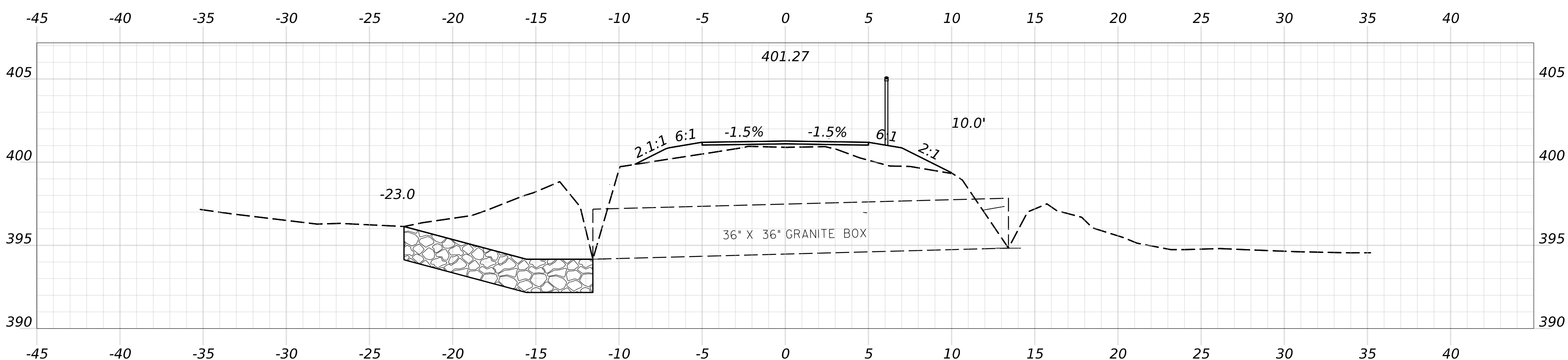
WIN
26858.10

HIGHWAY PLANS

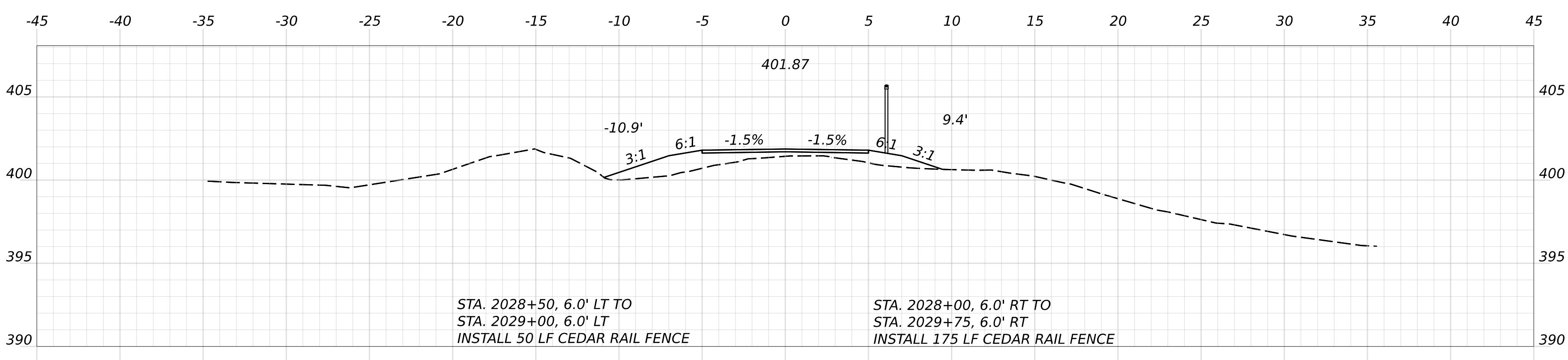
Filename: Cross Sections_(MDT_Section 2).dgn



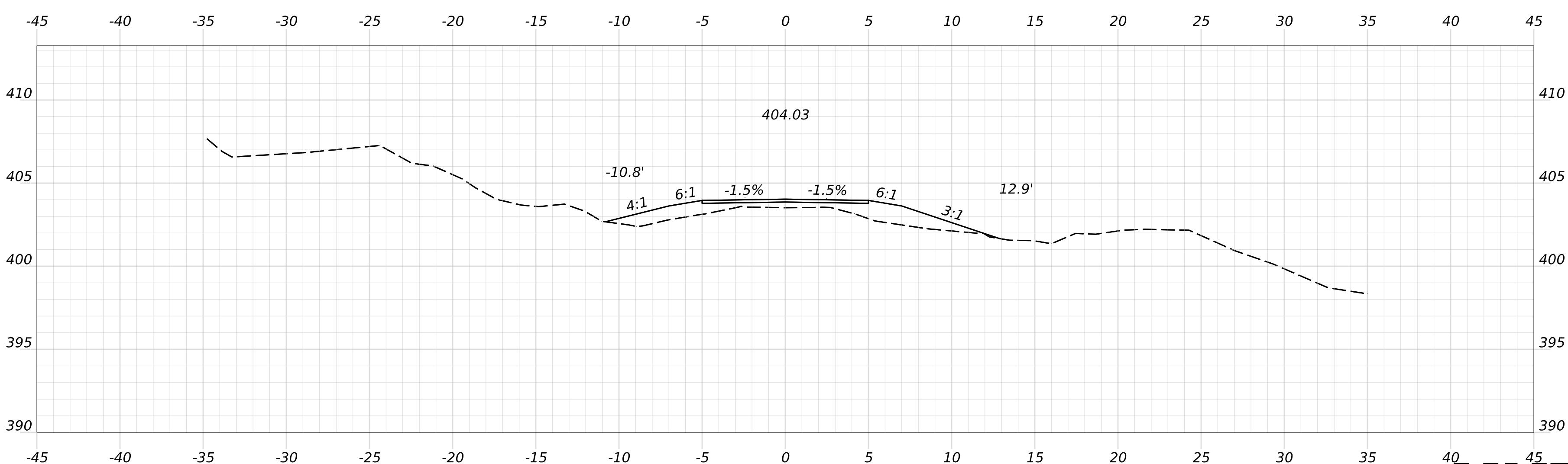
2030+00.00



2028+73.54 (SKEWED ALONG CULVERT)



2028+00.00

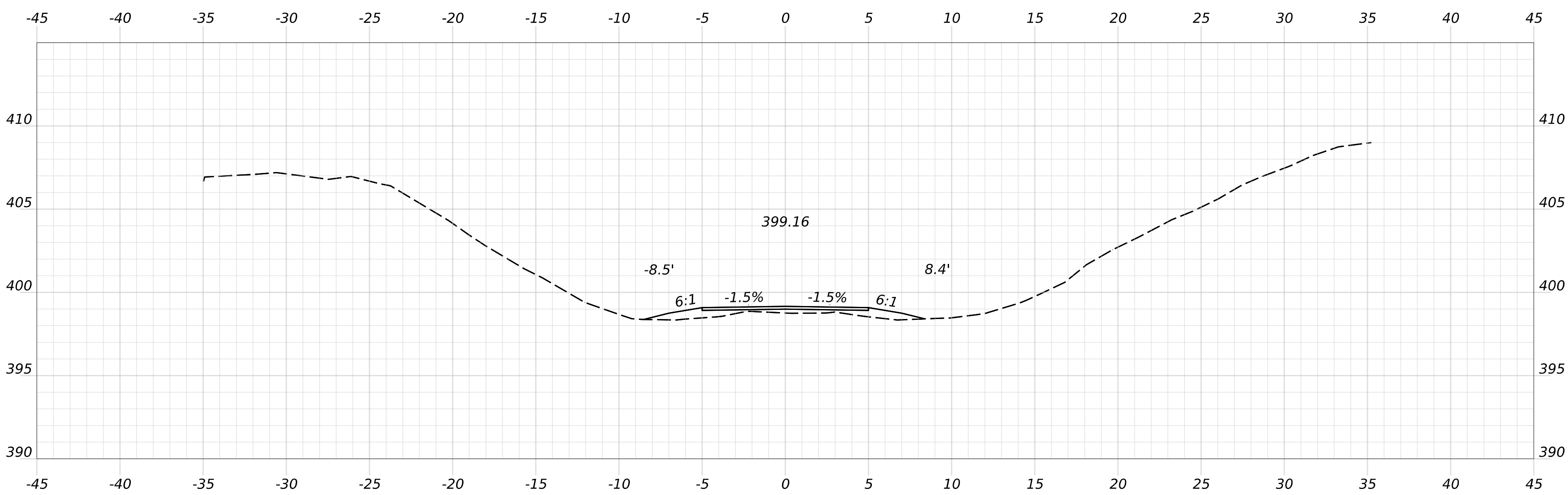


2026+00.00

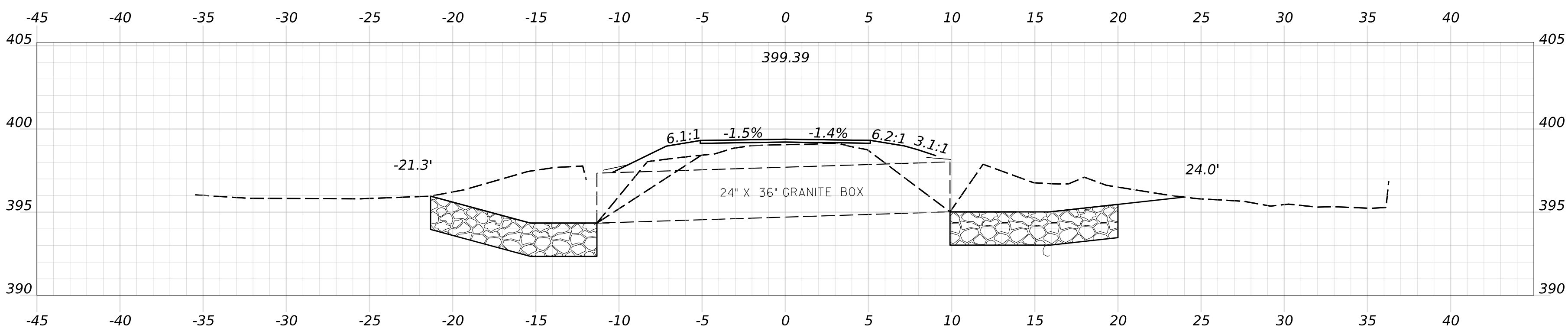


OF 236	SHEET NUMBER	HIRAM, BROWNFIELD, FRYEBURG MOUNTAIN DIVISION TRAIL				PROJ. MANAGER		D. LORING		BY		DATE		SIGNATURE	STATE OF MAINE				
		CROSS SECTIONS				DESIGN-DETAILED		E. KELSEY		E. KELSEY		09/26			DEPARTMENT OF TRANSPORTATION				
						CHECKED-REVIEWED		C. HELMICK		L. ZACCHINI		09/26							
						DESIGN2-DETAILED2													
		DESIGN3-DETAILED3										P.E. NUMBER		2685810					
						REVISIONS 1								DATE		WIN 26858.10		HIGHWAY PLANS	
						REVISIONS 2													
						REVISIONS 3													
						REVISIONS 4													
						FIELD CHANGES													

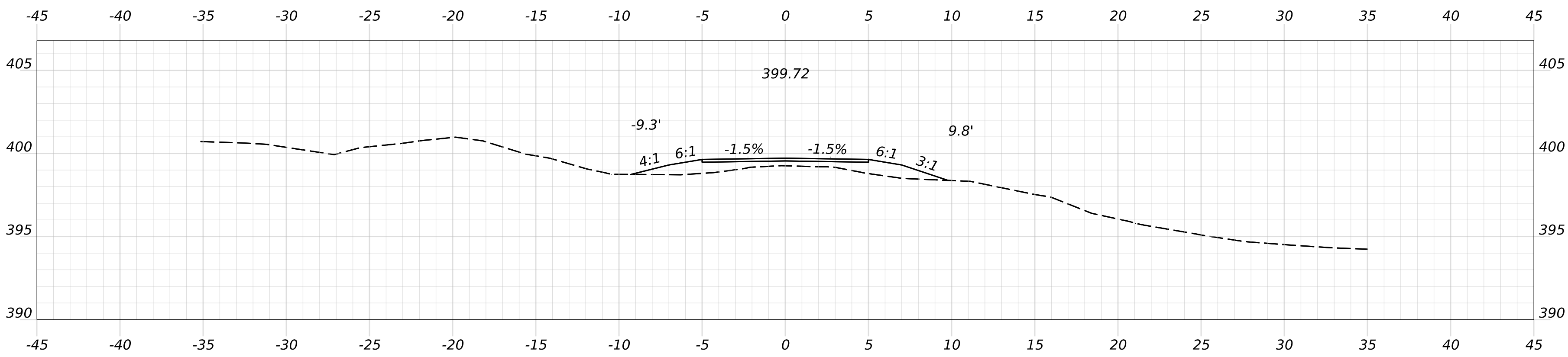
Filename: Cross Sections_(MDT_Section 2).dgn



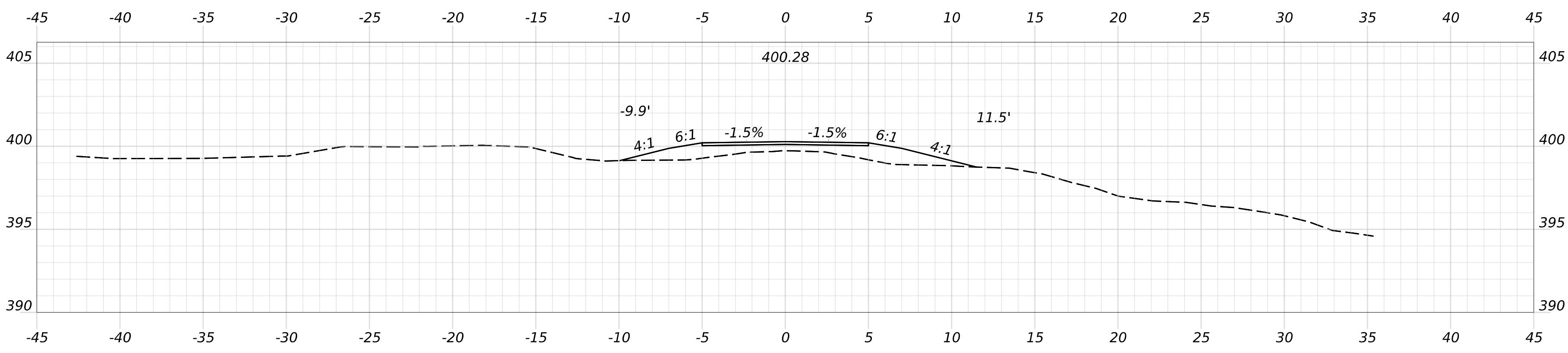
2036+00.00



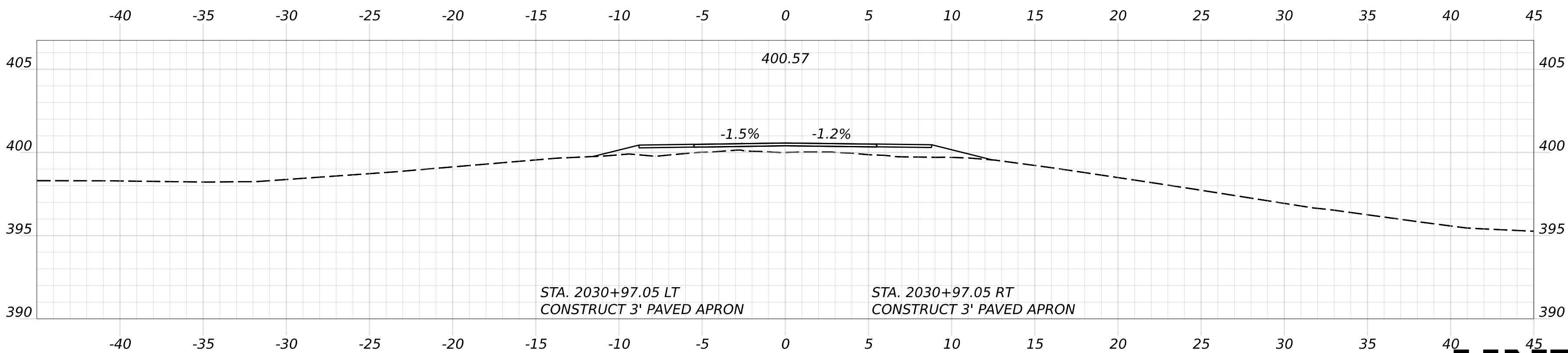
2035+19.02 (SKEWED ALONG CULVERT)



2034+00.00



2032+00.00



2030+97.05 (SKEWED ALONG FIELD ENTRANCE)

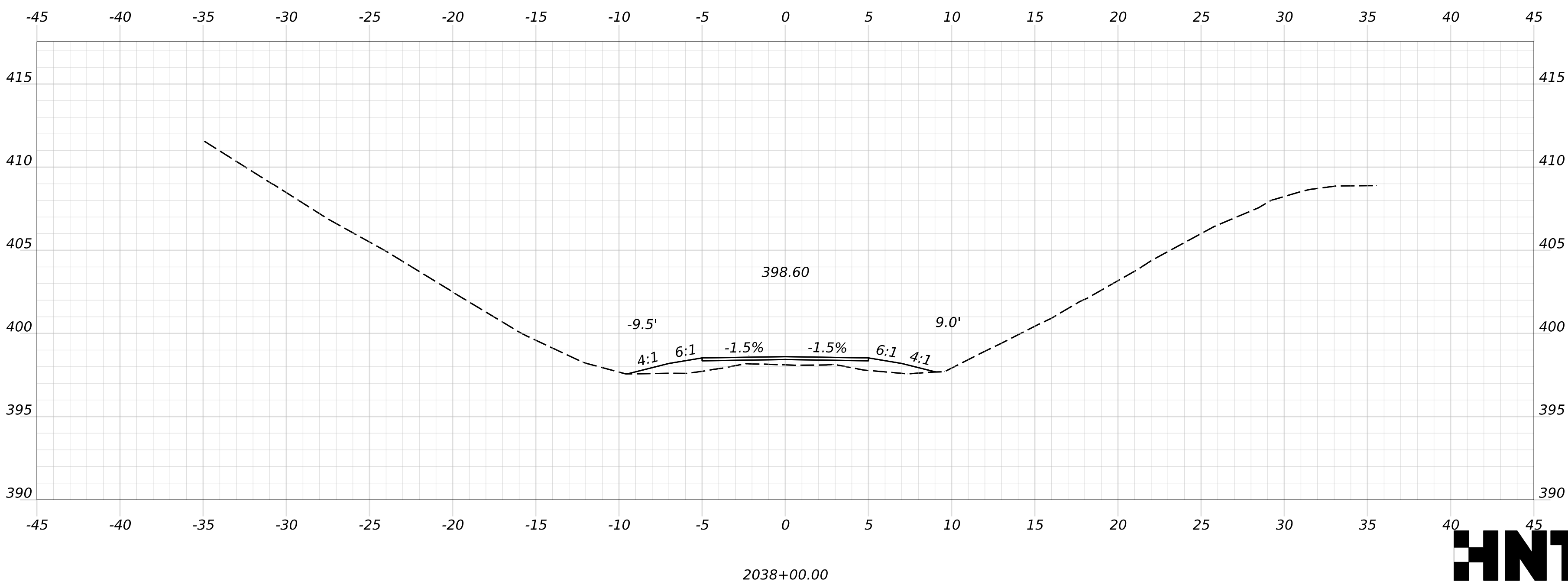
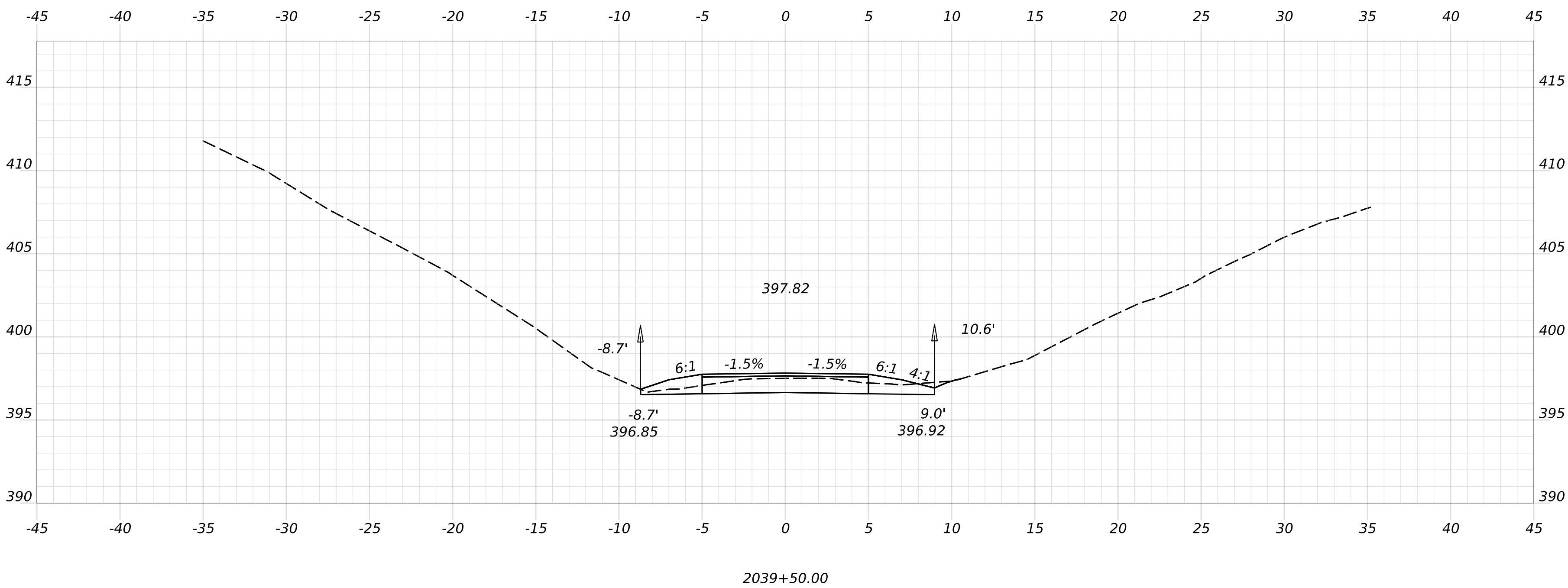
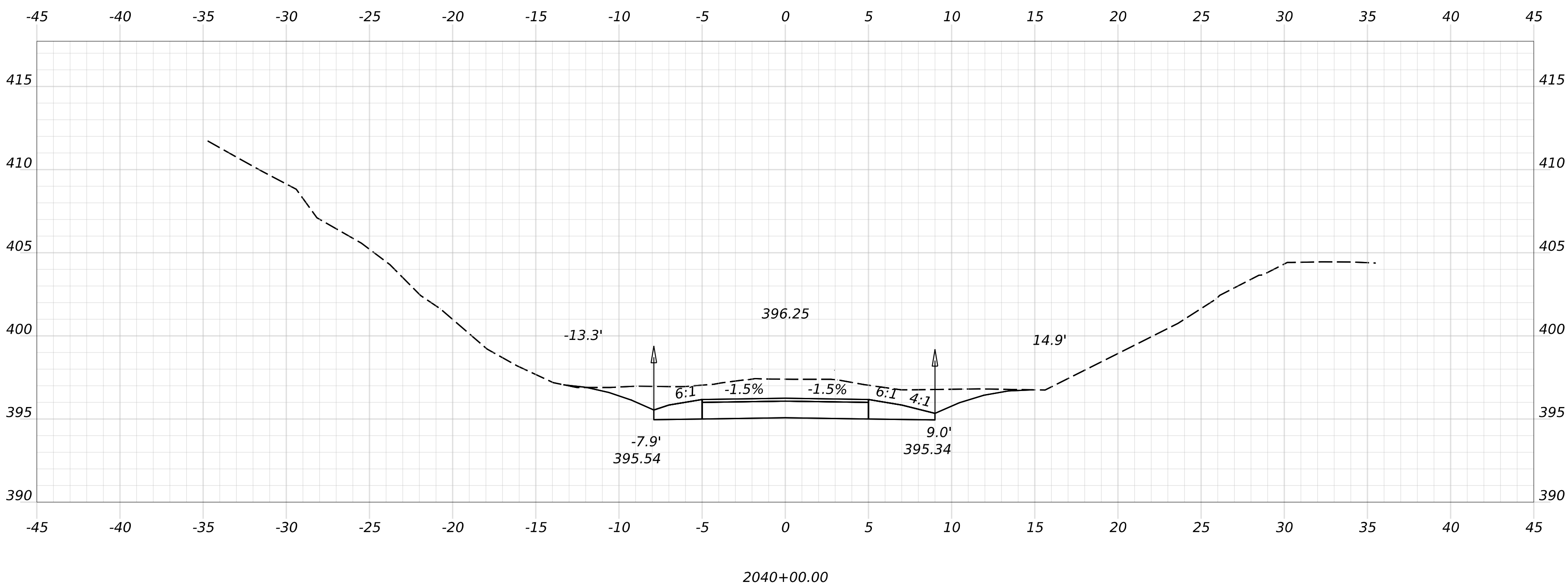
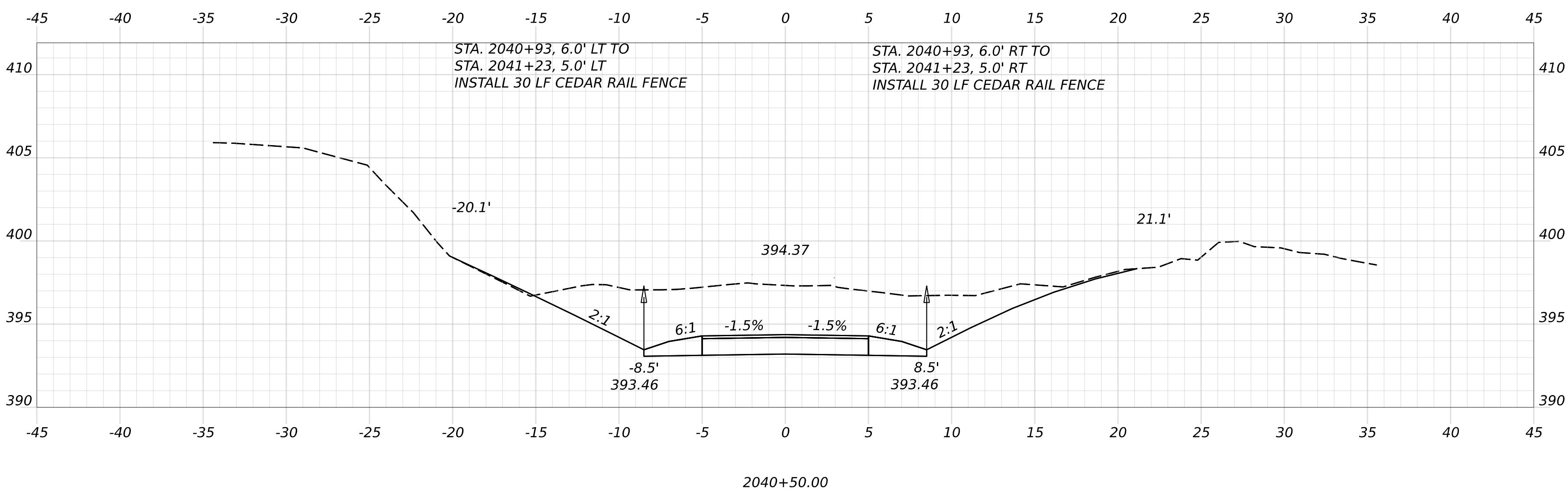


PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26
CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26
DESIGN-DETAILED2			
DESIGN-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
P.E. NUMBER
DATE

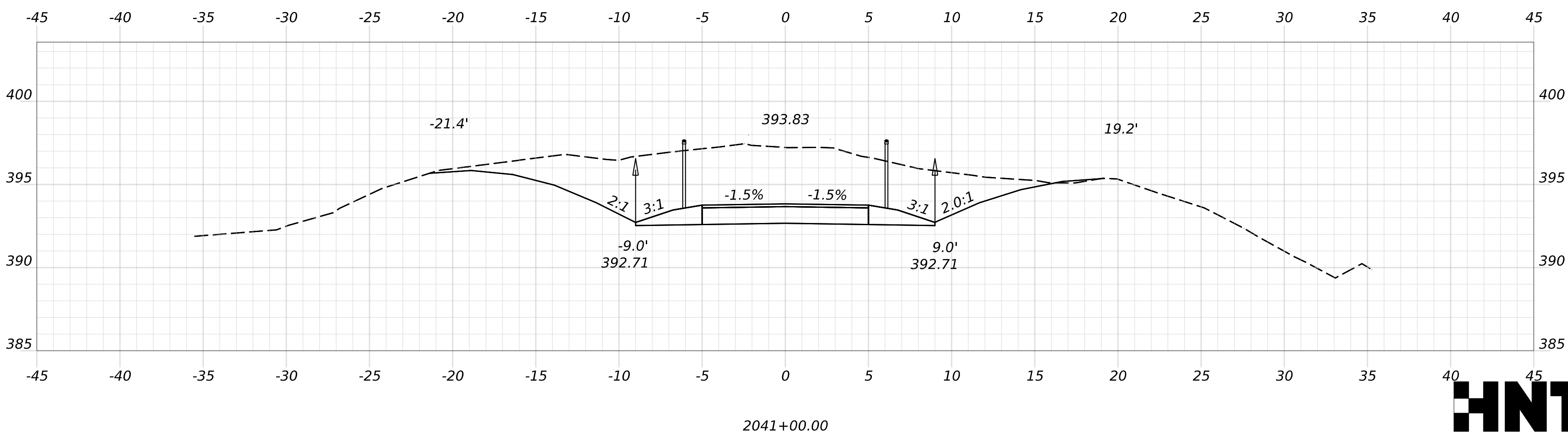
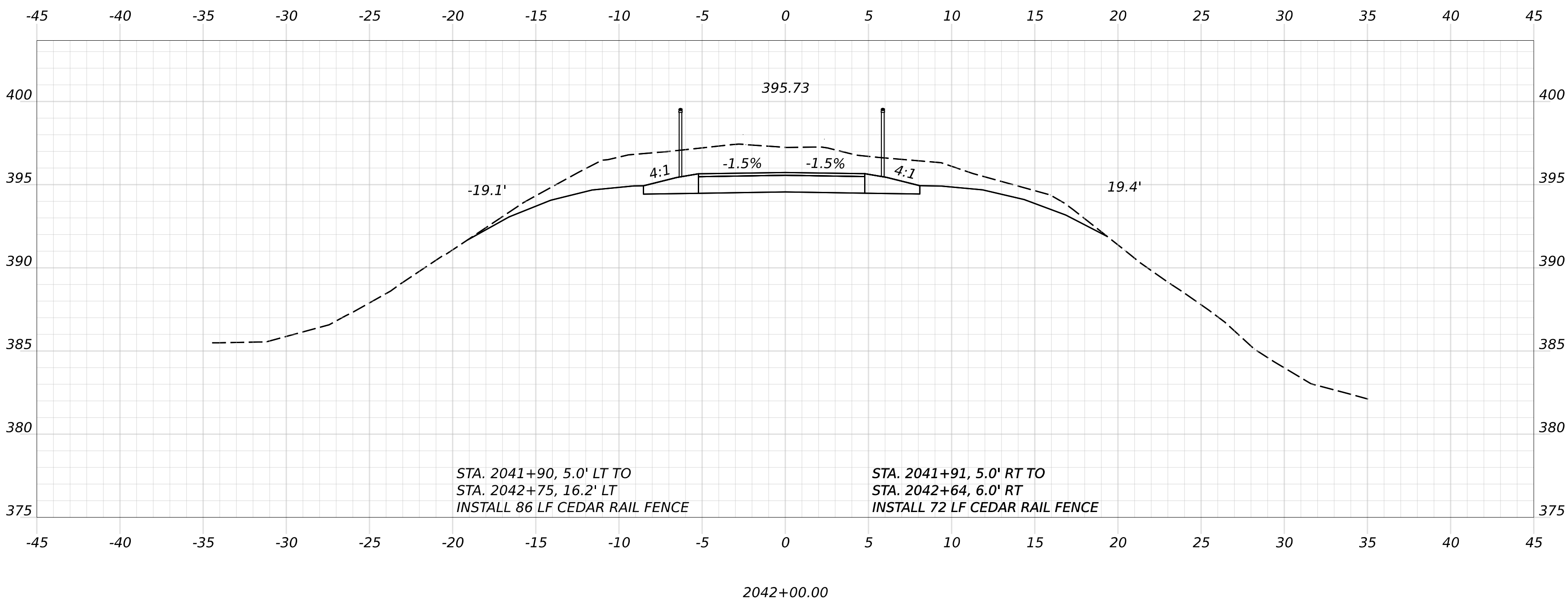
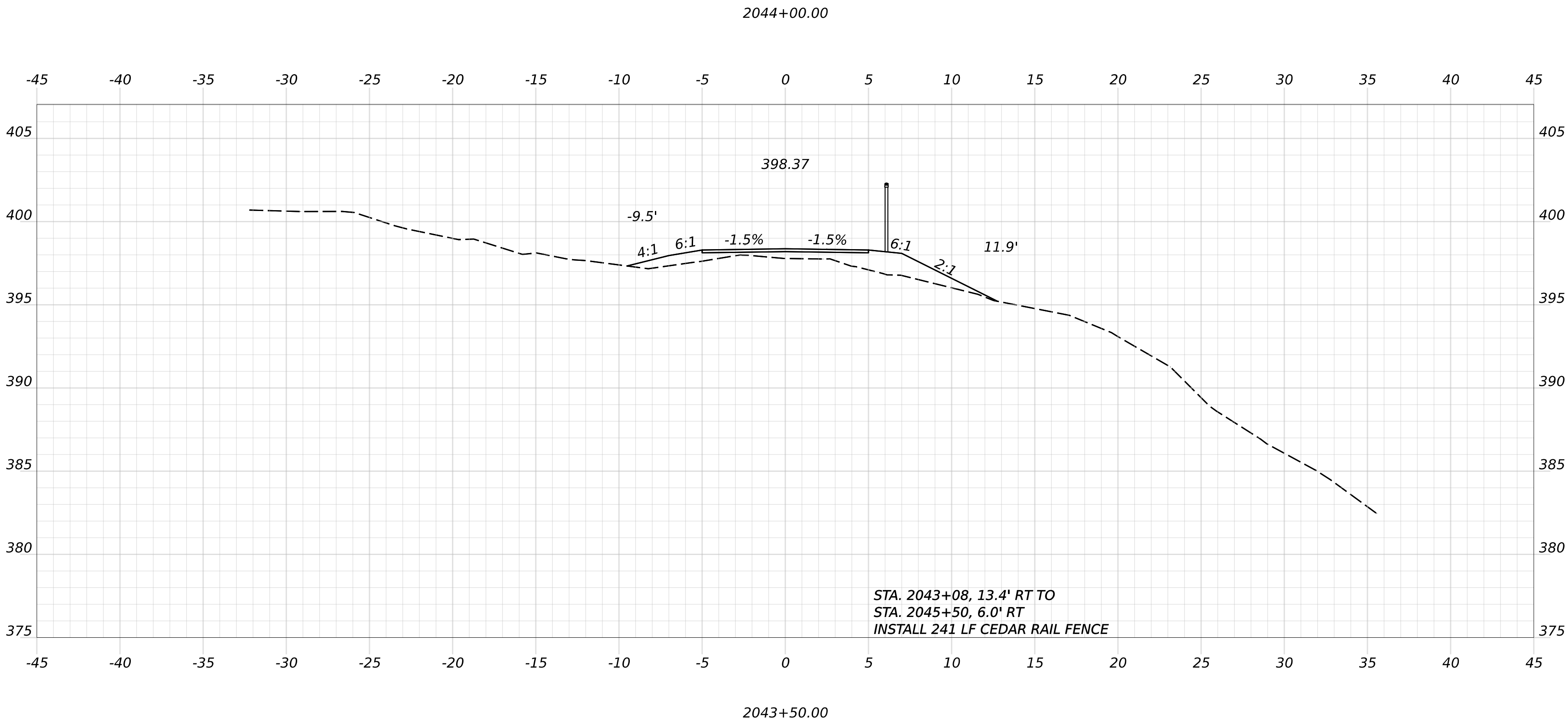
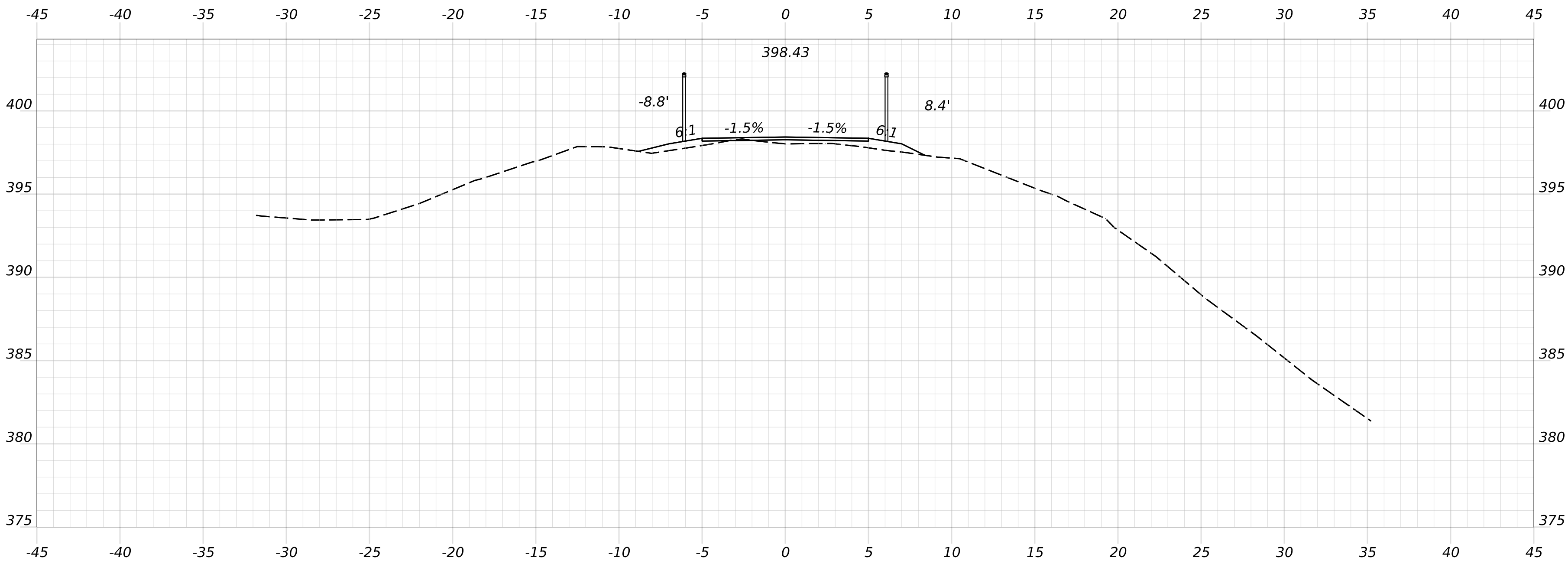
STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
2685810	
WIN 26858.10	HIGHWAY PLANS

Filename: Cross Sections_(MDT_Section 2).dgn



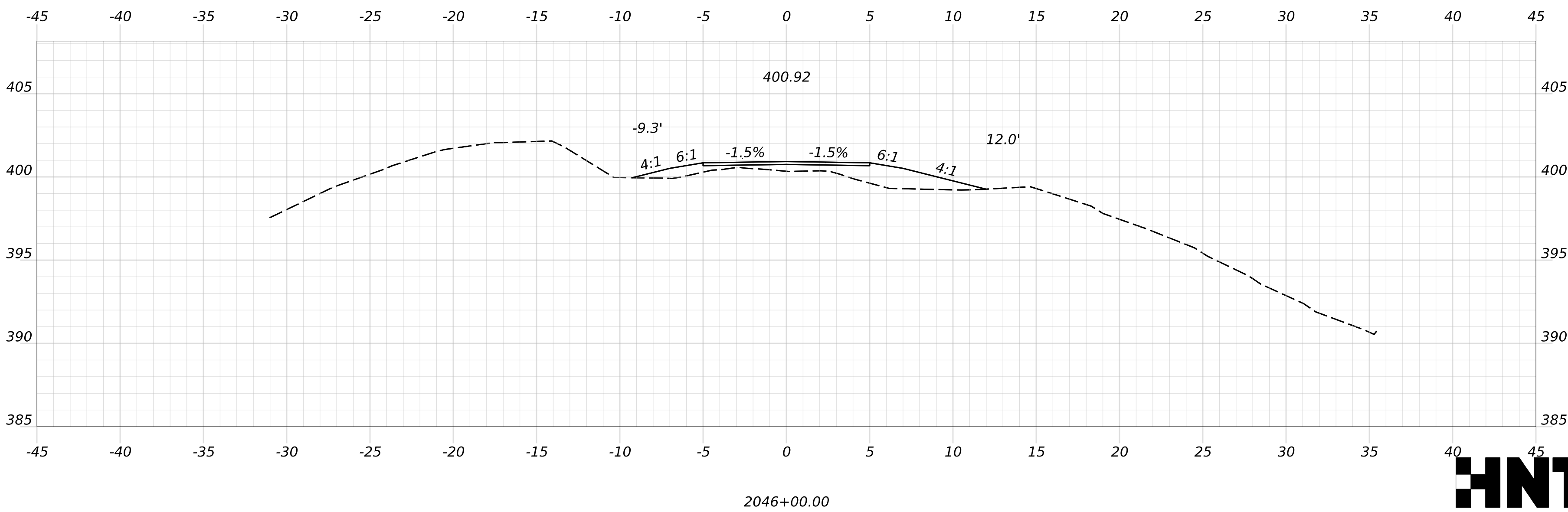
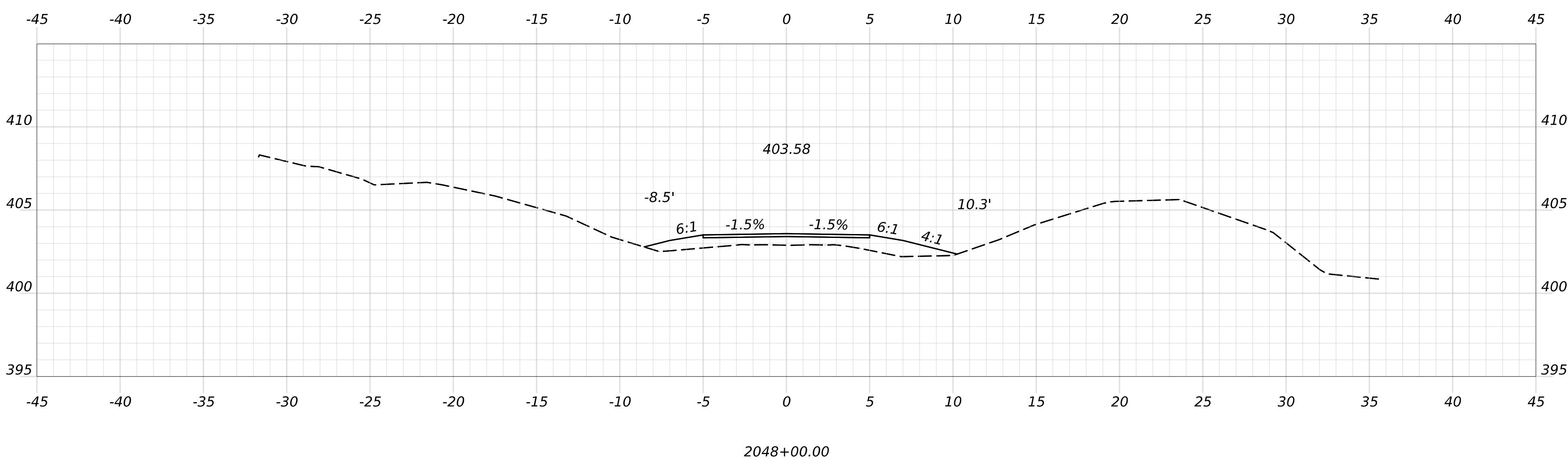
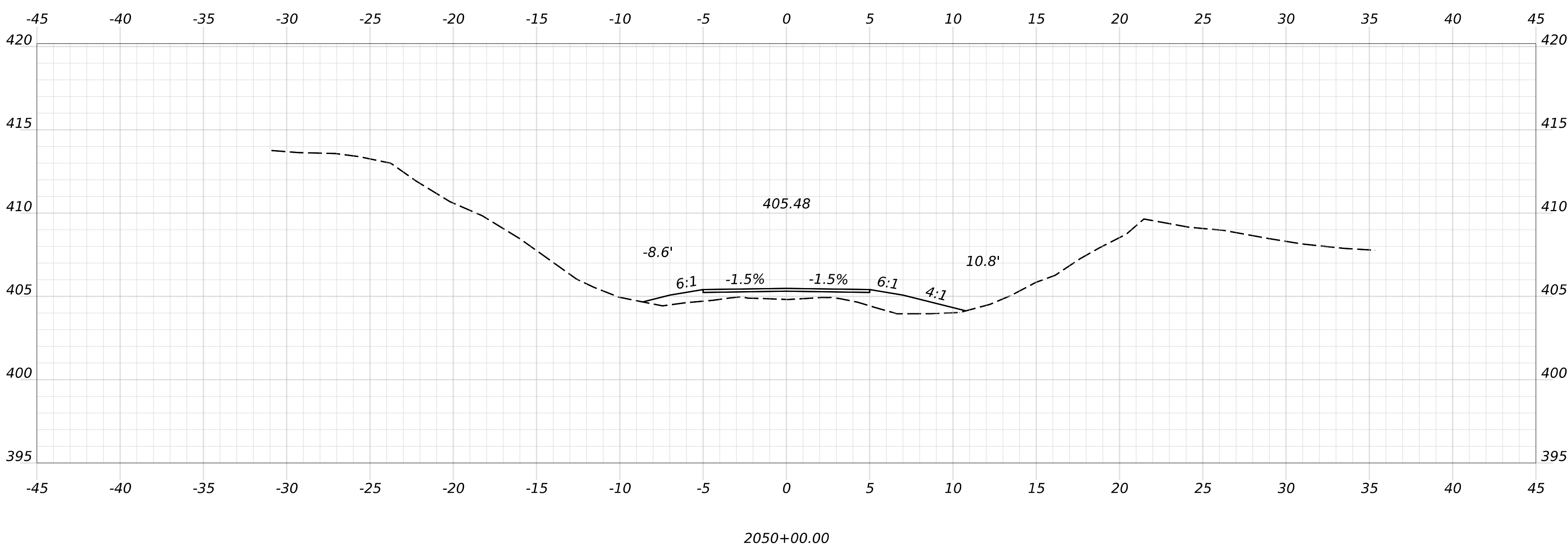
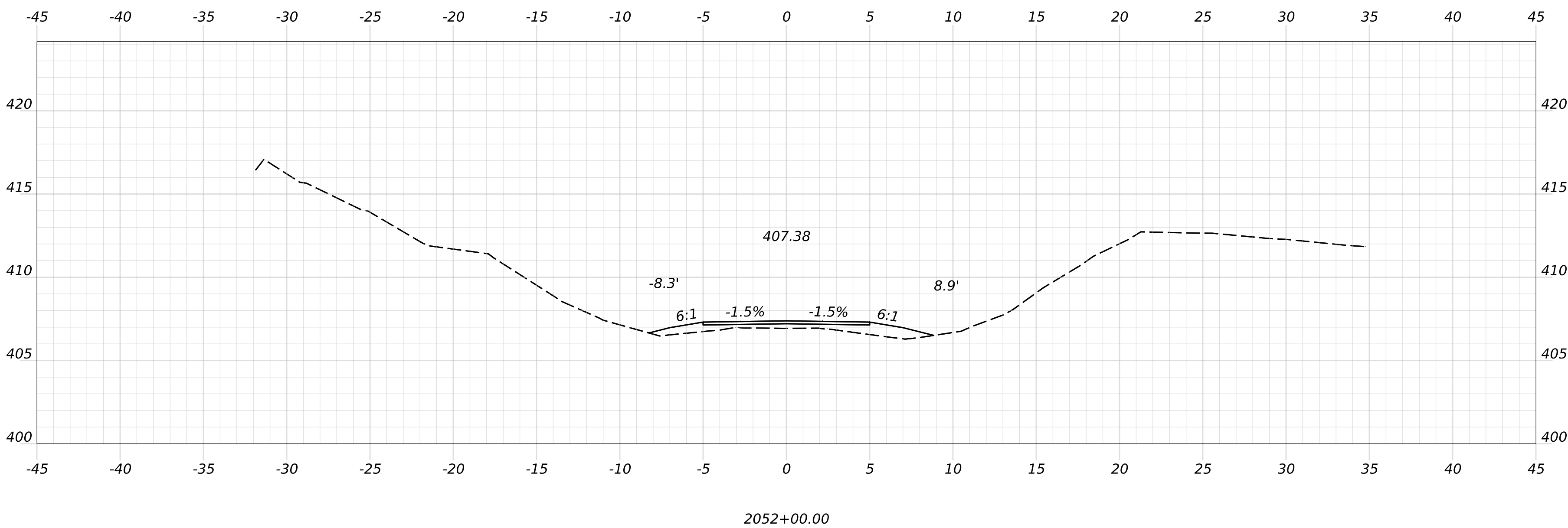
OF 236	SHEET NUMBER	HIRAM, BROWNFIELD, FRYEBURG MOUNTAIN DIVISION TRAIL	PROJ. MANAGER D. LORING			BY	DATE	SIGNATURE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
			DESIGN-DETAILED1	E. KELSEY	E. KELSEY	09/26	P.E. NUMBER		2685810	
			CHECKED-REVIEWED1	C. HELMICK	L. ZACCHINI	09/26				
			DESIGN2-DETAILED2							
		DESIGN3-DETAILED3				DATE	WIN 26858.10	HIGHWAY PLANS		
		REVISIONS 1								
		REVISIONS 2								
		REVISIONS 3								
		REVISIONS 4								
		FIELD CHANGES								
CROSS SECTIONS										

Filename: Cross Sections_(MDT_Section 2).dgn



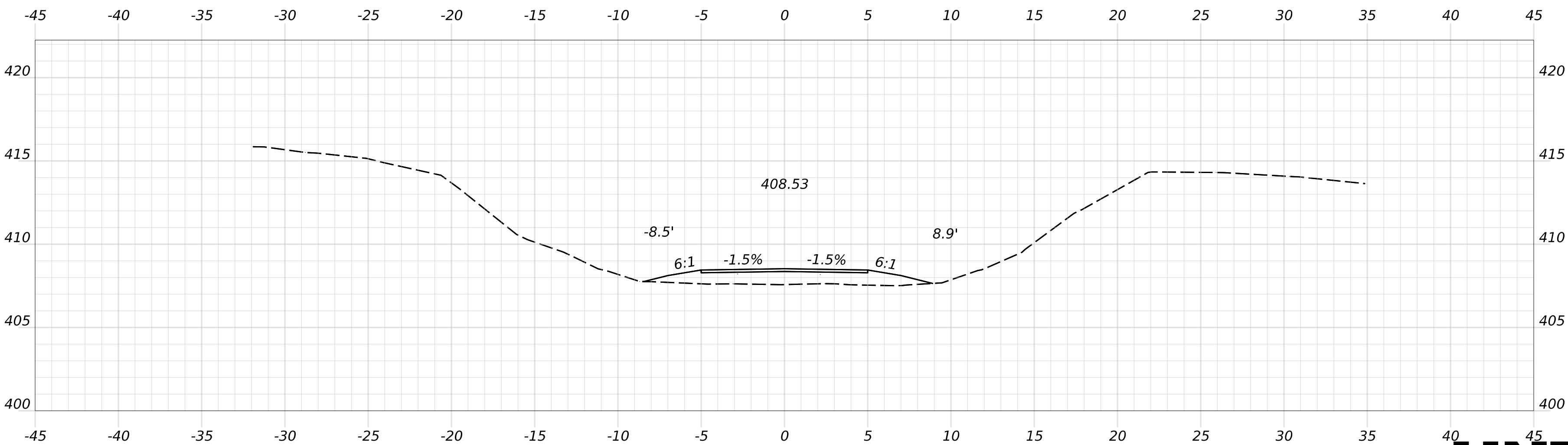
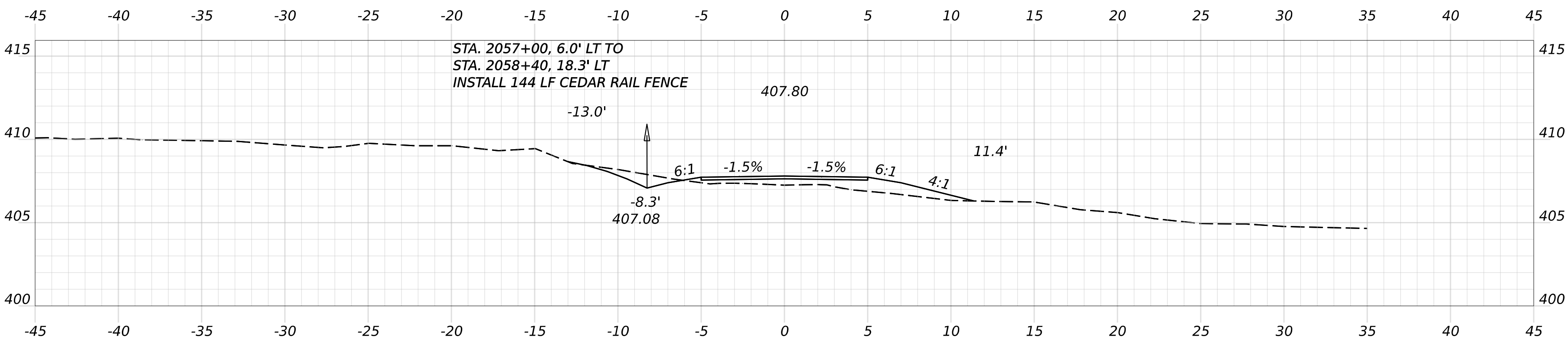
OF 236	SHEET NUMBER	HIRAM, BROWNFIELD, FRYEBURG MOUNTAIN DIVISION TRAIL	PROJ. MANAGER D. LORING			BY	DATE	SIGNATURE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION		
			DESIGN-DETAILED		E. KELSEY	E. KELSEY	09/26		P.E. NUMBER	2685810	
			CHECKED-REVIEWED		C. HELMICK	L. ZACCHINI	09/26				
			DESIGN-DETAILED2								
			DESIGN-DETAILED3								
		CROSS SECTIONS			REVISIONS 1				DATE	WIN 26858.10	HIGHWAY PLANS
					REVISIONS 2						
					REVISIONS 3						
					REVISIONS 4						
					FIELD CHANGES						

Filename: Cross Sections_(MDT_Section 2).dgn



OF 236	SHEET NUMBER	HIRAM, BROWNFIELD, FRYEBURG MOUNTAIN DIVISION TRAIL	PROJ. MANAGER D. LORING			BY	DATE		STATE OF MAINE			
			DESIGN-DETAILED		E. KELSEY	09/26	SIGNATURE		DEPARTMENT OF TRANSPORTATION			
			CHECKED-REVIEWED		C. HELMICK	L. ZACCHINI			09/26	2685810	WIN 26858.10	HIGHWAY PLANS
			DESIGN2-DETAILED2									
		DESIGN3-DETAILED3				P.E. NUMBER						
		REVISIONS 1				DATE						
		REVISIONS 2										
		REVISIONS 3										
		REVISIONS 4										
		FIELD CHANGES										
CROSS SECTIONS												

Filename: Cross Sections_(MDT_Section 2).dgn



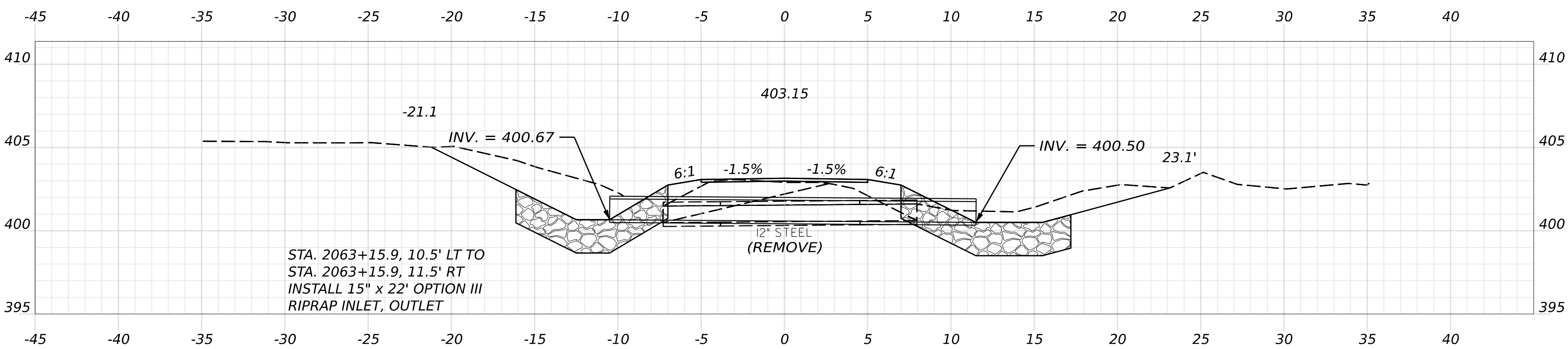
PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26
CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

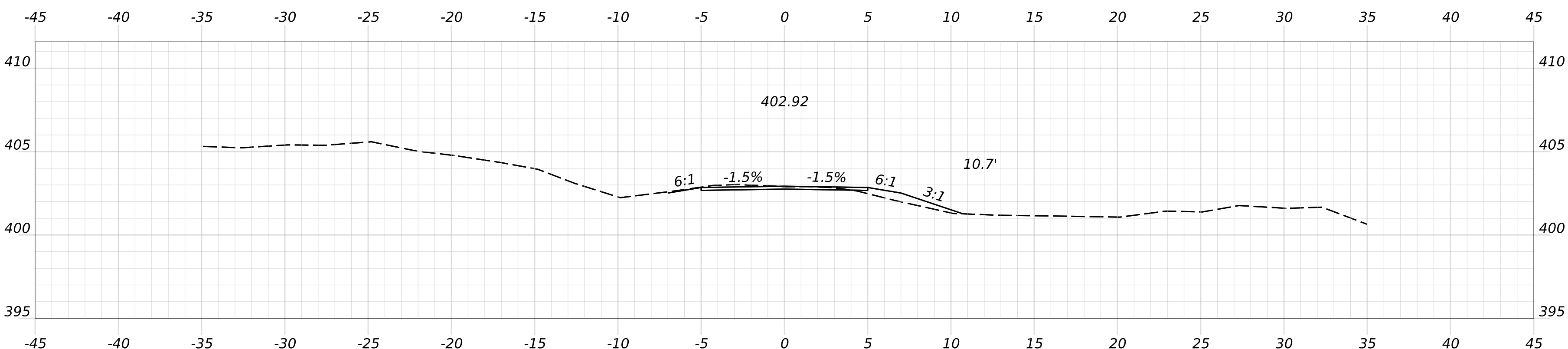
P.E. NUMBER

DATE

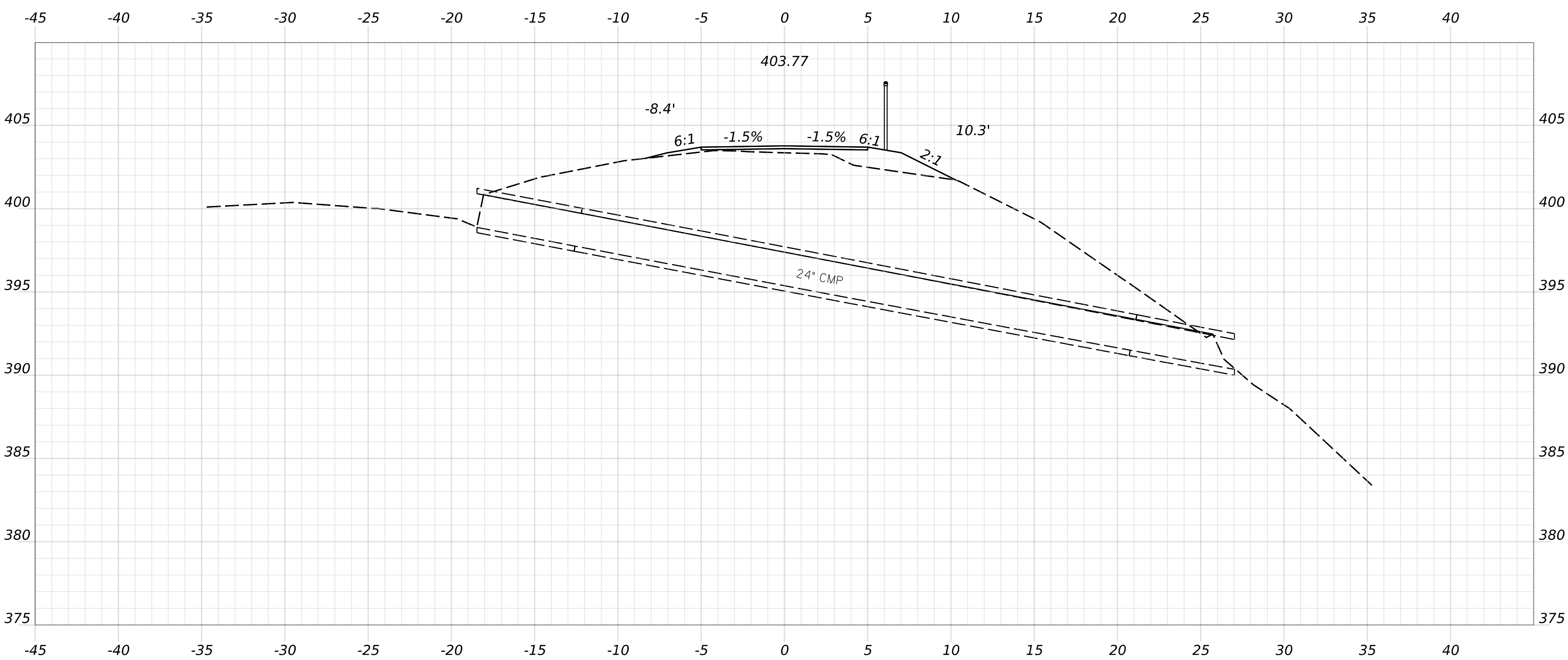
Filename: Cross Sections_(MDT_Section 3).dgn



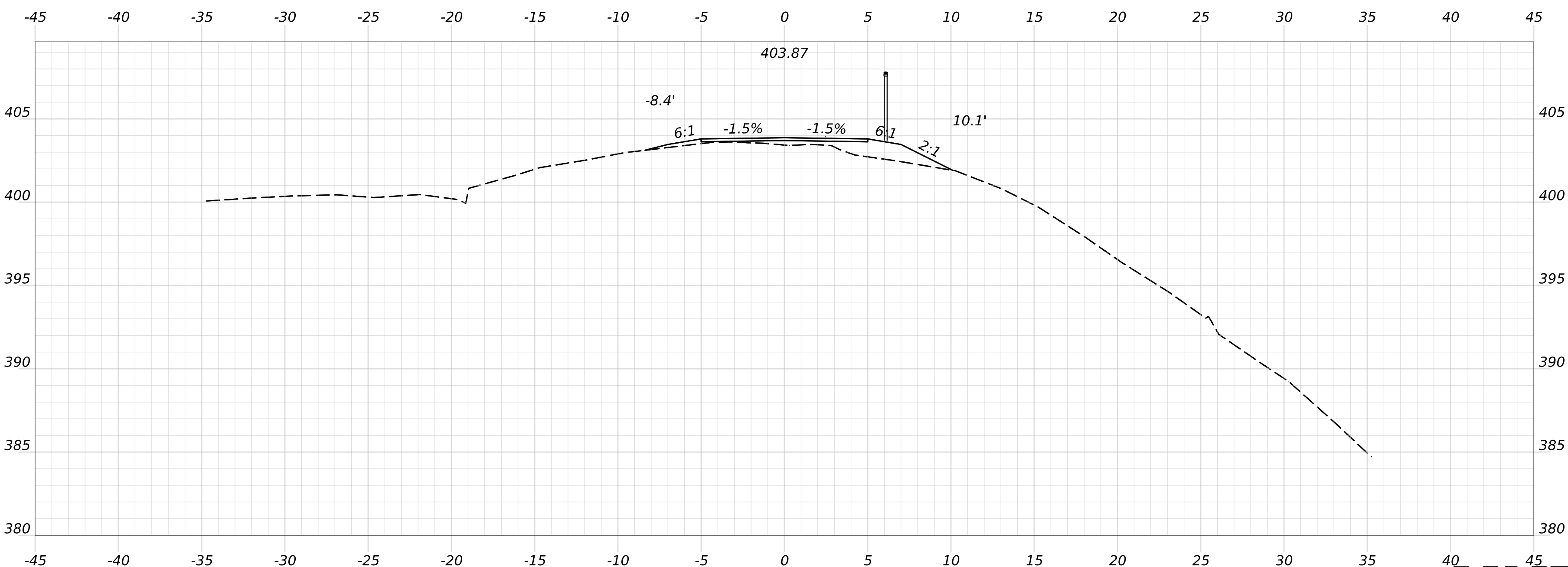
2063+15.92 (SKEWED ALONG CULVERT)



2062+00.00



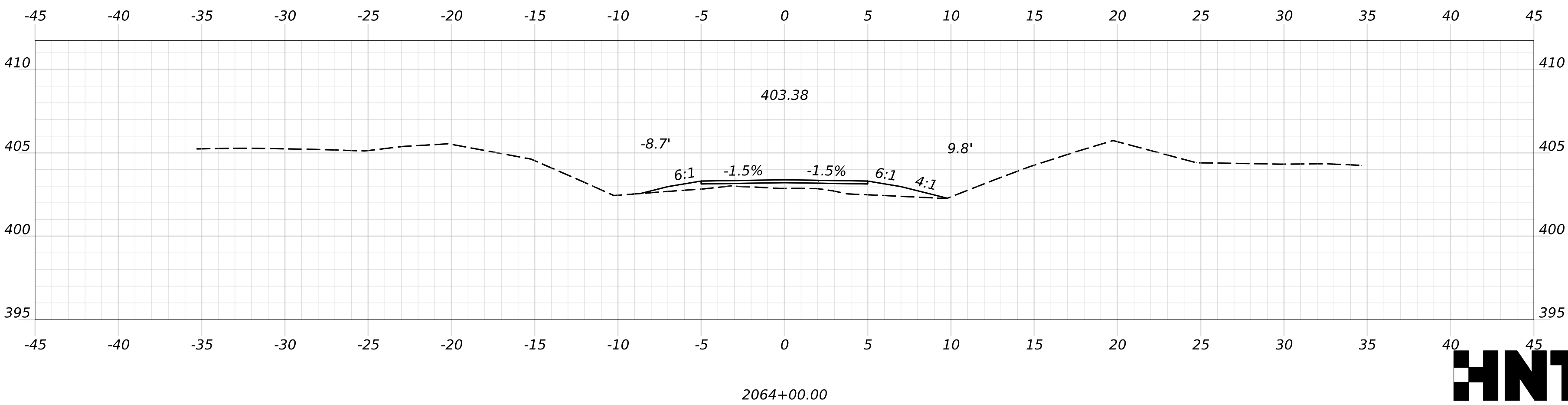
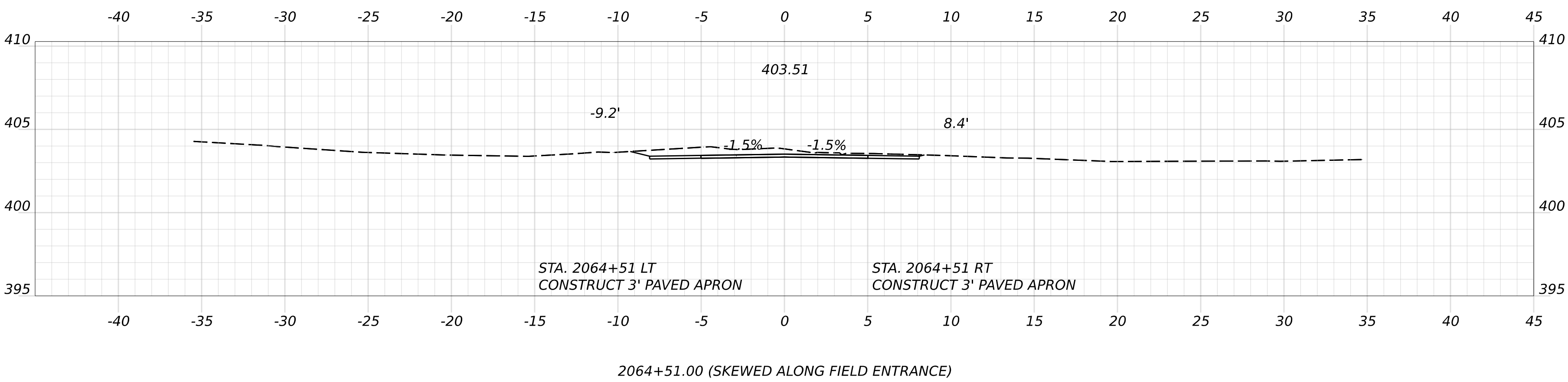
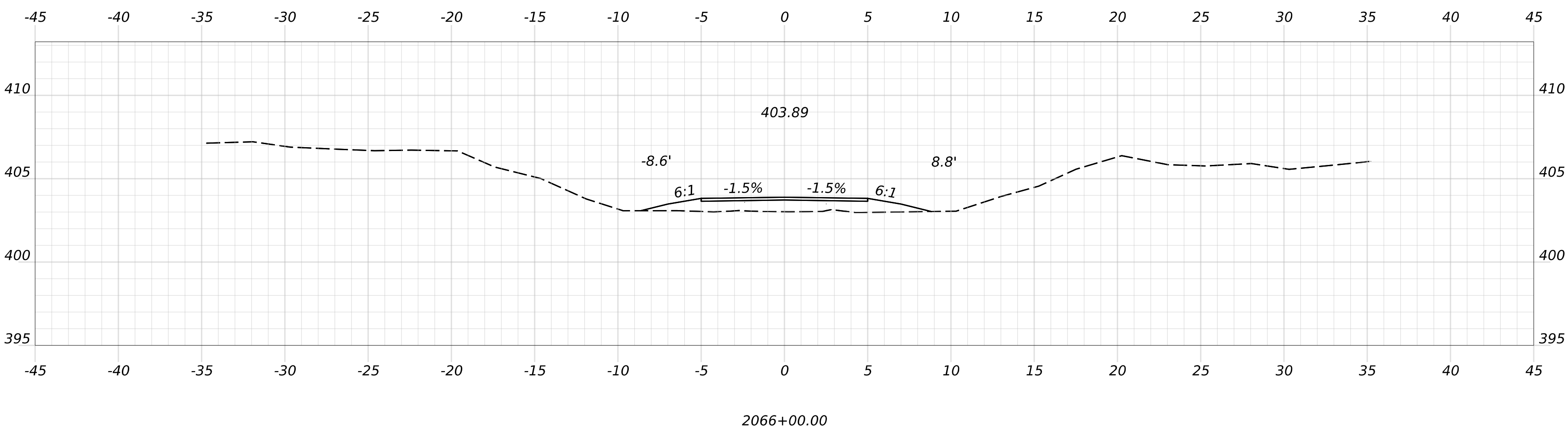
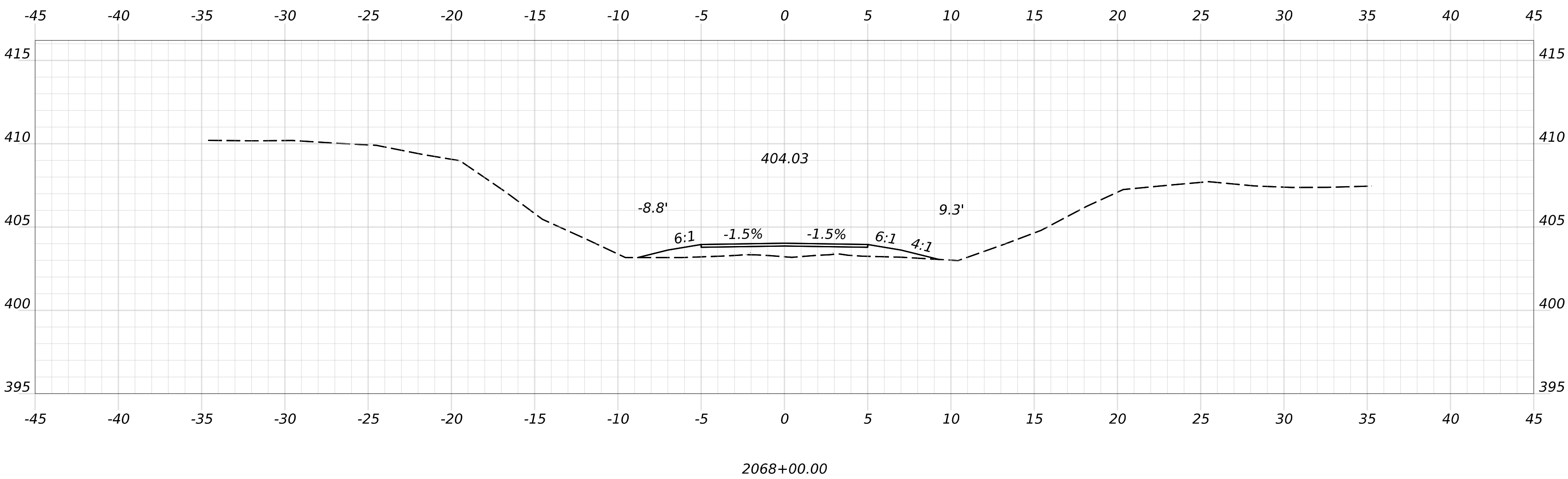
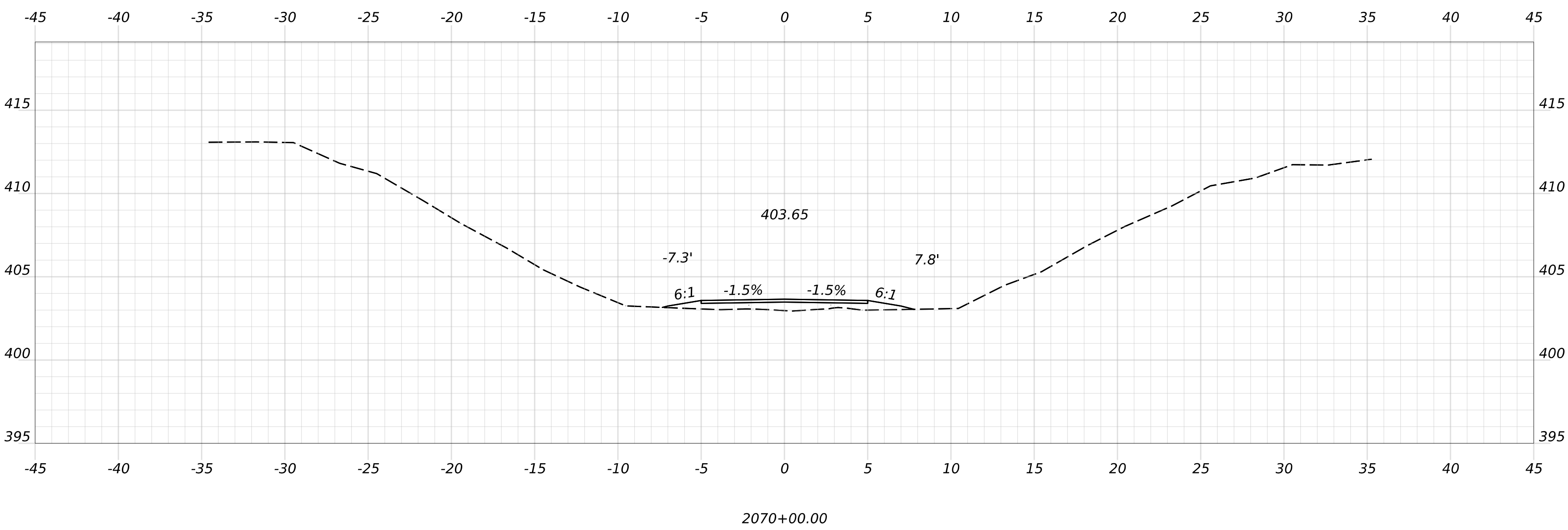
2060+10.39 (SKEWED ALONG CULVERT)



2060+00.00

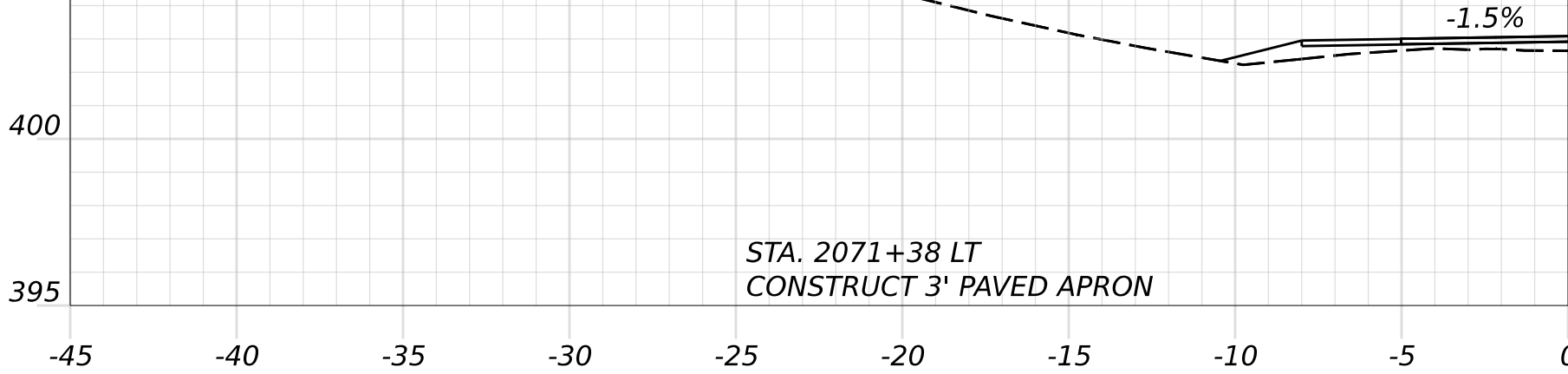
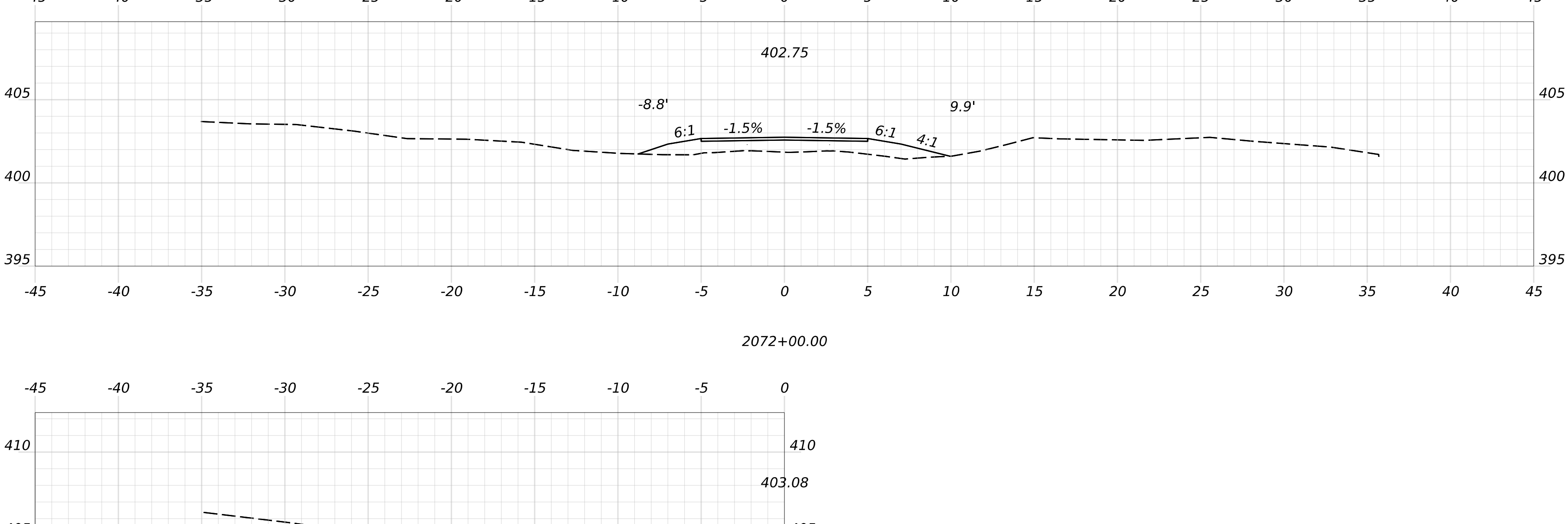
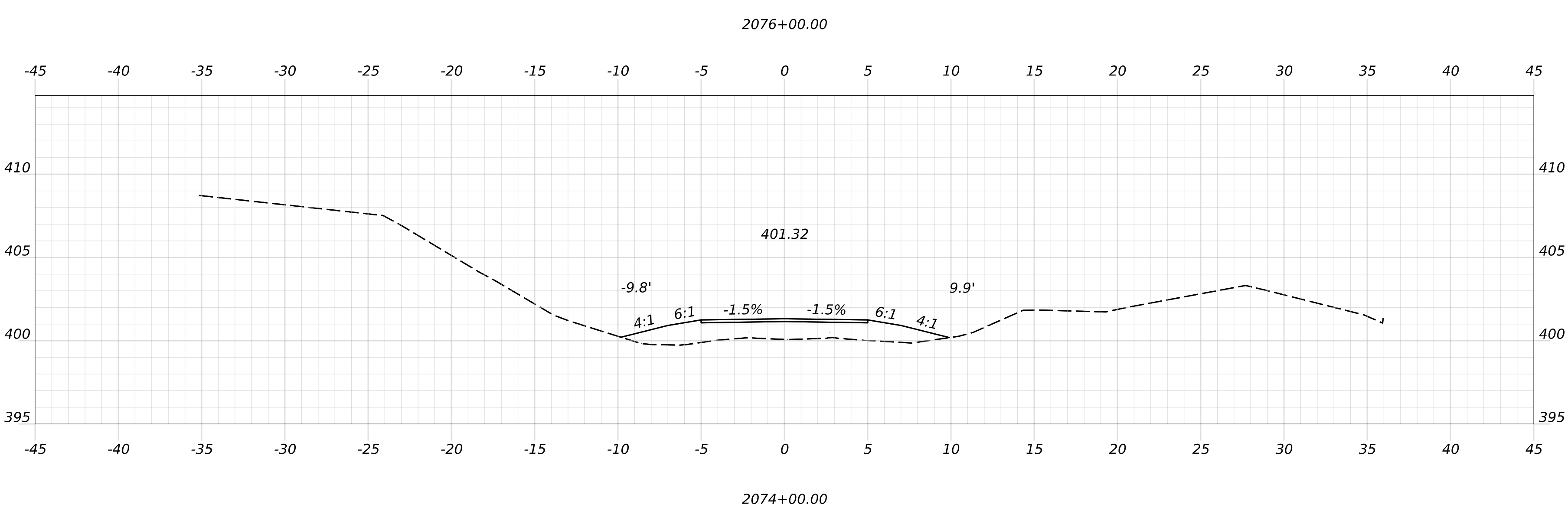
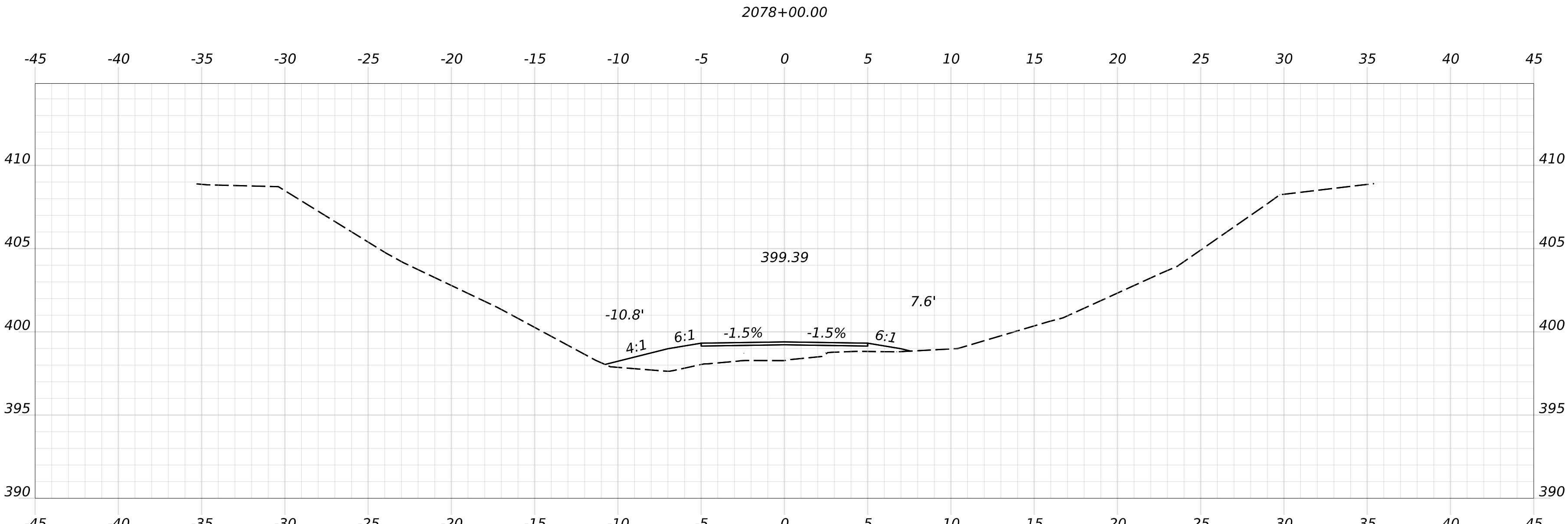
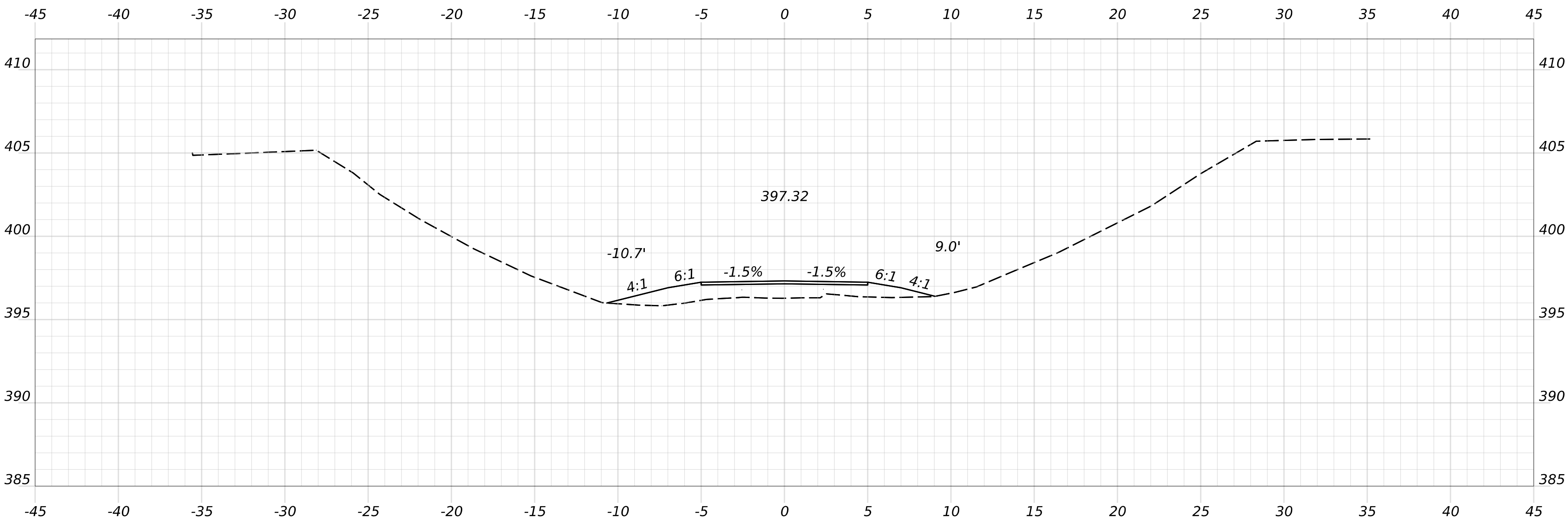


Filename: Cross Sections_(MDT_Section 3).dgn



OF 236	SHEET NUMBER 133	HIRAM, BROWNFIELD, FRYEBURG MOUNTAIN DIVISION TRAIL	PROJ. MANAGER	D. LORING	BY	DATE	SIGNATURE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
			DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26		2685810	
			CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26			
			DESIGN2-DETAILED2						
		DESIGN3-DETAILED3				P.E. NUMBER	WIN 26858.10 HIGHWAY PLANS		
		REVISIONS 1				DATE			
		REVISIONS 2							
		REVISIONS 3							
		REVISIONS 4							
		CROSS SECTIONS	FIELD CHANGES						

Filename: Cross Sections_(MDT_Section 3).dgn



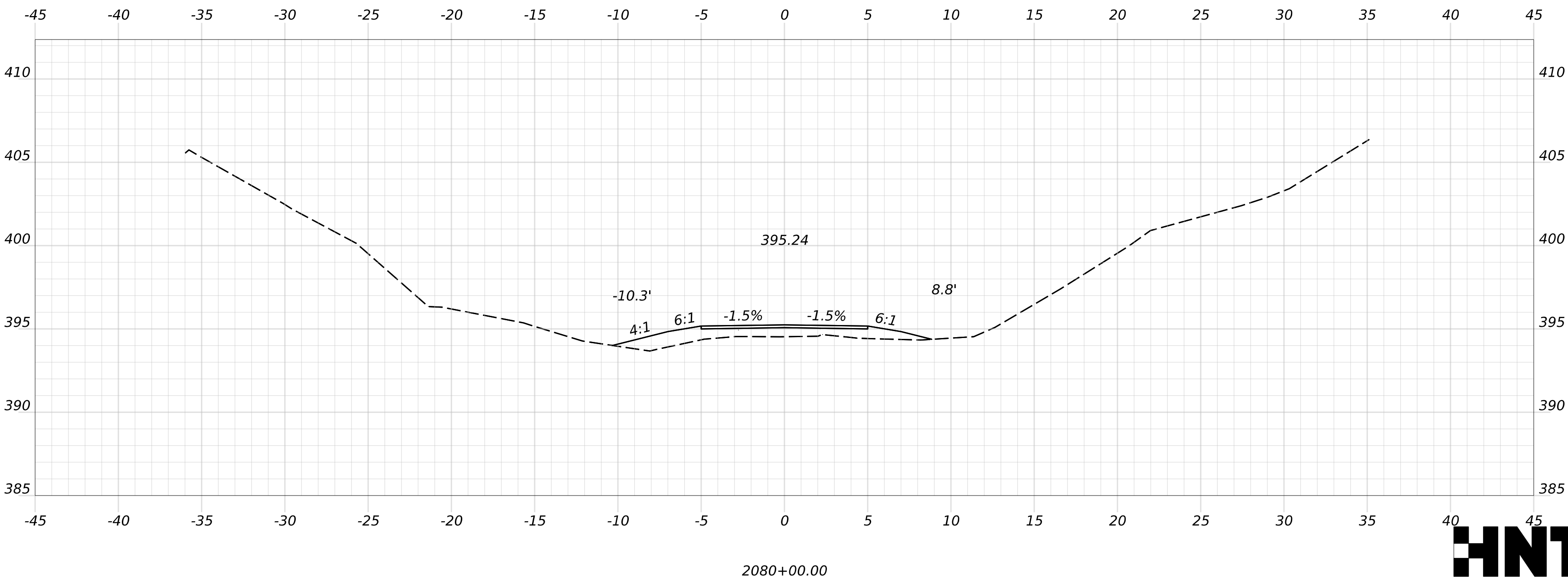
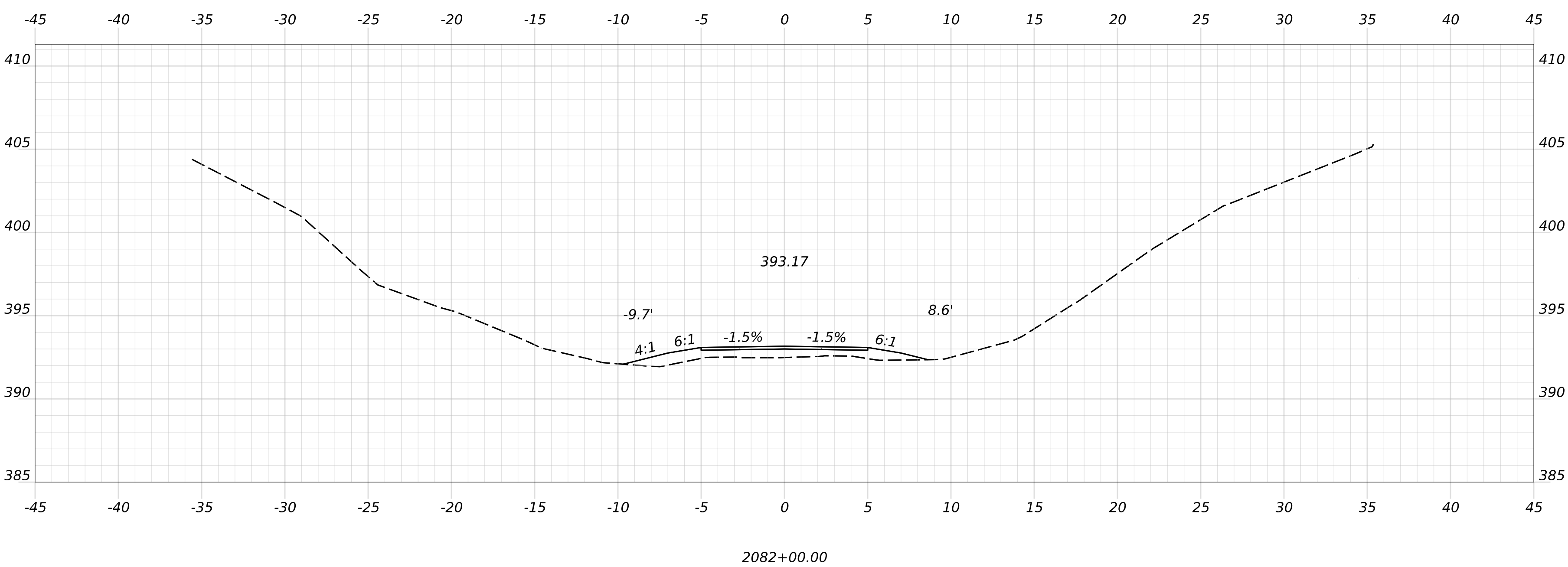
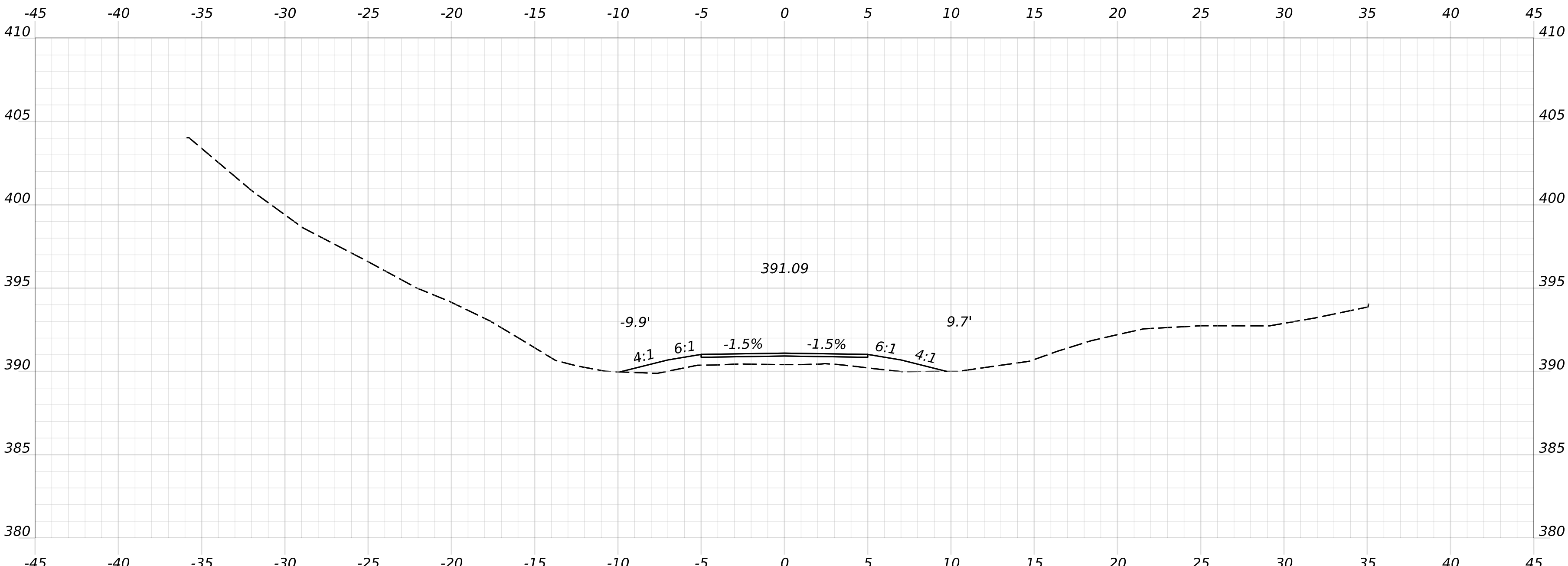
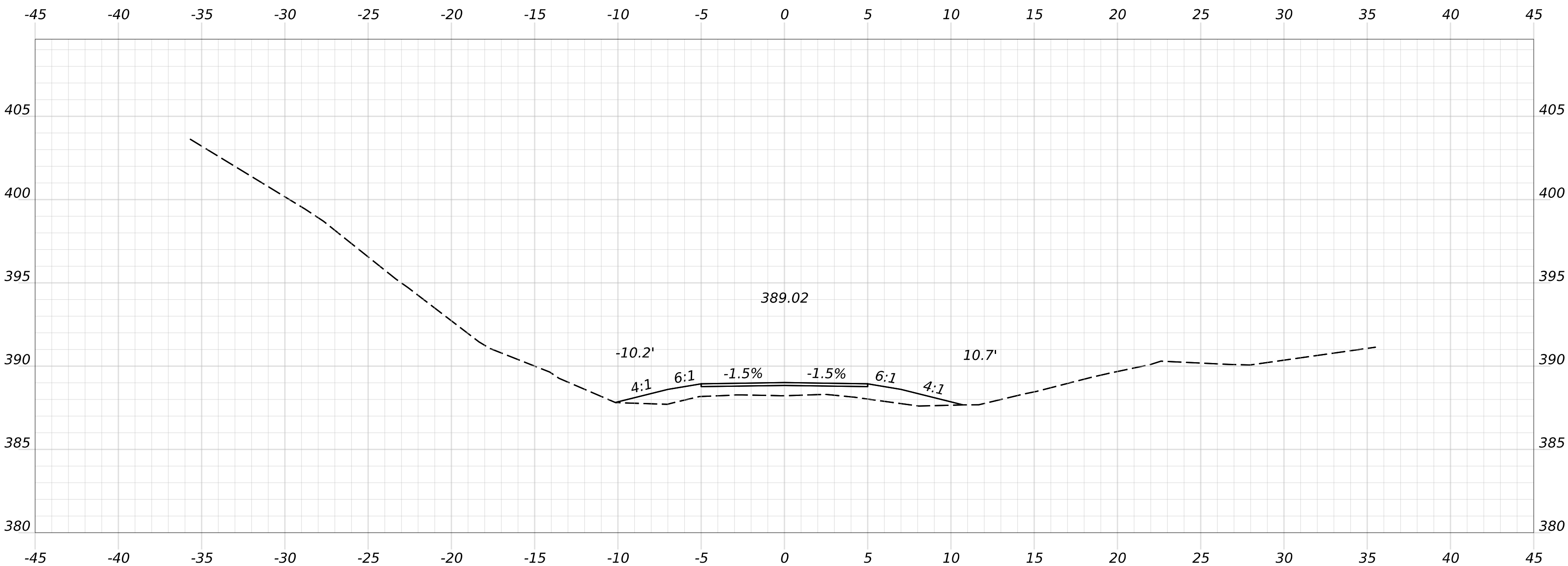
STA. 2071+38 LT
CONSTRUCT 3' PAVED APRON

2071+38.00 (SKEWED ALONG FIELD ENTRANCE)



OF 236	SHEET NUMBER	HIRAM, BROWNFIELD, FRYEBURG MOUNTAIN DIVISION TRAIL				PROJ. MANAGER		D. LORING		BY		DATE		SIGNATURE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION			
		CROSS SECTIONS				DESIGN-DETAILED		E. KELSEY		E. KELSEY		09/26						
						CHECKED-REVIEWED		C. HELMICK		L. ZACCHINI		09/26						
						DESIGN2-DETAILED2												
						DESIGN3-DETAILED3												
		CROSS SECTIONS				REVISIONS 1								P.E. NUMBER	2685810			
						REVISIONS 2												
						REVISIONS 3								DATE	WIN 26858.10 HIGHWAY PLANS			
						REVISIONS 4												
						FIELD CHANGES												

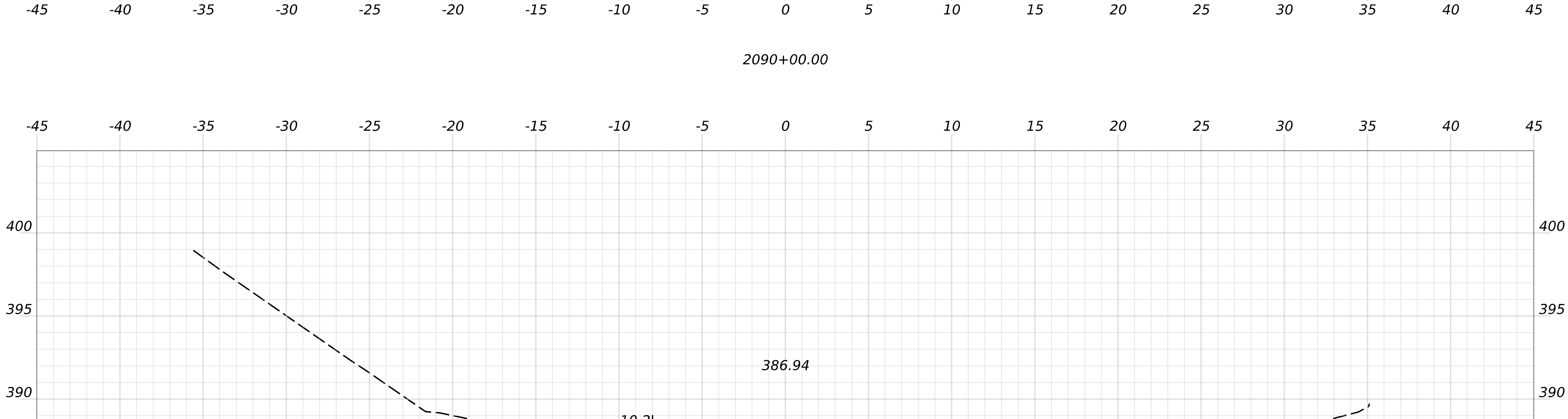
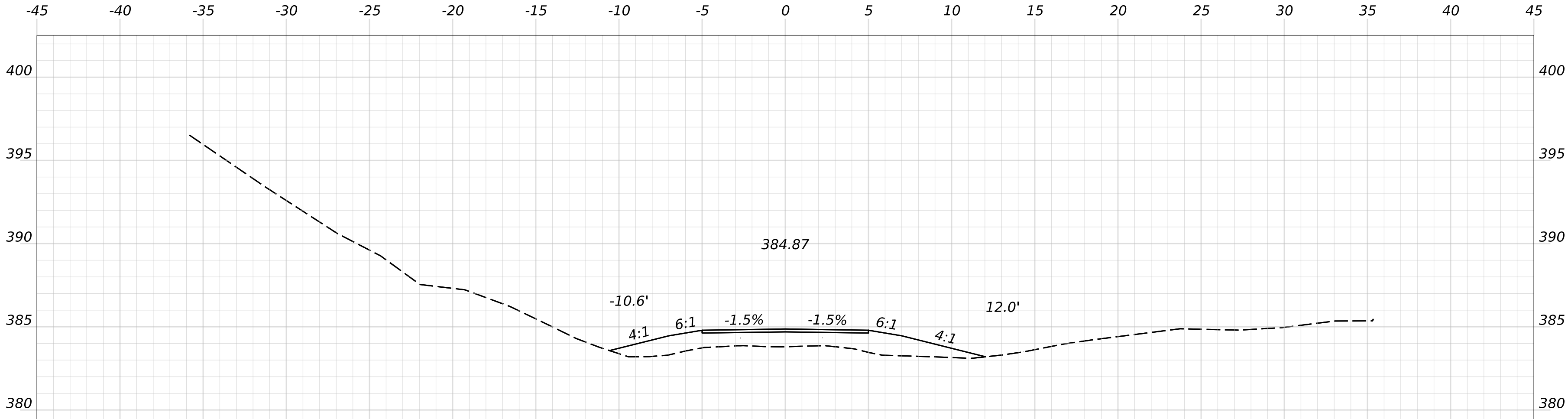
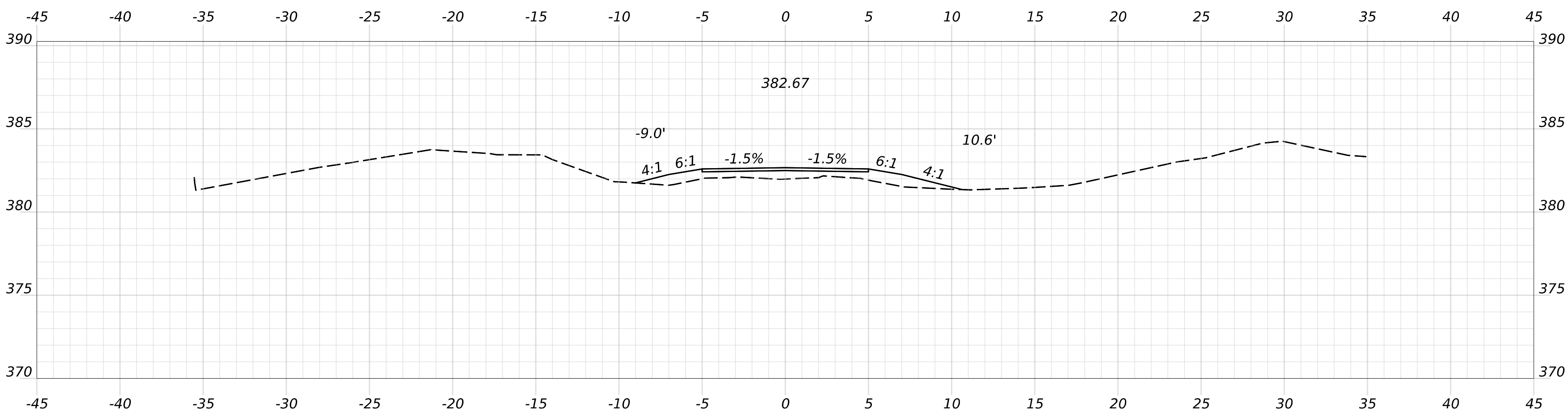
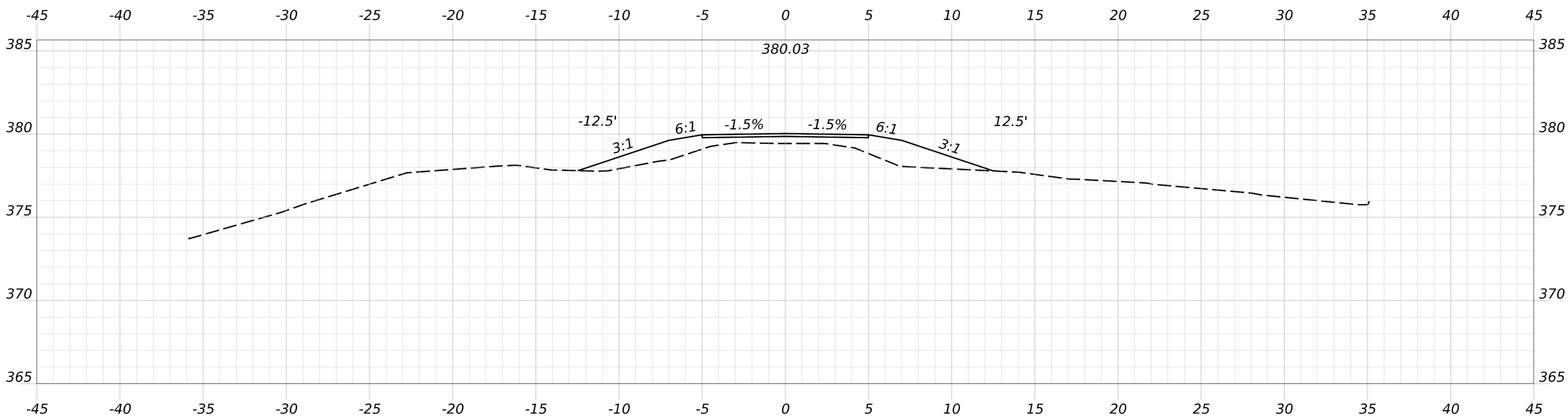
Filename: Cross Sections_(MDT_Section 3).dgn



HNTB

OF 236	SHEET NUMBER	HIRAM, BROWNFIELD, FRYEBURG MOUNTAIN DIVISION TRAIL	PROJ. MANAGER	D. LORING	BY	DATE	SIGNATURE	STATE OF MAINE			
			DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26		DEPARTMENT OF TRANSPORTATION			
			CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26		2685810			
			DESIGN2-DETAILED2					WIN			
		CROSS SECTIONS			DESIGN3-DETAILED3				P.E. NUMBER	26858.10	
					REVISIONS 1				DATE	HIGHWAY PLANS	
					REVISIONS 2						
					REVISIONS 3						
			REVISIONS 4								
			FIELD CHANGES								

Filename: Cross Sections_(MDT_Section 3).dgn



PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26
CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

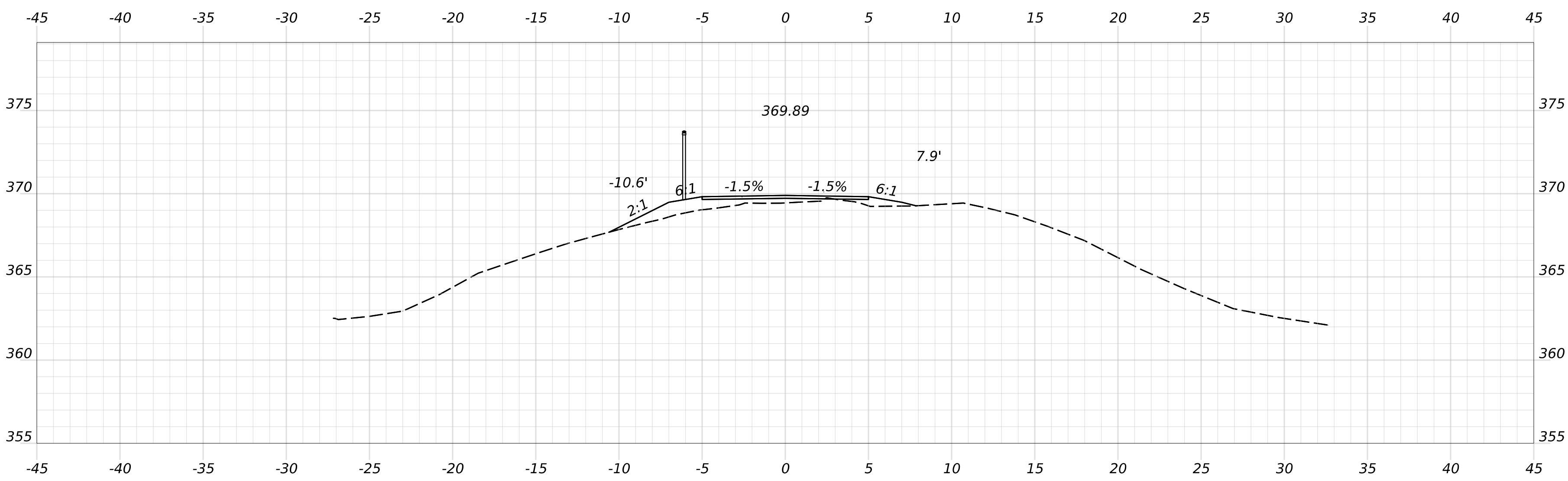
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

2685810

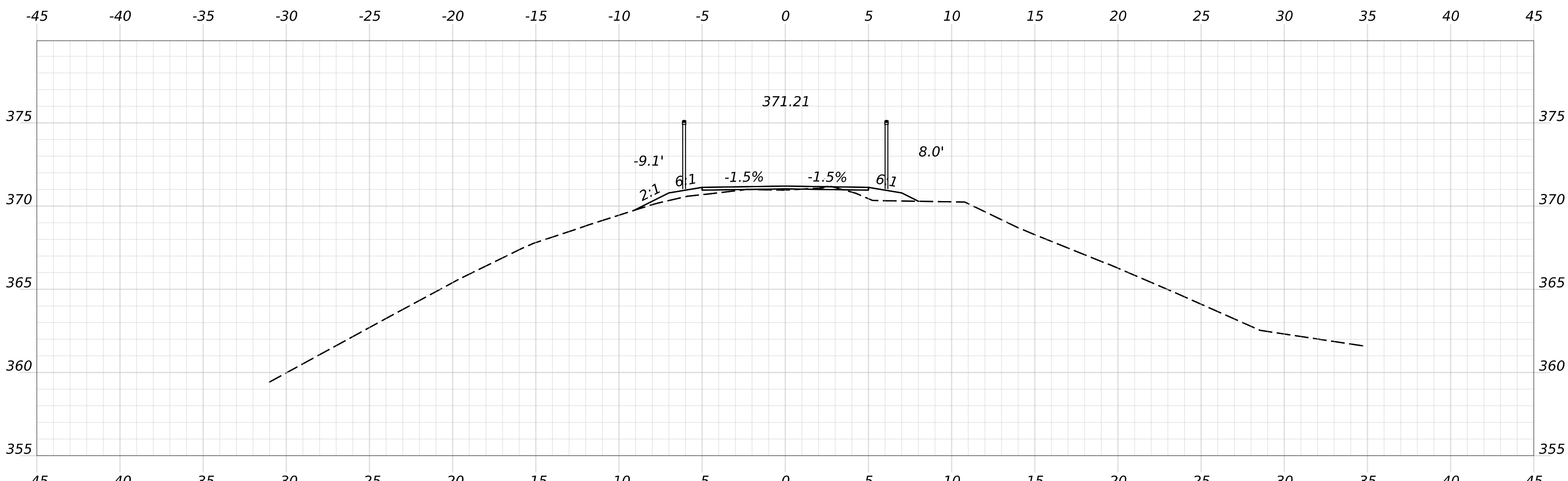
WIN
26858.10

HIGHWAY PLANS

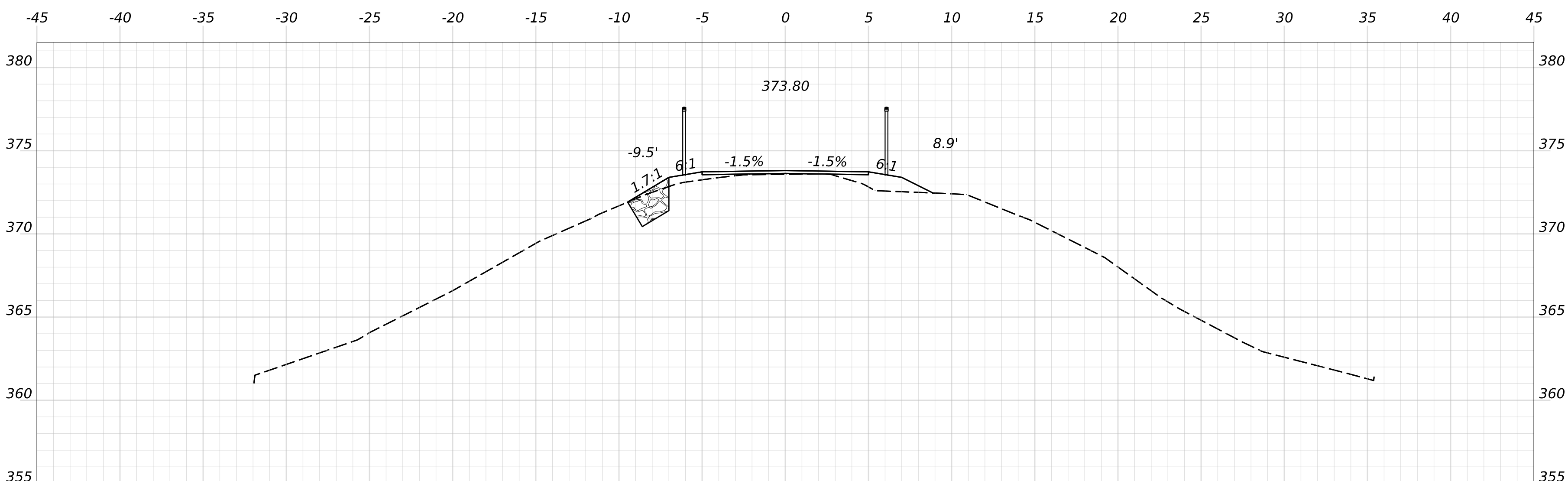
Filename: Cross Sections_(MDT_Section 3).dgn



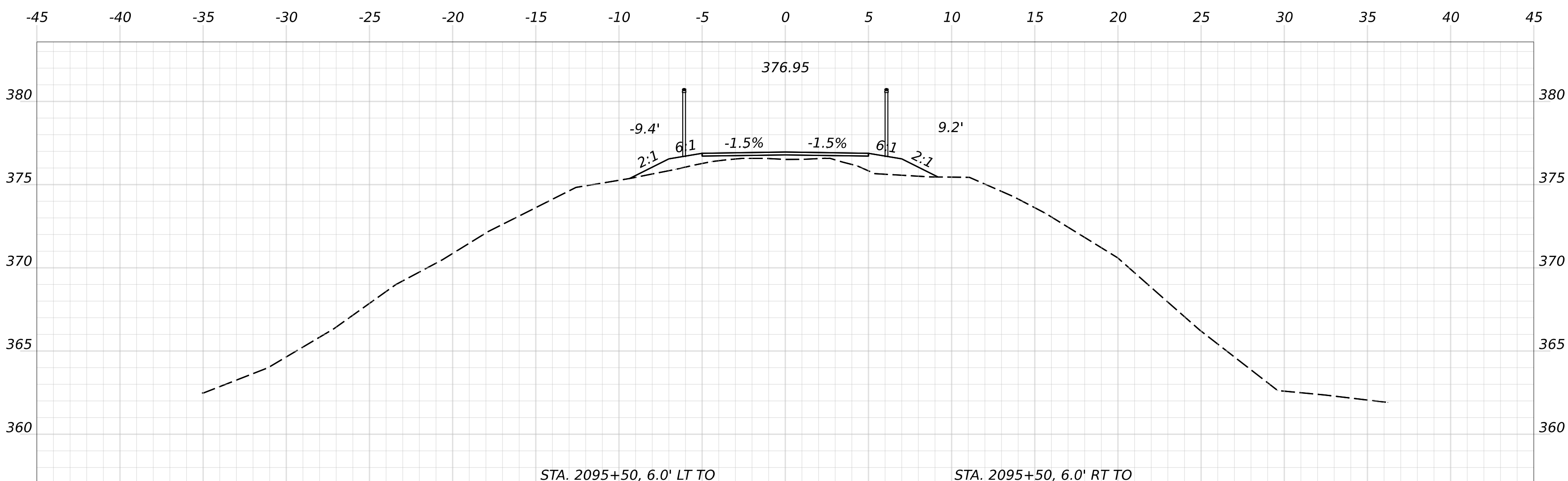
2102+00.00



2100+00.00



2098+00.00



2096+00.00

STA. 2095+50, 6.0' LT TO
STA. 2109+00, 6.0' LT
INSTALL 950 LF CEDAR RAIL FENCE

STA. 2095+50, 6.0' RT TO
STA. 2101+50, 6.0' RT
INSTALL 600 LF CEDAR RAIL FENCE

HNTB

OF 236

137

SHEET NUMBER

HIRAM, BROWNFIELD, FRYEBURG
MOUNTAIN DIVISION TRAIL

CROSS SECTIONS

PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26
CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26
DESIGN-DETAILED2			
DESIGN-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

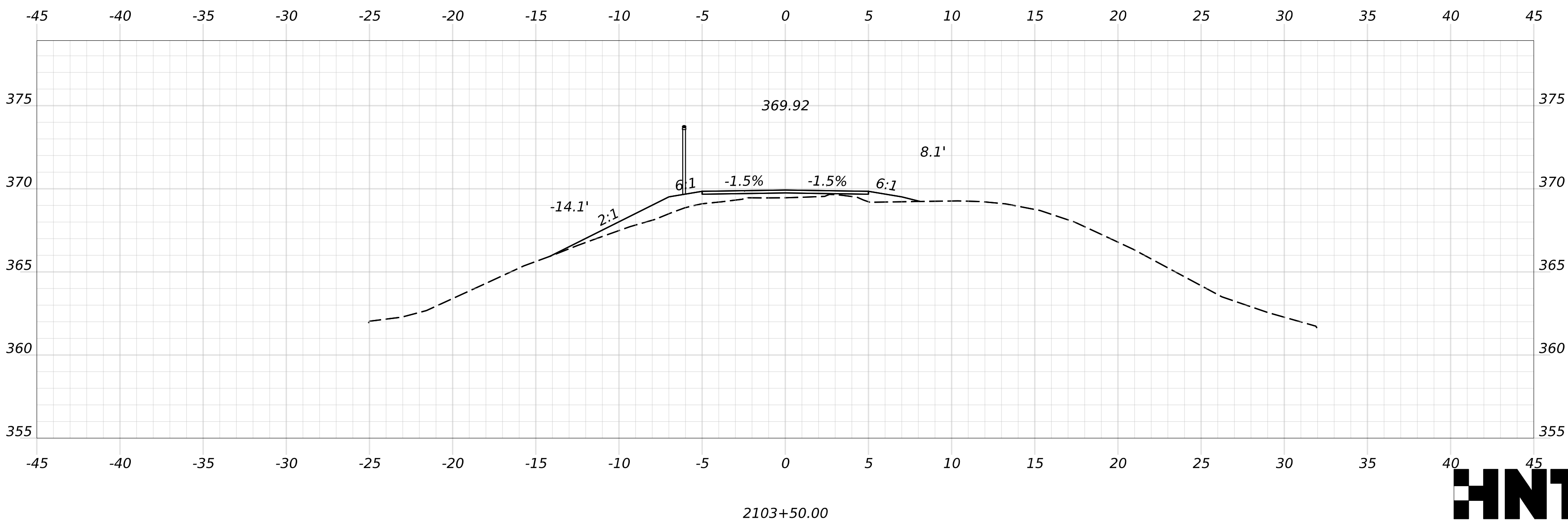
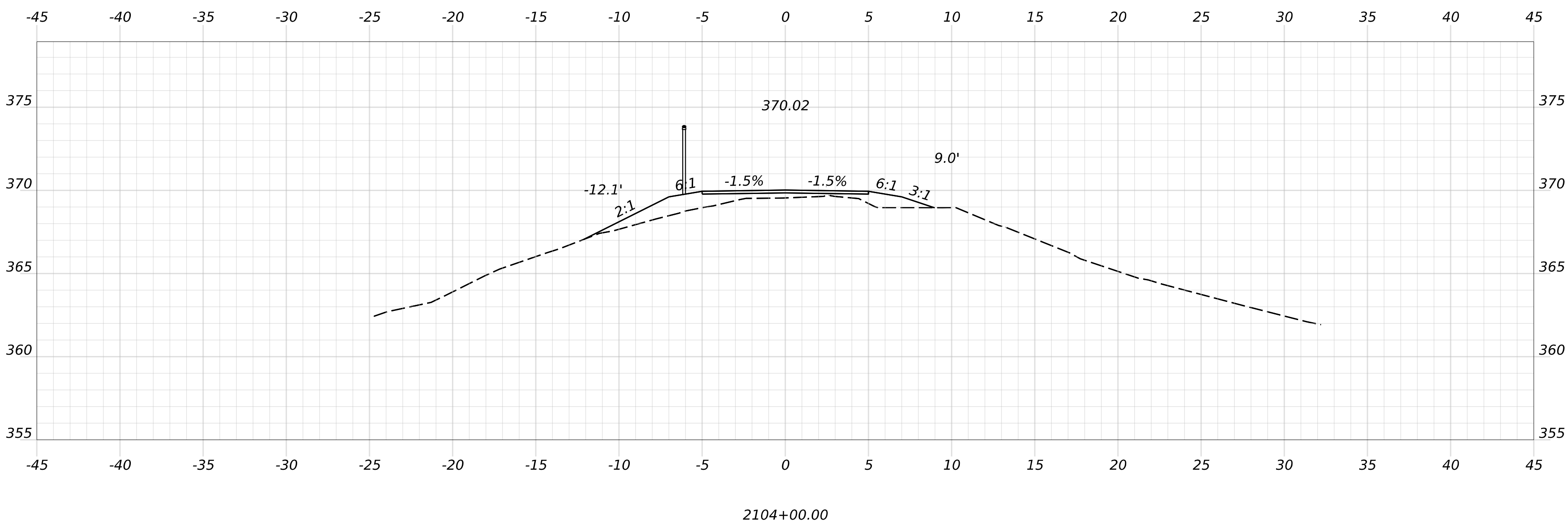
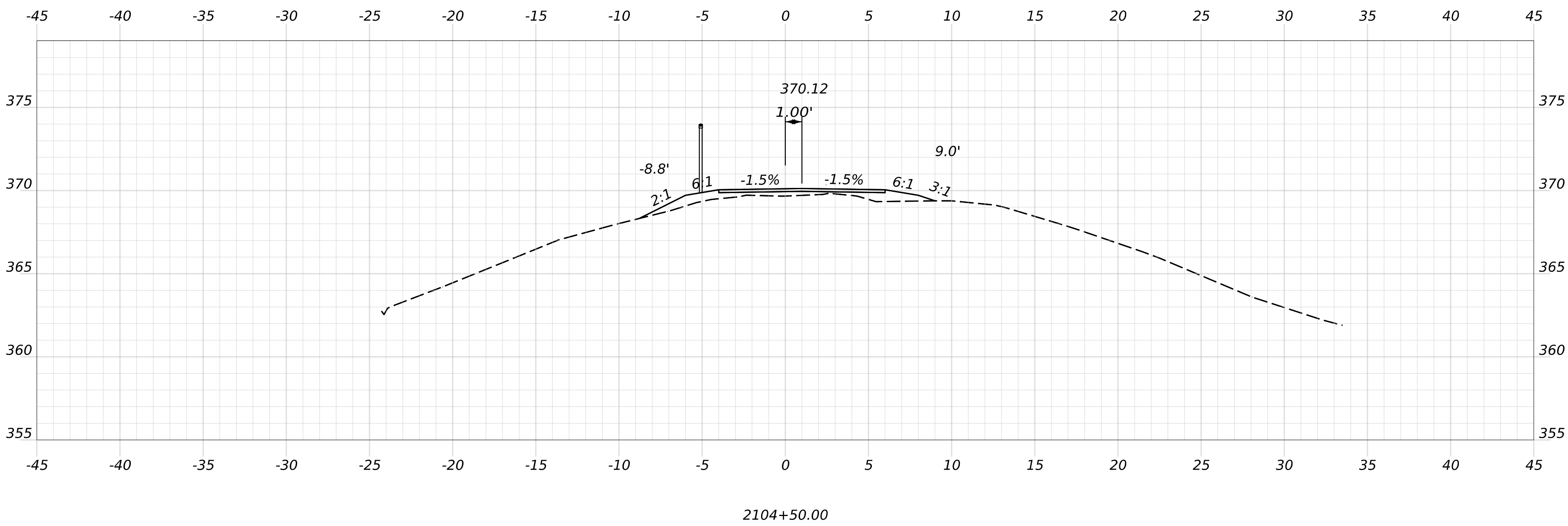
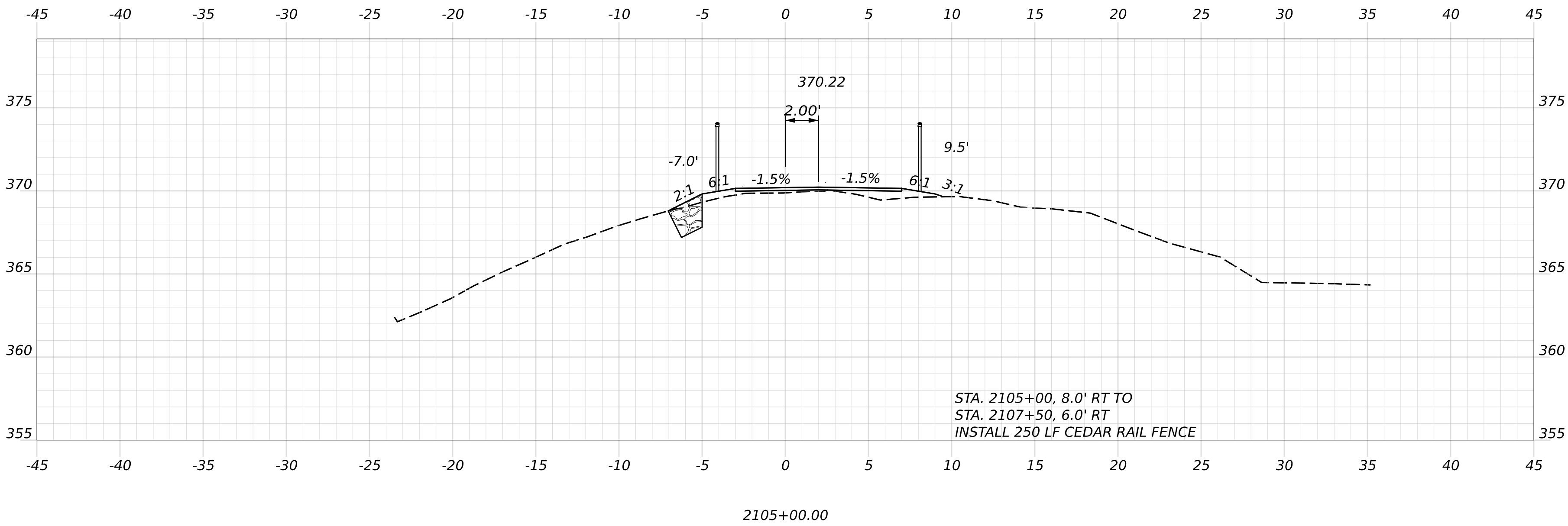
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

2685810

WIN
26858.10

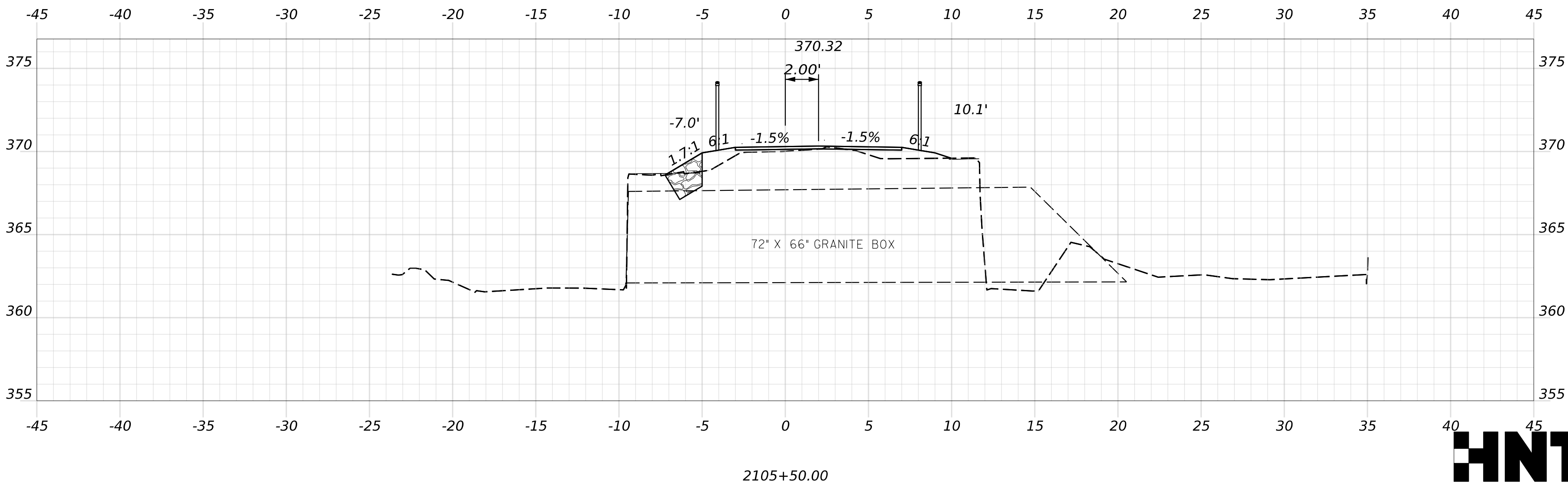
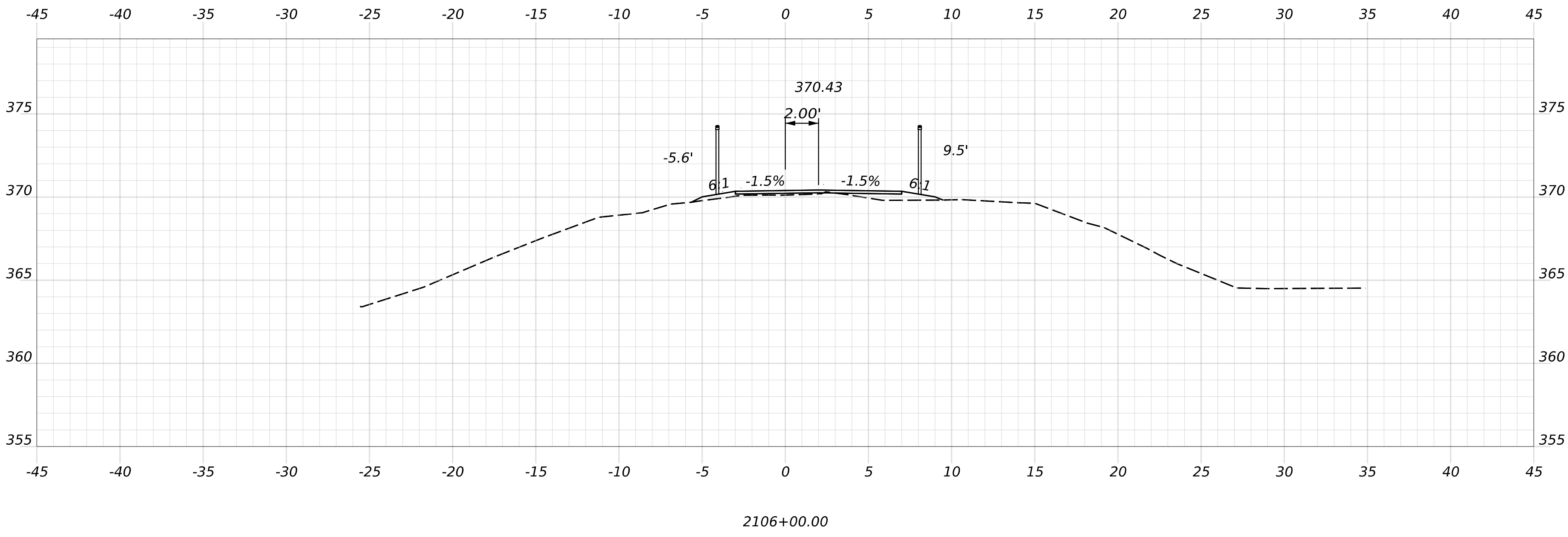
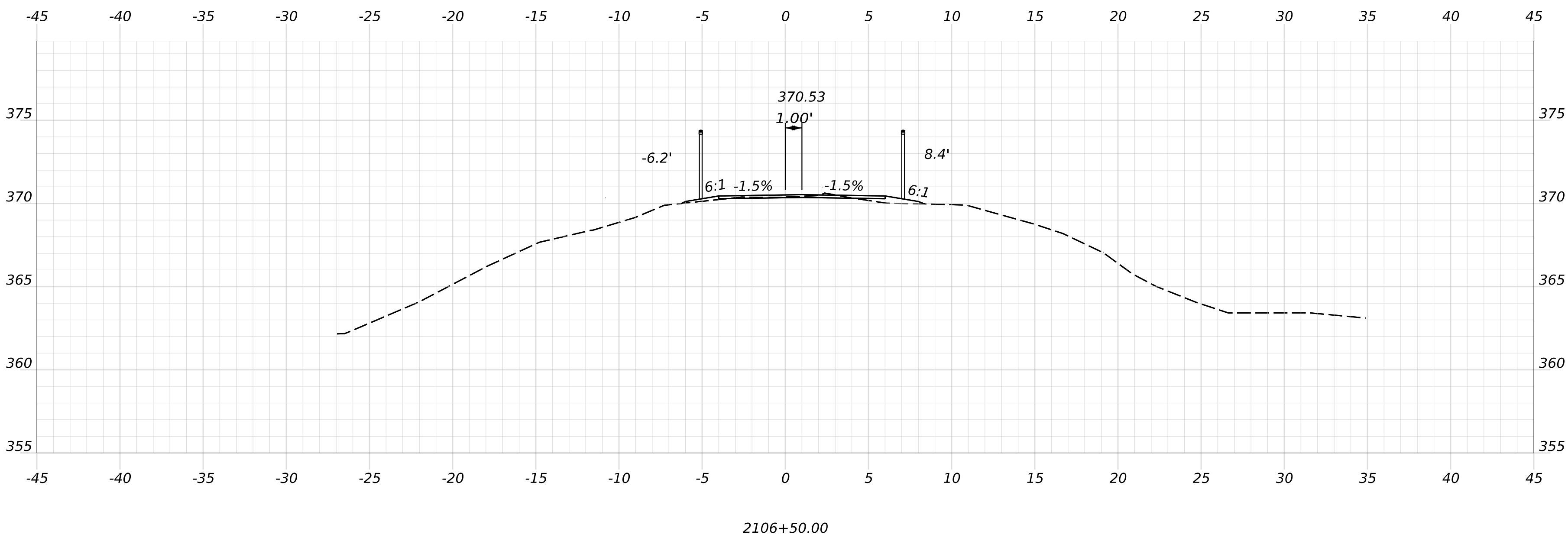
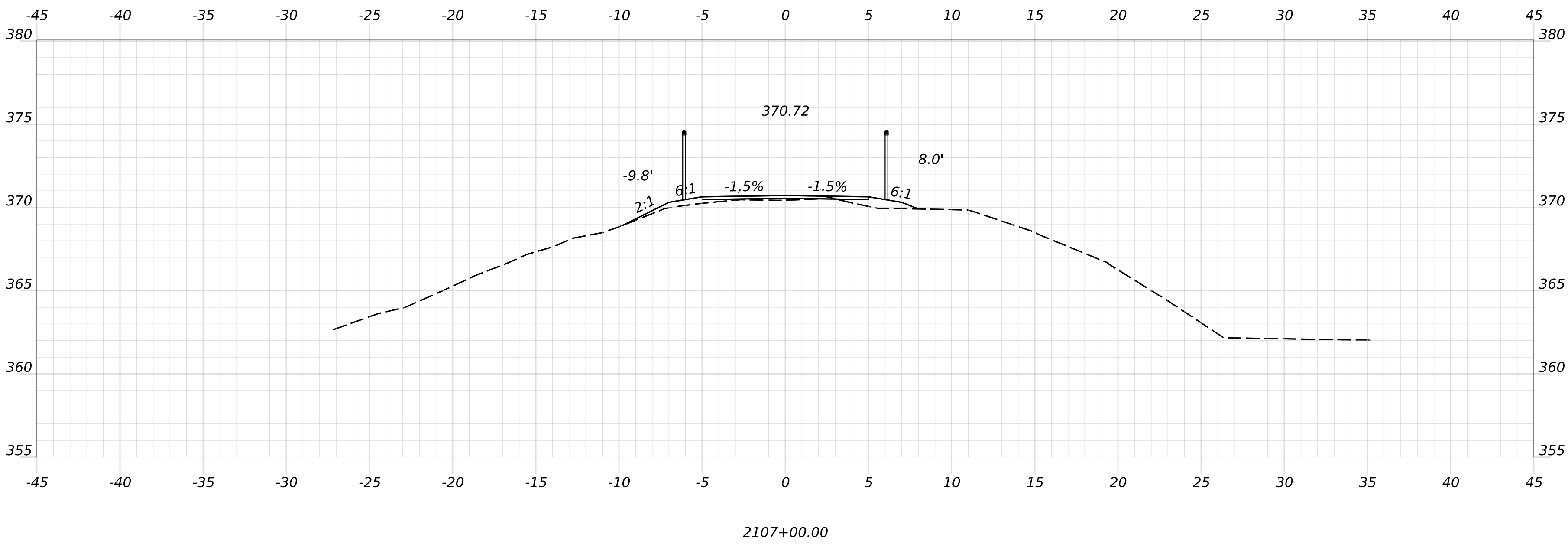
HIGHWAY PLANS

Filename: Cross Sections_(MDT_Section 3).dgn



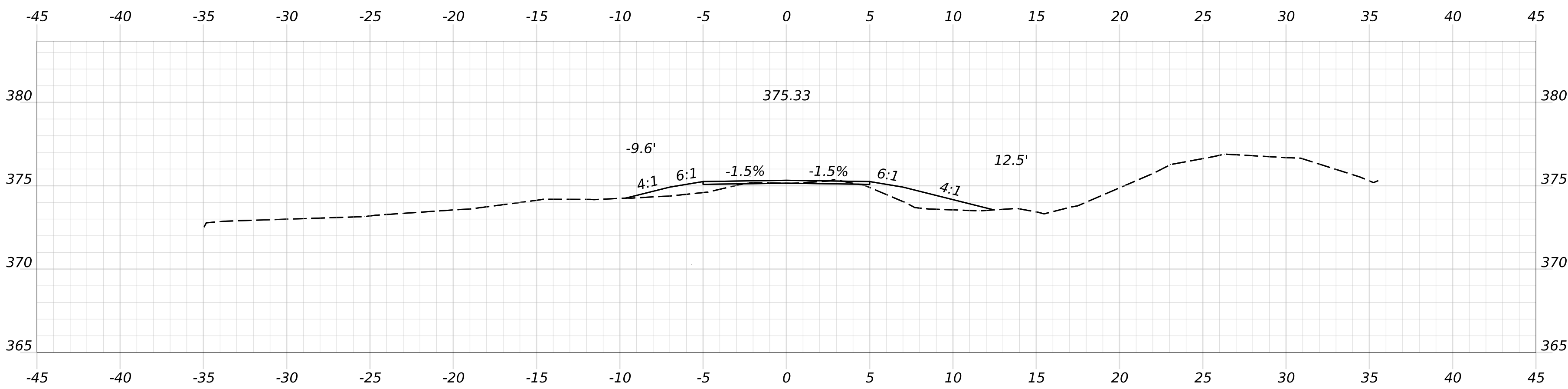
OF 236	SHEET NUMBER 138	HIRAM, BROWNFIELD, FRYEBURG MOUNTAIN DIVISION TRAIL				PROJ. MANAGER D. LORING		BY	DATE	SIGNATURE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
		DESIGN-DETAILED		E. KELSEY	E. KELSEY	09/26	P.E. NUMBER	DATE	2685810			
		CHECKED-REVIEWED		C. HELMICK	L. ZACCHINI	09/26						
		DESIGN2-DETAILED2										
		DESIGN3-DETAILED3										
		CROSS SECTIONS				REVISIONS 1				DATE	WIN 26858.10	HIGHWAY PLANS
						REVISIONS 2						
						REVISIONS 3						
						REVISIONS 4						
						FIELD CHANGES						

Filename: Cross Sections_(MDT_Section 3).dgn

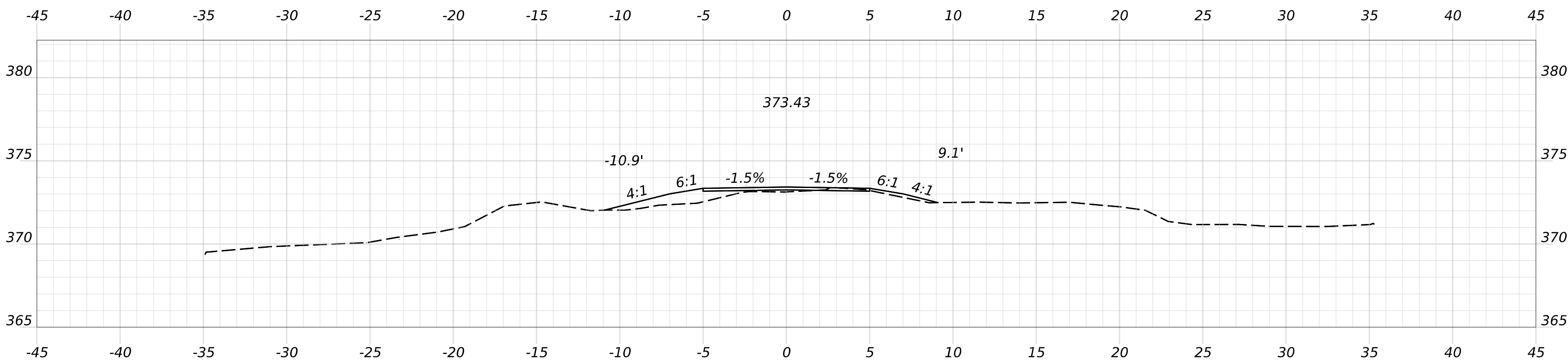


OF 236	SHEET NUMBER	HIRAM, BROWNFIELD, FRYEBURG MOUNTAIN DIVISION TRAIL	PROJ. MANAGER		D. LORING	BY	DATE	SIGNATURE	STATE OF MAINE	
			DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26	DEPARTMENT OF TRANSPORTATION			
			CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26				
			DESIGN2-DETAILED2							
		DESIGN3-DETAILED3				P.E. NUMBER	2685810			
		REVISIONS 1				DATE				
		REVISIONS 2								
		REVISIONS 3								
		REVISIONS 4								
		FIELD CHANGES								
		CROSS SECTIONS						WIN		
								26858.10	HIGHWAY PLANS	

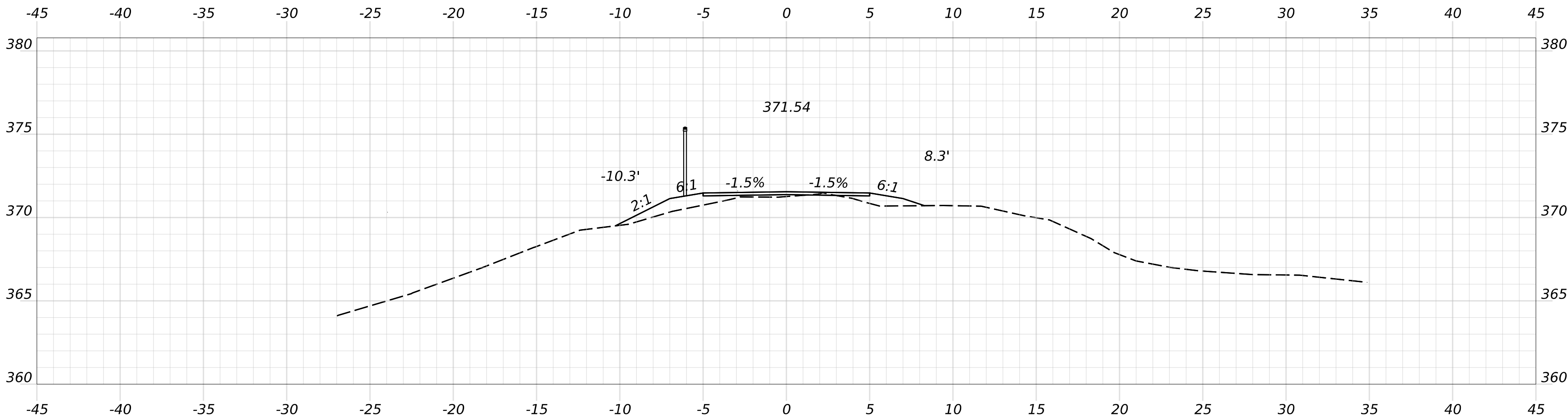
Filename: Cross Sections_(MDT_Section 3).dgn



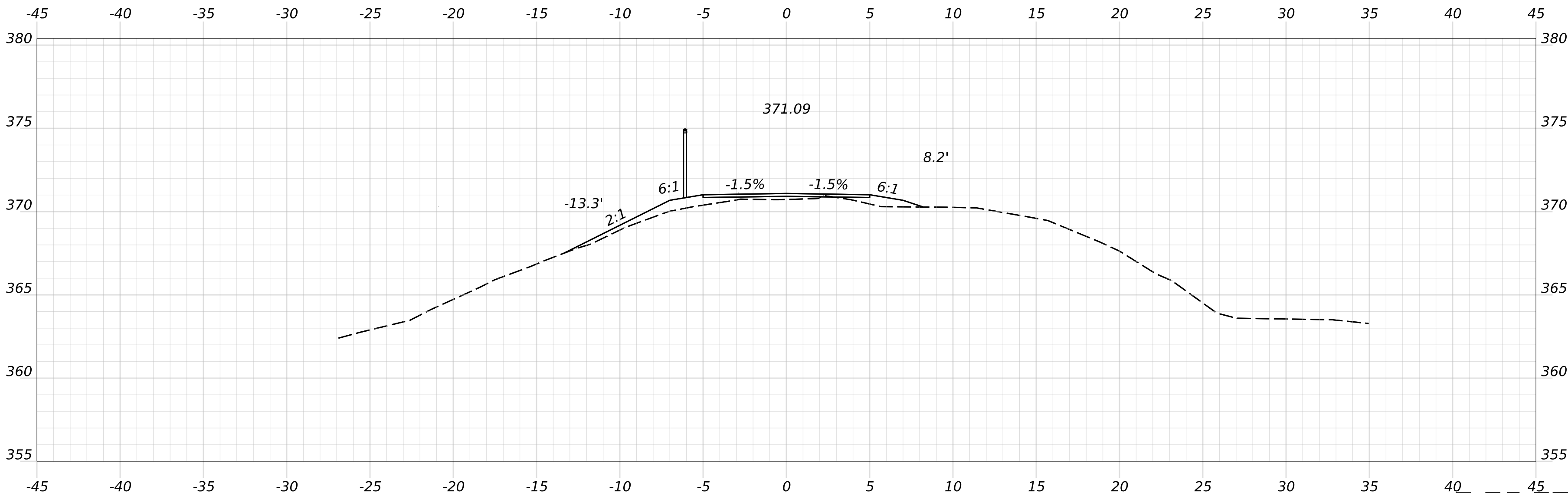
2112+00.00



2110+00.00



2108+00.00



2107+50.00



OF 236

140

SHEET NUMBER

HIRAM, BROWNFIELD, FRYEBURG
MOUNTAIN DIVISION TRAIL

CROSS SECTIONS

PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26
CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

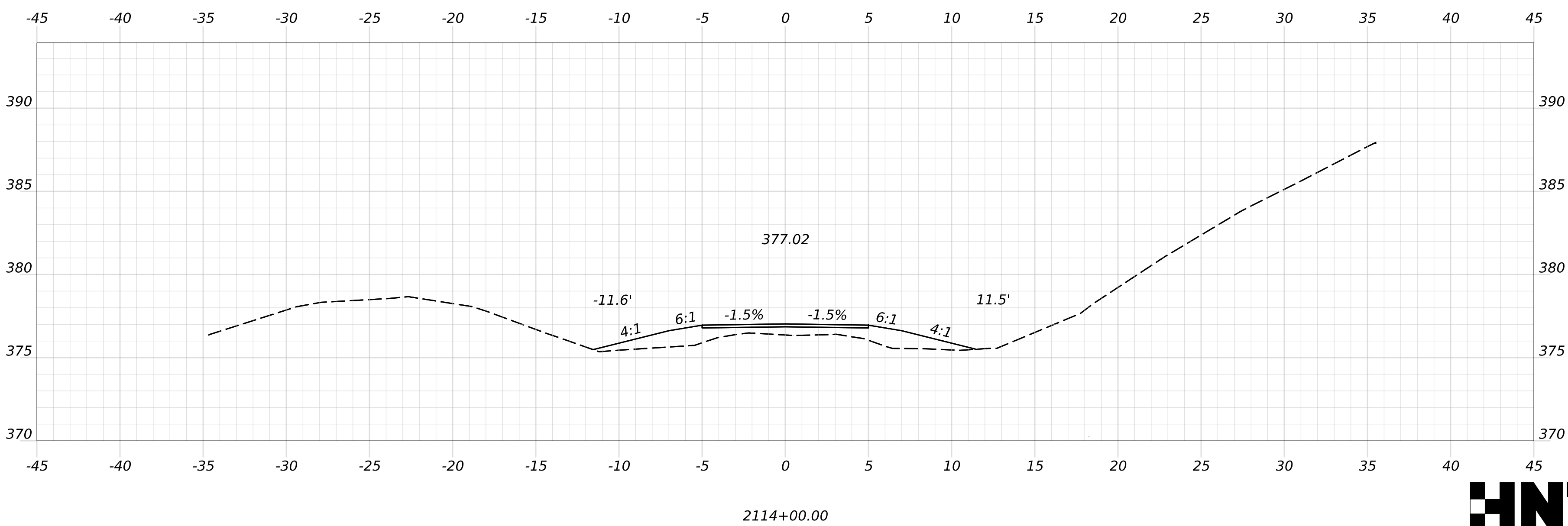
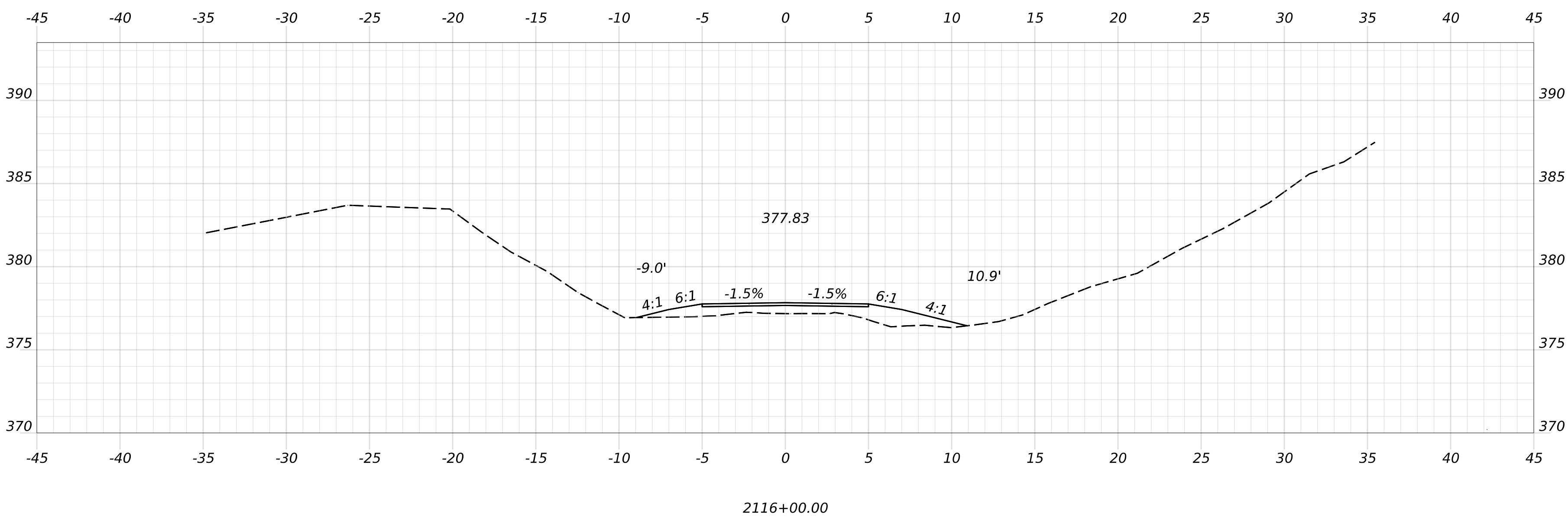
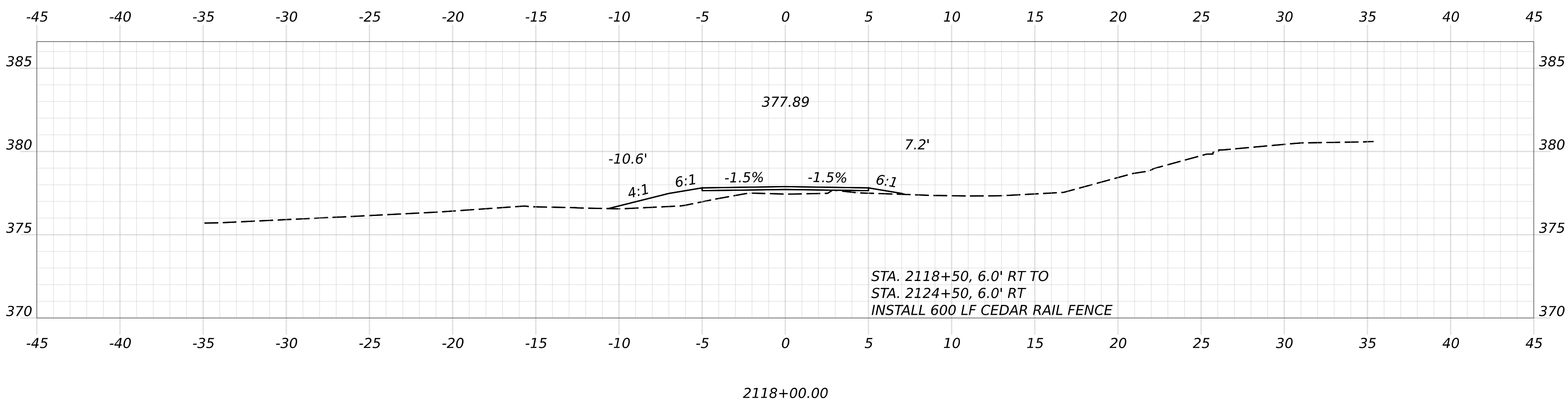
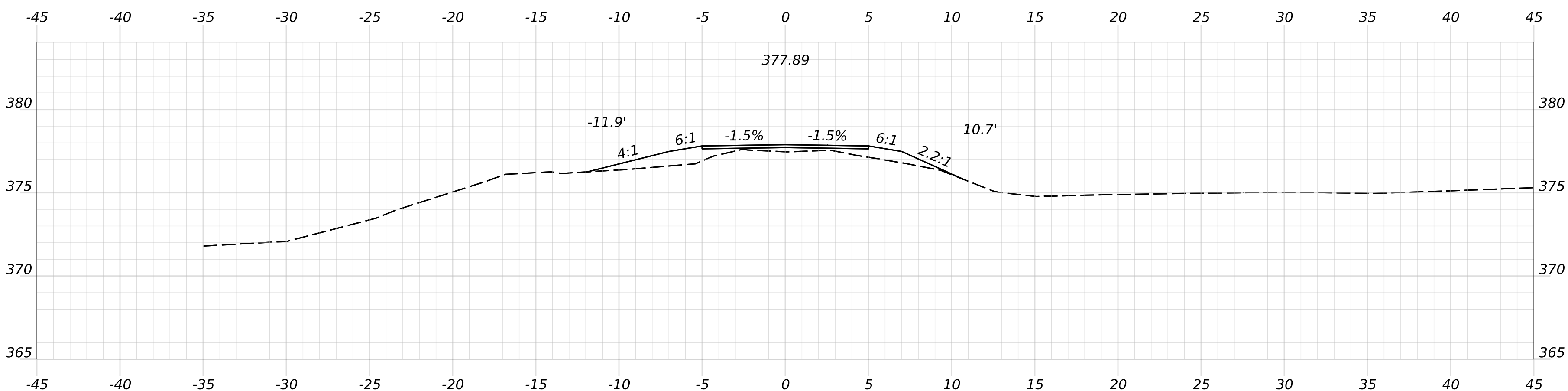
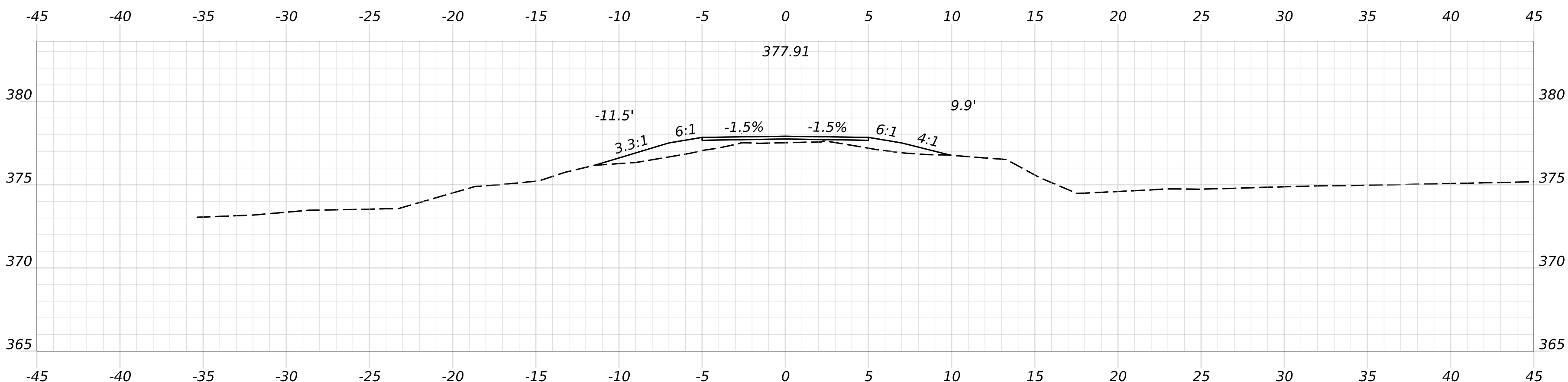
SIGNATURE

P.E. NUMBER

DATE

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
2685810	
WIN 26858.10	HIGHWAY PLANS

Filename: Cross Sections_(MDT_Section 3).dgn

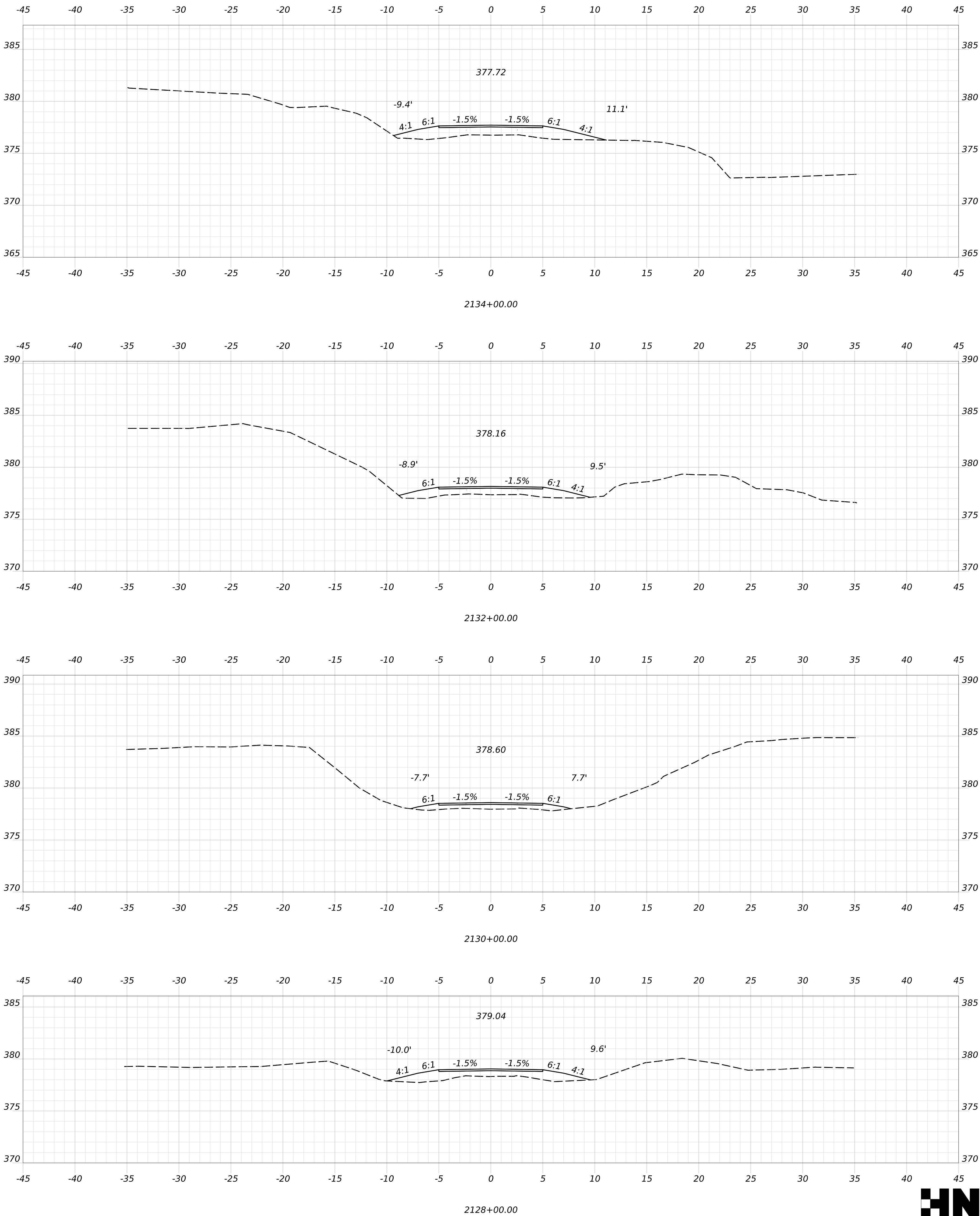


OF 236	SHEET NUMBER	HIRAM, BROWNFIELD, FRYEBURG MOUNTAIN DIVISION TRAIL	PROJ. MANAGER	D. LORING	BY	DATE	SIGNATURE	STATE OF MAINE	
			DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26		DEPARTMENT OF TRANSPORTATION	
			CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26			
			DESIGN-DETAILED2						
		CROSS SECTIONS	DESIGN-DETAILED3				P.E. NUMBER	2685810	
			REVISIONS 1						
			REVISIONS 2						
			REVISIONS 3						
CROSS SECTIONS	REVISIONS 4				DATE	WIN 26858.10			
	FIELD CHANGES					HIGHWAY PLAN			



OF 236	142	SHEET NUMBER	HIRAM, BROWNFIELD, FRYEBURG MOUNTAIN DIVISION TRAIL	PROJ. MANAGER D. LORING BY DATE				STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
				DESIGN-DETAILED E. KELSEY F. KELSEY 09/26		SIGNATURE			
				CHIEF-REVIEWED C. HELMICK L. ZACCHINI 09/26					
				DESIGN2-DETAILED2					
				DESIGN3-DETAILED3					
			CROSS SECTIONS				REVISIONS 1		P.E. NUMBER
							REVISIONS 2		
							REVISIONS 3		
							REVISIONS 4		
							FIELD CHANGES		
						DATE			

Filename: Cross Sections_(MDT_Section 4).dgn



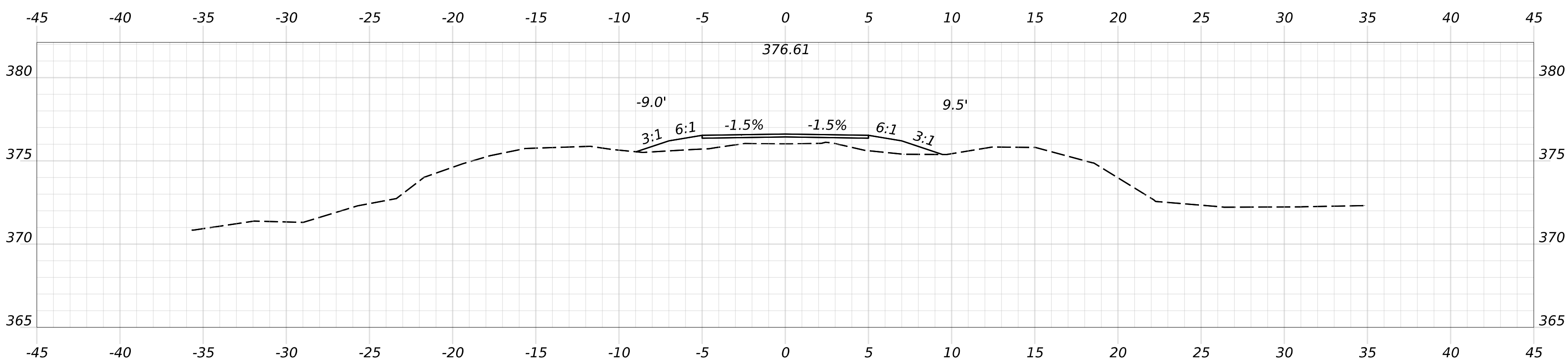
PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26
CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

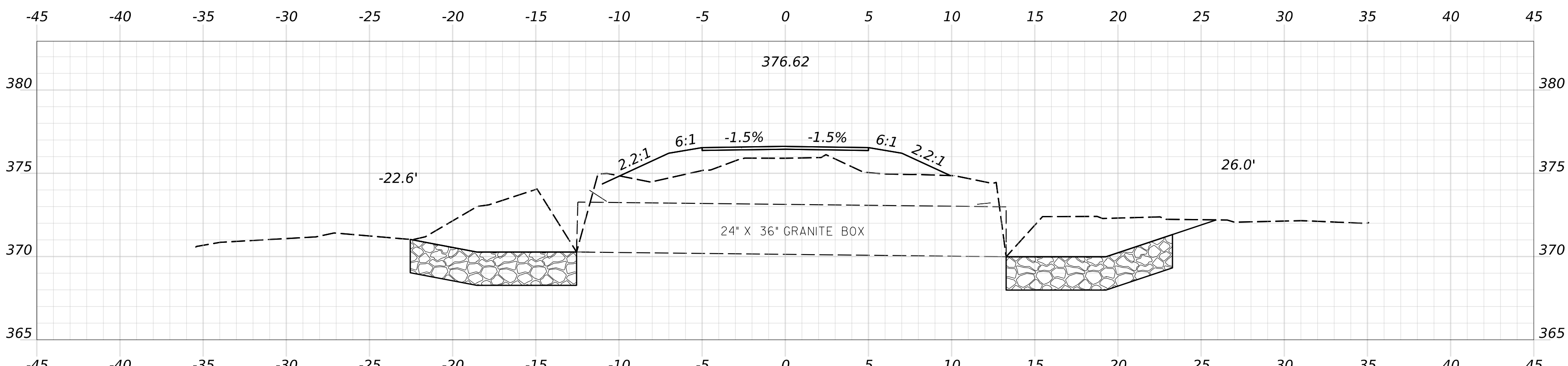
P.E. NUMBER

DATE

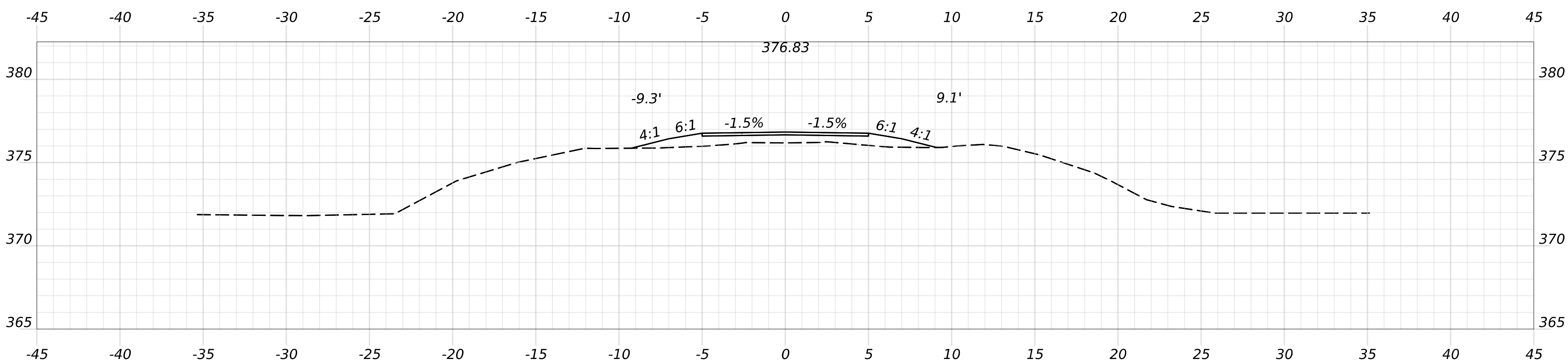
Filename: Cross Sections_(MDT_Section 4).dgn



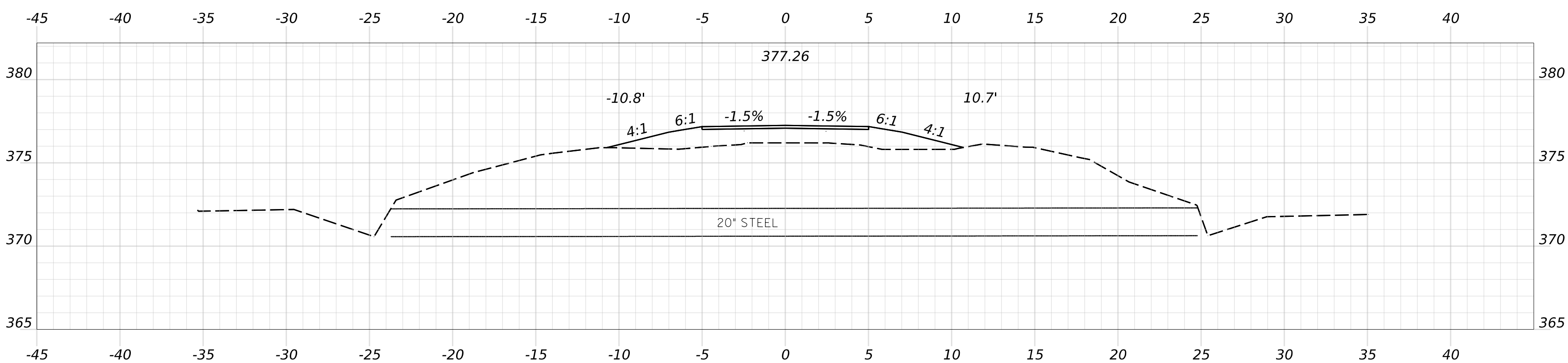
2140+00.00



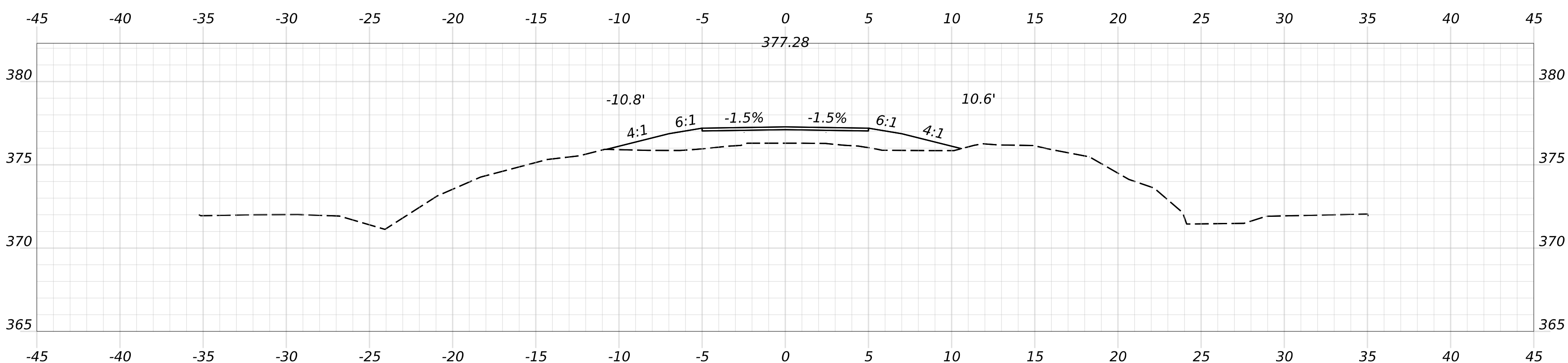
2139+69.21



2138+00.00



2136+09.18 (SKEWED ALONG CULVERT)



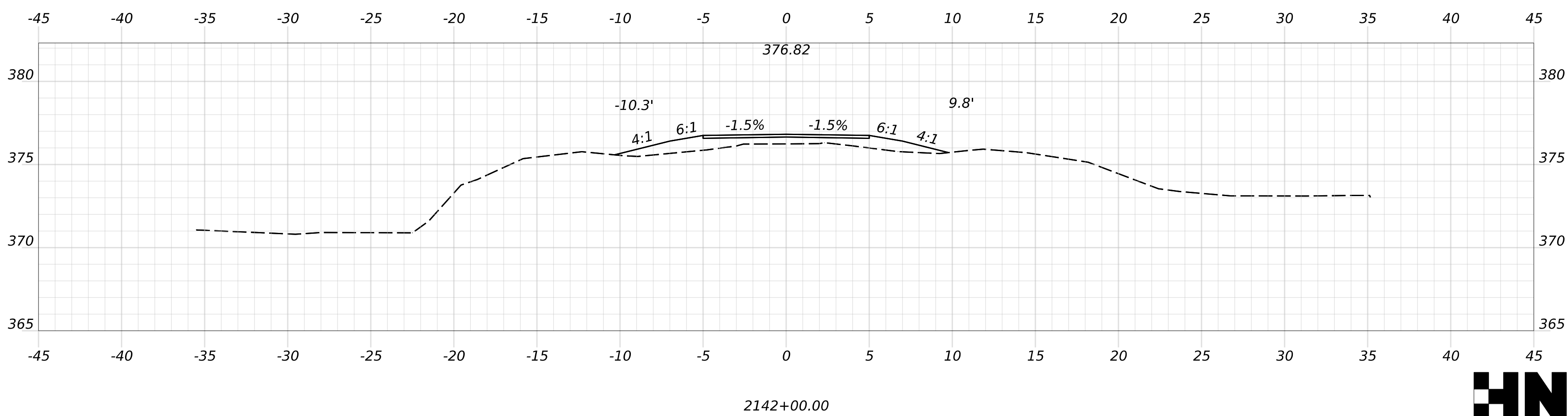
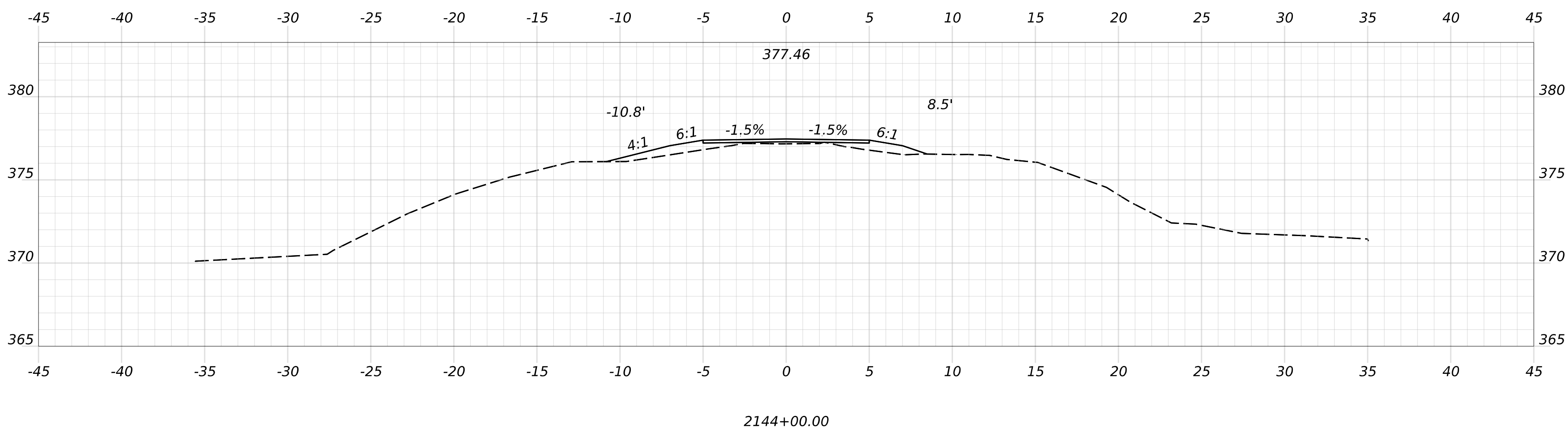
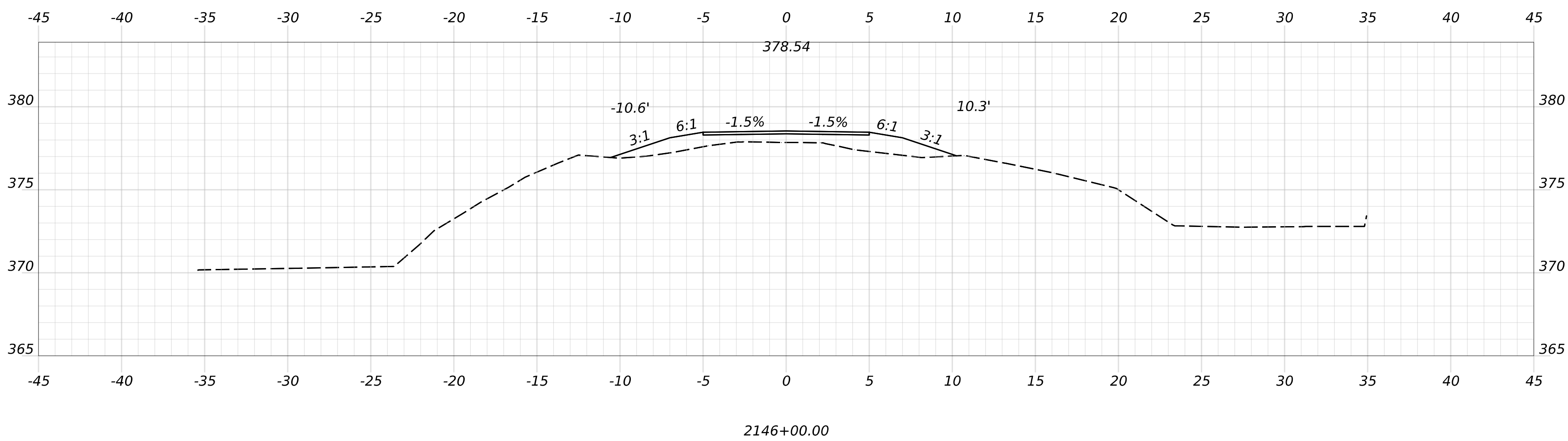
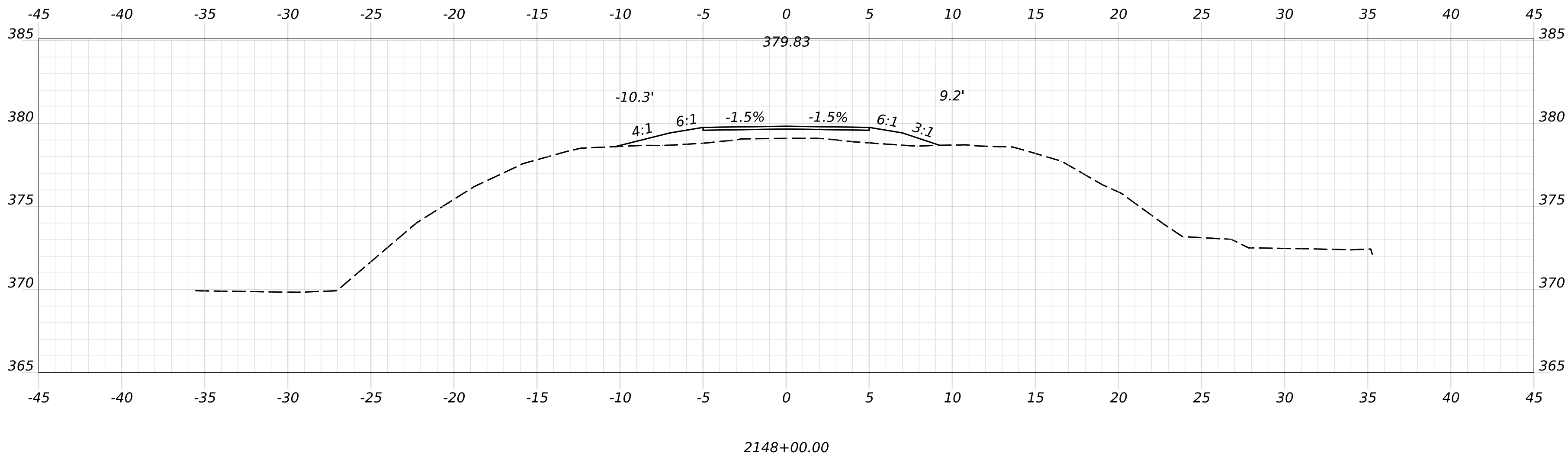
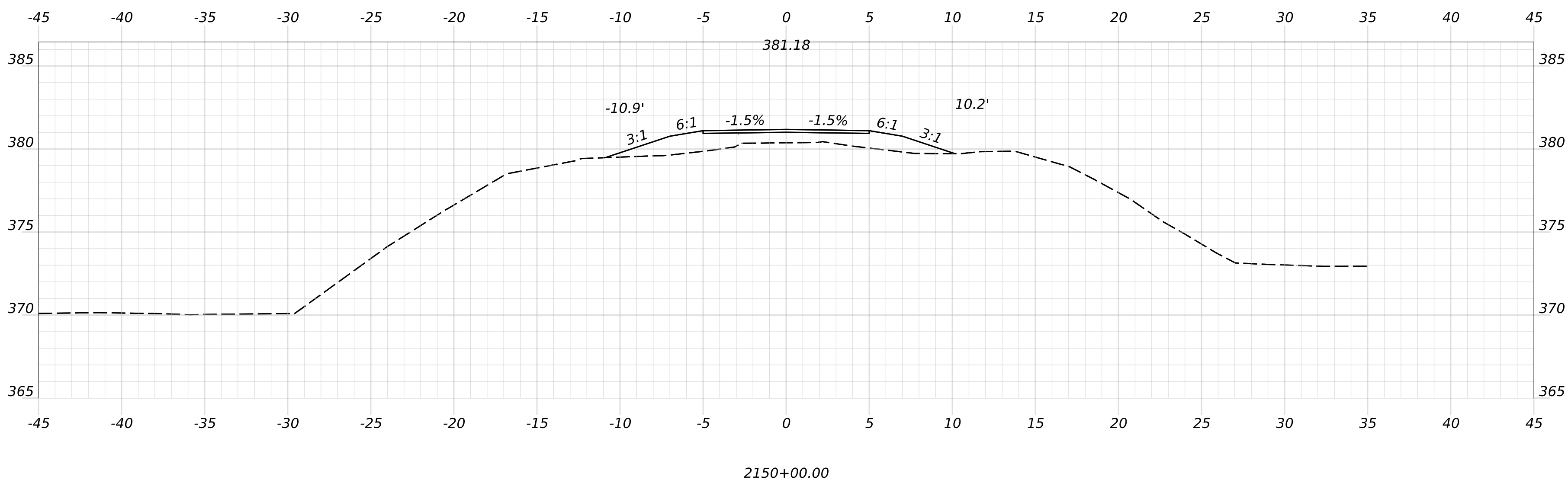
2136+00.00



PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26
CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26
DESIGN-DETAILED2			
DESIGN-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

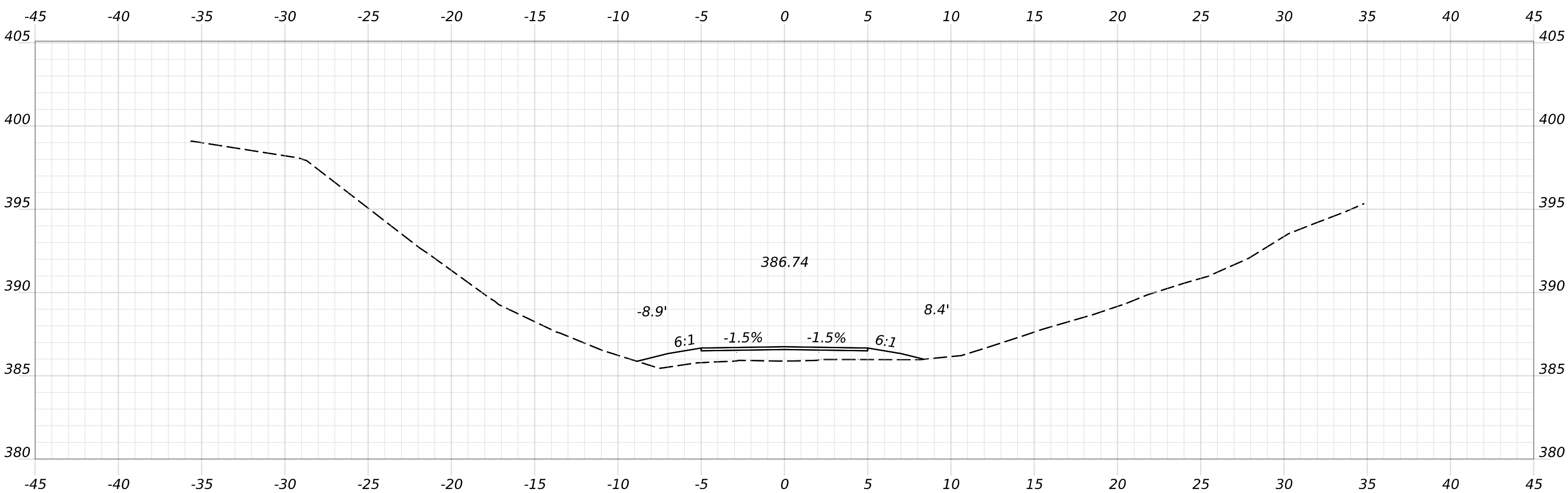
SIGNATURE
P.E. NUMBER
DATE

STATE OF MAINE DEPARTMENT OF TRANSPORTATION
2685810
WIN 26858.10
HIGHWAY PLANS

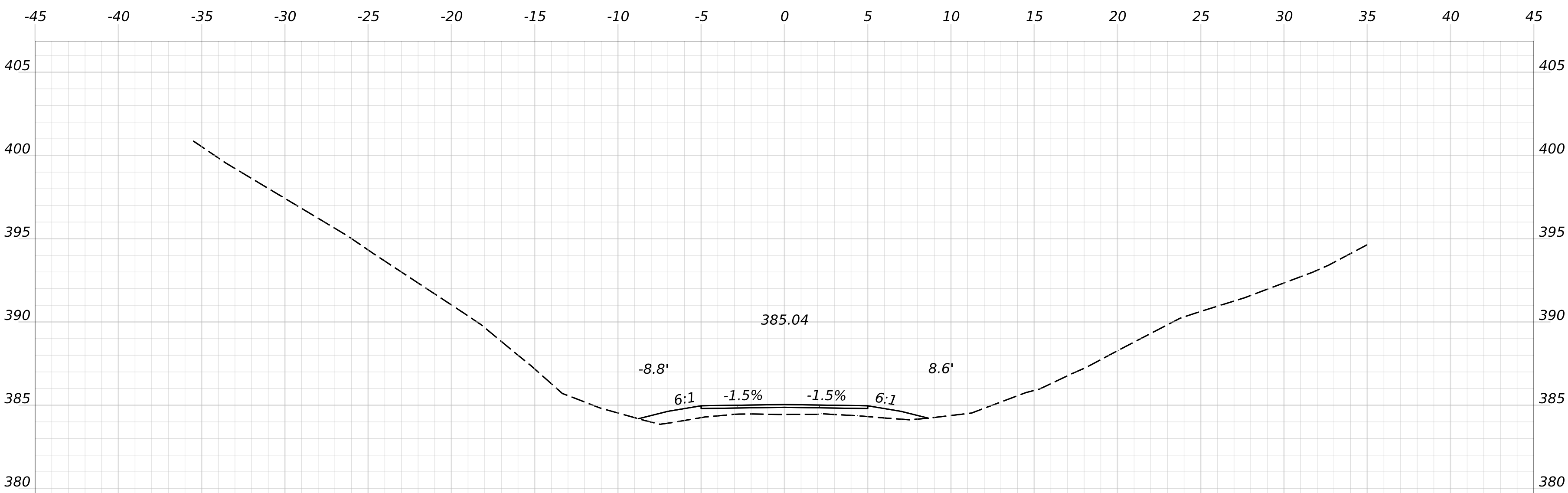


OF 236	145	SHEET NUMBER	HIRAM, BROWNFIELD, FRYEBURG MOUNTAIN DIVISION TRAIL	PROJ MANAGER		D LORING	BY	DATE	SIGNATURE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
				DESIGN-DETAILED		E KELSEY	E KELSEY	09/26			
				CHECKED-REVIEWED		C HELMICK	L ZACCHINI	09/26			
				DESIGN2-DETAILED2							
				DESIGN3-DETAILED3							
			CROSS SECTIONS	REVISIONS 1					P.E. NUMBER	2685810	
				REVISIONS 2							
				REVISIONS 3							
				REVISIONS 4							
				FIELD CHANGES							
								DATE	WIN 26858.10	HIGHWAY PLANS	

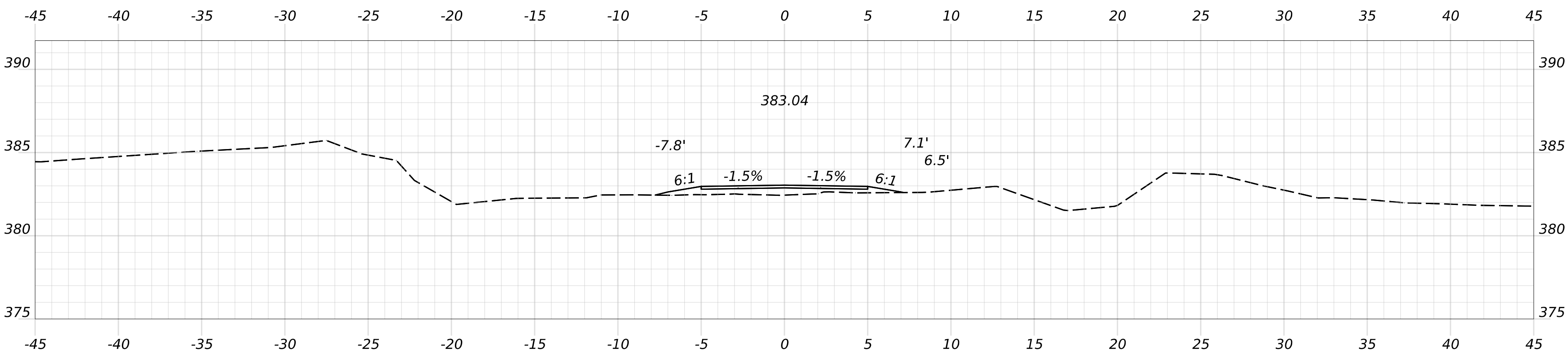
Filename: Cross Sections_(MDT_Section 4).dgn



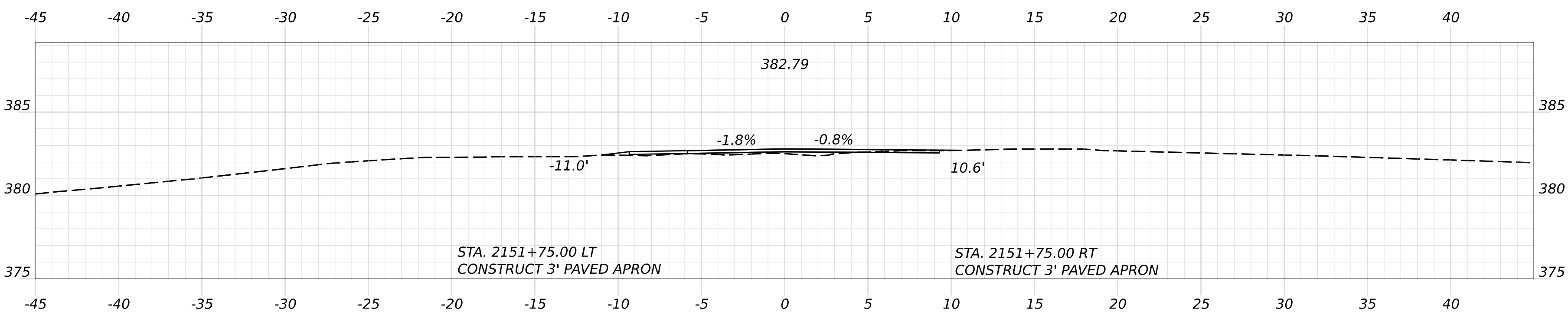
2156+00.00



2154+00.00



2152+00.00



2151+75.01 (SKEWED ALONG FIELD ENTRANCE)



OF 236

146

SHEET NUMBER

HIRAM, BROWNFIELD, FRYEBURG
MOUNTAIN DIVISION TRAIL

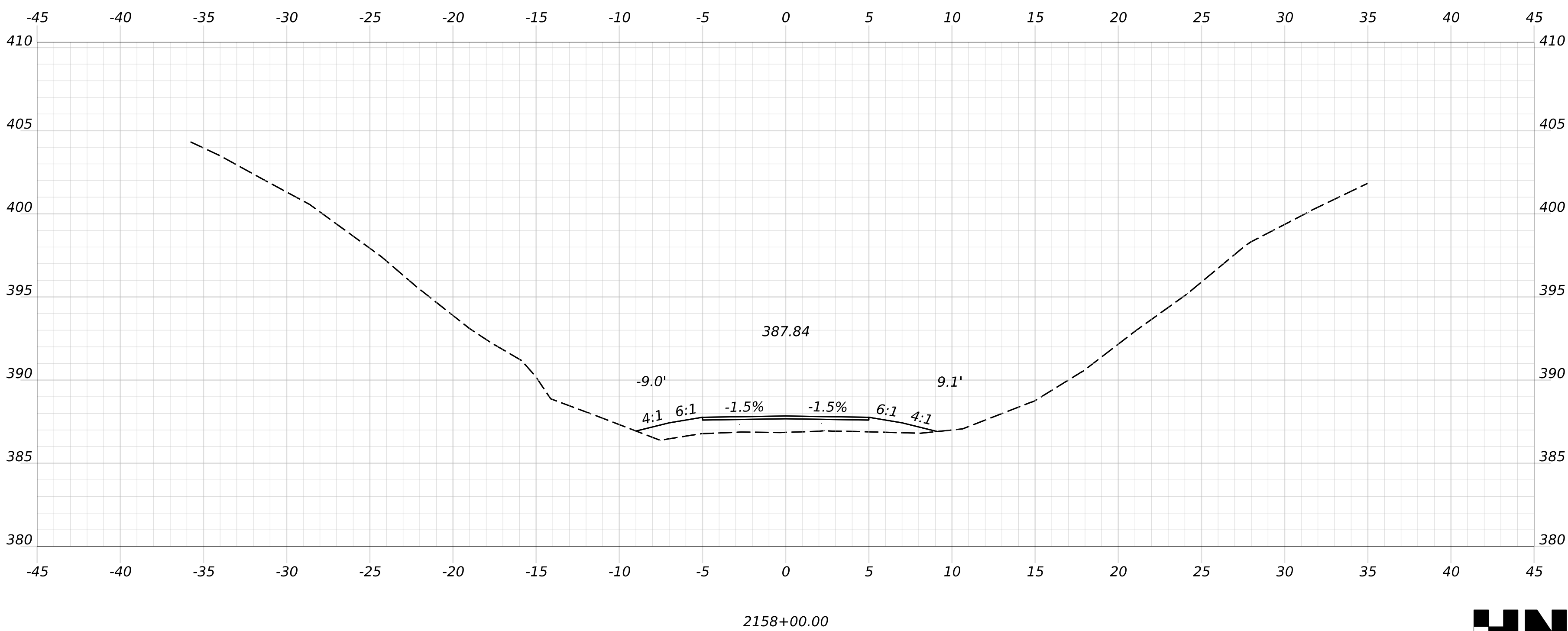
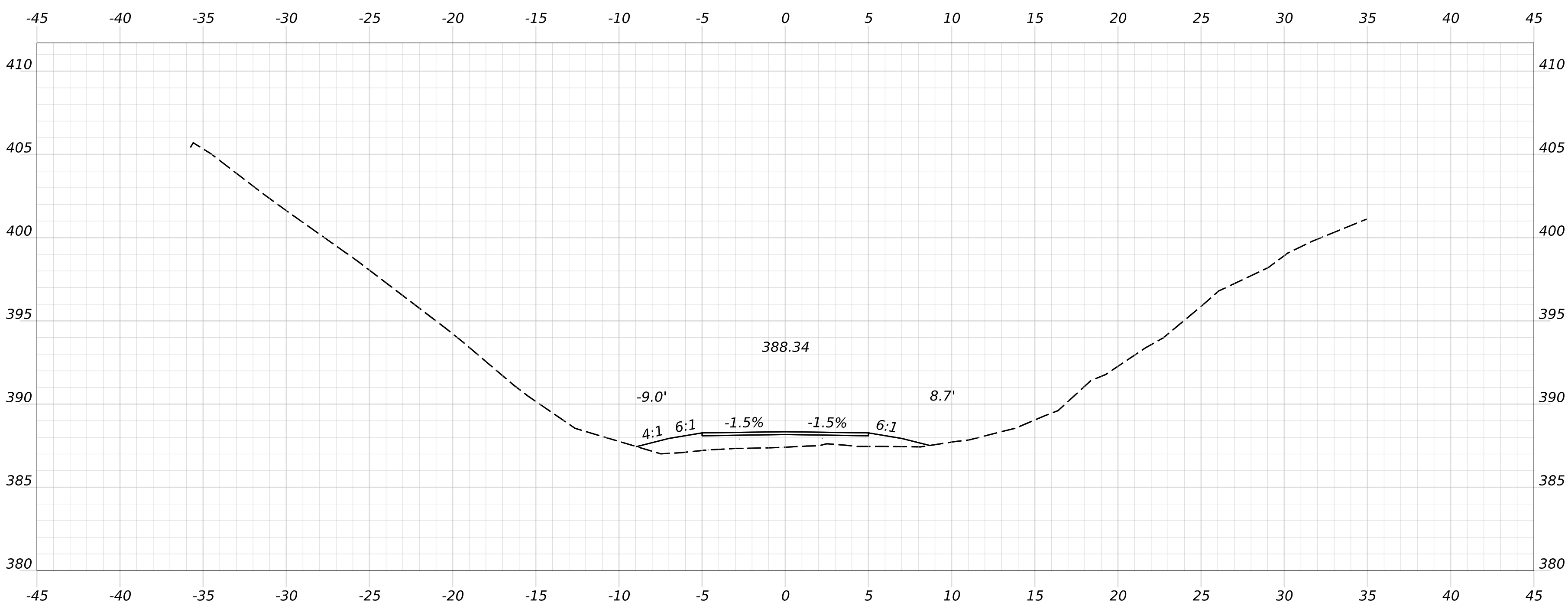
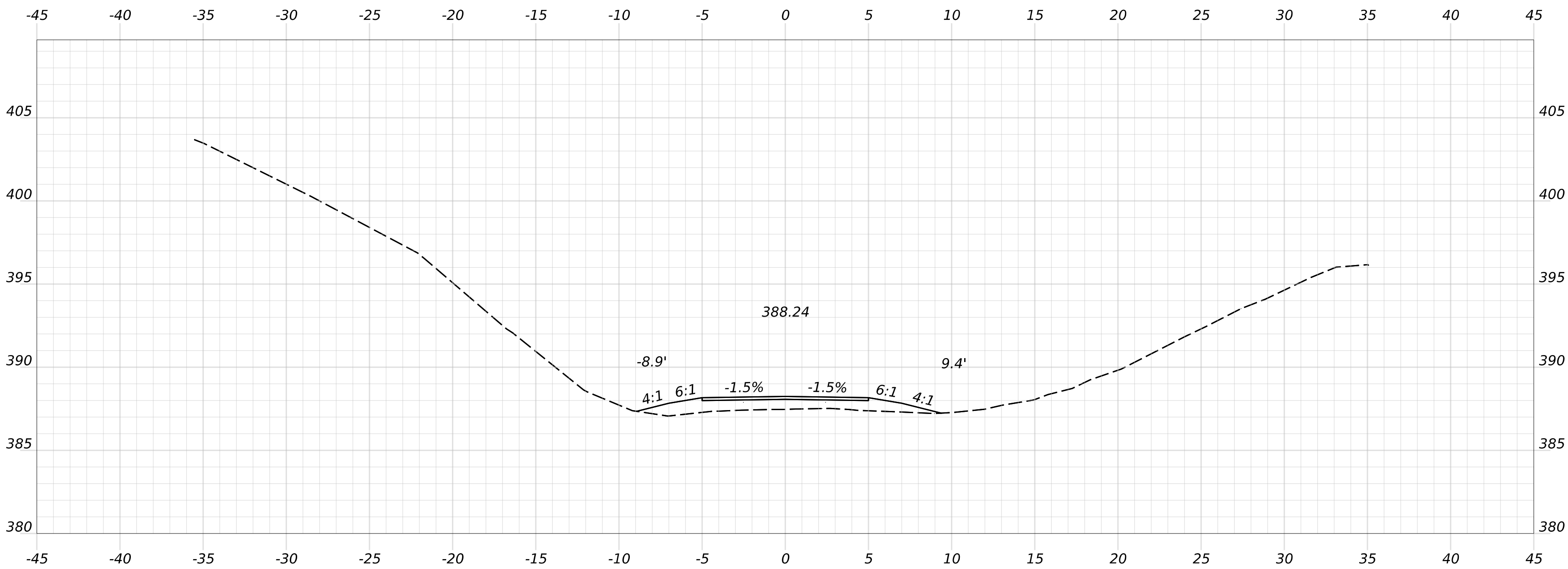
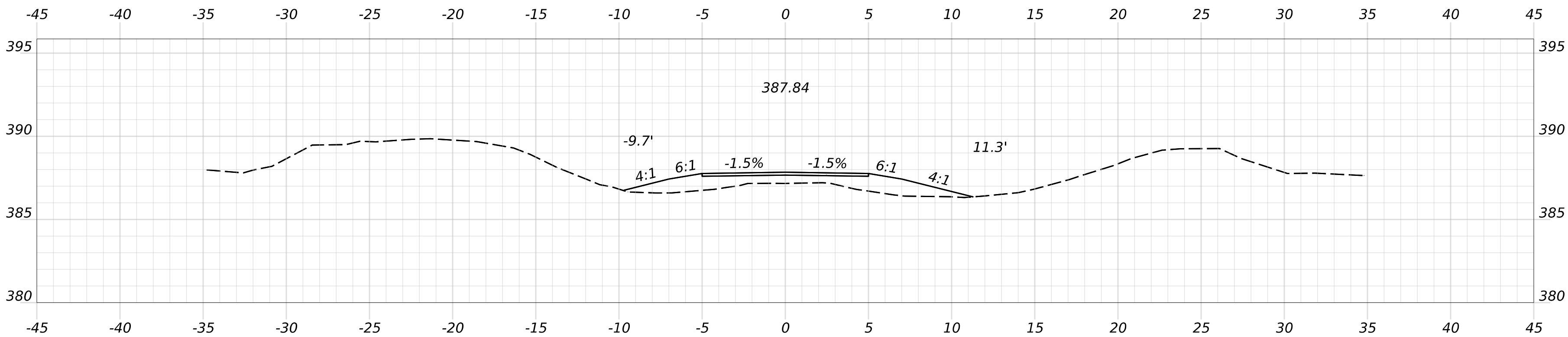
CROSS SECTIONS

PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26
CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26
DESIGN3-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
P.E. NUMBER
DATE

STATE OF MAINE DEPARTMENT OF TRANSPORTATION
2685810
WIN 26858.10
HIGHWAY PLANS

Filename: Cross Sections_(MDT_Section 4).dgn



PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26
CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

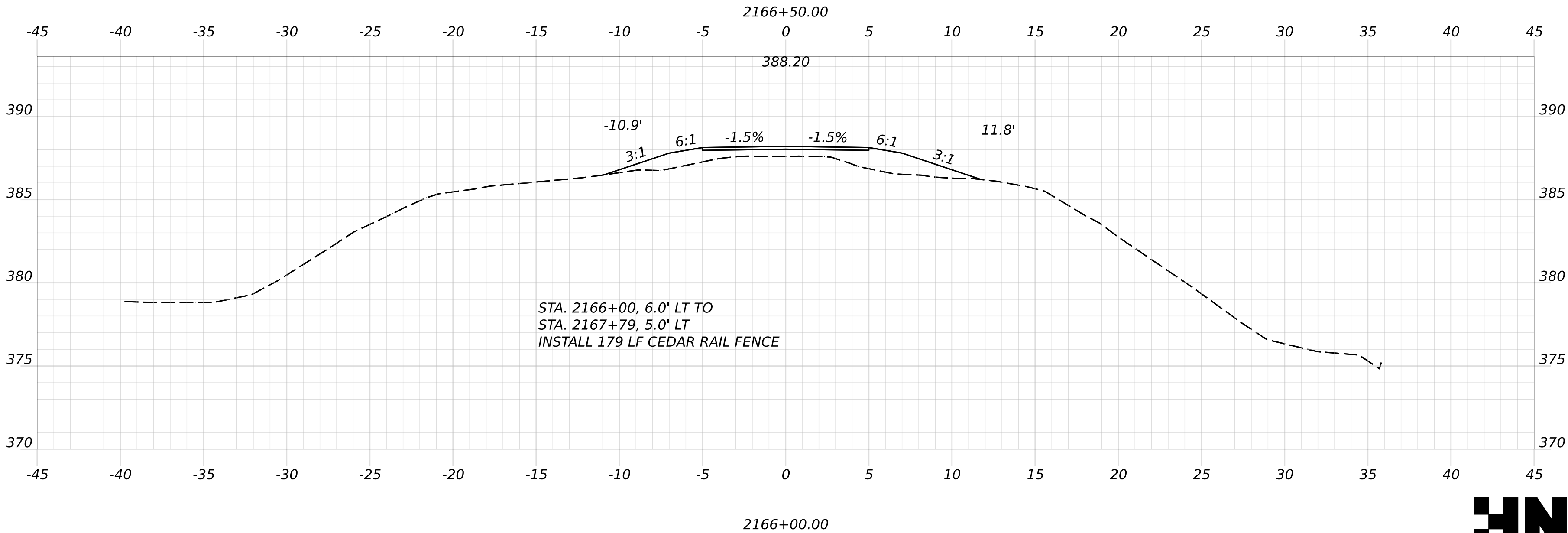
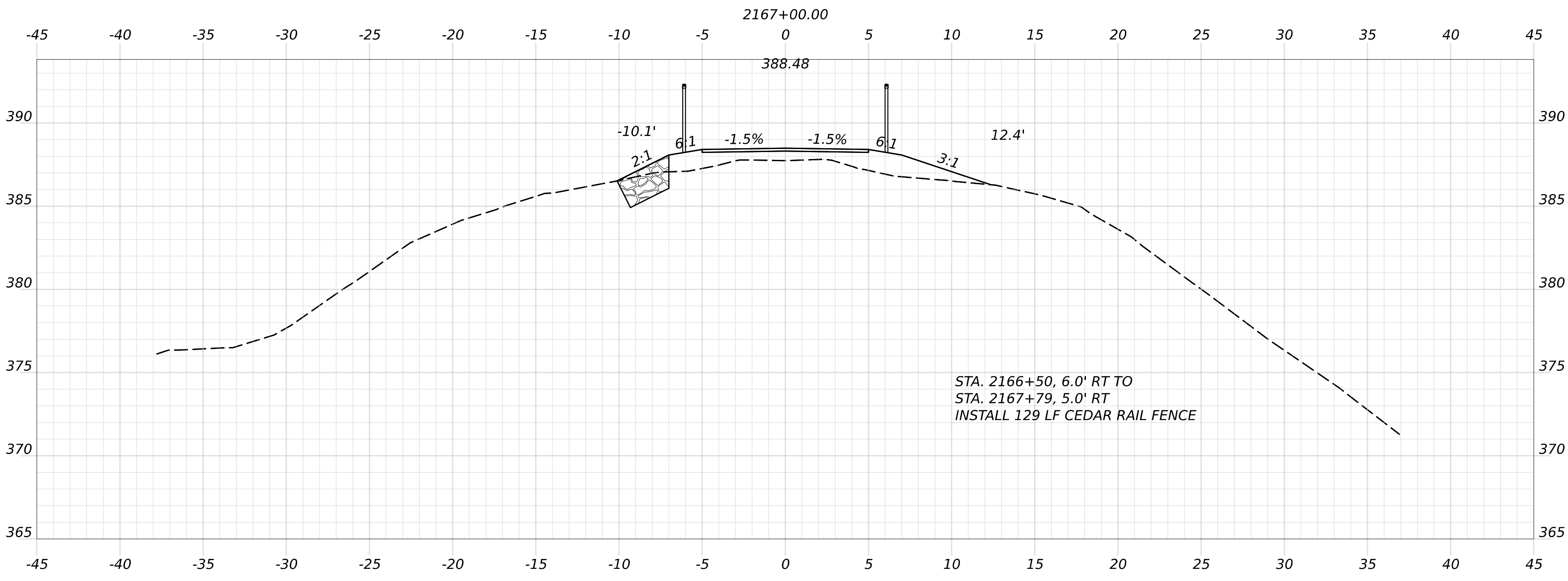
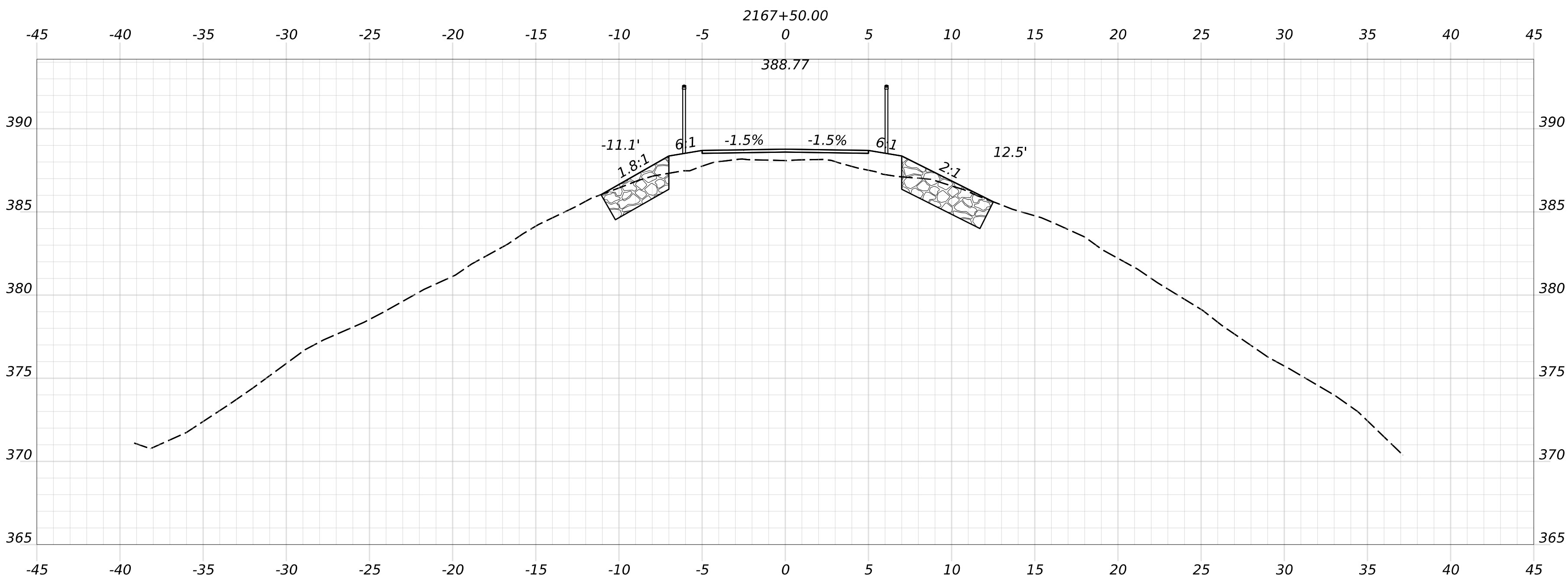
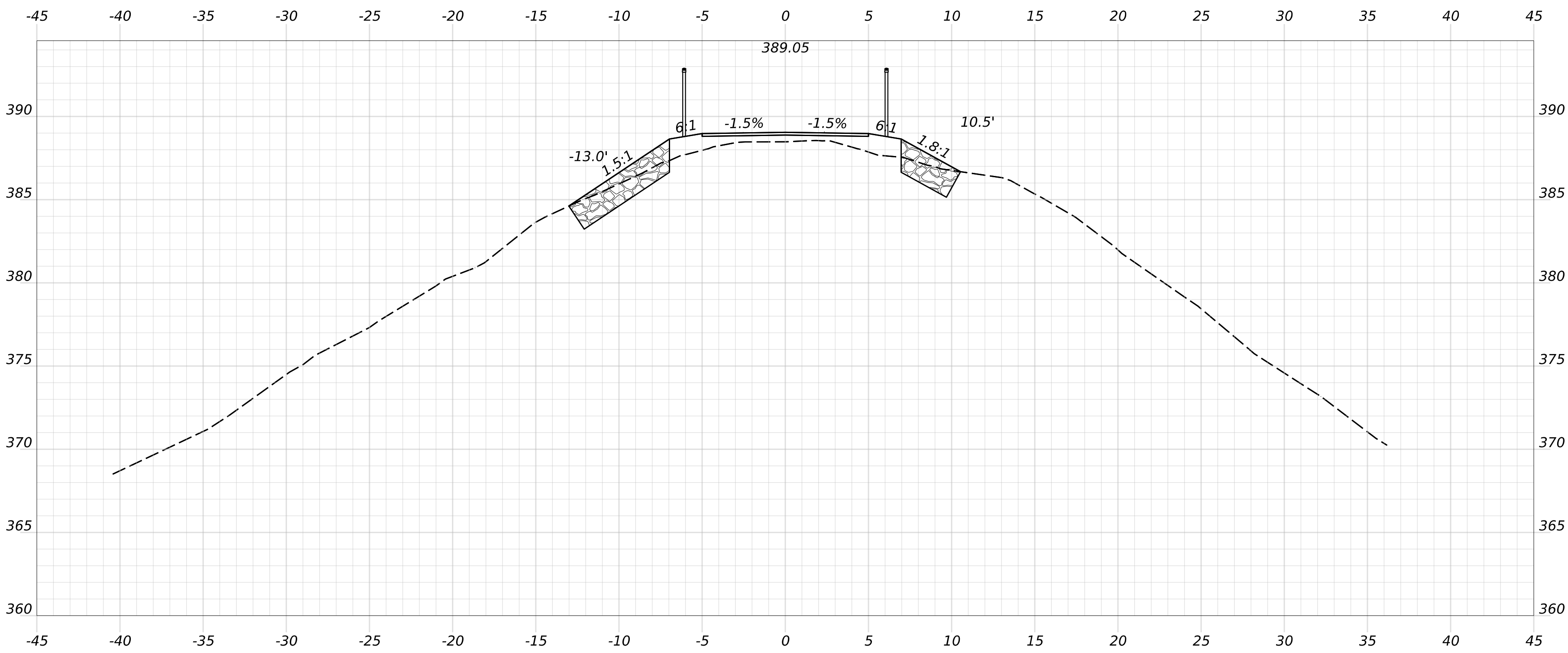
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

2685810

WIN
26858.10

HIGHWAY PLANS

Filename: Cross Sections_(MDT_Section 4).dgn



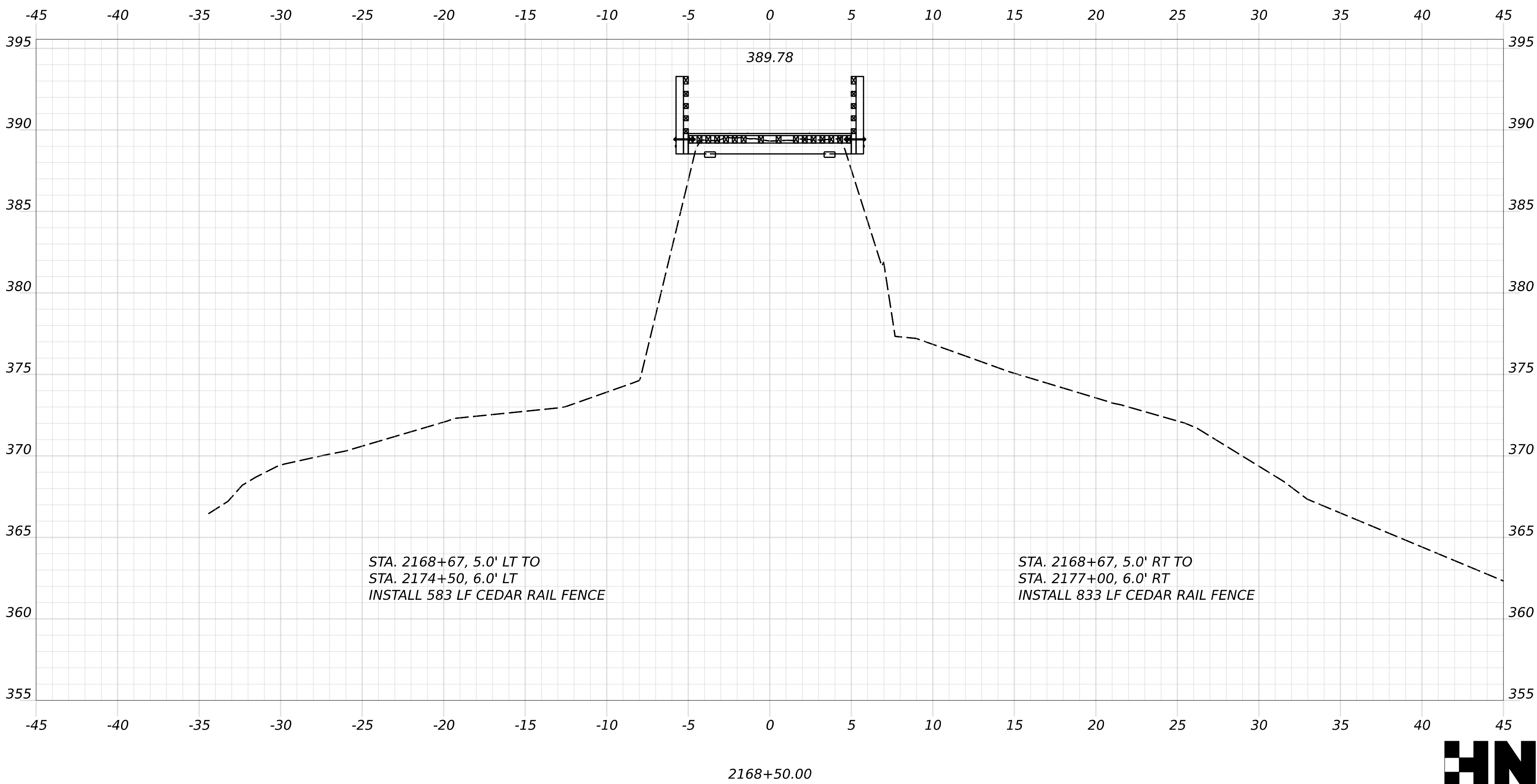
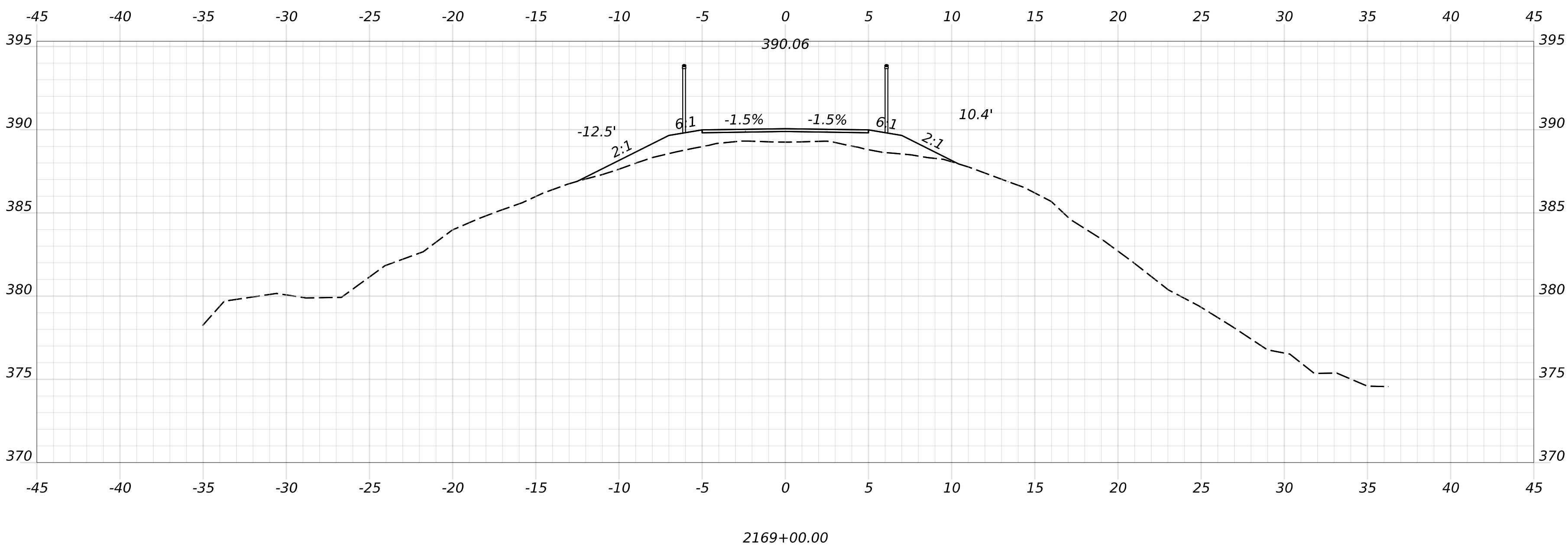
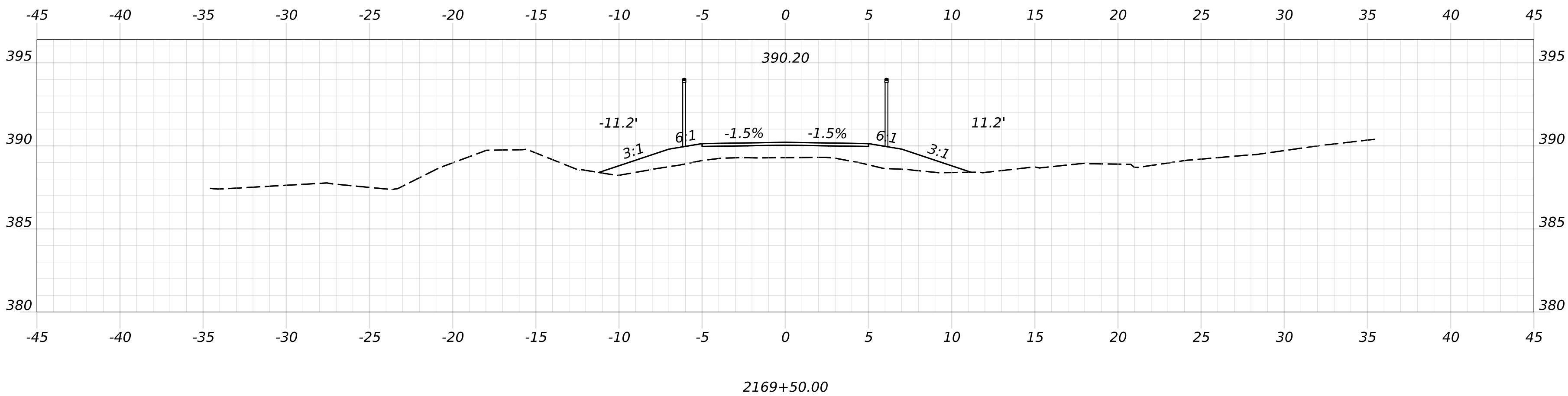
PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26
CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26
DESIGN-DETAILED2			
DESIGN-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

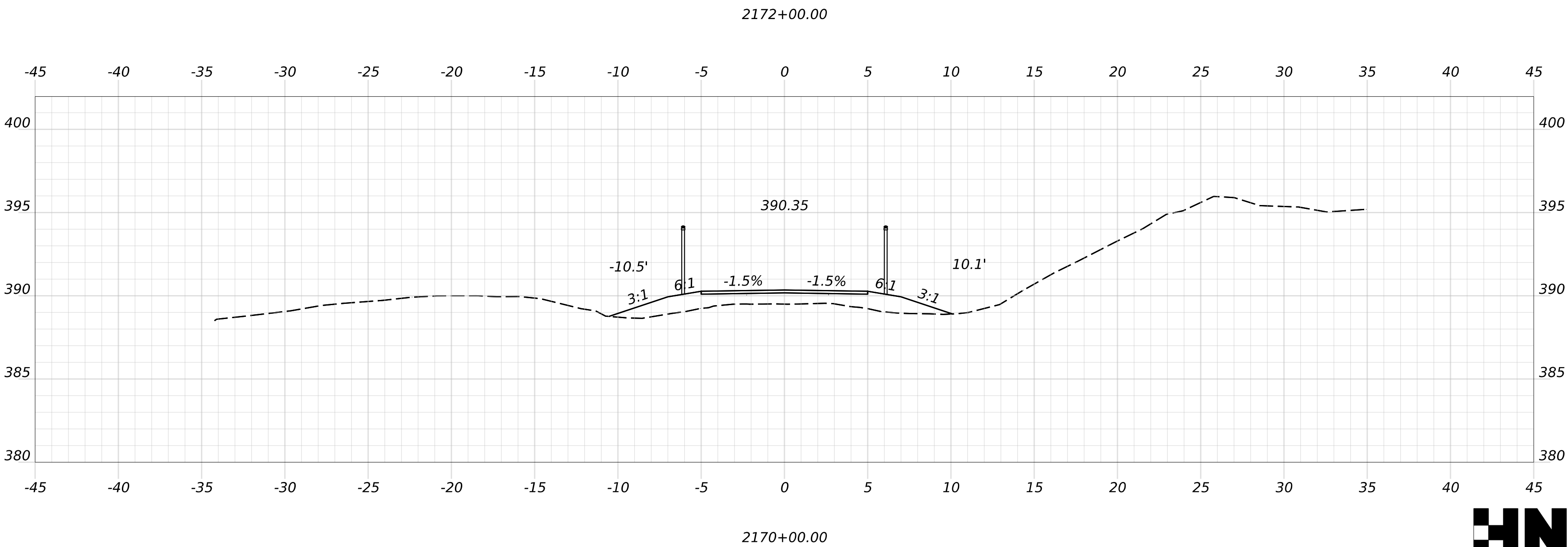
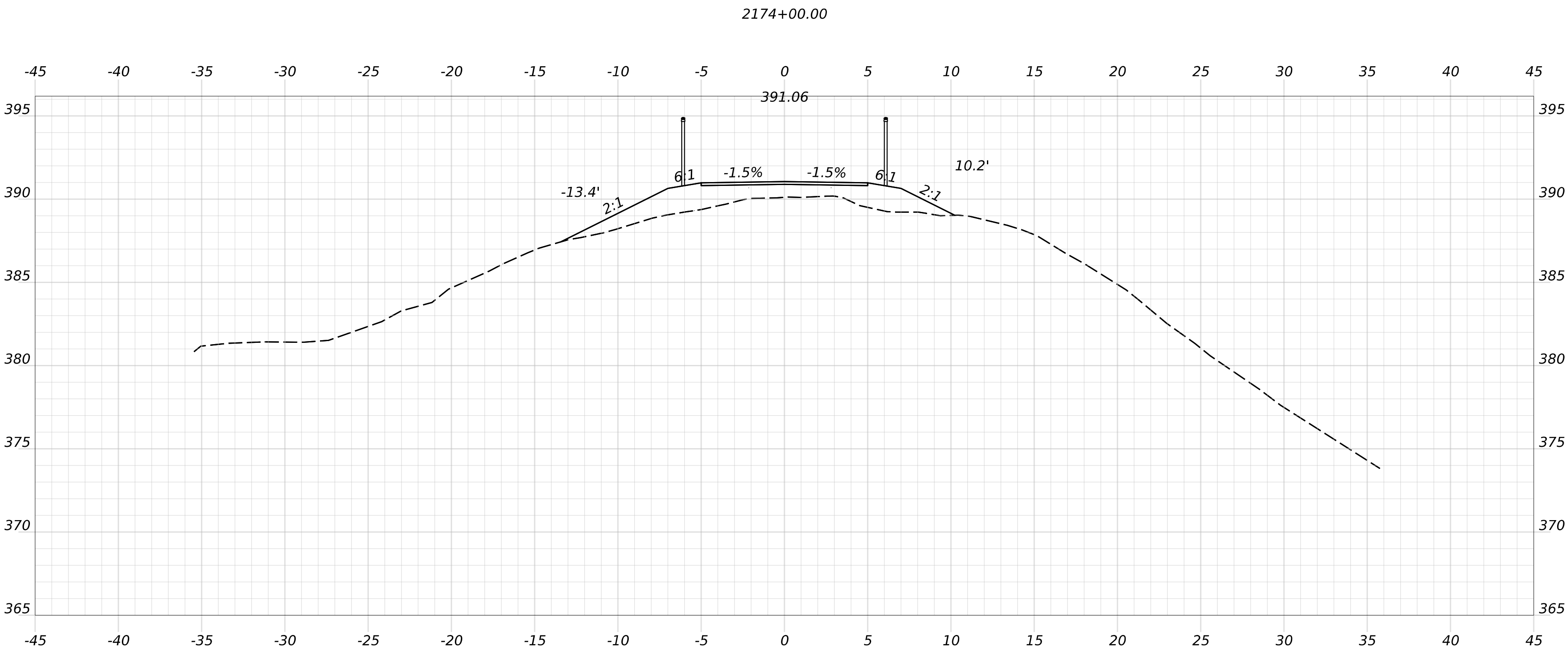
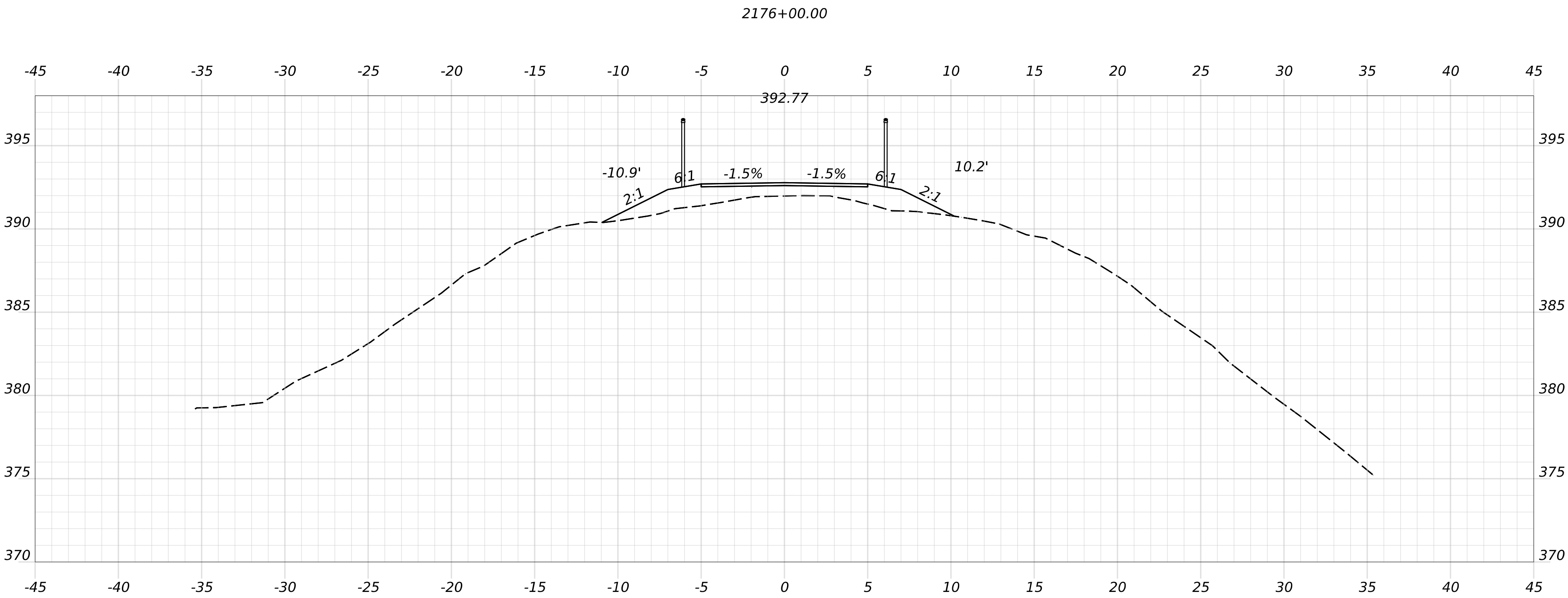
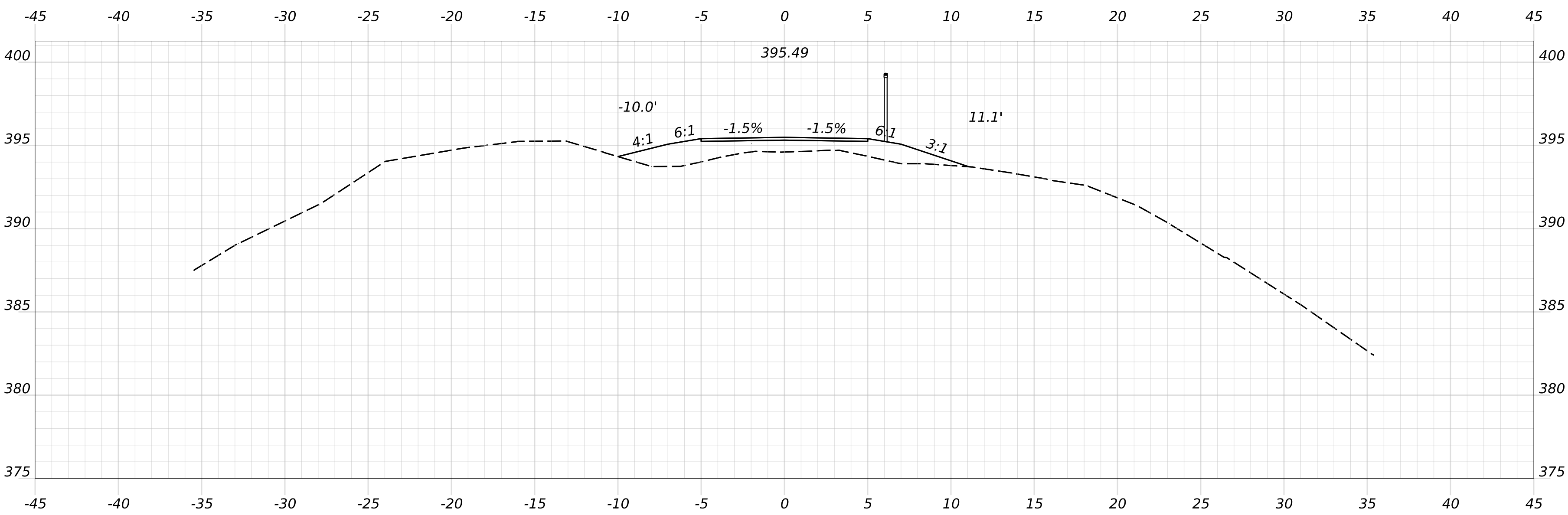
DATE

Filename: Cross Sections_(MDT_Section 4).dgn



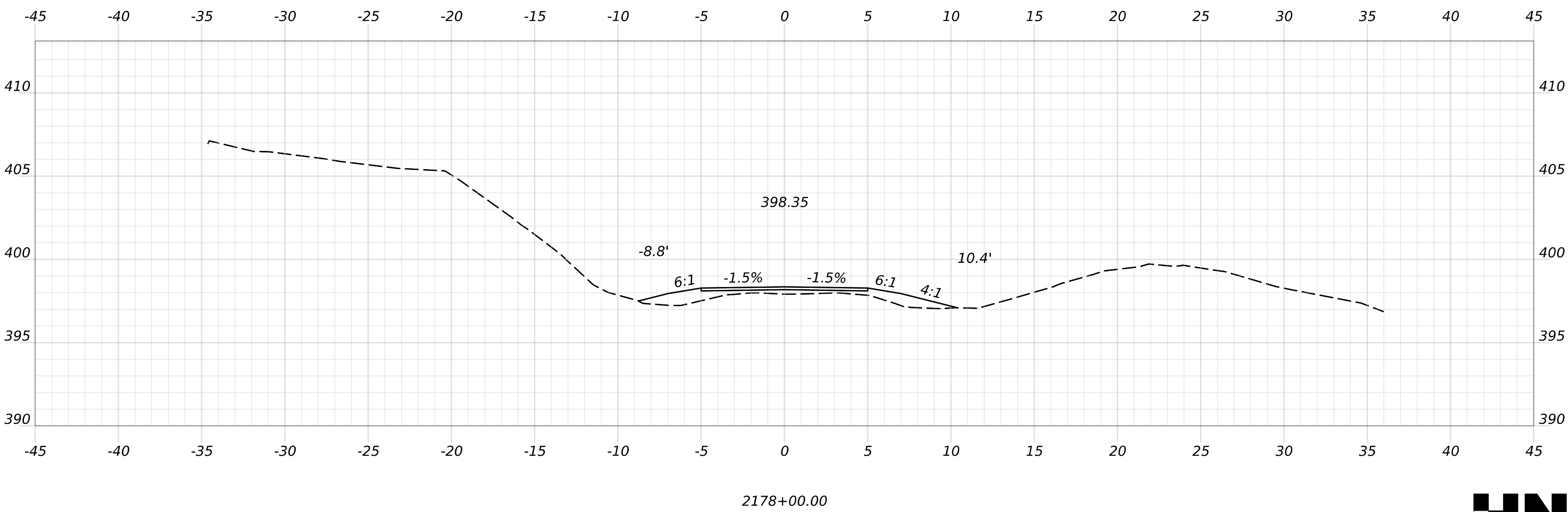
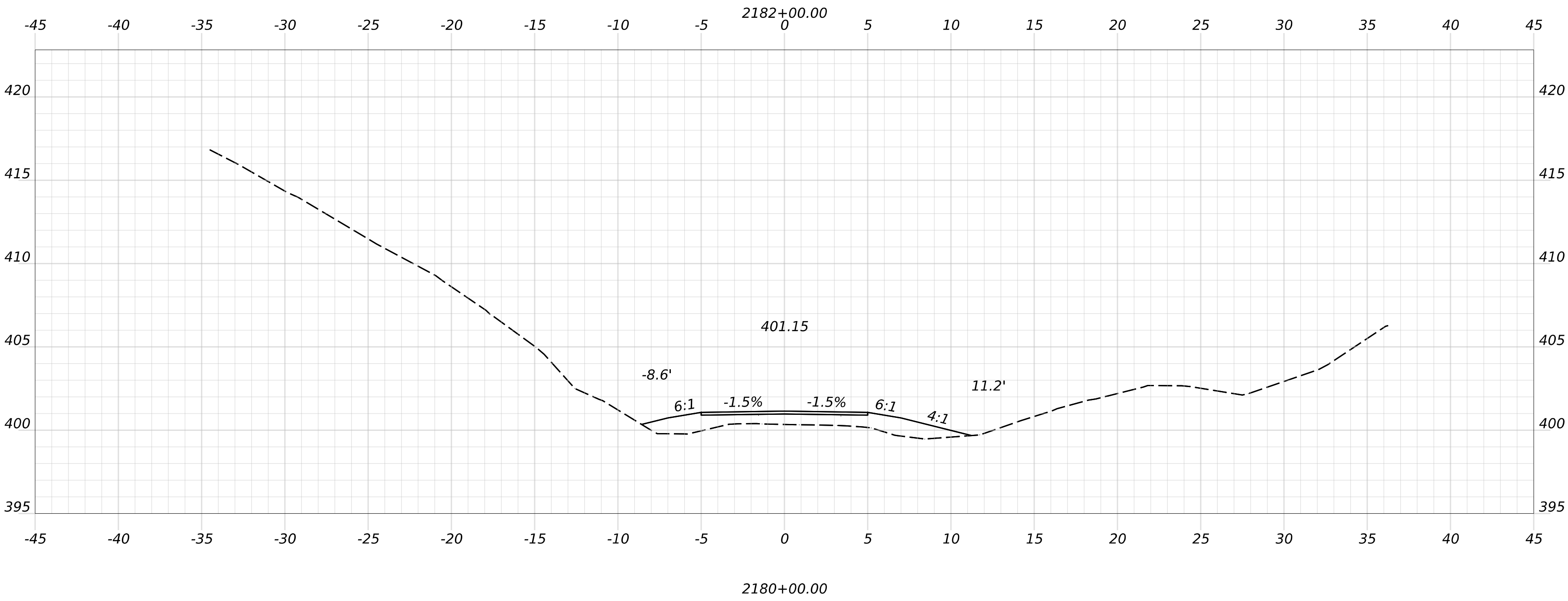
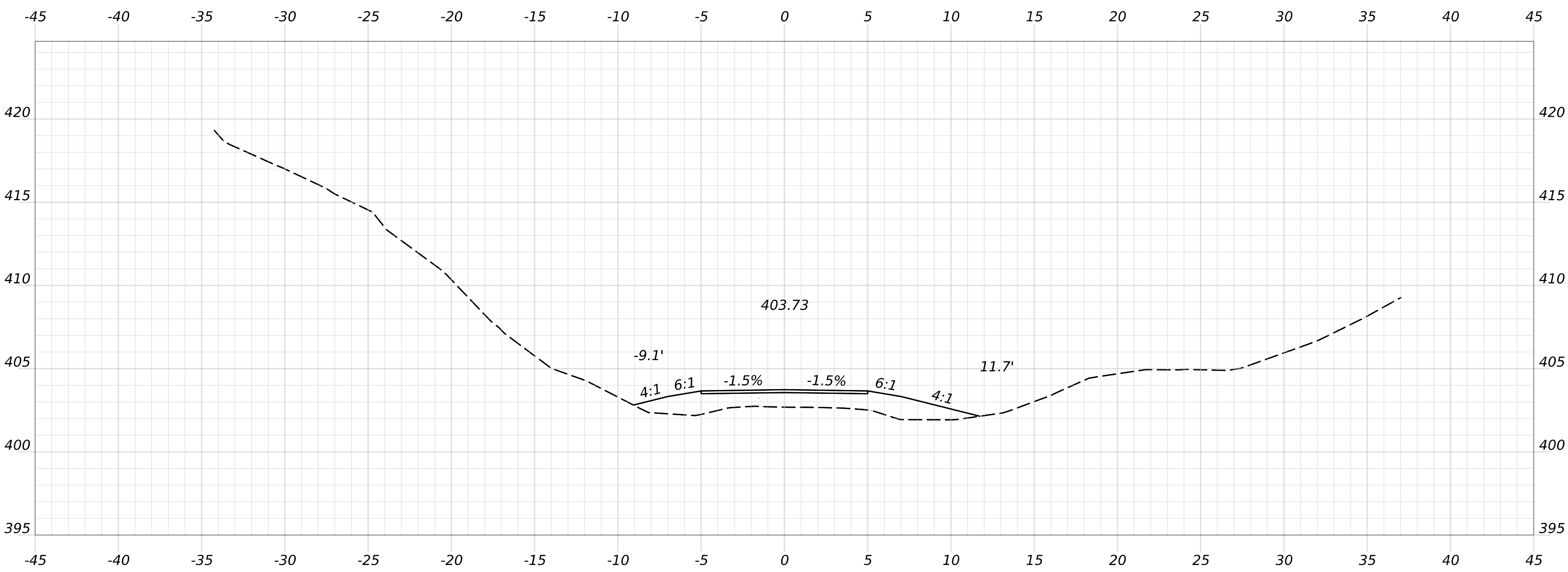
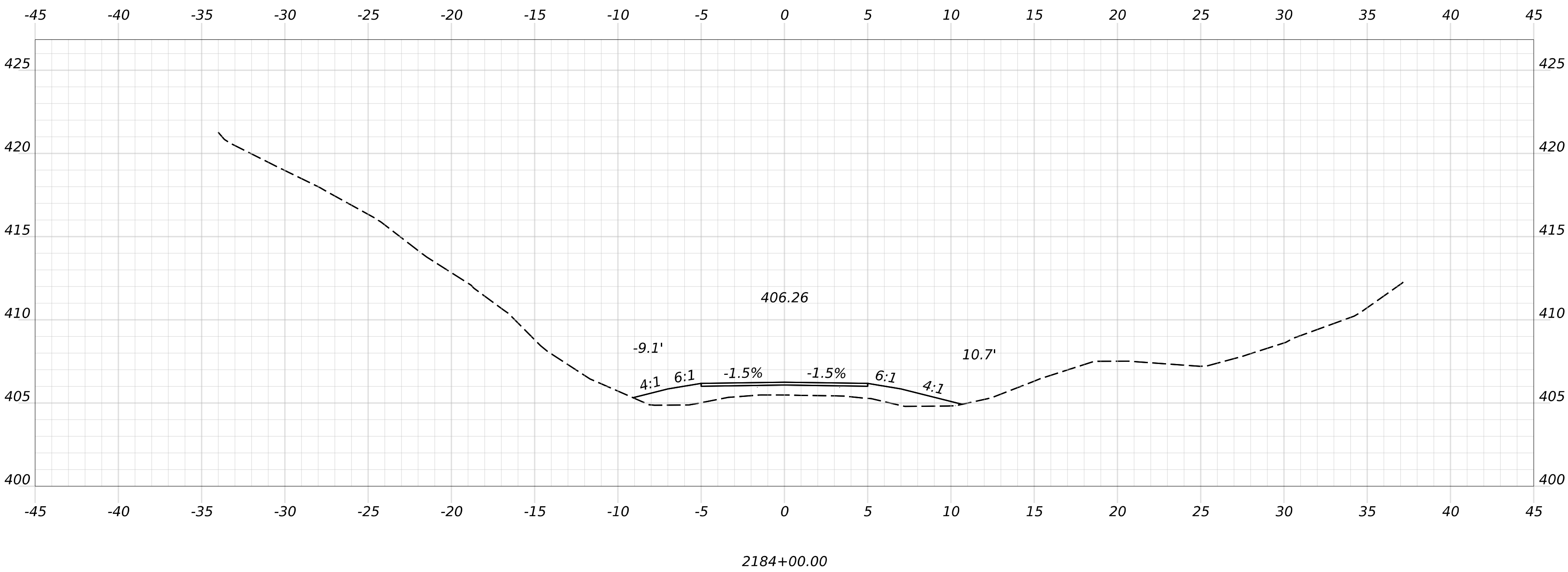
OF 236	SHEET NUMBER	HIRAM, BROWNFIELD, FRYEBURG MOUNTAIN DIVISION TRAIL				PROJ. MANAGER		D. LORING		BY		DATE		SIGNATURE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION			
		CROSS SECTIONS				DESIGN-DETAILED		E. KELSEY		E. KELSEY		09/26			P.E. NUMBER	2685810		
						CHECKED-REVIEWED		C. HELMICK		L. ZACCHINI		09/26						
						DESIGN2-DETAILED2								DATE	WIN 26858.10 HIGHWAY PLANS			
						DESIGN3-DETAILED3												
						REVISIONS 1												
						REVISIONS 2												
						REVISIONS 3												
						REVISIONS 4												
		FIELD CHANGES																

Filename: Cross Sections_(MDT_Section 4).dgn



OF 236	SHEET NUMBER	HIRAM, BROWNFIELD, FRYEBURG MOUNTAIN DIVISION TRAIL	PROJ. MANAGER	D. LORING	BY	DATE	SIGNATURE	STATE OF MAINE			
			DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26		DEPARTMENT OF TRANSPORTATION			
			CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26		2685810			
			DESIGN2-DETAILED2					WIN			
		CROSS SECTIONS			DESIGN3-DETAILED3				P.E. NUMBER	26858.10	
					REVISIONS 1				DATE	HIGHWAY PLANS	
					REVISIONS 2						
					REVISIONS 3						
			REVISIONS 4								
			FIELD CHANGES								

Filename: Cross Sections_(MDT_Section 4).dgn



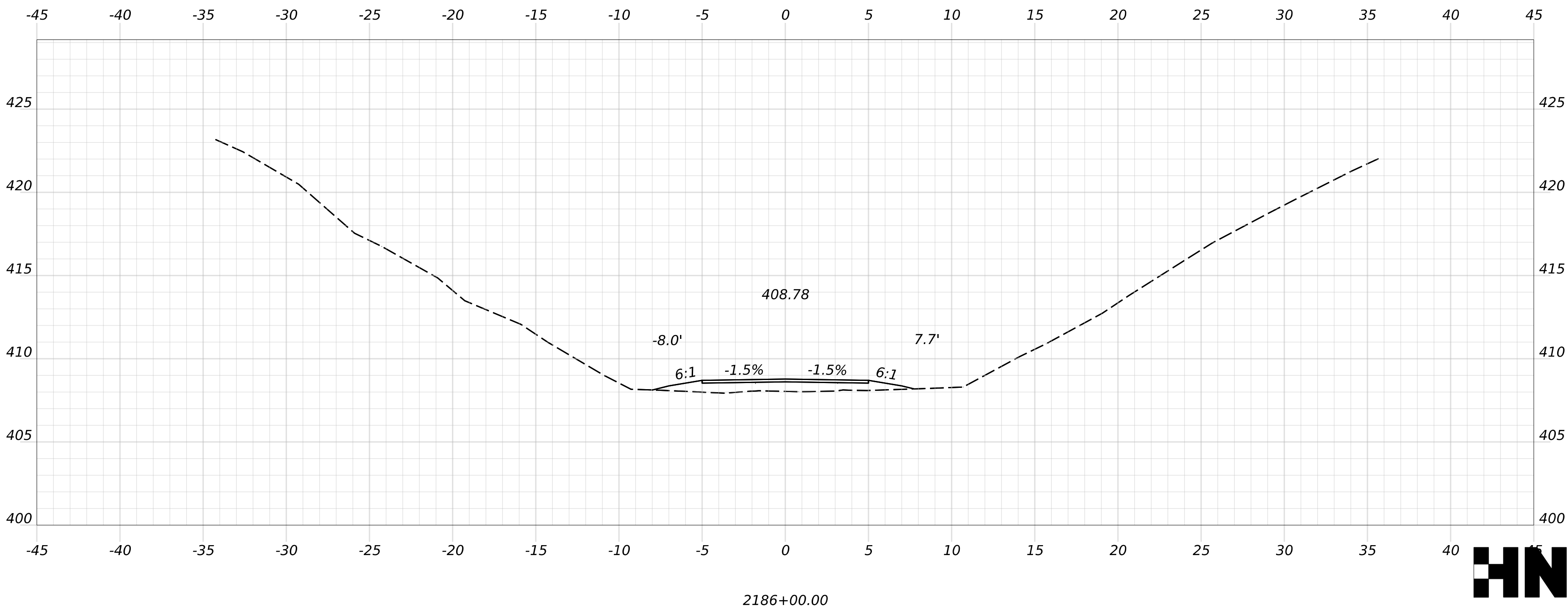
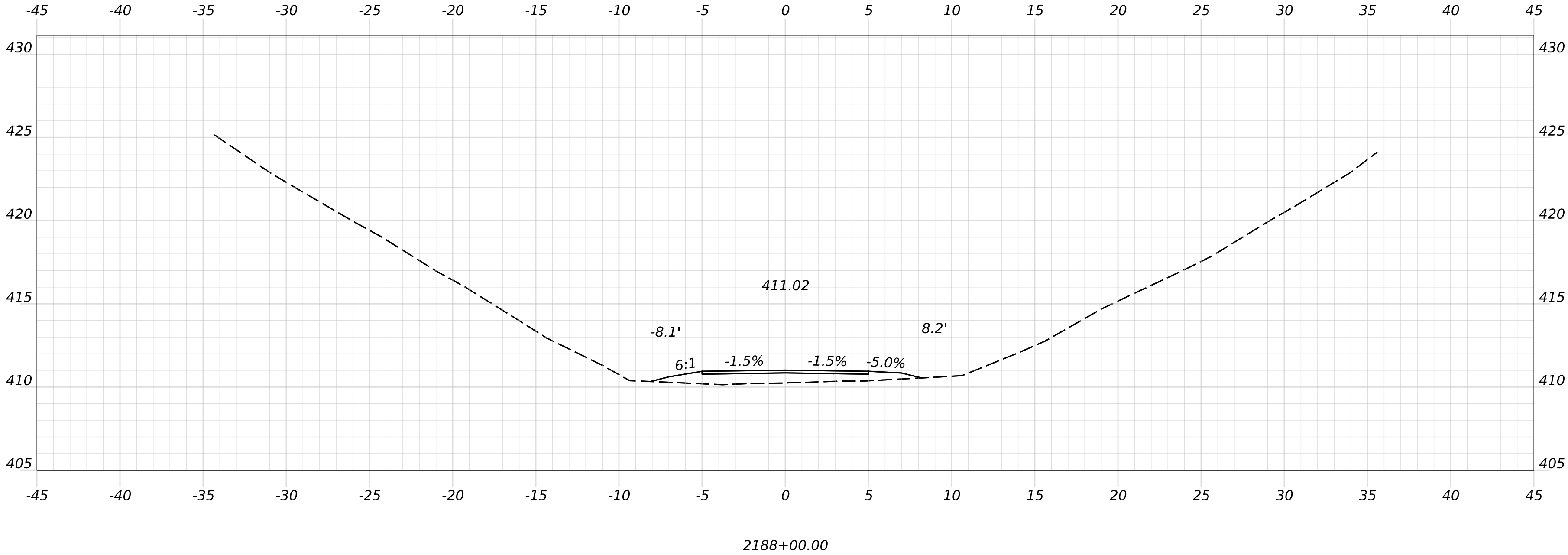
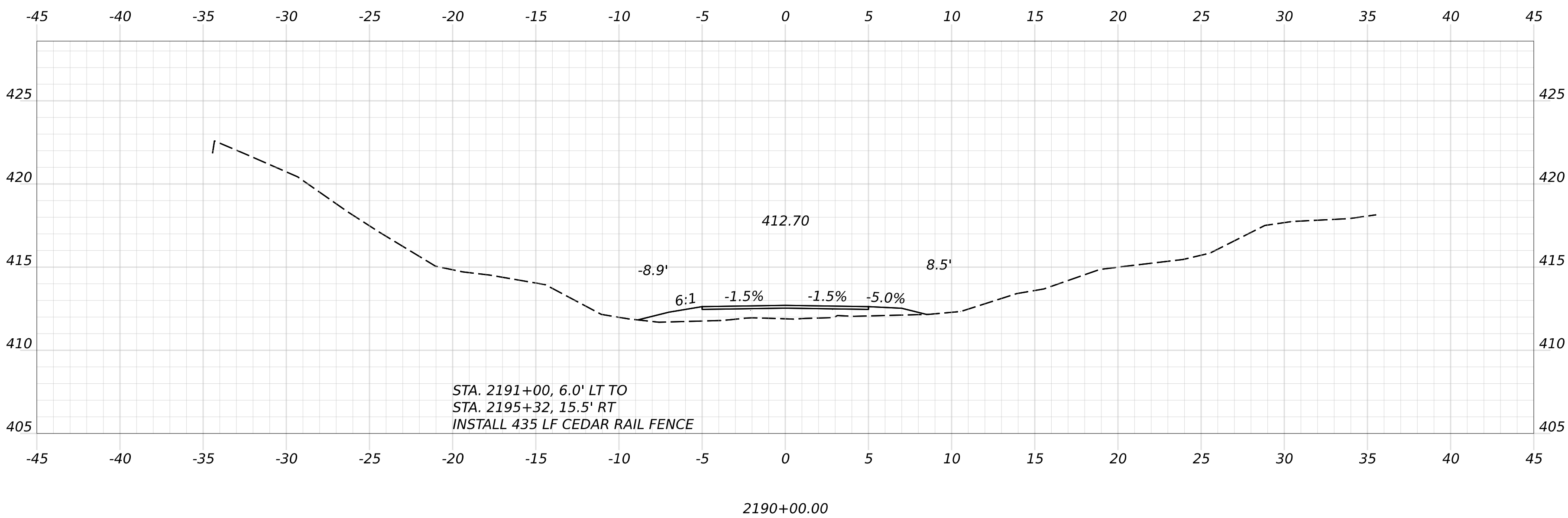
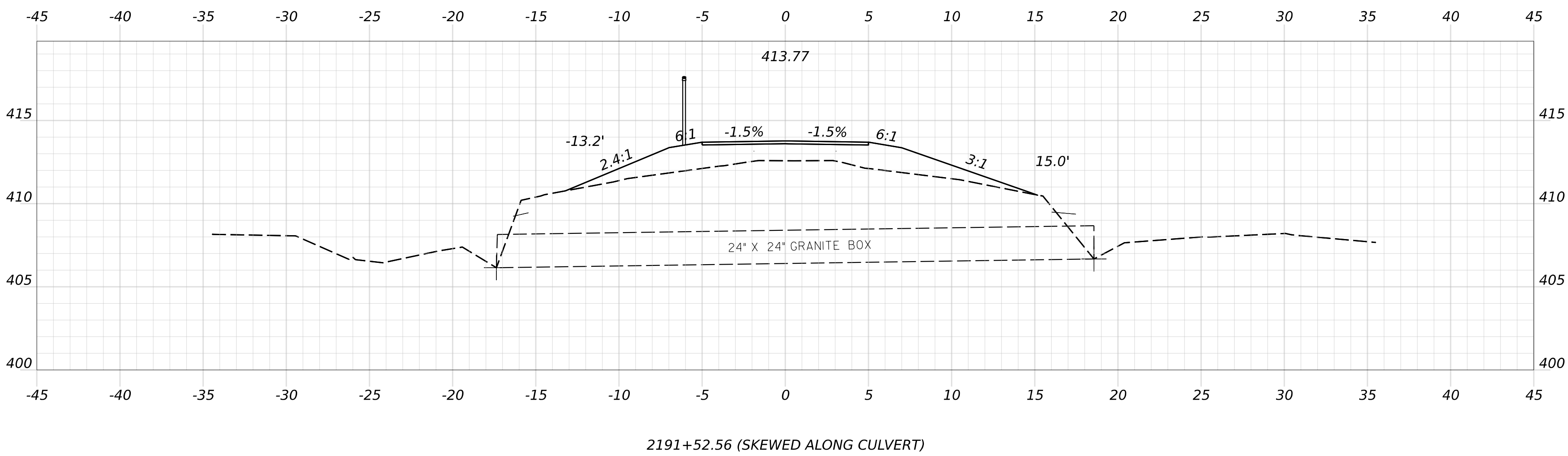
PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26
CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

Filename: Cross Sections_(MDT_Section 4).dgn



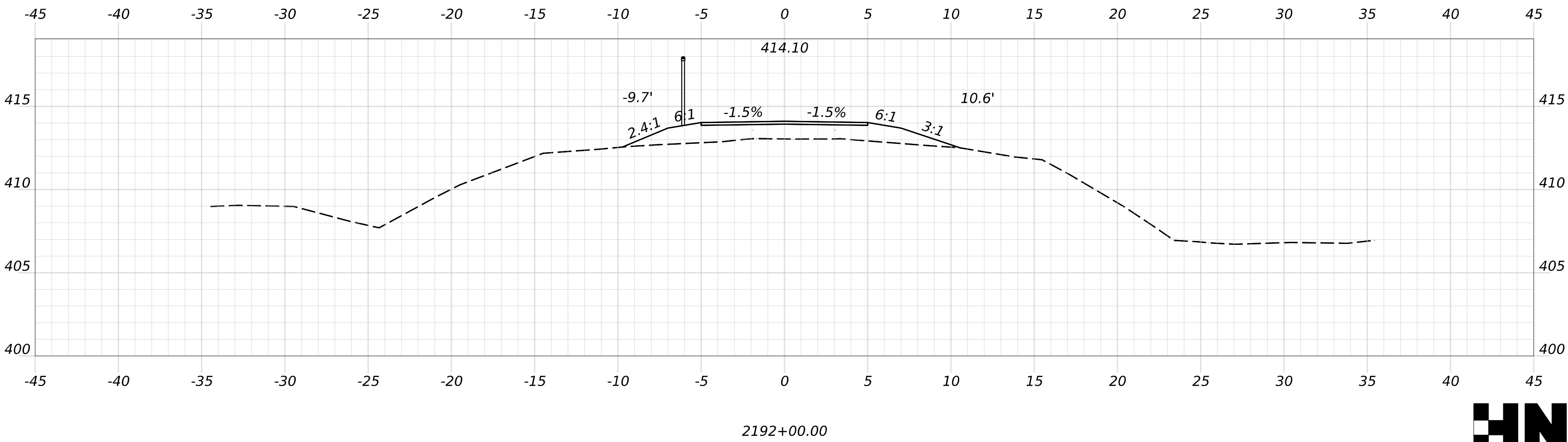
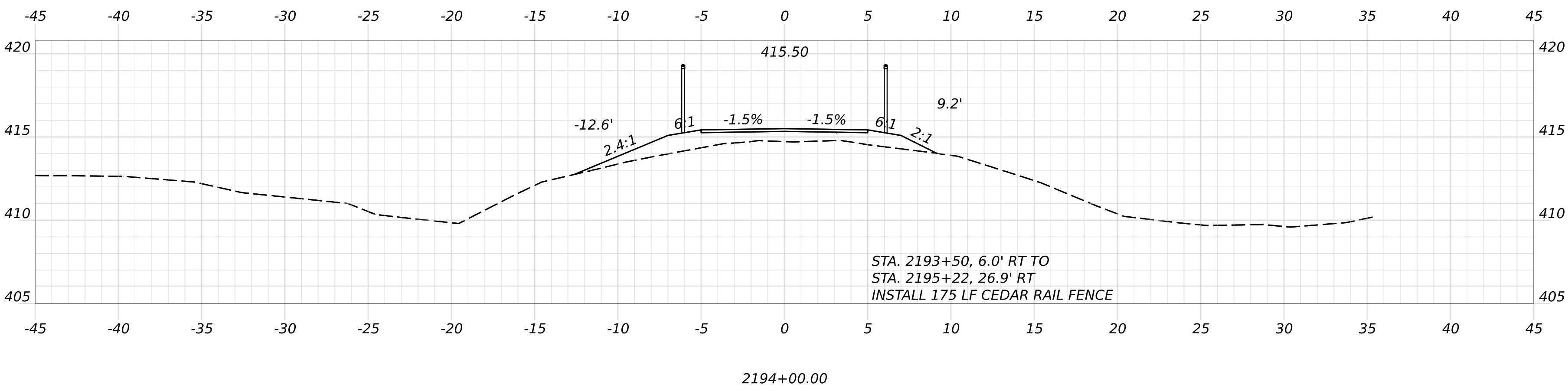
PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26
CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26
DESIGN-DETAILED2			
DESIGN-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

Filename: Cross Sections_(MDT_Section 4).dgn



PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26
CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

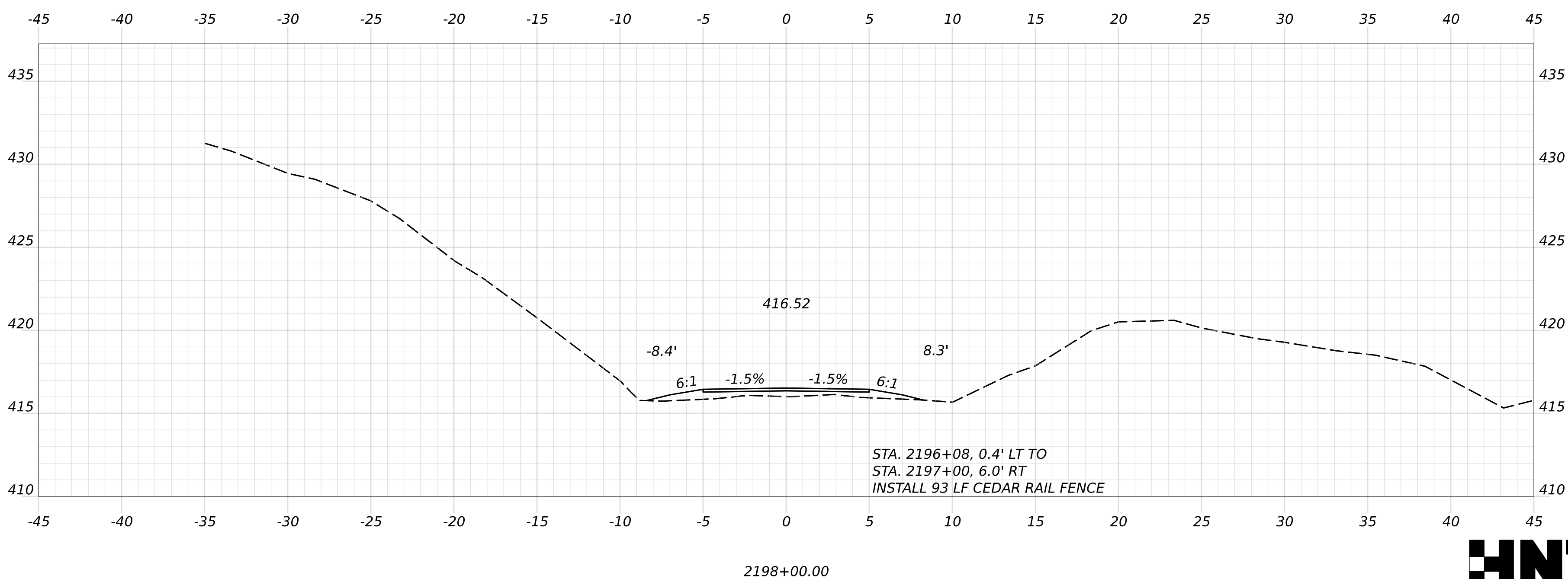
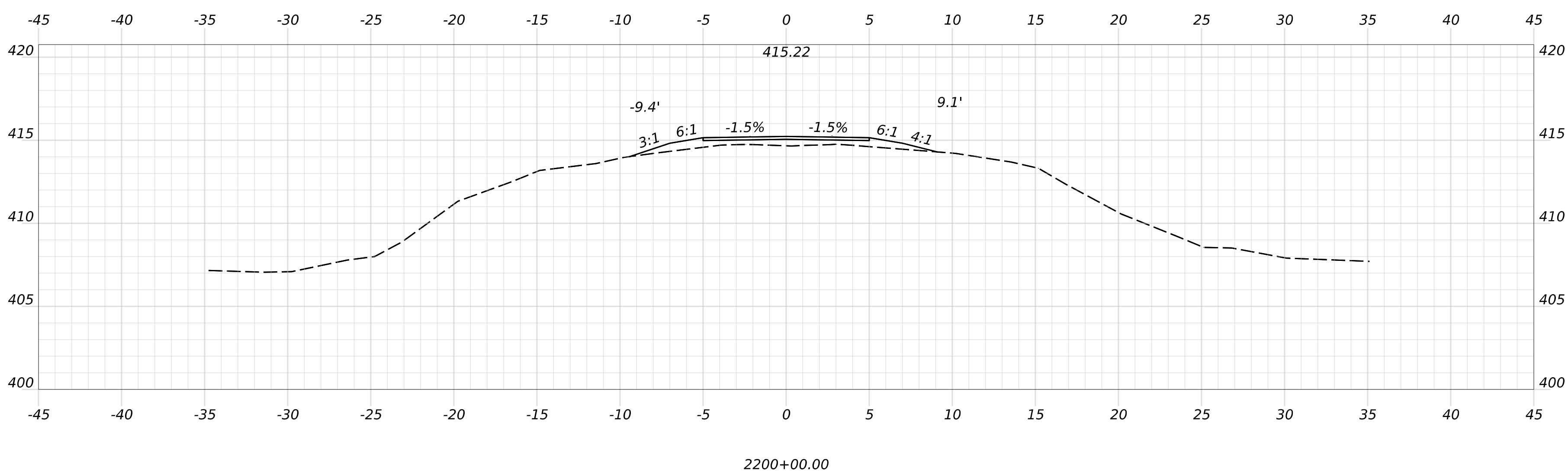
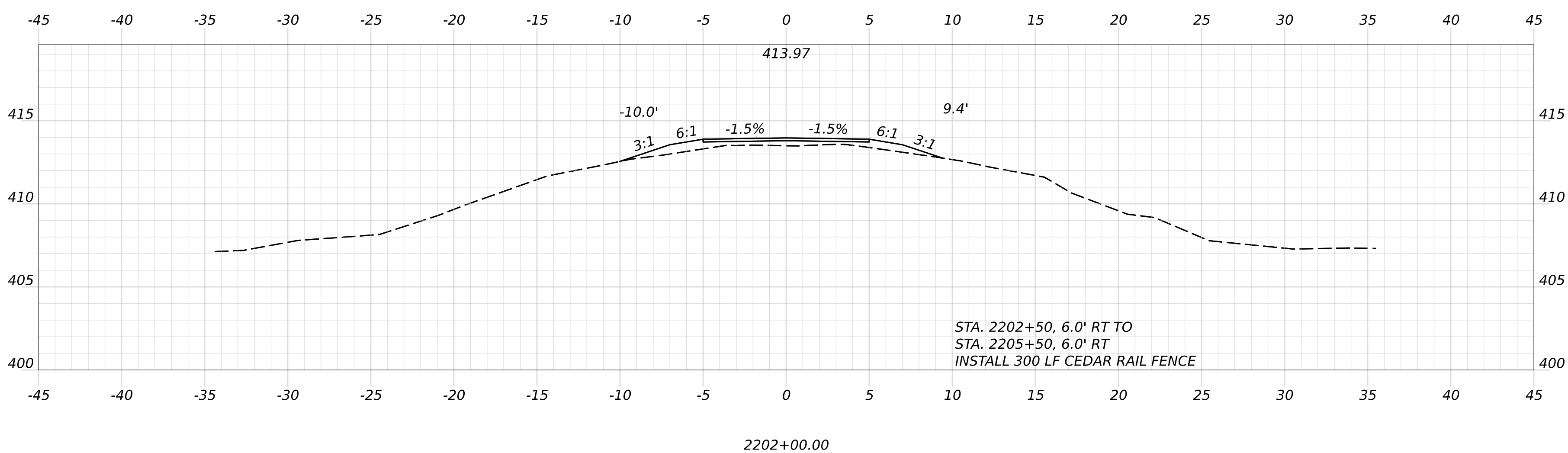
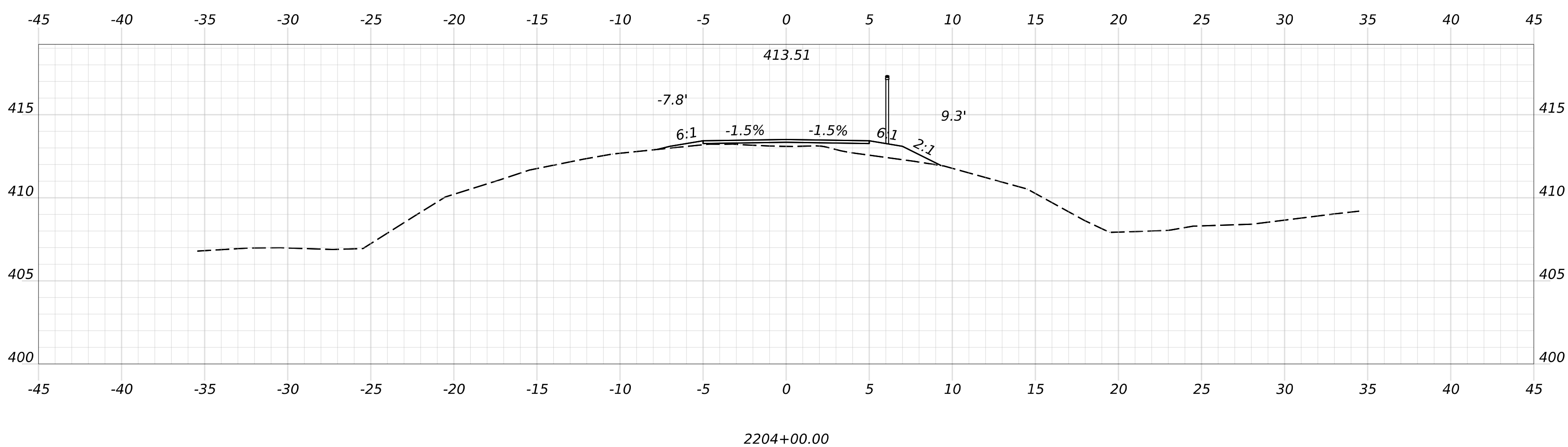
DATE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

2685810

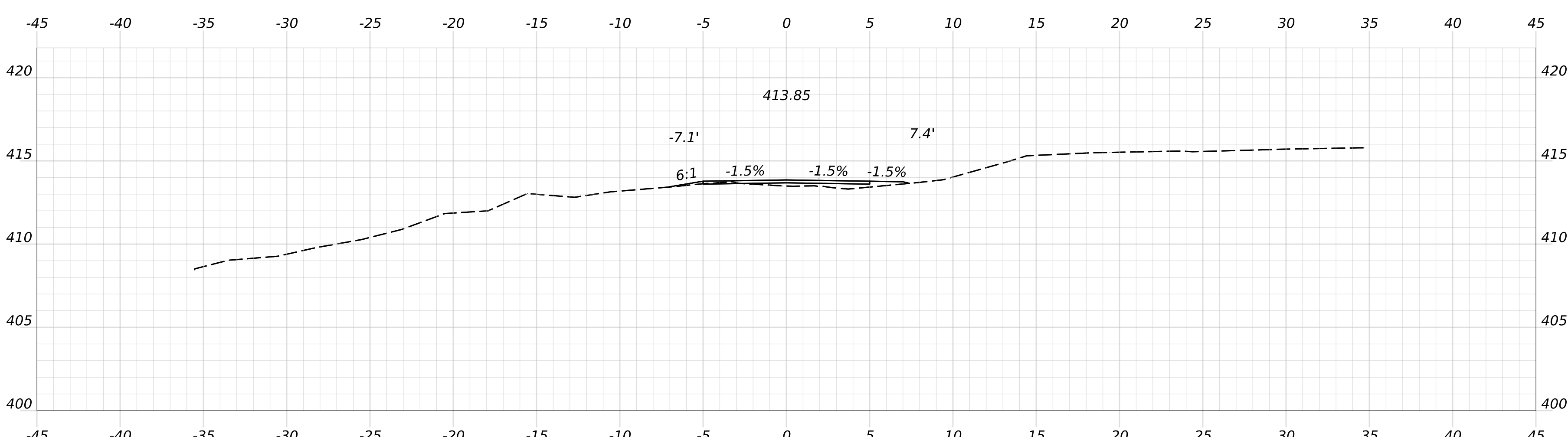
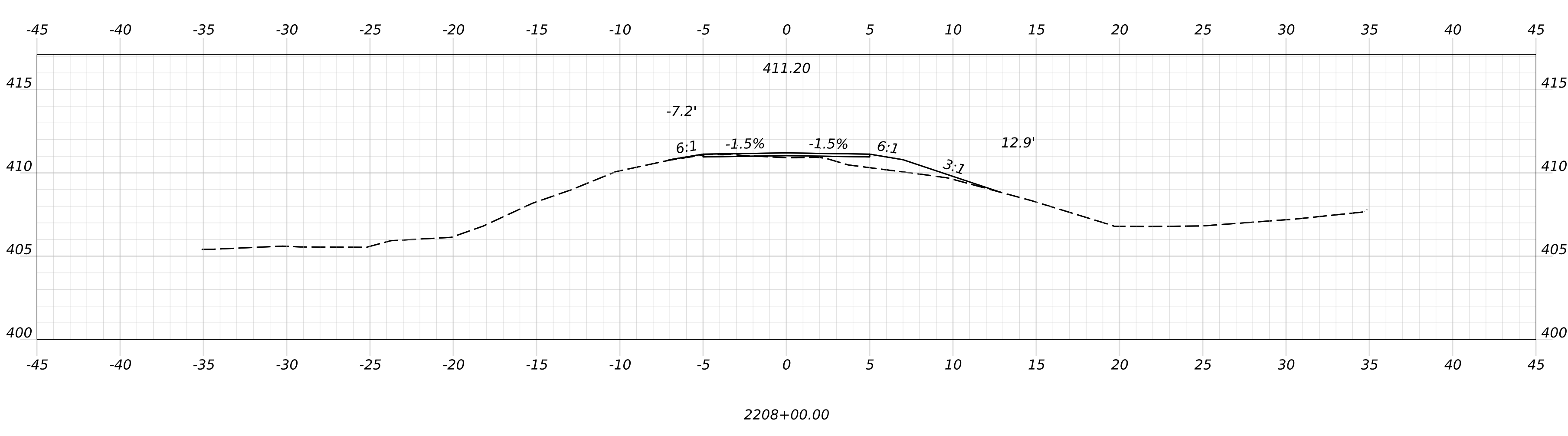
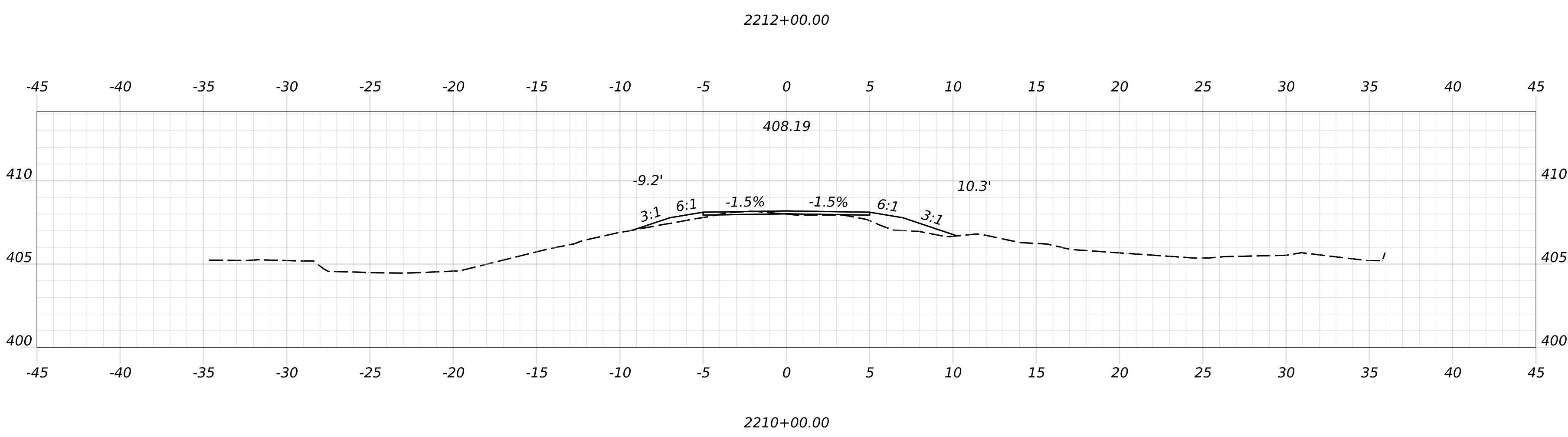
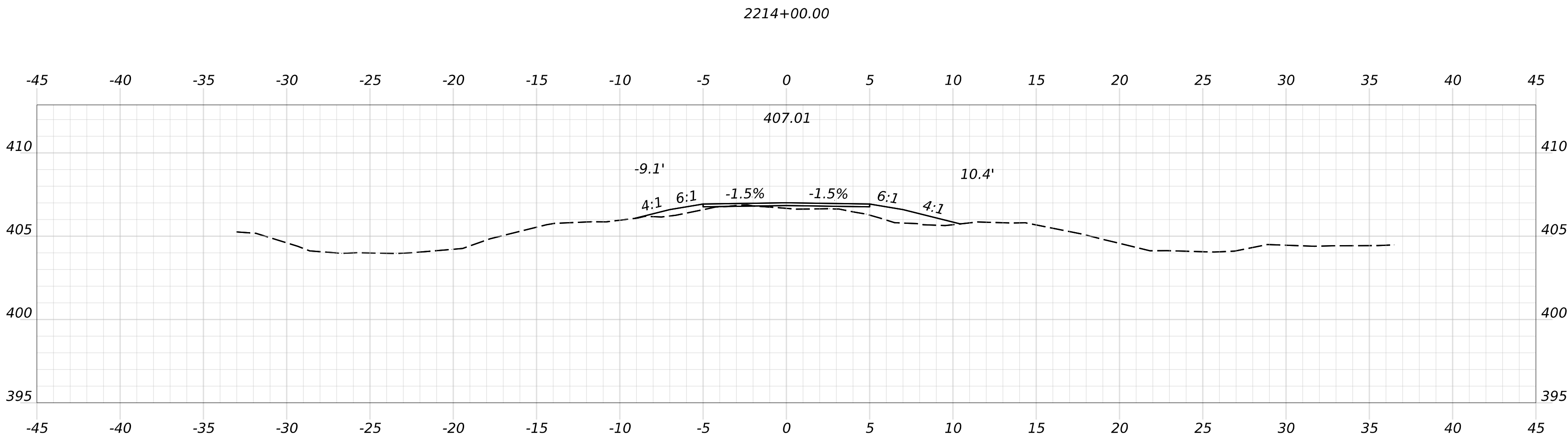
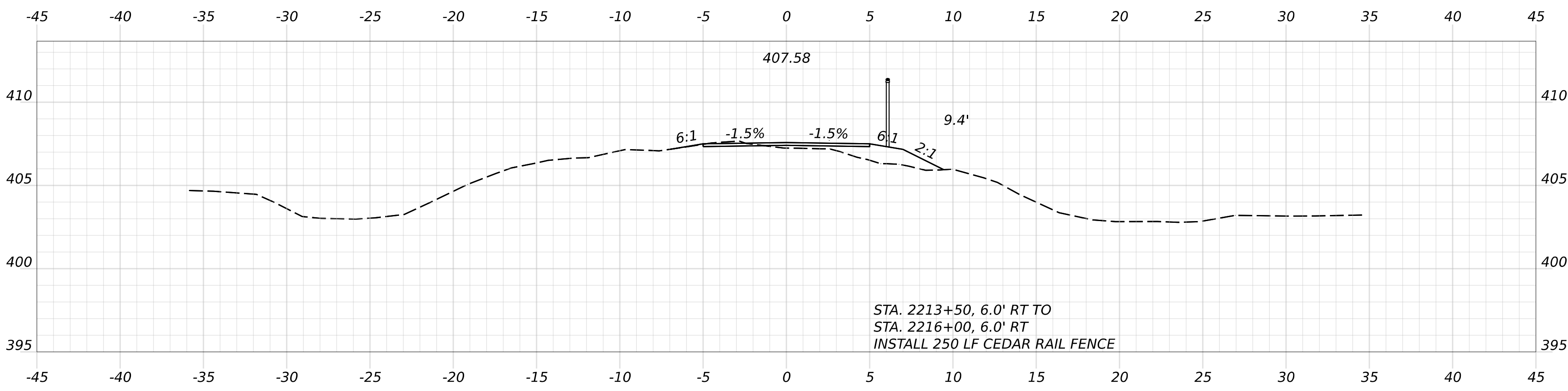
WIN
26858.10

HIGHWAY PLANS



OF 236	154	SHEET NUMBER	HIRAM, BROWNFIELD, FRYEBURG MOUNTAIN DIVISION TRAIL	PROJ. MANAGER D. LORING				BY	DATE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
				DESIGN-DETAILED				E. KELSEY	E. KELSEY		09/26
				CHIEF-REVIEWED				C. HELMICK	L. ZACCHINI		09/26
				DESIGN2-DETAILED2							
				DESIGN3-DETAILED3							
				REVISIONS 1							
				REVISIONS 2							
				REVISIONS 3							
				REVISIONS 4							
				FIELD CHANGES							
CROSS SECTIONS								SIGNATURE			
								P.E. NUMBER			
								DATE			
								2685810			
								WIN 26858.10		HIGHWAY PLANS	

Filename: Cross Sections_(MDT_Section 5).dgn



PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26
CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

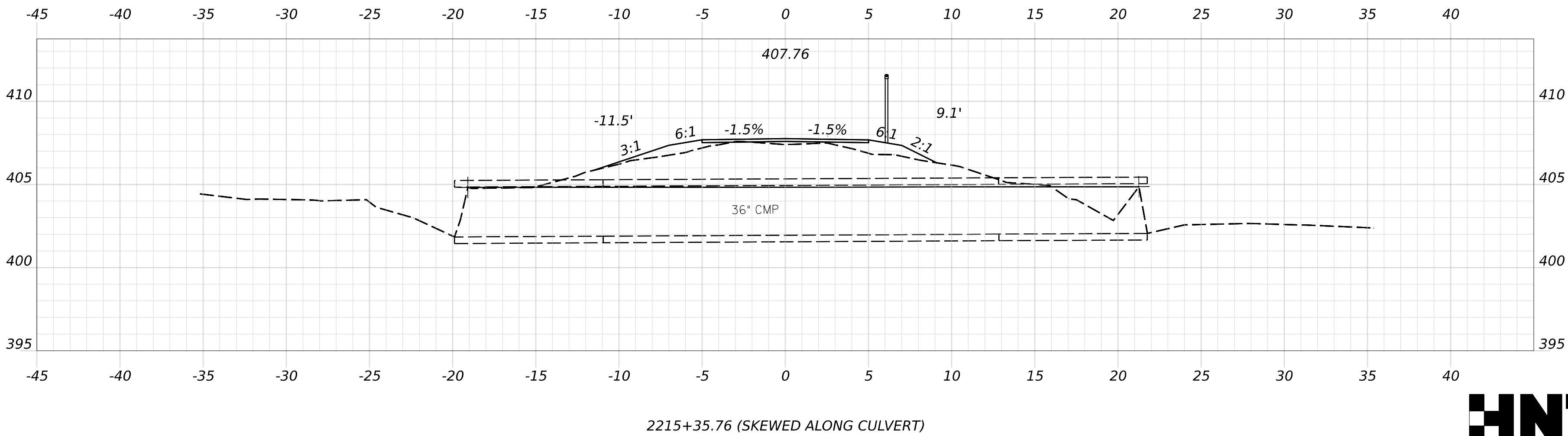
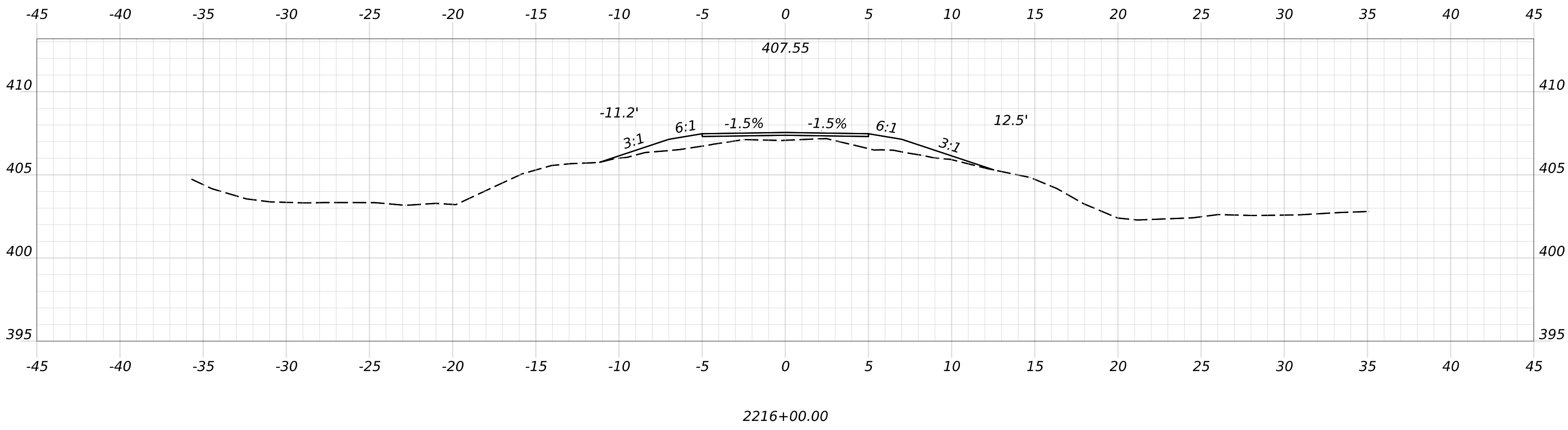
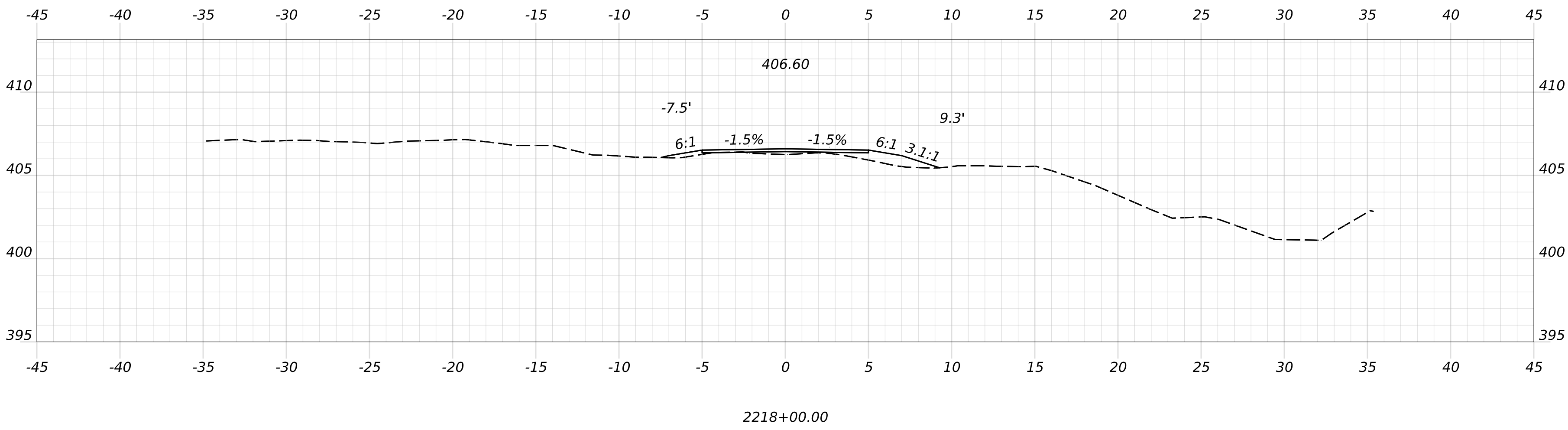
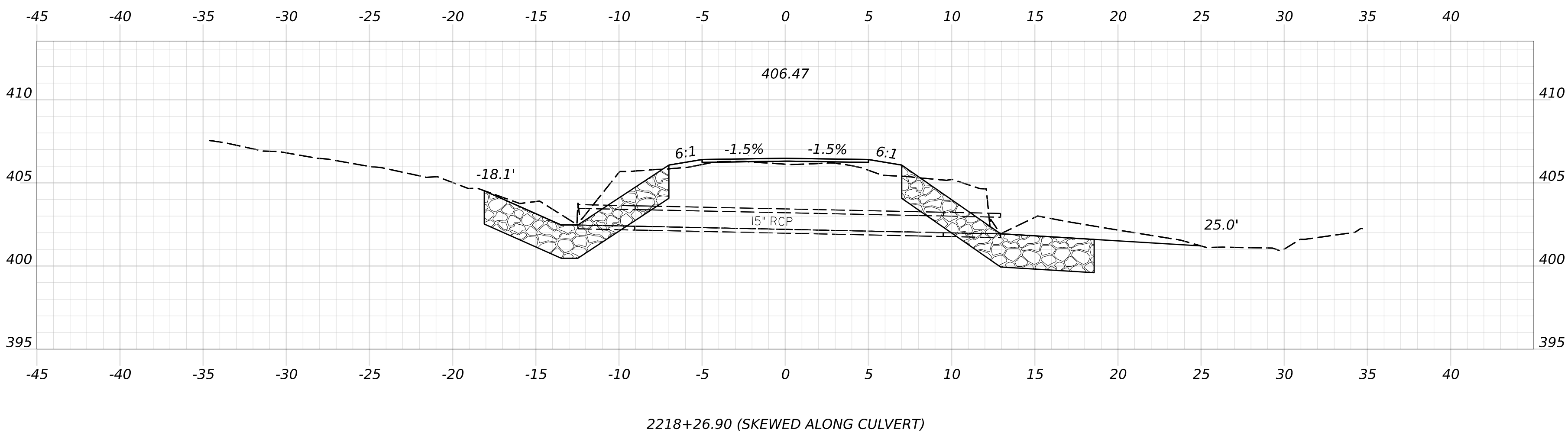
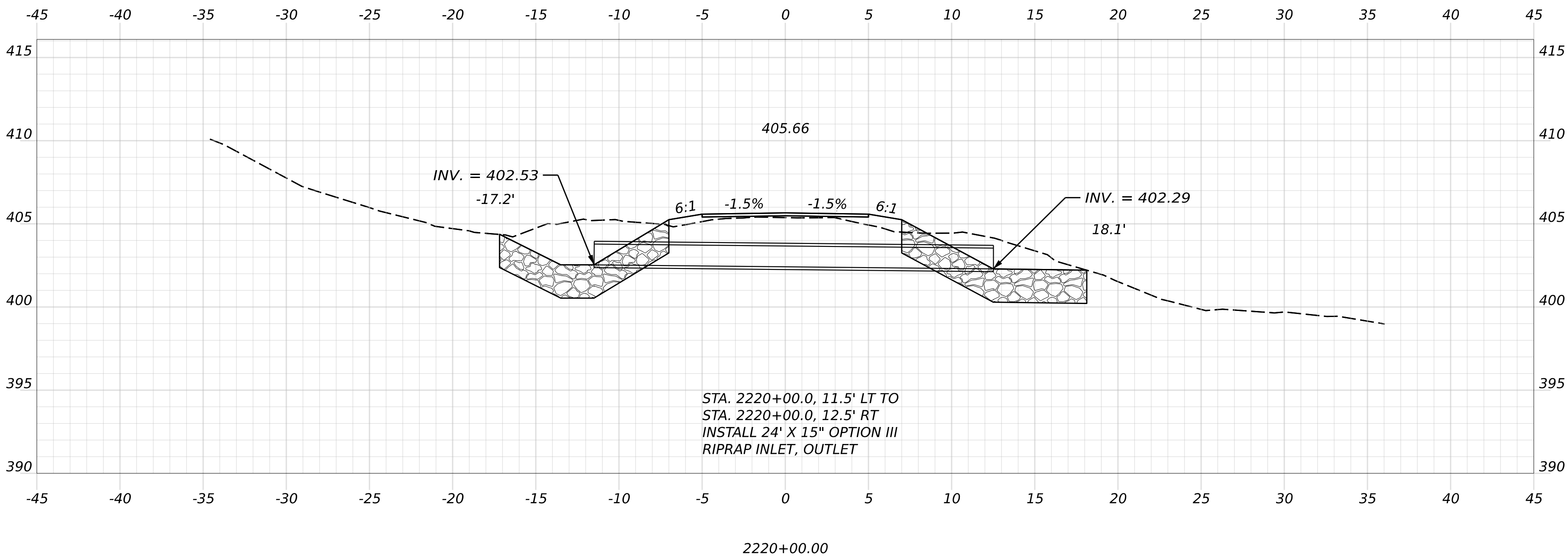
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

2685810

WIN
26858.10

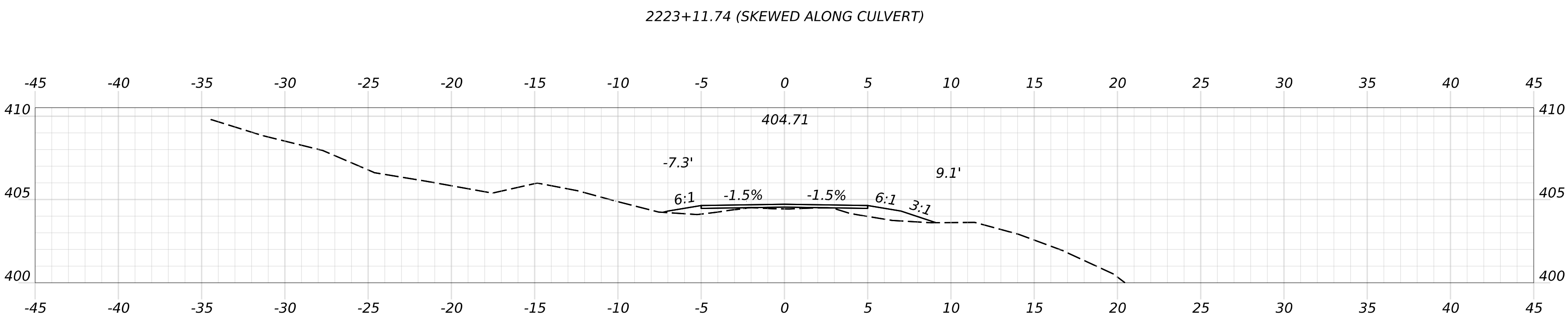
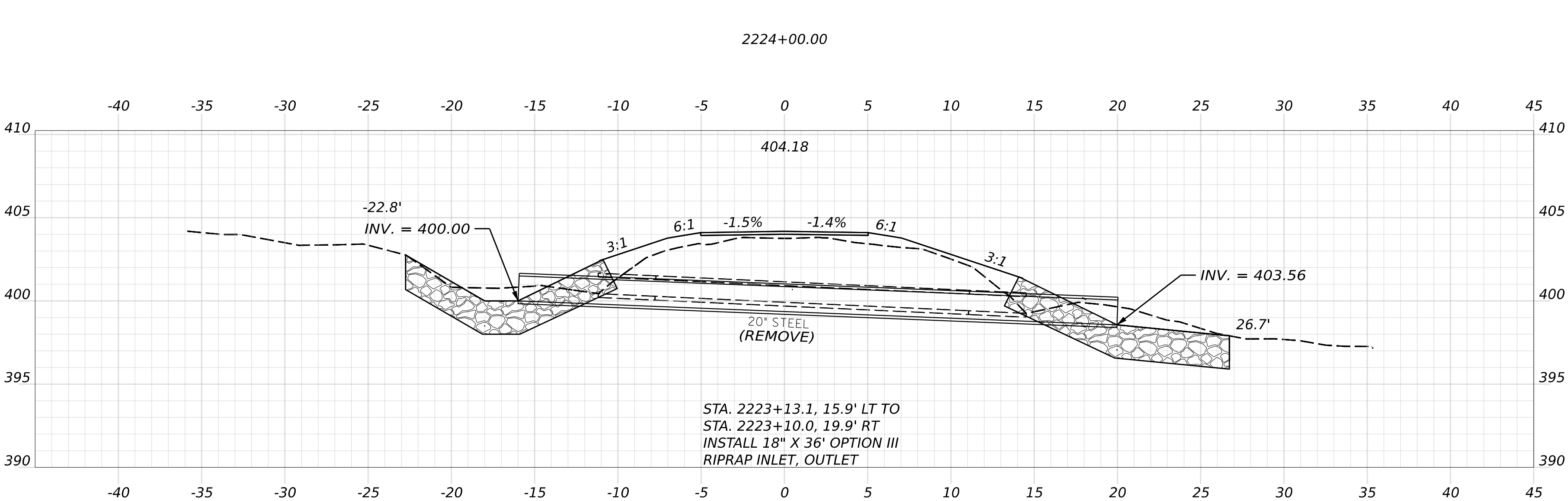
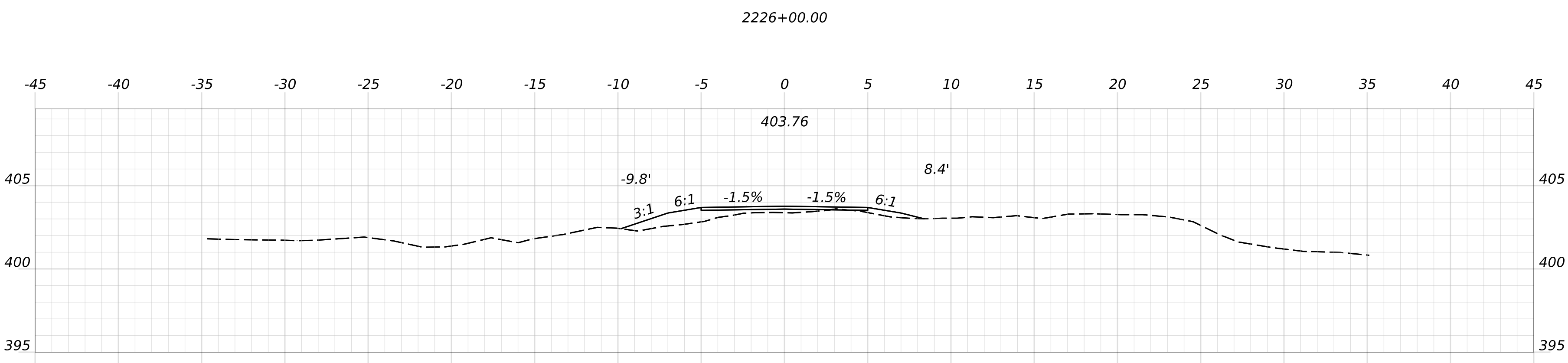
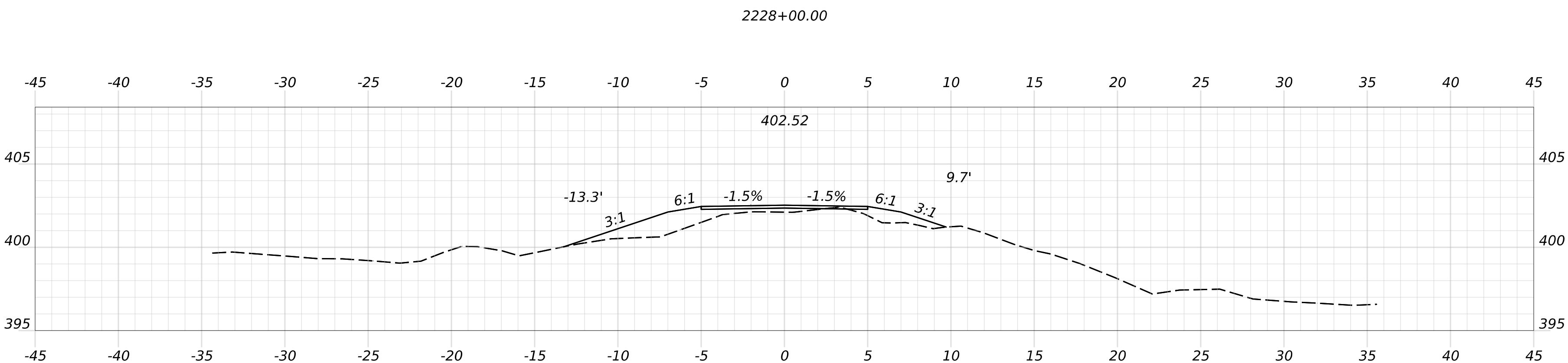
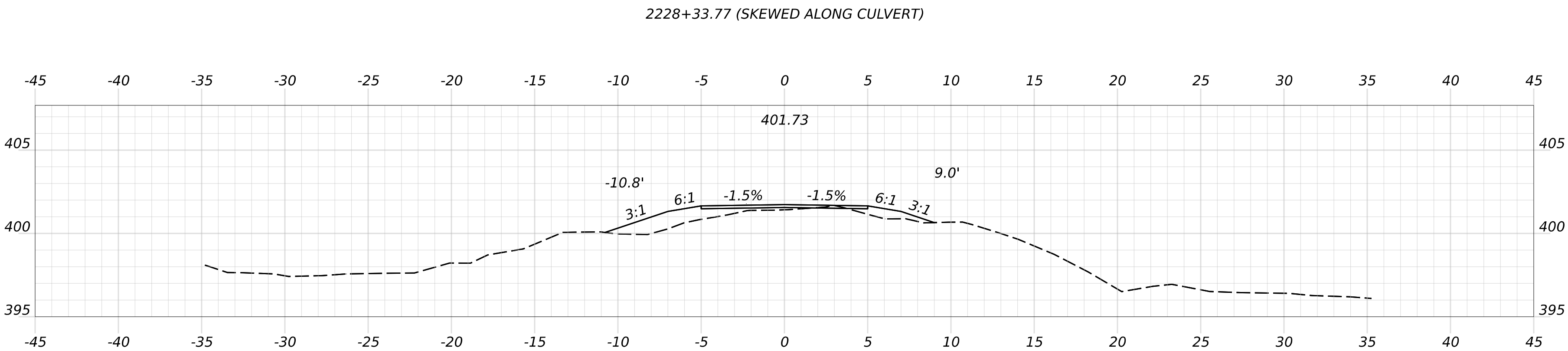
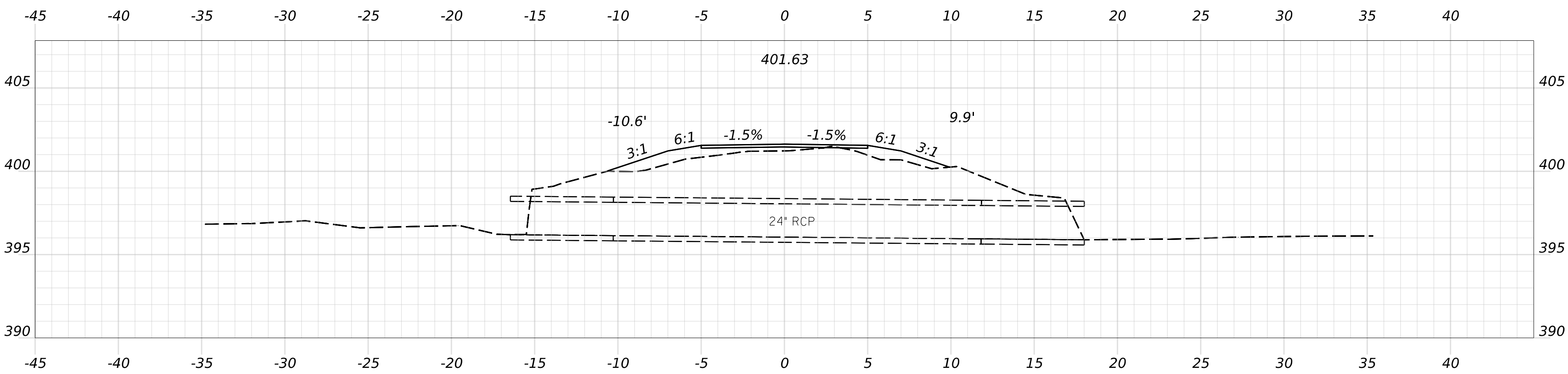
HIGHWAY PLANS

Filename: Cross Sections_(MDT_Section 5).dgn



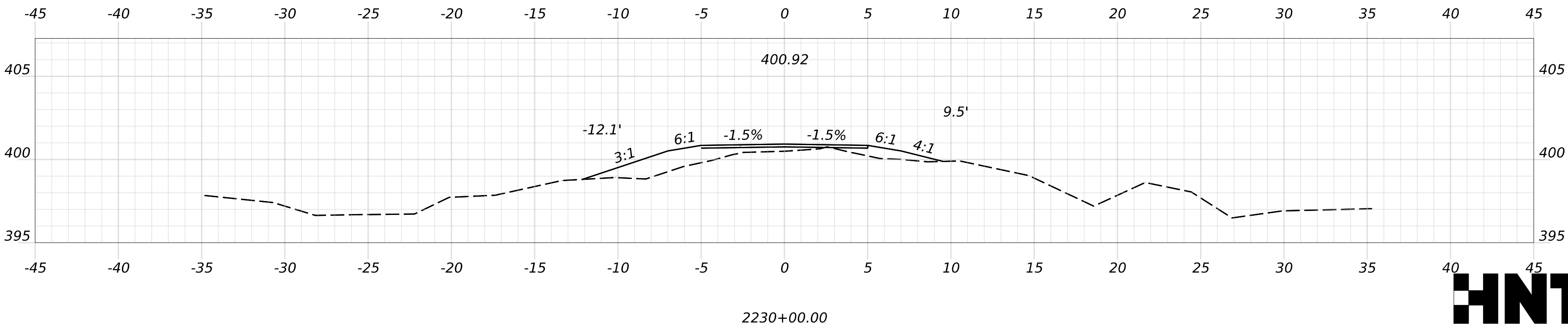
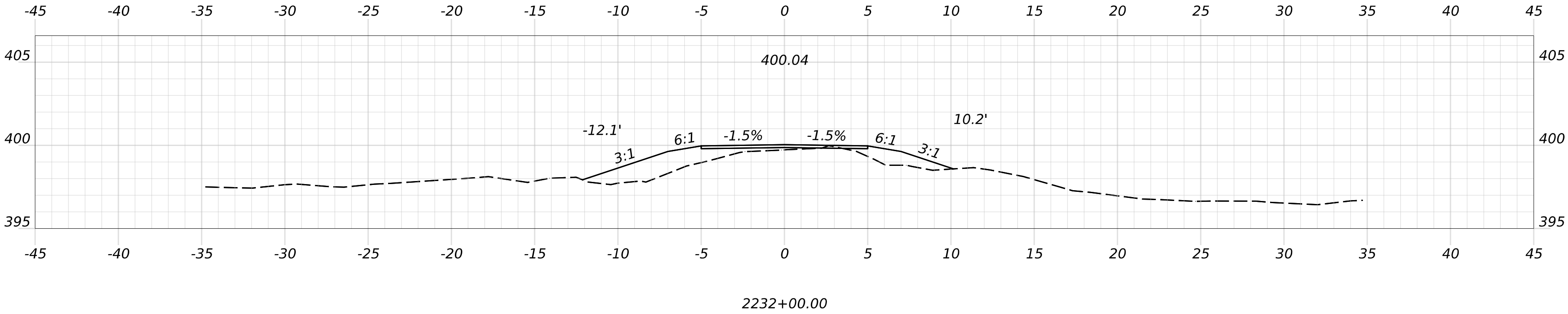
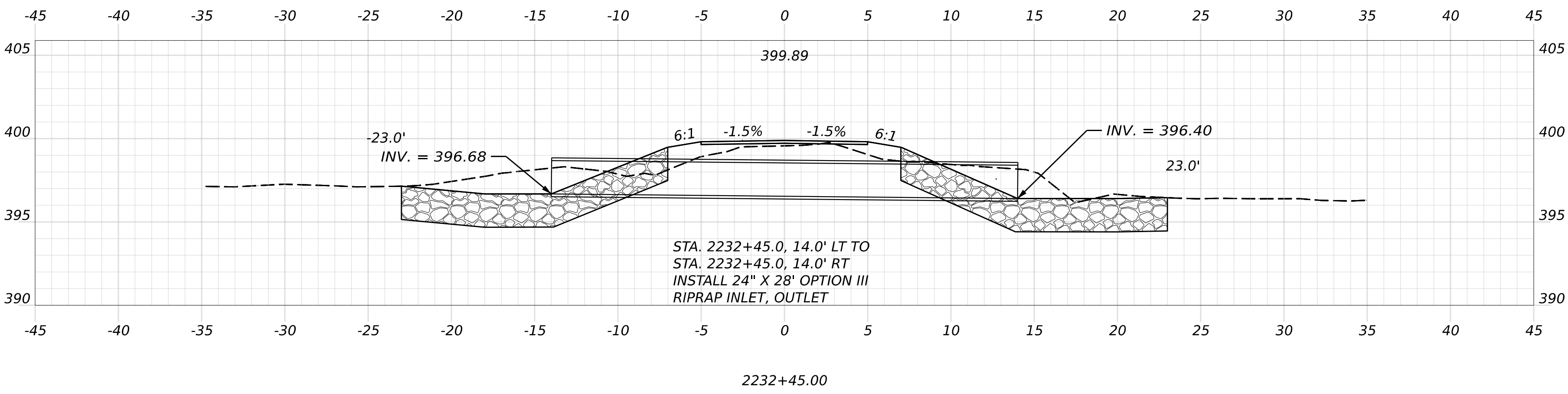
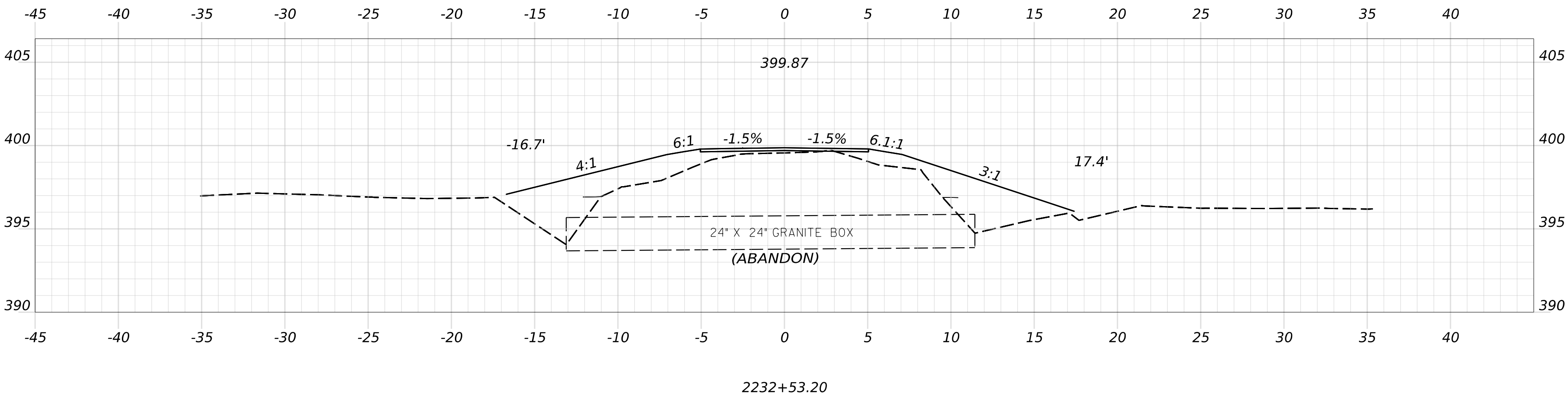
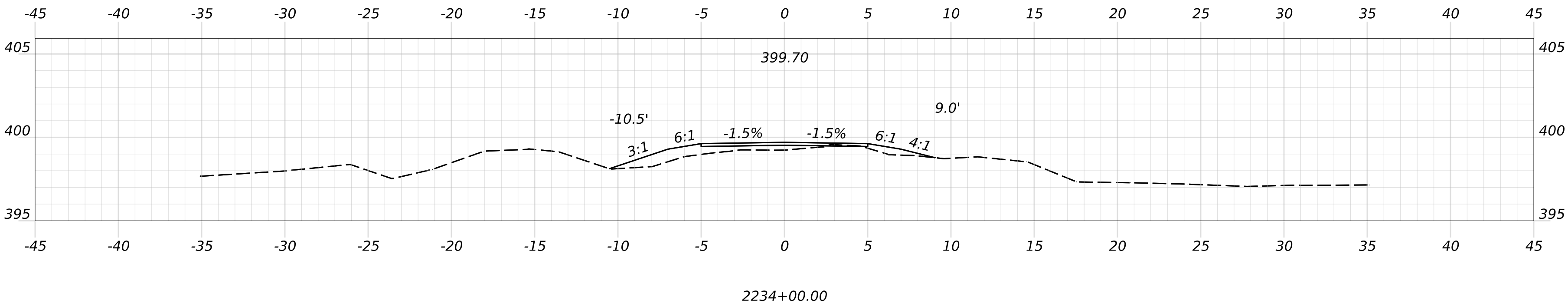
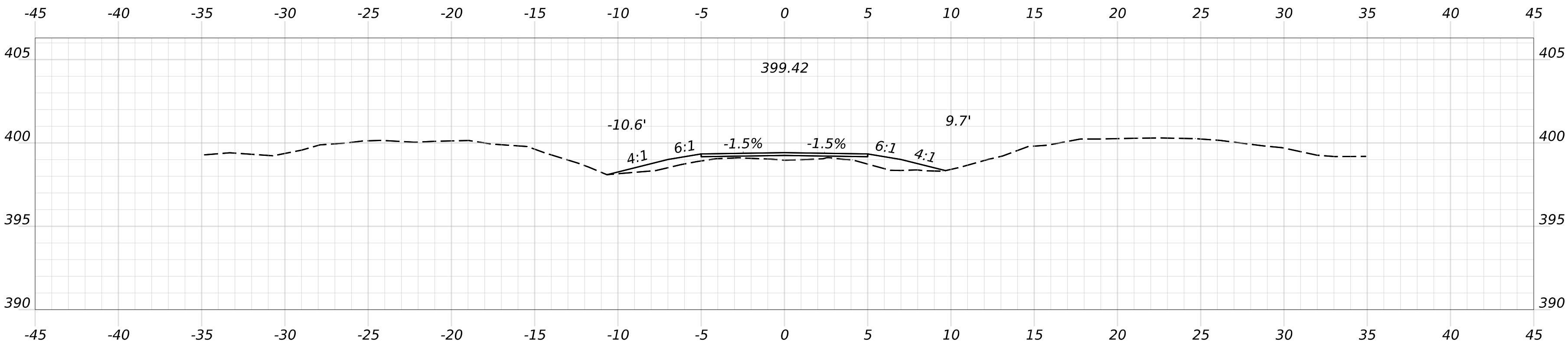
OF 236	SHEET NUMBER	HIRAM, BROWNFIELD, FRYEBURG MOUNTAIN DIVISION TRAIL	PROJ. MANAGER D. LORING BY DATE				SIGNATURE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
			DESIGN-Detailed		E. KELSEY	E. KELSEY		09/26	2685810
			CHECKED-REVIEWED		C. HELMICK	L. ZACCHINI		09/26	
			DESIGN2-Detailed2						
		DESIGN3-Detailed3					P.E. NUMBER	WIN 26858.10 HIGHWAY PLANS	
		REVISIONS 1					DATE		
		REVISIONS 2							
		REVISIONS 3							
		REVISIONS 4							
		FIELD CHANGES							
CROSS SECTIONS									

Filename: Cross Sections_(MDT_Section 5).dgn



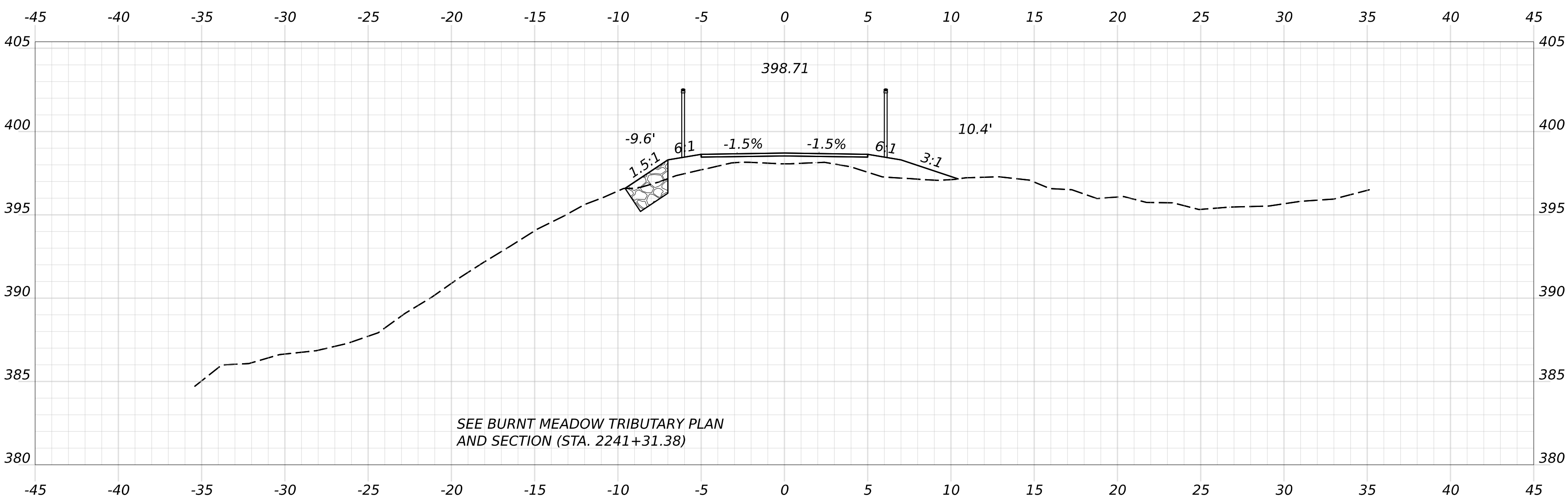
OF 236	SHEET NUMBER	HIRAM, BROWNFIELD, FRYEBURG MOUNTAIN DIVISION TRAIL	PROJ. MANAGER				D. LORING		BY		DATE		STATE OF MAINE						
			DESIGN-DETAILED				E. KELSEY		E. KELSEY		09/26		DEPARTMENT OF TRANSPORTATION						
			CHECKED-REVIEWED				C. HELMICK		L. ZACCHINI		09/26		SIGNATURE						
			DESIGN2-DETAILED2										P.E. NUMBER						
			DESIGN3-DETAILED3										DATE						
		CROSS SECTIONS				REVISIONS 1								WIN					
						REVISIONS 2										26858.10			
						REVISIONS 3										HIGHWAY PLANS			
						REVISIONS 4													
						FIELD CHANGES													

Filename: Cross Sections_(MDT_Section 6_7).dgn

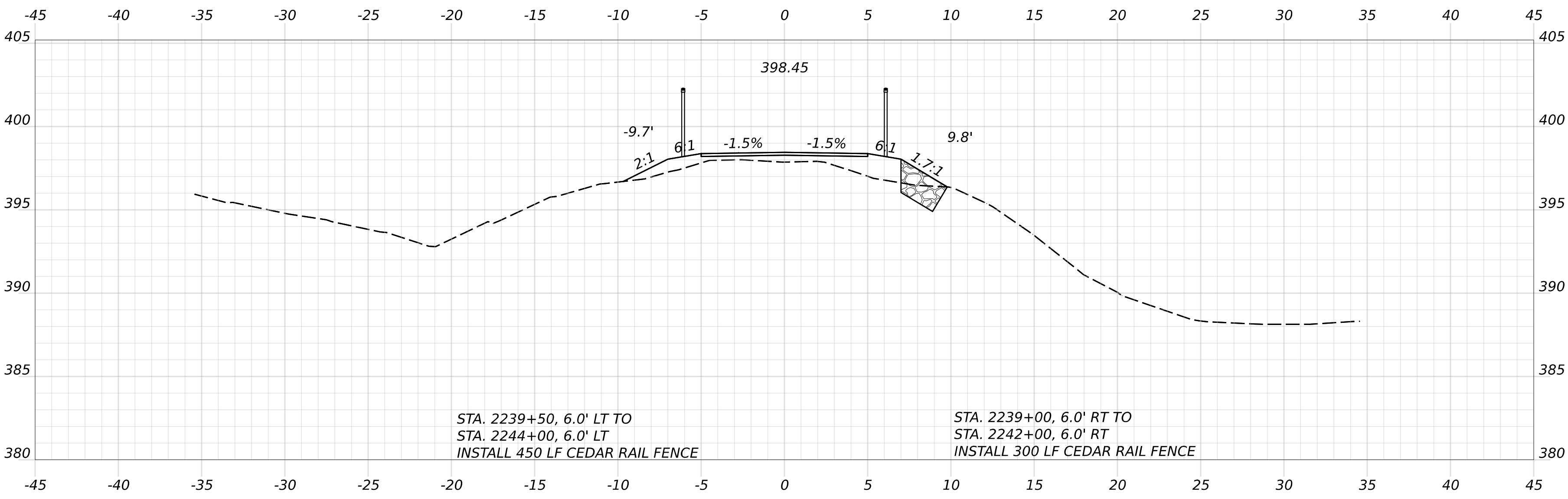


OF 236	SHEET NUMBER	HIRAM, BROWNFIELD, FRYEBURG MOUNTAIN DIVISION TRAIL	PROJ. MANAGER D. LORING BY DATE				SIGNATURE	STATE OF MAINE		
			DESIGN-DETAILED		E. KELSEY	E. KELSEY		09/26	DEPARTMENT OF TRANSPORTATION	
			CHECKED-REVIEWED		C. HELMICK	L. ZACCHINI		09/26	2685810	
			DESIGN-DETAILED2						WIN	
		DESIGN-DETAILED3					P.E. NUMBER	26858.10		
		REVISIONS 1						HIGHWAY PLANS		
		REVISIONS 2								
		REVISIONS 3								
		REVISIONS 4					DATE			
		FIELD CHANGES								
CROSS SECTIONS										

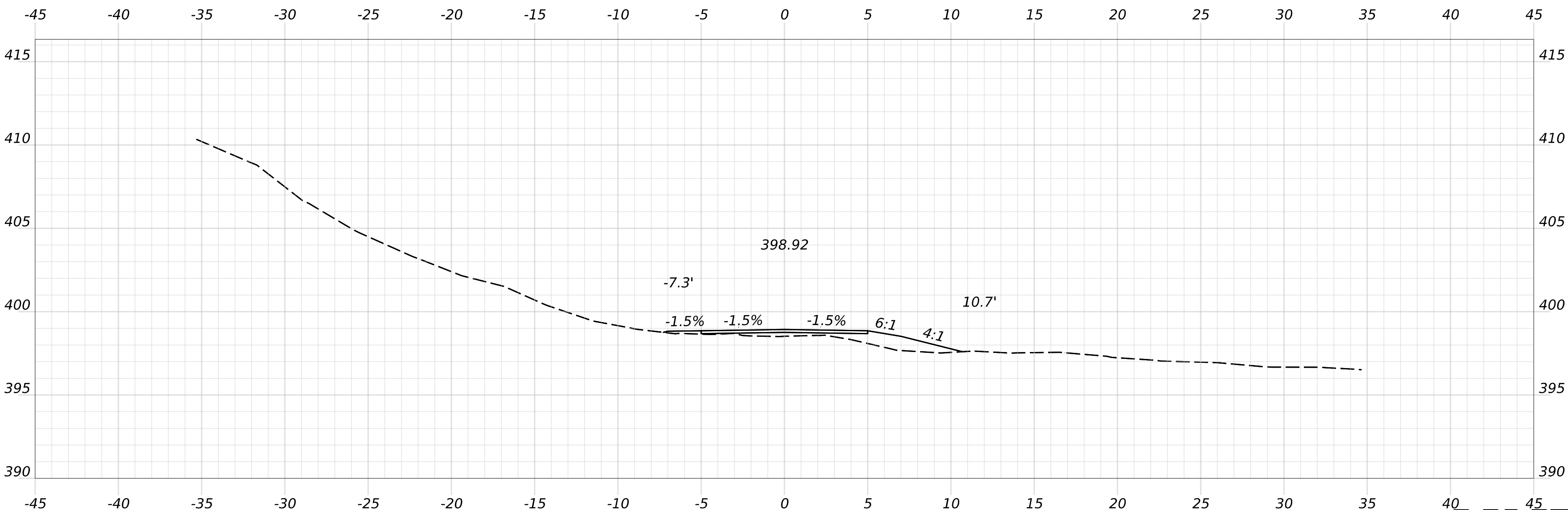
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HNTB

OF 236

159

SHEET NUMBER

HIRAM, BROWNFIELD, FRYEBURG
MOUNTAIN DIVISION TRAIL

CROSS SECTIONS

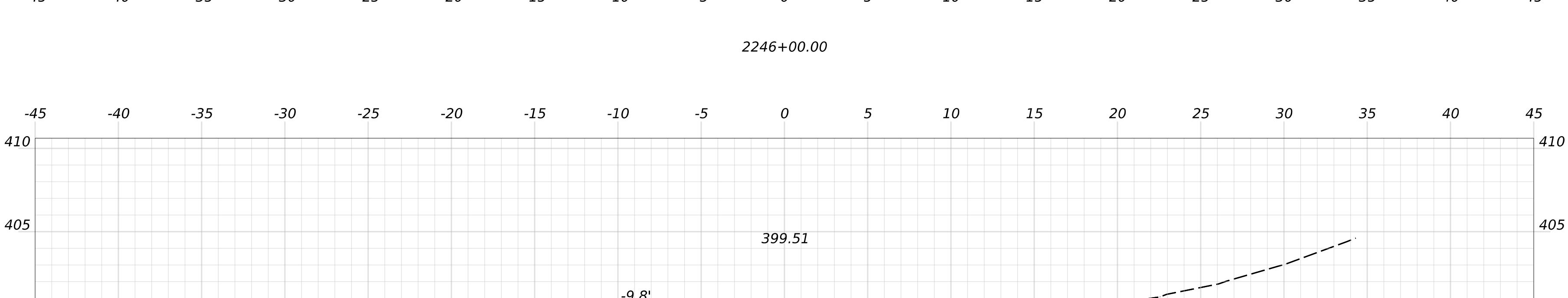
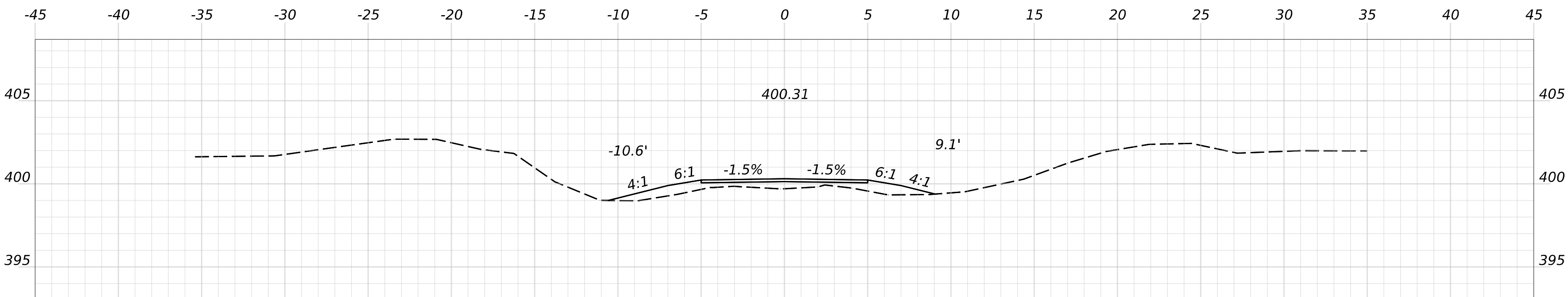
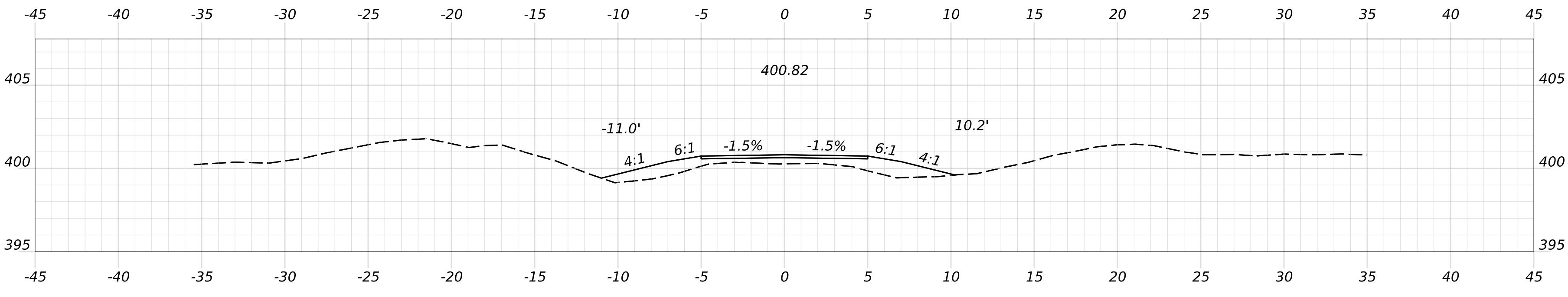
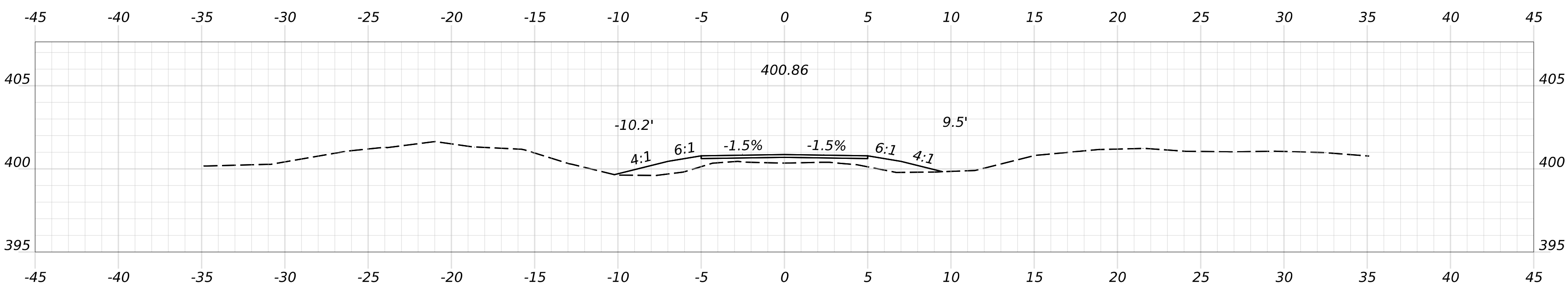
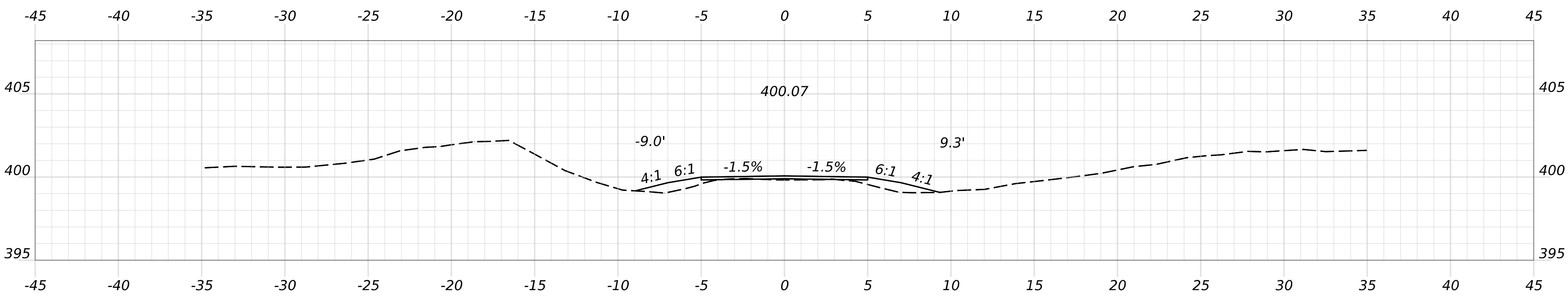
PROJ. MANAGER	D. LORING	BY		DATE	
DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26		
CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26		
DESIGN2-DETAILED2					
DESIGN3-DETAILED3					
REVISIONS 1					
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

2685810

WIN
26858.10
HIGHWAY PLANS

Filename: Cross Sections_(MDT_Section 6_7).dgn



OF 236

160

SHEET NUMBER

HIRAM, BROWNFIELD, FRYEBURG
MOUNTAIN DIVISION TRAIL

CROSS SECTIONS

PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26
CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

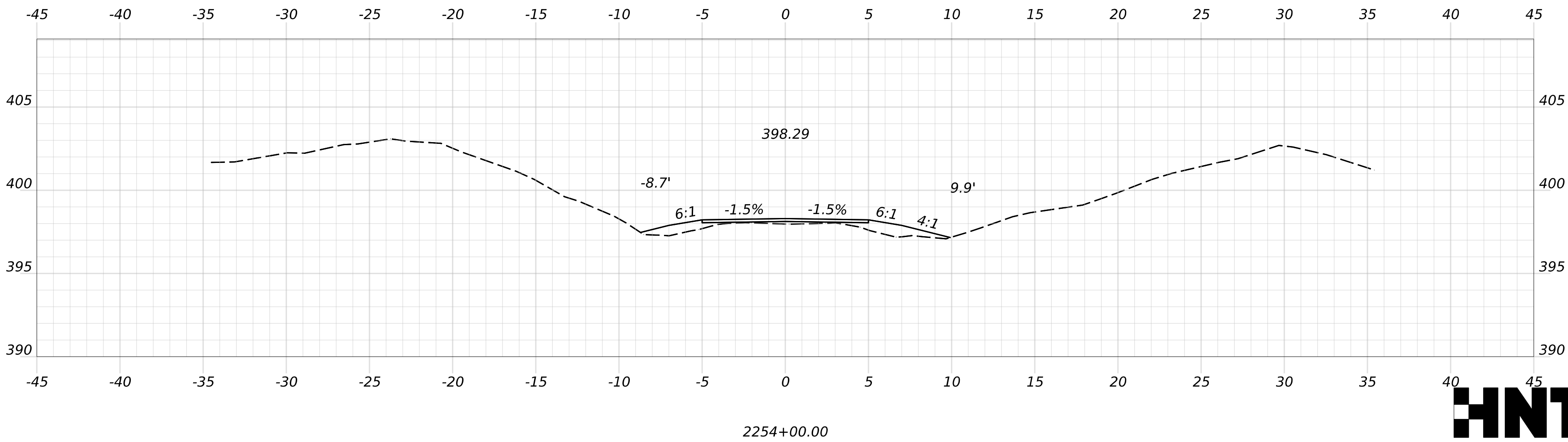
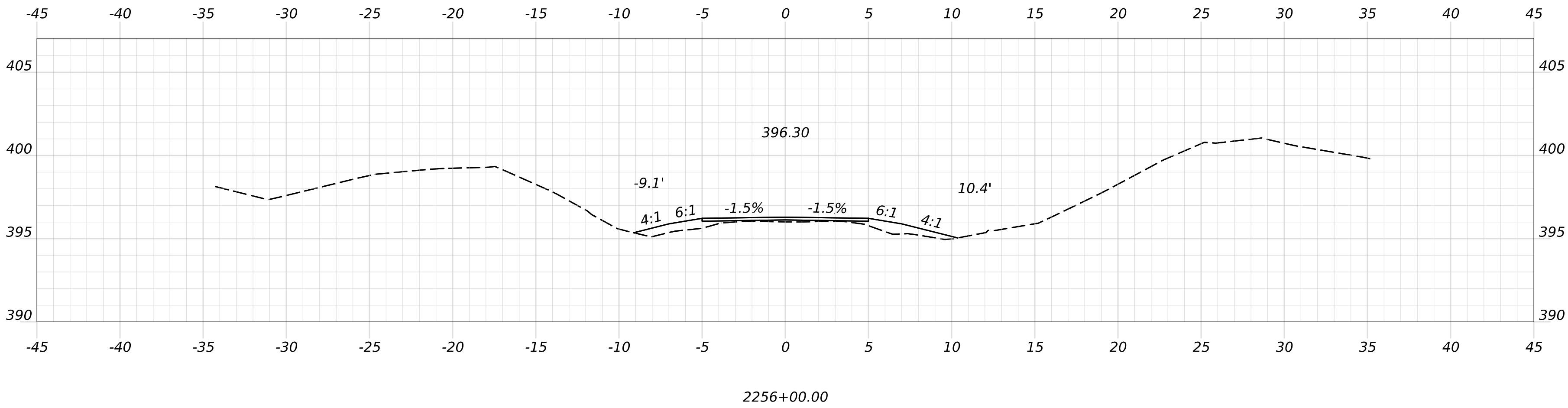
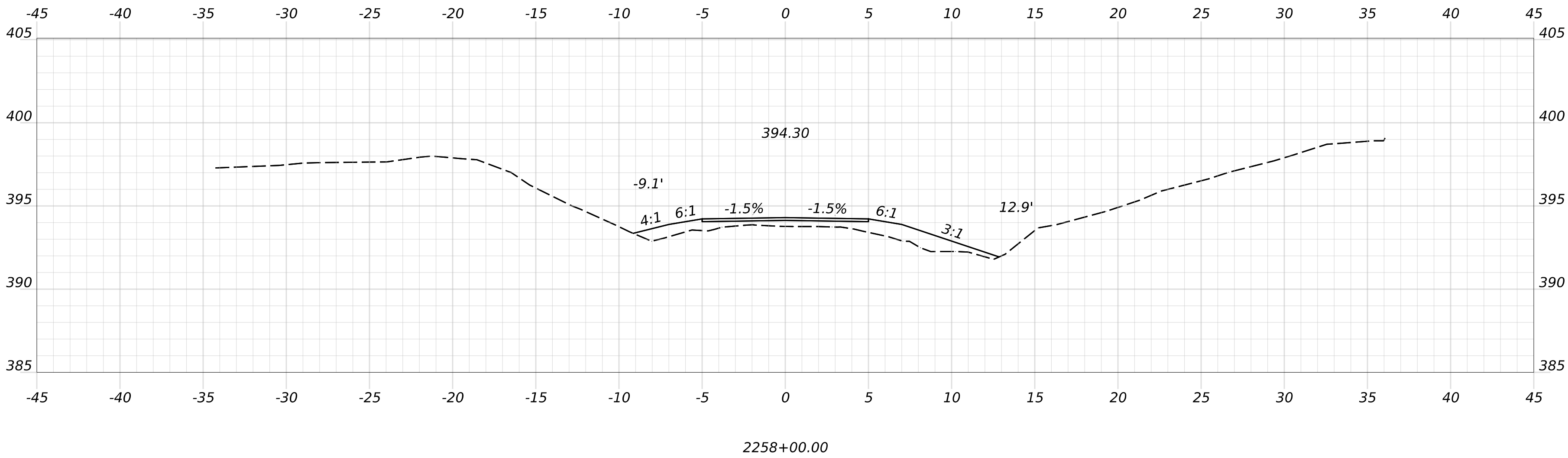
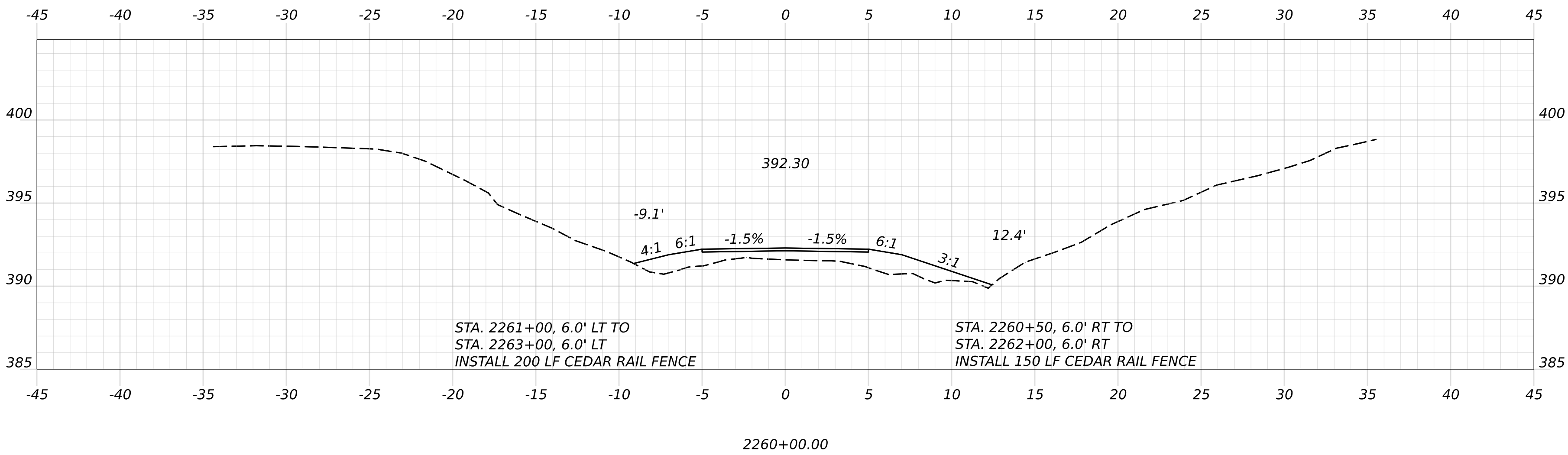
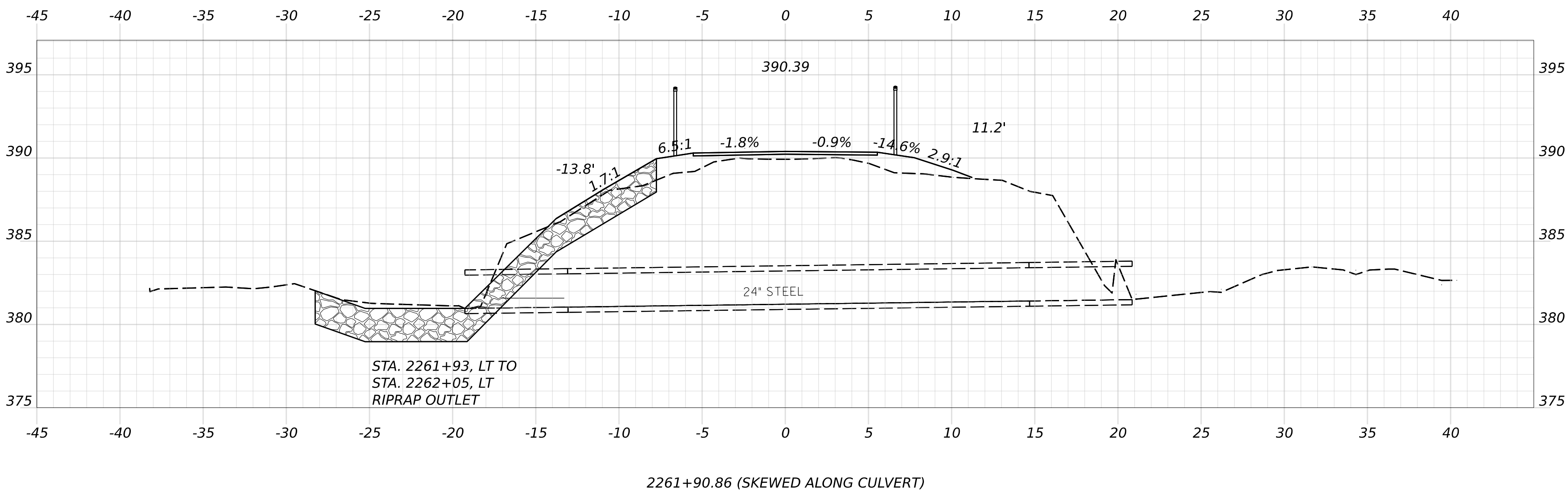
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P.E. NUMBER

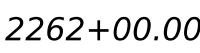
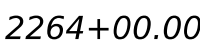
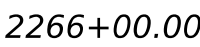
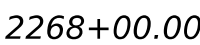
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STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
2685810	
WIN 26858.10	HIGHWAY PLANS

Filename: Cross Sections_(MDT_Section 6_7).dgn



OF 236	SHEET NUMBER	HIRAM, BROWNFIELD, FRYEBURG MOUNTAIN DIVISION TRAIL	PROJ. MANAGER D. LORING BY DATE				SIGNATURE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
			DESIGN-DETAILED		E. KELSEY	E. KELSEY		09/26	2685810
			CHECKED-REVIEWED		C. HELMICK	L. ZACCHINI		09/26	
			DESIGN2-DETAILED2						
		DESIGN3-DETAILED3					P.E. NUMBER		
		REVISIONS 1							
		REVISIONS 2							
		REVISIONS 3							
		REVISIONS 4							
		FIELD CHANGES					DATE	WIN 26858.10	HIGHWAY PLANS



HNTB

PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26
CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

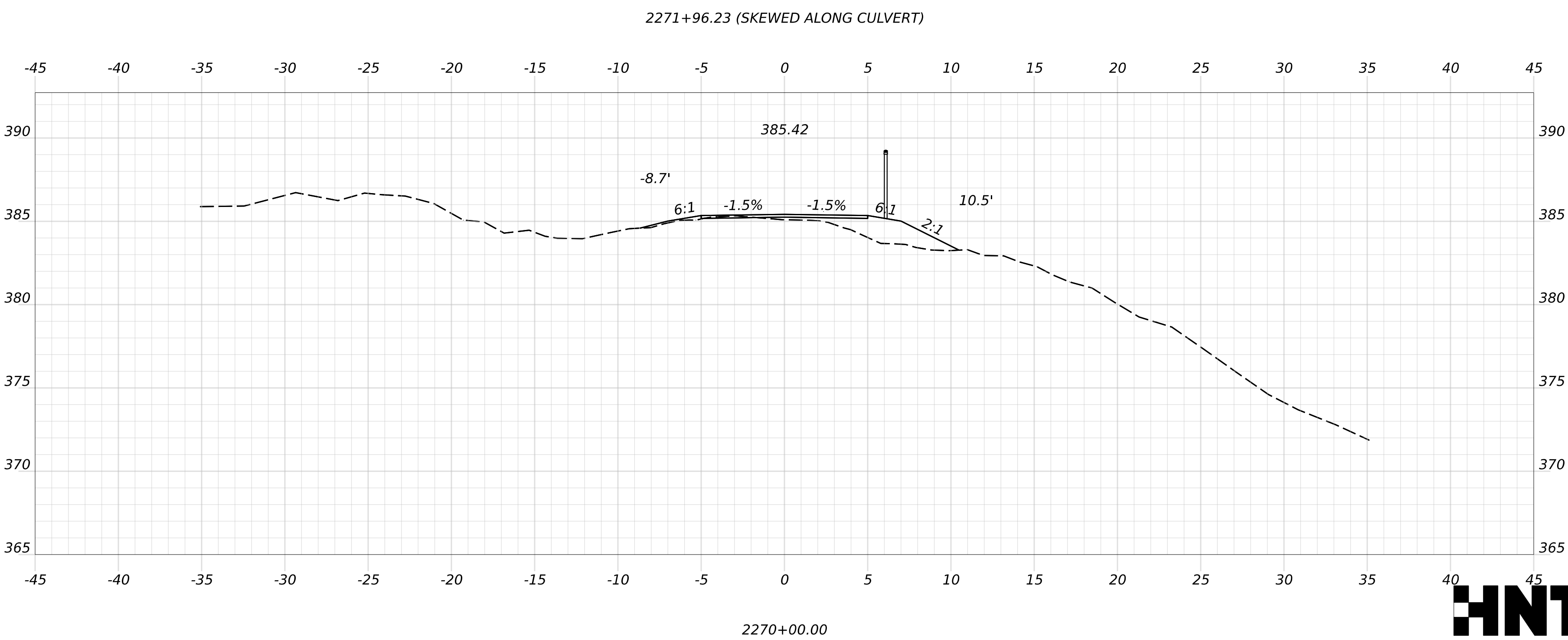
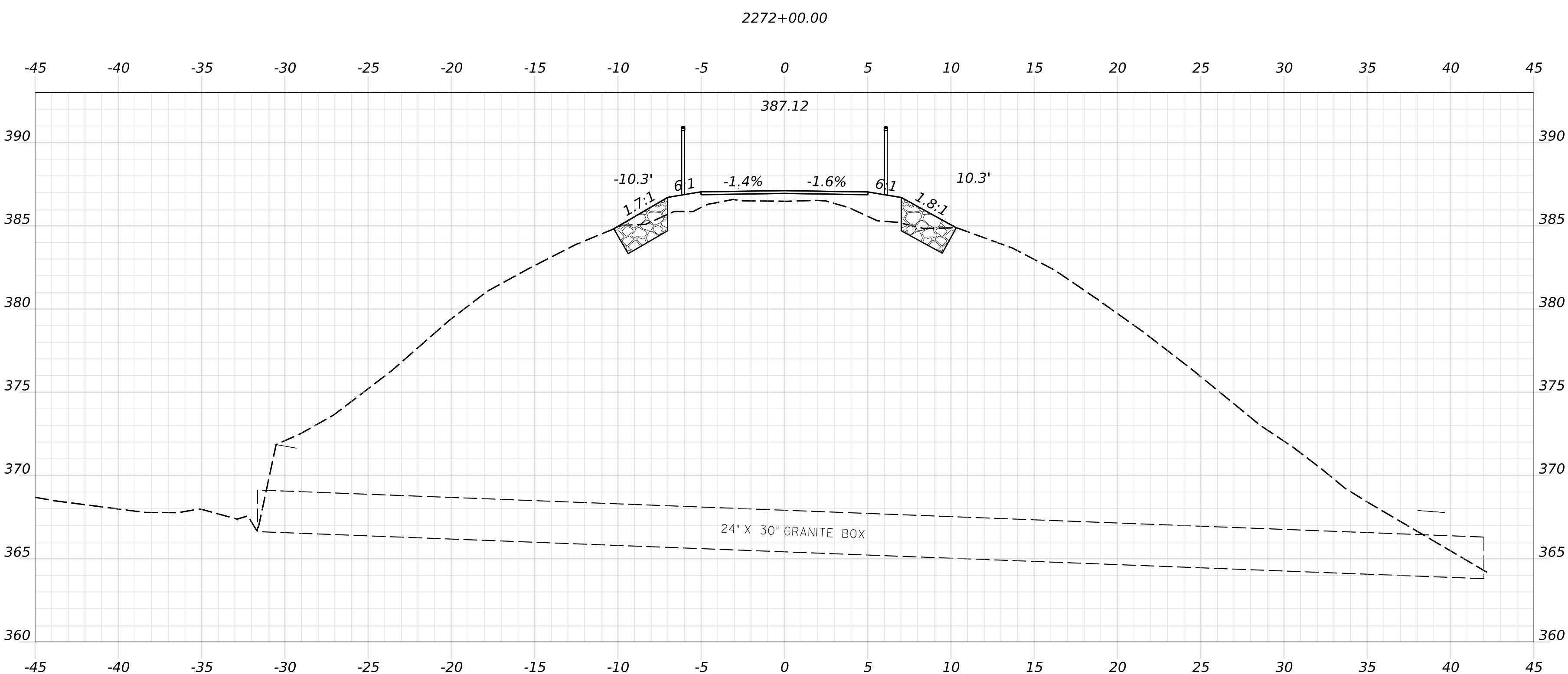
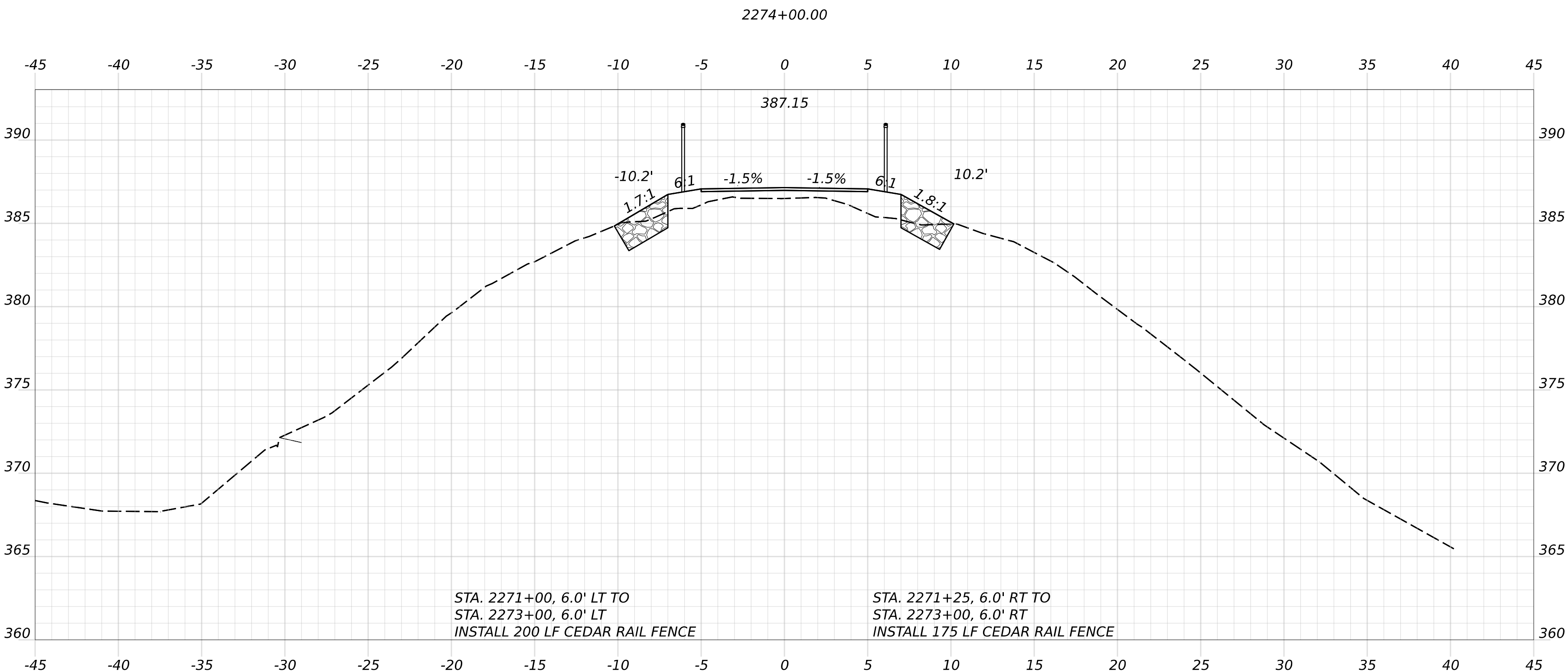
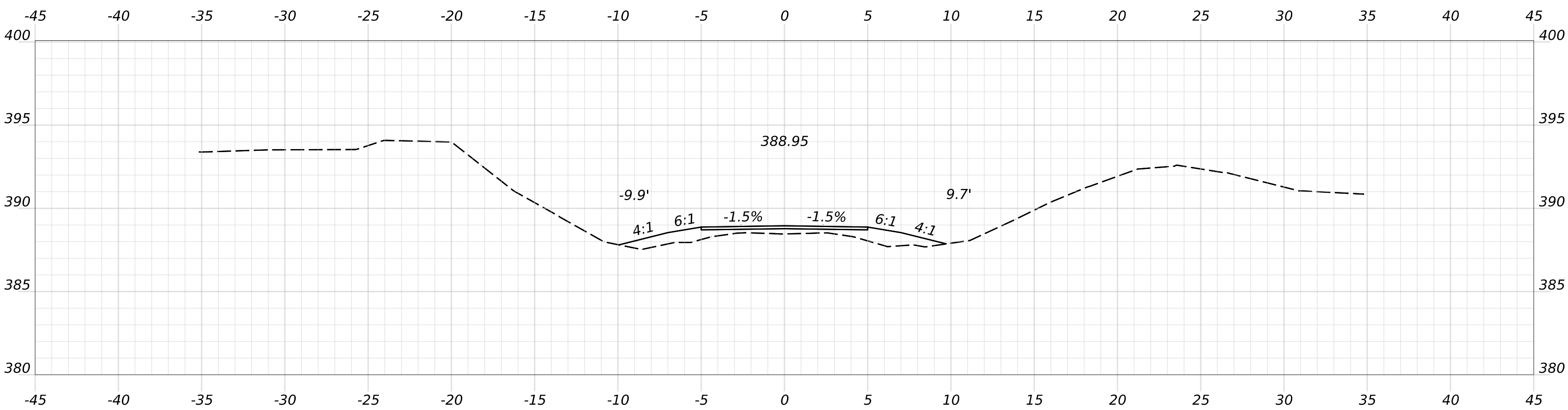
SIGNATURE
P.E. NUMBER
DATE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

2685810

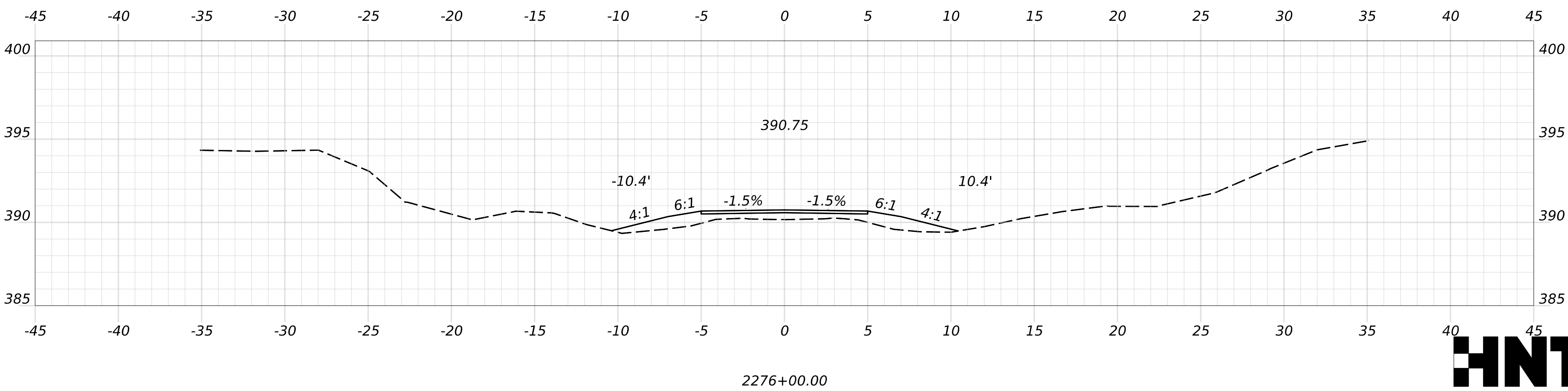
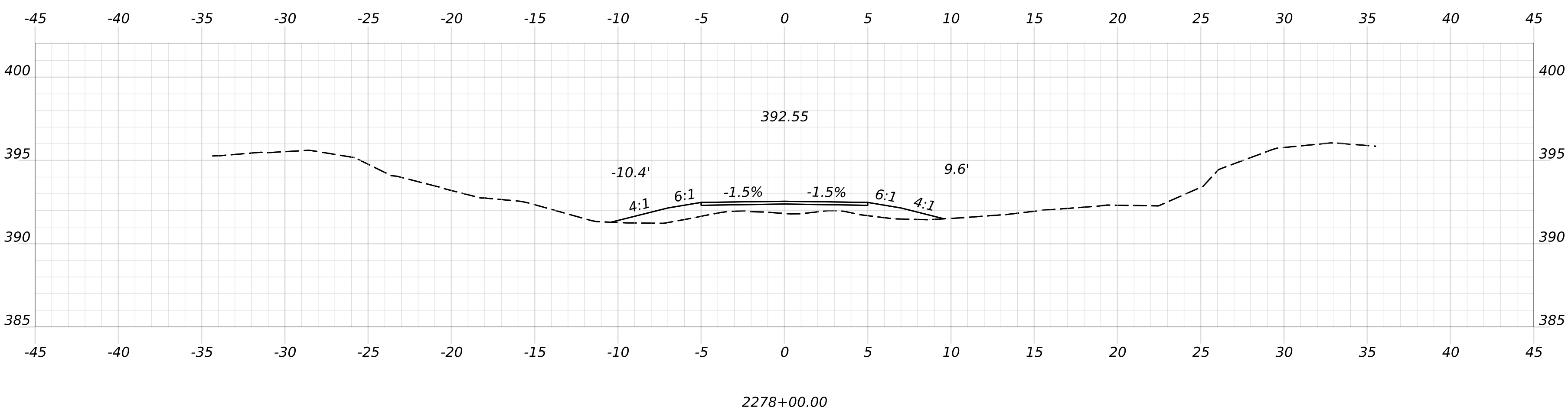
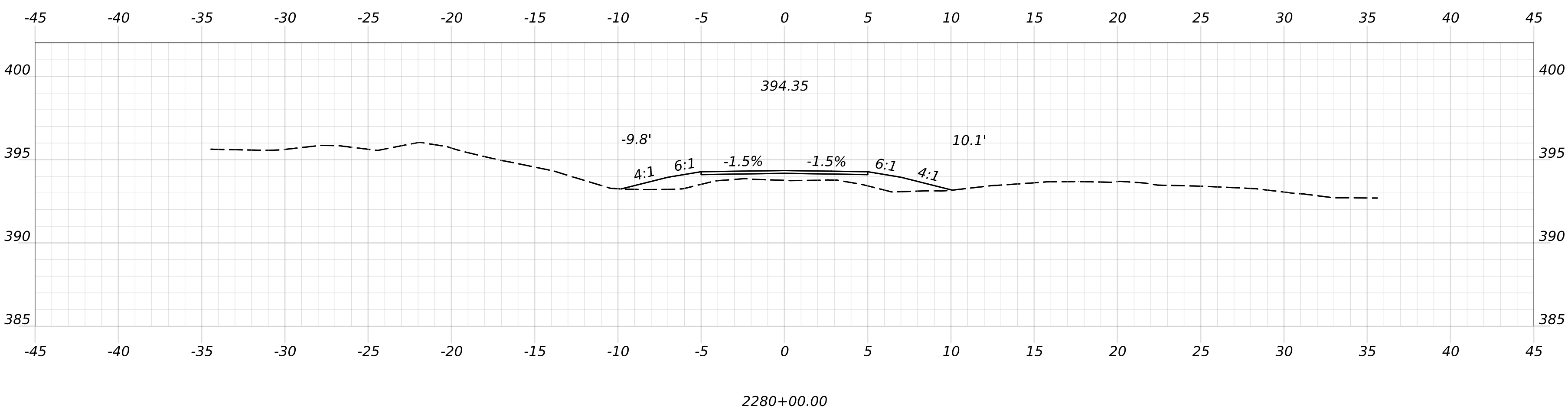
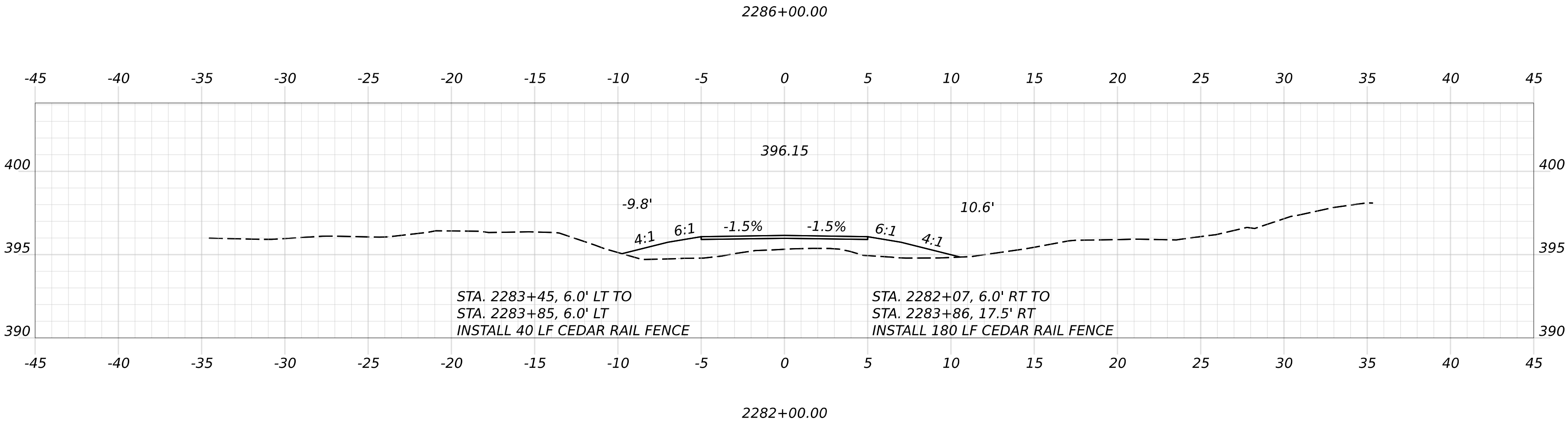
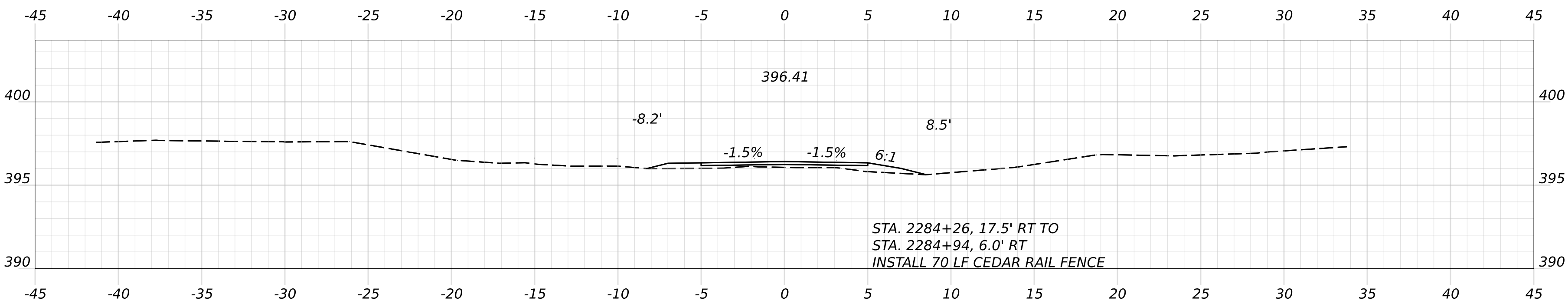
WIN
26858.10 HIGHWAY PLANS

Filename: Cross Sections_(MDT_Section 6_7).dgn



OF 236	SHEET NUMBER	HIRAM, BROWNFIELD, FRYEBURG MOUNTAIN DIVISION TRAIL	PROJ. MANAGER		D. LORING	BY	DATE	SIGNATURE	STATE OF MAINE	
			DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26	DEPARTMENT OF TRANSPORTATION			
			CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26	2685810			
			DESIGN2-DETAILED2				WIN			
			DESIGN3-DETAILED3				26858.10			
		REVISIONS 1					DATE	HIGHWAY PLANS		
		REVISIONS 2								
		REVISIONS 3								
		REVISIONS 4								
		FIELD CHANGES								
CROSS SECTIONS										

Filename: Cross Sections_(MDT_Section 6_7).dgn

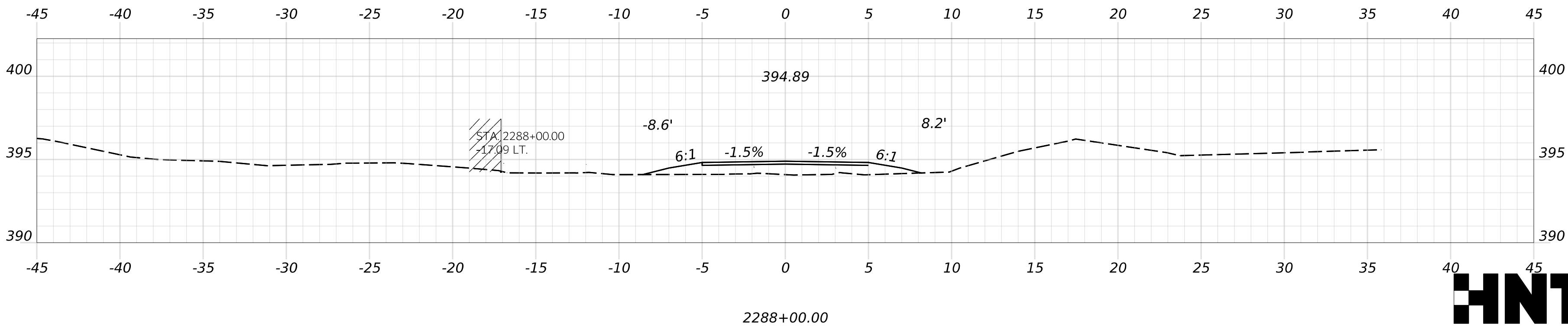
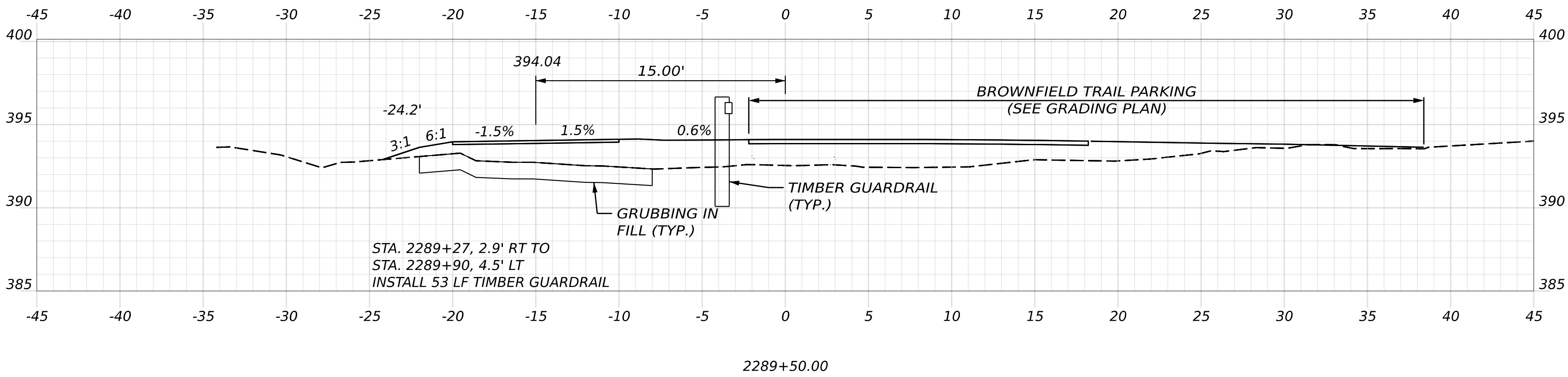
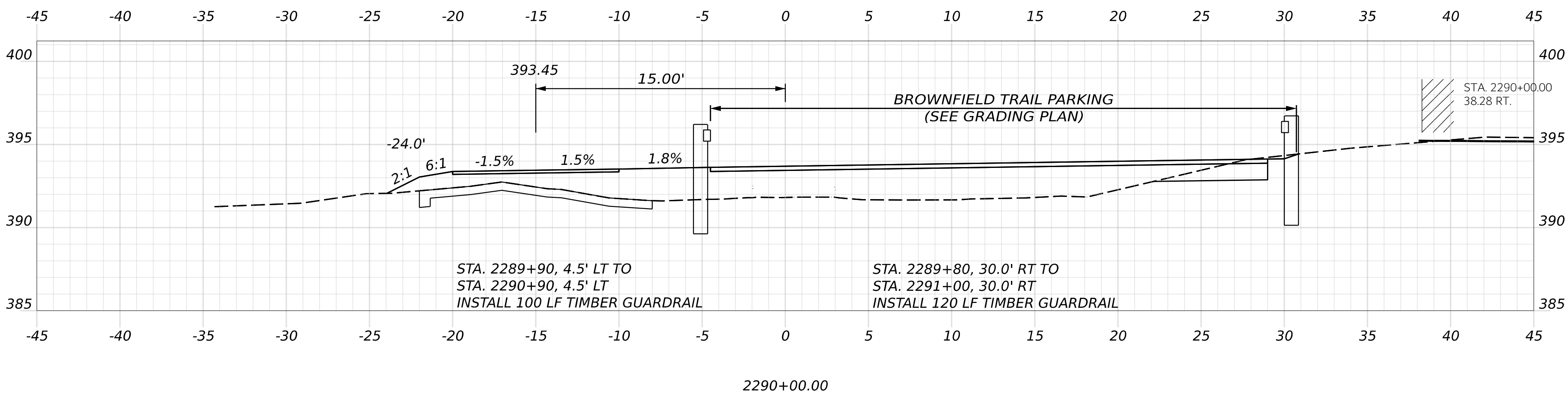
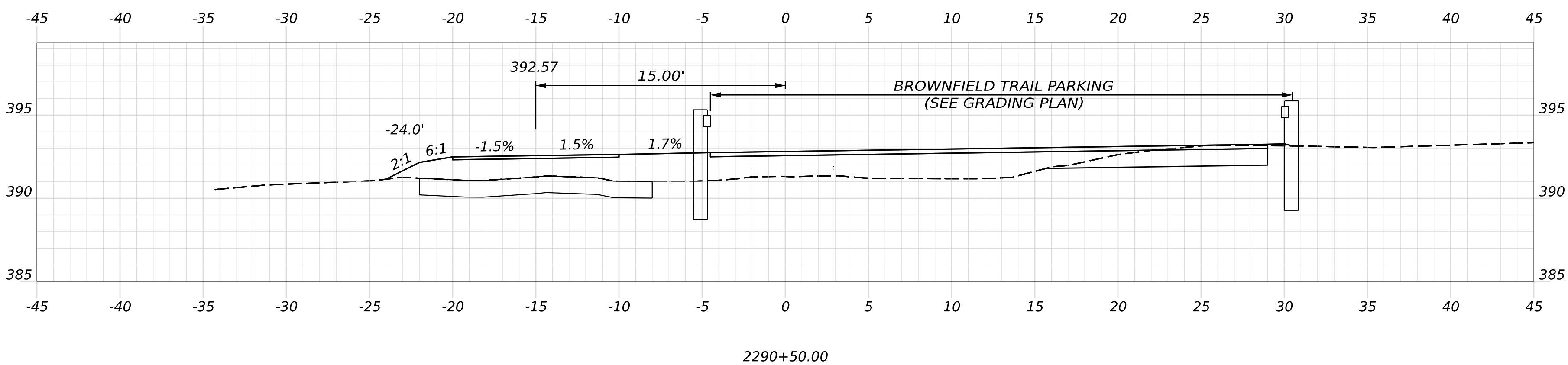
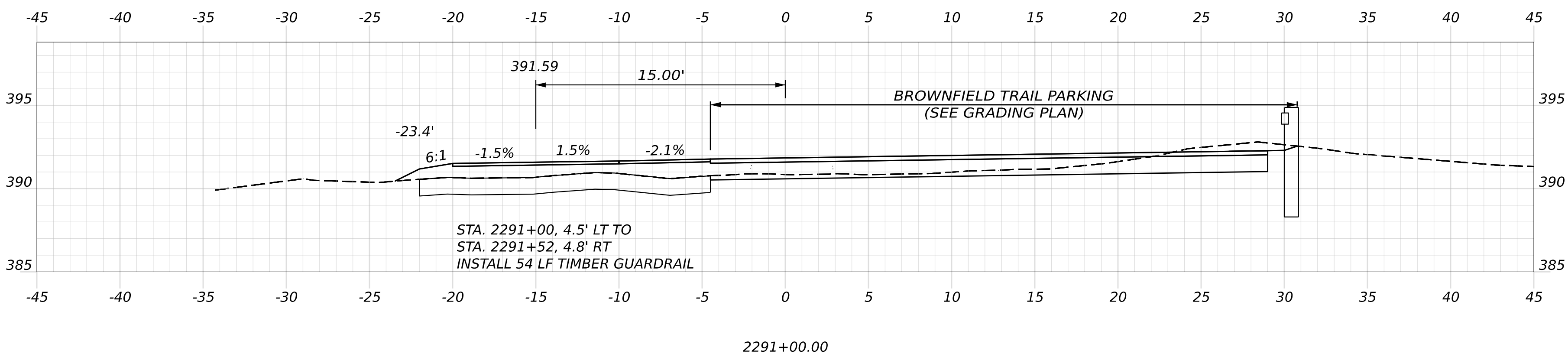
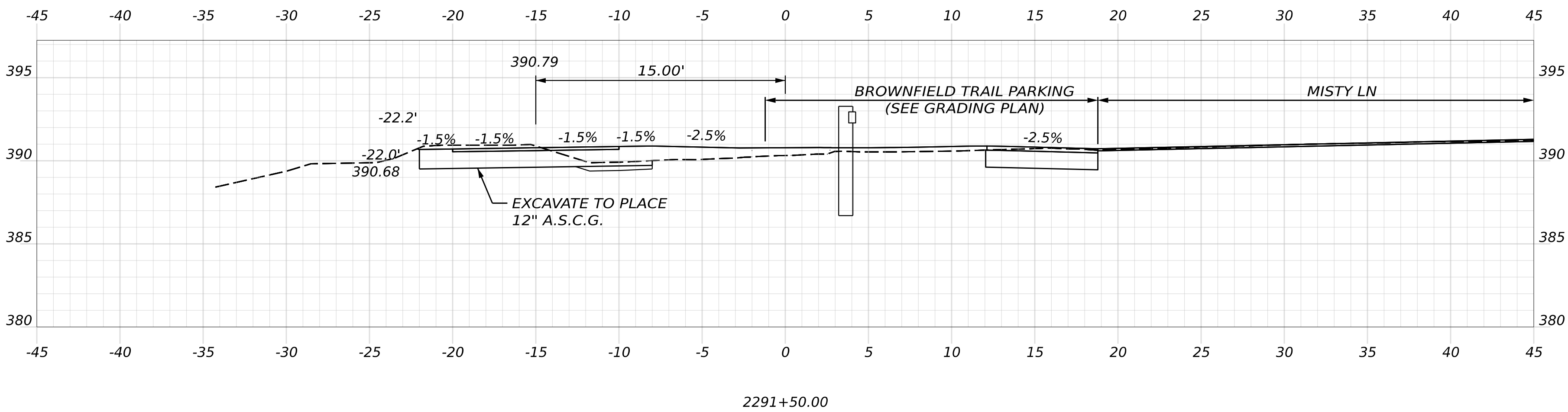


PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26
CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26
DESIGN-DETAILED2			
DESIGN-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
P.E. NUMBER
DATE

STATE OF MAINE DEPARTMENT OF TRANSPORTATION
2685810
WIN 26858.10
HIGHWAY PLANS

Filename: Cross Sections_(MDT_Section 6_7).dgn



PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26
CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26
DESIGN-DETAILED2			
DESIGN-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

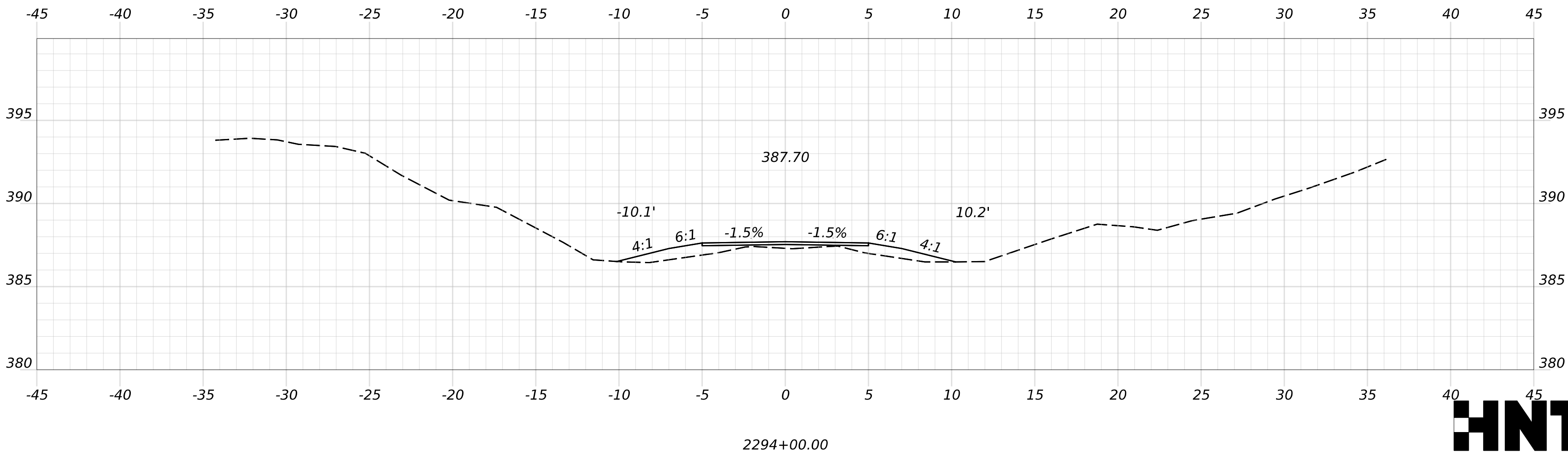
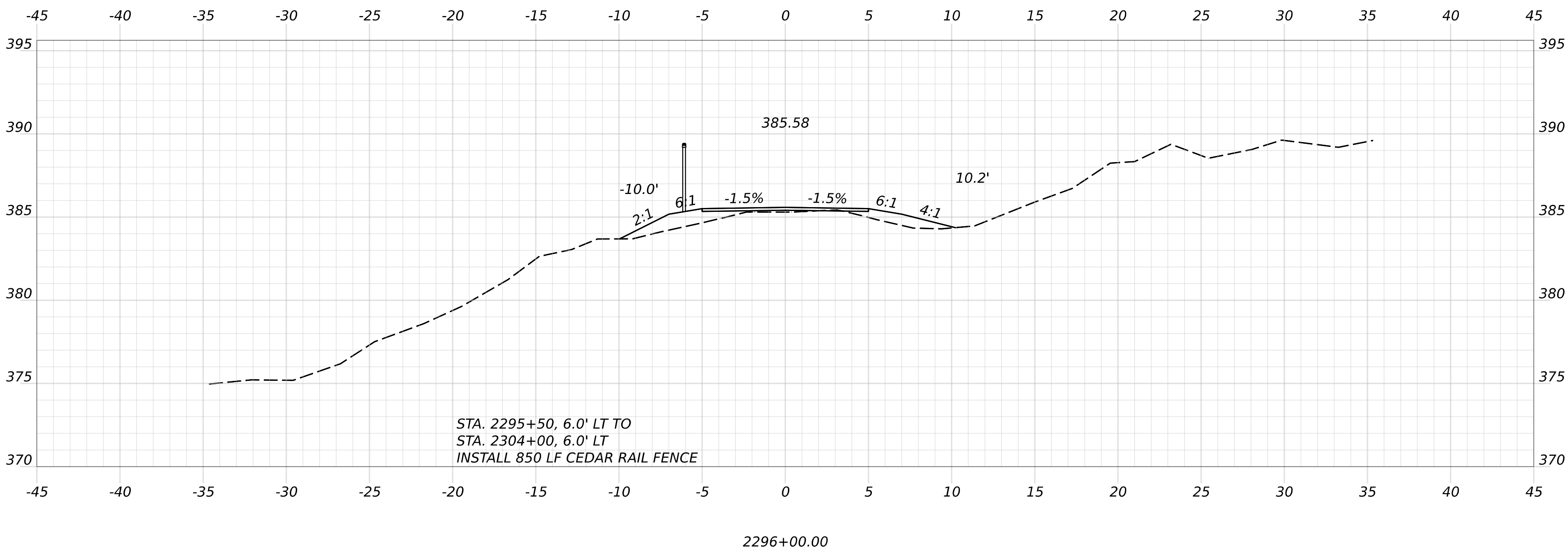
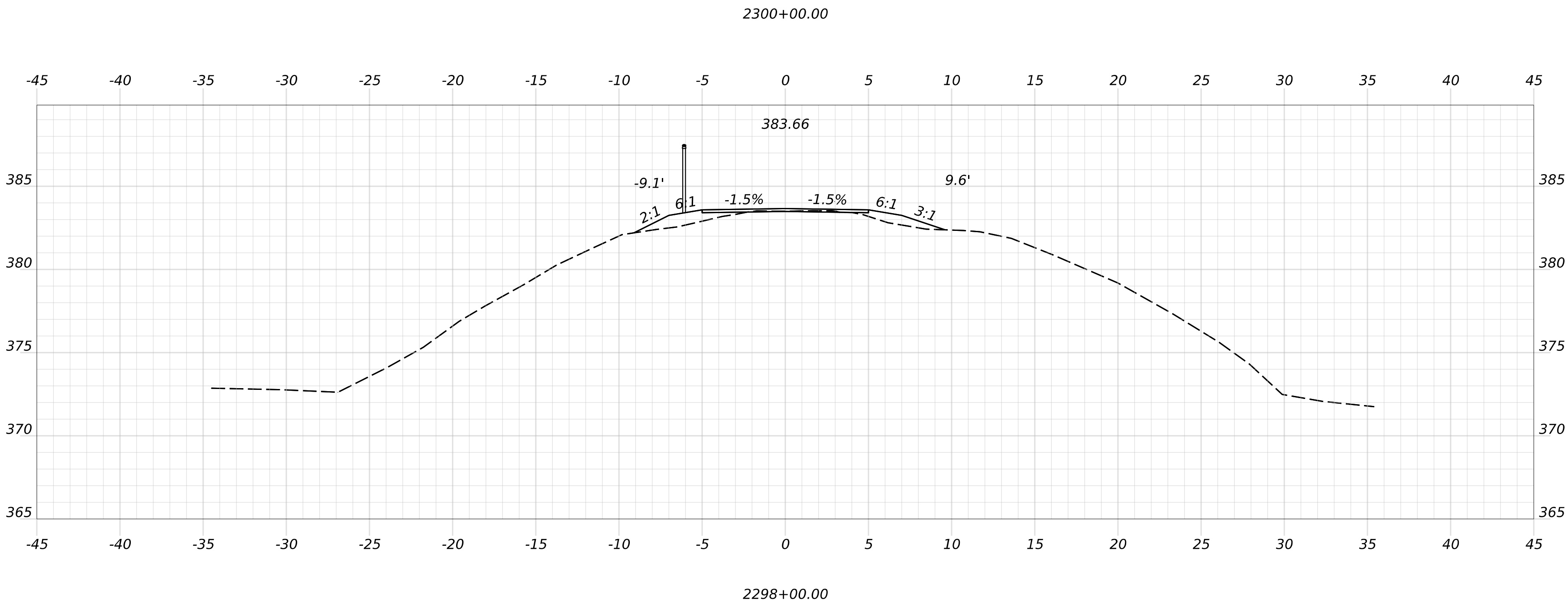
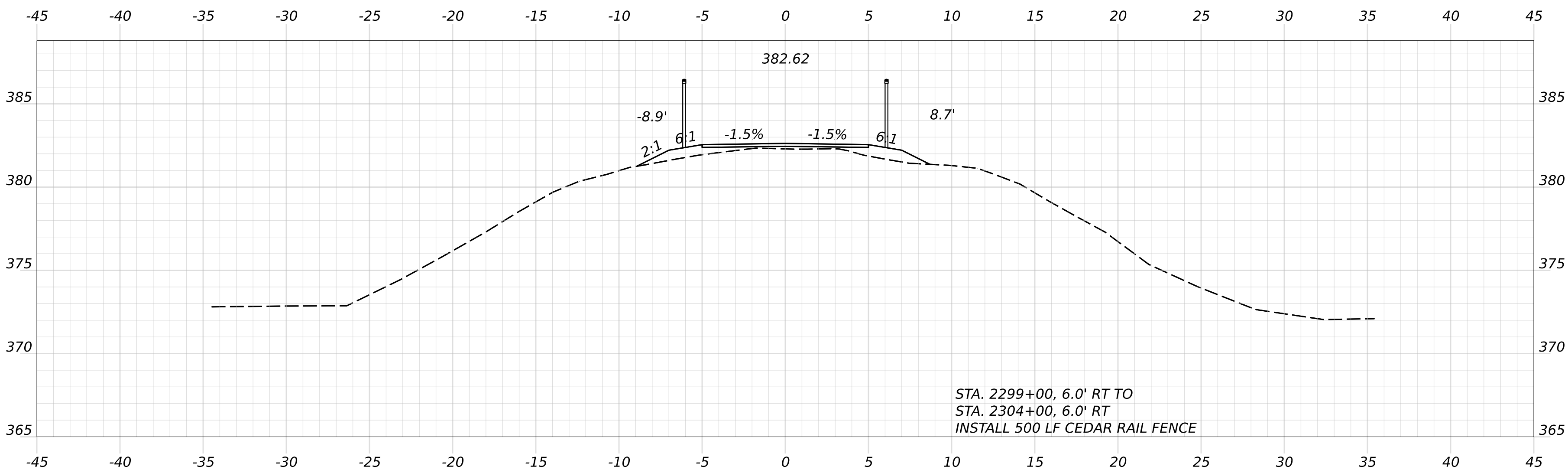
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P.E. NUMBER

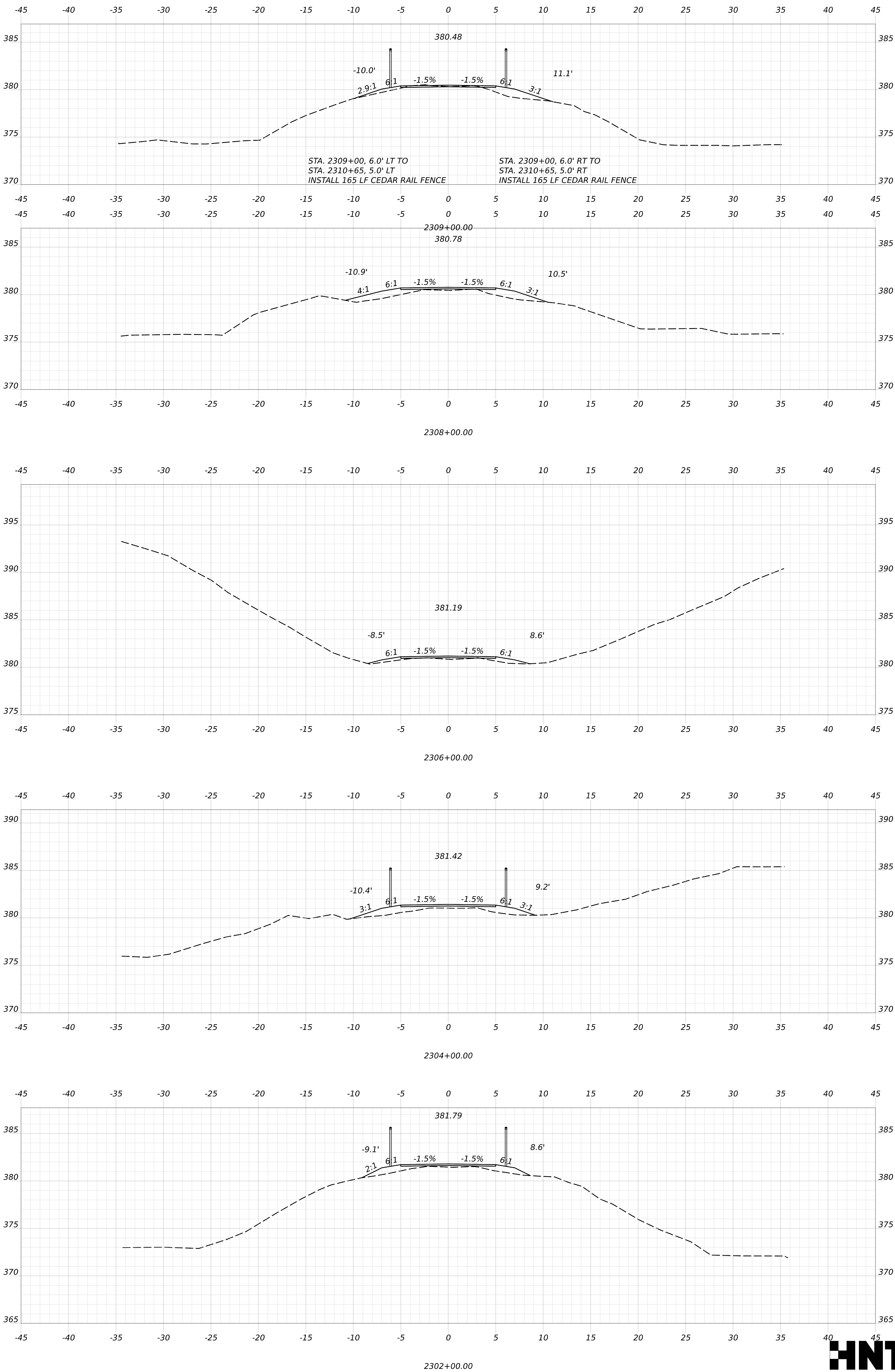
DATE

STATE OF MAINE DEPARTMENT OF TRANSPORTATION
2685810
WIN 26858.10
HIGHWAY PLANS

Filename: Cross Sections_(MDT_Section 8).dgn

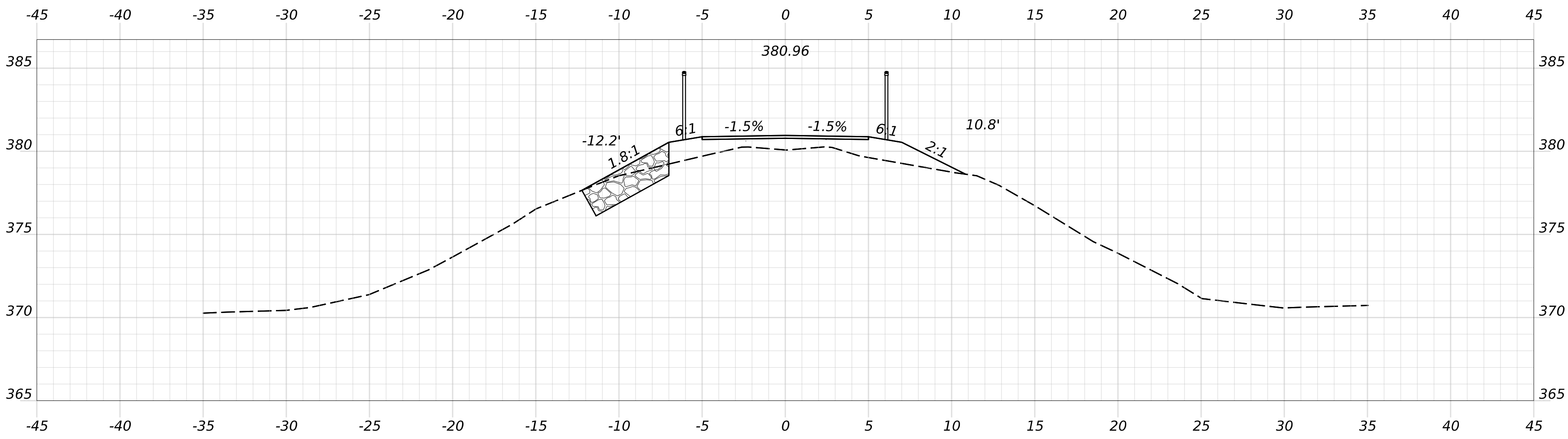


Filename: Cross Sections_(MDT)_Section 8).dgn

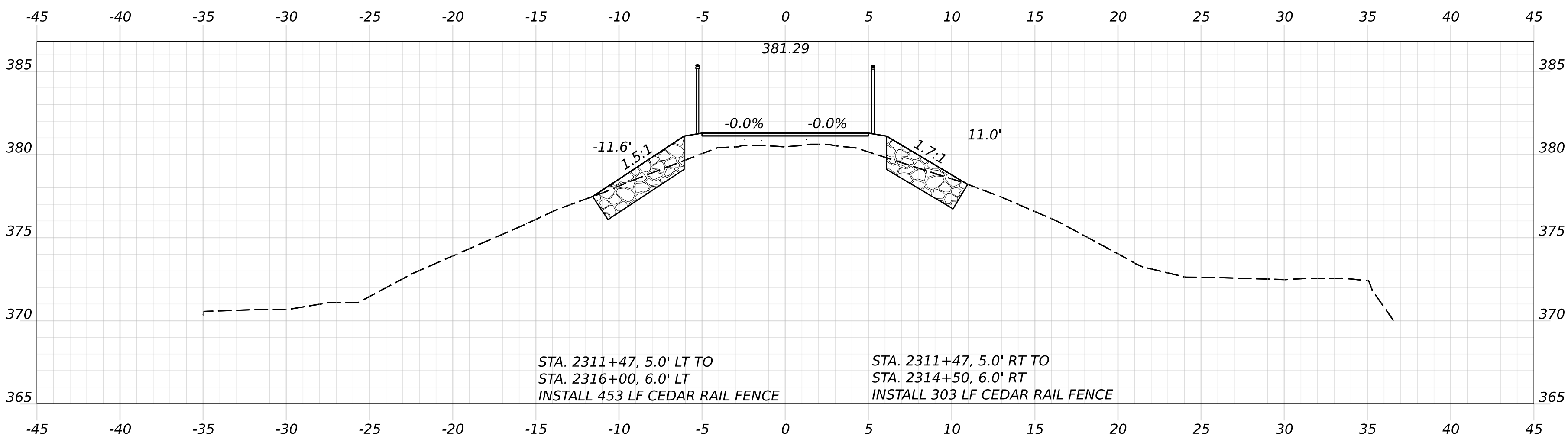


OF 236	SHEET NUMBER	HIRAM, BROWNFIELD, FRYEBURG MOUNTAIN DIVISION TRAIL	PROJ. MANAGER D. LORING BY DATE				SIGNATURE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
			DESIGN-DETAILED E. KELSEY		E. KELSEY 09/26			P.E. NUMBER	2685810
			CHECKED-REVIEWED C. HELMICK		L. ZACCHINI 09/26				
			DESIGN2-DETAILED2						
		DESIGN3-DETAILED3				DATE	WIN 26858.10	HIGHWAY PLANS	
		REVISIONS 1							
		REVISIONS 2							
		REVISIONS 3							
		REVISIONS 4							
		FIELD CHANGES							
CROSS SECTIONS									

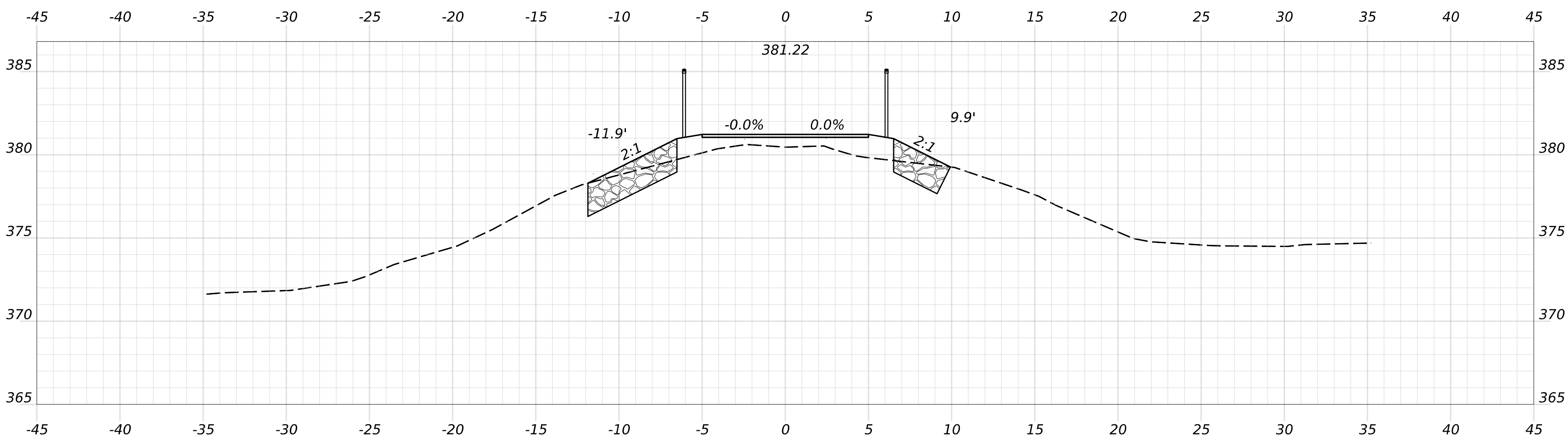
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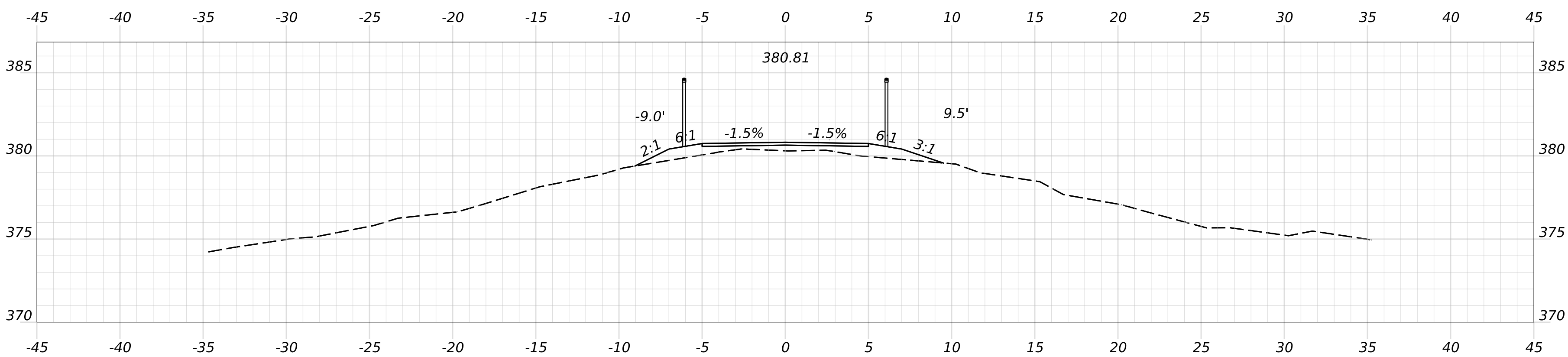
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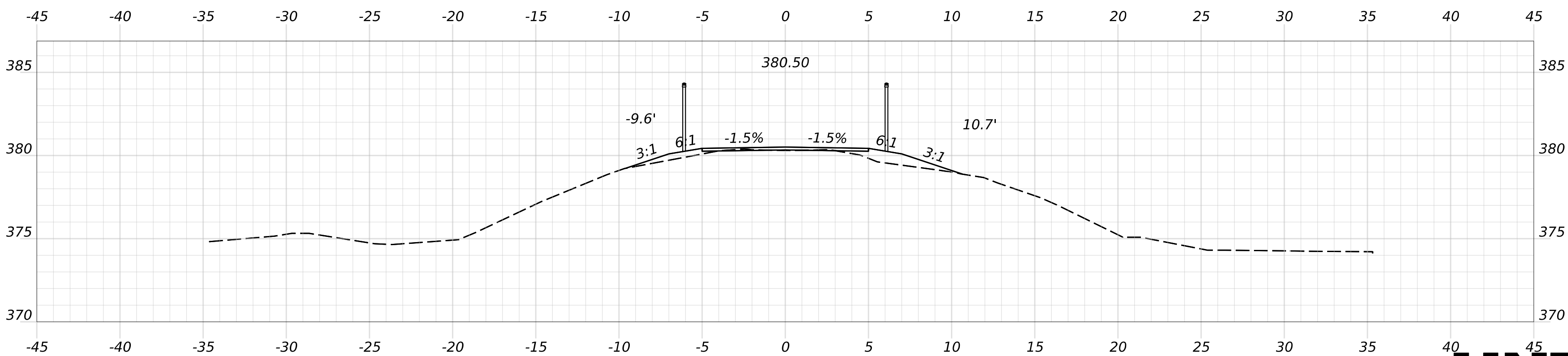
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2310+50.00



2310+00.00



2309+50.00



OF 236

168

SHEET NUMBER

HIRAM, BROWNFIELD, FRYEBURG
MOUNTAIN DIVISION TRAIL

CROSS SECTIONS

PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26
CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26
DESIGN-DETAILED2			
DESIGN-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

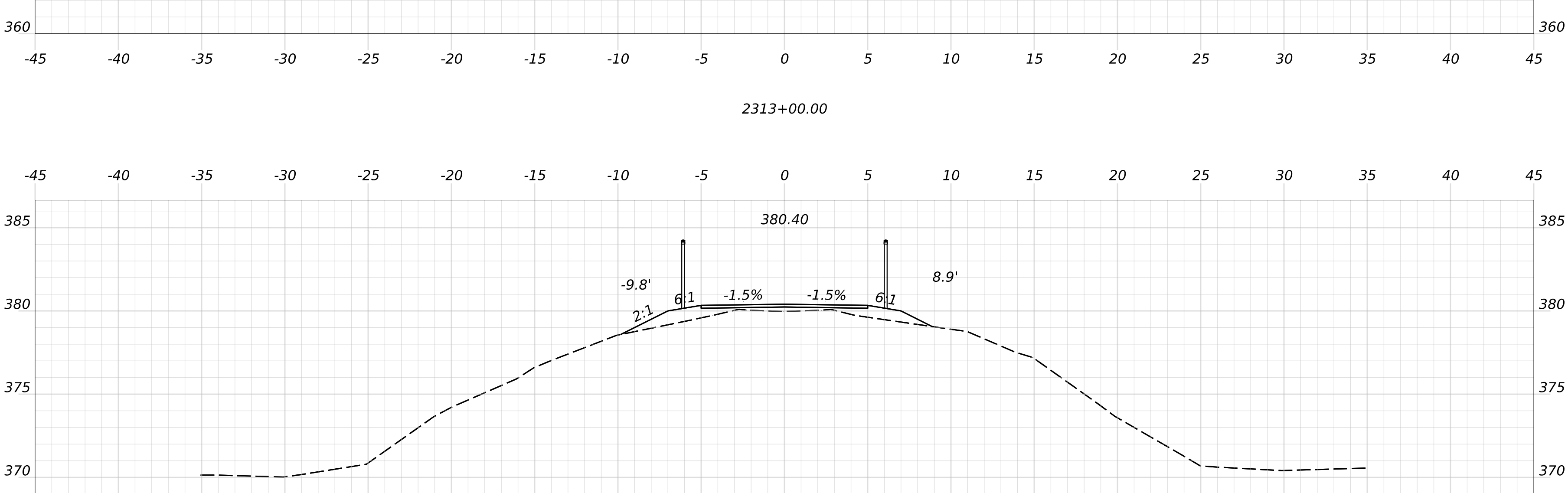
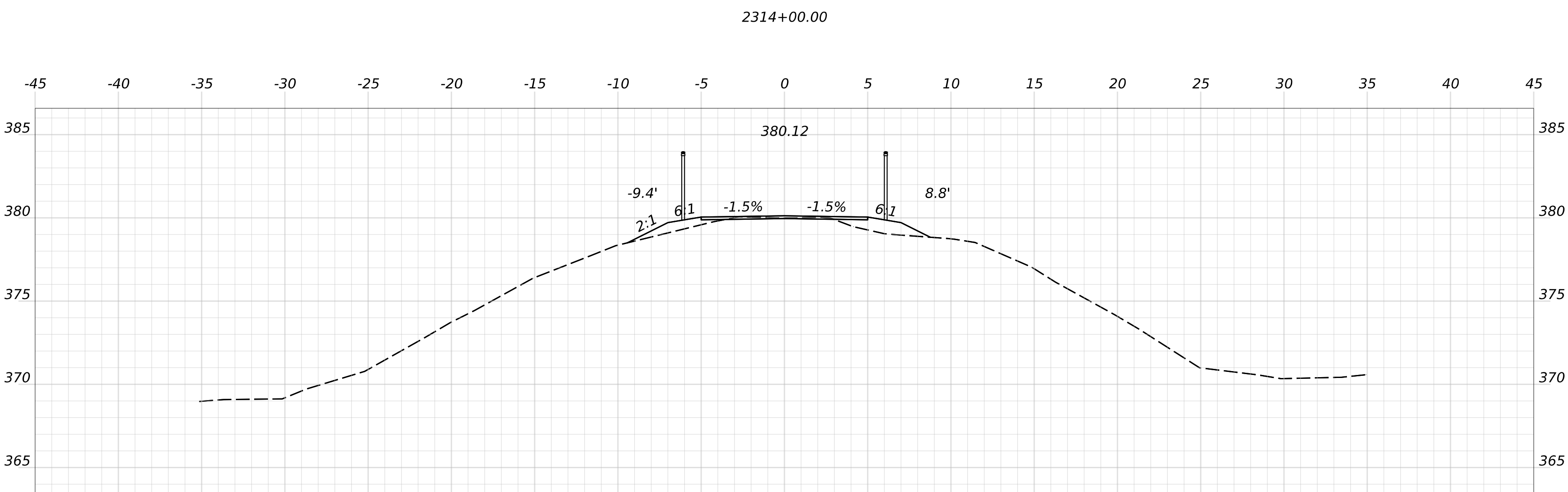
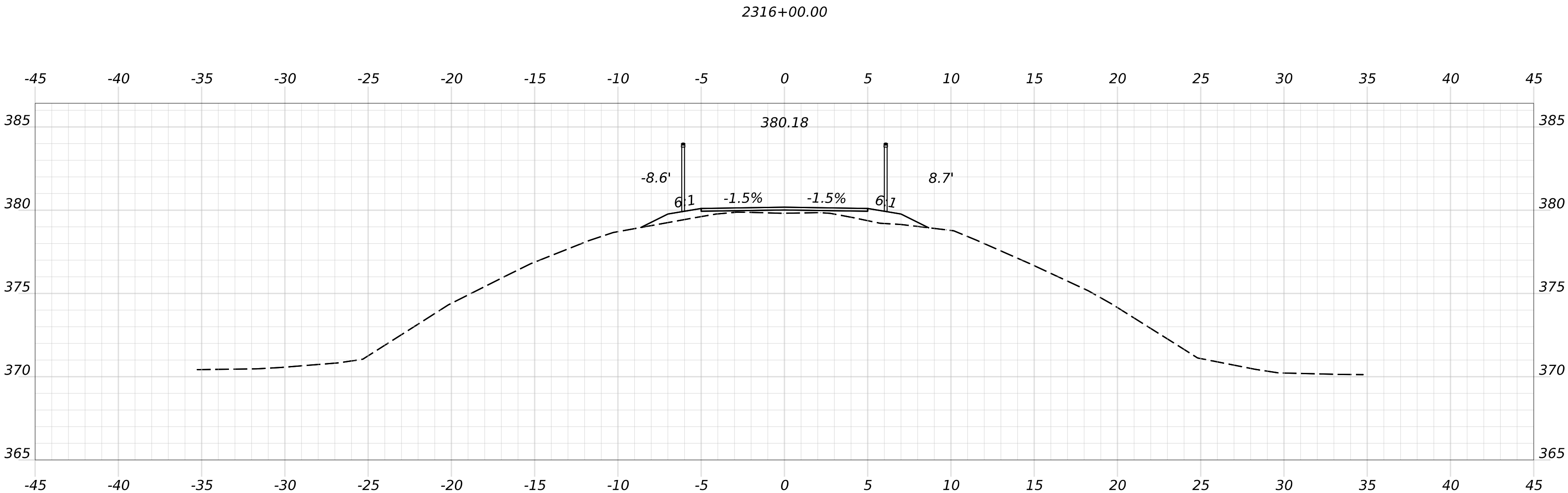
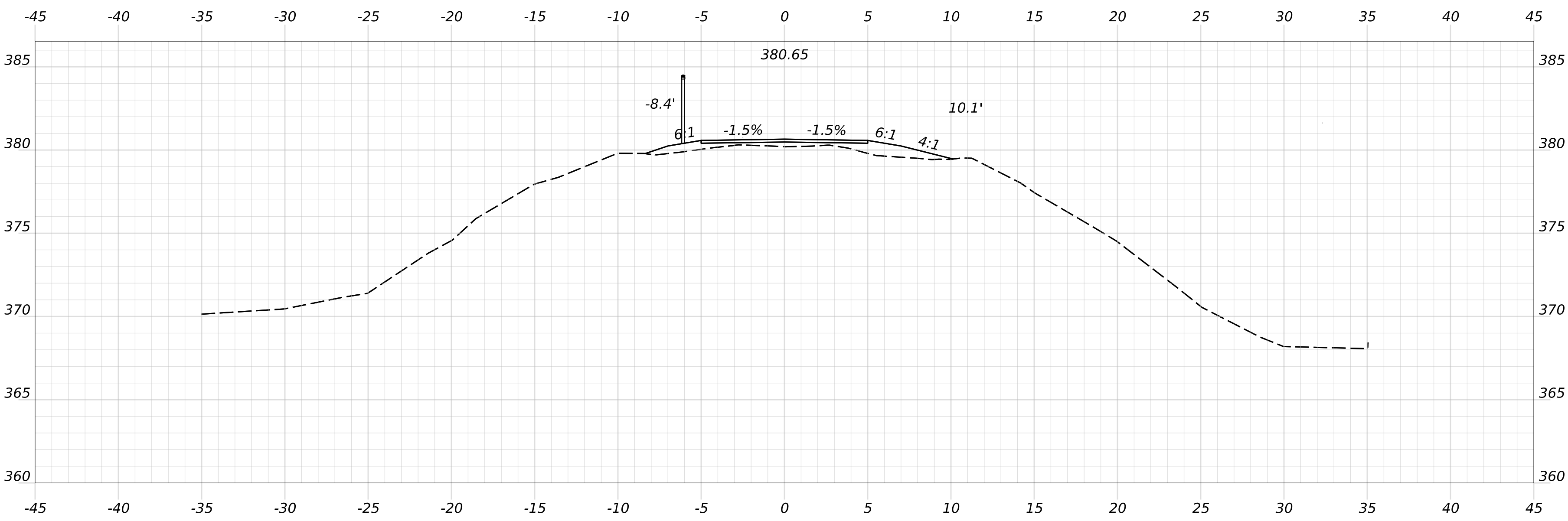
SIGNATURE

P.E. NUMBER

DATE

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
2685810	
WIN 26858.10	HIGHWAY PLANS

Filename: Cross Sections_(MDT_Section 8).dgn



HNTB

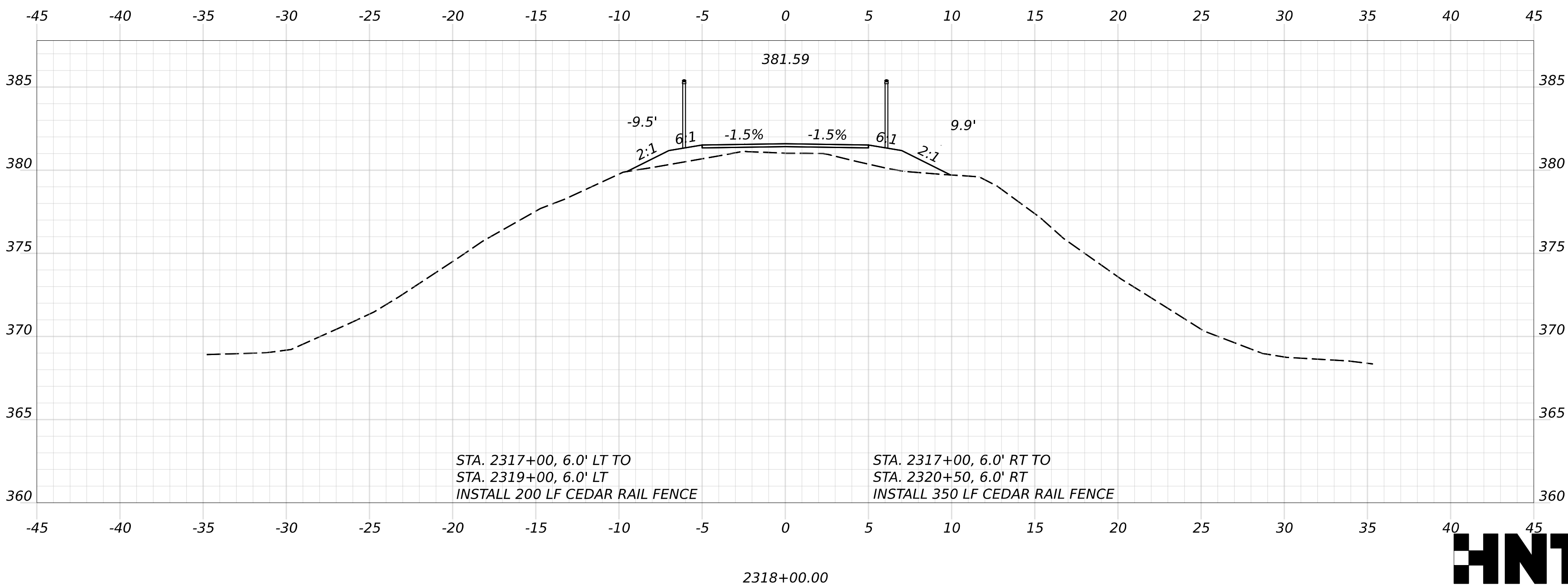
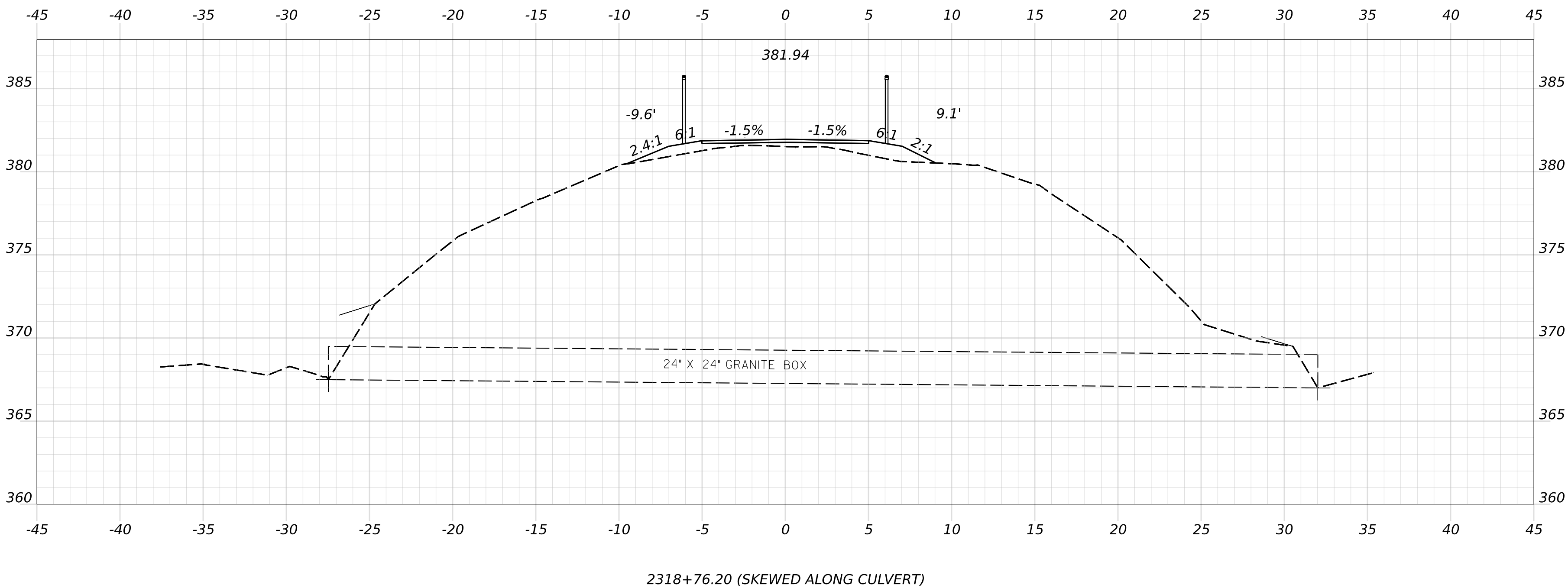
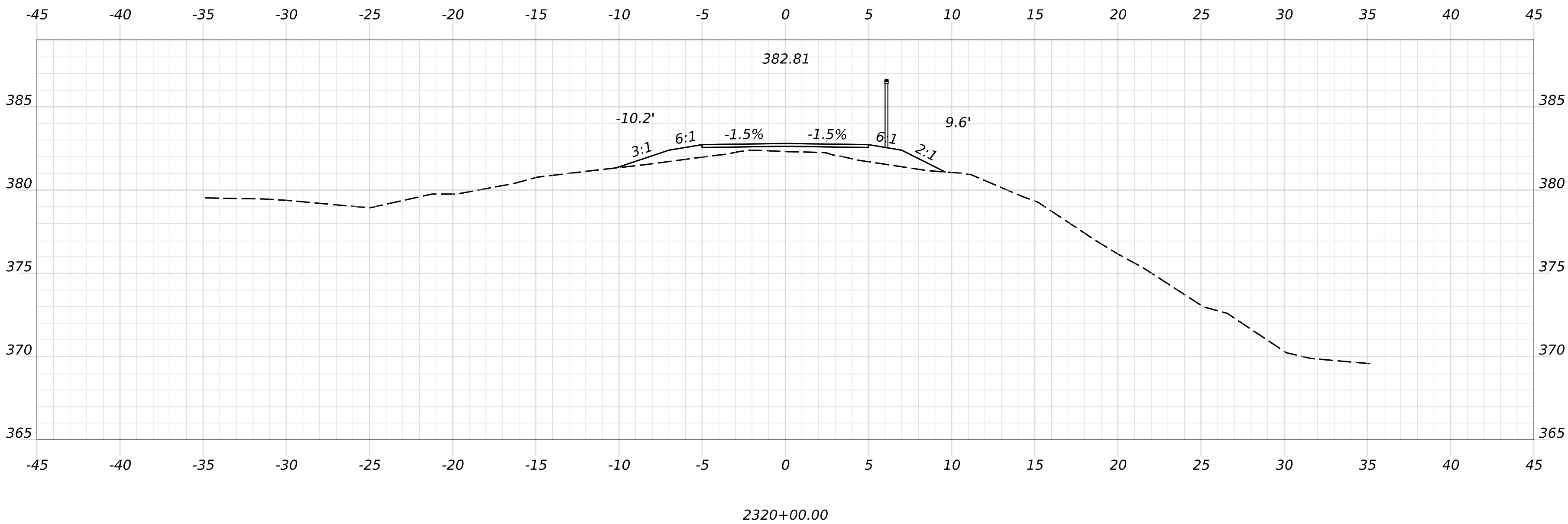
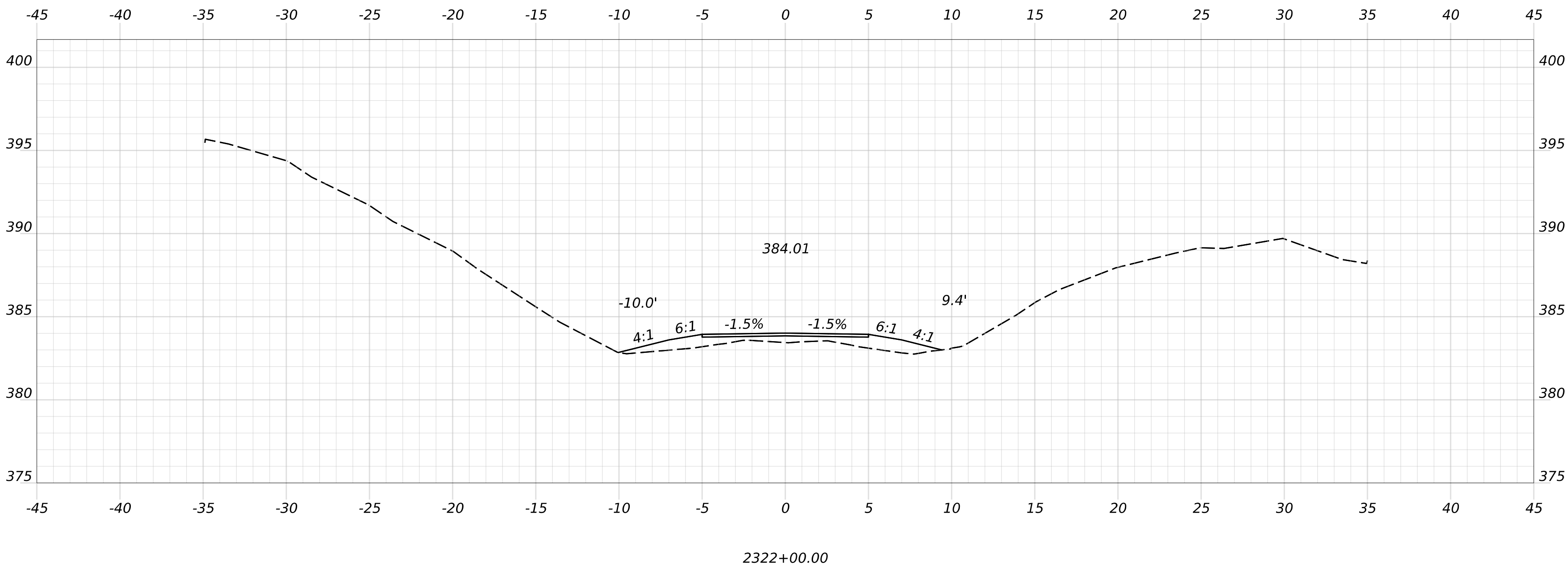
PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26
CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26
DESIGN-DETAILED2			
DESIGN-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

Filename: Cross Sections_(MDT_Section 8).dgn

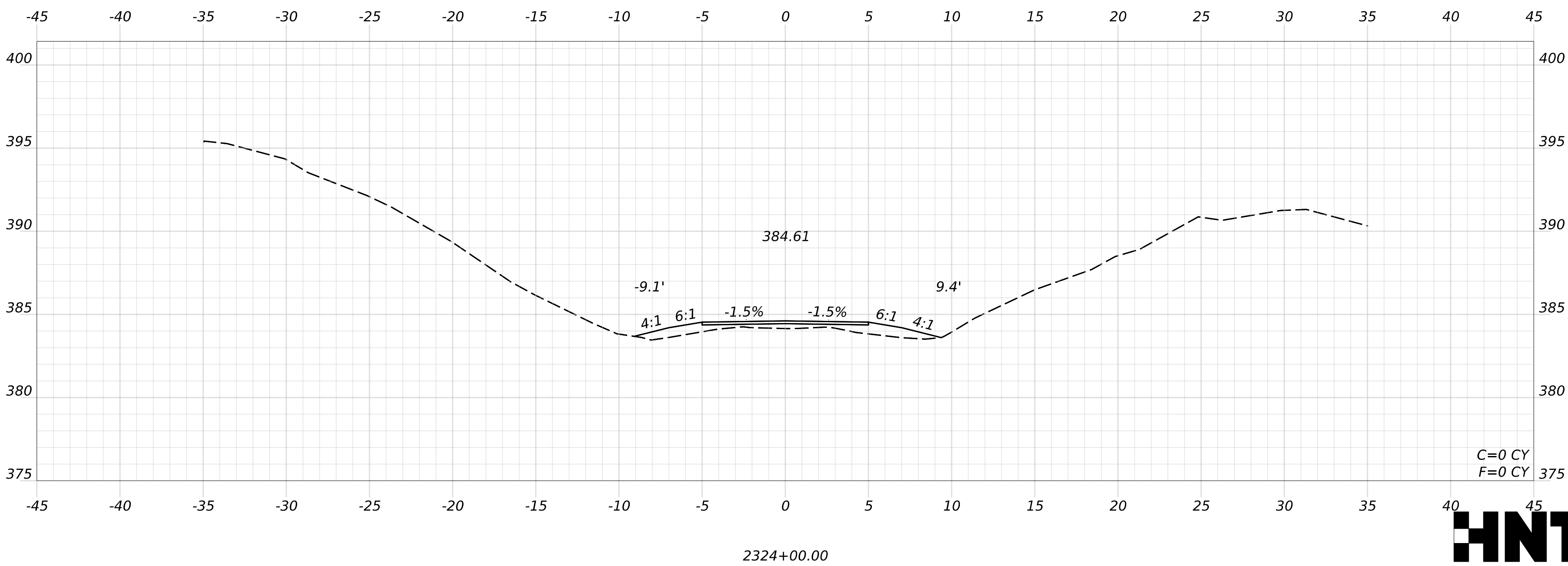
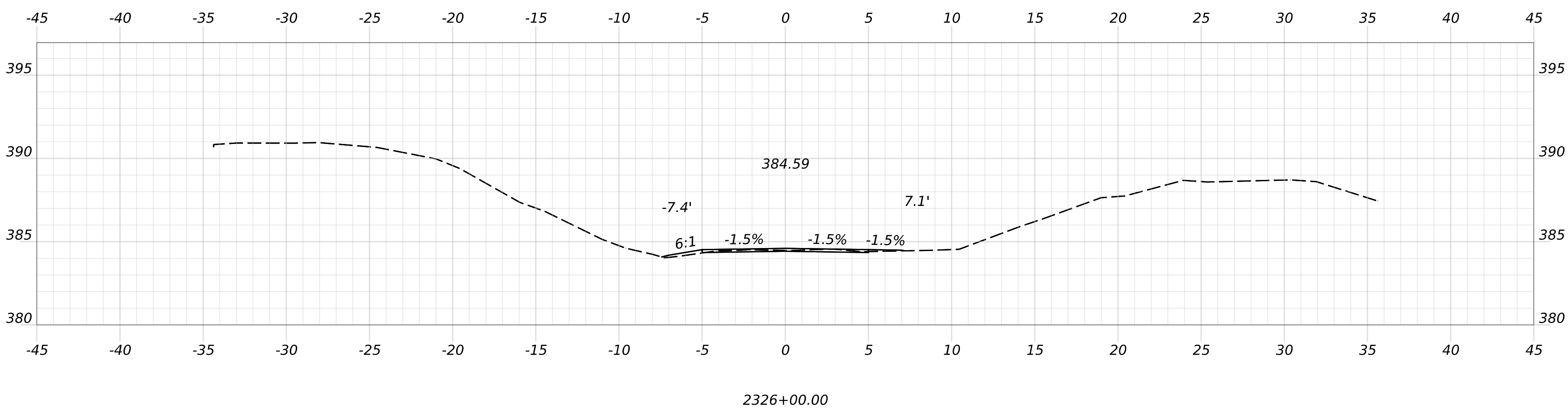
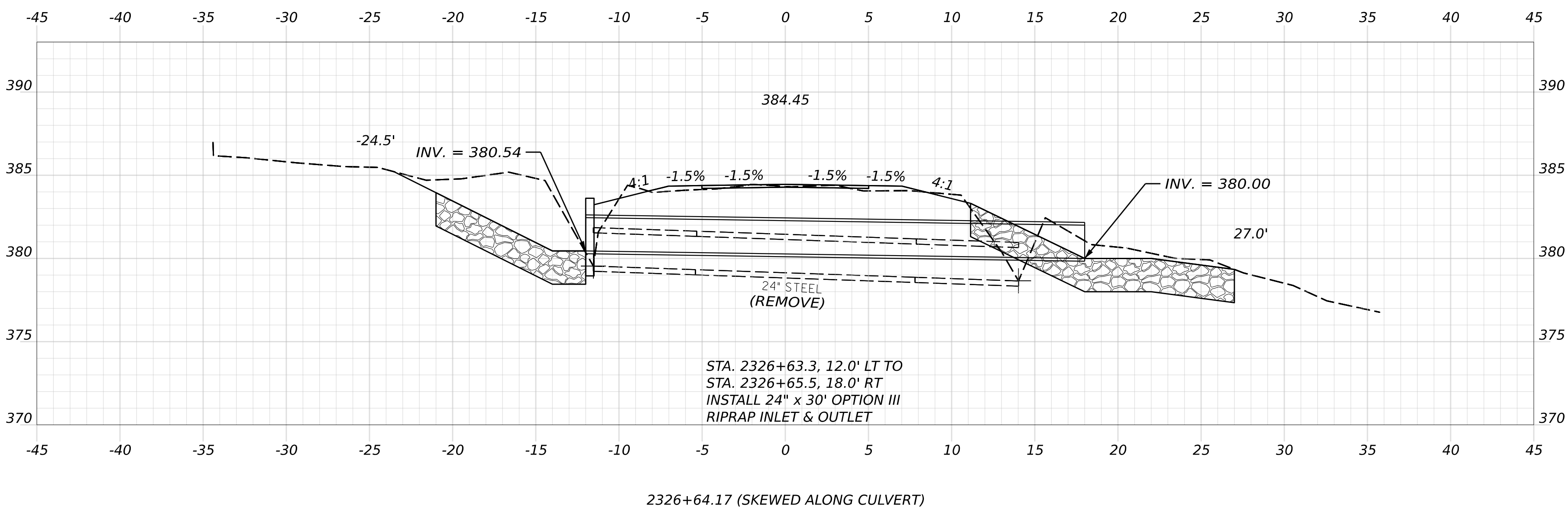
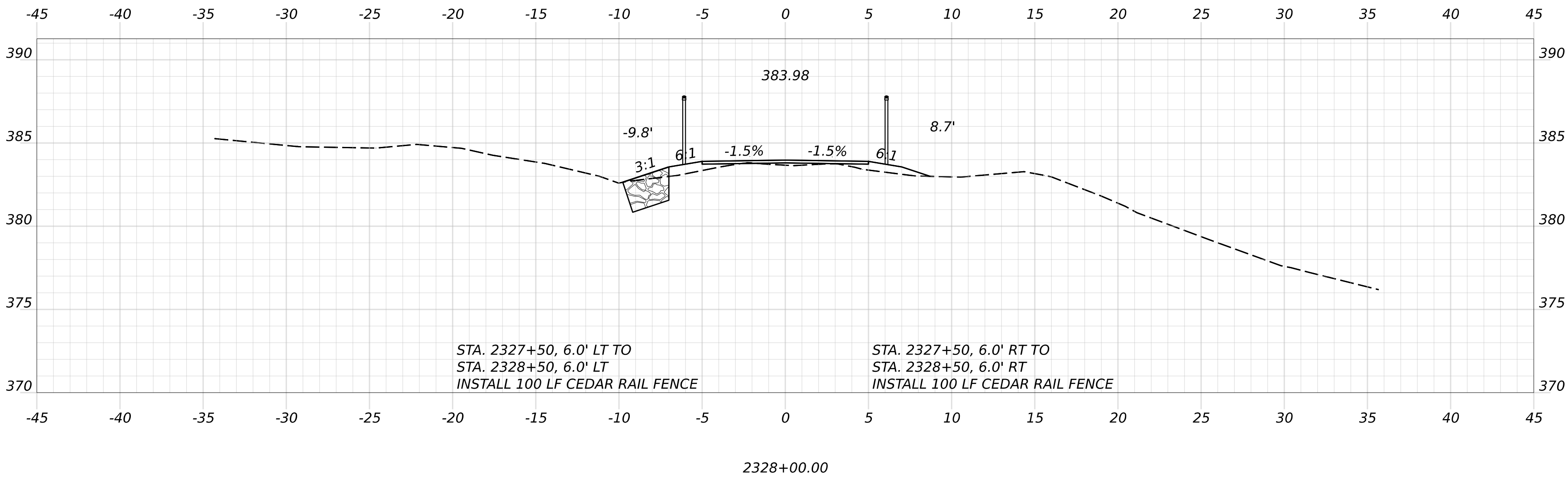


PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26
CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
P.E. NUMBER
DATE

STATE OF MAINE DEPARTMENT OF TRANSPORTATION
2685810
WIN 26858.10
HIGHWAY PLANS

Filename: Cross Sections_MDT_Section 8).dgn



OF 236

171

SHEET NUMBER

HIRAM, BROWNFIELD, FRYEBURG
MOUNTAIN DIVISION TRAIL

CROSS SECTIONS

PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26
CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

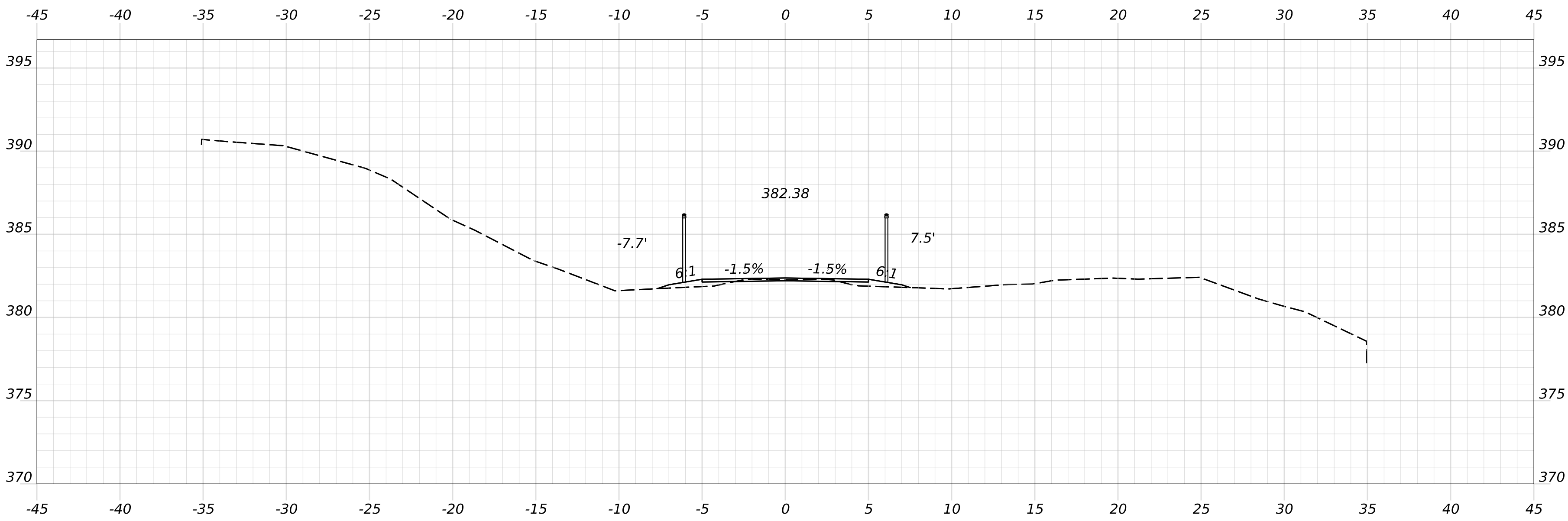
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

2685810

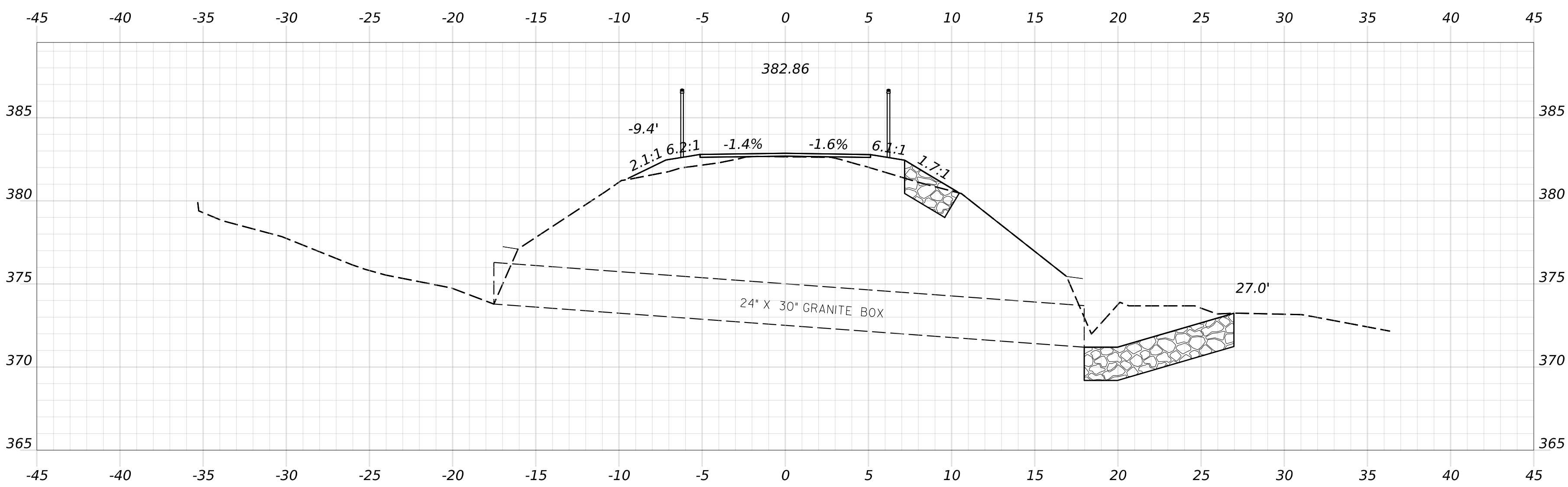
WIN
26858.10

HIGHWAY PLANS

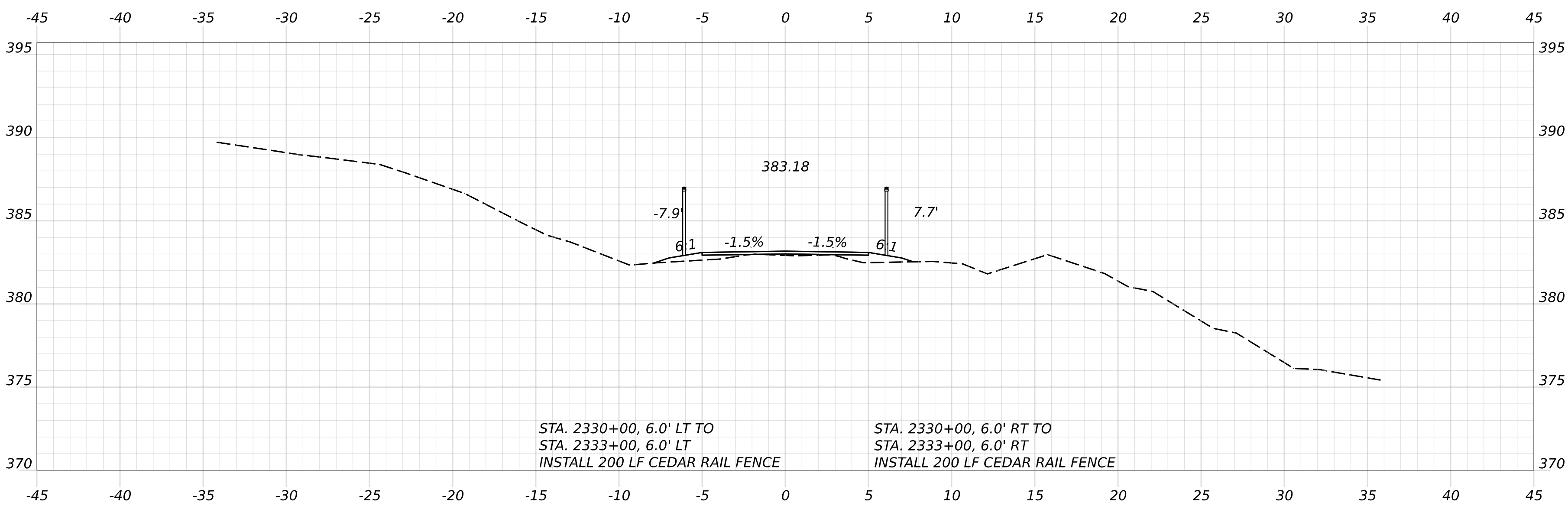
Filename: Cross Sections_(MDT_Section 8).dgn



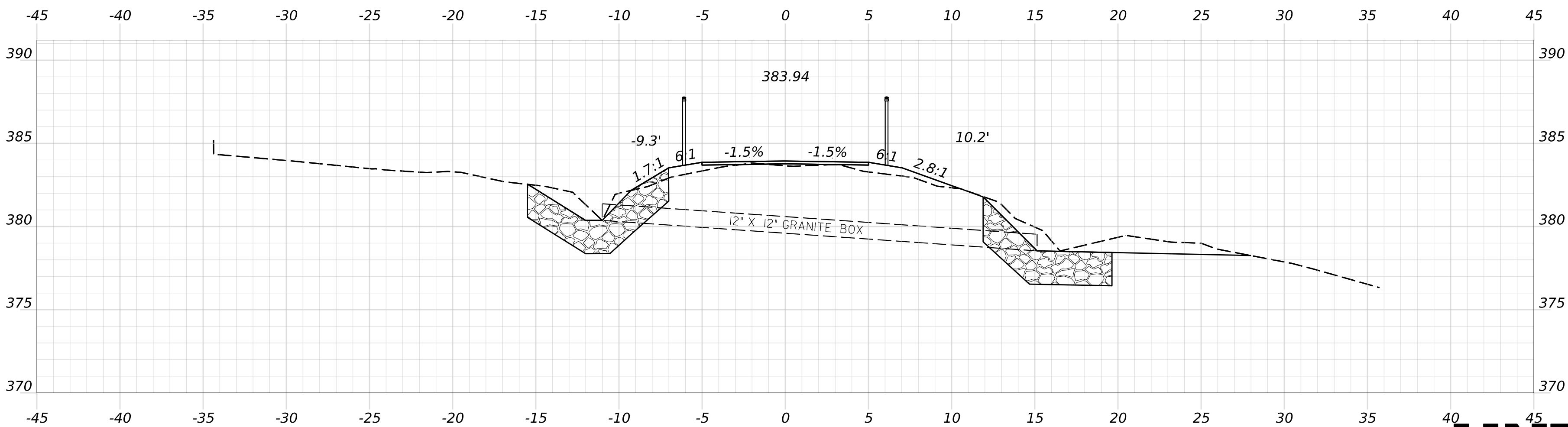
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2330+79.14 (SKEWED ALONG CULVERT)



2330+00.00

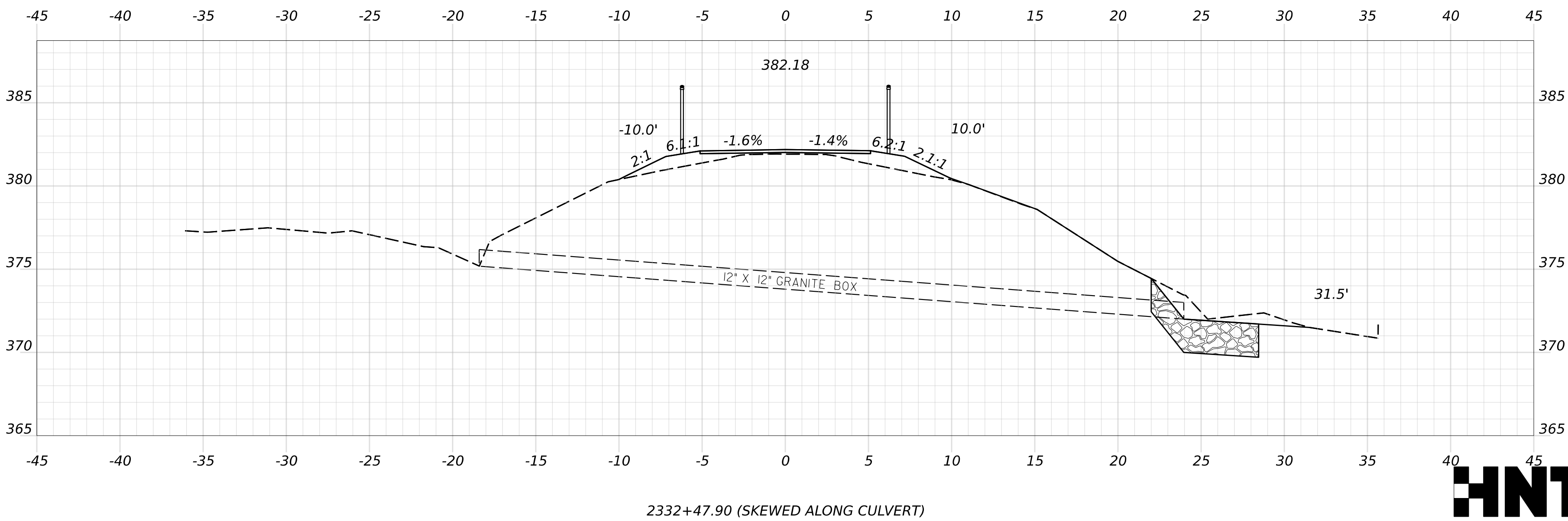
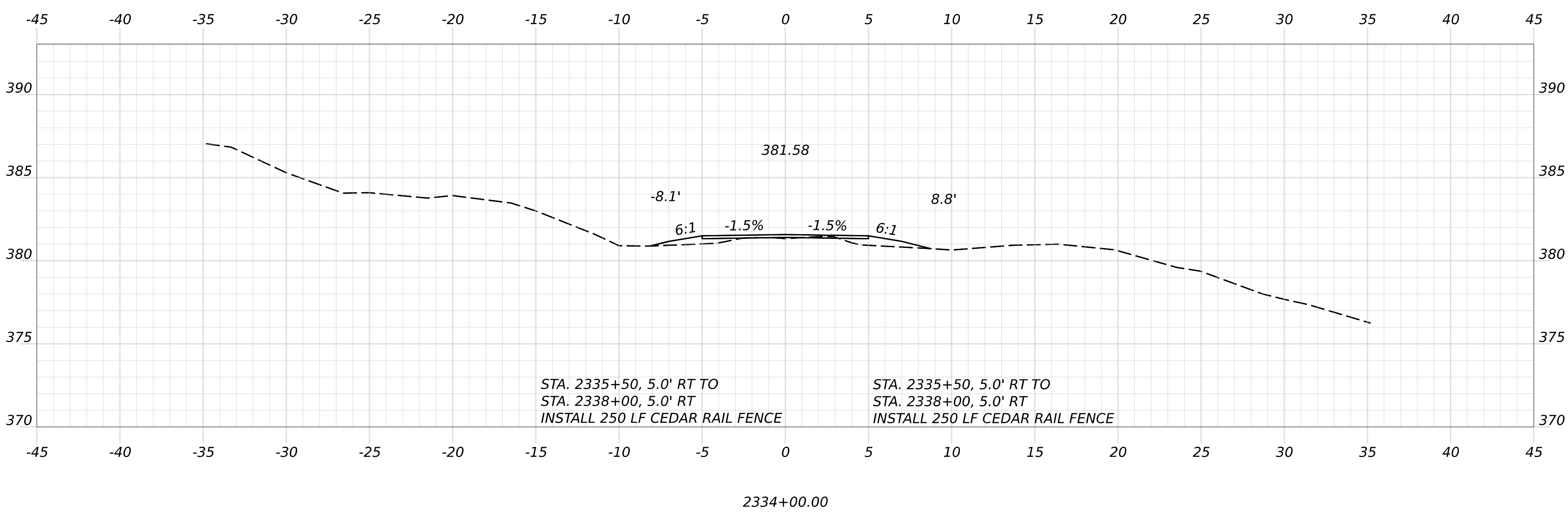
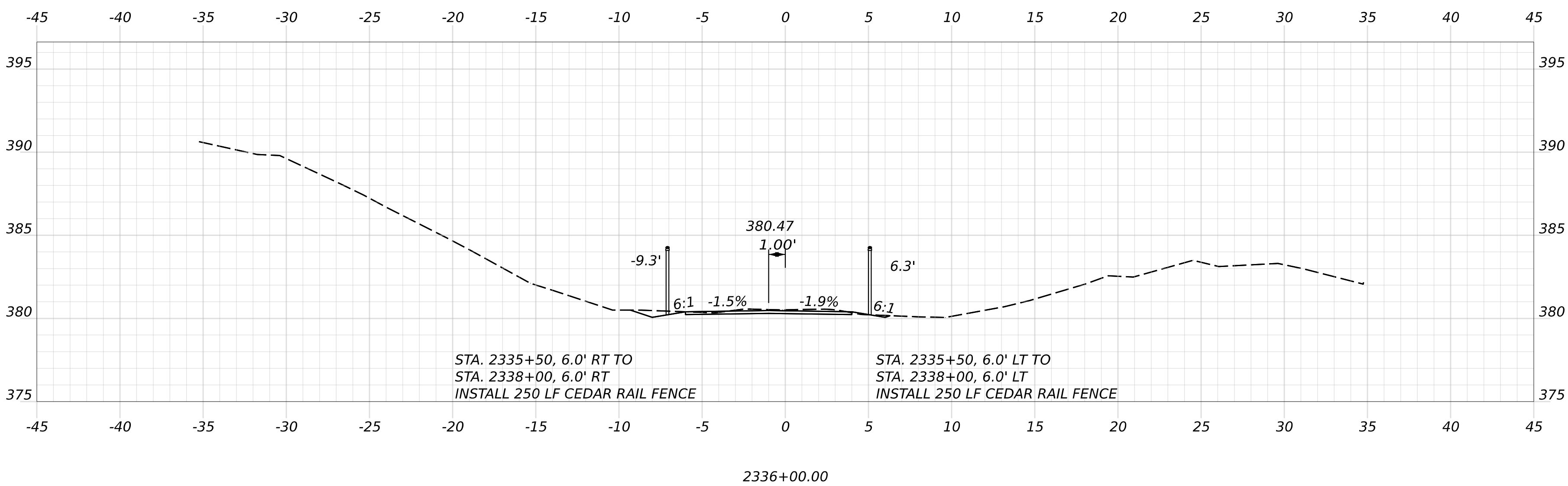
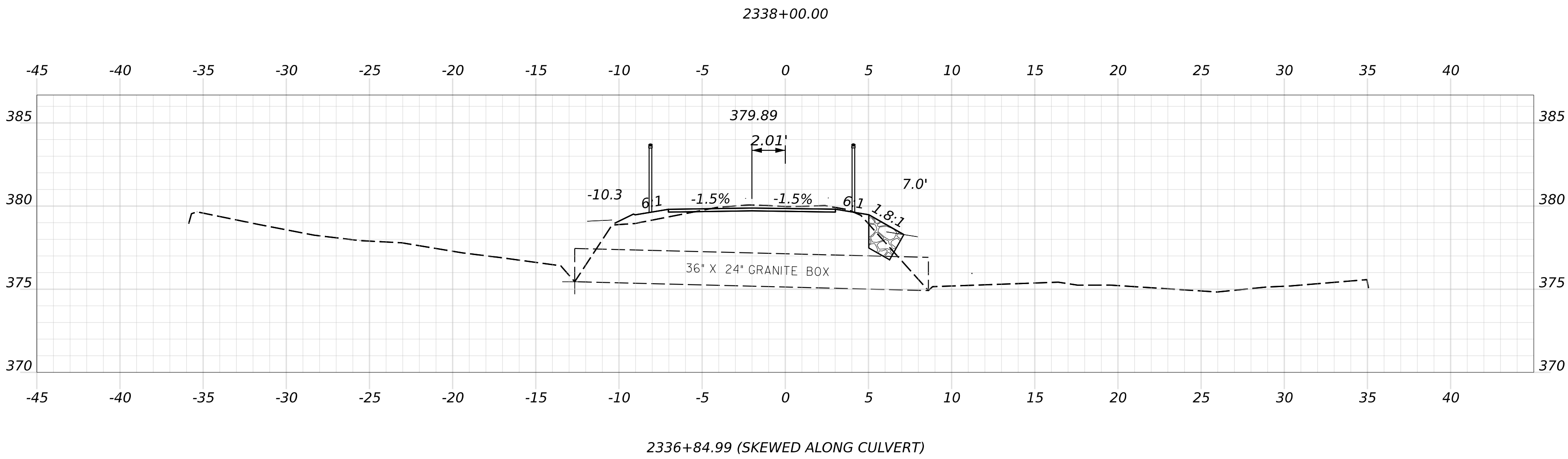
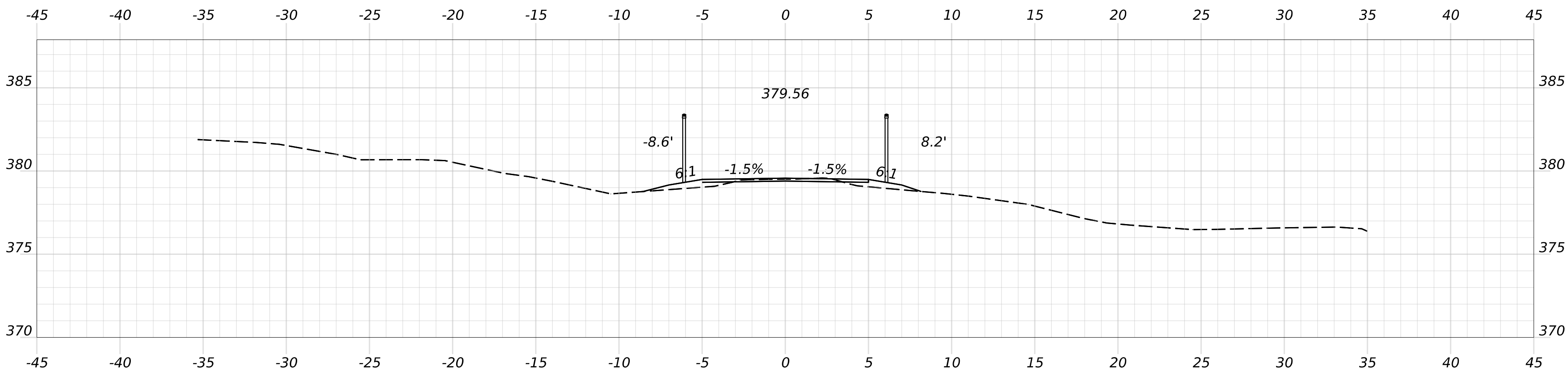


2328+09.94 (SKEWED ALONG CULVERT)



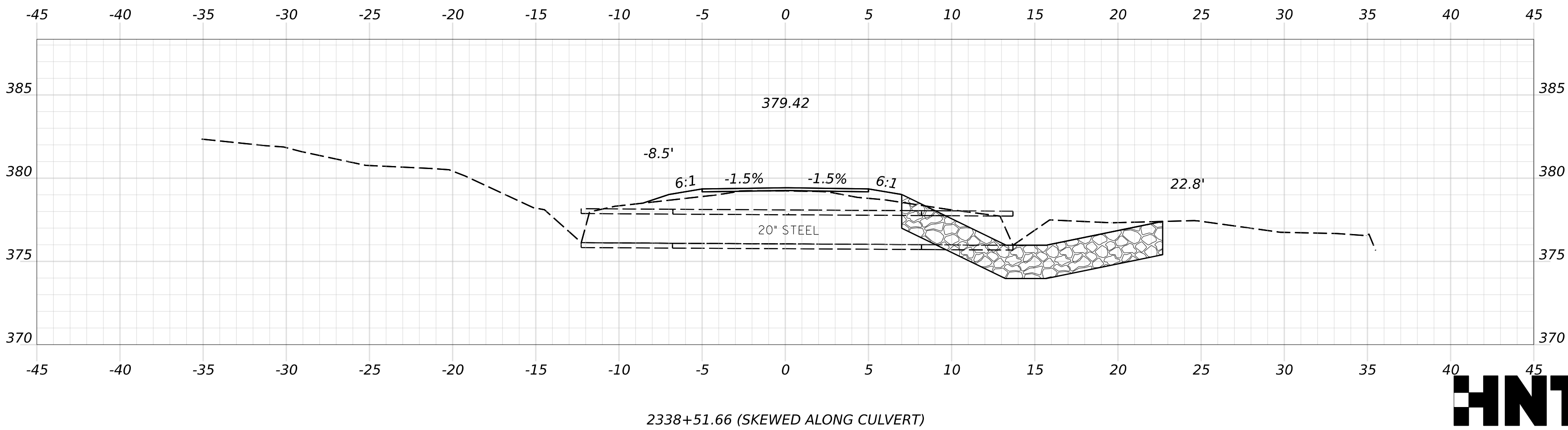
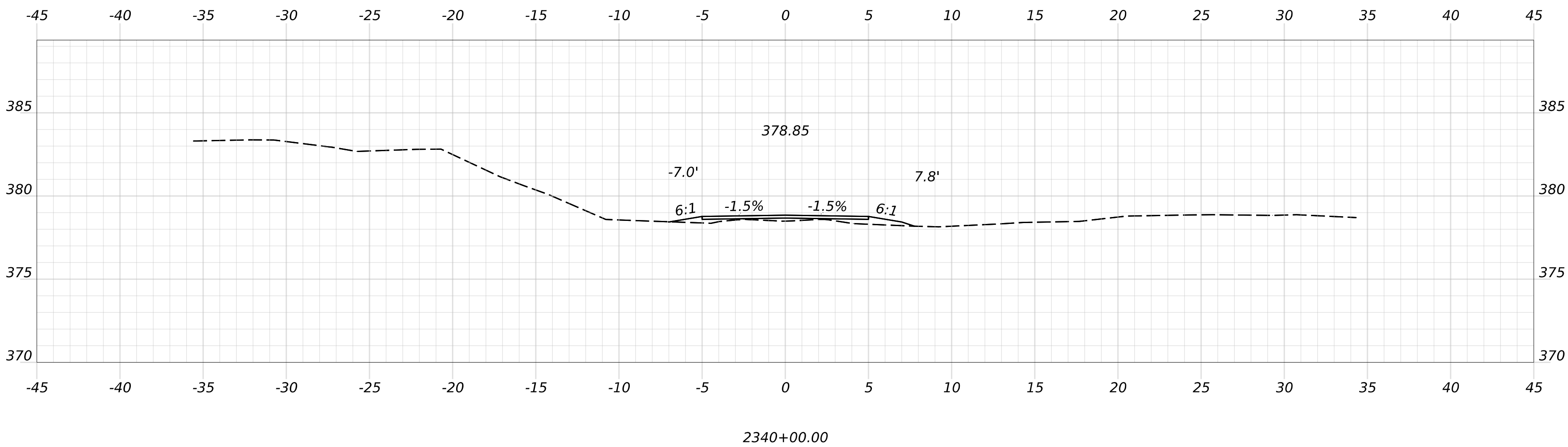
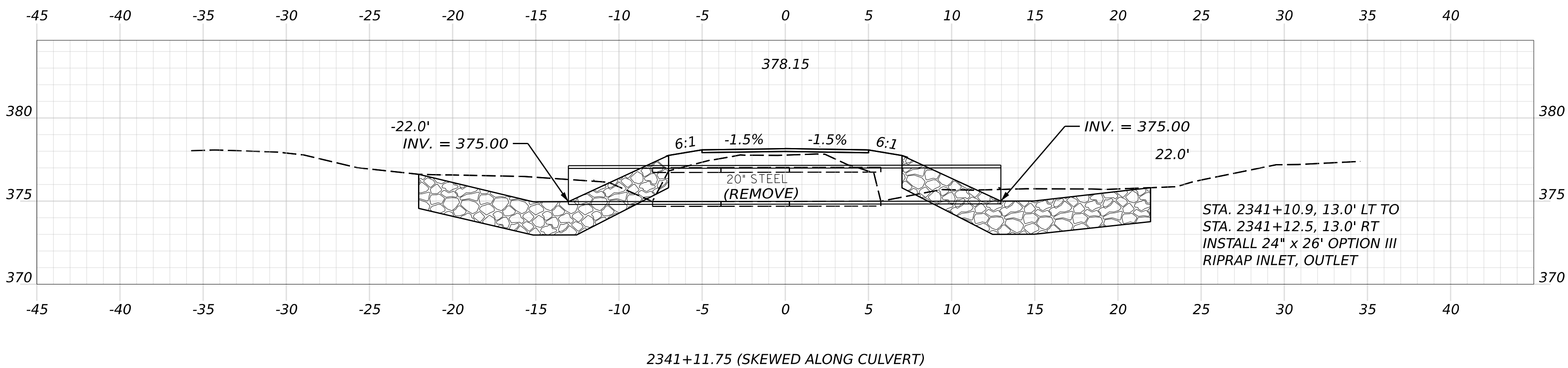
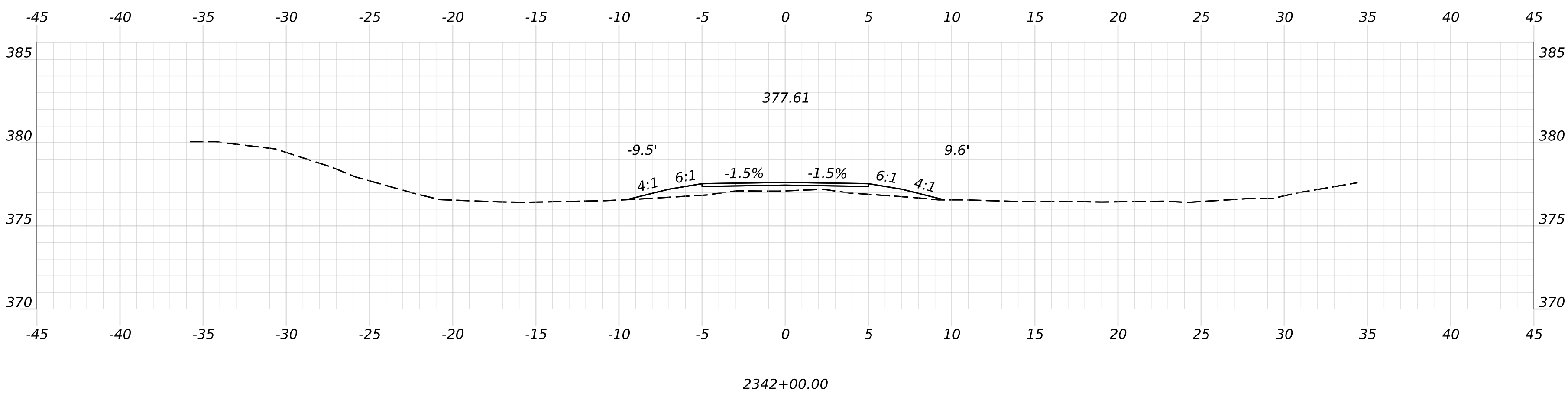
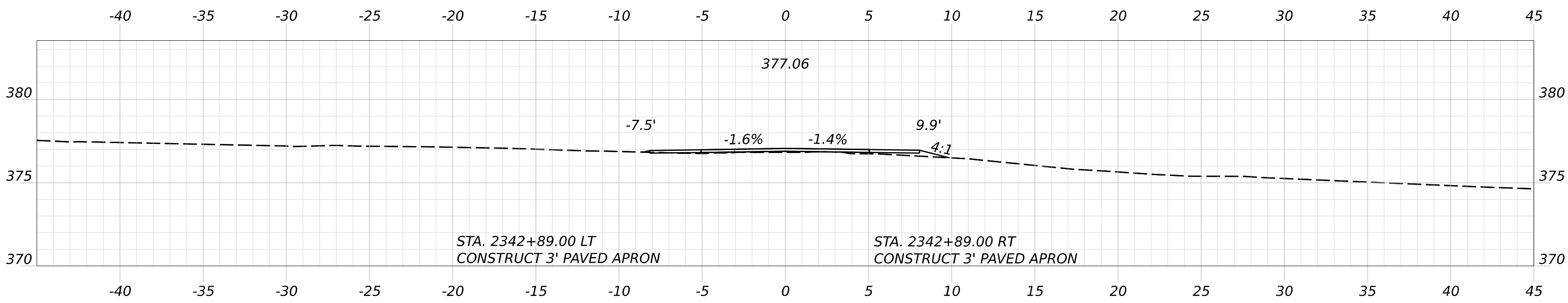
OF 236	SHEET NUMBER	HIRAM, BROWNFIELD, FRYEBURG MOUNTAIN DIVISION TRAIL	PROJ. MANAGER		D. LORING	BY	DATE	SIGNATURE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
			DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26	2685810			
			CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26				
			DESIGN2-DETAILED2							
			DESIGN3-DETAILED3							
		REVISIONS 1				P.E. NUMBER	DATE	WIN 26858.10	HIGHWAY PLANS	
		REVISIONS 2								
		REVISIONS 3								
		REVISIONS 4								
		FIELD CHANGES								
CROSS SECTIONS										

Filename: Cross Sections_(MDT_Section 8).dgn



OF 236	SHEET NUMBER	173	HIRAM, BROWNFIELD, FRYEBURG MOUNTAIN DIVISION TRAIL	PROJ. MANAGER	D. LORING	BY	DATE	SIGNATURE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION
				DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26		
				CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26		
				DESIGN-DETAILED2					
OF 236	SHEET NUMBER	173	HIRAM, BROWNFIELD, FRYEBURG MOUNTAIN DIVISION TRAIL	DESIGN-DETAILED3				P.E. NUMBER	2685810
				REVISIONS 1				DATE	WIN
				REVISIONS 2					26858.10
				REVISIONS 3					HIGHWAY PLANS
OF 236	SHEET NUMBER	173	HIRAM, BROWNFIELD, FRYEBURG MOUNTAIN DIVISION TRAIL	REVISIONS 4					
				FIELD CHANGES					

Filename: Cross Sections_(MDT_Section 8).dgn



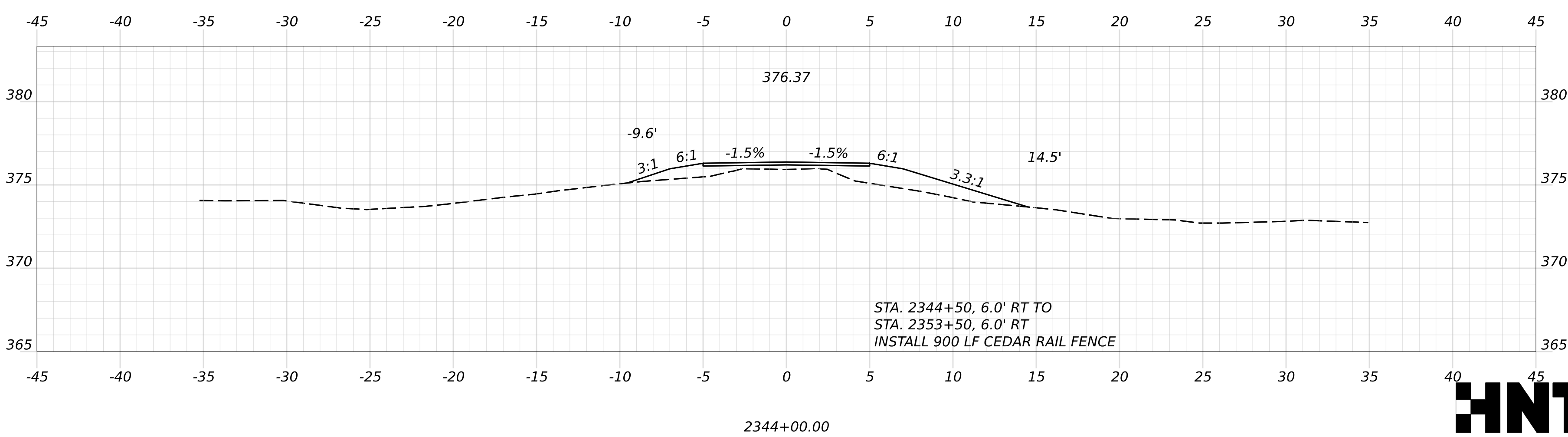
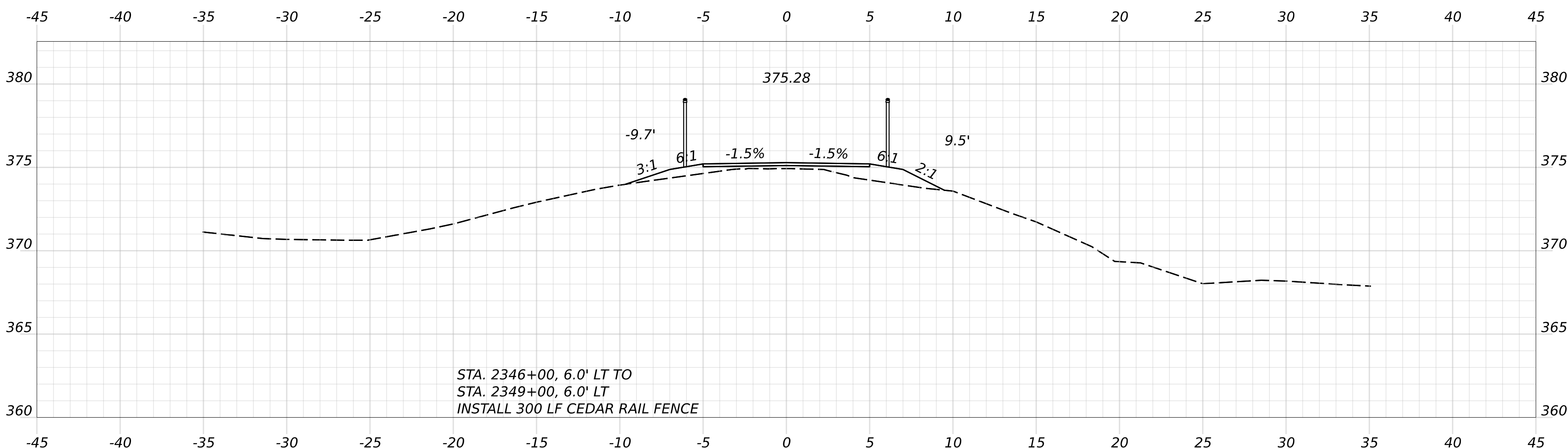
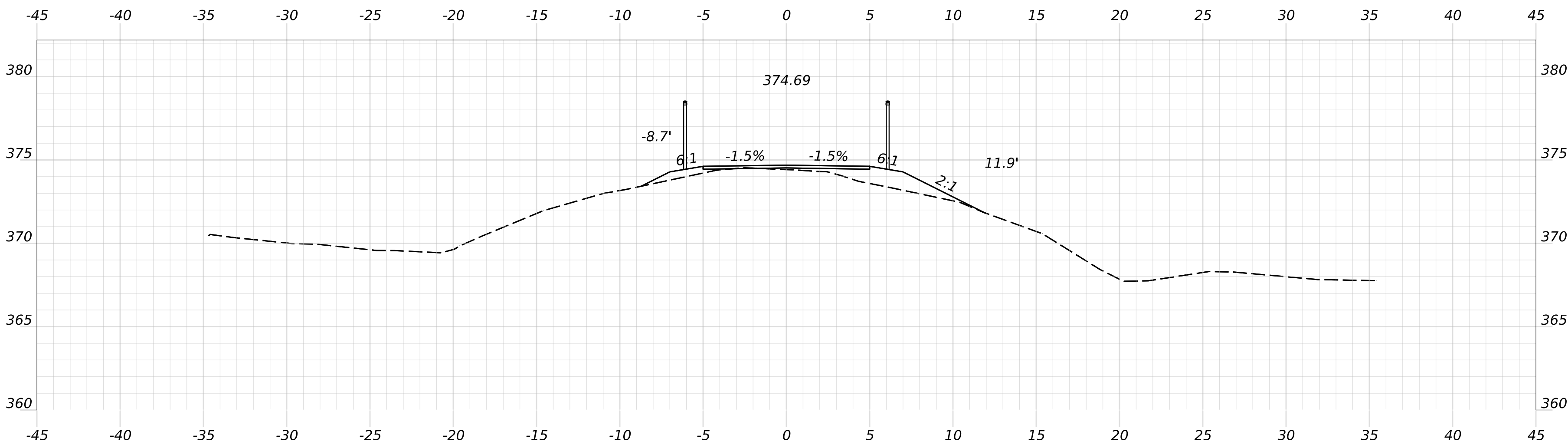
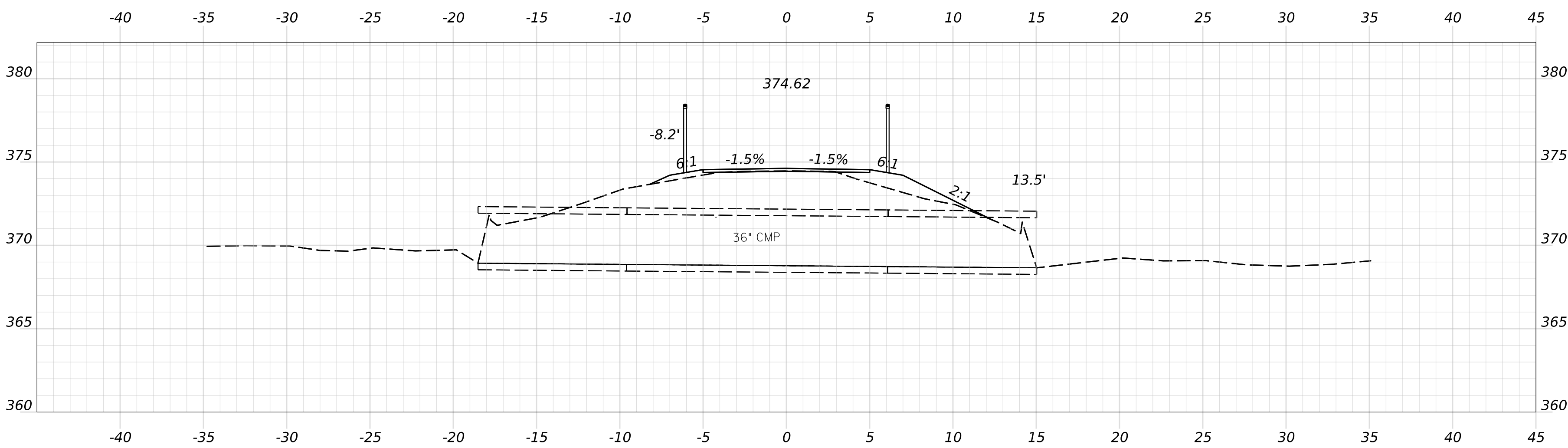
PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26
CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

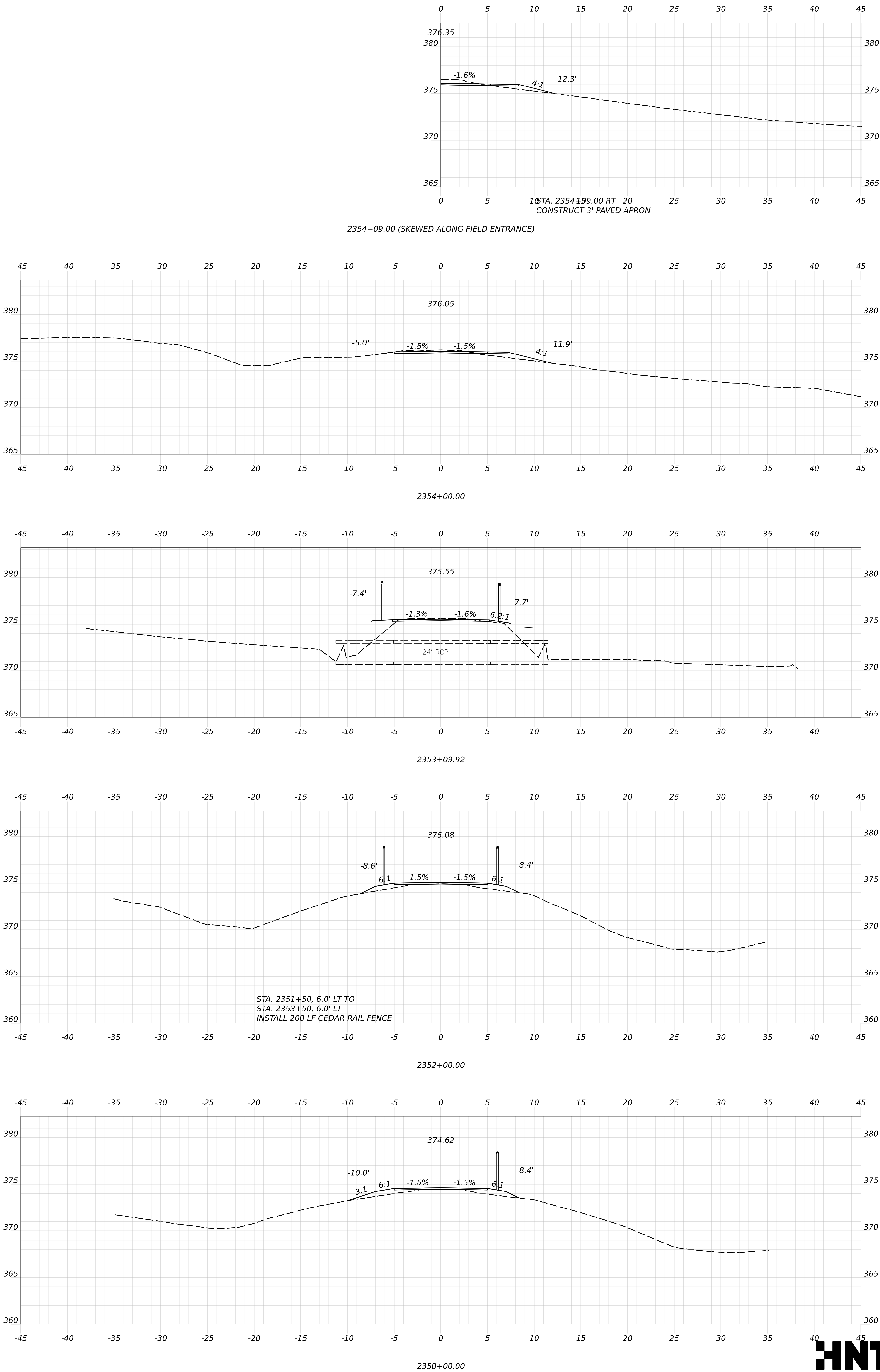
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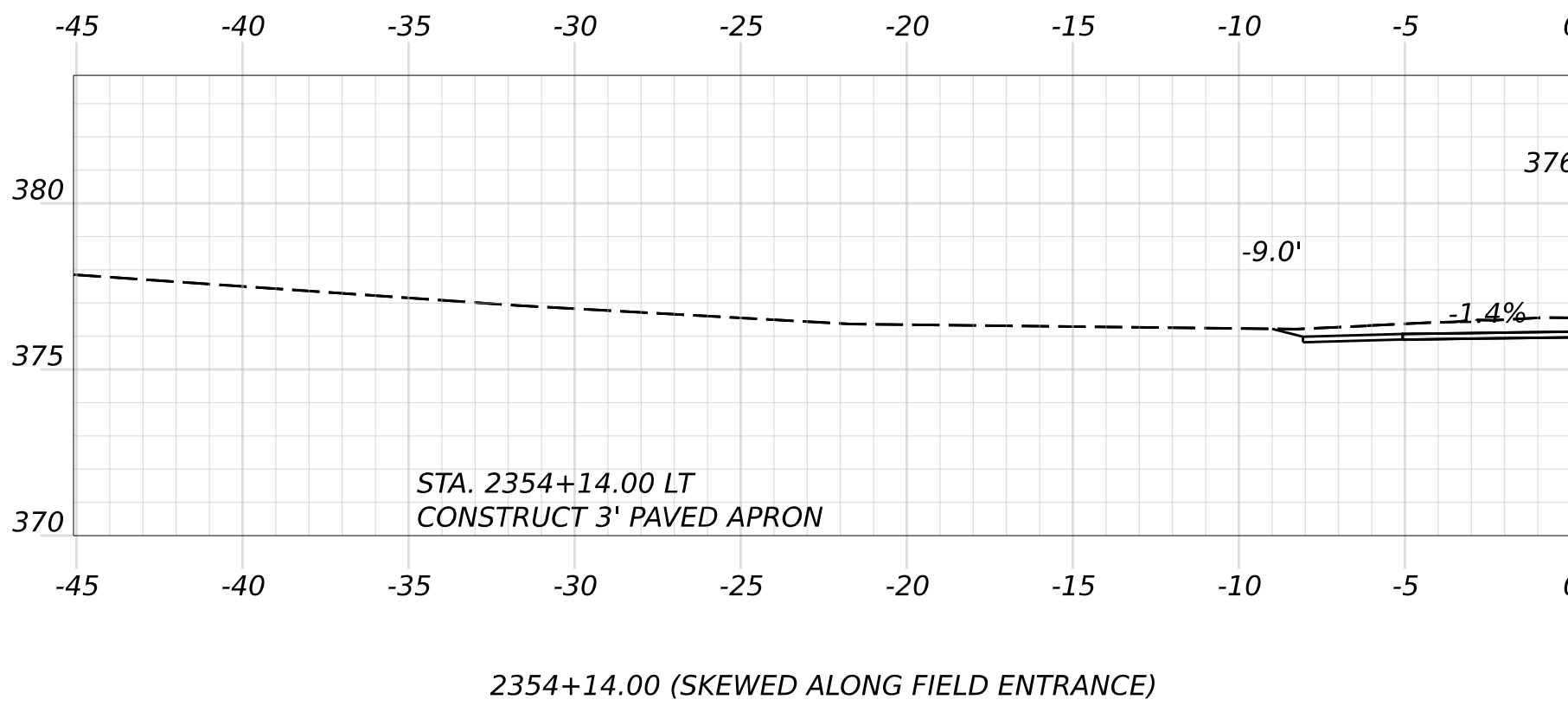
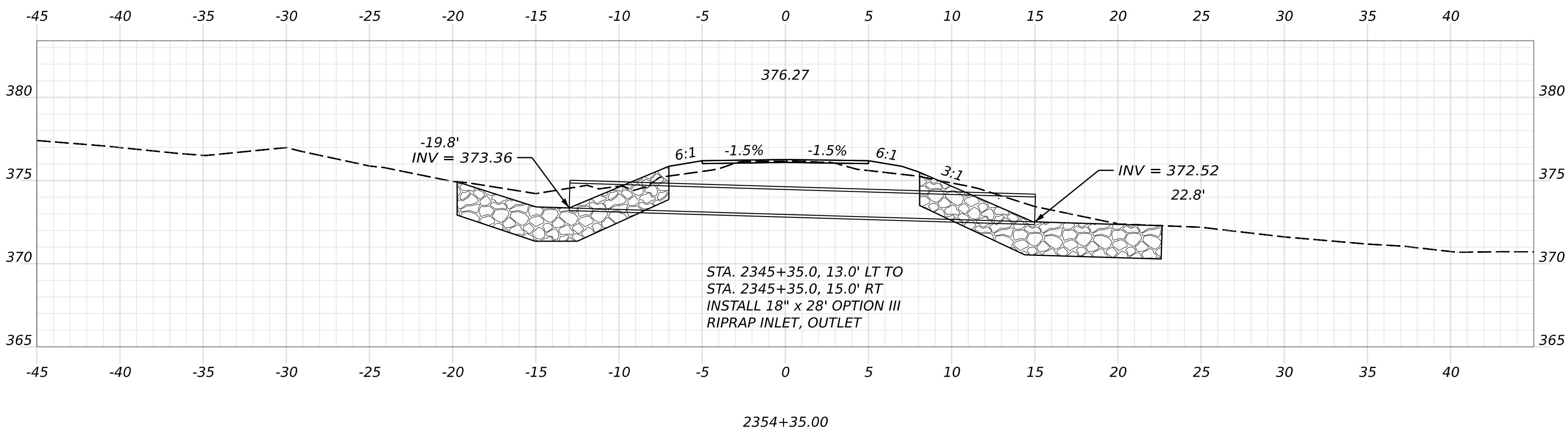
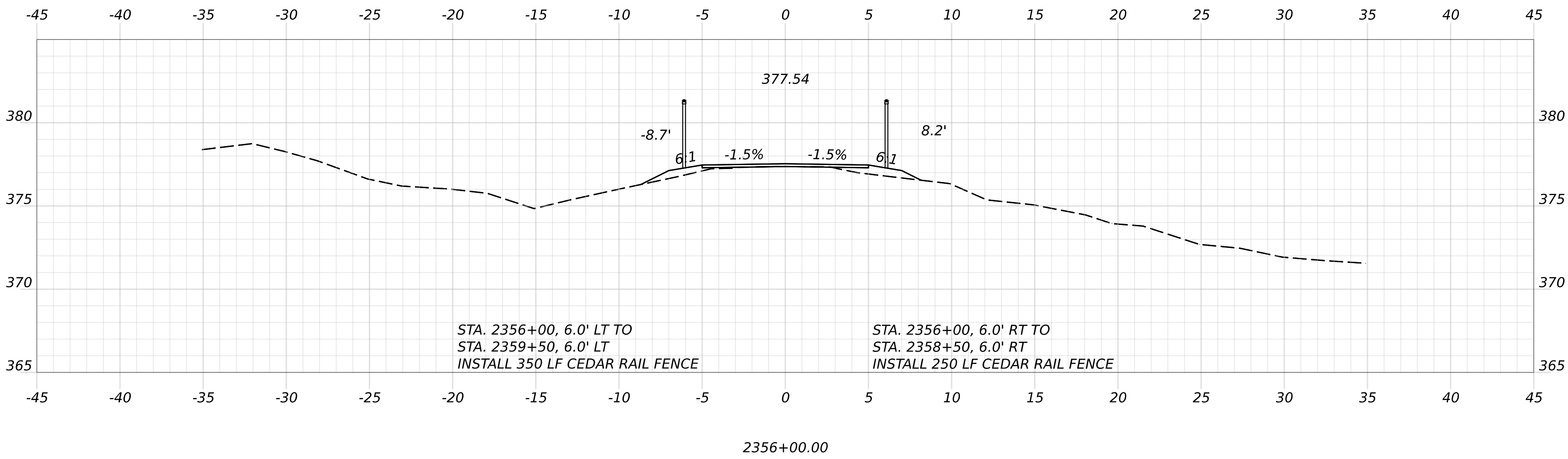
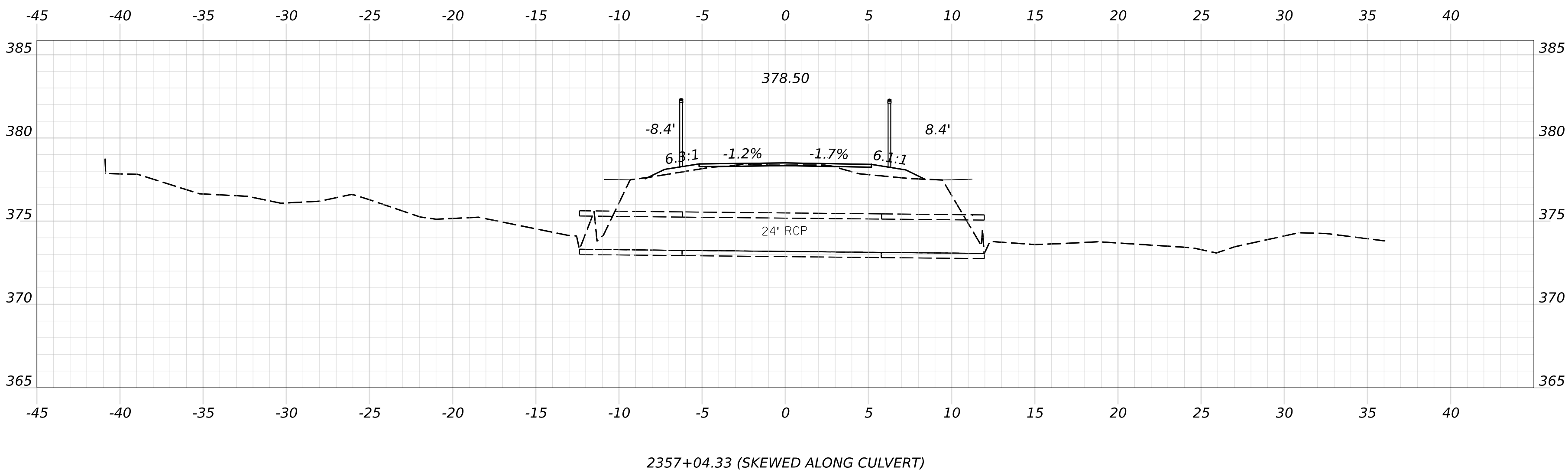
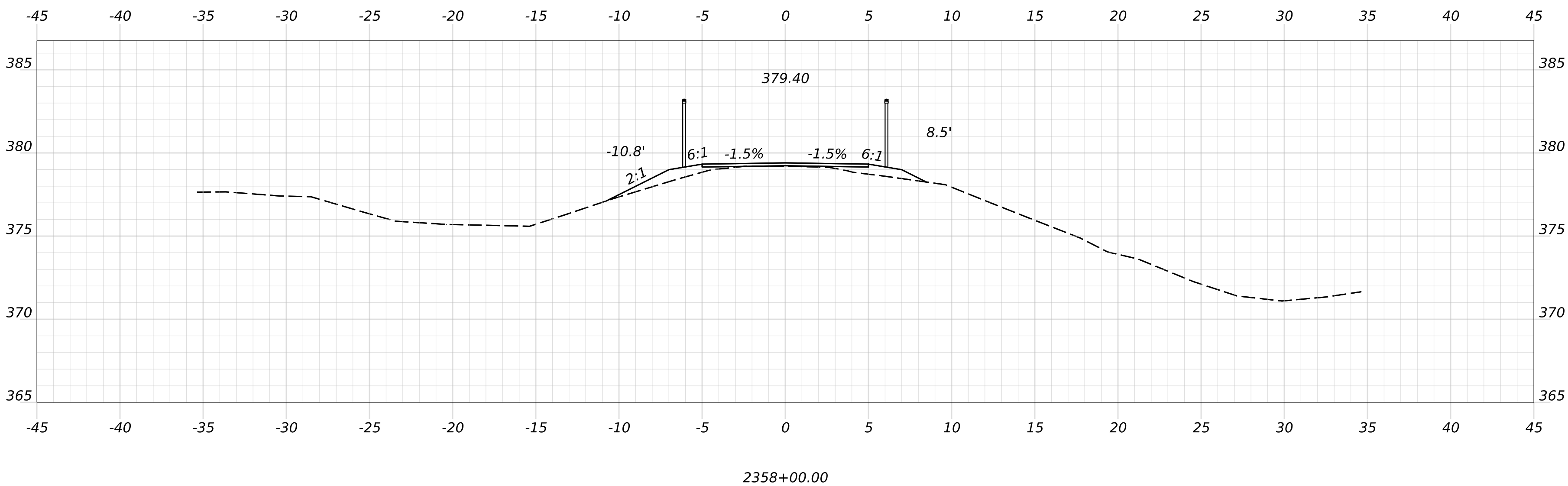
OF 236	SHEET NUMBER	HIRAM, BROWNFIELD, FRYEBURG MOUNTAIN DIVISION TRAIL	PROJ. MANAGER		D. LORING	BY	DATE	SIGNATURE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION
			DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26			
			CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26			
			DESIGN2-DETAILED2						
			DESIGN3-DETAILED3						
		REVISIONS 1				P.E. NUMBER	2685810		
		REVISIONS 2							
		REVISIONS 3							
		REVISIONS 4							
		FIELD CHANGES							
CROSS SECTIONS					DATE	WIN 26858.10	HIGHWAY PLANS		

Filename: Cross Sections_(MDT_Section 8).dgn



OF 236	SHEET NUMBER	HIRAM, BROWNFIELD, FRYEBURG MOUNTAIN DIVISION TRAIL	PROJ. MANAGER D. LORING				BY	DATE	SIGNATURE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
			DESIGN-DETAILED		E. KELSEY	E. KELSEY	09/26	P.E. NUMBER		2685810	
			CHECKED-REVIEWED		C. HELMICK	L. ZACCHINI	09/26				
			DESIGN-DETAILED2								
		DESIGN-DETAILED3					DATE	WIN 26858.10	HIGHWAY PLANS		
		REVISIONS 1									
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		FIELD CHANGES									
CROSS SECTIONS											

Filename: Cross Sections_(MDT_Section 8).dgn

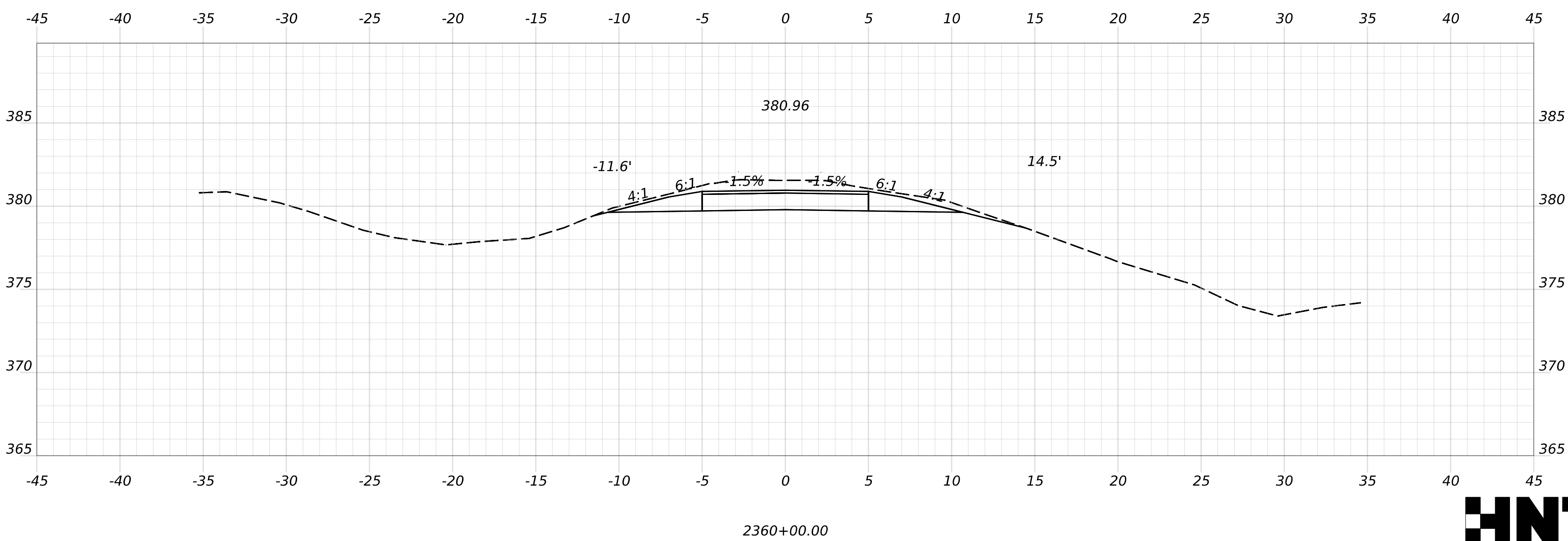
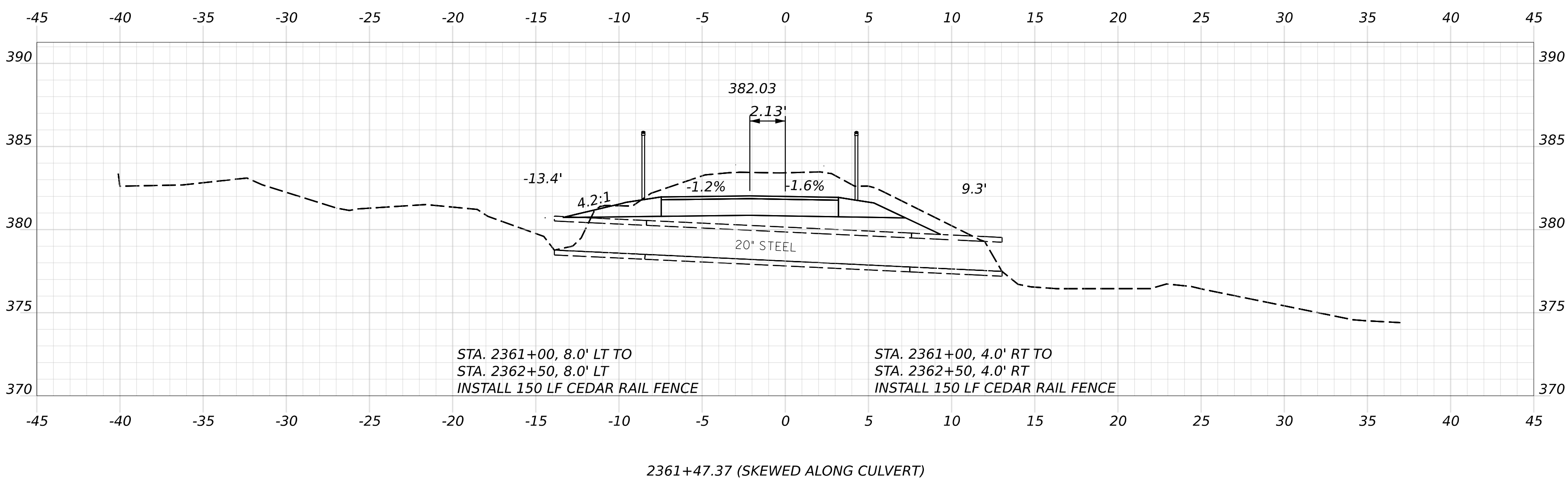
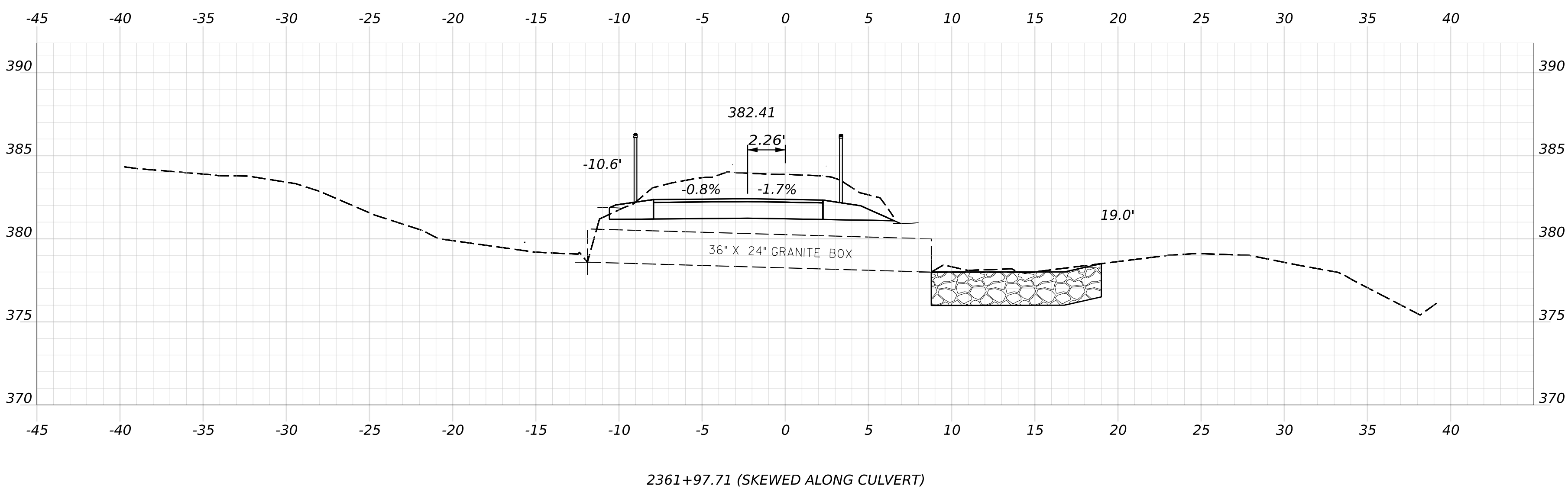
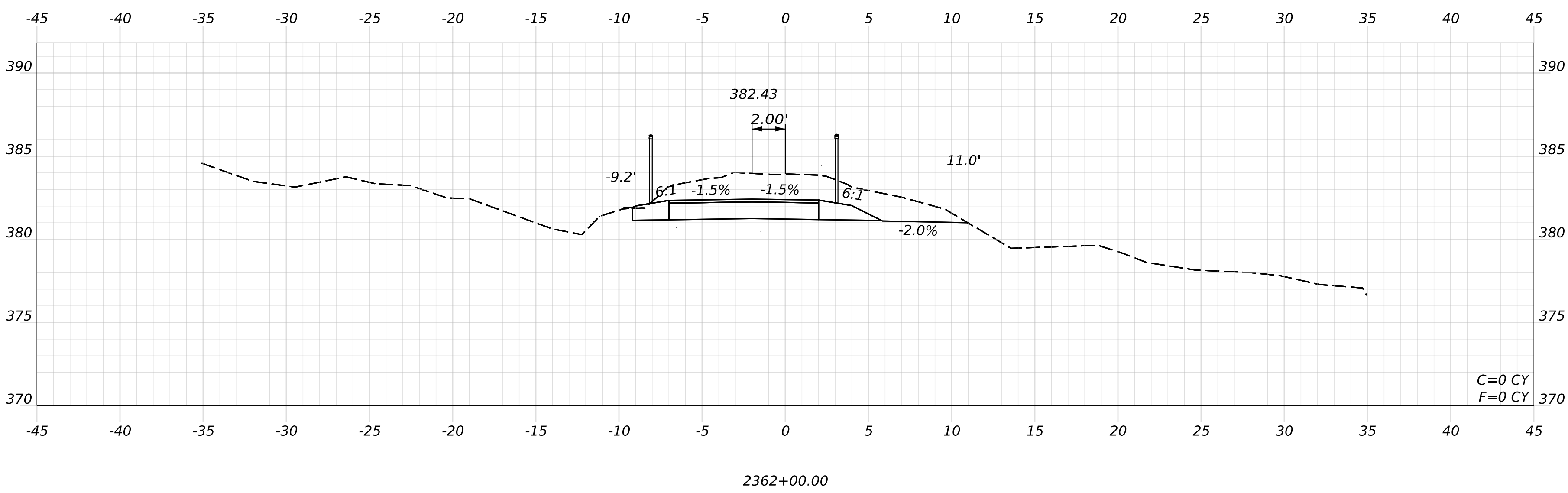


PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26
CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26
DESIGN-DETAILED2			
DESIGN-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
P.E. NUMBER
DATE

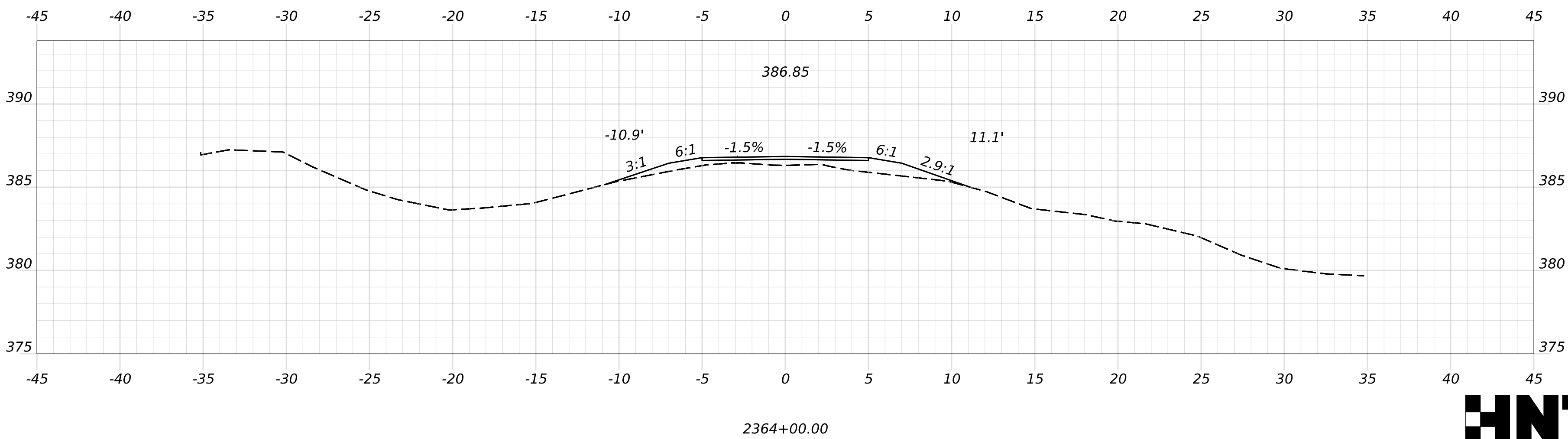
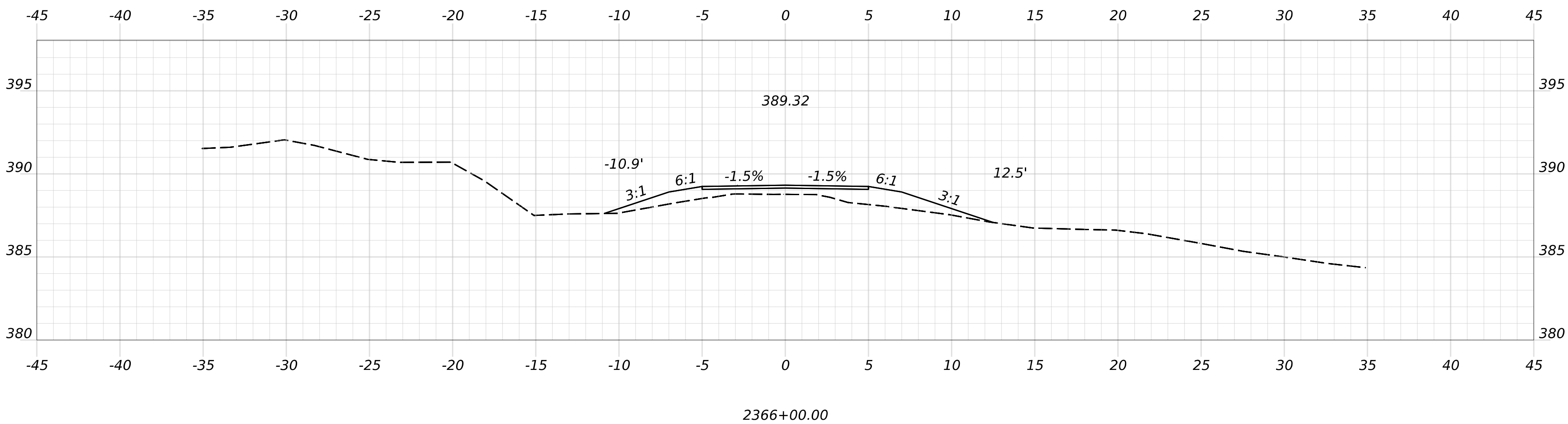
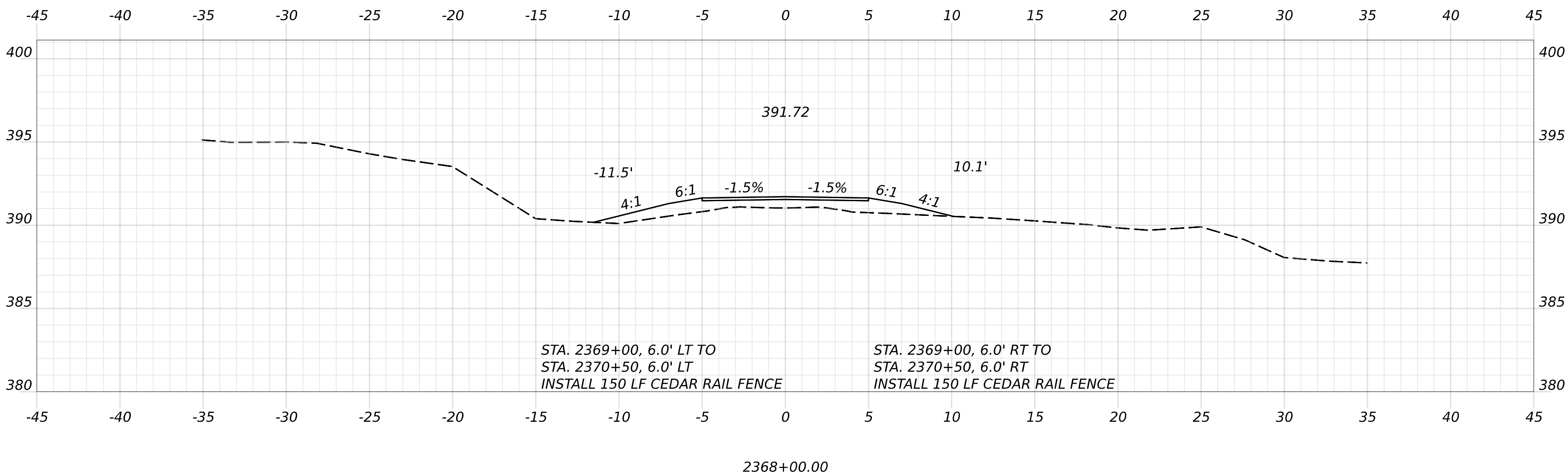
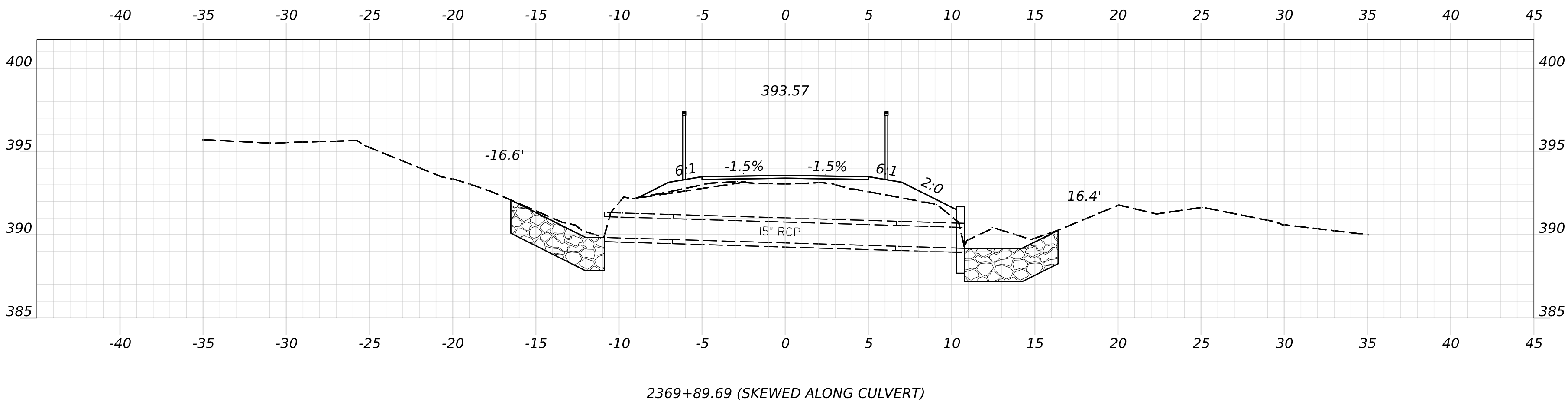
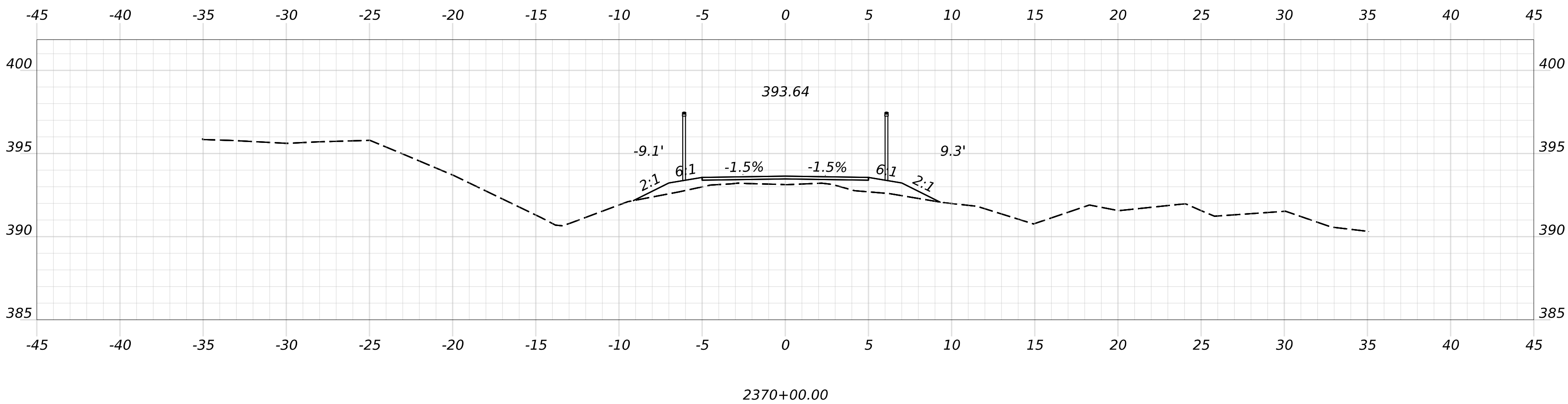
STATE OF MAINE DEPARTMENT OF TRANSPORTATION
2685810
WIN 26858.10
HIGHWAY PLANS

Filename: Cross Sections_(MDT_Section 9).dgn



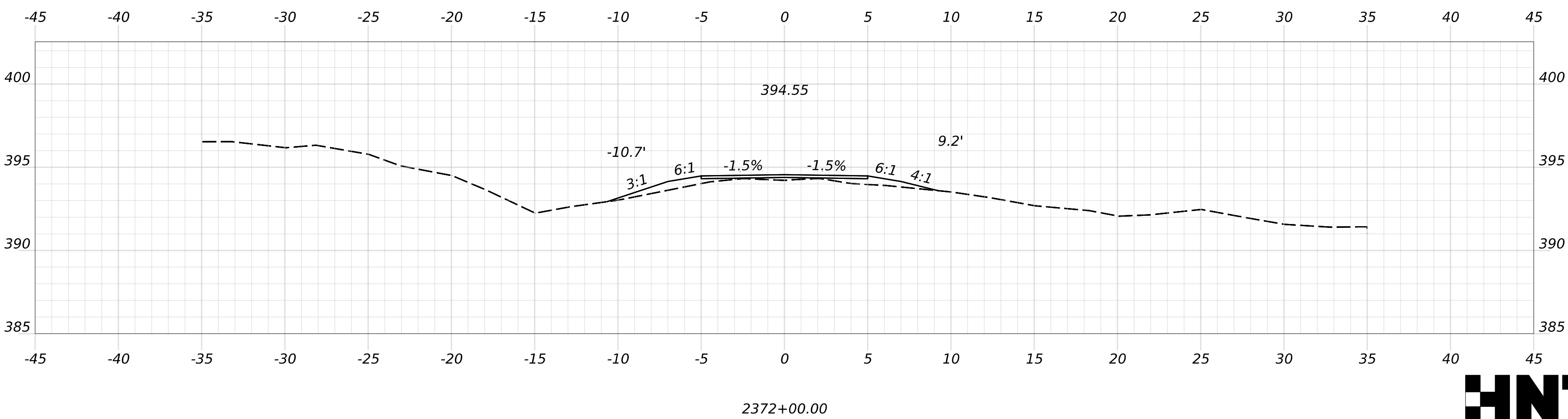
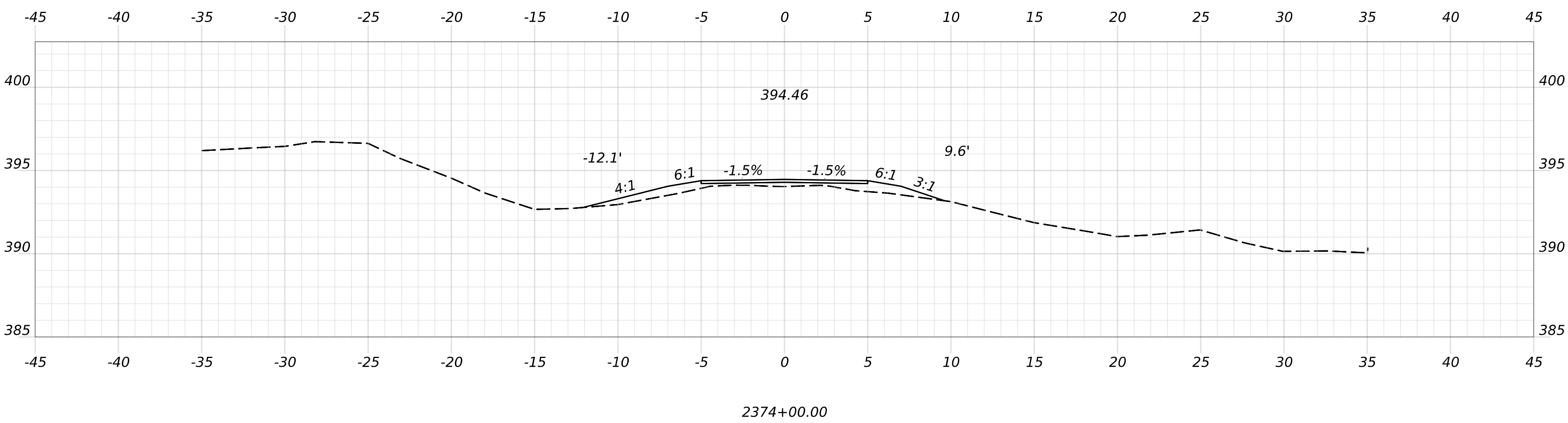
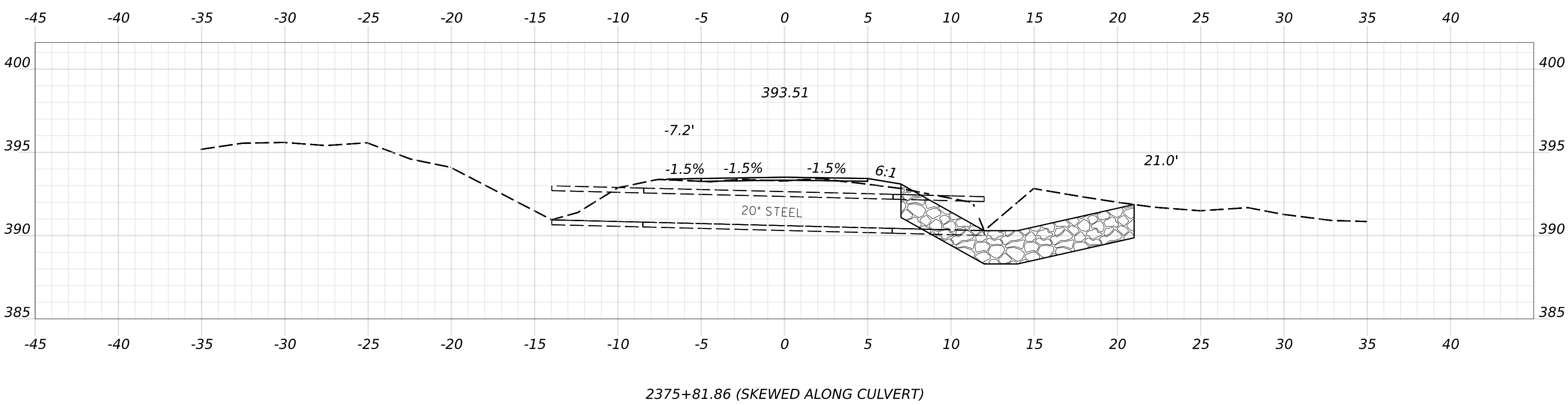
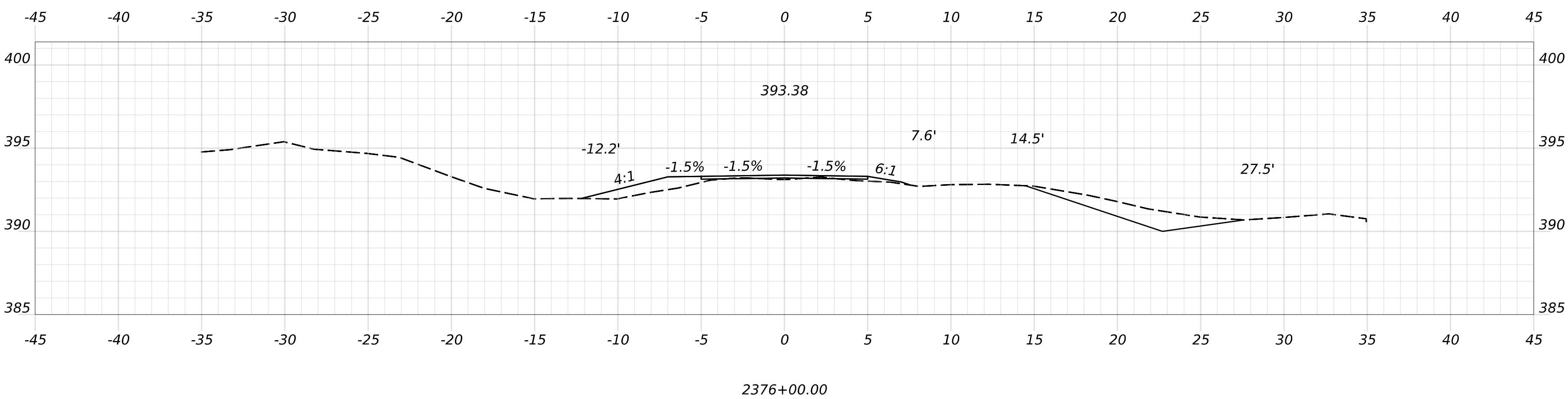
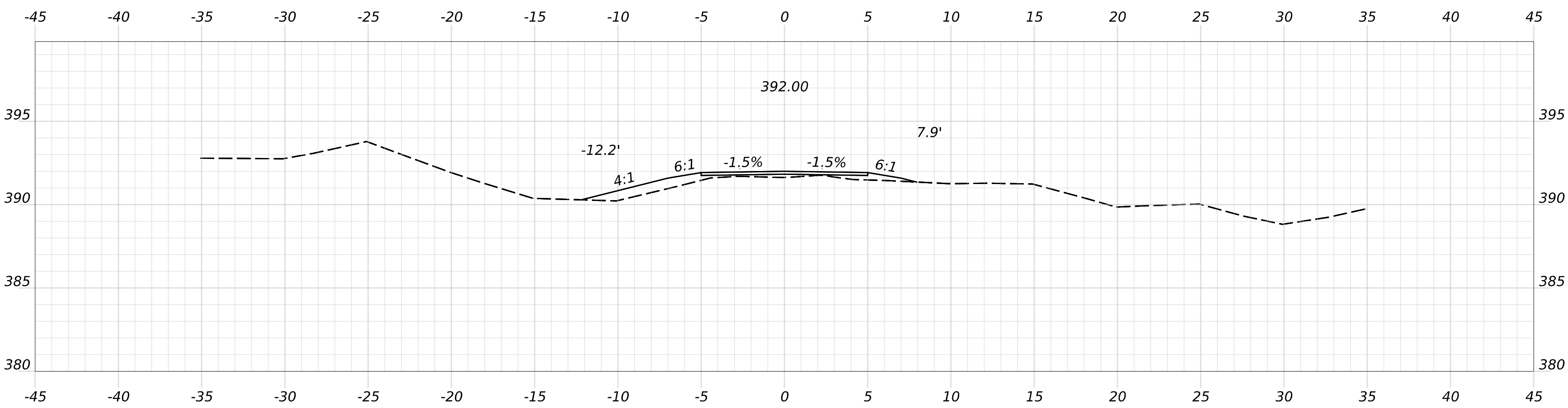
OF 236	SHEET NUMBER	HIRAM, BROWNFIELD, FRYEBURG MOUNTAIN DIVISION TRAIL				PROJ. MANAGER		D. LORING		BY		DATE		SIGNATURE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION				
		CROSS SECTIONS				DESIGN-DETAILED		E. KELSEY		E. KELSEY		09/26			P.E. NUMBER	WIN 26858.10 HIGHWAY PLANS			
						CHECKED-REVIEWED		C. HELMICK		L. ZACCHINI		09/26							
						DESIGN2-DETAILED2													
		DESIGN3-DETAILED3								DATE									
		REVISIONS 1																	
		REVISIONS 2																	
		REVISIONS 3																	
		REVISIONS 4																	
		FIELD CHANGES																	

Filename: Cross Sections_(MDT_Section 9).dgn



OF 236	SHEET NUMBER 179	HIRAM, BROWNFIELD, FRYEBURG MOUNTAIN DIVISION TRAIL				PROJ. MANAGER		D. LORING		BY		DATE		SIGNATURE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION			
		CROSS SECTIONS				DESIGN-DETAILED		E. KELSEY		E. KELSEY		09/26			P.E. NUMBER	2685810		
						CHECKED-REVIEWED		C. HELMICK		L. ZACCHINI		09/26		DATE		WIN 26858.10		
						DESIGN-DETAILED2									HIGHWAY PLANS			
						DESIGN-DETAILED3												
						REVISIONS 1												
						REVISIONS 2												
						REVISIONS 3												
						REVISIONS 4												
						FIELD CHANGES												

Filename: Cross Sections_(MDT_Section 9).dgn



OF 236

SHEET NUMBER

180

HIRAM, BROWNFIELD, FRYEBURG
MOUNTAIN DIVISION TRAIL

CROSS SECTIONS

PROJ. MANAGER	D. LORING	BY		DATE	
DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26		
CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26		SIGNATURE
DESIGN2-DETAILED2					
DESIGN3-DETAILED3					P.E. NUMBER
REVISIONS 1					
REVISIONS 2					
REVISIONS 3					DATE
REVISIONS 4					
FIELD CHANGES					

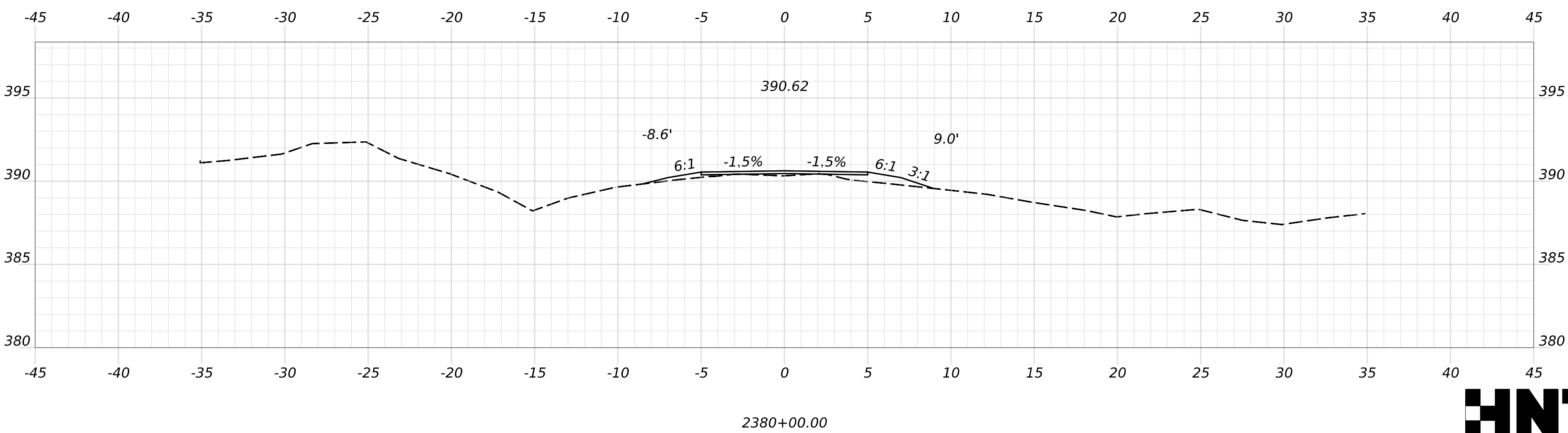
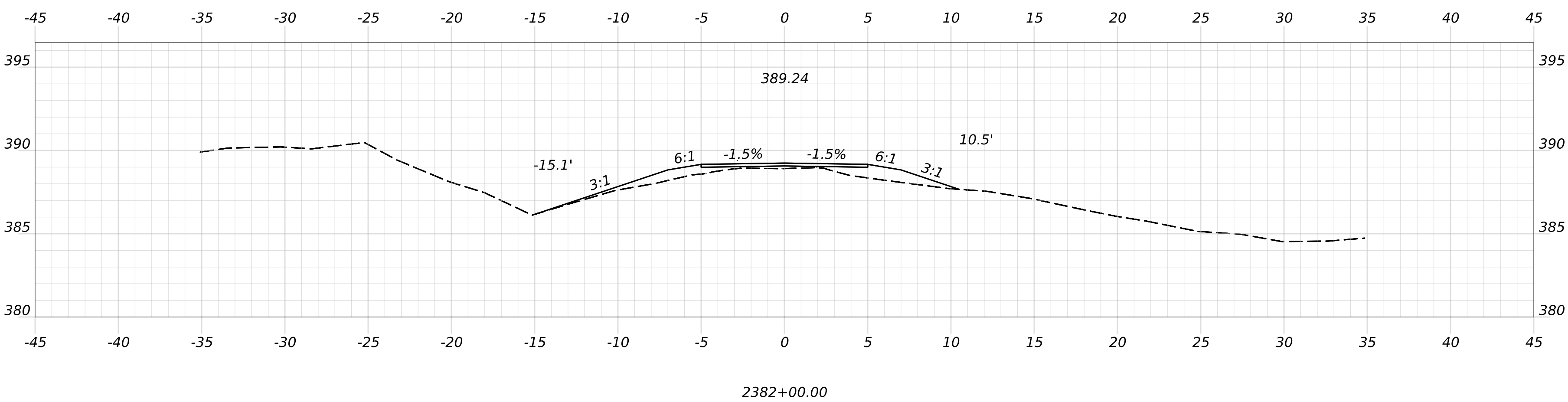
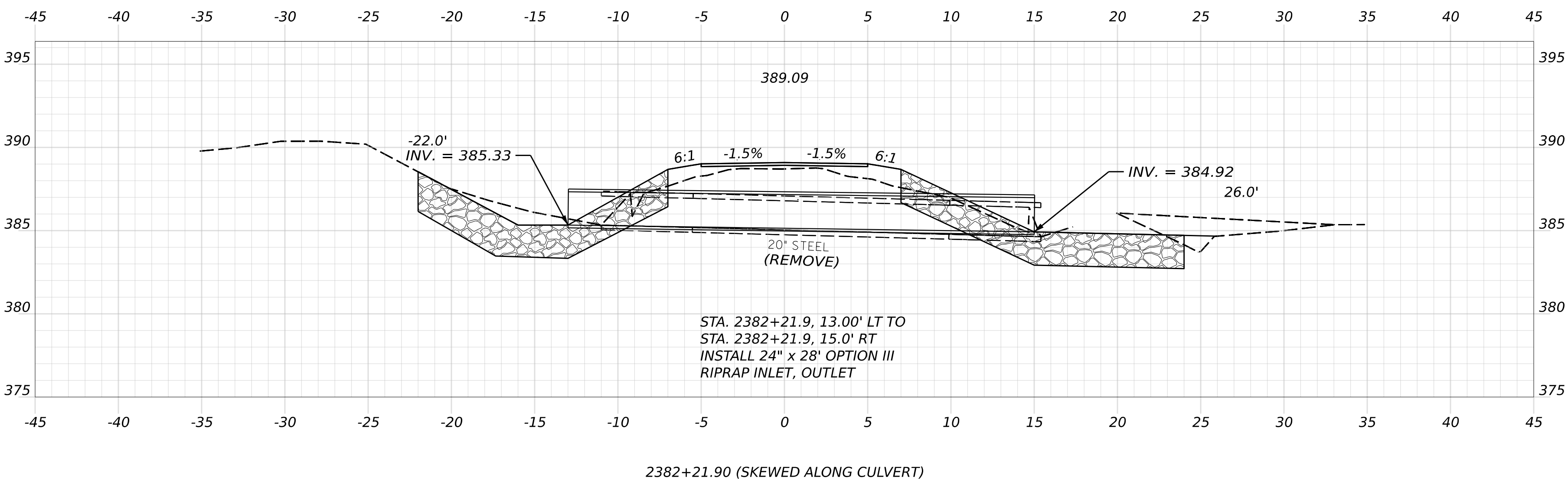
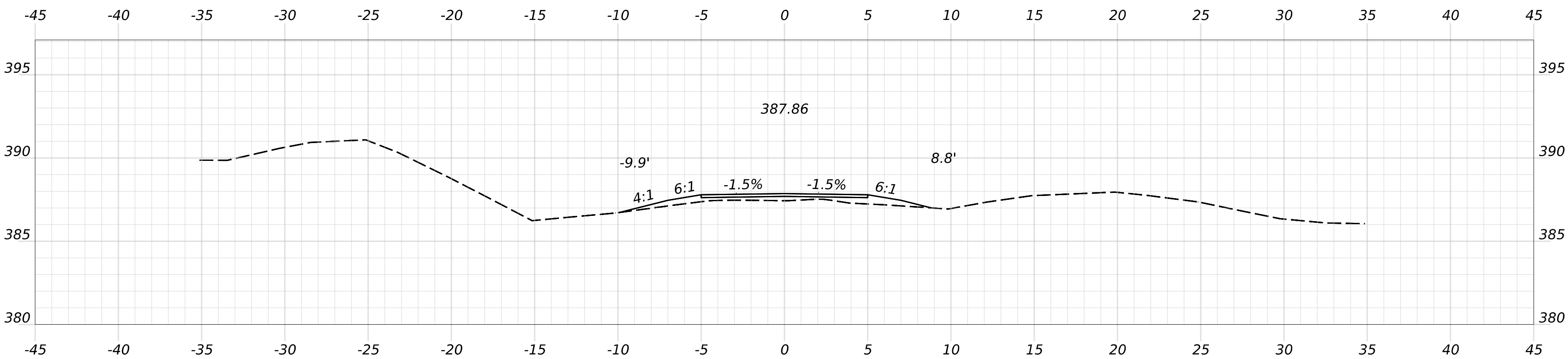
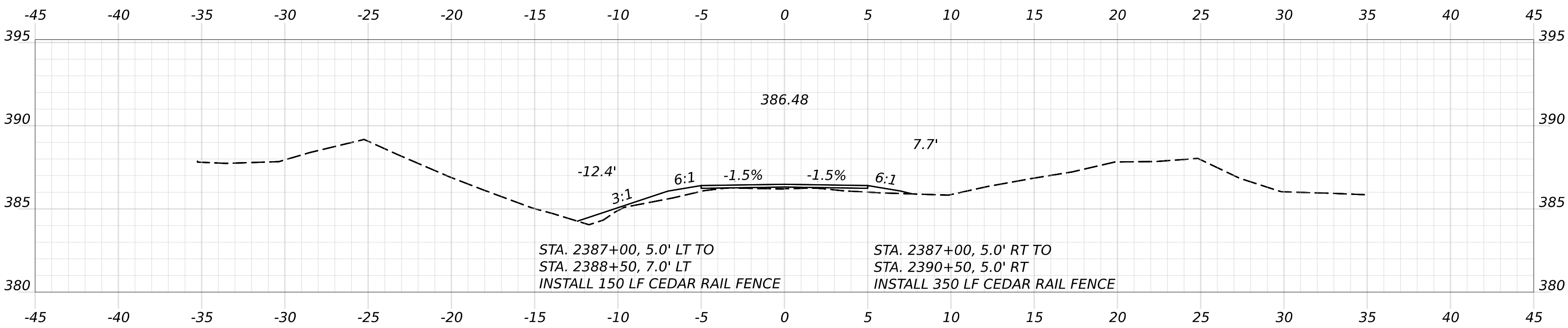
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

2685810

WIN
26858.10

HIGHWAY PLANS

Filename: Cross Sections_(MDT_Section 9).dgn

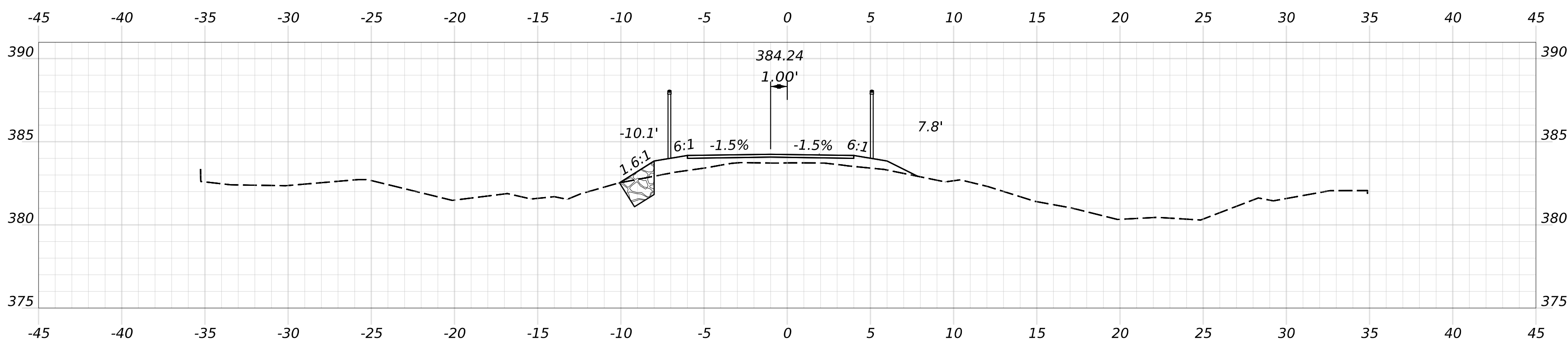


PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26
CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

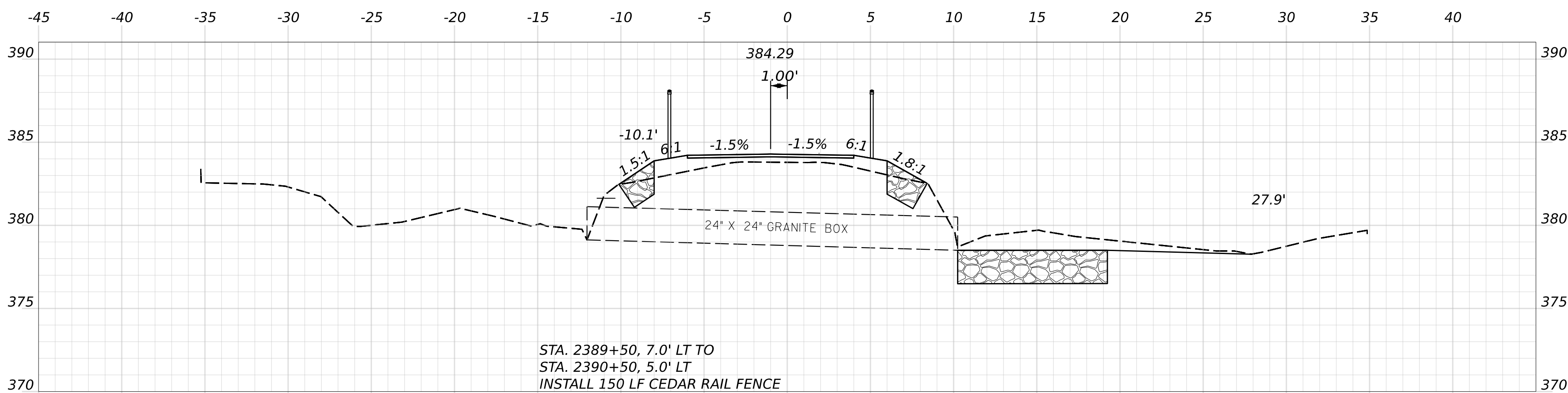
SIGNATURE
P.E. NUMBER
DATE

STATE OF MAINE DEPARTMENT OF TRANSPORTATION
2685810
WIN 26858.10
HIGHWAY PLANS

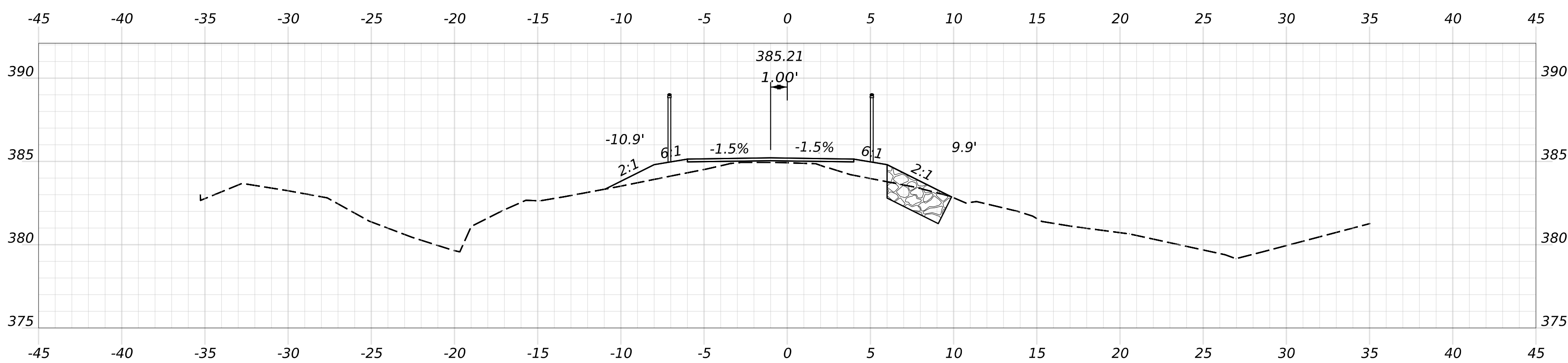
2392+00.00



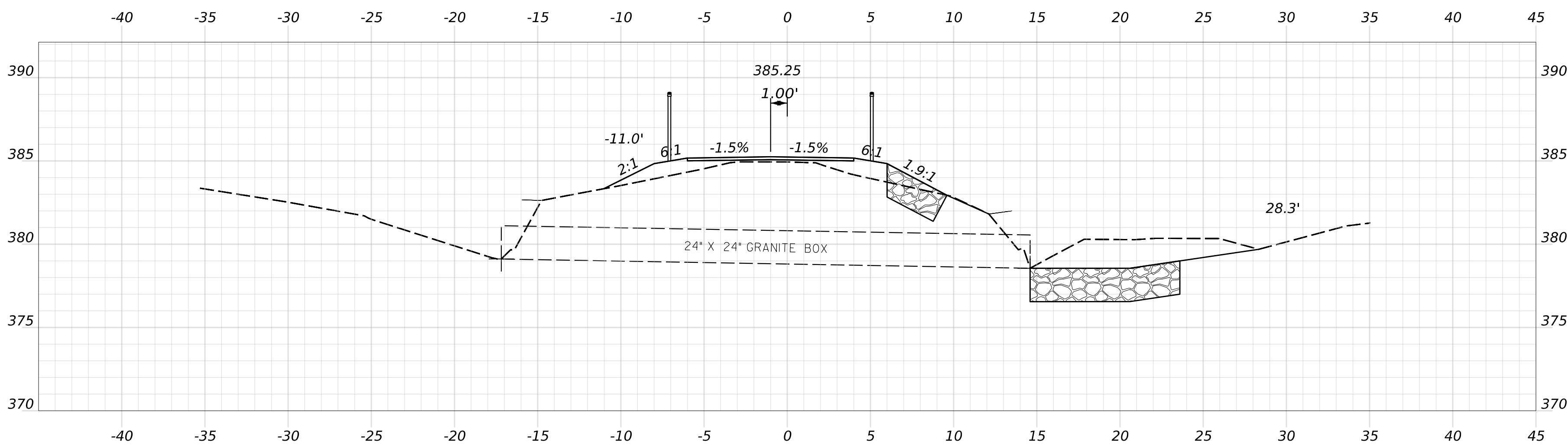
2390+00.00



2389+87.82 (SKEWED ALONG CULVERT)



2388+00.00

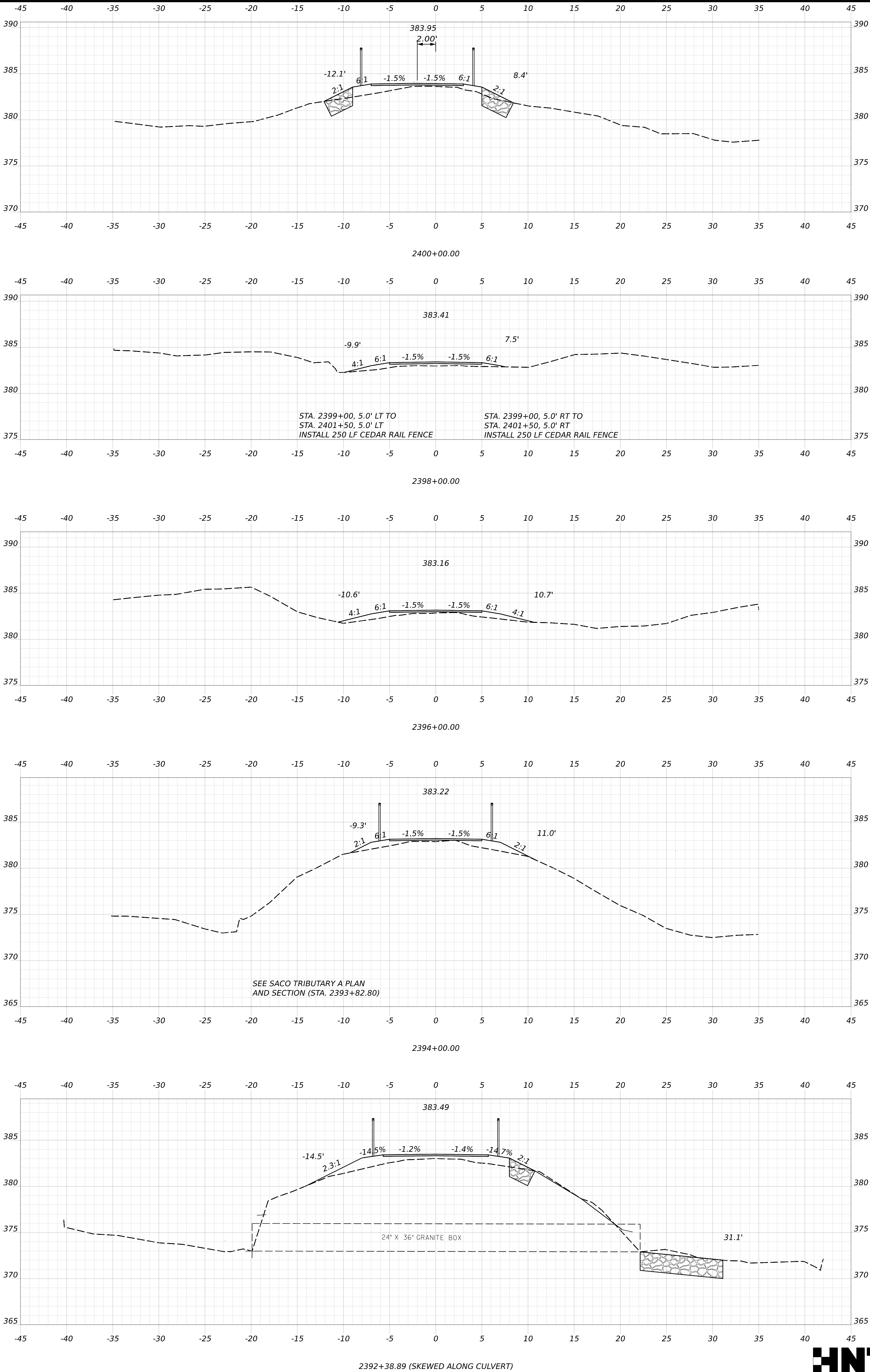


2387+94.03 (SKEWED ALONG CULVERT)

HNTB

OF 236	182	SHEET NUMBER	HIRAM, BROWNFIELD, FRYEBURG MOUNTAIN DIVISION TRAIL	PROJ. MANAGER D. LORING				BY	DATE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
				DESIGN-DETAILED				E. KELSEY	E. KELSEY		09/26
				CHIEF-REVIEWED				C. HELMICK	L. ZACCHINI		09/26
				DESIGN2-DETAILED2							
				DESIGN3-DETAILED3							
				REVISIONS 1							
				REVISIONS 2							
				REVISIONS 3							
				REVISIONS 4							
				FIELD CHANGES							
CROSS SECTIONS								P.E. NUMBER			
								DATE			
								WIN 26858.10		HIGHWAY PLANS	

Filename: Cross Sections_(MDT_Section 9).dgn

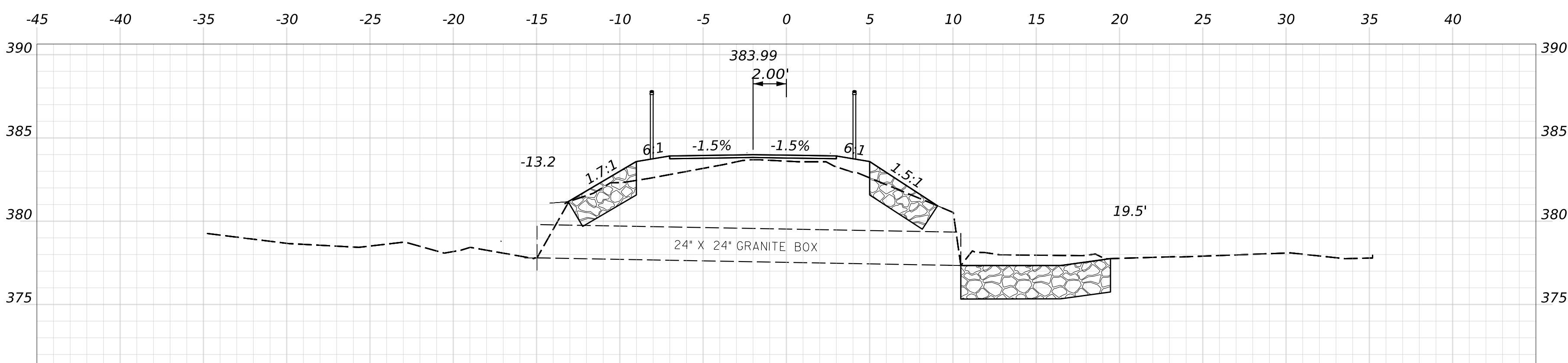
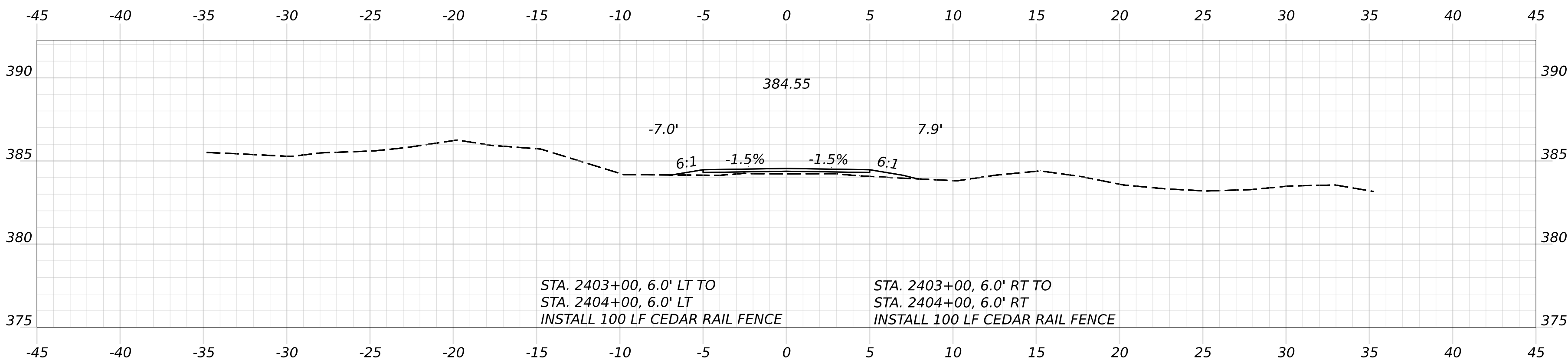
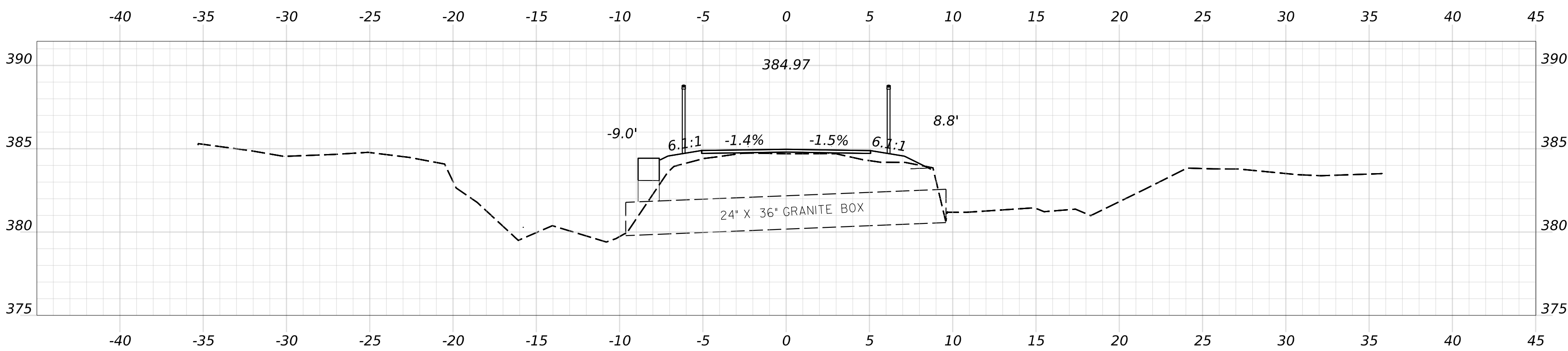
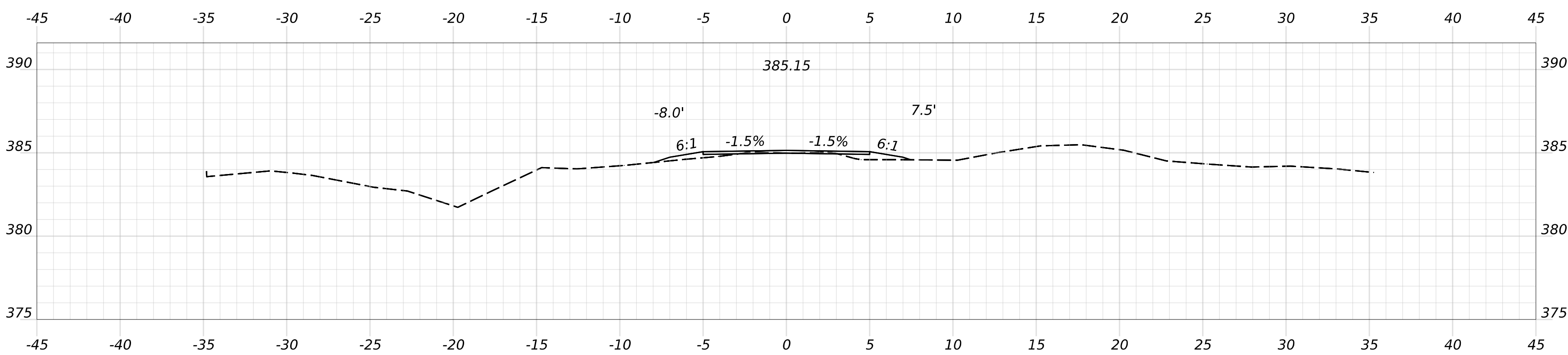
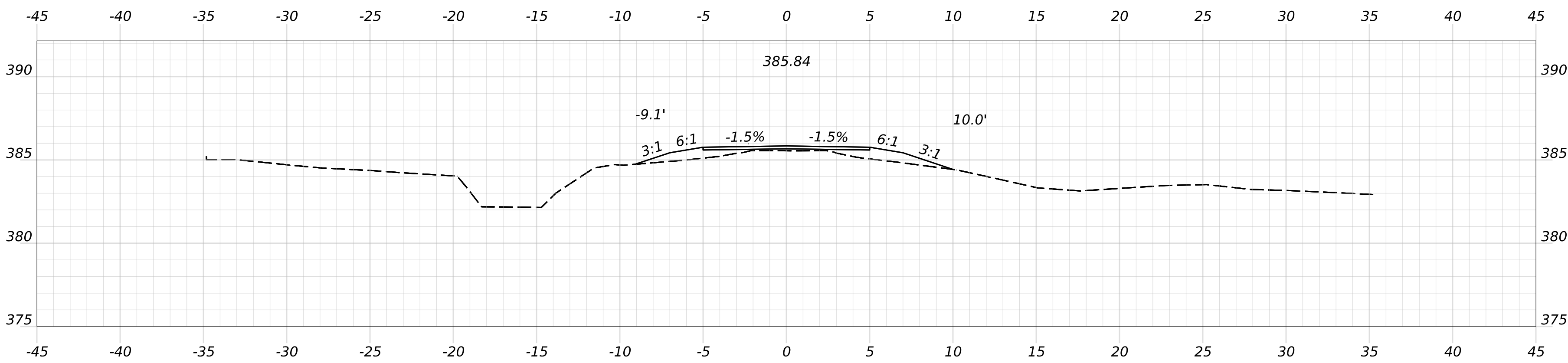


PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26
CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26
DESIGN-DETAILED2			
DESIGN-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
P.E. NUMBER
DATE

STATE OF MAINE DEPARTMENT OF TRANSPORTATION
2685810
WIN 26858.10
HIGHWAY PLANS

Filename: Cross Sections_(MDT_Section 9).dgn

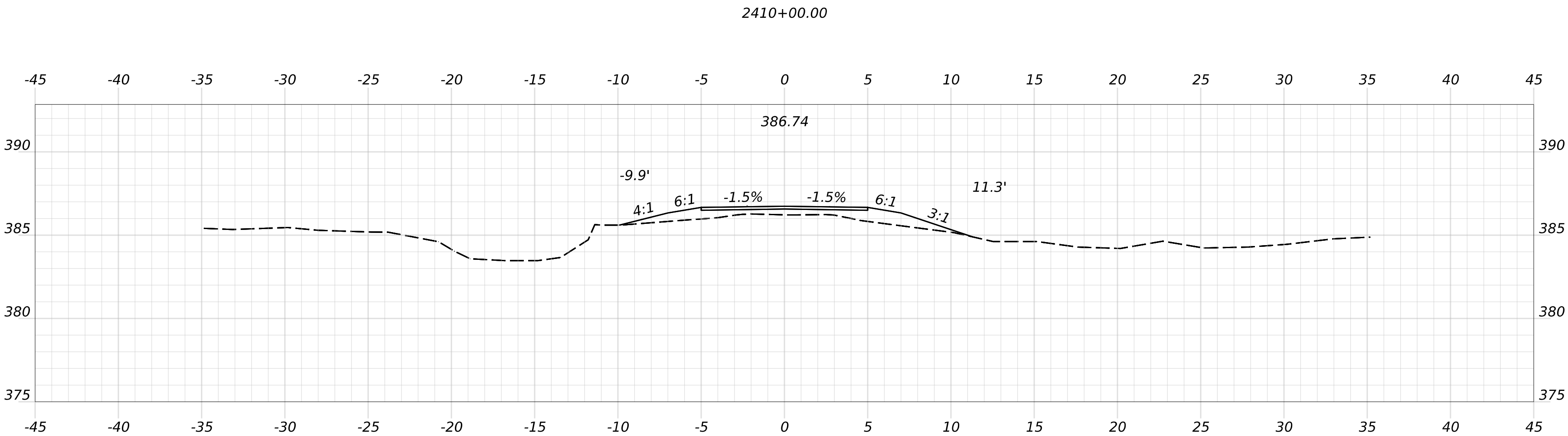
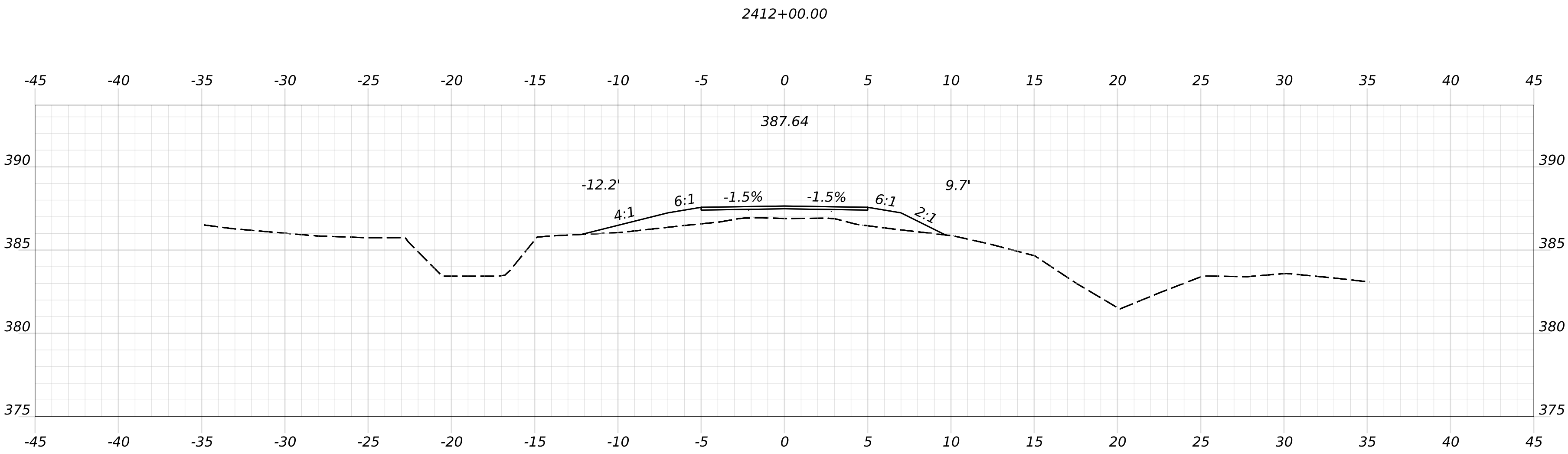
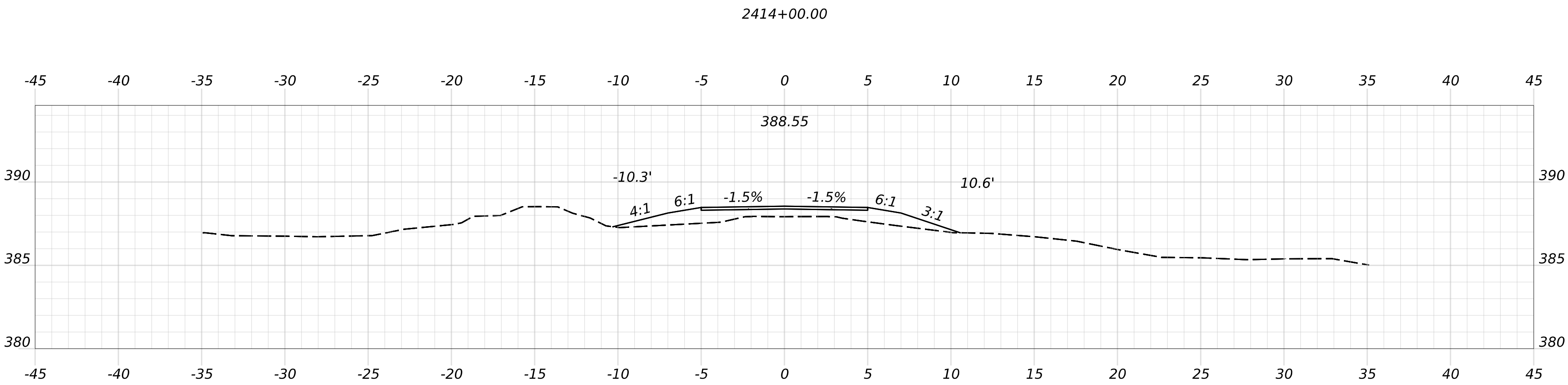
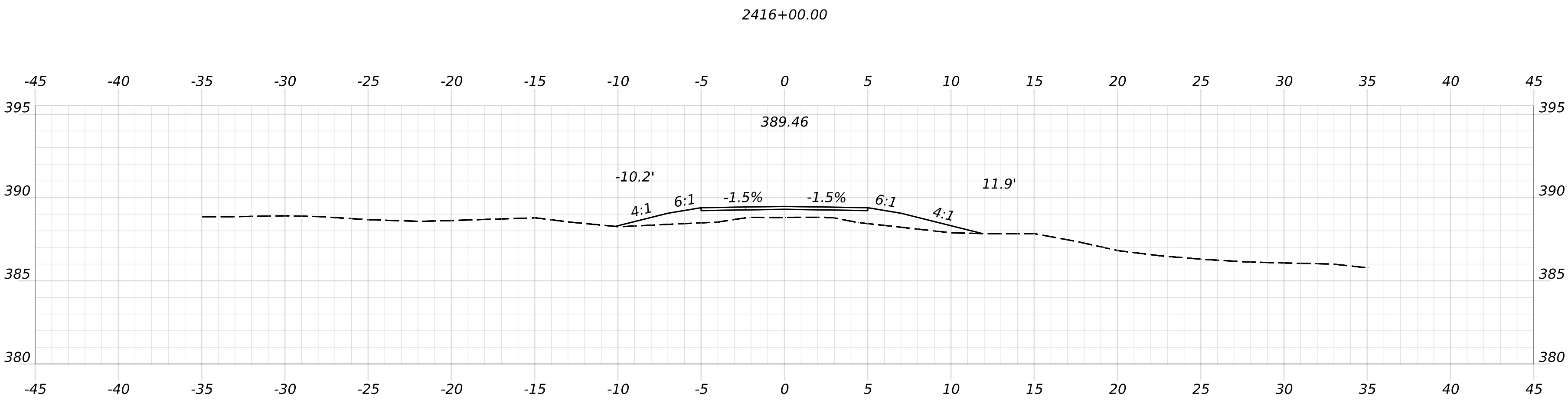
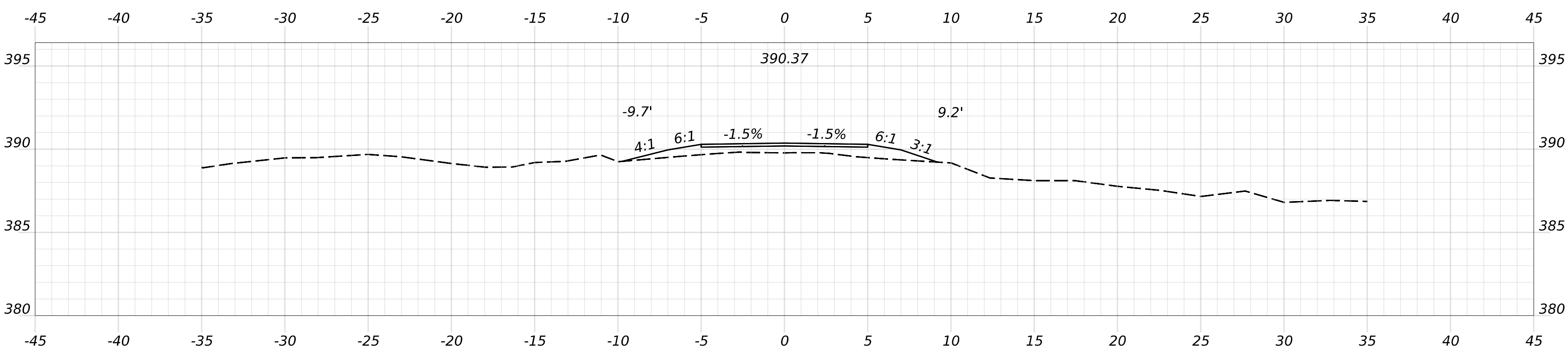


PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26
CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26
DESIGN-DETAILED2			
DESIGN-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
P.E. NUMBER
DATE

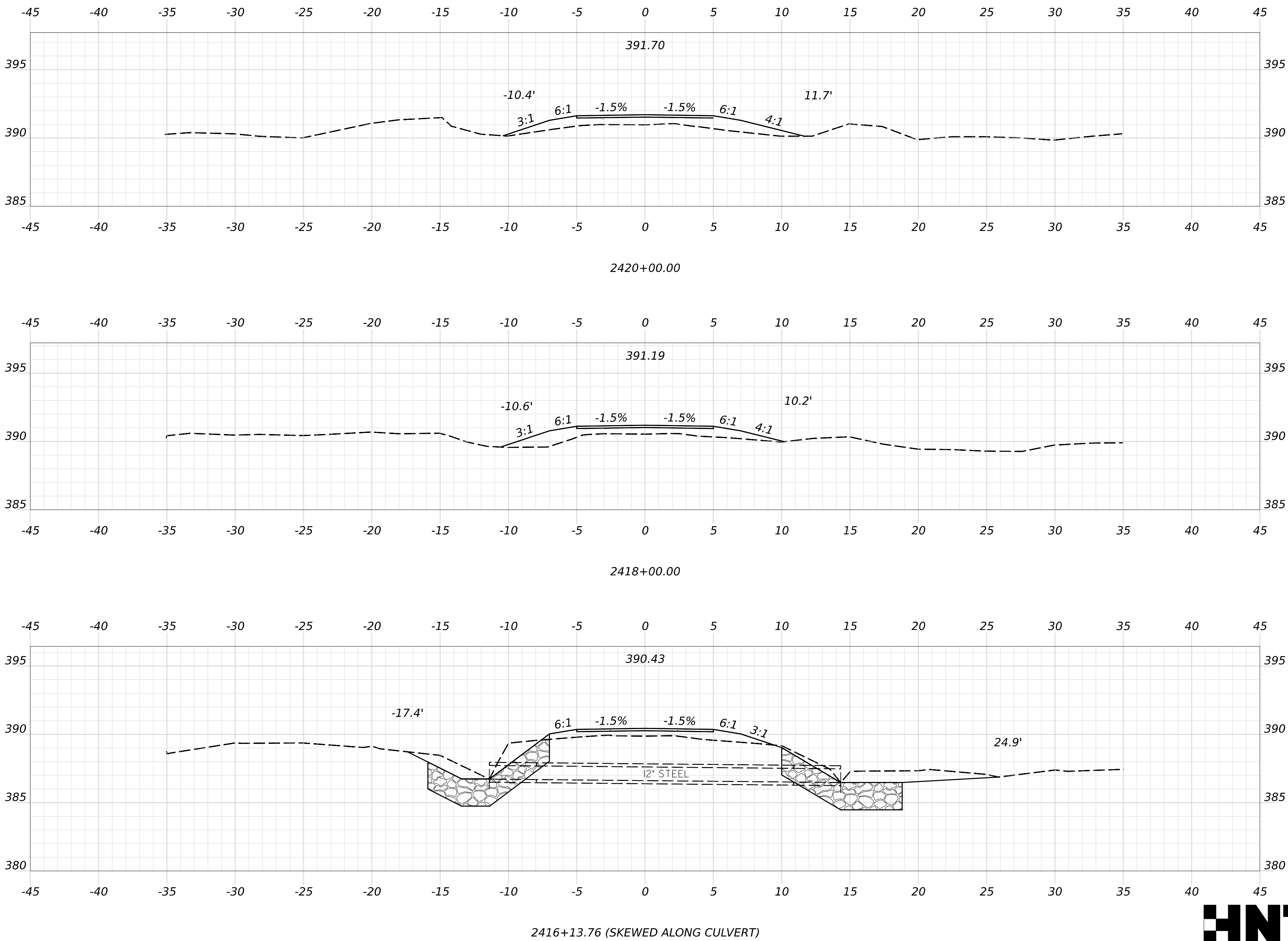
STATE OF MAINE DEPARTMENT OF TRANSPORTATION
2685810
WIN 26858.10
HIGHWAY PLANS

Filename: Cross Sections_(MDT_Section 9).dgn



OF 236	SHEET NUMBER	HIRAM, BROWNFIELD, FRYEBURG MOUNTAIN DIVISION TRAIL	PROJ. MANAGER D. LORING BY DATE				SIGNATURE	STATE OF MAINE		
			DESIGN-DETAILED		E. KELSEY	E. KELSEY		09/26	DEPARTMENT OF TRANSPORTATION	
			CHECKED-REVIEWED		C. HELMICK	L. ZACCHINI		09/26		
			DESIGN-DETAILED2							
		DESIGN-DETAILED3					P.E. NUMBER	2685810		
		REVISIONS 1					DATE	WIN		
		REVISIONS 2						26858.10		
		REVISIONS 3						HIGHWAY PLANS		
		REVISIONS 4								
		FIELD CHANGES								

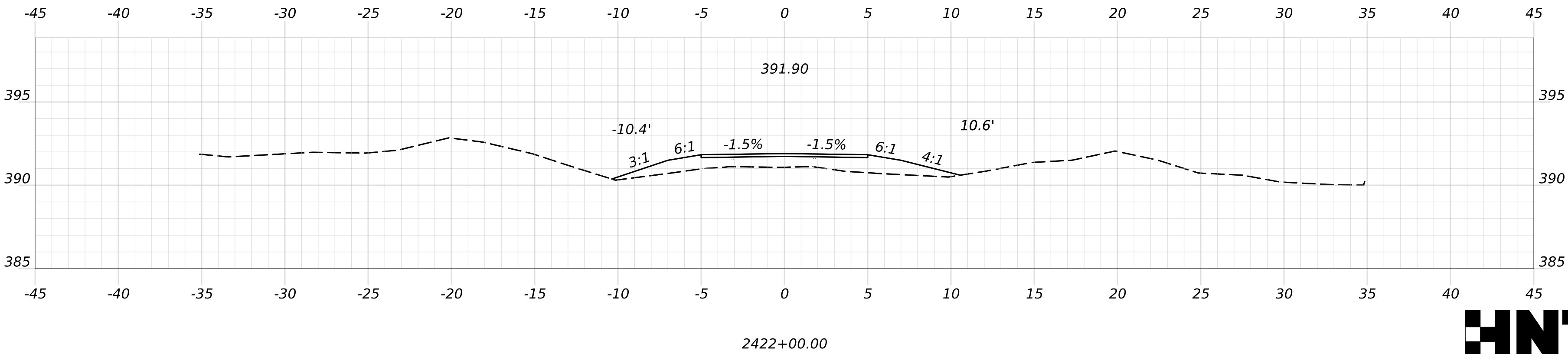
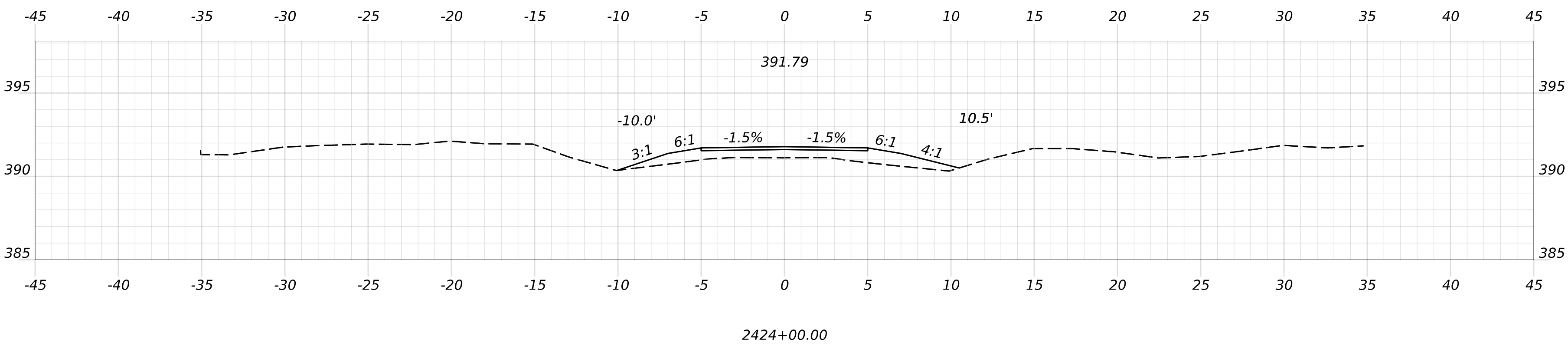
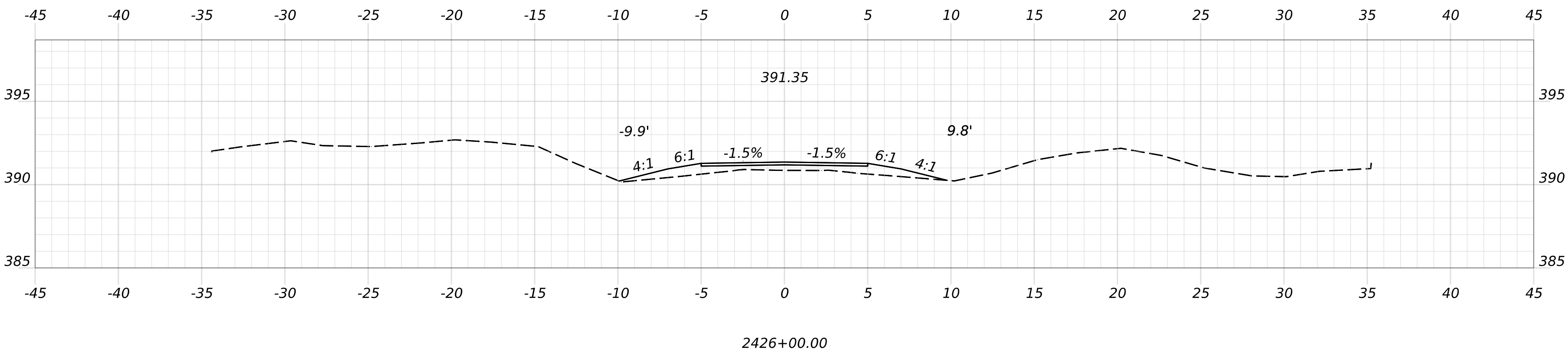
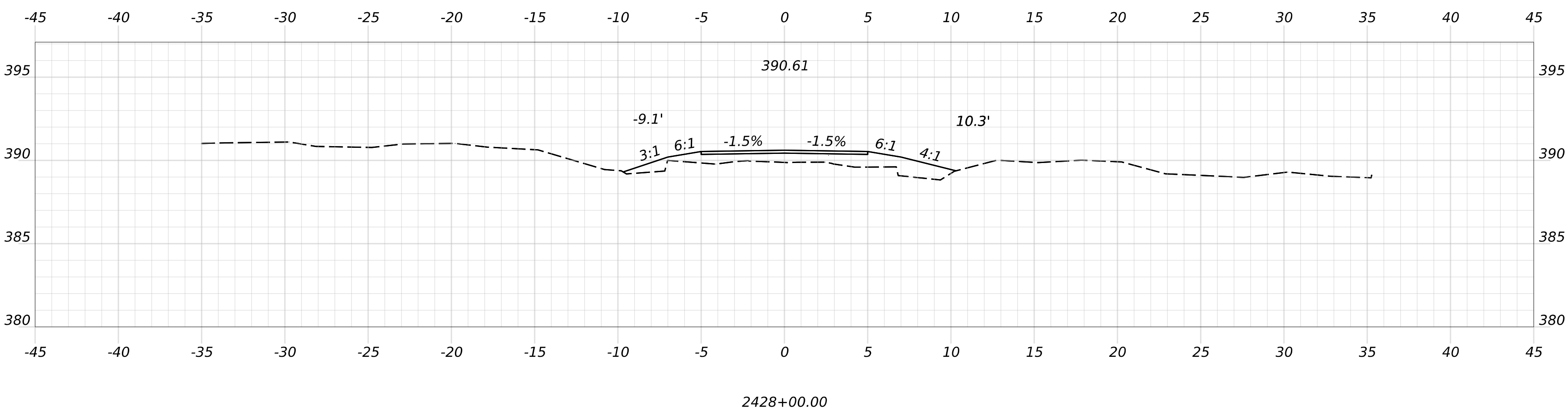
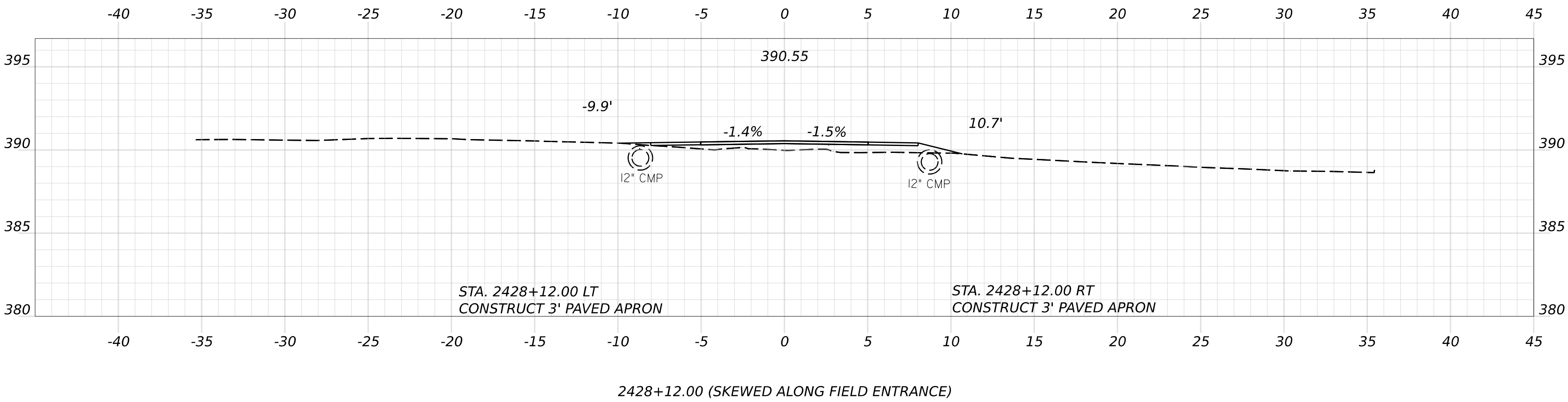
Filename: Cross Sections_(MDT_Section 9).dgn



OF 236	SHEET NUMBER	HIRAM, BROWNFIELD, FRYEBURG MOUNTAIN DIVISION TRAIL	PROJ. MANAGER	D. LORING	BY	DATE	SIGNATURE
			DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26	
			CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26	
			DESIGN2-DETAILED2				
			DESIGN3-DETAILED3				
		CROSS SECTIONS	REVISIONS 1				P.E. NUMBER
			REVISIONS 2				
			REVISIONS 3				
			REVISIONS 4				DATE
			FIELD CHANGES				

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
2685810	
WIN 26858.10	HIGHWAY PLANS

Filename: Cross Sections_(MDT_Section_10_11).dgn



OF 236

187

SHEET NUMBER

HIRAM, BROWNFIELD, FRYEBURG
MOUNTAIN DIVISION TRAIL

CROSS SECTIONS

PROJ. MANAGER	D. LORING	BY	DATE	SIGNATURE
DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26	
CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26	
DESIGN-DETAILED2				
DESIGN-DETAILED3				P.E. NUMBER
REVISIONS 1				DATE
REVISIONS 2				
REVISIONS 3				
REVISIONS 4				
FIELD CHANGES				

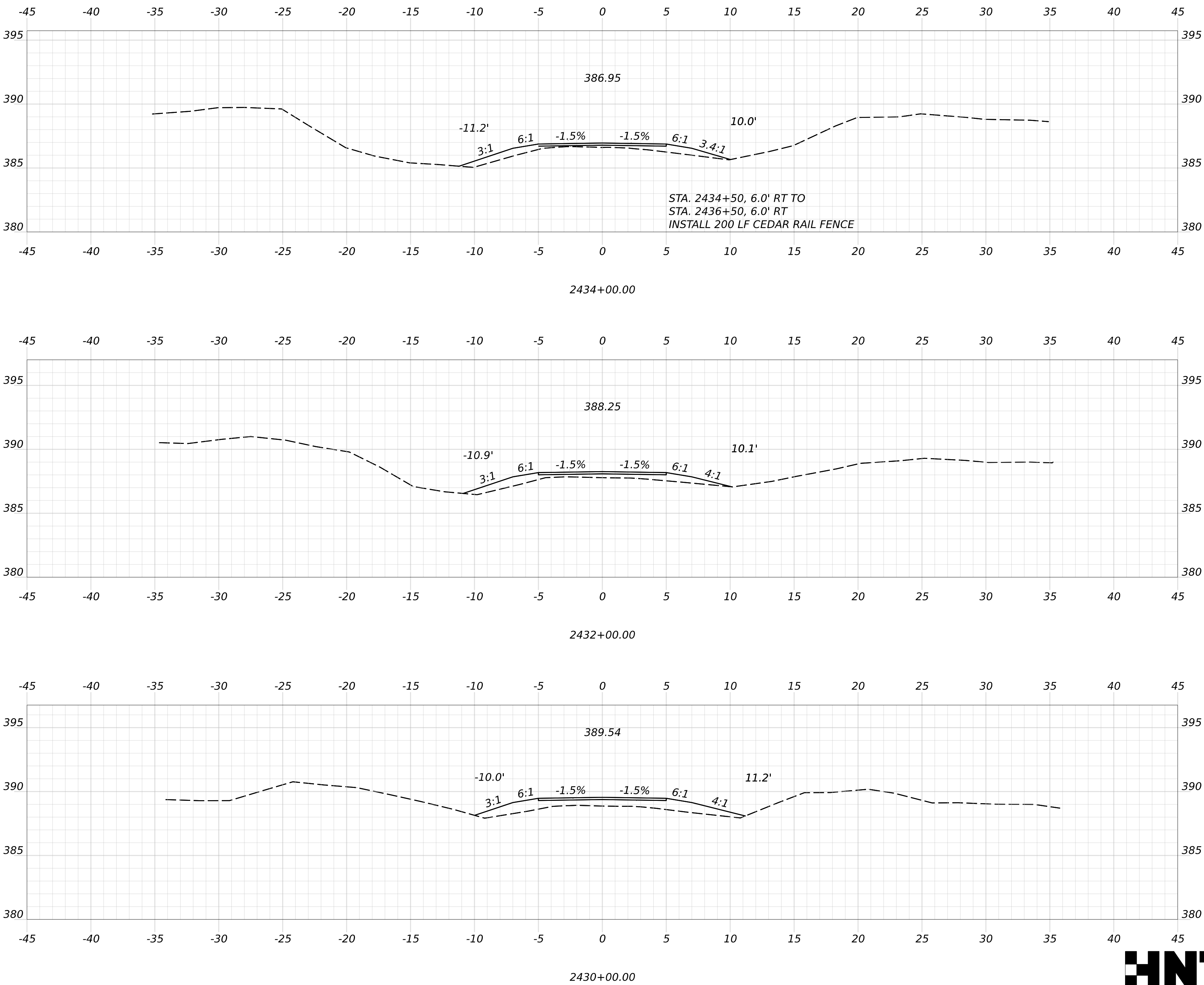
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

2685810

WIN
26858.10

HIGHWAY PLANS

Filename: Cross Sections_(MDT_Section_10_11).dgn



PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26
CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

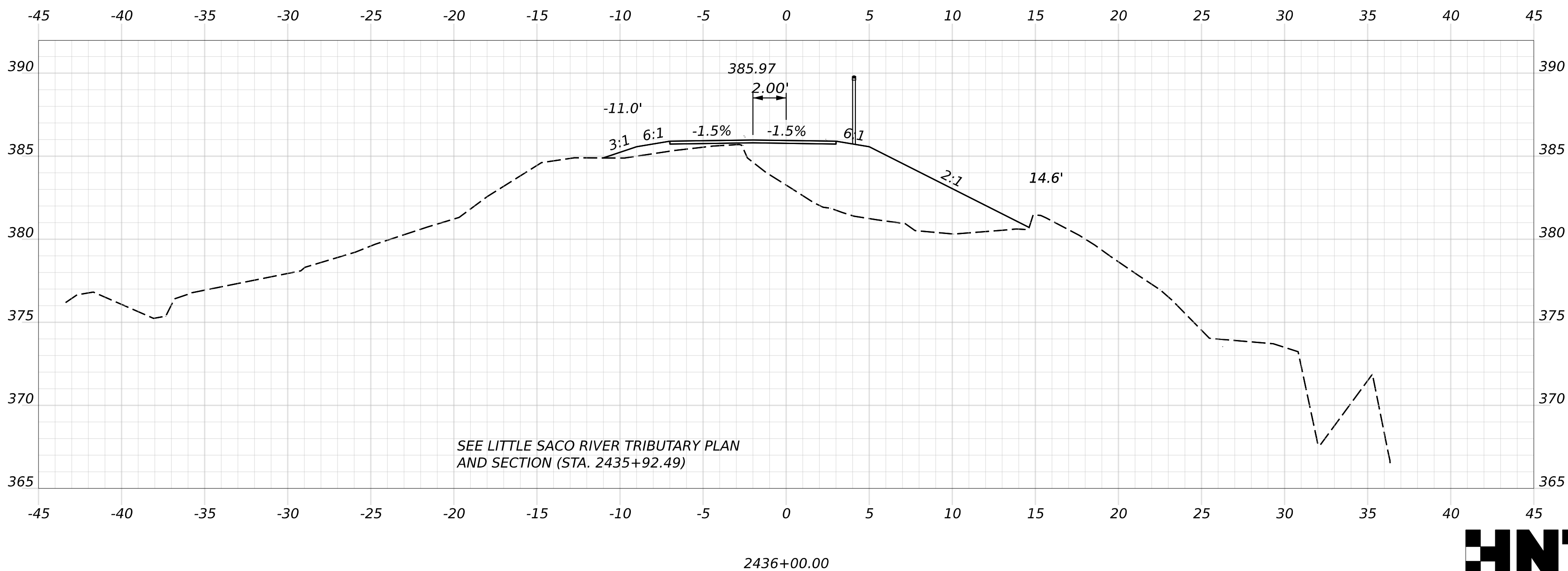
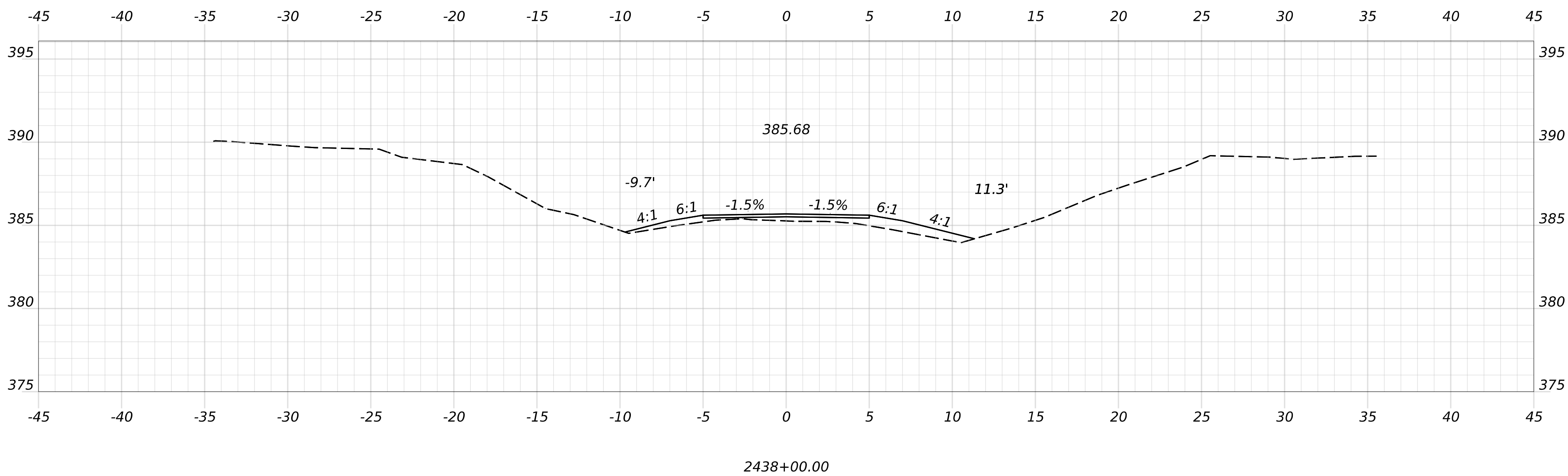
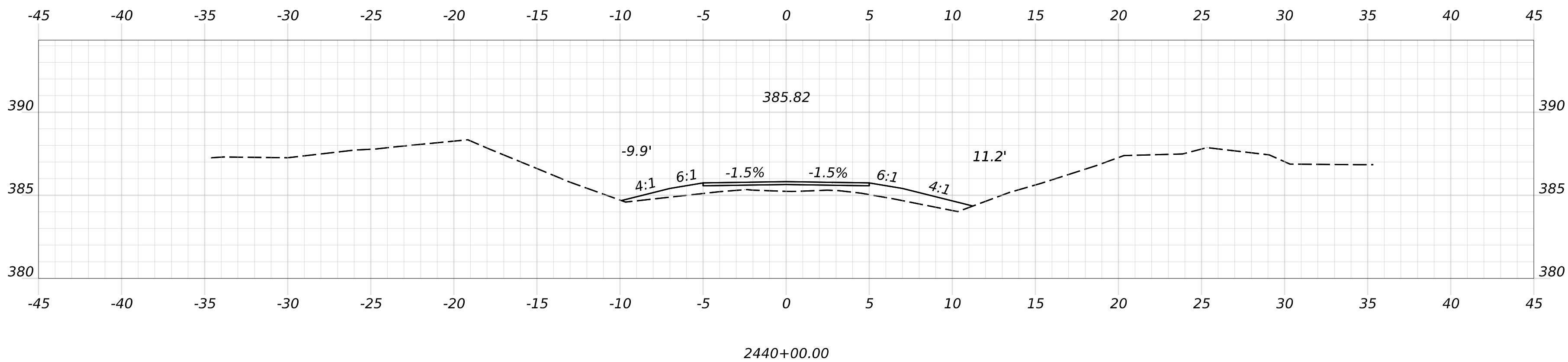
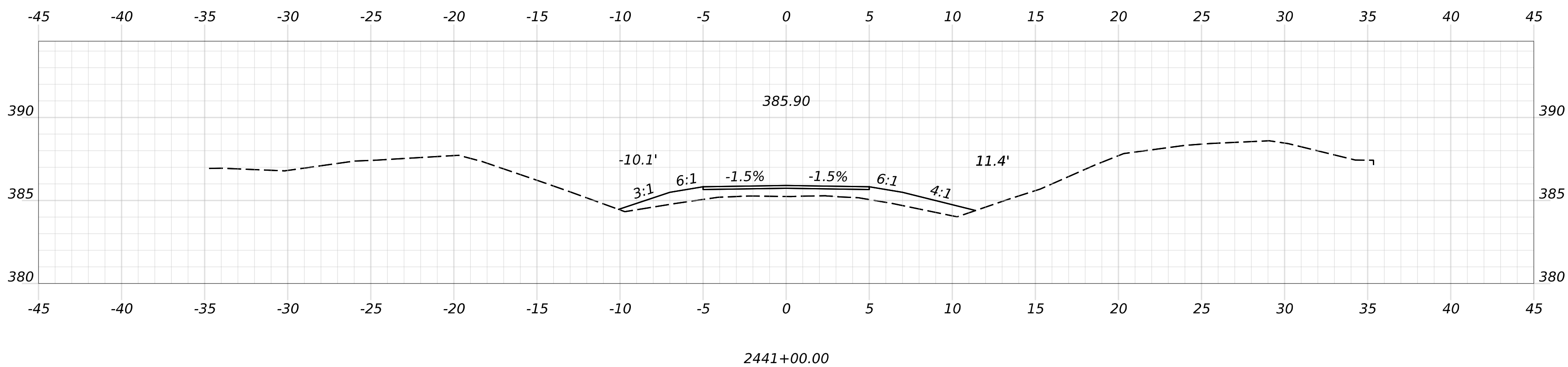
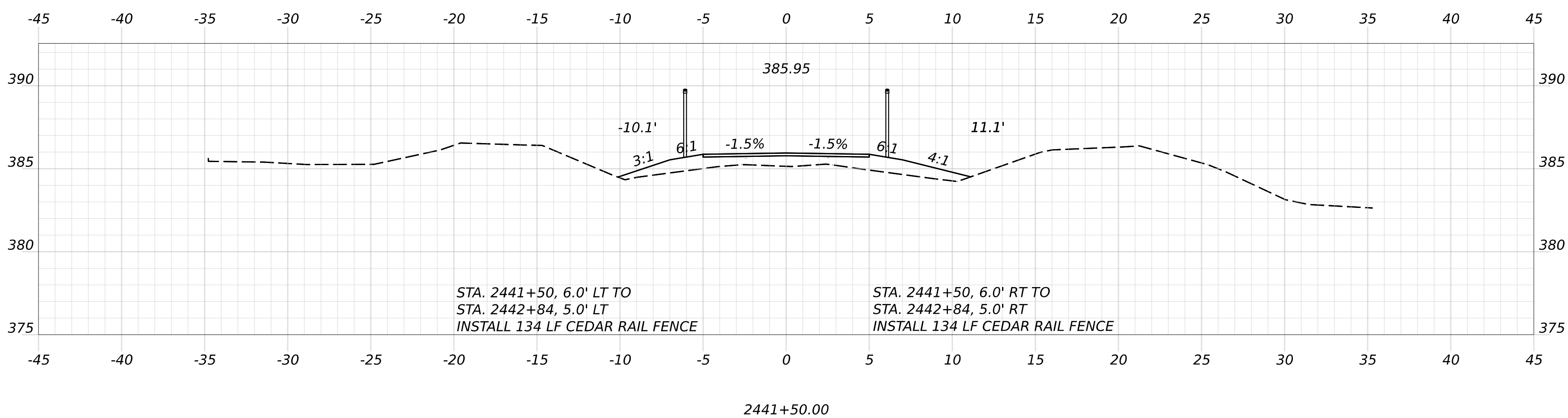
DATE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

2685810

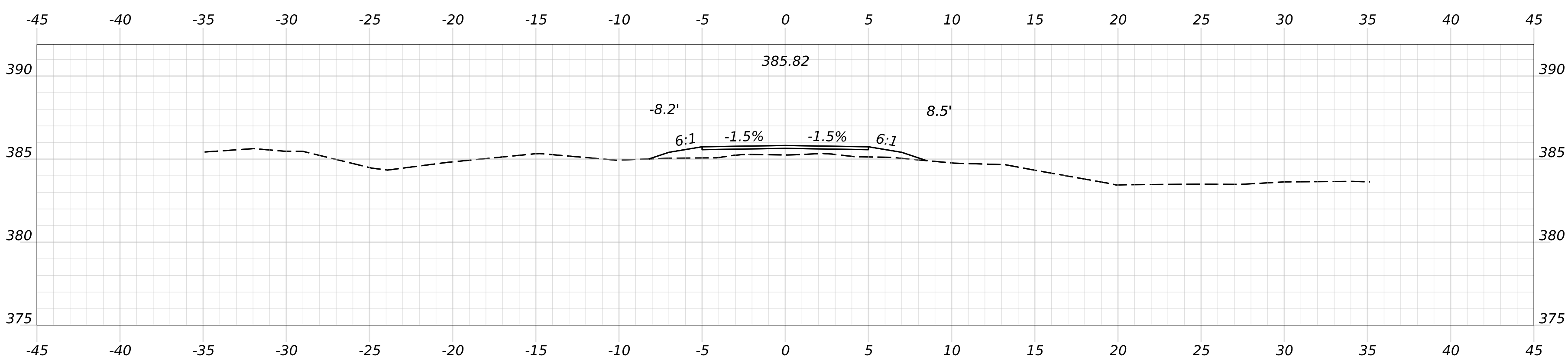
WIN
26858.10

HIGHWAY PLANS

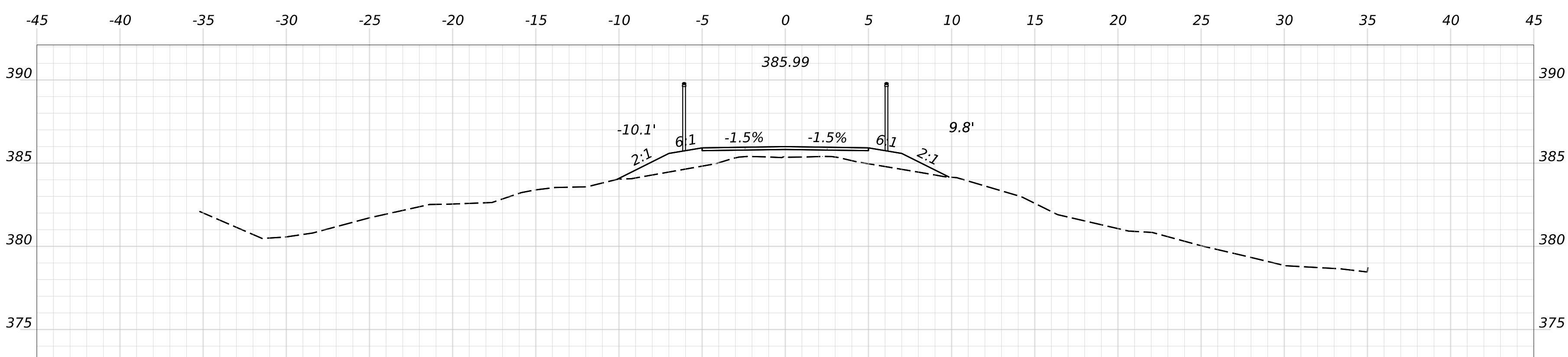


HNTB

OF 236	189	SHEET NUMBER	HIRAM, BROWNFIELD, FRYEBURG MOUNTAIN DIVISION TRAIL				PROJ. MANAGER D. LORING				BY		DATE		SIGNATURE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION			
			DESIGN-DETAILED				E. KELSEY		E. KELSEY		09/26		P.E. NUMBER	2685810					
			CHIEF-ENGINEER				C. HELMICK		L. ZACCHINI		09/26								
			DESIGN2-DETAILED2																
			DESIGN3-DETAILED3										DATE	WIN 26858.10 HIGHWAY PLANS					
			REVISIONS 1																
			REVISIONS 2																
			REVISIONS 3																
			REVISIONS 4																
			FIELD CHANGES																

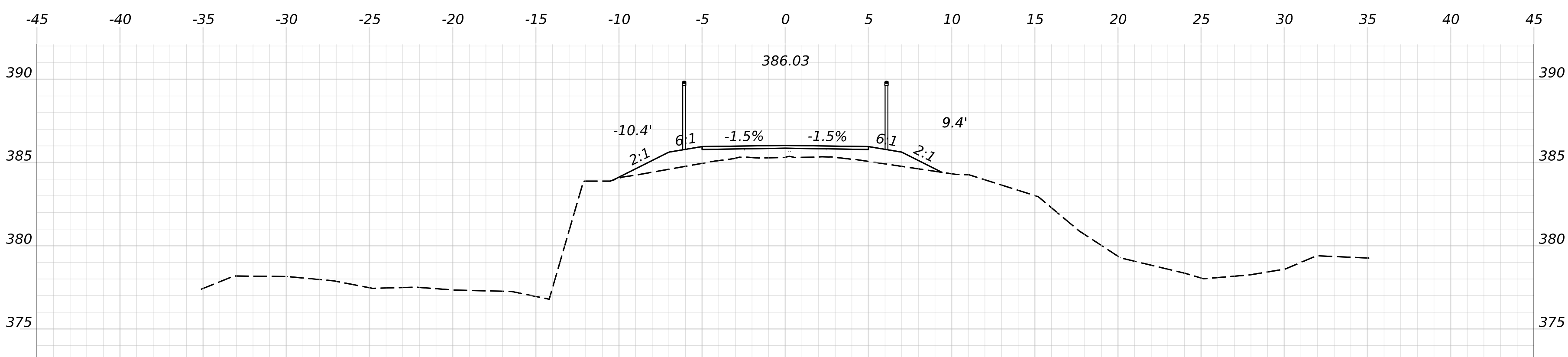
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2444+00.00

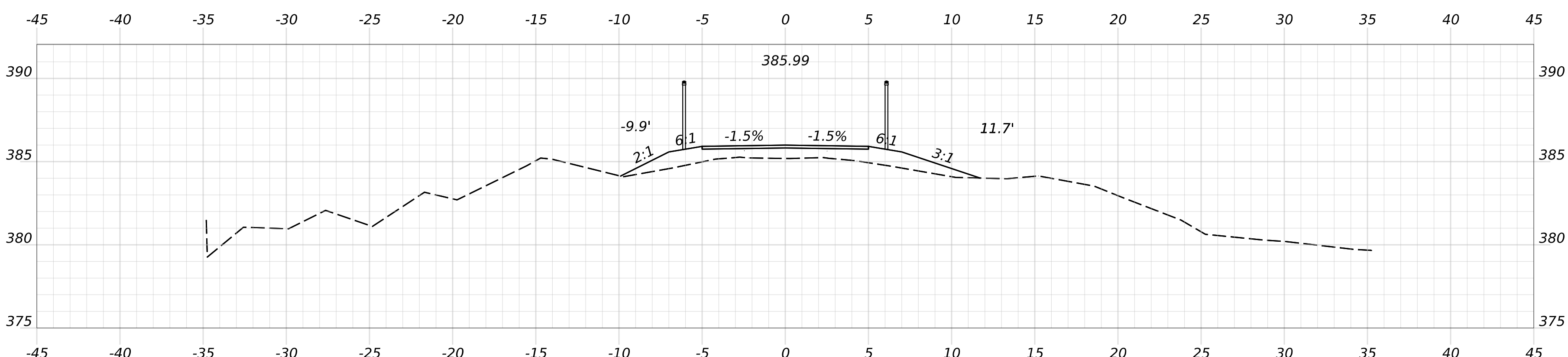


STA. 2443+15, 5.0' LT TO
STA. 2444+00, 6.0' LT
INSTALL 85 LF CEDAR RAIL FENCE

STA. 2443+15, 5.0' RT TO
STA. 2444+00, 6.0' RT
INSTALL 85 LF CEDAR RAIL FENCE

 $2443+50.00$ 

2442+50.00



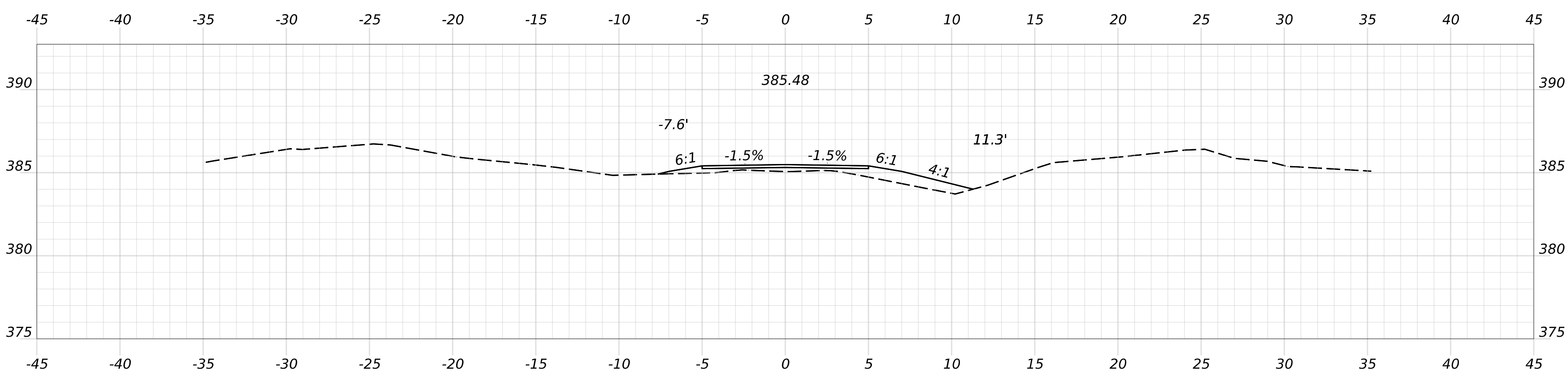
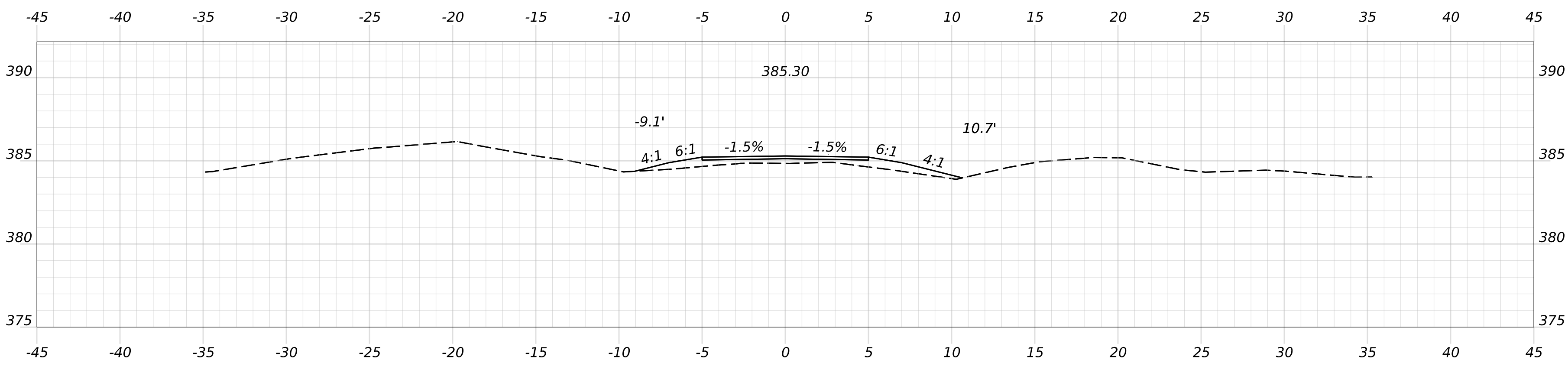
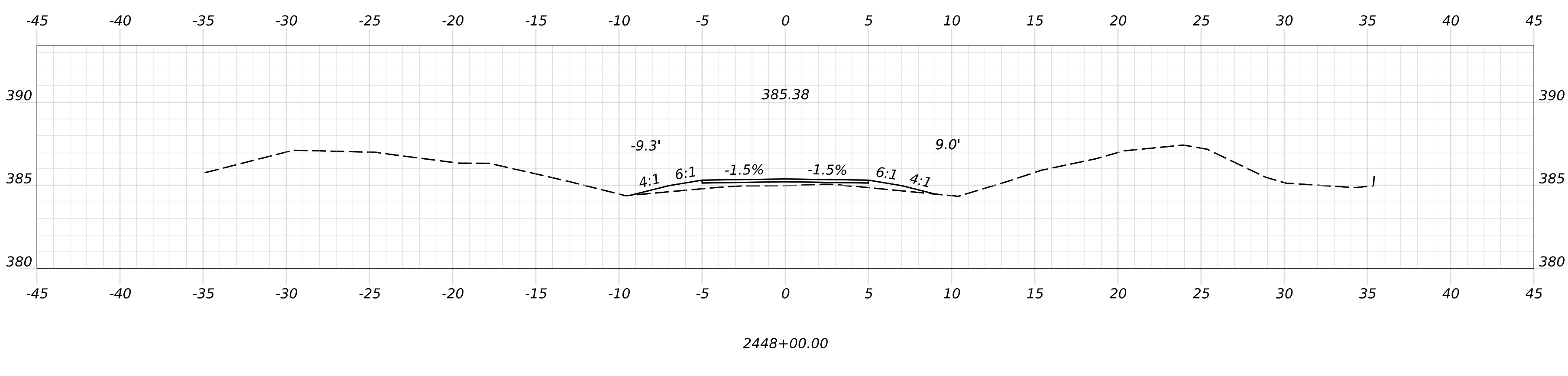
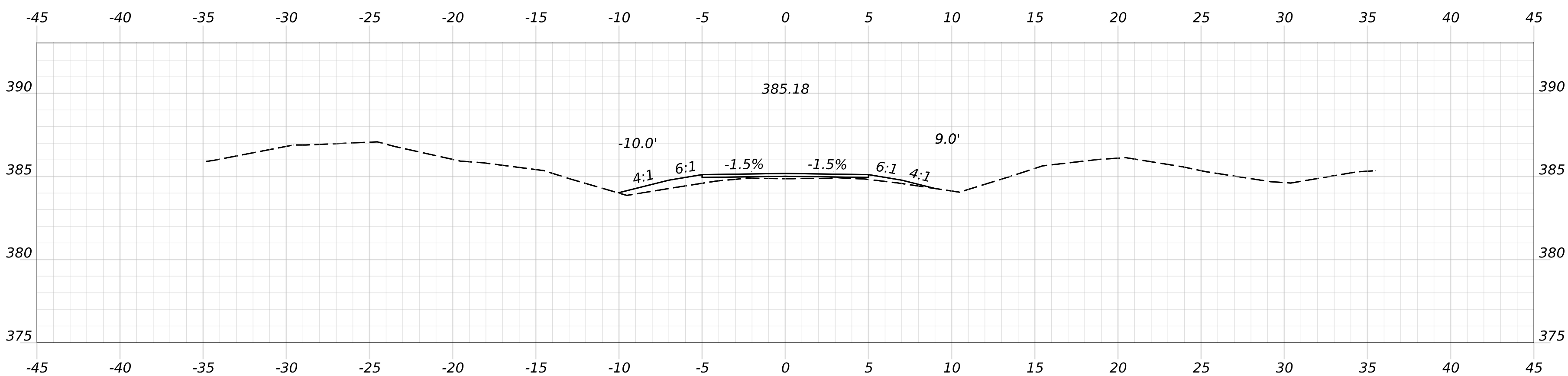
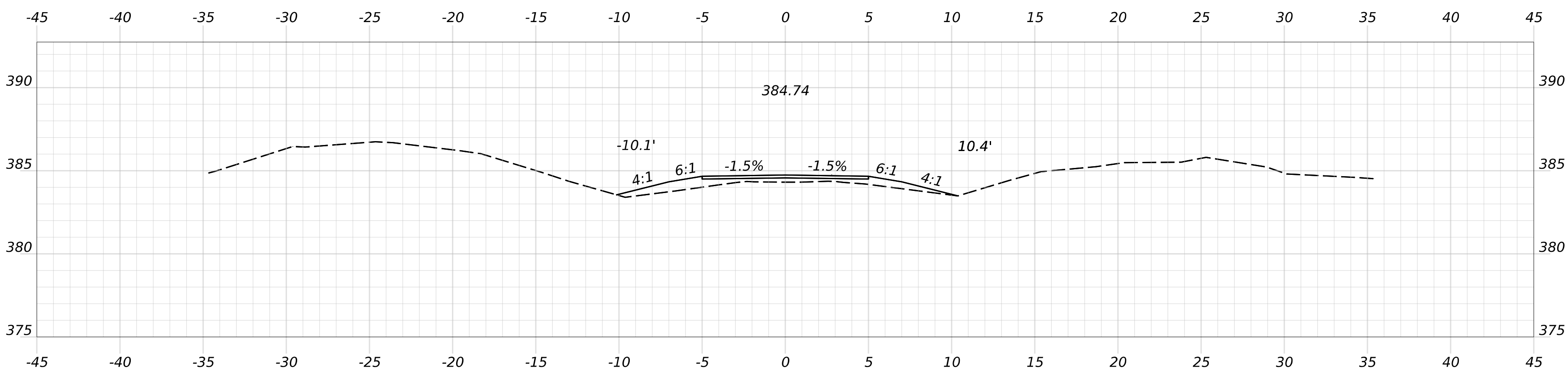
2442+00.00



PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26
CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
P.E. NUMBER
DATE

Filename: Cross Sections_(MDT_Section_10_11).dgn

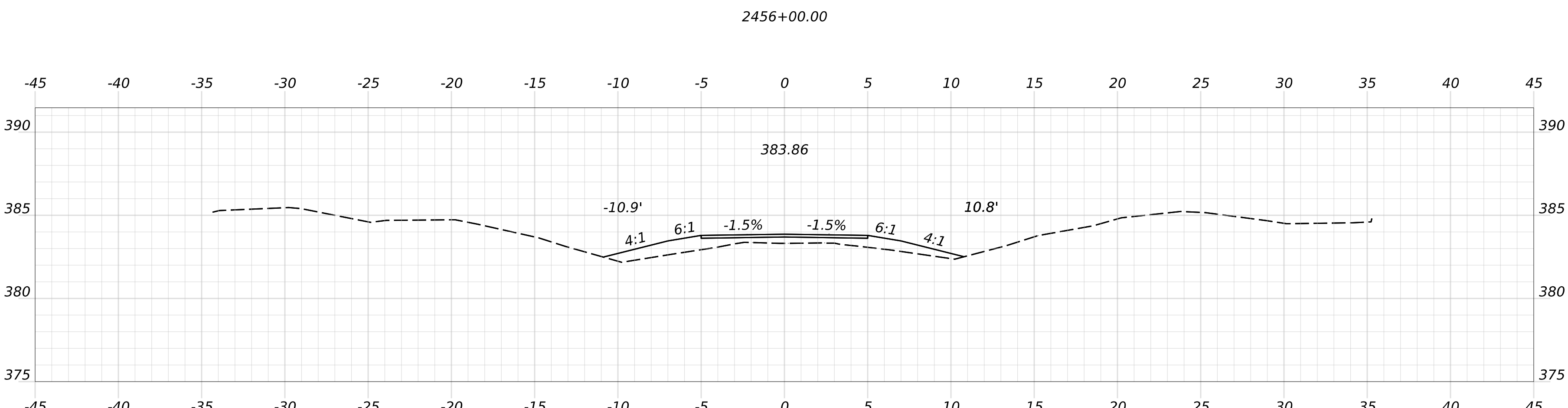
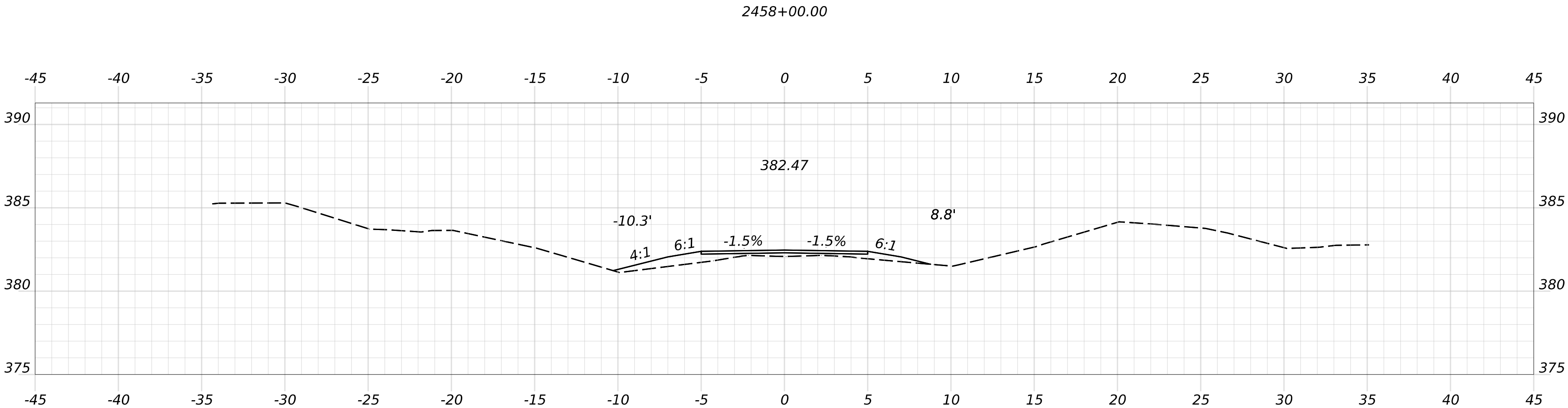
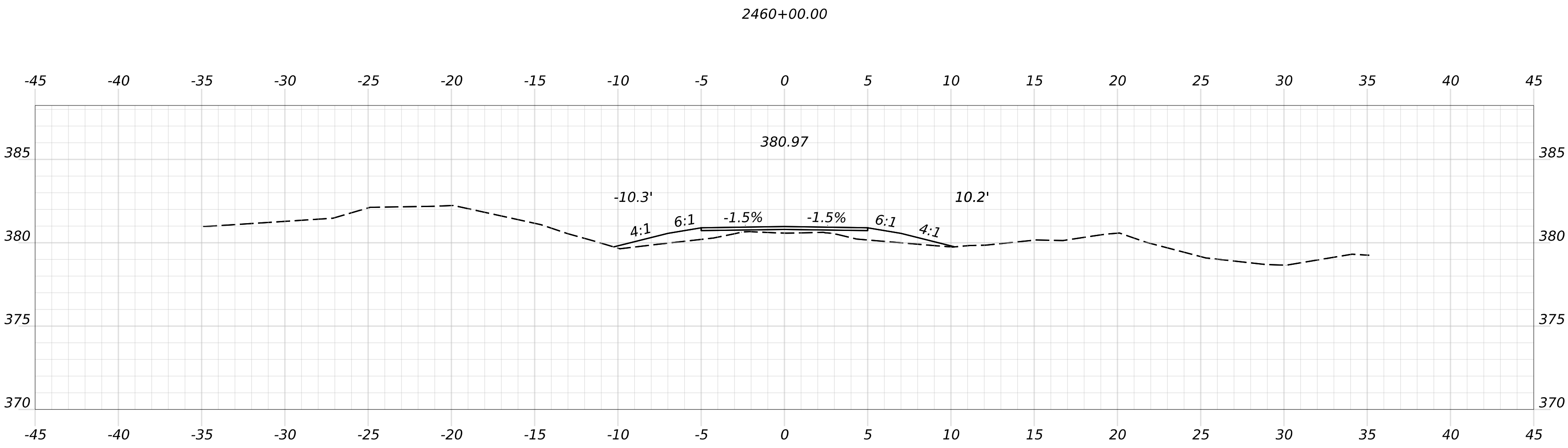
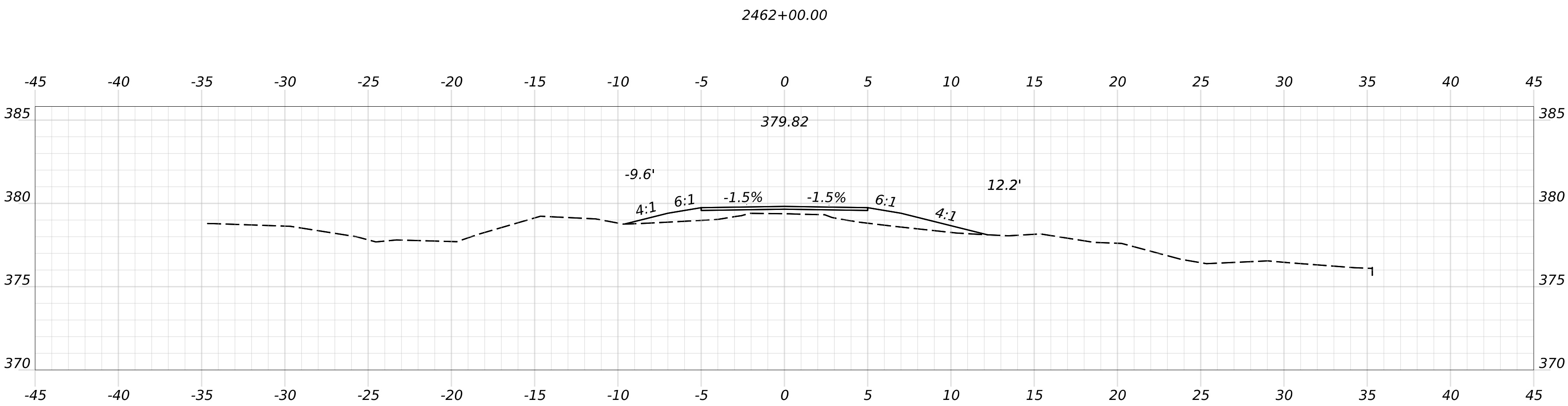
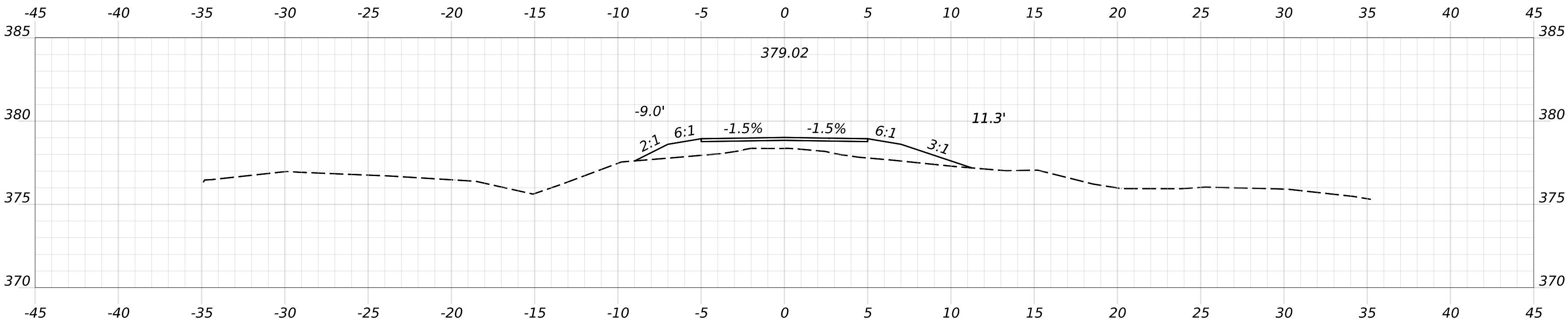


PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26
CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
P.E. NUMBER
DATE

STATE OF MAINE DEPARTMENT OF TRANSPORTATION
2685810
WIN 26858.10
HIGHWAY PLANS

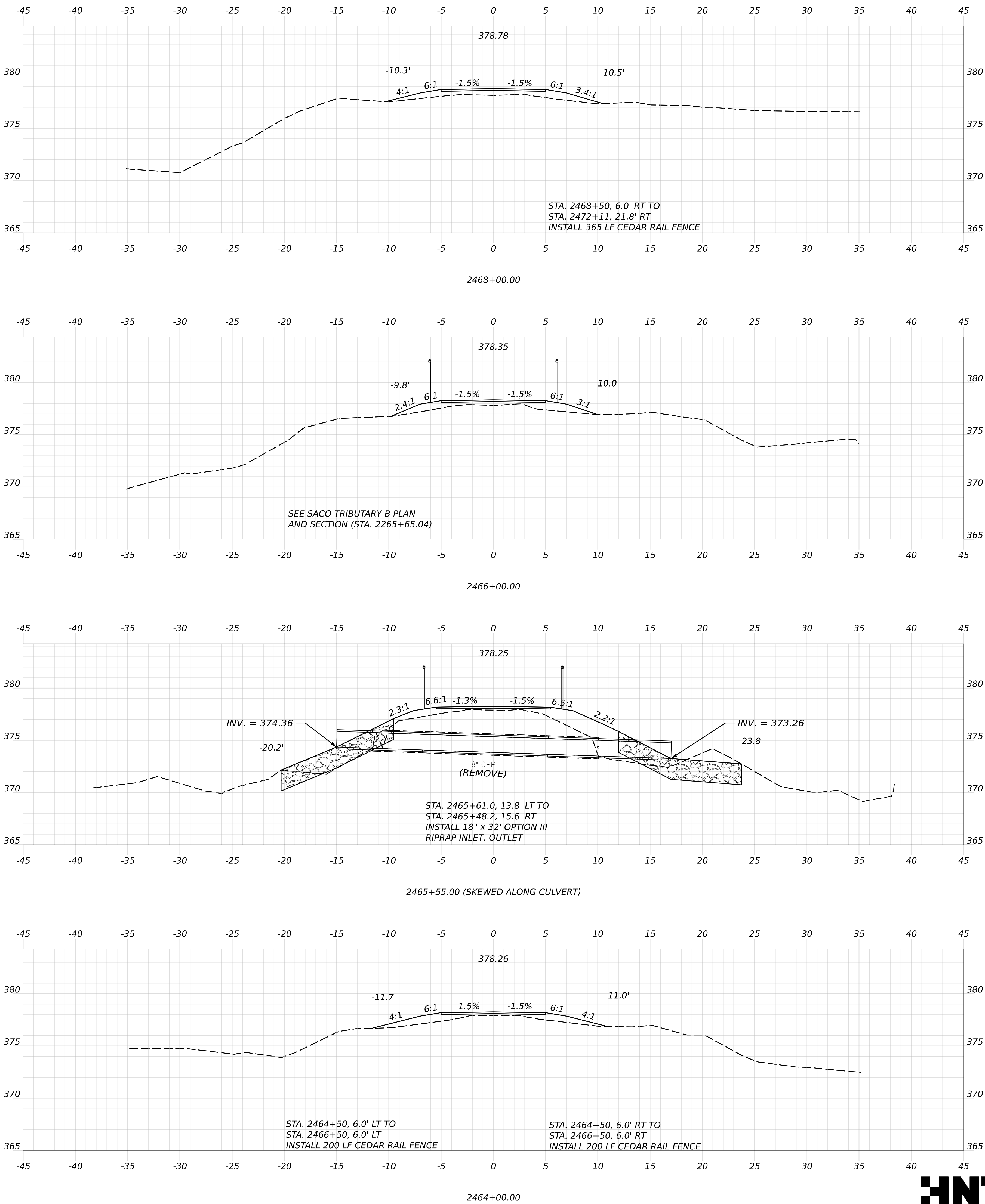
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OF 236	SHEET NUMBER	HIRAM, BROWNFIELD, FRYEBURG MOUNTAIN DIVISION TRAIL	PROJ. MANAGER			D. LORING	BY	DATE	SIGNATURE
			DESIGN-DETAILED			E. KELSEY	E. KELSEY	09/26	
			CHECKED-REVIEWED			C. HELMICK	L. ZACCHINI	09/26	
			DESIGN2-DETAILED2						
		DESIGN3-DETAILED3						P.E. NUMBER	
		REVISIONS 1							
		REVISIONS 2							
		REVISIONS 3							
		REVISIONS 4						DATE	
		FIELD CHANGES							
CROSS SECTIONS									

STATE OF MAINE		
DEPARTMENT OF TRANSPORTATION		
2685810		
WIN	HIGHWAY PLAN	
26858.10		

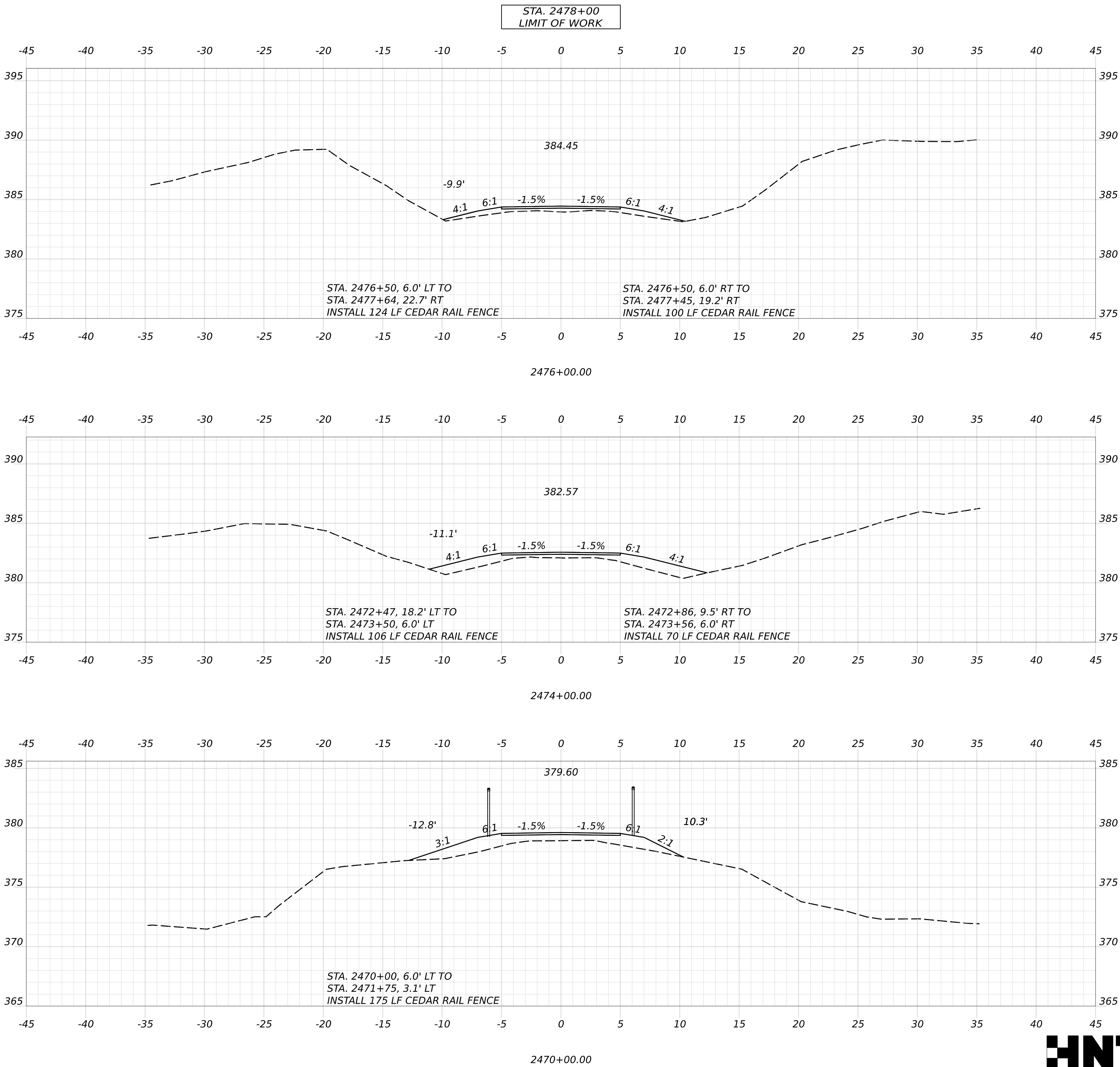
Filename: Cross Sections_(MDT)_Section_10_11.dgn



PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26
CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26
DESIGN-DETAILED2			
DESIGN-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
P.E. NUMBER
DATE

Filename: Cross Sections_(MDT_Section_10_11).dgn



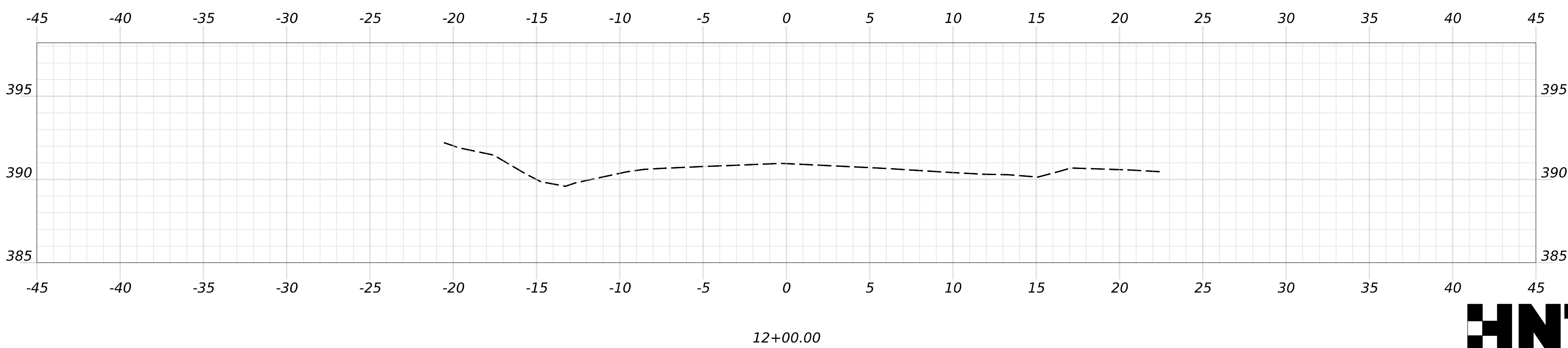
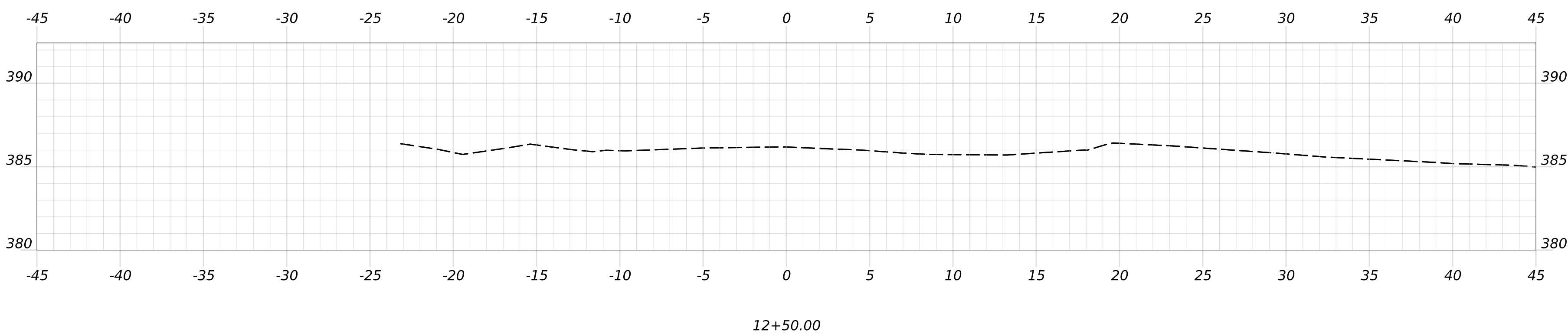
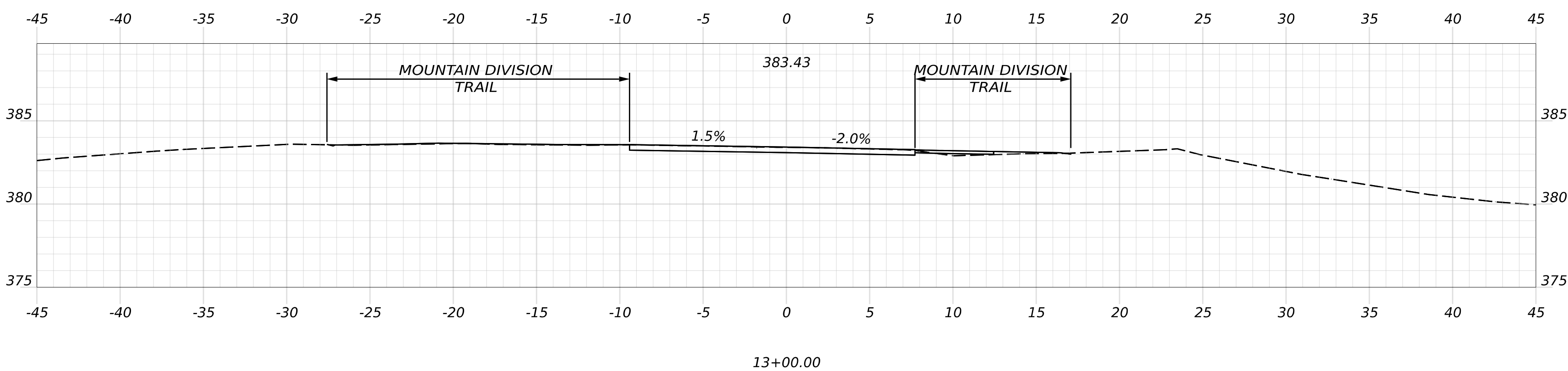
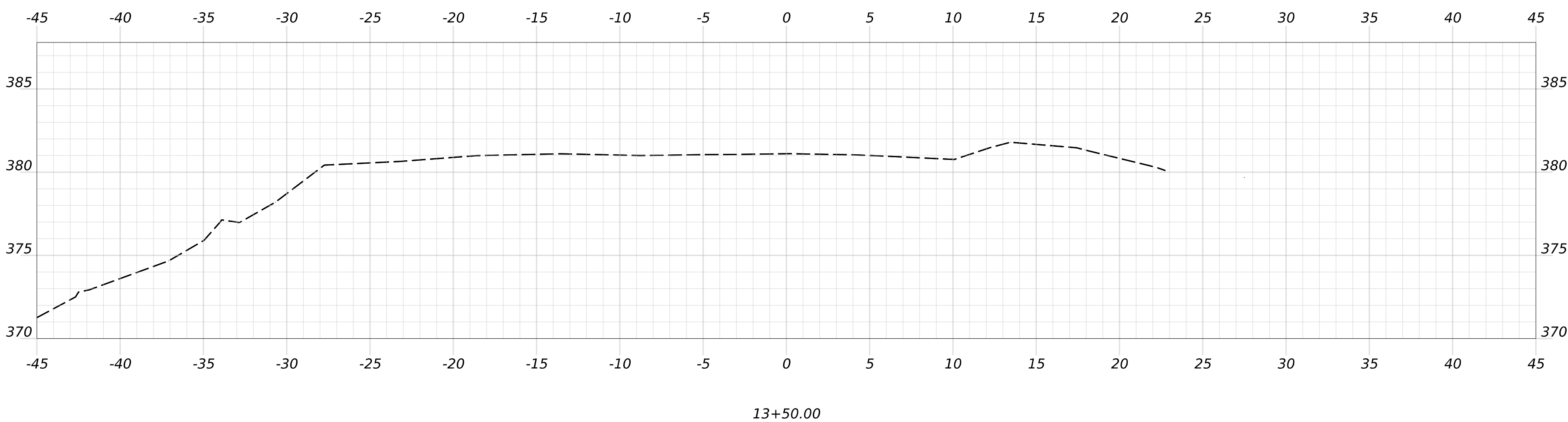
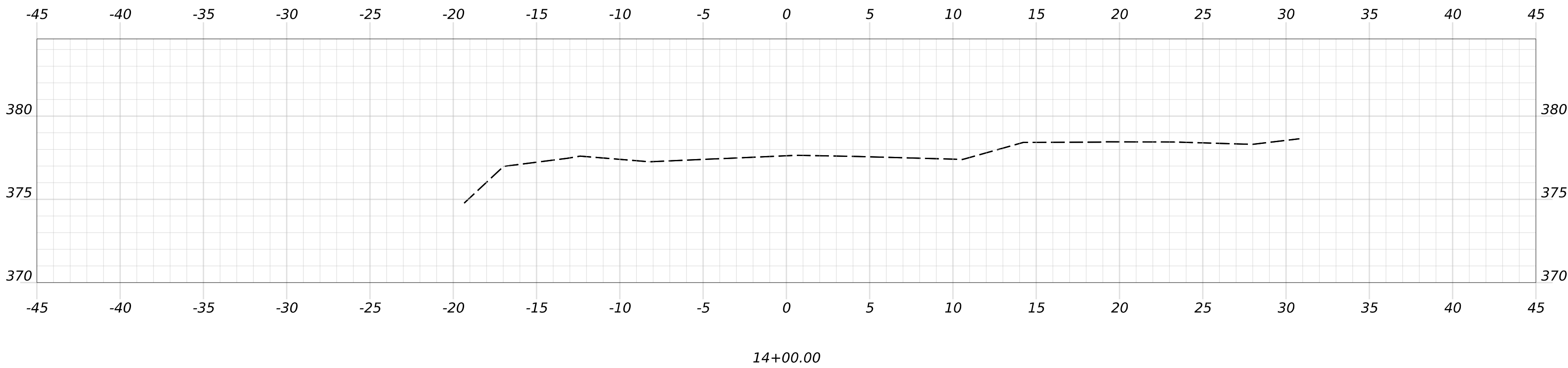
PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	E. KELSEY	E. KELSEY	09/26
CHECKED-REVIEWED	C. HELMICK	L. ZACCHINI	09/26
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

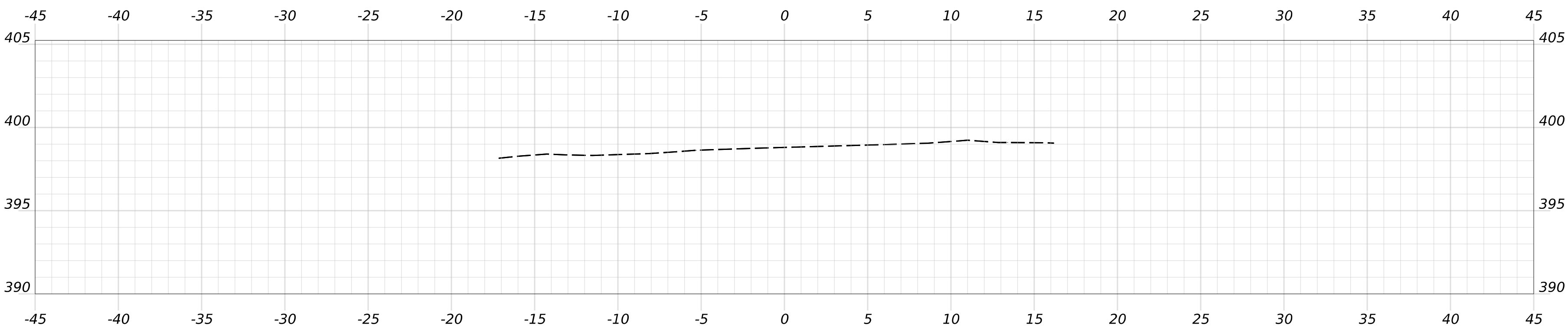
DATE

Filename: Cross Sections_Local_Roads.dgn

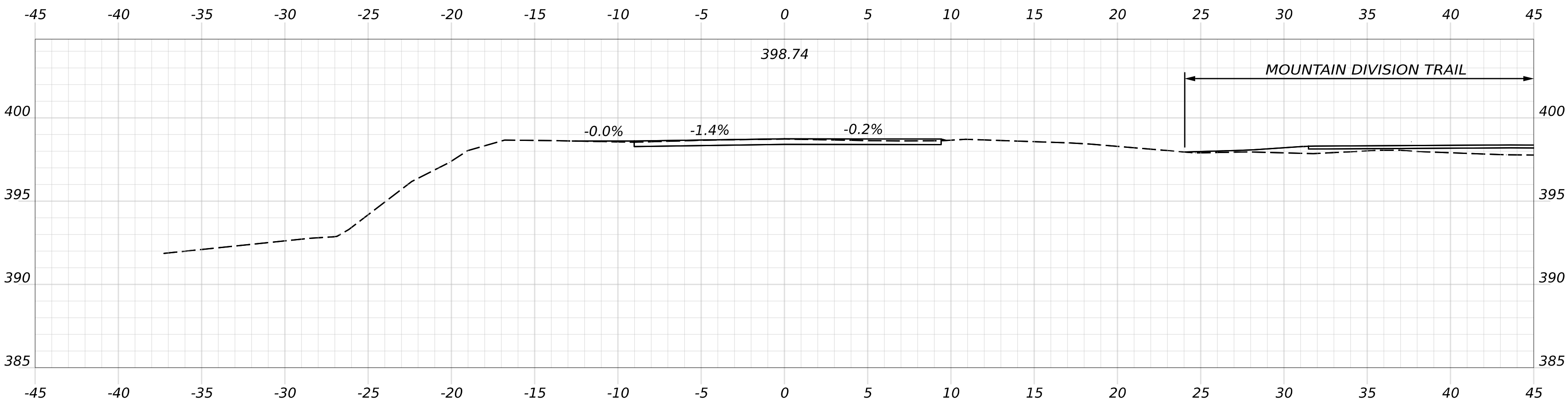


OF 236	SHEET NUMBER 195	HIRAM, BROWNFIELD, FRYEBURG MOUNTAIN DIVISION TRAIL	PROJ. MANAGER D. LORING BY DATE				SIGNATURE	STATE OF MAINE	
			DESIGN-DETAILED C. HELMICK C. HELMICK 09/26		P.E. NUMBER	DEPARTMENT OF TRANSPORTATION			
		CHECKED-REVIEWED L. ZACCHINI L. ZACCHINI 09/26		DATE		2685810			
		DESIGN2-DETAILED2			DATE	WIN			
		DESIGN3-DETAILED3		DATE		26858.10			
		REVISIONS 1			DATE	HIGHWAY PLANS			
		REVISIONS 2		DATE					
		REVISIONS 3			DATE				
		REVISIONS 4		DATE					
		FIELD CHANGES			DATE				

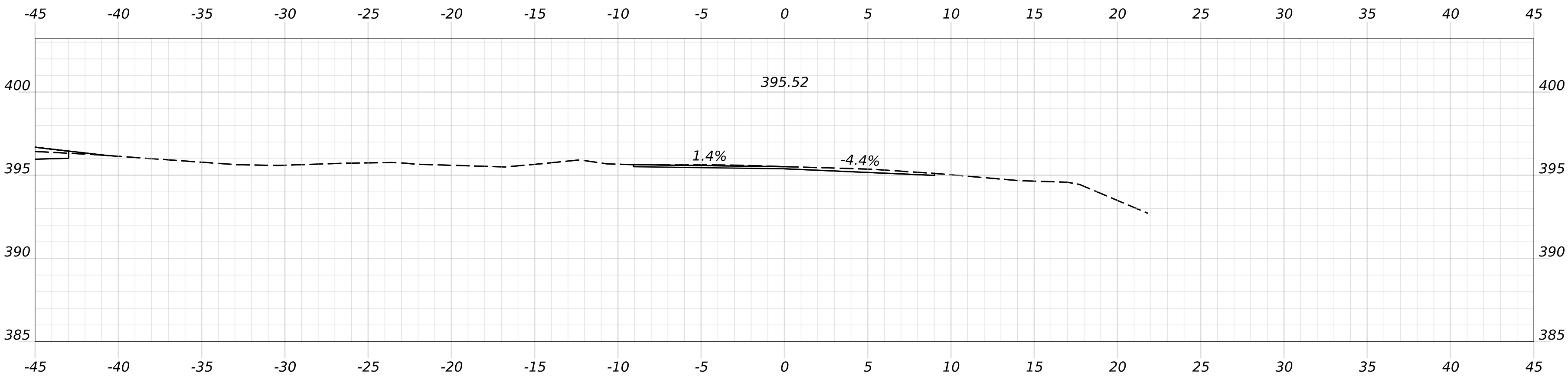
Filename: Cross Sections_Local_Roads.dgn



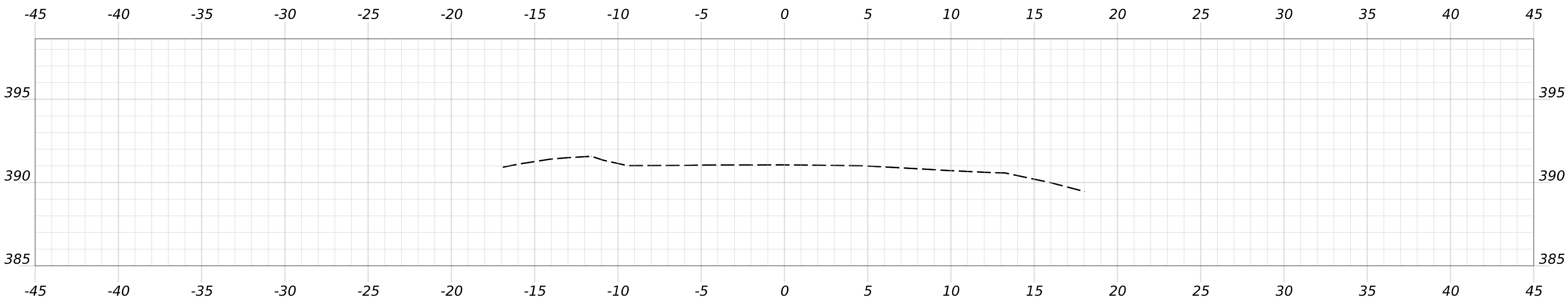
24+50.00



24+00.00



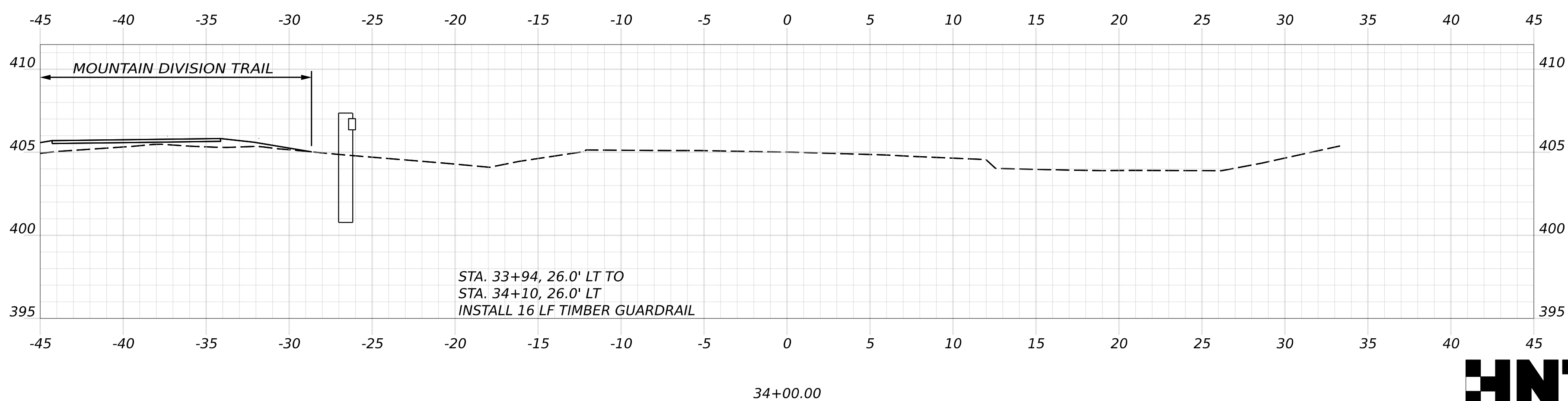
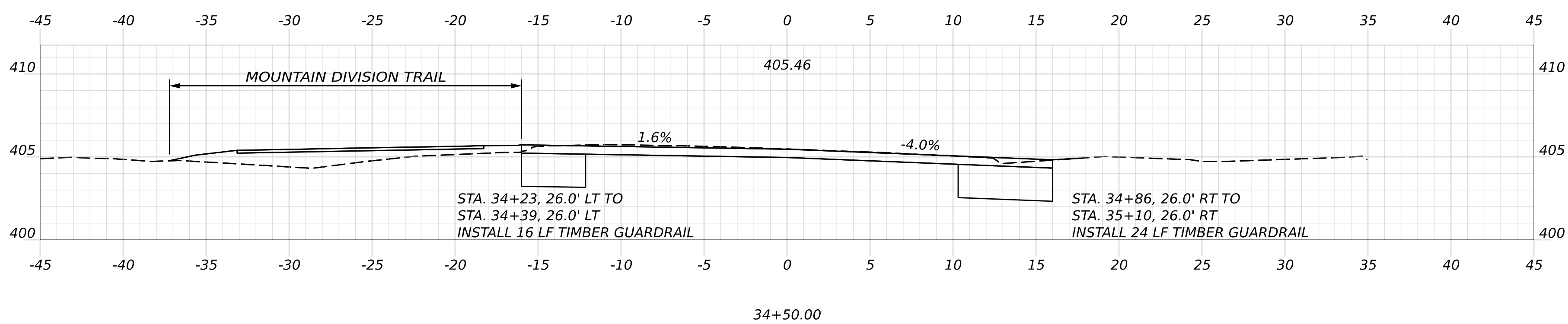
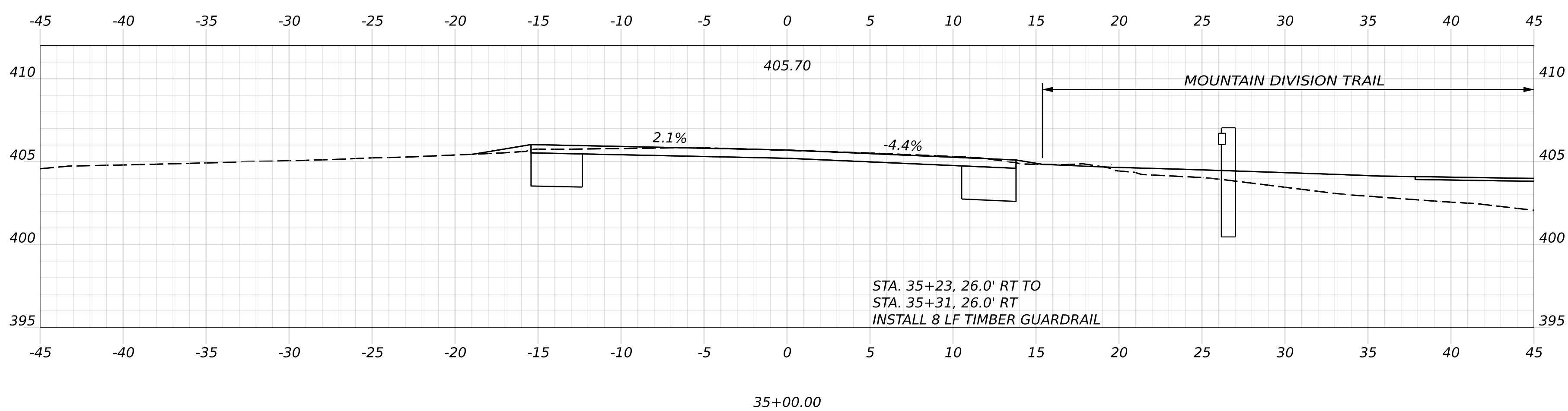
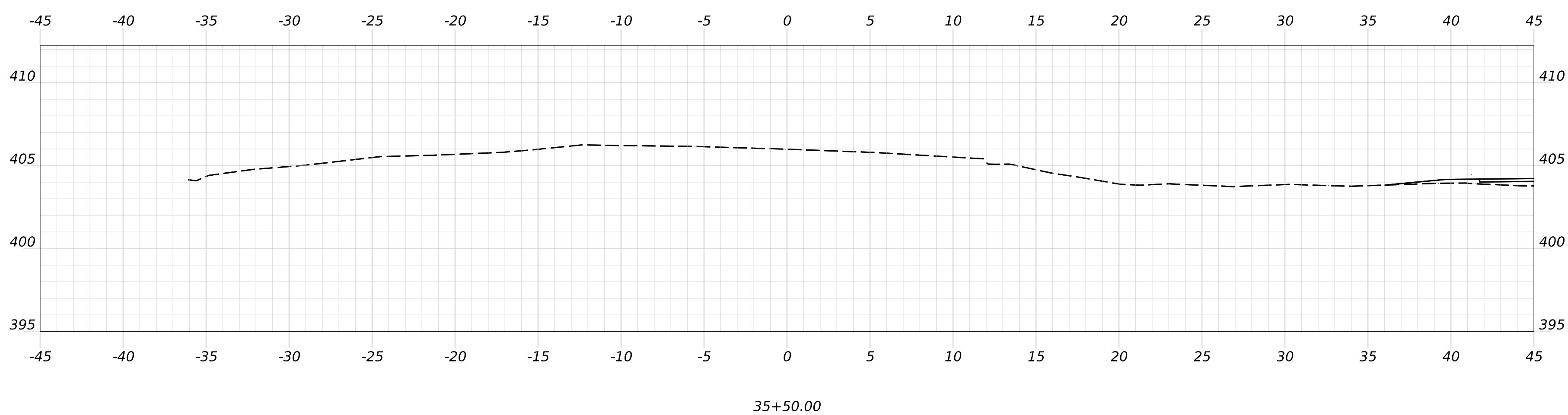
23+50.00



23+00.00



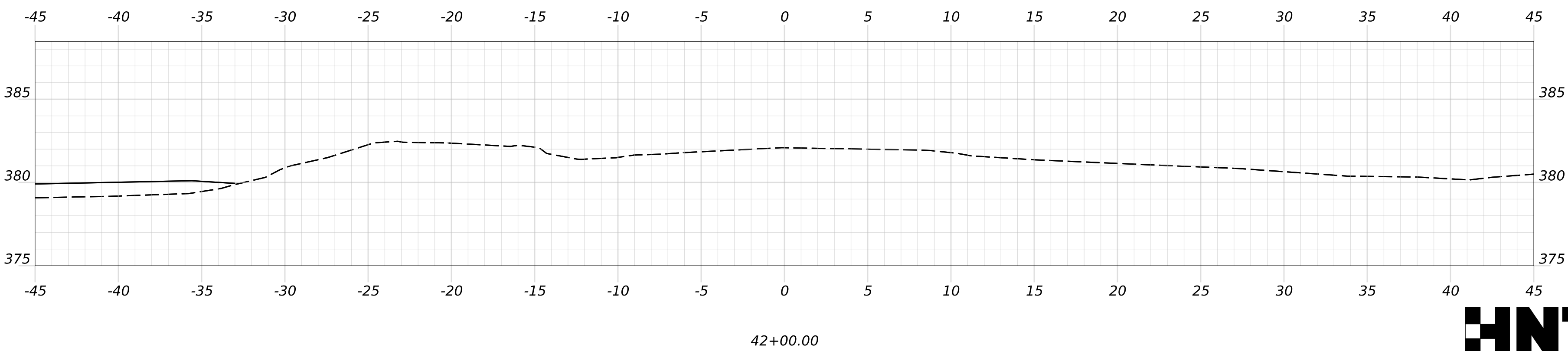
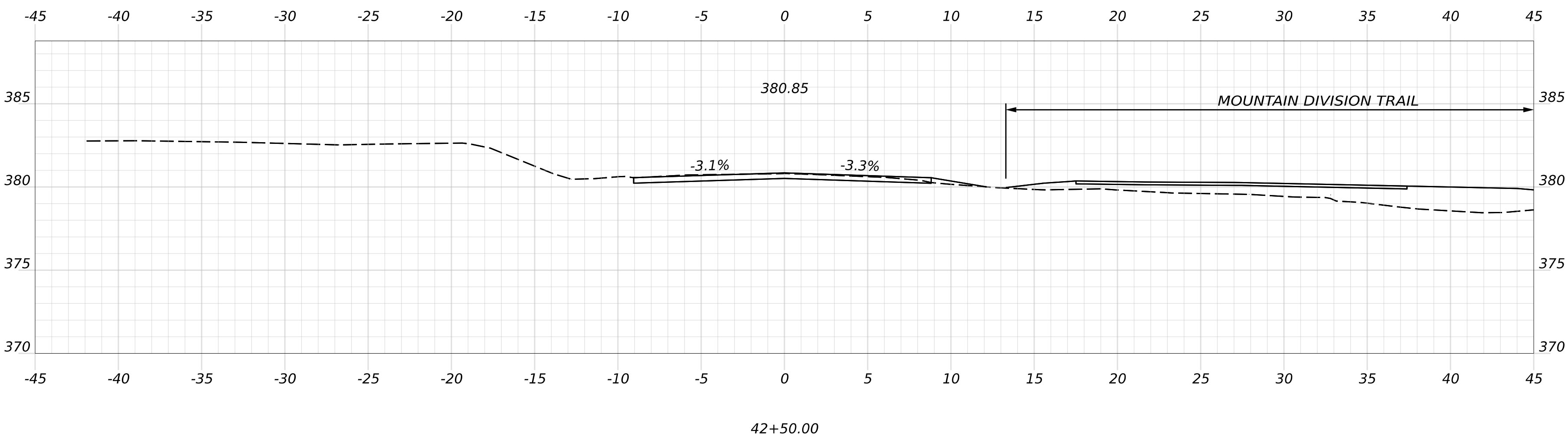
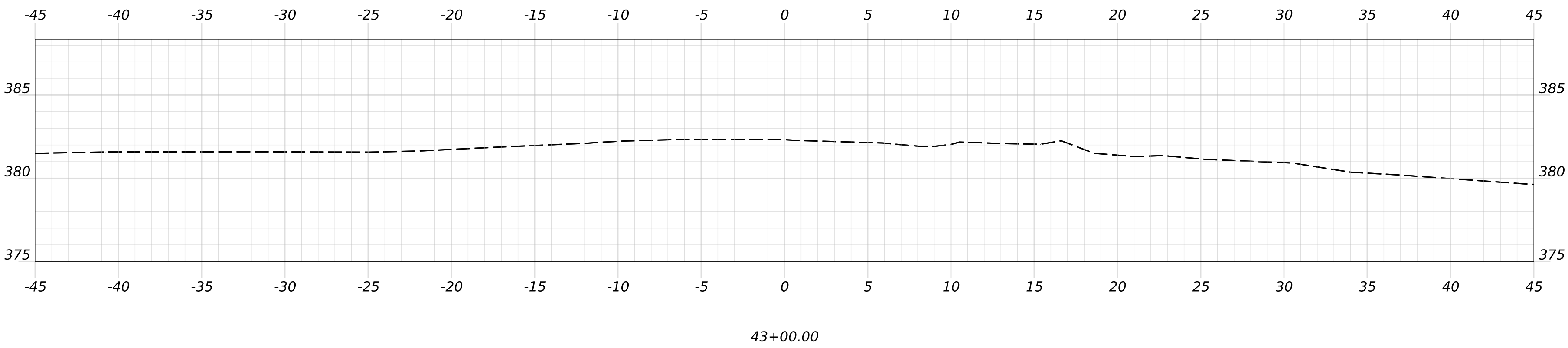
OF 236	SHEET NUMBER 196	HIRAM, BROWNFIELD, FRYEBURG MOUNTAIN DIVISION TRAIL	PROJ. MANAGER		D. LORING	BY	DATE	SIGNATURE	STATE OF MAINE	
			DESIGN-DETAILED	C. HELMICK	C. HELMICK	09/26	DEPARTMENT OF TRANSPORTATION			
			CHECKED-REVIEWED	L. ZACCHINI	L. ZACCHINI	09/26				
			DESIGN2-DETAILED2							
			DESIGN3-DETAILED3							
		REVISIONS 1				P.E. NUMBER	2685810			
		REVISIONS 2				DATE	WIN 26858.10	HIGHWAY PLANS		
		REVISIONS 3								
		REVISIONS 4								
		FIELD CHANGES								
NOTCH ROAD CROSS SECTIONS										



HNTB

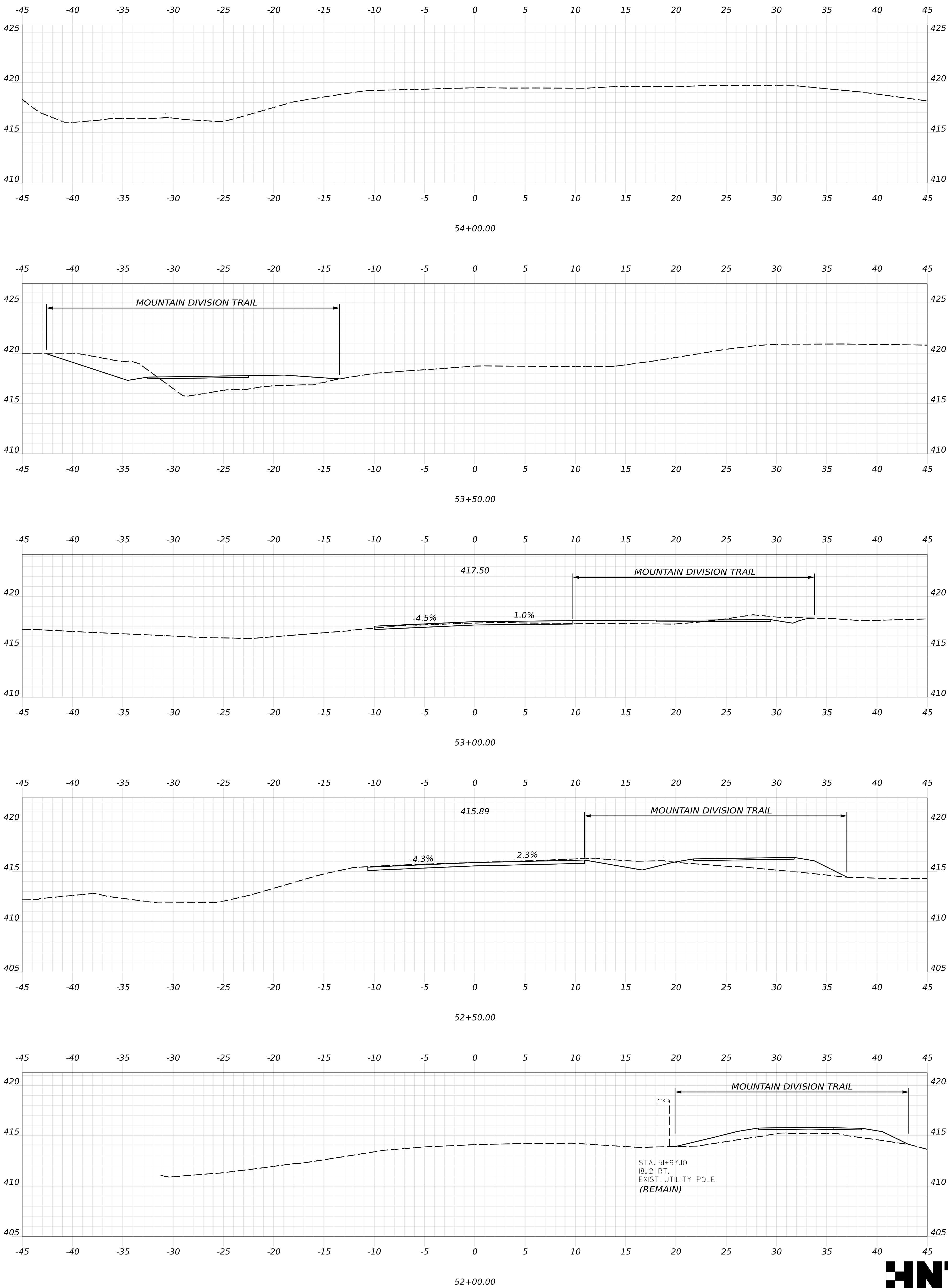
OF 236	197	SHEET NUMBER	HIRAM, BROWNFIELD, FRYEBURG MOUNTAIN DIVISION TRAIL				PROJ. MANAGER	D. LORING		BY	DATE	SIGNATURE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
			DESIGN-DETAILED				C. HELMICK	C. HELMICK	09/26	P.E. NUMBER	2685810			
			CHECKED-REVIEWED				L. ZACCHINI	L. ZACCHINI	09/26					
			DESIGN2-DETAILED2											
			DESIGN3-DETAILED3							DATE	WIN 26858.10	HIGHWAY PLANS		
			REVISIONS 1											
			REVISIONS 2											
			REVISIONS 3											
			REVISIONS 4											
			FIELD CHANGES											

Filename: Cross Sections_Local_Roads.dgn



OF 236	SHEET NUMBER 198	HIRAM, BROWNFIELD, FRYEBURG MOUNTAIN DIVISION TRAIL				PROJ. MANAGER		D. LORING		BY		DATE		SIGNATURE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION				
		WAKEFIELD ROAD CROSS SECTIONS				DESIGN-DETAILED		C. HELMICK		C. HELMICK		09/26			P.E. NUMBER	2685810			
						CHECKED-REVIEWED		L. ZACCHINI		L. ZACCHINI		09/26							
						DESIGN2-DETAILED2													
		DESIGN3-DETAILED3								DATE	WIN 26858.10 HIGHWAY PLANS								
		REVISIONS 1																	
		REVISIONS 2																	
		REVISIONS 3																	
		REVISIONS 4																	
		FIELD CHANGES																	

Filename: Cross Sections_Local_Roads.dgn



PROJ. MANAGER	D. LORING	BY		DATE	
DESIGN-DETAILED	C. HELMICK	C. HELMICK	09/26		
CHECKED-REVIEWED	L. ZACCHINI	L. ZACCHINI	09/26		
DESIGN-DETAILED2					
DESIGN-DETAILED3					
REVISIONS 1					
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					

SIGNATURE

P.E. NUMBER

DATE

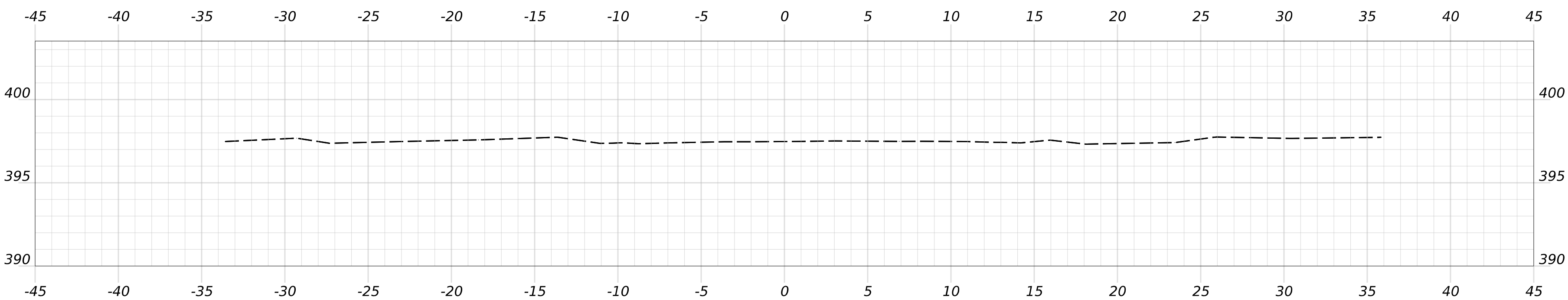
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

2685810

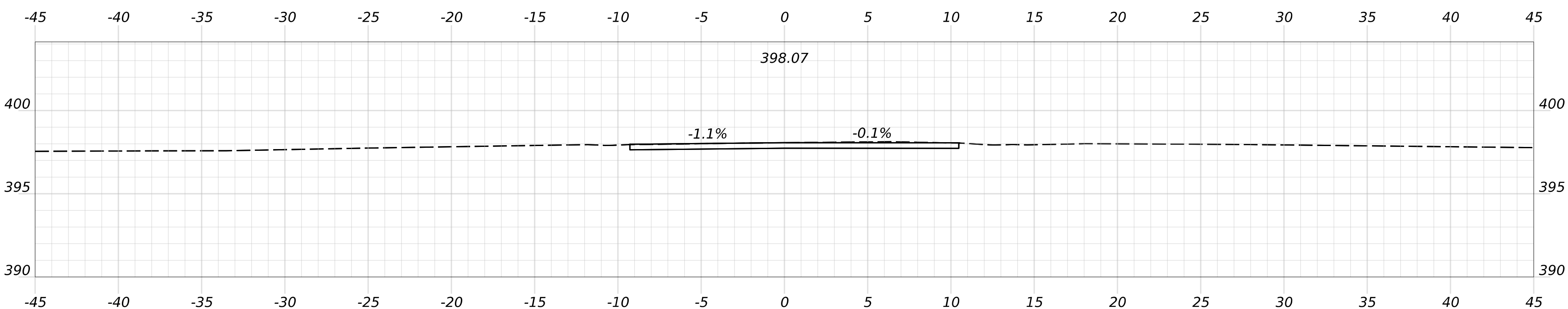
WIN
26858.10

HIGHWAY PLANS

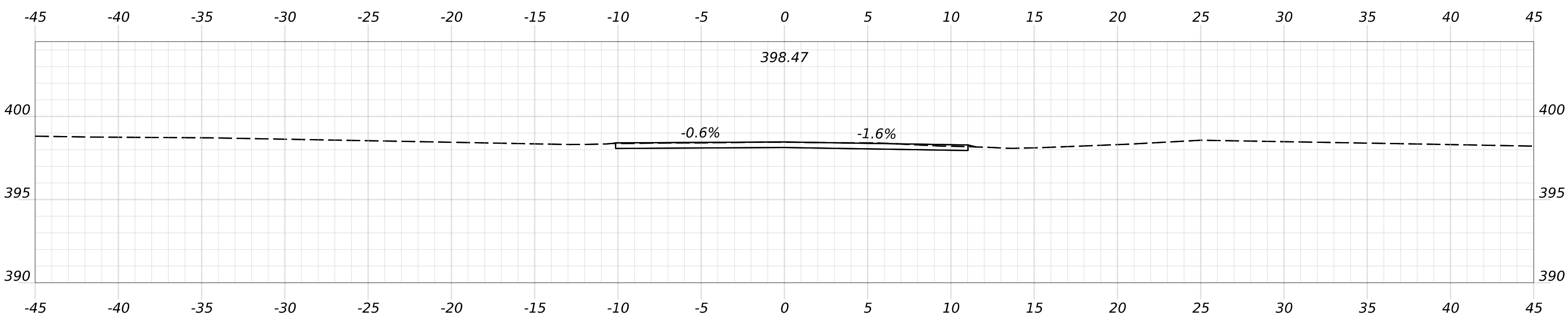
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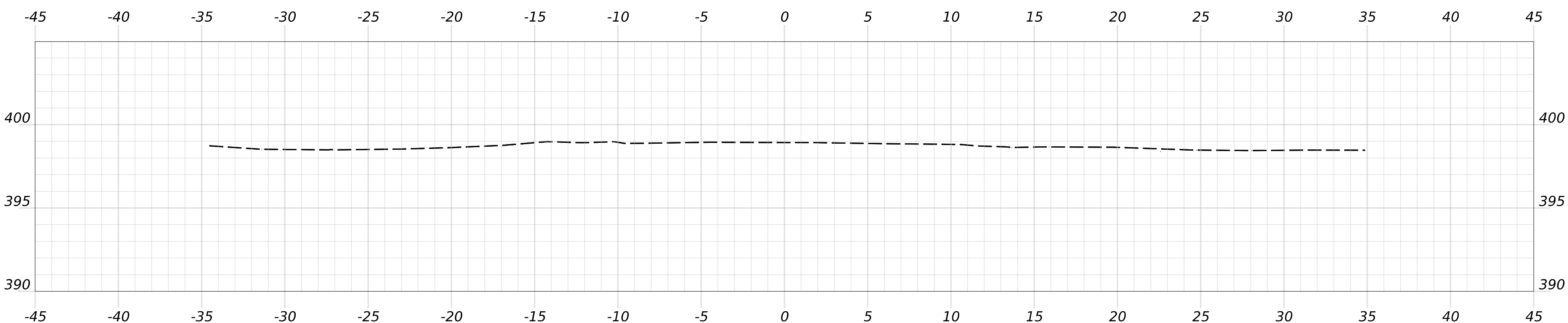
63+50.00



63+00.00



62+50.00



62+00.00



OF 236

200

SHEET NUMBER

HIRAM, BROWNFIELD, FRYEBURG
MOUNTAIN DIVISION TRAIL

DEPOT STREET CROSS SECTIONS

PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	C. HELMICK	C. HELMICK	09/26
CHECKED-REVIEWED	L. ZACCHINI	L. ZACCHINI	09/26
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

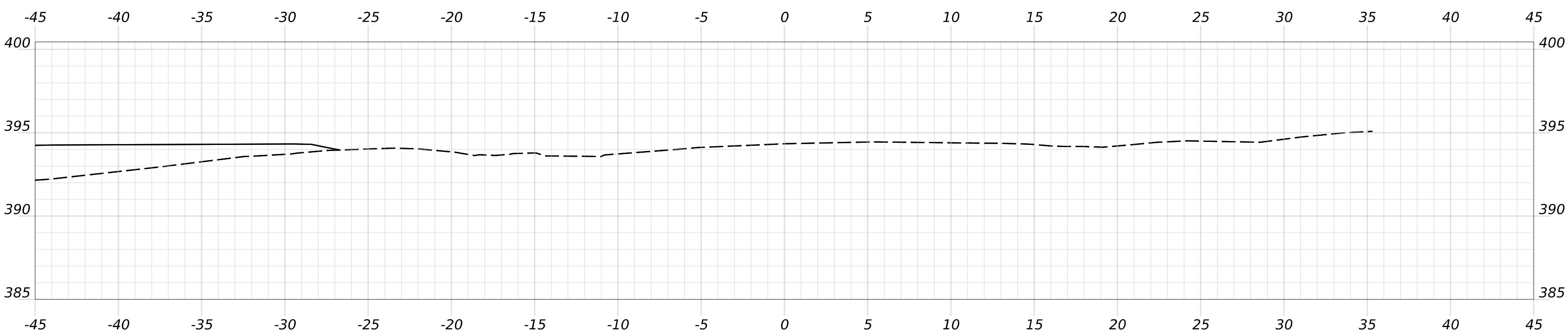
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

2685810

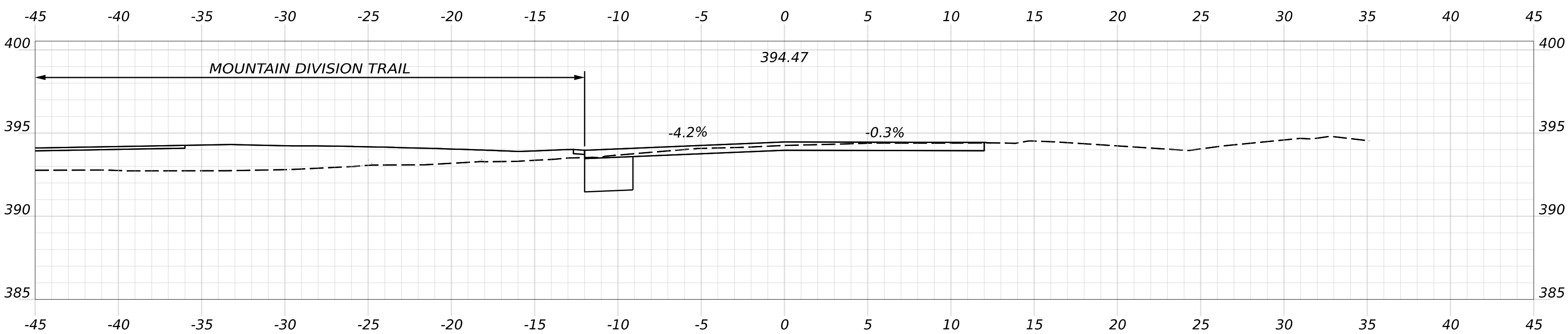
WIN
26858.10

HIGHWAY PLANS

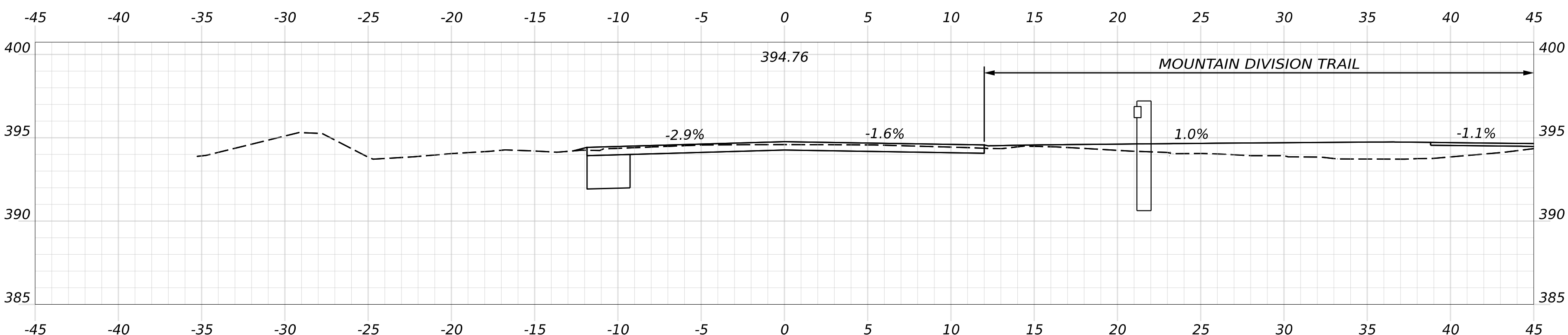
Filename: Cross Sections_Local_Roads.dgn



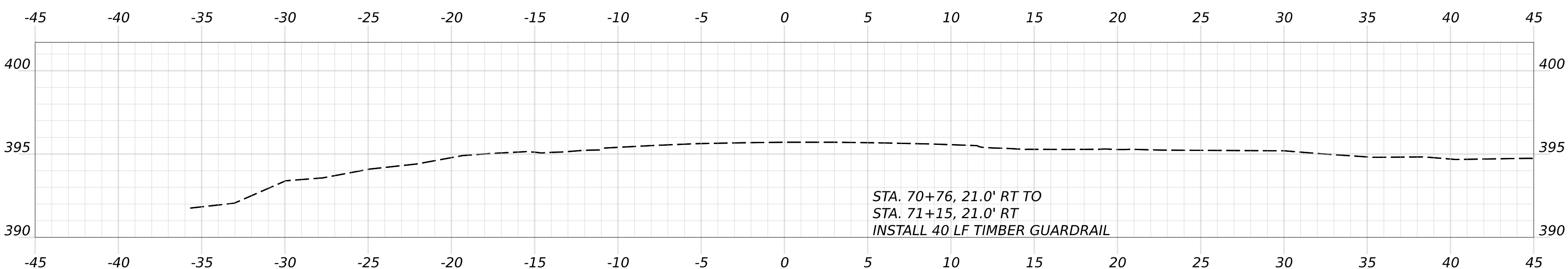
72+00.00



71+50.00



71+00.00



70+50.00



OF 236

201

SHEET NUMBER

HIRAM, BROWNFIELD, FRYEBURG
MOUNTAIN DIVISION TRAIL
DENMARK ROAD (ROUTE 160)
CROSS SECTIONS

PROJ. MANAGER	D. LORING	BY		DATE	
DESIGN-DETAILED	C. HELMICK	C. HELMICK	09/26		
CHECKED-REVIEWED	L. ZACCHINI	L. ZACCHINI	09/26		
DESIGN2-DETAILED2					
DESIGN3-DETAILED3					
REVISIONS 1					
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					

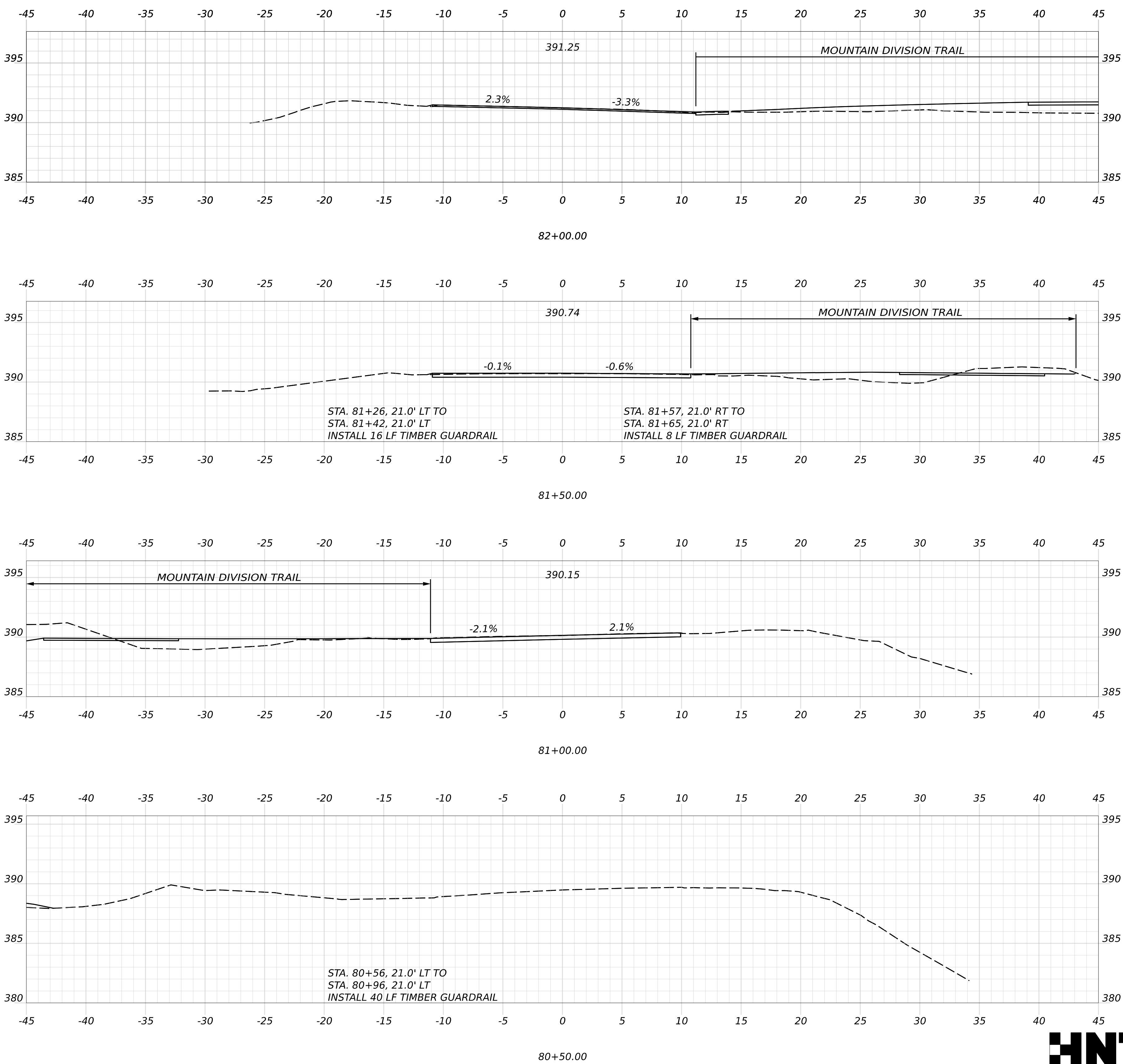
SIGNATURE

P.E. NUMBER

DATE

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
2685810	
WIN 26858.10	HIGHWAY PLANS

Filename: Cross Sections_Local_Roads.dgn



PROJ. MANAGER	D. LORING	BY		DATE	
DESIGN-DETAILED	C. HELMICK	C. HELMICK	09/26		
CHECKED-REVIEWED	L. ZACCHINI	L. ZACCHINI	09/26		
DESIGN2-DETAILED2					
DESIGN3-DETAILED3					
REVISIONS 1					
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					

SIGNATURE

P.E. NUMBER

DATE

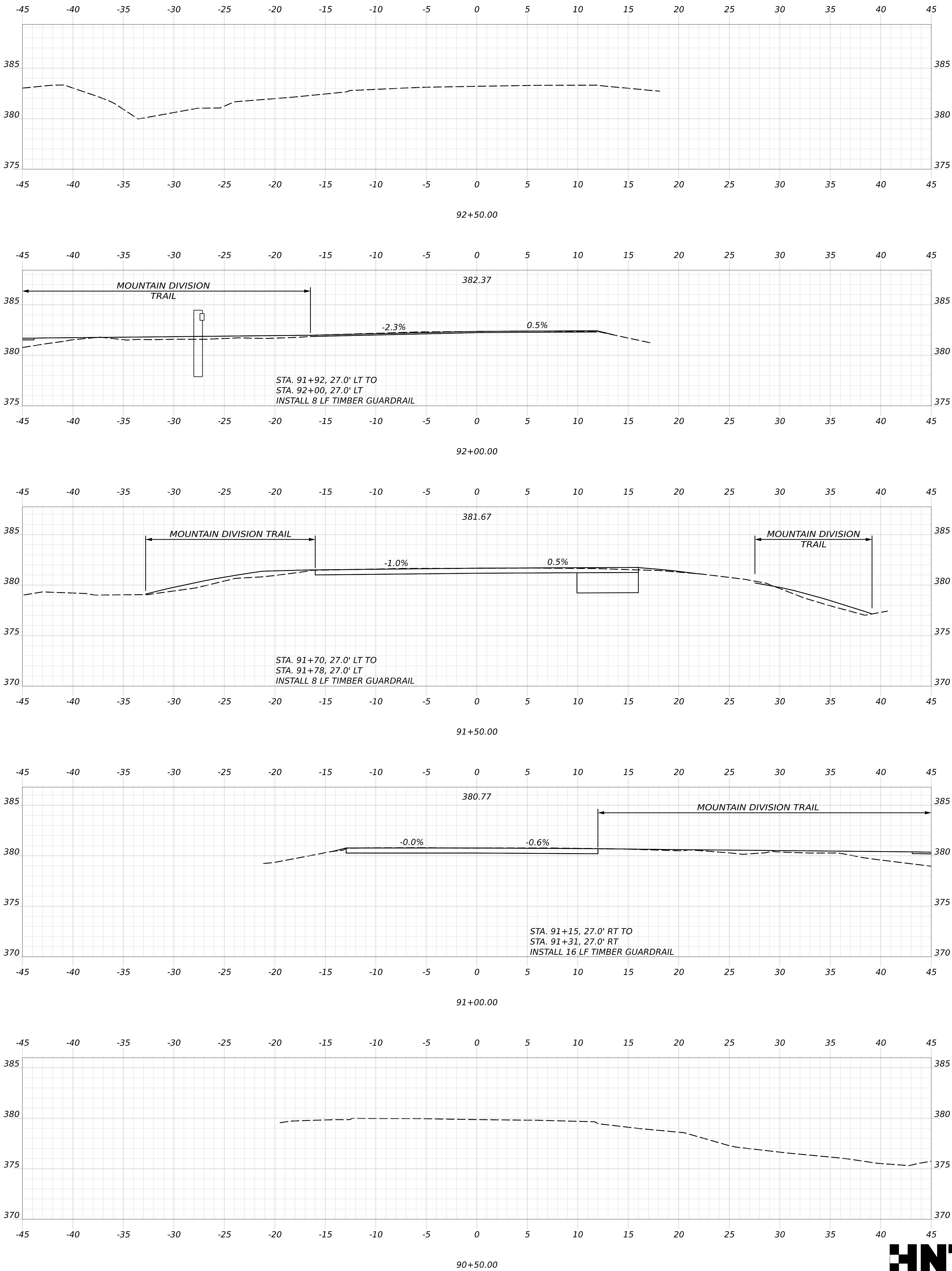
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

2685810

WIN
26858.10

HIGHWAY PLANS

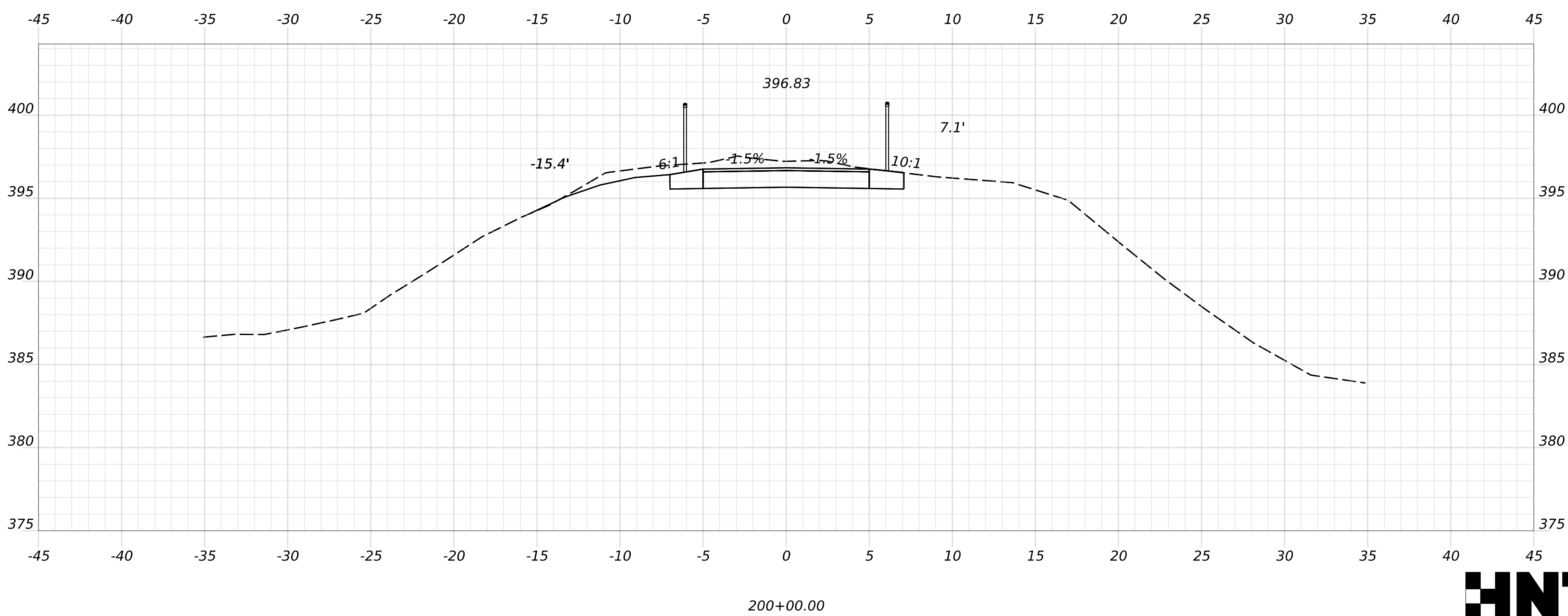
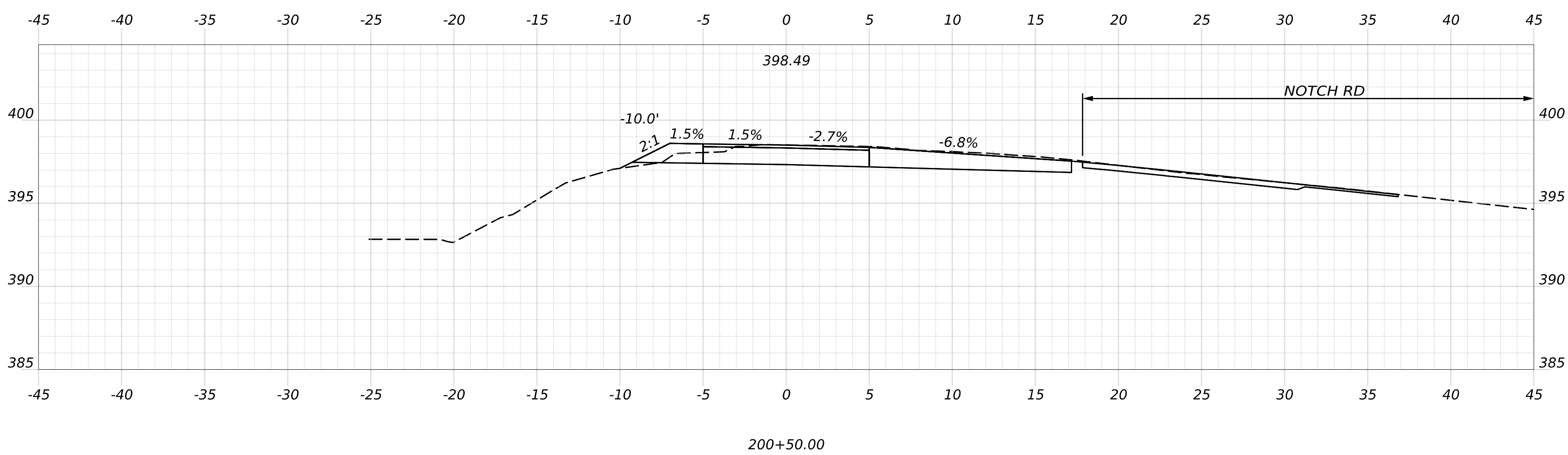
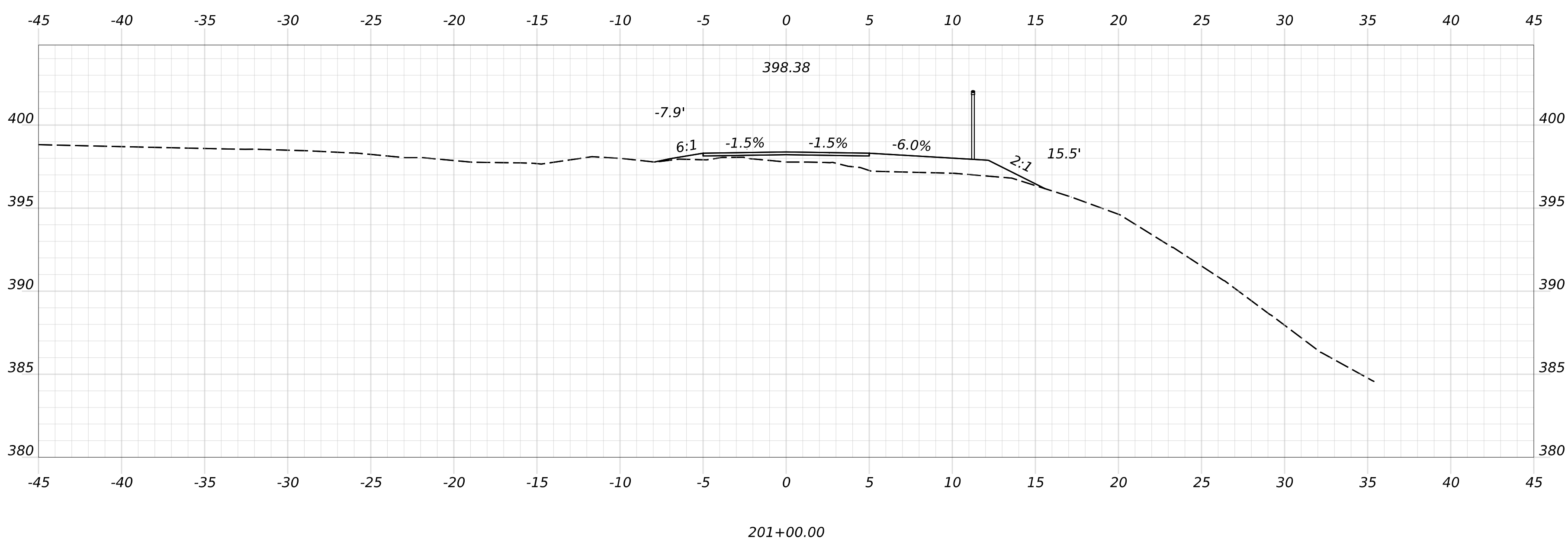
Filename: Cross Sections_Local_Roads.dgn



PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	C. HELMICK	C. HELMICK	09/26
CHECKED-REVIEWED	L. ZACCHINI	L. ZACCHINI	09/26
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
P.E. NUMBER
DATE

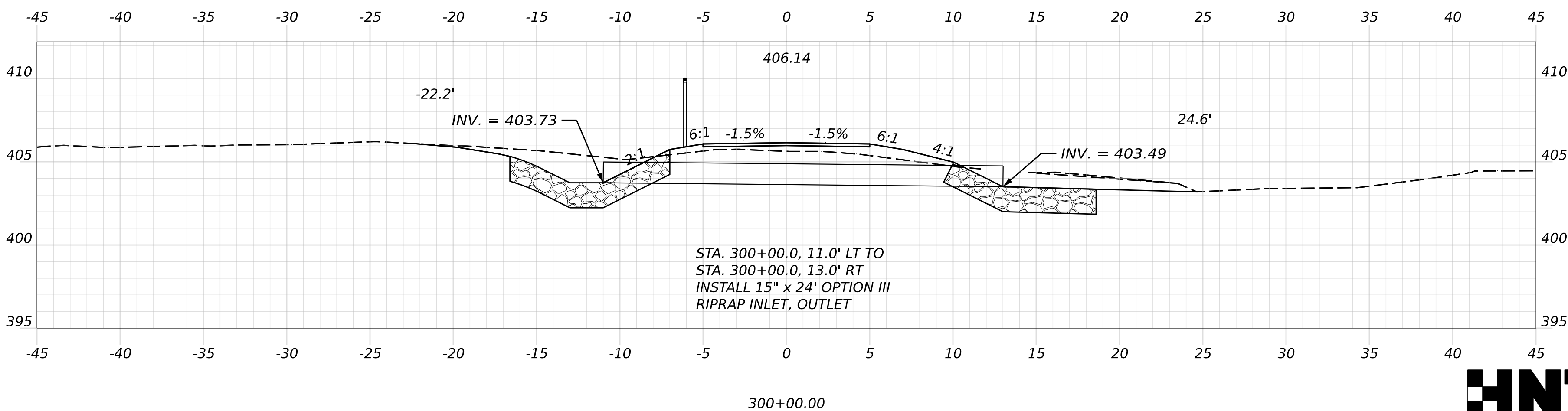
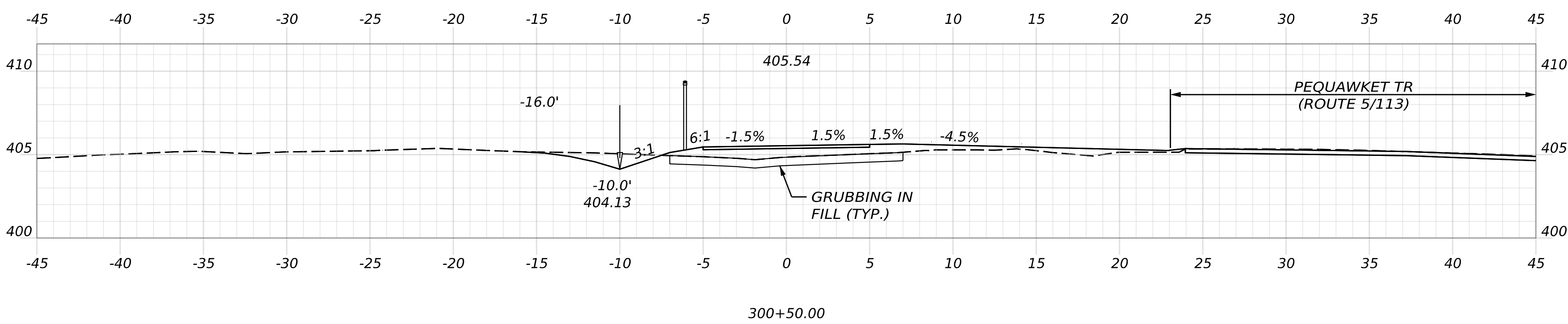
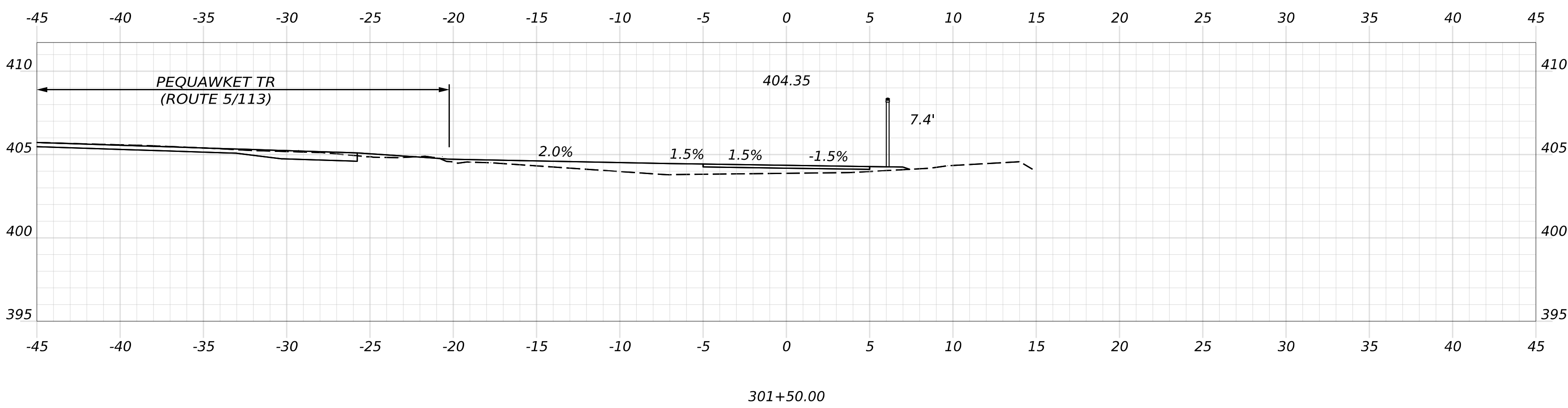
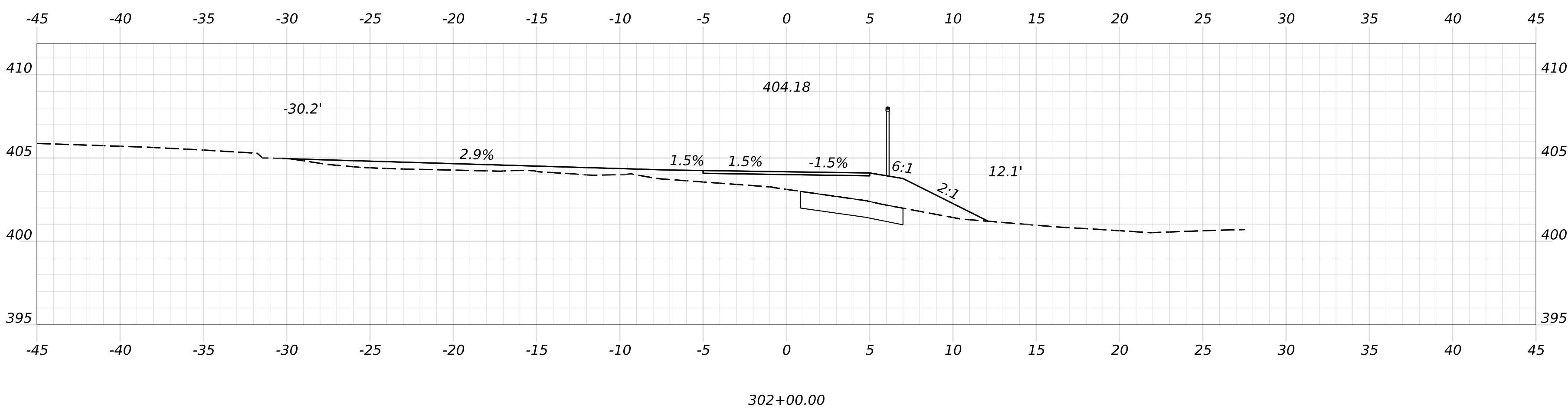
STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
2685810	
WIN 26858.10	HIGHWAY PLANS



HNTB

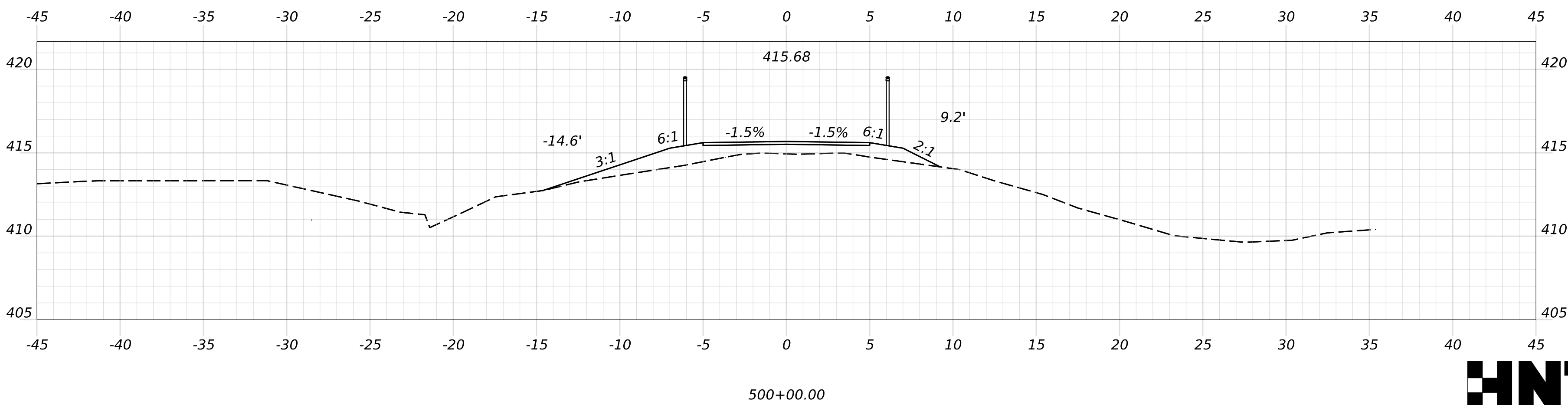
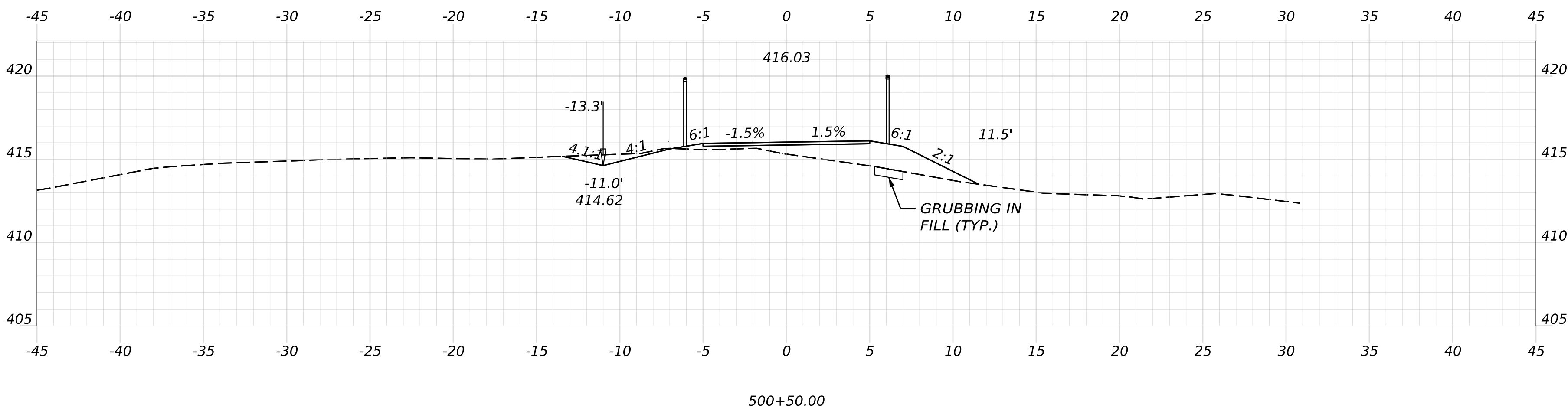
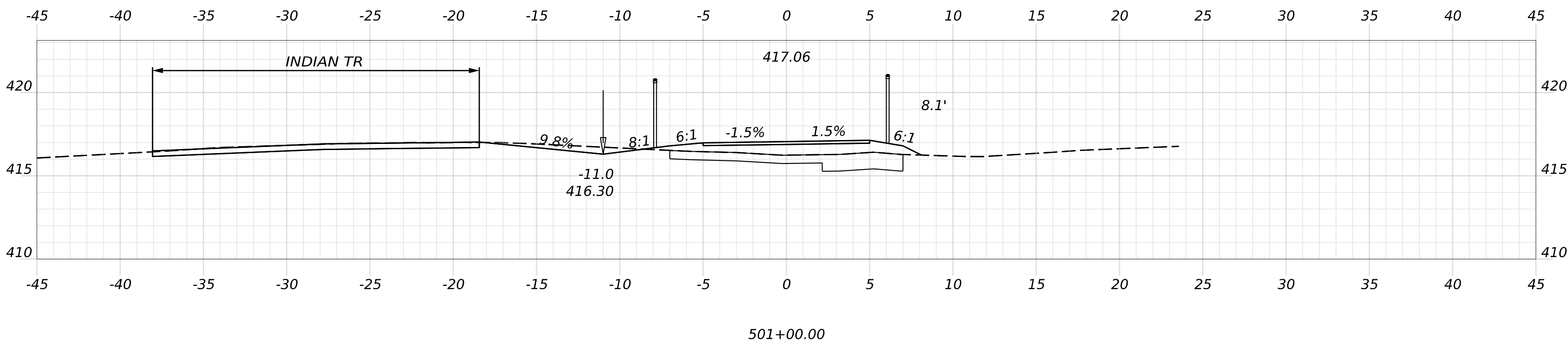
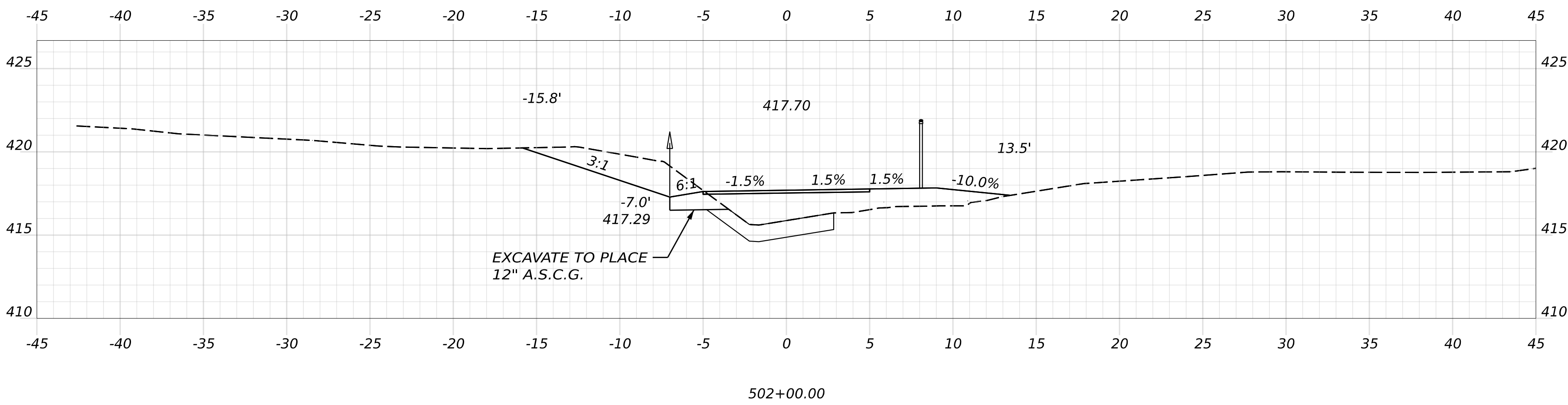
OF 236	204	SHEET NUMBER	HIRAM, BROWNFIELD, FRYEBURG MOUNTAIN DIVISION TRAIL	PROJ. MANAGER D. LORING				BY	DATE	SIGNATURE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION								
				DESIGN-DETAILED		C. HELMICK		C. HELMICK	09/26		P.E. NUMBER	2685810							
				CHECKED-REVIEWED		L. ZACCHINI		L. ZACCHINI	09/26										
				DESIGN-2-DETAILED2															
				DESIGN-3-DETAILED3															
				REVISIONS 1															
				REVISIONS 2															
				REVISIONS 3															
				REVISIONS 4															
				FIELD CHANGES															
ALIGNMENT A CROSS SECTIONS								DATE								WIN 26858.10			

Filename: Cross Sections_(Crossings).dgn



OF 236	SHEET NUMBER 205	HIRAM, BROWNFIELD, FRYEBURG MOUNTAIN DIVISION TRAIL ALIGNMENT B CROSS SECTIONS	PROJ. MANAGER				D. LORING	BY	DATE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION 2685810 WIN 26858.10 HIGHWAY PLAN
			DESIGN-DETAILED				C. HELMICK	C. HELMICK	09/26	
			CHECKED-REVIEWED				L. ZACCHINI	L. ZACCHINI	09/26	
			DESIGN2-DETAILED2							
			DESIGN3-DETAILED3							
			REVISIONS 1							
			REVISIONS 2							
			REVISIONS 3							
			REVISIONS 4							
			FIELD CHANGES							

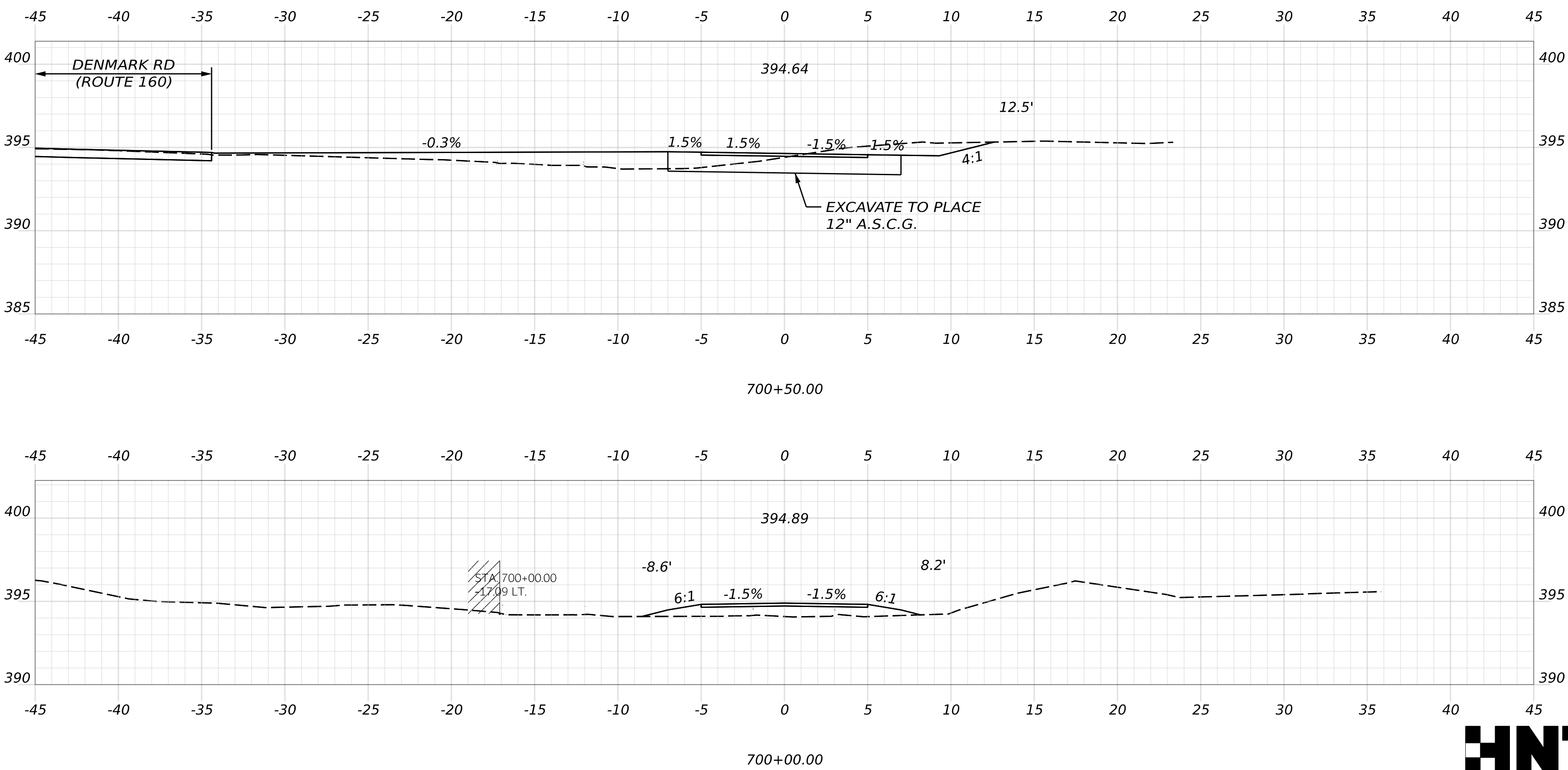
Filename: Cross Sections_(Crossings).dgn



PROJ. MANAGER	D. LORING	BY		DATE	
DESIGN-DETAILED	C. HELMICK	C. HELMICK	09/26		
CHECKED-REVIEWED	L. ZACCHINI	L. ZACCHINI	09/26		
DESIGN2-DETAILED2					
DESIGN3-DETAILED3					
REVISIONS 1					
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					

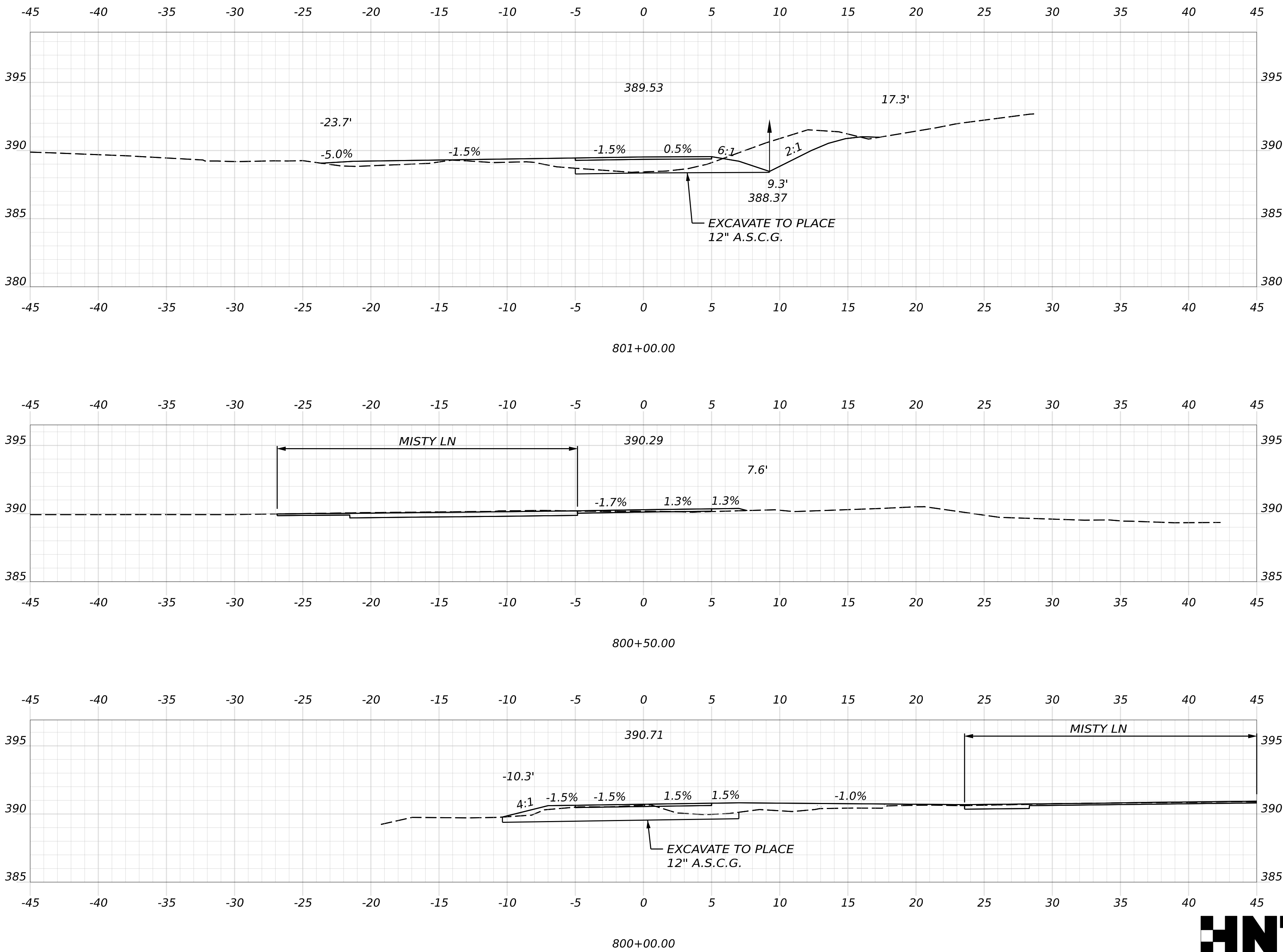
SIGNATURE
P.E. NUMBER
DATE

Filename: Cross Sections_(Crossings).dgn



OF 236	SHEET NUMBER 207	HIRAM, BROWNFIELD, FRYEBURG MOUNTAIN DIVISION TRAIL	PROJ. MANAGER D. LORING				BY	DATE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION
			DESIGN-DETAILED		C. HELMICK	C. HELMICK	09/26	SIGNATURE	
			CHECKED-REVIEWED		L. ZACCHINI	L. ZACCHINI	09/26		
			DESIGN2-DETAILED2						
			DESIGN3-DETAILED3						
			REVISIONS 1				P.E. NUMBER		
			REVISIONS 2						
			REVISIONS 3						
			REVISIONS 4						
			FIELD CHANGES				DATE		
		ALIGNMENT D CROSS SECTIONS				WIN 26858.10		HIGHWAY PLANS	

Filename: Cross Sections_(Crossings).dgn



PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	C. HELMICK	C. HELMICK	09/26
CHECKED-REVIEWED	L. ZACCHINI	L. ZACCHINI	09/26
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

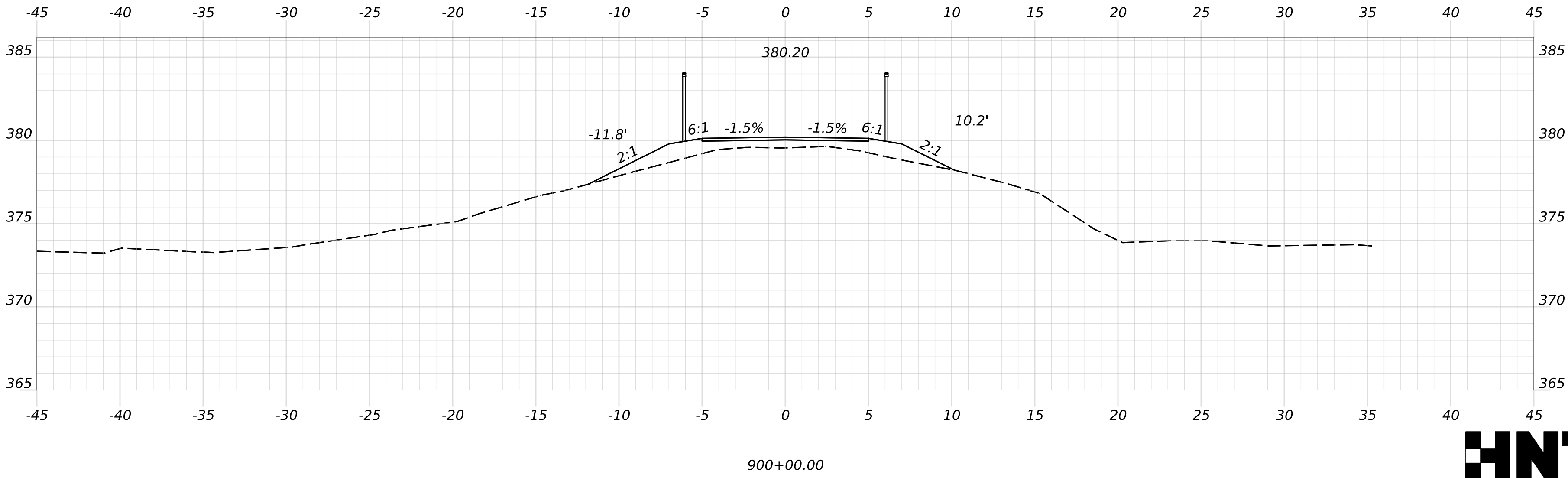
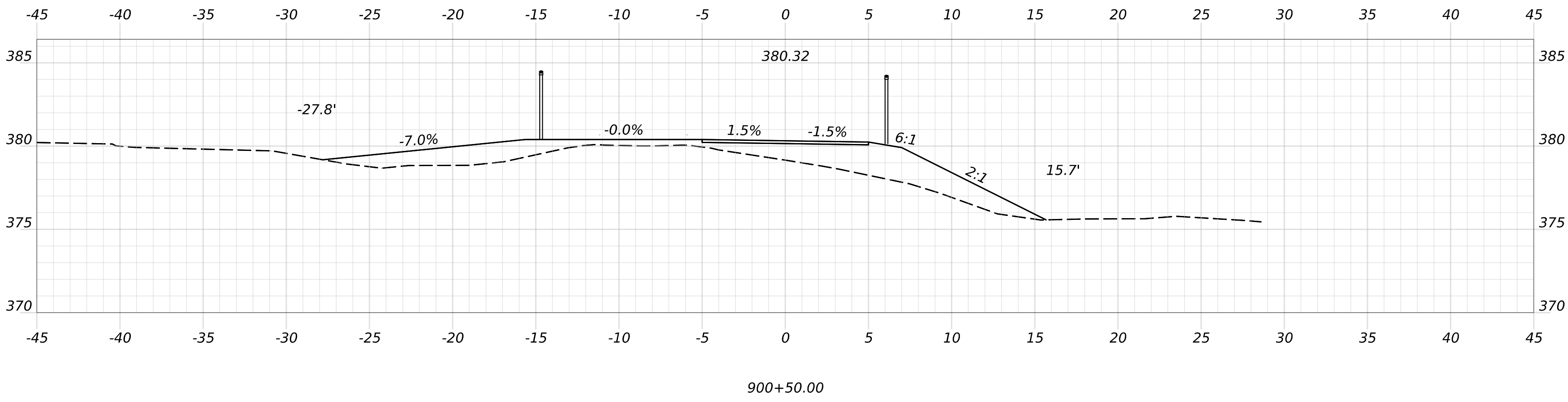
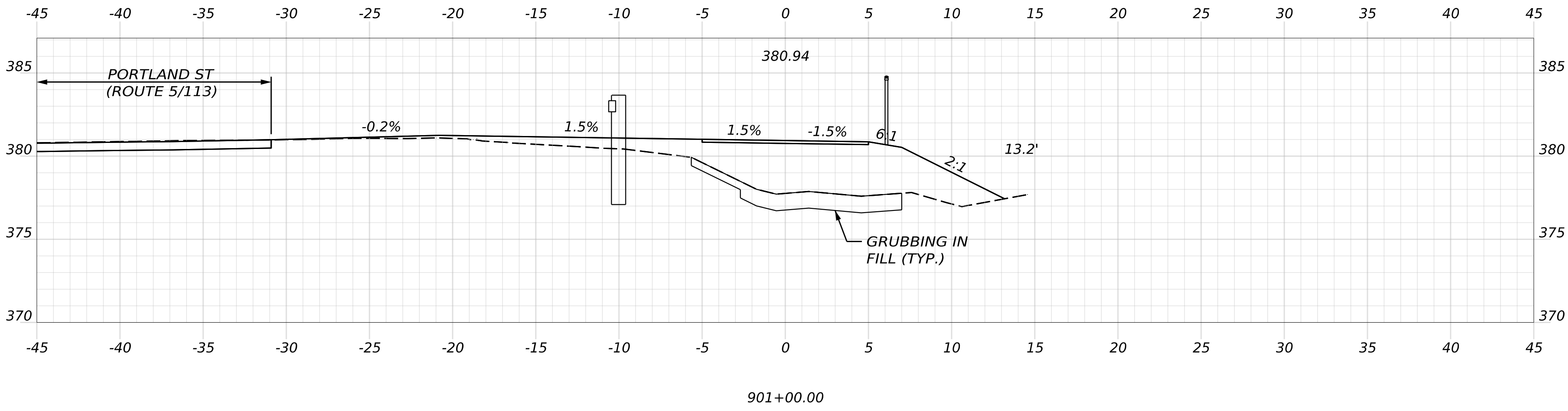
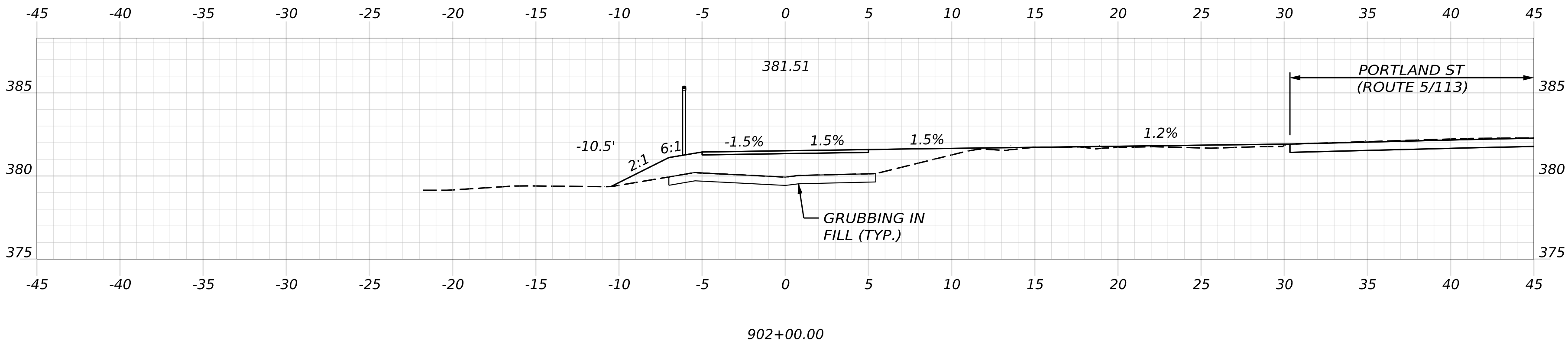
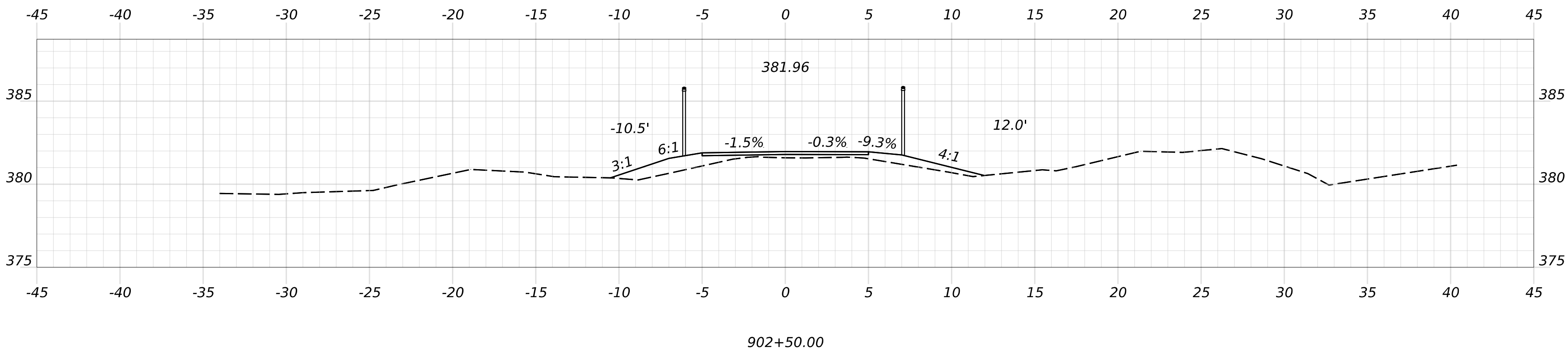
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

2685810

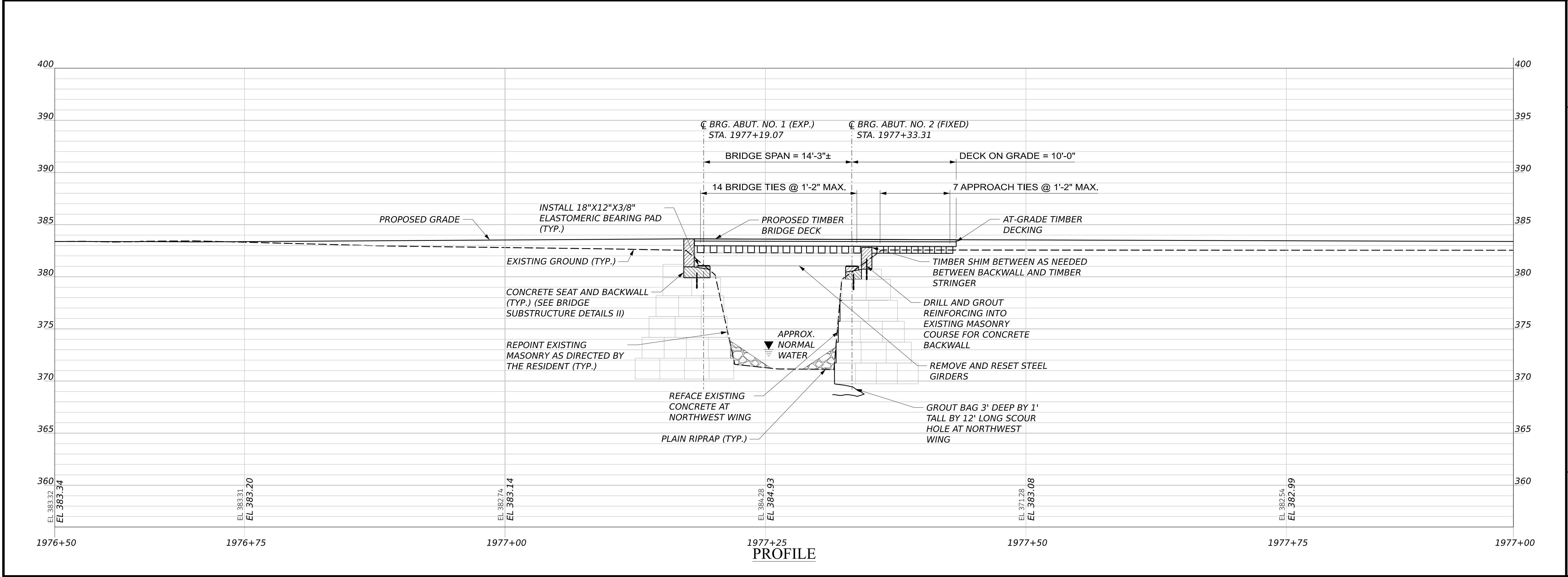
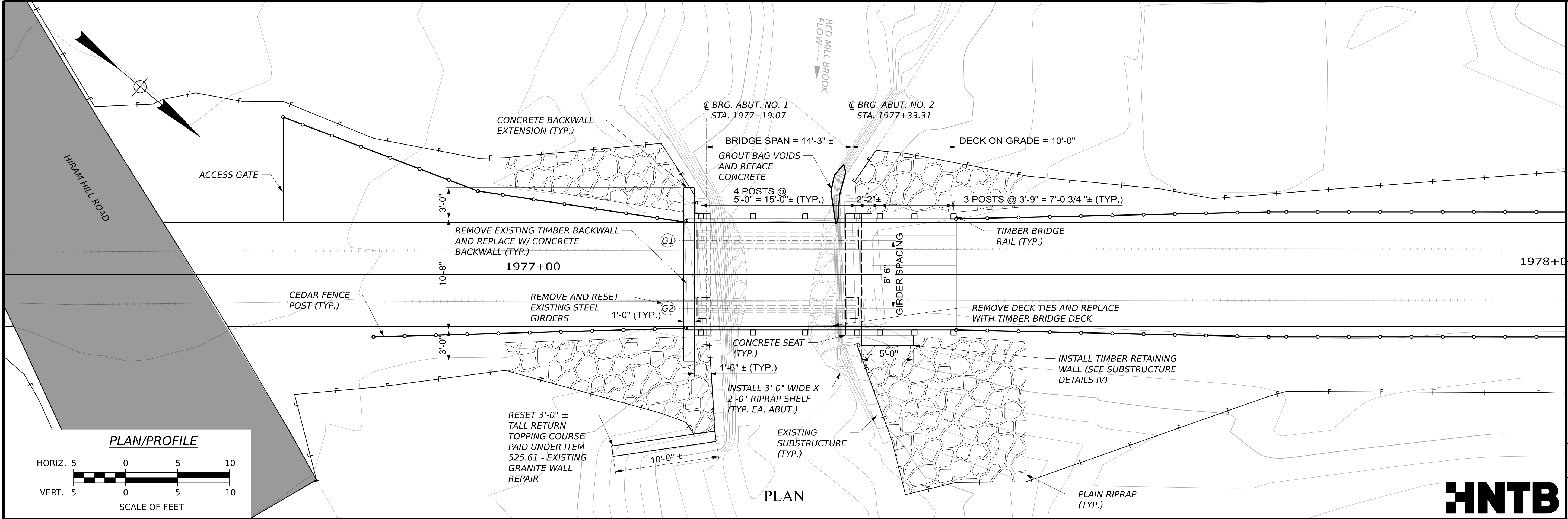
WIN
26858.10

HIGHWAY PLANS

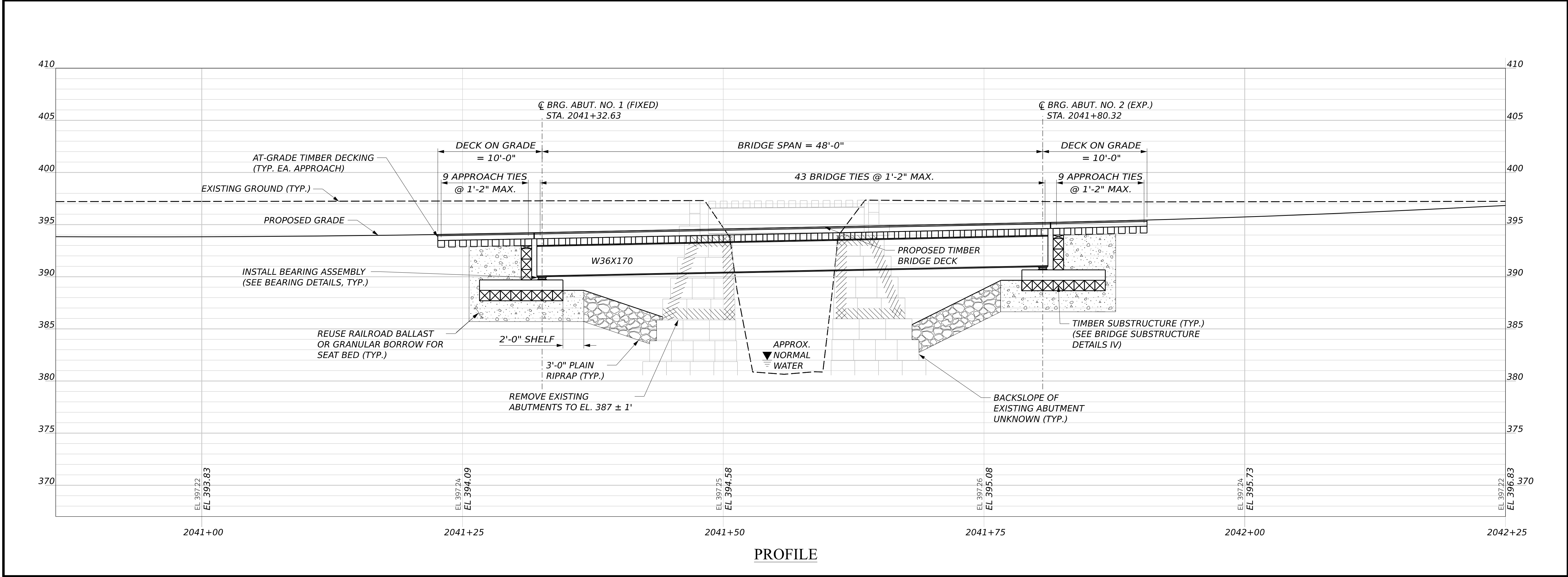
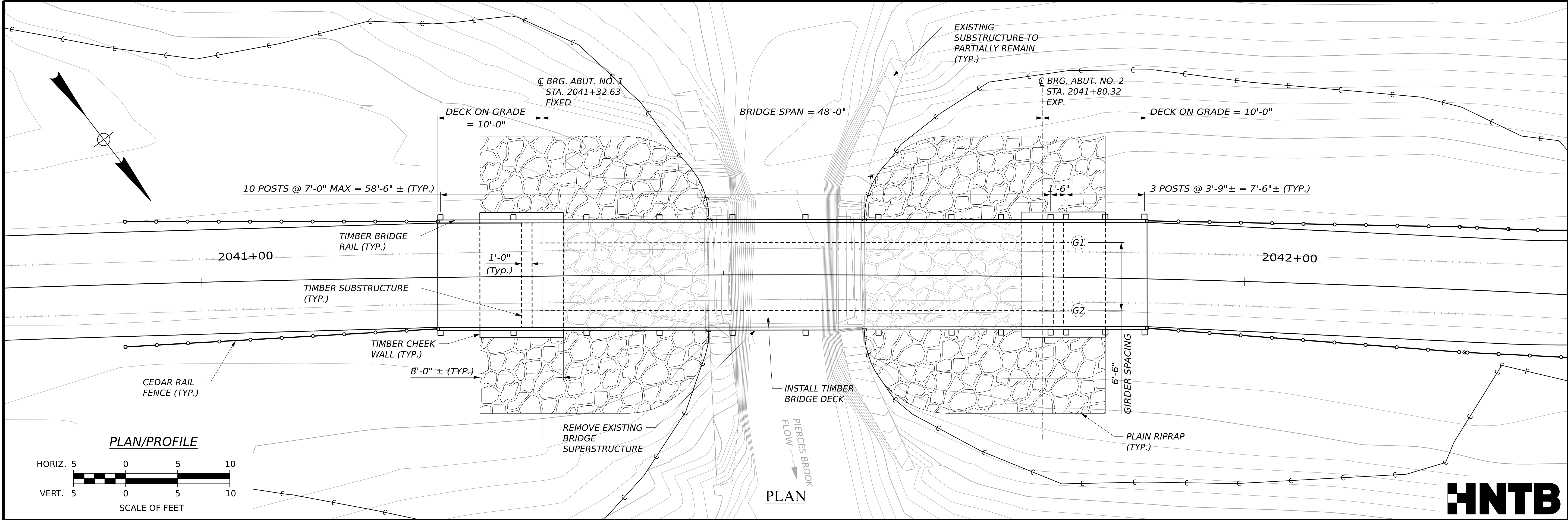
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OF 236	SHEET NUMBER	209	HIRAM, BROWNFIELD, FRYEBURG MOUNTAIN DIVISION TRAIL	PROJ. MANAGER D. LORING BY DATE				STATE OF MAINE DEPARTMENT OF TRANSPORTATION		
				DESIGN-DETAILED		C. HELMICK	C. HELMICK		09/26	
				CHECKED-REVIEWED		L. ZACCHINI	L. ZACCHINI		09/26	
				DESIGN-DETAILED2						
			ALIGNMENT F/G CROSS SECTIONS				SIGNATURE			
			REVISIONS 1				P.E. NUMBER			
			REVISIONS 2				DATE			
			REVISIONS 3							
			REVISIONS 4							
			FIELD CHANGES							



STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		2685810		WIN		26858.10		BRIDGE PLANS	
MOUNTAIN DIVISION TRAIL		BRIDGE NO. 7680		HIRAM, BROWNFIELD, FRYEBURG		RED MILL BROOK		PLAN/PROFILE		SHEET NUMBER	
211		OF		236							
PROJECT MANAGER		DESIGN-REVIEWED		CHECKED-REVIEWED		DESIGN-REVIEWED		DESIGN-REVIEWED		SIGNATURE	
D. LORING		N. BAERT		H. WALTON		L. ZACCHINI		09/26		09/26	
BY		DATE		P.E. NUMBER		DATE					
REVISIONS 1		REVISIONS 2		REVISIONS 3		REVISIONS 4		FIELD CHANGES			



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

2685810

WIN
26858.10

BRIDGE PLANS

PROJ. MANAGER	D. LORING	BY	DATE	SIGNATURE	P.E. NUMBER	DATE
CHECKED-REVIEWED	N. BAERT	N. BAERT	09/26			
DESIGNED-DETAILED	H. WALTON	L. ZACCINI	09/26			
DESIGNED-DETAILED						
DESIGNED-DETAILED						
REVISIONS 1						
REVISIONS 2						
REVISIONS 3						
REVISIONS 4						
FIELD CHANGES						

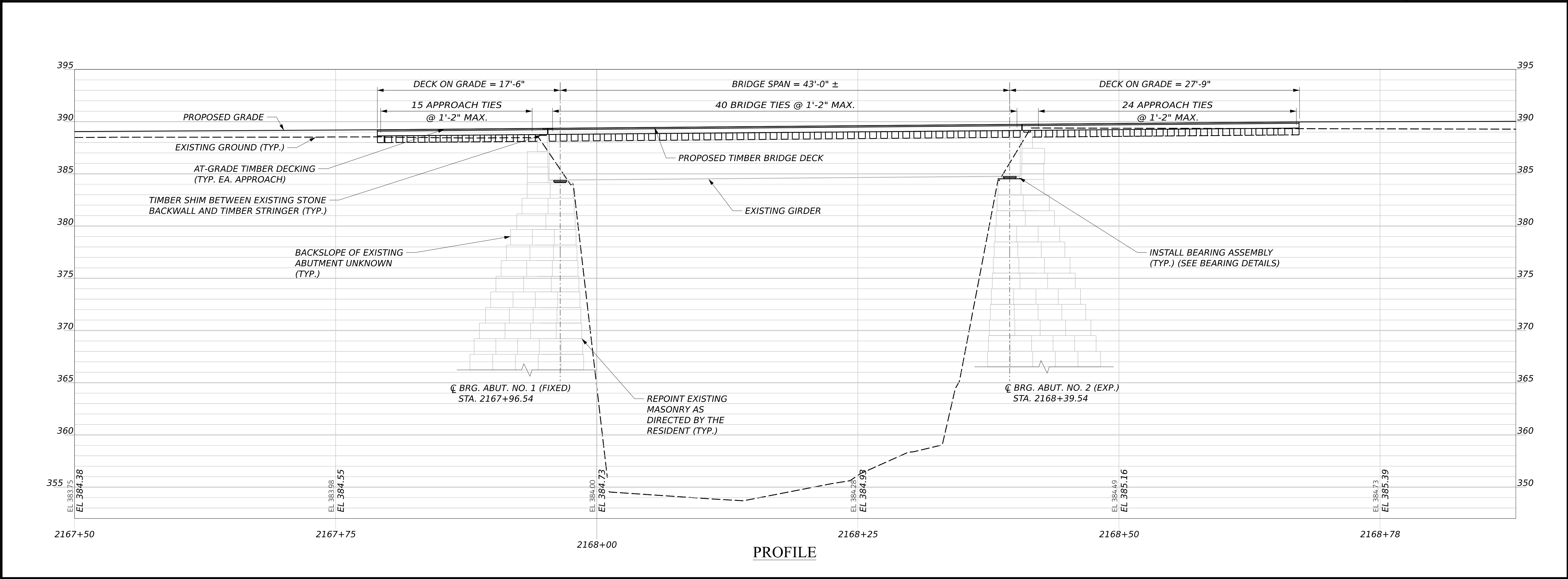
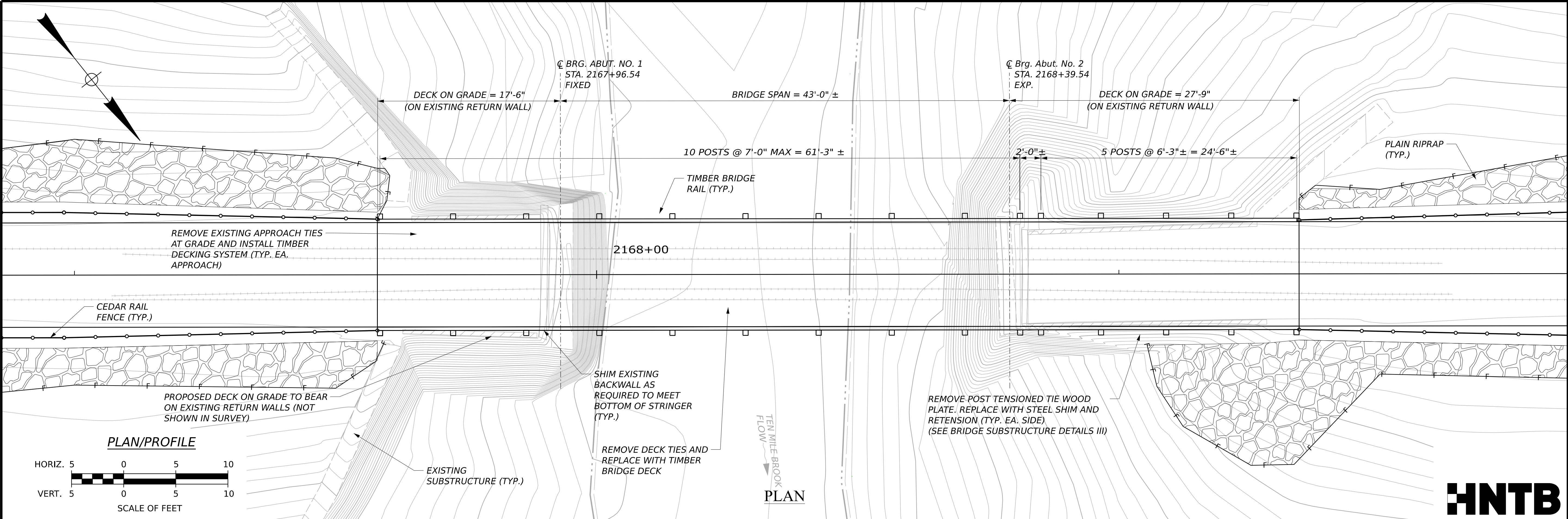
MOUNTAIN DIVISION TRAIL
BRIDGE NO. 7681
HIRAM, BROWNFIELD, FRYEBURG

PIERCES BROOK
PLAN/PROFILE

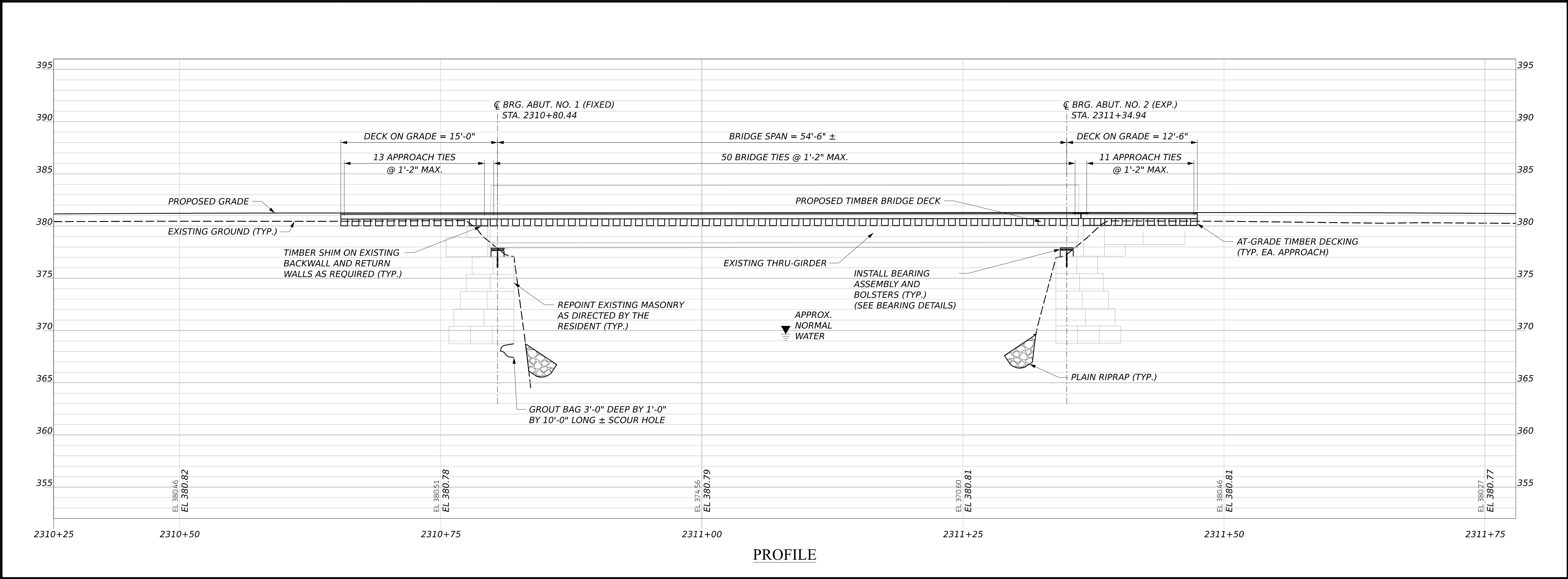
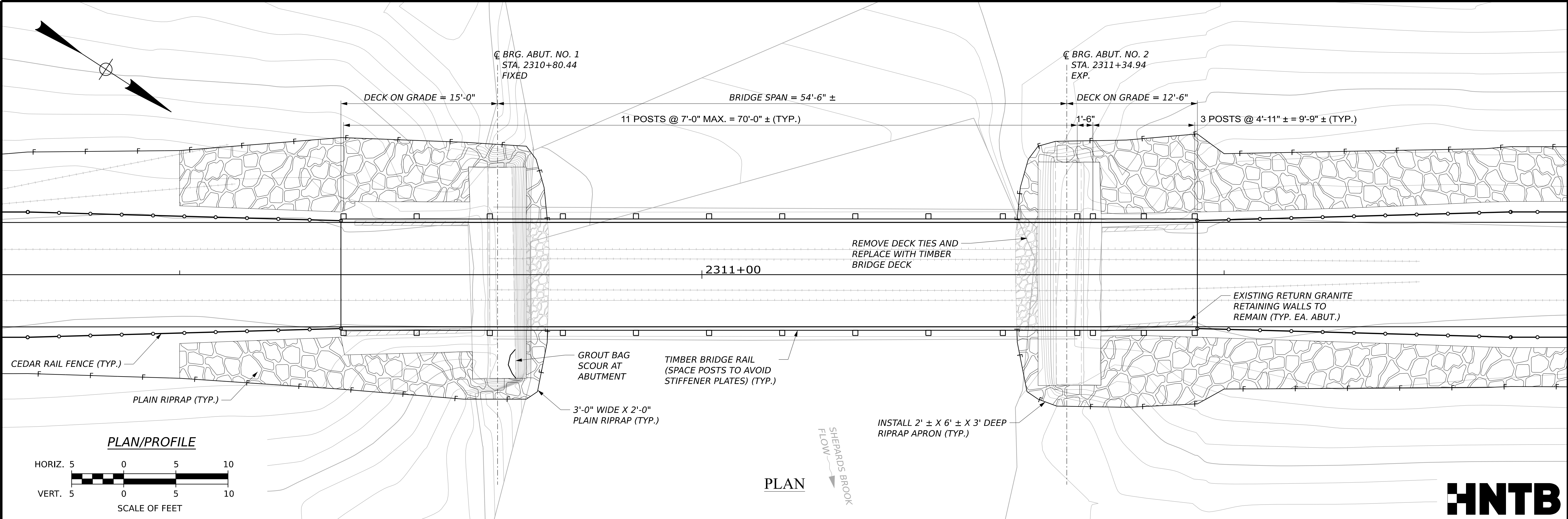
SHEET NUMBER

212

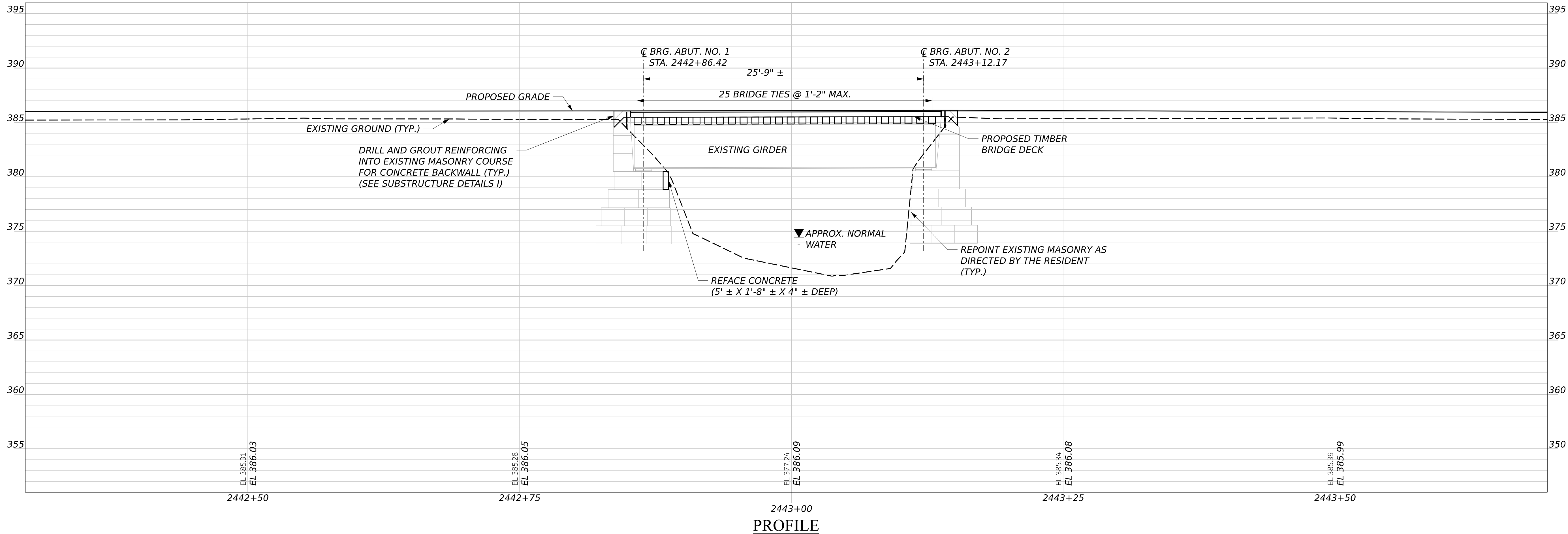
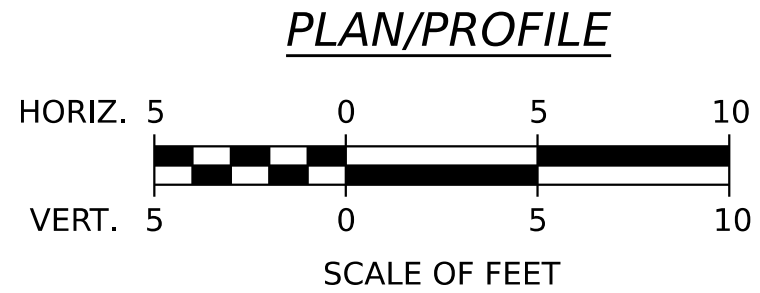
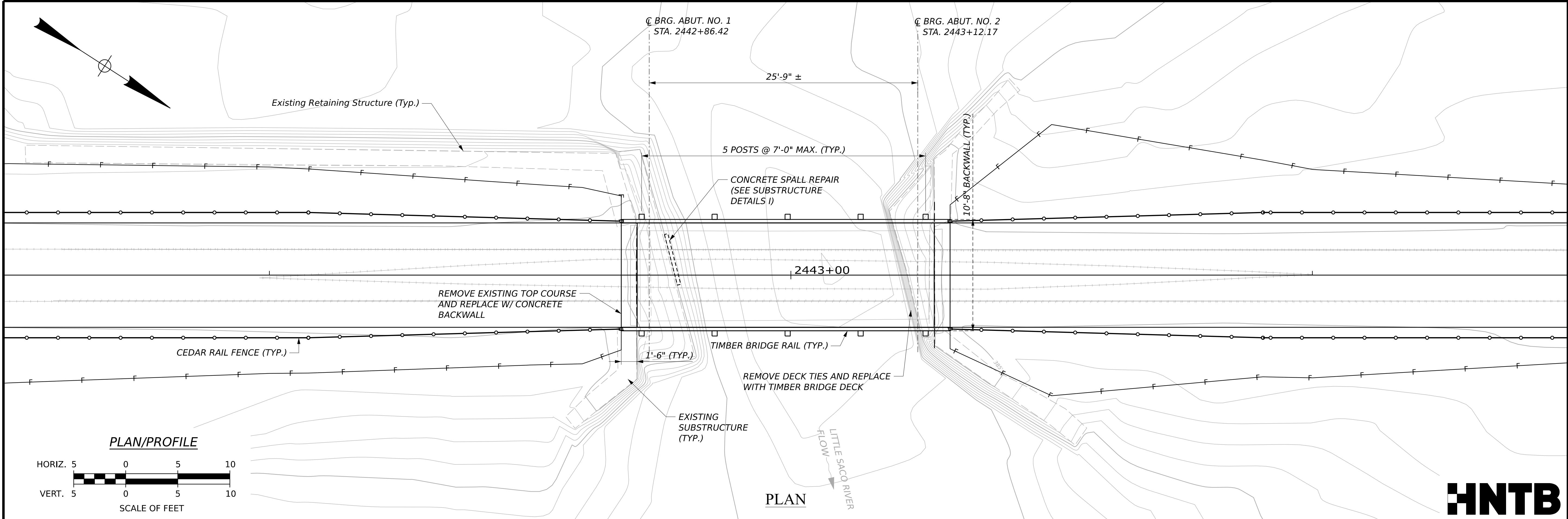
OF 236



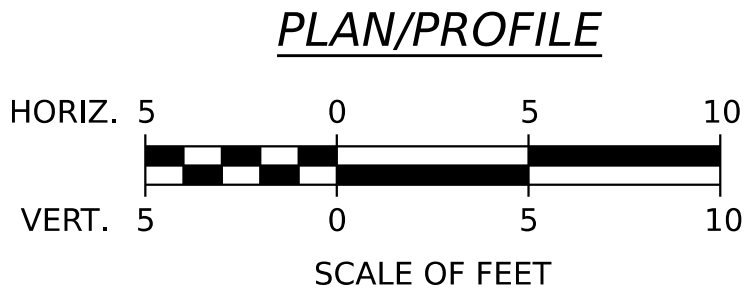
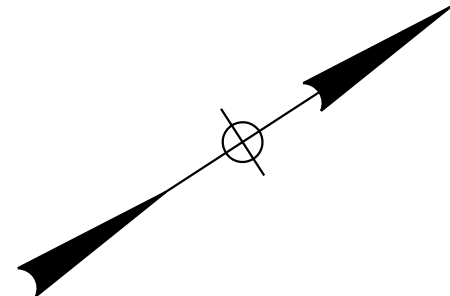
MOUNTAIN DIVISION TRAIL BRIDGE NO. 7682 HIRAM, BROWNFIELD, FRYEBURG					STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
10-MILE BROOK PLAN/PROFILE					2685810	
SHEET NUMBER 213 OF 236					WIN 26858.10 BRIDGE PLANS	
PROJ. MANAGER	D. LORING	BY	DATE			
DESIGN-DETAILED	N. BAERT	N. BAERT	09/26	SIGNATURE		
CHECKED-REVIEWED	H. WALTON	L. ZACCHINI	09/26			
DESIGN-DETAILED02						
DESIGN-DETAILED03				P.E. NUMBER		
REVISIONS 1						
REVISIONS 2						
REVISIONS 3				DATE		
REVISIONS 4						
FIELD CHANGES						



STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		2685810		WIN		26858.10		BRIDGE PLANS	
MOUNTAIN DIVISION TRAIL		BRIDGE NO. 7683		HIRAM, BROWNFIELD, FRYEBURG		SHEPARD'S BROOK		PLAN/PROFILE		SHEET NUMBER	
214		OF		236		SIGNATURE		P.E. NUMBER		DATE	
PROJ. MANAGER		D. LORING		BY		DATE		SIGNATURE		P.E. NUMBER	
DESIGN-DETAILED		N. BAERT		N. BAERT		09/26		SIGNATURE		P.E. NUMBER	
CHECKED-REVIEWED		H. WALTON		L. ZACCINI		09/26		SIGNATURE		P.E. NUMBER	
DESIGN-DETAILED2								SIGNATURE		P.E. NUMBER	
DESIGN-DETAILED3								SIGNATURE		P.E. NUMBER	
REVISIONS 1								SIGNATURE		P.E. NUMBER	
REVISIONS 2								SIGNATURE		P.E. NUMBER	
REVISIONS 3								SIGNATURE		P.E. NUMBER	
REVISIONS 4								SIGNATURE		P.E. NUMBER	
FIELD CHANGES								SIGNATURE		P.E. NUMBER	



MOUNTAIN DIVISION TRAIL BRIDGE NO. 7684 HIRAM, BROWNFIELD, FRYEBURG					STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
LITTLE SACO PLAN/PROFILE					2685810	
					WIN 26858.10	
					BRIDGE PLANS	
SHEET NUMBER					215	
OF 236						



APPROXIMATE ROW (TYP.)

RESET WINGWALL STONES
(APPROXIMATELY 5'-0" X 5'-0", TOP LEFT SECTION)
PAID UNDER ITEM 525.61 - EXISTING GRANITE WALL REPAIR

UNKNOWN BROOK FLOW

CL BOX CULVERT

TRAIL EDGE (TYP.)

2009+00

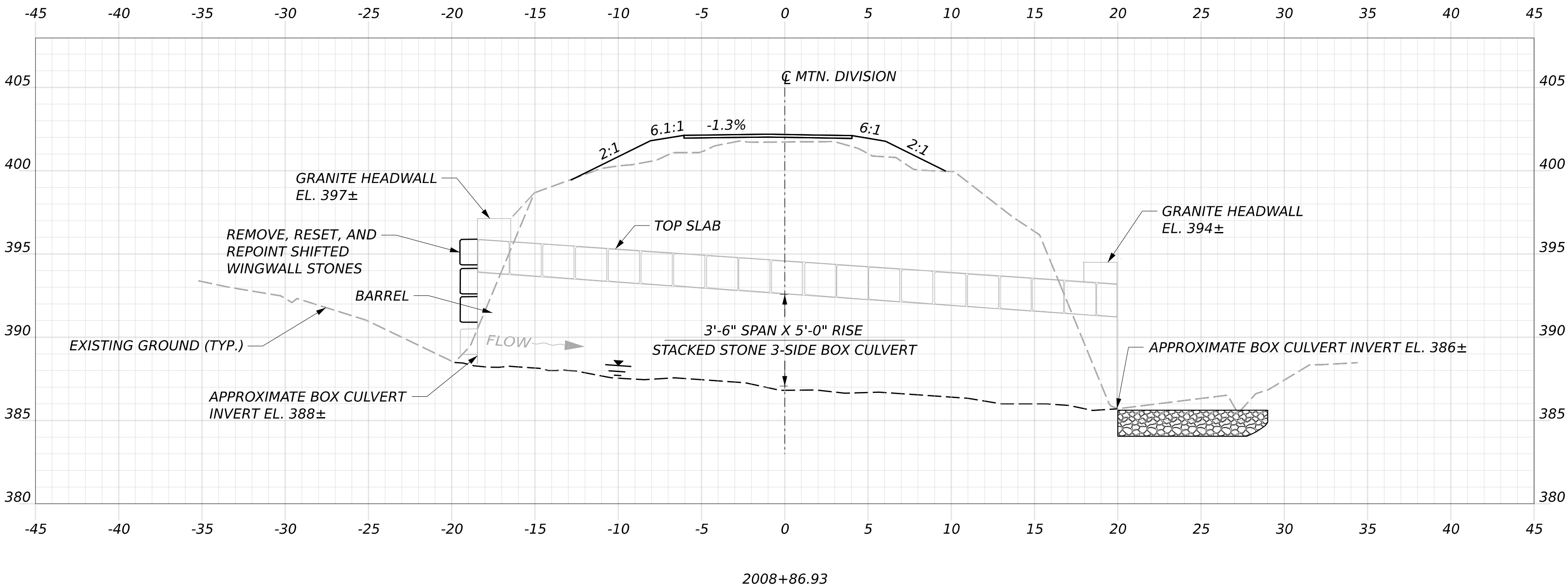
7°29'45" ± SKEW

STA. 2008+86.93

PLAN

REPOINT MORTAR JOINTS WITH MISSING OR LOOSE MORTAR AS DIRECTED BY THE RESIDENT

PLAIN RIPRAP (TYP.)



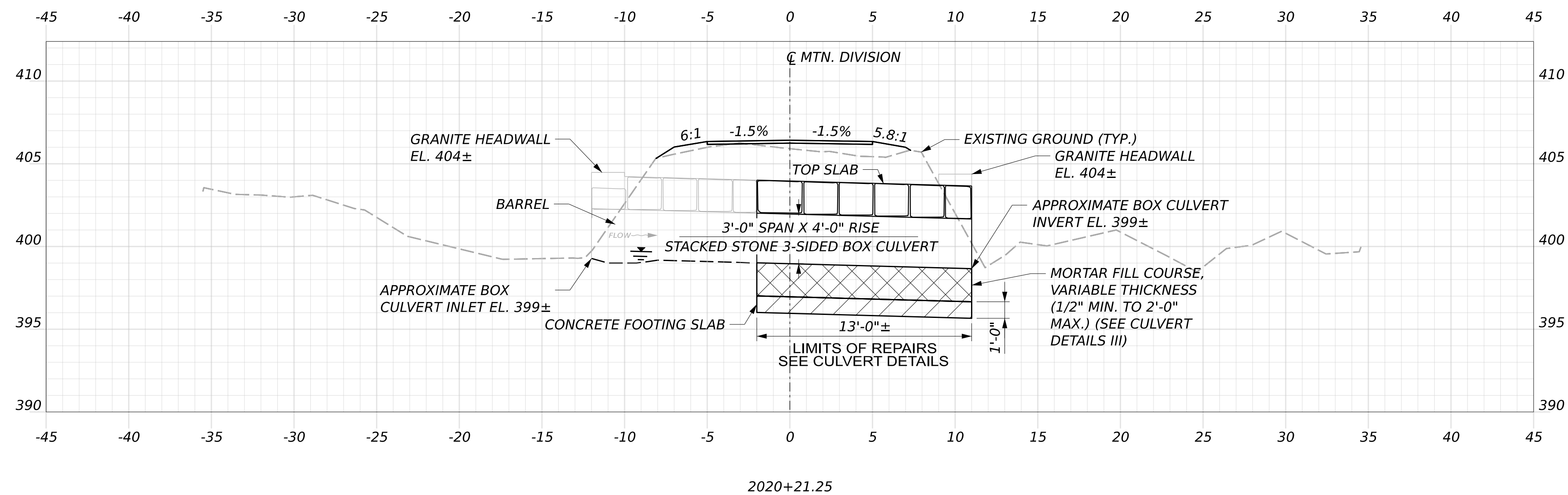
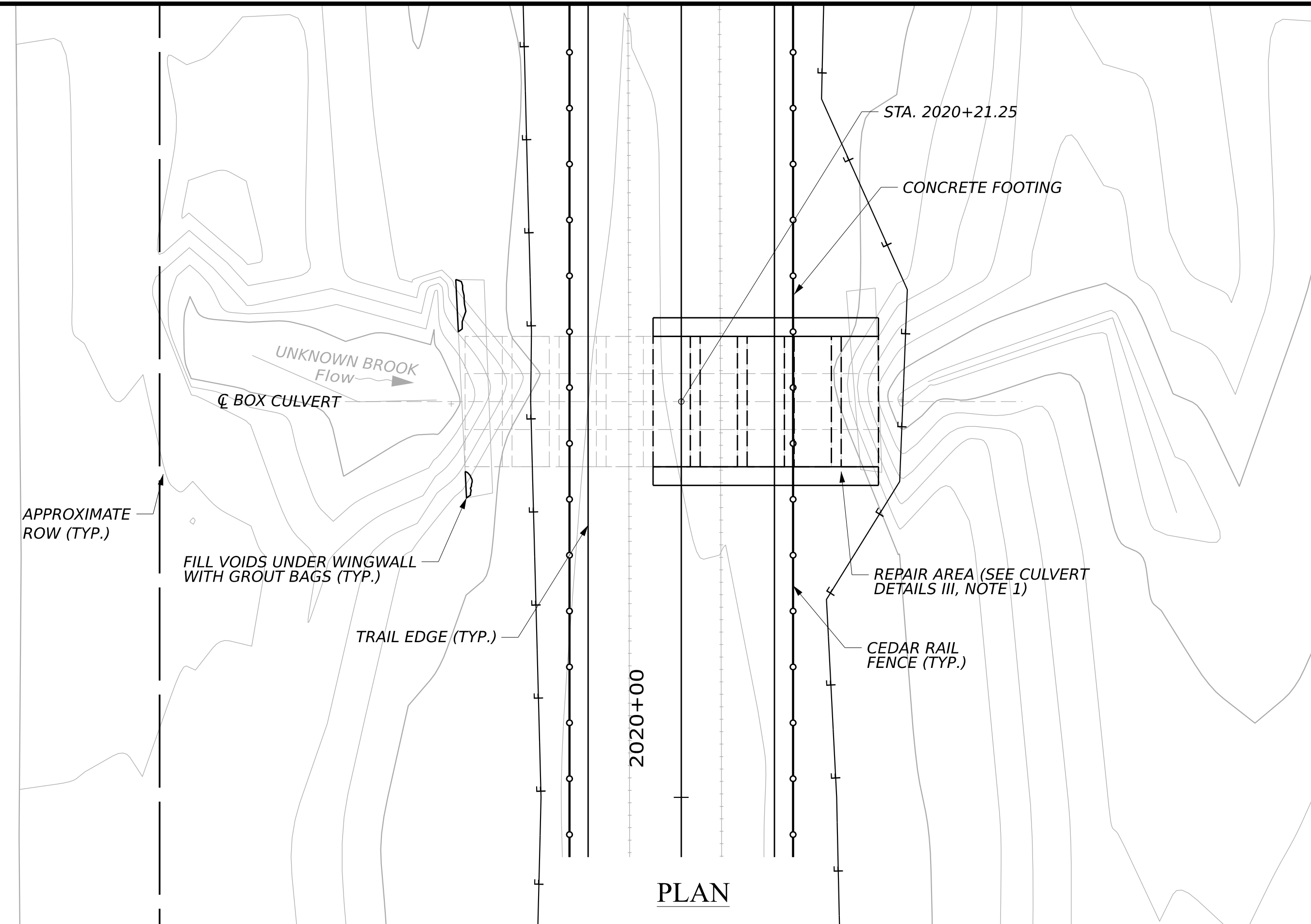
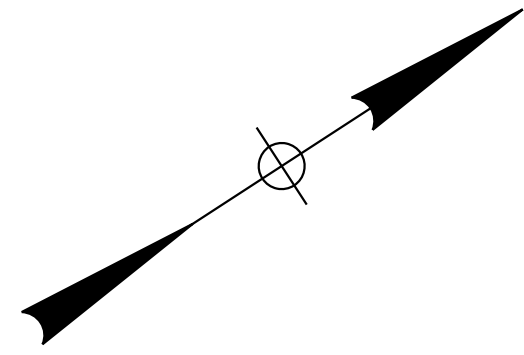
LONGITUDINAL SECTION

STATE OF MAINE	
DEPARTMENT OF TRANSPORTATION	
2685810	
WIN	
26858.10	
BRIDGE PLANS	

PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	K. SCHWELER	L. ZACCHINI	09/26
CHECKED-REVIEWED	N. BAERT		
DESIGN-DETAILED2			
DESIGN-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

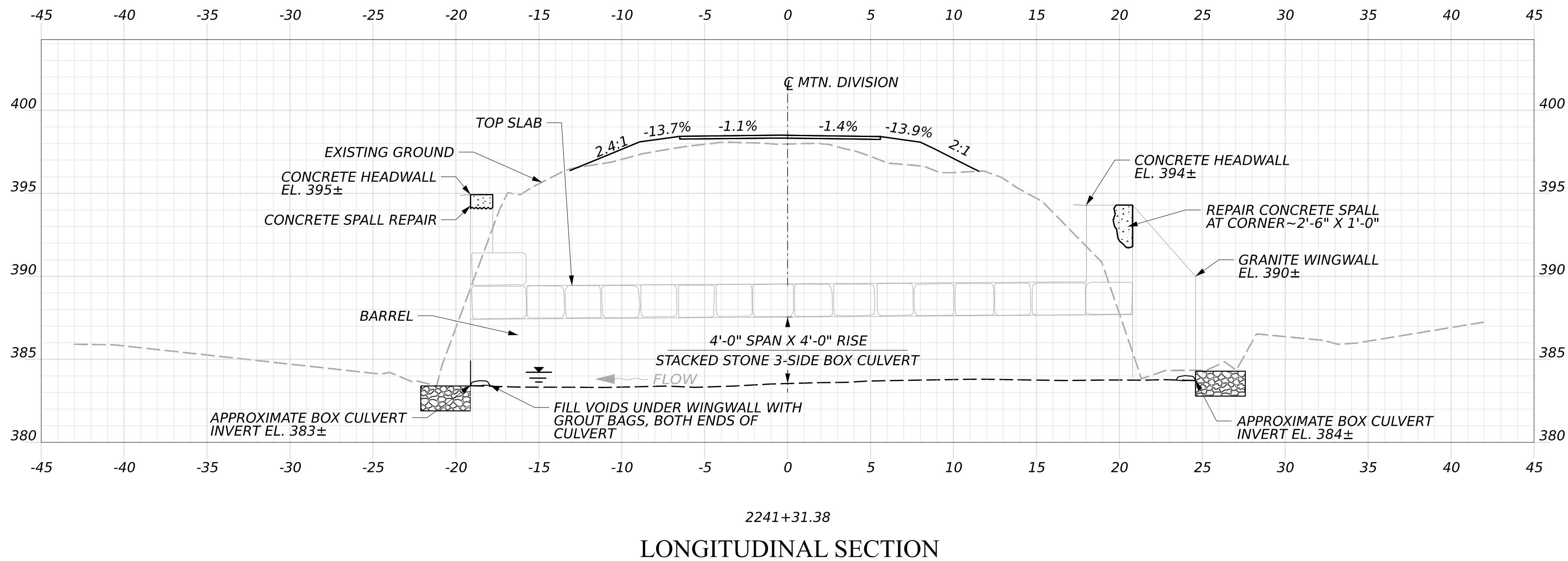
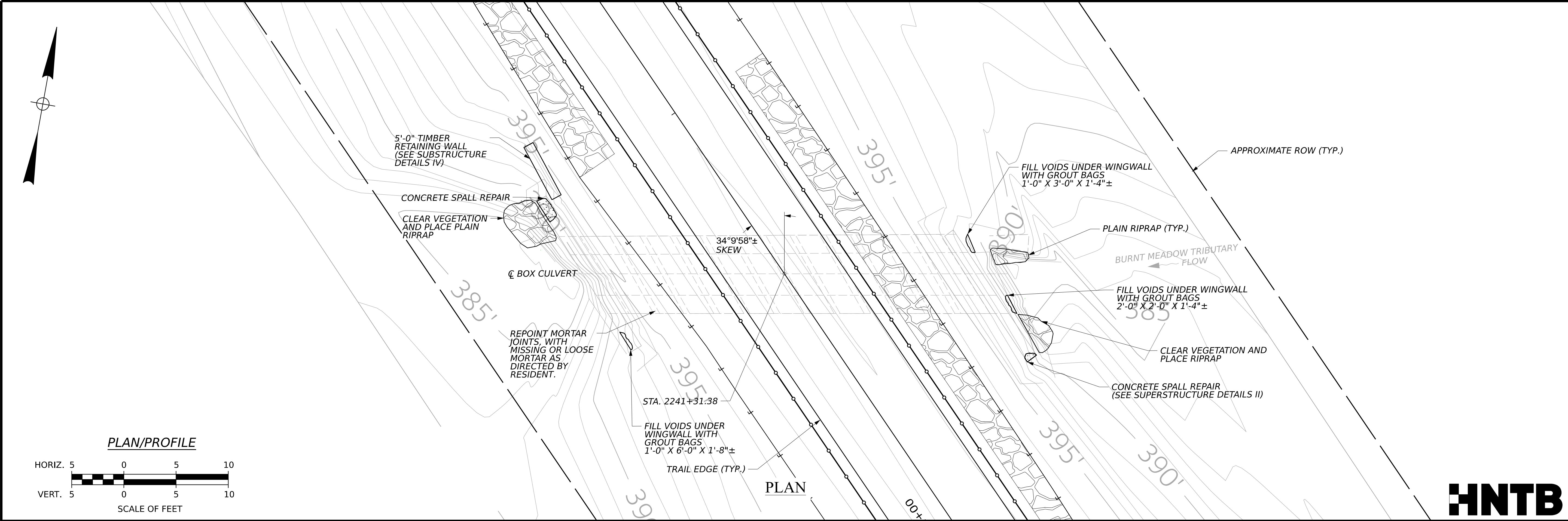
MOUNTAIN DIVISION TRAIL
CULVERT CROSSING
HIRAM, BROWNFIELD, FRYEBURG
CULVERT A
PLAN & SECTION

SHEET NUMBER
216
OF 236



HNTB

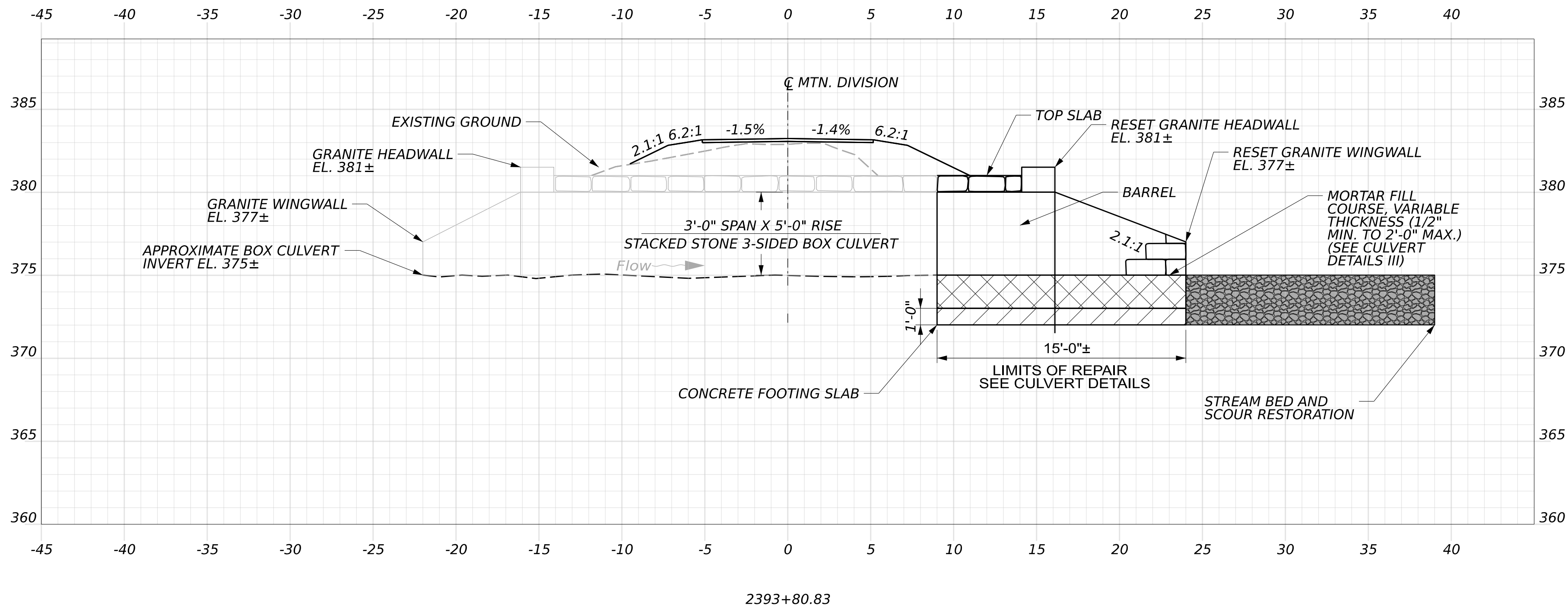
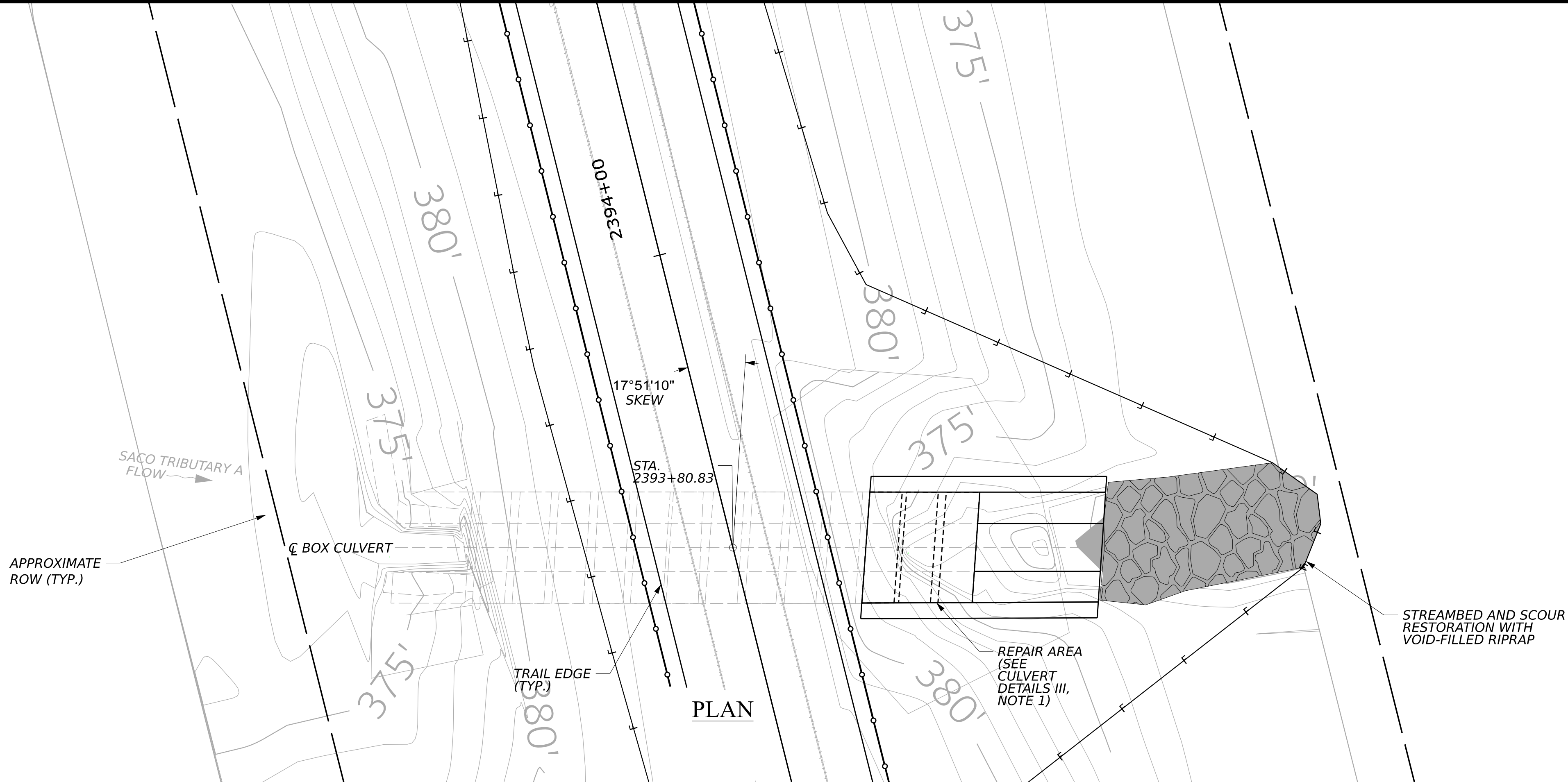
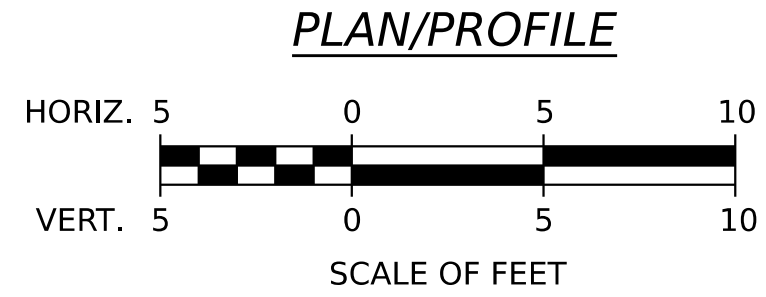
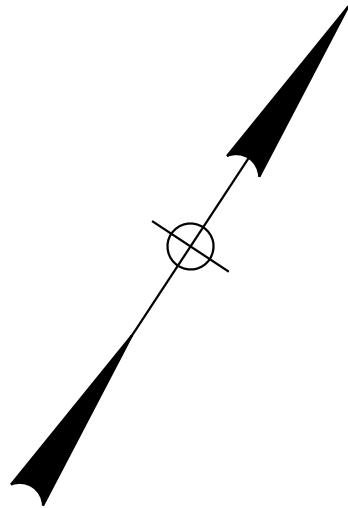
MOUNTAIN DIVISION TRAIL CULVERT CROSSING HIRAM, BROWNFIELD, FRYEBURG	PROJECT MANAGER	D. LORING	BY	DATE
	DESIGN-DETAILED	K. SCHWEIZER	K. SCHWEIZER	09/26
	CHECKED-REVIEWED	N. BAERT	L. ZACHINI	
	DESIGN-DETAILED02			SIGNATURE
	DESIGN-DETAILED03			P.E. NUMBER
	REVISONS 1			
CULVERT B PLAN & SECTION	REVISONS 2			
	REVISONS 3			
	REVISONS 4			DATE
	FIELD CHANGES			
STATE OF MAINE DEPARTMENT OF TRANSPORTATION 2685810 WIN 26858.10 BRIDGE PLANS				



STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		2685810		WIN		26858.10		BRIDGE PLANS	
MOUNTAIN DIVISION TRAIL		CULVERT CROSSING		HIRAM, BROWNFIELD, FRYEBURG		BURNT MEADOW TRIBUTARY		PLAN & SECTION		SHEET NUMBER	
										218	
										OF 236	

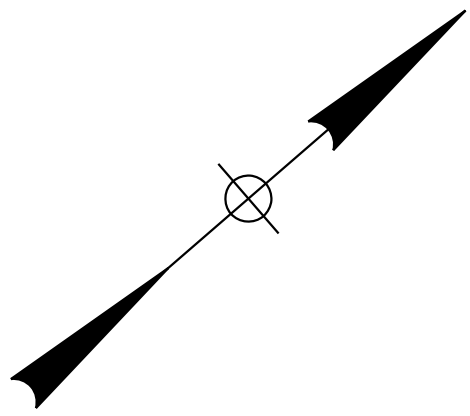
PROJ. MANAGER	D. LORING	BY	DATE
DESIGN-DETAILED	K. SCHWEIZER	L. ZACHIN	09/26
CHECKED-REVIEWED	H. WALTON		
DESIGN-DETAILED01			
DESIGN-DETAILED03			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE	P.E. NUMBER	DATE



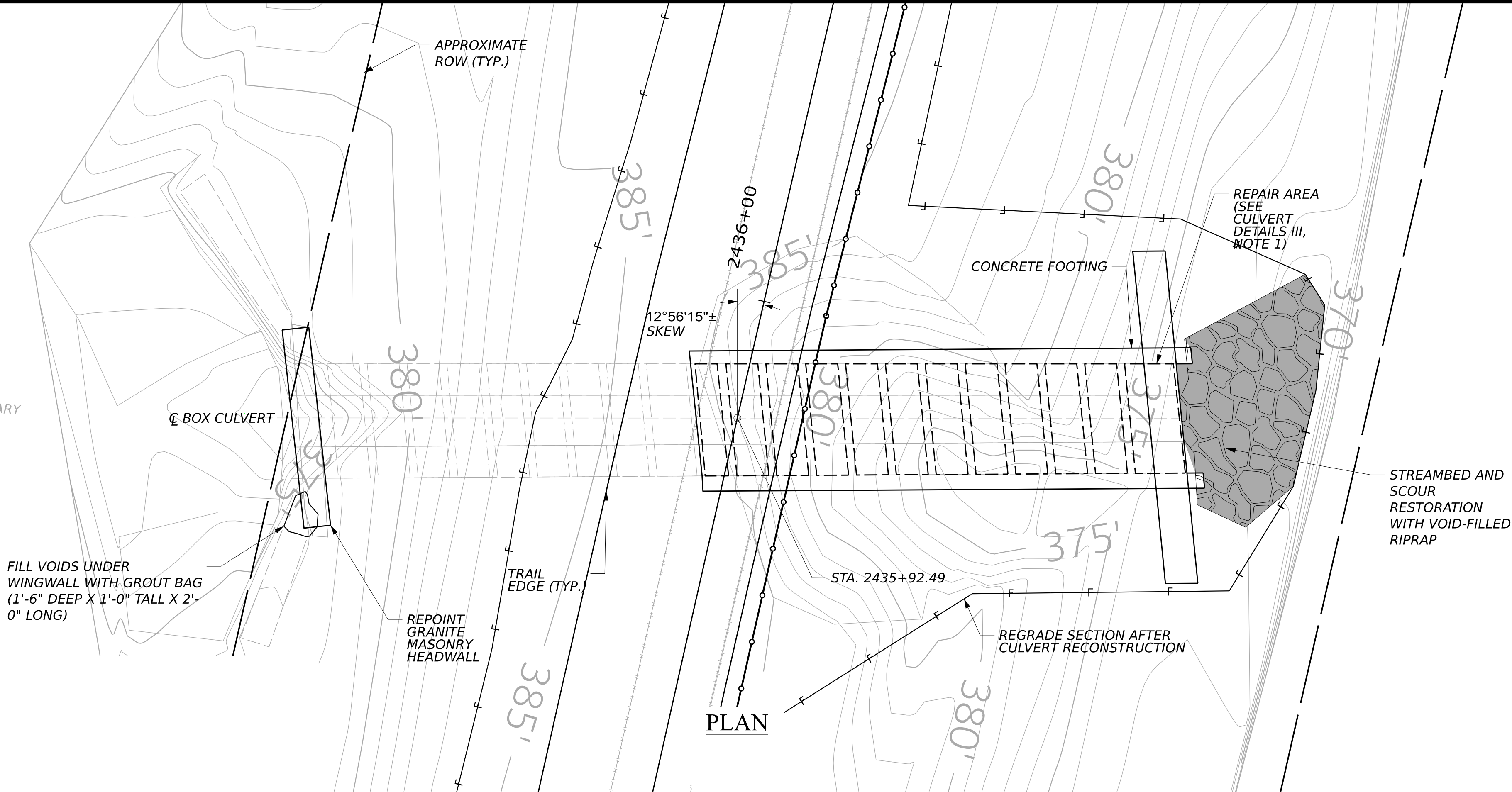
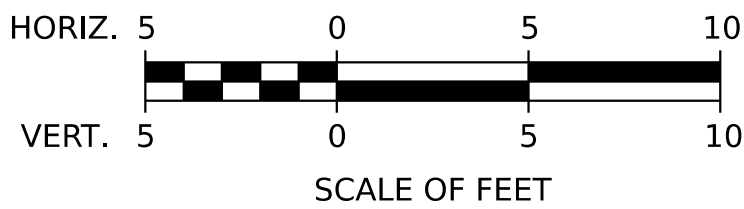
LONGITUDINAL SECTION

STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		2685810		WIN		26858.10		BRIDGE PLANS	
MOUNTAIN DIVISION TRAIL		CULVERT CROSSING		HIRAM, BROWNFIELD, FRYEBURG		SACO TRIBUTARY A		PLAN & SECTION		SHEET NUMBER	
220		OF		236							
PROJ. MANAGER		D. LORING		BY		DATE		SIGNATURE		P.E. NUMBER	
DESIGNED-DETAILED		K. SCHWEIER		H. WALTON		L. ZACCHINI		DATE			
CHECKED-REVIEWED		K. SCHWEIER		H. WALTON		L. ZACCHINI					
DESIGNED-DETAILED		K. SCHWEIER		H. WALTON		L. ZACCHINI					
CHECKED-REVIEWED		K. SCHWEIER		H. WALTON		L. ZACCHINI					
DESIGNED-DETAILED		K. SCHWEIER		H. WALTON		L. ZACCHINI					
CHECKED-REVIEWED		K. SCHWEIER		H. WALTON		L. ZACCHINI					
DESIGNED-DETAILED		K. SCHWEIER		H. WALTON		L. ZACCHINI					
CHECKED-REVIEWED		K. SCHWEIER		H. WALTON		L. ZACCHINI					
DESIGNED-DETAILED		K. SCHWEIER		H. WALTON		L. ZACCHINI					
CHECKED-REVIEWED		K. SCHWEIER		H. WALTON		L. ZACCHINI					
DESIGNED-DETAILED		K. SCHWEIER		H. WALTON		L. ZACCHINI					
CHECKED-REVIEWED		K. SCHWEIER		H. WALTON		L. ZACCHINI					
DESIGNED-DETAILED		K. SCHWEIER		H. WALTON		L. ZACCHINI					
CHECKED-REVIEWED		K. SCHWEIER		H. WALTON		L. ZACCHINI					
DESIGNED-DETAILED		K. SCHWEIER		H. WALTON		L. ZACCHINI					
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DESIGNED-DETAILED		K. SCHWEIER		H. WALTON		L. ZACCHINI					
CHECKED-REVIEWED		K. SCHWEIER		H. WALTON		L. ZACCHINI					
DESIGNED-DETAILED		K. SCHWEIER		H. WALTON		L. ZACCHINI					
CHECKED-REVIEWED		K. SCHWEIER		H. WALTON		L. ZACCHINI					
DESIGNED-DETAILED		K. SCHWEIER		H. WALTON		L. ZACCHINI					
CHECKED-REVIEWED		K. SCHWEIER		H. WALTON		L. ZACCHINI					
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DESIGNED-DETAILED		K. SCHWEIER		H. WALTON		L. ZACCHINI					
CHECKED-REVIEWED		K. SCHWEIER		H. WALTON		L. ZACCHINI					
DESIGNED-DETAILED		K. SCHWEIER		H. WALTON		L. ZACCHINI					
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CHECKED-REVIEWED		K. SCHWEIER		H. WALTON		L. ZACCHINI					
DESIGNED-DETAILED		K. SCHWEIER		H. WALTON		L. ZACCHINI					
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CHECKED-REVIEWED		K. SCHWEIER		H. WALTON		L. ZACCHINI					
DESIGNED-DETAILED		K. SCHWEIER		H. WALTON		L. ZACCHINI					
CHECKED-REVIEWED		K. SCHWEIER		H. WALTON		L. ZACCHINI					
DESIGNED-DETAILED		K. SCHWEIER		H. WALTON		L. ZACCHINI					
CHECKED-REVIEWED		K. SCHWEIER		H. WALTON		L. ZACCHINI					
DESIGNED-DETAILED		K. SCHWEIER		H. WALTON		L. ZACCHINI					
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DESIGNED-DETAILED		K. SCHWEIER		H. WALTON		L. ZACCHINI					
CHECKED-REVIEWED		K. SCHWEIER		H. WALTON		L. ZACCHINI					
DESIGNED-DETAILED		K. SCHWEIER		H. WALTON		L. ZACCHINI					
CHECKED-REVIEWED		K. SCHWEIER		H. WALTON		L. ZACCHINI					
DESIGNED-DETAILED		K. SCHWEIER		H. WALTON		L. ZACCHINI					
CHECKED-REVIEWED		K. SCHWEIER		H. WALTON		L. ZACCHINI					
DESIGNED-DETAILED		K. SCHWEIER		H. WALTON		L. ZACCHINI					
CHECKED-REVIEWED		K. SCHWEIER		H. WALTON		L. ZACCHINI					
DESIGNED-DETAILED		K. SCHWEIER		H. WALTON		L. ZACCHINI					
CHECKED-REVIEWED		K. SCHWEIER		H. WALTON		L. ZACCHINI					
DESIGNED-DETAILED		K. SCHWEIER		H. WALTON		L. ZACCHINI					
CHECKED-REVIEWED		K. SCHWEIER		H. WALTON		L. ZACCHINI					
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CHECKED-REVIEWED		K. SCHWEIER		H. WALTON		L. ZACCHINI					
DESIGNED-DETAILED		K. SCHWEIER		H. WALTON		L. ZACCHINI					
CHECKED-REVIEWED		K. SCHWEIER		H. WALTON		L. ZACCHINI					
DESIGNED-DETAILED		K. SCHWEIER		H. WALTON		L. ZACCHINI					
CHECKED-REVIEWED		K. SCHWEIER		H. WALTON		L. ZACCHINI					
DESIGNED-DETAILED		K. SCHWEIER		H. WALTON		L. ZACCHINI					
CHECKED-REVIEWED		K. SCHWEIER		H. WALTON		L. ZACCHINI					
DESIGNED-DETAILED		K. SCHWEIER		H. WALTON		L. ZACCHINI					
CHECKED-REVIEWED		K. SCHWEIER		H. WALTON		L. ZACCHINI					

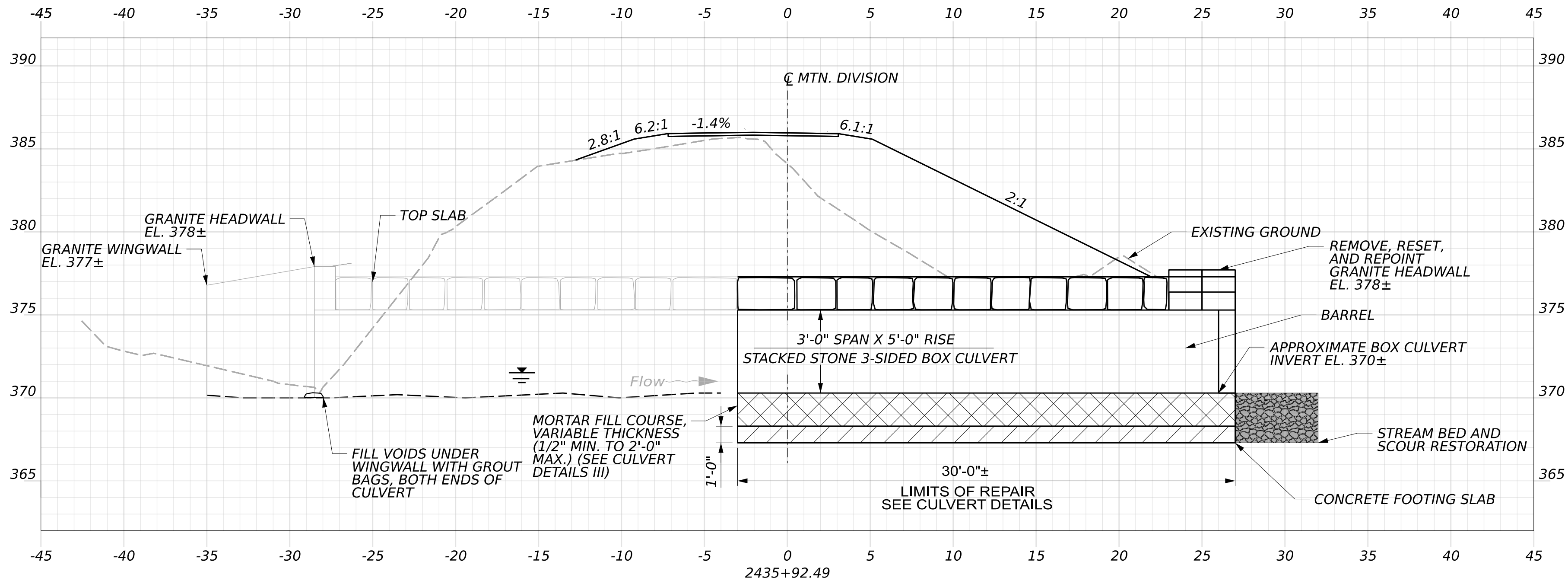


LITTLE SACO TRIBUTARY
FLOW

PLAN/PROFILE



HNTB



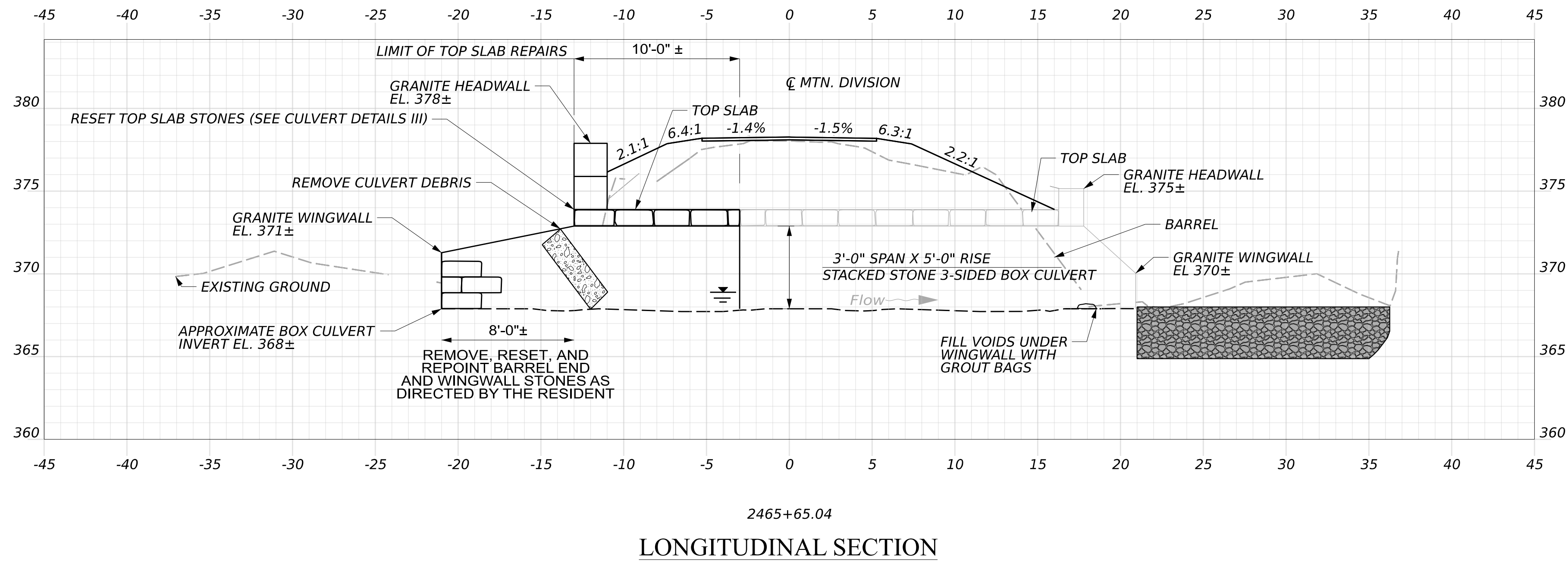
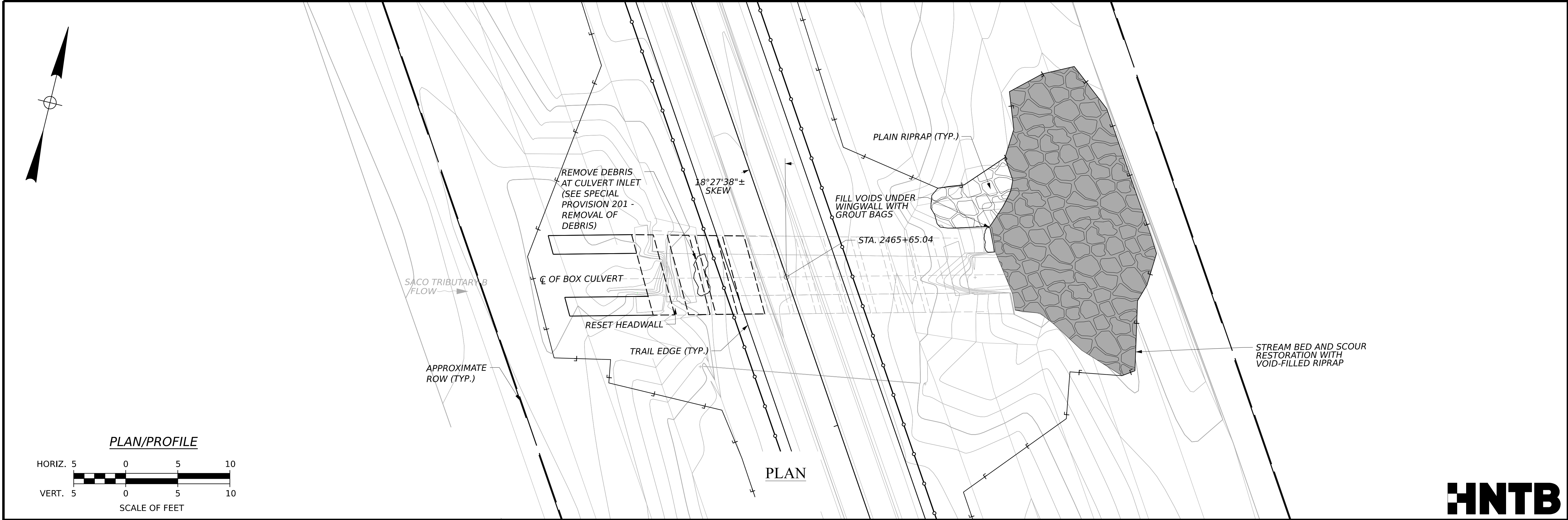
LONGITUDINAL SECTION

STATE OF MAINE	
DEPARTMENT OF TRANSPORTATION	
2685810	
WIN	
26858.10	
BRIDGE PLANS	

PROJ. MANAGER	D. LORING	BY	DATE
CHECKED-DETAILED	K. SCHWEIZER	K. SCHWEIZER	09/26
DESIGNED-DETAILED	H. WALTON	L. ZACCHINI	09/26
DESIGNED-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			
SIGNATURE		P.E. NUMBER	
DATE		DATE	

MOUNTAIN DIVISION TRAIL CULVERT CROSSING HIRAM, BROWNFIELD, FRYEBURG	
LITTLE SACO TRIBUTARY PLAN & SECTION	

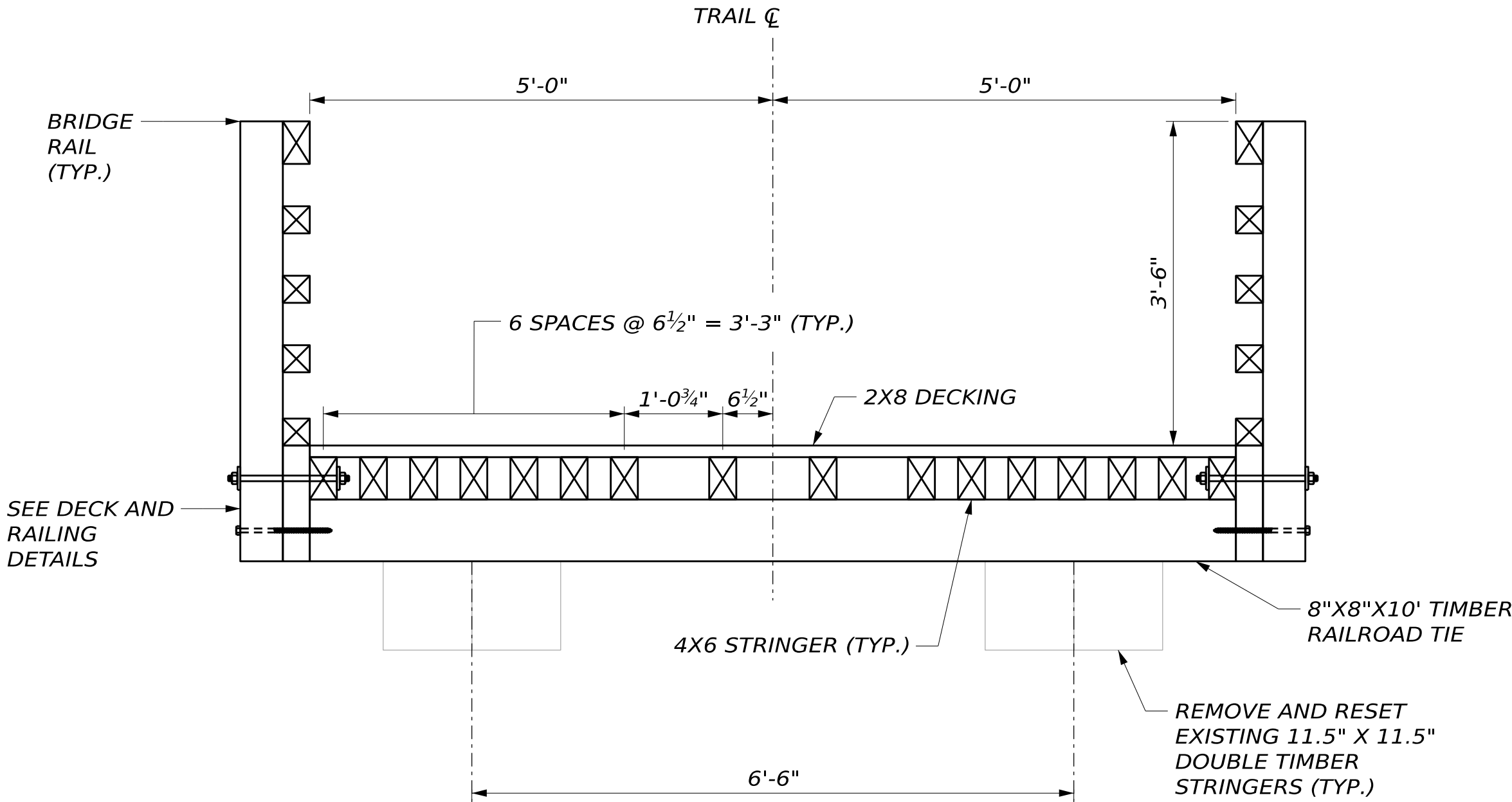
SHEET NUMBER	
221	
OF	236



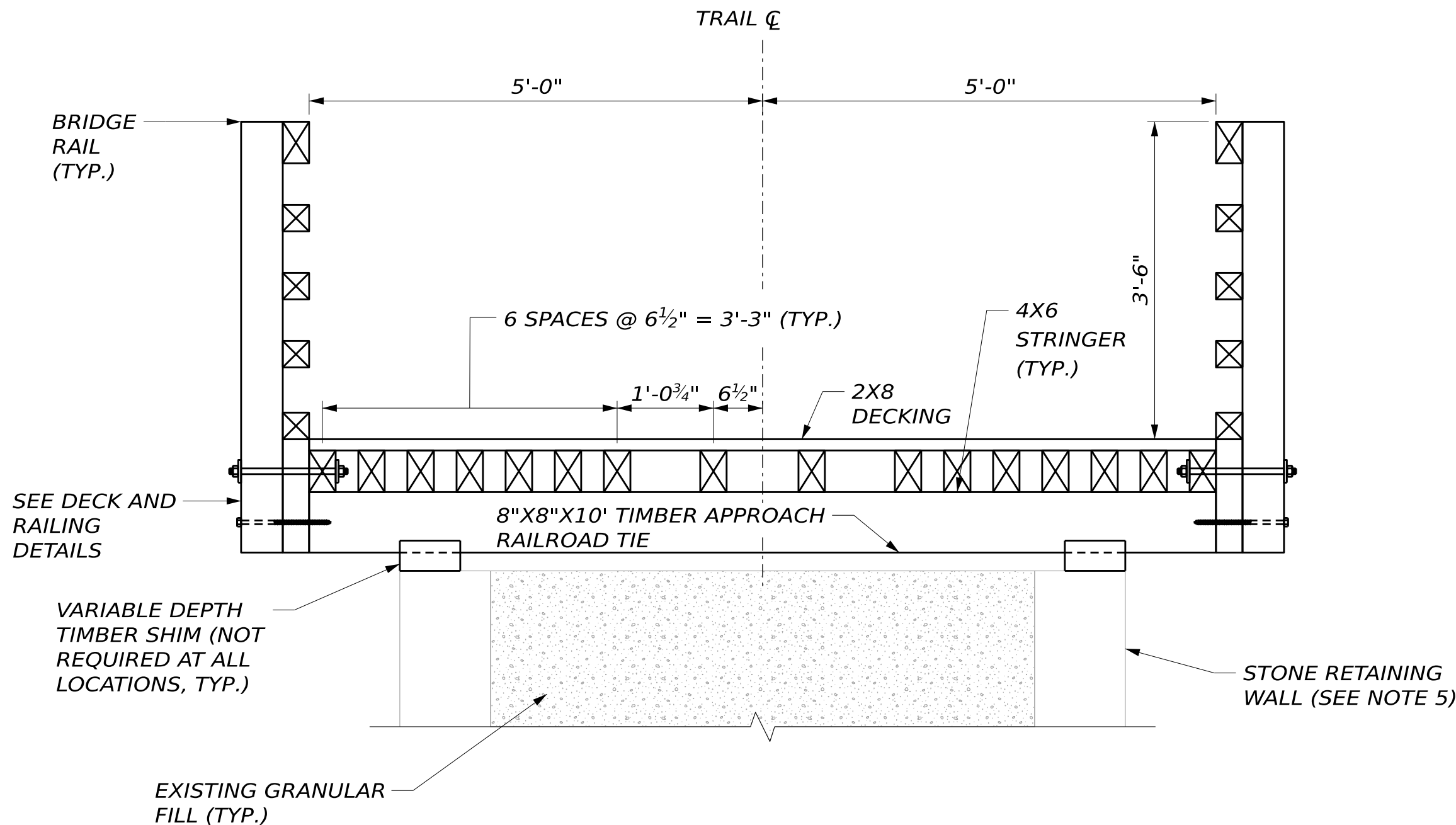
MOUNTAIN DIVISION TRAIL CULVERT CROSSING HIRAM, BROWNFIELD, FRYEBURG			PROJ. MANAGER		D. LORING	BY	DATE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
SACO TRIBUTARY B PLAN & SECTION			DESIGN-DETAILED		K. SCHWEILER	09/26		SIGNATURE	
			CHECKED-REVIEWED		H. WALTON	09/26			
			DESIGN-DETAILED02						
			DESIGN-DETAILED03						
			REVISIONS 1						
			REVISIONS 2					P.E. NUMBER	
			REVISIONS 3						
			REVISIONS 4						
			FIELD CHANGES						
SHEET NUMBER							DATE		WIN
222									26858.10
OF 236									BRIDGE PLANS

NOTES:

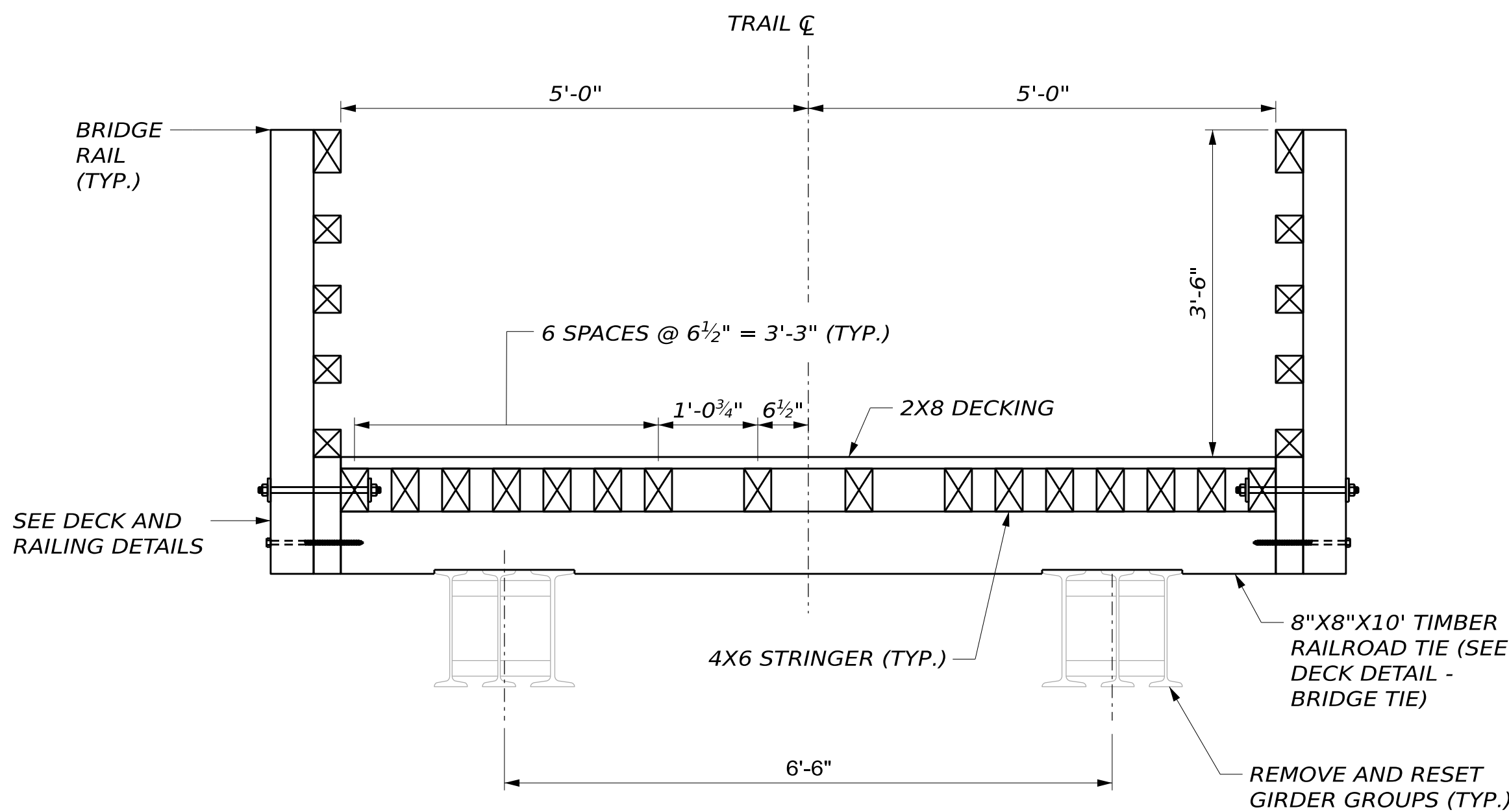
1. ALL PROPOSED LUMBER IS PRESSURE TREATED SOUTHERN YELLOW PINE.
2. RAILROAD TIES ARE FULL DIMENSION LUMBER TO MATCH THE SIZE OF EXISTING TIES. ALL OTHER LUMBER IS STANDARD SIZED S4S LUMBER.
3. ALL LUMBER IS DESIGNED ASSUMING OPERATION UNDER A HIGH IN-SERVICE MOISTURE CONTENT.
4. RAILING MAY BE SUBSTITUTED WITH ALTERNATIVE APPROVED STEEL OR TIMBER RAILING SYSTEM. THE SHOWN RAILING SYSTEM MEETS AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS.
5. DECK ON GRADE DETAILS ARE REQUIRED AT LOCATIONS WHERE PROPOSED SIDE SLOPES COULD NOT BE ACHIEVED AT FLATTER THAN 1.5:1. NOT ALL LOCATIONS REQUIRING THE DECK ON GRADE DETAIL ARE AS SHOWN. LOCATIONS VARY AND NOT ALL EXHIBIT A STONE RETAINING WALL. THE CONTRACTOR SHALL FIELD VERIFY ALL LOCATIONS.
6. ALL CONNECTION HARDWARE AND ALL TIES, STRINGERS, DECKING, RAIL POSTS, AND RAILS SHALL BE PAID FOR UNDER ITEM 528.601 - STRUCTURAL TIMBER DECKING. REFER TO SPECIAL PROVISIONS 528 - STRUCTURAL TIMBER DECKING FOR MORE INFORMATION.



TYPICAL SECTION - CATTLE PASS BRIDGE (NO. 7685)

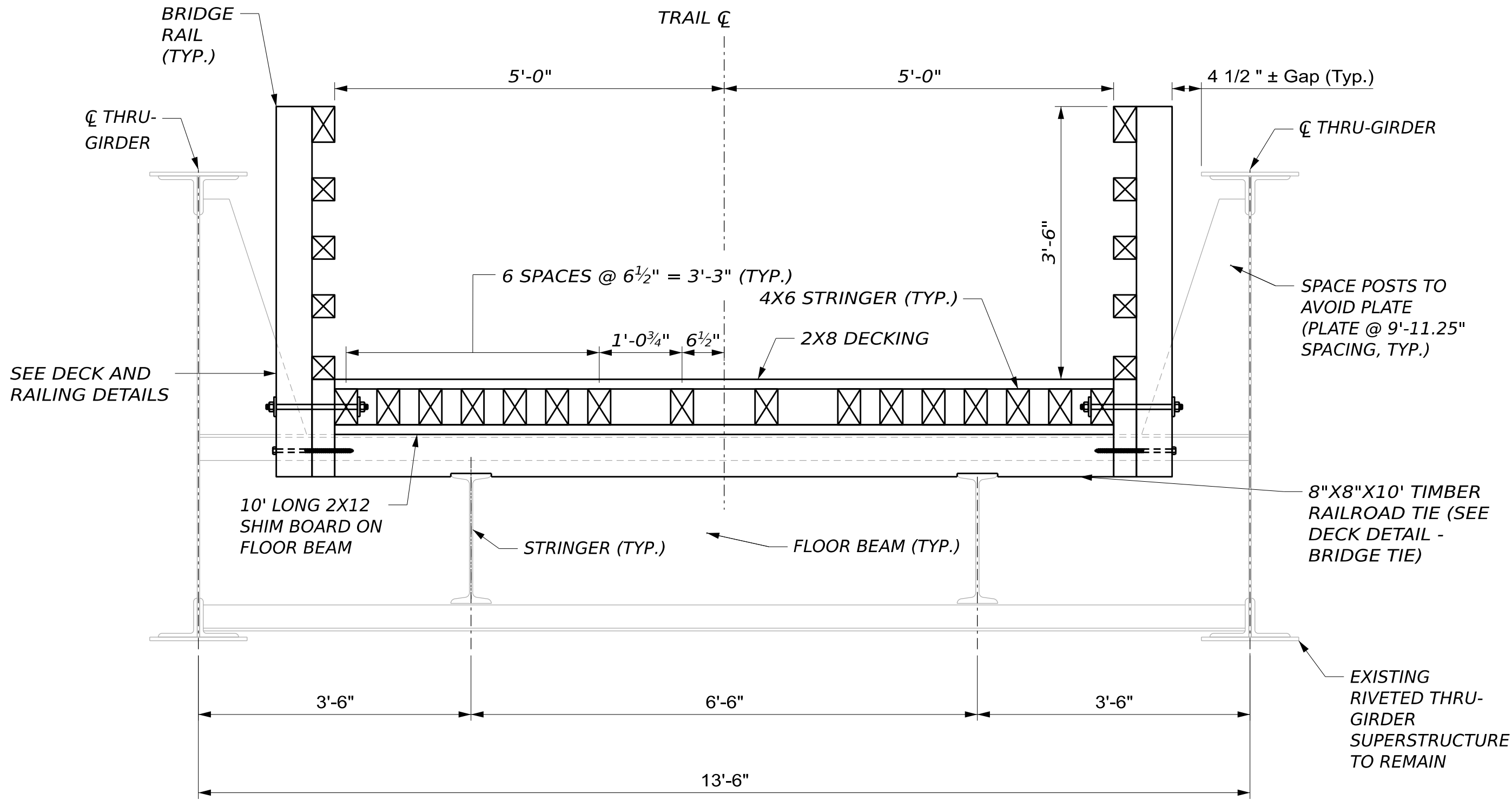


TYPICAL SECTION - DECK ON GRADE

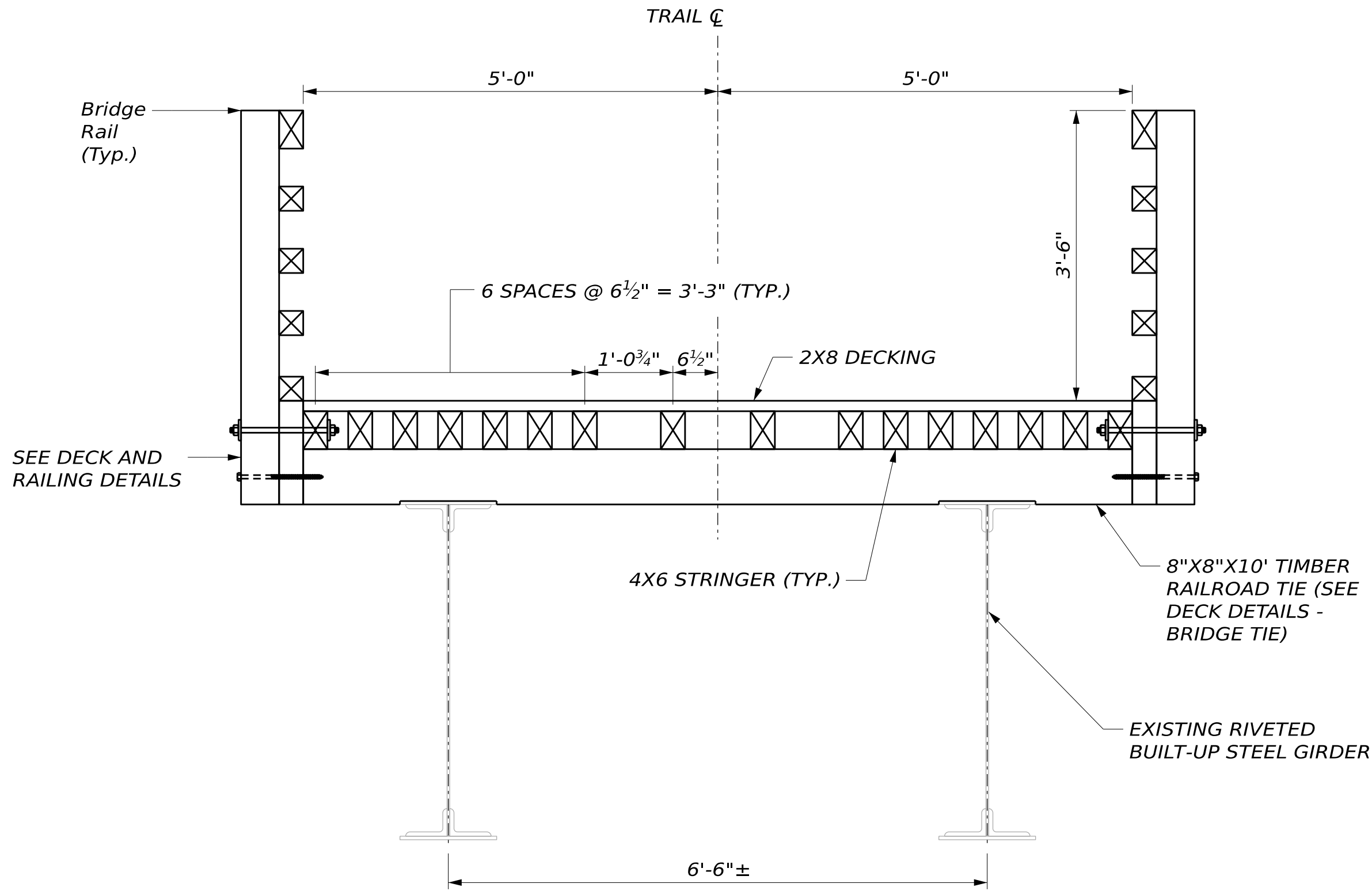


TYPICAL SECTION - RED MILL BRIDGE (NO. 7680)

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	2685810		WIN		26858.10		BRIDGE PLANS	
	SIGNATURE		P.E. NUMBER		DATE			
	DATE		BY		D. LORING			
MOUNTAIN DIVISION TRAIL BRIDGES CROSSING MULTIPLE LOCATIONS HIRAM, BROWNFIELD, FRYEBURG	PROJ. MANAGER	DESIGN-DETAILED	N. BAERT	N. BAERT	N. BAERT	N. BAERT	N. BAERT	N. BAERT
	CHECKED-REVIEWED	H. WALTON	L. ZACCHINI	L. ZACCHINI	L. ZACCHINI	L. ZACCHINI	L. ZACCHINI	L. ZACCHINI
	DESIGN-DETAILED	N. BAERT						
	DESIGN-DETAILED							
	REVISIONS 1							
BRIDGE TYPICAL SECTIONS I	REVISIONS 2							
	REVISIONS 3							
	REVISIONS 4							
FIELD CHANGES								
SHEET NUMBER								
223								
OF 236								

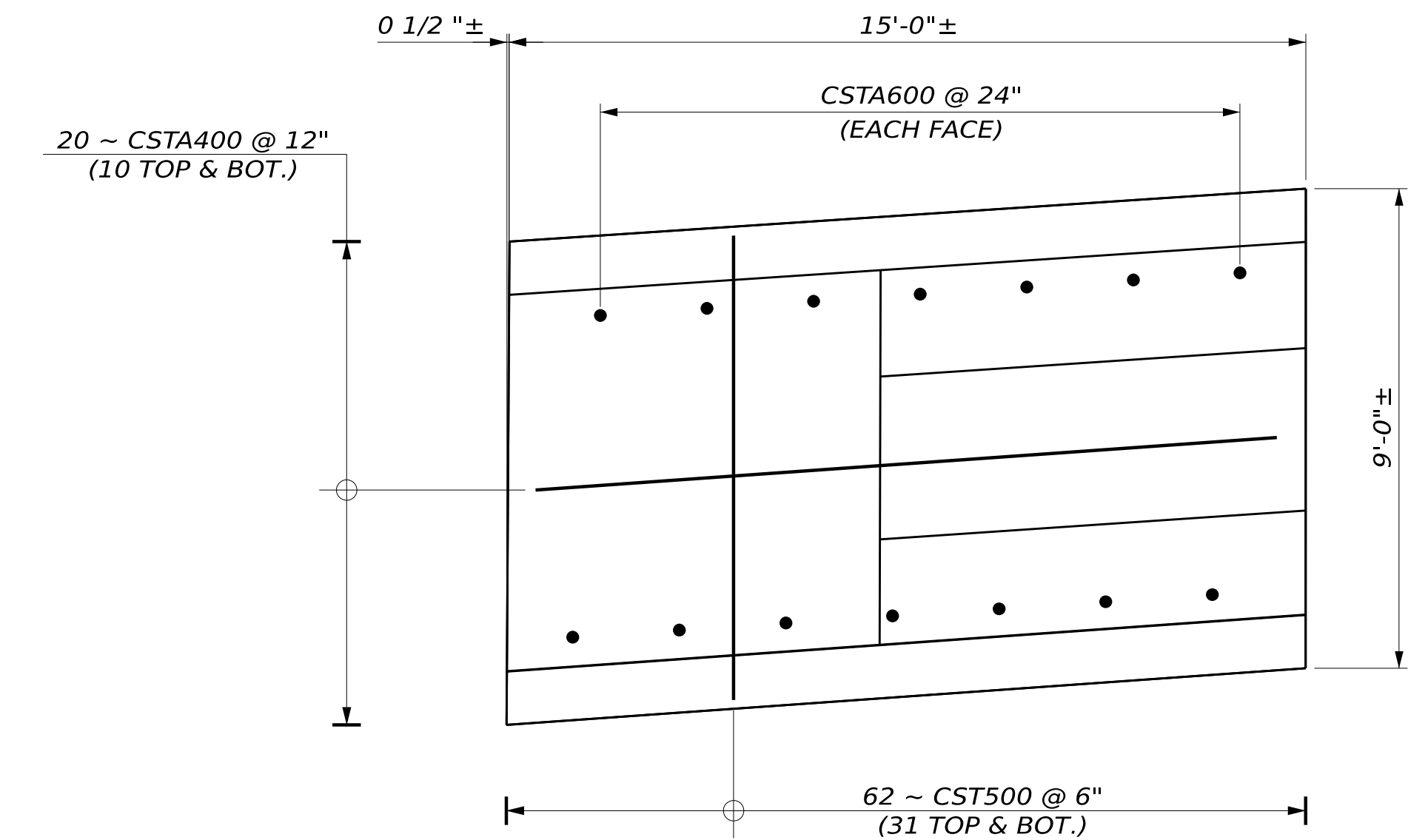


TYPICAL SECTION - SHEPARDS BROOK BRIDGE (NO. 7683)

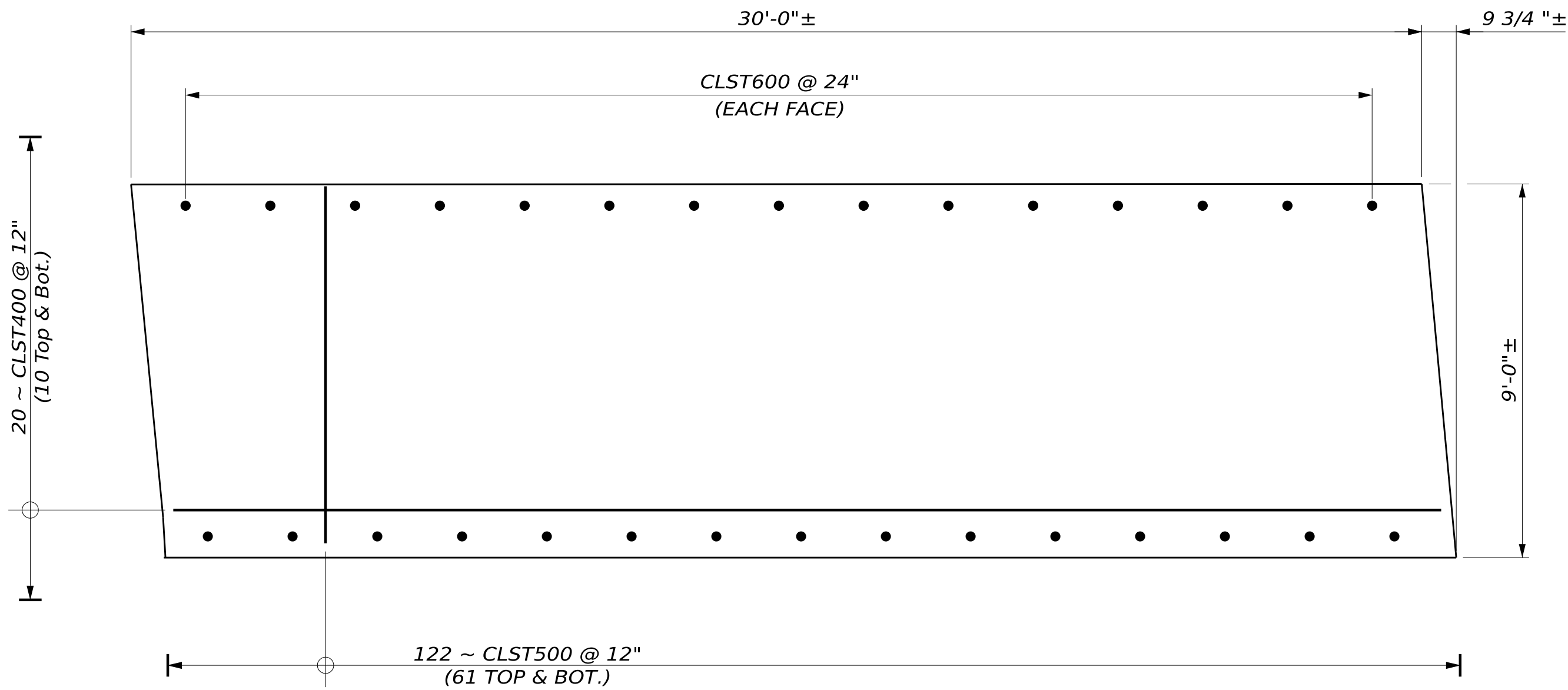


TYPICAL SECTION - LITTLE SACO/TEN MILE BRIDGE (NO. 7682/NO. 7684)
(LITTLE SACO SHOWN, TEN MILE SIMILAR)

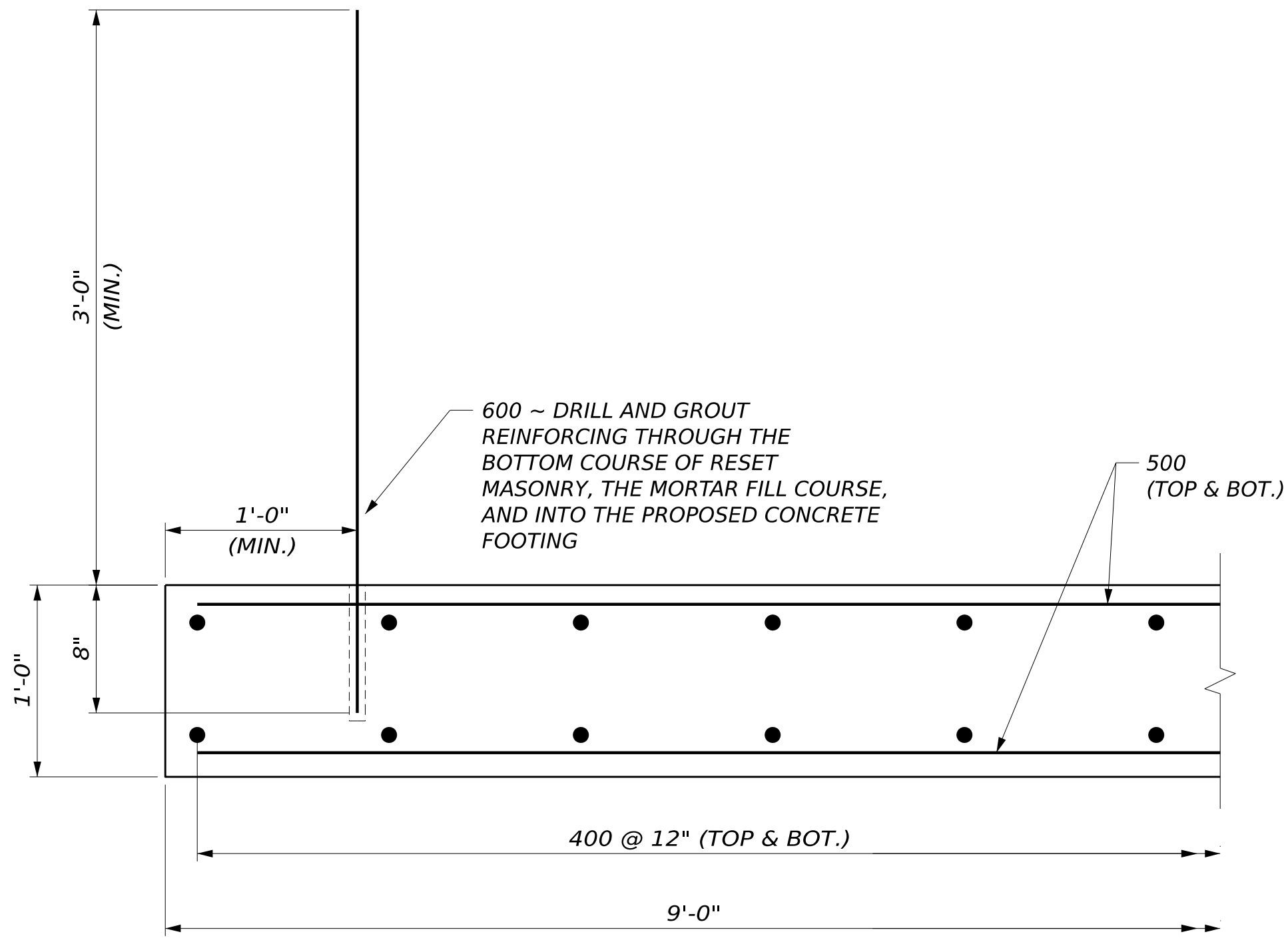
STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		2685810		WIN		26858.10		BRIDGE PLANS	
MOUNTAIN DIVISION TRAIL BRIDGES		CROSSING MULTIPLE LOCATIONS		HIRAM, BROWNFIELD, FRYEBURG		BRIDGE TYPICAL SECTIONS II		SHEET NUMBER		225	
PROJ. MANAGER		D. LORING		BY		DATE		SIGNATURE		P.E. NUMBER	
DESIGN-DETAILED		N. BAERT		N. BAERT		09/26		SIGNATURE		P.E. NUMBER	
CHECKED-REVIEWED		H. WALTON		L. ZACCHINI		09/26		SIGNATURE		P.E. NUMBER	
DESIGN-DETAILED2		N. BAERT						SIGNATURE		P.E. NUMBER	
DESIGN-DETAILED3								SIGNATURE		P.E. NUMBER	
REVISIONS 1								SIGNATURE		P.E. NUMBER	
REVISIONS 2								SIGNATURE		P.E. NUMBER	
REVISIONS 3								SIGNATURE		P.E. NUMBER	
REVISIONS 4								SIGNATURE		P.E. NUMBER	
FIELD CHANGES								SIGNATURE		P.E. NUMBER	



FOOTING SLAB REINFORCING PLAN - SACO TRIBUTARY A

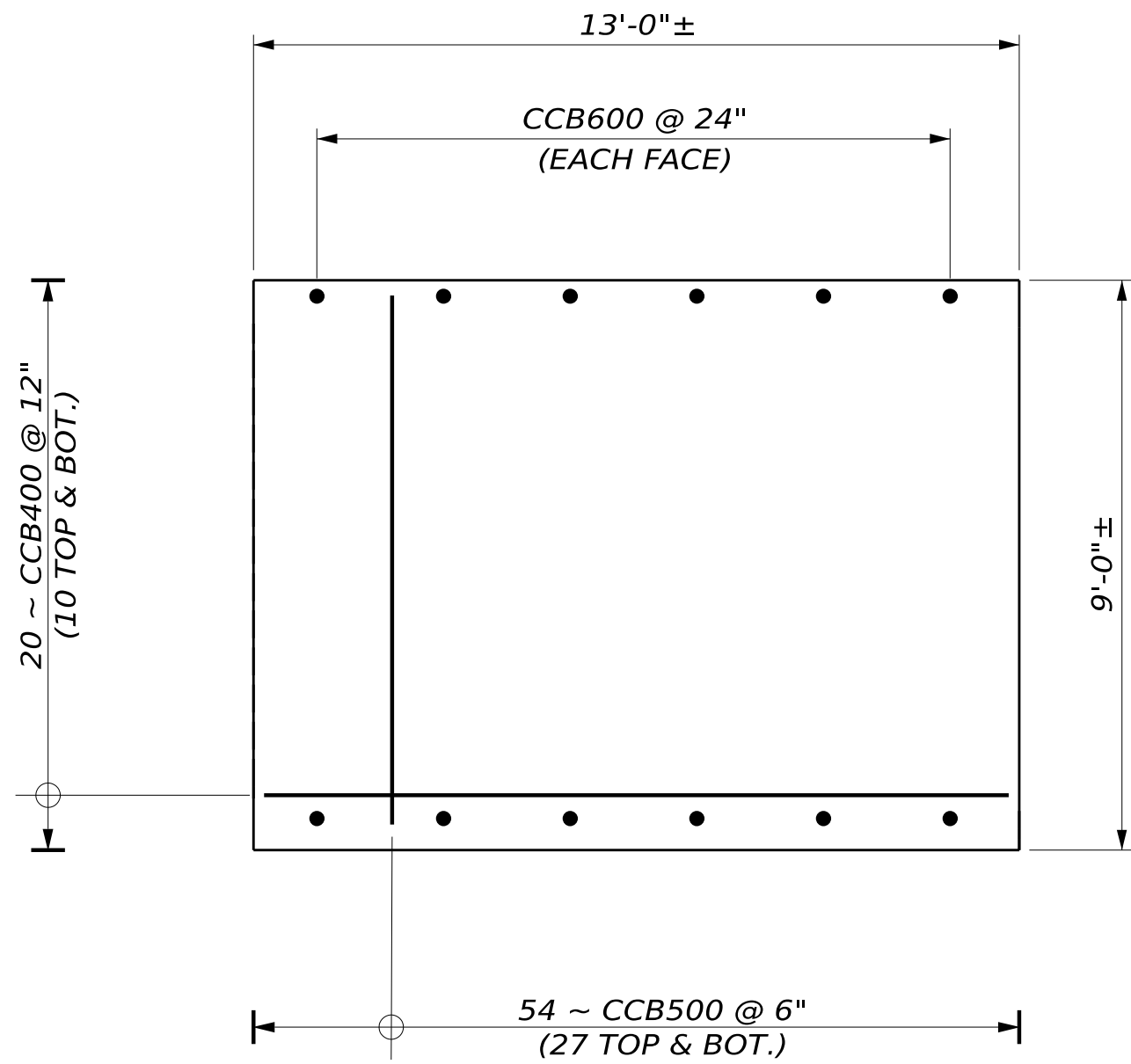


FOOTING SLAB REINFORCING PLAN - LITTLE SACO TRIBUTARY



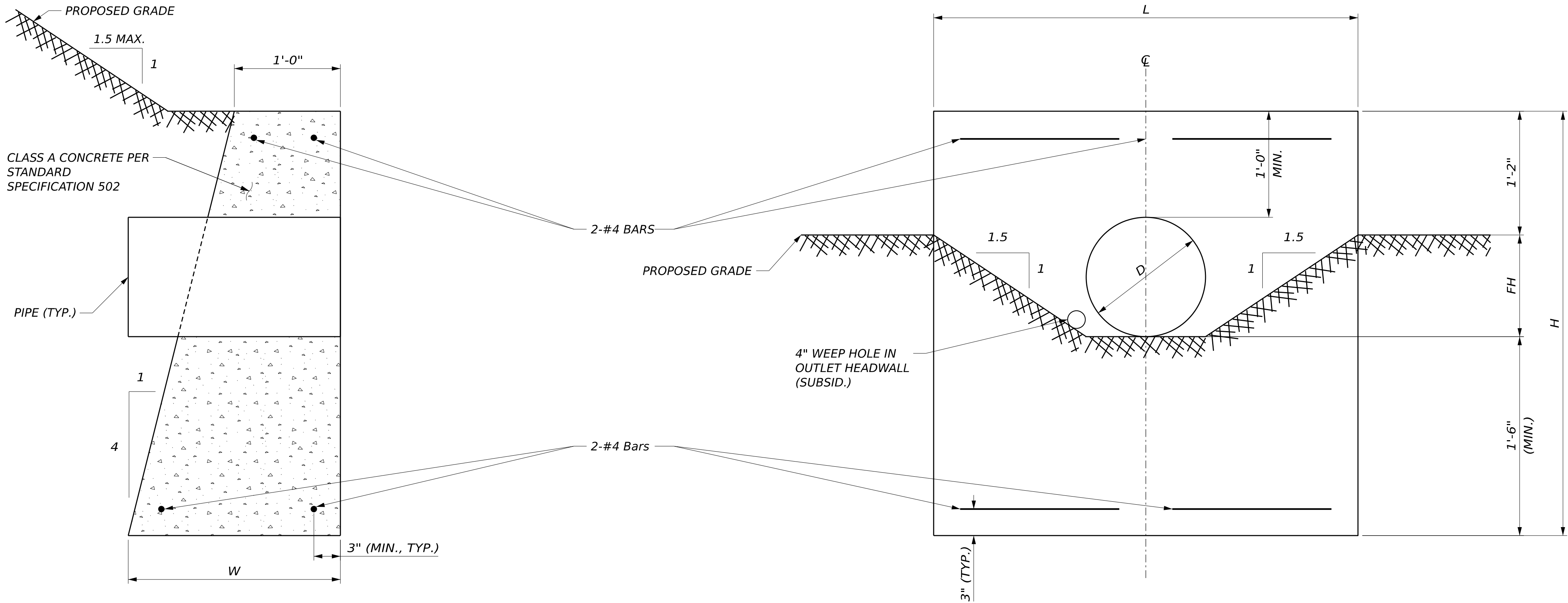
FOOTING SLAB REINFORCING - SECTION

(LETTER PREFIX OMITTED FROM SECTION)



FOOTING SLAB REINFORCING PLAN - CULVERT B

STATE OF MAINE DEPARTMENT OF TRANSPORTATION		2685810		WIN 26858.10		BRIDGE PLANS	
		SIGNATURE		P.E. NUMBER		DATE	
MOUNTAIN DIVISION TRAIL BRIDGES CROSSING MULTIPLE LOCATIONS HIRAM, BROWNFIELD, FRYEBURG		PROJ. MANAGER	D. LORING	BY	DATE	CULVERT DETAILS I	
		DESIGN-DETAILED	K. SCHWEIZER	L. ZACHIN	09/26		
		CHECKED-REVIEWED	**VARIES**		09/26		
		DESIGN-DETAILED2					
SHEET NUMBER		DESIGN-DETAILED3				226	
		REVISIONS 1					
		REVISIONS 2					
		REVISIONS 3					
OF 236		REVISIONS 4				HNTB	
		FIELD CHANGES					



DRAINAGE STRUCTURE HEADWALLS - SECTION

DRAINAGE STRUCTURE HEADWALLS - ELEVATION

TABLE OF HEADWALL DIMENSIONS - DRAINAGE STRUCTURES							
STATIONING	CULVERT DIAMETER (IN) D	HEADER LENGTH (FT) L	HEADER HEIGHT (FT) H	FILL HEIGHT (FT) FH	WIDTH AT BOTTOM OF HEADER (FT) W	LENGTH OF BARS (FT)	WEIGHT OF STEEL REQUIRED (LB)
1957+15.3	24	7.5	4.50	1.83	2.13	3.25	18
1995+73.7	15	4.5	3.75	1.08	1.94	1.75	10
1998+04.5	15	4.5	3.75	1.08	1.94	1.75	10
2002+41.4	24	7.5	4.50	1.83	2.13	3.25	18
2326+64.17	24	7.5	4.50	1.83	2.13	3.25	18
2369+89.69	15	4.5	4.00	1.83	2.00	1.75	10

NOTES:

1. DRAINAGE STRUCTURE HEADWALLS SHALL BE CLASS A CONCRETE PER STANDARD SPECIFICATION 502 AND BE PAID FOR UNDER ITEM 502.32 - STRUCTURAL CONCRETE CULVERT ENDWALL.

2. REINFORCING SHALL BE BLACK BAR AND PAID FOR SEPERATELY UNDER ITEM 503.12 REINFORCING STEEL.



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

2685810

WIN
26858.10

BRIDGE PLANS

PROJ. MANAGER
DESIGN-DETAILED
CHECKED-REVIEWED
DESIGN-DETAILED
DESIGN-DETAILED
REVISIONS 1
REVISIONS 2
REVISIONS 3
REVISIONS 4
FIELD CHANGES

BY
N. BAERT
K. SCHWEIZER
L. ZACCHINI

DATE
09/26
09/26

SIGNATURE

P.E. NUMBER

DATE

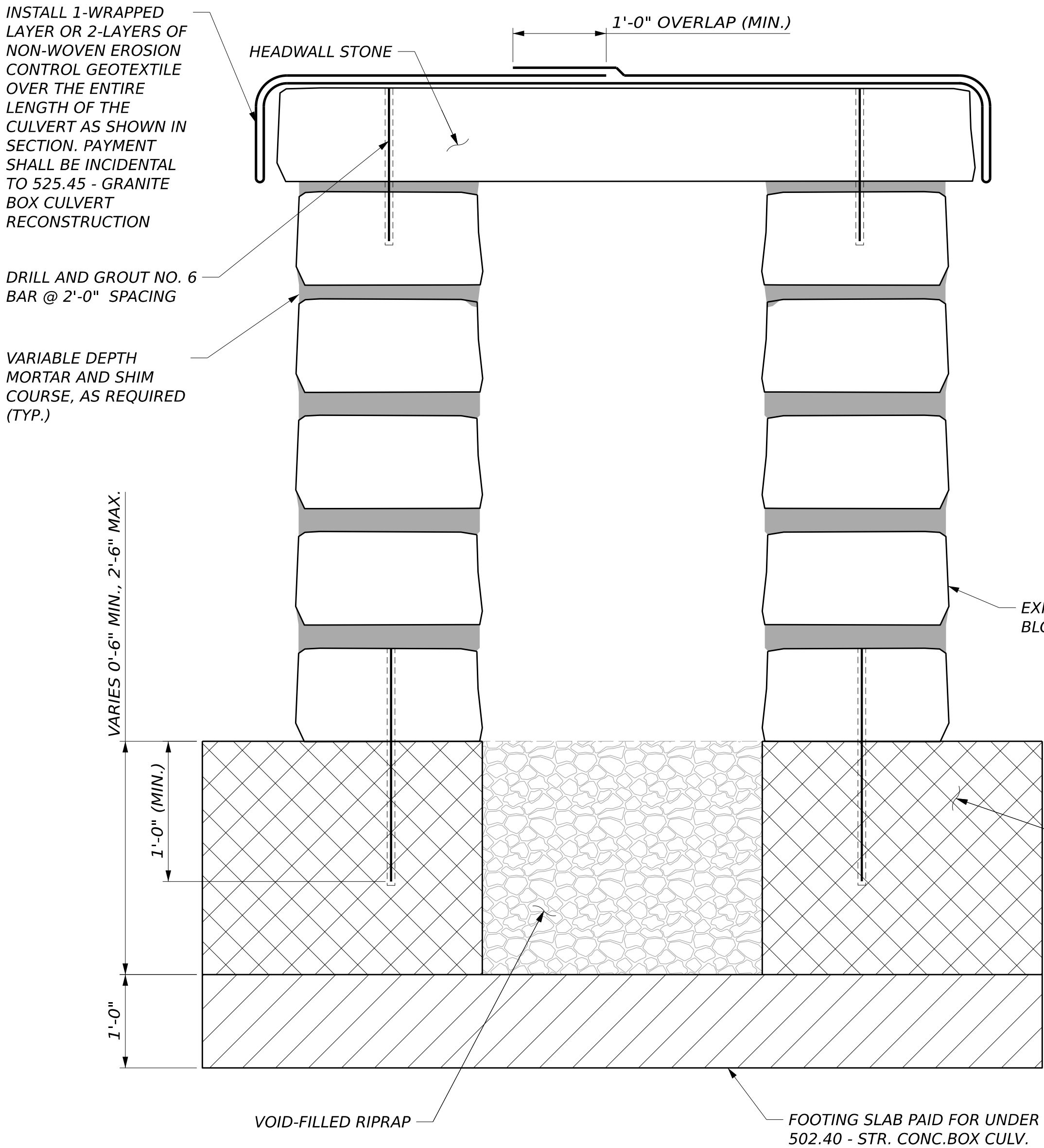
MOUNTAIN DIVISION TRAIL BRIDGES
CROSSING MULTIPLE LOCATIONS
HIRAM, BROWNFIELD, FRYEBURG

CULVERT DEATILS II

SHEET NUMBER

227

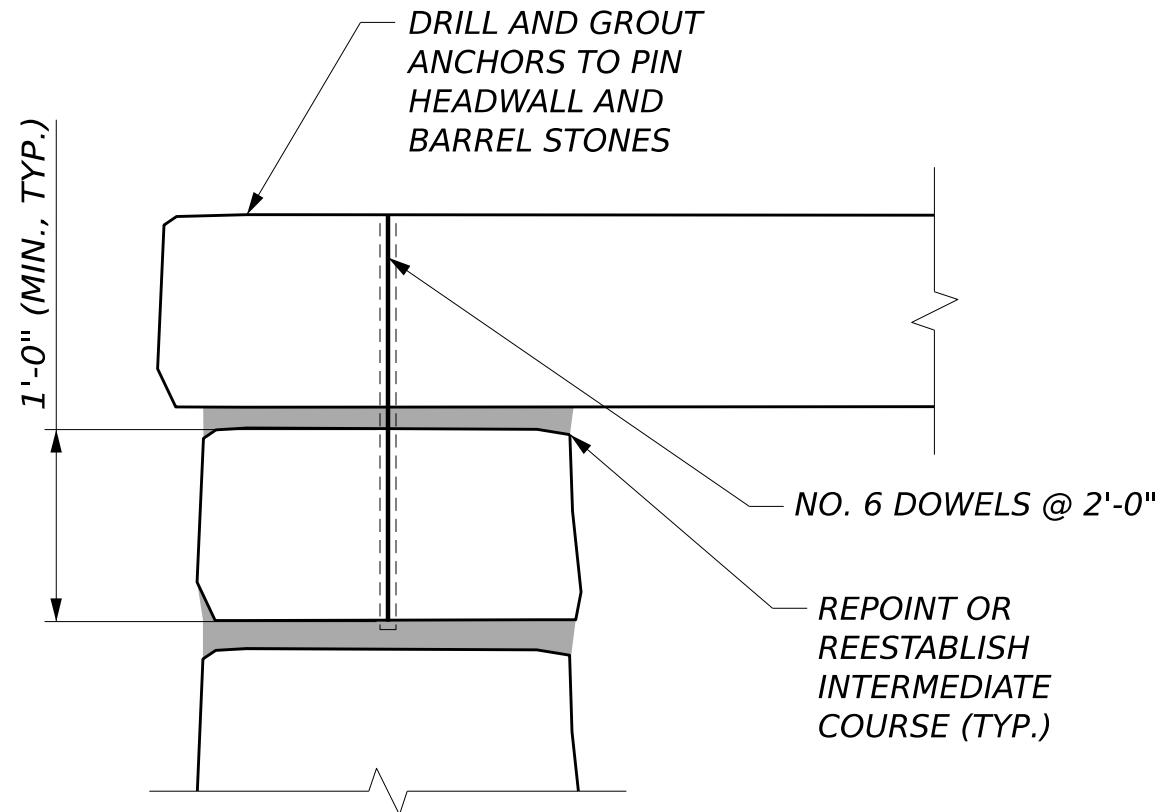
OF 236



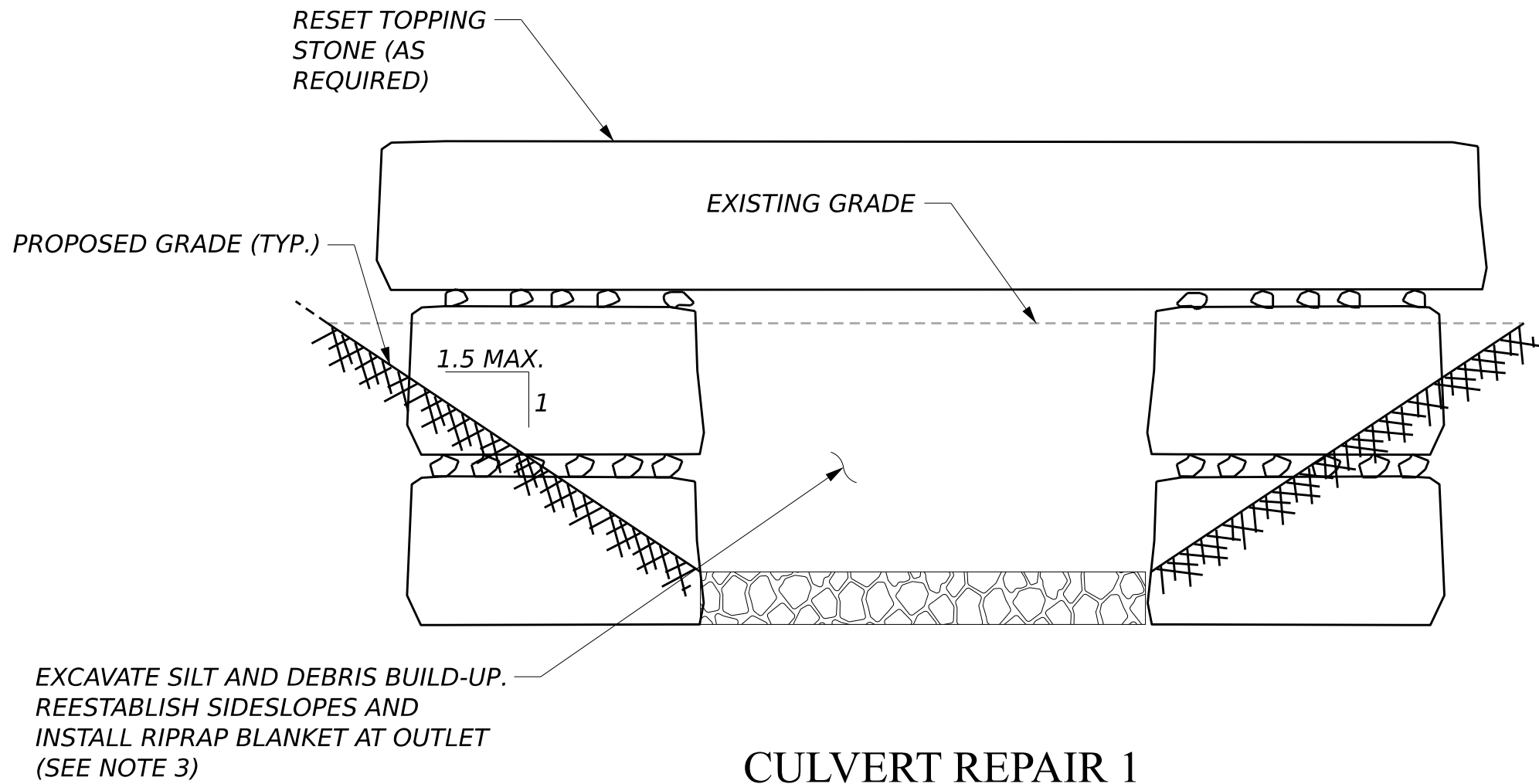
CULVERT RECONSTRUCTION - ELEVATION
 (ITEM 525.45 - GRANITE BOX CULVERT RESTORATION)

NOTES:

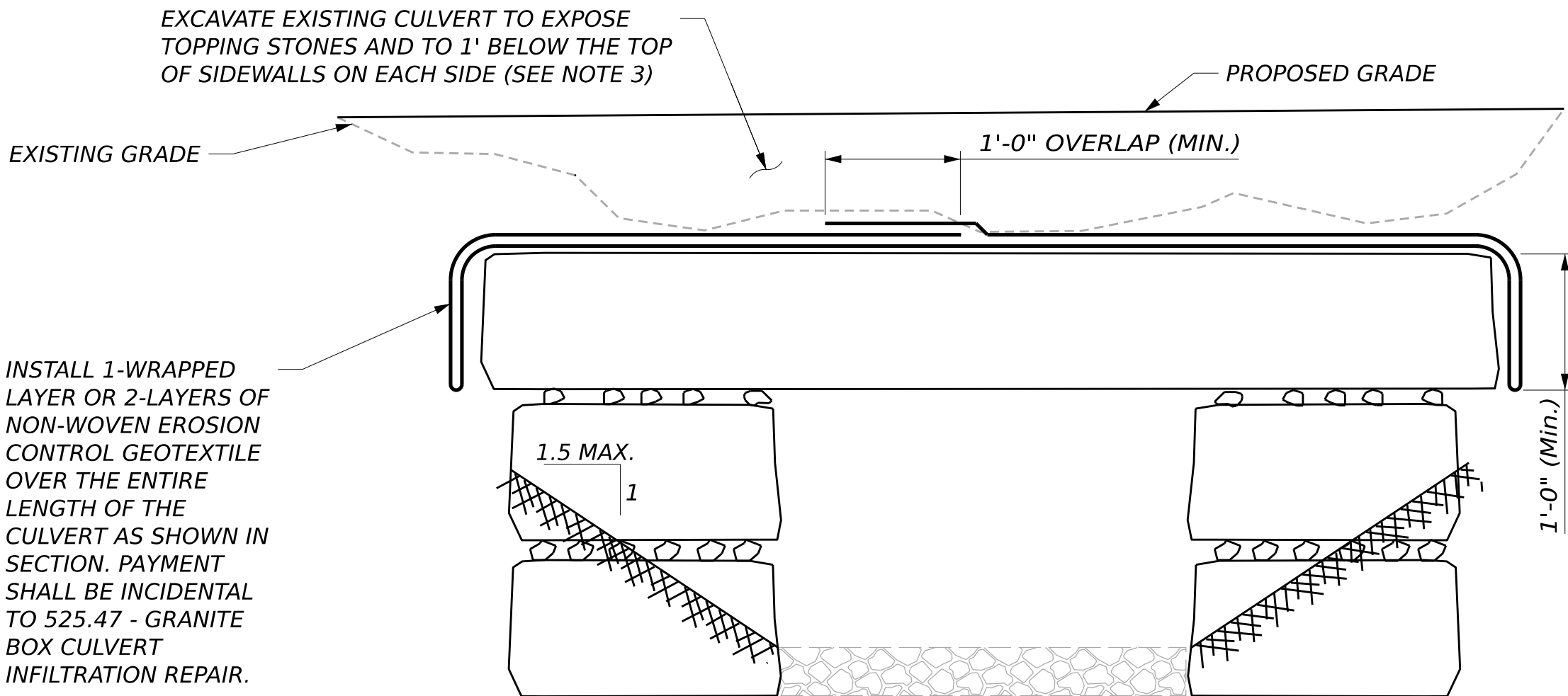
1. THE EXISTING END OF THE BOX CULVERT SHALL BE REMOVED AND RESET USING THE EXISTING STONES IN THEIR ORIGINAL CONFIGURATION, TO THE EXTENT PRACTICAL BASED ON CONDITION. THE STONE CULVERT CONSISTS OF COURSES OF LARGE STONES SEPARATED BY SHIM COURSES. AS STONES ARE REMOVED, EACH STONE SHALL BE CLEARLY MARKED TO INDICATE ITS ORIGINAL COURSE, ORIENTATION, AND LOCATION WITH THE STRUCTURE TO FACILITATE ACCURATE REINSTALLATION. NO REPLACEMENT IS REQUIRED OF CRACKED OR DAMAGED STONES THAT COMPRISE THE BARREL. USE TYPE S MORTAR AND SHIM COURSES BETWEEN THE MAIN COURSES TO RESET THE STONES TO TIE INTO THE COURSE ELEVATIONS OF THE EXISTING BARREL TO REMAIN.
2. THE MORTAR FILL COURSE BETWEEN THE CONCRETE FOOTING SLAB AND THE BASE COURSE OF THE RESET CULVERT BARREL WALLS SHALL CONSIST OF EITHER UNREINFORCED CLASS A CONCRETE OR STONE RUBBLE MASONRY SET IN TYPE S MORTAR. THE THICKNESS OF THE MORTAR FILL COURSE IS ANTICIPATED TO BE APPROXIMATELY 1'-9", BUT SHALL VARY AS NECESSARY TO ACCOMMODATE IRREGULARITIES IN BARREL STONE GEOMETRY. THE WIDTH OF THE MORTAR FILL COURSE SHALL BE NO LESS THAN 2'-6" AND OTHERWISE SHALL BE BETWEEN 0'-6" AND 1'-0" WIDER THAN THE BASE COURSE OF STONES IN THE CULVERT BARREL WALLS. PAYMENT FOR MORTAR FILL COURSE WILL BE INCIDENTAL TO PAY ITEM 525.45, GRANITE BOX CULVERT RECONSTRUCTION. REFER TO THE SPECIAL PROVISIONS.
3. THE CONTRACTOR SHALL TAKE CARE DURING EXCAVATION ACTIVITIES TO NOT DAMAGE THE EXISTING STRUCTURE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OR RESETTING OF STONES DUE TO INCIDENTAL DAMAGE OCCURING DURING EXCAVATION ACTIVITIES.
4. ONLY ONE TOPPING AND SIDE STONE OUT OF PLANE IS SHOWN. THERE MAY BE MULTIPLE STONES ALONG THE LENGTH THAT REQUIRE RESETTING. SEE DRAINAGE STRUCTURE SUMMARY SHEET FOR APPROXIMATE LENGTH OF REPAIR.
5. ALL EXCAVATION, MATERIALS, AND LABOR REQUIRED TO COMPLETE CULVERT REPAIRS SHALL BE PAID FOR UNDER THEIR RESPECTIVE 525 ITEM AS NOTED ON THE PLANS UNLESS OTHERWISE NOTED. REFER TO THE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.
6. VISUAL INSPECTIONS INDICATE THAT THE COLLAPSED TOP SLAB STONES MAY BE CRACKED. ANY EXISTING TOP SLAB STONE THAT IS DAMAGED SHALL BE REPLACED IN-KIND PER SPECIAL PROVISION 525 - ADDITIONAL STONES FOR MASONRY WALL AND PAID FOR UNDER ITEM 525.331.
7. HOLES FOR DOWELED BARS SHALL NOT BE DRILLED CLOSER THAN 4" FROM ANY FACE OR JOINT OF A STONE.



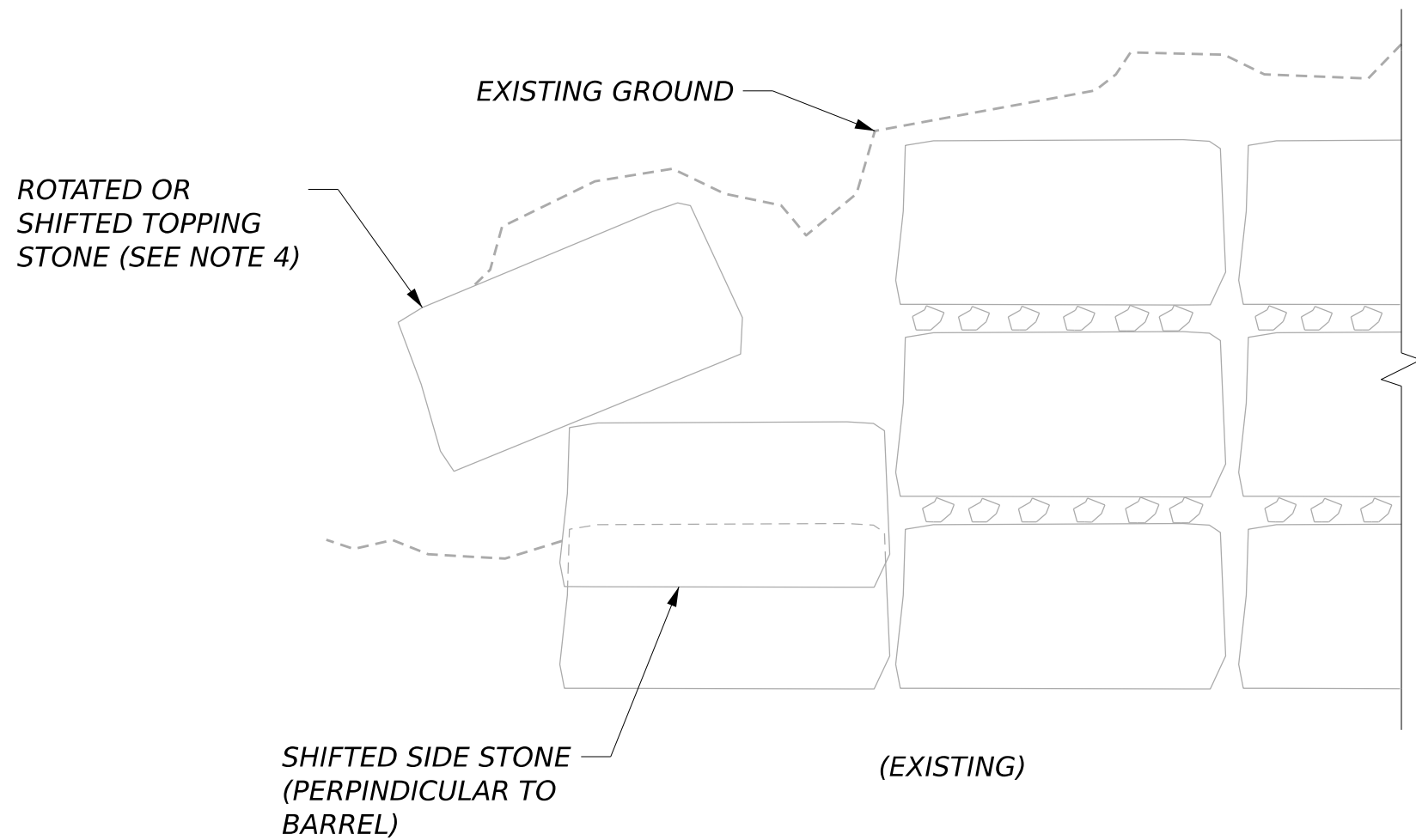
HEADWALL RESTORATION - SECTION
 (ITEM 525.45 - GRANITE BOX CULVERT RESTORATION)



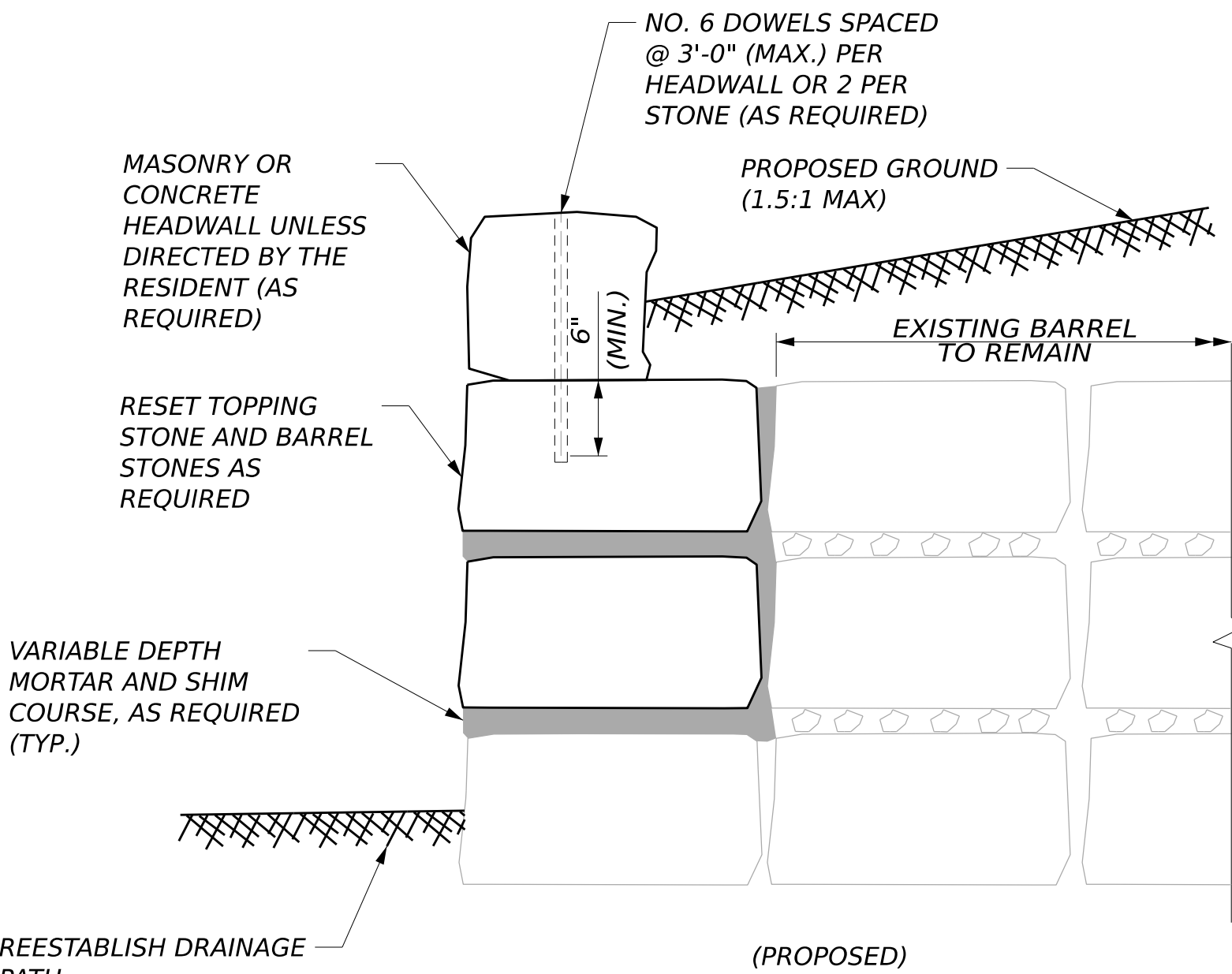
CULVERT REPAIR 1
 (ITEM 525.46 - GRANITE BOX CULVERT INVERT REGRADING)
 (BOX SHOWN, PIPES SIMILAR)



CULVERT REPAIR 2
 (ITEM 525.47 - GRANITE BOX CULVERT INFILTRATION REPAIR)
 (CUT THROUGH CULVERT BARREL)



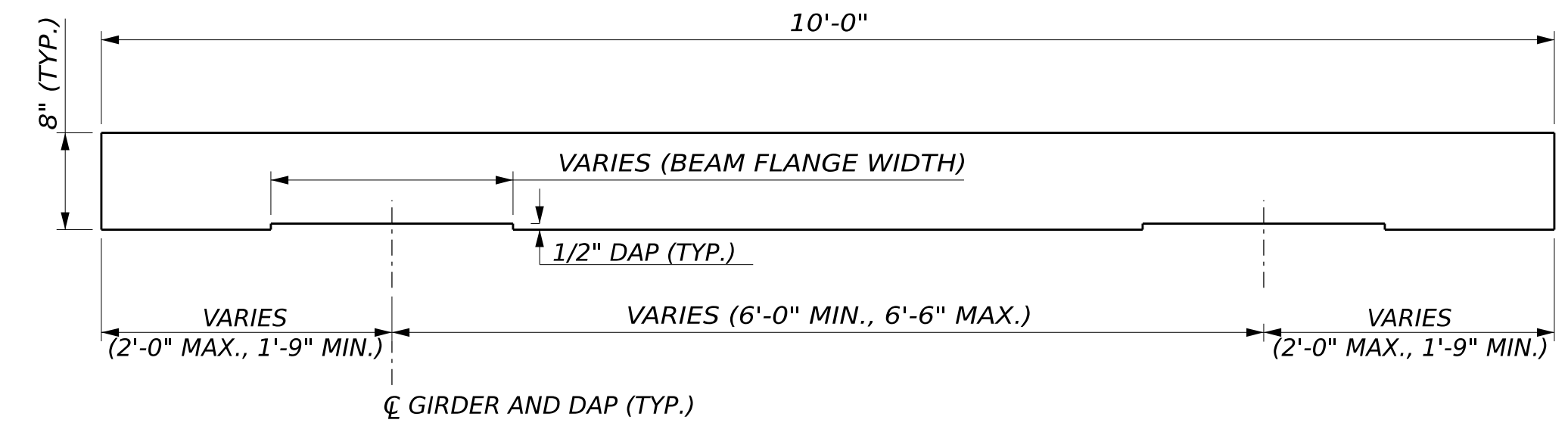
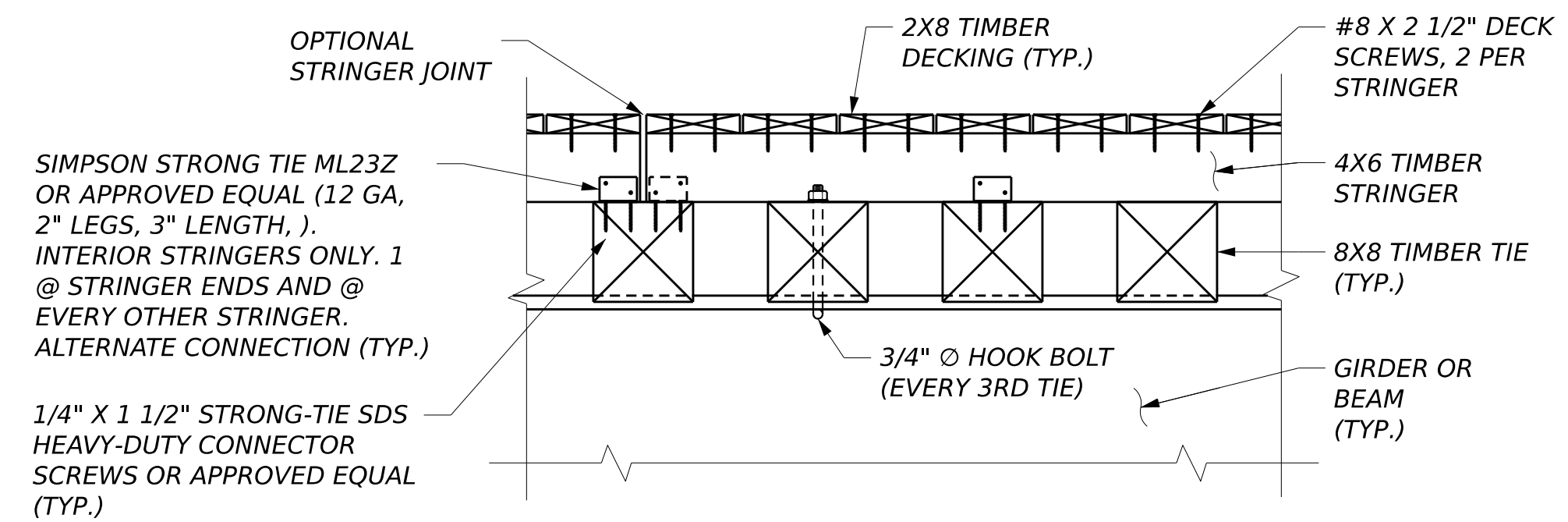
CULVERT REPAIR 3
 (ITEM 525.48 - GRANITE BOX CULVERT END REPAIR)
 (BOX ONLY), (SIDE ELEVATION AT INLET/OUTLET)



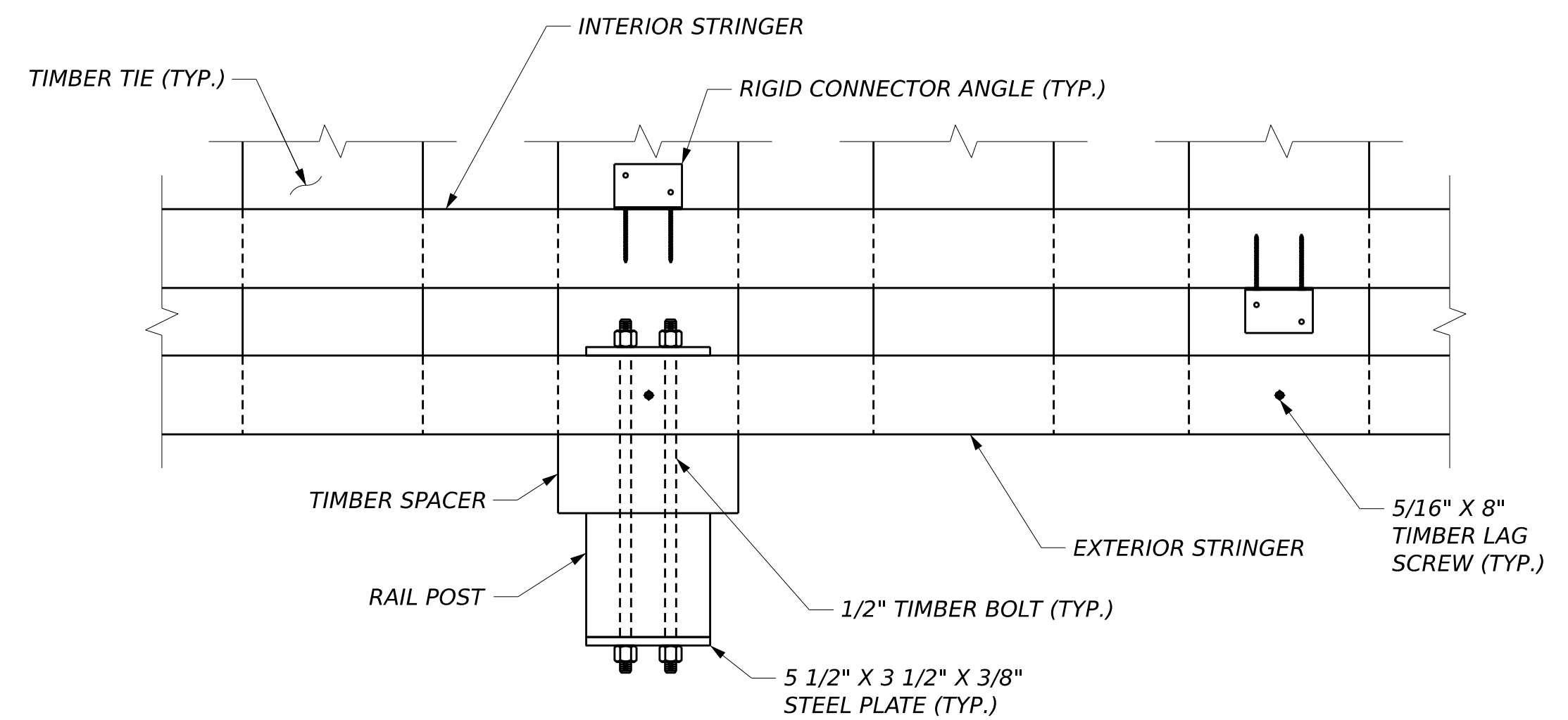
MOUNTAIN DIVISION TRAIL BRIDGES CROSSING MULTIPLE LOCATIONS HIRAM, BROWNFIELD, FRYEBURG <
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1. ALL HARDWARE AND MATERIALS REQUIRED FOR INSTALLATION SHALL BE INCIDENTAL TO THE CONTRACT ITEM.
2. ALL BRIDGE TIES (BRIDGE OR ON-GRADE), STRINGERS, DECKING, POSTS, AND RAILINGS SHALL BE PAID FOR UNDER ITEM 528.601 - STRUCTURAL TIMBER DECKING. REFER TO SPECIAL PROVISION 528 - STRUCTURAL TIMBER DECKING.

BRIDGE TIE

SECTION A-A



TIE CONNECTION PLAN

(DECKING NOT SHOWN FOR CLARITY)

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	2685810
WIN 26858.10	BRIDGE PLANS

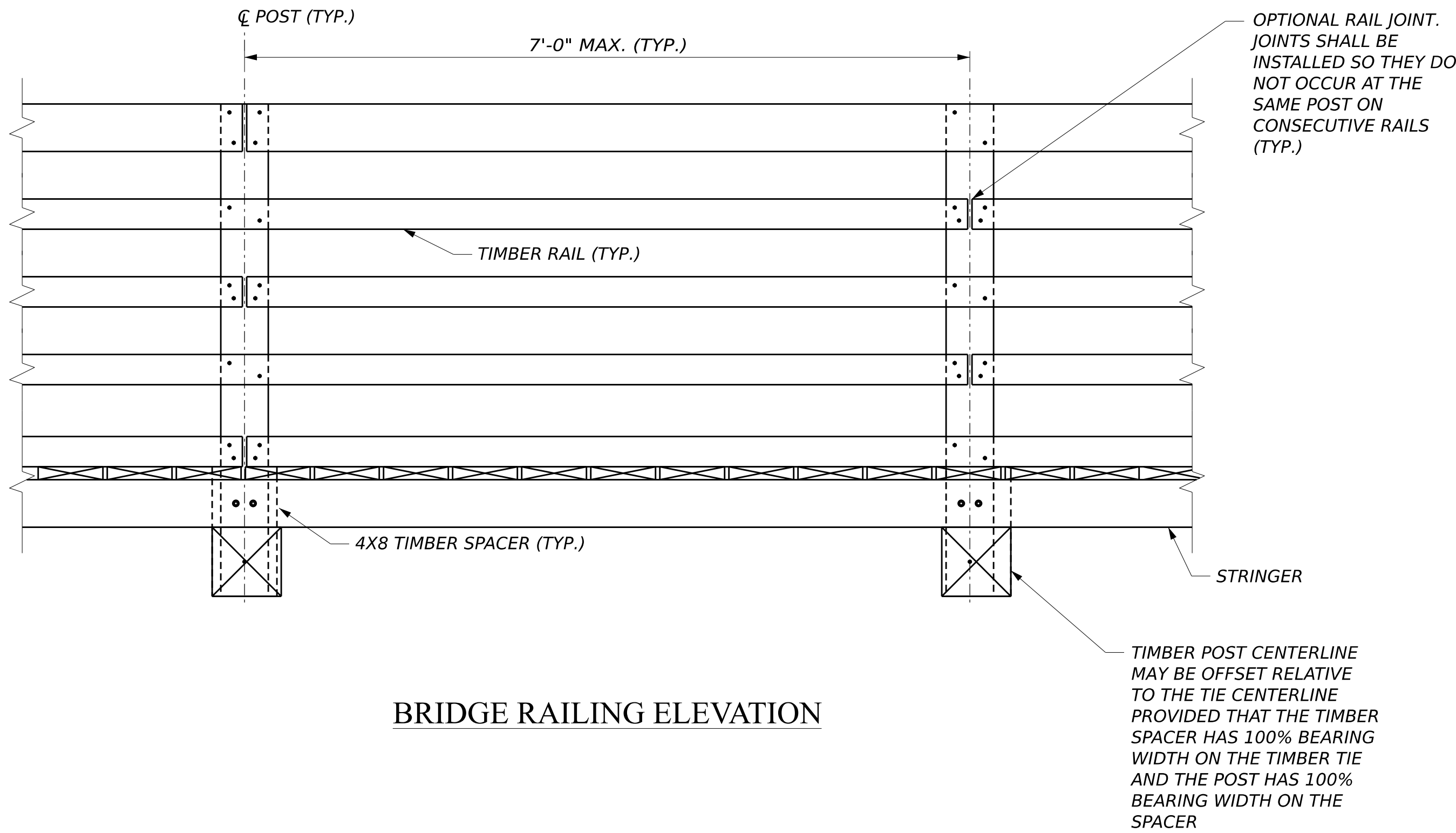
DESIGN-DATE	N. BAERT	N. BAERT	09/26
CHECKED-BY	L. SCHWELER	K. ZACCHINI	09/26
DESIGN-DETAILS			
DESIGN-DETAILS			
REVISIONS 1			P.E. NUMBER
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			DATE

DECK DETAILS

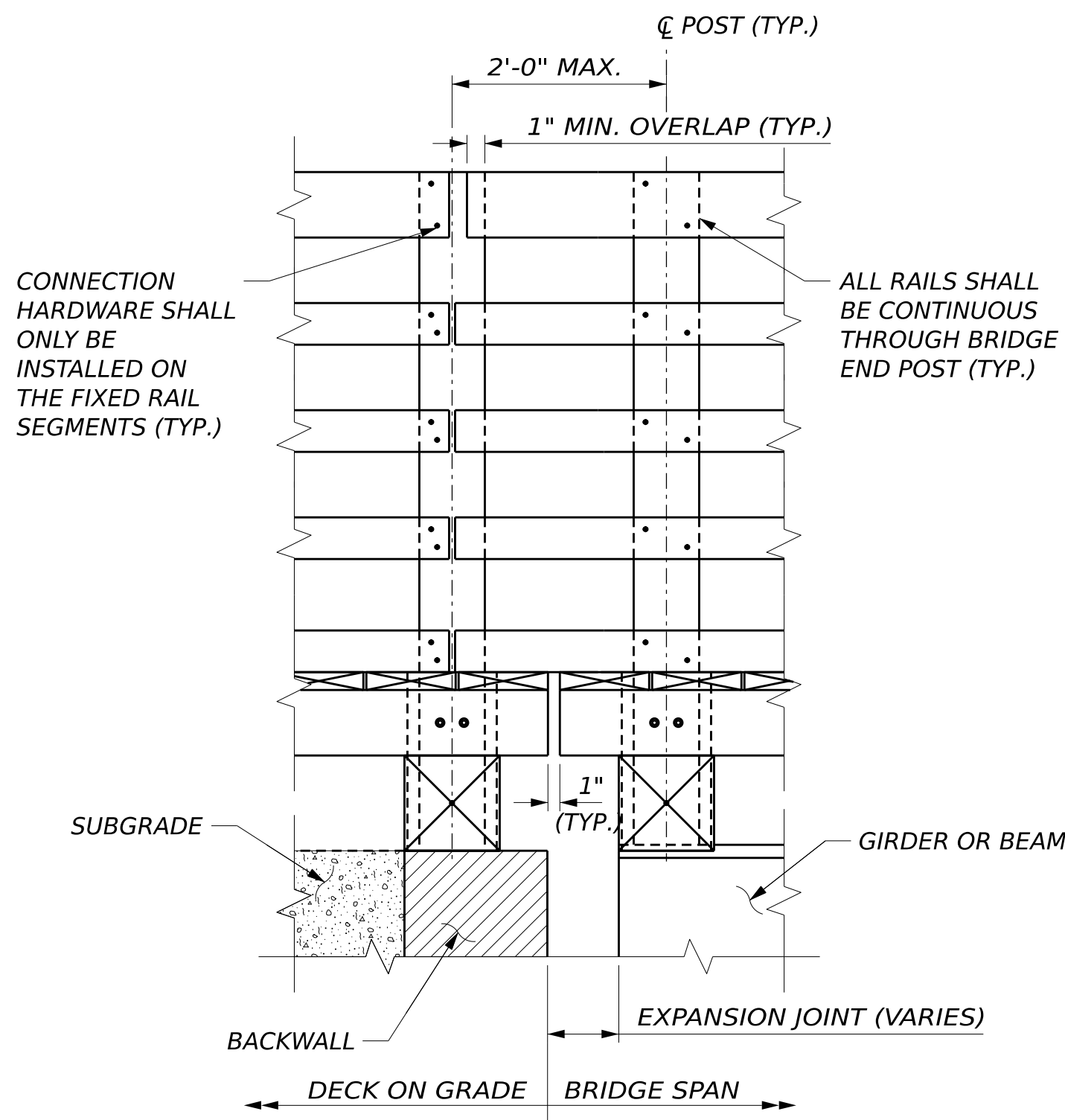
SHEET NUMBER

229

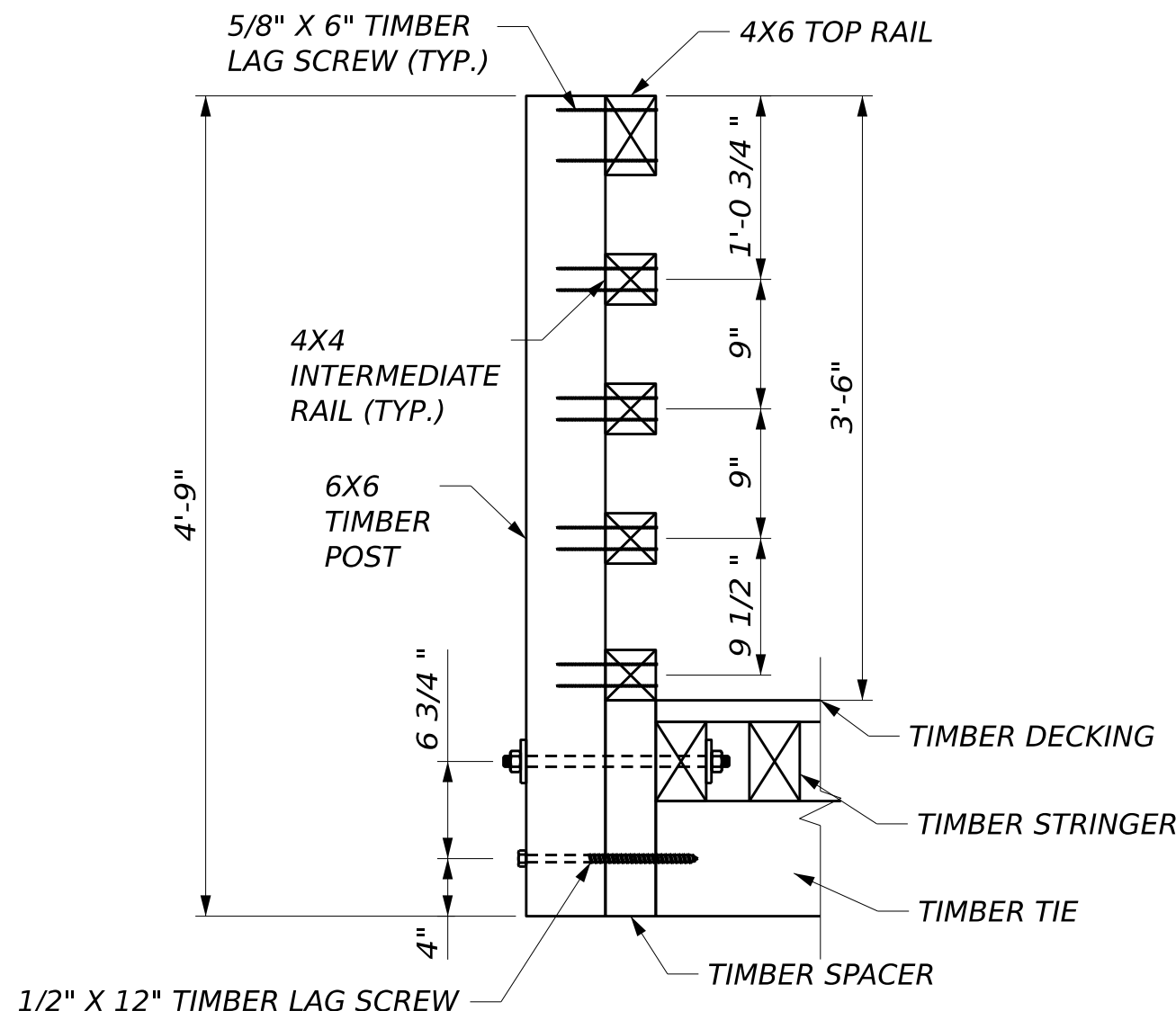
OF 236



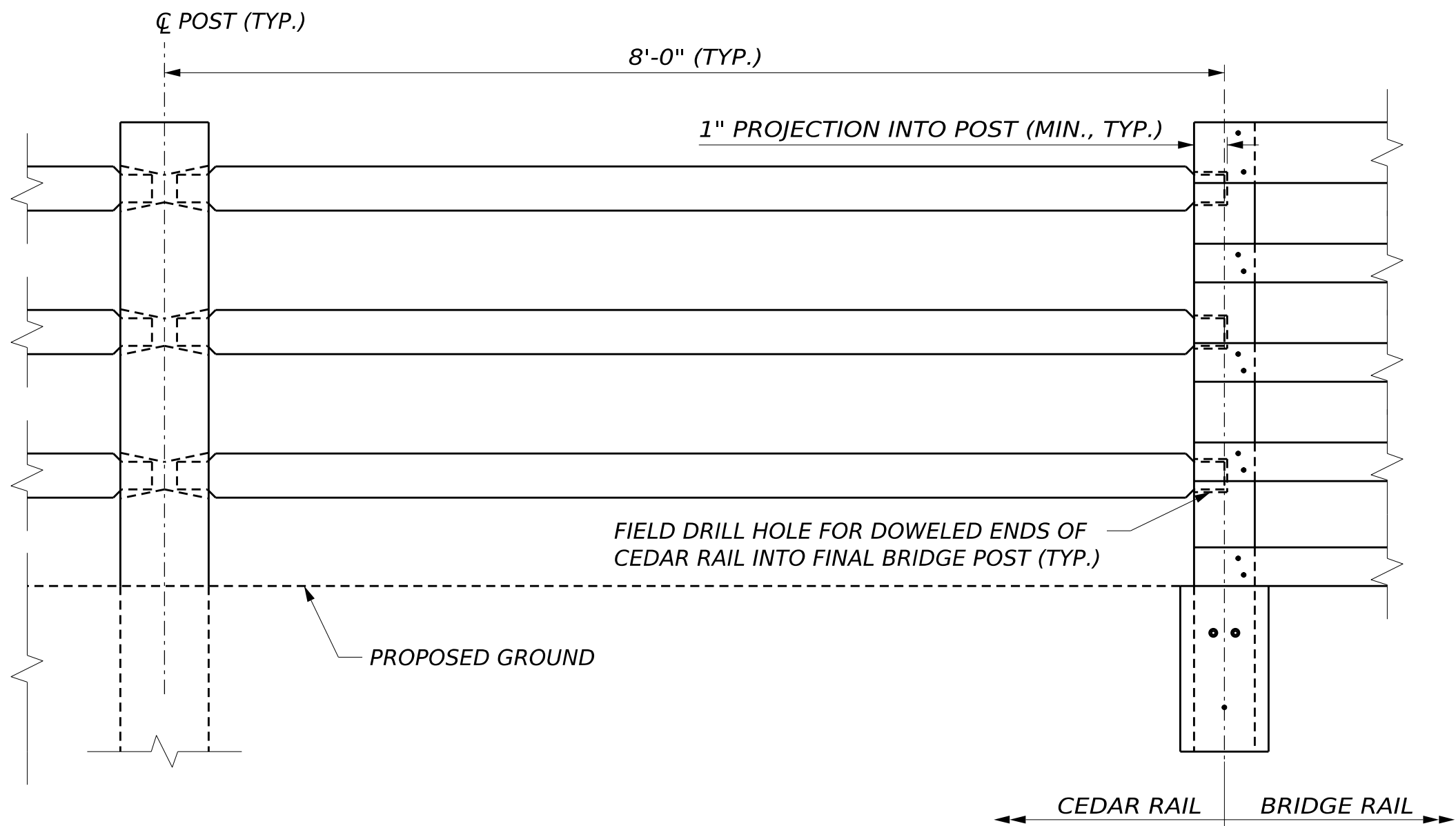
BRIDGE RAILING ELEVATION



BRIDGE RAILING TRANSITION ELEVATION - DECK ON GRADE
(BACKWALL RECONSTRUCTION SHOWN, OTHERS SIMILAR)

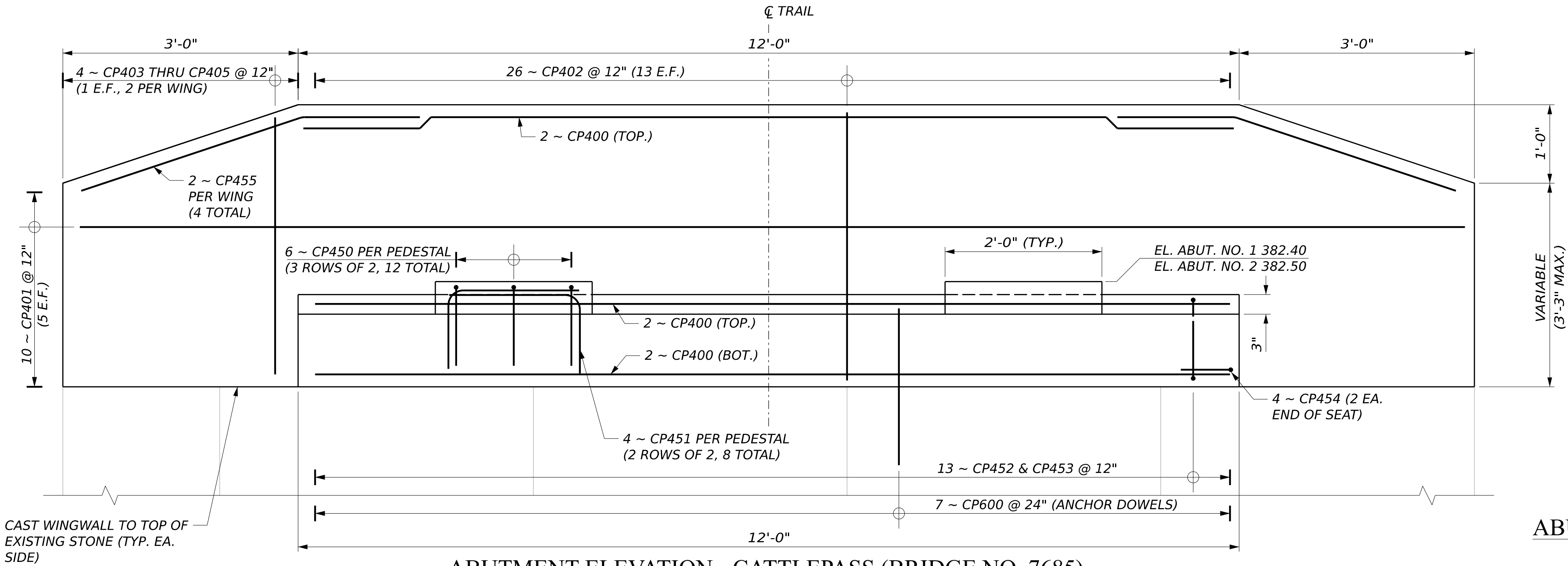


TYPICAL RAILING SECTION

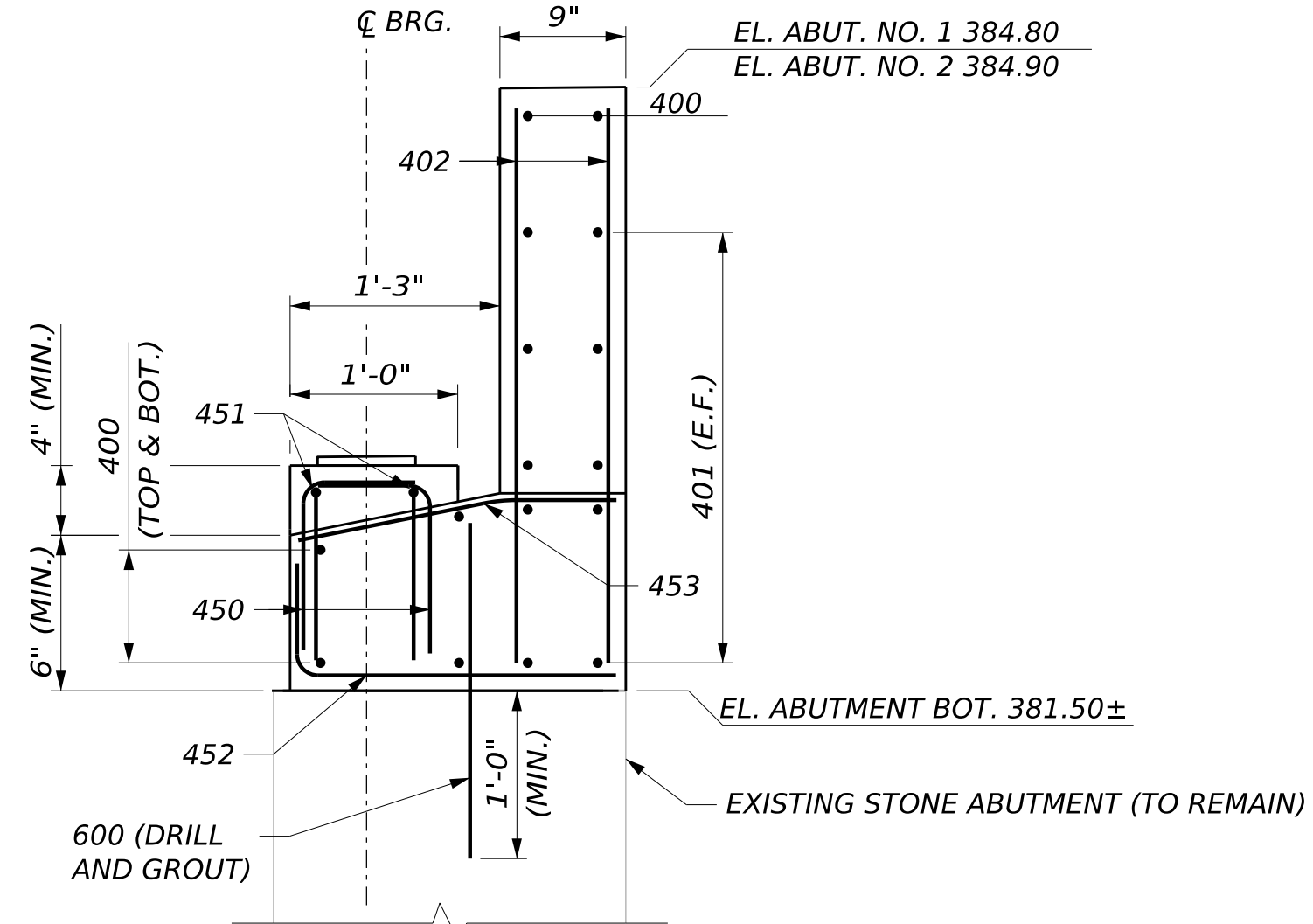


BRIDGE RAILING TRANSITION
(DECK ON GRADE SHOWN, OTHERS SIMILAR)

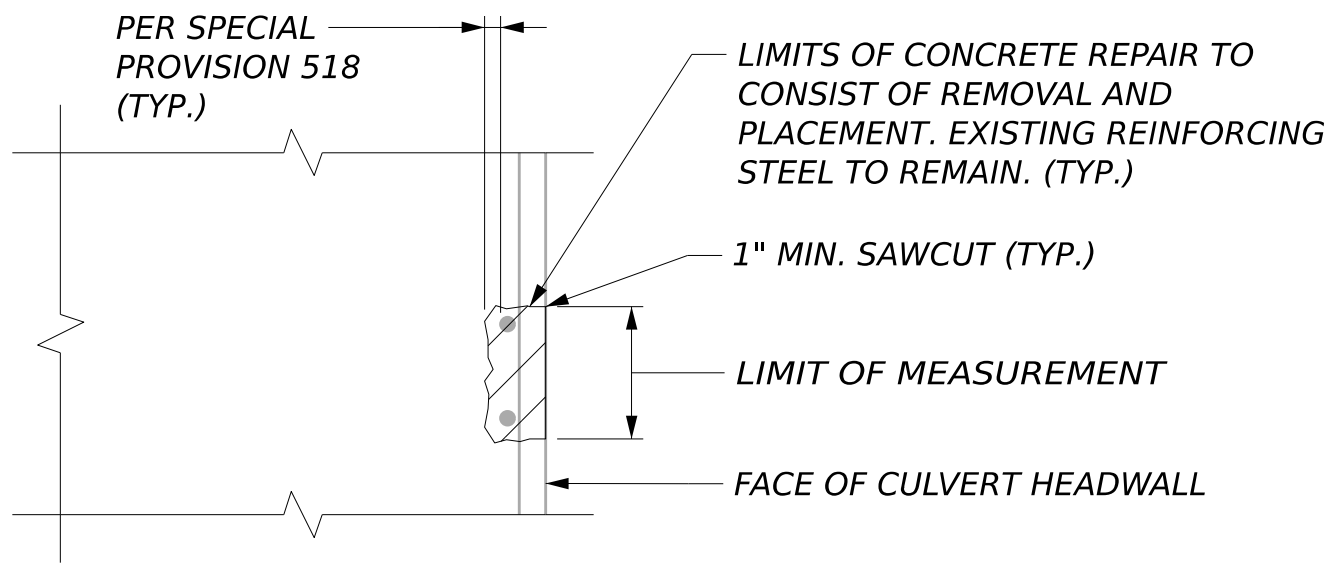
STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		2685810		WIN		26858.10		BRIDGE PLANS	
MOUNTAIN DIVISION TRAIL BRIDGES		CROSSING MULTIPLE LOCATIONS		HIRAM, BROWNFIELD, FRYEBURG		SIGNATURE		P.E. NUMBER		DATE	
RAILING DETAILS		SHEET NUMBER		230		OF		236			
PROJ. MANAGER		DESIGN-DETAILED		CHECKED-REVIEWED		DESIGN-DETAILED		REVISIONS 1		REVISIONS 2	
D. LORING		N. BAERT		K. SCHWEIZER		L. ZACCHINI					
BY		DATE									
09/26		09/26									
FIELD CHANGES											



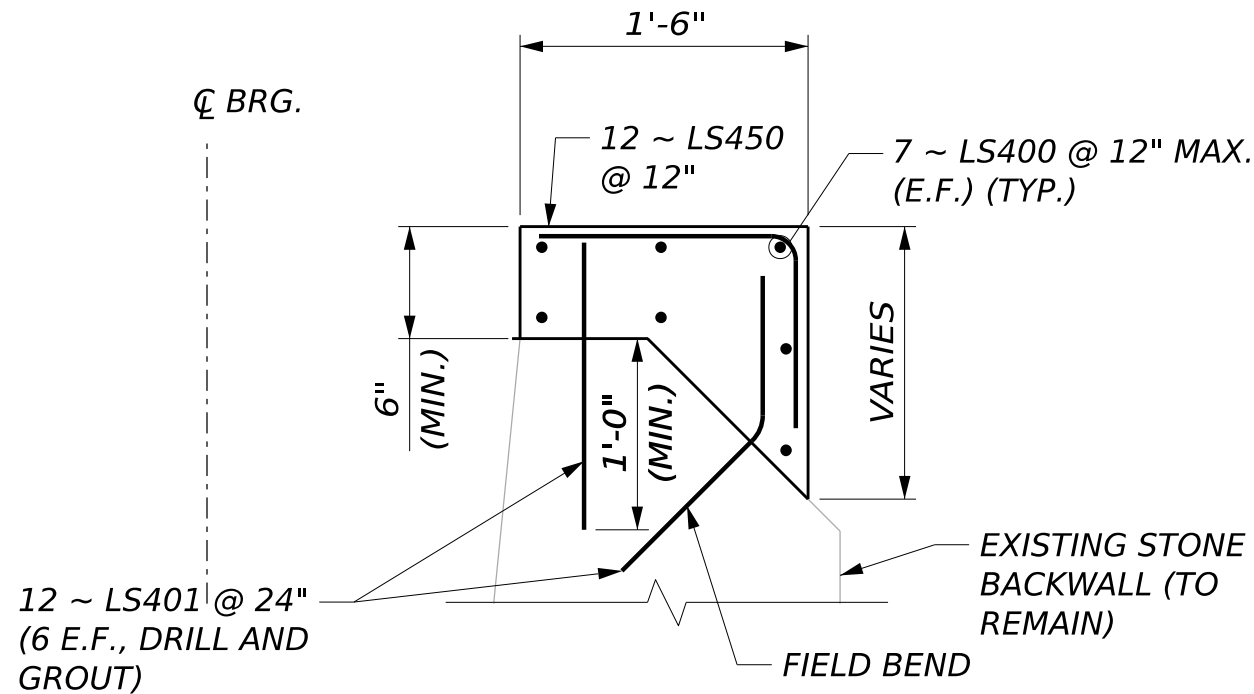
ABUTMENT ELEVATION - CATTLEPASS (BRIDGE NO. 7685)



ABUTMENT II SECTION - CATTLEPASS (BRIDGE NO. 7685)
(ABUTMENT I SIMILAR)

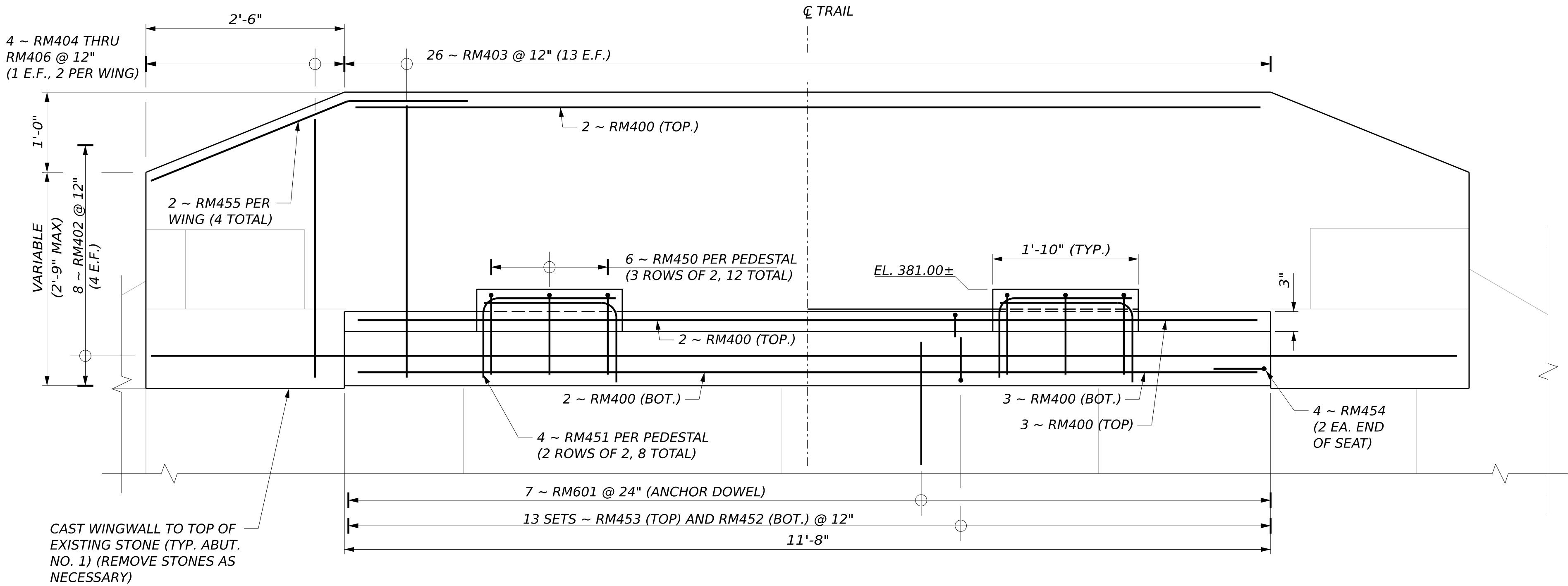


CONCRETE SURFACE PATCH REPAIR DETAIL

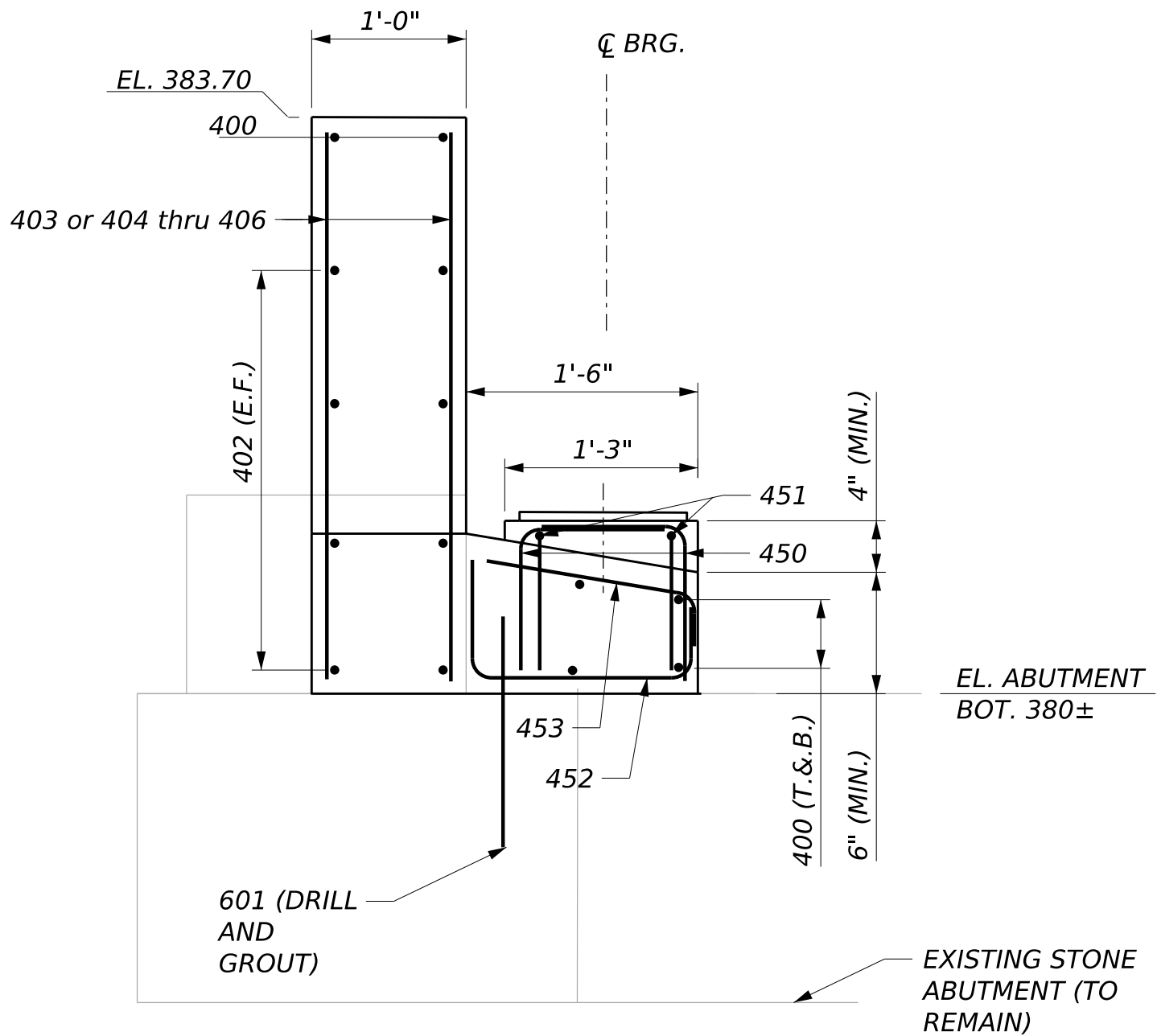


ABUTMENT II SECTION - LITTLE SACO (BRIDGE NO. 7684)
(ABUTMENT I SIMILAR)

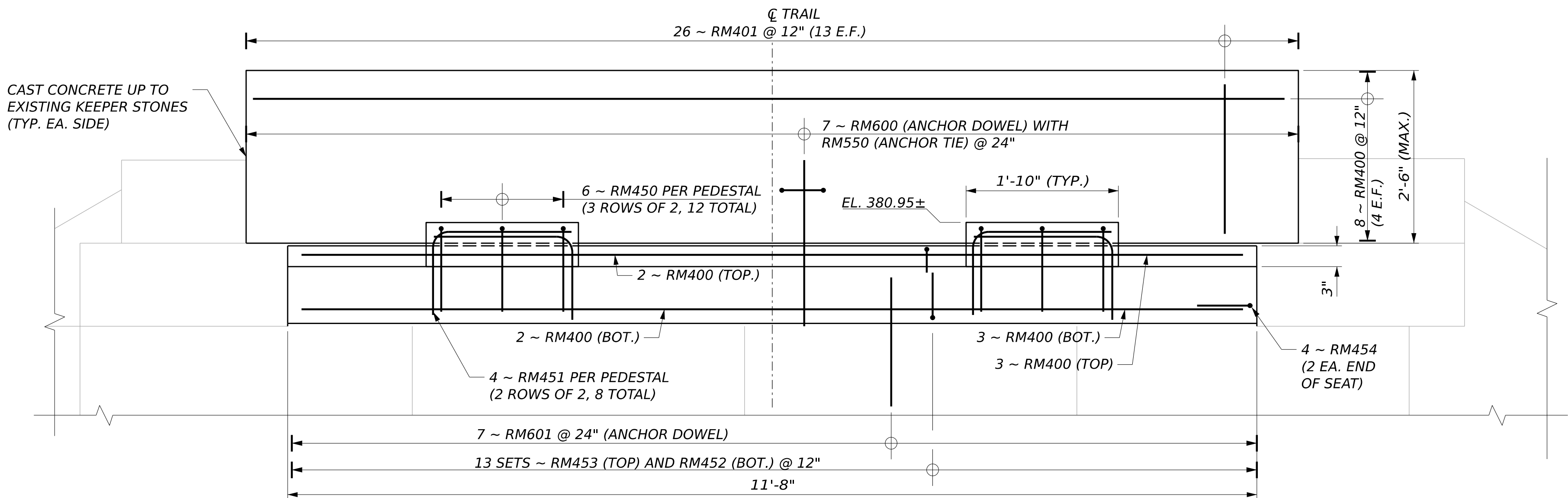
MOUNTAIN DIVISION TRAIL BRIDGES CROSSING MULTIPLE LOCATIONS HIRAM, BROWNFIELD, FRYEBURG					PROJ. MANAGER	D. LORING	BY	DATE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION		
					DESIGN-DETAILED	N. BAERT	N. BAERT	09/26			
BRIDGE SUBSTRUCTURE DETAILS I					CHECKED-REVIEWED	K. SCHWEIZER	L. ZACCHINI	09/26	SIGNATURE		
					DESIGN-DETAILED02				P.E. NUMBER		
					DESIGN-DETAILED03						
					REVISIONS 1						
					REVISIONS 2				DATE		
REVISIONS 3											
REVISIONS 4											
FIELD CHANGES									WIN 26858.10		
BRIDGE PLANS											



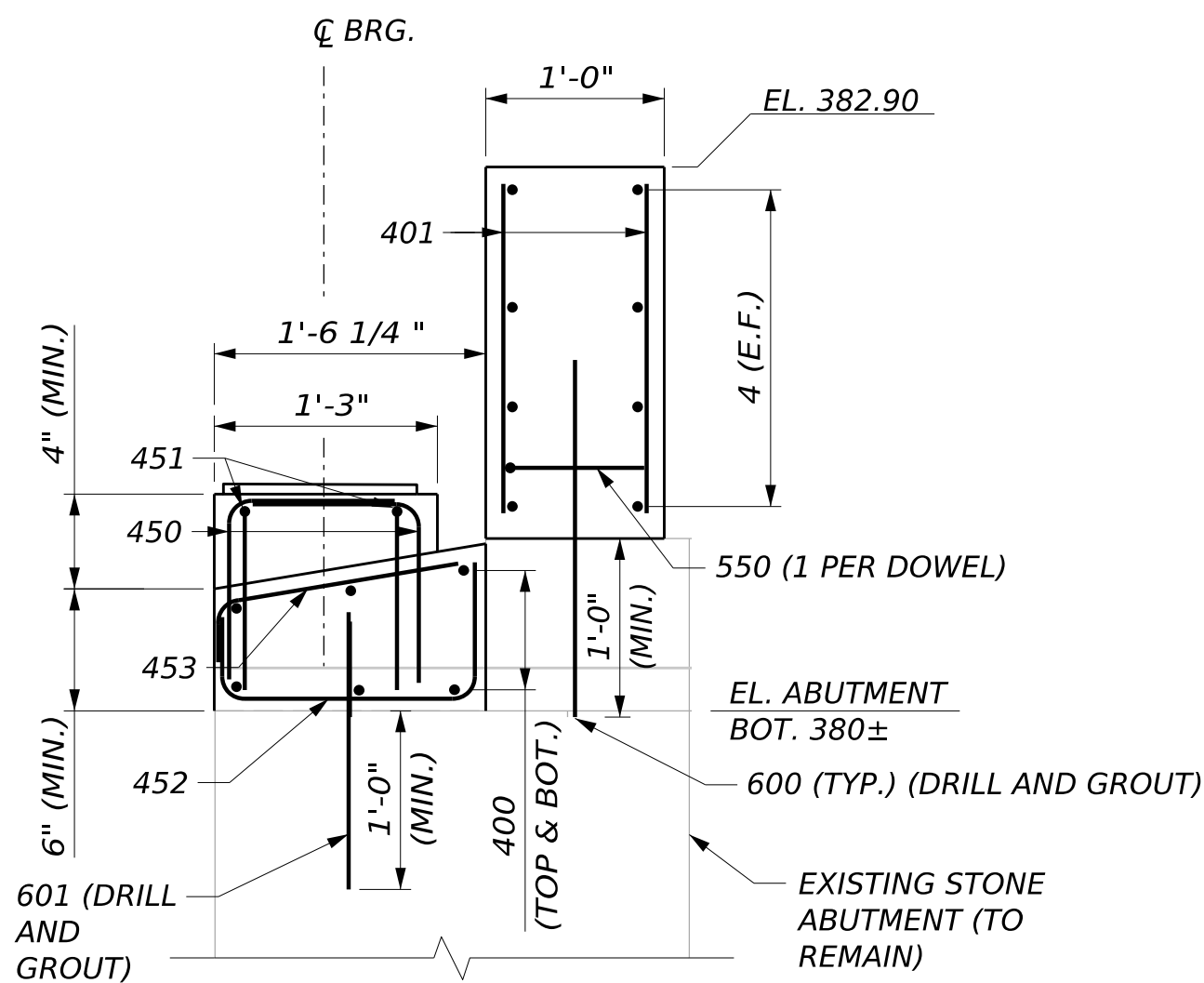
ABUTMENT NO. 1 ELEVATION - RED MILL (BRIDGE NO. 7680)



ABUTMENT NO. 1 SECTION - RED MILL (BRIDGE NO. 7680)



ABUTMENT NO. 2 ELEVATION - RED MILL (BRIDGE NO. 7680)



ABUTMENT NO. 2 SECTION - RED MILL (BRIDGE NO. 7680)

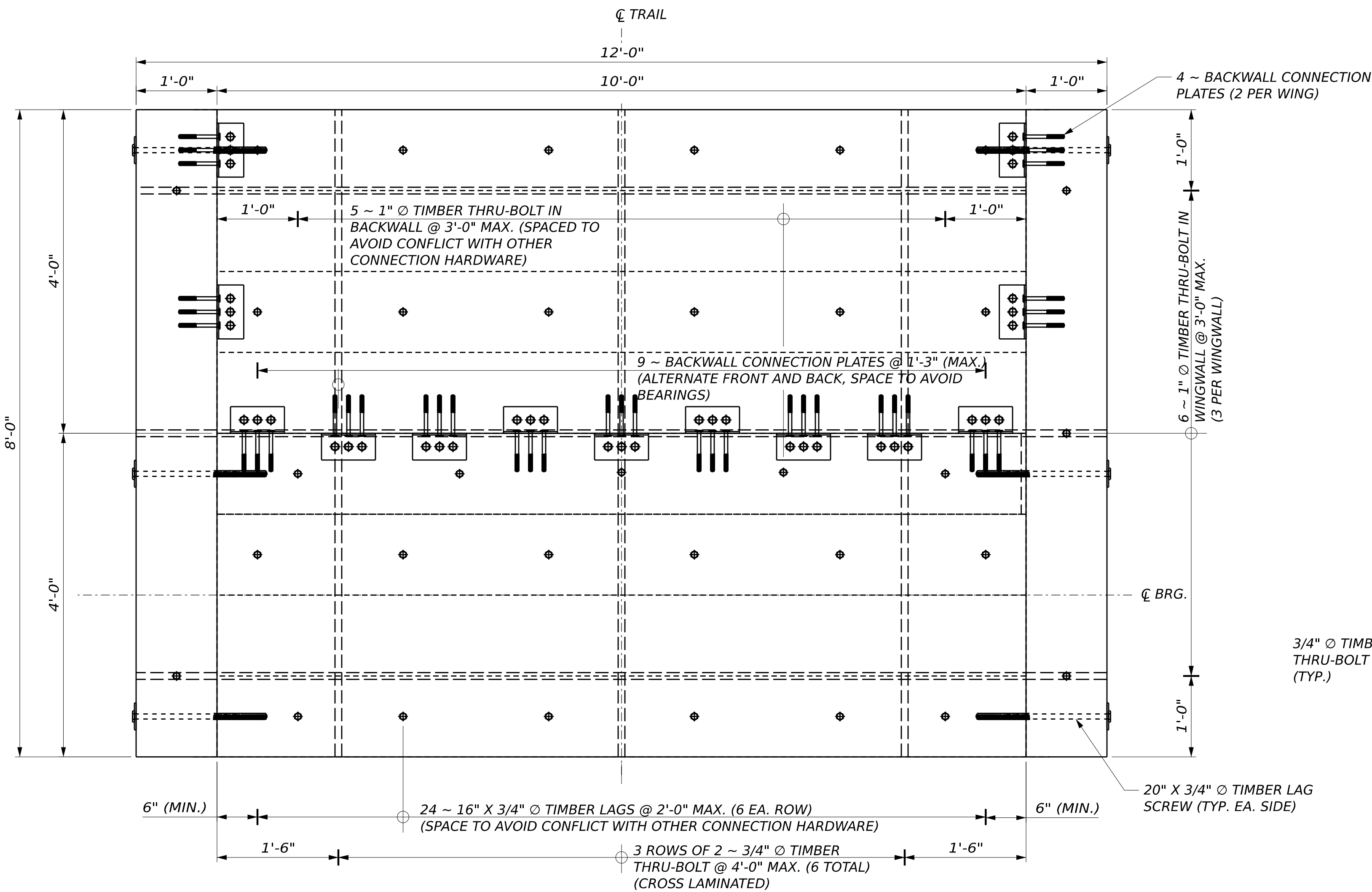
MOUNTAIN DIVISION TRAIL BRIDGES CROSSING MULTIPLE LOCATIONS HIRAM, BROWNFIELD, FRYEBURG BRIDGE SUBSTRUCTURE DETAILS II	SHEET NUMBER		232		OF 236	
	PROJ. MANAGER	D. LORING	BY	DATE		
	DESIGN-DETAILED	N. BAERT	N. BAERT	09/26		
	CHECKED-REVIEWED	K. SCHWEIZER	L. ZACCHINI	09/26		
	DESIGN-DETAILED02				SIGNATURE	
	DESIGN-DETAILED03					
	REVISIONS 1				P.E. NUMBER	
	REVISIONS 2					
	REVISIONS 3					
	REVISIONS 4				DATE	
FIELD CHANGES						
STATE OF MAINE DEPARTMENT OF TRANSPORTATION		2685810				
		WIN 26858.10				
		BRIDGE PLANS				

1. THE CONTRACTOR IS ALLOWED AN ALTERNATIVE DESIGN OF THE BLOCKING SYSTEM TO LEVEL VERTICALLY TO SUBMIT TO THE RESIDENT IN LIEU OF THE ANCHOR PLATE AND ROD SYSTEM. LEVELING SYSTEM MAY NOT BE REQUIRED AT ALL FOUR LOCATIONS.

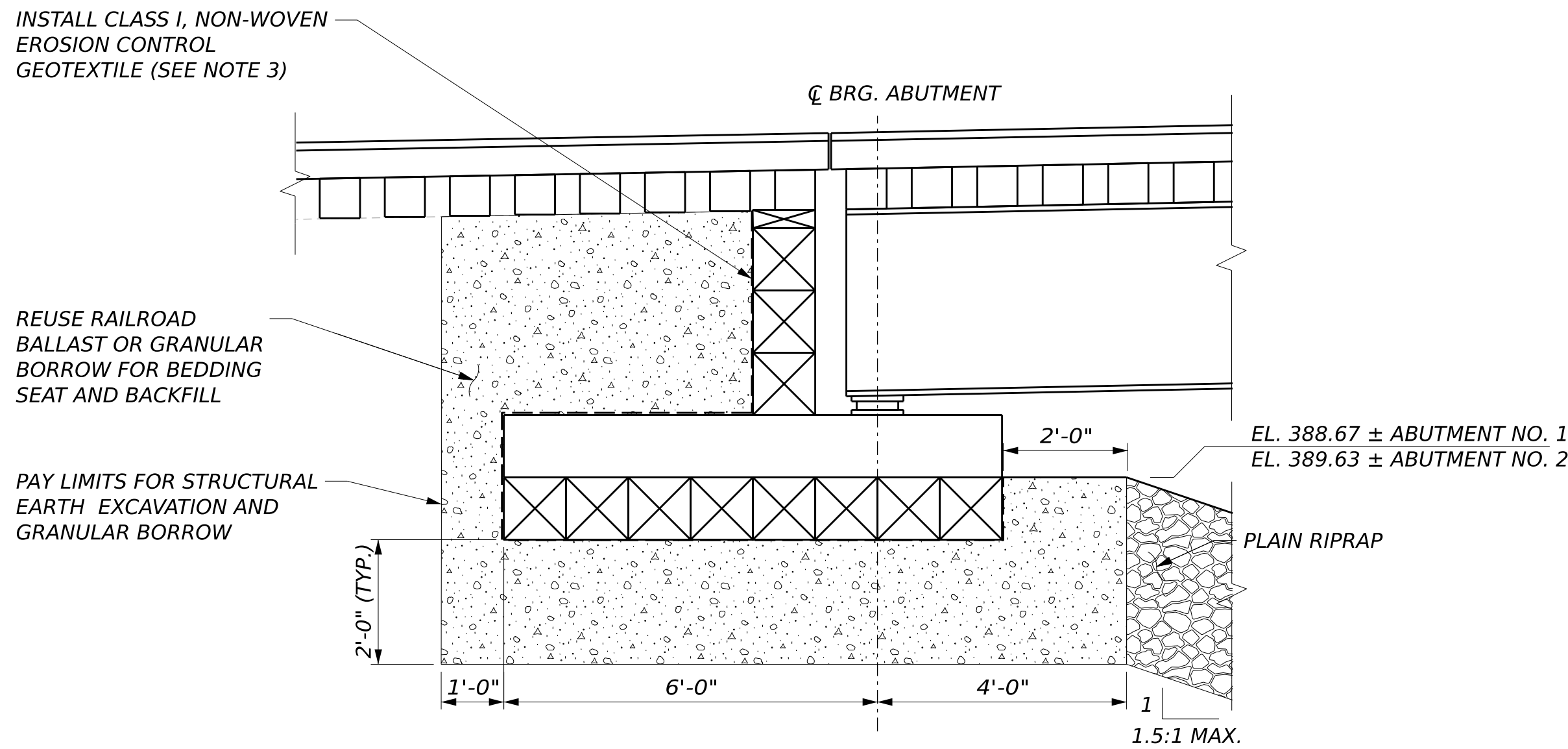
3. THE CONTRACTOR MAY REUSE EXISTING TIES OR SALAVAGED MATERIALS THAT MEET THE SPECIFIED DIMENSIONS AND ARE IN SOUND CONDITION FREE OF SIGNIFICANT ROT, CHECKS, OR SPLITS. TIMBER RETAINING WALL SHALL BE PAID BY LOCATION UNDER ITEM 528.10 - HEAVY TIMBER CONSTRUCTION.



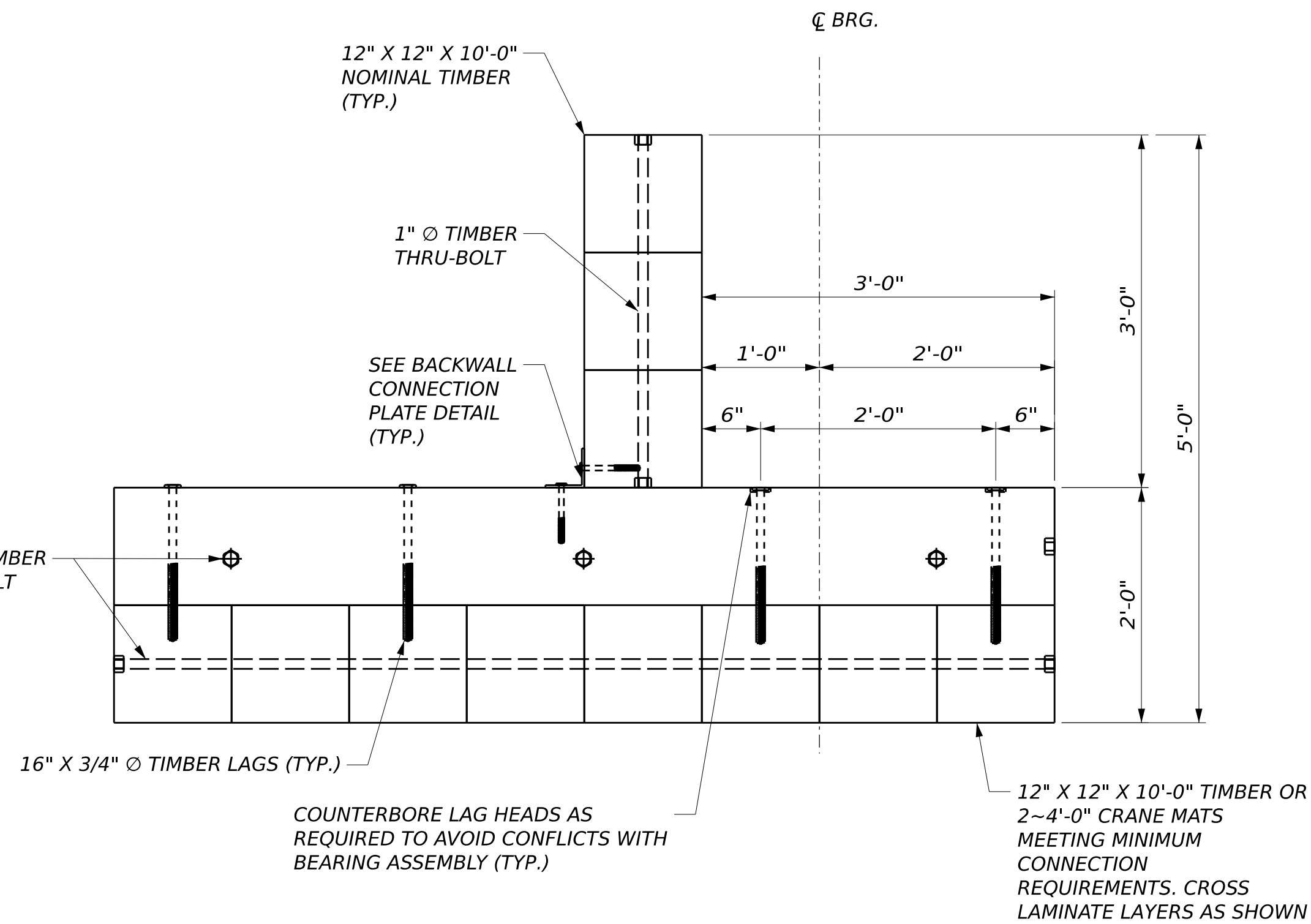
SHEET NUMBER 233 OF 236	MOUNTAIN DIVISION TRAIL BRIDGES CROSSING MULTIPLE LOCATIONS HIRAM, BROWNFIELD, FRYEBURG					STATE OF MAINE DEPARTMENT OF TRANSPORTATION				
	BRIDGE SUBSTRUCTURE DETAILS III					PROJ MANAGER	D. LORING	BY	DATE	SIGNATURE
						DESIGN-DETAILED	N. BAERT	N. BAERT	09/26	
	CHIEF-GD&R-REVIEWED	K. SCHWELER	L. ZACCHINI	09/26	P.E. NUMBER 2685810					
	DESIGN-GD&R-FILED02									
	DESIGN-GD&R-FILED03									
	REVISIONS 1									
	REVISIONS 2				DATE WIN 26858.10					
	REVISIONS 3									
	REVISIONS 4									
FIELD CHANGES				BRIDGE PLANS						



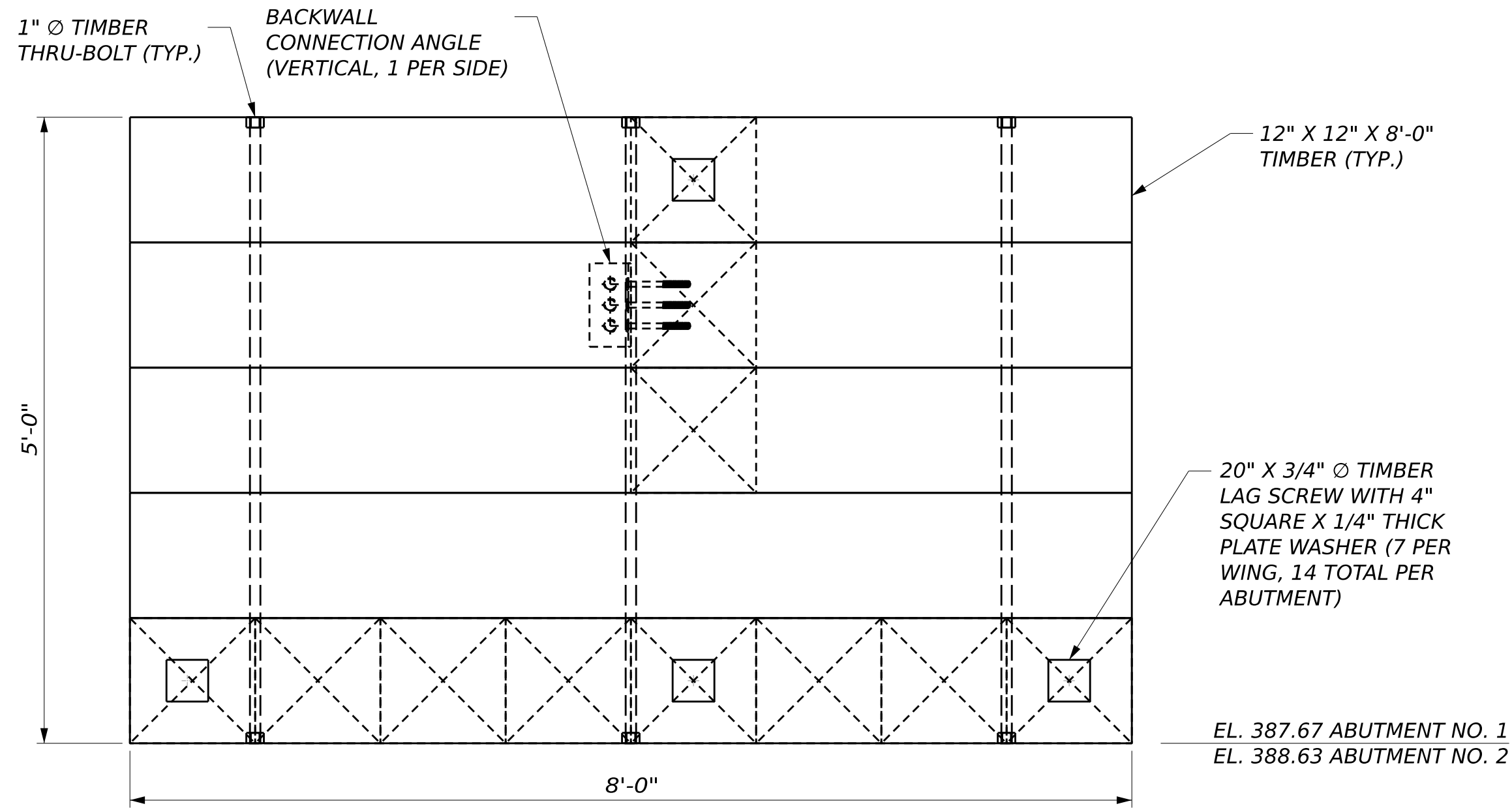
ABUTMENT PLAN - PIERCES BROOK (BRIDGE NO. 7681)
(ABUT. NO. 1 SHOWN, ABUT. NO. 2 SIMILAR)



ABUTMENT BACKFILL DETAIL- PIERCES BROOK (BRIDGE NO. 7681)



ABUTMENT SECTION - PIERCES BROOK (BRIDGE NO. 7681)
(BEARING ASSEMBLY NOT SHOWN)

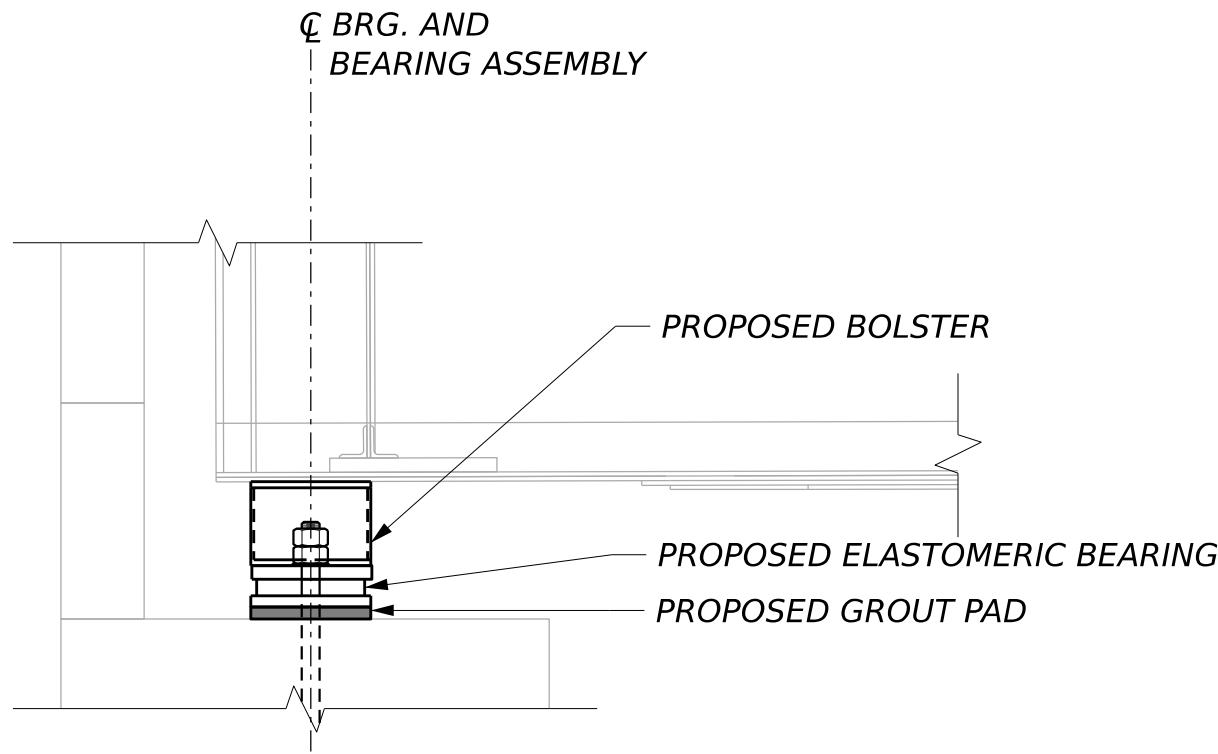


RETURN WALL ELEVATION - PIERCES BROOK (BRIDGE NO. 7681)

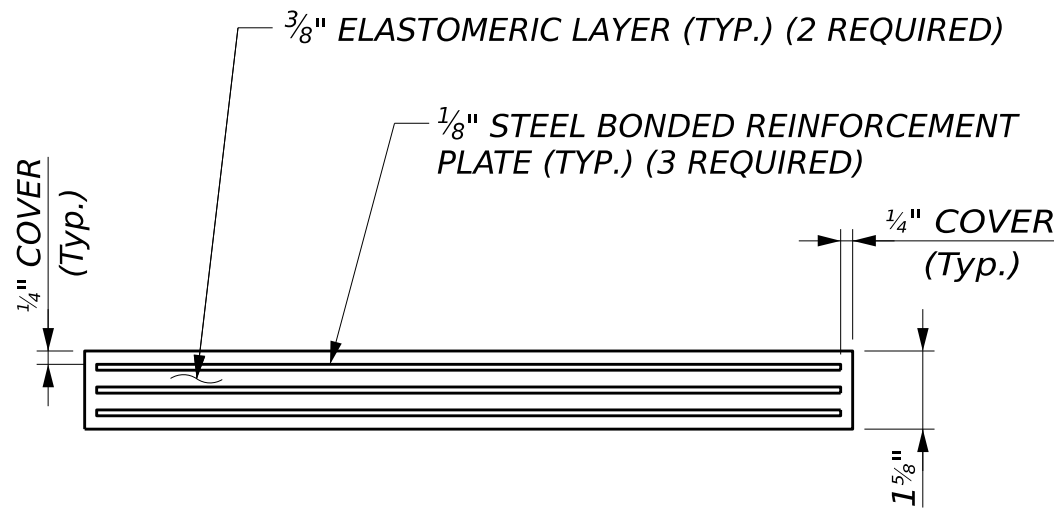
NOTES:

1. TIMBER SUBSTRUCTURES AT PIERCES BROOK SHALL BE PAID FOR UNDER ITEM 528.10 HEAVY TIMBER CONSTRUCTION.
2. ALL MATERIALS, FASTENERS, AND BEARING CONDITIONS SHALL BE PER SPECIAL PROVISION 528, HEAVY TIMBER CONSTRUCTION.
3. GEOTEXTILE SHALL BE PLACED ALONG THE VERTICAL BACK FACE OF THE ABUTMENT, BACKWALL, WINGWALLS, AND AT LOCATIONS WHERE BEARING ON SOIL. EROSION CONTROL GEOTEXTILE, INSTALLATION AND MATERIALS, SHALL BE CONSIDERED INCIDENTAL TO ITEM 528.10.

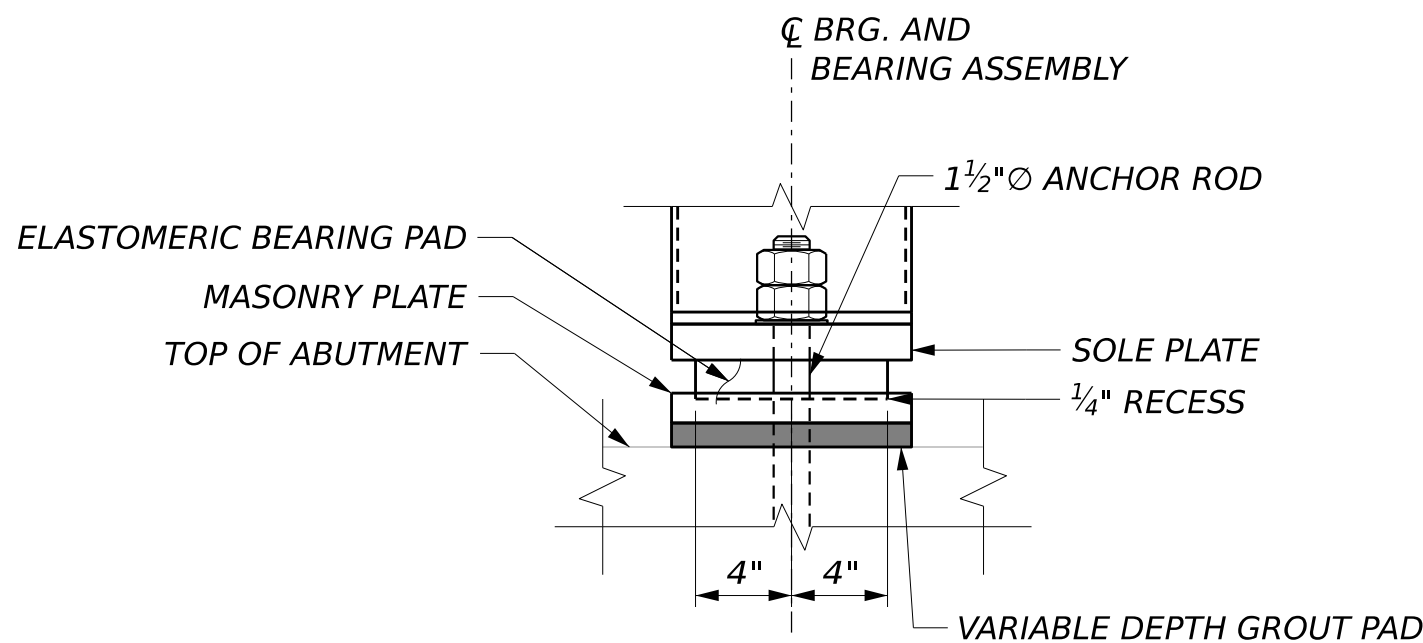
STATE OF MAINE DEPARTMENT OF TRANSPORTATION				2685810				WIN 26858.10				BRIDGE PLANS			
PROJECT MANAGER				DESIGN-DETAILED				REVISIONS 1				REVISIONS 4			
CHECKED-REVIEWED				DESIGN-DETAILED				REVISIONS 2				REVISIONS 3			
BY				DATE				SIGNATURE				P.E. NUMBER			
D. LORING				09/26				DATE				DATE			
N. BAERT				09/26				DATE				DATE			
K. SCHWEIZER				09/26				DATE				DATE			
MOUNTAIN DIVISION TRAIL BRIDGE NO. 7681 CROSSING PIERCES BROOK HIRAM, BROWNFIELD, FRYEBURG				BRIDGE SUBSTRUCTURE DETAILS IV				SHEET NUMBER				234			
								OF				236			



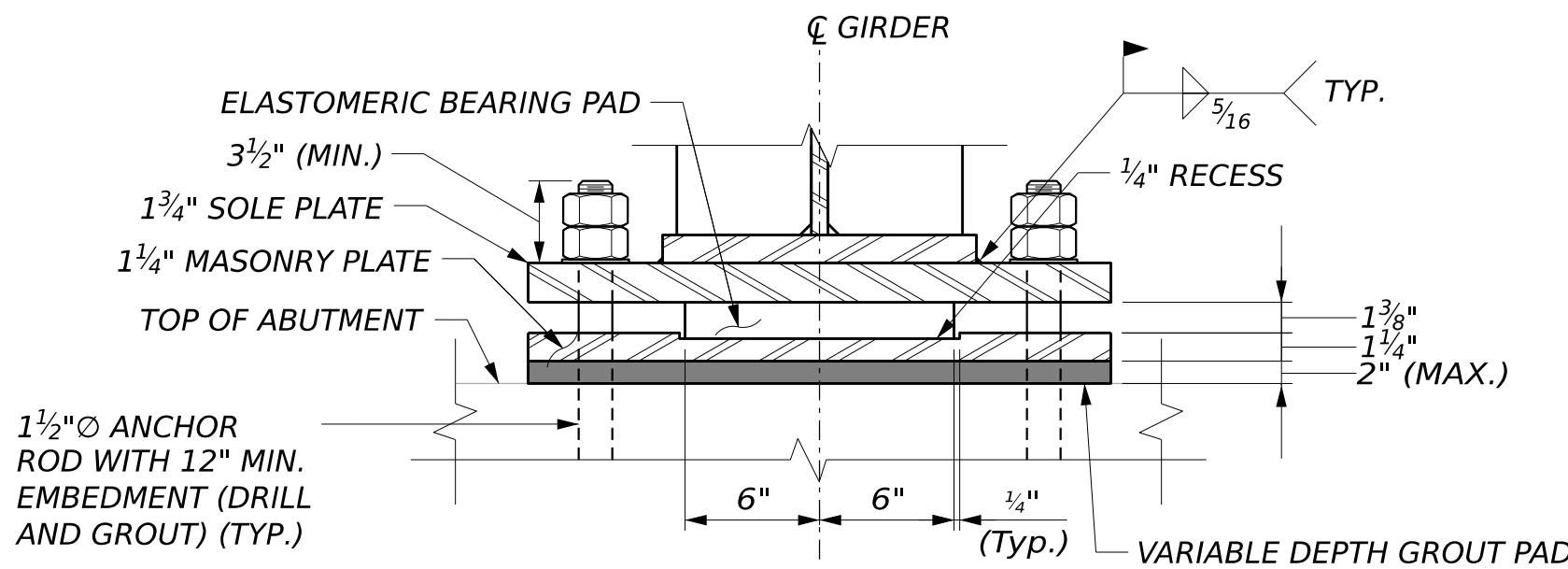
BOLSTER DETAIL
(BOLSTERS REQUIRED AT SHEPARDS BROOK BRIDGE ONLY)



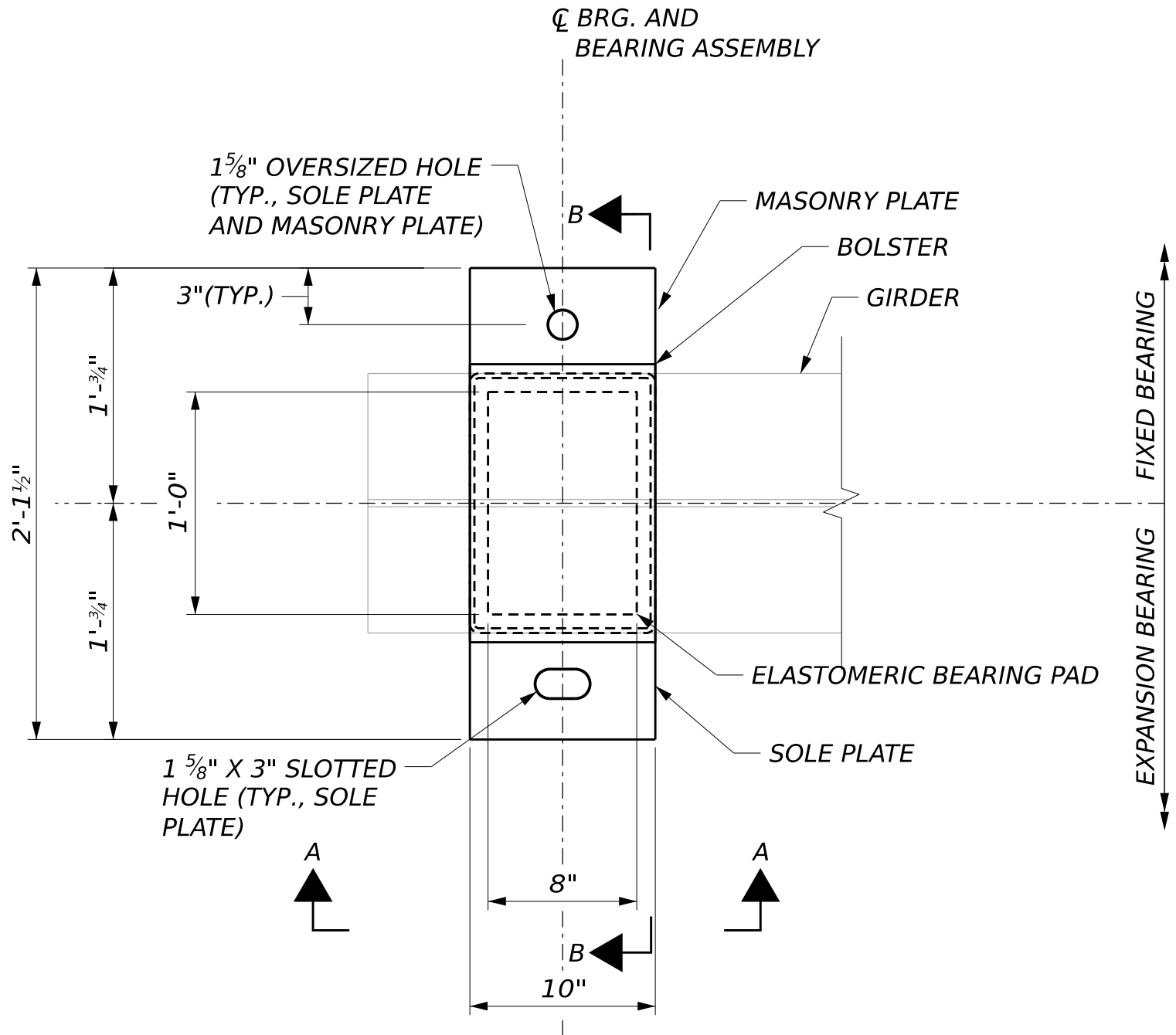
ELASTOMERIC BEARING PAD



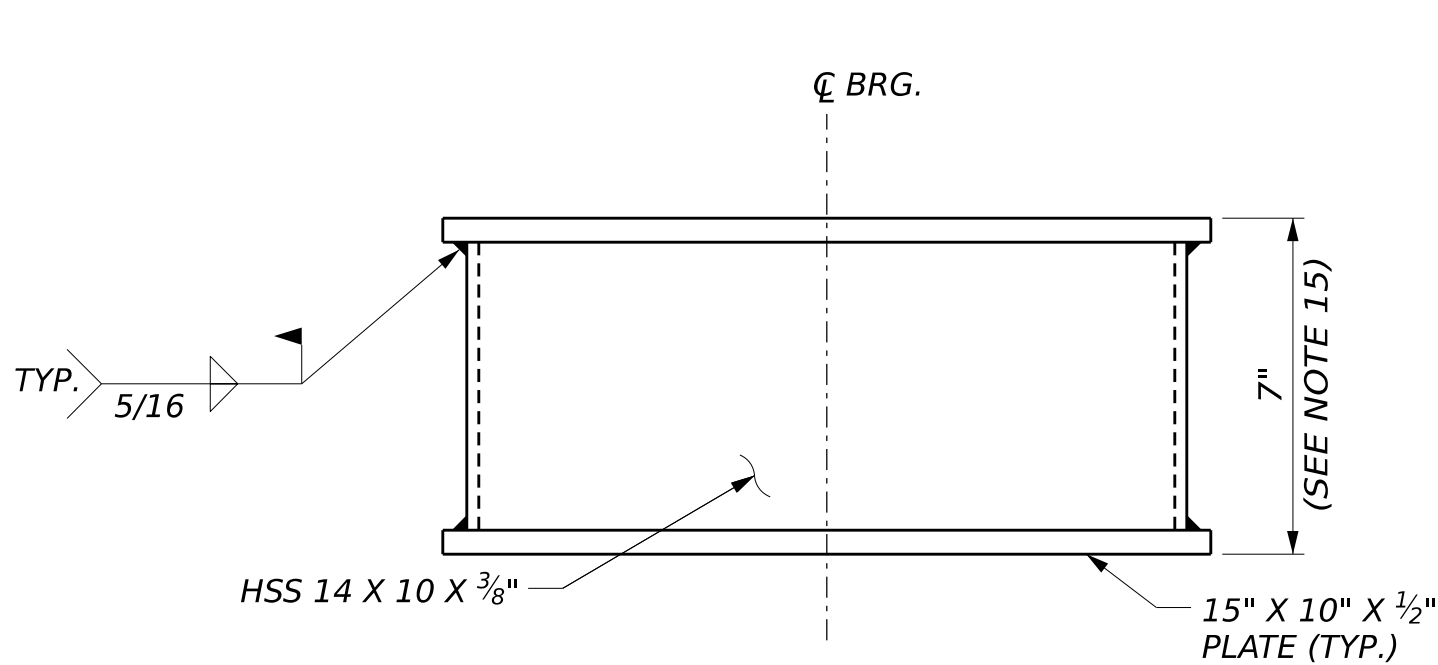
SECTION A-A



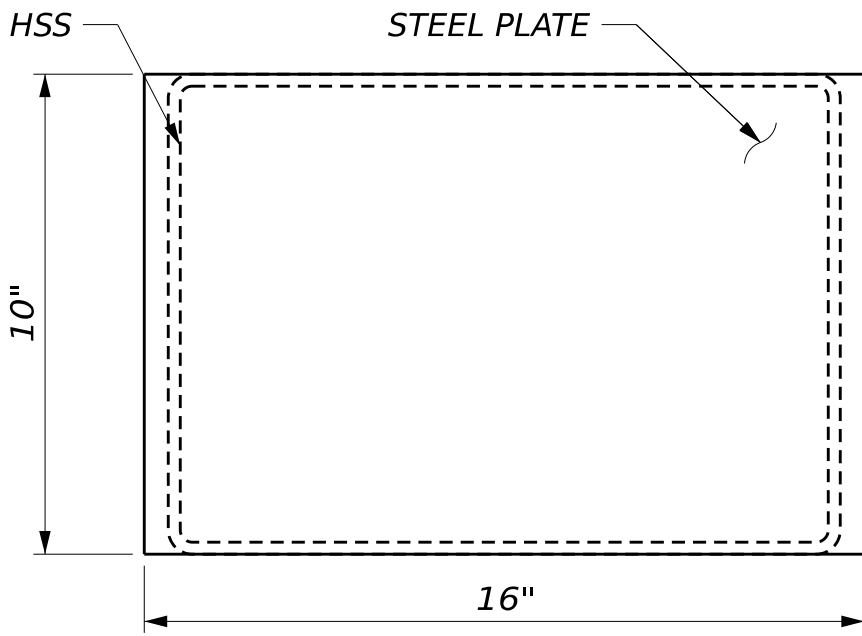
SECTION B-B



PLAN



BOLSTER ELEVATION



BOLSTER PLAN

BEARING NOTES:

- ELASTOMER SHALL BE EITHER POLYCHLOROPRENE (NEOPRENE) OR NATURAL POLYISOPRENE WITH DUROMETER HARDNESS OF 50. THE SHEAR MODULUS OF THE ELASTOMER SHALL BE 110 PSI. THE ELASTOMER SHALL BE LOW-TEMPERATURE GRADE 4 OR HIGHER.
- MASONRY PLATES AND SOLE PLATES SHALL MEET THE REQUIREMENTS OF ASTM A709, GRADE 50. ANCHOR RODS SHALL MEET THE REQUIREMENTS OF ASTM F1554, GRADE 105 AND SHALL BE SWEDGED ON THE EMBEDDED PORTION OF THE ROD. WASHERS SHALL BE AASHTO F436 AND NUTS SHALL BE AASHTO A563.
- VULCANIZING OF THE ELASTOMER TO THE SOLE PLATE, SHALL BE DONE DURING THE PRIMARY MOLD PROCESS. THE MASONRY PLATE SHALL NOT BE VULCANIZED OR BONDED IN ANY WAY TO THE ELASTOMER.
- UPSET THE THREADS ON THE ANCHOR RODS AFTER ASSEMBLY OF THE BEARING.
- BEARINGS SHALL BE COVERED DURING SHIPPING AND AT ANY TIME PRIOR TO INSTALLATION THAT THE BEARINGS MAY BE EXPOSED TO SUNLIGHT.
- ALL BEARINGS SHALL BE MARKED PRIOR TO SHIPPING. THE MARKS SHALL INCLUDE THE BEARING LOCATION ON THE BRIDGE, AND A DIRECTION ARROW THAT POINTS UP-STATION. ALL MARKS SHALL BE PERMANENT AND SHALL BE VISIBLE AFTER THE BEARING IS INSTALLED.
- BEARING PADS WERE DESIGNED USING "METHOD A", AND SHALL BE SUBSEQUENTLY TESTED IN ACCORDANCE WITH THE SPECIFICATIONS.
- THE BEARINGS MAY BE REPLACED WHEN THE AMBIENT AIR TEMPERATURE IS WITHIN THE RANGE OF 30°F AND 90°F. IF THE AMBIENT AIR TEMPERATURE IS OUTSIDE THIS RANGE, THE BEARINGS SHALL BE RESET AS DIRECTED BY THE RESIDENT.
- MASONRY PLATES, SOLE PLATES, AND BOLSTERS SHALL BE GALVANIZED IN ACCORDANCE WITH SECTION 506. ANCHOR RODS, WASHERS AND NUTS SHALL BE GALVANIZED TO ASTM A153 OR ASTM B695, CLASS 50, TYPE 1.
- THE "BEARING DESIGN LOAD" FOR EACH BEARING AS NOTED IN THE TABLE BELOW IS THE TOTAL LOAD FOR THE SERVICE I LOAD COMBINATION, WITHOUT IMPACT.
- THE CONTRACTOR SHALL NOT WELD THE GIRDERS TO THE SOLE PLATE UNTIL AFTER ALL ADJUSTMENTS HAVE BEEN MADE IN ACCORDANCE WITH STANDARD SPECIFICATION SECTION 523.094.
- ALL NECESSARY PRECAUTIONS SHALL BE TAKEN TO PROTECT BEARING COMPONENTS FROM FIELD WELD FLASH AND SPATTER. HEAT FROM WELDING OPERATIONS SHALL BE CONTROLLED SUCH THAT STEEL ADJACENT TO THE ELASTOMER DOES NOT EXCEED 200°F. THE TEMPERATURE SHALL BE VERIFIED BY USE OF TEMPERATURE INDICATING CRAYONS OR OTHER SUITABLE MEANS.
- BOLSTERS ARE REQUIRED ONLY AT SHEPARDS BROOK BRIDGE (NO. 7683). THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS PRIOR TO FABRICATING THE BOLSTERS. THE CONTRACTOR SHALL FIELD VERIFY THE GEOMETRY OF THE BOLT PATTERN CONNECTING THE EXISTING GIRDER TO THE EXISTING BEARING ASSEMBLY AND SHALL ADJUST THE SPACING OF THE BOLT HOLES ON THE PROPOSED BOLSTER AS NECESSARY TO ALIGN WITH THE BOLT PATTERN IN THE EXISTING GIRDER. THE CONTRACTOR MAY SUBMIT A CONCRETE PEDESTAL OR STEEL ALTERNATIVE FOR REVIEW AND APPROVAL. BOLSTERS SHALL BE INCIDENTAL TO THE BEARING INSTALLATION PER SPECIAL PROVISION 523.

BEARING DESIGN CRITERIA		
CRITERIA	FIXED ABUTMENTS	EXPANSION ABUTMENTS
UNFACTORED DEAD LOAD (KIPS)	20.5	20.5
UNFACTORED LIVE LOAD (KIPS)	45.0	45.0
MAX. LONGITUDINAL DISPL. (IN.)	0	0.56

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

2685810

WIN
26858.10

BRIDGE PLANS

PROJ. MANAGER
DESIGN-DETAILED
CHECKED-REVIEWED
DESIGN-DETAILED
DESIGN-DETAILED
REVISIONS 1
REVISIONS 2
REVISIONS 3
REVISIONS 4
FIELD CHANGES

D. LORING
K. BELUSE
L. ZACHINI
VARIES

DATE
09/26
09/26

DATE
09/26

SIGNATURE

P.E. NUMBER

DATE

MOUNTAIN DIVISION TRAIL BRIDGE NO.
CROSSING
HIRAM, BROWNFIELD, FRYEBURG

BEARING DETAILS

SHEET NUMBER

235

OF 236

