

WASILLA ALASKA RAILROAD RELOCATION PROJECT

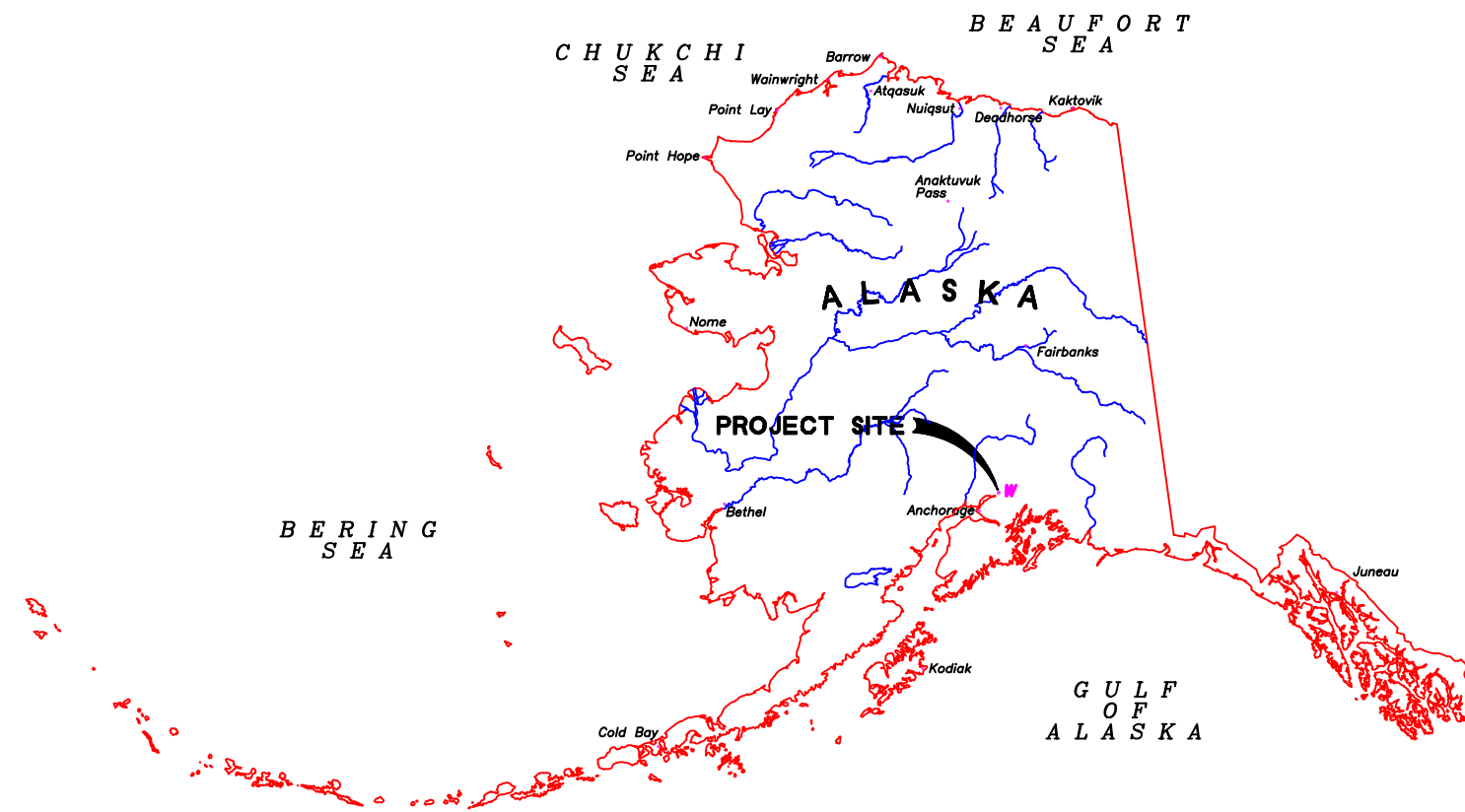
WASILLA ALASKA



JANUARY 22 2002



PRELIMINARY



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- C-2 TYPICAL SECTIONS

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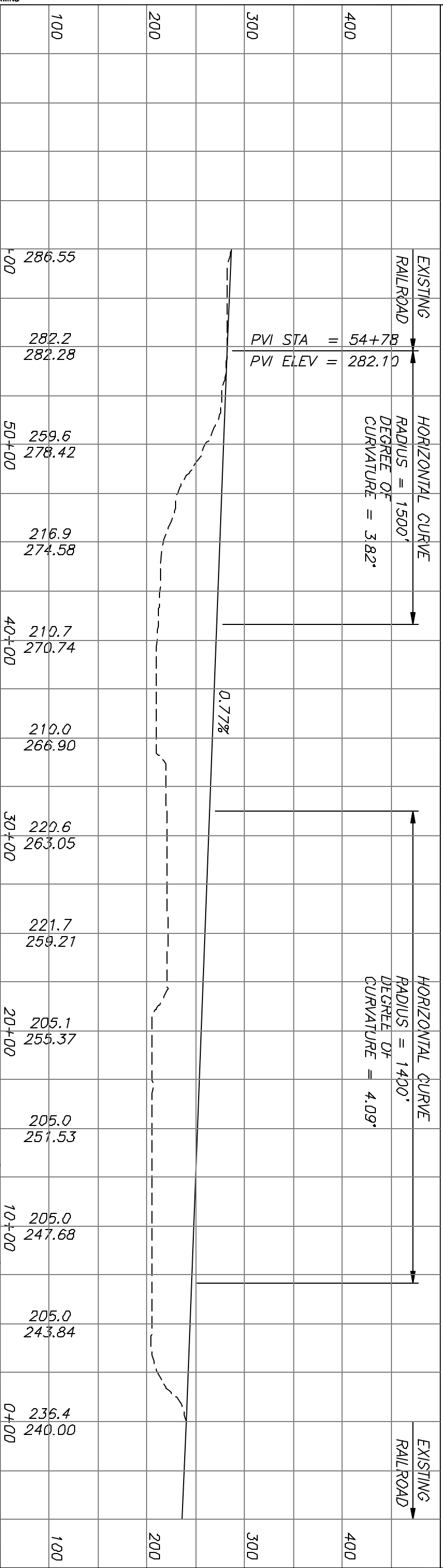
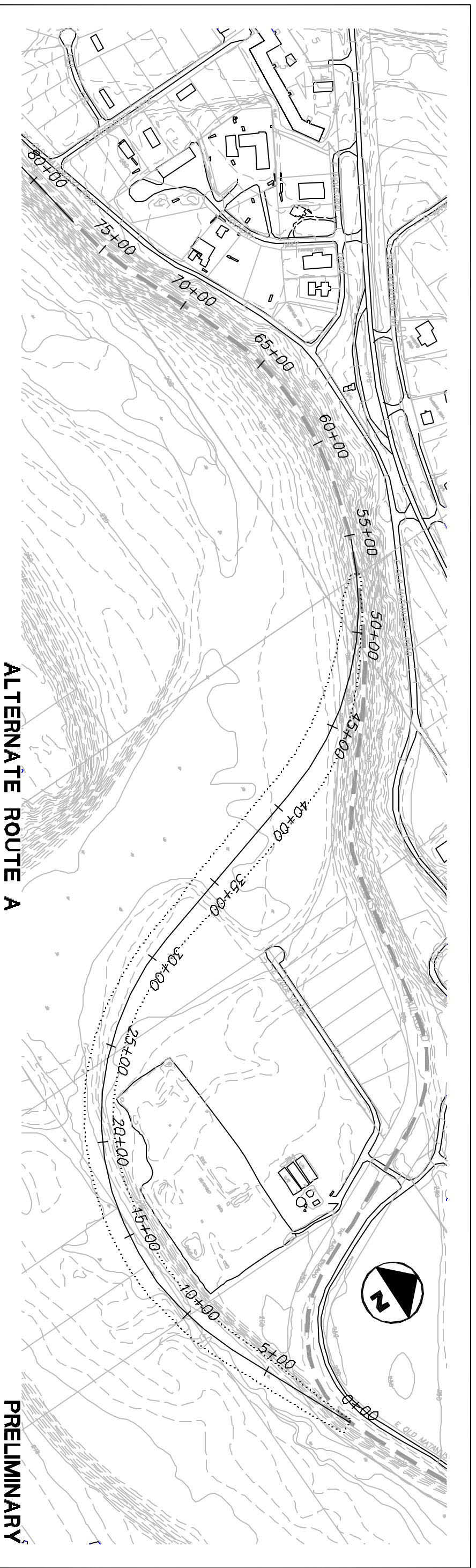
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DRAWN BY: DRAWN
PLOT DATE: PDATE
ALTOCAD DRAWING NAME: DRAWING

FIELD BOOKS	TBM No.	LOCATION	ELEV.	DATA	DATE	DESCRIPTION	BY	DATE
DESIGN								
FIELD-BOOK-1								
FIELD-BOOK-2								
STAKING								
ASBLU								
CONTRACTOR								
INSPECTION								
CONSTRUCTION RECORD								

CLIENT

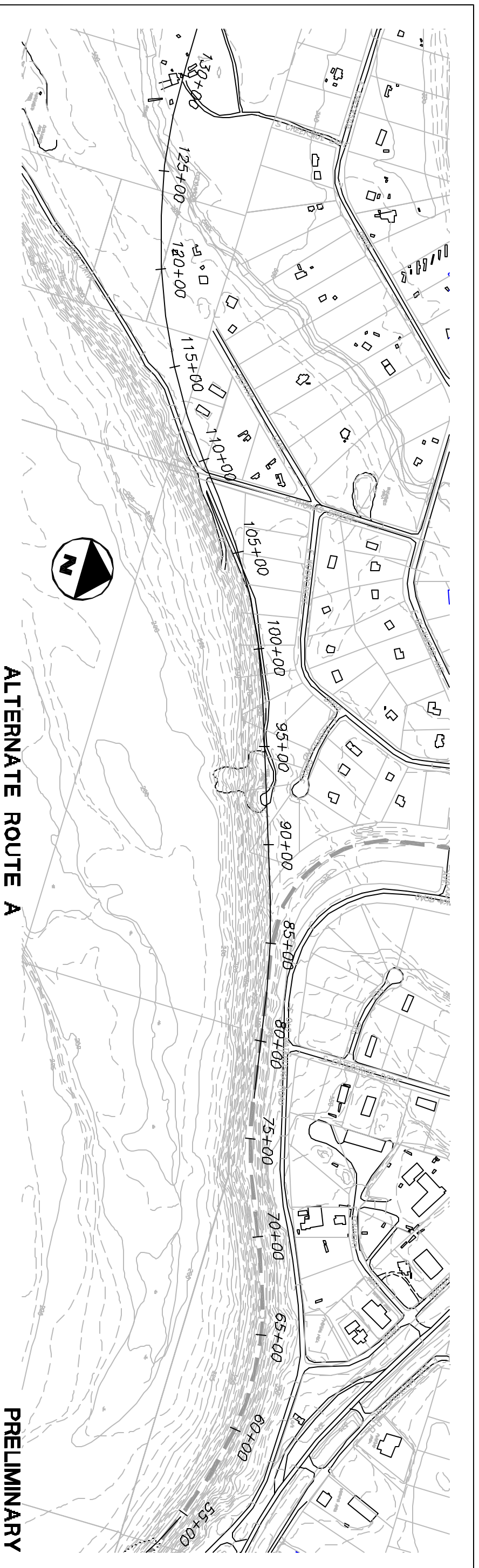
ALASKA RAILROAD RELOCATION
PLAN AND PROFILE
STA 0+00 TO STA 80+00
WASILLA, ALASKA

LCME Incorporated
607 25-1833
607 746-8205

SCALE HORIZONTAL 1"=100'
SCALE VERTICAL 1"=10'

DATE: _____
M.O. IN: _____
W/O: _____
DRN: _____
SHT: _____

A-1



ALTERNATE ROUTE A

PRELIMINARY

STATION	ELEVATION		DESCRIPTION	BY	DATE	REVISIONS
	PROPOSED	EXISTING				
130+00	310.00					
125+00	310.00					
120+00	310.00					
115+00	310.00					
110+00	310.00					
105+00	310.00					
100+00	310.00					
95+00	310.00					
90+00	310.00					
85+00	310.00					
80+00	310.00					
75+00	310.00					
70+00	310.00					
65+00	310.00					
60+00	310.00					
55+00	310.00					
HORIZONTAL CURVE RADIUS = 3000' DEGREE OF CURVATURE = 1.91'						
400						
300						
200						
100						
HORIZONTAL CURVE RADIUS = 3000' DEGREE OF CURVATURE = 1.91'						
SOUTH THOMAS STREET						
PVI STA = 87+48 PVI ELEV = 310.00						
HORIZONTAL CURVE RADIUS = 3000' DEGREE OF CURVATURE = 1.91'						
EXISTING RAILROAD						
0.00%						
0.85%						
400						
300						
200						
100						

DRAWN BY: DRAWN
 PLOTTING DATE: PDATE
 AUTOCAD DRAWING NAME: DRAWING

FIELD BOOKS	TBM No.	LOCATION	ELEV.	DATE	BY	DATE
DESIGN FIELD-BOOK-1						
STAKING FIELD-BOOK-2						
ASBLU						
CONTRACTOR						
INSPECTION						
CONSTRUCTION RECORD						
VERTICAL DATUM						
PLAN CHECK						

CLIENT

LCMF Incorporated
 1201 25th Street
 Anchorage, Alaska
 99501
 907 746-6205

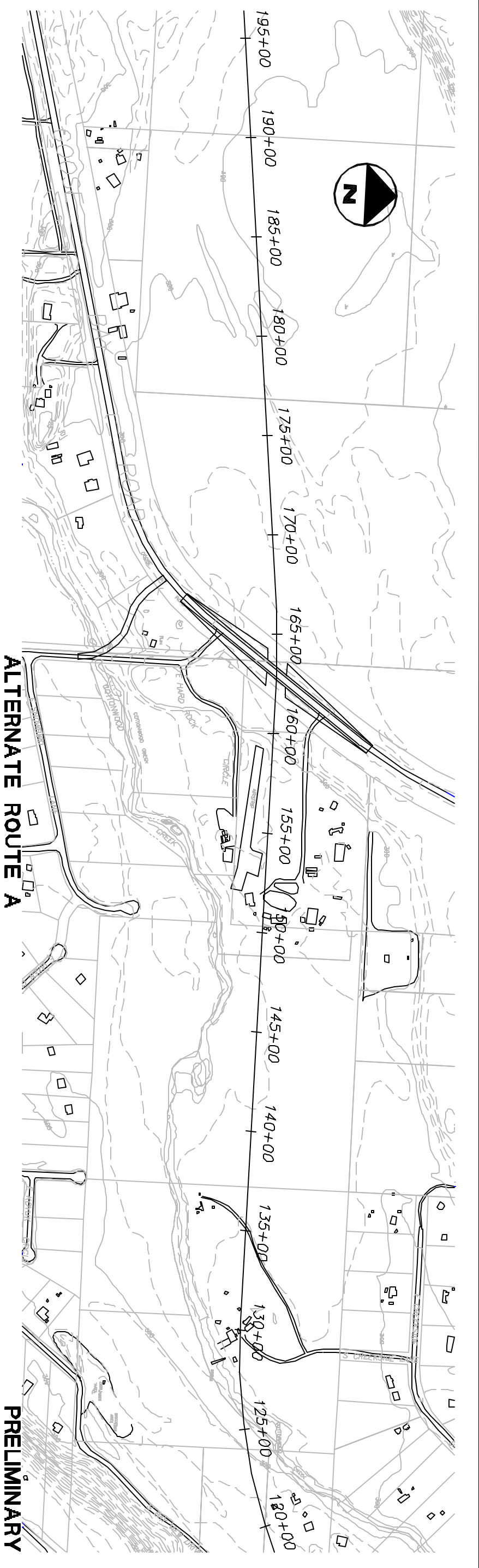
**ALASKA RAILROAD RELOCATION
 PLAN AND PROFILE**

ALTERNATE ROUTE A
 STA 00 00 TO STA 180 00

WASILLA, ALASKA

SCALE HORIZONTAL	SCALE VERTICAL	DATE	DATE	ORDN	ORDN
		M.O. H.A.	VOF	BRETH	SIXT

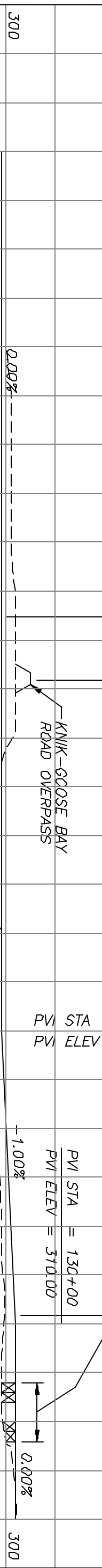
A-2



ALTERNATE ROUTE A

PRELIMINARY

STATION	ELEVATION	DESCRIPTION
195+00	295.00	
190+00	295.00	
185+00	300.0	
180+00	295.00	
175+00	305.0	
170+00	295.00	
165+00	310.0	
160+00	295.00	
155+00	307.1	
150+00	295.00	
145+00	295.0	
140+00	292.7	
135+00	288.8	
130+00	295.00	
125+00	291.0	
120+00	300.00	
115+00	295.0	
110+00	305.00	
105+00	297.6	
100+00	310.00	
95+00	296.7	
90+00	310.00	
85+00	310.0	



HORIZONTAL CURVE
 RADIUS = 3000'
 DEGREE OF
 CURVATURE = 1.91'

HORIZONTAL CURVE
 RADIUS = 3000'
 DEGREE OF
 CURVATURE = 1.91'

PVI STA = 145+00
 PVI ELEV = 295.00

PVI STA = 130+00
 PVI ELEV = 310.00

STATION	ELEVATION	DESCRIPTION	BR	DATE	DESCRIPTION	BR	DATE
195+00	295.00						
190+00	295.00						
185+00	300.0						
180+00	295.00						
175+00	305.0						
170+00	295.00						
165+00	310.0						
160+00	295.00						
155+00	307.1						
150+00	295.00						
145+00	295.0						
140+00	292.7						
135+00	288.8						
130+00	295.00						
125+00	291.0						
120+00	300.00						
115+00	295.0						
110+00	305.00						
105+00	297.6						
100+00	310.00						
95+00	296.7						
90+00	310.00						
85+00	310.0						

DRAWN BY: DRAWN
 PLOTTING DATE: PDATE
 AUTOCAD DRAWING NAME: DRAWING

FIELD BOOKS	TBM No.	LOCATION	ELEV.	DATA	DATE	DESCRIPTION	BR	DATE
DESIGN								
FIELD-BOOK-1								
FIELD-BOOK-2								
STAKING								
ABRILL								
CONSTRUCTION RECORD								

CONSTRUCTION RECORD	VERTICAL DATUM	PLAN CHECK	REVISIONS	SEAL

CLIENT

LCME Incorporated

1201 25th Street
 Anchorage, Alaska
 99501

807 25-1833
 807 744-8205



**ALASKA RAILROAD RELOCATION
 PLAN AND PROFILE
 ALTERNATE ROUTE A
 STA 180 00 TO STA 100 00**

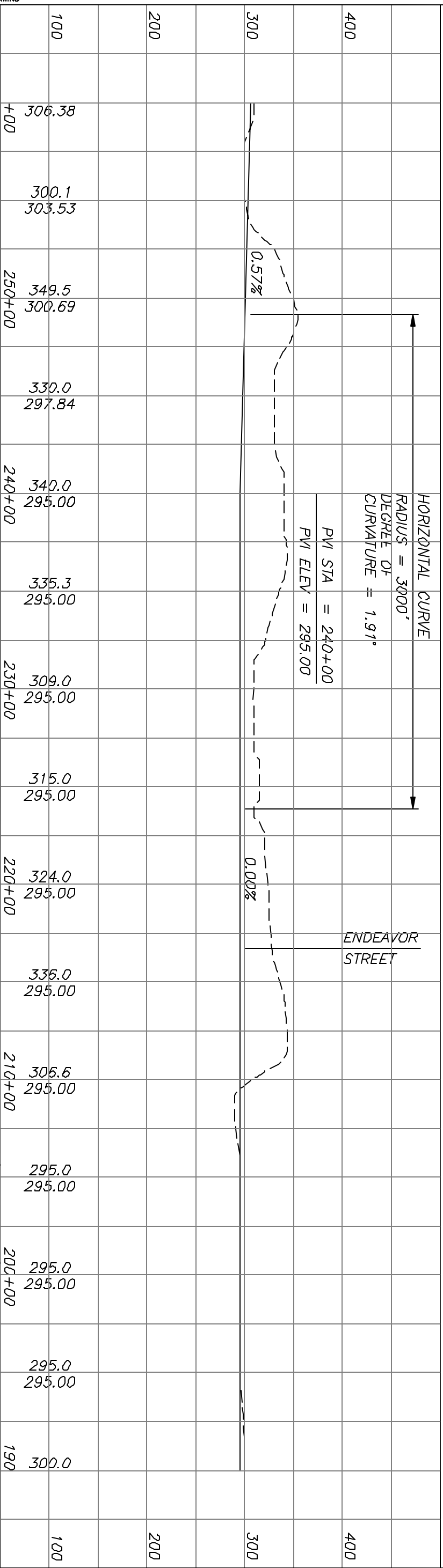
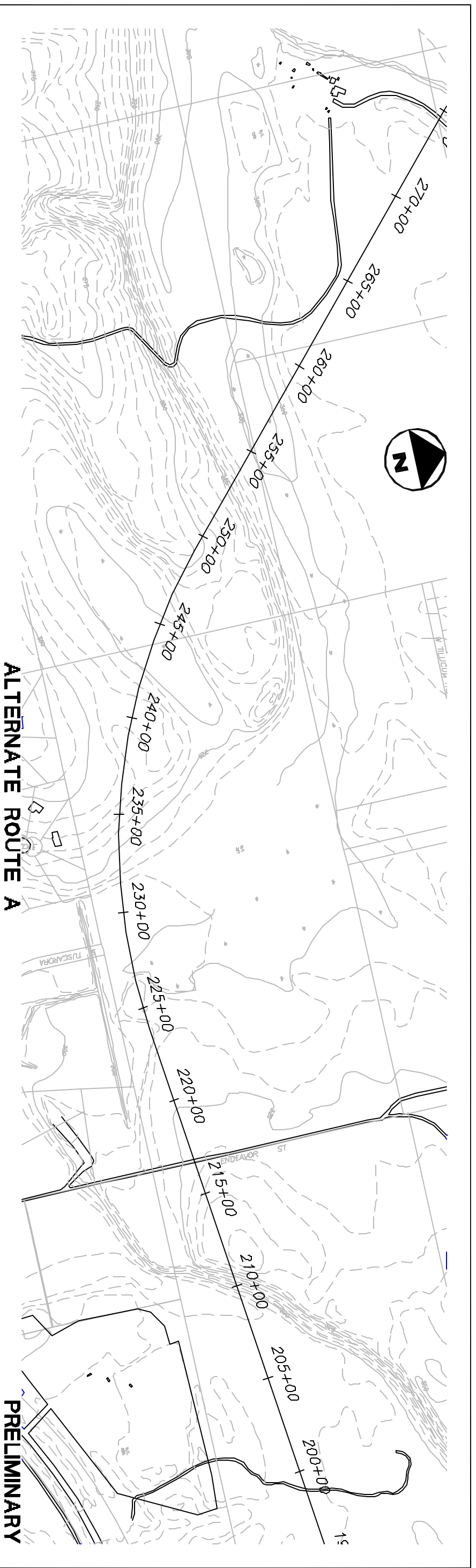
WASILLA, ALASKA

SCALE HORIZONTAL: 1"=100'
 SCALE VERTICAL: 1"=10'

DATE: []/[/]/20[]

NO. [] OF [] SHEETS

A-3



FIELD BOOKS	TBM No.	LOCATION	ELEV.	DATA	DATE	DESCRIPTION	BY	DATE	DESCRIPTION	BY
DESIGN FIELD-BOOK-1										
STAKING FIELD-BOOK-2										
ASBLU										
CONTRACTOR										
INSPECTION										
CONSTRUCTION RECORD										

VERTICAL DATUM	PLAN CHECK	REVISIONS

SCALE	DATE	DATE	DATE	DATE	DATE
SCALE HORIZONTAL					
SCALE VERTICAL					

CLIENT
ALASKA RAILROAD RELOCATION PLAN AND PROFILE ALTERNATE ROUTE A STA 190 00 TO STA 280 00 WASILLA, ALASKA

DATE	DATE	DATE	DATE
190	300.0	200+00	295.0
200	295.0	210+00	295.0
300	305.6	220+00	295.0
400	335.0	230+00	295.0
	315.0	240+00	295.0
	309.0	250+00	349.5
	309.0	260+00	300.69
	335.3	270+00	300.1
	295.0		303.53

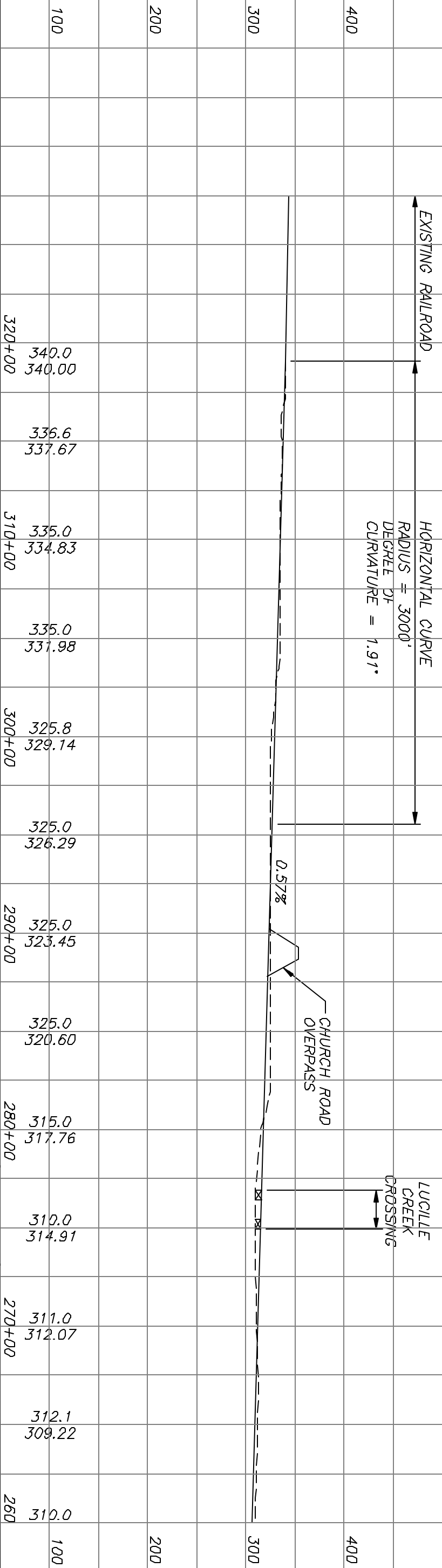
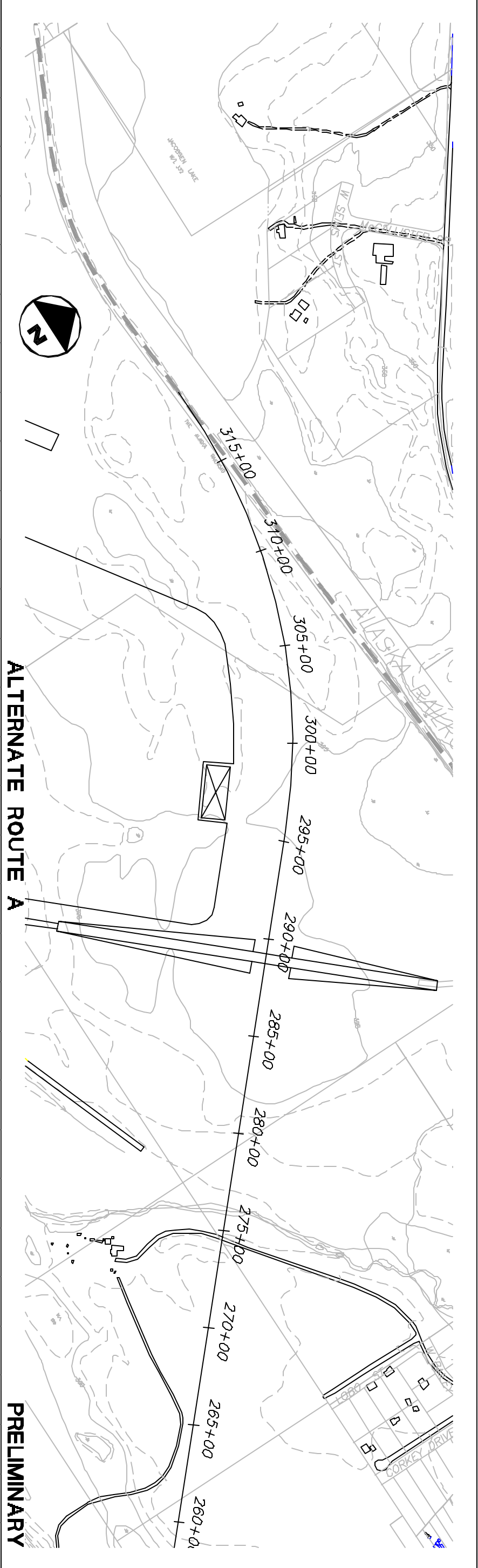
DATE	DATE	DATE	DATE
190	300.0	200+00	295.0
200	295.0	210+00	295.0
300	305.6	220+00	295.0
400	335.0	230+00	295.0
	315.0	240+00	295.0
	309.0	250+00	349.5
	309.0	260+00	300.69
	335.3	270+00	300.1
	295.0		303.53

DRAWN BY: DRAWN
 PLOTTING DATE: PDATE
 AUTOCAD DRAWING NAME: DRAWING

LCMF Incorporated
 225-1832
 807 746-8205

ALASKA RAILROAD RELOCATION
PLAN AND PROFILE
ALTERNATE ROUTE A
STA 190 00 TO STA 280 00
 WASILLA, ALASKA

A-4




DRAWN BY: DRAWN
 PLOTTING DATE: PDATE
 AUTOCAD DRAWING NAME: DRAWING

FIELD BOOKS	TBM No.	LOCATION	ELEV.	DATA	DATE	DESCRIPTION	BY	DATE
DESIGN	FIELD-BOOK-1			TEODOMETRY				
STAKING	FIELD-BOOK-2			PROFILE				
ABRILL				BAL. BEAM				
CONSTRUCTION RECORD				BROAD SEWER				
				WATER				
				GAS				

TELEPHONE	ELECTRIC	CABLE TV	DRAIN	QUANTITIES	FINAL CHECK

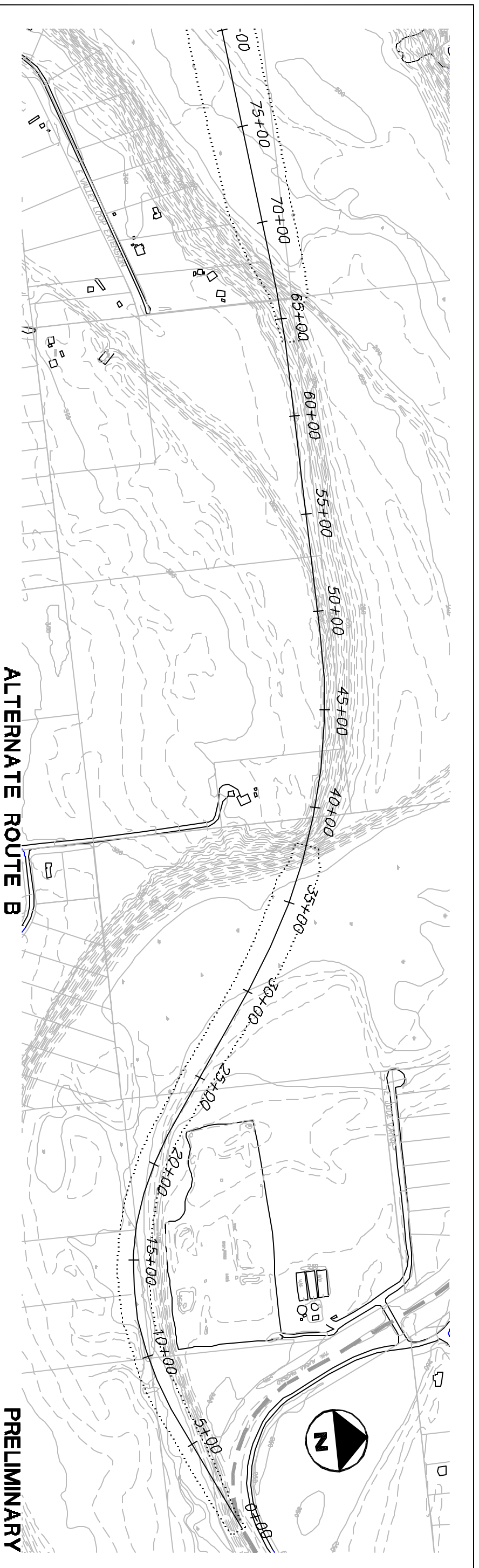
PLAN CHECK	REVISIONS

LCMF Incorporated
 Anchorage, Alaska
 827 25-1828
 827 74-4245


CLIENT
ALASKA RAILROAD RELOCATION
PLAN AND PROFILE
STA 280 00 TO STA 318 09
 WASILLA, ALASKA

SCALE: HORIZONTAL: 1"=400'
 SCALE: VERTICAL: 1"=20'

DATE: 08/01/08
 SHEET: 4-5



STATION	ELEVATION	DESCRIPTION
75+00	292.50	
70+00	289.00	
70+00	265.6	
65+00	285.50	
60+00	301.1	
60+00	282.00	
55+00	300.6	
55+00	278.50	
50+00	329.6	
50+00	275.00	
45+00	326.5	
45+00	271.50	
40+00	312.0	
40+00	268.00	
40+00	210.0	
40+00	264.50	
35+00	210.0	
35+00	261.00	
30+00	215.1	
30+00	257.50	
25+00	205.1	
25+00	254.00	
20+00	205.0	
20+00	250.50	
15+00	205.0	
15+00	247.00	
10+00	205.0	
10+00	243.50	
0+00	236.4	

3000' LONG STRUCTURE OR DEEP FILL

0.70%


FIELD BOOKS	TBM No.	LOCATION	ELEV.	DATA	DATE	DESCRIPTION	BY	DATE	DESCRIPTION	BY																						
DESIGN FIELD-BOOK-1																																
STAKING FIELD-BOOK-2																																
ASBUILT																																
CONSTRUCTION RECORD																																
<table border="1"> <thead> <tr> <th>CONSTRUCTION RECORD</th> <th>VERTICAL DATUM</th> <th>PLAN CHECK</th> <th>REVISIONS</th> <th>SEAL</th> <th>SCALE</th> <th>DATE</th> <th>DATE</th> <th>DATE</th> <th>DATE</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>											CONSTRUCTION RECORD	VERTICAL DATUM	PLAN CHECK	REVISIONS	SEAL	SCALE	DATE	DATE	DATE	DATE	DATE											
CONSTRUCTION RECORD	VERTICAL DATUM	PLAN CHECK	REVISIONS	SEAL	SCALE	DATE	DATE	DATE	DATE	DATE																						

DRAWN BY: DRAWN
 PLOTTING DATE: PDATE
 AUTOCAD DRAWING NAME: DRAWING

CLIENT

ALASKA RAILROAD RELEGATION
 PLAN AND PROFILE
 STA 0 00 TO STA 76 00
 WASILLA, ALASKA

LCMF Incorporated
 225-1832
 807 274-8205
 807 774-8205

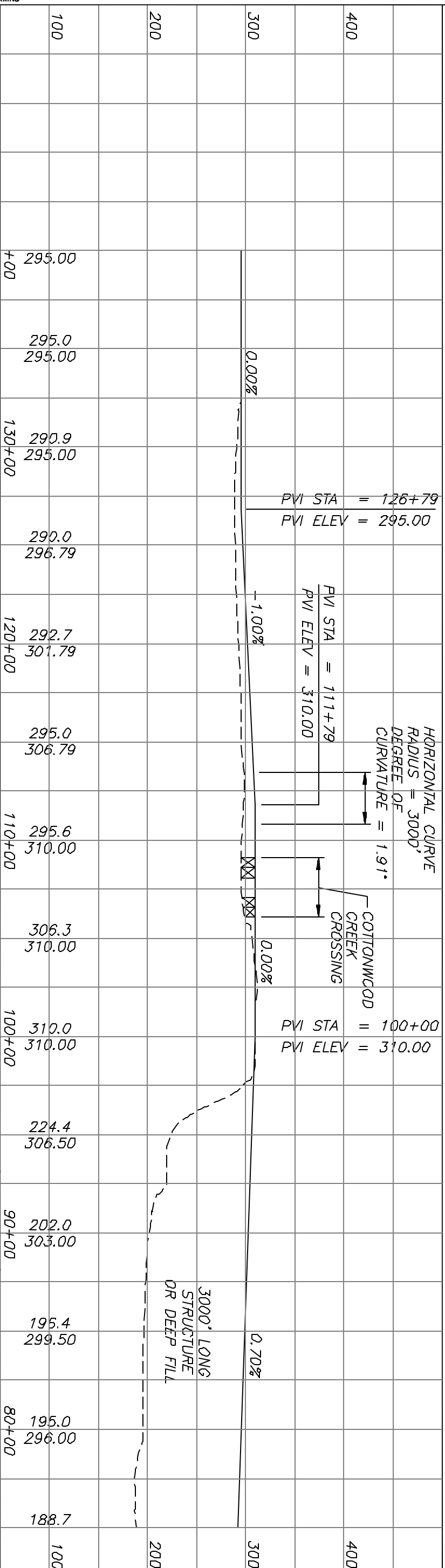
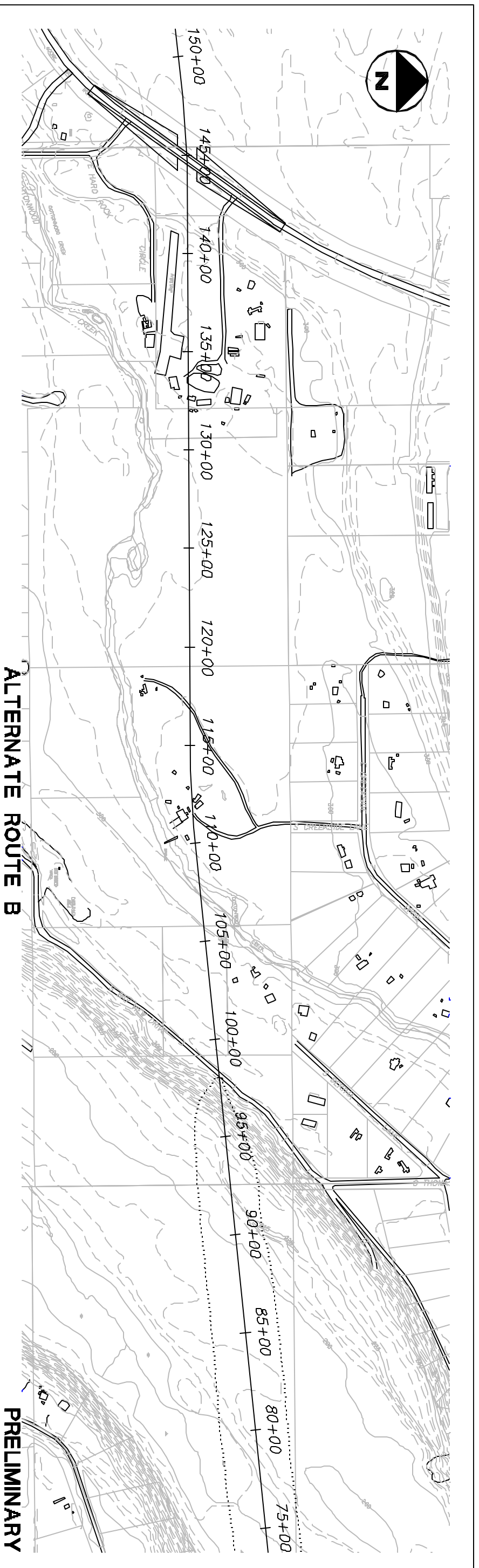


SCALE: HORIZONTAL 1"=100'
 SCALE: VERTICAL 1"=20'

DATE: _____
 DATE: _____
 DATE: _____
 DATE: _____
 DATE: _____

NO. 144 VOL# _____ SHEET _____

B-1



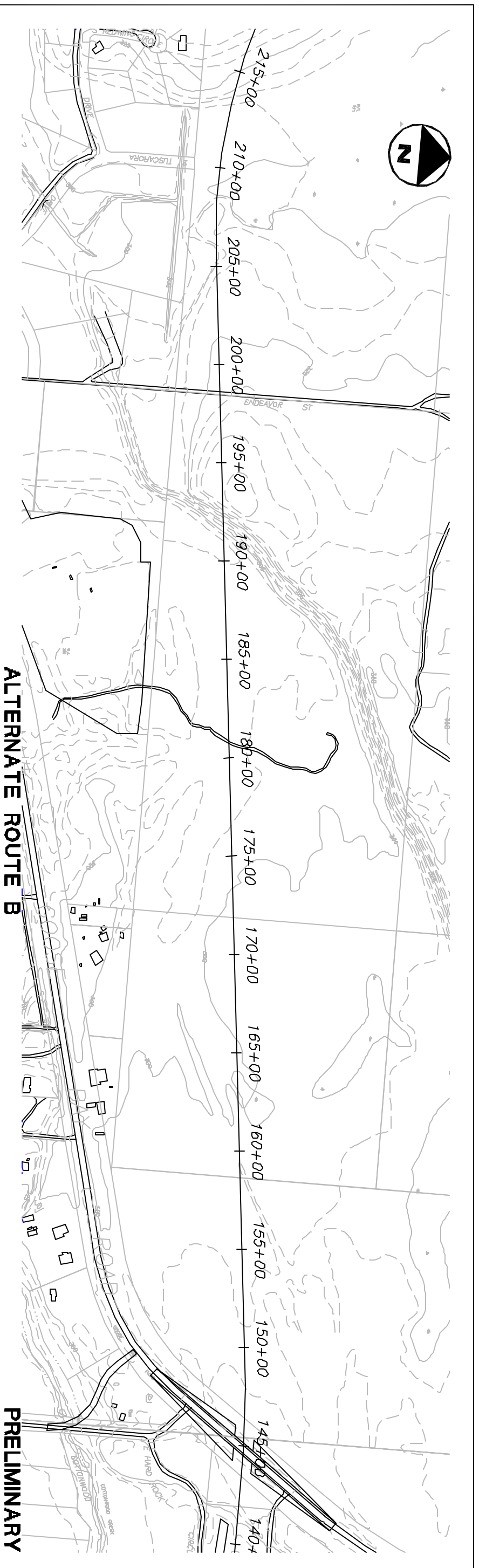
FIELD BOOKS	TBM No.	LOCATION	ELEV.	DATA	DATE	DESCRIPTION	BY	DATE	DESCRIPTION	BY
DESIGN FIELD-BOOK-1			295.00		290.0	120+00				
STAKING FIELD-BOOK-2			295.00		296.79	120+00				
ARBAU			290.9		292.7	110+00				
CONSTRUCTION RECORD			295.00		301.79	110+00				
			295.0		295.6	100+00				
			295.00		310.00	100+00				
			290.0		306.3	90+00				
			296.79		310.00	90+00				
			292.7		224.4	80+00				
			301.79		306.50	80+00				
			295.0		202.0	75+00				
			306.79		303.00	75+00				
			295.6		195.4					
			310.00		299.50					
			306.3		195.0					
			310.00		296.00					
			310.0		188.7					
			310.00							
			224.4							
			306.50							
			202.0							
			303.00							
			195.4							
			299.50							
			195.0							
			296.00							
			188.7							

DRAWN BY: DRAWN
 PLOTTING DATE: PDATE
 ALTOCAD DRAWING NAME: DRAWING

LCMF Incorporated
 2021 225-1833
 807 744-8205

CLIENT
 ALASKA RAILROAD RELEGATION
 PLAN AND PROFILE
 ALTERNATE ROUTE B
 STA 75 00 TO STA 140 00
 WASILLA, ALASKA

SCALE: HORIZONTAL 1"=400'
 VERTICAL 1"=20'
 DATE: 08/01/00
 SHEET: B-2



STATION	ELEV.	GRADIENT	DESCRIPTION
215+00	295.00		
210+00	295.00		
205+00	295.00		
200+00	295.00		
195+00	295.00		
190+00	295.00		
185+00	295.00		
180+00	295.00		
175+00	295.00	0.00%	
170+00	295.00		
165+00	295.00		
160+00	295.00		
155+00	295.00		
150+00	295.00		
145+00	295.00		
140+00	295.00		

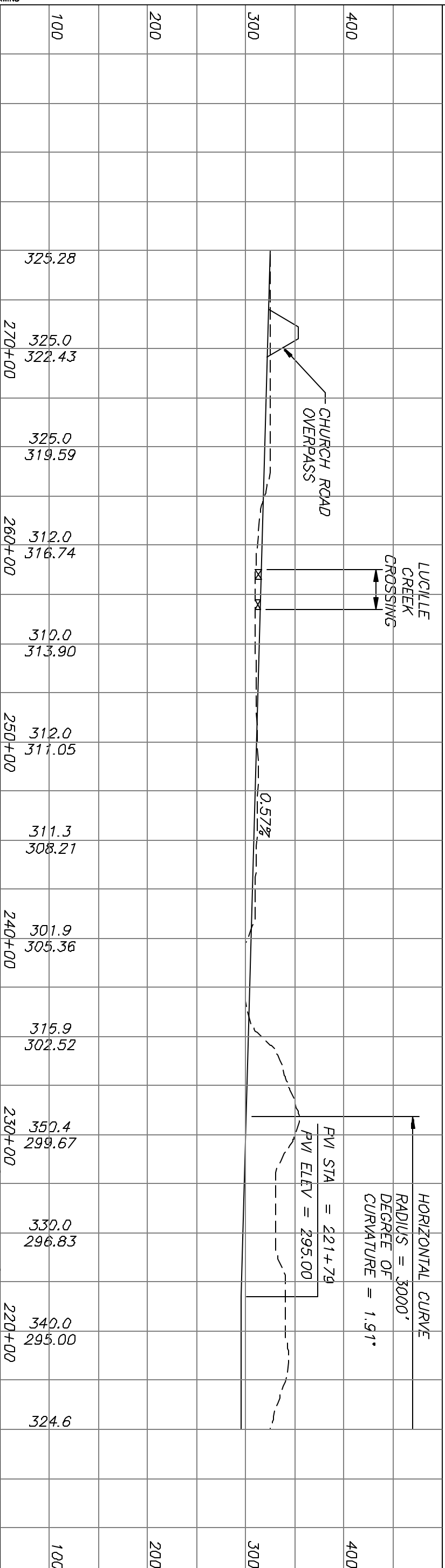
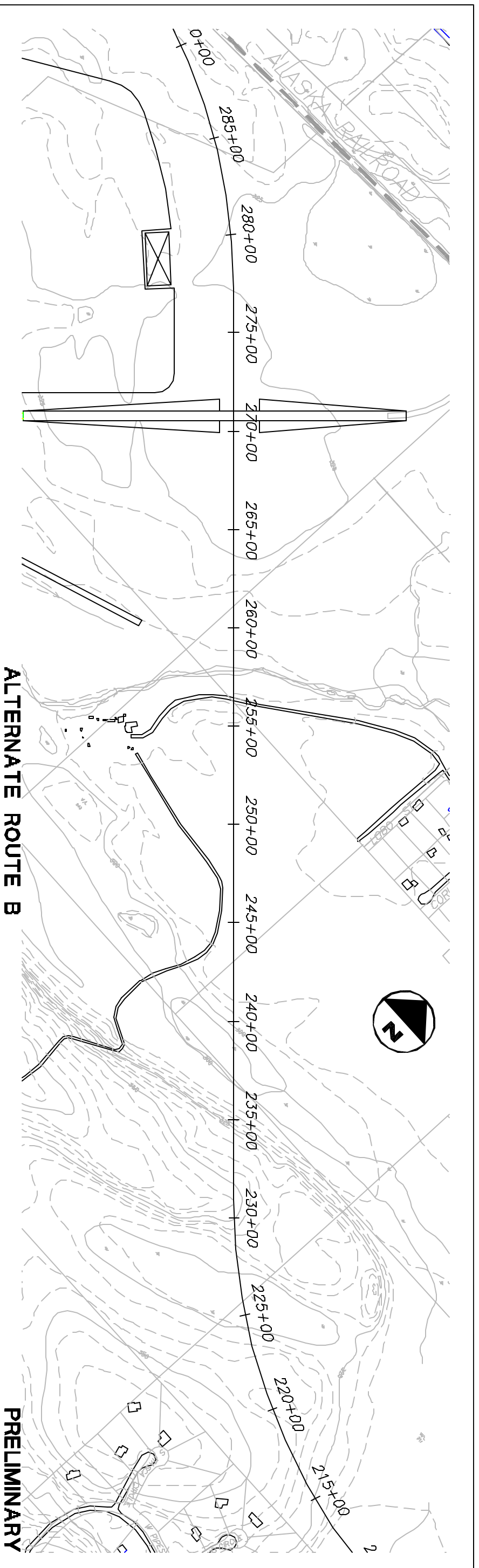
FIELD BOOKS	TBM No.	LOCATION	ELEV.	DATA	DATE	DESCRIPTION	BY	DATE	DESCRIPTION	BY
FIELD-BOOK-1										
FIELD-BOOK-2										
STAKING										
ARBAU										
CONSTRUCTION RECORD										
VERTICAL DATUM										
PLAN CHECK										
REVISIONS										

DRAWN BY: DRAWN
 PLOTTING DATE: PDATE
 AUTOCAD DRAWING NAME: DRAWING



CLIENT
 ALASKA RAILROAD RELOCATION
 PLAN AND PROFILE
 ALTERNATE ROUTE B
 STA 140 00 TO STA 215 00
 WASILLA, ALASKA

B-3



FIELD BOOKS	TBM No.	LOCATION	ELEV.	DATA	DATE	DESCRIPTION	BY	DATE	DESCRIPTION
DESIGN FIELD-BOOK-1			325.28						
STAKING FIELD-BOOK-2			325.0						
ASBLU			322.43						
CONTRACTOR			325.0						
INSPECTION			319.59						
CONSTRUCTION RECORD			312.0						
			316.74						
			310.0						
			313.90						
			312.0						
			311.05						
			311.3						
			308.21						
			301.9						
			305.36						
			315.9						
			302.52						
			350.4						
			299.67						
			330.0						
			296.83						
			340.0						
			295.00						
			324.6						

DRAWN BY: DRAWN
 PLOTTING DATE: PDATE
 AUTOCAD DRAWING NAME: DRAWING

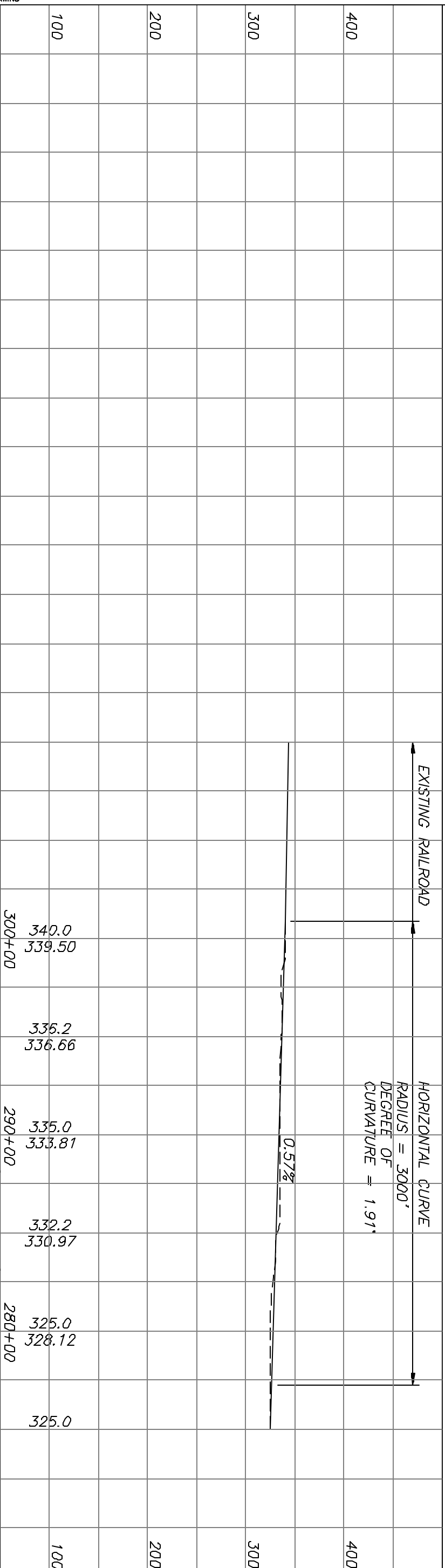
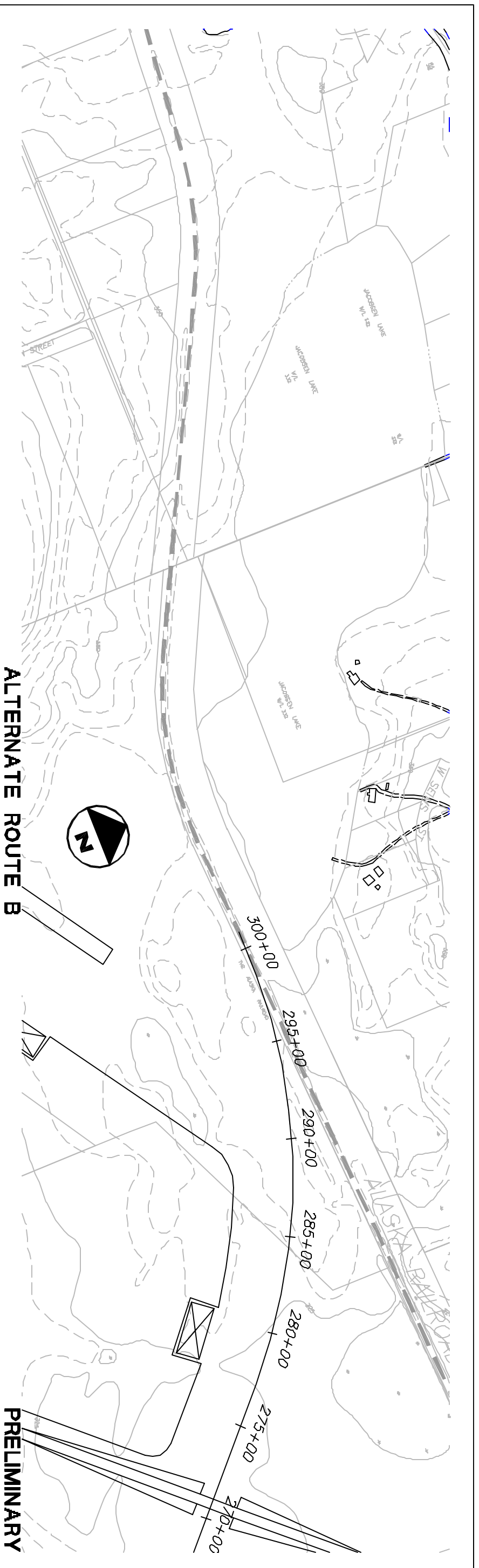
LCMF Incorporated
 1001 25th Street
 Anchorage, Alaska 99501
 Phone: 907-561-7400
 Fax: 907-561-7405

CLIENT
 ALASKA RAILROAD RELOCATION
 PLAN AND PROFILE
 ALTERNATE ROUTE B
 STA 215+00 TO STA 275+00
 WASILLA, ALASKA

SCALE: HORIZONTAL 1" = 100'
 SCALE: VERTICAL 1" = 20'

DATE: 08/01/00
 DATE: 08/01/00
 DATE: 08/01/00

B-4



DRAWN BY: DRAWN
 PLOTTING DATE: PDATE
 AUTOCAD DRAWING NAME: DRAWING

FIELD BOOKS	TBM No.	LOCATION	ELEV.	DATA	DATE	BY	DESCRIPTION
DESIGN FIELD-BOOK-1				TOPOGRAHY			
STAKING FIELD-BOOK-2				PROFILE			
ABRILL				BAL. SEWER			
CONTRACTOR				BIGAL SEWER			
INSPECTION				WATER			
CONSTRUCTION RECORD				C&G			

VERTICAL DATUM	PLAN CHECK	REVISIONS

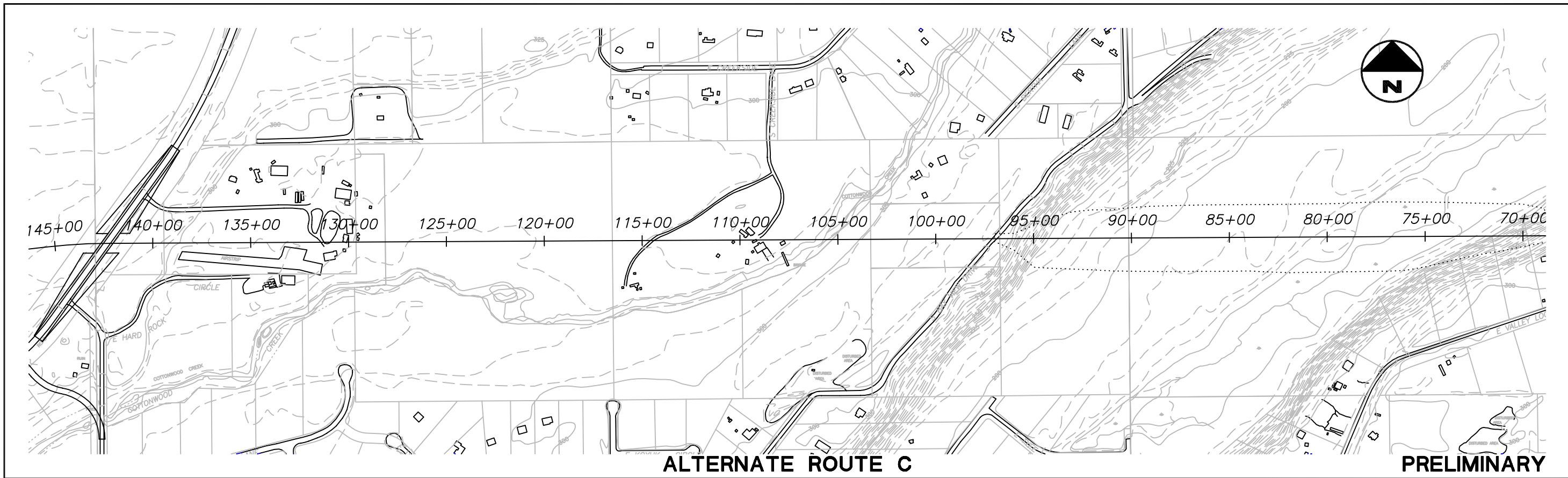
LCME Incorporated
 Anchorage, Alaska
 801 225-1833
 801 774-8205

CLIENT
 ALASKA RAILROAD RELOCATION
 PLAN AND PROFILE
 ALTERNATE ROUTE B
 STA 276 00 TO STA 300 00
 WASILLA, ALASKA

SCALE: HORIZONTAL 1"=40'
 SCALE: VERTICAL 1"=20'

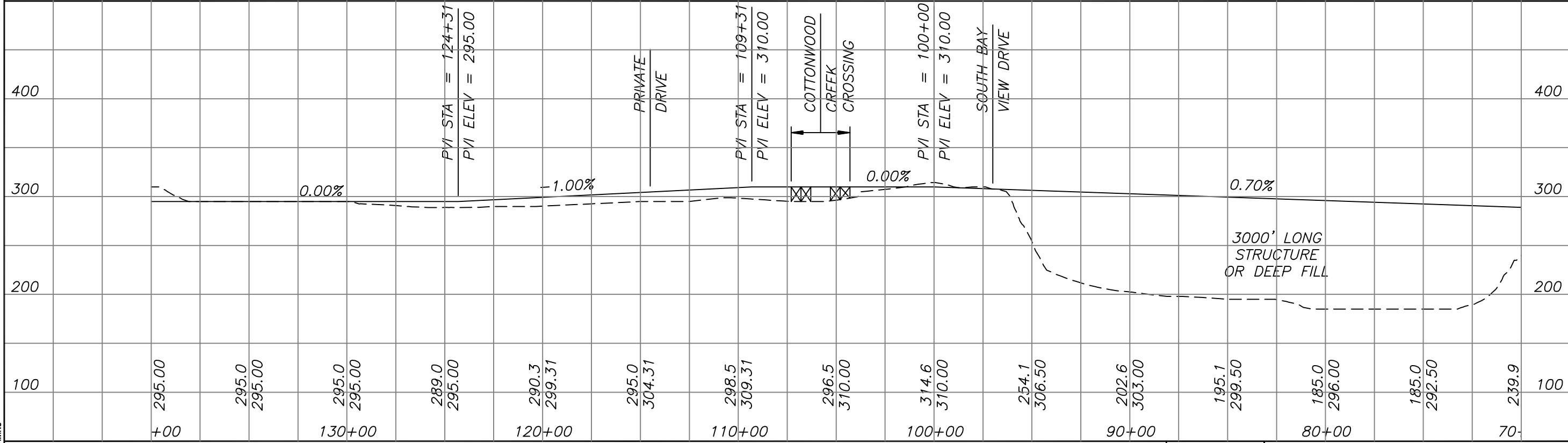
DATE: _____
 M.O. H.A. _____
 W/O: _____
 G.R.D.: _____
 S.H.E.T.: _____

B-5



ALTERNATE ROUTE C

PRELIMINARY



FIELD BOOKS	TBM No.	LOCATION	ELEV.	DATA	DRAWN BY	CHECKED BY	DATA	DRAWN BY	CHECKED BY	No.	DATE	DESCRIPTION	BY	No.	DATE	DESCRIPTION	BY	
DESIGN FIELD-BOOK-1				BASE TOPOGRAPHY			TELEPHONE											
DESIGN FIELD-BOOK-2				PROFILE			ELECTRIC											
STAKING				SAN. SEWER			CABLE TV											
ASBUILT				STORM SEWER			DESIGN											
CONTRACTOR				WATER			QUANTITIES											
INSPECTOR				GAS			FINAL CHECK											
CONSTRUCTION RECORD																		

CLIENT

**ALASKA RAILROAD RELOCATION
PLAN AND PROFILE**

**ALTERNATE ROUTE C
STA 70 00 TO STA 140 00**

WASILLA, ALASKA

SCALE
HORIZONTAL: HSCALE
VERTICAL: VSCALE

DATE: DATE
W.O. No: WO#

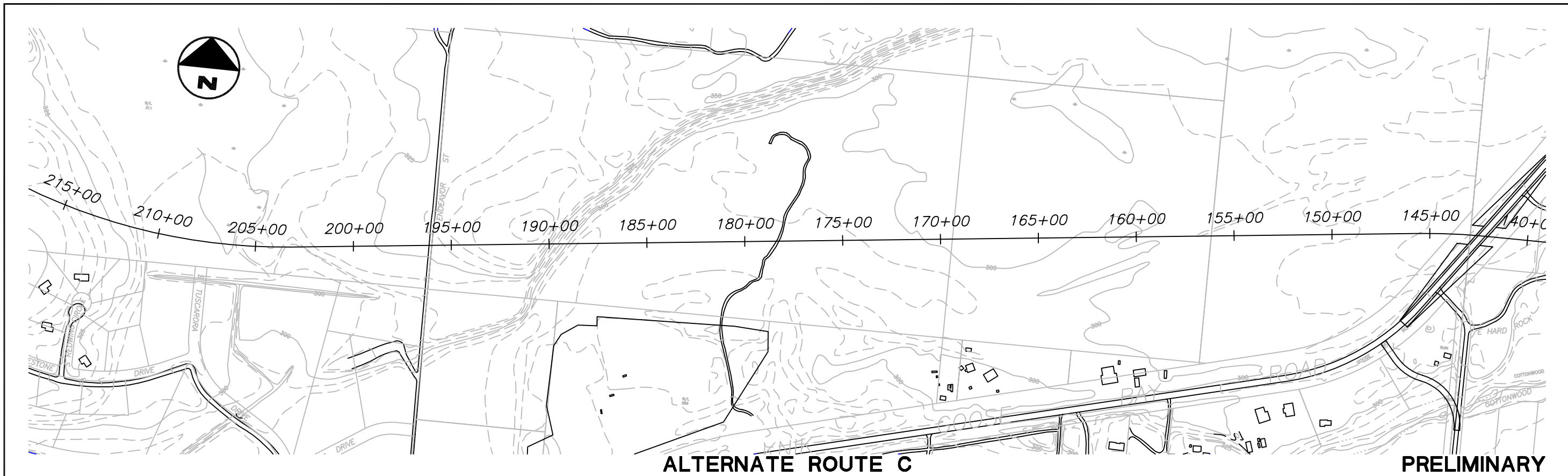
GRID: GRID
SHEET: SHEET

C-2

DRAWN BY: DRAWING
 PLOTTING DATE: PDATE
 AUTOCAD DRAWING NAME: DRAWING

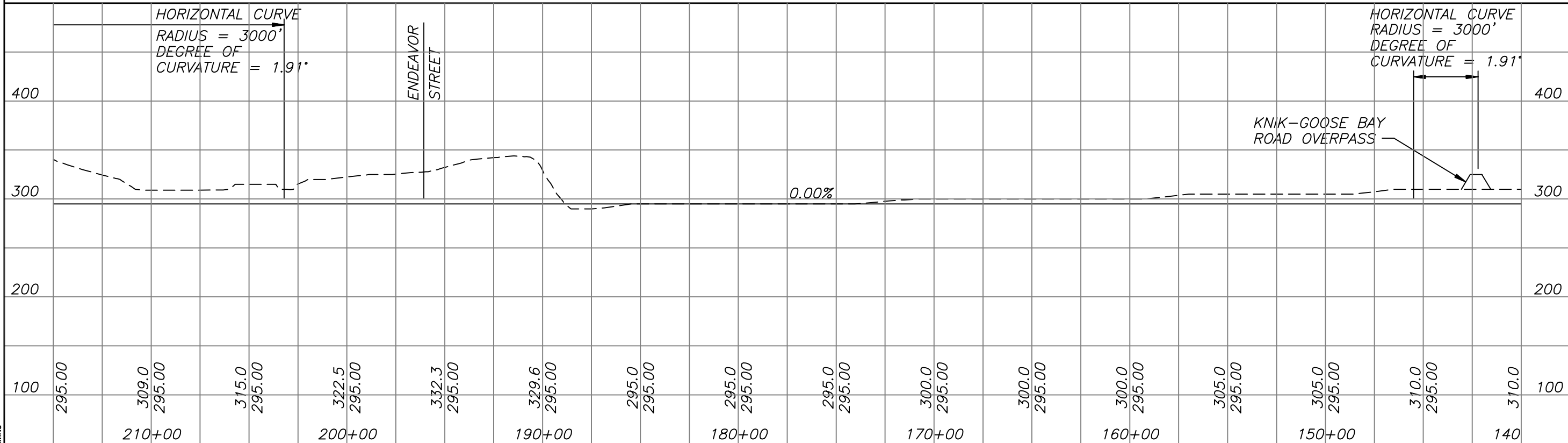
LCMF Incorporated

Anchorage, Alaska (907) 273-1830
 Barrow, Alaska (907) 852-8212
 Palmer, Alaska (907) 746-5230



ALTERNATE ROUTE C

PRELIMINARY



FIELD BOOKS	TBM No.	LOCATION	ELEV.	DATA	DRAWN BY	CHECKED BY	DATA	DRAWN BY	CHECKED BY	No.	DATE	DESCRIPTION	BY	No.	DATE	DESCRIPTION	BY	
DESIGN FIELD-BOOK-1				BASE			TELEPHONE											
DESIGN FIELD-BOOK-2				TOPOGRAPHY			ELECTRIC											
STAKING				PROFILE			CABLE TV											
ASBUILT				SAN. SEWER			DESIGN											
CONTRACTOR				STORM SEWER			QUANTITIES											
INSPECTOR				WATER			FINAL CHECK											
CONSTRUCTION RECORD				GAS														

CLIENT

**ALASKA RAILROAD RELOCATION
PLAN AND PROFILE**

**ALTERNATE ROUTE C
STA 140 00 TO STA 210 00**

WASILLA, ALASKA

SCALE
HORIZONTAL: HSCALE
VERTICAL: VSCALE

DATE: DATE
W.O. No: WO#

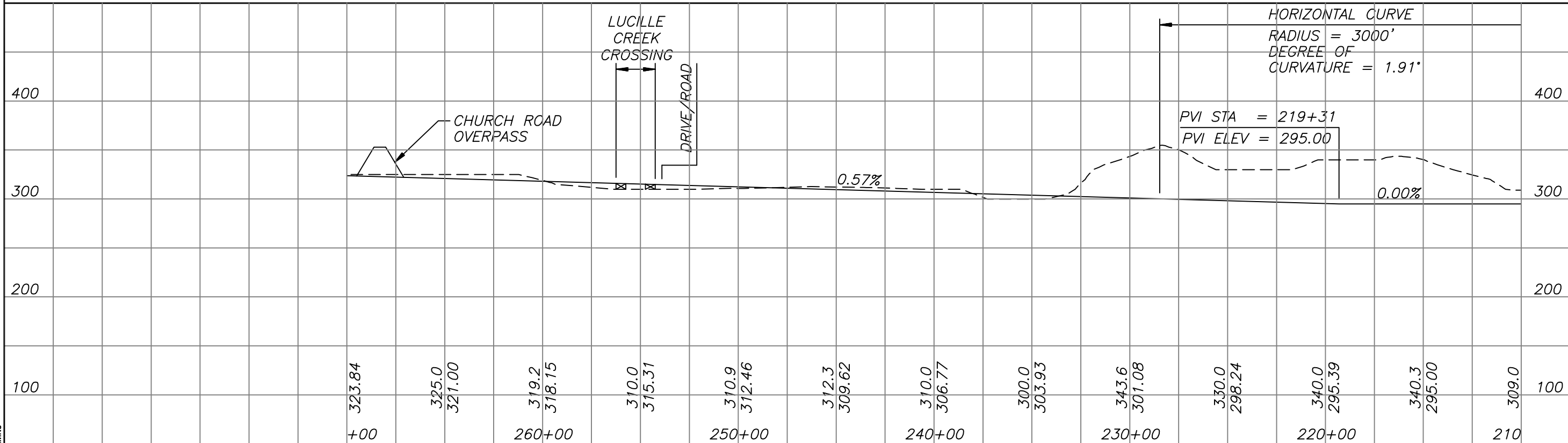
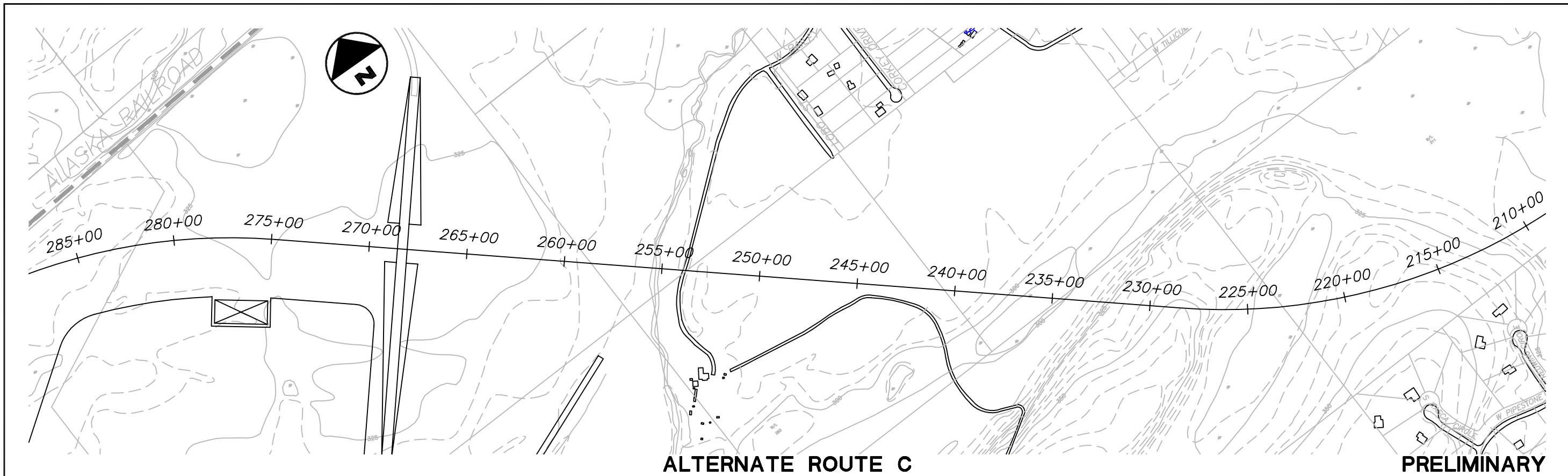
GRID: GRID
SHEET: SHEET

C-3

LCMF Incorporated

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Barrow, Alaska (907) 852-8212
Palmer, Alaska (907) 746-5230

DRAWN BY: DRAWN
PLOT DATE: PDATE
AUTOCAD DRAWING NAME: DRAWING



FIELD BOOKS	TBM No.	LOCATION	ELEV.	DATA	DRAWN BY	CHECKED BY	DATA	DRAWN BY	CHECKED BY	No.	DATE	DESCRIPTION	BY	No.	DATE	DESCRIPTION	BY	
DESIGN	FIELD-BOOK-1			BASE			TELEPHONE											
	FIELD-BOOK-2			TOPOGRAPHY			ELECTRIC											
STAKING				PROFILE			CABLE TV											
ASBUILT				SAN. SEWER			DESIGN											
CONTRACTOR				STORM SEWER			QUANTITIES											
INSPECTOR				WATER			FINAL CHECK											
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CLIENT

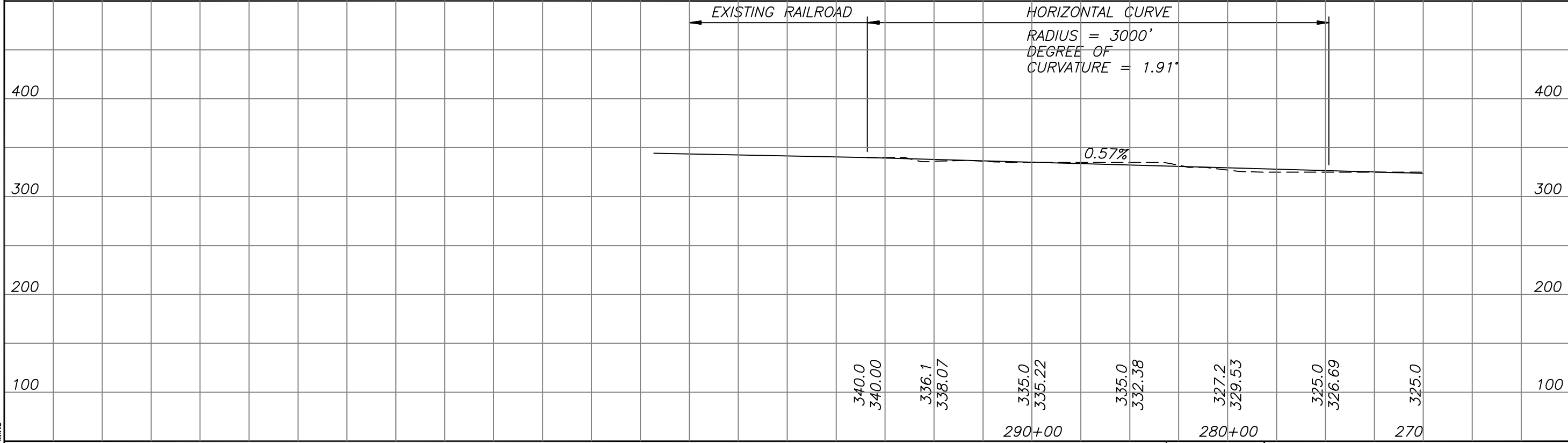
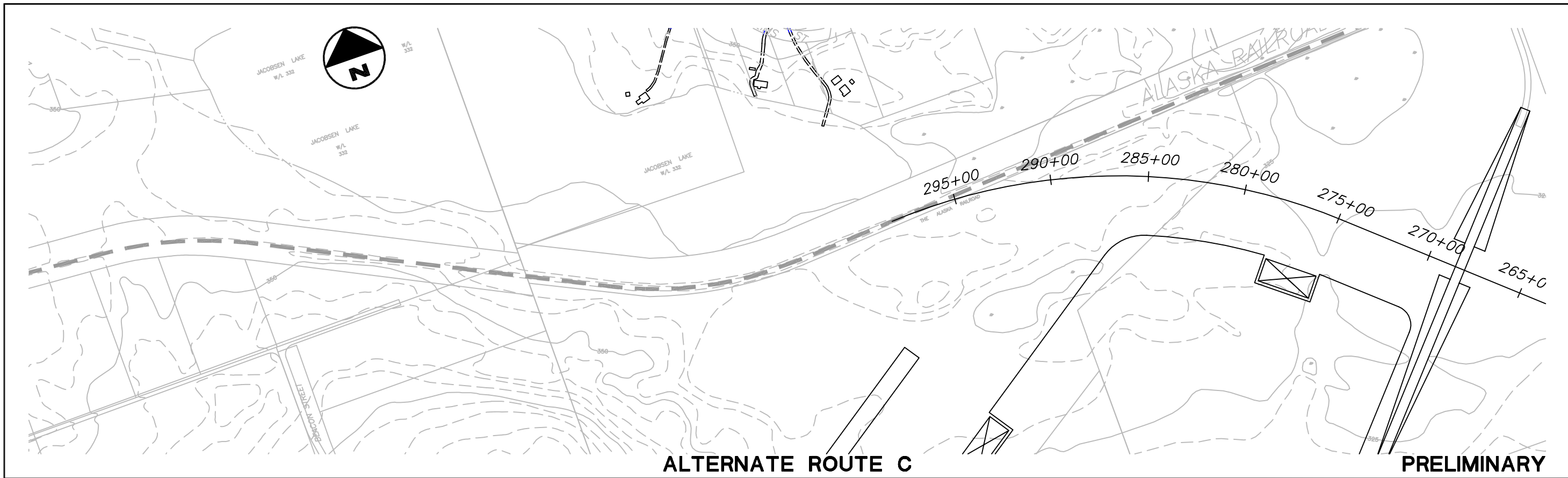
**ALASKA RAILROAD RELOCATION
PLAN AND PROFILE**

**ALTERNATE ROUTE C
STA 210 00 TO STA 270 00**

WASILLA, ALASKA

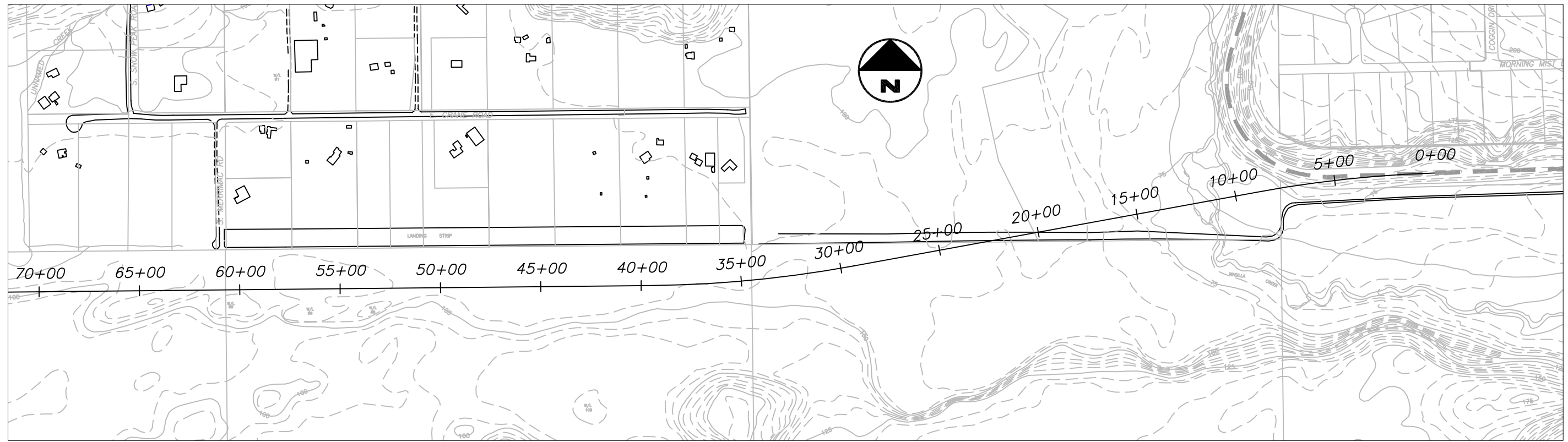
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HORIZONTAL:	DATE	GRID	
VERTICAL:	W.O. No:	WO# SHEET: SHEET	

DRAWN BY: DRAWN
PLOT DATE: PDATE
AUTOCAD DRAWING NAME: DRAWING



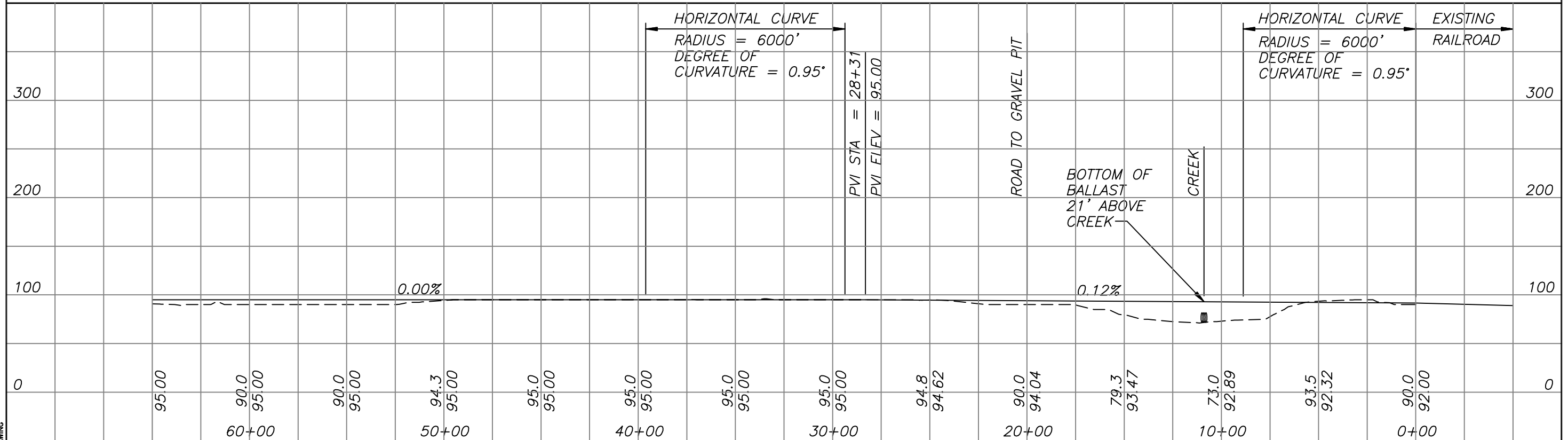
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FIELD BOOKS	TBM No.	LOCATION	ELEV.	DATA	DRAWN BY	CHECKED BY	DATA	DRAWN BY	CHECKED BY	No.	DATE	DESCRIPTION	BY	No.	DATE	DESCRIPTION	BY																																																																																																																																																																																							
DESIGN	FIELD-BOOK-1			BASE			TELEPHONE																																																																																																																																																																																																	
	FIELD-BOOK-2			TOPOGRAPHY			ELECTRIC																																																																																																																																																																																																	
STAKING				PROFILE			CABLE TV																																																																																																																																																																																																	
ASBUILT				SAN. SEWER			DESIGN																																																																																																																																																																																																	
CONTRACTOR	BASIS OF DATUM			STORM SEWER			QUANTITIES																																																																																																																																																																																																	
INSPECTOR				WATER			FINAL CHECK																																																																																																																																																																																																	
CONSTRUCTION RECORD	VERTICAL DATUM			GAS																																																																																																																																																																																																				
										PLAN CHECK					REVISIONS																																																																																																																																																																																									

DRAWN BY: DRAWING
 PLOTTING DATE: PDATE
 AUTOCAD DRAWING NAME: DRAWING



ALTERNATE ROUTE D

PRELIMINARY



FIELD BOOKS	TBM No.	LOCATION	ELEV.	DATA	DRAWN BY	CHECKED BY	DATA	DRAWN BY	CHECKED BY	No.	DATE	DESCRIPTION	BY	No.	DATE	DESCRIPTION	BY	
DESIGN FIELD-BOOK-1				BASE			TELEPHONE											
DESIGN FIELD-BOOK-2				TOPOGRAPHY			ELECTRIC											
STAKING				PROFILE			CABLE TV											
ASBUILT				SAN. SEWER			DESIGN											
CONTRACTOR				STORM SEWER			QUANTITIES											
INSPECTOR				WATER			FINAL CHECK											
CONSTRUCTION RECORD				GAS														

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CLIENT
ALASKA RAILROAD RELOCATION
PLAN AND PROFILE
ALTERNATE ROUTE D
STA 0+00 TO STA 65+00
 WASILLA, ALASKA

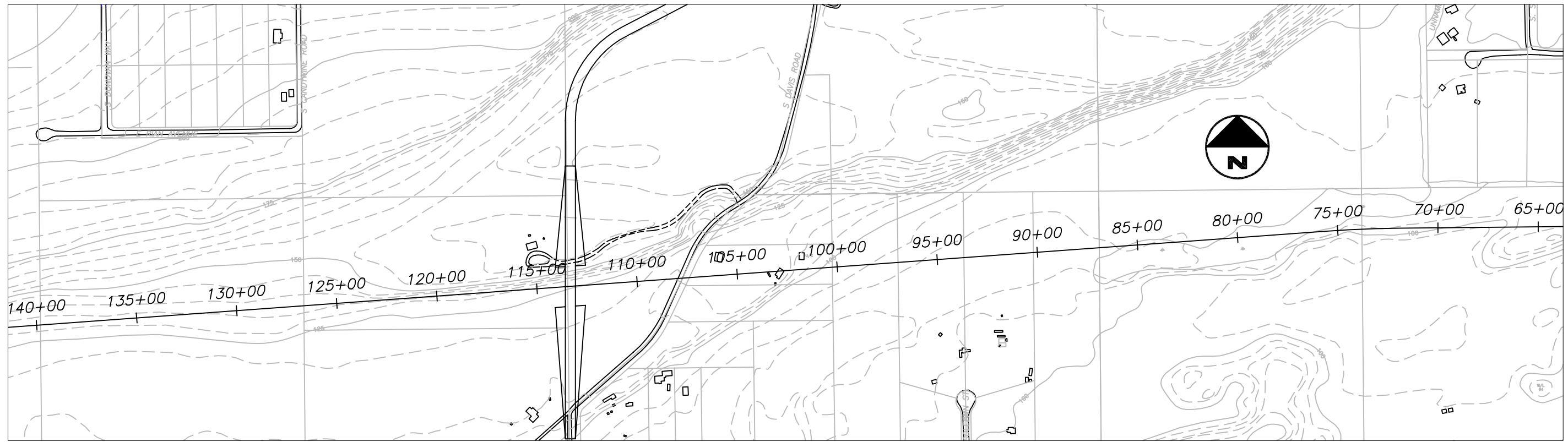
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 VERTICAL: VSCALE

DATE: DATE
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GRID: GRID
 SHEET: SHEET

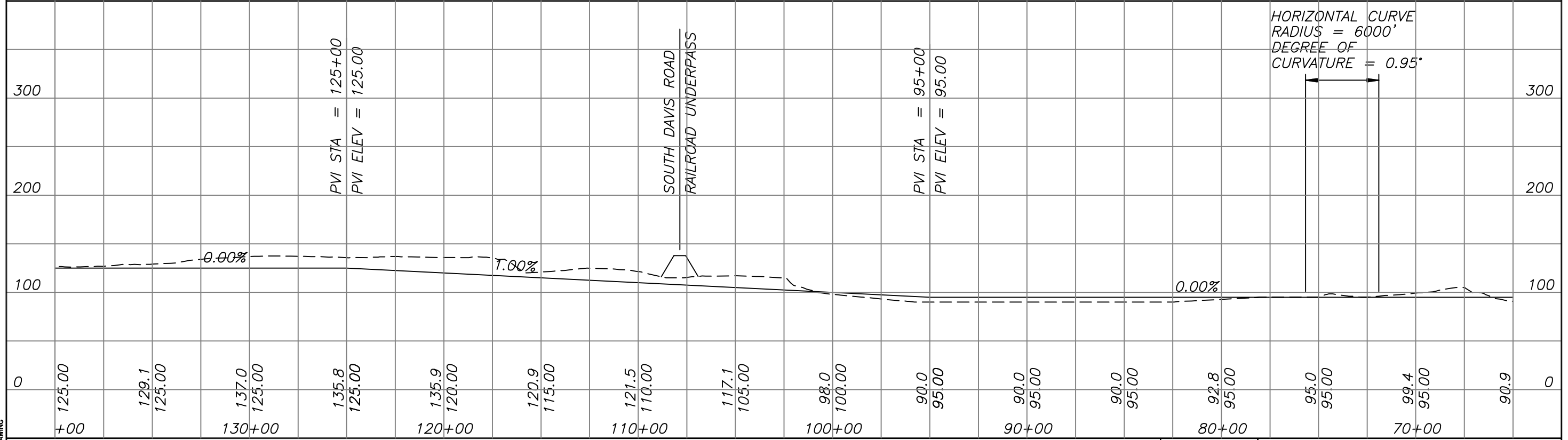
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DRAWN BY: DRAWING
 PLOTTING DATE: PDATE
 AUTOCAD DRAWING NAME: DRAWING



ALTERNATE ROUTE D

PRELIMINARY



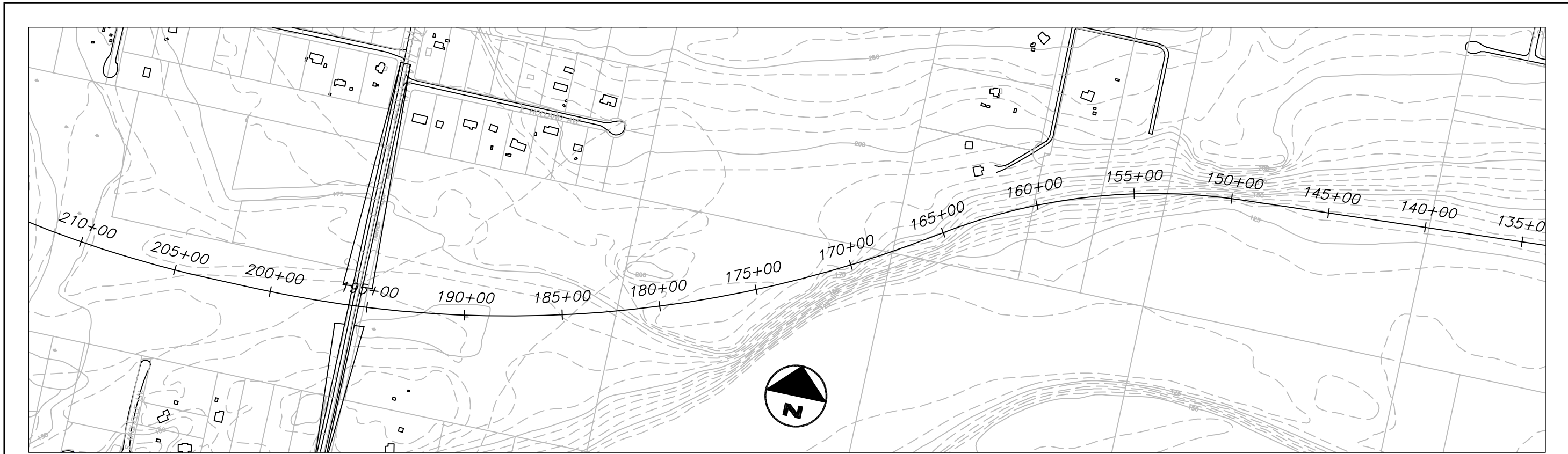
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FIELD BOOKS	TBM No.	LOCATION	ELEV.	DATA	DRAWN BY	CHECKED BY	DATA	DRAWN BY	CHECKED BY	No.	DATE	DESCRIPTION	BY	No.	DATE	DESCRIPTION	BY	
DESIGN FIELD-BOOK-1				BASE TOPOGRAPHY			TELEPHONE											
DESIGN FIELD-BOOK-2				PROFILE			ELECTRIC											
STAKING				SAN. SEWER			CABLE TV											
ASBUILT				STORM SEWER			DESIGN											
CONTRACTOR				WATER			QUANTITIES											
INSPECTOR				GAS			FINAL CHECK											
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 Palmer, Alaska (907) 746-5230

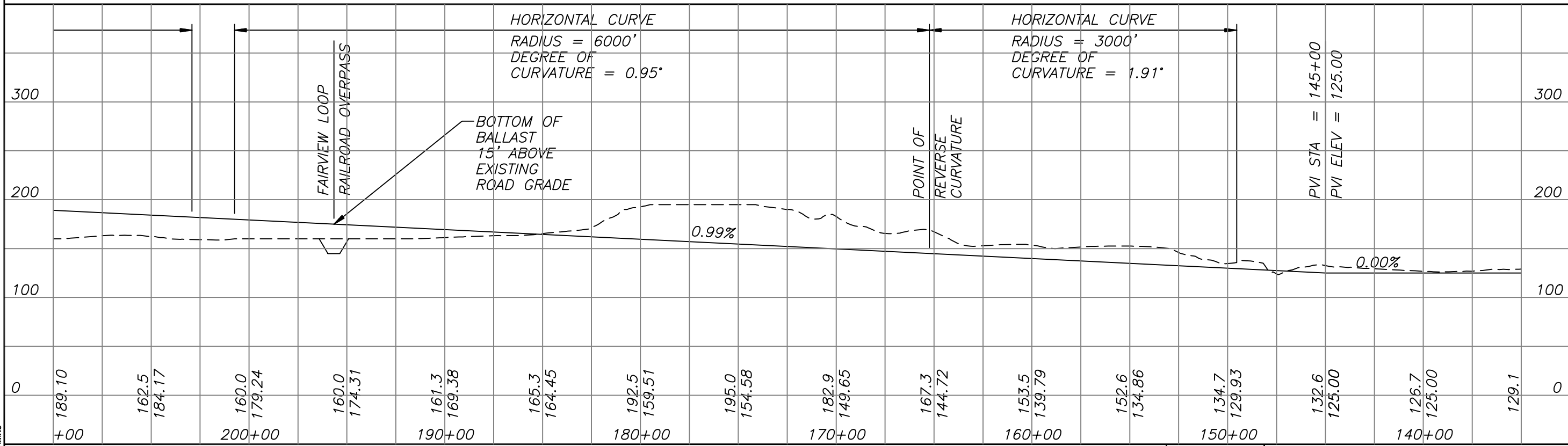
CLIENT
ALASKA RAILROAD RELOCATION
PLAN AND PROFILE
ALTERNATE ROUTE D
STA 65 00 TO STA 140 00
 WASILLA, ALASKA

SCALE: HORIZONTAL: VERTICAL: HSCALE: VSCALE: DATE: DATE: W.O. No: WO#: GRID: GRID: SHEET: SHEET: **D-2**



ALTERNATE ROUTE D

PRELIMINARY



FIELD BOOKS		TBM No.	LOCATION	ELEV.	DATA	DRAWN BY	CHECKED BY	DATA	DRAWN BY	CHECKED BY	No.	DATE	DESCRIPTION	BY	No.	DATE	DESCRIPTION	BY	
DESIGN	FIELD-BOOK-1				BASE			TELEPHONE											
	FIELD-BOOK-2				TOPOGRAPHY			ELECTRIC											
STAKING					PROFILE			CABLE TV											
ASBUILT					SAN. SEWER			DESIGN											
CONTRACTOR					STORM SEWER			QUANTITIES											
INSPECTOR					WATER			FINAL CHECK											
CONSTRUCTION RECORD					GAS														
		BASIS OF DATUM			PLAN CHECK			REVISIONS											

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 Anchorage, Alaska (907) 273-1830
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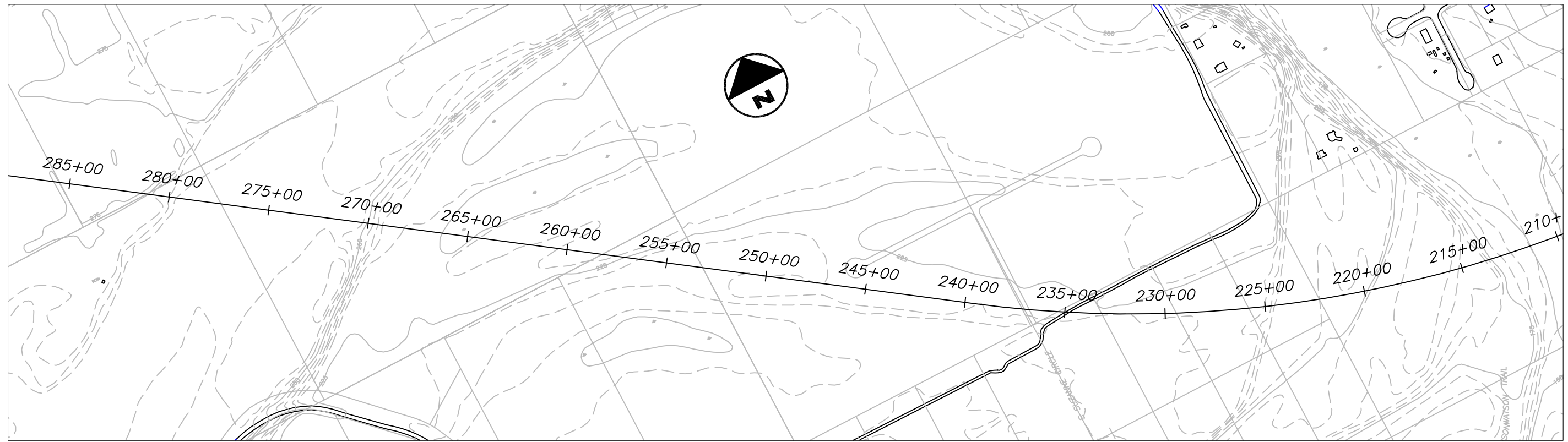
CLIENT
ALASKA RAILROAD RELOCATION
PLAN AND PROFILE
ALTERNATE ROUTE D
STA 140 00 TO STA 210 00
 WASILLA, ALASKA

SCALE:
 HORIZONTAL: 1" = 100'
 VERTICAL: 1" = 10'

DATE: DATE: GRID: GRID:
 W.O. No: WO#: SHEET: SHEET:

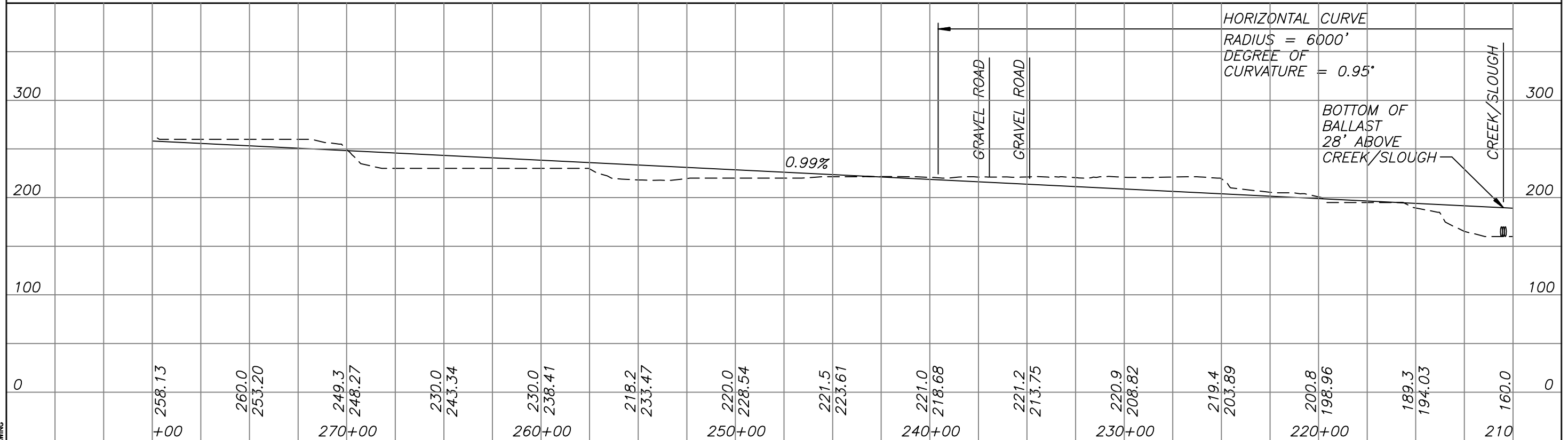
D-3

DRAWN BY: DRAWING
 PLOTTING DATE: PDATE
 AUTOCAD DRAWING NAME: DRAWING



ALTERNATE ROUTE D

PRELIMINARY



FIELD BOOKS	TBM No.	LOCATION	ELEV.	DATA	DRAWN BY	CHECKED BY	DATA	DRAWN BY	CHECKED BY	No.	DATE	DESCRIPTION	BY	No.	DATE	DESCRIPTION	BY	
DESIGN FIELD-BOOK-1				BASE			TELEPHONE											
DESIGN FIELD-BOOK-2				TOPOGRAPHY			ELECTRIC											
STAKING				PROFILE			CABLE TV											
ASBUILT				SAN. SEWER			DESIGN											
CONTRACTOR				STORM SEWER			QUANTITIES											
INSPECTOR				WATER			FINAL CHECK											
CONSTRUCTION RECORD				GAS														

CLIENT

**ALASKA RAILROAD RELOCATION
PLAN AND PROFILE**

**ALTERNATE ROUTE D
STA 210 00 TO STA 280 00**

WASILLA, ALASKA

SCALE
HORIZONTAL: HSCALE
VERTICAL: VSCALE

DATE: DATE
W.O. No: WO#

GRID: GRID
SHEET: SHEET

D-4

LCMF Incorporated

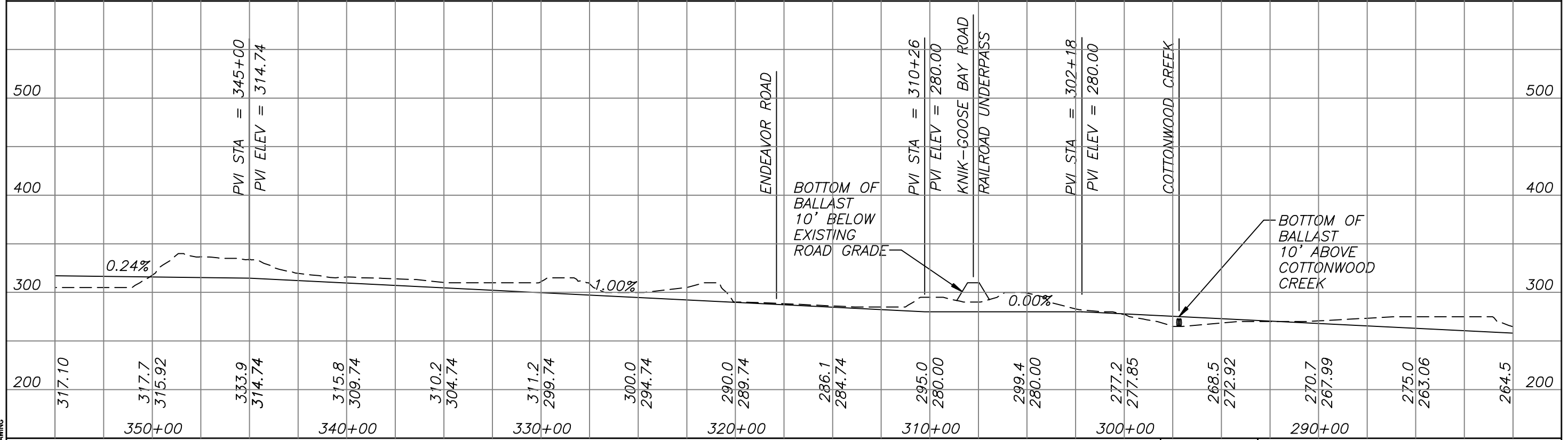
Anchorage, Alaska (907) 273-1830
Barrow, Alaska (907) 852-8212
Palmer, Alaska (907) 746-5230

DRAWN BY: DRAWN
PLOT DATE: PDATE
AUTOCAD DRAWING NAME: DRAWING



ALTERNATE ROUTE D

PRELIMINARY



FIELD BOOKS	TBM No.	LOCATION	ELEV.	DATA	DRAWN BY	CHECKED BY	DATA	DRAWN BY	CHECKED BY	No.	DATE	DESCRIPTION	BY	No.	DATE	DESCRIPTION	BY	
DESIGN FIELD-BOOK-1				BASE			TELEPHONE											
DESIGN FIELD-BOOK-2				TOPOGRAPHY			ELECTRIC											
STAKING				PROFILE			CABLE TV											
ASBUILT				SAN. SEWER			DESIGN											
CONTRACTOR				STORM SEWER			QUANTITIES											
INSPECTOR				WATER			FINAL CHECK											
CONSTRUCTION RECORD				GAS														

CLIENT

**ALASKA RAILROAD RELOCATION
PLAN AND PROFILE**

**ALTERNATE ROUTE D
STA 280 00 TO STA 355 00**

WASILLA, ALASKA

SCALE
HORIZONTAL: HSCALE
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DATE: DATE
W.O. No: WO#

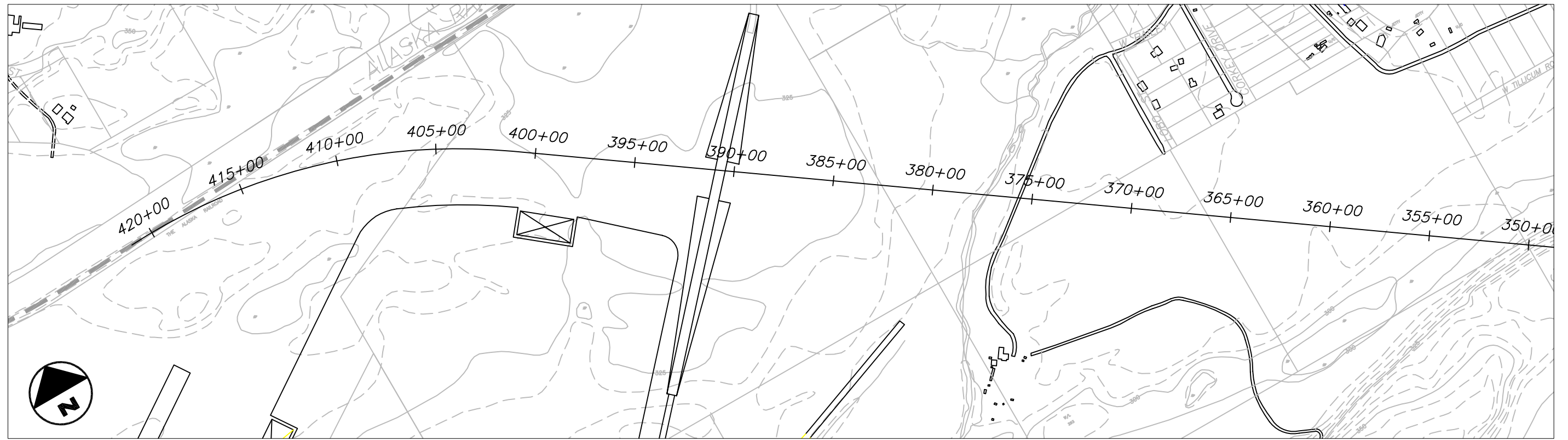
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D-5

LCMF Incorporated

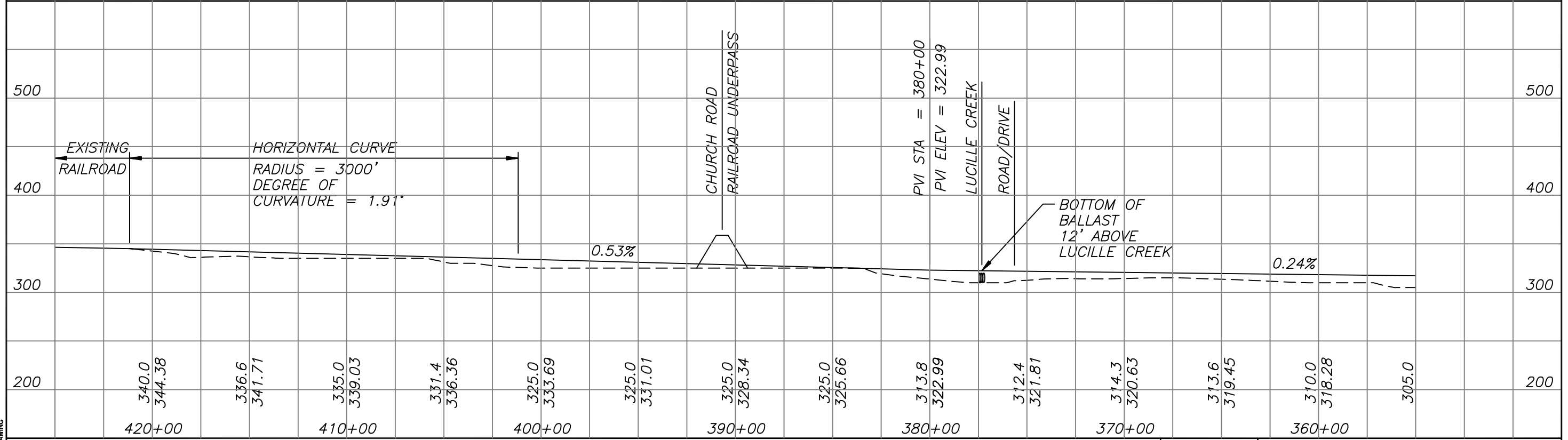
Anchorage, Alaska (907) 273-1830
Barrow, Alaska (907) 852-8212
Palmer, Alaska (907) 746-5230

DRAWN BY: DRAWN
PLOT DATE: PDATE
AUTOCAD DRAWING NAME: DRAWING



ALTERNATE ROUTE D

PRELIMINARY



DRAWN BY: DRAWING
PLOT DATE: PDATE
AUTOCAD DRAWING NAME: DRAWING

FIELD BOOKS	TBM No.	LOCATION	ELEV.	DATA	DRAWN BY	CHECKED BY	DATA	DRAWN BY	CHECKED BY	No.	DATE	DESCRIPTION	BY	No.	DATE	DESCRIPTION	BY	
DESIGN FIELD-BOOK-1				BASE			TELEPHONE											
DESIGN FIELD-BOOK-2				TOPOGRAPHY			ELECTRIC											
STAKING				PROFILE			CABLE TV											
ASBUILT				SAN. SEWER			DESIGN											
CONTRACTOR				STORM SEWER			QUANTITIES											
INSPECTOR				WATER			FINAL CHECK											
CONSTRUCTION RECORD				GAS														

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 Palmer, Alaska (907) 746-5230

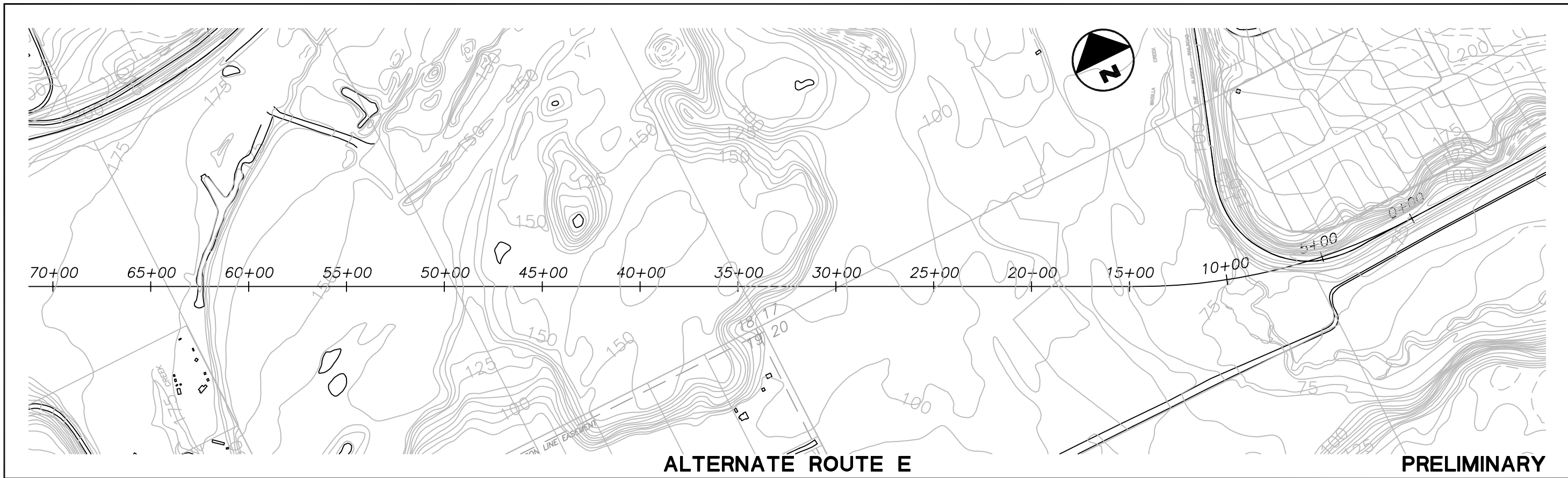
CLIENT
ALASKA RAILROAD RELOCATION
PLAN AND PROFILE
ALTERNATE ROUTE D
STA 365 00 TO STA 421 16
 WASILLA, ALASKA

SCALE
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 VERTICAL: VSCALE

DATE: DATE
 W.O. No: WO#

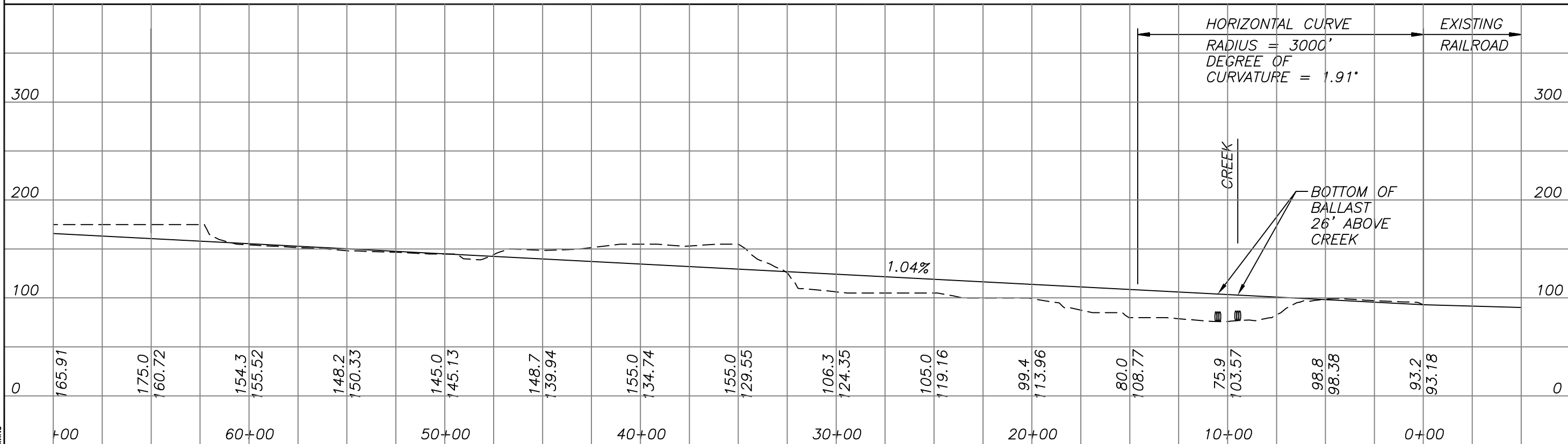
GRID: GRID
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D-6



ALTERNATE ROUTE E

PRELIMINARY



DRAWN BY: DRAWING
PLOT DATE: PDATE
AUTOCAD DRAWING NAME: DRAWING

FIELD BOOKS	TBM No.	LOCATION	ELEV.	DATA	DRAWN BY	CHECKED BY	DATA	DRAWN BY	CHECKED BY	No.	DATE	DESCRIPTION	BY	No.	DATE	DESCRIPTION	BY	
DESIGN FIELD-BOOK-1				BASE TOPOGRAPHY			TELEPHONE											
DESIGN FIELD-BOOK-2				PROFILE			ELECTRIC											
STAKING				SAN. SEWER			CABLE TV											
ASBUILT				STORM SEWER			DESIGN											
CONTRACTOR				WATER			QUANTITIES											
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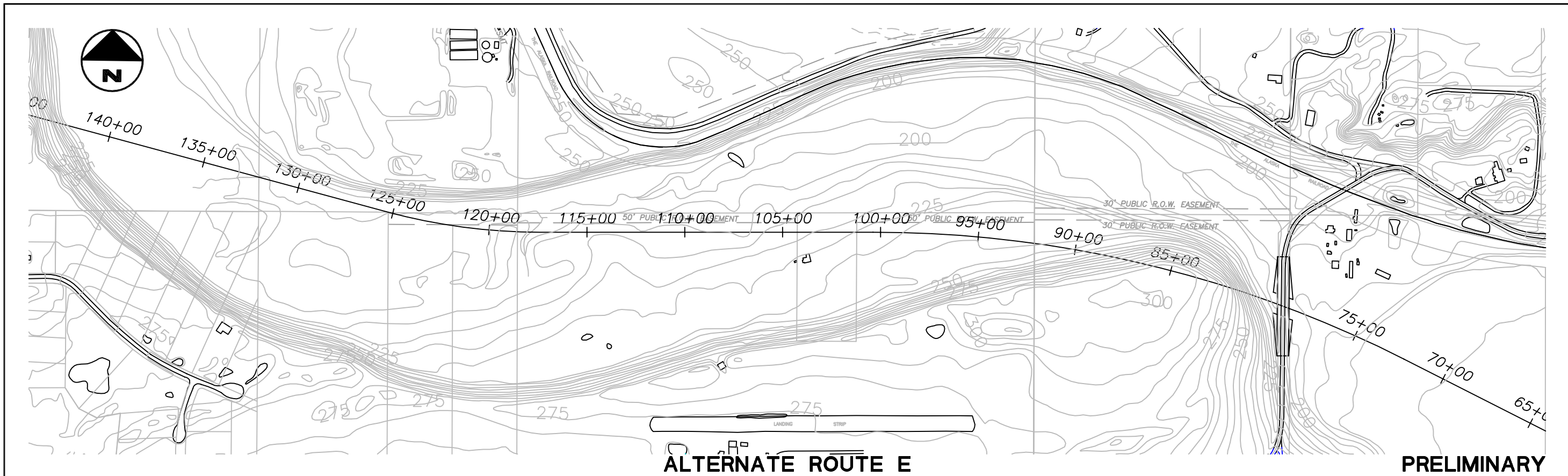
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ALASKA RAILROAD RELOCATION
PLAN AND PROFILE
ALTERNATE ROUTE E
STA 0 00 TO STA 70 00
 WASILLA, ALASKA

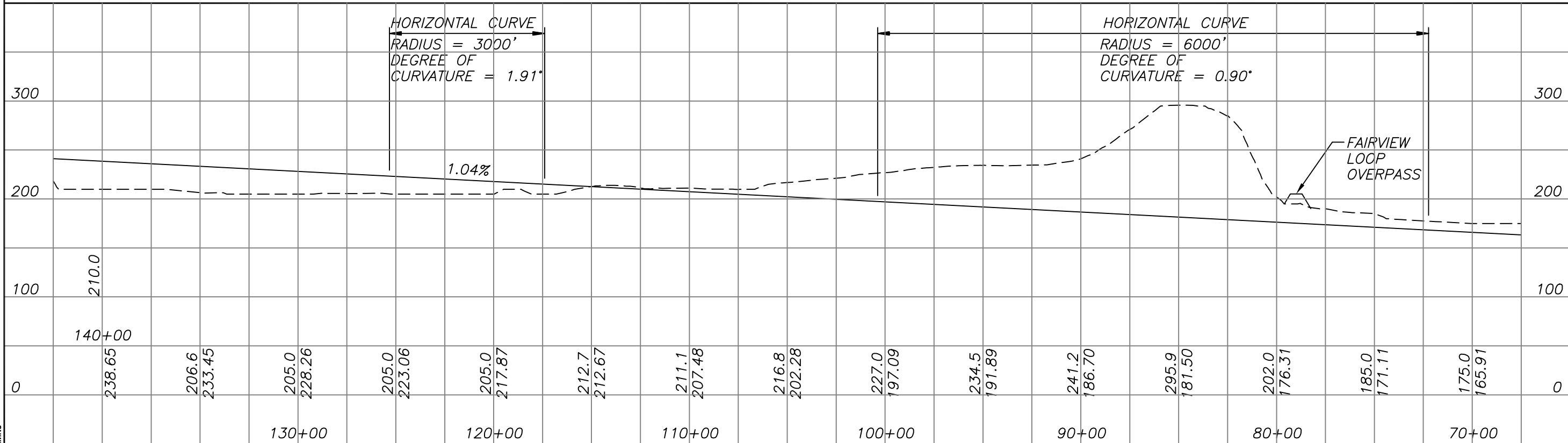
SCALE HORIZONTAL: VERTICAL:	HSCALE VSCALE	DATE: W.O. No:	DATE: WO#	GRID: SHEET:	GRID: SHEET:
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E-1



ALTERNATE ROUTE E

PRELIMINARY



FIELD BOOKS	TBM No.	LOCATION	ELEV.	DATA	DRAWN BY	CHECKED BY	DATA	DRAWN BY	CHECKED BY	No.	DATE	DESCRIPTION	BY	No.	DATE	DESCRIPTION	BY
DESIGN FIELD-BOOK-1				BASE TOPOGRAPHY			TELEPHONE										
DESIGN FIELD-BOOK-2				PROFILE			ELECTRIC										
STAKING				SAN. SEWER			CABLE TV										
ASBUILT				STORM SEWER			DESIGN										
CONTRACTOR				WATER			QUANTITIES										
INSPECTOR				GAS			FINAL CHECK										
CONSTRUCTION RECORD																	

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**ALASKA RAILROAD RELOCATION
PLAN AND PROFILE**

**ALTERNATE ROUTE E
STA 70 00 TO STA 140 00**

WASILLA, ALASKA

SCALE
HORIZONTAL: HSCALE
VERTICAL: VSCALE

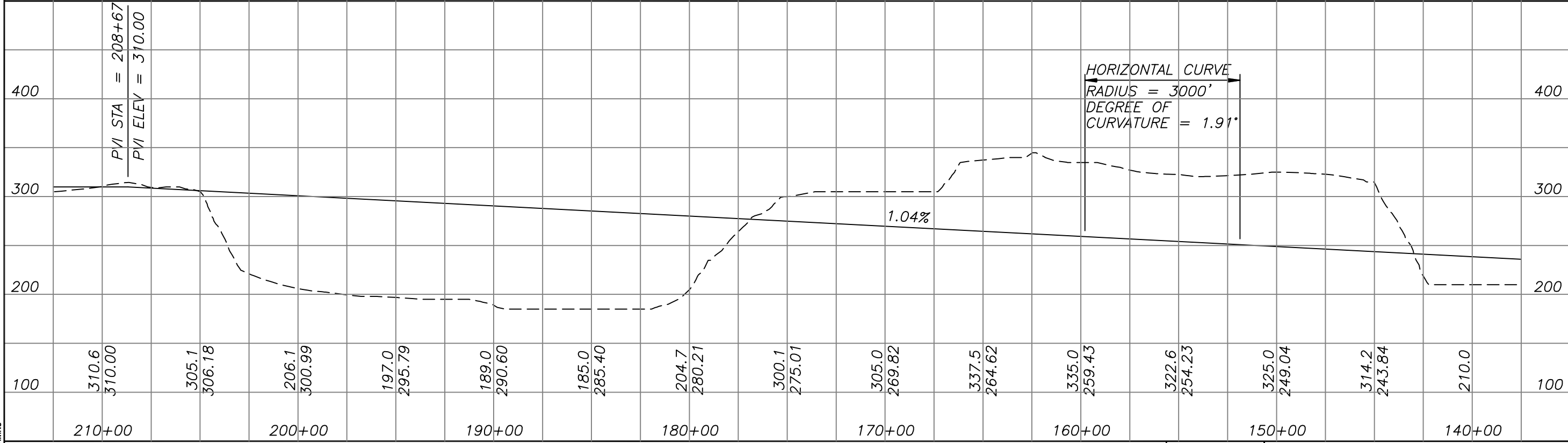
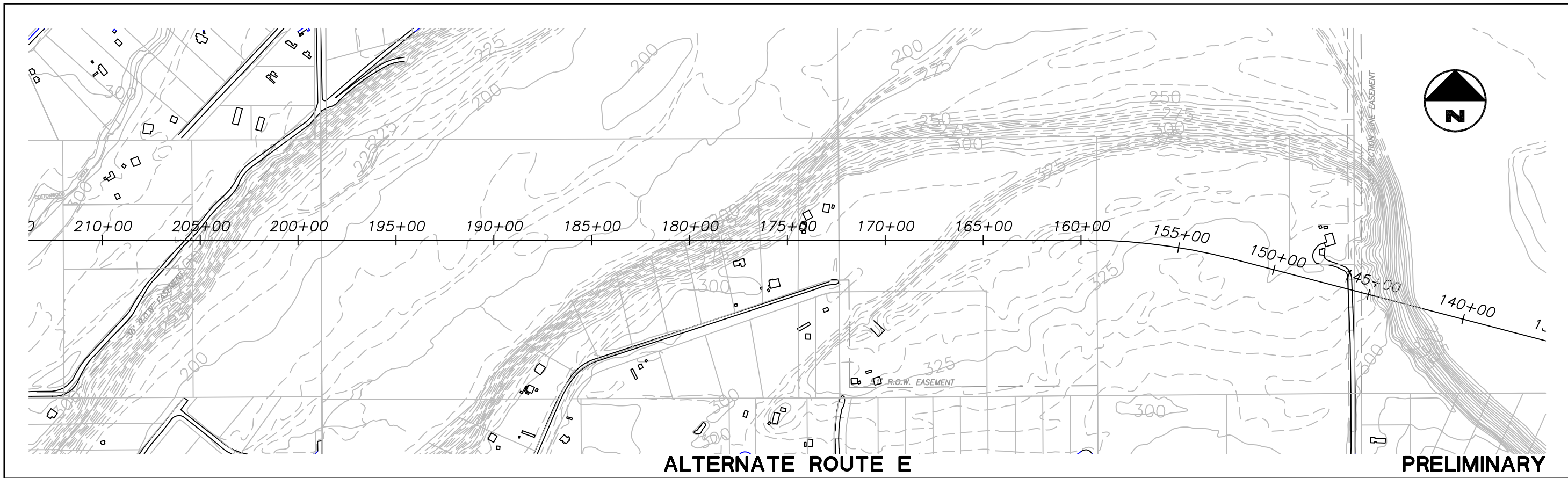
DATE: DATE
W.O. No: WO#

GRID: GRID
SHEET: SHEET

E-2

DRAWN BY: DRAWING
 PLOTTING DATE: PDATE
 AUTOCAD DRAWING NAME: DRAWING

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DRAWN BY: DRAWING
 PLOTTING DATE: PDATE
 AUTOCAD DRAWING NAME: DRAWING

FIELD BOOKS	TBM No.	LOCATION	ELEV.	DATA	DRAWN BY	CHECKED BY	DATA	DRAWN BY	CHECKED BY	No.	DATE	DESCRIPTION	BY	No.	DATE	DESCRIPTION	BY	
DESIGN	FIELD-BOOK-1			BASE			TELEPHONE											
	FIELD-BOOK-2			TOPOGRAPHY			ELECTRIC											
STAKING				PROFILE			CABLE TV											
ASBUILT				SAN. SEWER			DESIGN											
CONTRACTOR	BASIS OF DATUM			STORM SEWER			QUANTITIES											
INSPECTOR				WATER			FINAL CHECK											
CONSTRUCTION RECORD	VERTICAL DATUM			GAS														

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 Barrow, Alaska (907) 852-8212

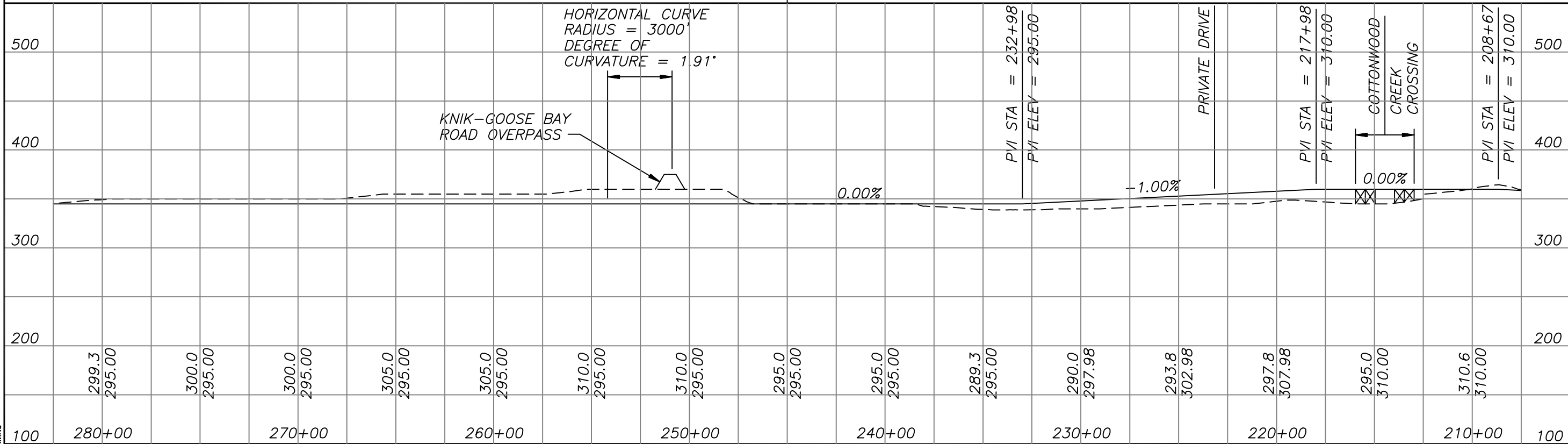
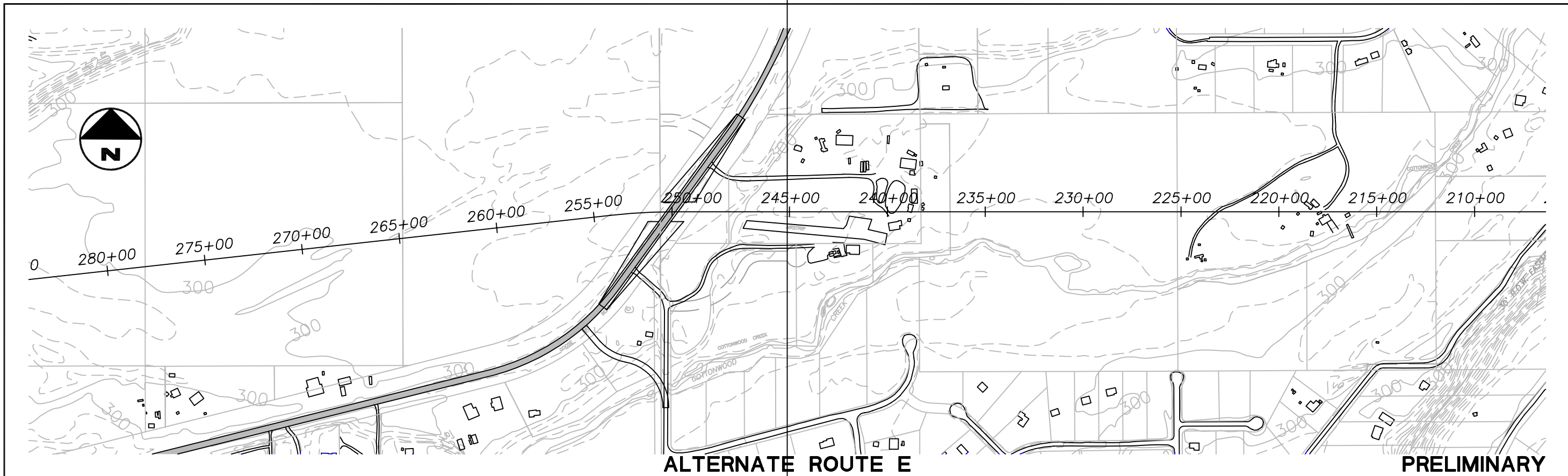


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**ALASKA RAILROAD RELOCATION
 PLAN AND PROFILE**
ALTERNATE ROUTE E
STA 140 00 TO STA 210 00
 WASILLA, ALASKA

SCALE	DATE	DATE	GRID	GRID
HORIZONTAL:	HSCALE	W.O. No:	WO#	SHEET: SHEET
VERTICAL:	VSCALE			

E-3



FIELD BOOKS	TBM No.	LOCATION	ELEV.	DATA	DRAWN BY	CHECKED BY	DATA	DRAWN BY	CHECKED BY	No.	DATE	DESCRIPTION	BY	No.	DATE	DESCRIPTION	BY
DESIGN				BASE			TELEPHONE										
FIELD-BOOK-1				TOPOGRAPHY			ELECTRIC										
FIELD-BOOK-2				PROFILE			CABLE TV										
STAKING				SAN. SEWER			DESIGN										
ASBUILT				STORM SEWER			QUANTITIES										
CONTRACTOR				WATER			FINAL CHECK										
INSPECTOR				GAS													
CONSTRUCTION RECORD																	

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Barrow, Alaska (907) 852-8212

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**ALASKA RAILROAD RELOCATION
PLAN AND PROFILE**

**ALTERNATE ROUTE D
STA 210 00 TO STA 280 00**

WASILLA, ALASKA

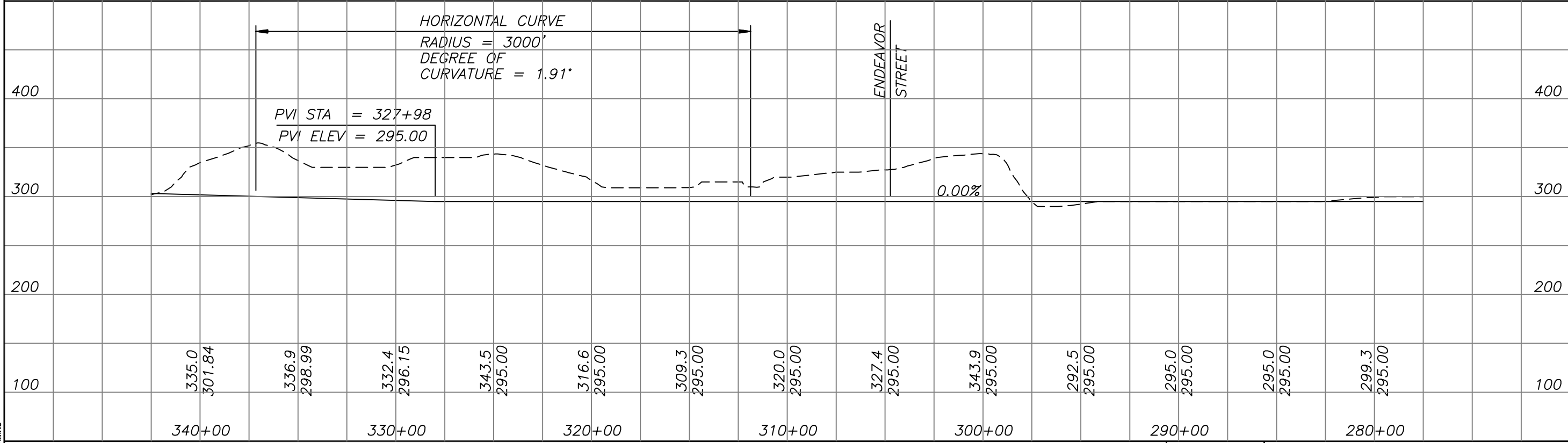
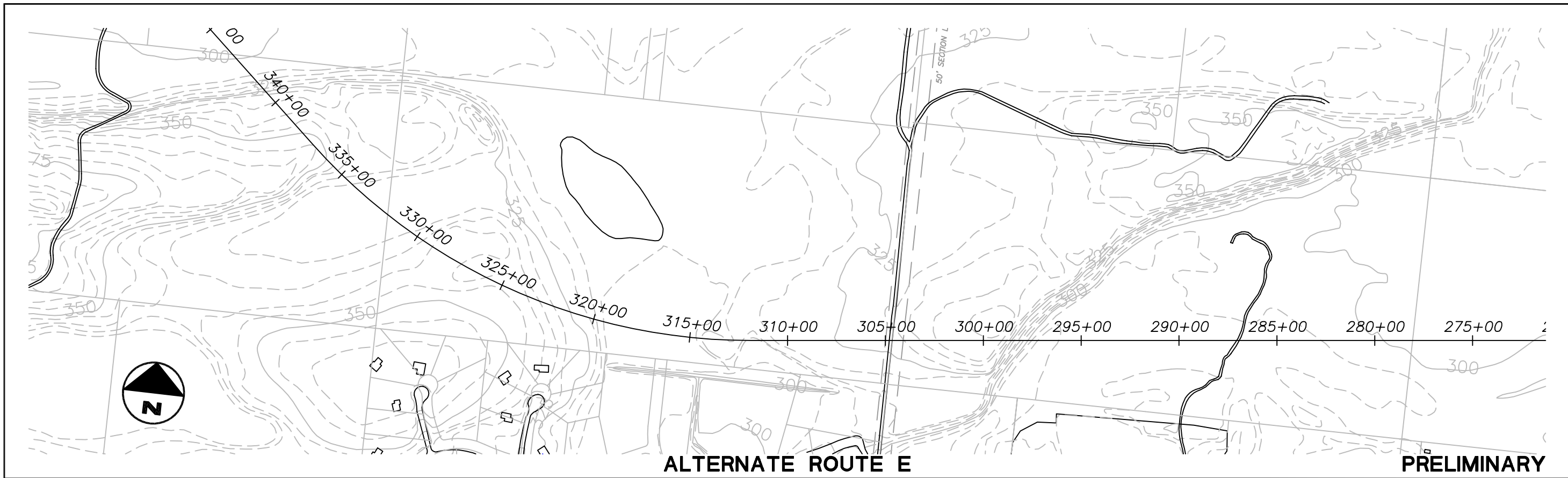
SCALE
HORIZONTAL: HSCALE
VERTICAL: VSCALE

DATE: DATE
W.O. No: WO#

GRID: GRID
SHEET: SHEET

E-4

DRAWN BY: DRAWING
PLOT DATE: PDATE
AUTOCAD DRAWING NAME: DRAWING



FIELD BOOKS	TBM No.	LOCATION	ELEV.	DATA	DRAWN BY	CHECKED BY	DATA	DRAWN BY	CHECKED BY	No.	DATE	DESCRIPTION	BY	No.	DATE	DESCRIPTION	BY	
DESIGN FIELD-BOOK-1				BASE TOPOGRAPHY			TELEPHONE											
DESIGN FIELD-BOOK-2				PROFILE			ELECTRIC											
STAKING				SAN. SEWER			CABLE TV											
ASBUILT				STORM SEWER			DESIGN											
CONTRACTOR				WATER			QUANTITIES											
INSPECTOR				GAS			FINAL CHECK											
CONSTRUCTION RECORD																		

CLIENT

**ALASKA RAILROAD RELOCATION
PLAN AND PROFILE**

**ALTERNATE ROUTE E
STA 280 00 TO STA 340 00**

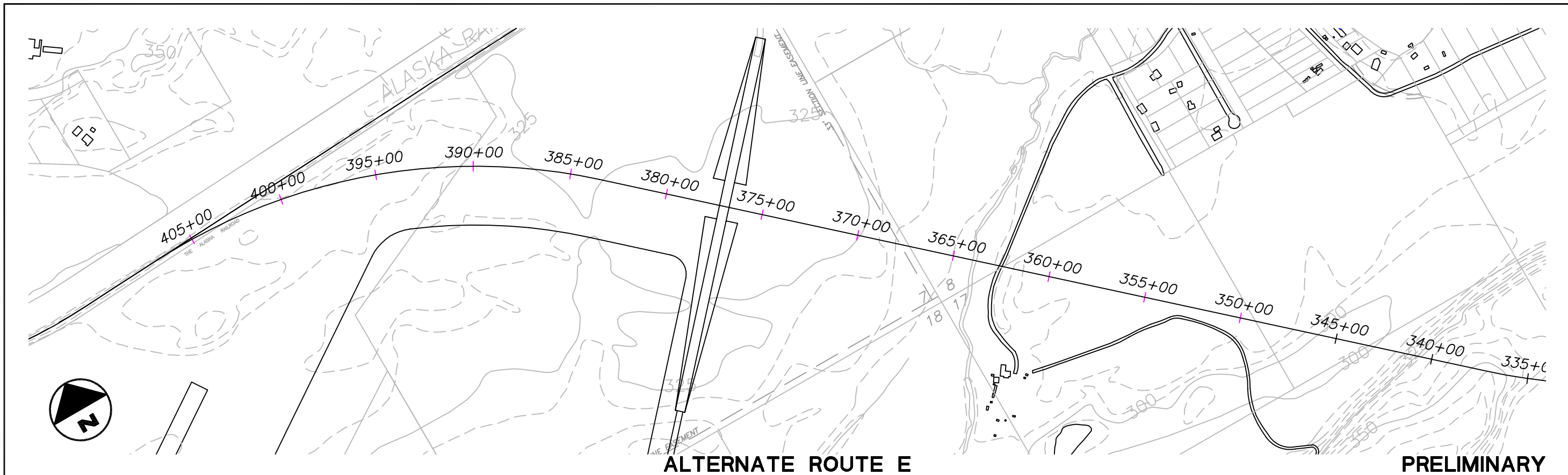
WASILLA, ALASKA

SCALE HORIZONTAL:	HSCALE	DATE:	DATE:	GRID:	GRID:
VERTICAL:	VSCALE	W.O. No.:	WO#	SHEET:	SHEET:

E-5

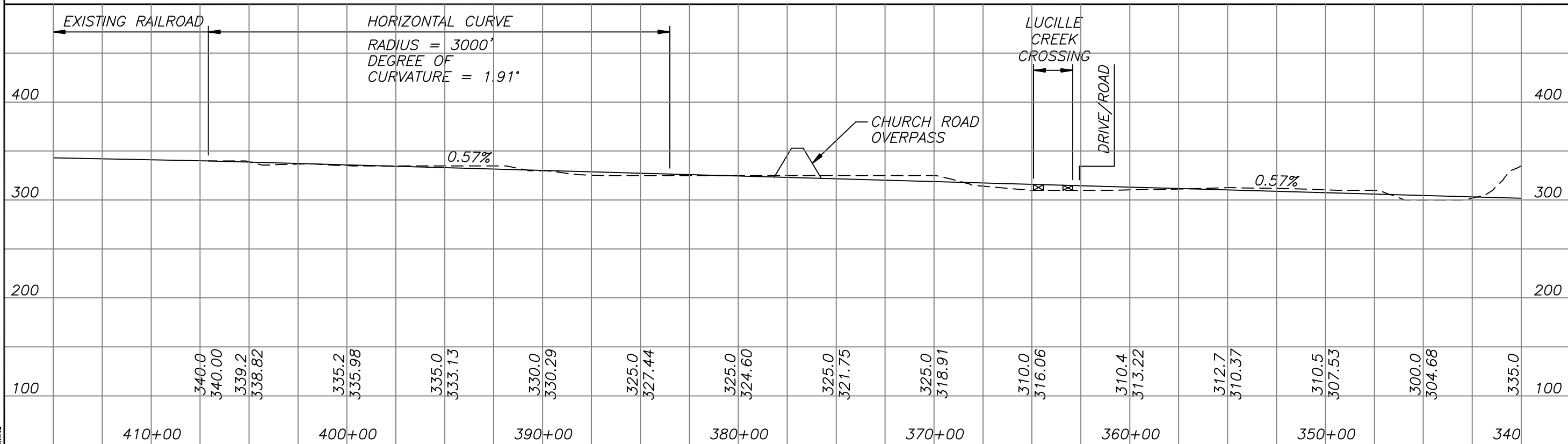
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DRAWN BY: DRAWING
PLOT DATE: PDATE
AUTOCAD DRAWING NAME: DRAWING



ALTERNATE ROUTE E

PRELIMINARY



DRAWN BY: DRAWING
PLOT DATE: PDATE
AUTOCAD DRAWING NAME: DRAWING

FIELD BOOKS	TBM No.	LOCATION	ELEV.	DATA	DRAWN BY	CHECKED BY	DATA	DRAWN BY	CHECKED BY	No.	DATE	DESCRIPTION	BY	No.	DATE	DESCRIPTION	BY	
DESIGN FIELD-BOOK-1				BASE			TELEPHONE											
DESIGN FIELD-BOOK-2				TOPOGRAPHY			ELECTRIC											
STAKING				PROFILE			CABLE TV											
ASBUILT				SAN. SEWER			DESIGN											
CONTRACTOR				STORM SEWER			QUANTITIES											
INSPECTOR				WATER			FINAL CHECK											
CONSTRUCTION RECORD				GAS														

CLIENT			
ALASKA RAILROAD RELOCATION PLAN AND PROFILE			
ALTERNATE ROUTE E STA 340 00 TO STA 407 07			
WASILLA, ALASKA			
SCALE HORIZONTAL:	HSCALE	DATE:	GRID:
VERTICAL:	VSCALE	W.O. No:	WO#
		DATE:	GRID:
		W.O. No:	WO#
		DATE:	GRID:
		W.O. No:	WO#

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