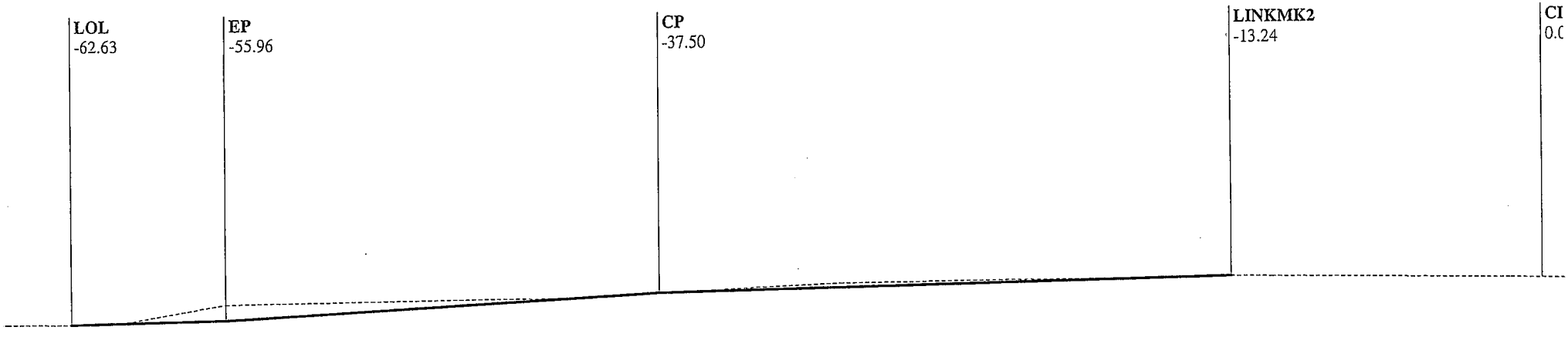
SLOPE STAKE LISTING & DIAGRAM

November 1, 2011 10:40:06 AM

Station Range: 156+00.00 to 181+01.11
Project Units: US Survey Feet

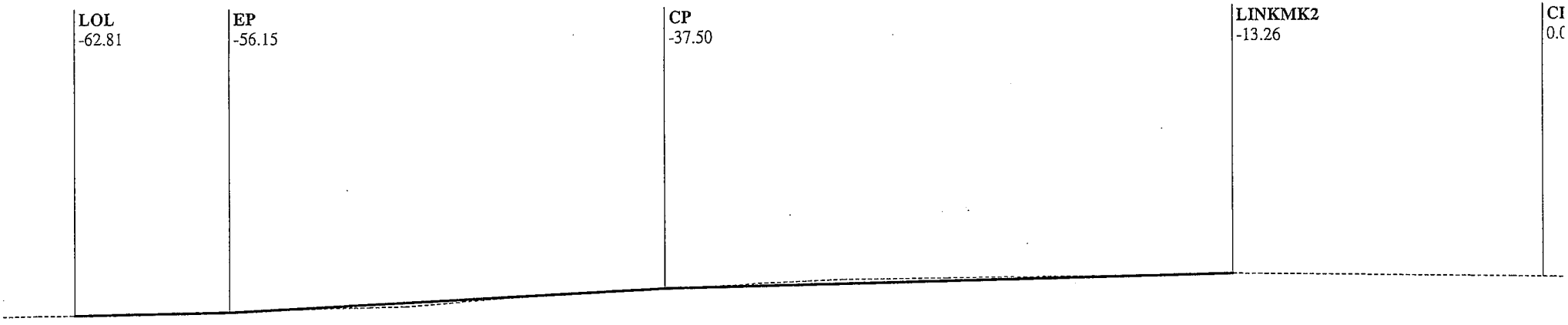


Alignment Chain CONSTCL1
Station: 156+00.00

LOL	EP	CP	LINKMK2	CL
-62.63	-55.96	-37.50	-13.24	0.00
13.61	13.74	14.79	15.26	15.06
-2.00%	-5.66%	-1.95%		
F 0.13	F 1.04	F 0.47	F 0.00	
@ 6.66	@ 18.46	@ 24.26	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM
November 1, 2011 10:40:06 AM

Station Range: 156+00.00 to 181+01.11
Project Units: US Survey Feet



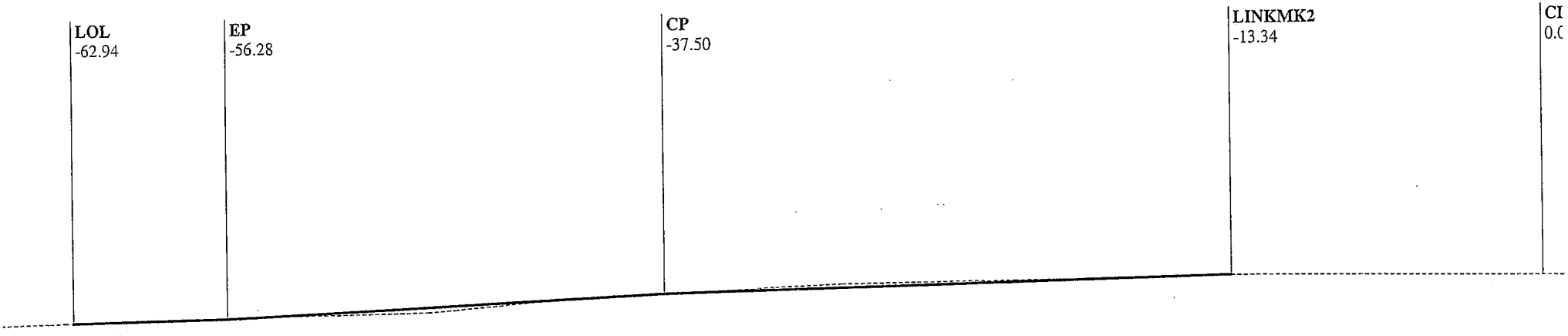
Alignment Chain CONSTCL1
Station: 156+25.00

LOL	EP	CP	LINKMK2	CL
-62.81	-56.15	-37.50	-13.26	0.00
13.68	13.81	14.76	15.24	15.04
-2.00%	-5.06%	-2.01%		
F 0.13	F 0.94	F 0.49	F 0.00	
@ 6.66	@ 18.65	@ 24.24	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM

November 1, 2011 10:40:06 AM

Station Range: 156+00.00 to 181+01.11
Project Units: US Survey Feet

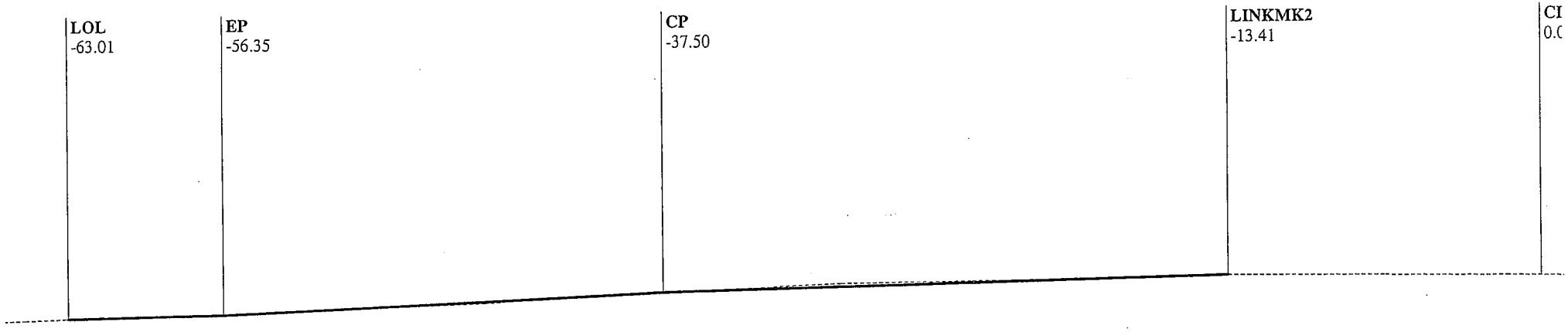


Alignment Chain CONSTCL1
Station: 156+50.00

LOL	EP	CP	LINKMK2	CL
-62.94	-56.28	-37.50	-13.34	0.00
13.72	13.86	14.72	15.21	15.04
-2.00%	-4.58%	-2.05%		
F 0.13	F 0.86	F 0.49	F 0.00	
@ 6.66	@ 18.78	@ 24.16	@ 0.00	

tation Range: 156+00.00 to 181+01.11
roject Units: US Survey Feet

SLOPE STAKE LISTING & DIAGRAM
November 1, 2011 10:40:06 AM



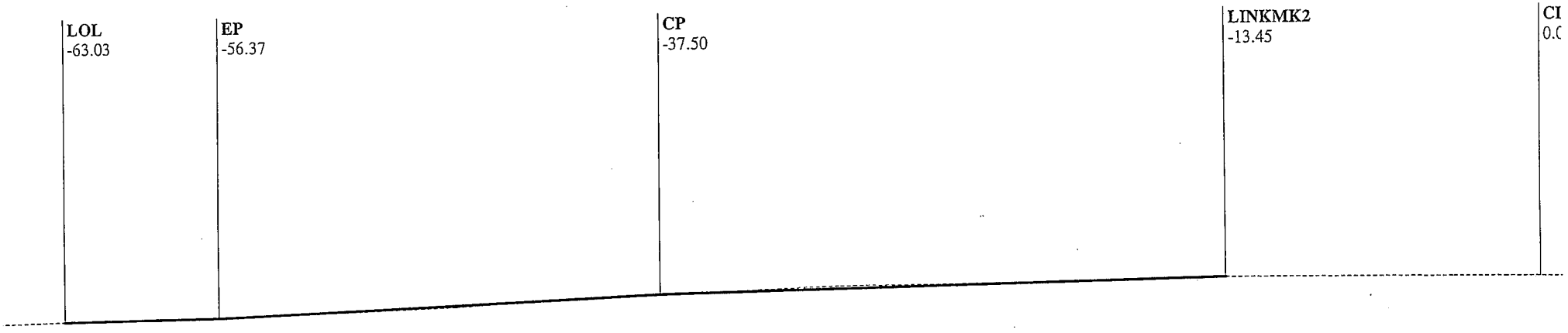
Alignment Chain CONSTCL1
Station: 156+75.00

LOL	EP	CP	LINKMK2	CL
-63.01	-56.35	-37.50	-13.41	0.00
13.75	13.88	14.69	15.18	15.05
-2.00%	-4.28%	-2.05%		
F 0.13	F 0.81	F 0.49	F 0.00	
@ 6.66	@ 18.85	@ 24.09	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM

November 1, 2011 10:40:06 AM

tation Range: 156+00.00 to 181+01.11
roject Units: US Survey Feet



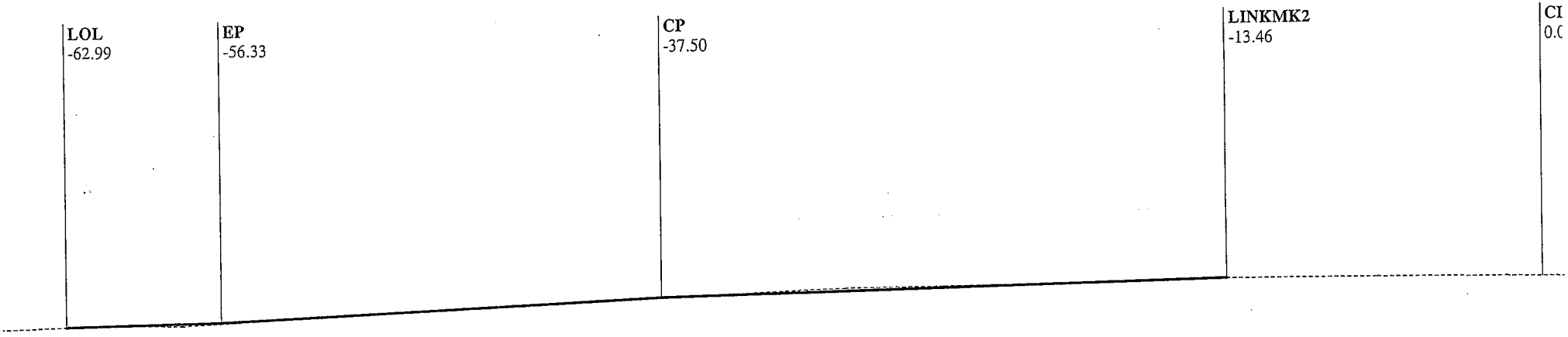
Alignment Chain CONSTCL1
Station: 157+00.00

LOL	EP	CP	LINKMK2	CL
-63.03	-56.37	-37.50	-13.45	0.00
13.74	13.88	14.71	15.17	15.05
-2.00%	-4.41%	-1.90%		
F 0.13	F 0.83	F 0.46	F 0.00	
@ 6.66	@ 18.87	@ 24.05	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM

November 1, 2011 10:40:06 AM

ation Range: 156+00.00 to 181+01.11
roject Units: US Survey Feet



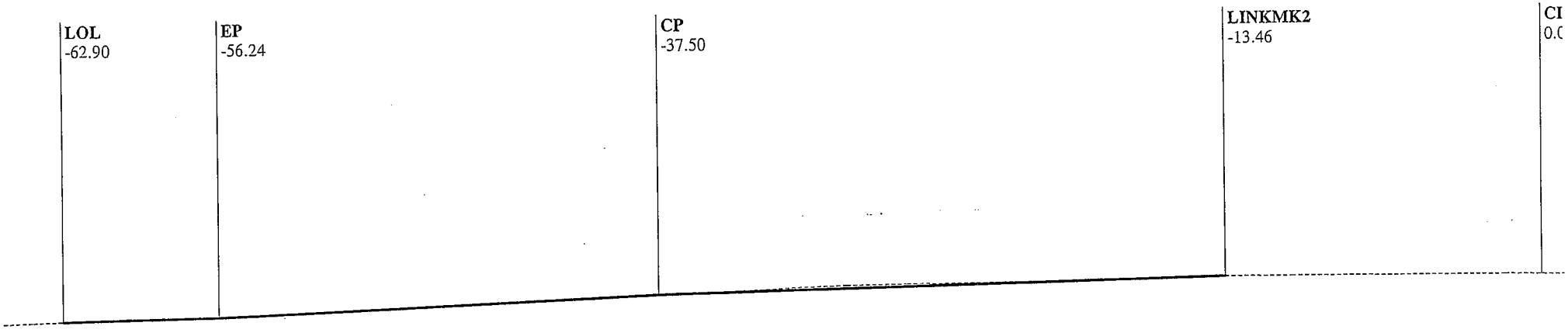
Alignment Chain CONSTCL1
Station: 157+25.00

LOL	EP	CP	LINKMK2	CL
-62.99	-56.33	-37.50	-13.46	0.00
13.75	13.89	14.71	15.15	15.06
-2.00%	-4.40%	-1.82%		
F 0.13	F 0.83	F 0.44	F 0.00	
@ 6.66	@ 18.83	@ 24.04	@ 0.00	

:ation Range: 156+00.00 to 181+01.11
:oject Units: US Survey Feet

SLOPE STAKE LISTING & DIAGRAM

November 1, 2011 10:40:06 AM

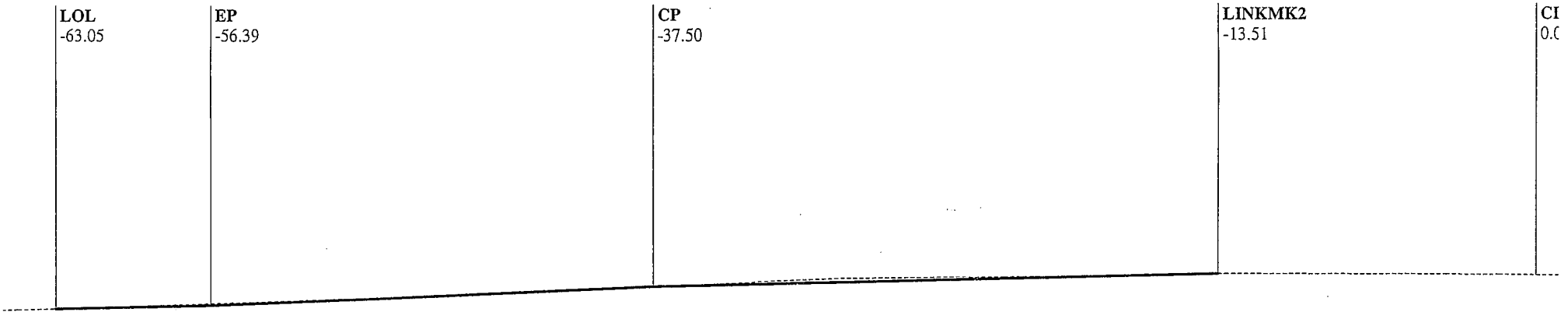


Alignment Chain CONSTCL1
Station: 157+50.00

LOL	EP	CP	LINKMK2	CL
-62.90	-56.24	-37.50	-13.46	0.00
13.80	13.93	14.69	15.15	15.06
-2.00%	-4.05%	-1.89%		
F 0.13	F 0.76	F 0.45	F 0.00	
@ 6.66	@ 18.74	@ 24.04	@ 0.00	

ation Range: 156+00.00 to 181+01.11
oject Units: US Survey Feet

SLOPE STAKE LISTING & DIAGRAM
November 1, 2011 10:40:06 AM



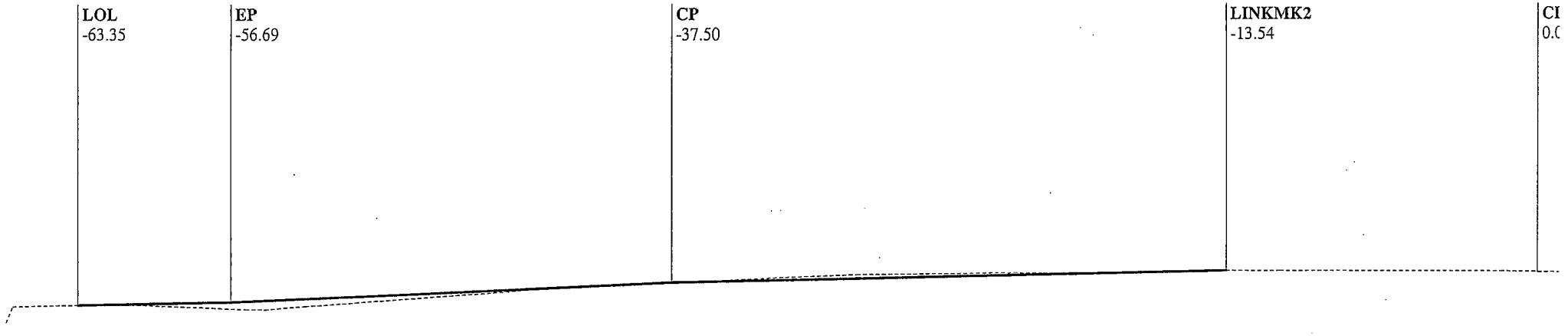
Alignment Chain CONSTCL1
Station: 157+75.00

LOL	EP	CP	LINKMK2	CL
-63.05	-56.39	-37.50	-13.51	0.00
13.78	13.91	14.69	15.16	15.07
-2.00%	-4.12%	-1.95%		
F 0.13	F 0.78	F 0.47	F 0.00	
@ 6.66	@ 18.89	@ 23.99	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM

Station Range: 156+00.00 to 181+01.11
Project Units: US Survey Feet

November 1, 2011 10:40:06 AM



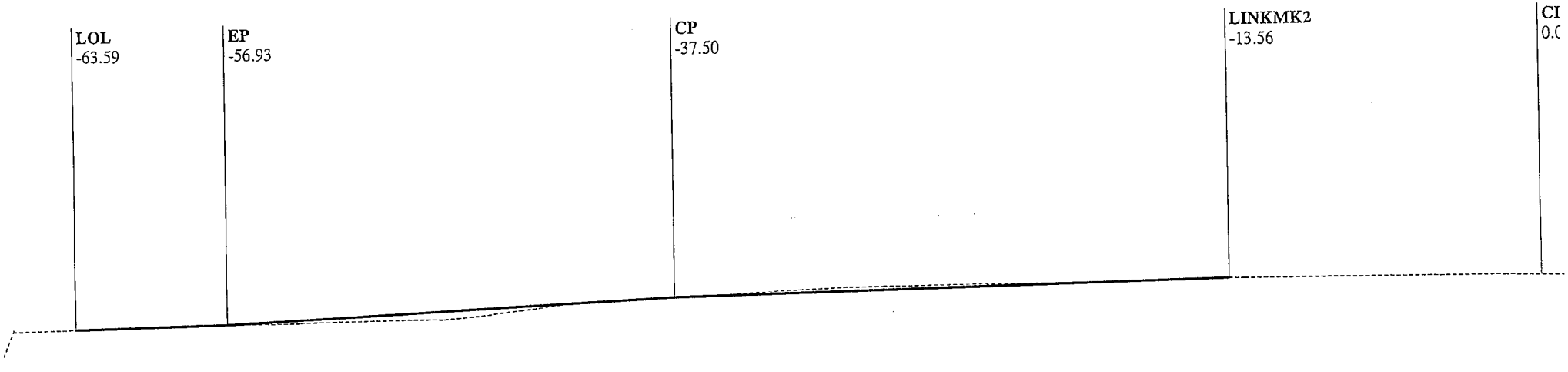
Alignment Chain CONSTCL1
Station: 158+00.00

LOL	EP	CP	LINKMK2	CL
-63.35	-56.69	-37.50	-13.54	0.00
13.75	13.88	14.73	15.17	15.08
-2.00%	-4.40%	-1.87%		
F 0.13	F 0.84	F 0.45	F 0.00	
@ 6.66	@ 19.19	@ 23.96	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM

November 1, 2011 10:40:06 AM

Station Range: 156+00.00 to 181+01.11
Project Units: US Survey Feet



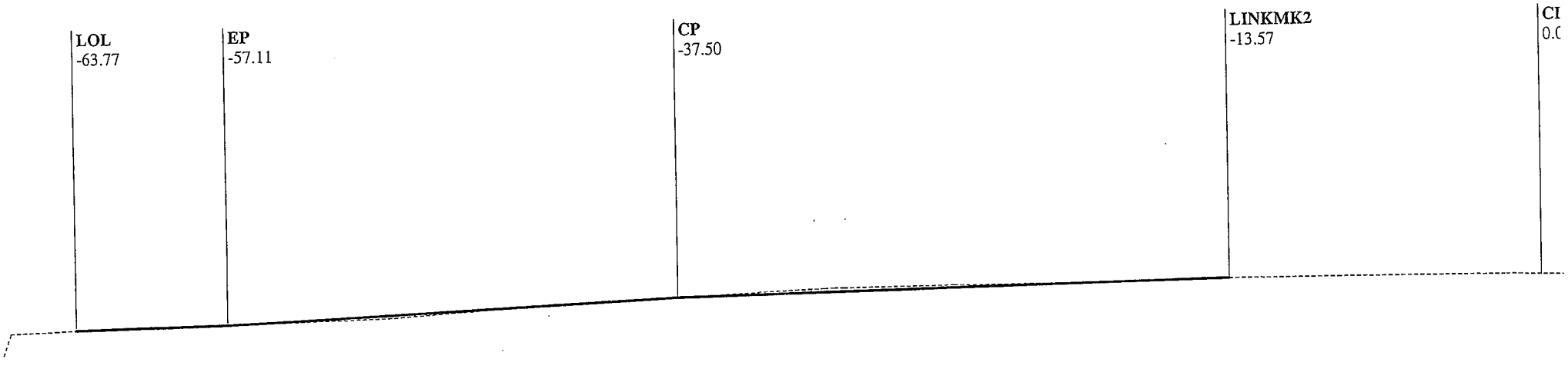
Alignment Chain CONSTCL1
Station: 158+25.00

LOL	EP	CP	LINKMK2	CL
-63.59	-56.93	-37.50	-13.56	0.00
13.73	13.86	14.76	15.18	15.10
-2.00%	-4.64%	-1.76%		
F 0.13	F 0.90	F 0.42	F 0.00	
@ 6.66	@ 19.43	@ 23.94	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM

November 1, 2011 10:40:06 AM

Station Range: 156+00.00 to 181+01.11
Project Units: US Survey Feet

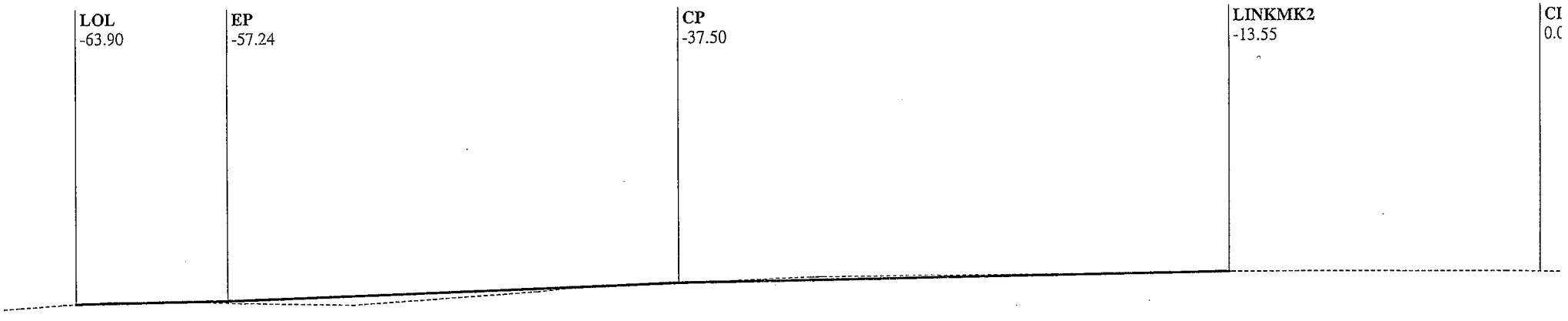


Alignment Chain CONSTCL1
Station: 158+50.00

LOL	EP	CP	LINKMK2	CL
-63.77	-57.11	-37.50	-13.57	0.00
13.79	13.92	14.80	15.19	15.12
-2.00%	-4.48%	-1.63%		
F 0.13	F 0.88	F 0.39	F 0.00	
@ 6.66	@ 19.61	@ 23.93	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM
November 1, 2011 10:40:06 AM

Station Range: 156+00.00 to 181+01.11
Project Units: US Survey Feet

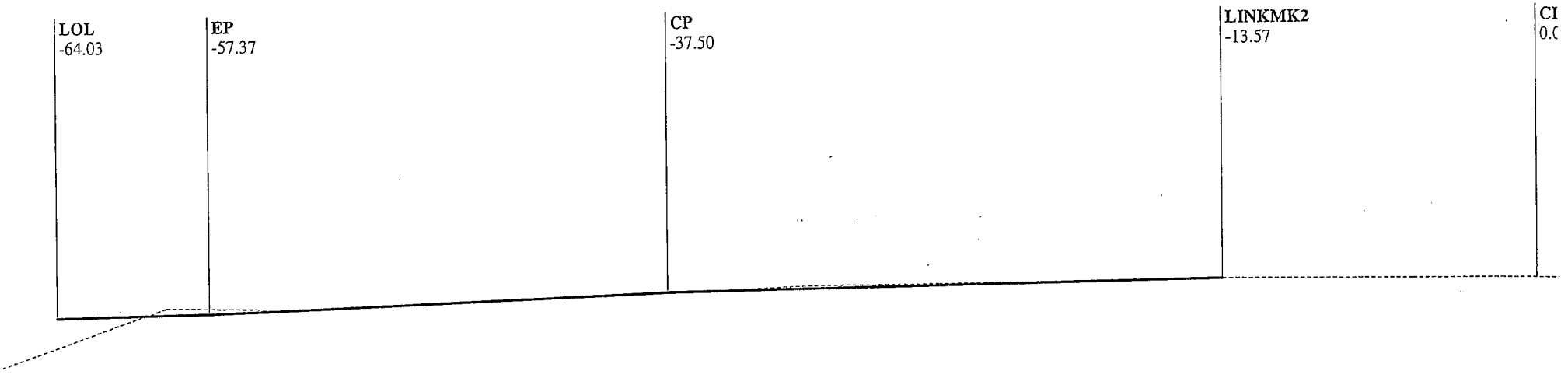


Alignment Chain CONSTCL1
Station: 158+75.00

LOL	EP	CP	LINKMK2	CL
-63.90	-57.24	-37.50	-13.55	0.00
13.98	14.12	14.84	15.20	15.13
-2.00%	-3.66%	-1.50%		
F 0.13	F 0.72	F 0.36	F 0.00	
@ 6.66	@ 19.74	@ 23.95	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM
November 1, 2011 10:40:06 AM

ıtion Range: 156+00.00 to 181+01.11
ɔject Units: US Survey Feet



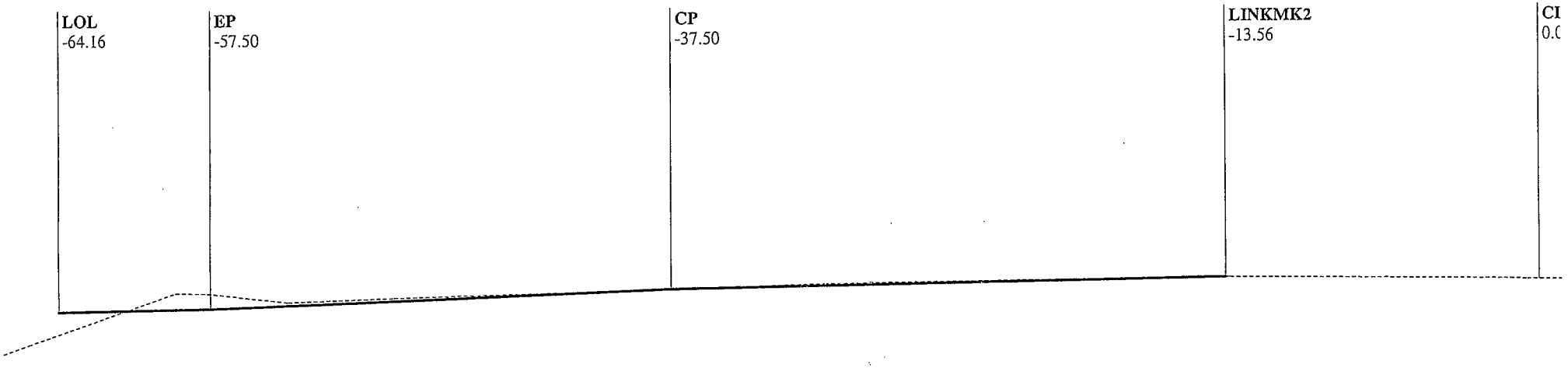
Alignment Chain CONSTCL1
Station: 159+00.00

LOL	EP	CP	LINKMK2	CL
-64.03	-57.37	-37.50	-13.57	0.00
13.96	14.10	14.86	15.21	15.10
-2.00%	-3.84%	-1.48%		
F 0.13	F 0.76	F 0.35	F 0.00	
@ 6.66	@ 19.87	@ 23.93	@ 0.00	

ation Range: 156+00.00 to 181+01.11
oject Units: US Survey Feet

SLOPE STAKE LISTING & DIAGRAM

November 1, 2011 10:40:06 AM

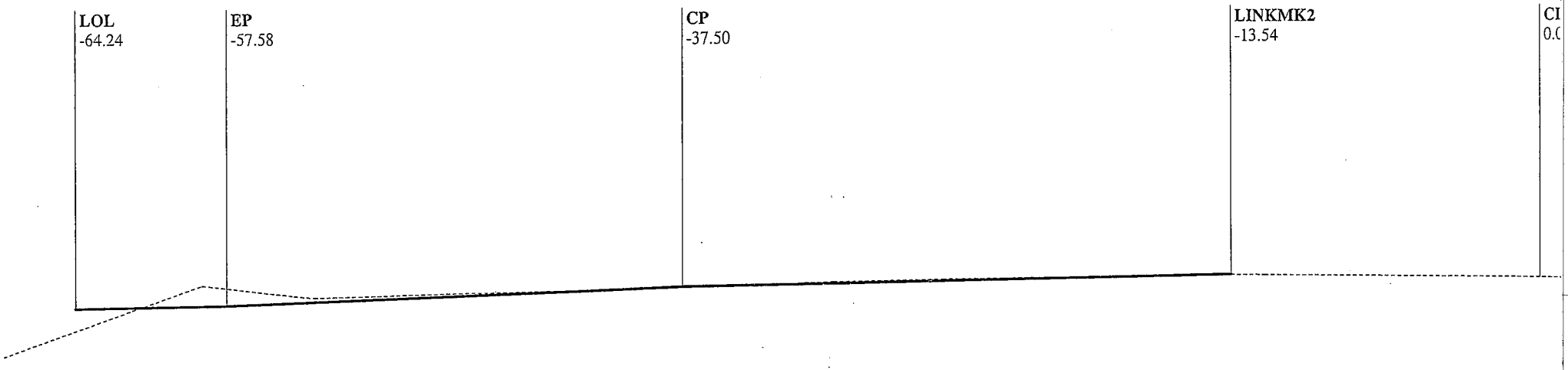


Alignment Chain CONSTCL1
Station: 159+25.00

LOL	EP	CP	LINKMK2	CL
-64.16	-57.50	-37.50	-13.56	0.00
13.95	14.08	14.86	15.23	15.06
-2.00%	-3.88%	-1.58%		
F 0.13	F 0.78	F 0.38	F 0.00	
@ 6.66	@ 20.00	@ 23.94	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM
November 1, 2011 10:40:06 AM

Station Range: 156+00.00 to 181+01.11
Project Units: US Survey Feet

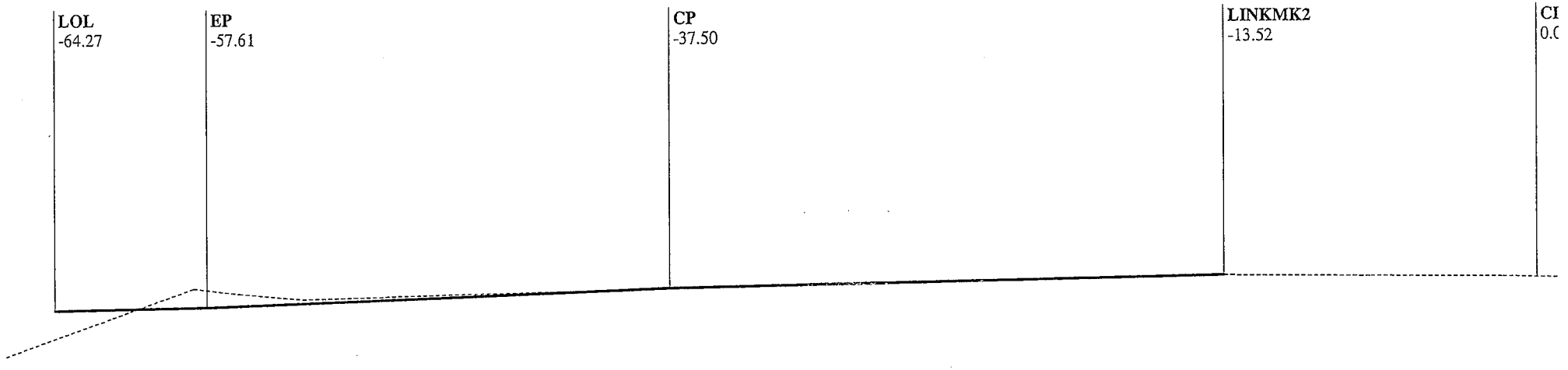


Alignment Chain CONSTCL1
Station: 159+50.00

LOL	EP	CP	LINKMK2	CL
-64.24	-57.58	-37.50	-13.54	0.00
13.93	14.06	14.85	15.24	15.06
-2.00%	-3.90%	-1.66%		
F 0.13	F 0.78	F 0.40	F 0.00	
@ 6.66	@ 20.08	@ 23.96	@ 0.00	

ıtion Range: 156+00.00 to 181+01.11
ɔject Units: US Survey Feet

SLOPE STAKE LISTING & DIAGRAM
November 1, 2011 10:40:06 AM



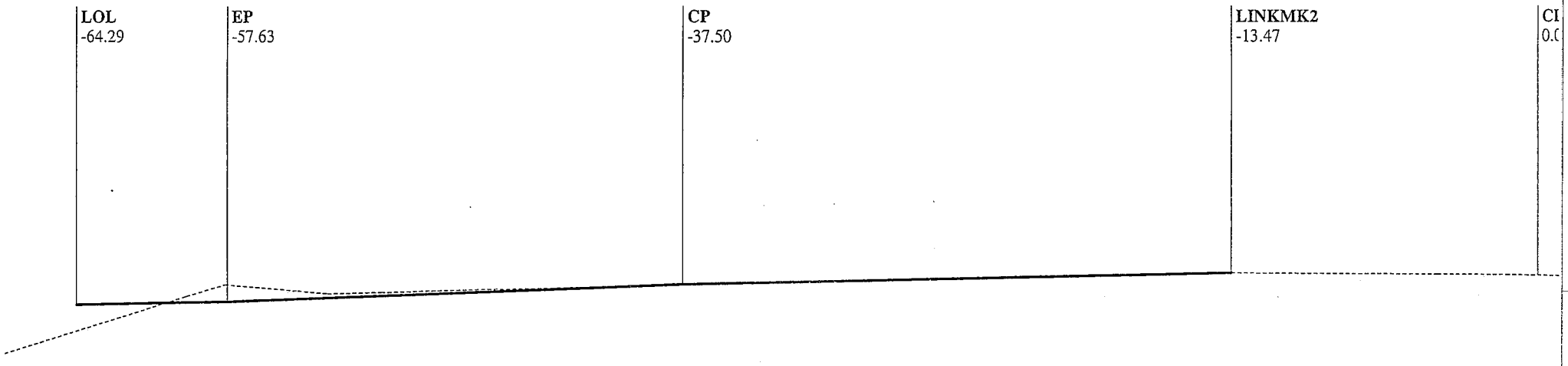
Alignment Chain CONSTCL1
Station: 159+75.00

LOL	EP	CP	LINKMK2	CL
-64.27	-57.61	-37.50	-13.52	0.00
13.91	14.05	14.83	15.24	15.09
-2.00%	-3.87%	-1.73%		
F 0.13	F 0.78	F 0.42	F 0.00	
@ 6.66	@ 20.11	@ 23.98	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM

Station Range: 156+00.00 to 181+01.11
Project Units: US Survey Feet

November 1, 2011 10:40:06 AM



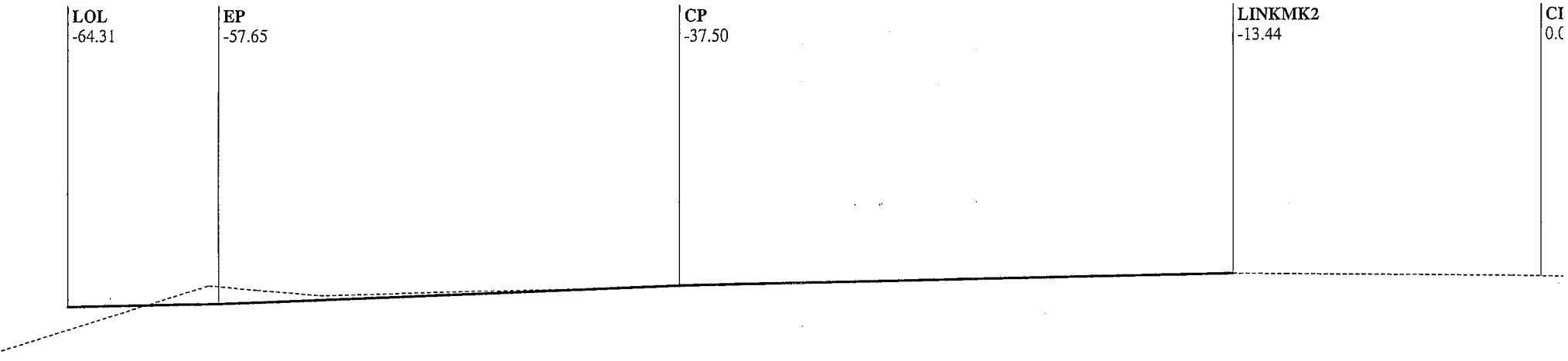
Alignment Chain CONSTCL1
Station: 160+00.00

LOL	EP	CP	LINKMK2	CL
-64.29	-57.63	-37.50	-13.47	0.00
13.90	14.03	14.79	15.24	15.11
-2.00%	-3.78%	-1.86%		
F 0.13	F 0.76	F 0.45	F 0.00	
@ 6.66	@ 20.13	@ 24.03	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM

November 1, 2011 10:40:06 AM

Station Range: 156+00.00 to 181+01.11
Project Units: US Survey Feet

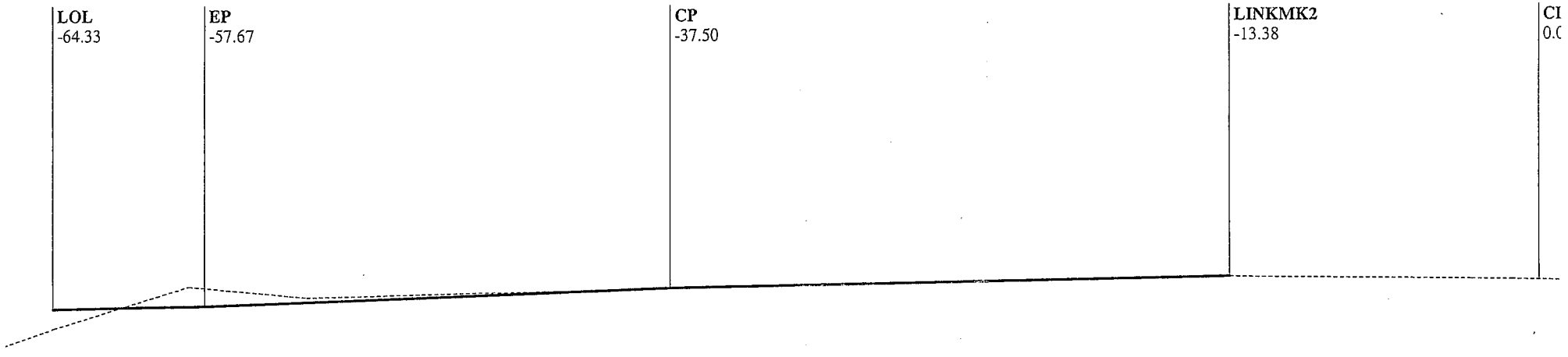


Alignment Chain CONSTCL1
Station: 160+25.00

LOL	EP	CP	LINKMK2	CL
-64.31	-57.65	-37.50	-13.44	0.00
13.88	14.01	14.79	15.23	15.08
-2.00%	-3.86%	-1.83%		
F 0.13	F 0.78	F 0.44	F 0.00	
@ 6.66	@ 20.15	@ 24.06	@ 0.00	

ıtion Range: 156+00.00 to 181+01.11
ɔject Units: US Survey Feet

SLOPE STAKE LISTING & DIAGRAM
November 1, 2011 10:40:06 AM



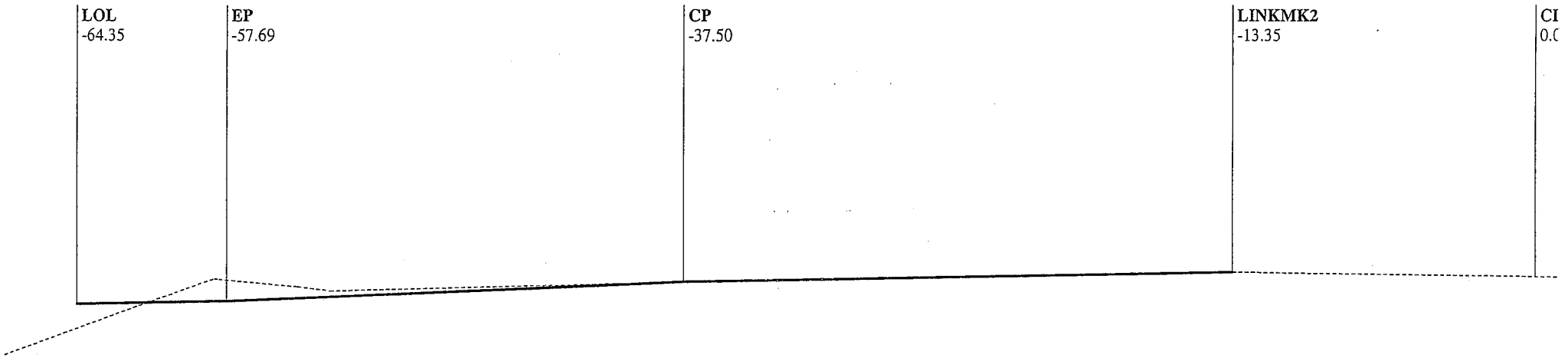
Alignment Chain CONSTCL1
Station: 160+50.00

LOL	EP	CP	LINKMK2	CL
-64.33	-57.67	-37.50	-13.38	0.00
13.86	14.00	14.79	15.22	15.03
-2.00%	-3.93%	-1.80%		
F 0.13	F 0.79	F 0.43	F 0.00	
@ 6.66	@ 20.17	@ 24.12	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM

Station Range: 156+00.00 to 181+01.11
Project Units: US Survey Feet

November 1, 2011 10:40:06 AM



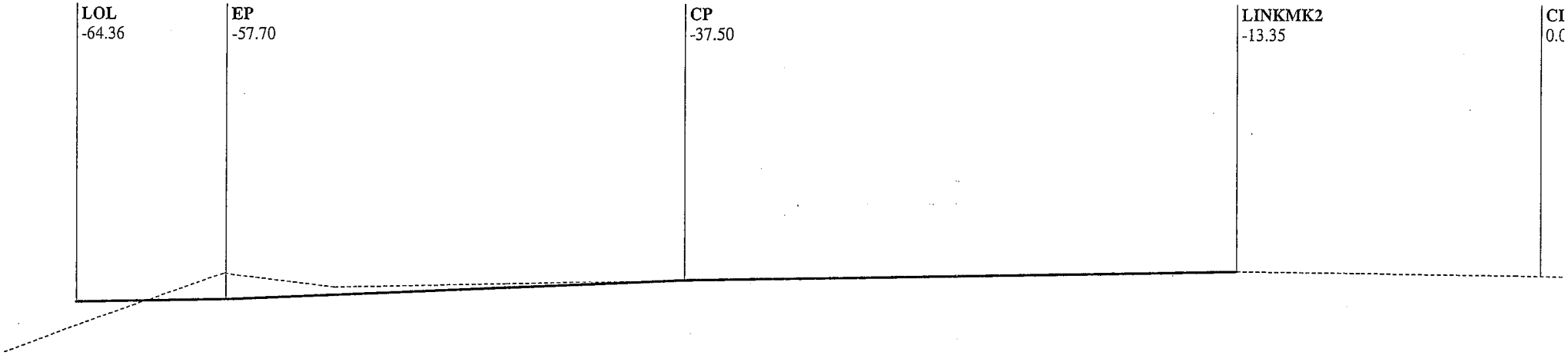
Alignment Chain CONSTCL1
Station: 160+75.00

LOL	EP	CP	LINKMK2	CL
-64.35	-57.69	-37.50	-13.35	0.00
13.85	13.98	14.83	15.22	15.00
-2.00%	-4.19%	-1.63%		
F 0.13	F 0.85	F 0.39	F 0.00	
@ 6.66	@ 20.19	@ 24.15	@ 0.00	

Station Range: 156+00.00 to 181+01.11
Project Units: US Survey Feet

SLOPE STAKE LISTING & DIAGRAM

November 1, 2011 10:40:06 AM



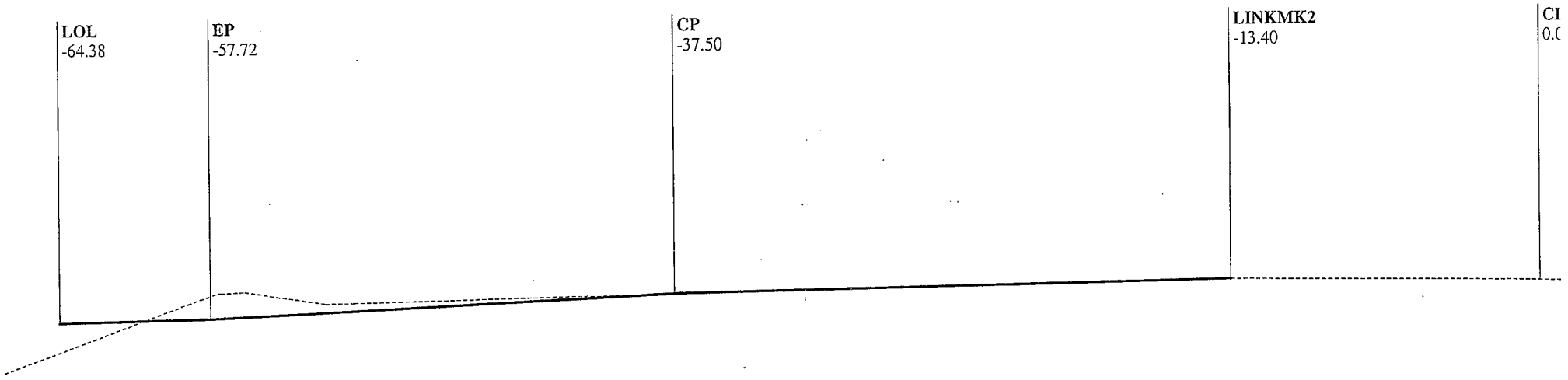
Alignment Chain CONSTCL1
Station: 161+00.00

LOL	EP	CP	LINKMK2	CL
-64.36	-57.70	-37.50	-13.35	0.00
13.83	13.96	14.85	15.22	14.99
-2.00%	-4.39%	-1.52%		
F 0.13	F 0.89	F 0.37	F 0.00	
@ 6.66	@ 20.20	@ 24.15	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM

November 1, 2011 10:40:06 AM

ation Range: 156+00.00 to 181+01.11
oject Units: US Survey Feet



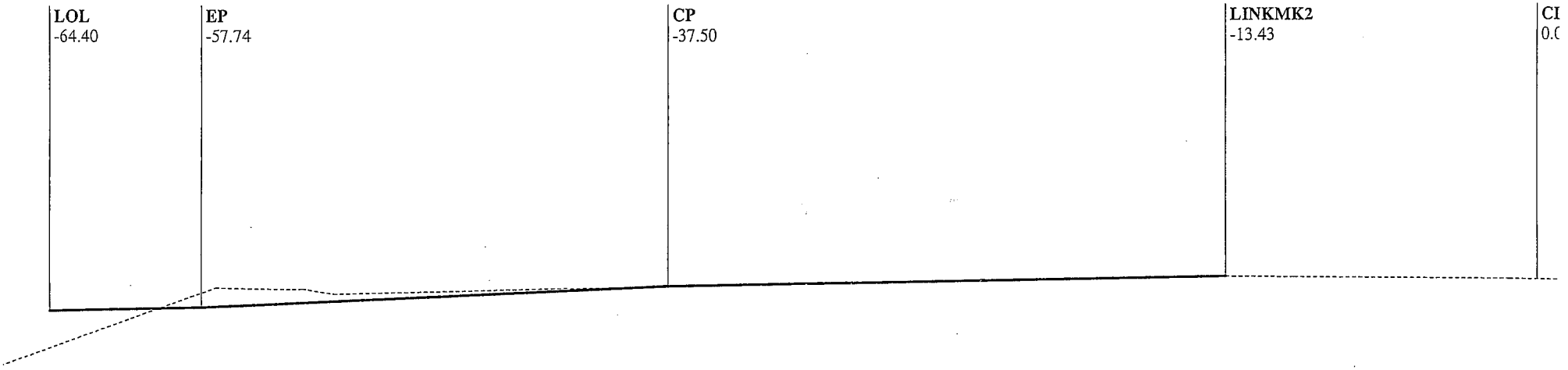
Alignment Chain CONSTCL1
Station: 161+25.00

LOL	EP	CP	LINKMK2	CL
-64.38	-57.72	-37.50	-13.40	0.00
13.81	13.95	14.86	15.21	15.00
-2.00%	-4.53%	-1.44%		
F 0.13	F 0.92	F 0.35	F 0.00	
@ 6.66	@ 20.22	@ 24.10	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM

ıtion Range: 156+00.00 to 181+01.11
ɔject Units: US Survey Feet

November 1, 2011 10:40:06 AM



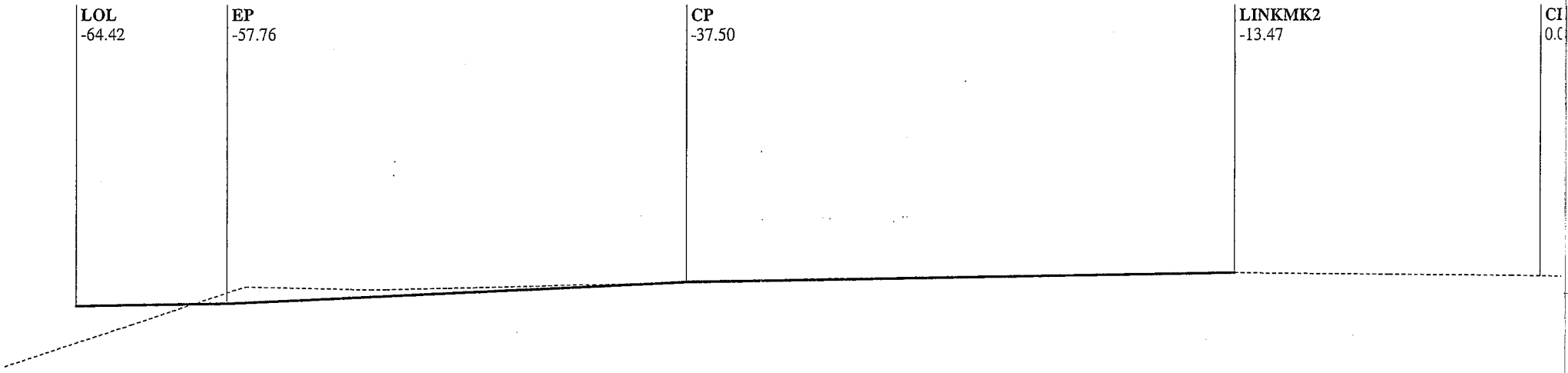
Alignment Chain CONSTCL1
Station: 161+50.00

LOL	EP	CP	LINKMK2	CL
-64.40	-57.74	-37.50	-13.43	0.00
13.79	13.93	14.84	15.20	15.02
-2.00%	-4.51%	-1.47%		
F 0.13	F 0.91	F 0.35	F 0.00	
@ 6.66	@ 20.24	@ 24.07	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM

Station Range: 156+00.00 to 181+01.11
Project Units: US Survey Feet

November 1, 2011 10:40:06 AM



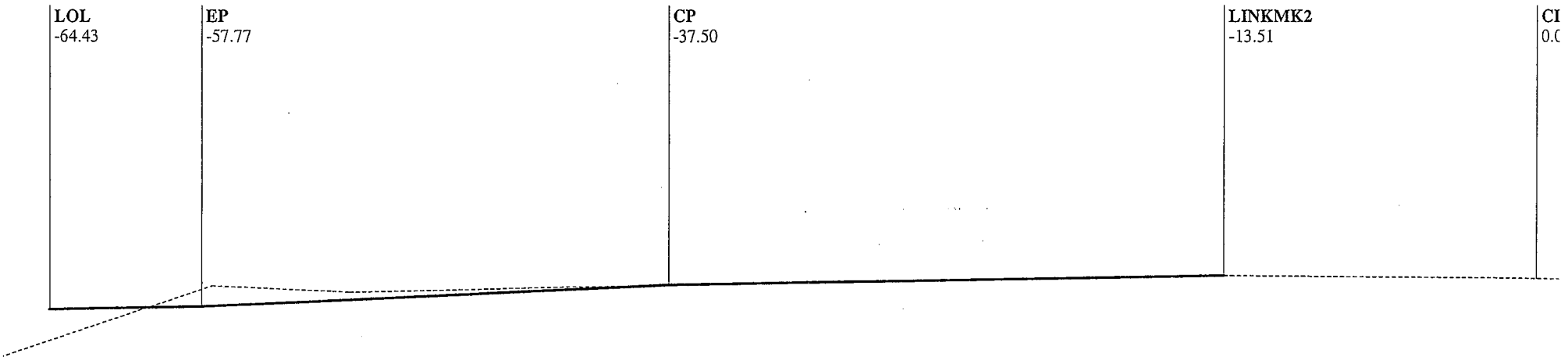
Alignment Chain CONSTCL1
Station: 161+75.00

LOL	EP	CP	LINKMK2	CL
-64.42	-57.76	-37.50	-13.47	0.00
13.78	13.91	14.84	15.19	15.03
-2.00%	-4.57%	-1.48%		
F 0.13	F 0.93	F 0.36	F 0.00	
@ 6.66	@ 20.26	@ 24.03	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM

ıtion Range: 156+00.00 to 181+01.11
›ject Units: US Survey Feet

November 1, 2011 10:40:06 AM



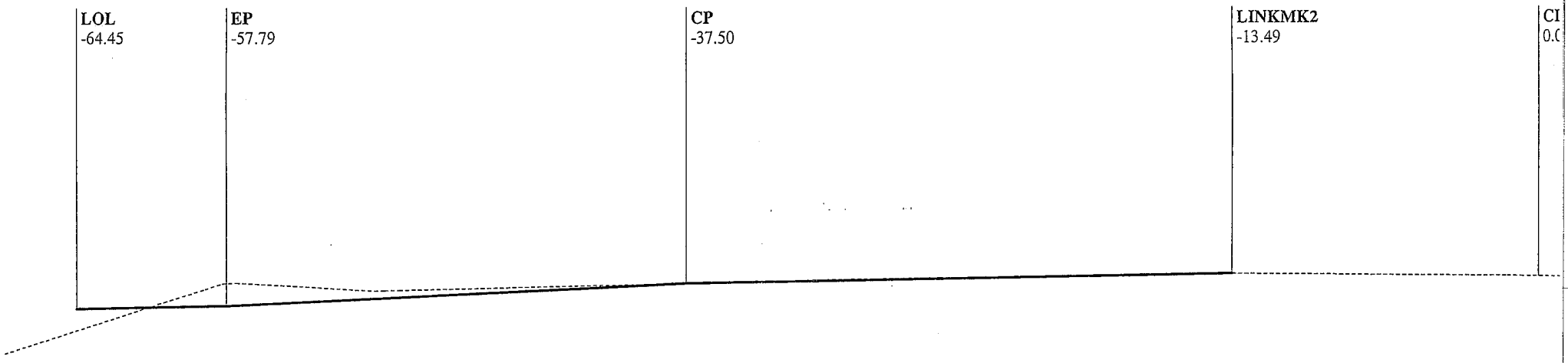
Alignment Chain CONSTCL1
Station: 162+00.00

LOL	EP	CP	LINKMK2	CL
-64.43	-57.77	-37.50	-13.51	0.00
13.76	13.89	14.84	15.20	15.05
-2.00%	-4.66%	-1.50%		
F 0.13	F 0.94	F 0.36	F 0.00	
@ 6.66	@ 20.27	@ 23.99	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM

Station Range: 156+00.00 to 181+01.11
Project Units: US Survey Feet

November 1, 2011 10:40:06 AM

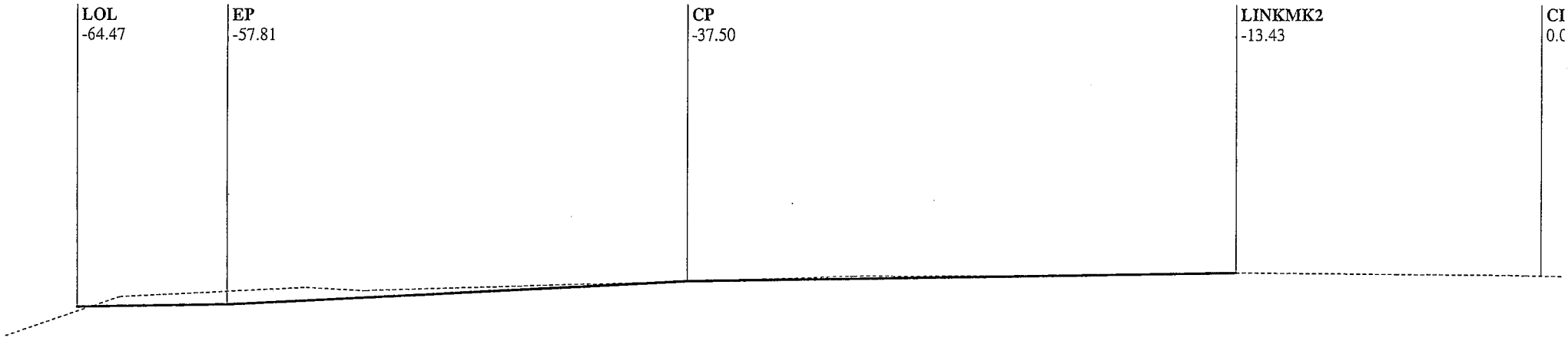


Alignment Chain CONSTCL1
Station: 162+25.00

LOL	EP	CP	LINKMK2	CL
-64.45	-57.79	-37.50	-13.49	0.00
13.74	13.88	14.85	15.21	15.06
-2.00%	-4.80%	-1.48%		
F 0.13	F 0.97	F 0.36	F 0.00	
@ 6.66	@ 20.29	@ 24.01	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM

Station Range: 156+00.00 to 181+01.11
November 1, 2011 10:40:06 AM
Project Units: US Survey Feet

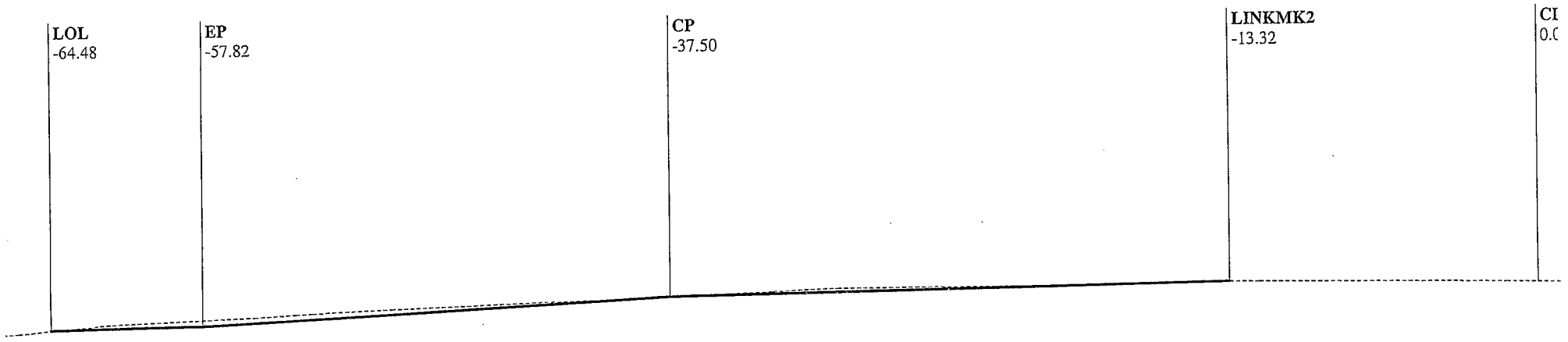


Alignment Chain CONSTCL1
Station: 162+50.00

LOL	EP	CP	LINKMK2	CL
-64.47	-57.81	-37.50	-13.43	0.00
13.73	13.86	14.89	15.22	15.06
-2.00%	-5.05%	-1.40%		
F 0.13	F 1.03	F 0.34	F 0.00	
@ 6.66	@ 20.31	@ 24.07	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM
November 1, 2011 10:40:06 AM

tion Range: 156+00.00 to 181+01.11
ject Units: US Survey Feet



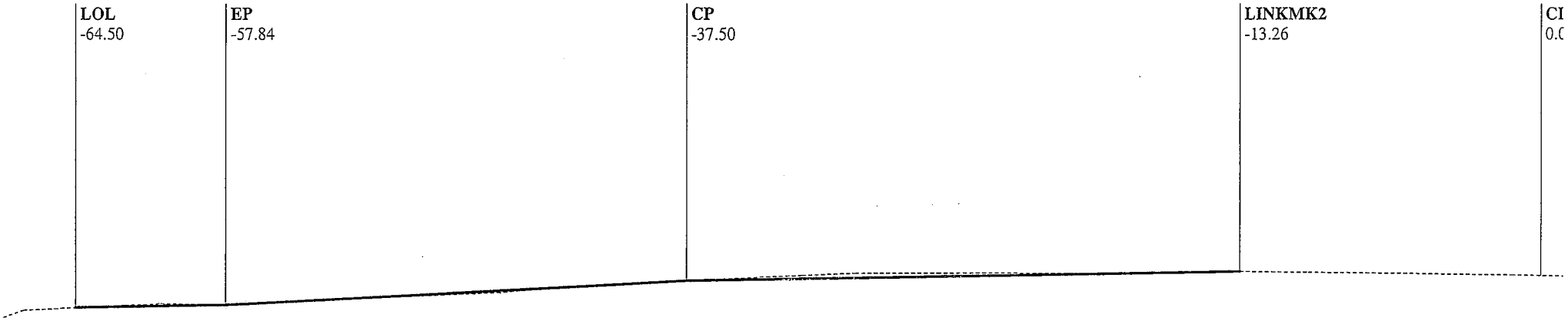
Alignment Chain CONSTCL1
Station: 162+75.00

LOL	EP	CP	LINKMK2	CL
-64.48	-57.82	-37.50	-13.32	0.00
13.71	13.84	14.92	15.24	15.06
-2.00%	-5.28%	-1.34%		
F 0.13	F 1.07	F 0.32	F 0.00	
@ 6.66	@ 20.32	@ 24.18	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM

Station Range: 156+00.00 to 181+01.11
Project Units: US Survey Feet

November 1, 2011 10:40:06 AM



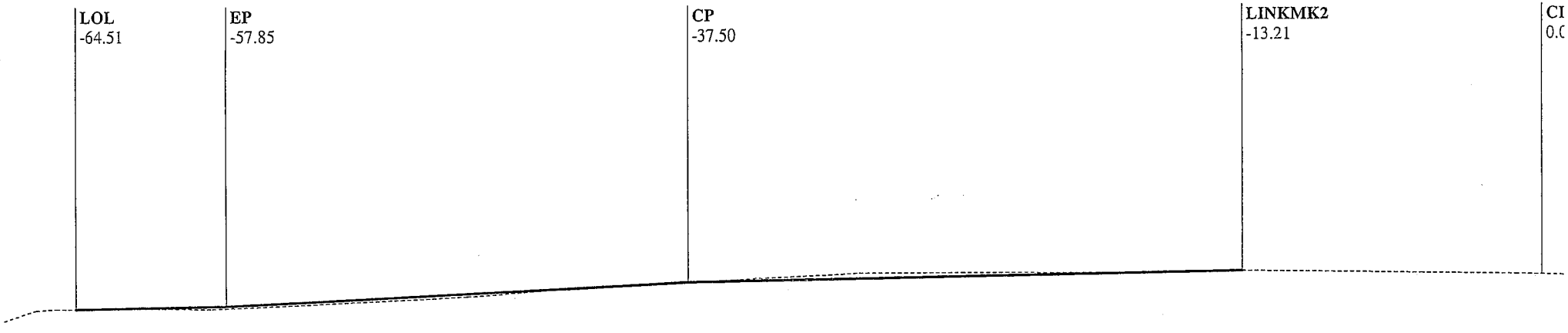
Alignment Chain CONSTCL1
Station: 163+00.00

LOL	EP	CP	LINKMK2	CL
-64.50	-57.84	-37.50	-13.26	0.00
13.69	13.83	14.89	15.26	15.07
-2.00%	-5.24%	-1.51%		
F 0.13	F 1.07	F 0.37	F 0.00	
@ 6.66	@ 20.34	@ 24.24	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM

Station Range: 156+00.00 to 181+01.11
Project Units: US Survey Feet

November 1, 2011 10:40:06 AM

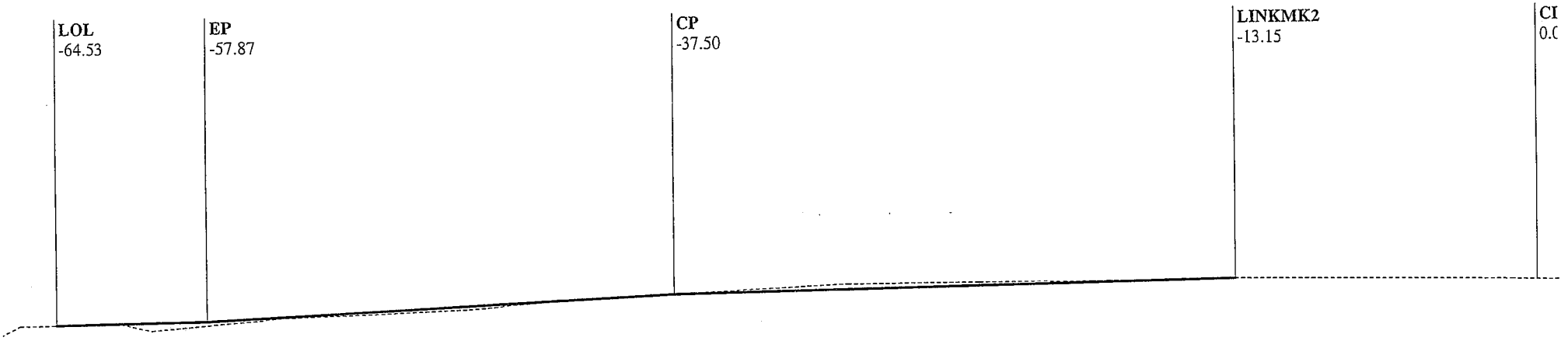


Alignment Chain CONSTCL1
Station: 163+25.00

LOL	EP	CP	LINKMK2	CL
-64.51	-57.85	-37.50	-13.21	0.00
13.73	13.86	14.88	15.28	15.08
-2.00%	-4.99%	-1.65%		
F 0.13	F 1.01	F 0.40	F 0.00	
@ 6.66	@ 20.35	@ 24.29	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM
November 1, 2011 10:40:06 AM

ıtion Range: 156+00.00 to 181+01.11
ɔject Units: US Survey Feet

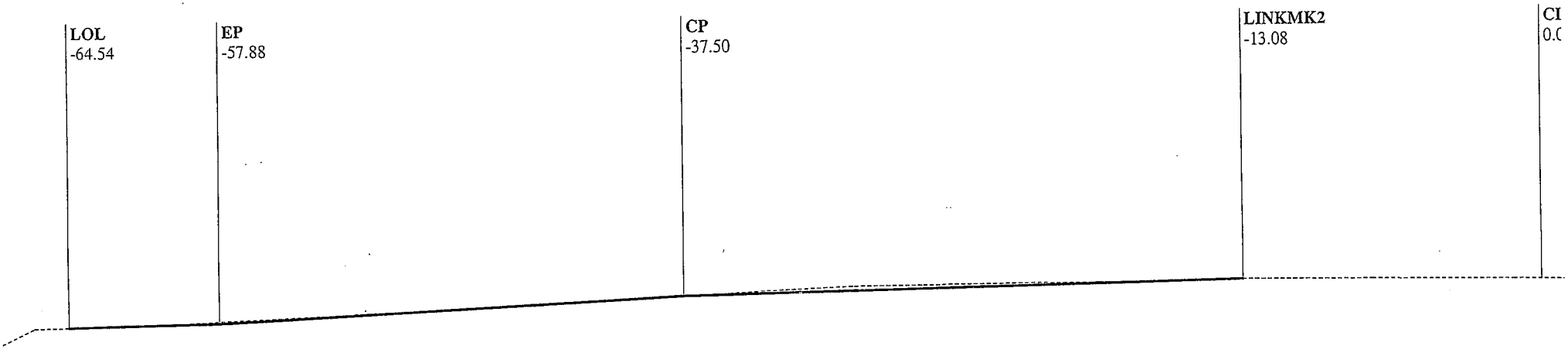


Alignment Chain CONSTCL1
Station: 163+50.00

LOL	EP	CP	LINKMK2	CL
-64.53	-57.87	-37.50	-13.15	0.00
13.73	13.87	14.88	15.29	15.10
-2.00%	-4.95%	-1.69%		
F 0.13	F 1.01	F 0.41	F 0.00	
@ 6.66	@ 20.37	@ 24.35	@ 0.00	

tation Range: 156+00.00 to 181+01.11
roject Units: US Survey Feet

SLOPE STAKE LISTING & DIAGRAM
November 1, 2011 10:40:06 AM



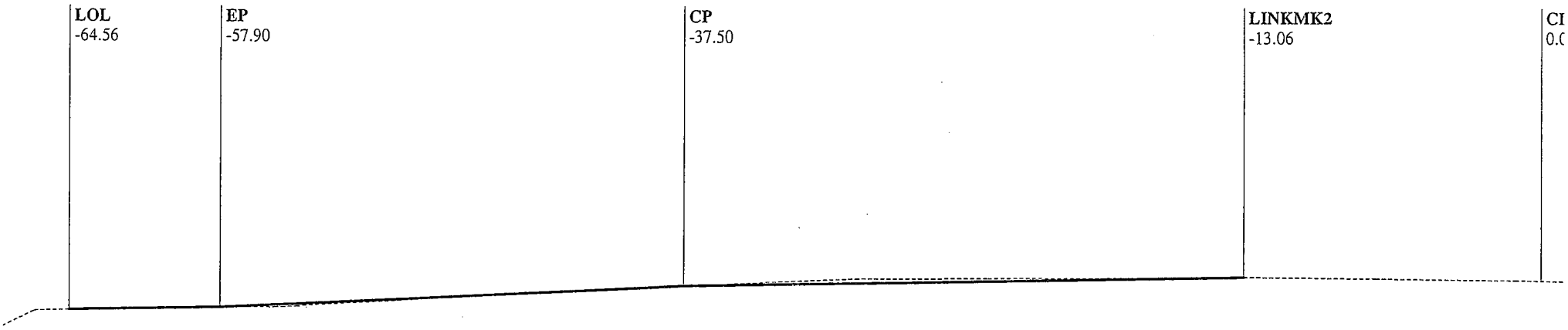
Alignment Chain CONSTCL1
Station: 163+75.00

LOL	EP	CP	LINKMK2	CL
-64.54	-57.88	-37.50	-13.08	0.00
13.74	13.87	14.87	15.29	15.13
-2.00%	-4.88%	-1.73%		
F 0.13	F 0.99	F 0.42	F 0.00	
@ 6.66	@ 20.38	@ 24.42	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM

Station Range: 156+00.00 to 181+01.11
Project Units: US Survey Feet

November 1, 2011 10:40:06 AM



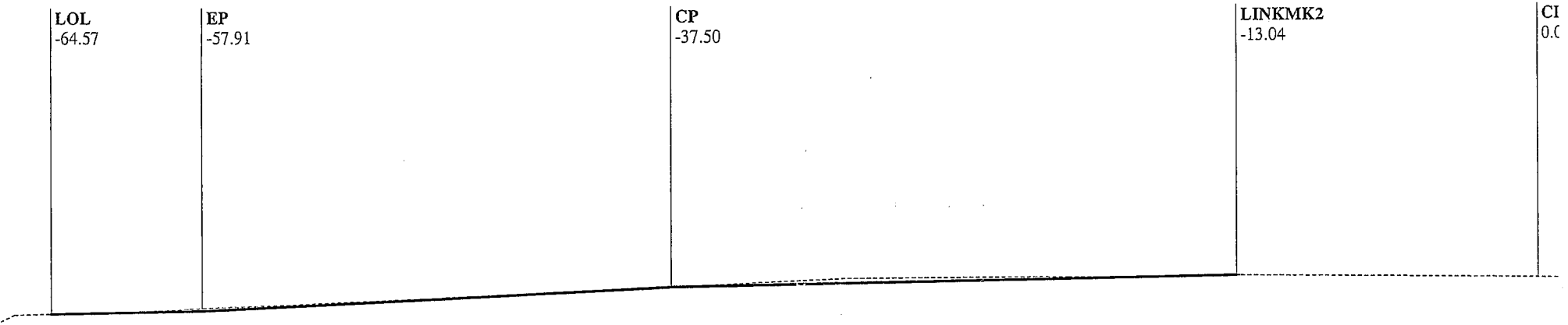
Alignment Chain CONSTCL1
Station: 164+00.00

LOL	EP	CP	LINKMK2	CL
-64.56	-57.90	-37.50	-13.06	0.00
13.76	13.89	14.88	15.30	15.14
-2.00%	-4.83%	-1.72%		
F 0.13	F 0.99	F 0.42	F 0.00	
@ 6.66	@ 20.40	@ 24.44	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM

ıtion Range: 156+00.00 to 181+01.11
ɔject Units: US Survey Feet

November 1, 2011 10:40:06 AM



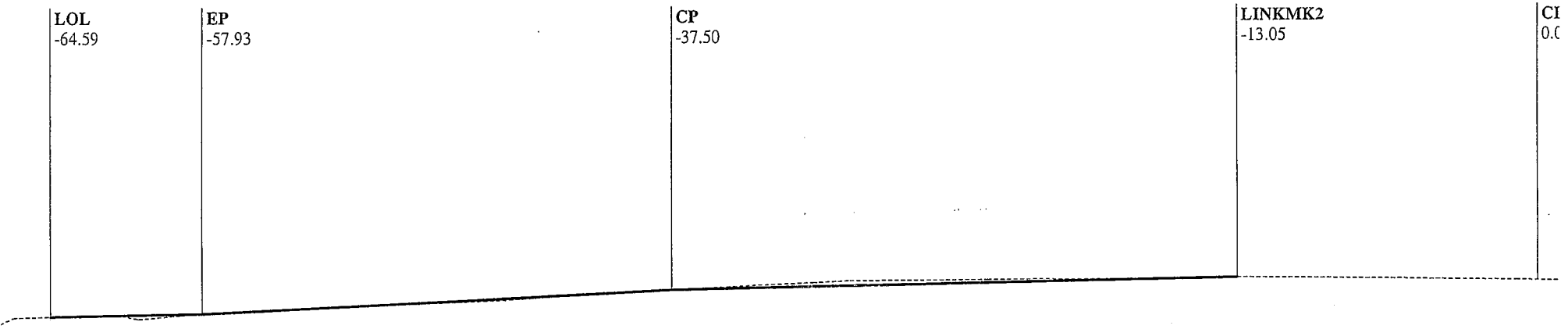
Alignment Chain CONSTCL1
Station: 164+25.00

LOL	EP	CP	LINKMK2	CL
-64.57	-57.91	-37.50	-13.04	0.00
13.77	13.90	14.90	15.31	15.14
-2.00%	-4.88%	-1.68%		
F 0.13	F 1.00	F 0.41	F 0.00	
@ 6.66	@ 20.41	@ 24.46	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM

November 1, 2011 10:40:06 AM

ıtion Range: 156+00.00 to 181+01.11
ɔject Units: US Survey Feet



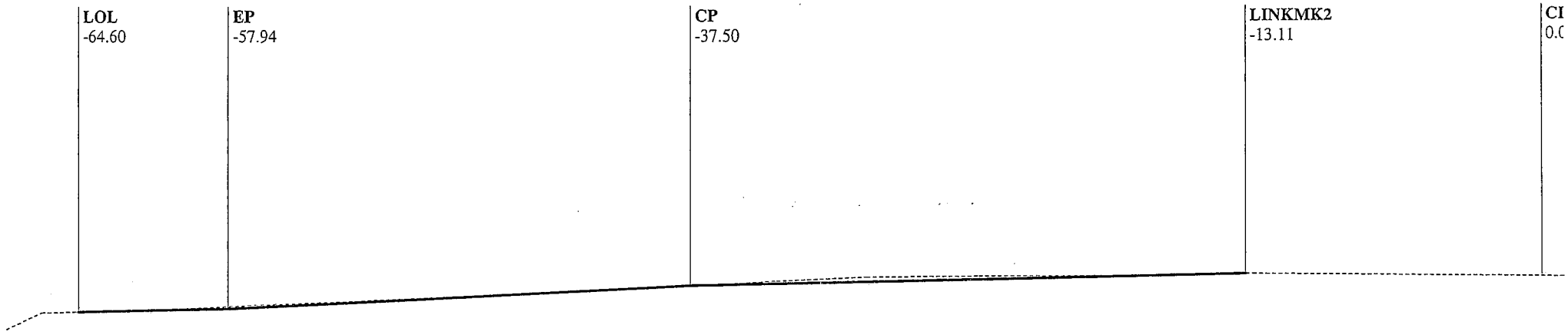
Alignment Chain CONSTCL1
Station: 164+50.00

LOL	EP	CP	LINKMK2	CL
-64.59	-57.93	-37.50	-13.05	0.00
13.77	13.90	14.91	15.33	15.15
-2.00%	-4.92%	-1.73%		
F 0.13	F 1.00	F 0.42	F 0.00	
@ 6.66	@ 20.43	@ 24.45	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM

Station Range: 156+00.00 to 181+01.11
Project Units: US Survey Feet

November 1, 2011 10:40:06 AM

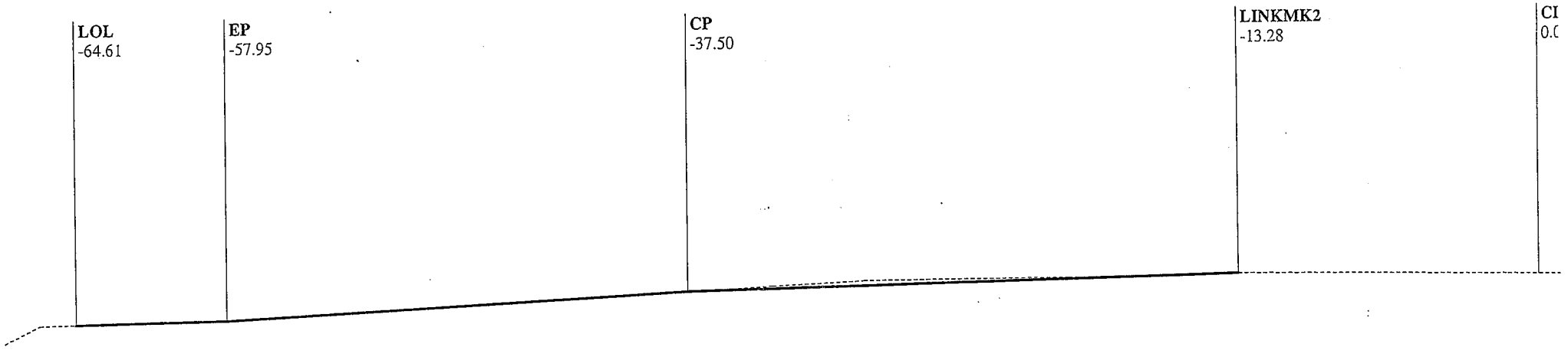


Alignment Chain CONSTCL1
Station: 164+75.00

LOL	EP	CP	LINKMK2	CL
-64.60	-57.94	-37.50	-13.11	0.00
13.76	13.89	14.91	15.37	15.17
-2.00%	-5.01%	-1.88%		
F 0.13	F 1.02	F 0.46	F 0.00	
@ 6.66	@ 20.44	@ 24.39	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM
November 1, 2011 10:40:06 AM

Station Range: 156+00.00 to 181+01.11
Project Units: US Survey Feet



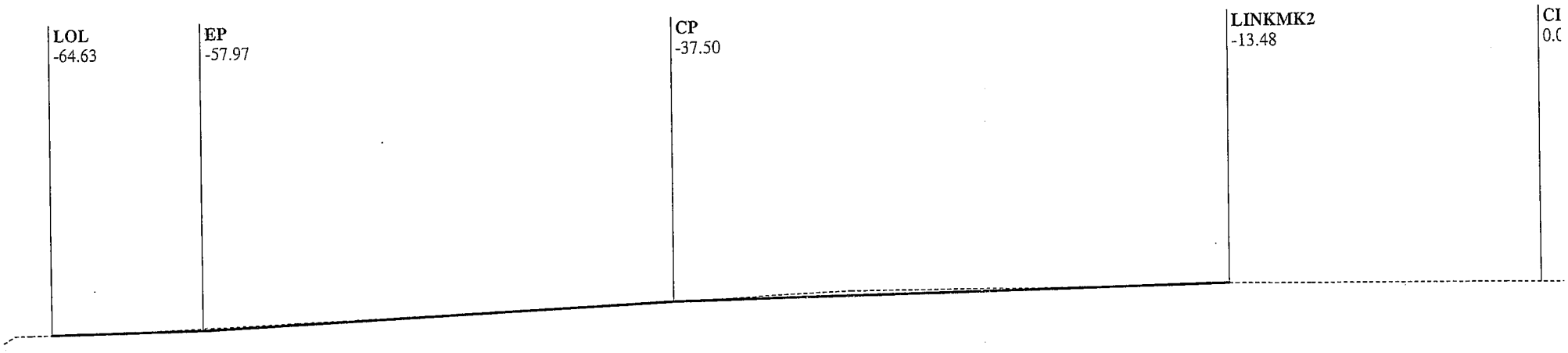
Alignment Chain CONSTCL1
Station: 165+00.00

LOL	EP	CP	LINKMK2	CL
-64.61	-57.95	-37.50	-13.28	0.00
13.73	13.87	14.92	15.39	15.21
-2.00%	-5.14%	-1.94%		
F 0.13	F 1.05	F 0.47	F 0.00	
@ 6.66	@ 20.45	@ 24.22	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM

November 1, 2011 10:40:06 AM

tion Range: 156+00.00 to 181+01.11
ject Units: US Survey Feet



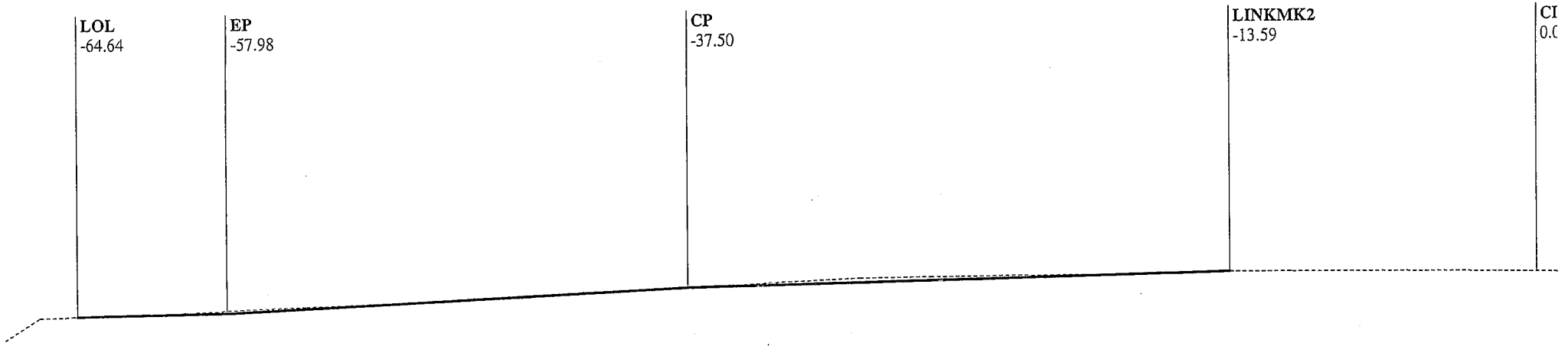
Alignment Chain CONSTCL1
Station: 165+25.00

LOL	EP	CP	LINKMK2	CL
-64.63	-57.97	-37.50	-13.48	0.00
13.76	13.89	14.93	15.39	15.24
-2.00%	-5.06%	-1.91%		
F 0.13	F 1.04	F 0.46	F 0.00	
@ 6.66	@ 20.47	@ 24.02	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM

November 1, 2011 10:40:06 AM

Station Range: 156+00.00 to 181+01.11
Project Units: US Survey Feet

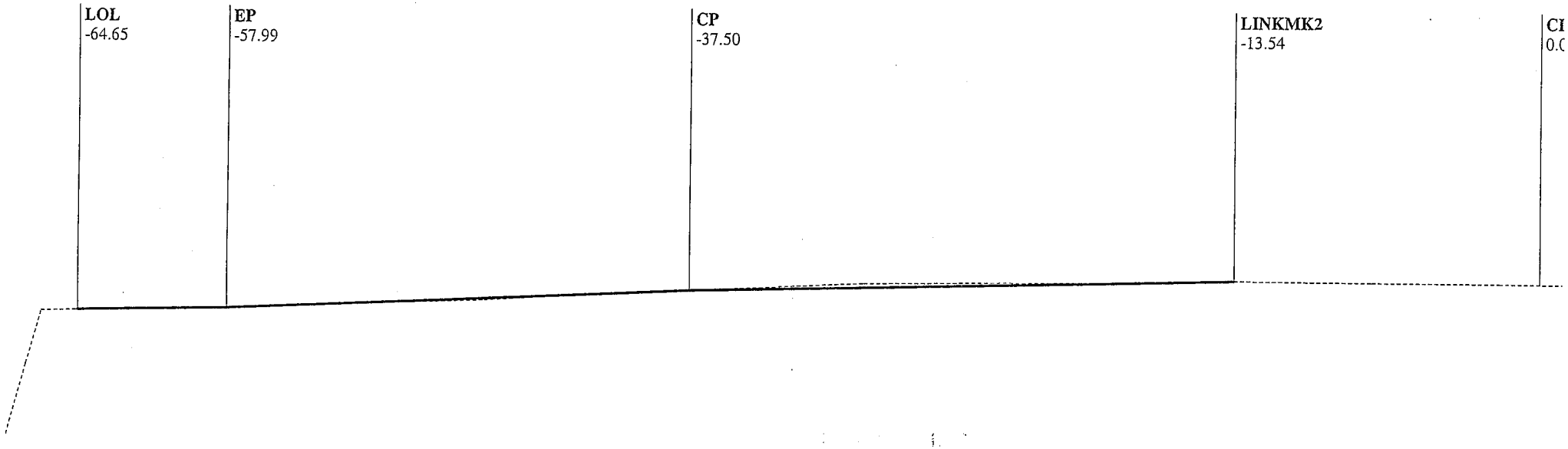


Alignment Chain CONSTCL1
Station: 165+50.00

LOL	EP	CP	LINKMK2	CL
-64.64	-57.98	-37.50	-13.59	0.00
13.82	13.95	14.93	15.39	15.27
-2.00%	-4.77%	-1.94%		
F 0.13	F 0.98	F 0.46	F 0.00	
@ 6.66	@ 20.48	@ 23.91	@ 0.00	

Station Range: 156+00.00 to 181+01.11
Project Units: US Survey Feet

SLOPE STAKE LISTING & DIAGRAM
November 1, 2011 10:40:06 AM



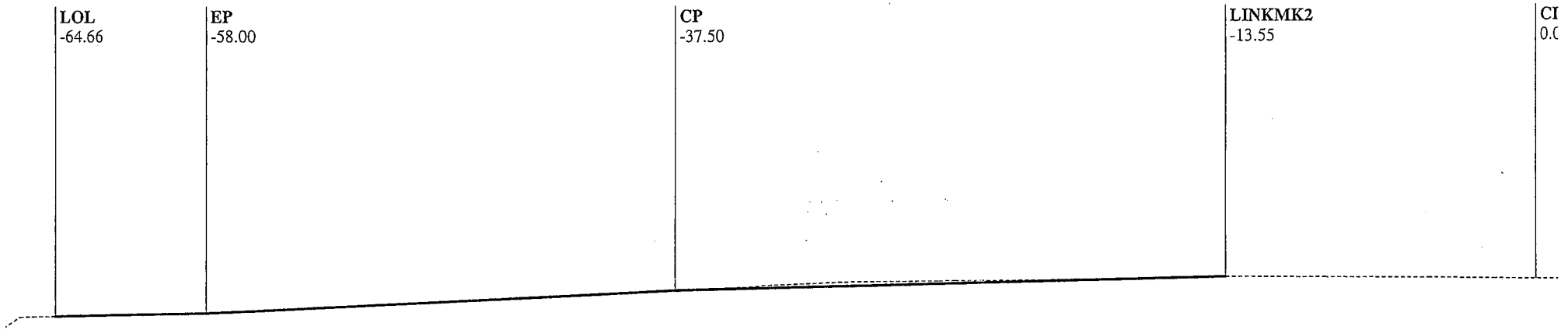
Alignment Chain CONSTCL1
Station: 165+75.00

LOL	EP	CP	LINKMK2	CL
-64.65	-57.99	-37.50	-13.54	0.00
13.82	13.96	14.90	15.41	15.27
-2.00%	-4.59%	-2.14%		
F 0.13	F 0.94	F 0.51	F 0.00	
@ 6.66	@ 20.49	@ 23.96	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM

ation Range: 156+00.00 to 181+01.11
oject Units: US Survey Feet

November 1, 2011 10:40:06 AM

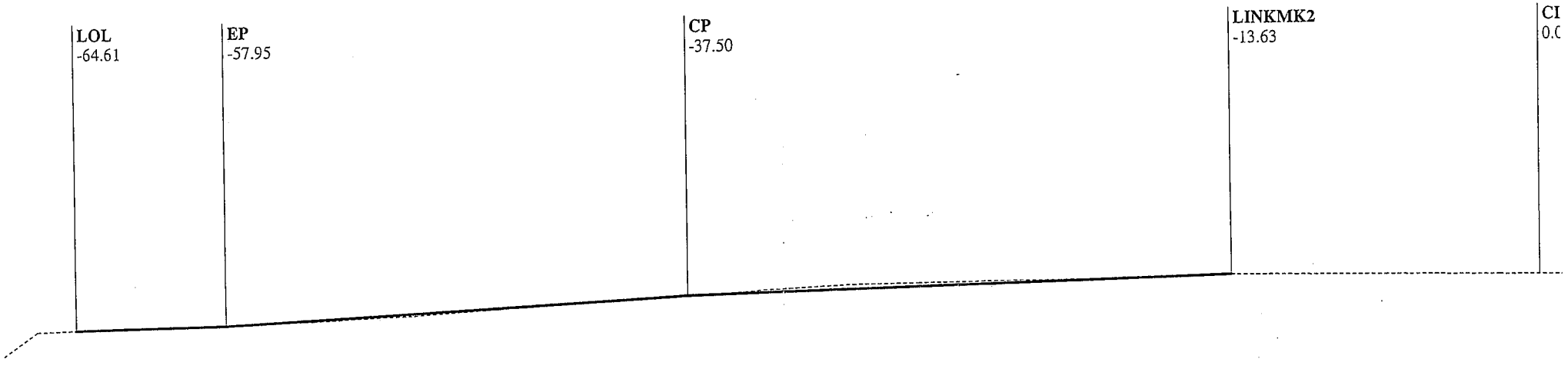


Alignment Chain CONSTCL1
Station: 166+00.00

LOL	EP	CP	LINKMK2	CL
-64.66	-58.00	-37.50	-13.55	0.00
13.75	13.89	14.88	15.42	15.26
-2.00%	-4.85%	-2.24%		
F 0.13	F 0.99	F 0.54	F 0.00	
@ 6.66	@ 20.50	@ 23.95	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM
November 1, 2011 10:40:06 AM

Station Range: 156+00.00 to 181+01.11
Project Units: US Survey Feet



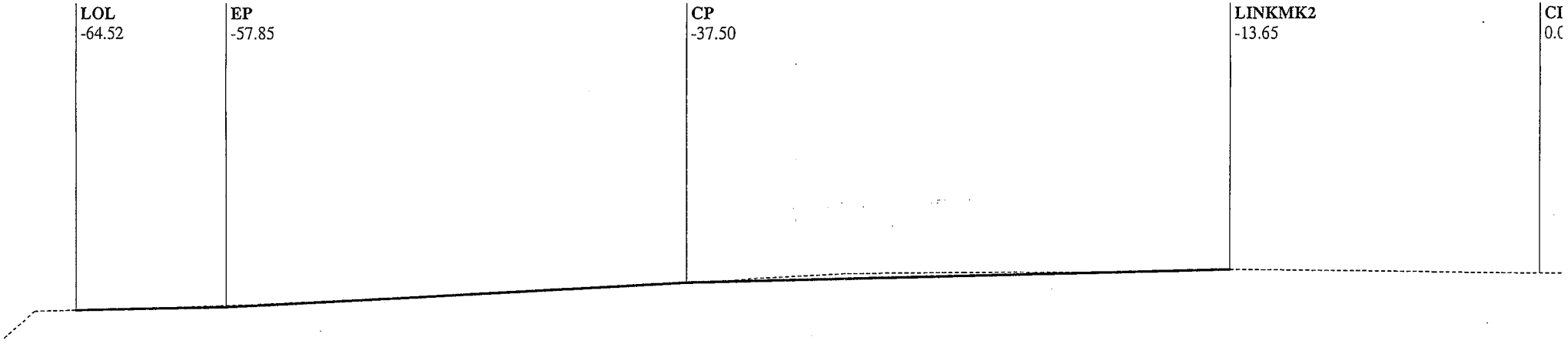
Alignment Chain CONSTCL1
Station: 166+25.00

LOL	EP	CP	LINKMK2	CL
-64.61	-57.95	-37.50	-13.63	0.00
13.71	13.85	14.88	15.41	15.23
-2.00%	-5.05%	-2.23%		
F 0.13	F 1.03	F 0.53	F 0.00	
@ 6.66	@ 20.45	@ 23.87	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM

Station Range: 156+00.00 to 181+01.11
Project Units: US Survey Feet

November 1, 2011 10:40:06 AM



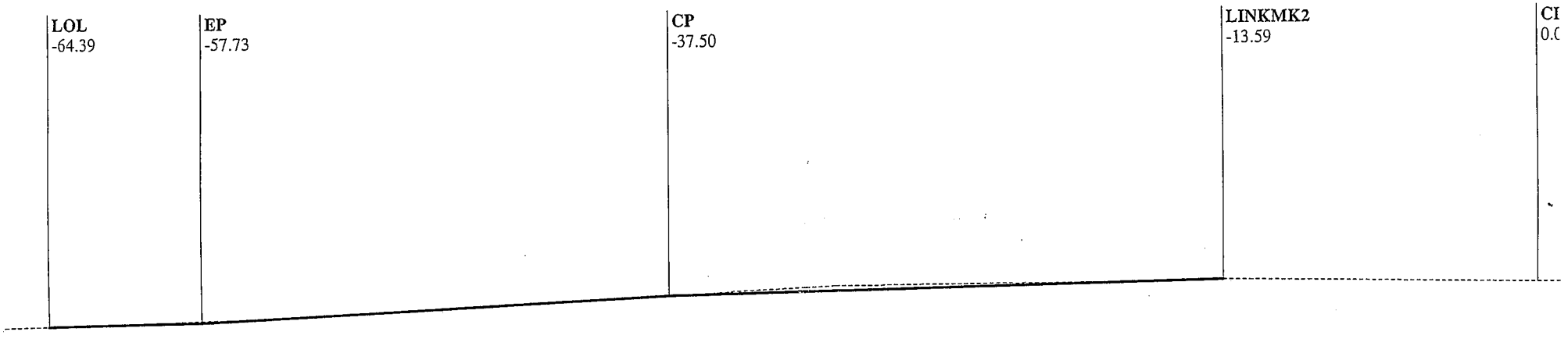
Alignment Chain CONSTCL1
Station: 166+50.00

LOL	EP	CP	LINKMK2	CL
-64.52	-57.85	-37.50	-13.65	0.00
13.68	13.82	14.89	15.40	15.20
-2.00%	-5.25%	-2.17%		
F 0.13	F 1.07	F 0.52	F 0.00	
@ 6.66	@ 20.35	@ 23.85	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM

November 1, 2011 10:40:06 AM

tion Range: 156+00.00 to 181+01.11
ject Units: US Survey Feet

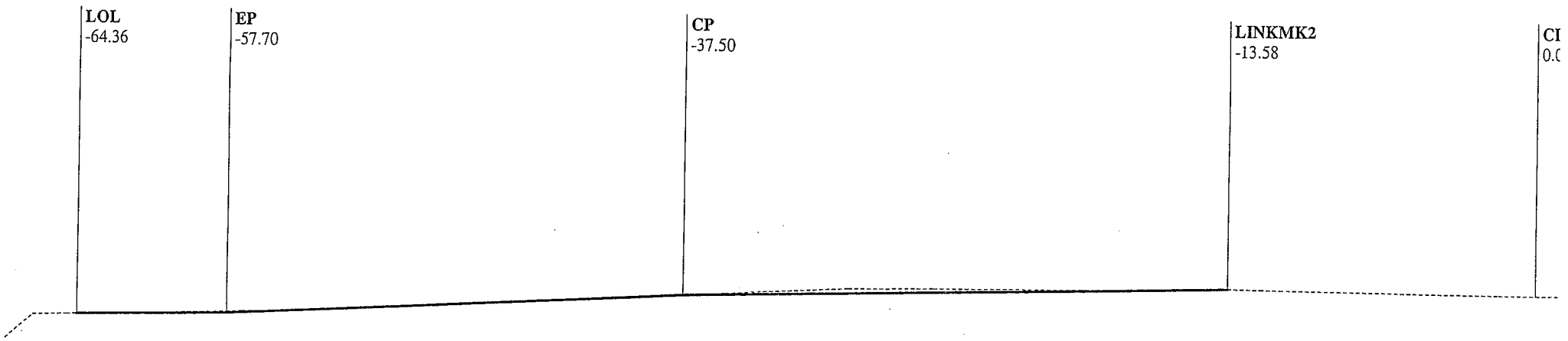


Alignment Chain CONSTCL1
Station: 166+70.85

LOL	EP	CP	LINKMK2	CL
-64.39	-57.73	-37.50	-13.59	0.00
13.69	13.82	14.89	15.39	15.18
-2.00%	-5.26%	-2.12%		
F 0.13	F 1.06	F 0.51	F 0.00	
@ 6.66	@ 20.23	@ 23.91	@ 0.00	

Station Range: 156+00.00 to 181+01.11
Project Units: US Survey Feet

SLOPE STAKE LISTING & DIAGRAM
November 1, 2011 10:40:06 AM

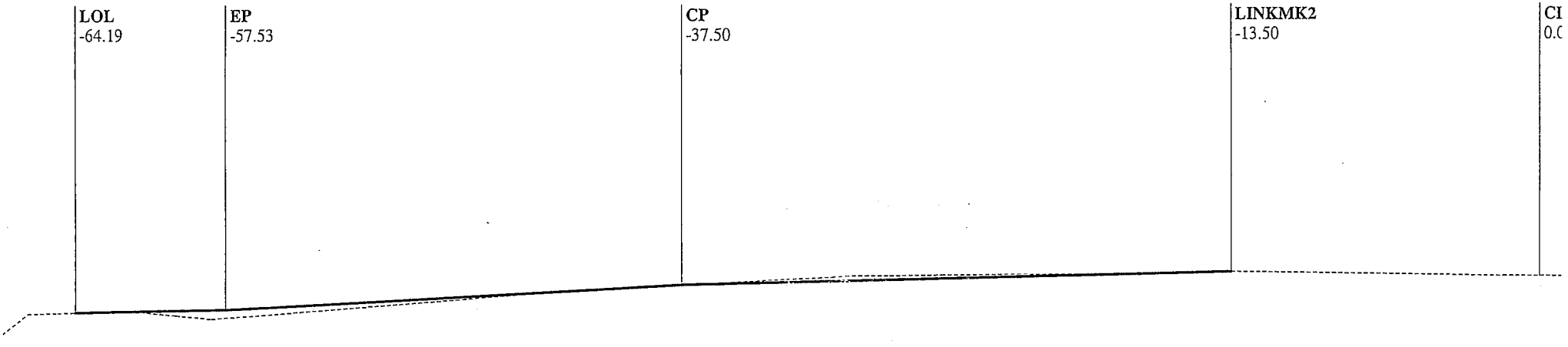


Alignment Chain CONSTCL1
Station: 166+75.00

LOL	EP	CP	LINKMK2	CL
-64.36	-57.70	-37.50	-13.58	0.00
13.69	13.82	14.89	15.39	15.17
-2.00%	-5.26%	-2.12%		
F 0.13	F 1.06	F 0.51	F 0.00	
@ 6.66	@ 20.20	@ 23.92	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM
November 1, 2011 10:40:06 AM

Station Range: 156+00.00 to 181+01.11
Project Units: US Survey Feet



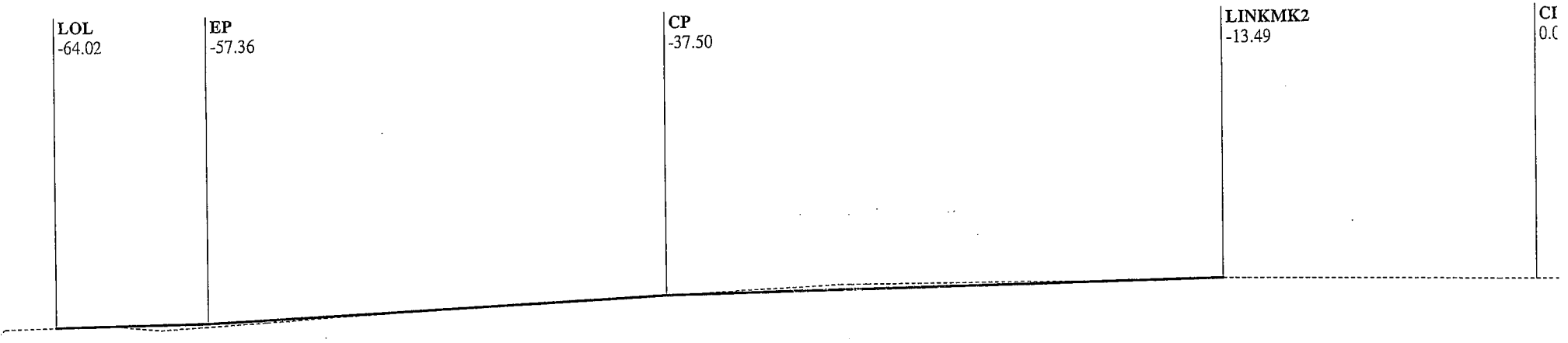
Alignment Chain CONSTCL1
Station: 167+00.00

LOL	EP	CP	LINKMK2	CL
-64.19	-57.53	-37.50	-13.50	0.00
13.70	13.83	14.90	15.39	15.15
-2.00%	-5.29%	-2.04%		
F 0.13	F 1.06	F 0.49	F 0.00	
@ 6.66	@ 20.03	@ 24.00	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM

November 1, 2011 10:40:06 AM

ation Range: 156+00.00 to 181+01.11
oject Units: US Survey Feet

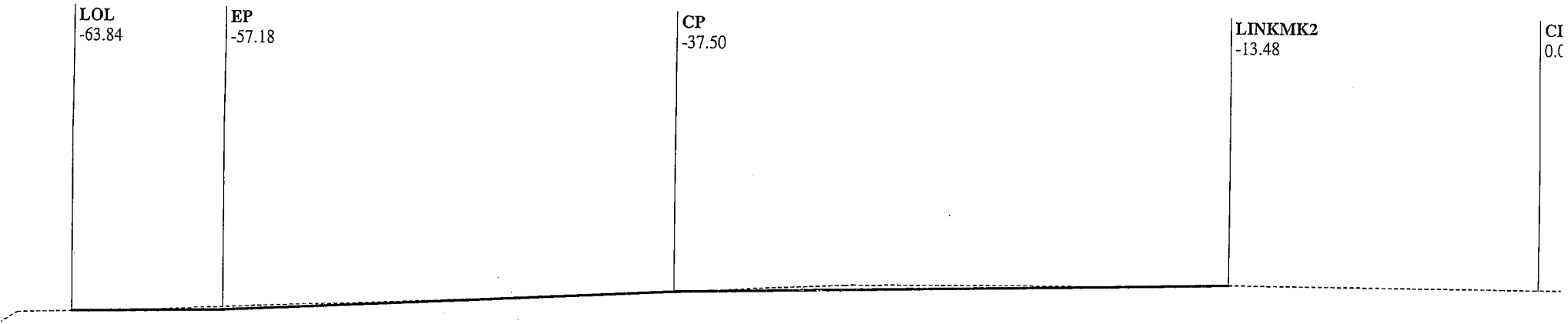


Alignment Chain CONSTCL1
Station: 167+25.00

LOL	EP	CP	LINKMK2	CL
-64.02	-57.36	-37.50	-13.49	0.00
13.71	13.85	14.90	15.39	15.20
-2.00%	-5.33%	-2.03%		
F 0.13	F 1.06	F 0.49	F 0.00	
@ 6.66	@ 19.86	@ 24.01	@ 0.00	

Station Range: 156+00.00 to 181+01.11
Project Units: US Survey Feet

SLOPE STAKE LISTING & DIAGRAM
November 1, 2011 10:40:06 AM



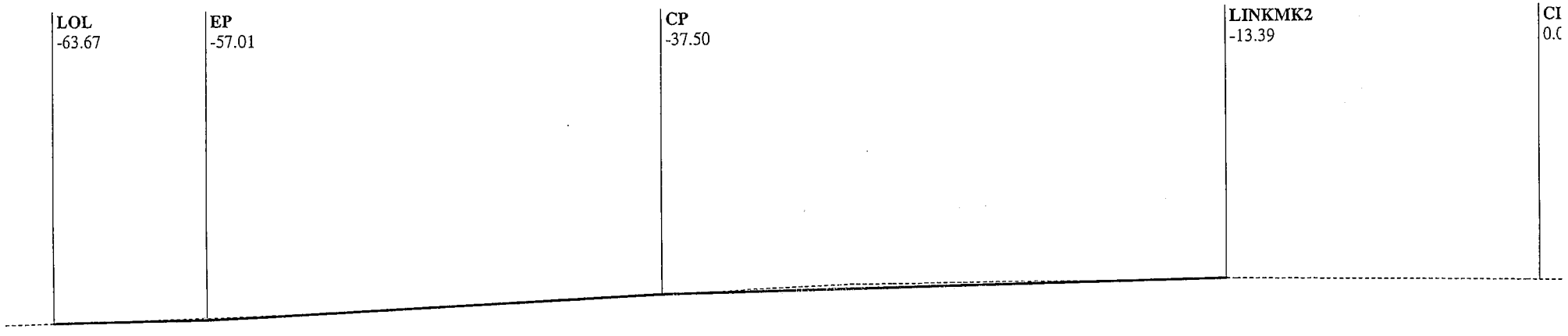
Alignment Chain CONSTCL1
Station: 167+50.00

LOL	EP	CP	LINKMK2	CL
-63.84	-57.18	-37.50	-13.48	0.00
13.72	13.86	14.89	15.40	15.25
-2.00%	-5.25%	-2.13%		
F 0.13	F 1.03	F 0.51	F 0.00	
@ 6.66	@ 19.68	@ 24.02	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM

.tion Range: 156+00.00 to 181+01.11
)ject Units: US Survey Feet

November 1, 2011 10:40:06 AM

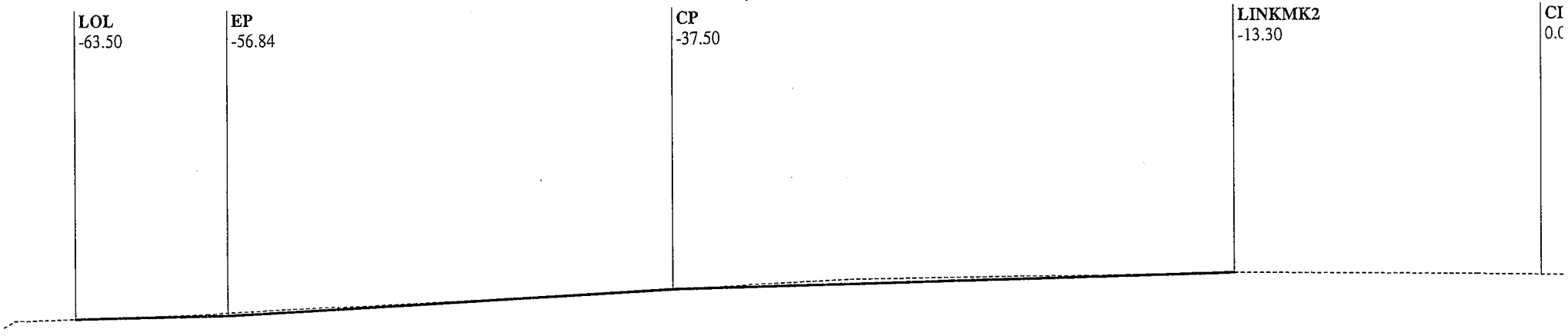


Alignment Chain CONSTCL1
Station: 167+75.00

LOL	EP	CP	LINKMK2	CL
-63.67	-57.01	-37.50	-13.39	0.00
13.73	13.86	14.88	15.41	15.26
-2.00%	-5.20%	-2.23%		
F 0.13	F 1.02	F 0.54	F 0.00	
@ 6.66	@ 19.51	@ 24.11	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM
November 1, 2011 10:40:06 AM

Station Range: 156+00.00 to 181+01.11
Project Units: US Survey Feet



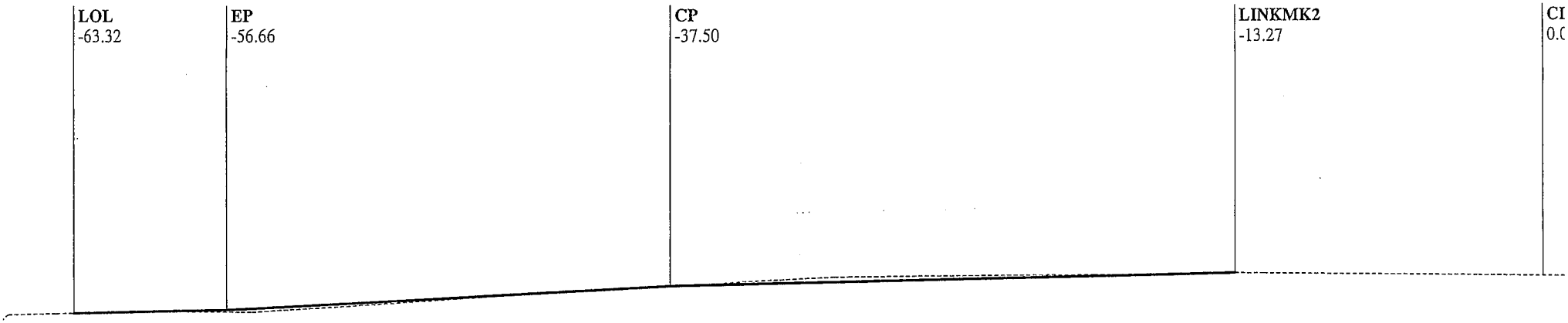
Alignment Chain CONSTCL1
Station: 168+00.00

LOL	EP	CP	LINKMK2	CL
-63.50	-56.84	-37.50	-13.30	0.00
13.73	13.87	14.89	15.43	15.26
-2.00%	-5.30%	-2.22%		
F 0.13	F 1.02	F 0.54	F 0.00	
@ 6.66	@ 19.34	@ 24.20	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM

Station Range: 156+00.00 to 181+01.11
Project Units: US Survey Feet

November 1, 2011 10:40:06 AM

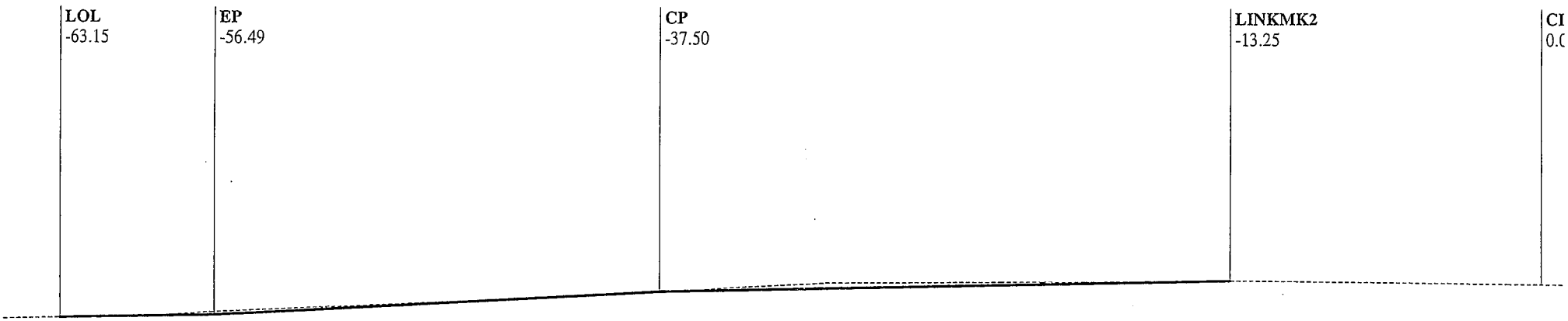


Alignment Chain CONSTCL1
Station: 168+25.00

LOL	EP	CP	LINKMK2	CL
-63.32	-56.66	-37.50	-13.27	0.00
13.74	13.87	14.91	15.44	15.26
-2.00%	-5.41%	-2.17%		
F 0.13	F 1.04	F 0.53	F 0.00	
@ 6.66	@ 19.16	@ 24.23	@ 0.00	

tation Range: 156+00.00 to 181+01.11
roject Units: US Survey Feet

SLOPE STAKE LISTING & DIAGRAM
November 1, 2011 10:40:06 AM



Alignment Chain CONSTCL1
Station: 168+50.00

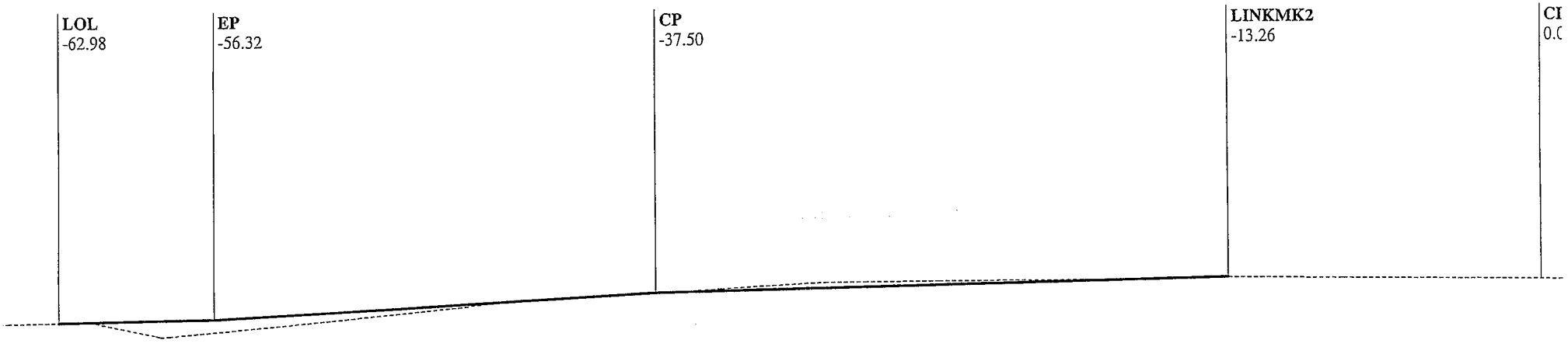
LOL	EP	CP	LINKMK2	CL
-63.15	-56.49	-37.50	-13.25	0.00
13.76	13.89	14.94	15.44	15.27
-2.00%	-5.49%	-2.07%		
F 0.13	F 1.04	F 0.50	F 0.00	
@ 6.66	@ 18.99	@ 24.25	@ 0.00	

52

ation Range: 156+00.00 to 181+01.11
oject Units: US Survey Feet

SLOPE STAKE LISTING & DIAGRAM

November 1, 2011 10:40:06 AM



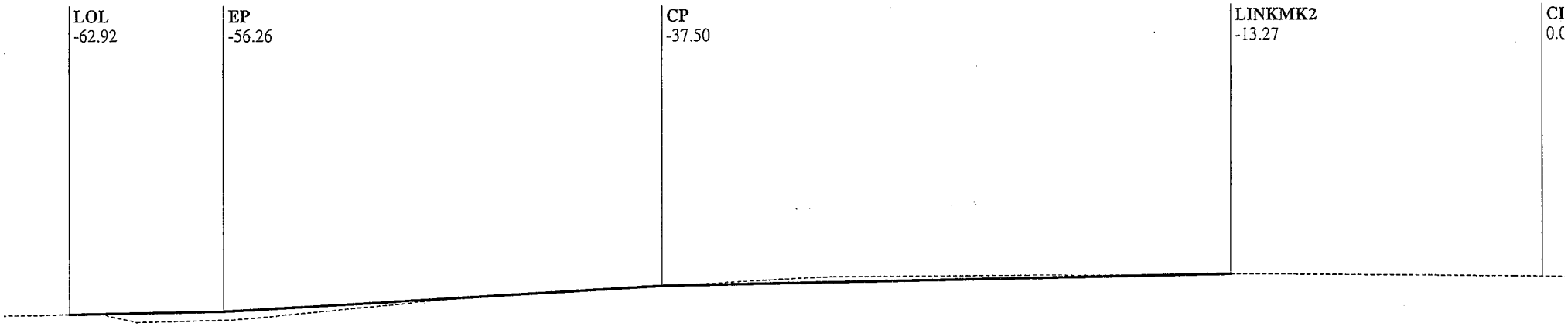
Alignment Chain CONSTCL1
Station: 168+75.00

LOL	EP	CP	LINKMK2	CL
-62.98	-56.32	-37.50	-13.26	0.00
13.77	13.91	14.96	15.44	15.27
-2.00%	-5.62%	-1.95%		
F 0.13	F 1.06	F 0.47	F 0.00	
@ 6.66	@ 18.82	@ 24.24	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM

November 1, 2011 10:40:06 AM

Station Range: 156+00.00 to 181+01.11
Project Units: US Survey Feet

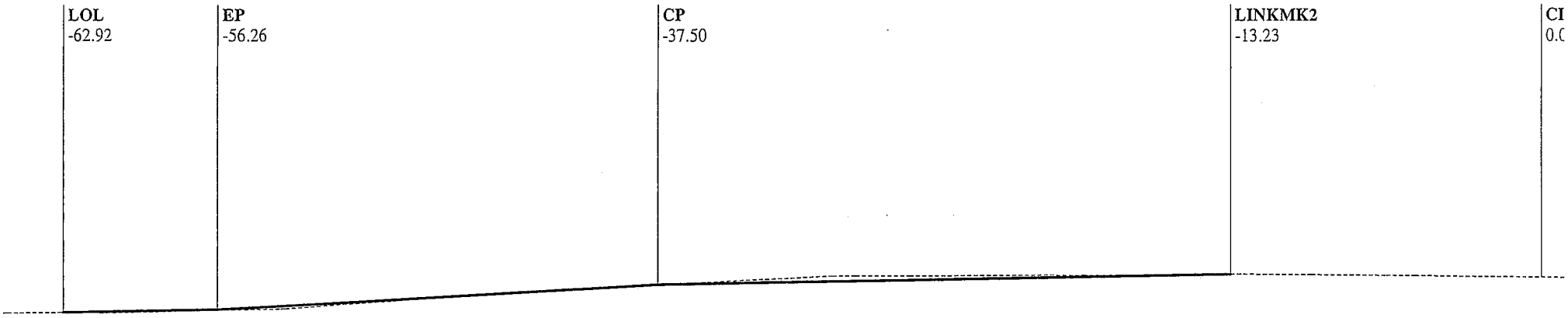


Alignment Chain CONSTCL1
Station: 169+00.00

LOL	EP	CP	LINKMK2	CL
-62.92	-56.26	-37.50	-13.27	0.00
13.79	13.92	14.99	15.43	15.27
-2.00%	-5.71%	-1.80%		
F 0.13	F 1.07	F 0.44	F 0.00	
@ 6.66	@ 18.76	@ 24.23	@ 0.00	

tation Range: 156+00.00 to 181+01.11
roject Units: US Survey Feet

SLOPE STAKE LISTING & DIAGRAM
November 1, 2011 10:40:06 AM

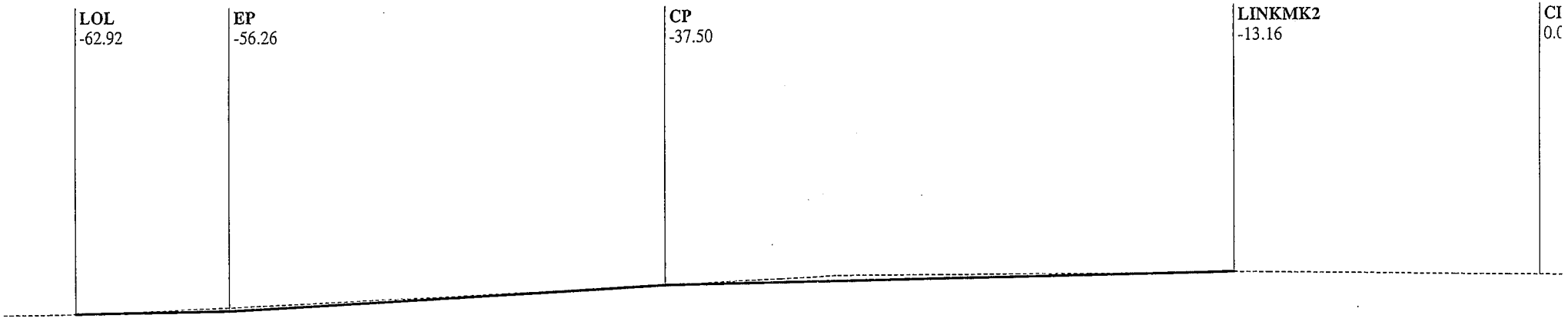


Alignment Chain CONSTCL1
Station: 169+25.00

LOL	EP	CP	LINKMK2	CL
-62.92	-56.26	-37.50	-13.23	0.00
13.80	13.93	15.01	15.42	15.25
-2.00%	-5.75%	-1.68%		
F 0.13	F 1.08	F 0.41	F 0.00	
@ 6.66	@ 18.76	@ 24.27	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM
November 1, 2011 10:40:06 AM

Station Range: 156+00.00 to 181+01.11
Project Units: US Survey Feet



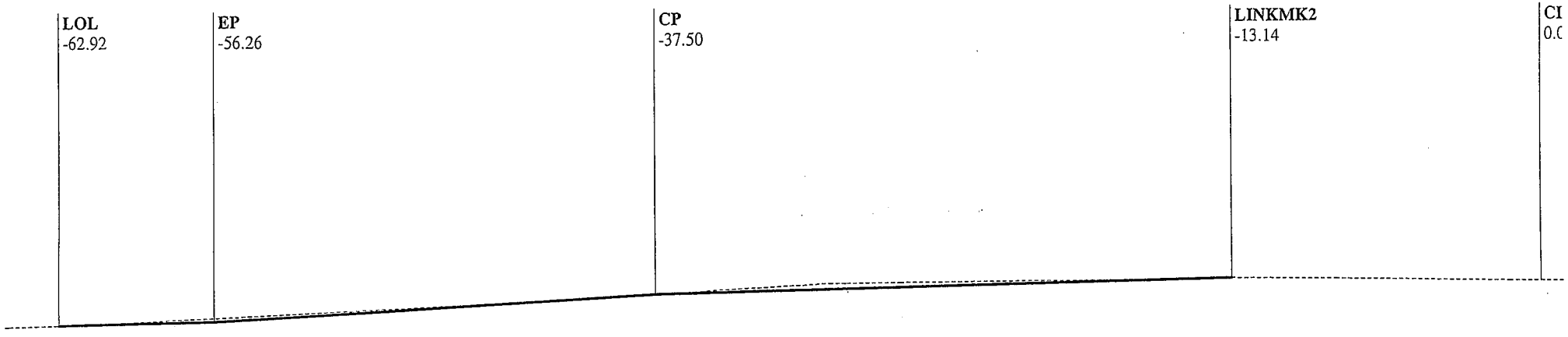
Alignment Chain CONSTCL1
Station: 169+50.00

LOL	EP	CP	LINKMK2	CL
-62.92	-56.26	-37.50	-13.16	0.00
13.77	13.90	14.98	15.41	15.23
-2.00%	-5.72%	-1.81%		
F 0.13	F 1.07	F 0.44	F 0.00	
@ 6.66	@ 18.76	@ 24.34	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM

ation Range: 156+00.00 to 181+01.11
oject Units: US Survey Feet

November 1, 2011 10:40:06 AM



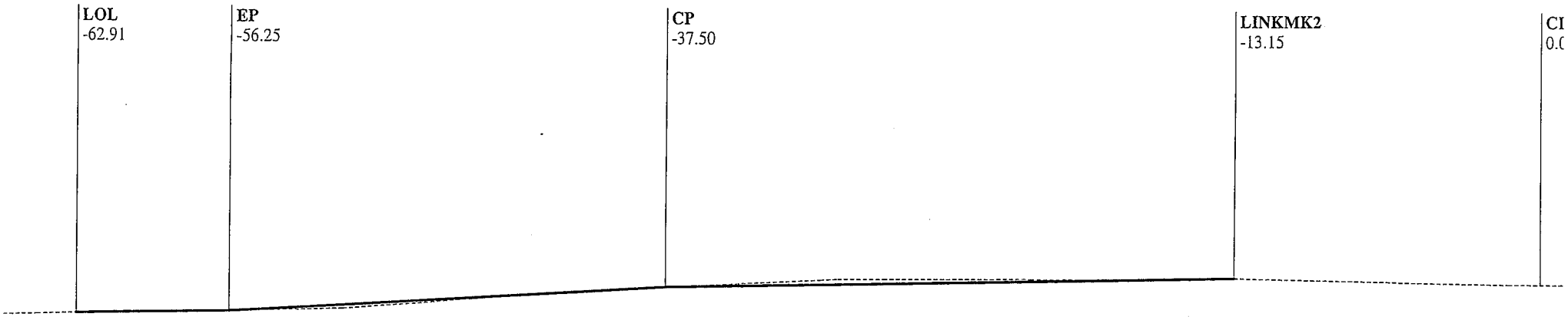
Alignment Chain CONSTCL1
Station: 169+75.00

LOL	EP	CP	LINKMK2	CL
-62.92	-56.26	-37.50	-13.14	0.00
13.74	13.88	14.94	15.44	15.22
-2.00%	-5.69%	-2.02%		
F 0.13	F 1.07	F 0.49	F 0.00	
@ 6.66	@ 18.76	@ 24.36	@ 0.00	

57

Station Range: 156+00.00 to 181+01.11
Project Units: US Survey Feet

SLOPE STAKE LISTING & DIAGRAM
November 1, 2011 10:40:06 AM



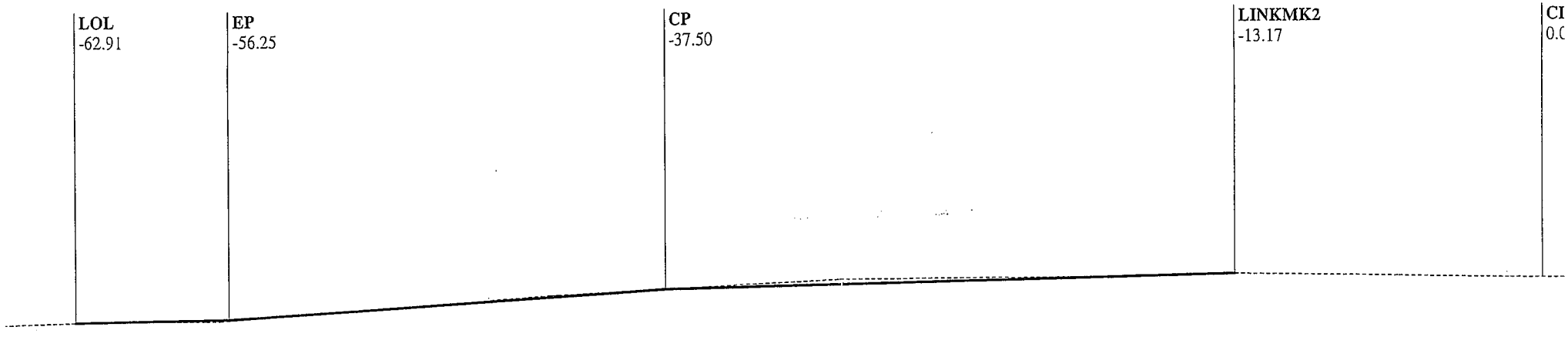
Alignment Chain CONSTCL1
Station: 170+00.00

LOL	EP	CP	LINKMK2	CL
-62.91	-56.25	-37.50	-13.15	0.00
13.72	13.85	14.98	15.47	15.22
-2.00%	-6.05%	-1.99%		
F 0.13	F 1.13	F 0.49	F 0.00	
@ 6.66	@ 18.75	@ 24.35	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM

November 1, 2011 10:40:06 AM

Station Range: 156+00.00 to 181+01.11
Project Units: US Survey Feet

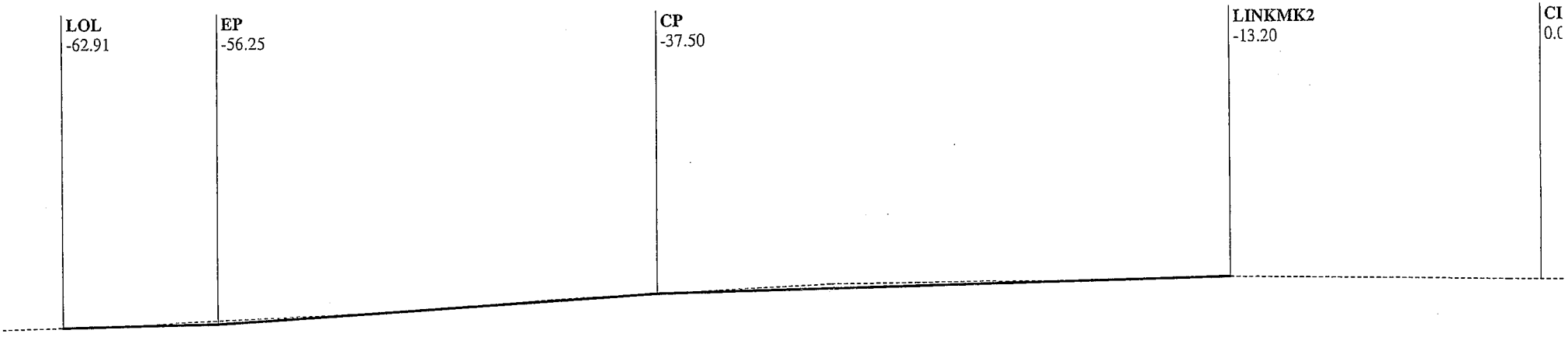


Alignment Chain CONSTCL1
Station: 170+25.00

LOL	EP	CP	LINKMK2	CL
-62.91	-56.25	-37.50	-13.17	0.00
13.70	13.83	15.02	15.48	15.23
-2.00%	-6.34%	-1.90%		
F 0.13	F 1.19	F 0.46	F 0.00	
@ 6.66	@ 18.75	@ 24.33	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM
November 1, 2011 10:40:06 AM

:ation Range: 156+00.00 to 181+01.11
:oject Units: US Survey Feet



Alignment Chain CONSTCL1
Station: 170+50.00

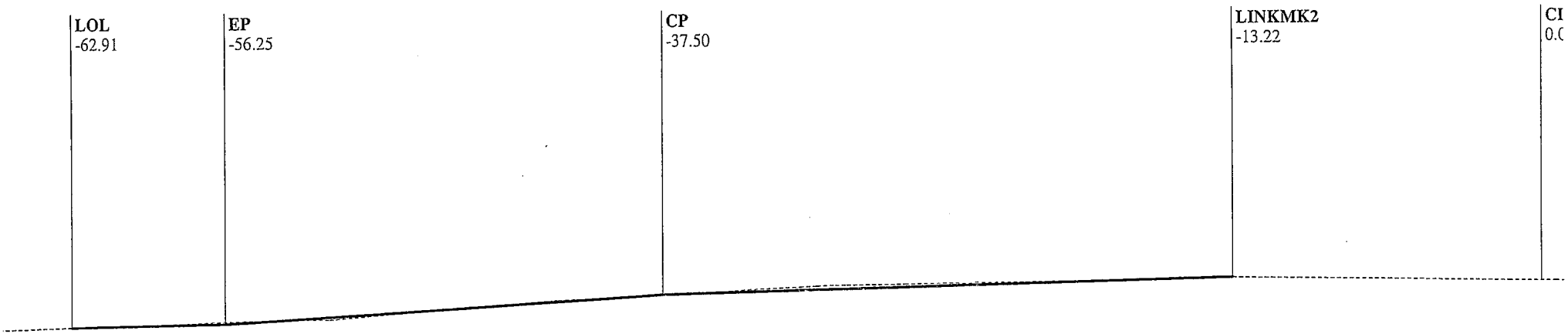
LOL	EP	CP	LINKMK2	CL
-62.91	-56.25	-37.50	-13.20	0.00
13.68	13.82	14.99	15.49	15.25
-2.00%	-6.27%	-2.06%		
F 0.13	F 1.18	F 0.50	F 0.00	
@ 6.66	@ 18.75	@ 24.30	@ 0.00	

60

SLOPE STAKE LISTING & DIAGRAM

November 1, 2011 10:40:06 AM

Station Range: 156+00.00 to 181+01.11
Project Units: US Survey Feet



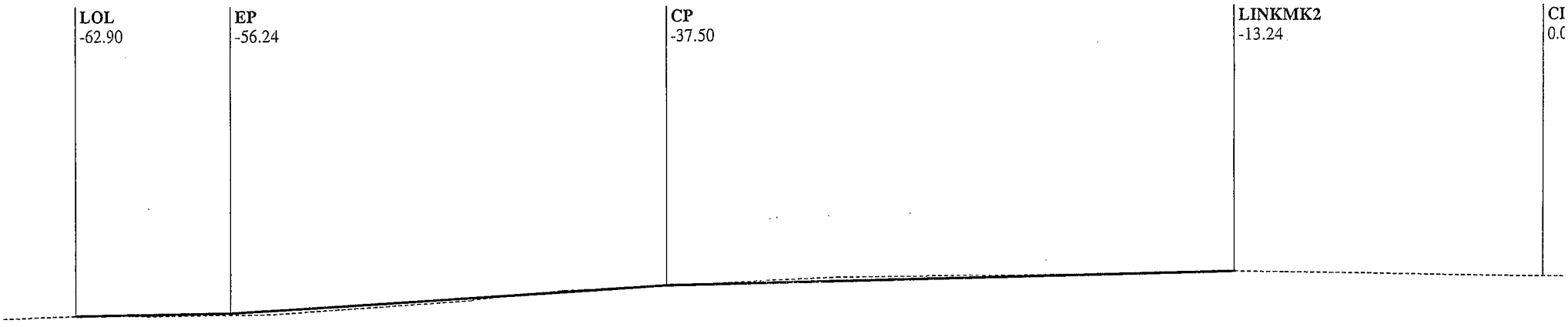
Alignment Chain CONSTCL1
Station: 170+75.00

LOL	EP	CP	LINKMK2	CL
-62.91	-56.25	-37.50	-13.22	0.00
13.69	13.82	14.96	15.49	15.26
-2.00%	-6.07%	-2.20%		
F 0.13	F 1.14	F 0.53	F 0.00	
@ 6.66	@ 18.75	@ 24.28	@ 0.00	

Station Range: 156+00.00 to 181+01.11
Project Units: US Survey Feet

SLOPE STAKE LISTING & DIAGRAM

November 1, 2011 10:40:06 AM

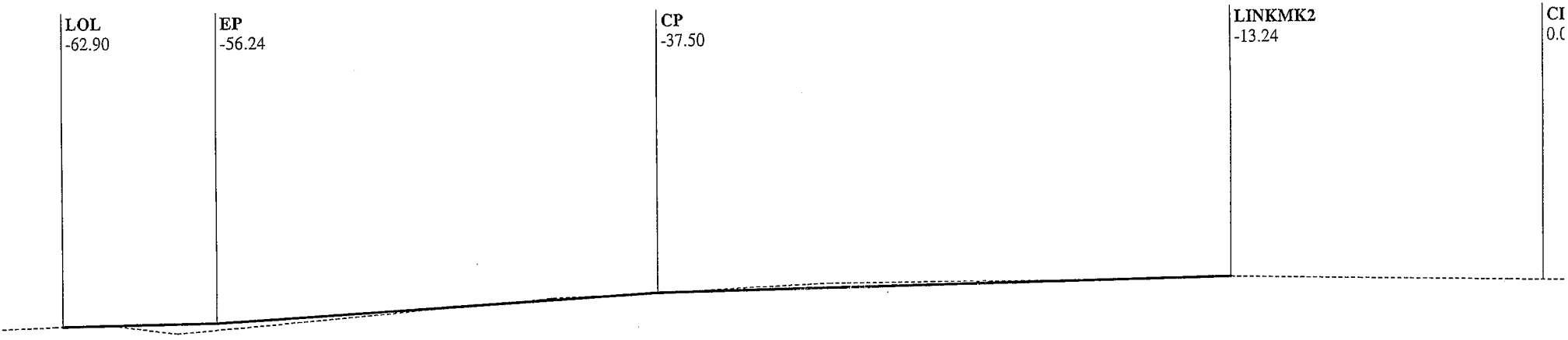


Alignment Chain CONSTCL1
Station: 171+00.00

LOL	EP	CP	LINKMK2	CL
-62.90	-56.24	-37.50	-13.24	0.00
13.69	13.82	14.98	15.49	15.24
-2.00%	-6.17%	-2.10%		
F 0.13	F 1.16	F 0.51	F 0.00	
@ 6.66	@ 18.74	@ 24.26	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM
November 1, 2011 10:40:06 AM

tation Range: 156+00.00 to 181+01.11
roject Units: US Survey Feet

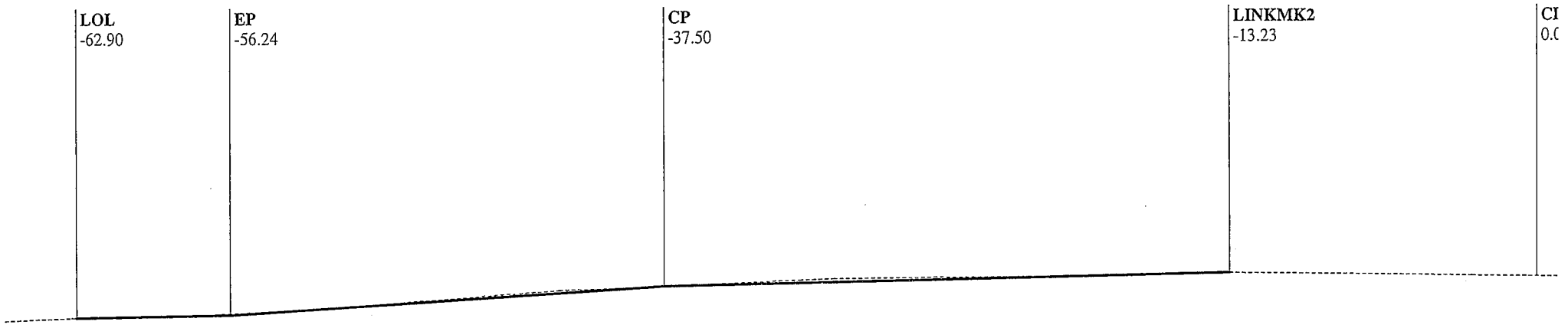


Alignment Chain CONSTCL1
Station: 171+25.00

LOL	EP	CP	LINKMK2	CL
-62.90	-56.24	-37.50	-13.24	0.00
13.70	13.83	15.00	15.48	15.24
-2.00%	-6.24%	-1.98%		
F 0.13	F 1.17	F 0.48	F 0.00	
@ 6.66	@ 18.74	@ 24.26	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM
November 1, 2011 10:40:06 AM

Station Range: 156+00.00 to 181+01.11
Project Units: US Survey Feet



Alignment Chain CONSTCL1
Station: 171+50.00

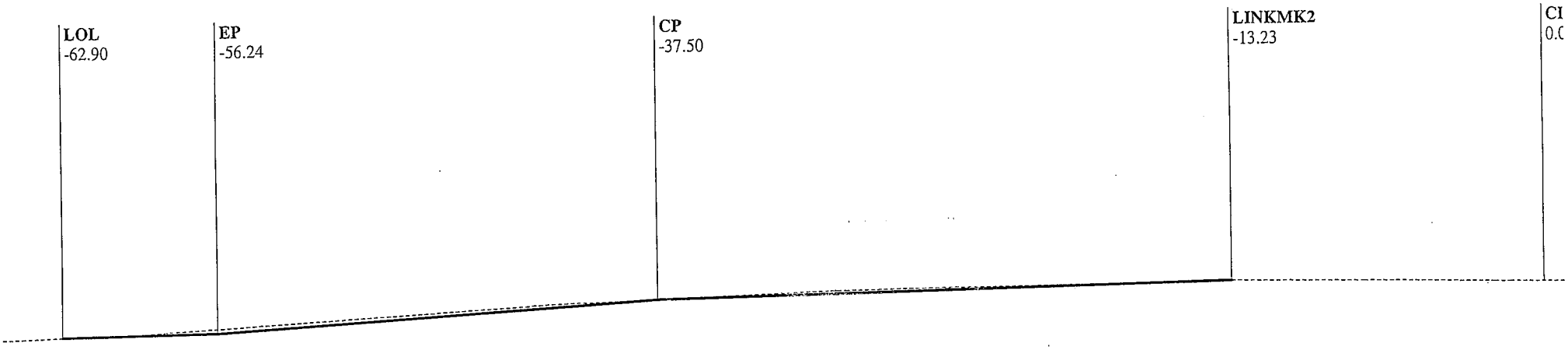
LOL	EP	CP	LINKMK2	CL
-62.90	-56.24	-37.50	-13.23	0.00
13.70	13.83	15.02	15.47	15.25
-2.00%	-6.32%	-1.86%		
F 0.13	F 1.18	F 0.45	F 0.00	
@ 6.66	@ 18.74	@ 24.27	@ 0.00	

64

SLOPE STAKE LISTING & DIAGRAM

November 1, 2011 10:40:06 AM

ation Range: 156+00.00 to 181+01.11
oject Units: US Survey Feet

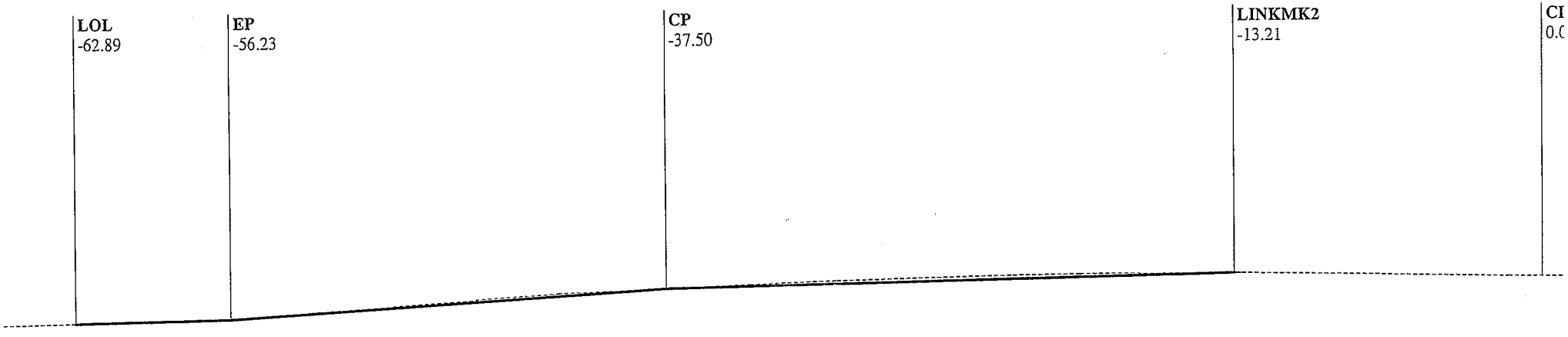


Alignment Chain CONSTCL1
Station: 171+75.00

LOL	EP	CP	LINKMK2	CL
-62.90	-56.24	-37.50	-13.23	0.00
13.71	13.84	15.04	15.47	15.25
-2.00%	-6.36%	-1.77%		
F 0.13	F 1.19	F 0.43	F 0.00	
@ 6.66	@ 18.74	@ 24.27	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM
November 1, 2011 10:40:06 AM

Station Range: 156+00.00 to 181+01.11
Project Units: US Survey Feet

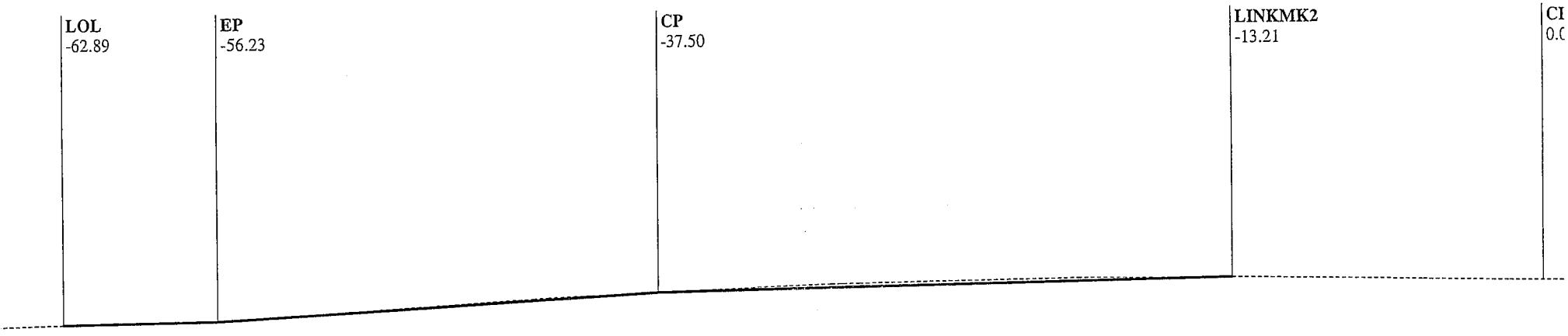


Alignment Chain CONSTCL1
Station: 172+00.00

LOL	EP	CP	LINKMK2	CL
-62.89	-56.23	-37.50	-13.21	0.00
13.74	13.87	15.03	15.47	15.23
-2.00%	-6.21%	-1.81%		
F 0.13	F 1.16	F 0.44	F 0.00	
@ 6.66	@ 18.73	@ 24.29	@ 0.00	

tation Range: 156+00.00 to 181+01.11
roject Units: US Survey Feet

SLOPE STAKE LISTING & DIAGRAM
November 1, 2011 10:40:06 AM

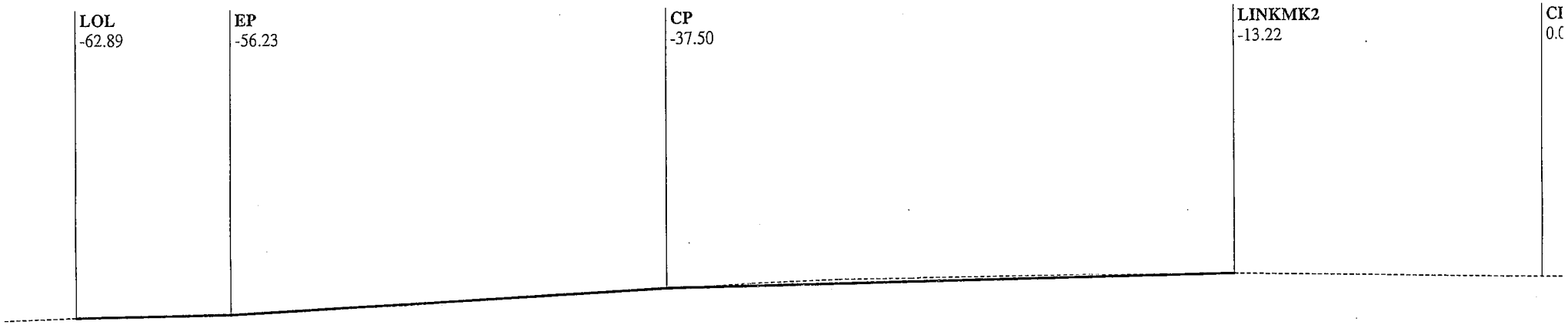


Alignment Chain CONSTCL1
Station: 172+25.00

LOL	EP	CP	LINKMK2	CL
-62.89	-56.23	-37.50	-13.21	0.00
13.78	13.91	15.02	15.47	15.23
-2.00%	-5.94%	-1.84%		
F 0.13	F 1.11	F 0.45	F 0.00	
@ 6.66	@ 18.73	@ 24.29	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM
November 1, 2011 10:40:06 AM

Station Range: 156+00.00 to 181+01.11
Project Units: US Survey Feet



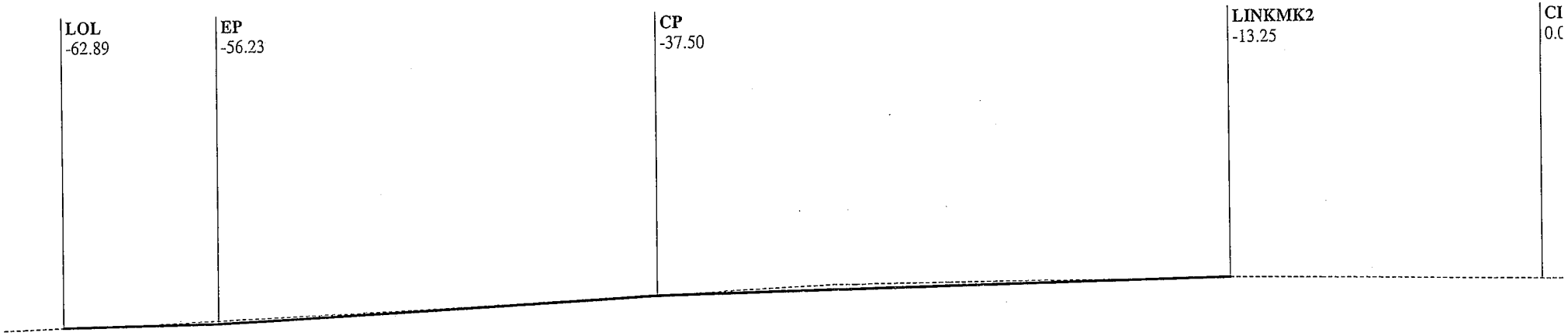
Alignment Chain CONSTCL1
Station: 172+50.00

LOL	EP	CP	LINKMK2	CL
-62.89	-56.23	-37.50	-13.22	0.00
13.80	13.93	14.99	15.46	15.24
-2.00%	-5.68%	-1.92%		
F 0.13	F 1.06	F 0.47	F 0.00	
@ 6.66	@ 18.73	@ 24.28	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM

November 1, 2011 10:40:06 AM

tation Range: 156+00.00 to 181+01.11
roject Units: US Survey Feet



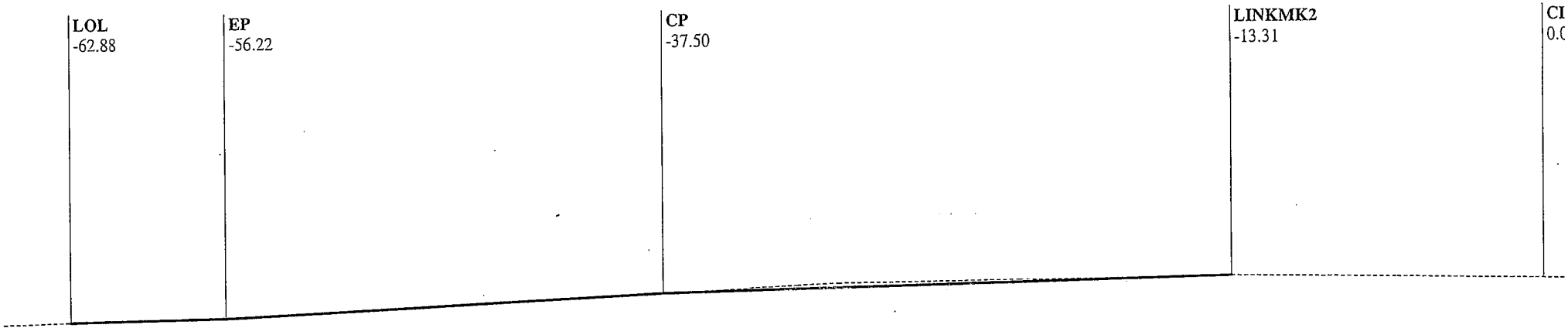
Alignment Chain CONSTCL1
Station: 172+75.00

LOL	EP	CP	LINKMK2	CL
-62.89	-56.23	-37.50	-13.25	0.00
13.80	13.93	14.95	15.45	15.24
-2.00%	-5.44%	-2.05%		
F 0.13	F 1.02	F 0.50	F 0.00	
@ 6.66	@ 18.73	@ 24.25	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM

November 1, 2011 10:40:06 AM

Station Range: 156+00.00 to 181+01.11
Project Units: US Survey Feet



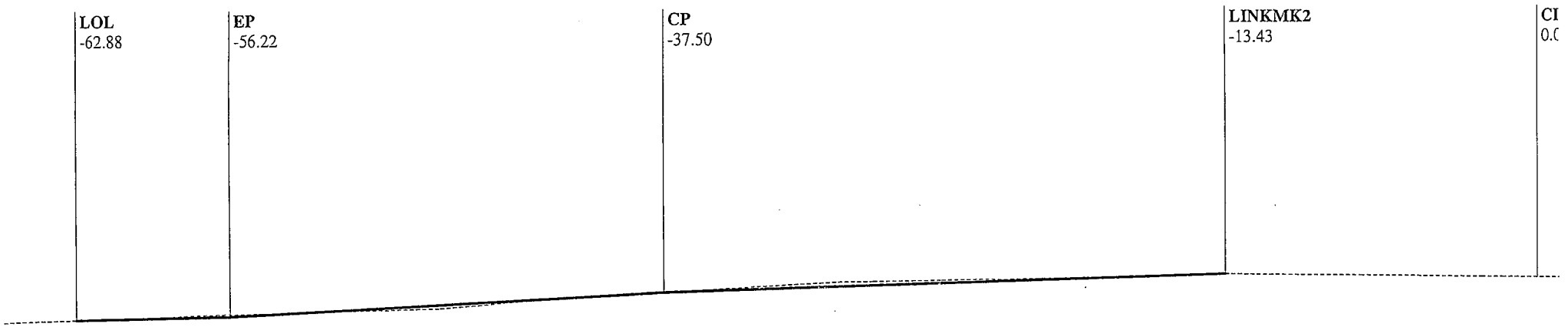
Alignment Chain CONSTCL1
Station: 173+00.00

LOL	EP	CP	LINKMK2	CL
-62.88	-56.22	-37.50	-13.31	0.00
13.78	13.91	14.88	15.44	15.23
-2.00%	-5.16%	-2.34%		
F 0.13	F 0.97	F 0.57	F 0.00	
@ 6.66	@ 18.72	@ 24.19	@ 0.00	

Station Range: 156+00.00 to 181+01.11
Project Units: US Survey Feet

SLOPE STAKE LISTING & DIAGRAM

November 1, 2011 10:40:06 AM



Alignment Chain CONSTCL1
Station: 173+25.00

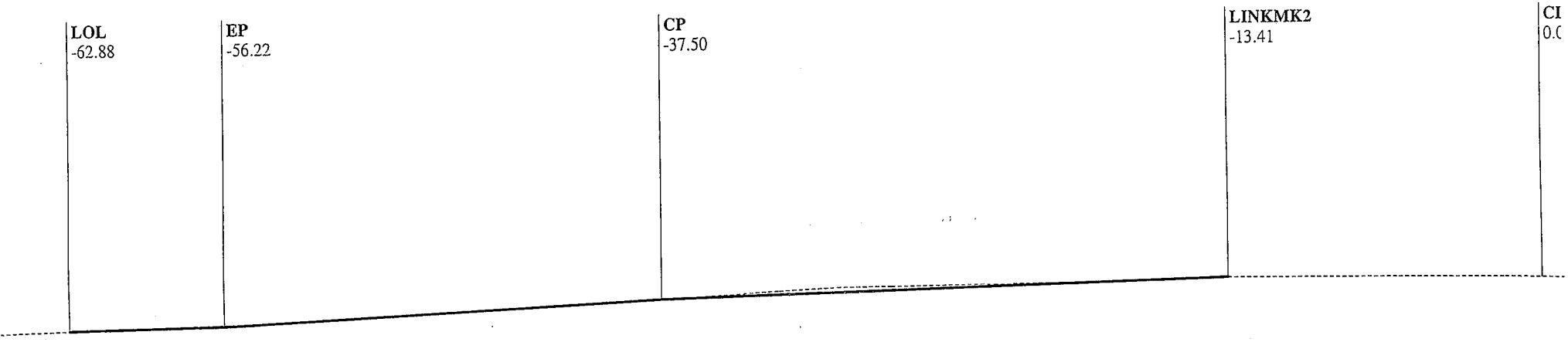
LOL	EP	CP	LINKMK2	CL
-62.88	-56.22	-37.50	-13.43	0.00
13.70	13.83	14.80	15.45	15.23
-2.00%	-5.17%	-2.69%		
F 0.13	F 0.97	F 0.65	F 0.00	
@ 6.66	@ 18.72	@ 24.07	@ 0.00	

21

SLOPE STAKE LISTING & DIAGRAM

November 1, 2011 10:40:06 AM

Station Range: 156+00.00 to 181+01.11
Project Units: US Survey Feet



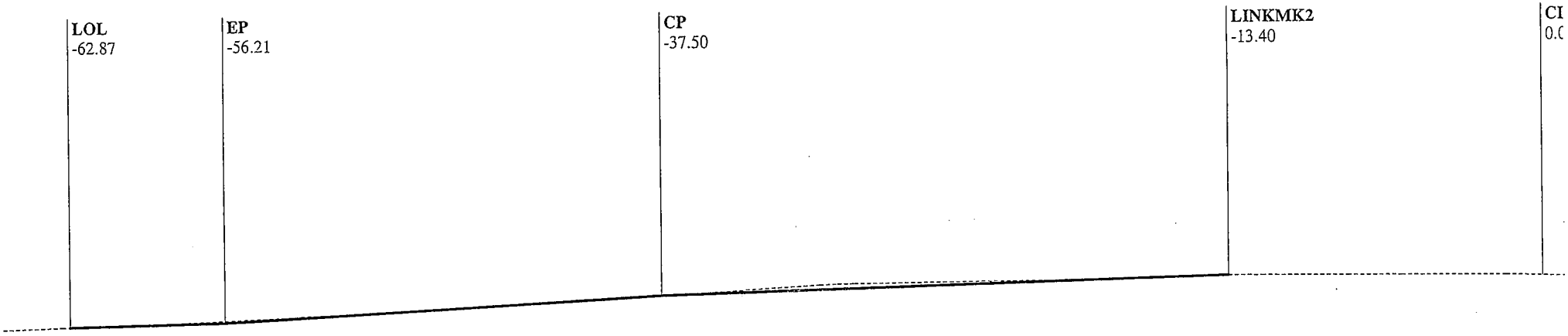
Alignment Chain CONSTCL1
Station: 173+50.00

LOL	EP	CP	LINKMK2	CL
-62.88	-56.22	-37.50	-13.41	0.00
13.70	13.83	14.81	15.42	15.25
-2.00%	-5.20%	-2.54%		
F 0.13	F 0.97	F 0.61	F 0.00	
@ 6.66	@ 18.72	@ 24.09	@ 0.00	

22

tation Range: 156+00.00 to 181+01.11
'roject Units: US Survey Feet

SLOPE STAKE LISTING & DIAGRAM
November 1, 2011 10:40:06 AM

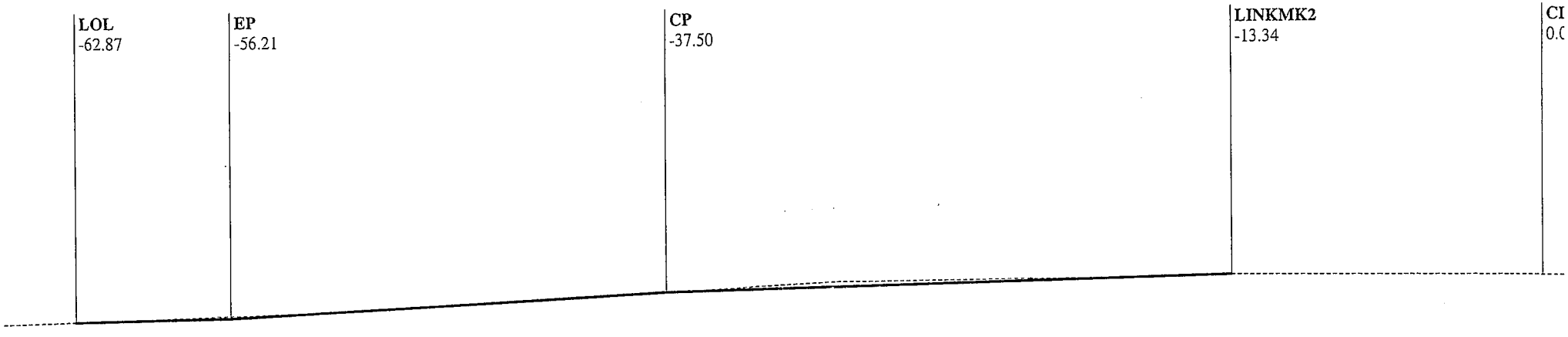


Alignment Chain CONSTCL1
Station: 173+75.00

LOL	EP	CP	LINKMK2	CL
-62.87	-56.21	-37.50	-13.40	0.00
13.71	13.84	14.82	15.42	15.28
-2.00%	-5.25%	-2.48%		
F 0.13	F 0.98	F 0.60	F 0.00	
@ 6.66	@ 18.71	@ 24.10	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM
November 1, 2011 10:40:06 AM

Station Range: 156+00.00 to 181+01.11
Project Units: US Survey Feet



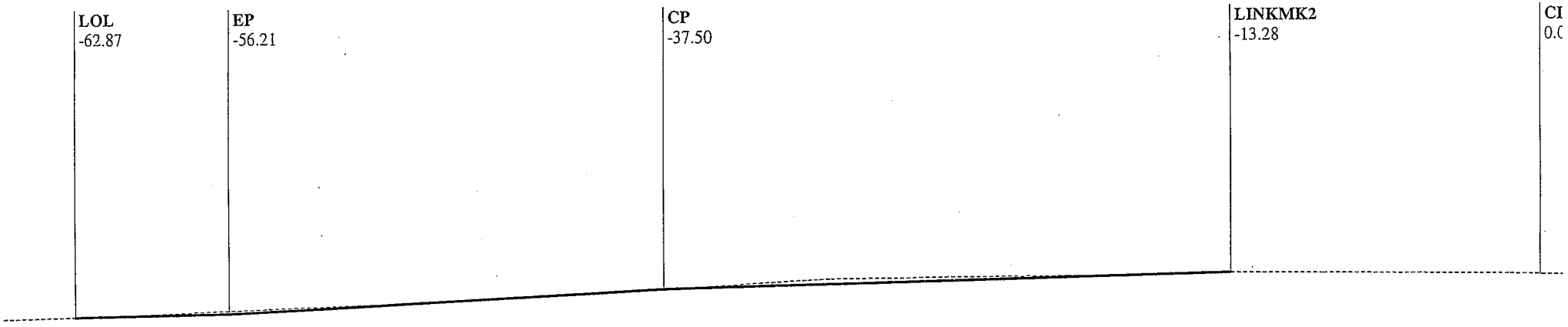
Alignment Chain CONSTCL1
Station: 174+00.00

LOL	EP	CP	LINKMK2	CL
-62.87	-56.21	-37.50	-13.34	0.00
13.72	13.85	14.85	15.43	15.29
-2.00%	-5.34%	-2.40%		
F 0.13	F 1.00	F 0.58	F 0.00	
@ 6.66	@ 18.71	@ 24.16	@ 0.00	

> 4

SLOPE STAKE LISTING & DIAGRAM
November 1, 2011 10:40:06 AM

Station Range: 156+00.00 to 181+01.11
Project Units: US Survey Feet



Alignment Chain CONSTCL1
Station: 174+25.00

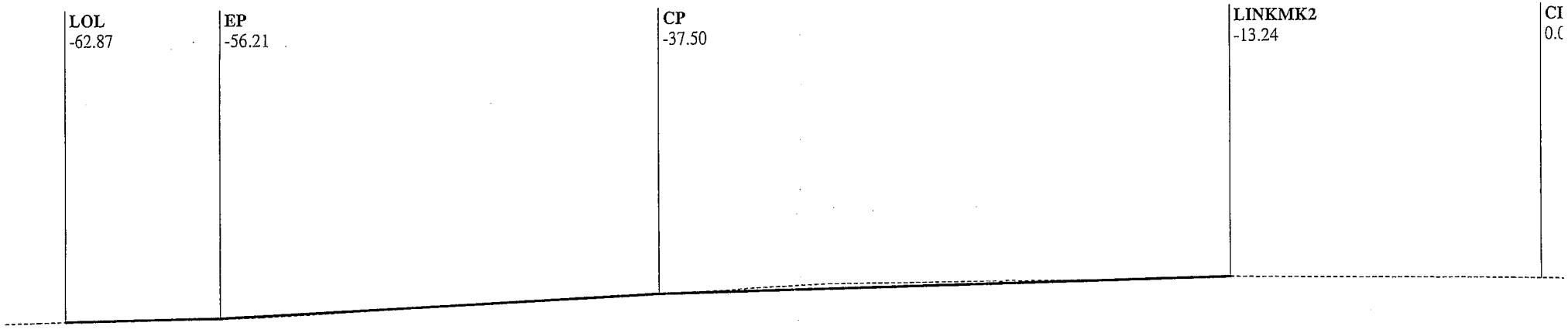
LOL	EP	CP	LINKMK2	CL
-62.87	-56.21	-37.50	-13.28	0.00
13.74	13.88	14.87	15.44	15.29
-2.00%	-5.31%	-2.34%		
F 0.13	F 0.99	F 0.57	F 0.00	
@ 6.66	@ 18.71	@ 24.22	@ 0.00	

25

tation Range: 156+00.00 to 181+01.11
roject Units: US Survey Feet

SLOPE STAKE LISTING & DIAGRAM

November 1, 2011 10:40:06 AM



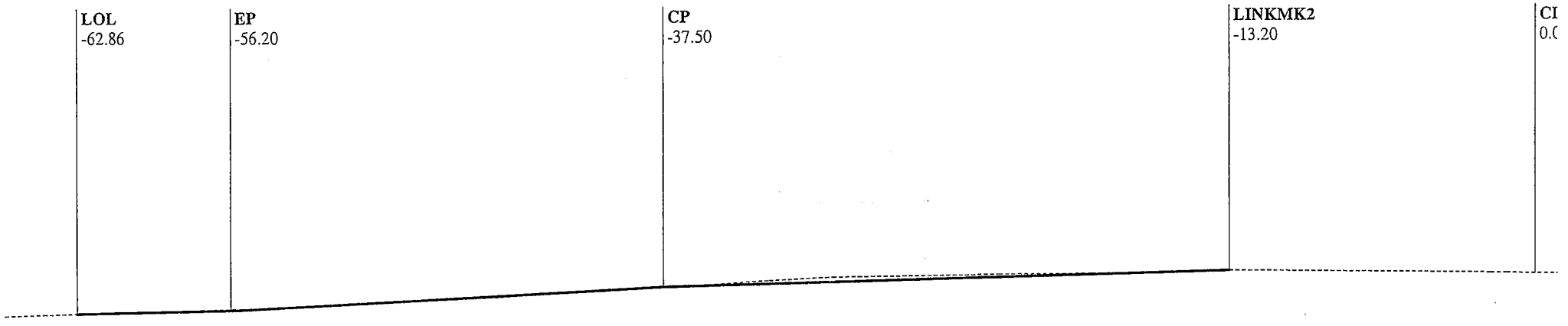
Alignment Chain CONSTCL1
Station: 174+50.00

LOL	EP	CP	LINKMK2	CL
-62.87	-56.21	-37.50	-13.24	0.00
13.77	13.90	14.88	15.44	15.29
-2.00%	-5.23%	-2.32%		
F 0.13	F 0.98	F 0.56	F 0.00	
@ 6.66	@ 18.71	@ 24.26	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM

November 1, 2011 10:40:06 AM

Station Range: 156+00.00 to 181+01.11
Project Units: US Survey Feet



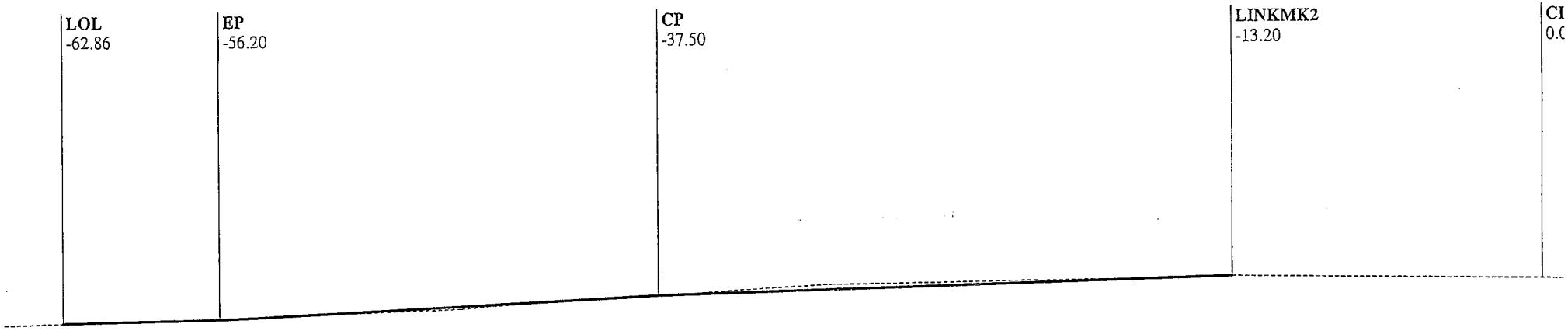
Alignment Chain CONSTCL1
Station: 174+75.00

LOL	EP	CP	LINKMK2	CL
-62.86	-56.20	-37.50	-13.20	0.00
13.77	13.91	14.86	15.45	15.28
-2.00%	-5.11%	-2.43%		
F 0.13	F 0.96	F 0.59	F 0.00	
@ 6.66	@ 18.70	@ 24.30	@ 0.00	

77

tation Range: 156+00.00 to 181+01.11
roject Units: US Survey Feet

SLOPE STAKE LISTING & DIAGRAM
November 1, 2011 10:40:06 AM



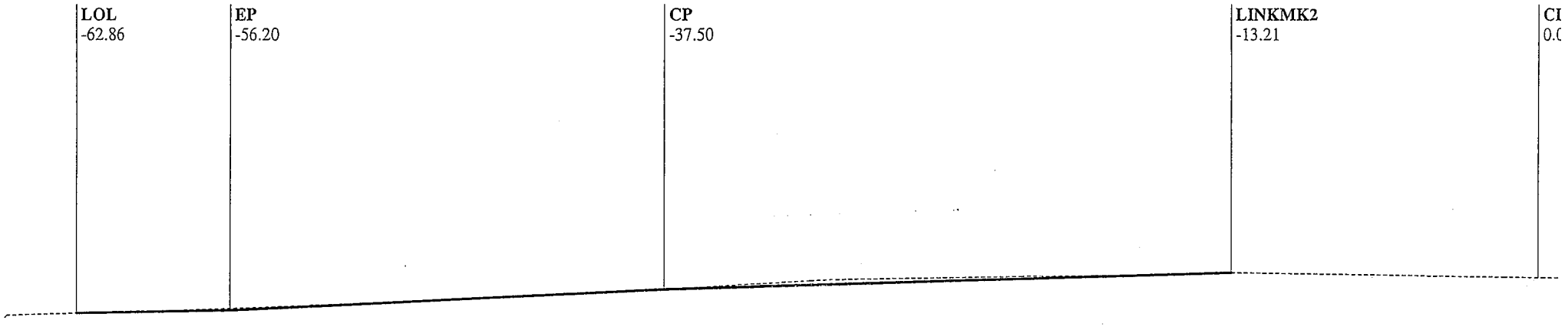
Alignment Chain CONSTCL1
Station: 175+00.00

LOL	EP	CP	LINKMK2	CL
-62.86	-56.20	-37.50	-13.20	0.00
13.76	13.90	14.83	15.47	15.26
-2.00%	-5.00%	-2.63%		
F 0.13	F 0.93	F 0.64	F 0.00	
@ 6.66	@ 18.70	@ 24.30	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM

Station Range: 156+00.00 to 181+01.11
Project Units: US Survey Feet

November 1, 2011 10:40:06 AM

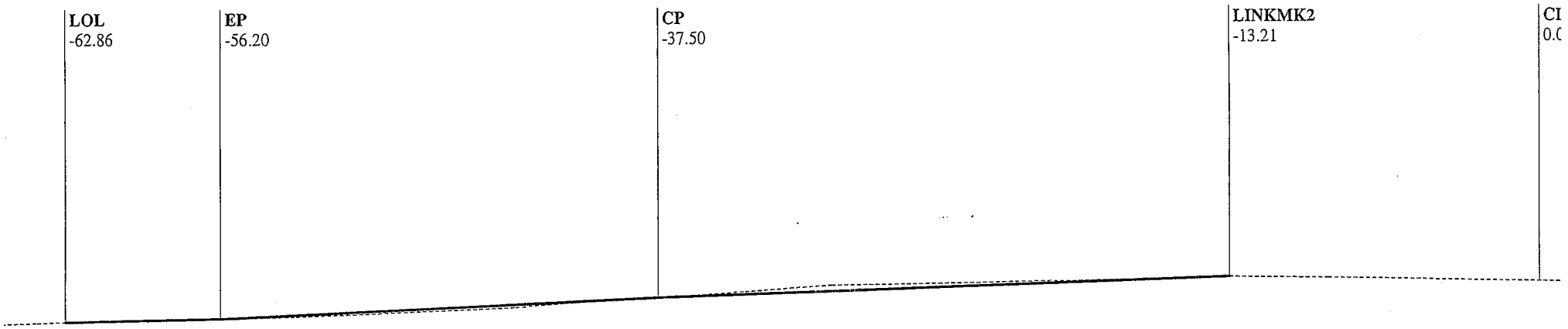


Alignment Chain CONSTCL1
Station: 175+25.00

LOL	EP	CP	LINKMK2	CL
-62.86	-56.20	-37.50	-13.21	0.00
13.76	13.89	14.81	15.49	15.25
-2.00%	-4.91%	-2.80%		
F 0.13	F 0.92	F 0.68	F 0.00	
@ 6.66	@ 18.70	@ 24.29	@ 0.00	

tation Range: 156+00.00 to 181+01.11
roject Units: US Survey Feet

SLOPE STAKE LISTING & DIAGRAM
November 1, 2011 10:40:06 AM



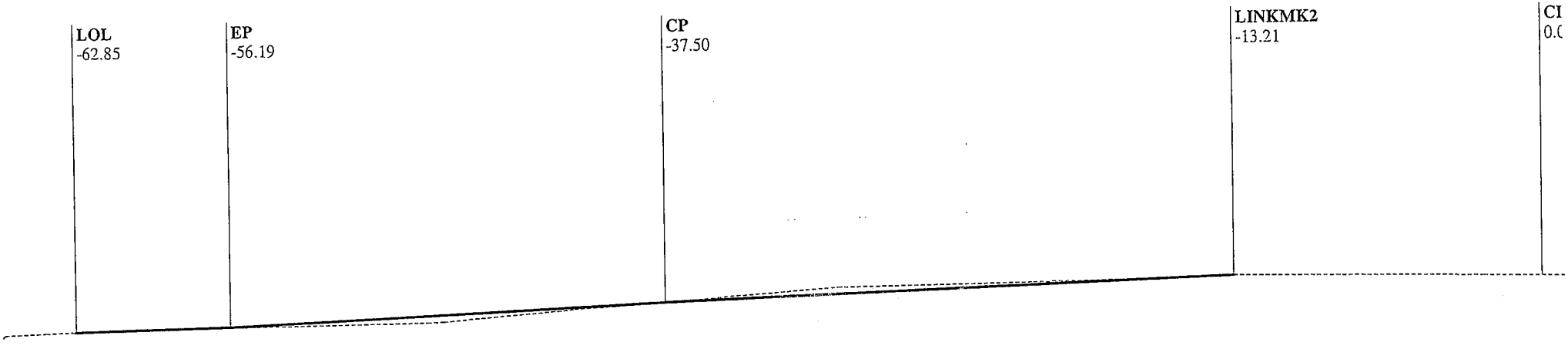
Alignment Chain CONSTCL1
Station: 175+50.00

LOL	EP	CP	LINKMK2	CL
-62.86	-56.20	-37.50	-13.21	0.00
13.75	13.89	14.74	15.48	15.23
-2.00%	-4.54%	-3.05%		
F 0.13	F 0.85	F 0.74	F 0.00	
@ 6.66	@ 18.70	@ 24.29	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM

November 1, 2011 10:40:06 AM

Station Range: 156+00.00 to 181+01.11
Project Units: US Survey Feet



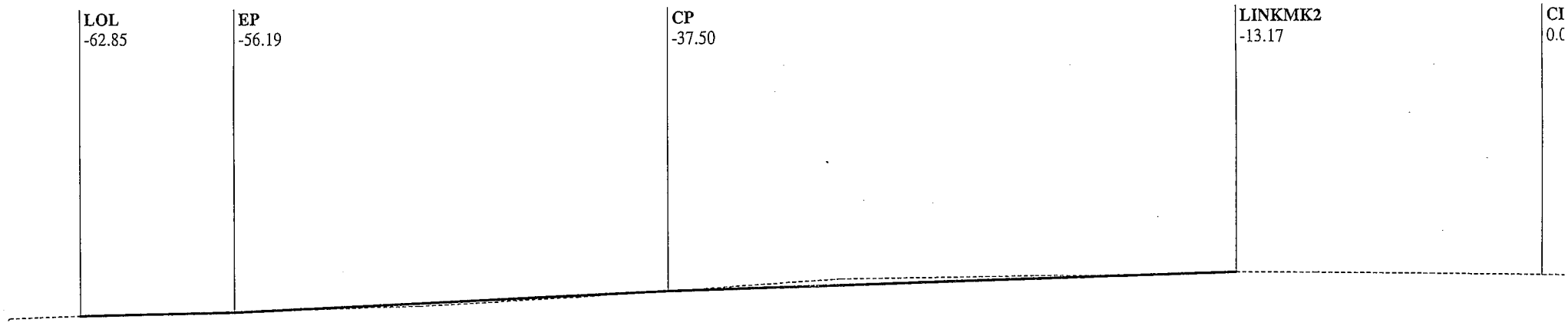
Alignment Chain CONSTCL1
Station: 175+75.00

LOL	EP	CP	LINKMK2	CL
-62.85	-56.19	-37.50	-13.21	0.00
13.75	13.88	14.68	15.44	15.23
-2.00%	-4.29%	-3.12%		
F 0.13	F 0.80	F 0.76	F 0.00	
@ 6.66	@ 18.69	@ 24.29	@ 0.00	

81

SLOPE STAKE LISTING & DIAGRAM
November 1, 2011 10:40:06 AM

Station Range: 156+00.00 to 181+01.11
Project Units: US Survey Feet

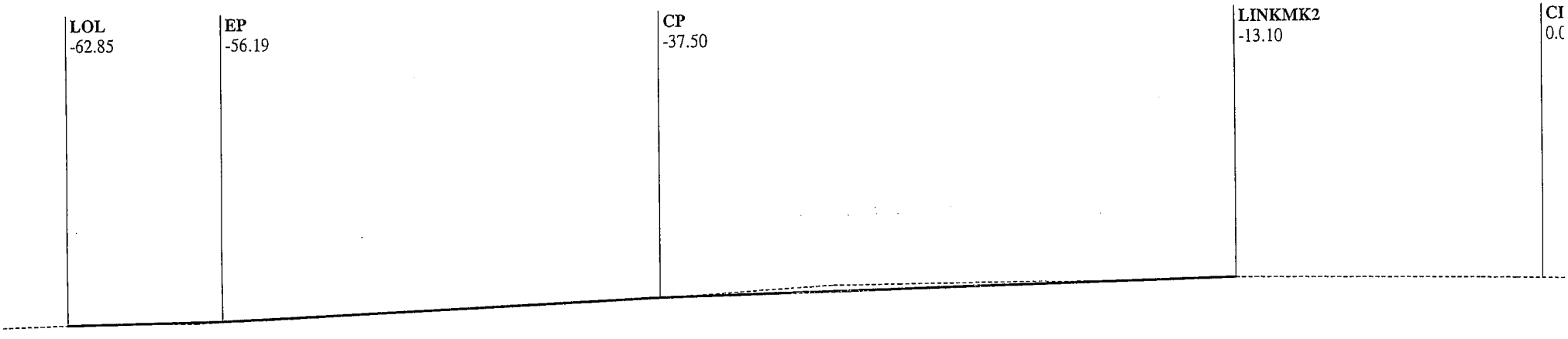


Alignment Chain CONSTCL1
Station: 176+00.00

LOL	EP	CP	LINKMK2	CL
-62.85	-56.19	-37.50	-13.17	0.00
13.76	13.89	14.74	15.42	15.23
-2.00%	-4.53%	-2.82%		
F 0.13	F 0.85	F 0.69	F 0.00	
@ 6.66	@ 18.69	@ 24.33	@ 0.00	

tation Range: 156+00.00 to 181+01.11
roject Units: US Survey Feet

SLOPE STAKE LISTING & DIAGRAM
November 1, 2011 10:40:06 AM

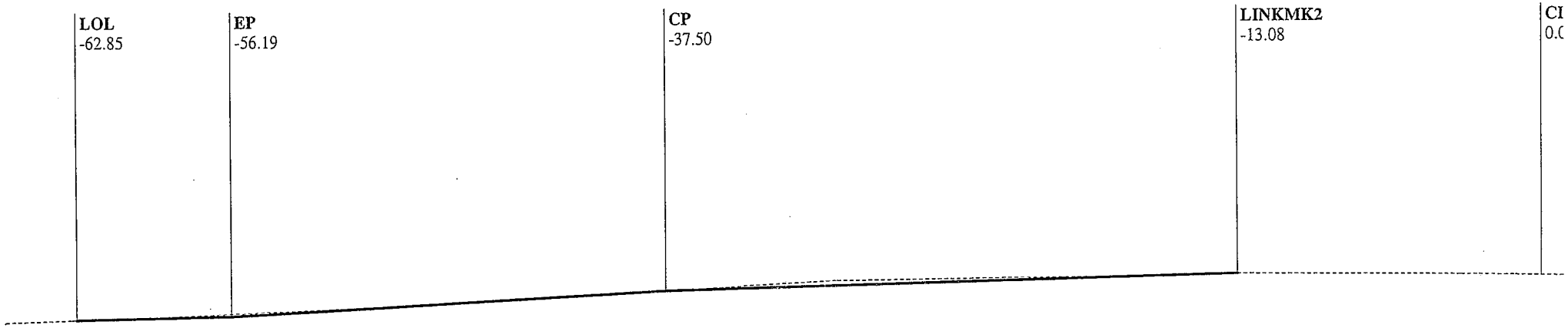


Alignment Chain CONSTCL1
Station: 176+25.00

LOL	EP	CP	LINKMK2	CL
-62.85	-56.19	-37.50	-13.10	0.00
13.77	13.90	14.80	15.42	15.24
-2.00%	-4.79%	-2.54%		
F 0.13	F 0.89	F 0.62	F 0.00	
@ 6.66	@ 18.69	@ 24.40	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM
November 1, 2011 10:40:06 AM

Station Range: 156+00.00 to 181+01.11
Project Units: US Survey Feet



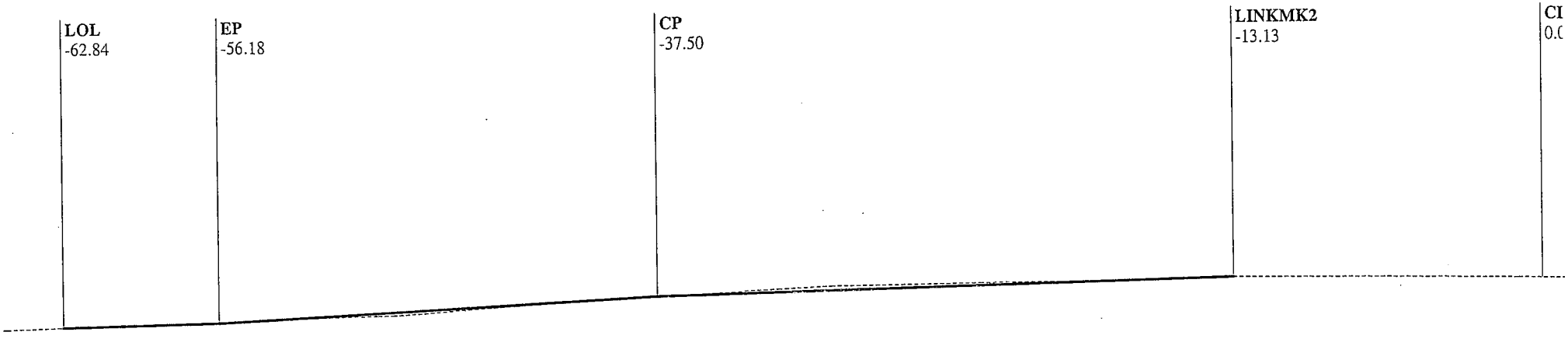
Alignment Chain CONSTCL1
Station: 176+50.00

LOL	EP	CP	LINKMK2	CL
-62.85	-56.19	-37.50	-13.08	0.00
13.78	13.92	14.87	15.41	15.25
-2.00%	-5.09%	-2.22%		
F 0.13	F 0.95	F 0.54	F 0.00	
@ 6.66	@ 18.69	@ 24.42	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM

November 1, 2011 10:40:06 AM

ation Range: 156+00.00 to 181+01.11
oject Units: US Survey Feet



Alignment Chain CONSTCL1
Station: 176+75.00

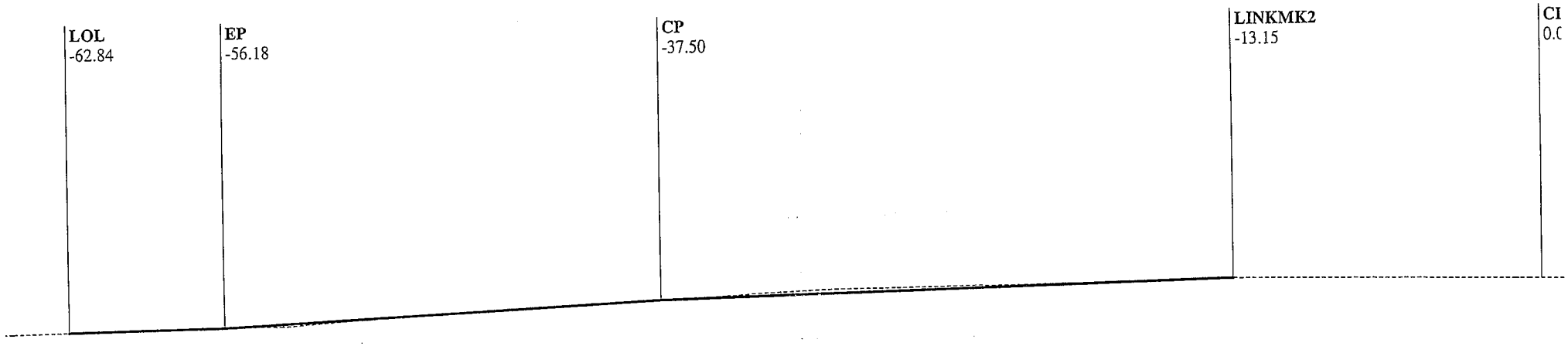
LOL	EP	CP	LINKMK2	CL
-62.84	-56.18	-37.50	-13.13	0.00
13.76	13.90	14.85	15.39	15.22
-2.00%	-5.09%	-2.24%		
F 0.13	F 0.95	F 0.55	F 0.00	
@ 6.66	@ 18.68	@ 24.37	@ 0.00	

55

SLOPE STAKE LISTING & DIAGRAM

November 1, 2011 10:40:06 AM

:ation Range: 156+00.00 to 181+01.11
:oject Units: US Survey Feet



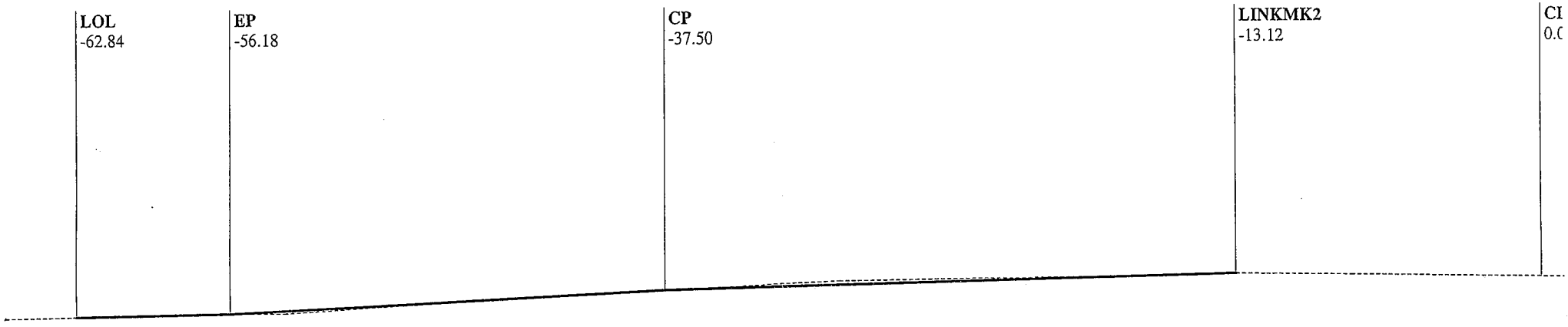
Alignment Chain CONSTCL1
Station: 177+00.00

LOL	EP	CP	LINKMK2	CL
-62.84	-56.18	-37.50	-13.15	0.00
13.74	13.87	14.84	15.38	15.18
-2.00%	-5.14%	-2.25%		
F 0.13	F 0.96	F 0.55	F 0.00	
@ 6.66	@ 18.68	@ 24.35	@ 0.00	

Station Range: 156+00.00 to 181+01.11
Project Units: US Survey Feet

SLOPE STAKE LISTING & DIAGRAM

November 1, 2011 10:40:06 AM



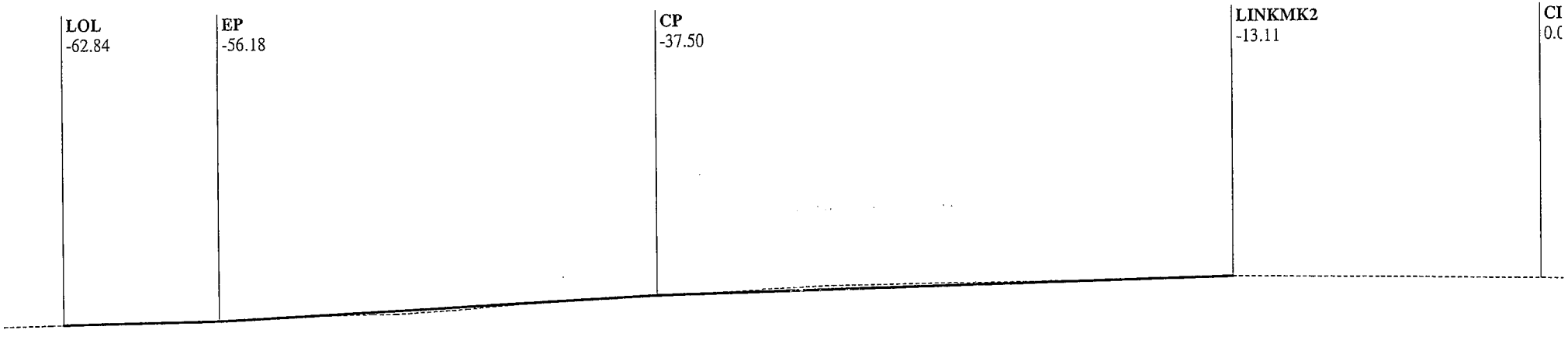
Alignment Chain CONSTCL1
Station: 177+25.00

LOL	EP	CP	LINKMK2	CL
-62.84	-56.18	-37.50	-13.12	0.00
13.74	13.87	14.82	15.38	15.18
-2.00%	-5.06%	-2.32%		
F 0.13	F 0.94	F 0.57	F 0.00	
@ 6.66	@ 18.68	@ 24.38	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM

November 1, 2011 10:40:06 AM

:ation Range: 156+00.00 to 181+01.11
:oject Units: US Survey Feet



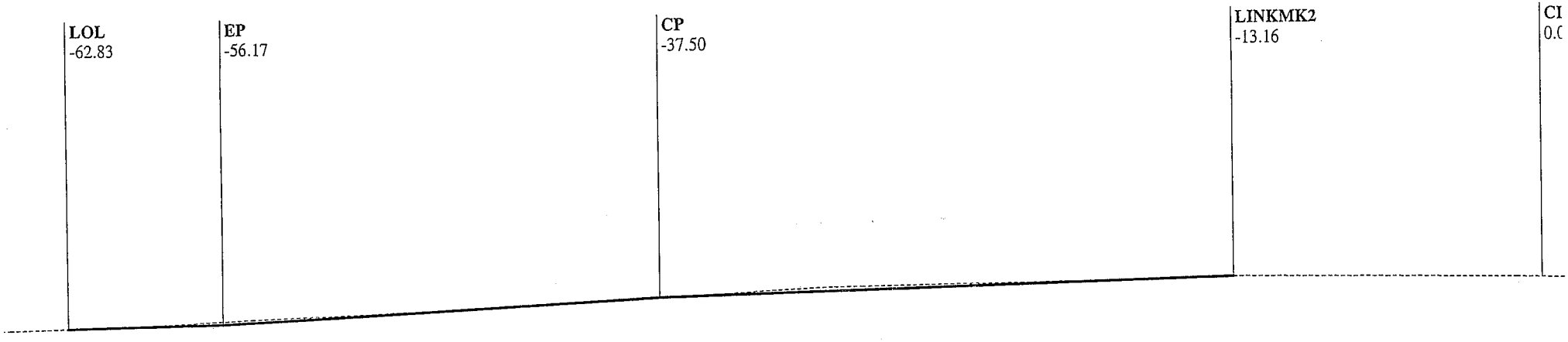
Alignment Chain CONSTCL1
Station: 177+50.00

LOL	EP	CP	LINKMK2	CL
-62.84	-56.18	-37.50	-13.11	0.00
13.73	13.87	14.82	15.38	15.19
-2.00%	-5.08%	-2.33%		
F 0.13	F 0.95	F 0.57	F 0.00	
@ 6.66	@ 18.68	@ 24.39	@ 0.00	

88

tation Range: 156+00.00 to 181+01.11
roject Units: US Survey Feet

SLOPE STAKE LISTING & DIAGRAM
November 1, 2011 10:40:06 AM



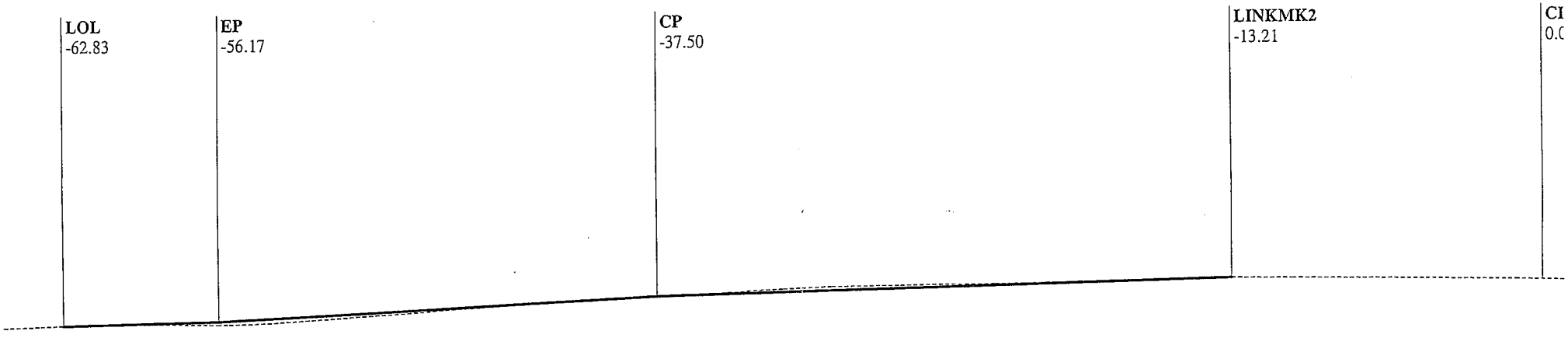
Alignment Chain CONSTCL1
Station: 177+75.00

LOL	EP	CP	LINKMK2	CL
-62.83	-56.17	-37.50	-13.16	0.00
13.74	13.87	14.82	15.39	15.19
-2.00%	-5.09%	-2.32%		
F 0.13	F 0.95	F 0.56	F 0.00	
@ 6.66	@ 18.67	@ 24.34	@ 0.00	

89

:ation Range: 156+00.00 to 181+01.11
:oject Units: US Survey Feet

SLOPE STAKE LISTING & DIAGRAM
November 1, 2011 10:40:06 AM



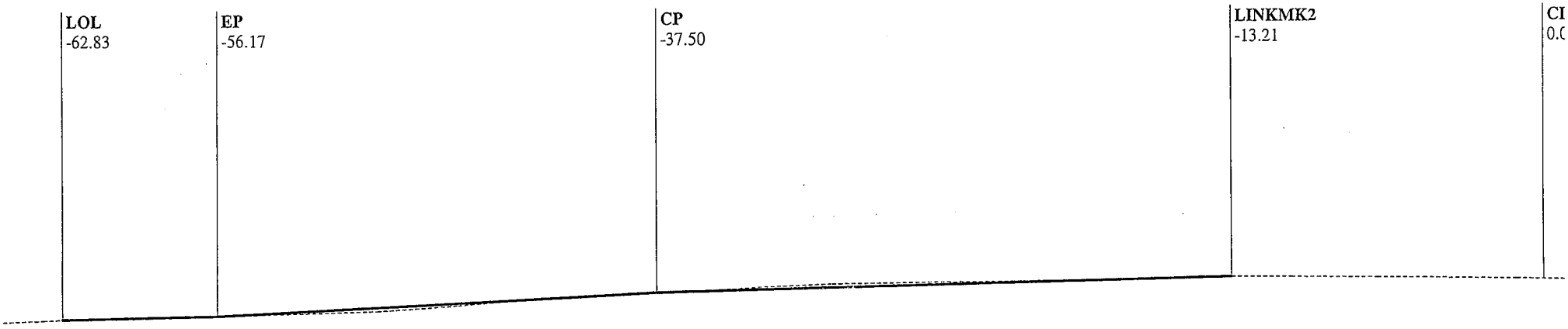
Alignment Chain CONSTCL1
Station: 178+00.00

LOL	EP	CP	LINKMK2	CL
-62.83	-56.17	-37.50	-13.21	0.00
13.77	13.90	14.84	15.38	15.19
-2.00%	-5.03%	-2.24%		
F 0.13	F 0.94	F 0.54	F 0.00	
@ 6.66	@ 18.67	@ 24.29	@ 0.00	

tation Range: 156+00.00 to 181+01.11
roject Units: US Survey Feet

SLOPE STAKE LISTING & DIAGRAM

November 1, 2011 10:40:06 AM



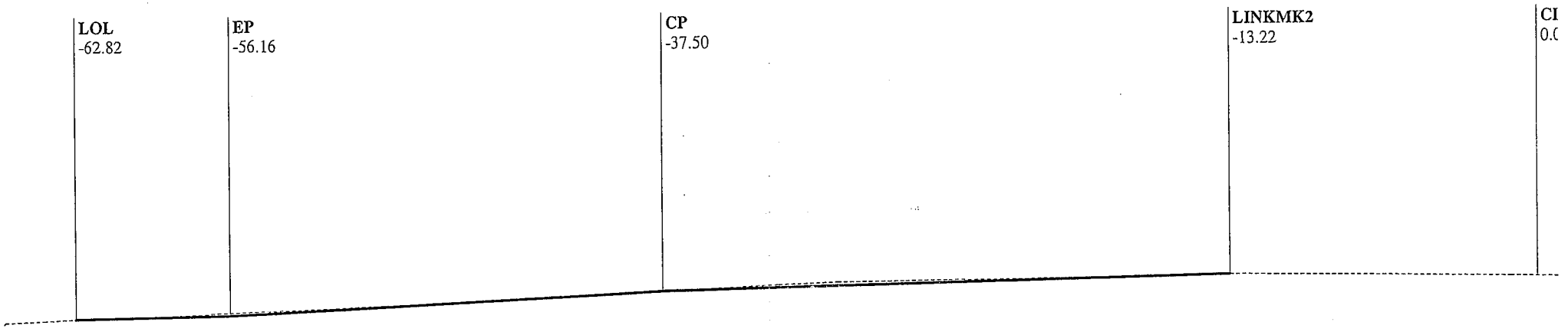
Alignment Chain CONSTCL1
Station: 178+25.00

LOL	EP	CP	LINKMK2	CL
-62.83	-56.17	-37.50	-13.21	0.00
13.80	13.94	14.86	15.37	15.19
-2.00%	-4.95%	-2.09%		
F 0.13	F 0.92	F 0.51	F 0.00	
@ 6.66	@ 18.67	@ 24.29	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM

November 1, 2011 10:40:06 AM

Station Range: 156+00.00 to 181+01.11
Project Units: US Survey Feet



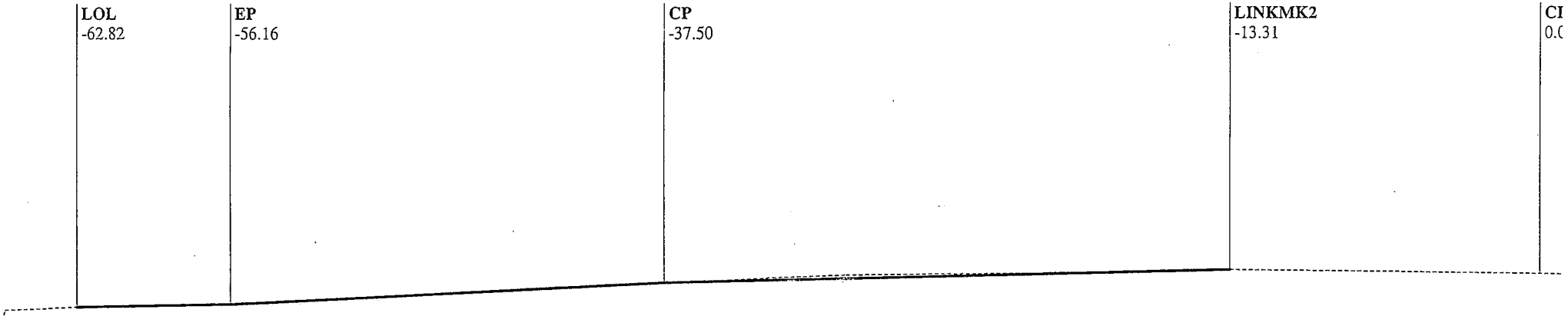
Alignment Chain CONSTCL1
Station: 178+50.00

LOL	EP	CP	LINKMK2	CL
-62.82	-56.16	-37.50	-13.22	0.00
13.82	13.95	14.86	15.35	15.16
-2.00%	-4.85%	-2.04%		
F 0.13	F 0.90	F 0.49	F 0.00	
@ 6.66	@ 18.66	@ 24.28	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM

Station Range: 156+00.00 to 181+01.11
Project Units: US Survey Feet

November 1, 2011 10:40:06 AM

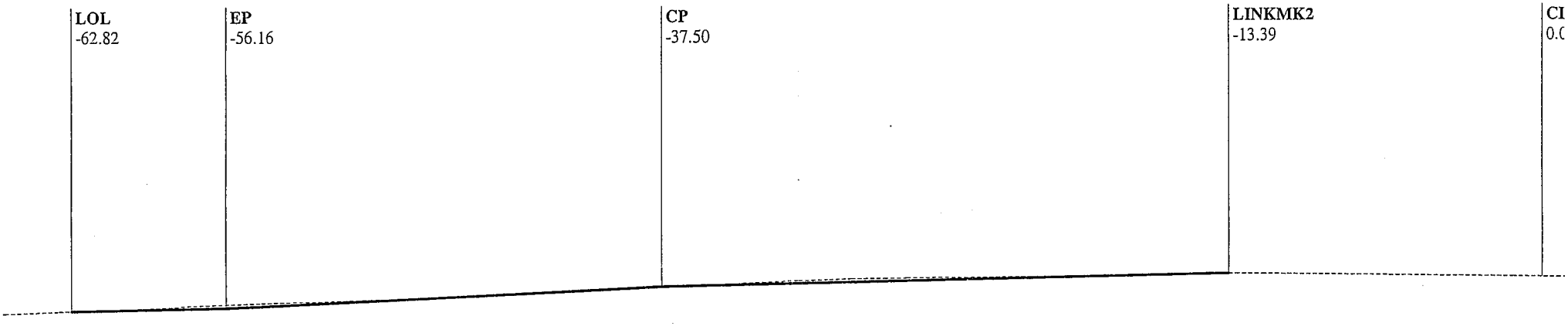


Alignment Chain CONSTCL1
Station: 178+75.00

LOL	EP	CP	LINKMK2	CL
-62.82	-56.16	-37.50	-13.31	0.00
13.81	13.95	14.85	15.33	15.13
-2.00%	-4.83%	-1.98%		
F 0.13	F 0.90	F 0.48	F 0.00	
@ 6.66	@ 18.66	@ 24.19	@ 0.00	

Station Range: 156+00.00 to 181+01.11
Project Units: US Survey Feet

SLOPE STAKE LISTING & DIAGRAM
November 1, 2011 10:40:06 AM

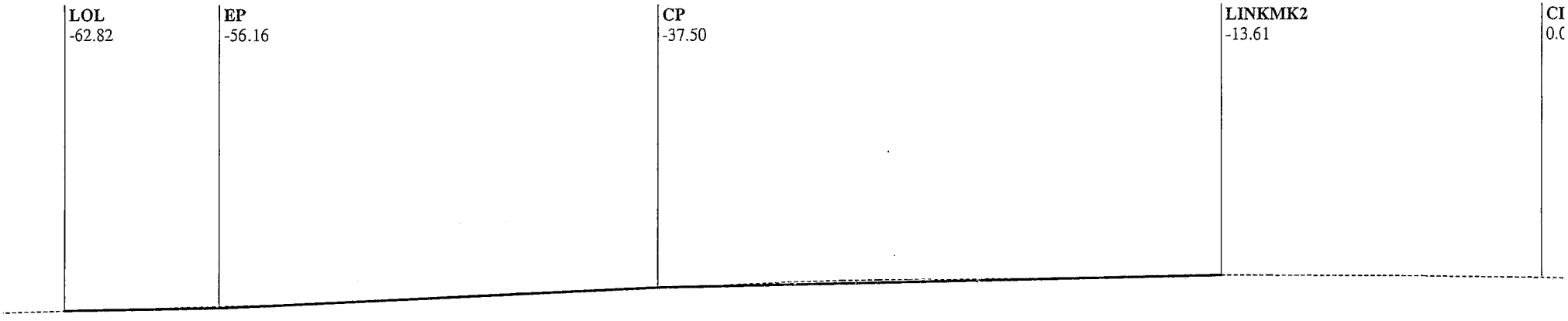


Alignment Chain CONSTCL1
Station: 179+00.00

LOL	EP	CP	LINKMK2	CL
-62.82	-56.16	-37.50	-13.39	0.00
13.80	13.93	14.83	15.30	15.11
-2.00%	-4.82%	-1.94%		
F 0.13	F 0.90	F 0.47	F 0.00	
@ 6.66	@ 18.66	@ 24.11	@ 0.00	

tation Range: 156+00.00 to 181+01.11
'roject Units: US Survey Feet

SLOPE STAKE LISTING & DIAGRAM
November 1, 2011 10:40:06 AM



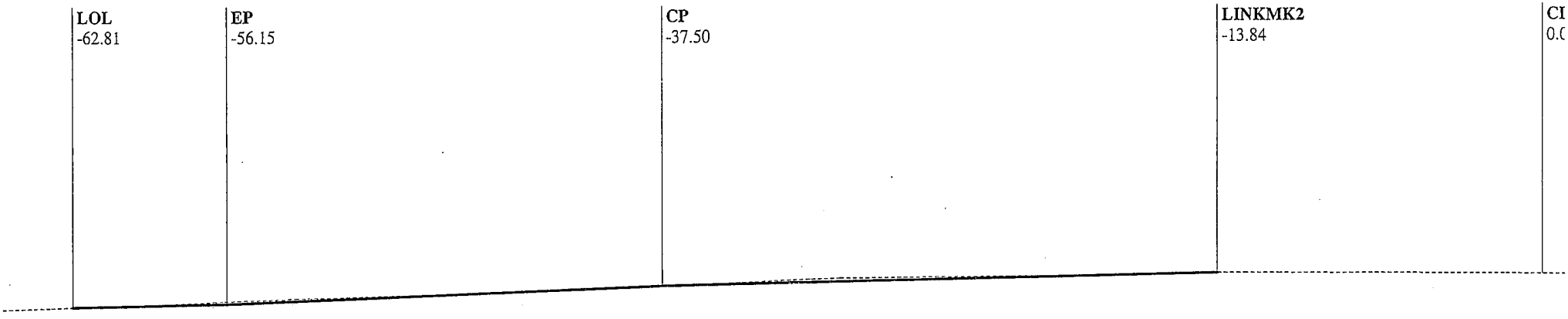
Alignment Chain CONSTCL1
Station: 179+25.00

LOL	EP	CP	LINKMK2	CL
-62.82	-56.16	-37.50	-13.61	0.00
13.79	13.93	14.78	15.23	15.08
-2.00%	-4.60%	-1.86%		
F 0.13	F 0.86	F 0.44	F 0.00	
@ 6.66	@ 18.66	@ 23.89	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM

Station Range: 156+00.00 to 181+01.11
Project Units: US Survey Feet

November 1, 2011 10:40:06 AM

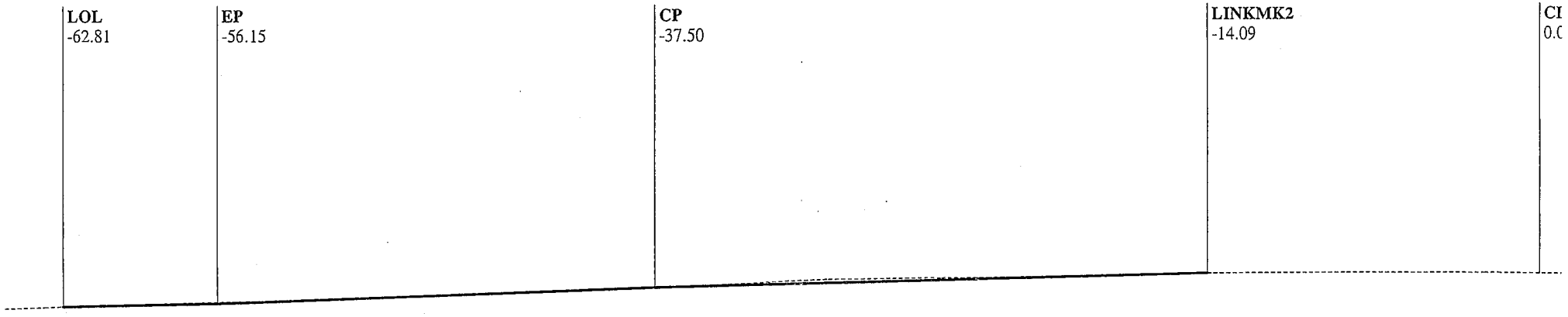


Alignment Chain CONSTCL1
Station: 179+50.00

LOL	EP	CP	LINKMK2	CL
-62.81	-56.15	-37.50	-13.84	0.00
13.80	13.93	14.69	15.16	15.06
-2.00%	-4.07%	-1.98%		
F 0.13	F 0.76	F 0.47	F 0.00	
@ 6.66	@ 18.65	@ 23.66	@ 0.00	

tation Range: 156+00.00 to 181+01.11
roject Units: US Survey Feet

SLOPE STAKE LISTING & DIAGRAM
November 1, 2011 10:40:06 AM



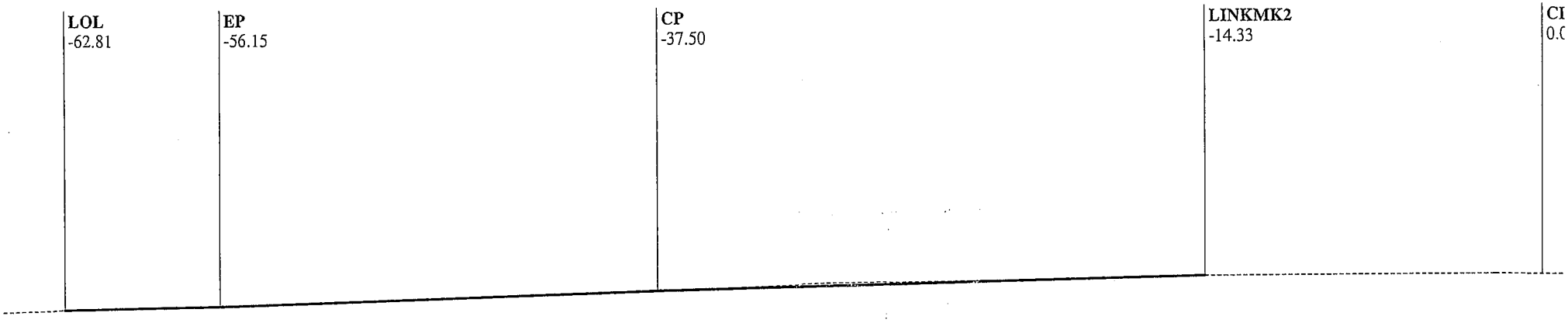
Alignment Chain CONSTCL1
Station: 179+75.00

LOL	EP	CP	LINKMK2	CL
-62.81	-56.15	-37.50	-14.09	0.00
13.80	13.93	14.59	15.09	15.03
-2.00%	-3.53%	-2.15%		
F 0.13	F 0.66	F 0.50	F 0.00	
@ 6.66	@ 18.65	@ 23.41	@ 0.00	

97

tation Range: 156+00.00 to 181+01.11
roject Units: US Survey Feet

SLOPE STAKE LISTING & DIAGRAM
November 1, 2011 10:40:06 AM



Alignment Chain CONSTCL1
Station: 180+00.00

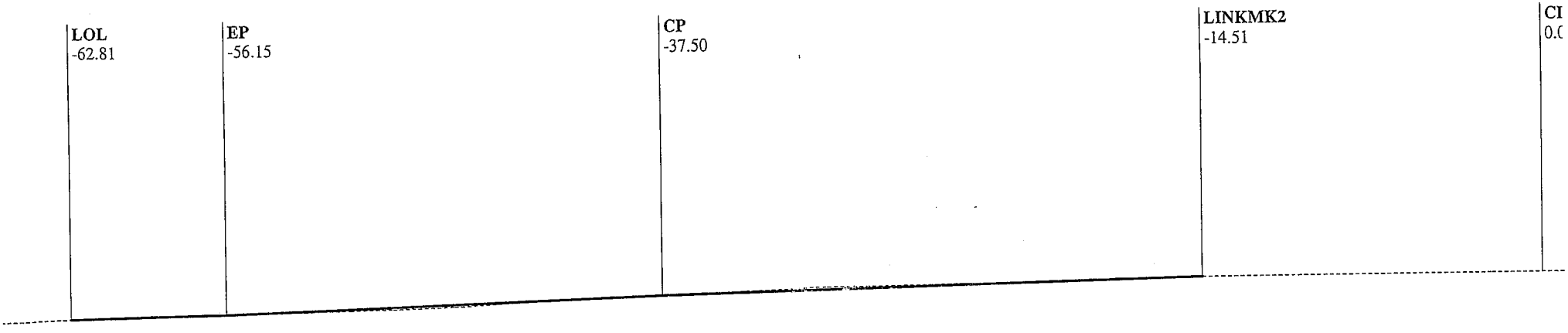
LOL	EP	CP	LINKMK2	CL
-62.81	-56.15	-37.50	-14.33	0.00
13.82	13.95	14.55	15.03	15.01
-2.00%	-3.21%	-2.08%		
F 0.13	F 0.60	F 0.48	F 0.00	
@ 6.66	@ 18.65	@ 23.17	@ 0.00	

98

SLOPE STAKE LISTING & DIAGRAM

November 1, 2011 10:40:06 AM

tation Range: 156+00.00 to 181+01.11
'roject Units: US Survey Feet



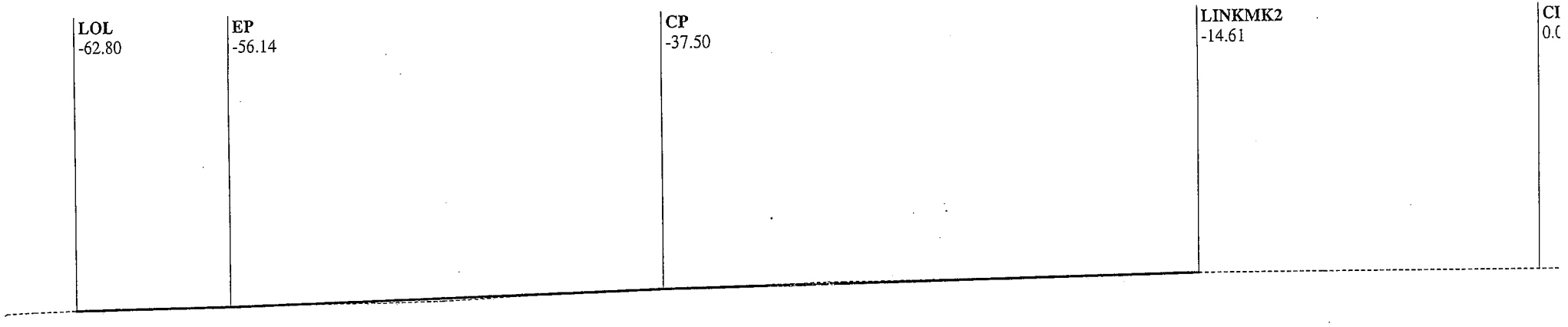
Alignment Chain CONSTCL1
Station: 180+15.47

LOL	EP	CP	LINKMK2	CL
-62.81	-56.15	-37.50	-14.51	0.00
13.83	13.96	14.54	14.99	14.99
-2.00%	-3.13%	-1.92%		
F 0.13	F 0.58	F 0.44	F 0.00	
@ 6.66	@ 18.65	@ 22.99	@ 0.00	

Station Range: 156+00.00 to 181+01.11
Project Units: US Survey Feet

SLOPE STAKE LISTING & DIAGRAM

November 1, 2011 10:40:06 AM

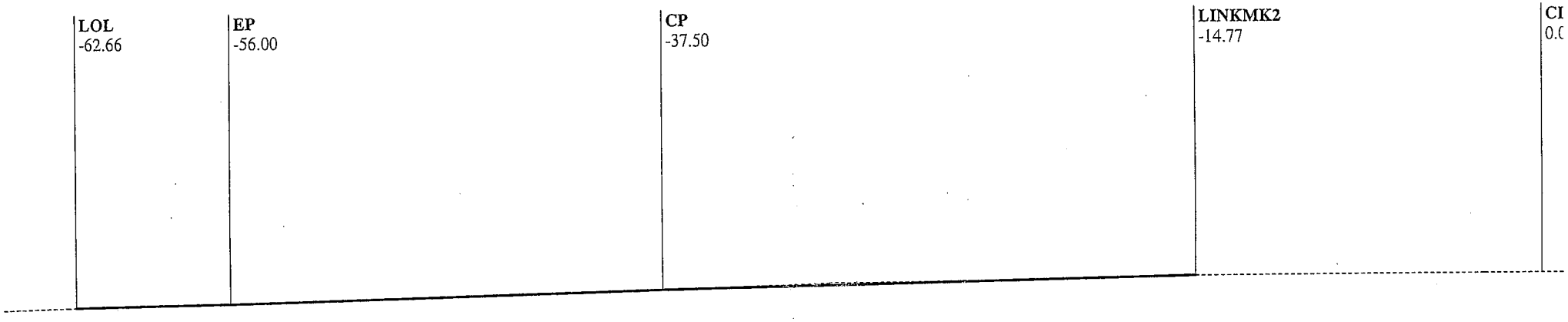


Alignment Chain CONSTCL1
Station: 180+25.00

LOL	EP	CP	LINKMK2	CL
-62.80	-56.14	-37.50	-14.61	0.00
13.83	13.97	14.54	14.96	14.95
-2.00%	-3.08%	-1.81%		
F 0.13	F 0.57	F 0.41	F 0.00	
@ 6.66	@ 18.64	@ 22.89	@ 0.00	

SLOPE STAKE LISTING & DIAGRAM
November 1, 2011 10:40:06 AM

Station Range: 156+00.00 to 181+01.11
Project Units: US Survey Feet



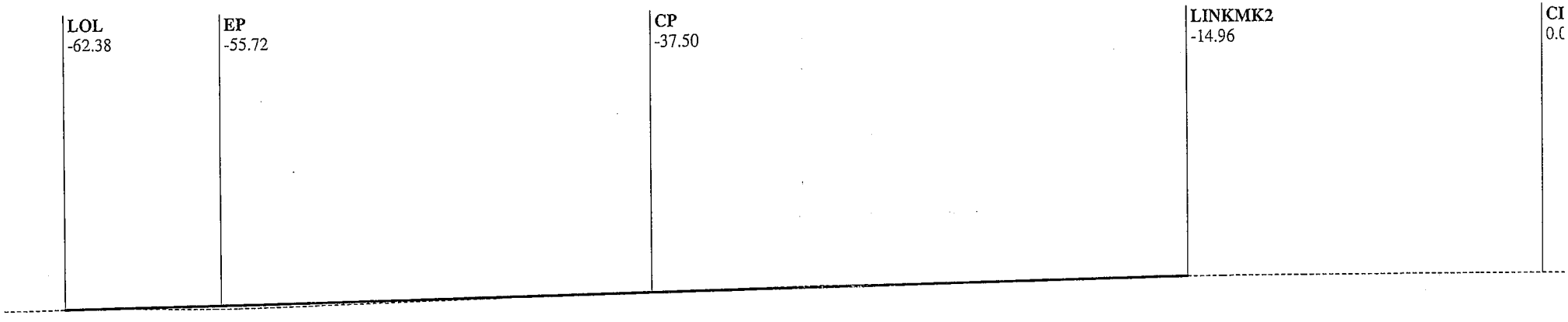
Alignment Chain CONSTCL1
Station: 180+50.00

LOL	EP	CP	LINKMK2	CL
-62.66	-56.00	-37.50	-14.77	0.00
13.85	13.98	14.48	14.88	14.87
-2.00%	-2.70%	-1.73%		
F 0.13	F 0.50	F 0.39	F 0.00	
@ 6.66	@ 18.50	@ 22.73	@ 0.00	

tation Range: 156+00.00 to 181+01.11
roject Units: US Survey Feet

SLOPE STAKE LISTING & DIAGRAM

November 1, 2011 10:40:06 AM



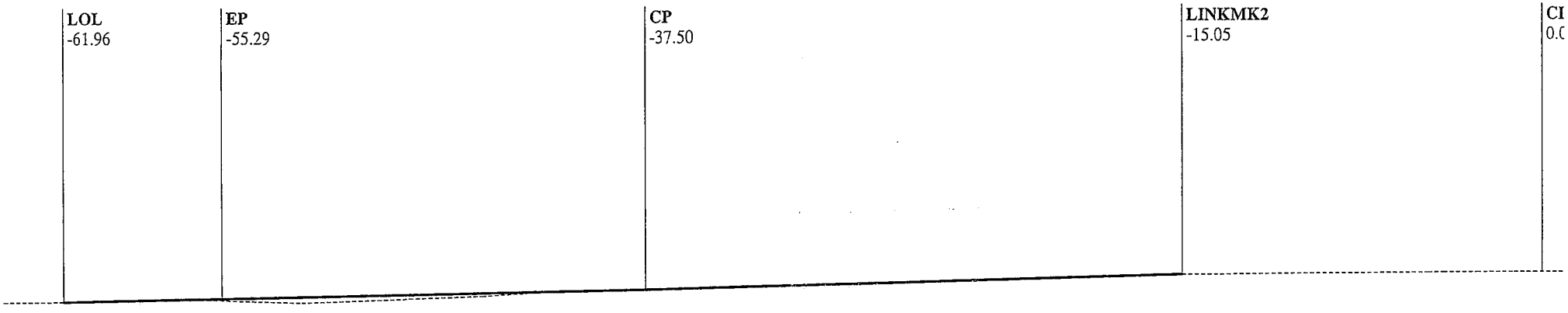
Alignment Chain CONSTCL1
Station: 180+75.00

LOL	EP	CP	LINKMK2	CL
-62.38	-55.72	-37.50	-14.96	0.00
13.82	13.95	14.38	14.83	14.85
-2.00%	-2.34%	-2.00%		
F 0.13	F 0.43	F 0.45	F 0.00	
@ 6.66	@ 18.22	@ 22.54	@ 0.00	

tation Range: 156+00.00 to 181+01.11
roject Units: US Survey Feet

SLOPE STAKE LISTING & DIAGRAM

November 1, 2011 10:40:06 AM



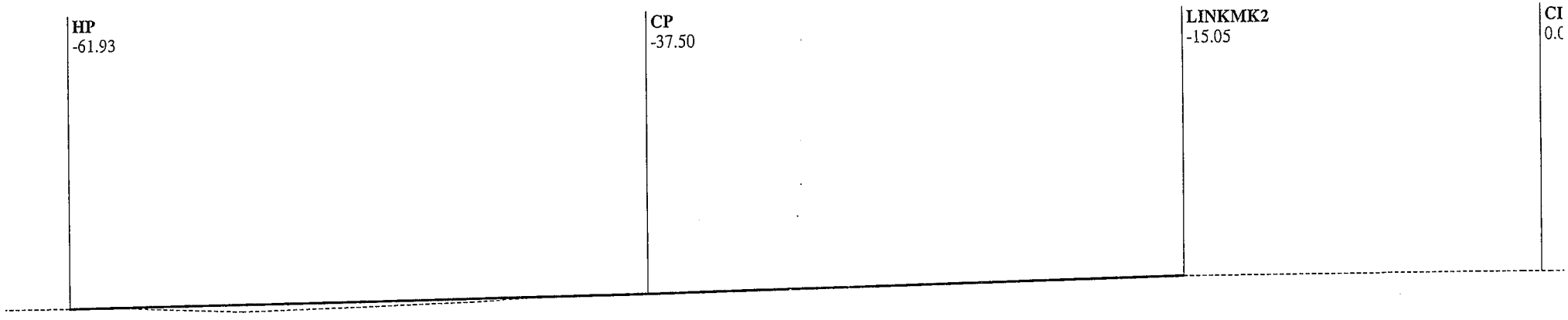
Alignment Chain CONSTCL1
Station: 181+00.00

LOL	EP	CP	LINKMK2	CL
-61.96	-55.29	-37.50	-15.05	0.00
13.79	13.93	14.27	14.79	14.84
-2.00%	-1.93%	-2.34%		
F 0.13	F 0.34	F 0.52	F 0.00	
@ 6.66	@ 17.79	@ 22.45	@ 0.00	

tation Range: 156+00.00 to 181+01.11
roject Units: US Survey Feet

SLOPE STAKE LISTING & DIAGRAM

November 1, 2011 10:40:06 AM



Alignment Chain CONSTCL1
Station: 181+01.11

HP	CP	LINKMK2	CL
-61.93	-37.50	-15.05	0.00
13.79	14.26	14.79	14.84
-1.92%	-2.35%		
F 0.47	F 0.53	F 0.00	
@ 24.43	@ 22.45	@ 0.00	