【帳票作成】

主要点計算書(1.主要点計算書.pdf)

主要点座標リスト

線形名　：○○路線-線形2（主測点間隔20m、S型、卵型）

緩和曲線種　：クロソイド(A)　　測点ピッチ　：20　　開始測点:　0+00.000000

No	主要点名	測点	X座標	Y座標	始点半径	パラメータ	終点半径	線形長	接線方向角
1	KA1-1	0+00.000000	-5,514.745986	-16,548.533731	0.000000	150.000000	-350.000000	64.285714	11-35-08.052
2	KE1-1	3+04.285714	-5,451.428147	-16,537.560712	-350.000000		-350.000000	185.854003	6-19-25.366
3	KE1-2	12+10.139717	-5,269.955918	-16,565.941657	-350.000000	150.000000	0.000000	64.285714	335-53-56.395
4	KA2-1	15+14.425432	-5,213.011733	-16,595.722788	0.000000	150.000000	250.000000	90.000000	330-38-13.708
5	KE2-1	20+04.425432	-5,132.185916	-16,635.015128	250.000000		250.000000	44.803504	340-57-01.374
6	KAE2	22+09.228936	-5,088.755507	-16,645.775550	250.000000	90.000000	200.000000	8.100000	351-13-06.918
7	KEE2	22+17.328936	-5,080.730432	-16,646.871405	200.000000		200.000000	29.836179	353-18-25.270
8	KE2-2	24+07.165115	-5,050.948480	-16,648.129669	200.000000	120.000000	0.000000	72.000000	1-51-16.039
9	KA3-1	27+19.165115	-4,979.885229	-16,637.216248	0.000000	140.000000	-280.000000	70.000000	12-10-03.704
10	KE3-1	31+09.165115	-4,910.950556	-16,625.333090	-280.000000		-280.000000	101.132200	5-00-20.603
11	EP	36+10.297315	-4,810.803961	-16,634.696586					344-18-40.554

中間点計算書(2.中間点計算書.pdf)

中間点成果出力

（入力）
コメント　：○○路線-線形2（主測点間隔20m、S型、卵型）
線形要素　：クロソイド(A)
開始測点　：0+00.000000
計算ピッチ　：20.000000

（出力）
KA1-1　/　KE1-1　線形長 = 64.285714　R1 = 0.000000　A = 150.000000　R2 = -350.000000

No.	測点	X座標	Y座標	接線方向角	単距離	累加距離	弦長	弦方向角
1	0+00.000000	-5,514.745986	-16,548.533731	11-35-08.052	0.000000	0.000000	19.999930	11-24-56.898
2	1+00.000000	-5,495.141723	-16,544.575190	11-04-34.587	20.000000	20.000000	19.999403	10-23-49.971
3	2+00.000000	-5,475.470705	-16,540.965871	9-32-54.193	20.000000	40.000000	19.998350	8-21-36.118
4	3+00.000000	-5,455.684858	-16,538.058253	7-00-06.868	20.000000	60.000000	4.285689	6-40-00.149
5	3+04.285714	-5,451.428147	-16,537.560712	6-19-25.366	4.285714	64.285714		

IP 諸元計算書(3.IP 諸元計算書.pdf)

ＩＰの角度・距離計算書

線形名　：○○路線-線形2（主測点間隔20m、S型、卵型）

ＩＰ番号	Ｘ座標	Ｙ座標	ＩＰ間距離	方向角	Ｉ　Ａ	パラメータ１	半　径	パラメータ２
BP	-5,514.745986	-16,548.533731						
			162.997594	11-35-08.052				
IP.1	-5,355.069328	-16,515.798727			40-56-54.344（左）	150.000000	350.000000	150.000000
			298.285101	330-38-13.708				
IP.2	-5,095.104362	-16,662.059515			41-31-49.995（右）	150.000000	250.000000 200.000000	90.000000 120.000000
			220.909228	12-10-03.704				
IP.3	-4,879.157885	-16,615.497665			27-51-23.149（左）	140.000000	280.000000	0.000000
			70.998996	344-18-40.554				
EP	-4,810.803961	-16,634.696586						

［ ○○路線-線形2（主測点間隔20m、S型、卵型）　］

IPNO.　1　［　　］

交会点（IP）　X = -5,355.069328　Y = -16,515.798727　交　角(IA)　40-56-54.344（左カーブ）
曲線中点（SP）　7+17.212716　X = -5,358.797062　Y = -16,539.634443　接線方向角　351-06-40.880

構成要素　A1 = 150.000000　R1 = -350.000000　A2 = 150.000000
セカント　SL = 24.125450
曲線長　CL = 314.425432
接線長　TL = 162.997594

点　名	測　点	曲線長	弦長/中央縦距	Ｘ座標	Ｙ座標	接線角 / ia
KA1-1	0+00.000000	64.285714	64.261620	-5,514.745986	-16,548.533731	11-35-08.052
KE1-1	3+04.285714	185.854003	183.678110	-5,451.428147	-16,537.560712	6-19-25.366
円　心　1			12.264026	-5,412.877163	-16,885.431121	
KE1-2	12+10.139717	64.285714	64.261620	-5,269.955918	-16,565.941657	335-53-56.395
KA2-1	15+14.425432			-5,213.011733	-16,595.722788	330-38-13.708

（クロソイド(A)　諸量）

A = 150.000000
R = -350.000000　τ = -5-15-42.686　X = 64.231517　Y = -1.966745　ΔR = -0.491834　XM = 32.133823
W = -130.863771

A = 150.000000
R = -350.000000　τ = -5-15-42.686　X = 64.231517　Y = -1.966745　ΔR = -0.491834　XM = 32.133823
W = -130.863771

縦断計算書(4.縦断計算書.pdf)

縦断入力データ

コメント　：○○路線-線形2（主測点間隔20m、S型、卵型）
測点範囲　：　0+00.000000　～　36+10.297315

縦断線形名称　：縦断線形1

No.	測点	累加距離	(区間距離)	交点高	(高低差)	(勾配%)	VCL	VCR	非VC区間距離
1	0+00.000000	0.000000	92.862460	83.550040	-4.353960	-4.688612			42.862460
2	4+12.862460	92.862460	148.313693	79.196080	-5.086580	-3.429609	100.000000	7,942.796846	48.313693
3	12+01.176153	241.176153	205.970283	74.109500	-0.786710	-0.381953	100.000000	3,281.210213	105.970283
4	22+07.146436	447.146436	217.563357	73.322790	-0.786710	-0.361600	100.000000	491,334.24931	117.563357
5	33+04.709793	664.709793	65.587522	72.536080	-2.439180	-3.718970	100.000000	2,978.522606	15.587522
6	36+10.297315	730.297315		70.096900					

縦断成果（中間点）出力－付加情報（地盤高）

No.	測点	接線高	Y	計画高	地盤高	切土高	盛土高
1	0+00.000000	83.550040	0.000000	83.550040	93.581800	10.031760	
2	1+00.000000	82.612318	0.000000	82.612318	92.543585	9.931267	
3	2+00.000000	81.674595	0.000000	81.674595	85.108331	3.433735	
4	2+02.862460	81.540386	0.000000	81.540386	84.237563	2.697178	
5	3+00.000000	80.736873	0.018488	80.755361	79.501674		1.253688
6	3+04.285714	80.535933	0.028891	80.564824	78.728920		1.835904
7	4+00.000000	79.799151	0.086821	79.885971	78.555944		1.330028
8	4+12.862460	79.196080	0.157375	79.353455	79.138767		0.214688
9	5+00.000000	78.951290	0.115651	79.066942	79.693889	0.626947	
10	6+00.000000	78.265368	0.032904	78.298272	82.947473	4.649201	
11	7+00.000000	77.579447	0.000516	77.579962	82.352252	4.772290	
12	7+02.862460	77.481275	0.000000	77.481275	81.512373	4.031098	
13	8+00.000000	76.893525	0.000000	76.893525	74.253464		2.640061
14	9+00.000000	76.207603	0.000000	76.207603	70.773915		5.433688
15	9+11.176153	75.824305	0.000000	75.824305	71.888339		3.935966
16	10+00.000000	75.521681	0.011865	75.533546	75.040866		0.492680
17	11+00.000000	74.835759	0.126602	74.962361	78.047189	3.084828	
18	12+00.000000	74.149837	0.363245	74.513083	75.172315	0.659232	
19	12+01.176153	74.109500	0.380957	74.490457	74.914096	0.423639	
20	12+10.139717	74.075263	0.256611	74.331874	72.997250		1.334624
21	13+00.000000	74.037602	0.148109	74.185711	71.451513		2.734198
22	14+00.000000	73.961211	0.019034	73.980245	69.831261		4.148984
23	14+11.176153	73.918523	0.000000	73.918523	69.859004		4.059520
24	15+00.000000	73.884820	0.000000	73.884820	69.967386		3.917434
25	15+14.425432	73.829722	0.000000	73.829722	70.309500		3.520222
26	16+00.000000	73.808430	0.000000	73.808430	70.280413		3.528017
27	17+00.000000	73.732039	0.000000	73.732039	73.164355		0.567684
28	18+00.000000	73.655649	0.000000	73.655649	80.140954	6.485305	
29	19+00.000000	73.579258	0.000000	73.579258	81.288459	7.709201	
30	19+17.146436	73.513767	0.000000	73.513767	80.153649	6.639882	
31	20+00.000000	73.502867	0.000008	73.502876	79.942809	6.439934	
32	20+04.425432	73.485964	0.000054	73.486018	79.615830	6.129812	
33	21+00.000000	73.426477	0.000531	73.427008	74.497444	1.070435	
34	22+00.000000	73.350086	0.001869	73.351955	78.845535	5.493581	
35	22+07.146436	73.322790	0.002544	73.325334	81.717570	8.392236	
36	22+09.228936	73.315260	0.002337	73.317596	81.905140	8.587544	
37	22+17.328936	73.285970	0.001613	73.287583	81.206670	7.919087	
38	23+00.000000	73.276311	0.001404	73.277716	80.911041	7.633325	
39	24+00.000000	73.203991	0.000299	73.204291	76.035276	2.830985	
40	24+07.165115	73.178082	0.000101	73.178184	73.682210	0.504026	
41	24+17.146436	73.141990	0.000000	73.141990	71.928974		1.213016
42	25+00.000000	73.131671	0.000000	73.131671	71.549323		1.582348
43	26+00.000000	73.059351	0.000000	73.059351	71.906920		1.152431
44	27+00.000000	72.987031	0.000000	72.987031	72.405354		0.581678
45	27+19.165115	72.917730	0.000000	72.917730	74.235460	1.317730	
46	28+00.000000	72.914711	0.000000	72.914711	74.353325	1.438614	
47	29+00.000000	72.842391	0.000000	72.842391	73.203077	0.360686	
48	30+00.000000	72.770071	0.000000	72.770071	72.508728		0.261342
49	30+14.709793	72.716880	0.000000	72.716880	72.243194		0.473686
50	31+00.000000	72.697751	-0.004698	72.693053	72.376042		0.317011

横断勾配すり付け計算書

線 形 名 ： ○○路線-線形2（主測点間隔20m、S型、卵型）
横断面名称 ： （名称未設定）
測点ピッチ ： 測点ピッチ=20　　計算範囲 ： 0+00.000000 ～ 36+10.297315
計算ピッチ ： 20.000000

左側			右側		
摘 要	片勾配	測 点	片勾配	摘 要	備 考
	2.000000	0+00.000000	-2.000000		
	2.000000	1+00.000000	0.000000		
	2.000000	2+00.000000	2.000000		
	3.647059	3+00.000000	3.647059		
	4.000000	3+04.285714	4.000000		
	4.000000	4+00.000000	4.000000		
	4.000000	5+00.000000	4.000000		
	4.000000	6+00.000000	4.000000		
	4.000000	7+00.000000	4.000000		
	4.000000	8+00.000000	4.000000		
	4.000000	9+00.000000	4.000000		
	4.000000	10+00.000000	4.000000		
	4.000000	11+00.000000	4.000000		
	4.000000	12+00.000000	4.000000		
	4.000000	12+10.139717	4.000000		
	3.000000	13+00.000000	1.688502		
	2.000000	14+00.000000	-3.000000		
	1.000000	15+00.000000	-2.000000		
	-0.117929	15+14.425432	-1.278728		
	-0.549941	16+00.000000	-1.000000		
	-2.000000	16+18.711146	-2.000000		
	-1.878917	17+00.000000	-1.848647		
	0.000000	18+00.000000	0.500000		
	-1.000000	19+00.000000	-1.500000		
	-2.000000	20+00.000000	-2.500000		
	-5.000000	20+04.425432	-5.000000		
	-5.000000	21+00.000000	-5.000000		
	-5.000000	22+00.000000	-5.000000		
	-5.000000	22+09.228936	-5.000000		
	-6.000000	22+17.328936	-6.000000		
	-6.000000	23+00.000000	-6.000000		
	-6.000000	24+00.000000	-6.000000		
	-6.000000	24+07.165115	-6.000000		
	-5.106432	25+00.000000	-5.106432		
	-3.714027	26+00.000000	-3.714027		
	-2.321622	27+00.000000	-2.321622		
	-2.000000	27+04.619660	-2.000000		
	-0.545454	27+19.165115	-0.545454		
	-0.461966	28+00.000000	-0.461966		
	1.538034	29+00.000000	1.538034		
	2.000000	29+04.619660	2.000000		
	3.035819	30+00.000000	3.035819		

巾杭座標計算書(6.幅杭座標計算書.pdf)

巾 杭 成 果 出 力

コメント　：○○路線-線形2（主測点間隔20m、S型、卵型）
巾杭データ　：データ再現
出力範囲　：　0+00.000000　～　36+10.297315

Page.　1

測点	X座標	Y座標	接線方向角	離れ巾(左) (名　称)	XL (摘要)	YL	離れ巾(右) (名　称)	XR (摘要)	YR
0+00.000000	-5,514.745986	-16,548.533731	11-35-08.052	19.300000 (幅杭-L1)	-5,510.869944 ( )	-16,567.440510	27.000000 (幅杭-R1)	-5,520.168429 ( )	-16,522.083833
1+00.000000	-5,495.141723	-16,544.575190	11-04-34.587	18.800000 (幅杭-L2)	-5,491.529949 ( )	-16,563.024989	27.500000 (幅杭-R2)	-5,500.424902 ( )	-16,517.587452
2+00.000000	-5,475.470705	-16,540.965871	9-32-54.193	9.200000 (幅杭-L3)	-5,473.944604 ( )	-16,550.038413	18.700000 (幅杭-R3)	-5,478.572670 ( )	-16,522.524944
2+11.165000	-5,464.441179	-16,539.233398	8-15-08.679	6.800000 (幅杭-L4)	-5,463.465146 ( )	-16,545.962986	6.100000 (幅杭-R4)	-5,465.316738 ( )	-16,533.196561
2+15.583000	-5,460.065727	-16,538.621869	7-39-06.965	6.100000 (幅杭-L5)	-5,459.253483 ( )	-16,544.667551	6.900000 (幅杭-R5)	-5,460.984495 ( )	-16,531.783312
3+00.000000	-5,455.684858	-16,538.058253	7-00-06.868	6.700000 (幅杭-L6)	-5,454.868112 ( )	-16,544.708285	7.800000 (幅杭-R6)	-5,456.635696 ( )	-16,530.316425
3+04.286000	-5,451.427863	-16,537.560680	6-19-25.198	7.000000 (幅杭-L7)	-5,450.656849 ( )	-16,544.518089	8.800000 (幅杭-R7)	-5,452.397138 ( )	-16,528.814224
3+18.823000	-5,436.950220	-16,536.259977	3-56-38.136	5.900000 (幅杭-L8)	-5,436.544417 ( )	-16,542.146005	11.300000 (幅杭-R8)	-5,437.727436 ( )	-16,524.986737
4+00.000000	-5,435.775873	-16,536.180997	3-45-04.497	6.400000 (幅杭-L9)	-5,435.357154 ( )	-16,542.567285	11.400000 (幅杭-R9)	-5,436.521717 ( )	-16,524.805422
4+12.862000	-5,422.928858	-16,535.575489	1-38-44.560	10.800000 (幅杭-L10)	-5,422.618692 ( )	-16,546.371034	12.100000 (幅杭-R10)	-5,423.276360 ( )	-16,523.480480
5+00.000000	-5,415.792207	-16,535.443261	0-28-37.937	16.600000 (幅杭-L11)	-5,415.653951 ( )	-16,552.042685	11.900000 (幅杭-R11)	-5,415.891318 ( )	-16,523.543673
5+10.948000	-5,404.844946	-16,535.523300	358-41-05.974	25.100000 (幅杭-L12)	-5,405.420971 ( )	-16,560.616689	5.900000 (幅杭-R12)	-5,404.709546 ( )	-16,529.624854
6+00.000000	-5,395.799025	-16,535.848031	357-12-11.376	23.700000 (幅杭-L13)	-5,396.955459 ( )	-16,559.519800	7.700000 (幅杭-R13)	-5,395.423306 ( )	-16,528.157203
7+00.000000	-5,375.861593	-16,537.393986	353-55-44.816	12.100000 (幅杭-L14)	-5,377.141274 ( )	-16,549.426127	9.900000 (幅杭-R14)	-5,374.814581 ( )	-16,527.549507

座標点一覧表(7.座標点一覧.pdf)

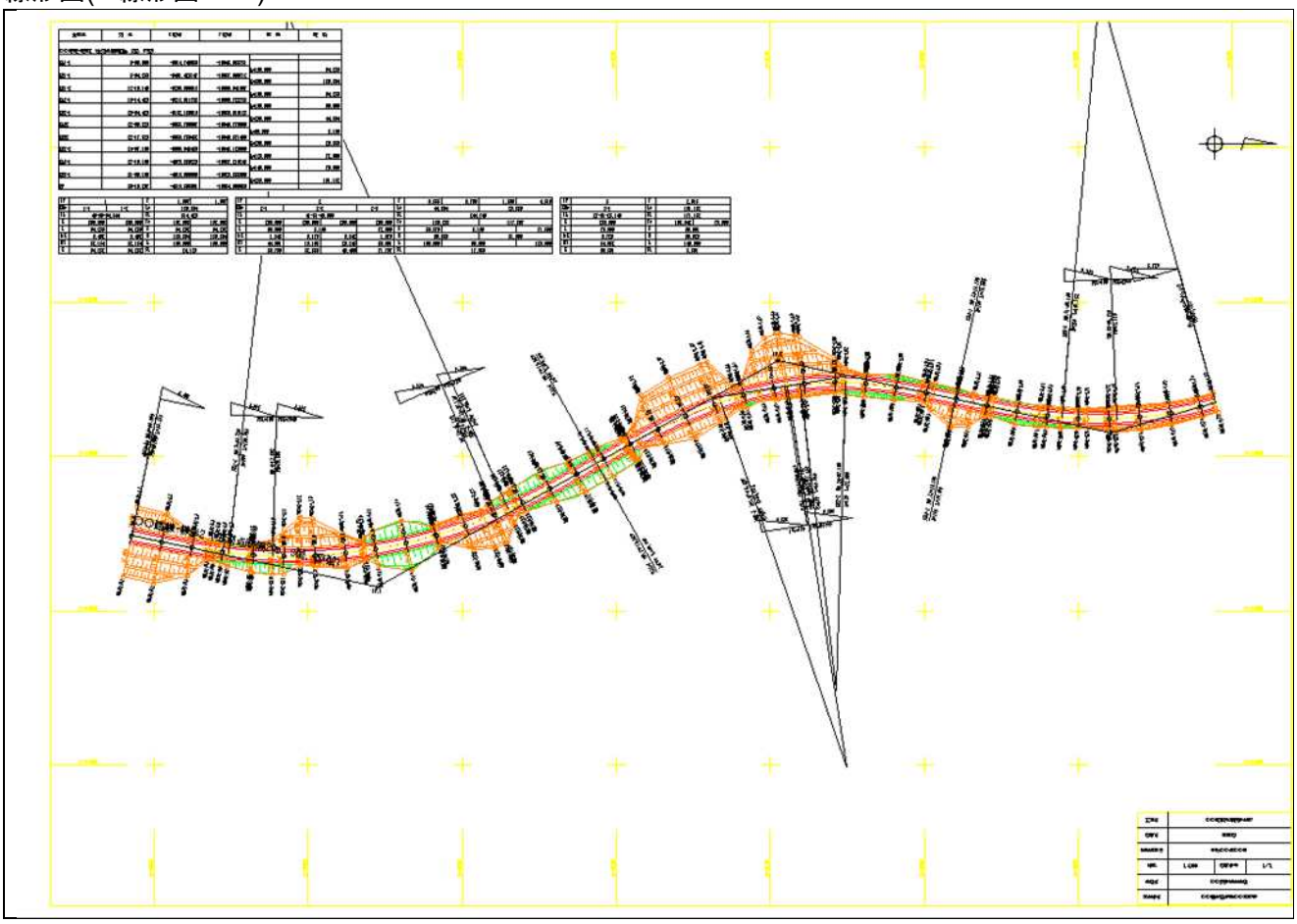
コントロールポイント登録データ

コメント　：LandXML_13_240318-IntermediatePnts1
ＣＰ結線　：しない

No.	ＣＰ名称	X座標	Y座標	離れ	標高	標高余裕
1	KA1-1	-5,514.745986	-16,548.533731	0.000000	83.550040	0.000000
2	NO.1	-5,495.141723	-16,544.575190	0.000000	82.612320	0.000000
3	NO.2	-5,475.470705	-16,540.965871	0.000000	81.674600	0.000000
4	NO.3	-5,455.684858	-16,538.058253	0.000000	80.755360	0.000000
5	KE1-1	-5,451.428147	-16,537.560712	0.000000	80.564820	0.000000
6	NO.4	-5,435.775873	-16,536.180997	0.000000	79.885970	0.000000
7	NO.5	-5,415.792207	-16,535.443261	0.000000	79.066940	0.000000
8	NO.6	-5,395.799025	-16,535.848031	0.000000	78.298270	0.000000
9	NO.7	-5,375.861593	-16,537.393986	0.000000	77.579960	0.000000
10	NO.8	-5,356.044995	-16,540.076080	0.000000	76.893520	0.000000
11	NO.9	-5,336.413922	-16,543.885557	0.000000	76.207600	0.000000
12	NO.10	-5,317.032456	-16,548.809981	0.000000	75.533550	0.000000
13	NO.11	-5,297.963867	-16,554.833277	0.000000	74.962360	0.000000
14	NO.12	-5,279.270404	-16,561.935783	0.000000	74.513080	0.000000
15	KE1-2	-5,269.955918	-16,565.941657	0.000000	74.331870	0.000000
16	NO.13	-5,261.010057	-16,570.087891	0.000000	74.185710	0.000000
17	NO.14	-5,243.160689	-16,579.107200	0.000000	73.980240	0.000000
18	NO.15	-5,225.594833	-16,588.668832	0.000000	73.884820	0.000000
19	KA1-2/KA2-1	-5,213.011733	-16,595.722788	0.000000	73.829720	0.000000
20	NO.16	-5,208.152691	-16,598.455097	0.000000	73.808430	0.000000
21	NO.17	-5,190.662399	-16,608.154742	0.000000	73.732040	0.000000
22	NO.18	-5,172.956740	-16,617.453997	0.000000	73.655650	0.000000
23	NO.19	-5,154.890076	-16,626.028035	0.000000	73.579260	0.000000
24	NO.20	-5,136.356210	-16,633.534382	0.000000	73.502880	0.000000
25	KE2-1	-5,132.185916	-16,635.015128	0.000000	73.486020	0.000000
26	NO.21	-5,117.315500	-16,639.636757	0.000000	73.427010	0.000000
27	NO.22	-5,097.848187	-16,644.198601	0.000000	73.351950	0.000000
28	KAE2	-5,088.755507	-16,645.775550	0.000000	73.317600	0.000000
29	KEE2	-5,080.730432	-16,646.871405	0.000000	73.287580	0.000000
30	NO.23	-5,078.075571	-16,647.164992	0.000000	73.277720	0.000000
31	NO.24	-5,058.112464	-16,648.233222	0.000000	73.204290	0.000000
32	KE2-2	-5,050.948480	-16,648.129669	0.000000	73.178180	0.000000
33	NO.25	-5,038.140518	-16,647.327524	0.000000	73.131670	0.000000
34	NO.26	-5,018.306162	-16,644.789320	0.000000	73.059350	0.000000
35	NO.27	-4,998.636665	-16,641.176041	0.000000	72.987030	0.000000
36	KA2-2/KA3-1	-4,979.885229	-16,637.216248	0.000000	72.917730	0.000000
37	NO.28	-4,979.069099	-16,637.040281	0.000000	72.914710	0.000000
38	NO.29	-4,959.502442	-16,632.900035	0.000000	72.842390	0.000000
39	NO.30	-4,939.852902	-16,629.176816	0.000000	72.770070	0.000000
40	NO.31	-4,920.066725	-16,626.275559	0.000000	72.693050	0.000000
41	KE3-1	-4,910.950556	-16,625.333090	0.000000	72.629530	0.000000

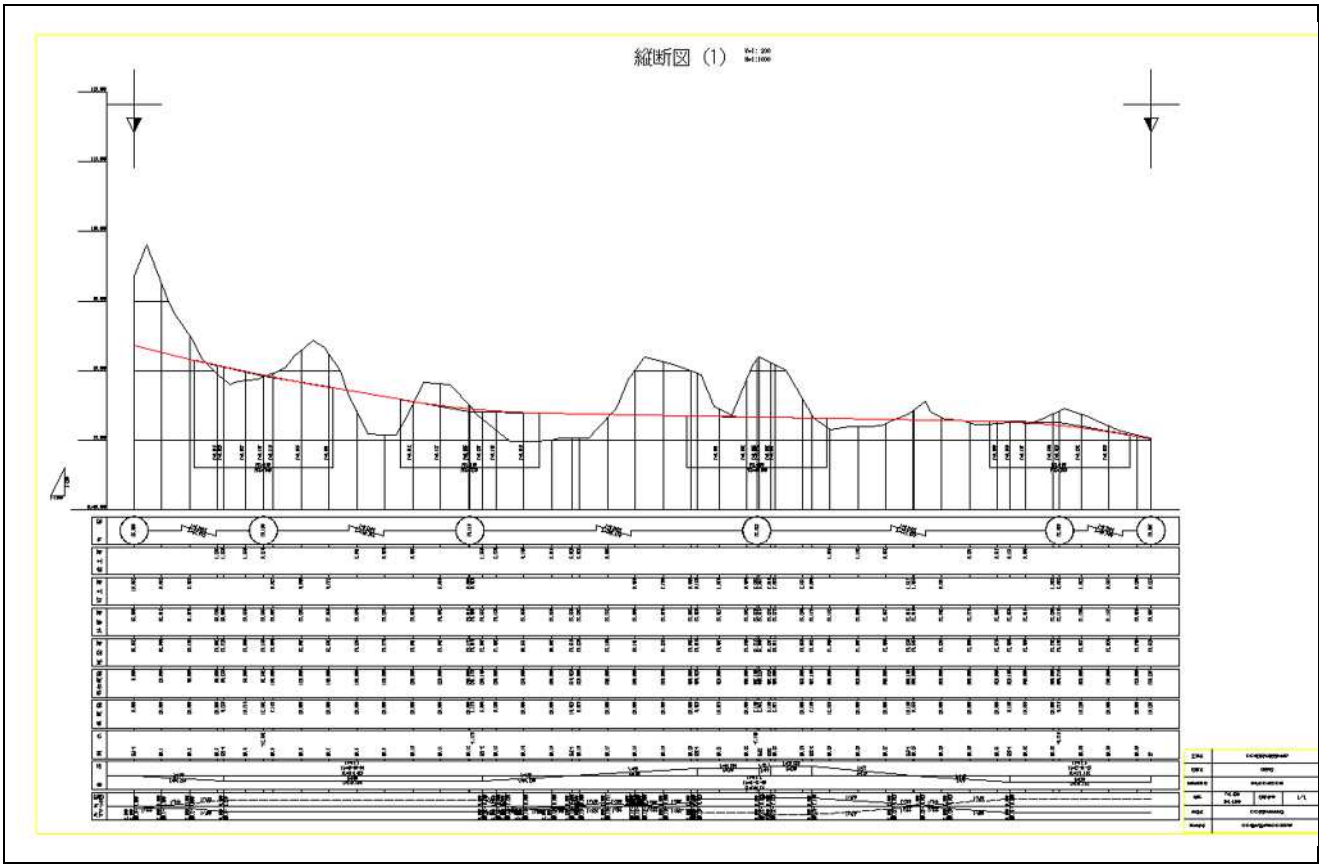
【図面作成】

線形図(1.線形図.P21)



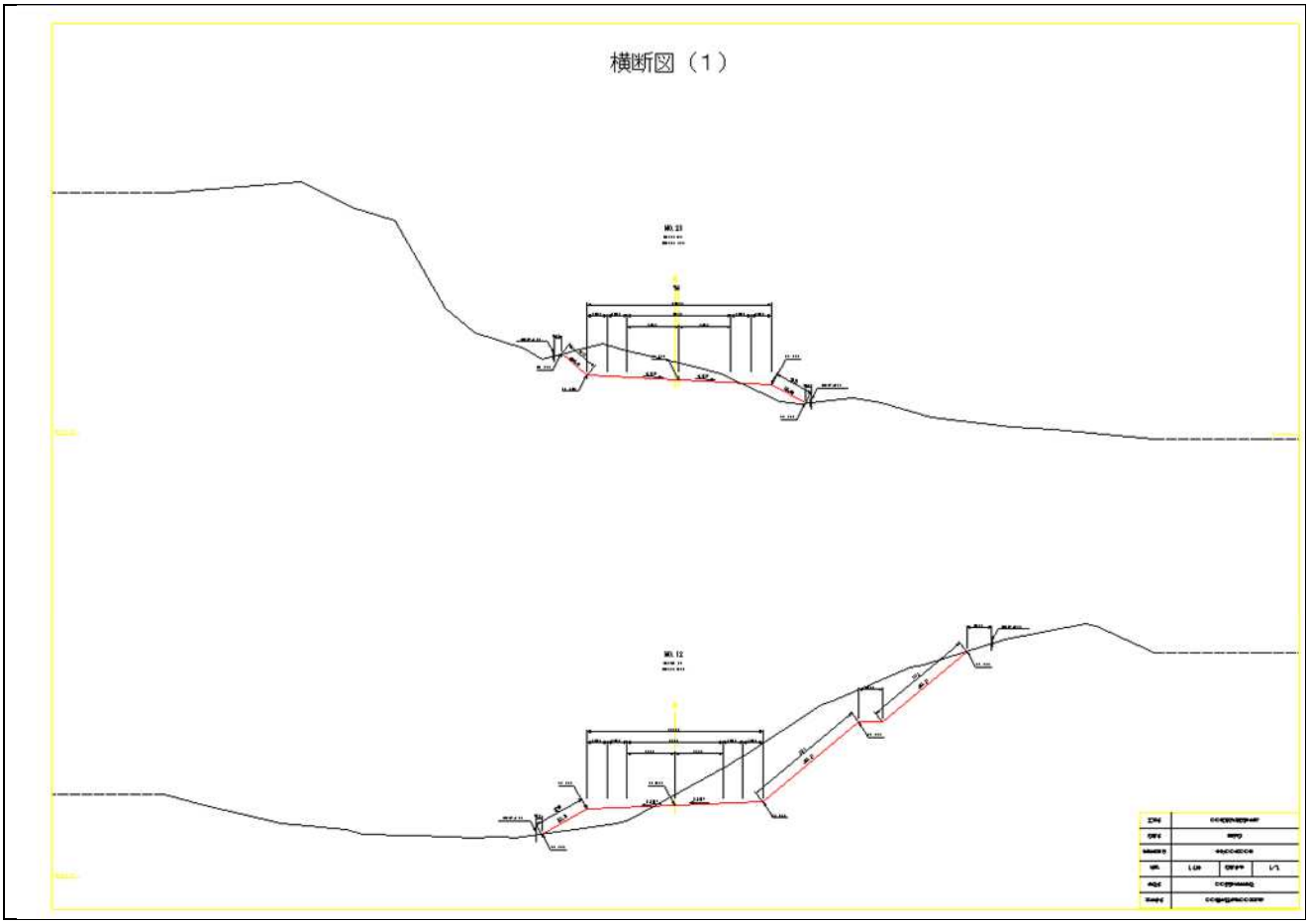
縦断図(2.縦断図.p21)

図面作成「縦断図」にはオプション製品[OP-PROF]が必要



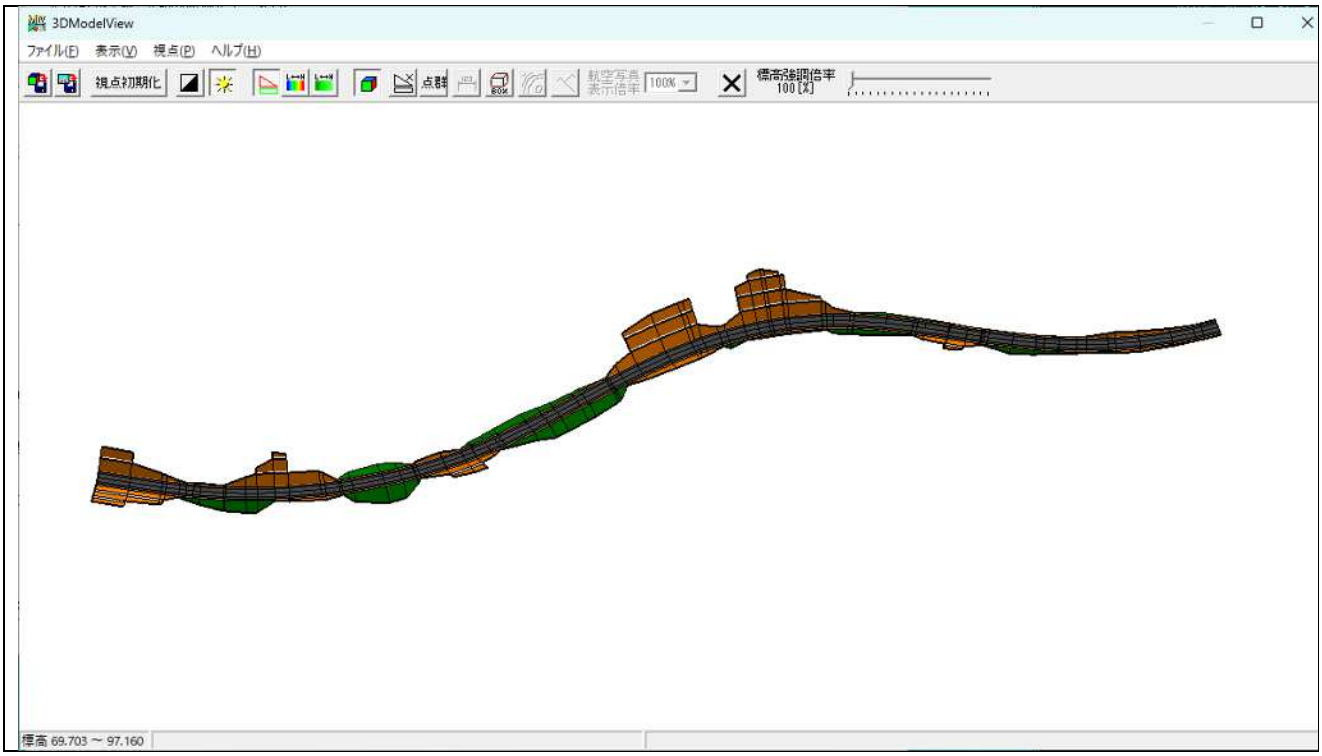
横断図(3.横断図.P21)

図面作成「横断図」にはオプション製品[OP-SECT]が必要



【3 次元表示】

サーフェス
形状：平面線形、横断形状の接続
塗り潰し表示とワイヤフレーム表示の切替が可能



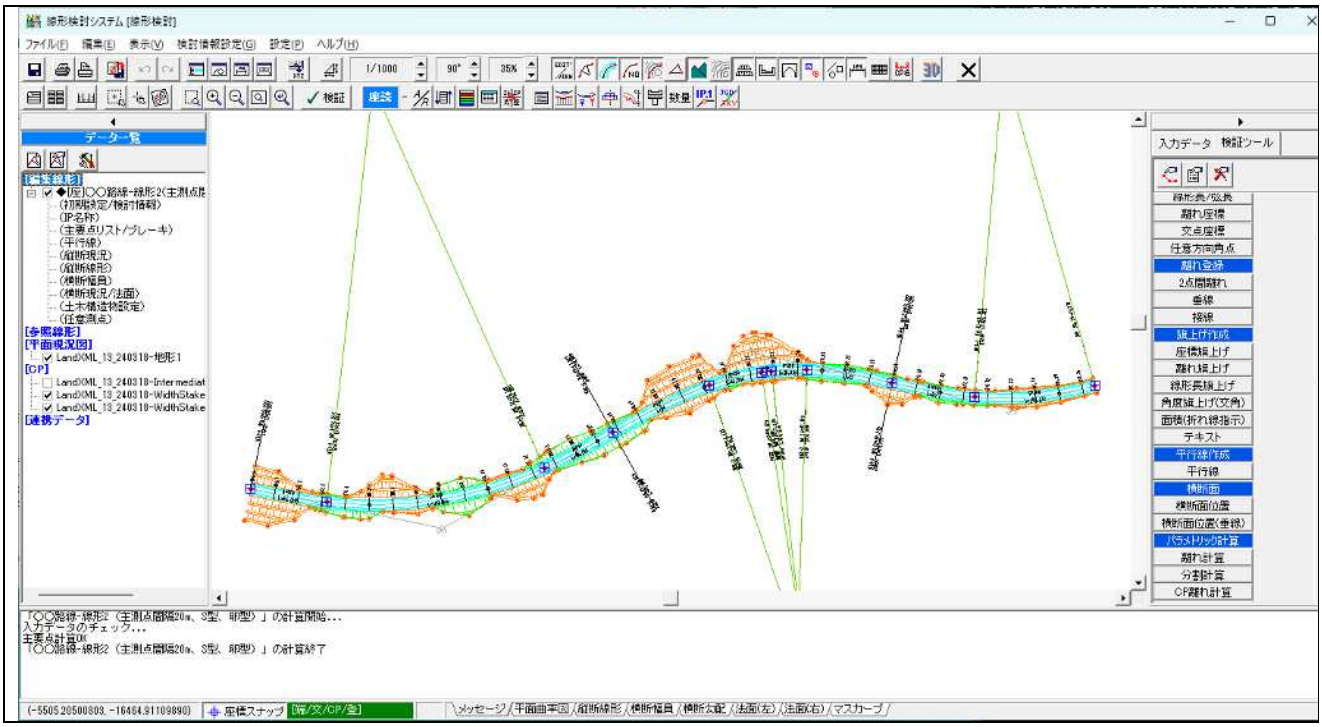
【2 次元表示】

平面線形

形状：平面線形、IP 点、主要点、中間点、座標点、幅杭

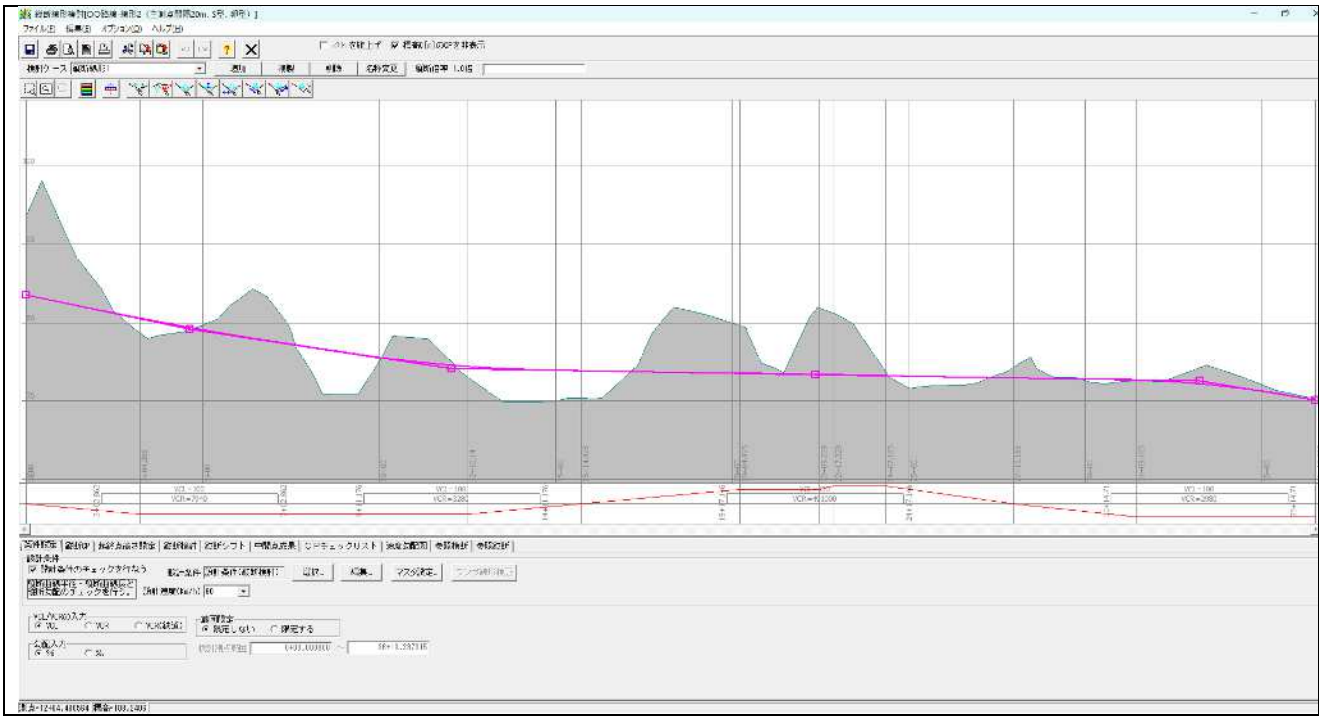
注記：曲線要素のパラメータ、中間点名称、IP 点名称

表示色の変更が可能



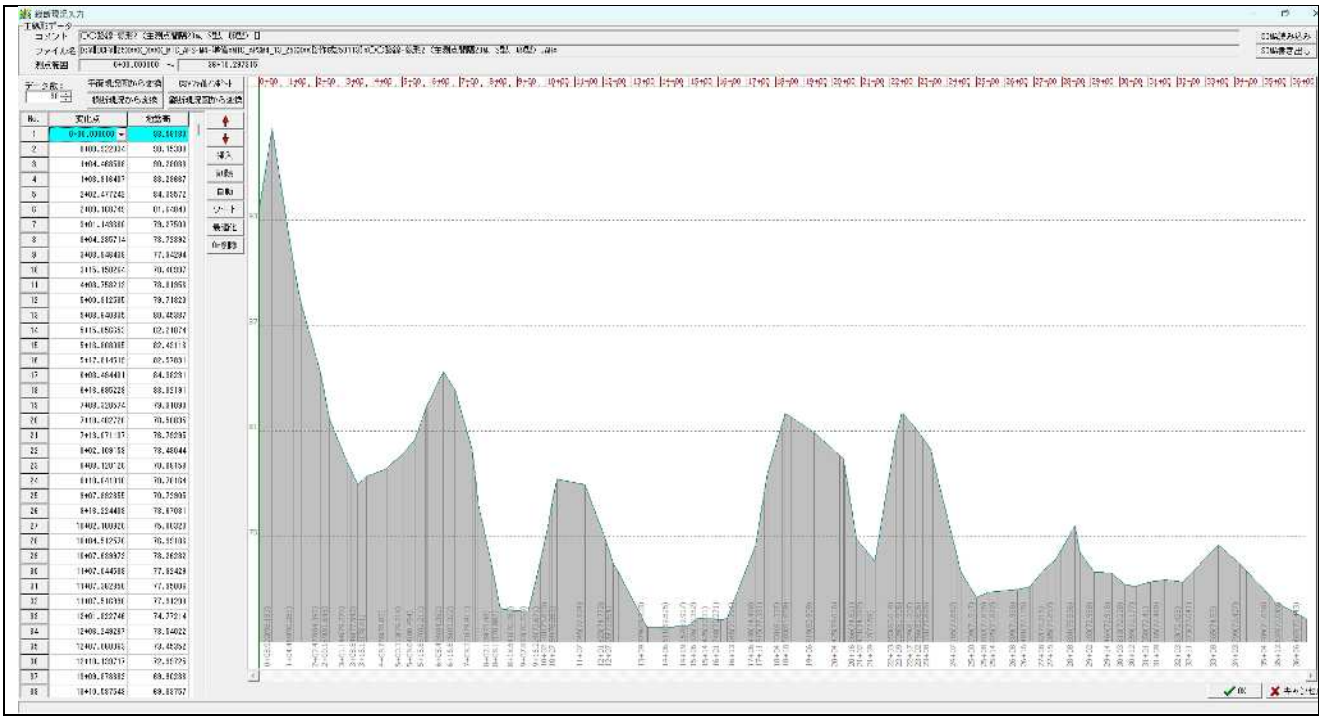
縦断線形

形状：縦断線形、縦断地盤線



縦断地盤線

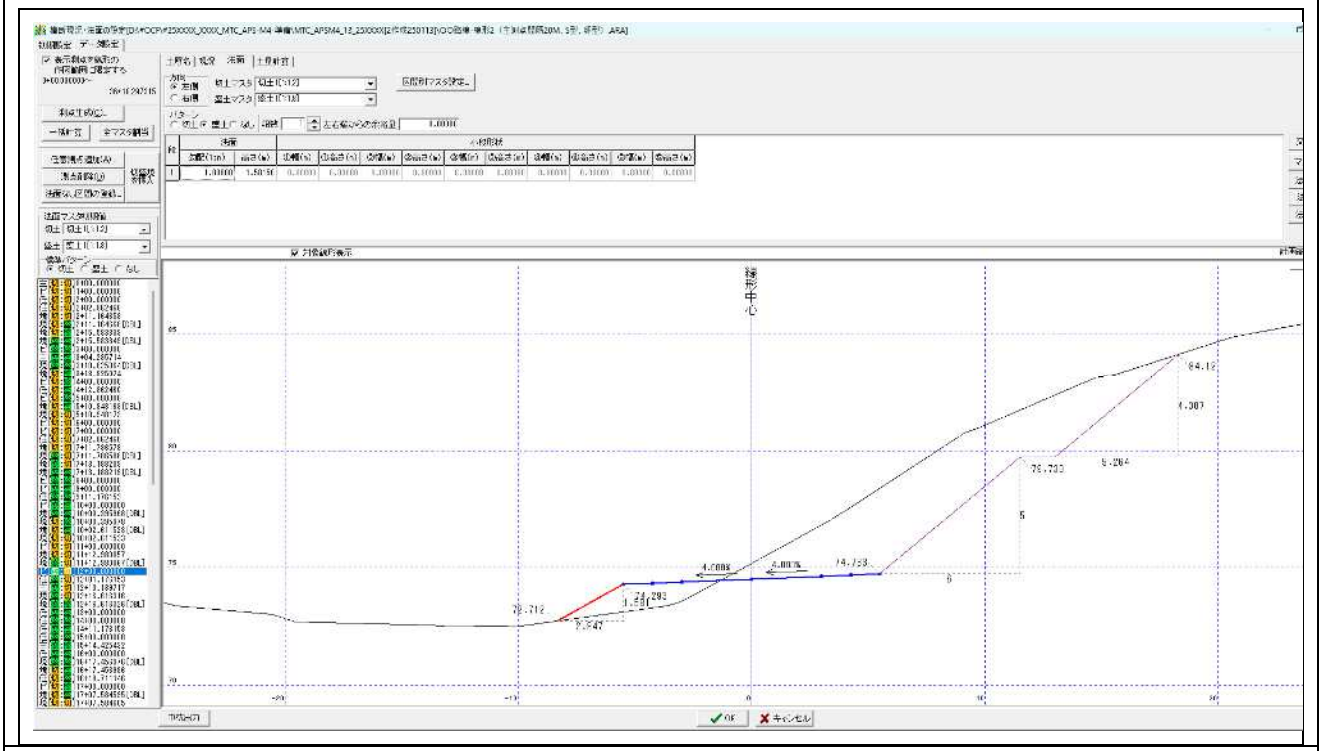
形状：縦断地盤線



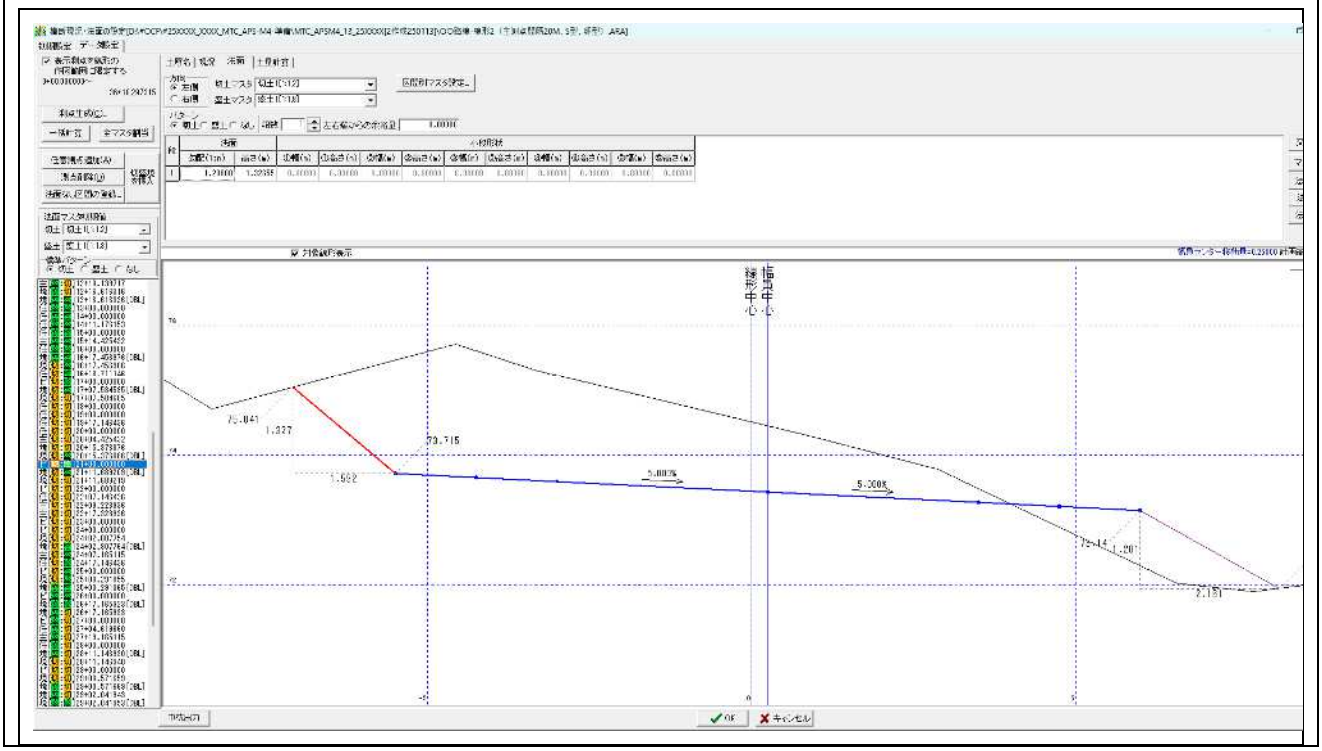
横断形状セット

形状:道路面、法面、現況地形

NO.12

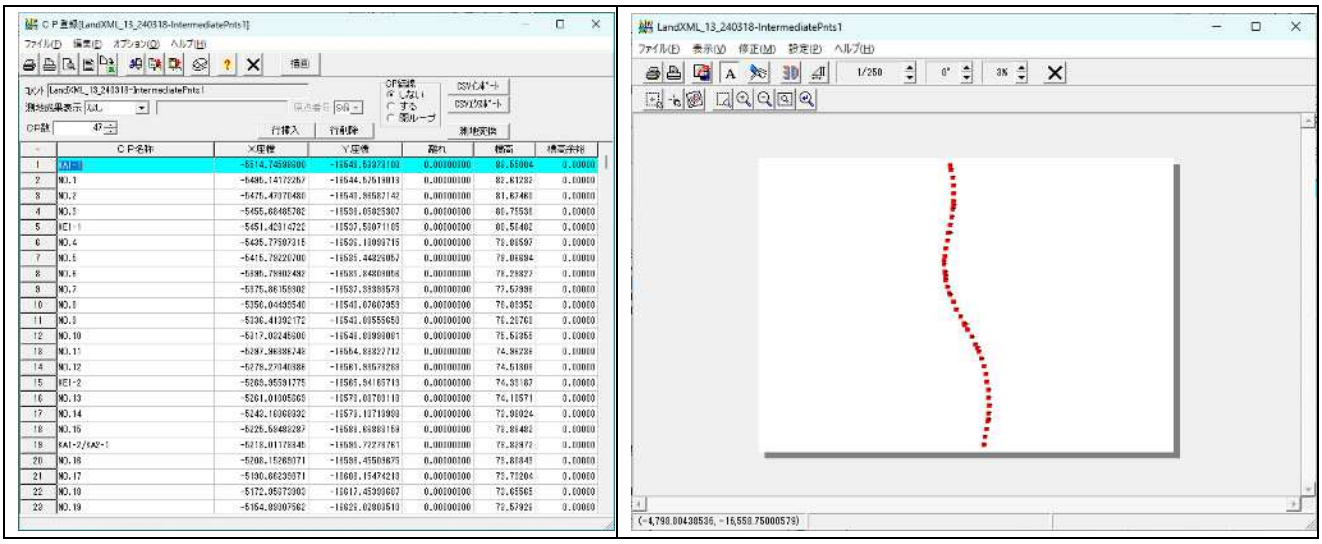


NO.21



座標点

形状:座標点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1/250

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