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VARIANTNI IZRISI SITUACIJE, NIVELETE IN PREČNIH PROFILOV ZA PROTIPOŽARNO PROMETNICO JERUSI – OE POSTOJNA

ŠTUDIJA



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1 UVOD IN OPREDELITEV NALOGE

Izdelovanje tehnične dokumentacije je sestavni del projektiranja gozdnih prometnic, kjer na podlagi opredeljene ničelnice in ostalih omejitev izdelamo podrobne tehnične rešitve, ki omogočajo pridobitev dovoljenj za poseg v prostor in gospodarno izvedbo investicije v skladu z veljavno zakonodajo.

Ključna strokovna podlaga za projektiranje gozdnih prometnic je ničelnica, s katero opredelimo lego in kategorijo gozdne prometnice, s tem pa tudi večino njenih vplivov na gozdni prostor in lastnino. Vrsto prometnice in njeno upravičenost v gozdnem prostoru določa Zavod za gozdove Slovenije. Pri izboru najprimernejše ničelnice je potrebno izvesti vrsto predhodnih študij in terenskih izmer. Pri tem se pridobi podatke o poteku posameznih variant, ki so nujni za opredelitev najprimernejše trase, nekateri izmed njih pa so bistveni tudi za projektiranje. To so podatki o Gauss - Kruegerjevih koordinatah dejanskih (na terenu označenih) kardinalnih točk izbrane trase in podatki o podolžnih razdaljah in naklonih ničelnice med kardinalnimi točkami. Podrobnejša določitev trase, ki zajema detajlno zakoličbo osi prometnice, izračune količin izkopov in posipnega materiala, ter dimenzioniranje odvodnjavanja, priključkov vlak, lesnih skladišč, izogibališč in obračališč je del projektiranja.

Pri izdelavi strokovne naloge 'Sistem protipožarne infrastrukture na KE Postojna', pripravnika Boštjana Ježa (ZGS OE Postojna), je bila opredeljena najprimernejša ničelnica protipožarne prometnice Jerusi (k.o. Palčje). Predlagani tehnični elementi (IGLG 1982) protipožarne prometnice Jerusi ustrezajo gozdni cesti kategorije G2 (Pravilnik o gradnji, vzdrževanju in načinu uporabe gozdnih prometnic 2000). Ničelnica je bila na terenu označena, zakoličene so bile horizontalne krivine, detajlno zakoličena trasa pa tahimetrično posneta.

Pri izrisu risb za opredelitev trase se je pojavila dilema, kako podrobne naj bodo tehnične risbe situacije, nivelete in prečni profilov. Ker je problem splošne narave in zadeva problematiko grafičnega outputa opredelitve ničelnice za grajene gozdne prometnice, smo opredelili naslednja dva cilja študije:

1. **Izdelati izris situacije, nivelete in prečnih profilov projektirane trase Jerusi za potrebe strokovne naloge.**
2. **Za isti objekt izdelati izrise situacije, nivelete in prečnih profilov ničelnice kot primer grafičnih prilog k utemeljitvi ničelnice za izdelavo projektne gradbenotehnične dokumentacije.**

Pri tem se nismo spuščali v presojo poteka ničelnice, kategorijo prometnice ali kakovost detajlne zakoličbe konkretne trase Jerusi. Za potrebe študije smo privzeli, da bodo izrisi uporabljeni za idejno študijo protipožarne prometnice Jerusi.

2 METODE DELA

Izrisovanje situacije, nivelete in prečnih profilov je zamudno in tehnično zahtevno delo, ki je danes v svetu avtomatizirano z različnimi računalniško podprtimi orodji – programi. Razlikujemo splošne programe za risanje (npr. Autocad, Designer,...) in namenske programe za projektiranje, ki imajo poleg izračunov tudi možnosti izrisov. Za projektiranje javnih cest se v Sloveniji uporabljajo različni programi (npr. Via), ki omogočajo izračune kubatur in izrise, vendar se za projektiranje gozdnih cest

malo uporabljajo, saj praviloma zahtevajo podatke natančnih elektronskih tahimetrov – t.i. Total Stations (Juvančič 2000).

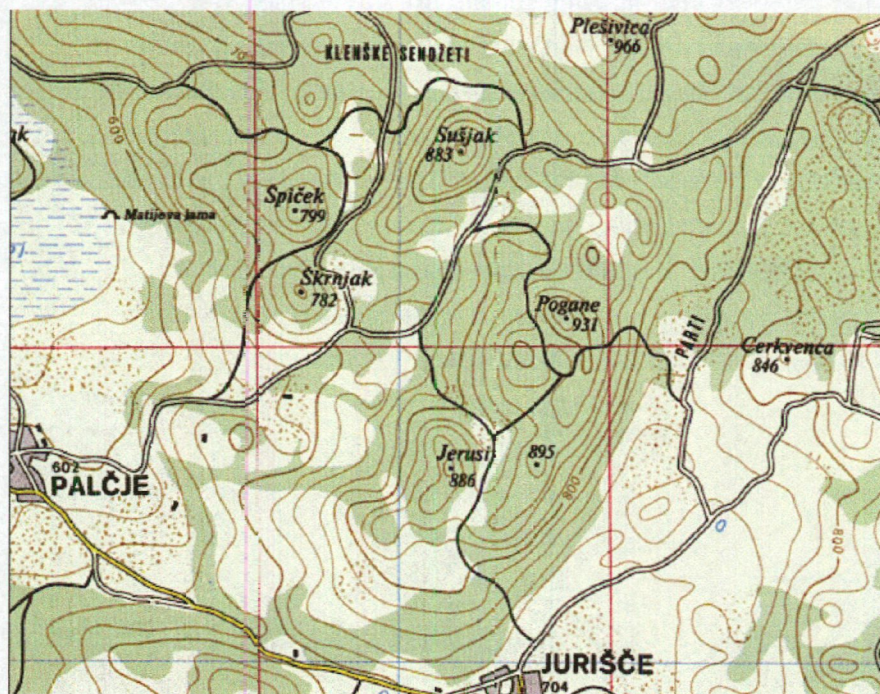
Za projektiranje gozdnih prometnic sta danes najbolj razširjena programa Fides in Roadeng. Prvi je švicarski in starejšega izvora (Benn Eggengberger 1971), drugi pa je novejši in proizvod kanadskega softverskega podjetja Softree (Softree 1997). Cba sta prilagojena preprostim postopkom pri posnetku trase in omogočata izračun kubatur in izrise situacije, nivelete in prečnih profilov.

Izrise in izračune smo v naši študiji opravili s programskim paketom Roadeng 98, šolska verzija 3.04 (Softree 1997). Razpoložljivi podatki klasičnega tahimetričnega zapisnika in nivelmani prečnih profilov so zahtevali pretvorbo podatkov v obliko za vnos v Roadeng. To smo opravili s programom MS Excel 97.

3 RAZISKOVALNI OBJEKT

Protipožarna prometnica Jerusi je načrtovana na hribu Jerusi, v zaledju vasi Palčje in Jurišče (OE Postojna, GE Jezerščak) in jo sestavljata dva kraka v skupni tlorisni dolžini 2.843,5 m (vključno z dvema obračališčema) (slika 1).

Prvi krak (Jerusi 1) poteka od odcepa Palške ceste (050514), približno 2 km od vasi Palčje in se konča na jugozahodnem pobočju hriba Jerusi, na stacionaži 2.182,0 m. Drugi krak (Jerusi 2) se od prvega kraka odsepi na stacionaži 1.605,9 m in se razvija severovzhodno do roba laza Na poganah. Dolžina drugega kraka je 661,5 m.



Slika 1: Pregledna karta predela načrtovanja protipožarne prometnice Jerusi.

Vsa dela pri trasiranju, detaljni zakoličbi trase in zbiranju podatkov za izris trase je opravil Boštjan Jež, s sodelavci Zavoda za gozdove Slovenije OE-Postojna. Izrisi in izračuni so bili opravljeni na Gozdarskem inštitutu Slovenije v okviru nalog za Javno gozdarsko službo.

4 REZULTATI

4.1 SEZNAM IZRISOV

Za potrebe študije je bilo izdelanih 19 izrisov v skupnem obsegu 91 strani. Strani niso numerirane, posamezno prilogo pa najdemo s pomočjo naslova slike in imena datoteke v preglednici 1. V nadaljevanju se sklicujemo na izrise s številko priloge, ki je podana v preglednici 1.

Preglednica 1: Seznam prilog študije.

PRILOGA	NASLOV SLIKE	DATOTEKA	OPIS	OBSEG
1			Položaj trase v TTN 10	1 stran
2	Traverse notes	D:\GISJER1-FIN.dbf	Izpis podatkov situacijsko določene trase Jerusi od stacionaže 1 do stacionaže 136	9 strani
3	Traverse notes	D:\GISJER2-FIN.dbf	Izpis podatkov situacijsko določene trase Jerusi od stacionaže 102 do stacionaže 176	3 strani
4	Roadeng Plan	D:\GISJER1-FIN.dsn	Situacija projektirane trase Jerusi od stacionaže 1 do stacionaže 136	5 strani
5	Roadeng Profile	D:\GISJER1-FIN.dsn	Niveleta projektirane trase Jerusi od stacionaže 1 do stacionaže 136	6 strani
6	Roadeng Section	D:\GISJER1-FIN.dsn	Prečni profili projektirane trase Jerusi od stacionaže 1 do stacionaže 136	14 strani
7	Roadeng Plan	D:\GISJER2-FIN.dsn	Situacija projektirane trase Jerusi od stacionaže 102 do stacionaže 176	3 strani
8	Roadeng Profile	D:\GISJER2-FIN.dsn	Niveleta projektirane trase Jerusi od stacionaže 102 do stacionaže 176	3 strani
9	Roadeng Section	D:\GISJER2-FIN.dsn	Prečni profili projektirane trase Jerusi od stacionaže 102 do stacionaže 176	5 strani
10	Roadeng Data	D:\GISJER1-FIN.dsn	Kubature nasipov in izkopov po kategorijah hribine ter širine projektirane trase Jerusi od stacionaže 1 do stacionaže 136	3 strani
11	Roadeng Data	D:\GISJER2-FIN.dsn	Kubature nasipov in izkopov po kategorijah hribine ter širine projektirane trase Jerusi od stacionaže 102 do stacionaže 176	1 stran
12	Roadeng Plan	D:\GISJER1-IP.dsn	Situacija ničelnice gozdne prometnice Jerusi od stacionaže 1 do stacionaže 136	6 strani
13	Roadeng Profile	D:\GISJER1-IP.dsn	Niveleta ničelnice gozdne prometnice Jerusi od stacionaže 1 do stacionaže 136	7 strani
14	Roadeng Section	D:\GISJER2-IP.dsn	Prečni profili ničelnice gozdne prometnice Jerusi od stacionaže 1 do stacionaže 136	14 strani
15	Roadeng Section	D:\GISJER1-IP.dsn	Priporočeni normalni prečni profil ničelnice g. prometnice Jerusi od stac. 1 do stac. 136.	1 stran
16	Roadeng Plan	D:\GISJER2-IP.dsn	Situacija ničelnice gozdne prometnice Jerusi od stacionaže 102 do stacionaže 176	2 strani
17	Roadeng Profile	D:\GISJER2-IP.dsn	Niveleta ničelnice gozdne prometnice Jerusi od stacionaže 102 do stacionaže 176	3 strani
18	Roadeng Section	D:\GISJER2-IP.dsn	Prečni profili ničelnice gozdne prometnice Jerusi od stacionaže 102 do stacionaže 176	5 strani
19	Roadeng Section	D:\GISJER2-IP.dsn	Priporočeni normalni prečni profil ničelnice g. prometnice Jerusi od stac. 102 do stac. 176	1 stran

4.2 PODROBNI IZRISI TRASE

Po pretvorbi podatkov tahimetričnega zapisnika, smo pristopili k izravnalnemu računu, ki smo ga opravili s pomočjo točk prikazanih v preglednici 2.

Preglednica št. 2: Gauss-Kruegerjeve koordinate točk trase za izravnalni račun protipožarne prometnice Jerusi (podatki tahimetričnega zapisnika).

Profil	X	Y	Z
1	444077	59837	675
102	445288	59319	825,016
136	445071	58849	814,52
176	445641	59756	873,397

Osnovni podatki, ki so bili osnova za splošni vklep projektirane trase v temeljni topografski načrt (M= 1:10000 – prilog 1) in za podrobne izrise, so razvidni v prilogah 2 in 3.

Pri izrisu situacije projektirane trase (priloga 4 in 7) smo privzeli pri detajlni zakoličbi opredeljene horizontalne krivinske radije, dodali pa razširitve krivin za 0,4 m pri horizontalnem radiju pod 30,0 m. Pri izrisu nivelete (priloga 5 in 8), smo lome nivelete nad 2 % izravnavali ali pa jih zaokroževali z vertikalnimi krivinami. Celoten potek projektirane trase v situaciji in niveleti smo optimirali glede na količino izkopov in izravnavo mas. Pri tem smo opredelili deponijo 150 m³ hribine na stacionaži 2.027,0 m.

Izrisi prečnih profilov (priloga 5 in 9) omogočajo prekoličbo projektirane trase glede na optimirane količine izkopov in izravnavo mas (V Offset (m), H Offset (m)). Podrobni izpisi kubatur nasipov (Fill V.) in odkopov (Cut V.) ter izkopov po kategorijah hribine (lyr1 V.=III. kategorija, lyr2 V.=IV. kategorija, lyr3 V.=V. kategorija) in količin deponije humusa (Strip V.) so razvidne iz prilog 10 in 11.

Priloge 2 – 11 so vsebine, ki v celoti sodijo med tehnično dokumentacijo (poleg še drugih) za pridobitev gradbenega dovoljenja in izvedbo del, torej med dejavnosti projektiranja gozdnih prometnic.

4.3 PRIPOROČENI IZRISI NIČELNICE

Pri utemeljitvi ničelnice za potrebe projektiranja v osnovi zadošča preglednica, v kateri podamo za dejanske kardinalne točke izbrane ničelnice in vrnesne točke ničelnice (kjer se spremeni podolžni naklon ničelnice) naslednje osnovne elemente:

- razdalje (praviloma poševne),
- podolžne naklone.

Ker je pri neposrednem trasiranju variant potrebno pobrati osnovne elemente variant, je mogoče ob uporabi ustreznih programskih orodij z relativno malo dodatnega dela izdelati izrise ničelnice, ki so projektantu v veliko pomoč in bistveno pripomorejo k bolj kakovostni utemeljitvi trase.

Za primer trase protipožarne prometnice Jerusi, smo tak izris situacije, nivelete in prečnih profilov izvedli v prilogah 12-14 in 15-18. Situacija in niveleta sta brez krivin in optimizacije, masni diagram

in kubatura izkopov ni izdelana. Izdelani prečni profili temeljijo na enem – priporočenem – normalnem prečnem profilu v premi (priloga 15 in 19), ki je vodilo projektantu.

Namesto tehničnih detajlov je potrebno pri opredelitvi ničelnice grafično prikazati omejitve pri gradnji (redka, izjemna drevesa, zavarovani biotopi, ipd.) ter če je le mogoče nakazati povezave nove prometnice z vsemi obstoječimi in načrtovanimi (vlake).

5 RAZPRAVA IN PRIPOROČILA

Namen študije ni bil dokončno določiti obliko grafičnih izrisov, temveč opozoriti na strokoven problem in nakazati smer možnega reševanja, saj odpiranja slovenskih gozdov še ni konec. Če bomo gozdne prometnice gradili s tempom, ki smo mu priča zadnjih 10 let, nas čaka še vsaj 20 let načrtovanja z letnim obsegom vsaj 50 km (cest, grajenih vlak in protipožarnih prometnic) v vse bolj občutljivih terenih, ki zahtevajo poglobljen pristop in kakovostno obdelavo.

Polaganje variant ničelnice ter izbor najprimernejše sta zaključno dejanje načrtovanja odpiranja gozdov in prvo dejanje projektiranja objekta. Projektiranje gozdnih prometnic se v Sloveniji izvaja v okvirih veljavnih predpisov, sprejetih prostorskih aktov in planov ter na podlagi načrtov odpiranja gozdov ter standardov in normativov za graditev gozdnih prometnic. Osnovne zakonske podlage za projektiranje gozdnih prometnic so podane v zakonu o gozdovih (1993), v pravilniku o gradnji, vzdrževanju in načinu uporabe gozdnih prometnic (2000) ter v zakonu o graditvi objektov (1984). Po slednjem sme v Sloveniji opravljati dejavnost projektiranja gozdnih cest podjetje ali fizična oseba, registrirana za to dejavnost pri Inženirski zbornici Slovenije (Statut IZS 1998). Odgovorni projektanti za projektiranje gozdnih cest morajo biti vpisani v seznam pooblaščenih inženirjev pri IZS – matična sekcija tehnologov in drugih inženirjev.

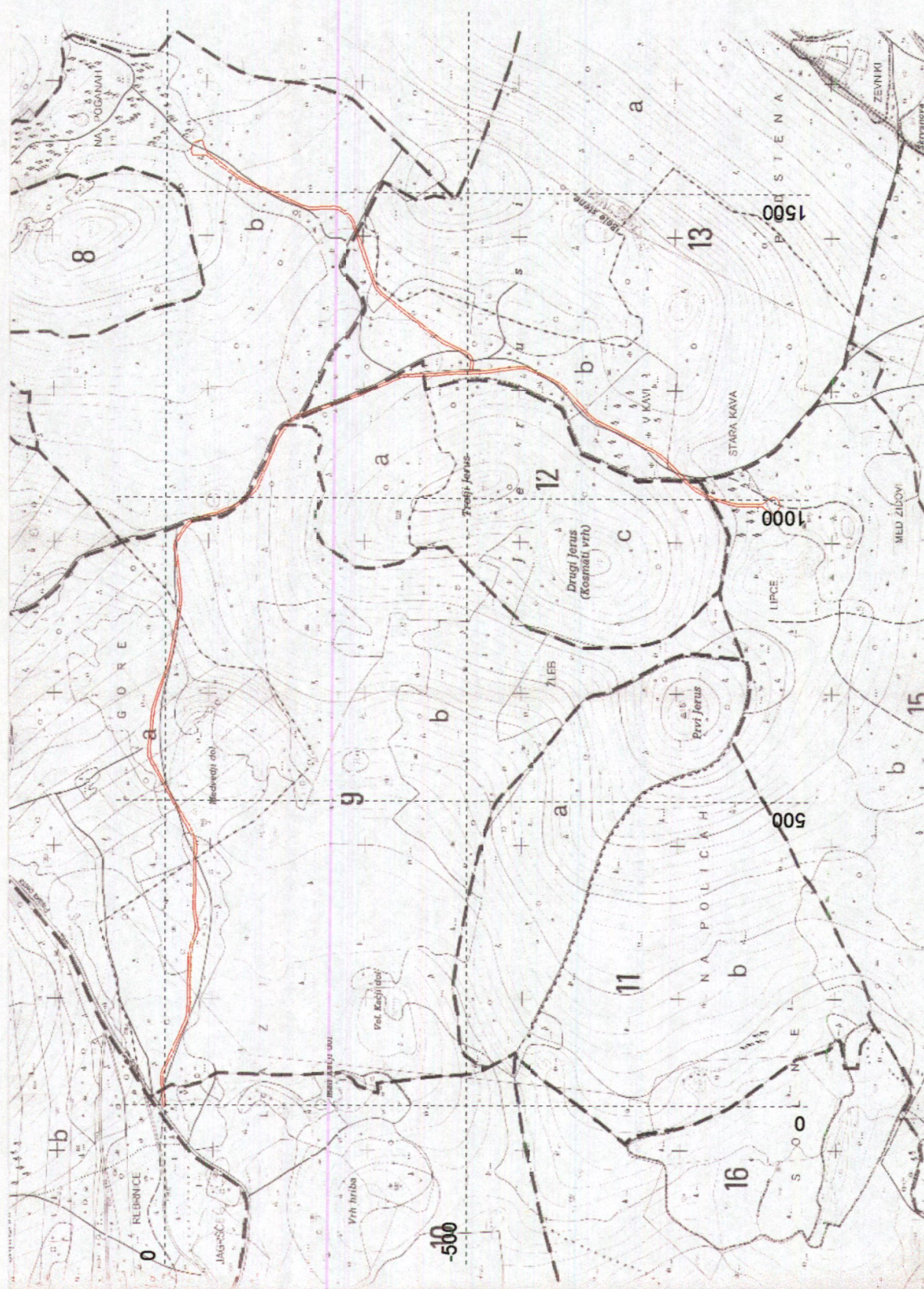
Po veljavni zakonodaji na tem področju v Sloveniji bi bilo najprimerneje, da ničelnico utemeljimo kot sklepno dejanje načrtovanja in jo opremimo z:

- izrisom situacije (z lokacijo omejitev pri gradnji),
- izrisom nivelete,
- sliko priporočenega normalnega prečnega profila, ki odgovarja načrtovani kategoriji prometnice.

Predlagamo, da se za glavne kategorije gozdnih prometnic standardizira vsebino in grafično obliko utemeljitve ničelnice, dokumentacija pa uveljavi v strokovnih in upravnih službah. Za avtomatizacijo postopkov priporočamo uporabo računalniško podprtih orodij, ki temeljijo na preprostih vhodnih podatkih. Pri tem lahko pri trasiranju terenski gozdarji pridobijo vse potrebne podatke z obstoječimi merskimi orodji, pripravo podatkov in izrise pa izvede usposobljen načrtovalec na območni (centralni) enoti ZGS.

6 LITERATURA

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Description: Jerusi 1
Crew: Boštjan Jež
Unit: ZGS OE-Postojna
Survey Date:
Length: 2182.02m
Number of Shots: 138

Label	Station	S.D.	Slp.(%)	Fore Azi	Back Azi	SSL Slp.(%)S.D.	SSR Slp.(%)S.D.	GND	X	Y	Z	Index
		13.70	13.7	87.8	267.8							
13	205.19					-9.7/3.01 T,-14.3/3.03 T,0.0/..	12.0/3.02 T,6.0/3.01 T,0.0/..	II/0.70/IV	444269.31	59796.84	686.30	13
12	189.69	15.54	6.4	87.8	267.8							
		20.58	5.7	87.8	267.8	-8.7/3.01 T,-10.3/3.02 T,0.0/..	11.7/3.02 T,19.0/3.05 T,0.0/..	II/0.70/IV	444254.06	59797.20	685.31	12
11 kl	169.14					-5.7/3.00 T,-8.7/3.01 T,0.0/..	8.7/3.01 T,6.0/3.01 T,0.0/..	II/0.70/IV	444233.91	59797.67	684.14	11
		8.17	5.0	87.8	267.8							
10 sl	160.98					-2.0/3.00 T,-5.0/3.00 T,0.0/..	11.7/3.02 T,0.3/3.00 T,0.0/..	II/0.70/IV	444225.88	59797.86	683.73	10
		8.21	10.0	110.8	290.8							
9 zl	152.81					-3.0/3.00 T,-10.7/3.02 T,0.0/..	2.7/3.00 T,3.0/3.00 T,0.0/..	II/0.70/IV	444218.53	59801.23	682.91	9
		24.69	5.1	110.8	290.8							
8	128.15					-2.0/3.00 T,-0.3/3.00 T,0.0/..	-4.3/3.00 T,-1.7/3.00 T,0.0/..	II/0.70/IV	444196.34	59811.40	681.66	8
		26.41	5.2	110.8	290.8							
7	101.78					4.3/3.00 T,2.3/3.00 T,0.0/..	-7.0/3.01 T,6.0/3.01 T,0.0/..	II/0.70/IV	444172.66	59822.29	680.29	7
		17.81	4.2	110.8	290.8							
6	83.98					5.7/3.00 T,-4.7/3.00 T,0.0/..	1.3/3.00 T,-11.3/3.02 T,0.0/..	II/0.70/IV	444156.66	59829.63	679.54	6
		17.22	5.1	110.8	290.8							
5 kl	66.79					-9.3/3.01 T,13.7/3.03 T,0.0/..	-2.3/3.00 T,-7.0/3.01 T,0.0/..	II/0.70/IV	444141.22	59836.73	678.66	5
		13.31	6.8	110.8	290.8							
4 sl	53.51					-5.7/3.00 T,2.7/3.00 T,0.0/..	-3.7/3.00 T,6.3/3.01 T,0.0/..	II/0.70/IV	444129.28	59842.21	677.76	4
		13.36	4.3	80.9	260.9							
3 zl	40.16					-14.3/3.03 T,2.0/3.00 T,0.0/..	4.3/3.00 T,-7.7/3.01 T,0.0/..	II/0.70/IV	444116.25	59840.91	677.19	3
		19.21	6.5	80.9	260.9							
2	20.99					-0.3/3.00 T,-2.3/3.00 T,0.0/..	6.3/3.01 T,0.7/3.00 T,0.0/..	II/0.70/IV	444097.50	59839.04	675.94	2
		21.01	4.5	80.9	260.9							
1-A	* 0.00					-2.0/3.00 T,-6.0/3.01 T,0.0/..	-2.0/3.00 T,-1.7/3.00 T,0.0/..	II/0.70/IV	444077.00	59837.00	675.00	1

Label	Station	S.D.	Slp.(%)	Fore Azi	Back Azi	SSL Slp.(%)/S.D.	SSR Slp.(%)/S.D.	GND	X	Y	Z	Index
		16.91	9.8	87.3	267.3							
29	414.34					-14.7/3.03 T,-17.7/3.05 T,0.0/..	14.3/3.03 T,14.0/3.03 T,0.0/..	II/0.70/IV	444471.63	59786.75	712.04	29
		18.53	10.4	87.3	267.3							
28	395.90					-13.7/3.03 T,-18.7/3.05 T,0.0/..	13.0/3.03 T,12.3/3.02 T,0.0/..	II/0.70/IV	444453.50	59787.01	710.12	28
		18.98	11.0	87.3	267.3							
27	377.04					-12.3/3.02 T,-14.7/3.03 T,0.0/..	9.0/3.01 T,10.3/3.02 T,0.0/..	II/0.70/IV	444434.97	59787.27	708.05	27
26	360.76					-16.7/3.04 T,-15.3/3.04 T,0.0/..	13.7/3.03 T,13.3/3.03 T,0.0/..	II/0.70/IV	444418.97	59787.50	705.67	26
		15.46	16.1	87.3	267.3							
25 kl	345.50					-23.0/3.08 T,-20.3/3.00 T,0.0/..	10.3/3.02 T,6.7/3.01 T,0.0/..	II/0.70/IV	444403.97	59787.72	703.21	25
		8.15	9.1	87.3	267.3							
24 sl	337.38					-19.3/3.06 T,-22.0/3.07 T,0.0/..	15.7/3.04 T,13.7/3.03 T,0.0/..	II/0.70/IV	444396.00	59787.84	702.48	24
		8.14	1.1	73.8	253.8							
23 zl	329.24					-28.7/3.12 T,-21.3/3.07 T,0.0/..	20.3/3.06 T,17.3/3.04 T,0.0/..	II/0.70/IV	444388.22	59786.05	702.39	23
		9.66	11.0	73.8	253.8							
22 kl	319.64					-28.7/3.12 T,-25.3/3.09 T,0.0/..	18.7/3.05 T,16.7/3.04 T,0.0/..	II/0.70/IV	444379.06	59783.94	701.33	22
		10.36	11.9	73.8	253.8							
21 sl	309.35					-25.0/3.09 T,-21.0/3.07 T,0.0/..	26.0/3.10 T,16.0/3.04 T,0.0/..	II/0.70/IV	444369.22	59781.69	700.11	21
		10.28	4.6	108.0	288.0							
20 zl	299.08					-23.0/3.08 T,-14.7/3.03 T,0.0/..	11.7/3.02 T,18.7/3.05 T,0.0/..	II/0.70/IV	444359.81	59785.46	699.64	20
		16.81	18.4	108.0	288.0							
19 kl	282.55					-20.7/3.06 T,-19.0/3.05 T,0.0/..	14.3/3.03 T,25.0/3.09 T,0.0/..	II/0.70/IV	444344.63	59791.54	696.60	19
		10.38	15.2	108.0	288.0							
18 sl	272.29					-22.0/3.07 T,-20.0/3.06 T,0.0/..	16.3/3.04 T,13.0/3.03 T,0.0/..	II/0.70/IV	444335.22	59795.31	695.04	18
		10.38	14.0	87.8	267.8							
17 zl	262.01					-22.0/3.07 T,-19.7/3.06 T,0.0/..	15.7/3.04 T,20.0/3.06 T,0.0/..	II/0.70/IV	444325.13	59795.55	693.60	17
		16.65	9.0	87.8	267.8							
16	245.43					-13.7/3.03 T,-12.7/3.02 T,0.0/..	10.3/3.02 T,15.3/3.04 T,0.0/..	II/0.70/IV	444308.81	59795.92	692.11	16
		14.98	14.6	87.8	267.8							
15	230.60					-12.3/3.02 T,-8.7/3.01 T,0.0/..	10.3/3.02 T,14.7/3.03 T,0.0/..	II/0.70/IV	444294.25	59796.26	689.94	15
		11.97	15.1	87.8	267.8							
14	218.77					-13.7/3.03 T,-5.0/3.00 T,0.0/..	6.7/3.01 T,16.7/3.04 T,0.0/..	II/0.70/IV	444282.63	59796.54	688.16	14

Label	Station	S.D.	Slp.(%)	Fore Azi	Back Azi	SSL Slp.(%)/S.D.	SSR Slp.(%)/S.D.	GND	X	Y	Z	Index
		20.31	16.4	80.0	260.0							
61	941.11					-10.3/3.02 T,-1.7/3.00 T,0.0/..	12.3/3.02 T,18.0/3.05 T,0.0/..	II/0.30/IV	444961.75	59816.10	757.19	61
		18.66	13.6	80.0	260.0							
60	922.62					-17.3/3.04 T,-15.3/3.04 T,0.0/..	16.3/3.04 T,17.7/3.05 T,0.0/..	II/0.30/IV	444943.72	59814.01	754.68	60
		23.09	14.1	80.0	260.0							
59 kl	899.75					-16.3/3.04 T,-27.7/3.11 T,0.0/..	27.7/3.11 T,20.7/3.06 T,0.0/..	II/0.30/IV	444921.44	59811.43	751.46	59
		8.63	10.1	80.0	260.0							
58 sl	891.17					-22.0/3.07 T,-39.7/3.23 T,0.0/..	18.7/3.05 T,17.0/3.04 T,0.0/..	II/0.30/IV	444913.06	59810.46	750.59	58
		8.72	17.2	96.0	276.0							
57 zl	882.57					-10.0/3.01 T,-20.0/3.06 T,0.0/..	26.0/3.10 T,10.3/3.02 T,0.0/..	II/0.30/IV	444904.72	59811.88	749.11	57
		14.69	12.5	96.0	276.0							
56	868.00					-12.3/3.02 T,-27.7/3.11 T,0.0/..	19.7/3.06 T,17.0/3.04 T,0.0/..	II/0.30/IV	444890.56	59814.29	747.29	56
		21.20	15.0	96.0	276.0							
55	847.03					-18.3/3.05 T,-16.7/3.04 T,0.0/..	15.3/3.04 T,25.0/3.09 T,0.0/..	II/0.30/IV	444870.19	59817.76	744.15	55
		23.91	12.8	96.0	276.0							
54	823.32					-7.0/3.01 T,-16.7/3.04 T,0.0/..	21.3/3.07 T,14.0/3.03 T,0.0/..	II/0.30/IV	444847.19	59821.68	741.12	54
		19.26	9.6	96.0	276.0							
53 kl	804.14					-11.0/3.02 T,-13.7/3.03 T,0.0/..	23.3/3.08 T,12.3/3.02 T,0.0/..	II/0.30/IV	444828.56	59824.85	739.28	53
		11.02	5.5	96.0	276.0							
52 sl	793.14					-22.7/3.08 T,-21.0/3.07 T,0.0/..	12.3/3.02 T,10.0/3.01 T,0.0/..	II/0.30/IV	444817.88	59826.67	738.67	52
		11.01	10.9	105.0	285.0							
51zl	782.20					-18.0/3.05 T,-18.7/3.05 T,0.0/..	18.0/3.05 T,12.3/3.02 T,0.0/..	II/0.30/IV	444807.69	59830.15	737.48	51
		16.48	13.9	105.0	285.0							
50	765.87					-12.0/3.02 T,-16.7/3.01 T,0.0/..	15.0/3.03 T,16.7/3.04 T,0.0/..	II/0.30/IV	444792.44	59835.34	735.21	50
		16.29	6.5	105.0	285.0							
49	749.62					-9.0/3.01 T,-8.7/3.01 T,0.0/..	15.3/3.04 T,9.0/3.01 T,0.0/..	II/0.70/IV	444777.25	59840.51	734.16	49
		19.29	9.0	105.0	285.0							
48	730.40					-9.3/3.01 T,-15.7/3.04 T,0.0/..	12.7/3.02 T,10.0/3.01 T,0.0/..	II/0.70/IV	444759.28	59846.63	732.43	48
		19.61	10.0	105.0	285.0							
47 kl	710.89					-10.7/3.02 T,-10.7/3.02 T,0.0/..	13.0/3.03 T,9.3/3.01 T,0.0/..	II/0.70/IV	444741.03	59852.83	730.48	47
		11.41	8.1	105.0	285.0							
46 sl	699.52					-7.7/3.01 T,-9.0/3.01 T,0.0/..	9.3/3.01 T,14.0/3.03 T,0.0/..	II/0.70/IV	444730.41	59856.45	729.56	46

Label	Station	S.D.	Slp.(%)	Fore Azi	Back Azi	SSL Slp.(%)/S.D.	SSR Slp.(%)/S.D.	GND	X	Y	Z	Index
		20.25	14.1	109.0	289.0							
77	1181.75					-7.3/3.01 T,1.3/3.00 T,0.0/..	8.7/3.01 T,12.0/3.02 T,0.0/..	II/0.30/IV/0.70N	445119.63	59675.60	789.54	77
		19.05	9.7	109.0	289.0							
76 kl	1162.78					-20.3/3.06 T,-2.7/3.00 T,0.0/..	12.7/3.04 T,10.7/3.02 T,0.0/..	II/0.30/IV/0.70N	445102.34	59682.88	787.70	76
		11.02	19.7	109.0	289.0							
75 sl	1151.97					20.7/3.06 T,-20.7/3.06 T,0.0/..	12.7/3.02 T,11.0/3.02 T,0.0/..	II/0.30/IV/0.70N	445092.50	59687.02	785.57	75
		11.12	18.0	138.0	318.0							
74 zl	1141.03					25.0/3.09 T,-11.0/3.02 T,0.0/..	35.7/3.19 T,7.3/3.01 T,0.0/..	II/0.30/IV/0.70N	445085.78	59695.64	783.60	74
		25.02	12.8	138.0	318.0							
73 kl	1116.21					-5.3/3.00 T,-4.7/3.00 T,0.0/..	13.3/3.03 T,14.3/3.03 T,0.0/..	II/0.30/IV/0.70N	445070.53	59715.18	780.43	73
		11.06	11.4	138.0	318.0							
72 sl	1105.22					-3.3/3.00 T,-24.7/3.09 T,0.0/..	16.7/3.04 T,5.7/3.00 T,0.0/..	II/0.30/IV/0.70N	445063.78	59723.83	779.17	72
		11.08	13.1	158.0	338.0							
71 zl	1094.24					-0.3/3.00 T,-27.0/3.11 T,0.0/..	18.7/3.05 T,4.7/3.00 T,0.0/..	II/0.30/IV/0.70N	445060.34	59734.34	777.74	71
		20.05	7.5	158.0	338.0							
70	1074.24					-5.0/3.00 T,-14.3/3.03 T,0.0/..	0.7/3.00 T,0.3/3.00 T,0.0/..	II/0.30/IV/0.70N	445054.16	59753.47	776.24	70
		18.63	16.0	158.0	338.0							
69	1055.85					7.7/3.01 T,2.7/3.00 T,0.0/..	-1.0/3.00 T,-7.7/3.01 T,0.0/..	II/0.30/IV/0.70N	445048.41	59771.07	773.30	69
		17.24	17.1	158.0	338.0							
68 kl	1038.85					30.3/3.13 T,18.7/3.05 T,0.0/..	-28.3/3.12 T,-10.3/3.02 T,0.0/..	II/0.30/IV/0.70N	445043.09	59787.33	770.39	68
		11.58	2.2	158.0	338.0							
67 sl	1027.28					15.7/3.04 T,20.3/3.06 T,0.0/..	-11.3/3.02 T,14.3/3.03 T,0.0/..	II/0.70/IV	445039.50	59798.41	770.14	67
		11.64	13.5	120.0	300.0							
66 zl	1015.74					4.0/3.00 T,-2.3/3.00 T,0.0/..	-6.3/3.01 T,-0.3/3.00 T,0.0/..	II/0.70/IV	445030.00	59804.80	768.58	66
		21.00	14.4	120.0	300.0							
65 kl	994.96					5.3/3.00 T,8.3/3.01 T,0.0/..	-10.3/3.02 T,-5.0/3.00 T,0.0/..	II/0.70/IV	445012.91	59816.31	765.59	65
		8.89	14.3	120.0	300.0							
64 sl	986.15					-3.3/3.00 T,-2.0/3.00 T,0.0/..	-2.7/3.00 T,1.0/3.00 T,0.0/..	II/0.70/IV	445005.66	59821.19	764.33	64
		8.83	14.1	80.0	260.0							
63 zl	977.41					-3.3/3.00 T,5.0/3.00 T,0.0/..	2.7/3.00 T,1.7/3.00 T,0.0/..	II/0.70/IV	444997.13	59820.20	763.10	63
		16.47	16.1	80.0	260.0							
62	961.15					3.0/3.00 T,-2.3/3.00 T,0.0/..	4.7/3.00 T,10.3/3.02 T,0.0/..	II/0.70/IV	444981.28	59818.36	760.48	62

Label	Station	S.D.	Slp.(%)	Fore Azi	Back Azi	SSL Slp.(%)/S.D.	SSR Slp.(%)/S.D.	GND	X	Y	Z	Index
		22.43	5.8	152.0	332.0							
93	1447.90					-13.0/3.03 T,-0.3/3.00 T,0.0/..	6.3/3.01 T,7.0/3.01 T,0.0/..	II/0.70/IV	445267.81	59475.53	810.84	93
92	1426.79	21.23	10.6	152.0	332.0	-20.0/3.06 T,-19.0/3.05 T,0.0/..	9.7/3.01 T,18.7/3.05 T,0.0/..	II/0.70/IV	445259.19	59494.89	808.61	92
91 kl	1406.19	20.61	3.7	152.0	332.0	-7.3/3.01 T,-15.0/3.03 T,0.0/..	12.3/3.02 T,12.3/3.02 T,0.0/..	II/0.70/IV	445250.75	59513.79	807.85	91
90 sl	1396.21	9.98	0.1	152.0	332.0	-7.7/3.01 T,-10.7/3.02 T,0.0/..	4.0/3.00 T,4.0/3.00 T,0.0/..	II/0.70/IV	445246.69	59522.94	807.84	90
89 zl	1386.23	9.99	3.9	157.0	337.0	-6.7/3.01 T,-1.0/3.00 T,0.0/..	3.3/3.00 T,5.0/3.00 T,0.0/..	II/0.70/IV	445243.44	59532.43	807.45	89
88	1364.06	22.21	5.9	157.0	337.0	-7.7/3.01 T,-21.7/3.07 T,0.0/..	4.3/3.00 T,12.7/3.02 T,0.0/..	II/0.70/IV	445236.16	59553.51	806.14	88
87	1341.07	22.99	1.7	157.0	337.0	-0.3/3.00 T,-3.3/3.00 T,0.0/..	2.0/3.00 T,1.7/3.00 T,0.0/..	II/0.70/IV	445228.63	59575.37	805.75	87
86	1319.07	22.02	4.1	157.0	337.0	6.0/3.01 T,2.7/3.00 T,0.0/..	-7.0/3.01 T,4.7/3.00 T,0.0/..	II/0.70/IV	445221.41	59596.29	804.85	86
85 kl	1299.40	19.84	13.0	157.0	337.0	-10.7/3.02 T,35.3/3.18 T,0.0/..	22.3/3.07 T,14.7/3.03 T,0.0/..	II/0.30/IV/0.70V	445214.97	59615.00	802.29	85
84 sl	1289.20	10.27	11.7	157.0	337.0	-10.0/3.01 T,21.3/3.07 T,0.0/..	25.7/3.10 T,18.0/3.05 T,0.0/..	II/0.30/IV/0.70V	445211.63	59624.70	801.10	84
83 zl	1279.20	10.02	6.6	128.0	308.0	15.3/3.04 T,2.0/3.00 T,0.0/..	-9.3/3.01 T,15.0/3.03 T,0.0/..	II/0.30/IV/0.70V	445204.22	59631.36	800.44	83
82 kl	1263.32	16.10	17.0	128.0	308.0	14.0/3.03 T,-3.0/3.00 T,0.0/..	26.7/3.10 T,13.7/3.03 T,0.0/..	II/0.30/IV/0.70V	445192.50	59641.93	797.74	82
81 sl	1254.93	8.49	15.3	128.0	308.0	21.7/3.07 T,3.7/3.00 T,0.0/..	21.0/3.07 T,28.0/3.12 T,0.0/..	II/0.30/IV/0.70V	445186.31	59647.51	796.46	81
80 zl	1246.55	8.42	9.2	109.0	289.0	-4.0/3.00 T,-13.3/3.03 T,0.0/..	25.3/3.09 T,16.0/3.04 T,0.0/..	II/0.30/IV/0.70V	445178.66	59650.73	795.69	80
79	1223.37	23.22	5.8	109.0	289.0	-0.3/3.00 T,-2.0/3.00 T,0.0/..	10.7/3.02 T,8.7/3.01 T,0.0/..	II/0.30/IV/0.70V	445157.53	59659.63	794.35	79
78	1201.80	21.66	9.2	109.0	289.0	9.0/3.01 T,-14.0/3.03 T,0.0/..	22.0/3.07 T,8.0/3.01 T,0.0/..	II/0.30/IV/0.70V	445137.88	59667.91	792.36	78

Label	Station	S.D.	Slp.(%)	Fore Azi	Back Azi	SSL Slp.(%)/S.D.	SSR Slp.(%)/S.D.	GND	X	Y	Z	Index
		10.00	6.1	205.0	25.0							
109 zl	1734.60					-0.3/3.00 T,-2.0/3.00 T,0.0/..	10.3/3.02 T,2.3/3.00 T,0.0/..	II/0.70/IV	445273.91	59194.64	832.66	109
		19.42	4.8	205.0	25.0							
108	1715.20					-3.7/3.00 T,-0.3/3.00 T,0.0/..	3.7/3.00 T,3.3/3.00 T,0.0/..	II/0.70/IV	445282.22	59212.09	831.67	108
		22.82	4.5	205.0	25.0							
107 kl	1692.40					-5.0/3.00 T,-7.0/3.01 T,0.0/..	6.7/3.01 T,4.0/3.00 T,0.0/..	II/0.70/IV	445291.97	59232.60	830.58	107
		10.41	6.6	205.0	25.0							
106 sl	1682.02					-10.3/3.02 T,-4.7/3.00 T,0.0/..	8.7/3.01 T,1.7/3.00 T,0.0/..	II/0.70/IV	445296.44	59241.94	829.87	106
		10.41	4.2	173.0	353.0							
105 zl	1671.62					-7.3/3.01 T,-8.7/3.01 T,0.0/..	7.7/3.01 T,10.7/3.02 T,0.0/..	II/0.70/IV	445295.28	59252.47	829.40	105
		25.82	3.6	173.0	353.0							
104	1645.81					-9.3/3.01 T,-12.0/3.02 T,0.0/..	10.3/3.02 T,11.3/3.02 T,0.0/..	II/0.70/IV	445292.44	59278.59	828.40	104
		21.64	6.8	173.0	353.0							
103	1624.22					-9.7/3.01 T,-9.3/3.01 T,0.0/..	11.0/3.02 T,11.3/3.02 T,0.0/..	II/0.70/IV	445290.03	59300.45	826.87	103
		18.42	9.8	173.0	353.0							
102-B	* 1605.89					-8.7/3.01 T,-6.0/3.01 T,0.0/..	13.0/3.03 T,13.3/3.03 T,0.0/..	II/0.70/IV	445288.00	59319.00	825.02	102
		20.56	9.5	173.0	353.0							
101	1585.42					-12.0/3.02 T,-7.0/3.01 T,0.0/..	15.7/3.04 T,14.7/3.03 T,0.0/..	II/0.70/IV	445286.84	59339.67	823.08	101
		10.84	8.2	173.0	353.0							
100	1574.62					-8.0/3.01 T,-3.7/3.00 T,0.0/..	8.0/3.01 T,9.0/3.01 T,0.0/..	II/0.70/IV	445286.25	59350.57	822.19	100
		20.24	10.7	173.0	353.0							
99	1554.49					-7.3/3.01 T,-17.0/3.04 T,0.0/..	13.3/3.03 T,8.7/3.01 T,0.0/..	II/0.70/IV	445285.16	59370.89	820.04	99
		20.81	11.4	173.0	353.0							
98	1533.82					-2.7/3.00 T,-11.7/3.02 T,0.0/..	9.7/3.01 T,4.0/3.00 T,0.0/..	II/0.70/IV	445284.00	59391.77	817.68	98
		21.99	9.8	173.0	353.0							
97	1511.93					-13.3/3.03 T,-14.7/3.03 T,0.0/..	16.3/3.04 T,11.7/3.02 T,0.0/..	II/0.70/IV	445282.78	59413.87	815.54	97
		21.80	9.7	173.0	353.0							
96 kl	1490.23					-11.0/3.02 T,-0.7/3.00 T,0.0/..	5.3/3.00 T,10.3/3.02 T,0.0/..	II/0.70/IV	445281.59	59435.78	813.44	96
		10.04	10.5	173.0	353.0							
95 sl	1480.25					-0.3/3.00 T,-3.3/3.00 T,0.0/..	8.7/3.01 T,8.3/3.01 T,0.0/..	II/0.70/IV	445281.03	59445.86	812.39	95
		9.96	2.5	152.0	332.0							
94 zl	1470.29					-9.0/3.01 T,-9.0/3.01 T,0.0/..	4.7/3.00 T,11.0/3.02 T,0.0/..	II/0.70/IV	445276.97	59454.99	812.14	94

Label	Station	S.D.	Slp.(%)	Fore Azi	Back Azi	SSL Slp.(%)/S.D.	SSR Slp.(%)/S.D.	GND	X	Y	Z	Index
		19.02	-5.7	225.0	45.0							
125	1996.39					-19.7/3.06 T,-20.0/3.06 T,0.0/..	11.7/3.02 T,15.0/3.03 T,0.0/..	II/0.70/IV	445123.06	58988.54	829.19	125
		16.00	-9.2	225.0	45.0							
124	1980.46					-25.7/3.10 T,-11.0/3.02 T,0.0/..	14.3/3.03 T,15.0/3.03 T,0.0/..	II/0.70/IV	445134.28	58999.48	830.61	124
		12.47	-12.4	225.0	45.0							
123 kl	1968.08					-14.3/3.03 T,-15.0/3.03 T,0.0/..	-5.3/3.00 T,5.3/3.00 T,0.0/..	II/0.70/IV	445142.97	59007.98	832.10	123
		12.76	-6.8	225.0	45.0							
122 sl	1955.35					-6.7/3.01 T,-4.3/3.00 T,0.0/..	4.7/3.00 T,8.7/3.01 T,0.0/..	II/0.70/IV	445151.94	59016.72	832.93	122
		12.68	-8.6	207.0	27.0							
121 zl	1942.72					-2.3/3.00 T,2.3/3.00 T,0.0/..	7.3/3.01 T,6.7/3.01 T,0.0/..	II/0.70/IV	445157.75	59027.87	833.98	121
		19.16	-8.1	207.0	27.0							
120	1923.62					-6.3/3.01 T,5.0/3.00 T,0.0/..	8.3/3.01 T,8.7/3.01 T,0.0/..	II/0.70/IV	445166.53	59044.73	835.48	120
		24.27	-5.2	207.0	27.0							
119	1899.38					-6.3/3.00 T,-3.3/3.00 T,0.0/..	5.7/3.00 T,5.0/3.00 T,0.0/..	II/0.70/IV	445177.66	59066.12	836.67	119
		21.50	-3.6	207.0	27.0							
118	1877.90					-6.0/3.01 T,-0.3/3.00 T,0.0/..	4.3/3.00 T,9.0/3.01 T,0.0/..	II/0.70/IV	445187.53	59085.09	837.38	118
		19.33	-2.2	207.0	27.0							
117	1858.57					-2.7/3.00 T,-3.3/3.00 T,0.0/..	4.7/3.00 T,5.7/3.00 T,0.0/..	II/0.70/IV	445196.38	59102.14	837.75	117
		20.97	-1.7	207.0	27.0							
116 kl	1837.61					2.7/3.00 T,-2.0/3.00 T,0.0/..	4.7/3.00 T,4.7/3.00 T,0.0/..	II/0.70/IV	445206.00	59120.66	838.05	116
		11.19	-0.9	207.0	27.0							
115 sl	1826.42					-2.0/3.00 T,0.3/3.00 T,0.0/..	4.3/3.00 T,1.7/3.00 T,0.0/..	II/0.70/IV	445211.16	59130.54	838.12	115
		11.17	0.9	226.0	46.0							
114 zl	1815.25					-0.3/3.00 T,9.7/3.01 T,0.0/..	0.3/3.00 T,0.3/3.00 T,0.0/..	II/0.70/IV	445219.13	59138.06	837.98	114
		18.01	3.4	226.0	46.0							
113	1797.25					-4.7/3.00 T,-0.3/3.00 T,0.0/..	-3.0/3.00 T,7.0/3.01 T,0.0/..	II/0.70/IV	445232.00	59150.18	837.32	113
		23.96	7.4	226.0	46.0							
112	1773.35					-3.3/3.00 T,-3.3/3.00 T,0.0/..	6.0/3.01 T,2.7/3.00 T,0.0/..	II/0.70/IV	445249.06	59166.28	835.48	112
		18.84	7.0	226.0	46.0							
111 kl	1754.56					-0.3/3.00 T,7.3/3.01 T,0.0/..	1.3/3.00 T,4.7/3.00 T,0.0/..	II/0.70/IV	445262.50	59178.94	834.11	111
		10.01	7.9	226.0	46.0							
110 sl	1744.58					-0.3/3.00 T,4.7/3.00 T,0.0/..	13.0/3.03 T,-7.0/3.01 T,0.0/..	II/0.70/IV	445269.63	59185.66	833.30	110

Label	Station	S.D.	Slp.(%)	Fore Azi	Back Azi	SSL Slp.(%)S.D.	SSR Slp.(%)S.D.	GND	X	Y	Z	Index
			0.0									
	2182.02					0.0/..	0.0/..	II/0.70/IV	445070.59	58819.01	813.94	138
136	2181.02	1.00	0.0	178.0	358.0	-2.0/20.00 T,0.0/..	2.0/20.00 T,0.0/..	II/0.70/IV	445070.59	58820.01	813.94	137
		29.00	-2.0	178.0	358.0							
136-C	* 2152.03					3.0/3.00 T,-1.7/3.00 T,0.0/..	-2.7/3.00 T,-1.3/3.00 T,0.0/..	II/0.70/IV	445071.00	58849.00	814.52	136
		16.36	-7.7	178.0	358.0							
135	2135.72					3.0/3.00 T,-5.7/3.00 T,0.0/..	1.3/3.00 T,-2.7/3.00 T,0.0/..	II/0.70/IV	445070.59	58865.55	815.73	135
		12.90	-14.0	178.0	358.0							
134 kl	2122.94					-10.3/3.02 T,-4.3/3.00 T,0.0/..	1.0/3.00 T,4.3/3.00 T,0.0/..	II/0.70/IV	445070.31	58878.52	817.48	134
		12.00	-12.3	178.0	358.0							
133 sl	2111.03					-9.3/3.01 T,-8.3/3.01 T,0.0/..	10.7/3.02 T,8.0/3.01 T,0.0/..	II/0.70/IV	445070.03	58890.61	818.91	133
		12.03	-9.7	195.0	15.0							
132 zl	2099.06					-12.3/3.02 T,-18.0/3.05 T,0.0/..	9.3/3.01 T,11.7/3.02 T,0.0/..	II/0.70/IV	445073.22	58902.19	820.04	132
		18.25	-11.4	195.0	15.0							
131 kl	2080.92					-15.7/3.04 T,-14.7/3.03 T,0.0/..	13.7/3.03 T,23.0/3.08 T,0.0/..	II/0.70/IV	445078.06	58919.73	822.06	131
		18.27	-15.4	195.0	15.0							
130 sl	2062.87					-19.0/3.05 T,-20.3/3.06 T,0.0/..	18.3/3.05 T,14.3/3.03 T,0.0/..	II/0.70/IV	445082.94	58937.19	824.78	130
		8.34	-8.7	211.0	31.0							
129 zl	2054.56					-22.0/3.07 T,-21.3/3.07 T,0.0/..	28.7/3.12 T,27.7/3.11 T,0.0/..	II/0.70/IV	445087.25	58944.22	825.48	129
		15.83	-12.5	211.0	31.0							
128 kl	2038.85					-16.0/3.00 T,-24.0/3.09 T,0.0/..	19.3/3.06 T,13.3/3.03 T,0.0/..	II/0.70/IV	445095.41	58957.51	827.40	128
		11.76	-5.6	211.0	31.0							
127 sl	2027.11					-15.0/3.03 T,-21.0/3.07 T,0.0/..	13.3/3.03 T,9.7/3.01 T,0.0/..	II/0.70/IV	445101.47	58967.44	828.03	127
		11.73	-1.4	225.0	45.0							
126 zl	2015.38					-17.3/3.04 T,-15.3/3.04 T,0.0/..	20.7/3.06 T,18.7/3.05 T,0.0/..	II/0.70/IV	445109.72	58975.50	828.16	126

Description: Jerusi 2

Crew: Boštjan Jež

Unit:

Survey Date:

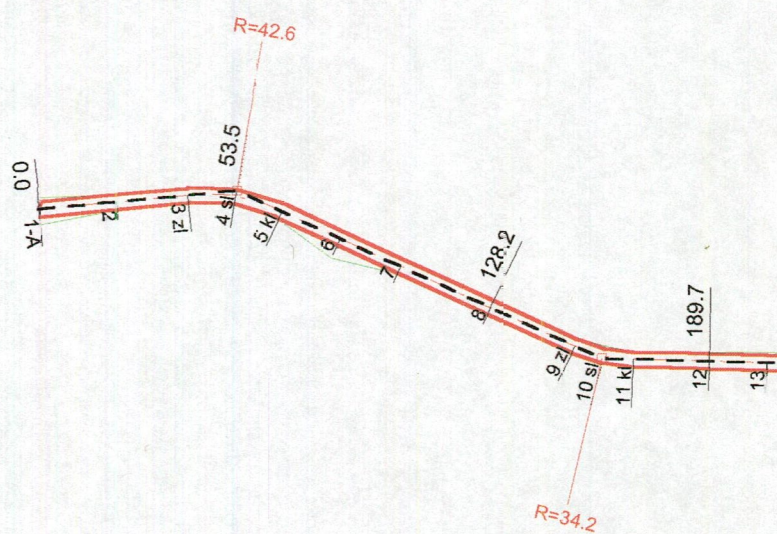
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Number of Shots: 42

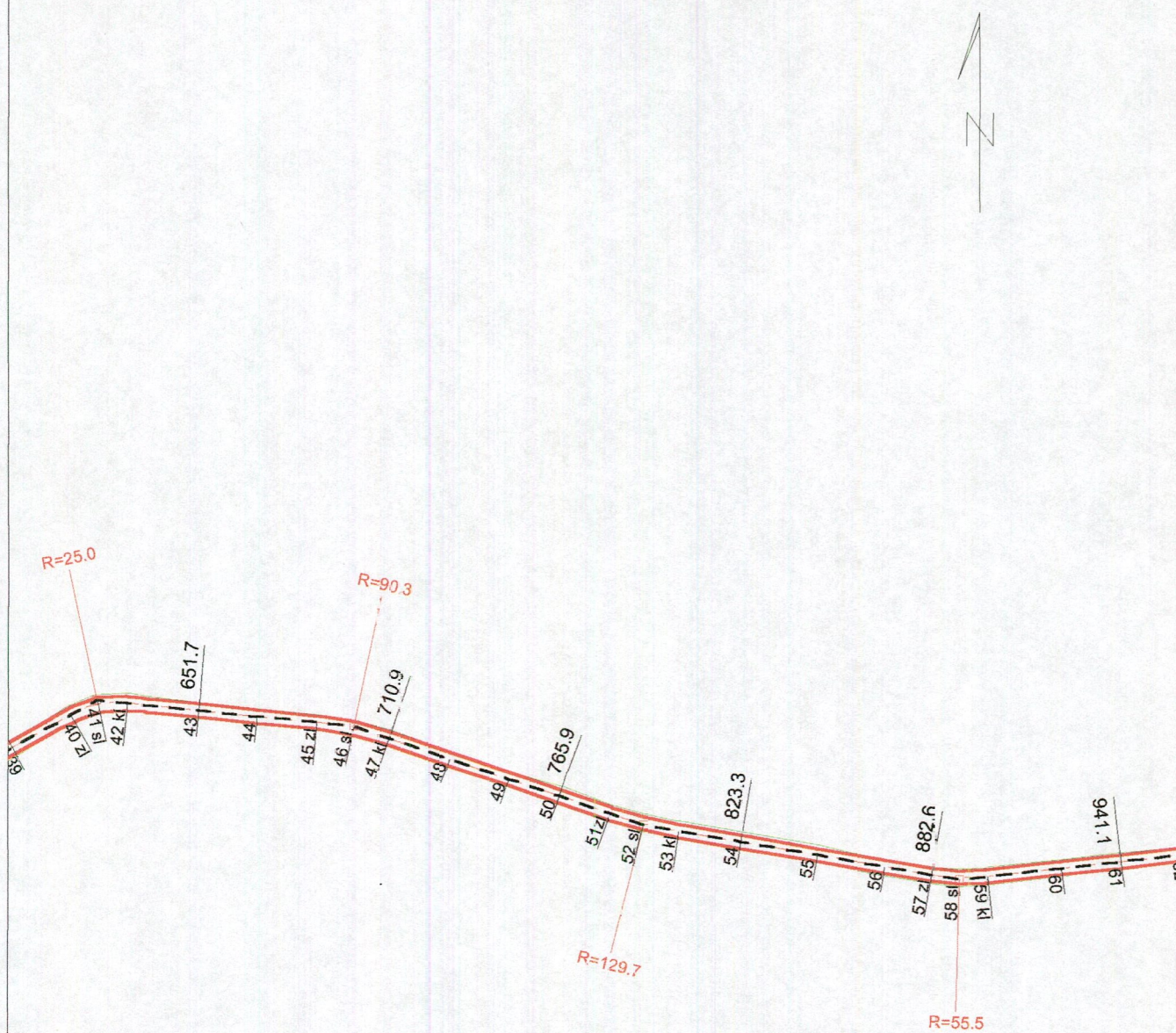
Label	Station	S.D.	Slp.(%)	Fore Azi	Back Azi	SSL Slp.(%)S.D.	SSR Slp.(%)S.D.	GND	X	Y	Z	Index
			10.11	-3.5	32.0	212.0						
148 zl	219.47					-33.3/3.16 T,-29.3/3.13 T,0.0/..	31.0/3.14 T,19.7/3.06 T,0.0/..	OB/0.10/IV/0.60V	445414.81	59465.95	834.58	13
			19.91	14.5	32.0	212.0						
147	199.77					-23.7/3.08 T,-29.0/3.12 T,0.0/..	29.7/3.13 T,21.7/3.07 T,0.0/..	OB/0.10/IV/0.60V	445403.09	59450.76	831.73	12
			21.32	7.9	32.0	212.0						
146	178.51					-9.7/3.01 T,-14.3/3.03 T,0.0/..	18.0/3.05 T,18.7/3.05 T,0.0/..	OB/0.10/IV/0.60V	445390.47	59434.38	830.05	11
			21.16	4.2	32.0	212.0						
145	157.37					-28.0/3.12 T,-18.7/3.05 T,0.0/..	21.0/3.07 T,16.3/3.04 T,0.0/..	OB/0.10/IV/0.60V	445377.91	59418.09	829.16	10
			19.82	4.8	32.0	212.0						
144	137.57					-31.0/3.14 T,-19.3/3.06 T,0.0/..	19.7/3.06 T,22.0/3.07 T,0.0/..	OB/0.10/IV/0.60V	445366.13	59402.84	828.21	9
			17.39	2.5	32.0	212.0						
143	120.19					-26.3/3.10 T,-25.0/3.09 T,0.0/..	23.7/3.08 T,15.0/3.03 T,0.0/..	OB/0.10/IV/0.60V	445355.81	59389.45	827.77	8
			19.81	3.4	32.0	212.0						
142 kl	100.39					-28.0/3.12 T,-17.0/3.04 T,0.0/..	20.7/3.06 T,17.3/3.04 T,0.0/..	OB/0.10/IV/0.60V	445344.03	59374.19	827.10	7
			11.00	0.9	32.0	212.0						
141 sl	89.39					-27.7/3.11 T,-10.3/3.02 T,0.0/..	19.3/3.06 T,26.0/3.10 T,0.0/..	OB/0.10/IV/0.60V	445337.47	59365.71	827.00	6
			10.89	-7.6	20.0	200.0						
140 zl	78.53					-13.0/3.03 T,-21.3/3.07 T,0.0/..	18.3/3.05 T,15.0/3.03 T,0.0/..	OB/0.10/IV/0.60V	445333.00	59356.25	827.83	5
			18.43	6.3	20.0	200.0						
139	60.14					-22.7/3.08 T,-11.7/3.02 T,0.0/..	20.7/3.06 T,16.7/3.04 T,0.0/..	OB/0.10/IV/0.60V	445325.44	59340.23	826.67	4
			12.56	4.0	20.0	200.0						
138 kl	47.59					-11.3/3.02 T,-8.3/3.01 T,0.0/..	16.0/3.04 T,7.7/3.01 T,0.0/..	II/0.70/IV	445320.28	59329.29	826.16	3
			23.79	-2.1	20.0	200.0						
137 sl	23.80					-6.7/3.01 T,-7.7/3.01 T,0.0/..	4.7/3.00 T,2.7/3.00 T,0.0/..	II/0.70/IV	445310.50	59308.57	826.66	2
			23.86	6.9	110.0	290.0						
102 zl	* 0.00					-8.7/3.01 T,-6.0/3.01 T,0.0/..	13.0/3.03 T,13.3/3.03 T,0.0/..	II/0.70/IV	445288.00	59319.00	825.02	1

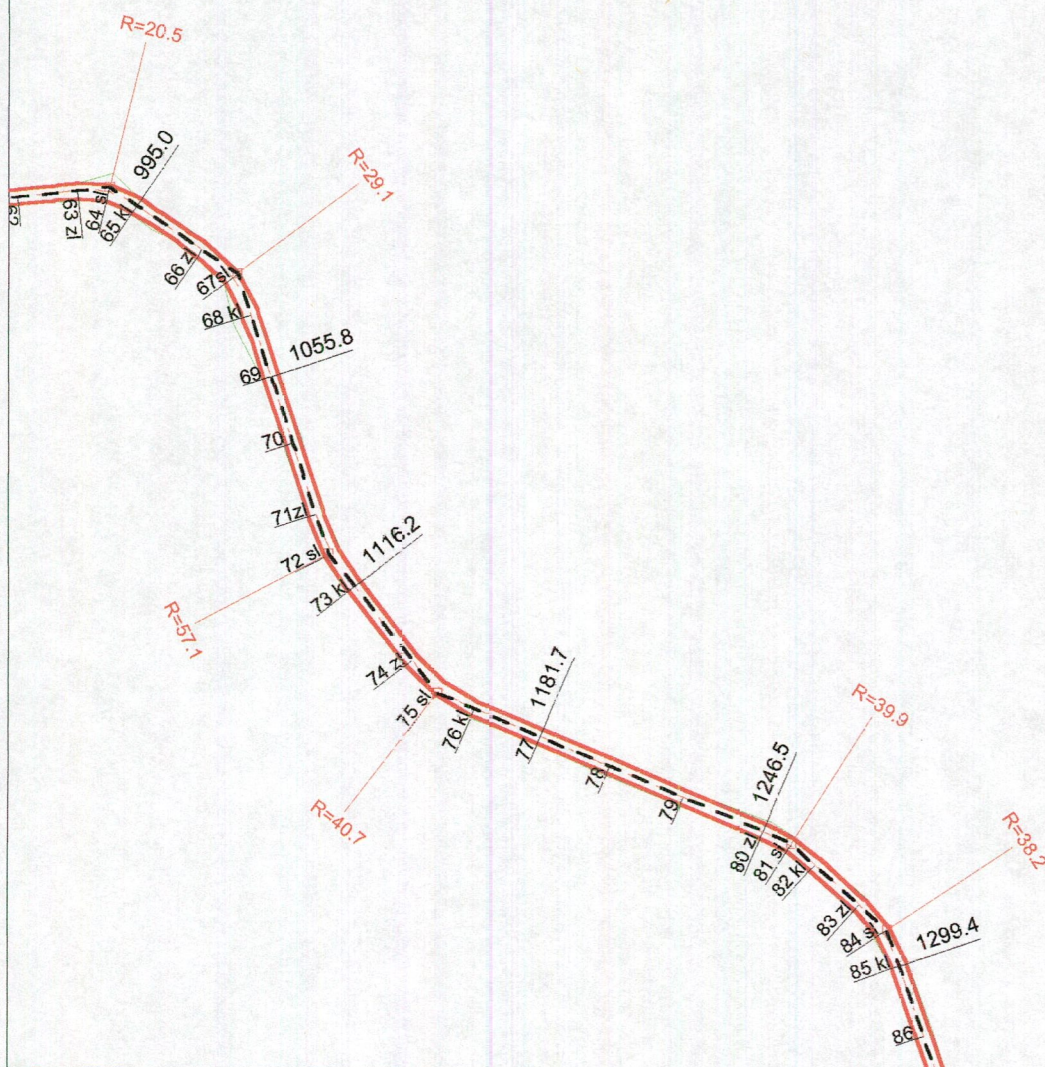
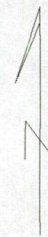
Label	Station	S.D.	Slp.(%)	Fore Azi	Back Azi	SSL Slp.(%)/S.D.	SSR Slp.(%)/S.D.	GND	X	Y	Z	Index
164 sl	435.13	10.66	13.4	18.0	198.0	-11.3/3.02 T,-20.3/3.06 T,0.0/..	12.0/3.02 T,15.3/3.04 T,0.0/..	II/0.40/IV/0.60V	445552.34	59588.46	855.30	29
		10.55	7.1	353.0	173.0							
163 zl	424.60					-9.7/3.01 T,-19.0/3.05 T,0.0/..	11.7/3.02 T,10.3/3.02 T,0.0/..	II/0.40/IV/0.60V	445552.88	59578.50	854.55	28
		16.02	4.9	353.0	173.0							
162	408.60					-16.7/3.04 T,-12.0/3.02 T,0.0/..	13.3/3.03 T,10.3/3.02 T,0.0/..	II/0.40/IV/0.60V	445553.66	59563.35	853.77	27
		16.75	9.4	353.0	173.0							
161 kl	391.92					-13.7/3.03 T,-15.7/3.04 T,0.0/..	19.3/3.06 T,14.7/3.03 T,0.0/..	II/0.40/IV/0.60V	445554.50	59547.56	852.20	26
		8.22	8.7	353.0	173.0							
160 sl	383.74					-12.7/3.02 T,-10.3/3.02 T,0.0/..	12.0/3.02 T,11.0/3.02 T,0.0/..	II/0.40/IV/0.60V	445554.88	59539.81	851.49	25
		8.43	23.3	30.0	210.0							
159 zl	375.53					8.3/3.01 T,0.3/3.00 T,0.0/..	-4.3/3.00 T,0.7/3.00 T,0.0/..	II/0.40/IV/0.60V	445550.25	59533.32	849.57	24
		11.34	17.3	30.0	210.0							
158 kl	364.35					-9.7/3.01 T,-13.0/3.03 T,0.0/..	14.3/3.03 T,14.3/3.03 T,0.0/..	II/0.40/IV/0.60V	445543.94	59524.50	847.64	23
		10.96	-0.5	30.0	210.0							
157 sl	353.39					-22.0/3.07 T,-15.0/3.00 T,0.0/..	24.0/3.09 T,21.7/3.07 T,0.0/..	II/0.40/IV/0.60V	445537.72	59515.84	847.69	22
		10.94	2.7	64.2	244.2							
156 zl	342.46					-29.0/3.12 T,-21.0/3.07 T,0.0/..	18.3/3.05 T,18.0/3.05 T,0.0/..	II/0.40/IV/0.60V	445527.41	59512.13	847.40	21
		17.44	15.1	64.2	244.2							
155	325.21					-18.0/3.05 T,-13.3/3.03 T,0.0/..	28.0/3.12 T,25.3/3.09 T,0.0/..	II/0.40/IV/0.60V	445511.13	59506.26	844.79	20
		13.93	9.5	64.2	244.2							
154	311.34					-35.0/3.18 T,-17.7/3.05 T,0.0/..	31.3/3.14 T,27.7/3.11 T,0.0/..	II/0.40/IV/0.60V	445498.06	59501.54	843.48	19
		18.00	10.0	64.2	244.2							
153	293.43					-34.3/3.17 T,-27.0/3.11 T,0.0/..	31.3/3.00 T,25.0/3.09 T,0.0/..	II/0.40/IV/0.60V	445481.13	59495.45	841.68	18
		20.88	11.5	64.2	244.2							
152	272.69					-26.0/3.10 T,-17.7/3.05 T,0.0/..	30.7/3.14 T,46.3/3.31 T,0.0/..	II/0.40/IV/0.60V	445461.56	59488.39	839.30	17
		18.39	8.6	64.2	244.2							
151	254.37					-28.3/3.12 T,-33.7/3.17 T,0.0/..	31.0/3.14 T,42.0/3.25 T,0.0/..	II/0.40/IV/0.60V	445444.25	59482.16	837.72	16
		14.75	11.5	64.2	244.2							
150 kl	239.71					-34.7/3.18 T,-7.0/3.01 T,0.0/..	27.0/3.11 T,39.0/3.22 T,0.0/..	OB/0.10/IV/0.60V	445430.41	59477.18	836.04	15
		10.30	17.8	64.2	244.2							
149 sl	229.57					-33.0/3.16 T,-28.7/3.12 T,0.0/..	33.0/3.16 T,29.7/3.13 T,0.0/..	OB/0.10/IV/0.60V	445420.81	59473.73	834.23	14

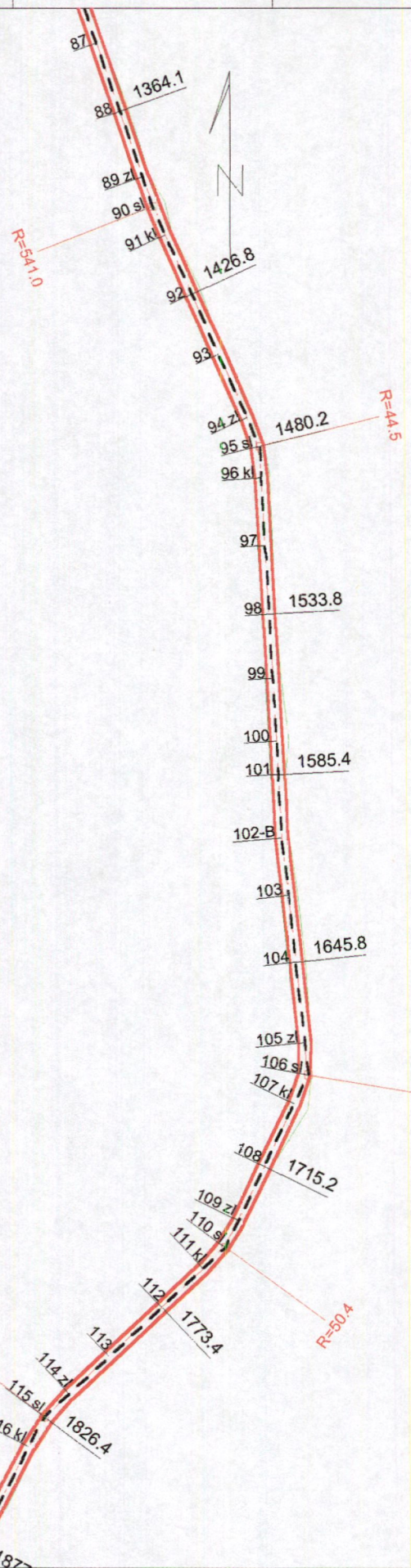
Label	Station	S.D.	Slp.(%)	Fore Azi	Back Azi	SSL Slp.(%)/S.D.	SSR Slp.(%)/S.D.	GND	X	Y	Z	Index
			0.0									
177	661.54	29.00	1.0	30.0	210.0	-1.0/20.00 T,0.0/..	0.0/20.00 T,0.0/..	II/0.40/IV/0.60V	445656.72	59780.38	873.69	42
176 D	* 632.54					-1.7/3.00 T,-0.3/3.00 T,0.0/..	1.0/3.00 T,0.7/3.00 T,0.0/..	II/0.40/IV/0.60V	445641.00	59756.00	873.40	41
		13.89	3.1	30.0	210.0							
175	618.65					-7.7/3.01 T,4.3/3.00 T,0.0/..	-3.3/3.00 T,4.7/3.00 T,0.0/..	II/0.40/IV/0.60V	445633.16	59745.04	872.97	40
		12.63	8.0	30.0	210.0							
174	606.06					1.7/3.00 T,1.7/3.00 T,0.0/..	3.0/3.00 T,2.0/3.00 T,0.0/..	II/0.40/IV/0.60V	445626.03	59735.09	871.96	39
		17.07	10.5	30.0	210.0							
173	589.09					4.0/3.00 T,-1.0/3.00 T,0.0/..	0.7/3.00 T,-1.7/3.00 T,0.0/..	II/0.40/IV/0.60V	445616.44	59721.68	870.18	38
		19.83	7.8	30.0	210.0							
172 kl	569.32					5.3/3.00 T,5.0/3.00 T,0.0/..	3.7/3.00 T,-0.7/3.00 T,0.0/..	II/0.40/IV/0.60V	445605.25	59706.06	868.64	37
		11.23	8.3	30.0	210.0							
171 sl	558.13					-4.0/3.00 T,4.3/3.00 T,0.0/..	1.3/3.00 T,7.3/3.01 T,0.0/..	II/0.40/IV/0.60V	445598.94	59697.22	867.71	36
		11.22	7.1	18.0	198.0							
170 zl	546.93					-0.3/3.00 T,-0.3/3.00 T,0.0/..	2.3/3.00 T,4.3/3.00 T,0.0/..	II/0.40/IV/0.60V	445594.69	59687.33	866.91	35
		22.18	6.5	18.0	198.0							
169	524.80					-5.0/3.00 T,-18.0/3.05 T,0.0/..	6.0/3.01 T,10.3/3.02 T,0.0/..	II/0.40/IV/0.60V	445586.31	59667.76	865.47	34
		16.85	11.6	18.0	198.0							
168	508.06					-15.7/3.04 T,-14.7/3.03 T,0.0/..	16.7/3.04 T,14.3/3.03 T,0.0/..	II/0.40/IV/0.60V	445579.97	59652.96	863.53	33
		21.84	7.8	18.0	198.0							
167	486.29					-11.3/3.02 T,-17.7/3.05 T,0.0/..	11.0/3.02 T,11.7/3.02 T,0.0/..	II/0.40/IV/0.60V	445571.75	59633.70	861.83	32
		19.66	12.5	18.0	198.0							
166	466.78					-11.3/3.02 T,-9.0/3.01 T,0.0/..	12.7/3.02 T,11.7/3.02 T,0.0/..	II/0.40/IV/0.60V	445564.34	59616.45	859.39	31
		21.26	12.7	18.0	198.0							
165 kl	445.69					-4.3/3.00 T,-15.3/3.04 T,0.0/..	21.0/3.07 T,6.3/3.01 T,0.0/..	II/0.40/IV/0.60V	445556.34	59597.81	856.71	30

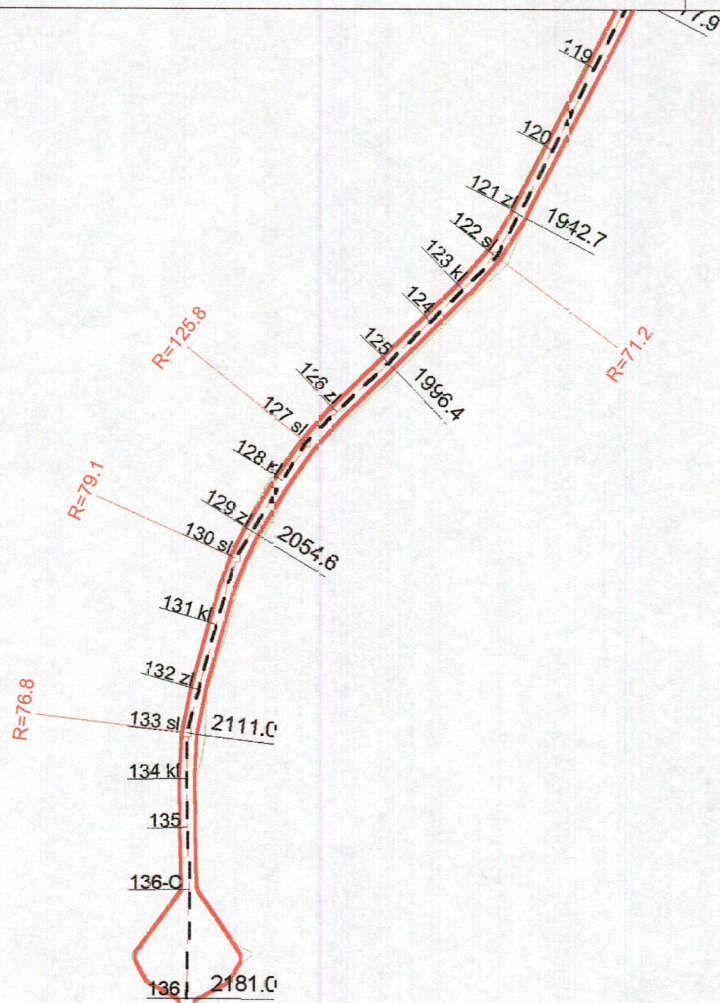


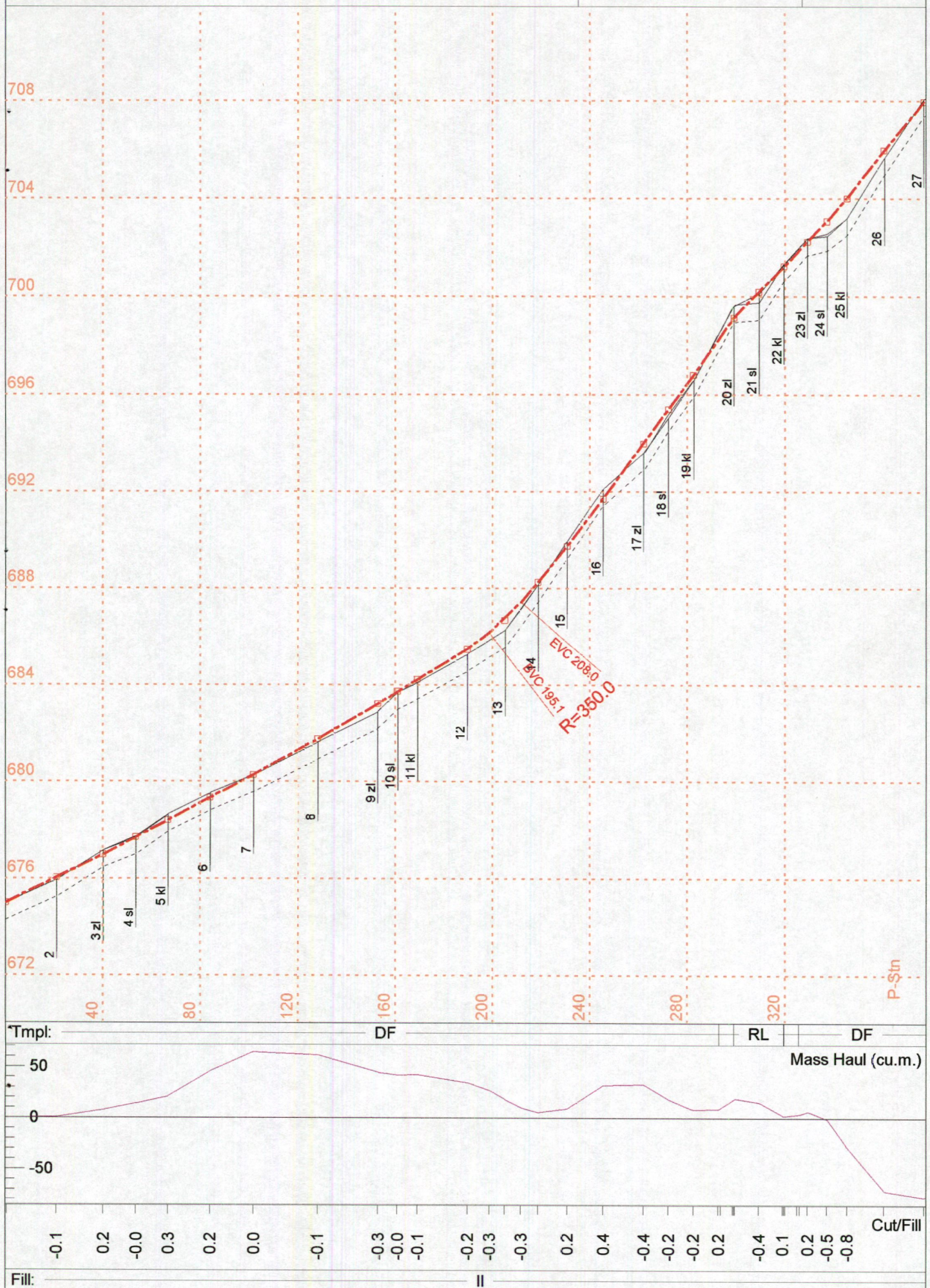


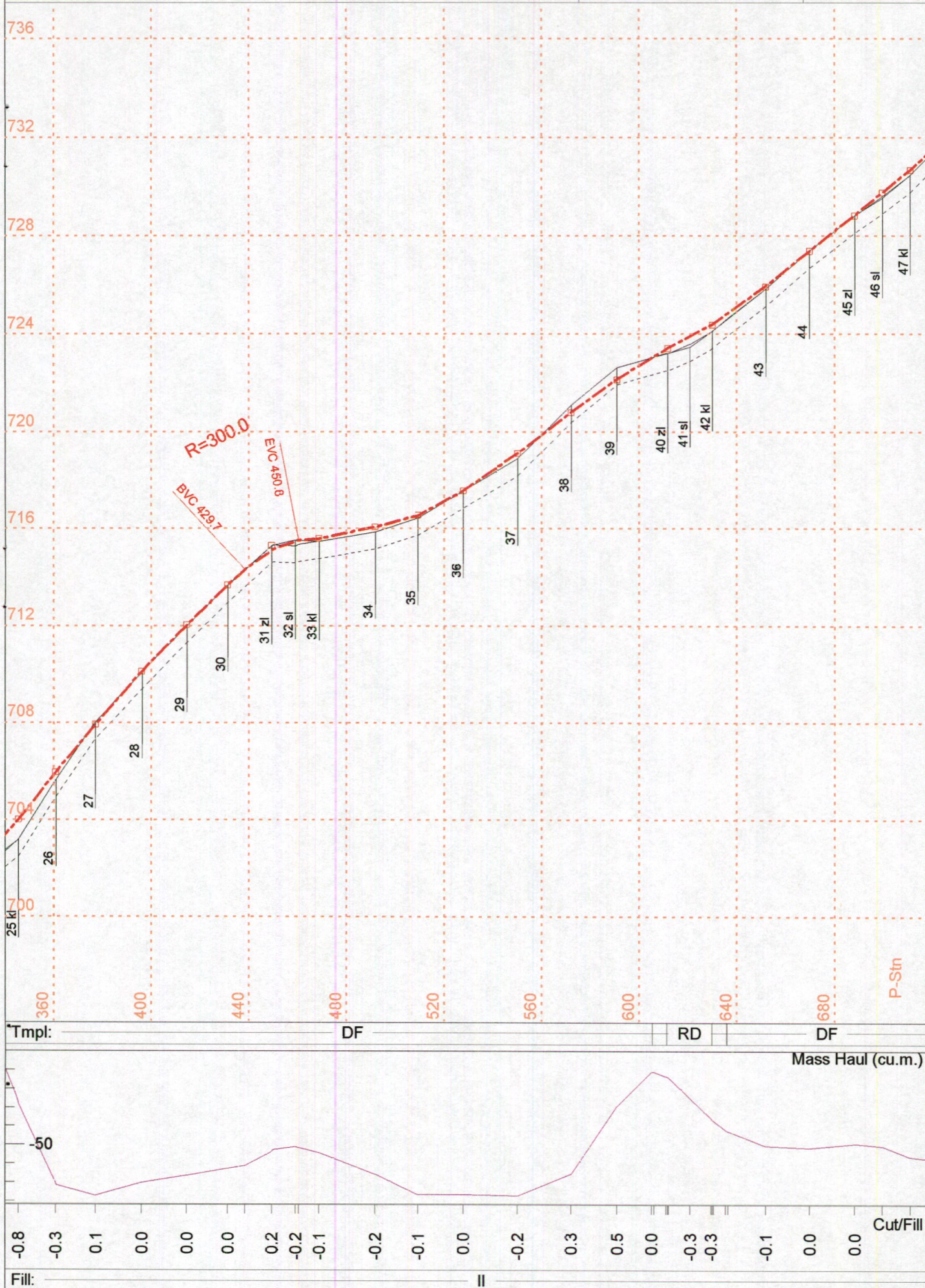


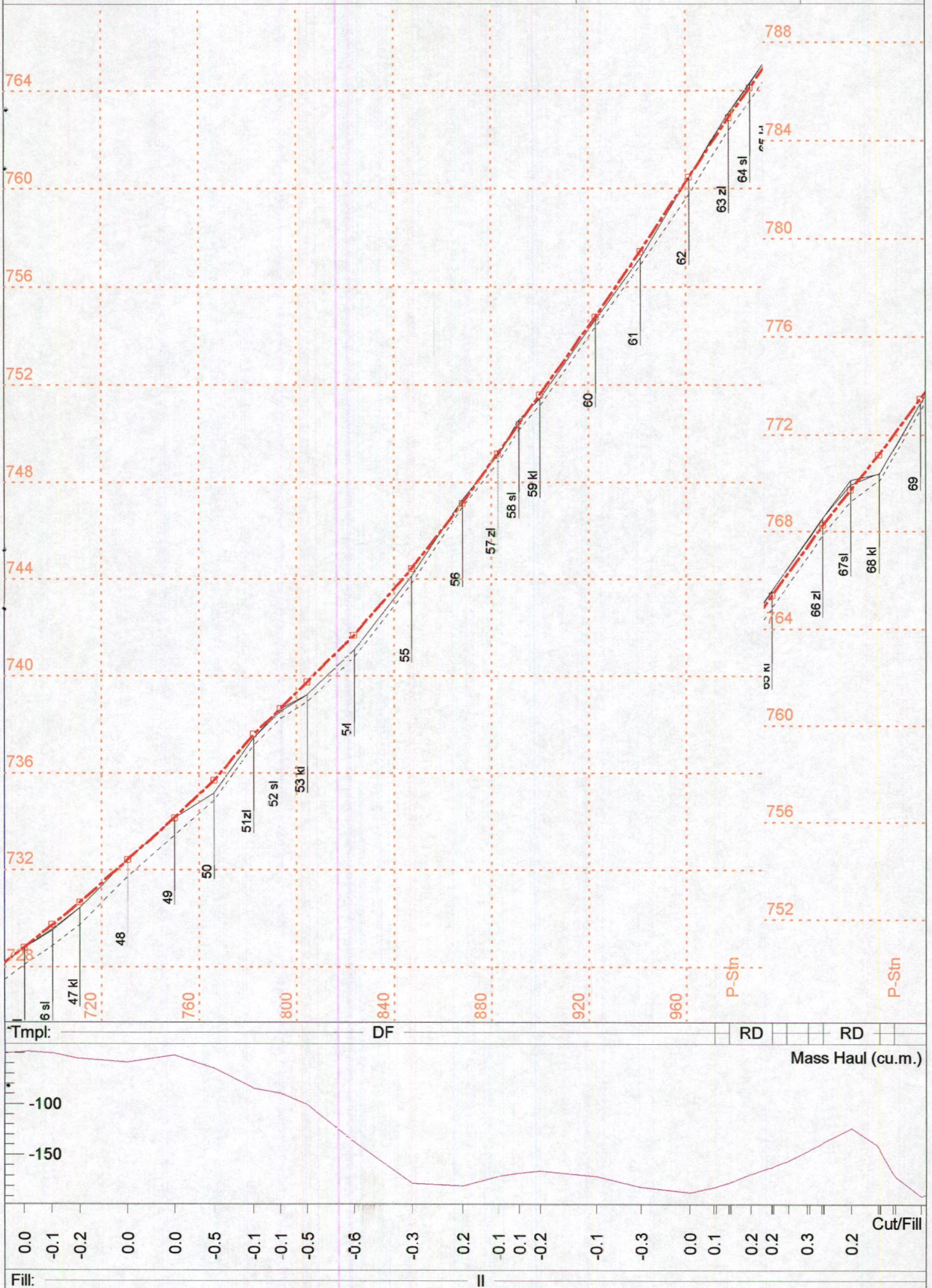


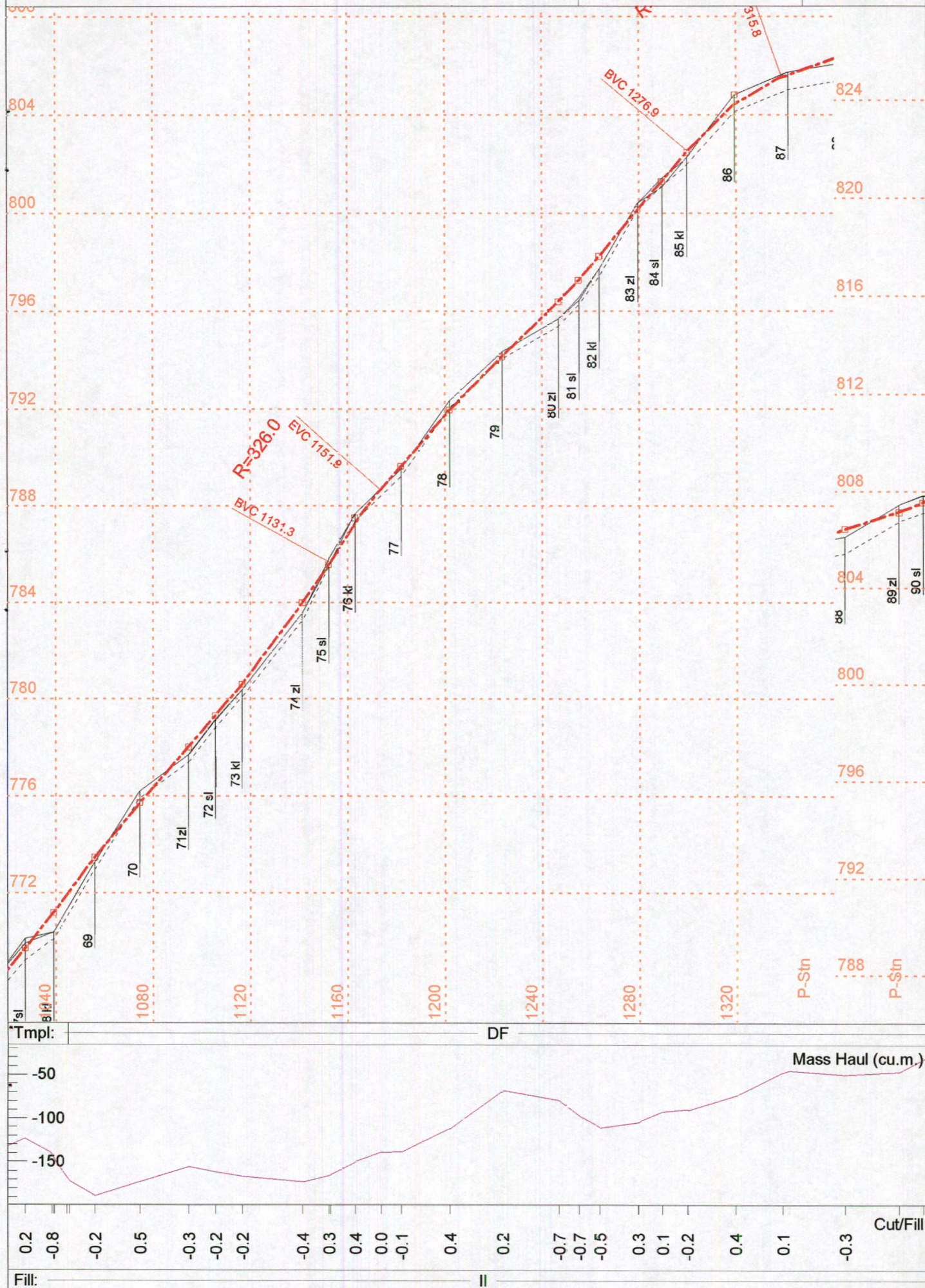


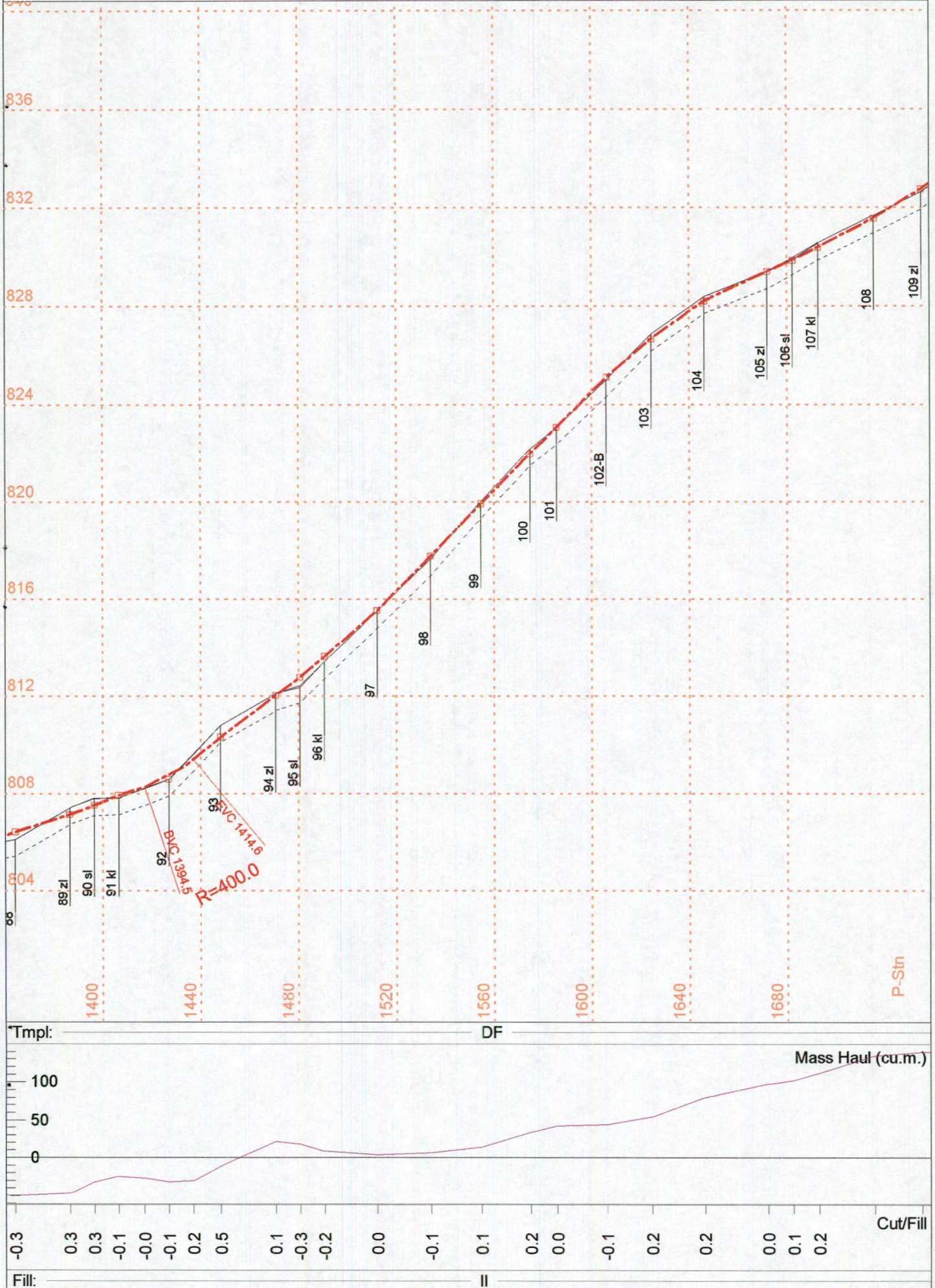


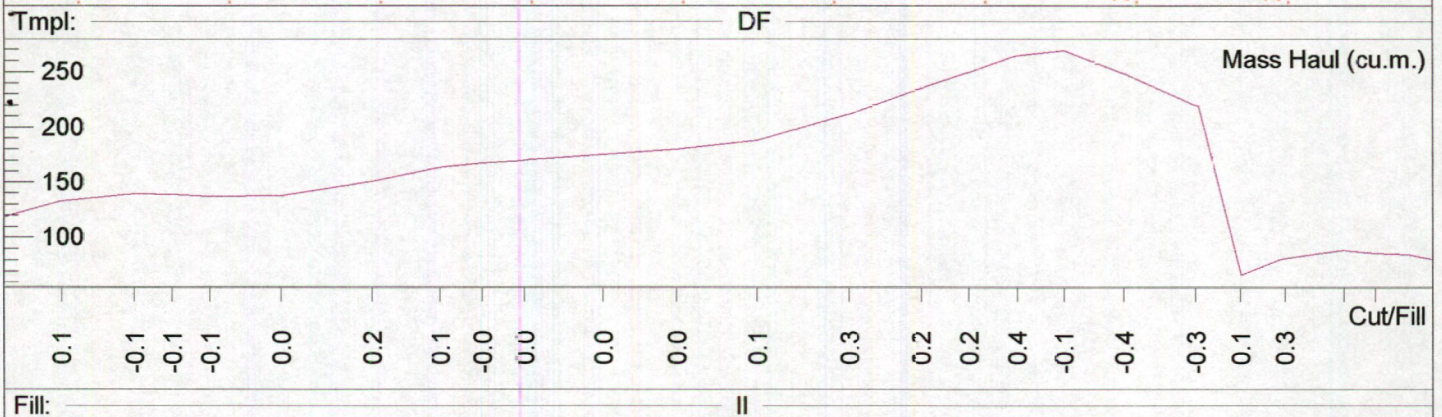
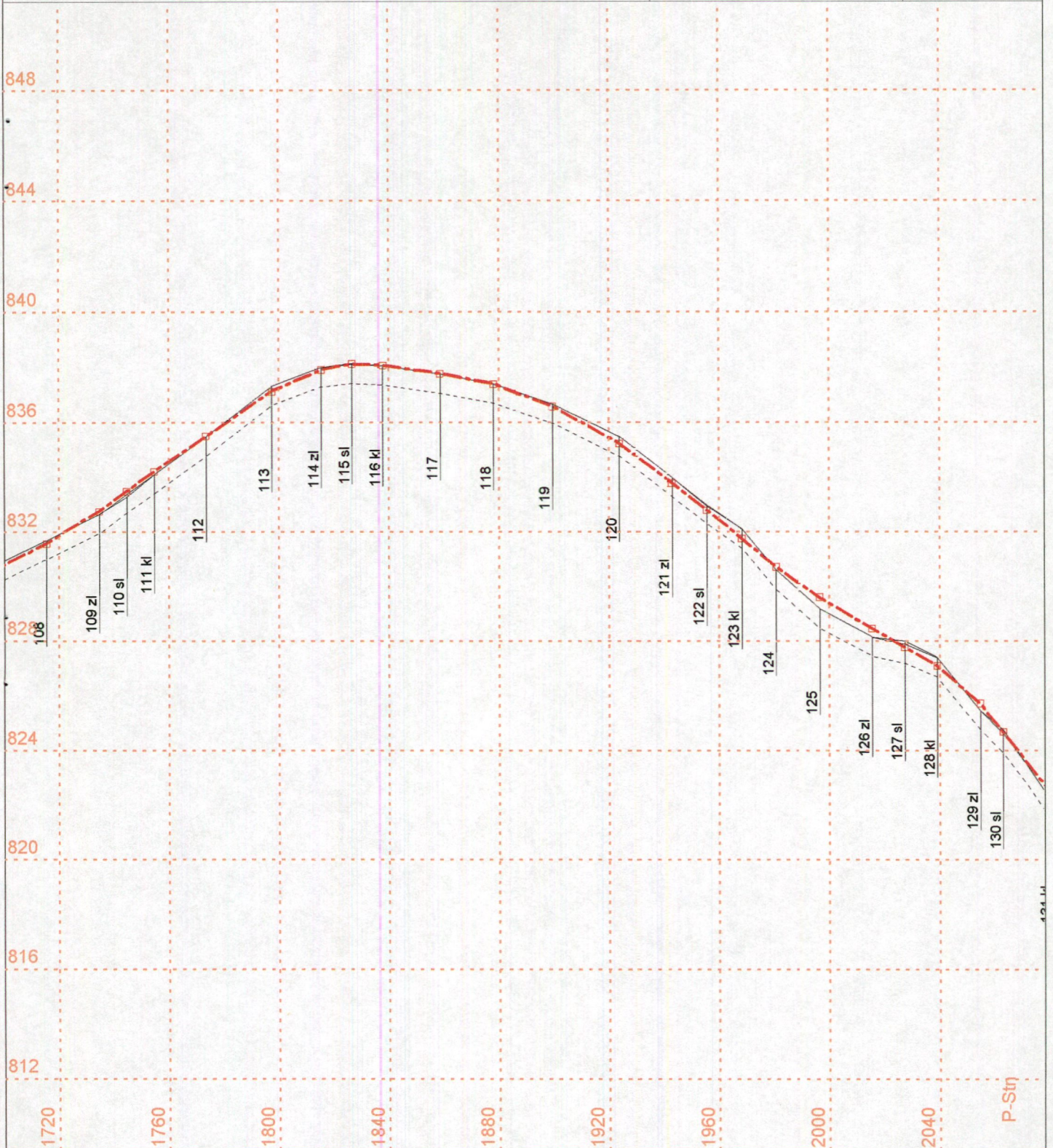


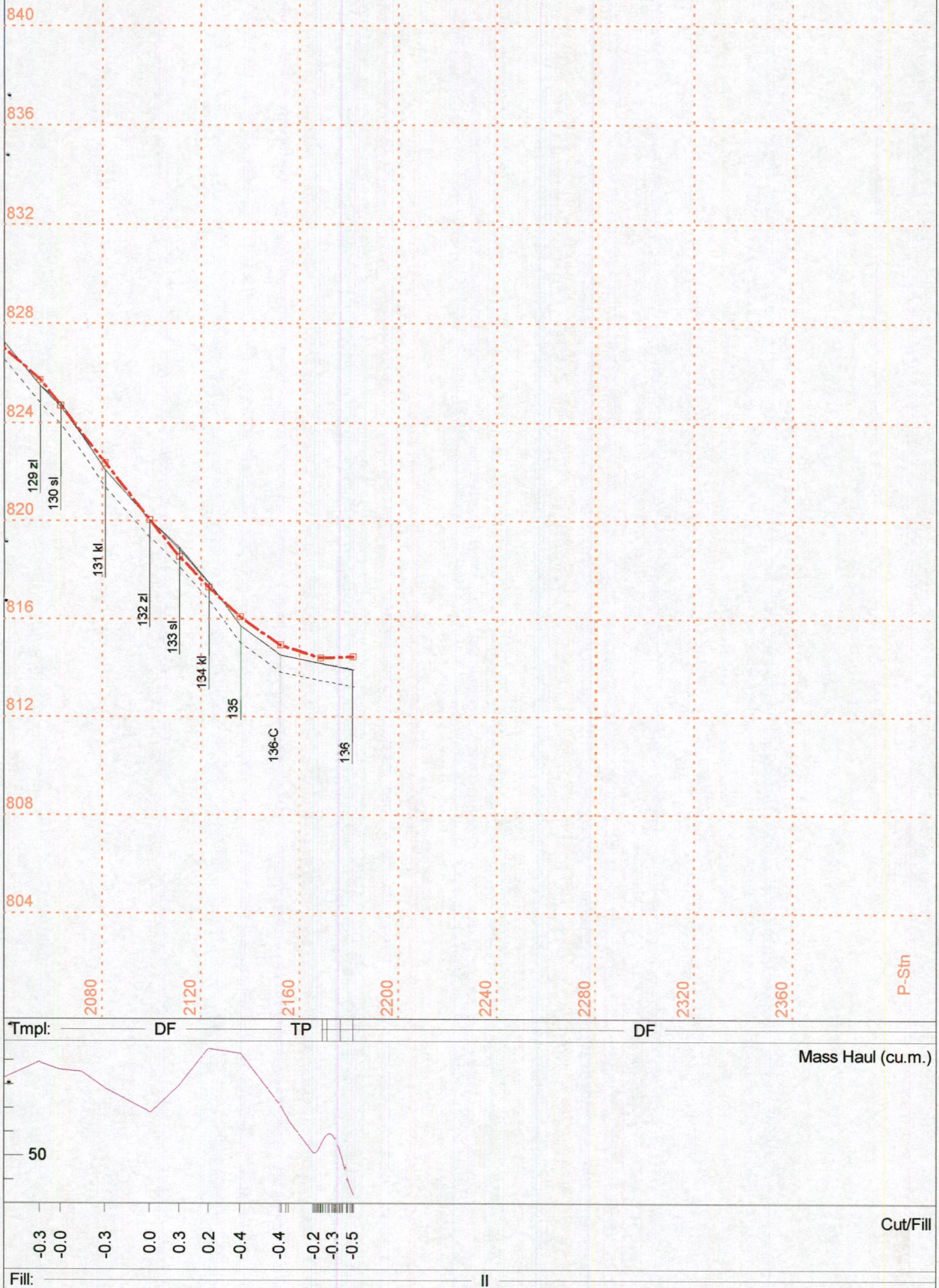


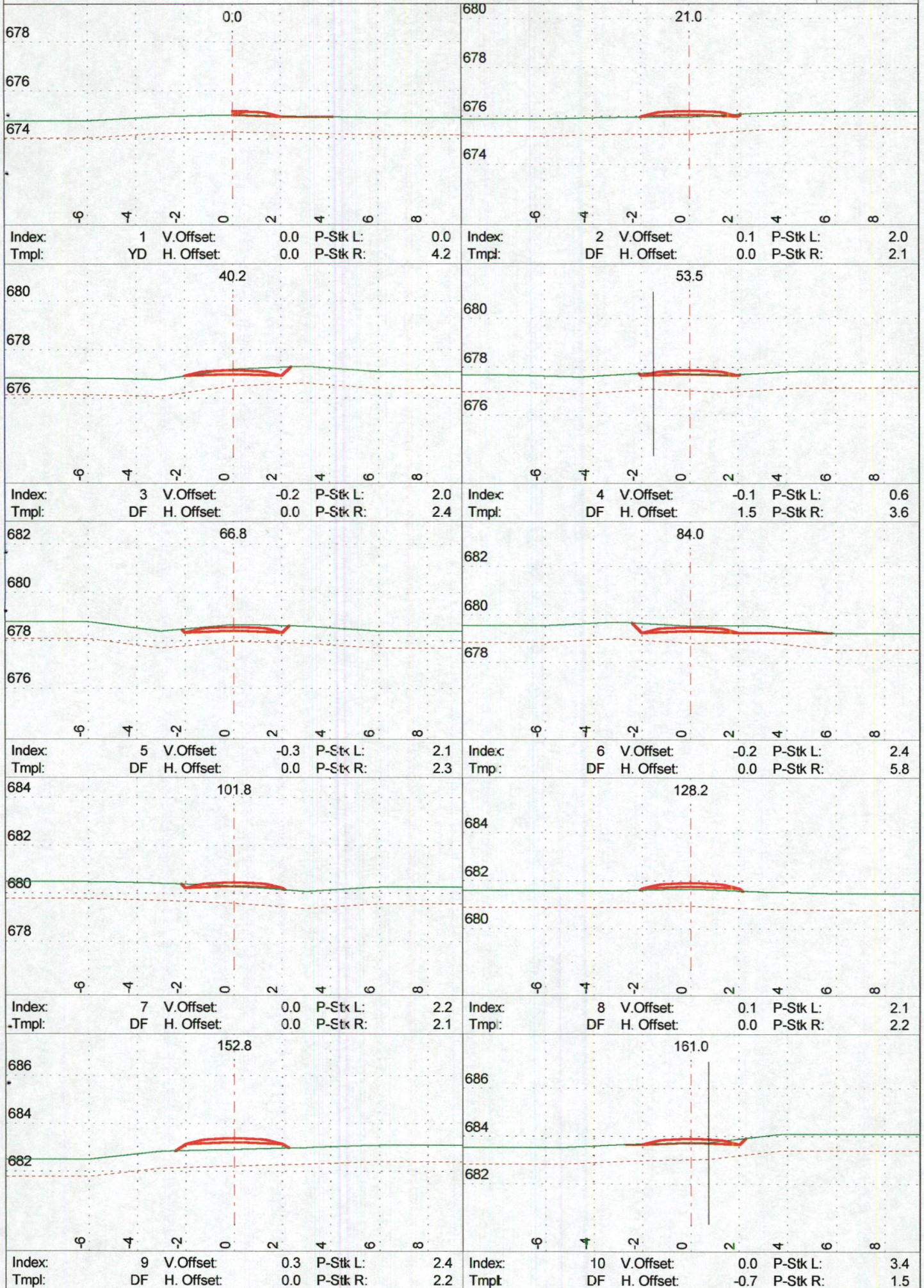


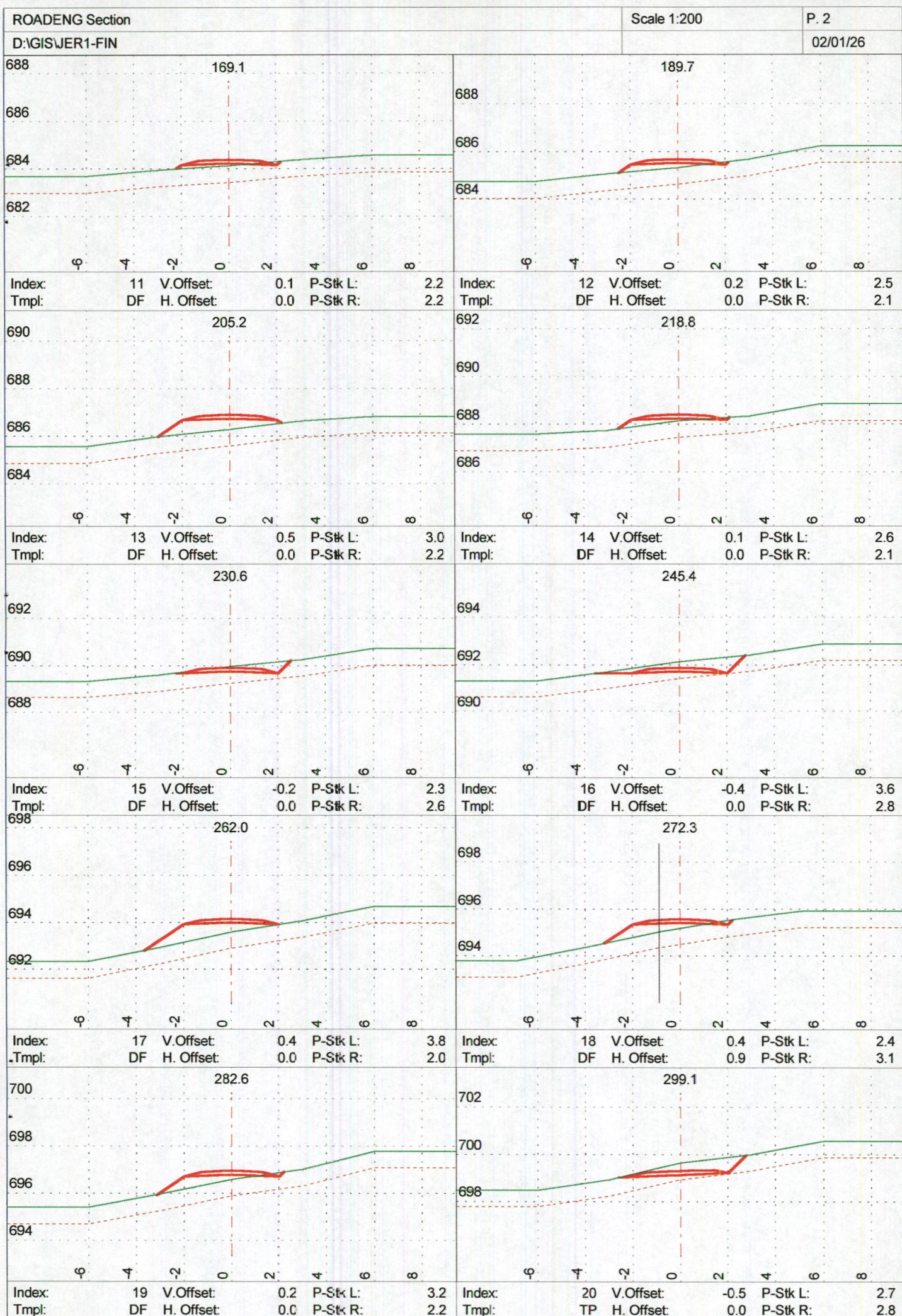


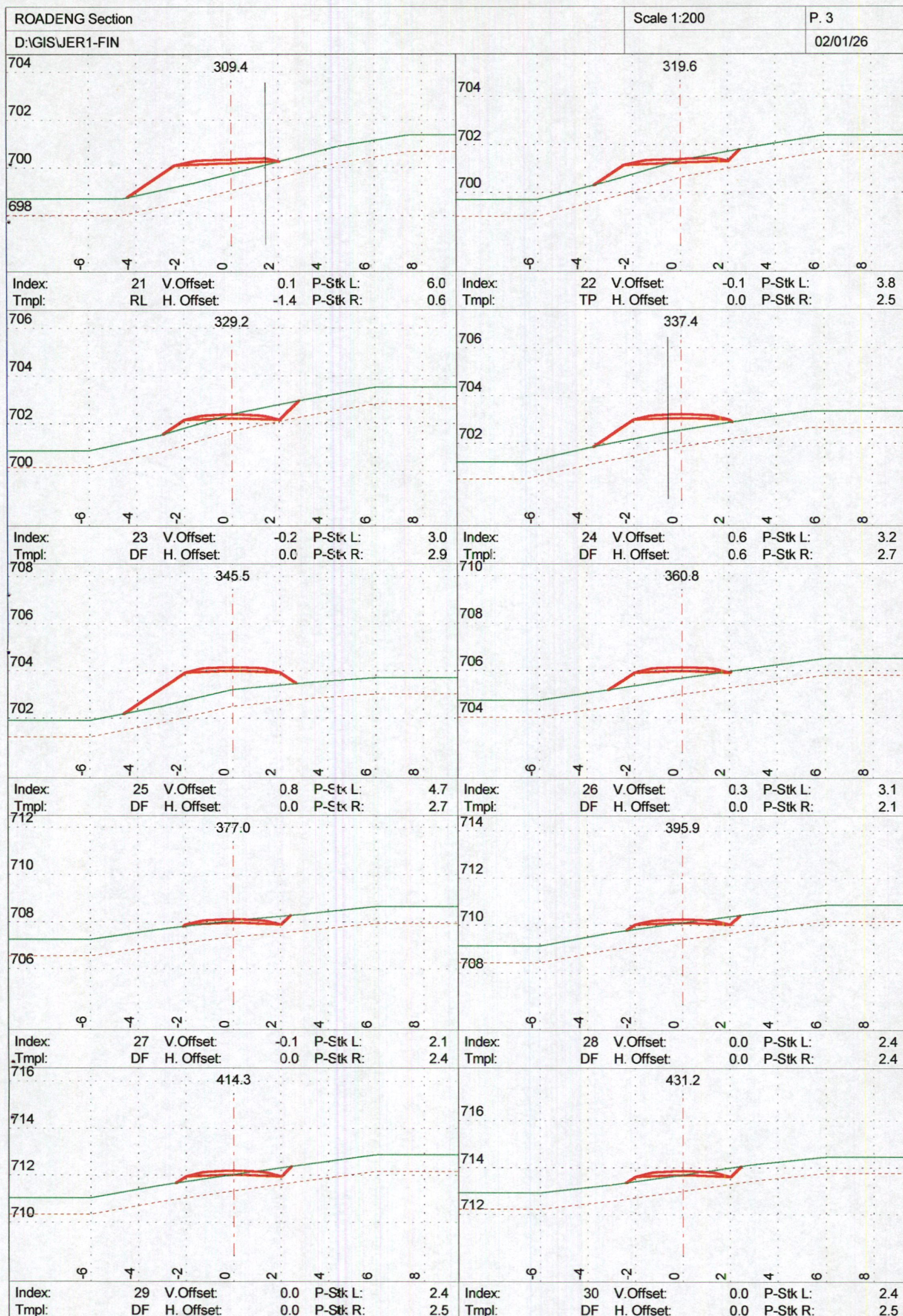


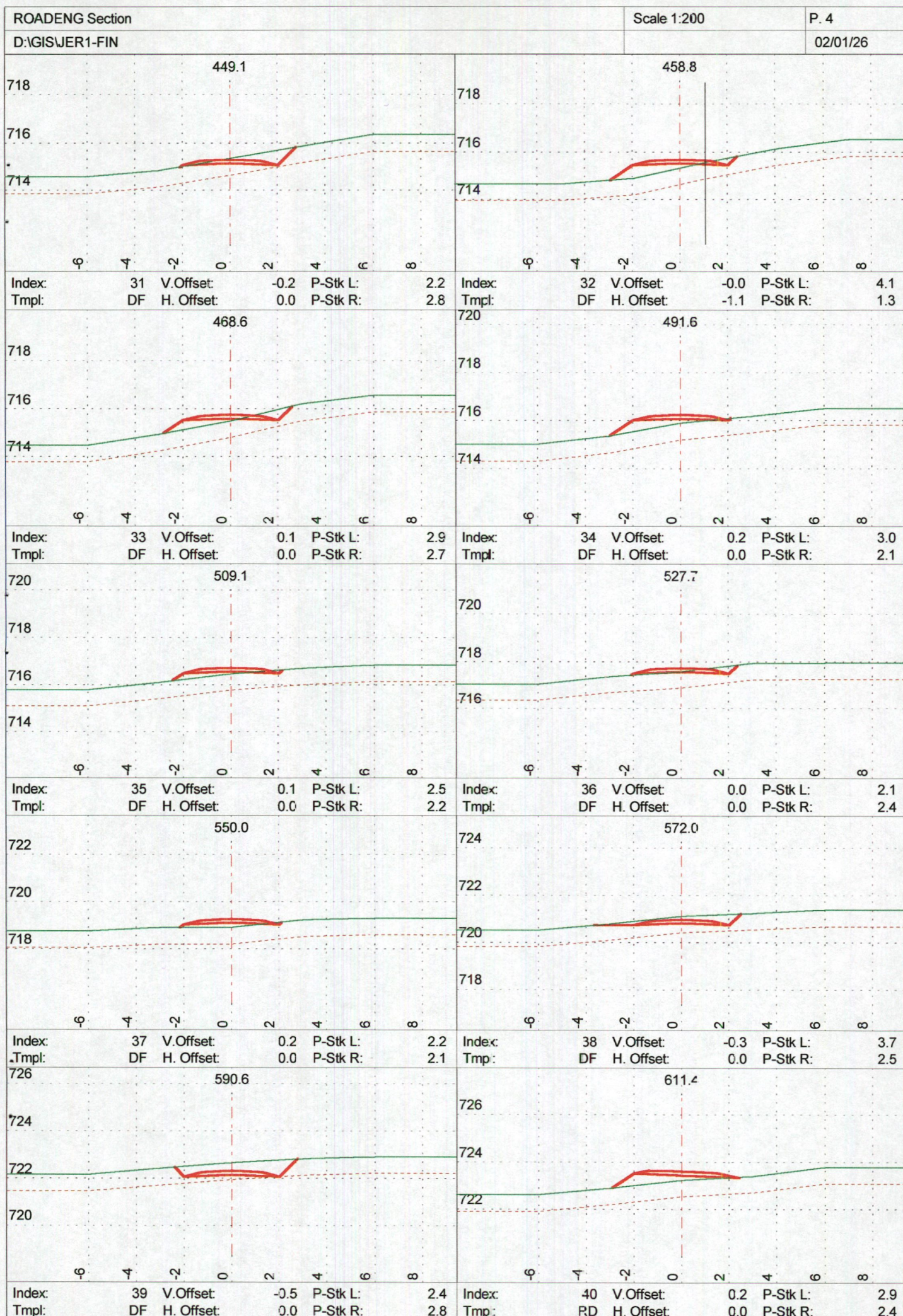


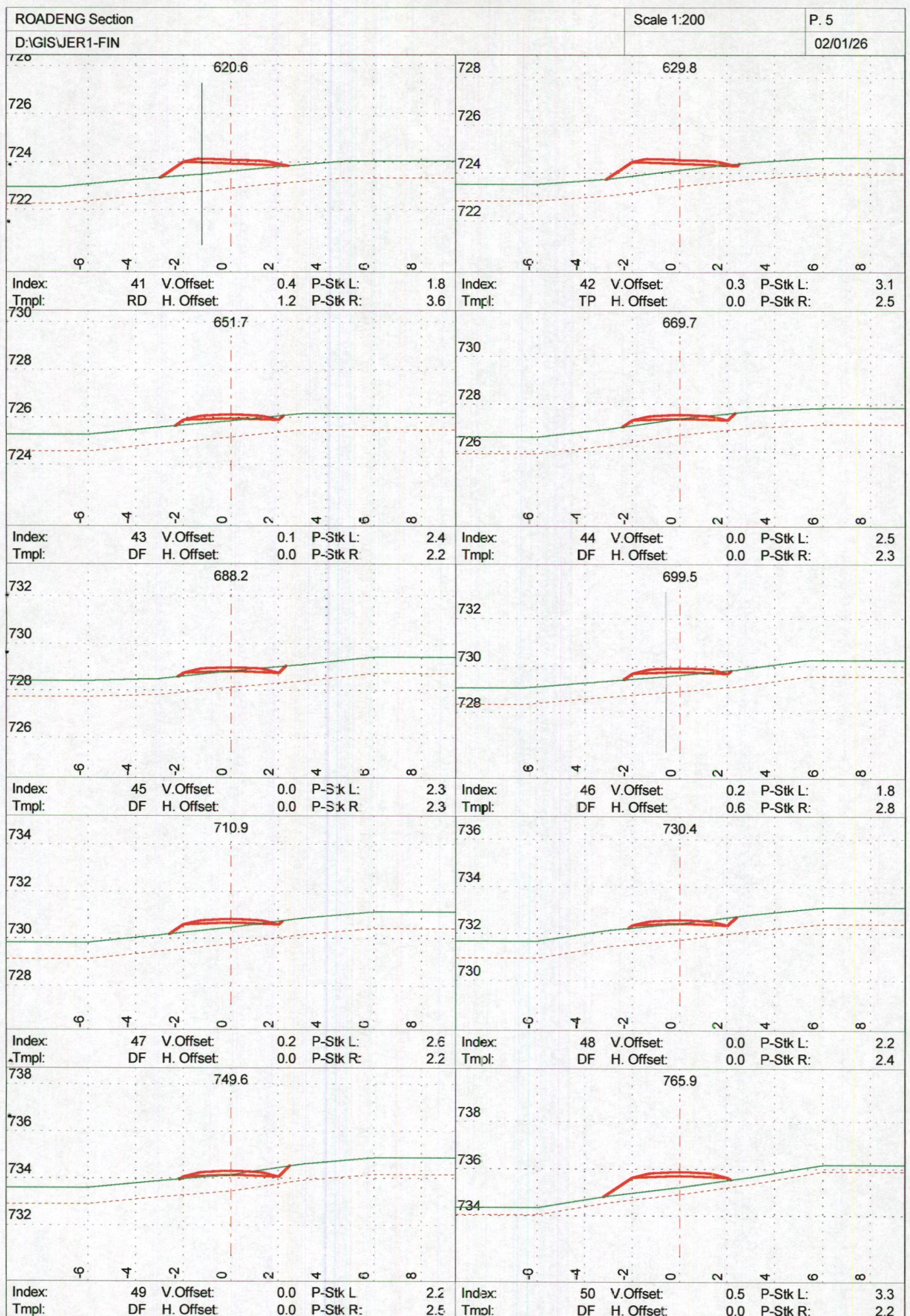


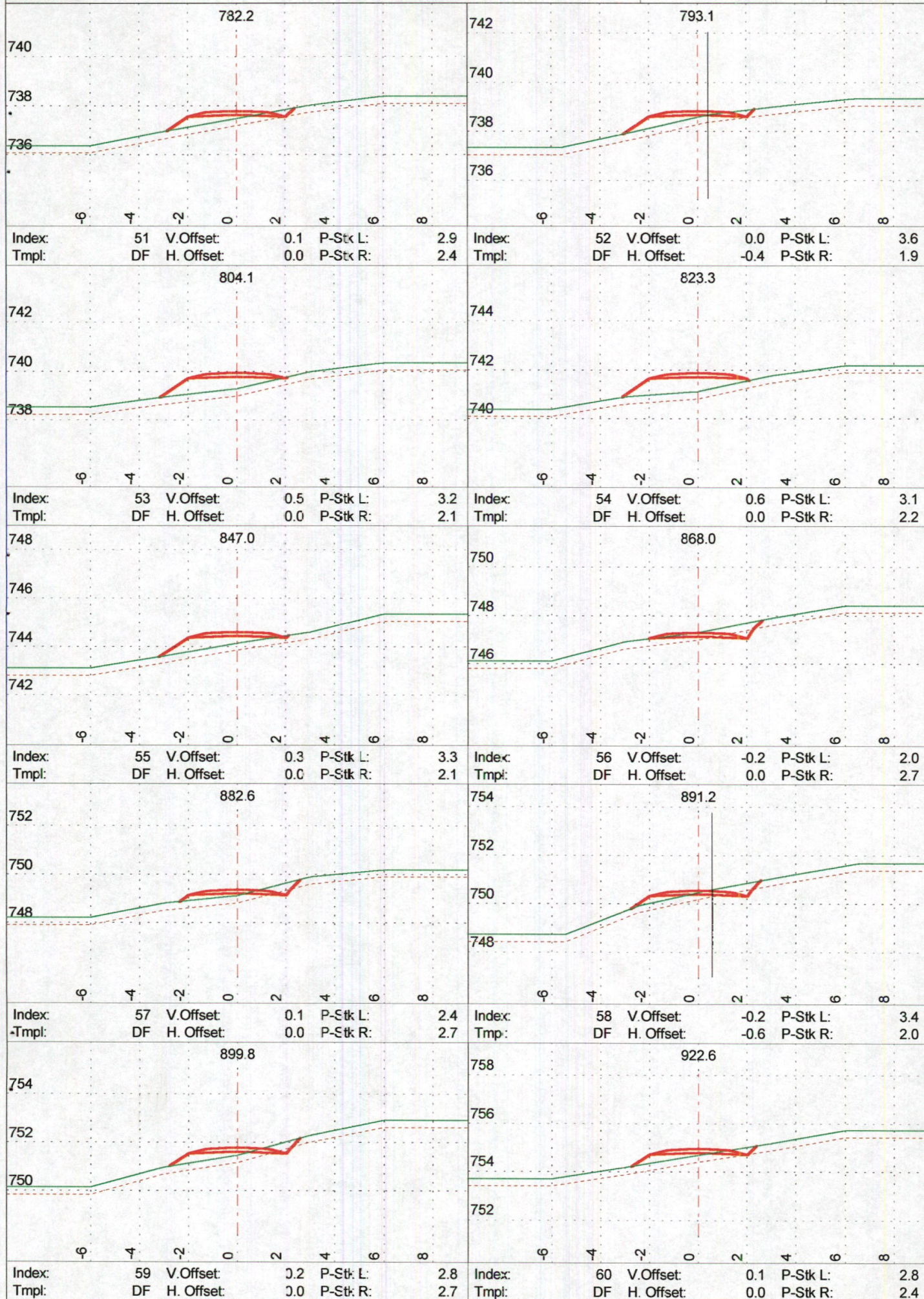


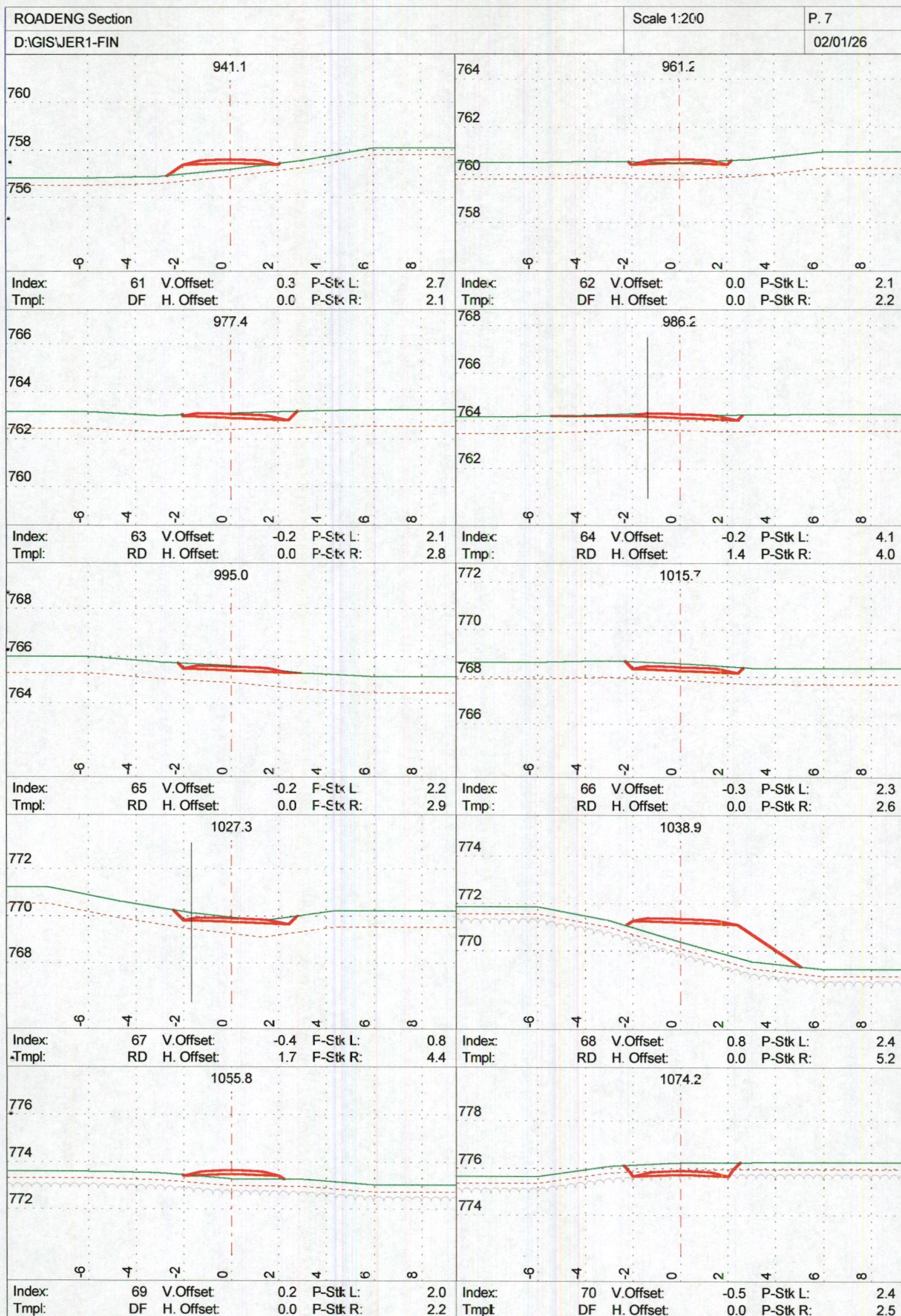


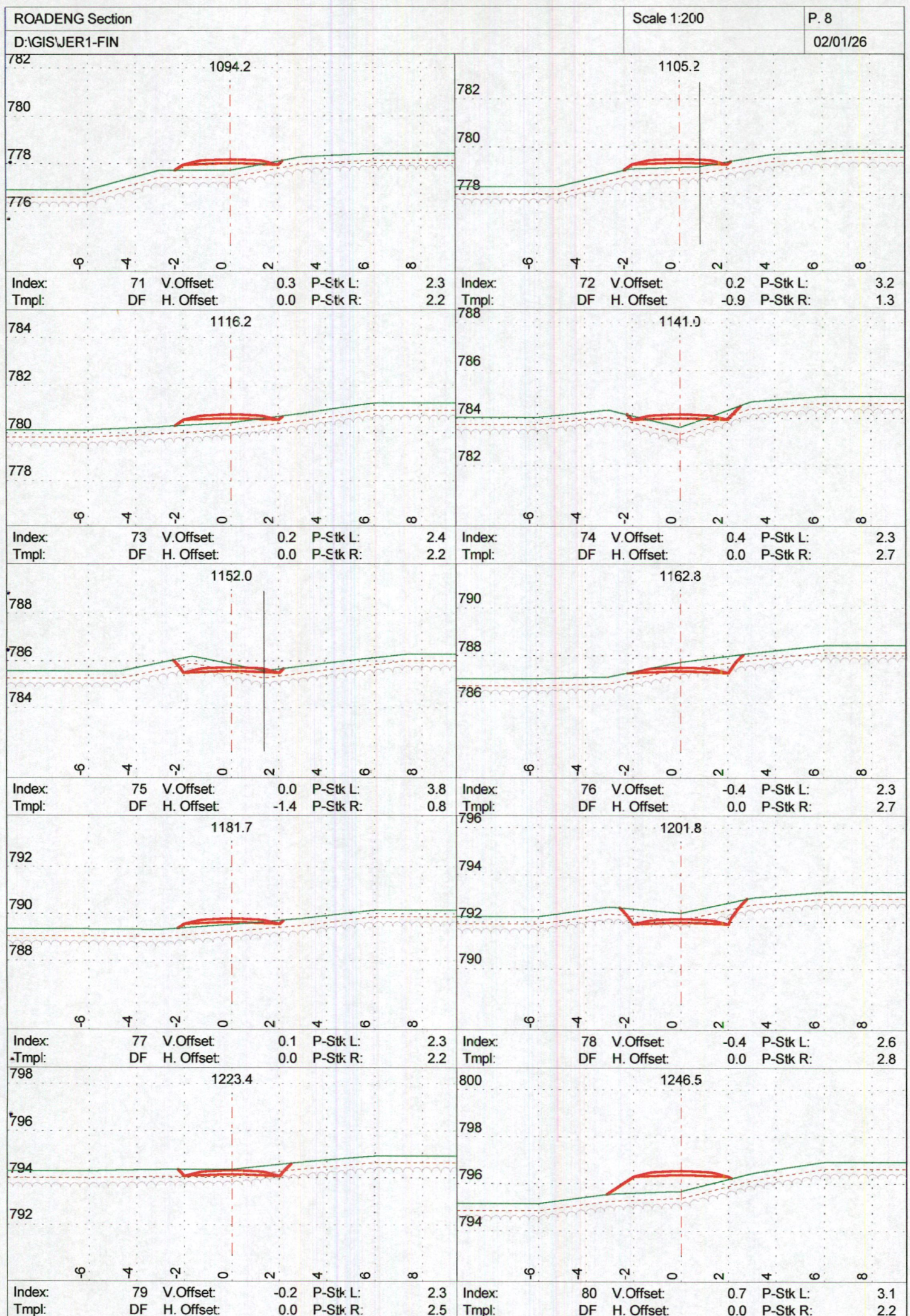


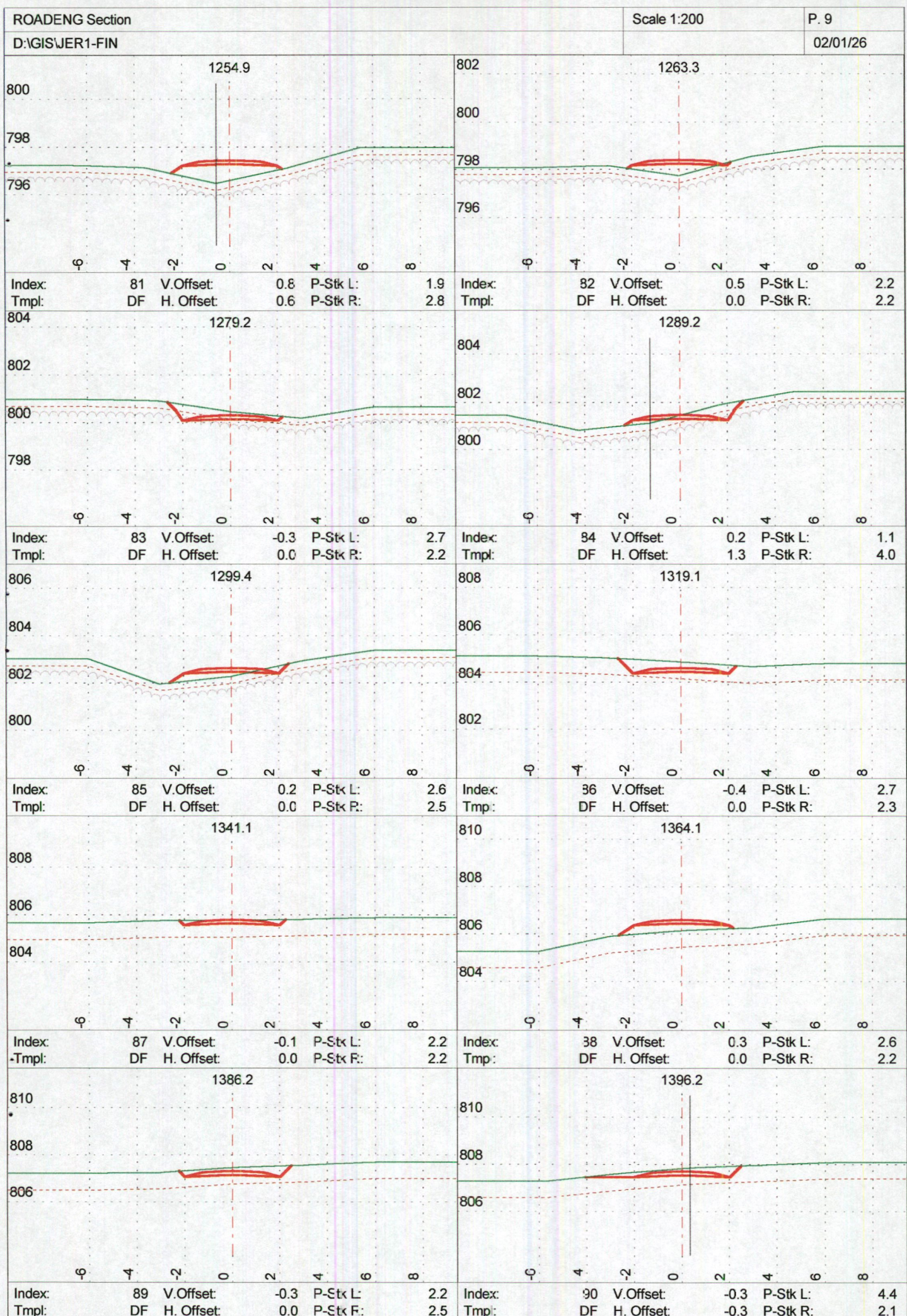


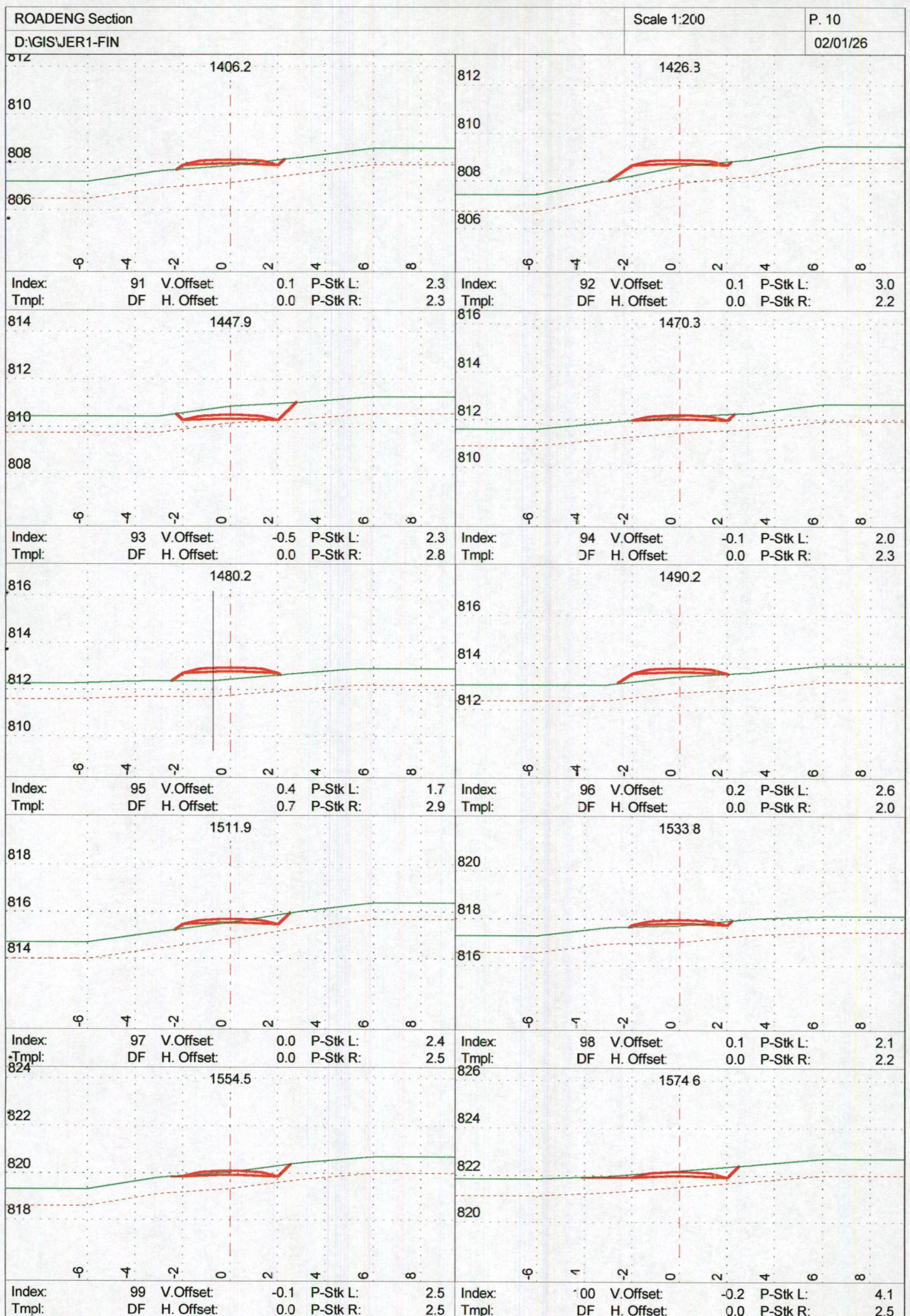


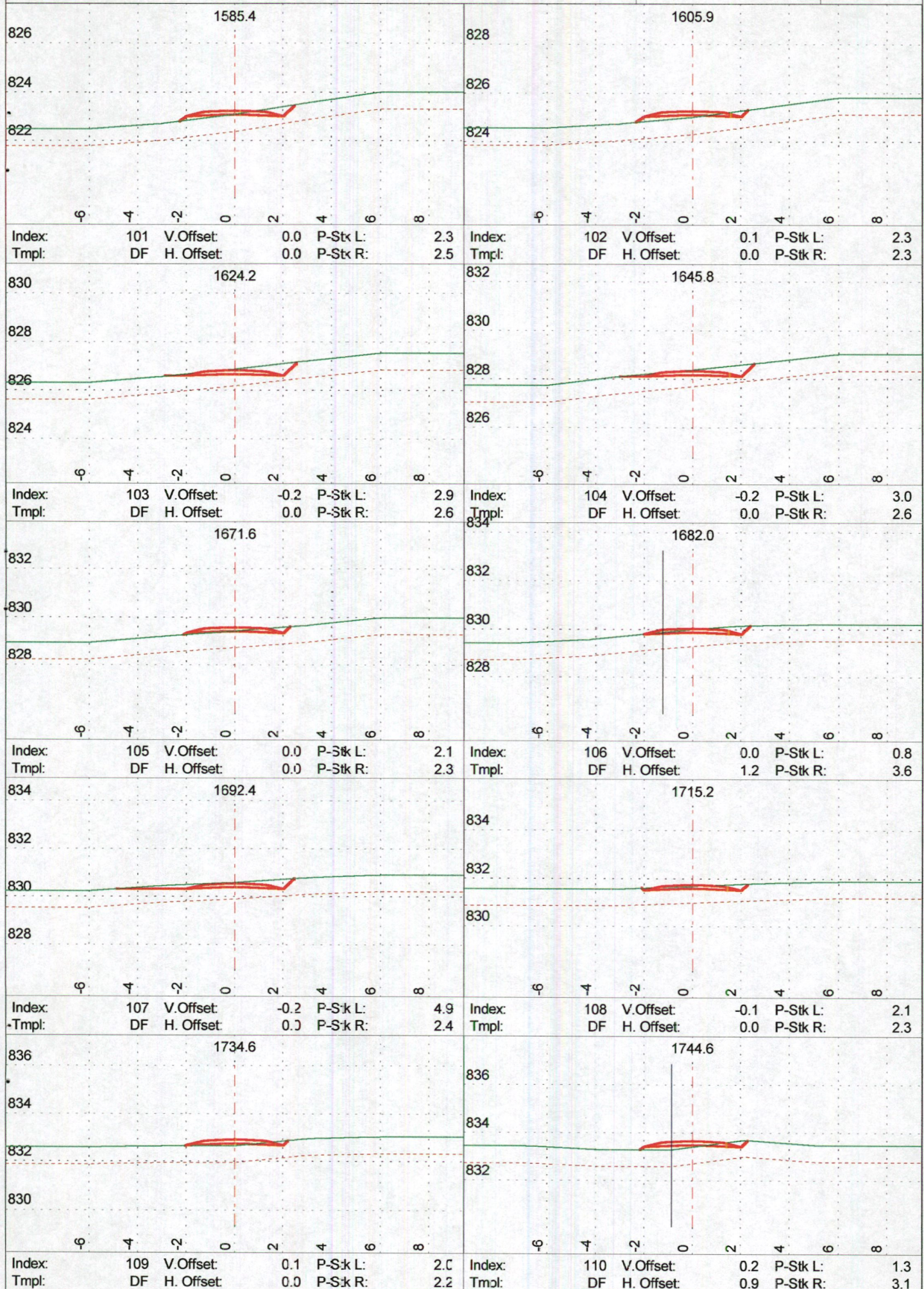


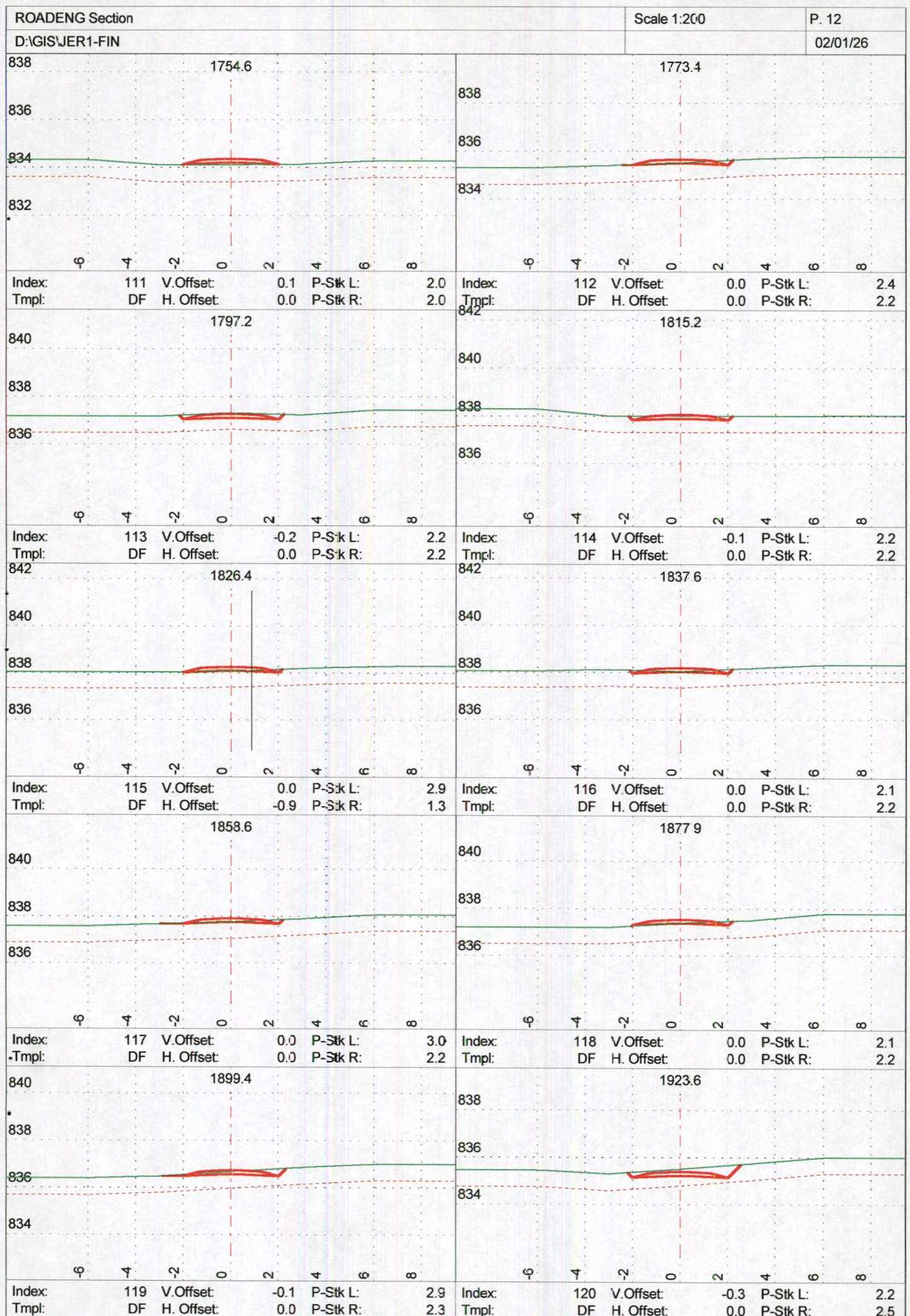


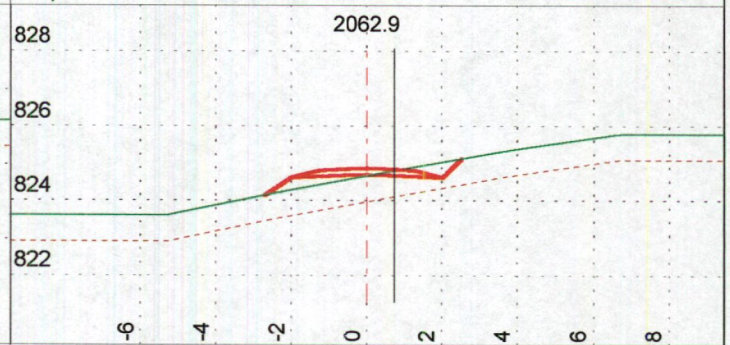
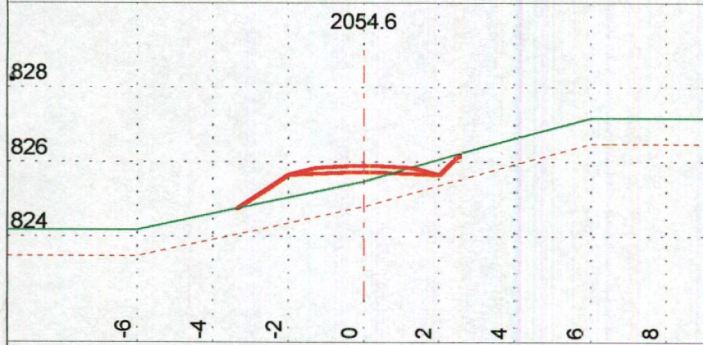
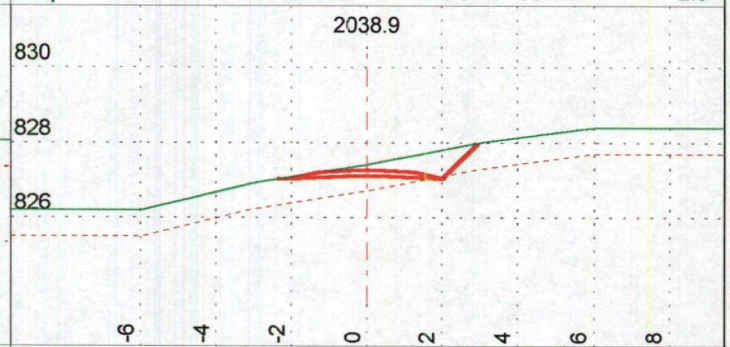
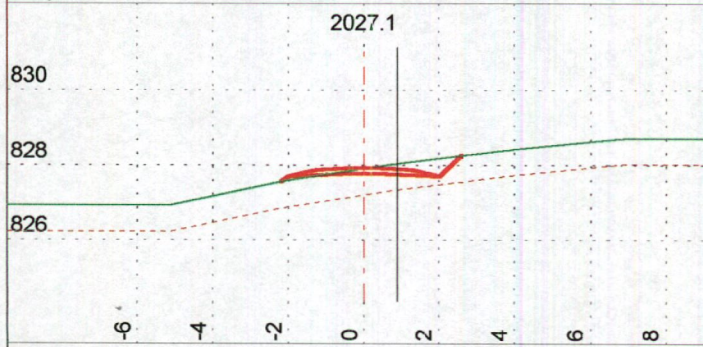
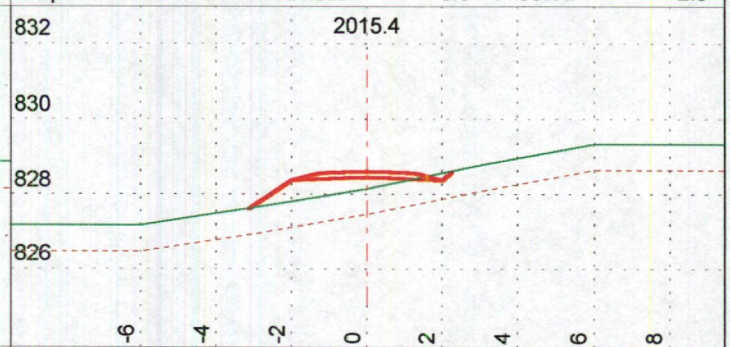
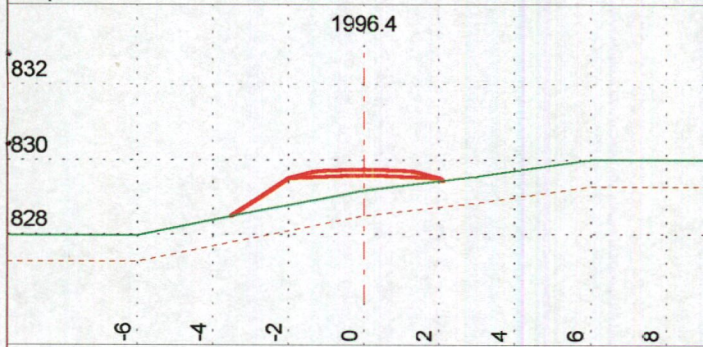
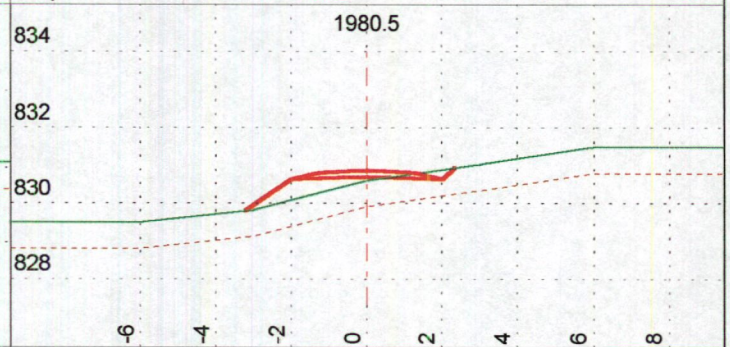
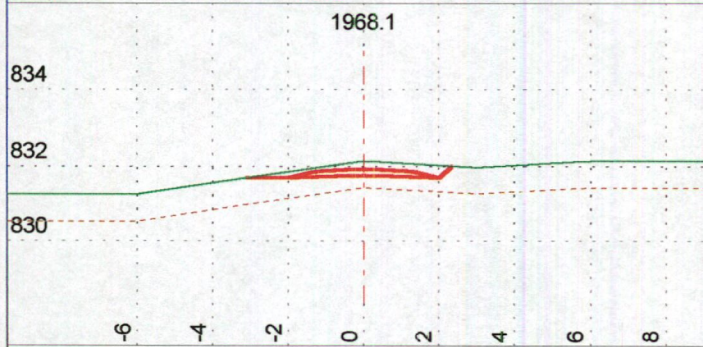
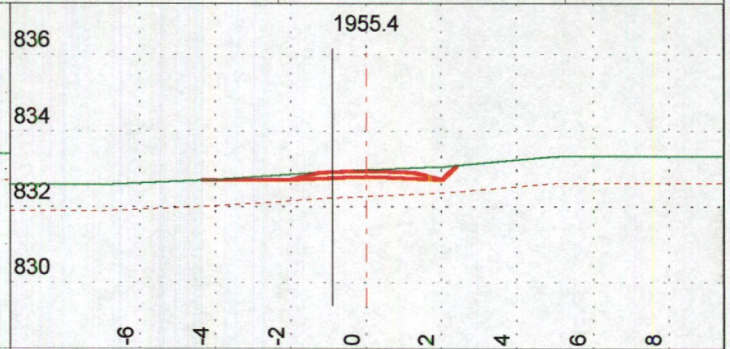
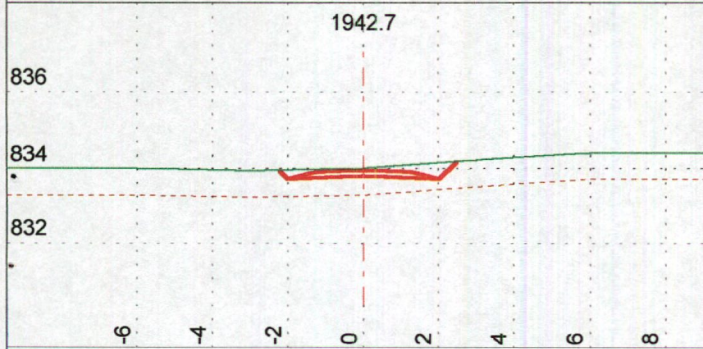


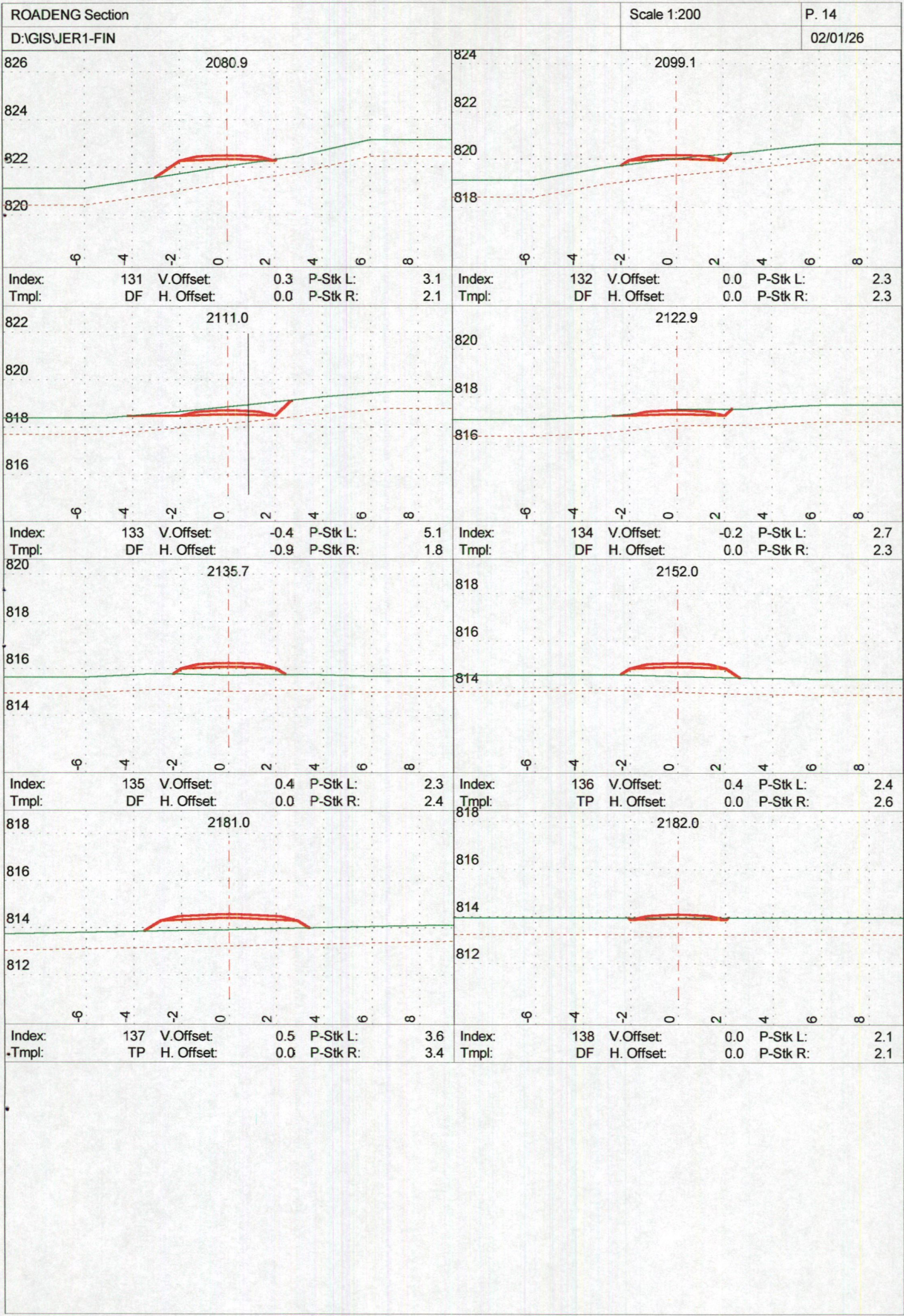


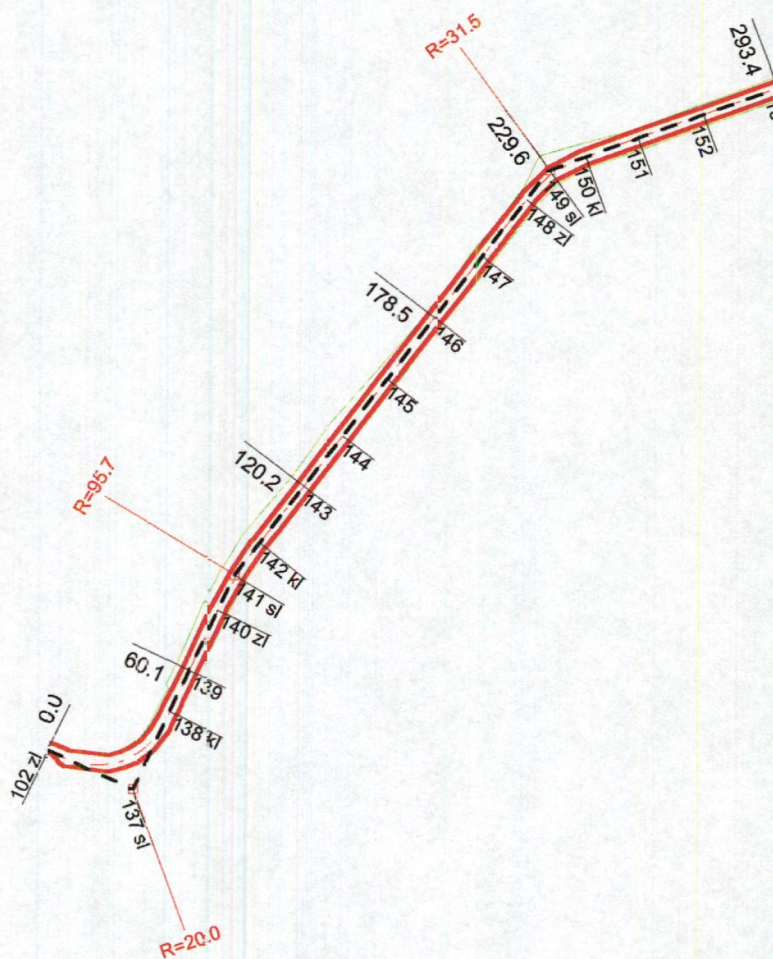
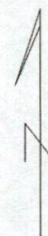


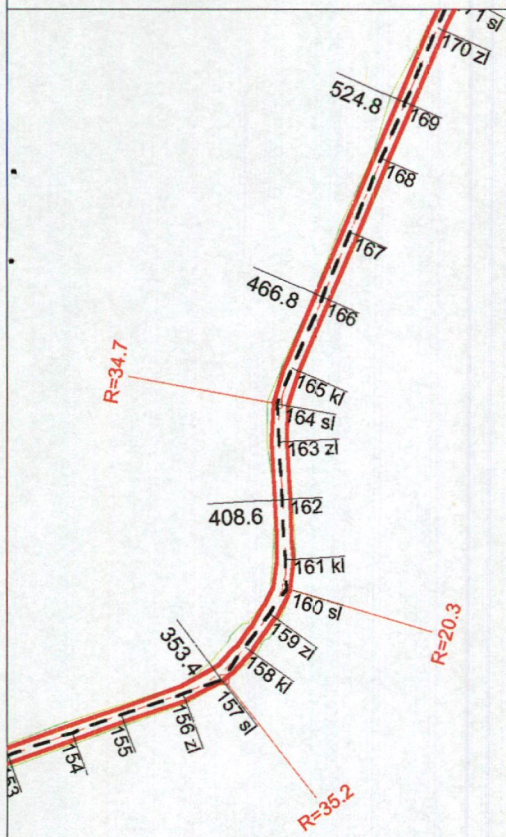


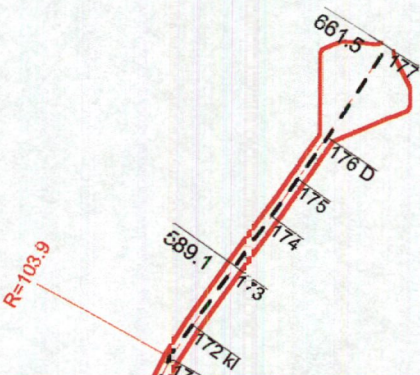
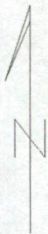


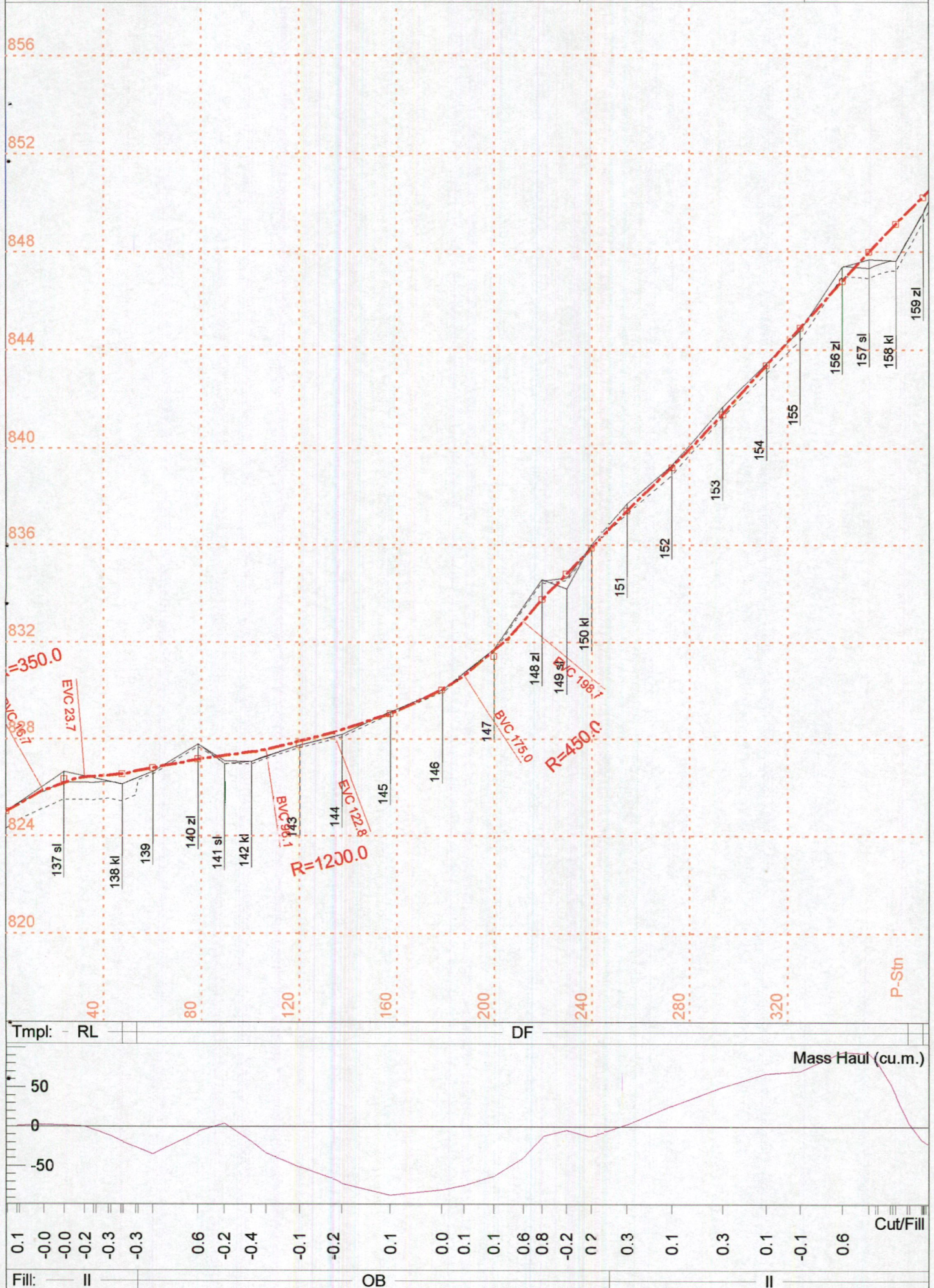


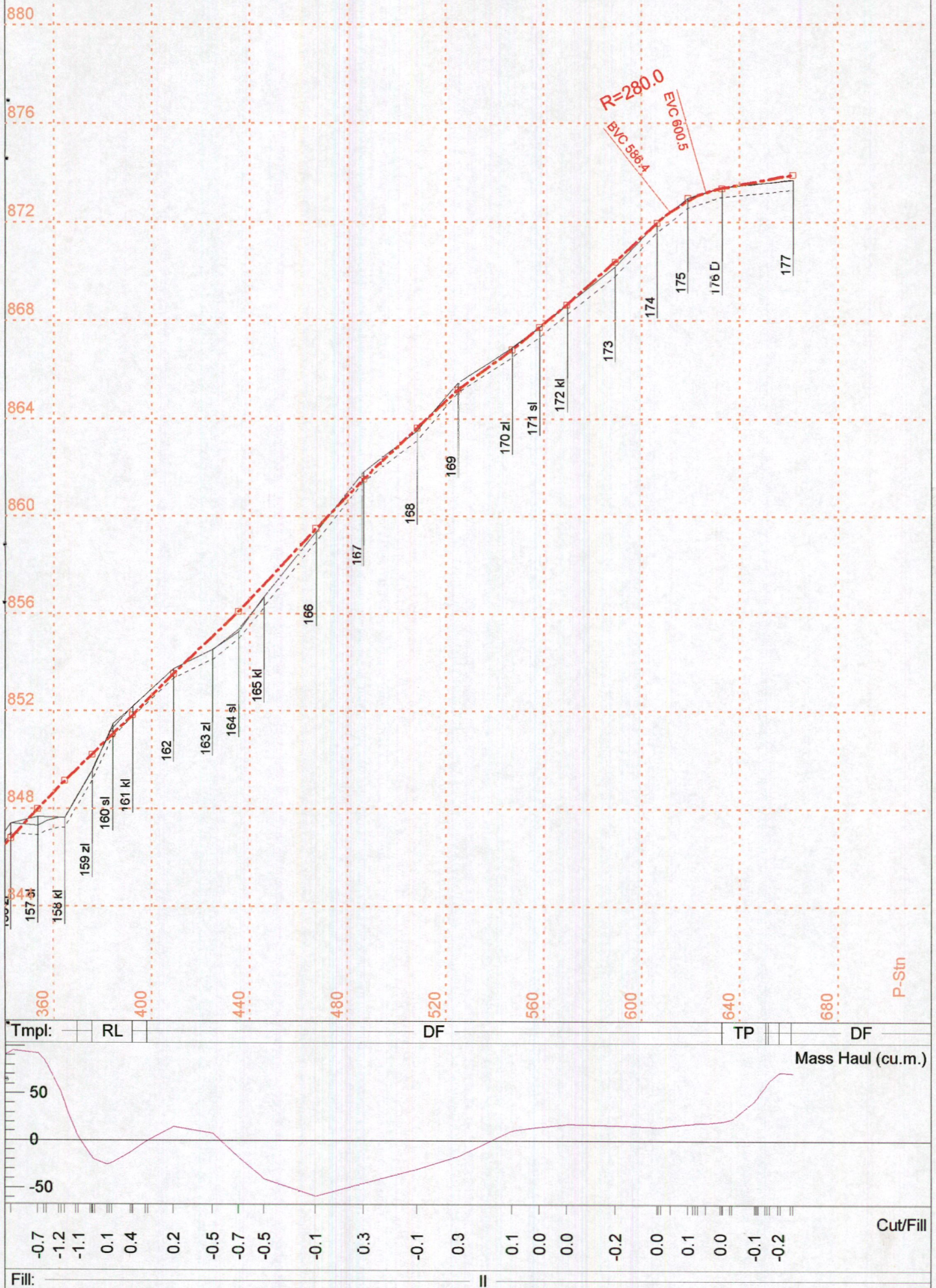


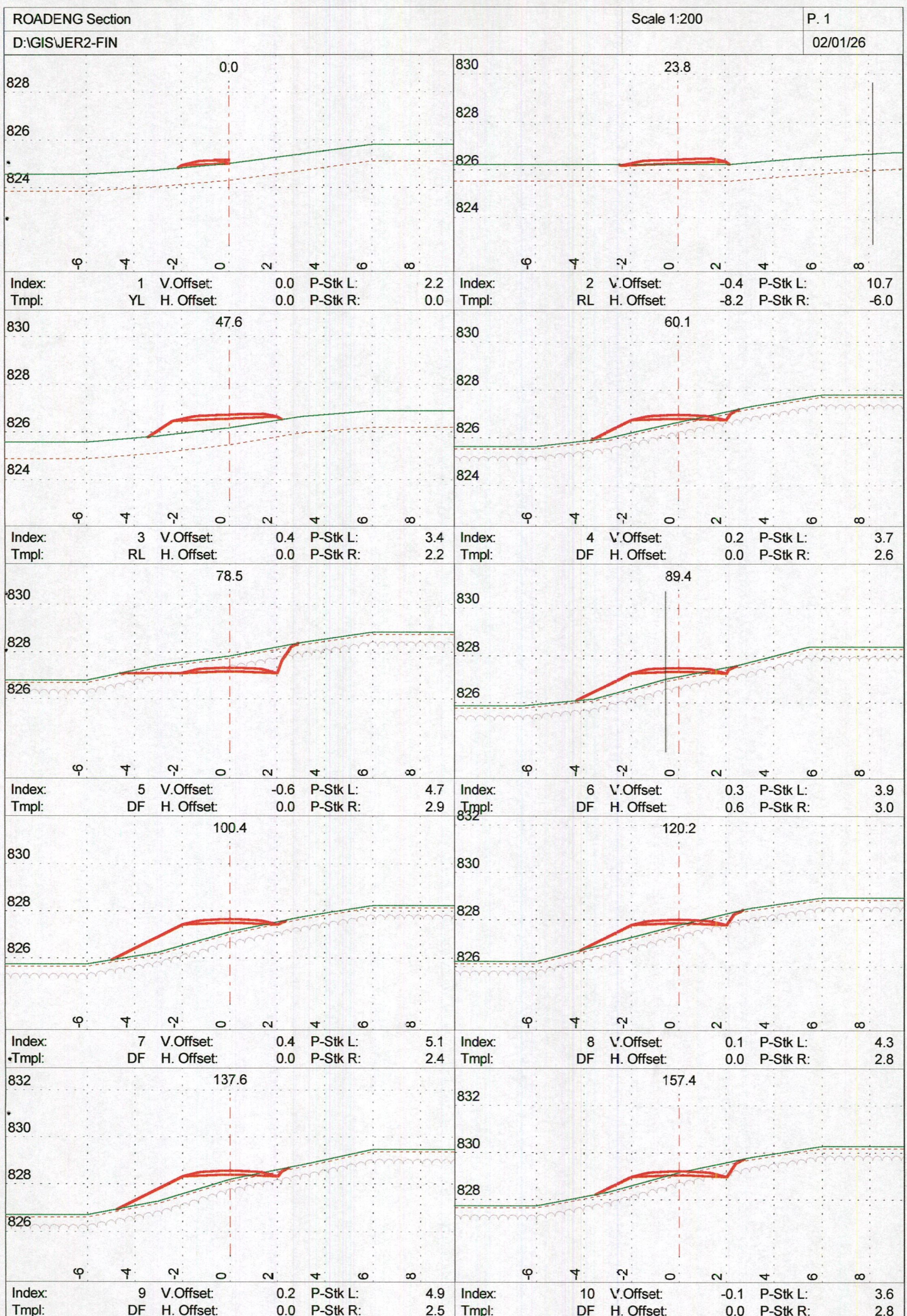


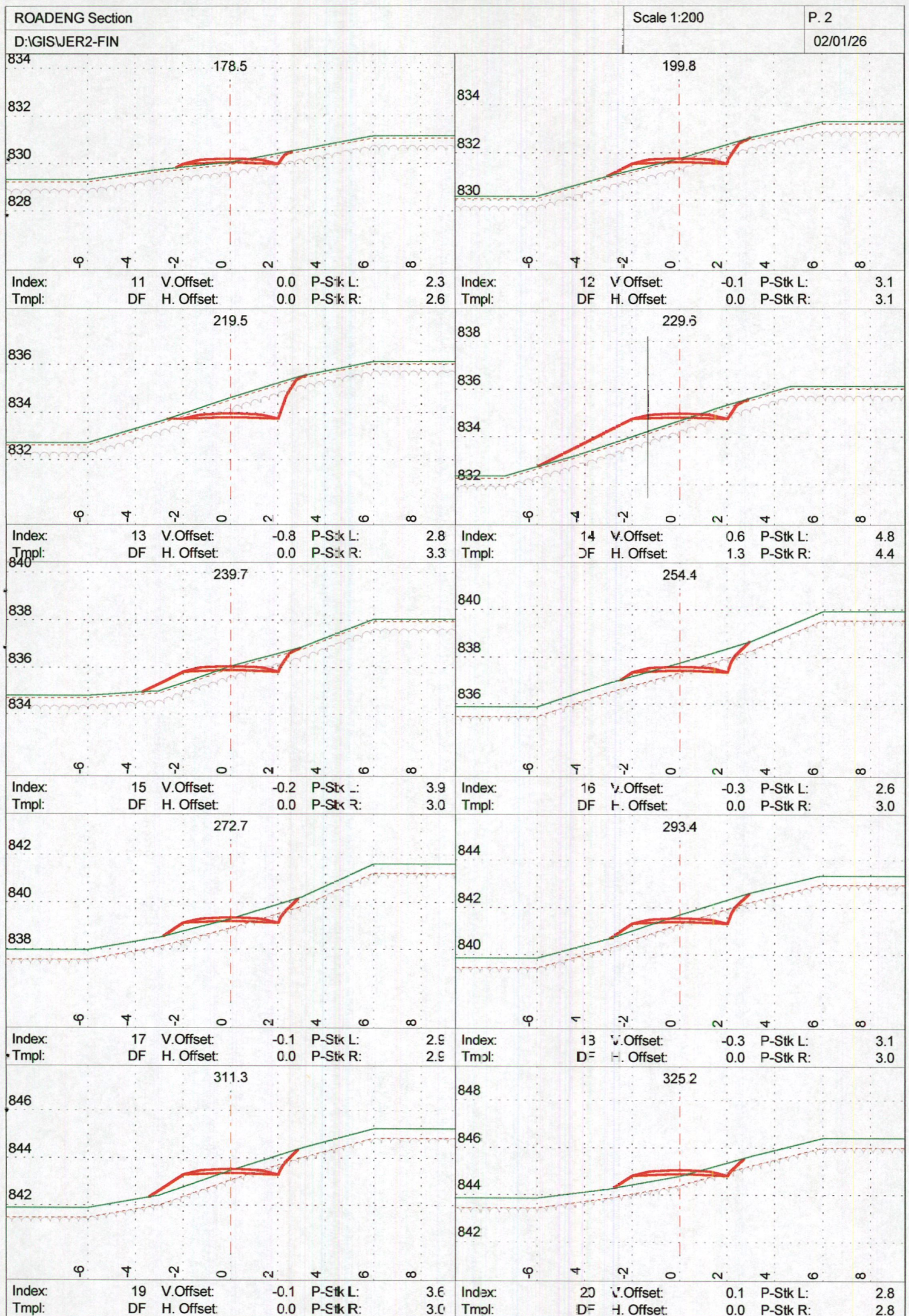


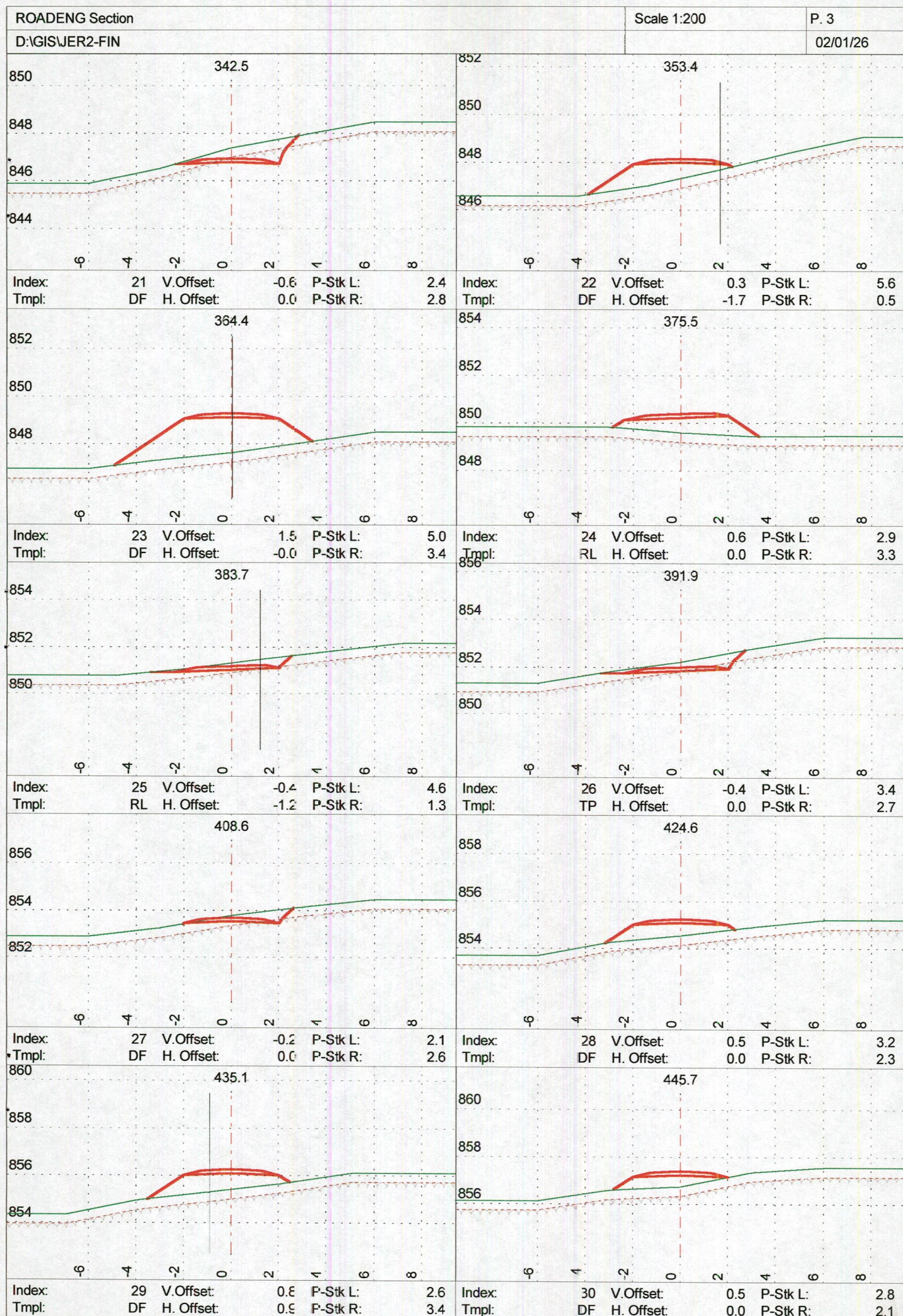


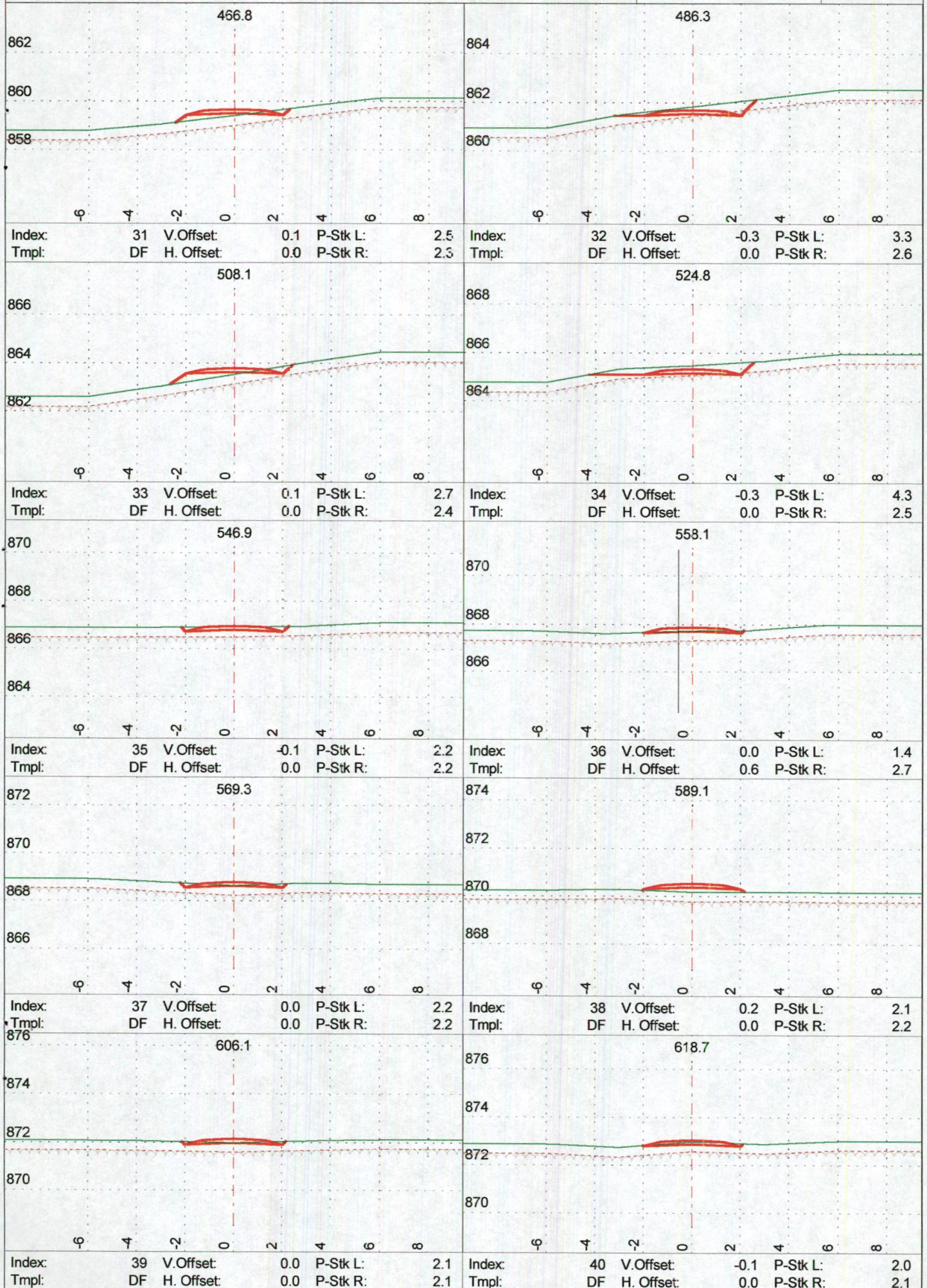


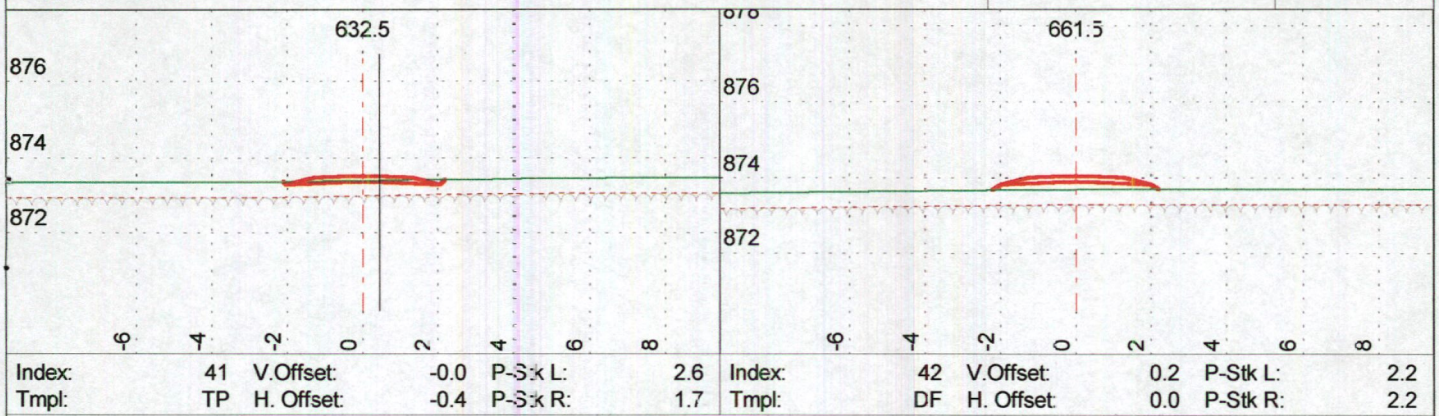










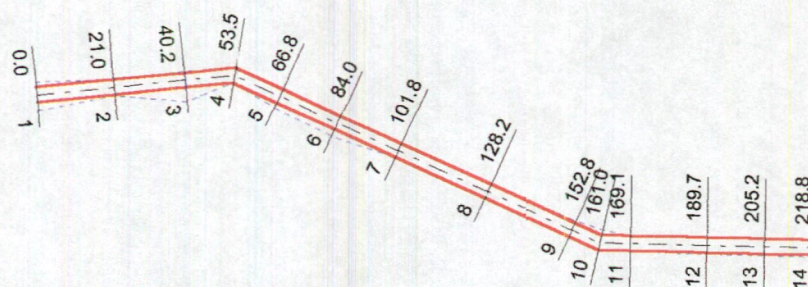
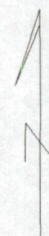


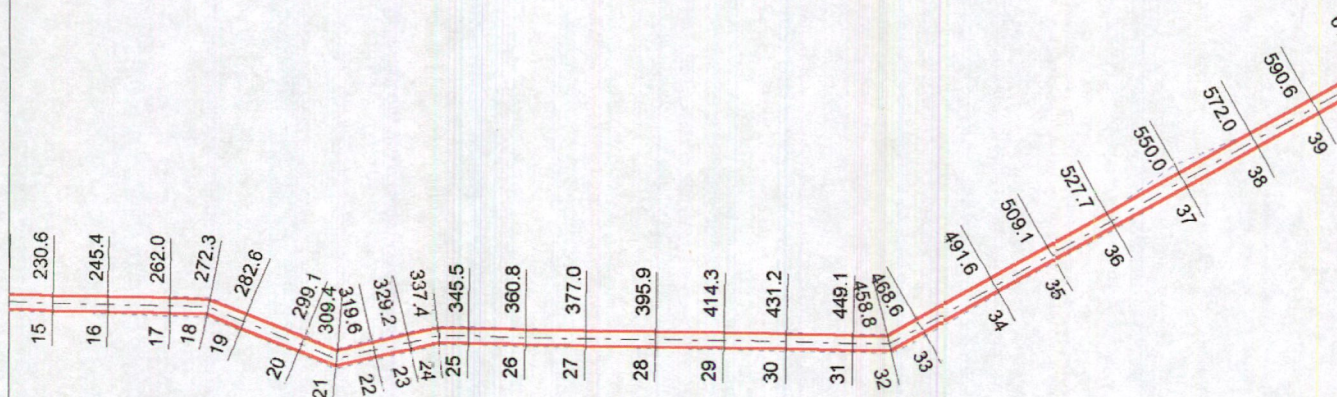
ROADENG Data						P. 1		
D:\GIS\JER1-FIN						02/01/26		
P-Stn m.	Comment	Fill V. cu.m.	Cut V. cu.m.	Srfl V. cu.m.	Lyr1 V. cu.m.	Lyr2 V. cu.m.	Lyr3 V. cu.m.	Strip V. cu.m.
0.0	1-A							
21.0	2	1.6	2.0	10.1	2.0	0.0	0.0	0.0
40.2	3 zl	1.5	8.4	9.3	8.4	0.0	0.0	0.0
53.5	4 sl	0.0	6.3	6.3	6.3	0.0	0.0	0.0
66.8	5 kl	0.0	7.3	6.3	7.3	0.0	0.0	0.0
84.0	6	0.0	24.8	8.4	24.8	0.0	0.0	0.0
101.8	7	0.5	18.7	8.7	18.7	0.0	0.0	0.0
128.2	8	5.2	2.4	12.8	2.4	0.0	0.0	0.0
152.8	9 zl	16.5	0.0	12.0	0.0	0.0	0.0	0.0
161.0	10 sl	4.0	0.8	3.9	0.8	0.0	0.0	0.0
169.1	11 kl	1.0	1.3	3.9	1.3	0.0	0.0	0.0
189.7	12	8.9	1.6	9.9	1.6	0.0	0.0	0.0
205.2	13	16.8	0.2	7.5	0.2	0.0	0.0	0.0
218.8	14	12.9	0.3	6.6	0.3	0.0	0.0	0.0
230.6	15	2.7	6.5	5.7	6.5	0.0	0.0	0.0
245.4	16	0.0	23.1	7.2	23.1	0.0	0.0	0.0
262.0	17 zl	16.2	17.2	8.0	17.2	0.0	0.0	0.0
272.3	18 sl	15.5	0.5	4.9	0.5	0.0	0.0	0.0
282.6	19 kl	10.7	0.9	4.9	0.9	0.0	0.0	0.0
299.1	20 zl	5.7	15.7	8.2	15.7	0.0	0.0	0.0
309.4	21 sl	12.7	9.9	5.4	9.9	0.0	0.0	0.0
319.6	22 kl	16.3	3.1	5.3	3.1	0.0	0.0	0.0
329.2	23 zl	4.6	8.5	4.8	8.5	0.0	0.0	0.0
337.4	24 sl	10.7	4.0	3.9	4.0	0.0	0.0	0.0
345.5	25 kl	27.4	0.0	3.9	0.0	0.0	0.0	0.0
360.8	26	43.5	0.1	7.4	0.1	0.0	0.0	0.0
377.0	27	10.4	4.8	7.9	4.8	0.0	0.0	0.0
395.9	28	2.2	9.2	9.1	9.2	0.0	0.0	0.0
414.3	29	4.0	7.7	8.9	7.7	0.0	0.0	0.0
431.2	30	3.8	7.4	8.1	7.4	0.0	0.0	0.0
449.1	31 zl	2.8	12.1	8.7	12.1	0.0	0.0	0.0
458.8	32 sl	4.5	6.8	4.6	6.8	0.0	0.0	0.0
468.6	33 kl	7.0	3.7	4.6	3.7	0.0	0.0	0.0
491.6	34	17.4	5.9	11.1	5.9	0.0	0.0	0.0
509.1	35	11.5	1.0	8.4	1.0	0.0	0.0	0.0
527.7	36	4.2	4.2	9.0	4.2	0.0	0.0	0.0
550.0	37	5.2	4.4	10.7	4.4	0.0	0.0	0.0
572.0	38	4.6	16.3	10.6	16.3	0.0	0.0	0.0
590.6	39	0.0	36.1	9.0	36.1	0.0	0.0	0.0
611.4	40 zl	4.2	19.7	10.2	19.7	0.0	0.0	0.0
620.6	41 sl	11.1	0.0	4.8	0.0	0.0	0.0	0.0
629.8	42 kl	11.8	0.1	4.8	0.1	0.0	0.0	0.0
651.7	43	15.1	1.4	10.8	1.4	0.0	0.0	0.0
669.7	44	5.1	4.0	8.7	4.0	0.0	0.0	0.0
688.2	45 zl	3.4	5.7	9.0	5.7	0.0	0.0	0.0
699.5	46 sl	3.3	1.9	5.5	1.9	0.0	0.0	0.0
710.9	47 kl	6.3	0.8	5.5	0.8	0.0	0.0	0.0
730.4	48	7.5	4.5	9.5	4.5	0.0	0.0	0.0
749.6	49	1.9	8.3	9.4	8.3	0.0	0.0	0.0
765.9	50	16.6	3.8	7.9	3.8	0.0	0.0	0.0
782.2	51zl	21.6	2.1	7.9	2.1	0.0	0.0	0.0
793.1	52 sl	7.7	2.9	5.3	2.9	0.0	0.0	0.0
804.1	53 kl	13.1	1.5	5.3	1.5	0.0	0.0	0.0
823.3	54	36.5	0.0	9.3	0.0	0.0	0.0	0.0
847.0	55	39.9	0.3	11.5	0.3	0.0	0.0	0.0
868.0	56	13.7	11.4	10.2	8.7	2.7	0.0	0.0
		2.5	11.6	7.1	9.2	2.5	0.0	0.0
Pg. Tot.		533.9	363.1	428.9	357.9	5.2	0.0	0.0

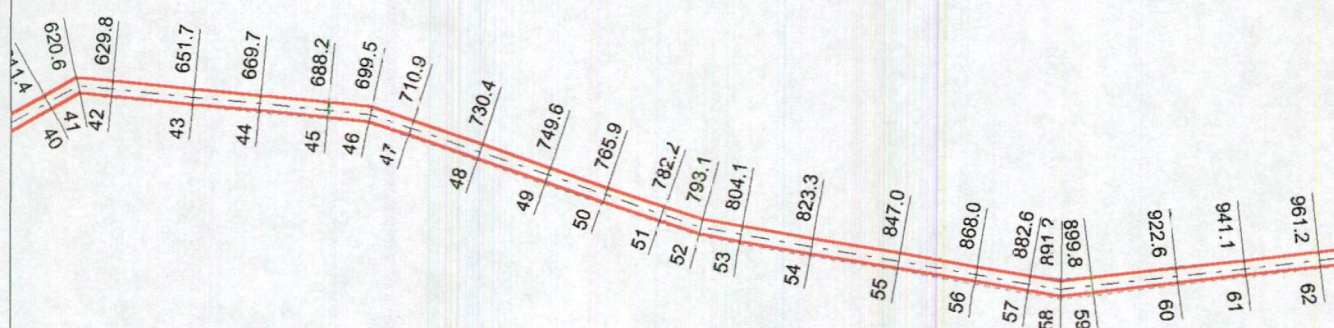
ROADENG Data						P. 2		
D:\GIS\JER1-FIN						02/01/26		
P-Stn m.	Comment	Fill V. cu.m.	Cut V. cu.m.	Srfl V. cu.m.	Lyr1 V. cu.m.	Lyr2 V. cu.m.	Lyr3 V. cu.m.	Strip V. cu.m.
882.6	57 zl	2.5	5.7	4.1	4.6	1.1	0.0	0.0
891.2	58 sl	3.8	5.5	4.1	4.5	1.0	0.0	0.0
899.8	59 kl	13.8	8.7	11.1	8.0	0.8	0.0	0.0
922.6	60	13.2	2.7	8.9	2.7	0.0	0.0	0.0
941.1	61	8.7	3.5	9.7	3.5	0.0	0.0	0.0
961.2	62	0.0	10.1	8.0	10.1	0.0	0.0	0.0
977.4	63 zl	0.0	7.8	4.5	7.8	0.0	0.0	0.0
986.2	64 sl	0.0	7.1	4.6	7.1	0.0	0.0	0.0
995.0	65 kl	0.0	24.1	10.5	24.1	0.0	0.0	0.0
1015.7	66 zl	0.0	13.9	6.0	13.9	0.0	0.0	0.0
1027.3	67sl	27.3	5.9	6.1	5.9	0.0	0.0	0.0
1038.9	68 kl	44.8	0.2	8.6	0.2	0.0	0.0	0.0
1055.8	69	4.4	21.3	9.1	12.8	8.5	0.0	0.0
1074.2	70	6.9	23.8	9.9	14.6	9.2	0.0	0.0
1094.2	71zl	6.5	0.6	5.4	0.6	0.0	0.0	0.0
1105.2	72 sl	5.6	0.6	5.4	0.6	0.0	0.0	0.0
1116.2	73 kl	11.8	5.5	12.2	5.3	0.2	0.0	0.0
1141.0	74 zl	2.2	9.7	5.3	7.3	2.4	0.0	0.0
1152.0	75 sl	0.0	15.8	5.2	11.0	4.8	0.0	0.0
1162.8	76 kl	1.4	12.8	9.2	10.0	2.8	0.0	0.0
1181.7	77	2.9	29.1	9.8	15.9	12.2	1.0	0.0
1201.8	78	0.0	44.2	10.5	28.5	14.6	1.1	0.0
1223.4	79	26.9	15.0	11.3	13.4	1.6	0.0	0.0
1246.5	80 zl	18.4	0.0	4.1	0.0	0.0	0.0	0.0
1254.9	81 sl	12.3	0.1	4.1	0.1	0.0	0.0	0.0
1263.3	82 kl	7.5	13.6	7.8	10.1	3.5	0.0	0.0
1279.2	83 zl	0.8	12.8	4.8	9.4	3.5	0.0	0.0
1289.2	84 sl	4.4	6.4	5.0	4.8	1.6	0.0	0.0
1299.4	85 kl	6.3	22.4	9.8	22.4	0.0	0.0	0.0
1319.1	86	0.0	28.2	10.9	28.2	0.0	0.0	0.0
1341.1	87	12.9	8.5	11.4	8.5	0.0	0.0	0.0
1364.1	88	12.4	15.9	11.0	15.9	0.0	0.0	0.0
1386.2	89 zl	0.0	14.7	4.9	14.7	0.0	0.0	0.0
1396.2	90 sl	1.3	8.4	4.9	8.4	0.0	0.0	0.0
1406.2	91 kl	10.6	3.7	10.2	3.7	0.0	0.0	0.0
1426.8	92	4.1	24.8	10.4	24.8	0.0	0.0	0.0
1447.9	93	0.0	32.0	11.1	32.0	0.0	0.0	0.0
1470.3	94 zl	5.1	2.2	4.9	2.2	0.0	0.0	0.0
1480.2	95 sl	9.4	0.0	4.9	0.0	0.0	0.0	0.0
1490.2	96 kl	10.6	5.5	10.8	5.5	0.0	0.0	0.0
1511.9	97	4.3	7.0	10.9	7.0	0.0	0.0	0.0
1533.8	98	2.0	9.7	10.3	9.7	0.0	0.0	0.0
1554.5	99	0.0	20.0	10.0	20.0	0.0	0.0	0.0
1574.6	100	0.9	9.0	5.4	9.0	0.0	0.0	0.0
1585.4	101	5.0	7.1	10.2	7.1	0.0	0.0	0.0
1605.9	102-B	3.0	12.8	9.2	12.8	0.0	0.0	0.0
1624.2	103	0.0	25.5	10.8	25.5	0.0	0.0	0.0
1645.8	104	0.8	18.7	13.0	18.7	0.0	0.0	0.0
1671.6	105 zl	0.4	4.5	5.1	4.5	0.0	0.0	0.0
1682.0	106 sl	0.0	10.0	5.0	10.0	0.0	0.0	0.0
1692.4	107 kl	0.0	22.3	11.2	22.3	0.0	0.0	0.0
1715.2	108	1.4	7.1	9.5	7.1	0.0	0.0	0.0
1734.6	109 zl	2.2	1.6	4.8	1.6	0.0	0.0	0.0
1744.6	110 sl	2.4	1.0	4.8	1.0	0.0	0.0	0.0
1754.6	111 kl	1.8	2.2	9.1	2.2	0.0	0.0	0.0
1773.4	112	0.0	12.7	11.6	12.7	0.0	0.0	0.0
Pg. Tot.		323.1	644.3	451.3	574.5	67.7	2.1	0.0

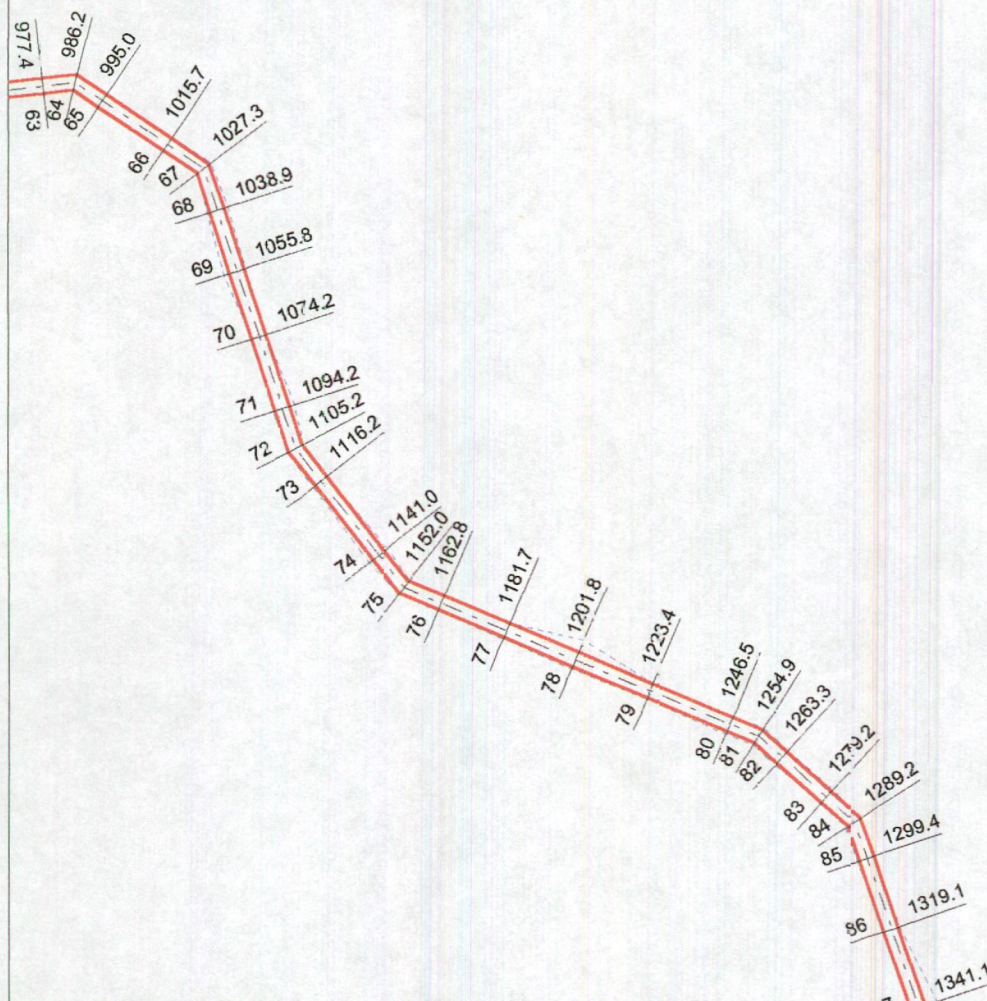
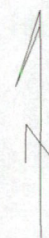
ROADENG Data						P. 3		
D:\GIS\JER1-FIN						02/01/26		
P-Stn m.	Comment	Fill V. cu.m.	Cut V. cu.m.	Srfl V. cu.m.	Lyr1 V. cu m.	Lyr2 V. cu.m.	Lyr3 V. cu.m.	Strip V. cu.m.
1797.2	113							
1815.2	114 zl	0.0	12.7	8.7	12.7	0.0	0.0	0.0
1826.4	115 sl	0.0	3.9	5.4	3.9	0.0	0.0	0.0
1837.6	116 kl	0.0	2.6	5.4	2.6	0.0	0.0	0.0
1858.6	117	0.0	5.9	10.3	5.9	0.0	0.0	0.0
1877.9	118	0.4	3.9	9.5	3.9	0.0	0.0	0.0
1899.4	119	0.4	8.5	10.5	8.5	0.0	0.0	0.0
1923.6	120	0.0	23.8	11.9	23.8	0.0	0.0	0.0
1942.7	121 zl	0.0	24.1	9.4	24.1	0.0	0.0	0.0
1955.4	122 sl	0.0	14.2	6.1	14.2	0.0	0.0	0.0
1968.1	123 kl	0.0	14.9	6.1	14.9	0.0	0.0	0.0
1980.5	124	5.5	9.6	6.0	9.6	0.0	0.0	0.0
1996.4	125	22.2	1.8	7.7	1.8	0.0	0.0	0.0
2015.4	126 zl	29.5	0.9	9.2	0.9	0.0	0.0	0.0
2027.1	127 sl	7.1	5.1	5.6	5.1	0.0	0.0	0.0
2038.9	128 kl	0.3	15.1	5.7	15.1	0.1	0.0	0.0
2054.6	129 zl	9.6	16.7	7.7	16.6	0.1	0.0	0.0
2062.9	130 sl	6.8	3.6	4.0	3.6	0.0	0.0	0.0
2080.9	131 kl	13.2	5.3	8.9	5.3	0.0	0.0	0.0
2099.1	132 zl	12.8	2.9	9.0	2.9	0.0	0.0	0.0
2111.0	133 sl	0.9	11.9	5.9	11.9	0.0	0.0	0.0
2122.9	134 kl	0.0	15.4	5.9	15.4	0.0	0.0	0.0
2135.7	135	7.4	5.5	6.4	5.5	0.0	0.0	0.0
2152.0	136-C	21.4	0.0	8.2	0.0	0.0	0.0	0.0
2181.0	136	66.7	30.6	76.1	30.6	0.0	0.0	0.0
2182.0		1.5	0.0	0.5	0.0	0.0	0.0	0.0
Pg. Tot.		205.8	239.0	250.1	238.9	0.1	0.0	0.0
Cum. Tot.		1062.8	1246.4	1130.4	1171.3	73.0	2.1	0.0

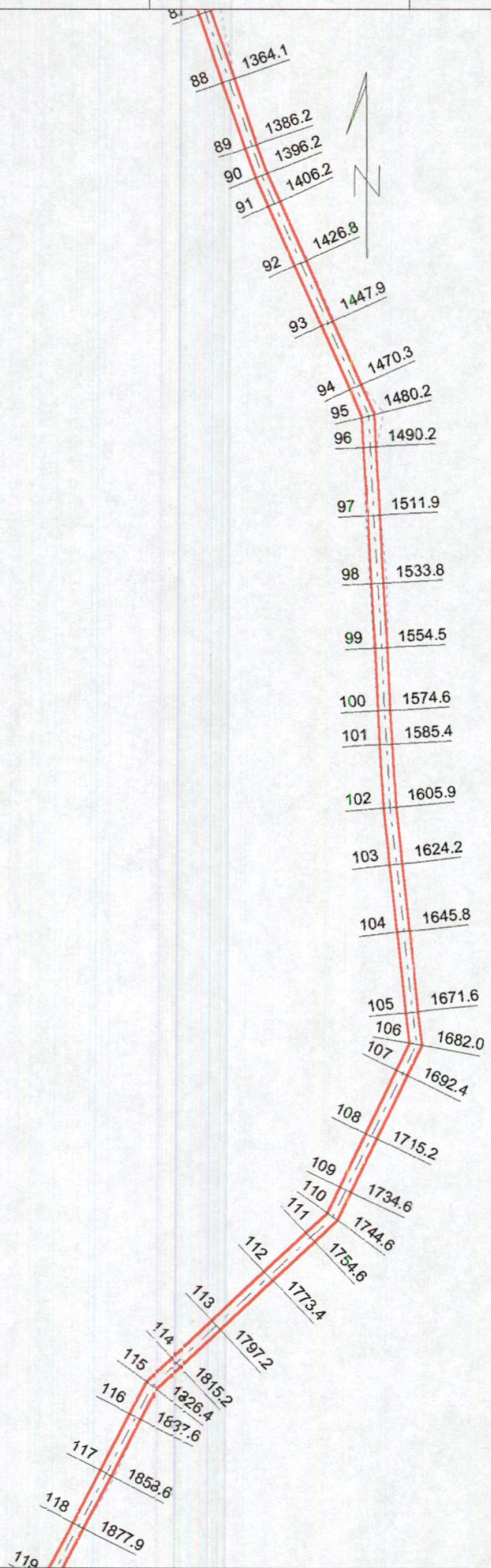
ROADENG Data								P. 1
D:\GIS\JER2-FIN								02/01/26
P-Stn m.	Comment	Fill V. cu.m.	Cut V. cu.m.	Srfl V. cu.m.	Lyr1 V. cu.m.	Lyr2 V. cu.m.	Lyr3 V. cu.m.	Strip V. cu.m.
0.0	102 zl	2.0	3.6	10.3	3.6	0.0	0.0	0.0
23.8	137 sl	20.6	0.1	10.1	0.1	0.0	0.0	0.0
47.6	138 kl	17.0	1.4	6.1	0.9	0.5	0.0	0.0
60.1	139	10.0	36.7	8.7	7.6	23.7	5.3	0.0
78.5	140 zl	8.5	20.2	5.1	4.3	13.2	2.7	0.0
89.4	141 sl	24.4	1.0	5.3	0.8	0.3	0.0	0.0
100.4	142 kl	36.3	4.8	9.5	2.4	2.4	0.0	0.0
120.2	143	27.1	5.9	8.3	2.8	3.1	0.0	0.0
137.6	144	25.2	10.4	9.5	3.9	6.5	0.0	0.0
157.4	145	7.3	14.4	10.1	5.1	9.3	0.0	0.0
178.5	146	2.2	19.6	10.2	6.8	12.3	0.4	0.0
199.8	147	1.7	50.0	9.5	8.5	28.4	13.0	0.0
219.5	148 zl	10.5	20.3	4.7	3.6	11.3	5.4	0.0
229.6	149 sl	16.2	8.1	4.9	2.4	5.6	0.1	0.0
239.7	150 kl	6.7	21.8	7.3	11.1	8.4	2.3	0.0
254.4	151	4.3	27.3	9.1	19.5	4.9	2.9	0.0
272.7	152	6.6	30.6	10.2	21.7	5.6	3.4	0.0
293.4	153	9.2	26.6	8.9	18.7	4.9	3.0	0.0
311.3	154	9.3	12.5	6.8	10.3	1.7	0.5	0.0
325.2	155	5.0	28.5	8.5	19.4	4.9	4.2	0.0
342.5	156 zl	15.6	13.8	5.2	8.8	2.7	2.2	0.0
353.4	157 sl	52.9	0.0	5.1	0.0	0.0	0.0	0.0
364.4	158 kl	56.5	0.0	5.5	0.0	0.0	0.0	0.0
375.5	159 zl	8.4	2.1	4.2	2.1	0.0	0.0	0.0
383.7	160 sl	0.0	12.7	4.1	11.5	1.1	0.1	0.0
391.9	161 kl	0.0	25.9	7.9	21.8	3.4	0.7	0.0
408.6	162	16.2	8.9	7.5	8.1	0.8	0.0	0.0
424.6	163 zl	25.3	0.0	4.9	0.0	0.0	0.0	0.0
435.1	164 sl	22.7	0.0	4.9	0.0	0.0	0.0	0.0
445.7	165 kl	19.9	2.0	10.0	2.0	0.0	0.0	0.0
466.8	166	3.6	17.0	9.3	15.6	1.4	0.0	0.0
486.3	167	5.3	20.0	10.3	18.5	1.5	0.0	0.0
508.1	168	4.1	17.7	7.9	17.2	0.4	0.0	0.0
524.8	169	0.0	27.0	10.5	26.5	0.6	0.0	0.0
546.9	170 zl	0.0	4.4	5.3	4.4	0.0	0.0	0.0
558.1	171 sl	0.0	3.0	5.3	3.0	0.0	0.0	0.0
569.3	172 kl	4.8	3.6	9.5	3.6	0.0	0.0	0.0
589.1	173	4.1	2.2	8.1	2.2	0.0	0.0	0.0
606.1	174	0.0	3.5	6.0	3.5	0.0	0.0	0.0
618.7	175	0.1	2.9	6.6	2.9	0.0	0.0	0.0
632.5	176 D	8.2	58.8	71.2	58.7	0.1	0.0	0.0
661.5	177							
Cum. Tot.		497.9	569.2	372.6	353.9	159.0	46.3	0.0

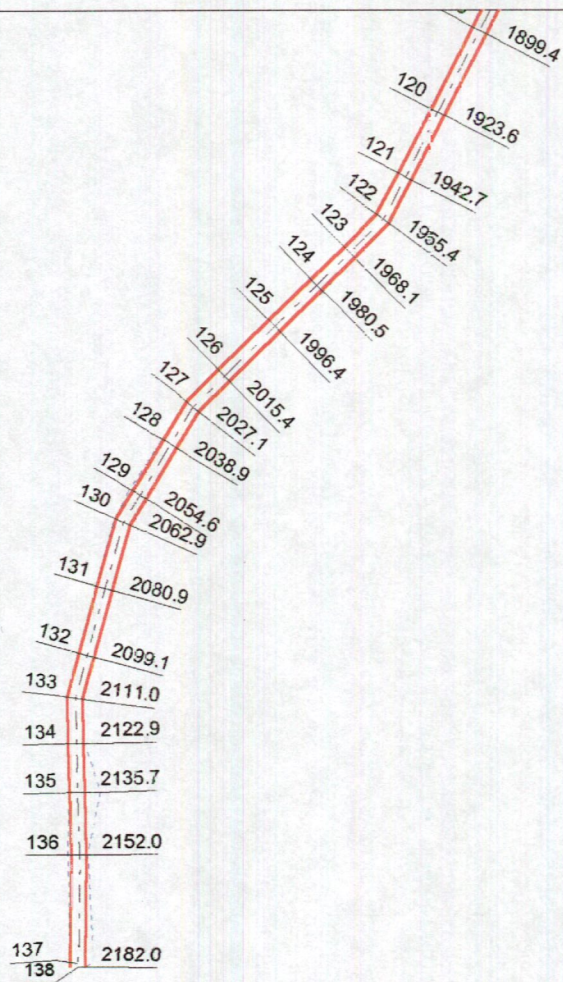


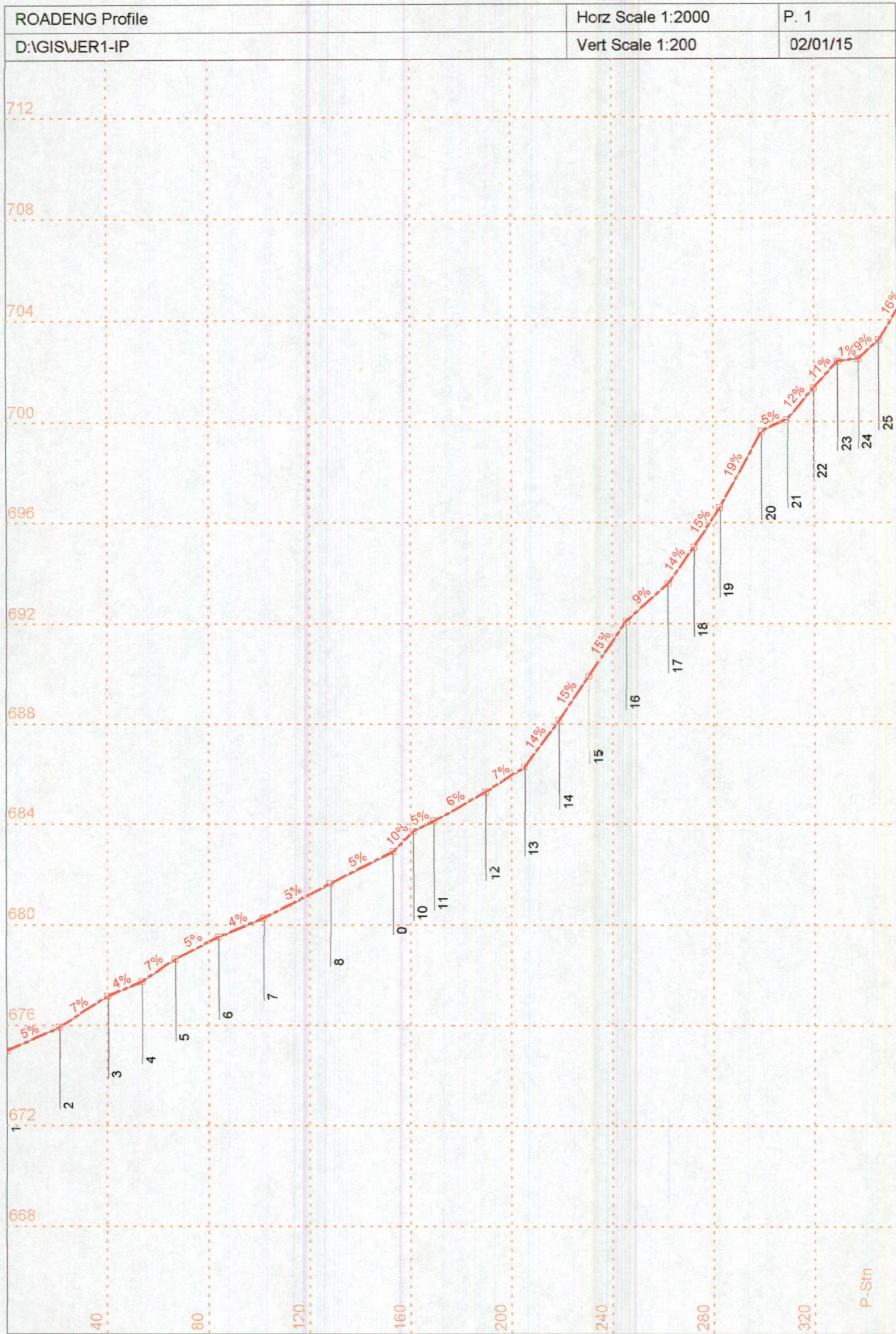


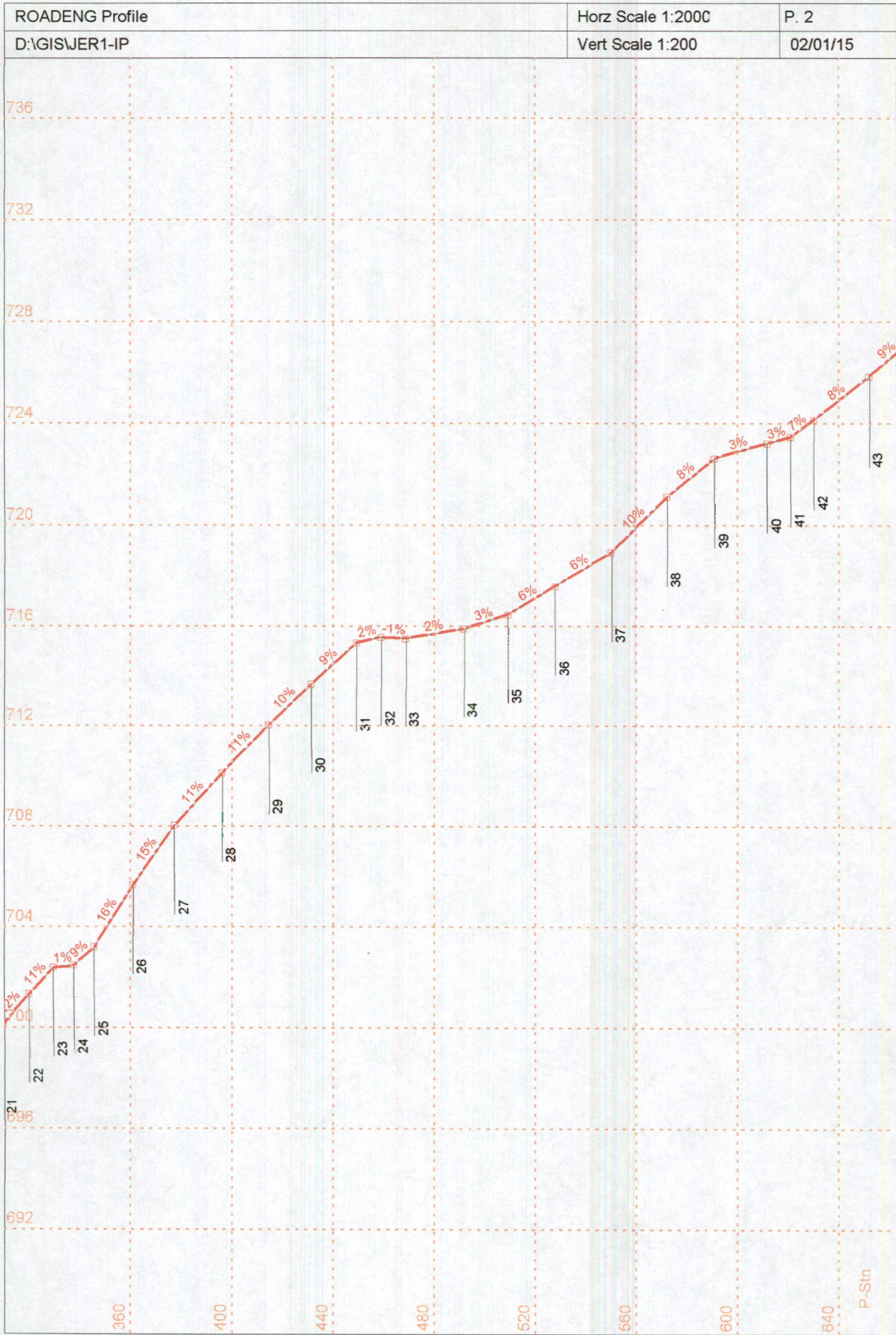


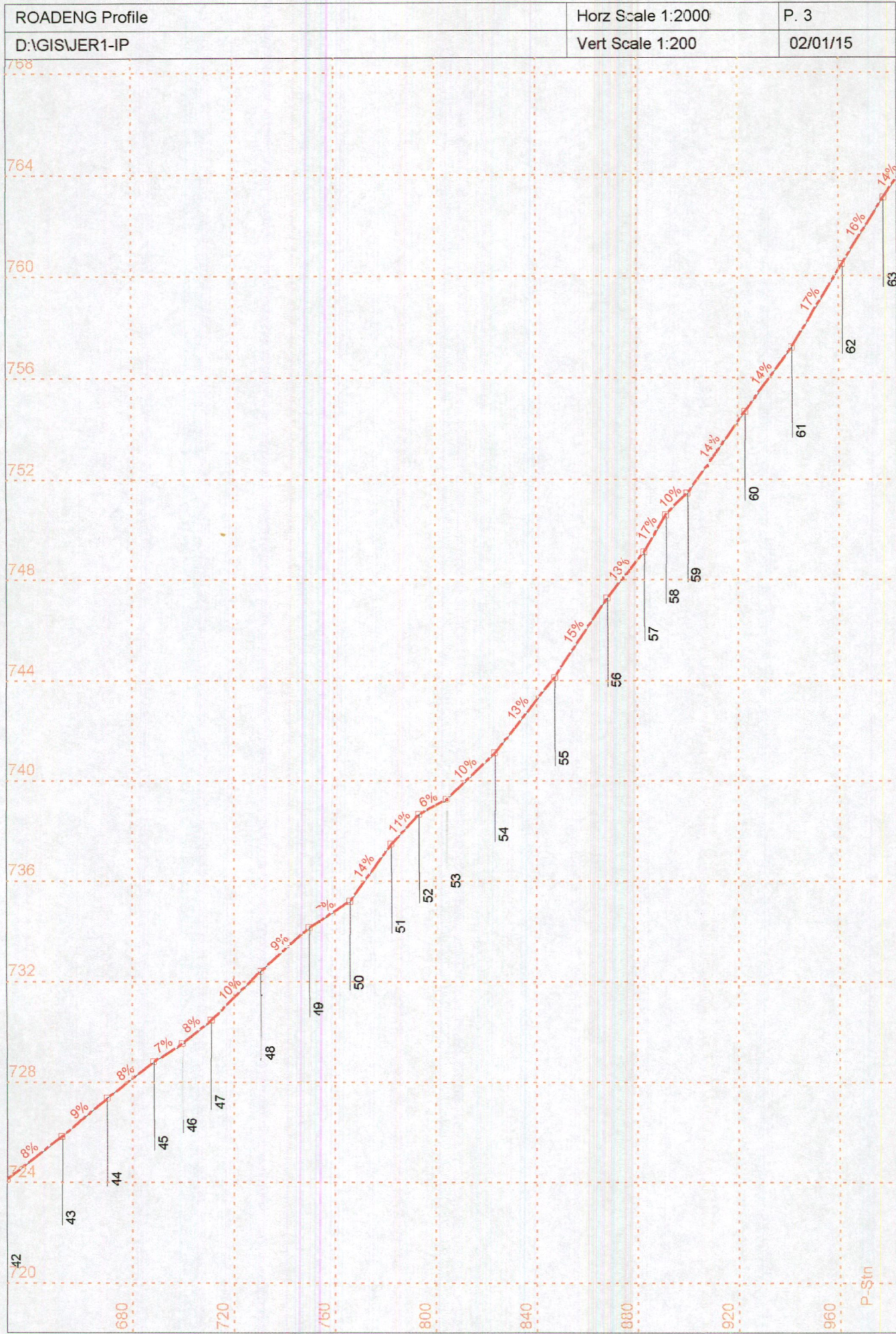


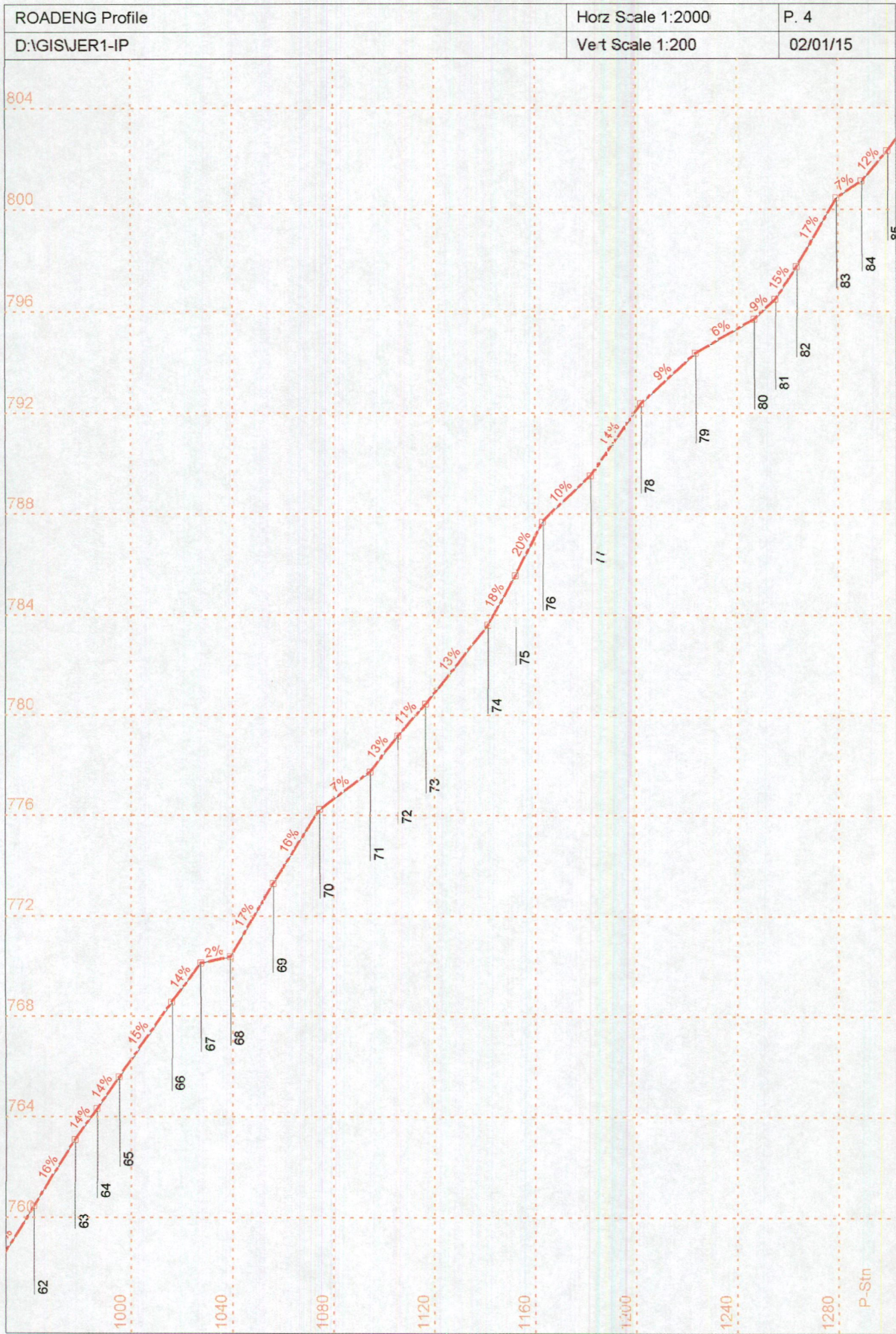


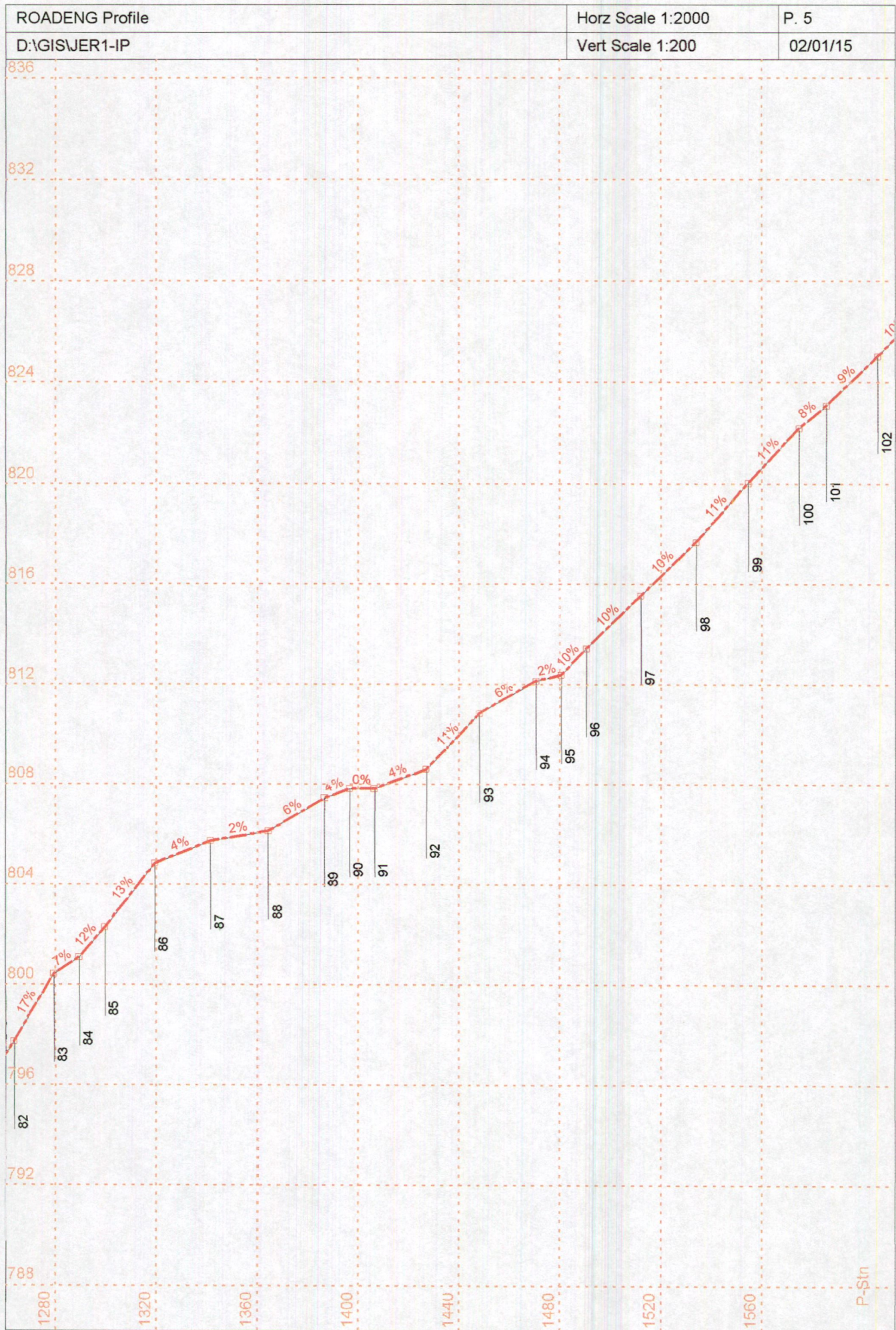


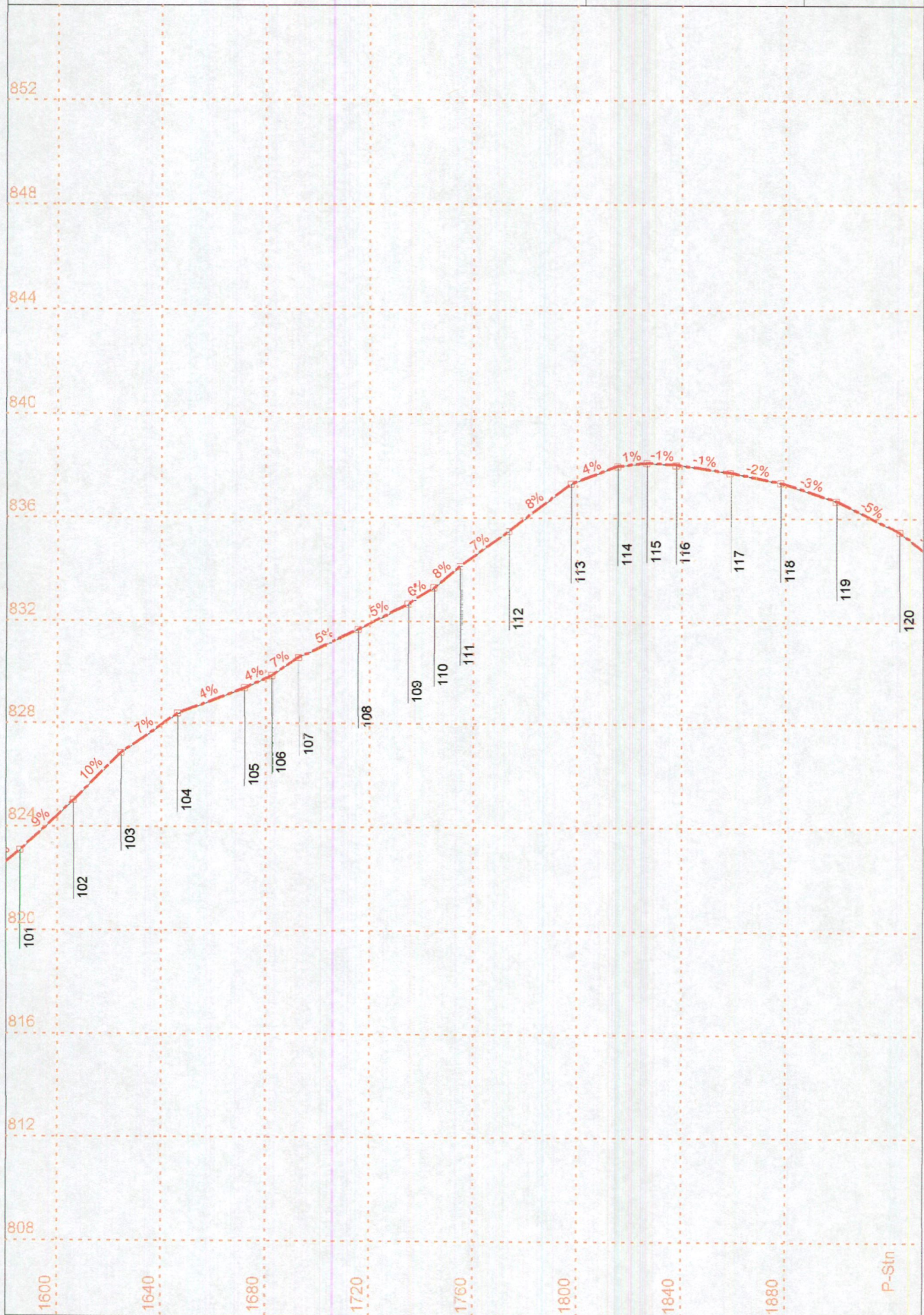


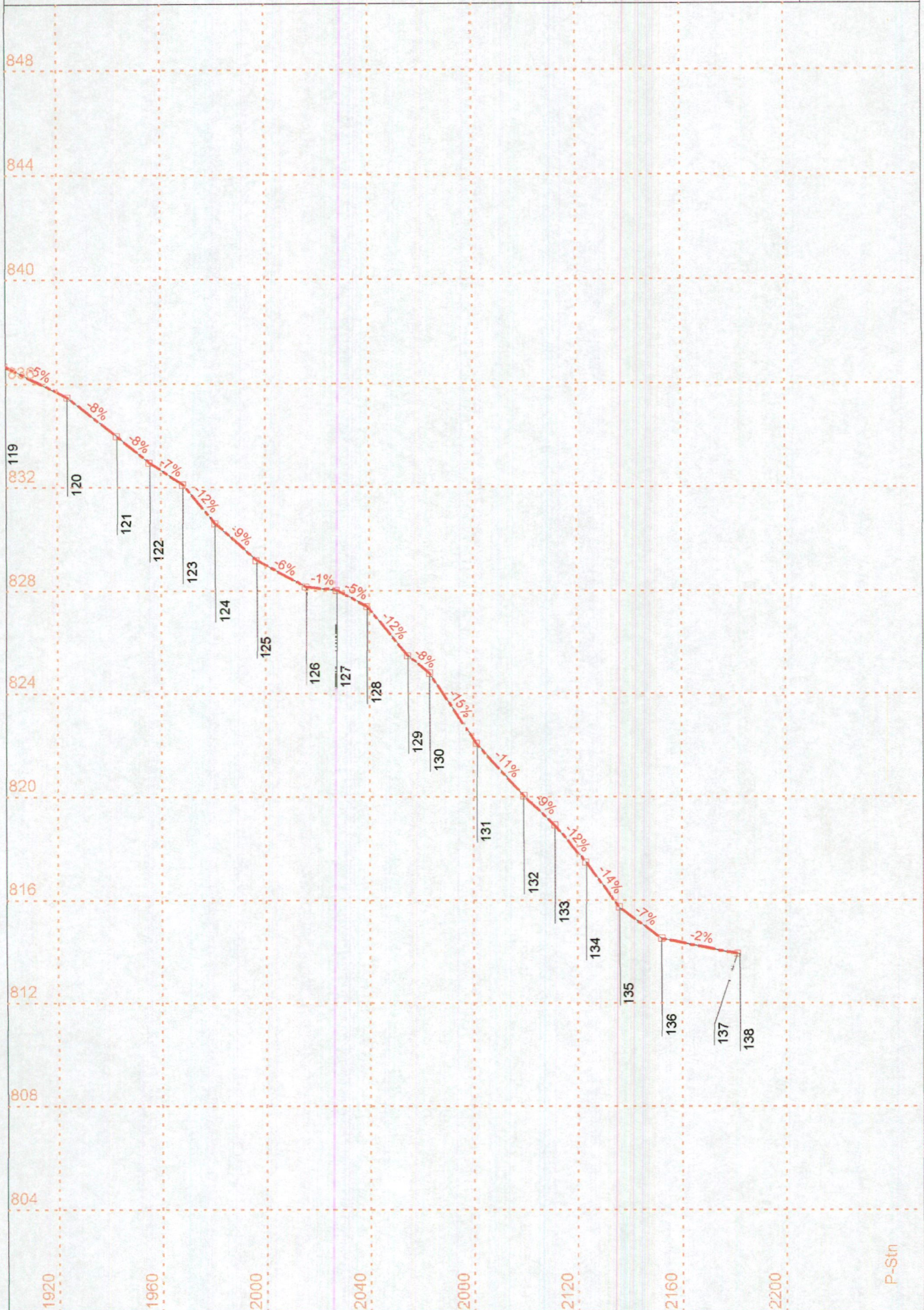


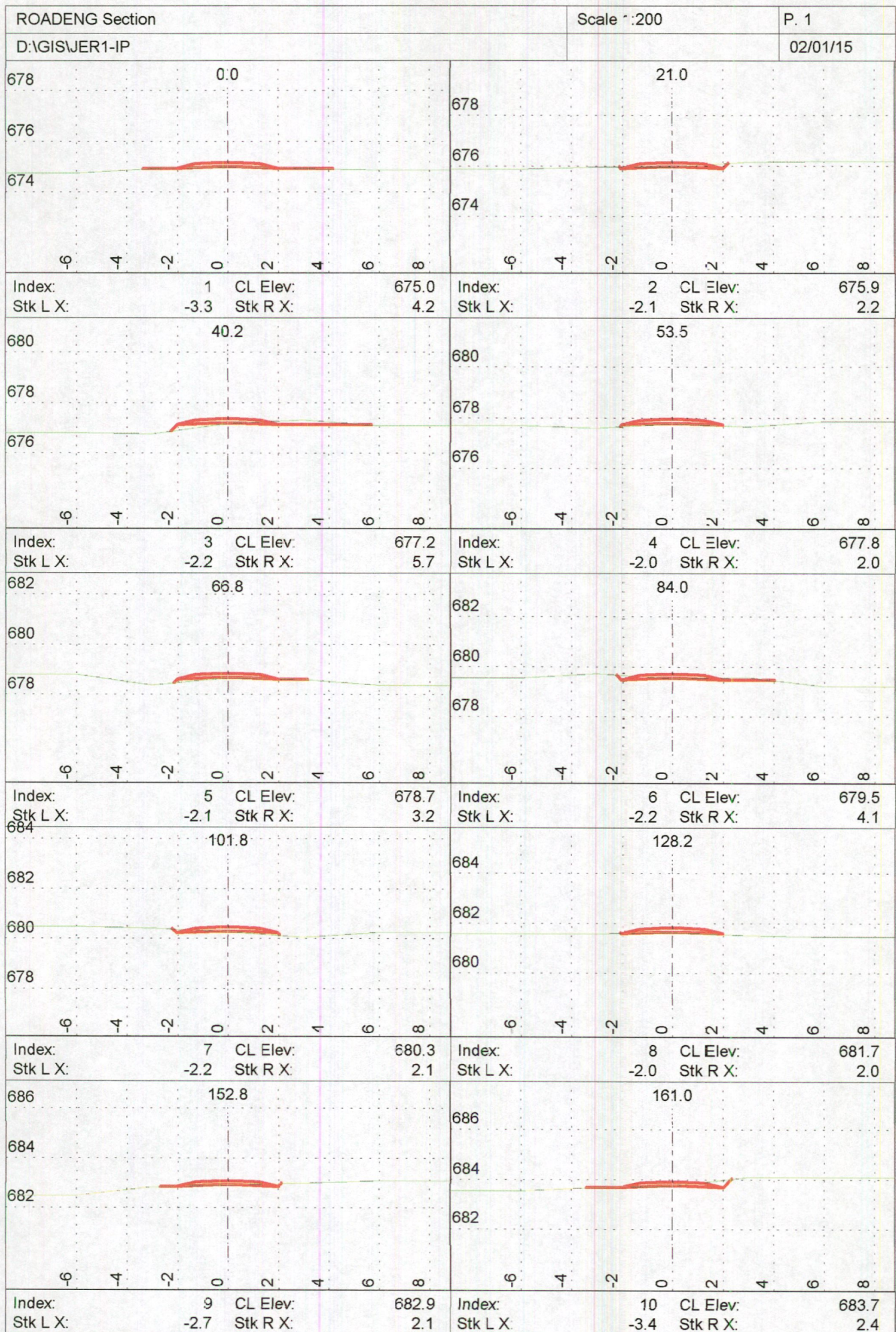


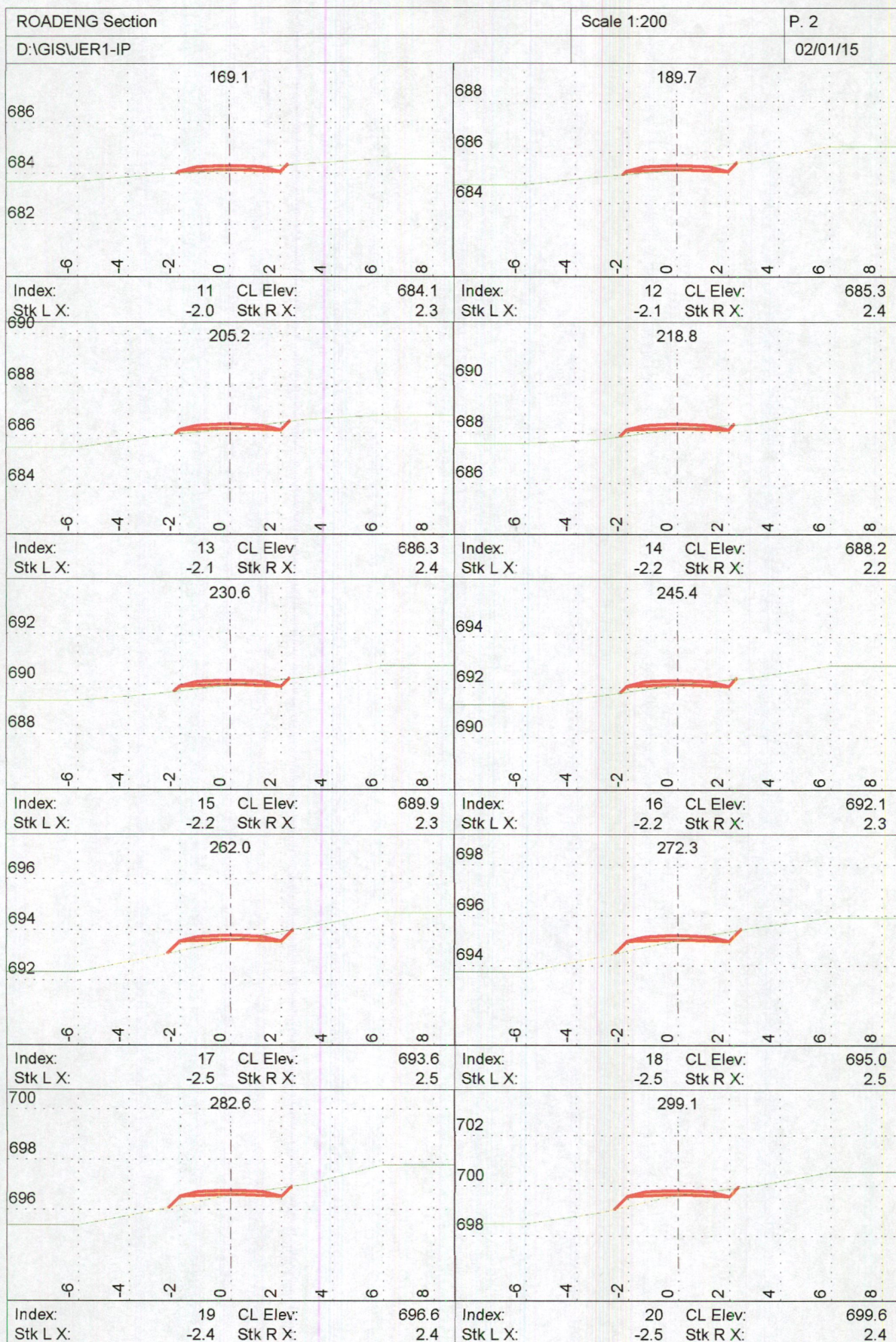


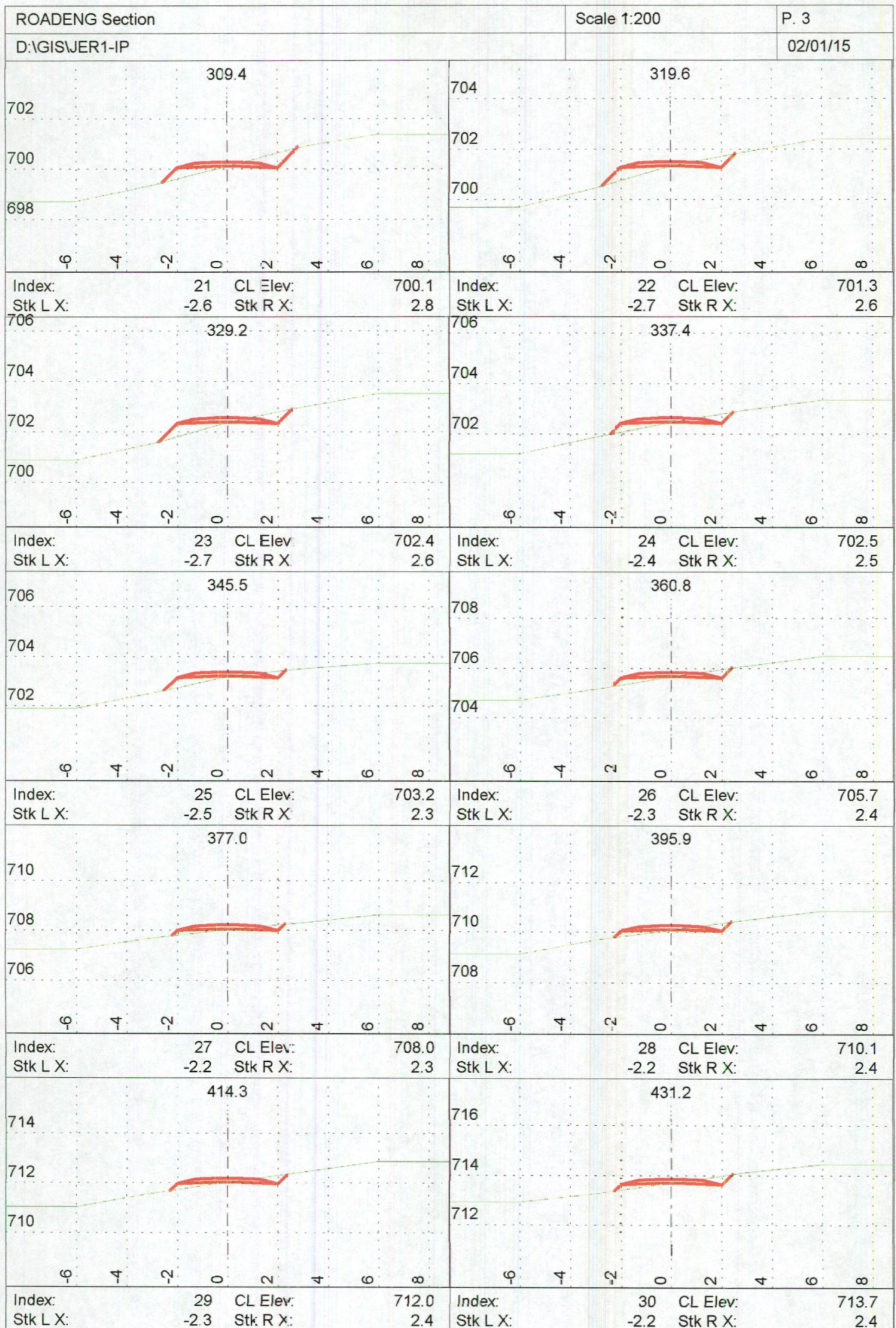


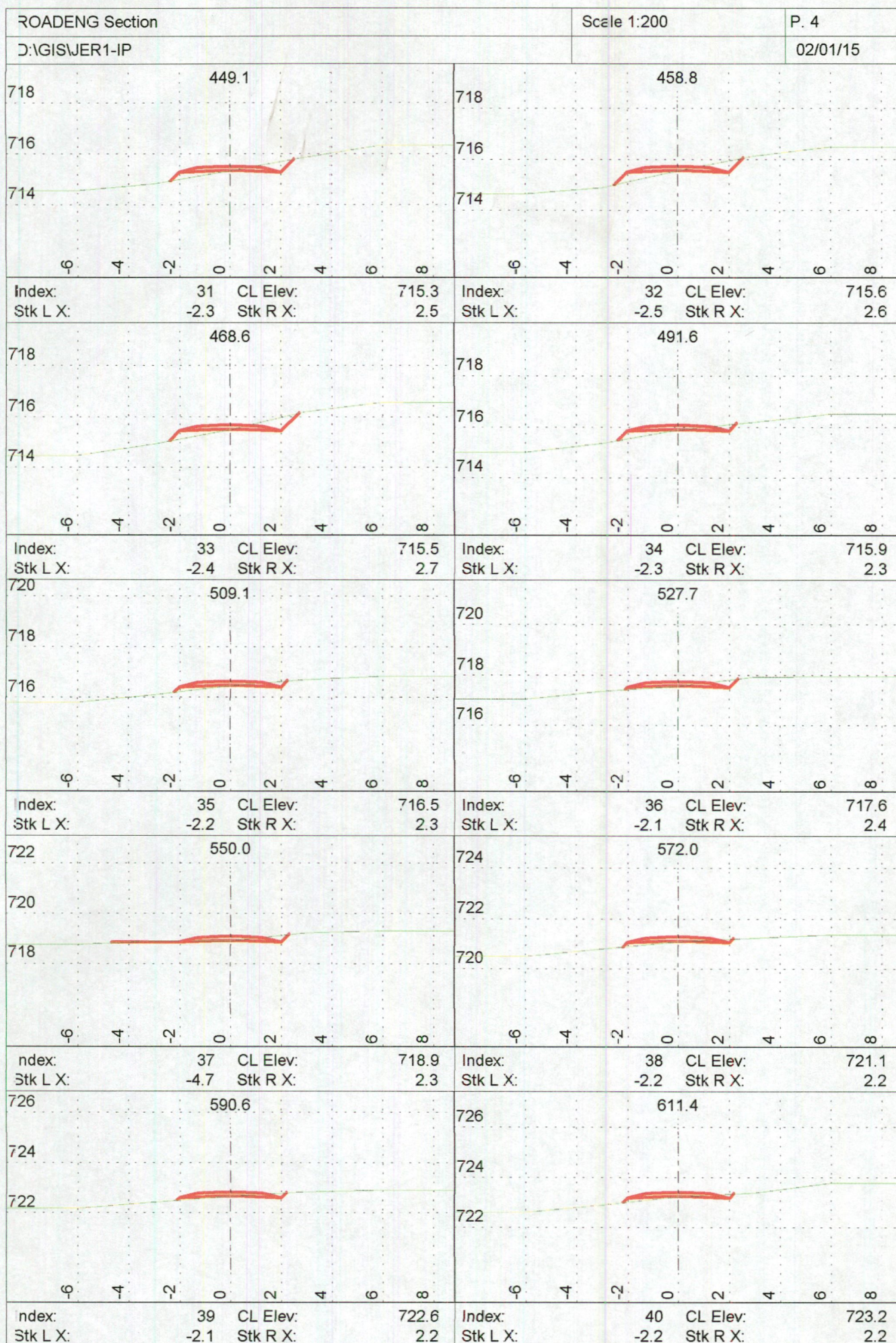


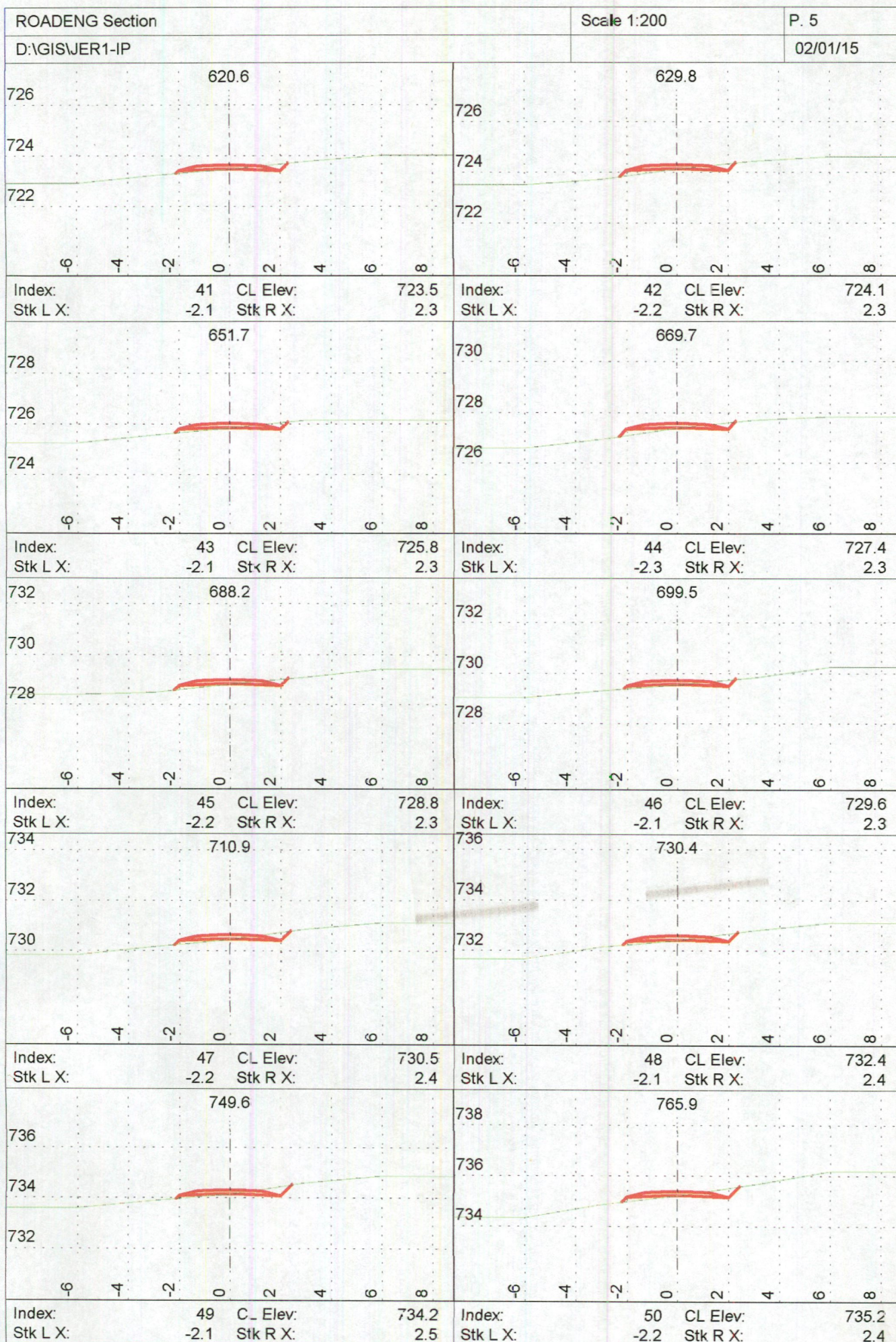


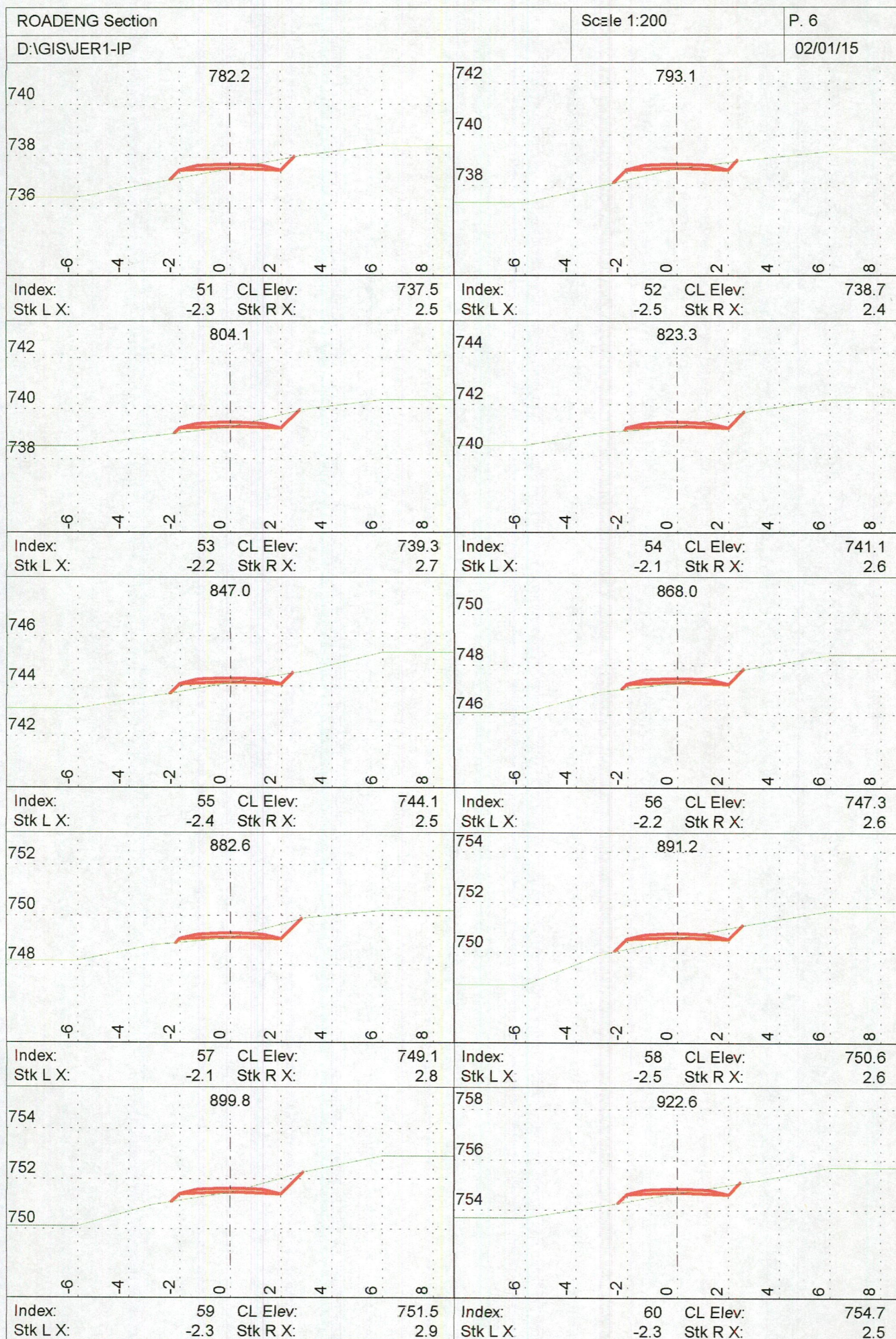


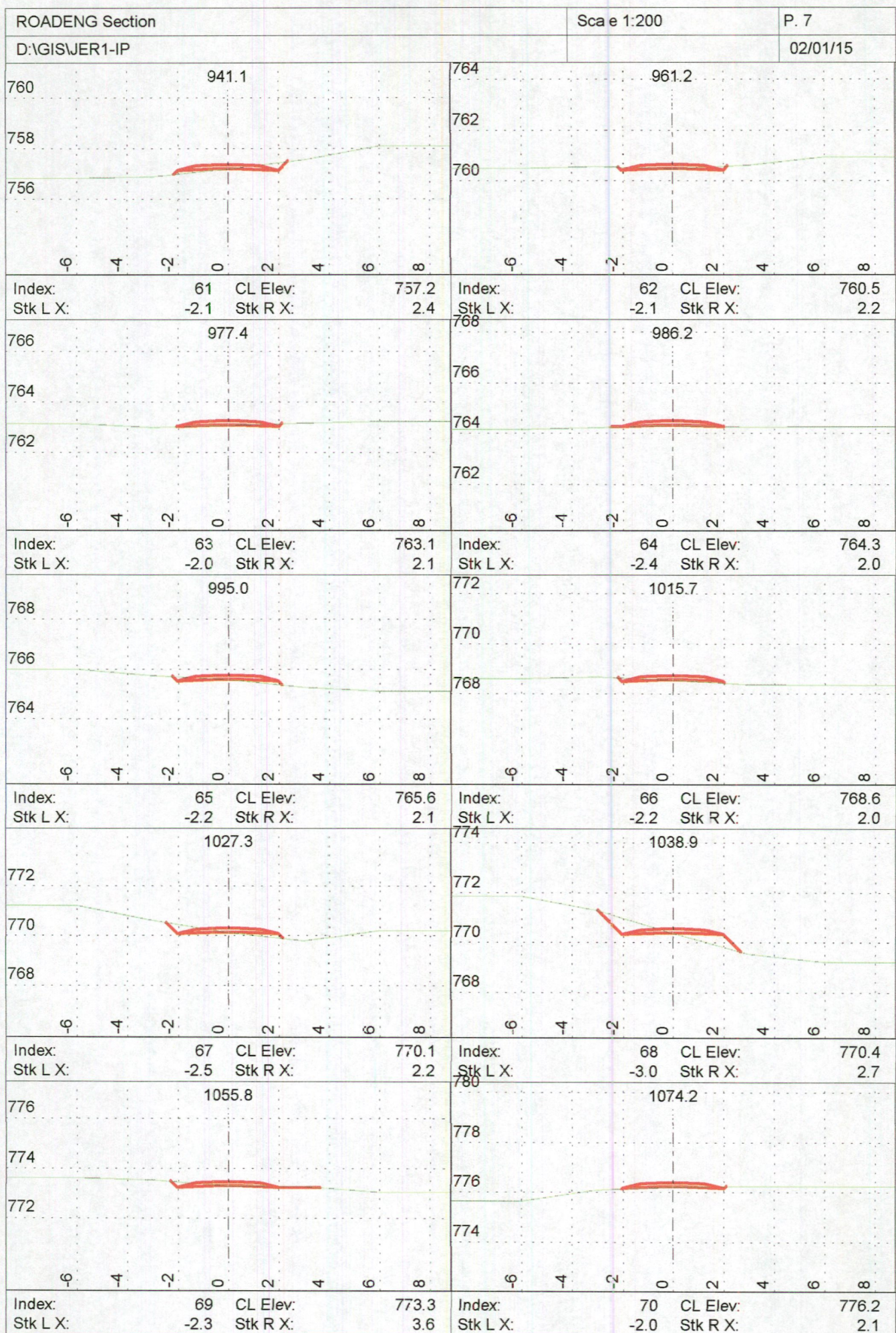


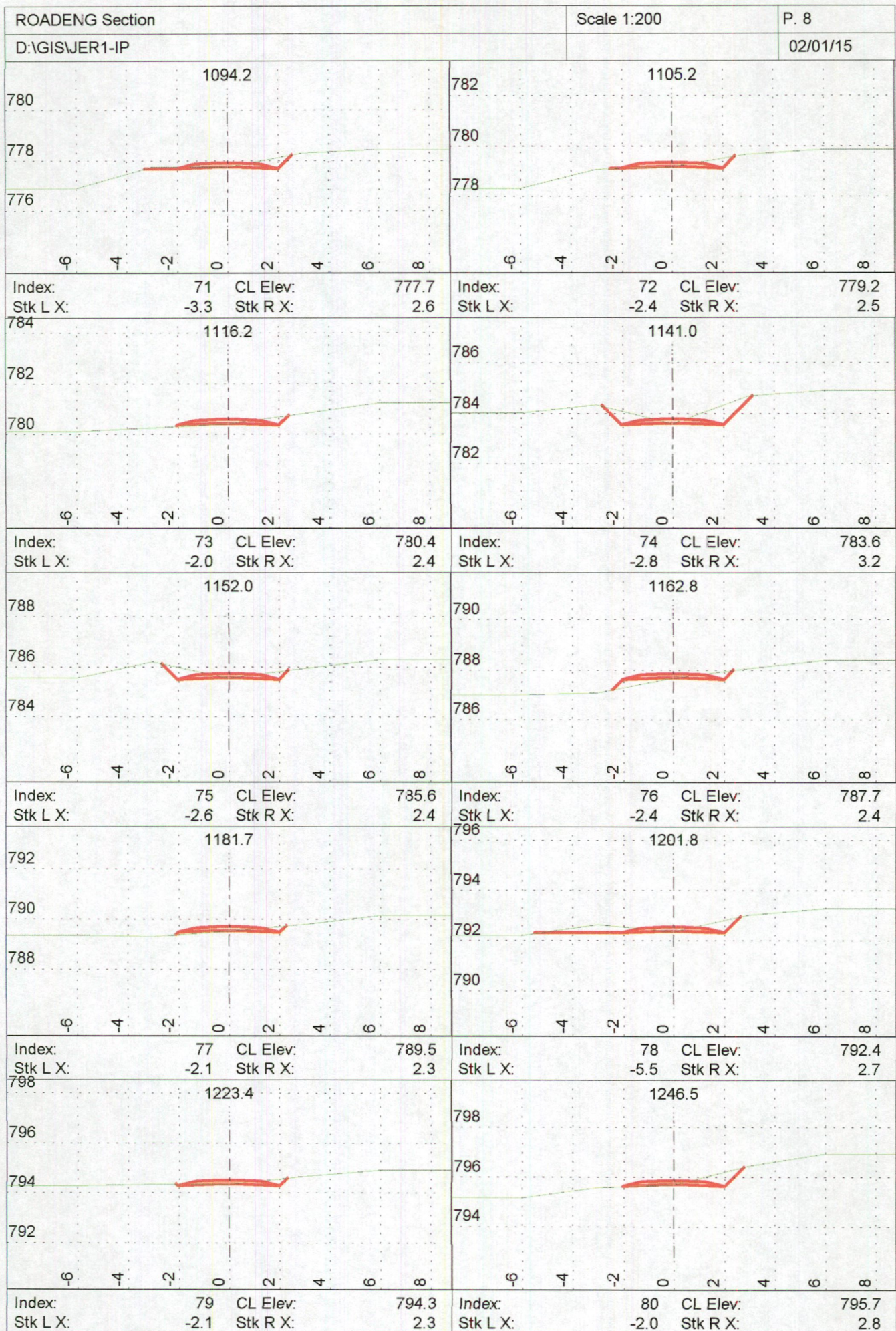


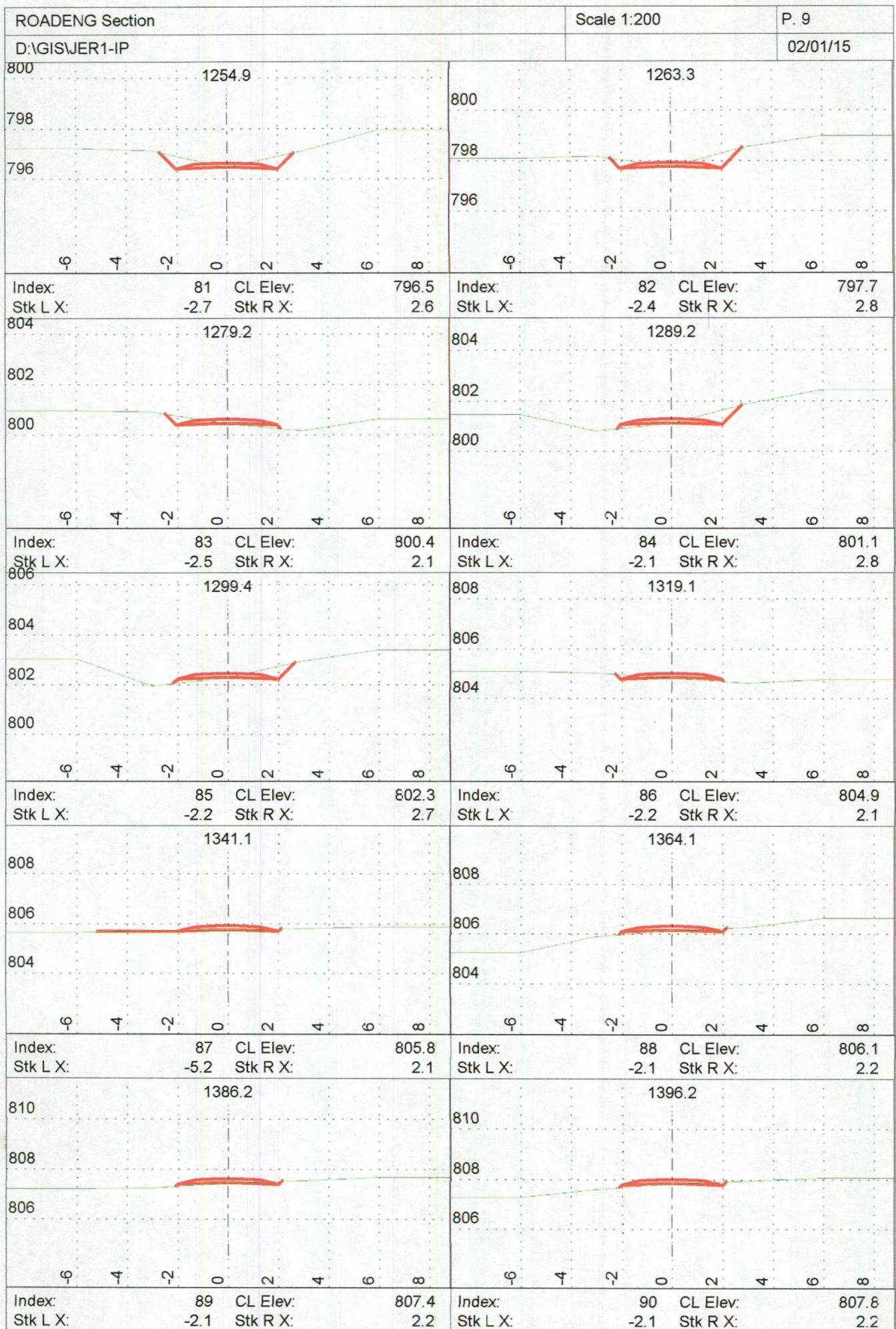


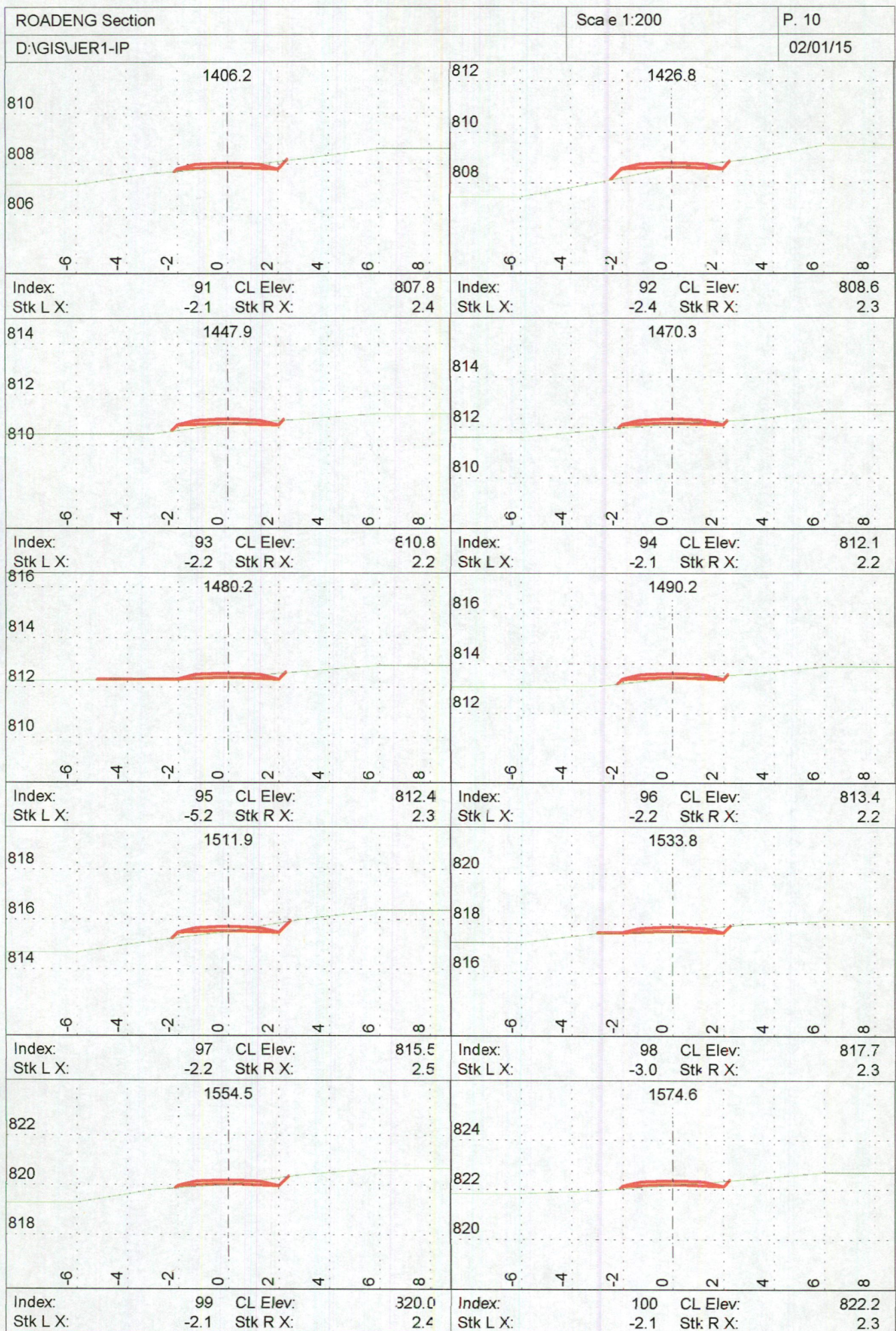


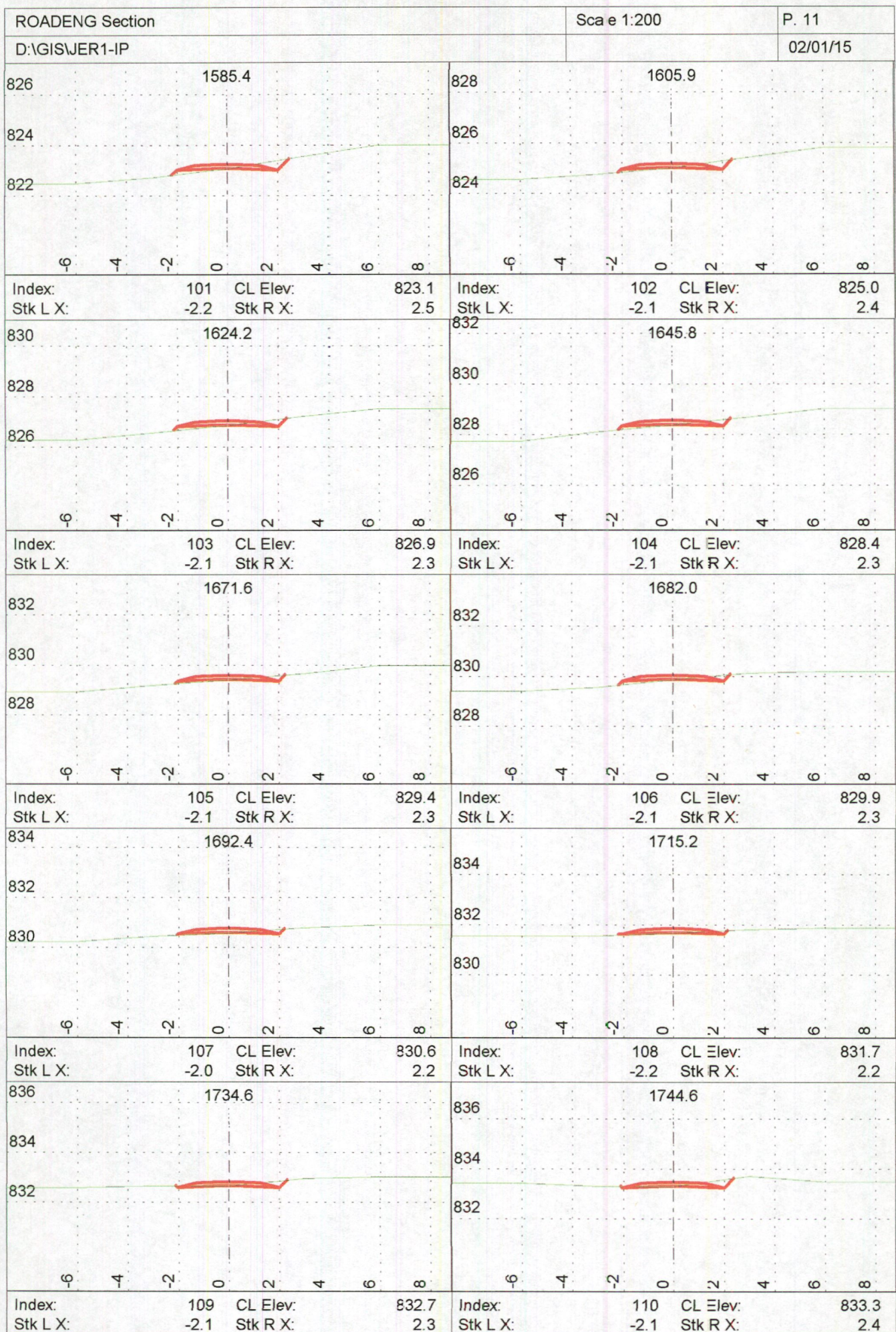


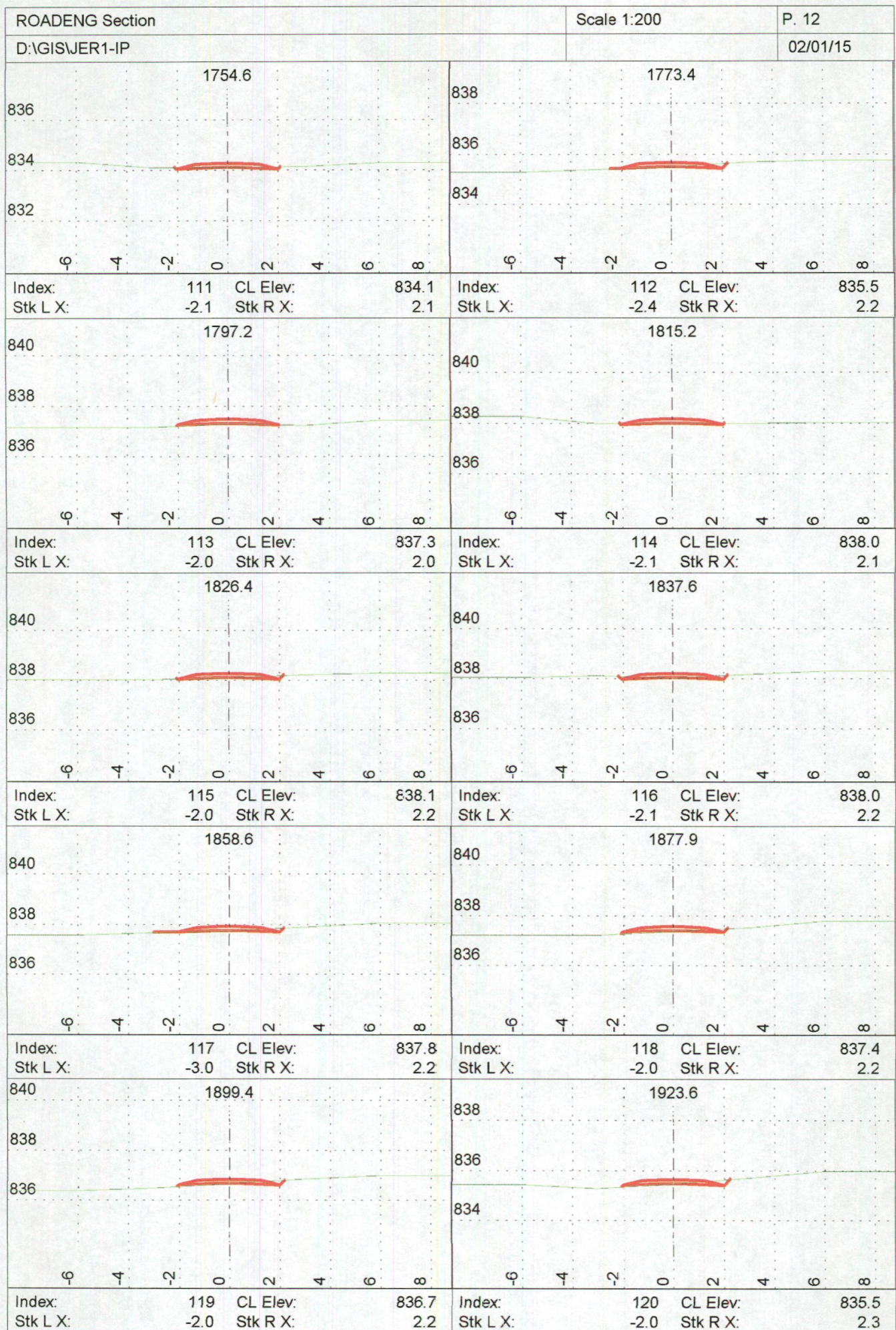


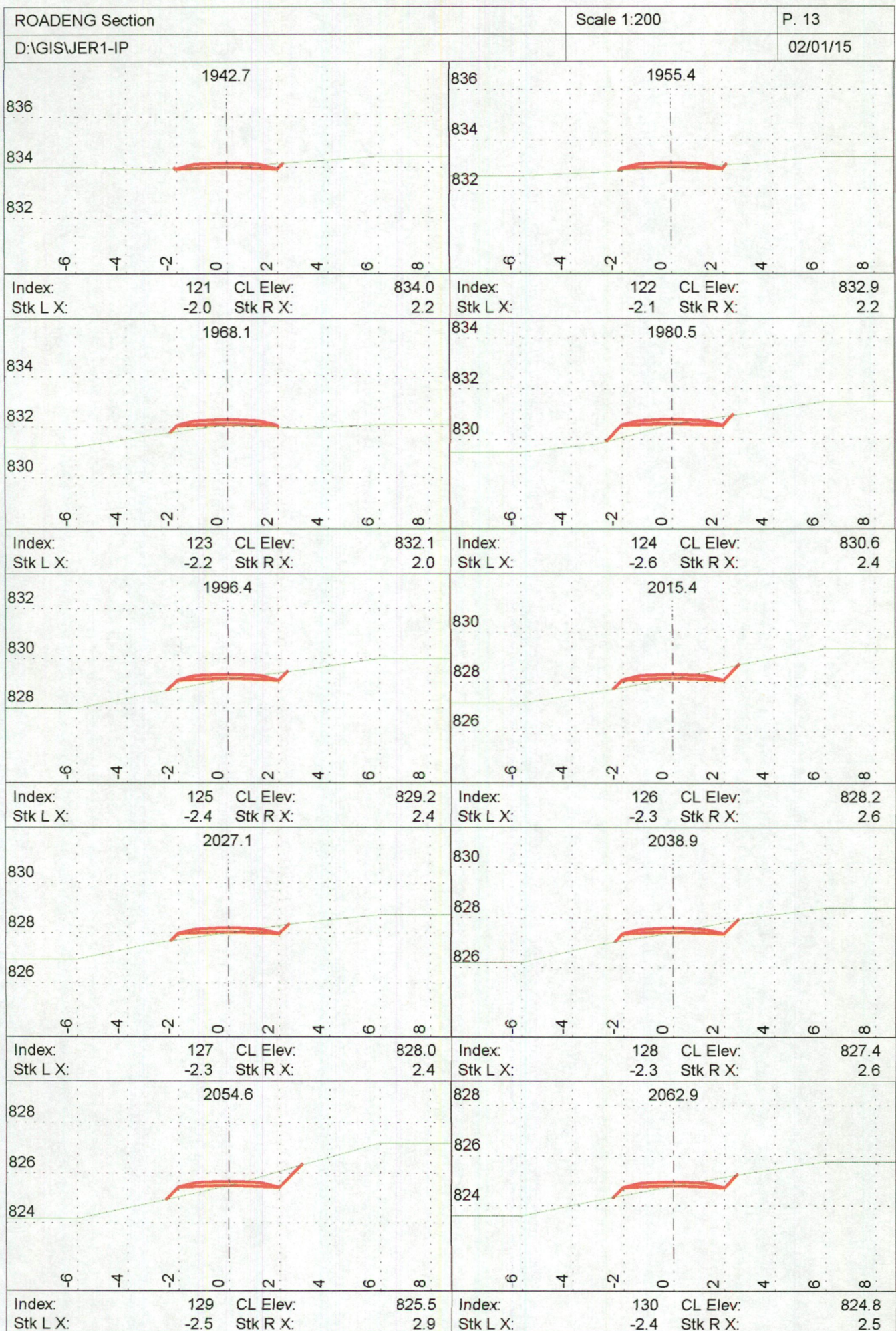


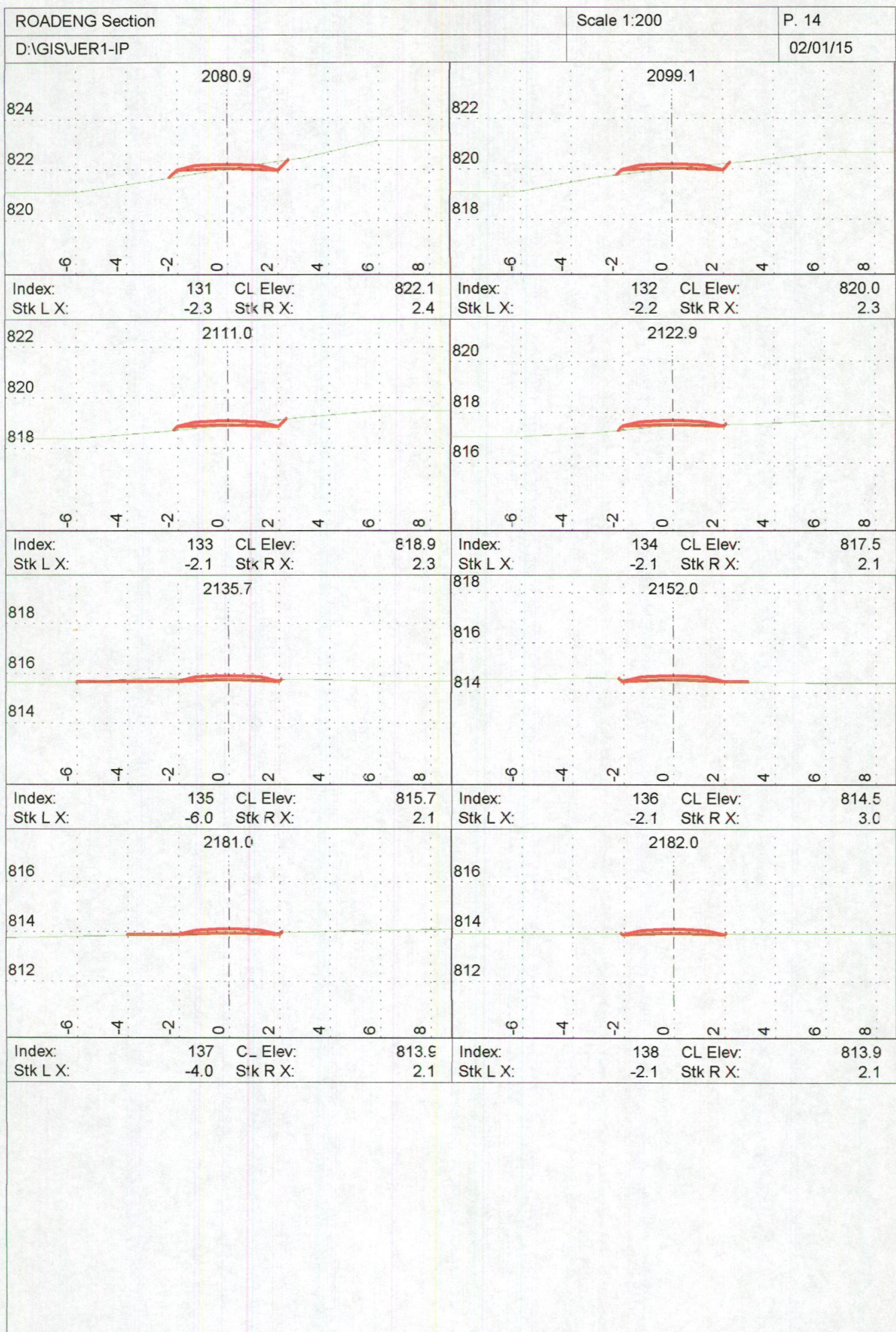


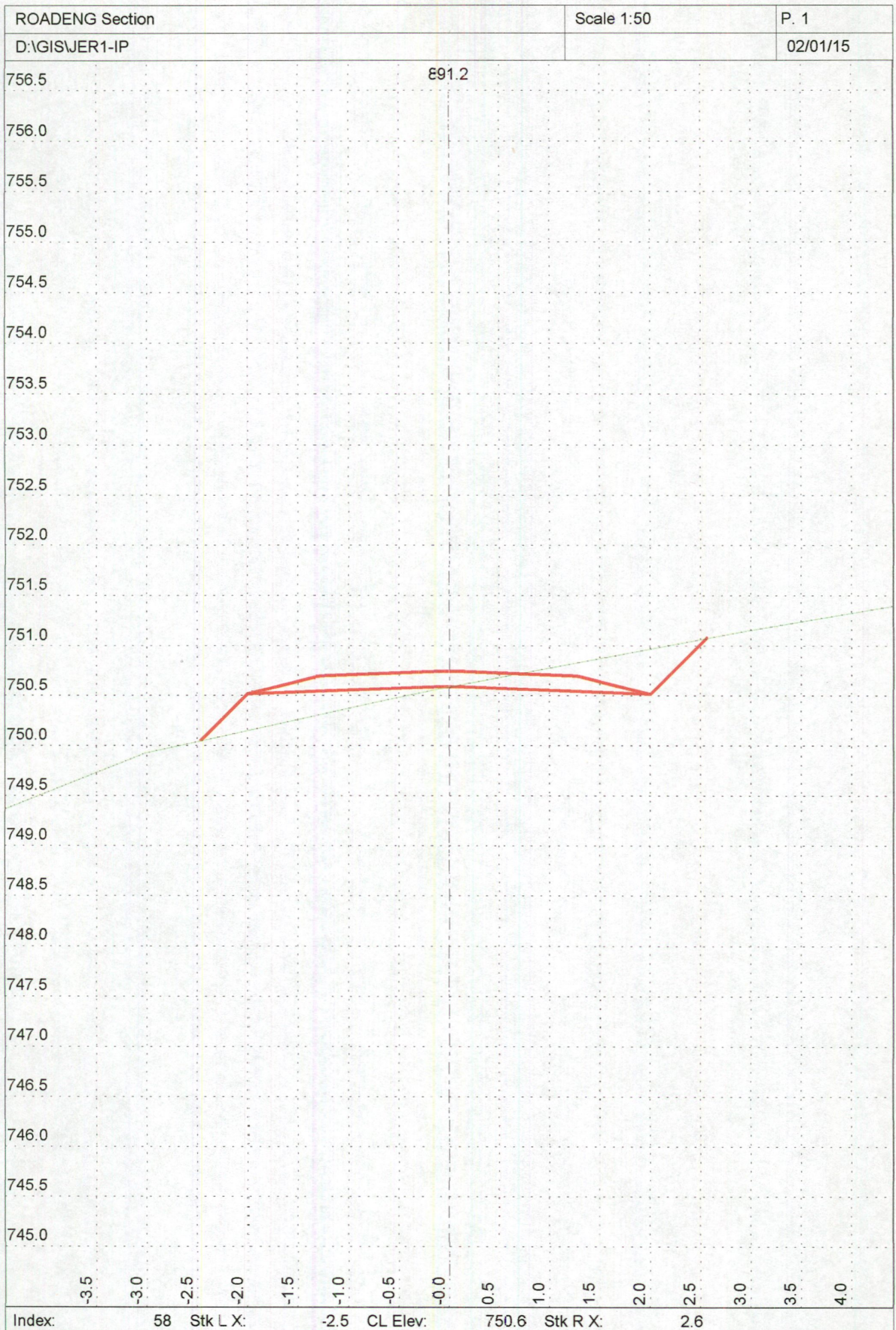


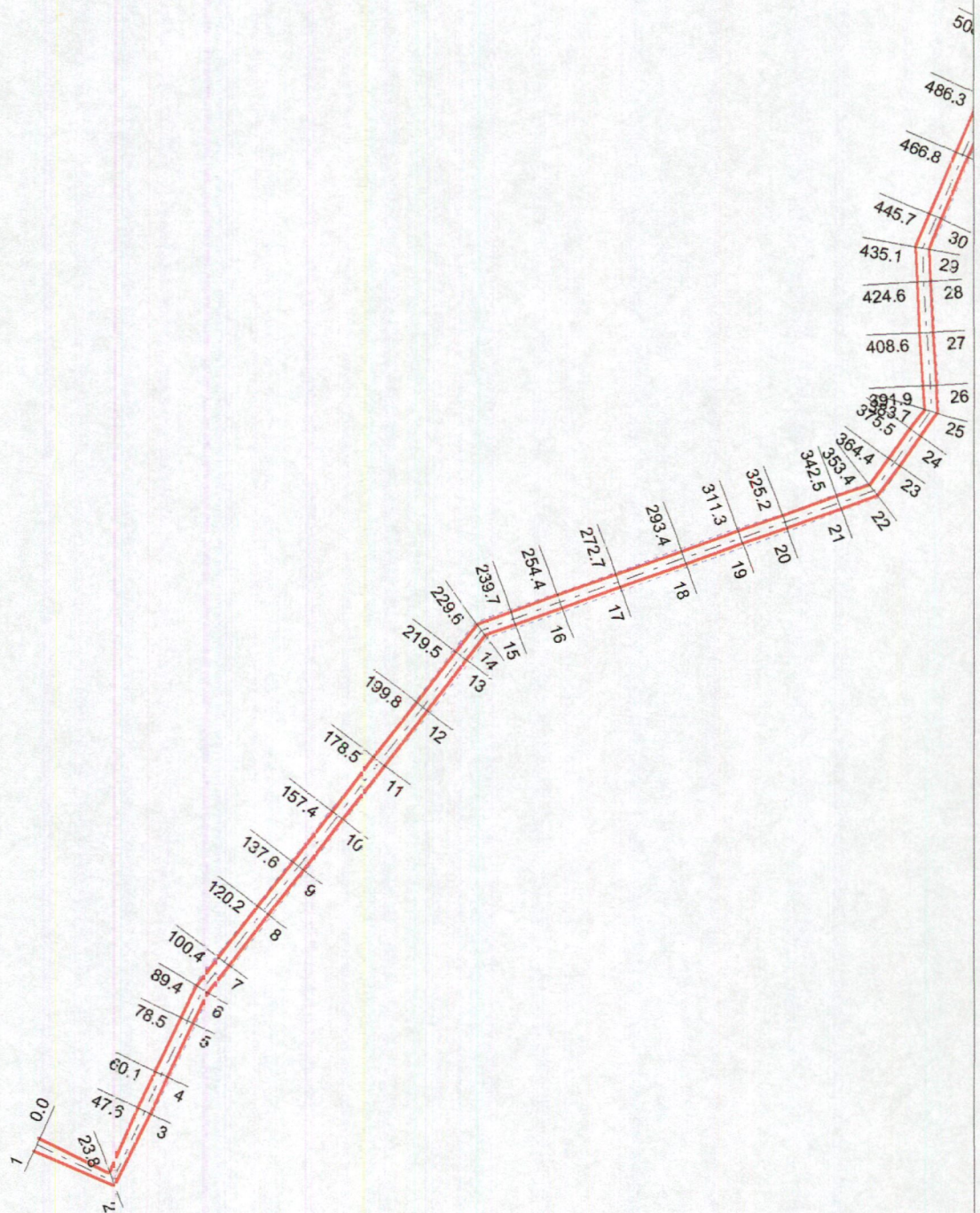


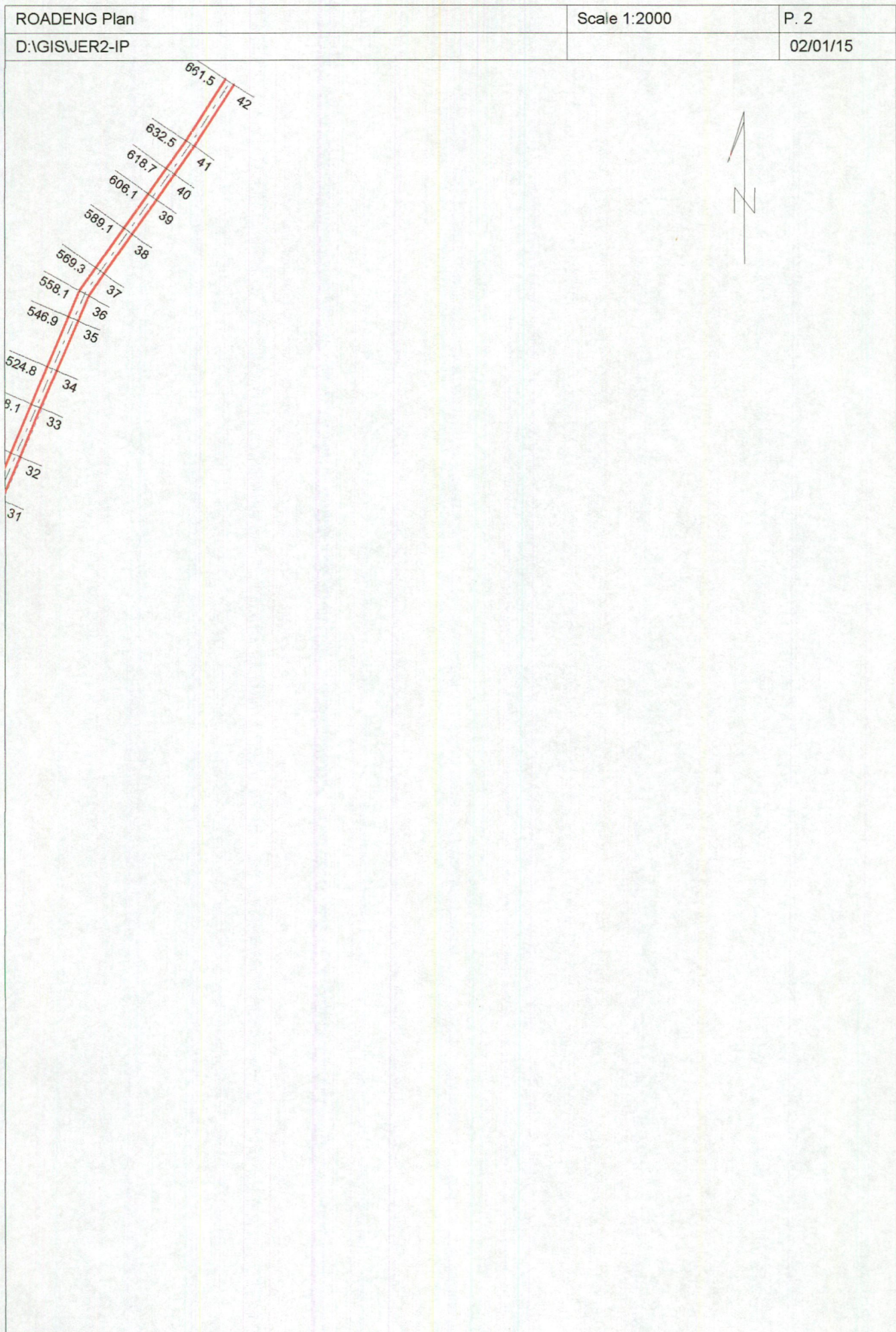


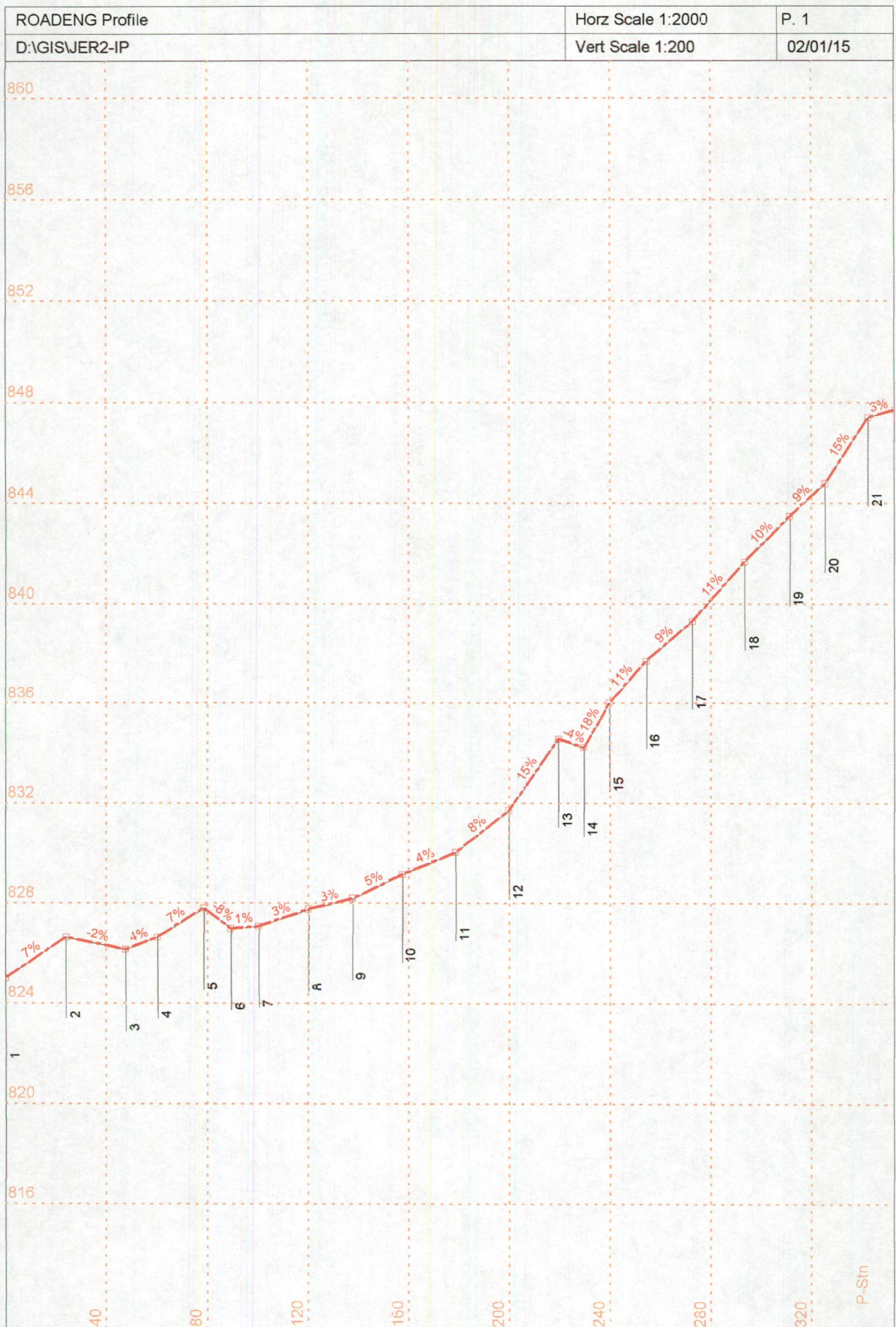


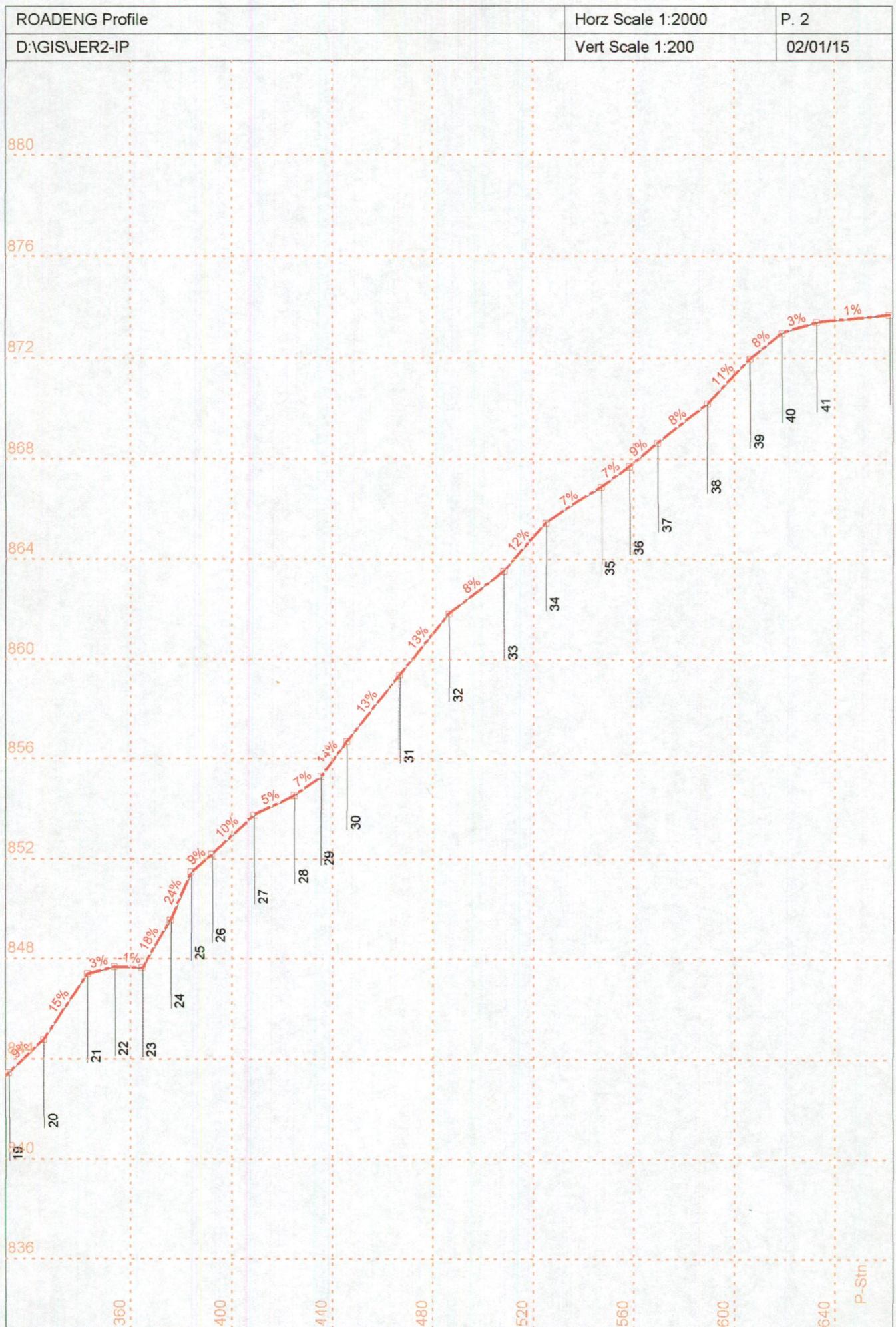


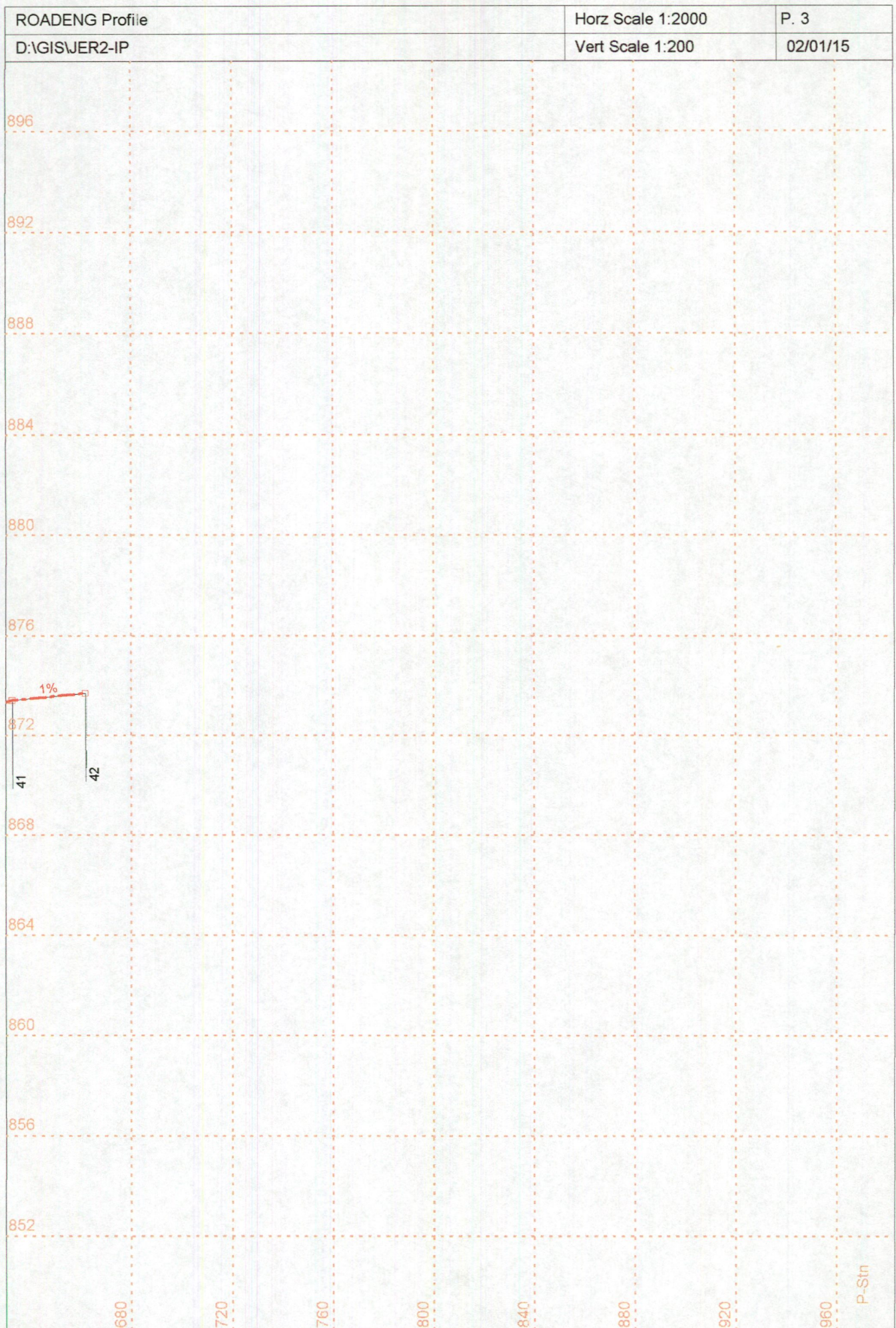


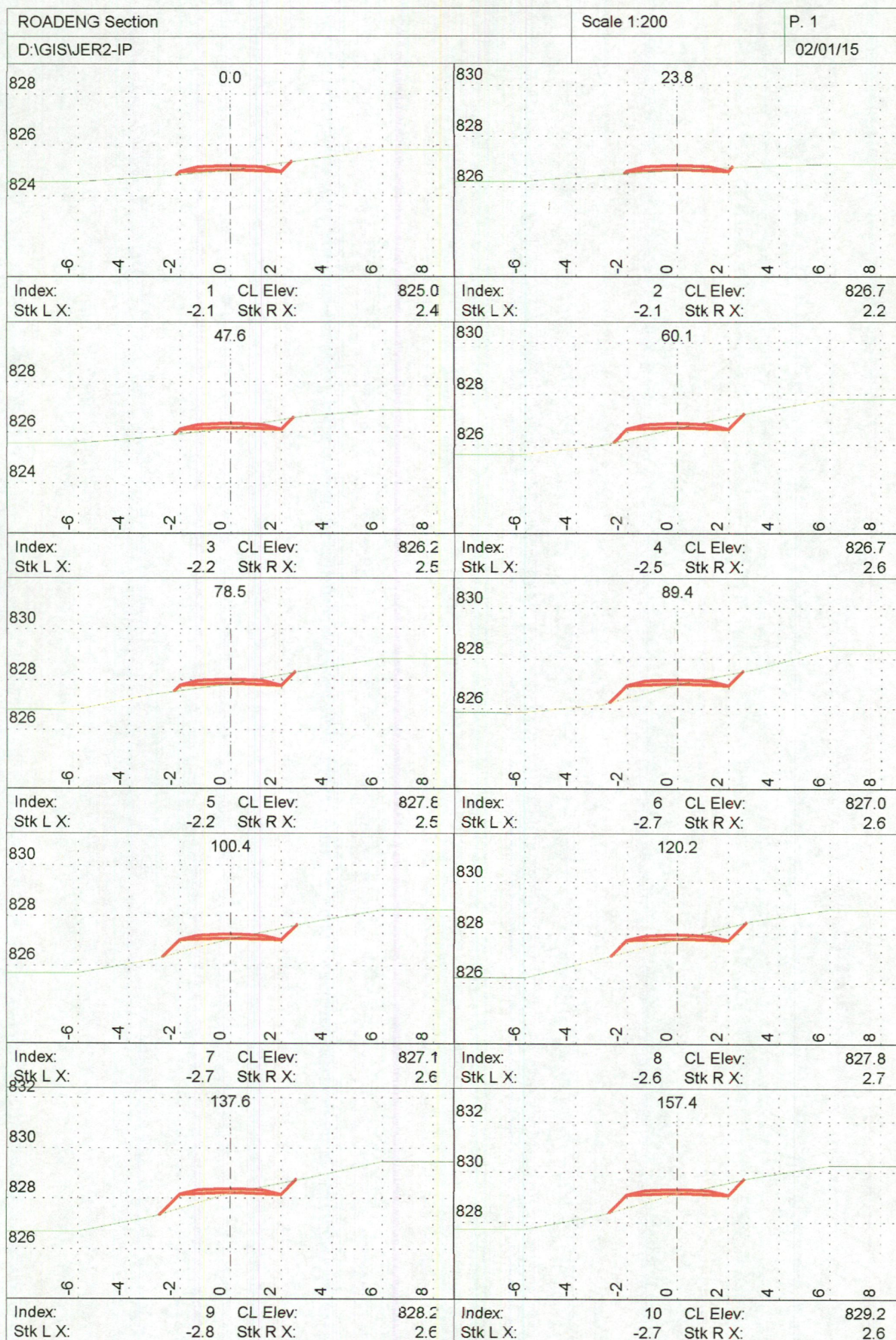


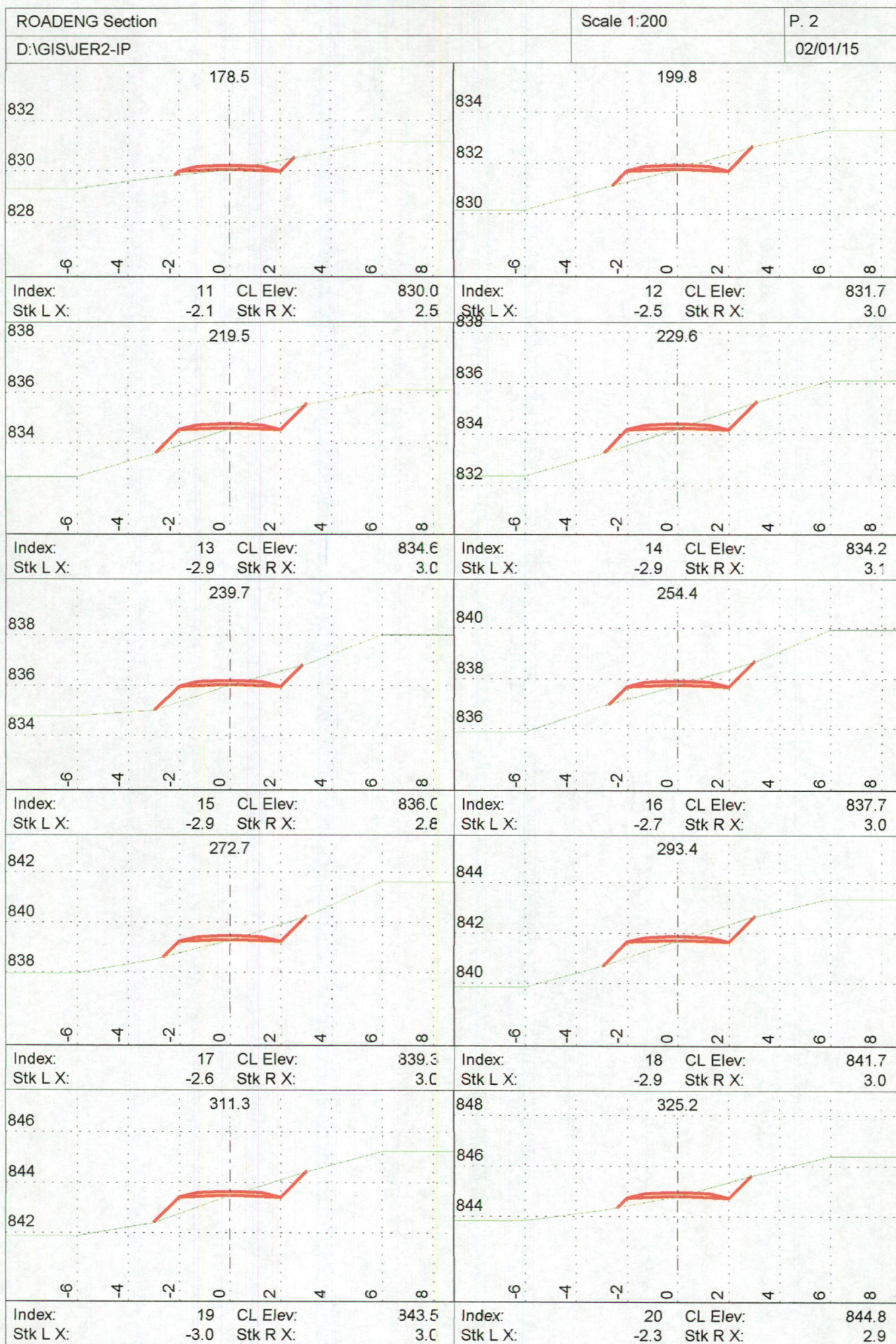


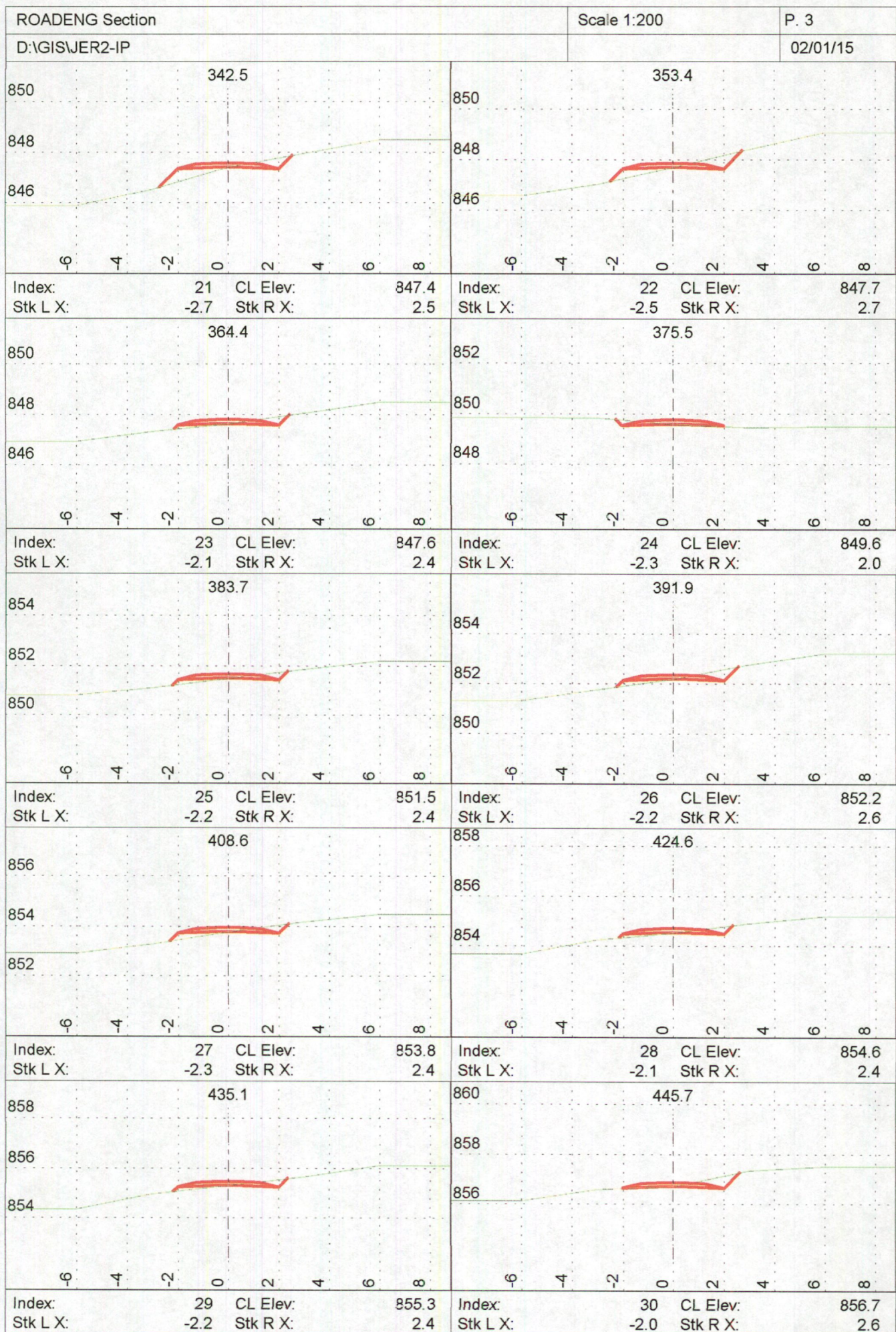


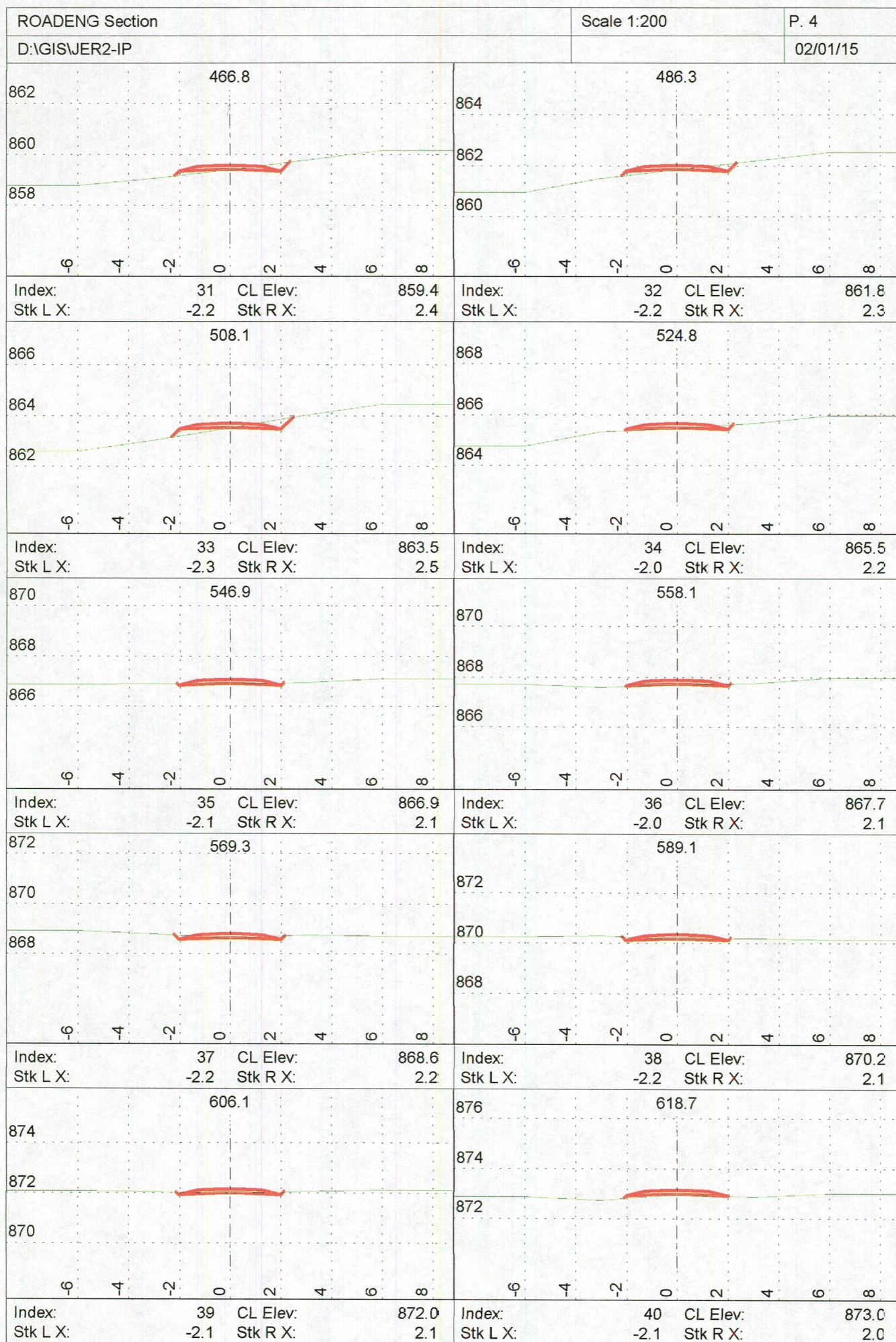


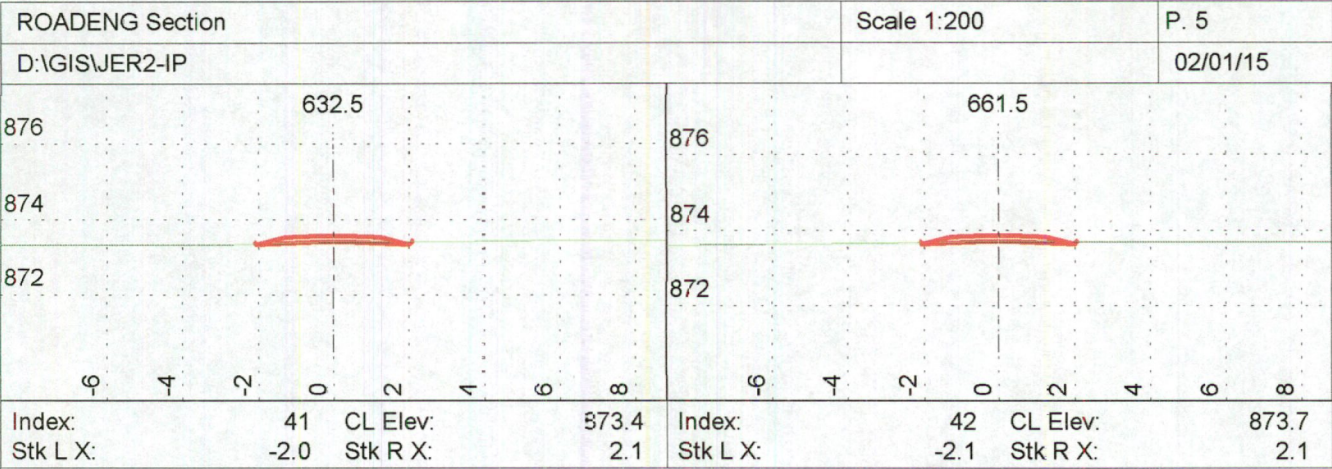


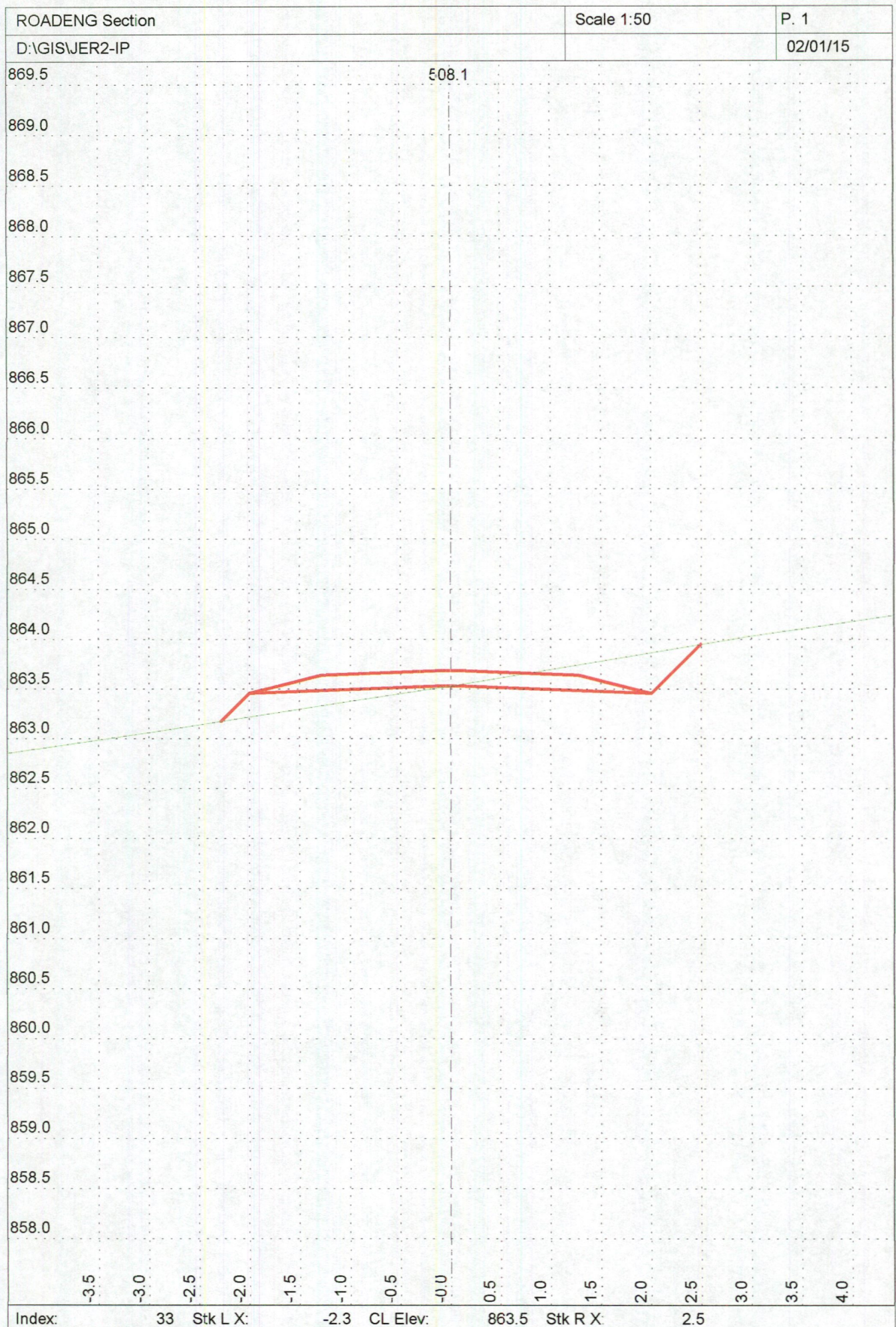














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