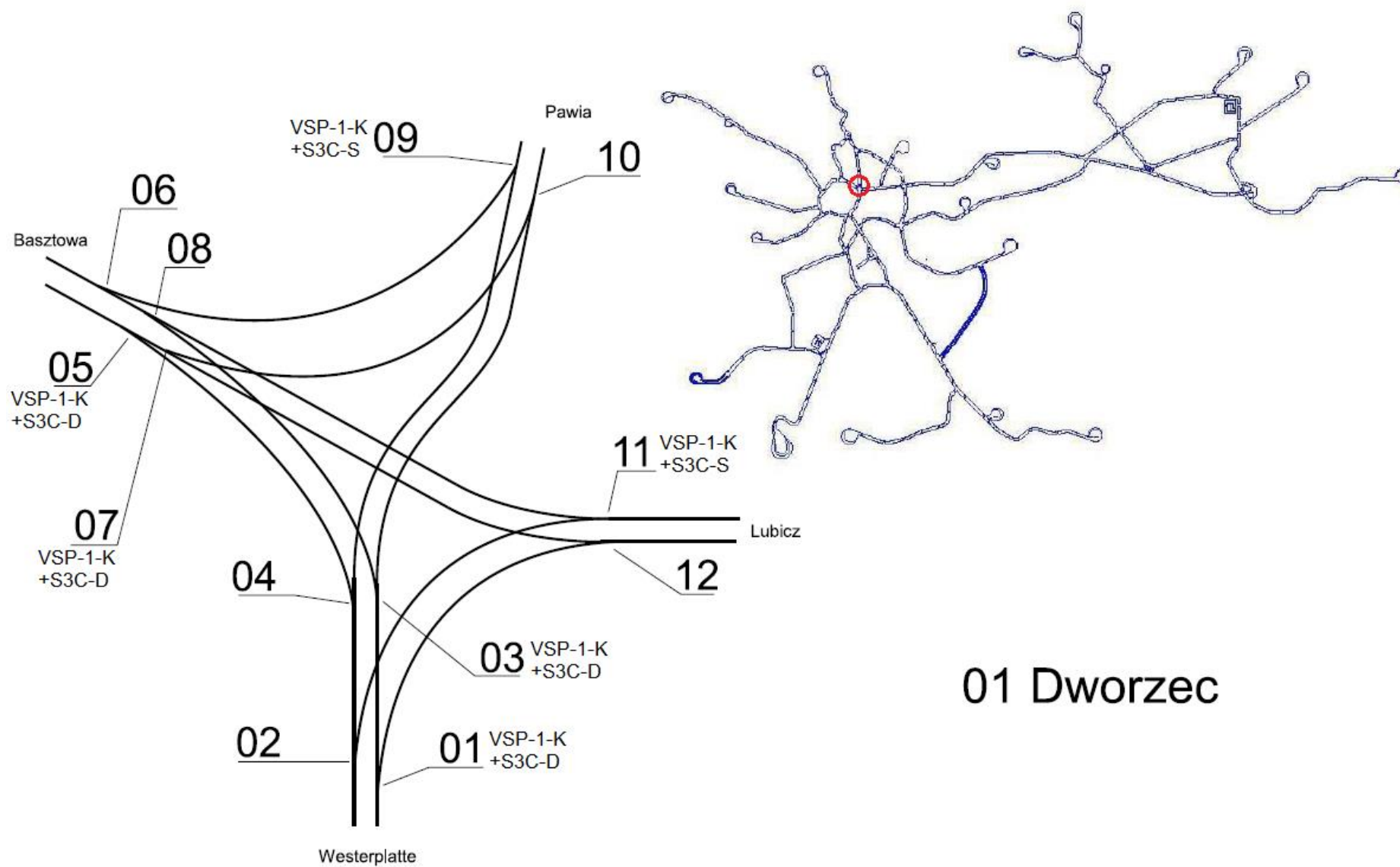


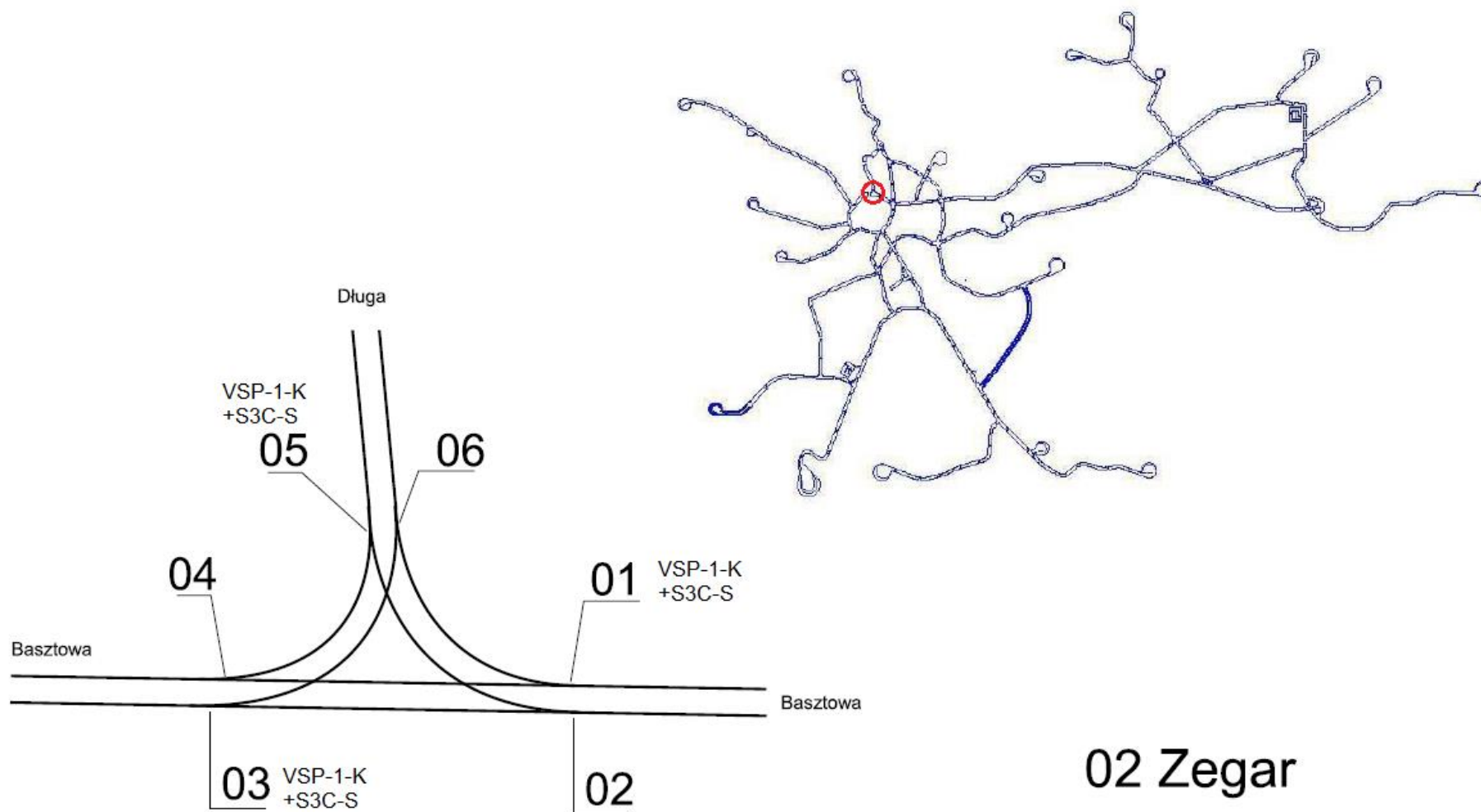
Wykaz węzłów, zwrotnic, oraz napędów i ogrzewań elektrycznych
infrastruktury tramwajowej Miasta Krakowa

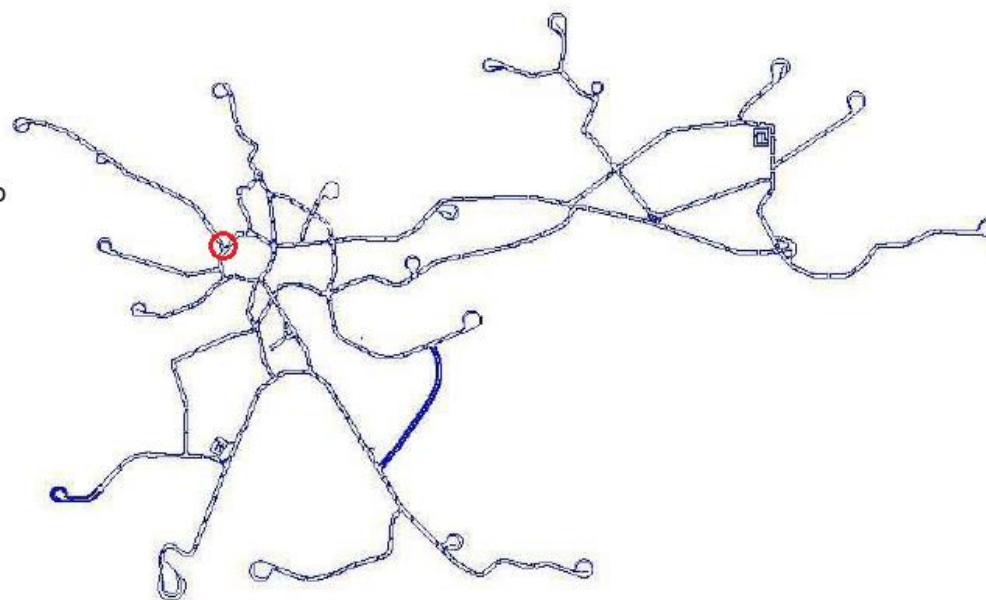
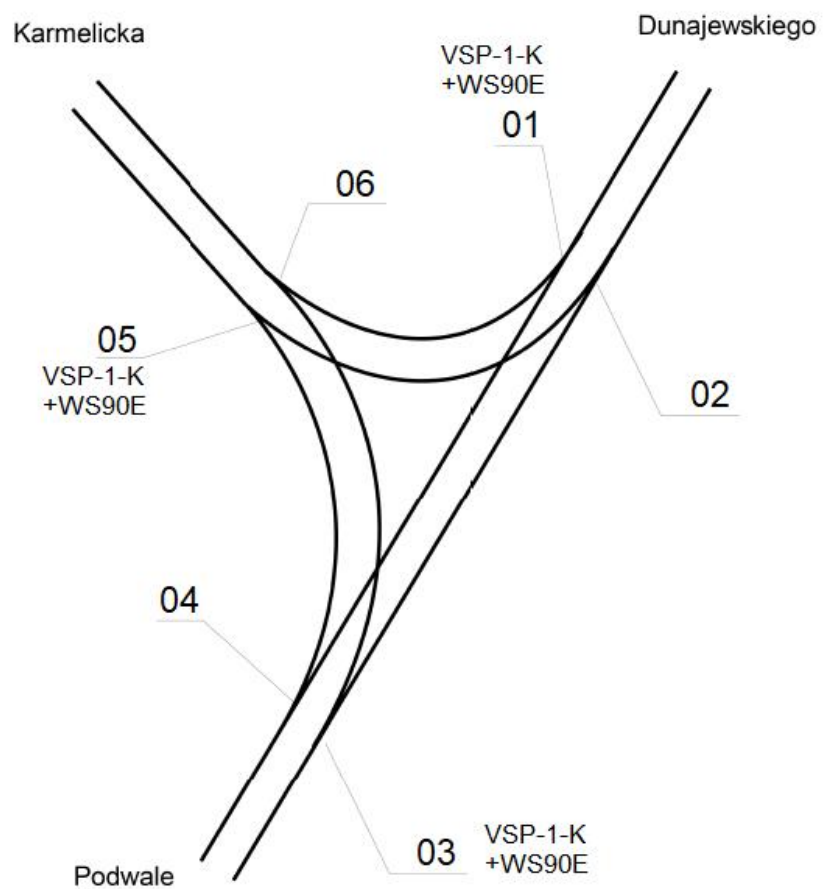
Lp.	Nr węzła - nazwa	Ilość zwrotnic w węźle [szt.]	Ilość napędów elektrycznych [szt.]		Ogrzewanie elektryczne ilość grzałek	Uwagi
			Łącznie	Nowego typu		
1	01 - Dworzec Główny	12	6	6	24	
2	02 - Stary Kleparz (Zegar)	6	3	3	12	
3	03 - Teatr Bagatela	6	3	3	12	
4	04 - Uniwersytet	6	3	3	12	
5	05 - Filharmonia	6	3	3	12	
6	06 - Wanda	6	3	3	12	
7	07 - Poczta Główna	6	3	3	12	
8	08 - Dworzec Towarowy	8	4	4	16	
9	09 - Bronowice	4	2	2	8	
10	10 - Bronowice Małe	3	1	1	6	
11	11 - Cichy Kącik	3	1	1	6	
12	12 - Salwator	3	1	-	6	
13	13 - Dietla/Stradomska	12	6	6	24	
14	14 - Dajwór	9	-	-	18	
15	15 - Dietla/Starowiślna	16	8	8	32	
16	16 - Rondo Grzegórzeckie	16	8	8	32	
17	17 - Rondo Mogiłskie	12	6	6	24	
18	18 - Lubicz/Rakowicka	6	3	3	12	
19	19 - Pawia/KST	2	1	1	4	
20	20 - św. Wawrzyńca/Muzeum	3	-	-	6	
21	21 - Cmentarz Rakowicki	-	-	-	-	
22	22 - Borek Fałęcki	6	3	3	12	
23	23 - Łagiewniki	12	6	6	24	
24	24 - Wadowicka/Rzemieślnicza	6	3	1	12	
25	25 - Korona	6	3	3	12	
26	26 - Na Zjeździe/Limanowskiego	6	3	3	12	
27	27 - Płaszów- Wielicka/Dworcowa	6	-	-	12	
28	28 - Prokocim	4	2	-	8	
29	29 - Nowy Bieżanów	3	1	1	6	
30	30 - Dąbie	4	1	1	8	
31	31 - Wieczysta	6	3	3	12	
32	32 - Rondo Czyżyńskie	16	8	8	32	
33	33 - Plac Centralny	12	6	6	24	

34	34 - Mistrzejowice	3	1	-	6	
35	35 - Rondo Piastowskie	6	1	1	12	
36	36 - os. Piastów	3	1	1	6	
37	37 - Bieńczyce	4	1	1	8	
38	38 - Rondo Kocmyrzowskie	16	8	8	32	
39	39 - Łowińskiego/Kocmyrzowska (Wiadukty)	6	2	1	12	
40	40 - Wzgórza Krzesławickie	3	1	1	6	
41	41 - Ujastek I-sza Brama	6	3	3	12	
42	42 - Walcownia	3	-	-	6	
43	43 - Mrozowa/Ujastek (GOP)	2	1	-	4	
44	44 - Kombinat	6	2	1	12	
45	45 - Kopiec Wandy	12	3	3	24	
46	46 - Pleszów	3	1	1	6	
47	47 - Krowodrza Górka	7	2	2	14	
48	48 - Nowosądecka/Wielicka	2	1	1	4	
49	49 - Kurdwanów	5	3	3	10	
50	50 - Rzemieślnicza Brama	3	-	-	6	
51	51 - Ujastek II-ga Brama	12	6	6	20	
52	52 - Łagiewniki Brama/Brożka	5	2	1	10	
53	53 - Mały Płaszów	2	1	1	4	
54	54 - Grota Roweckiego /Kapelanka/Brożka	6	3	3	12	
55	55 - Czerwone Maki	3	1	1	6	
56	56 - Lipska/Estakada	6	3	3	12	
57	57 - Wielicka/Estakada	6	3	3	12	
	Razem	362	154	144	720	

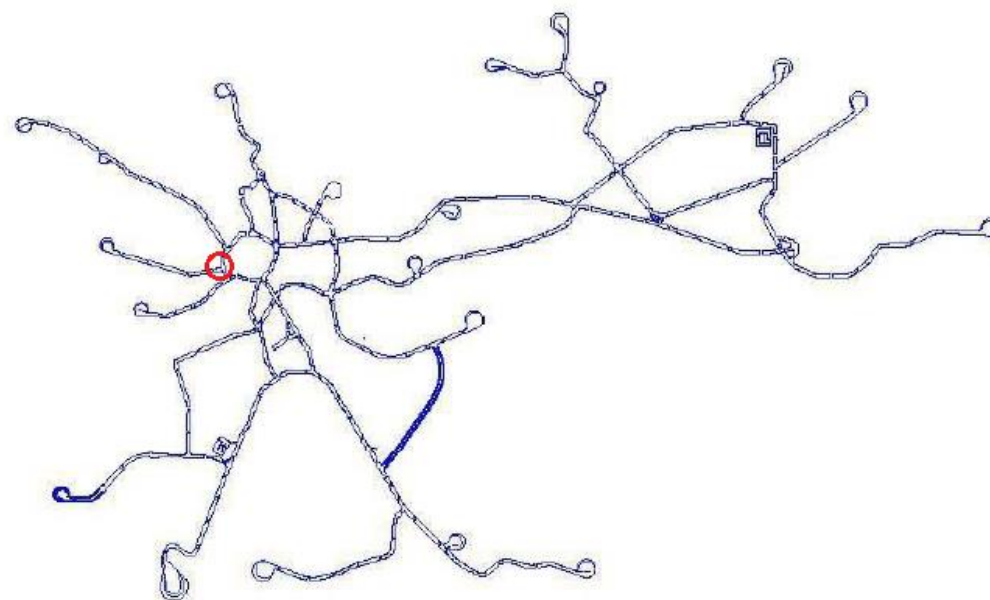
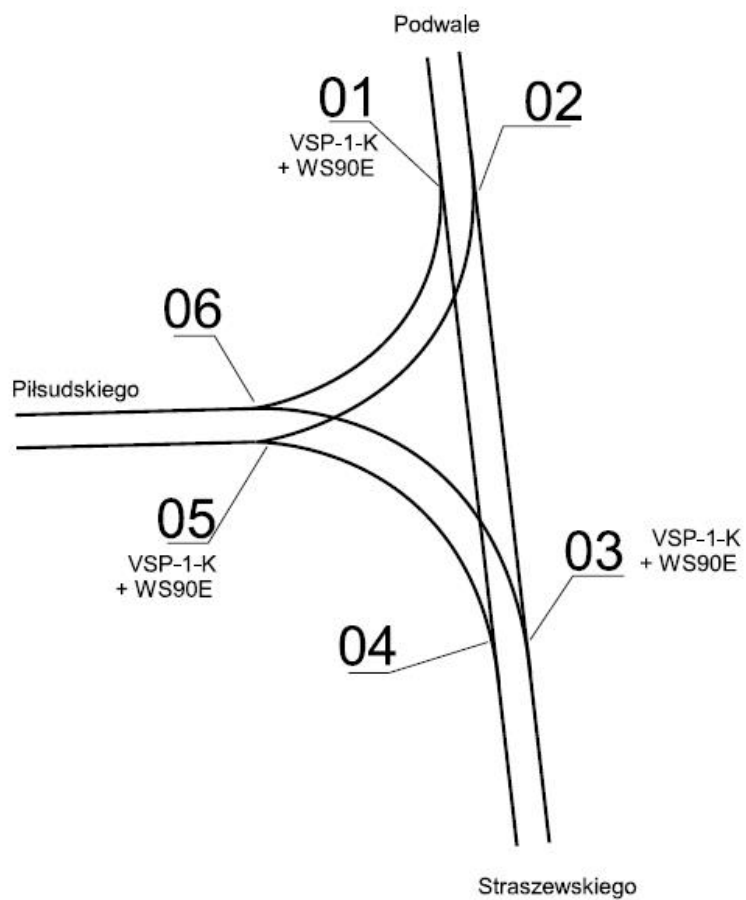
- **VSP-1-K** – napęd zwrotnicowy produkcji Pražská strojírna a.s.
- **WS90E** – sterownik zwrotnic tramwajowych
- **S3C-S** – sterownik zwrotnic tramwajowych pojedynczy
- **S3C-D** – sterownik zwrotnic tramwajowych podwójny
- **H&K** – system sterowania zwrotnicami firmy Hanning & Kahl
- **EEA-6 + SNT-1** – system sterowania zwrotnicami firmy ADtranz
- „stary typ” – napęd zwrotnicowy bez systemów kontroli i zabezpieczeń
- „nowy typ” – napęd z blokadą torową



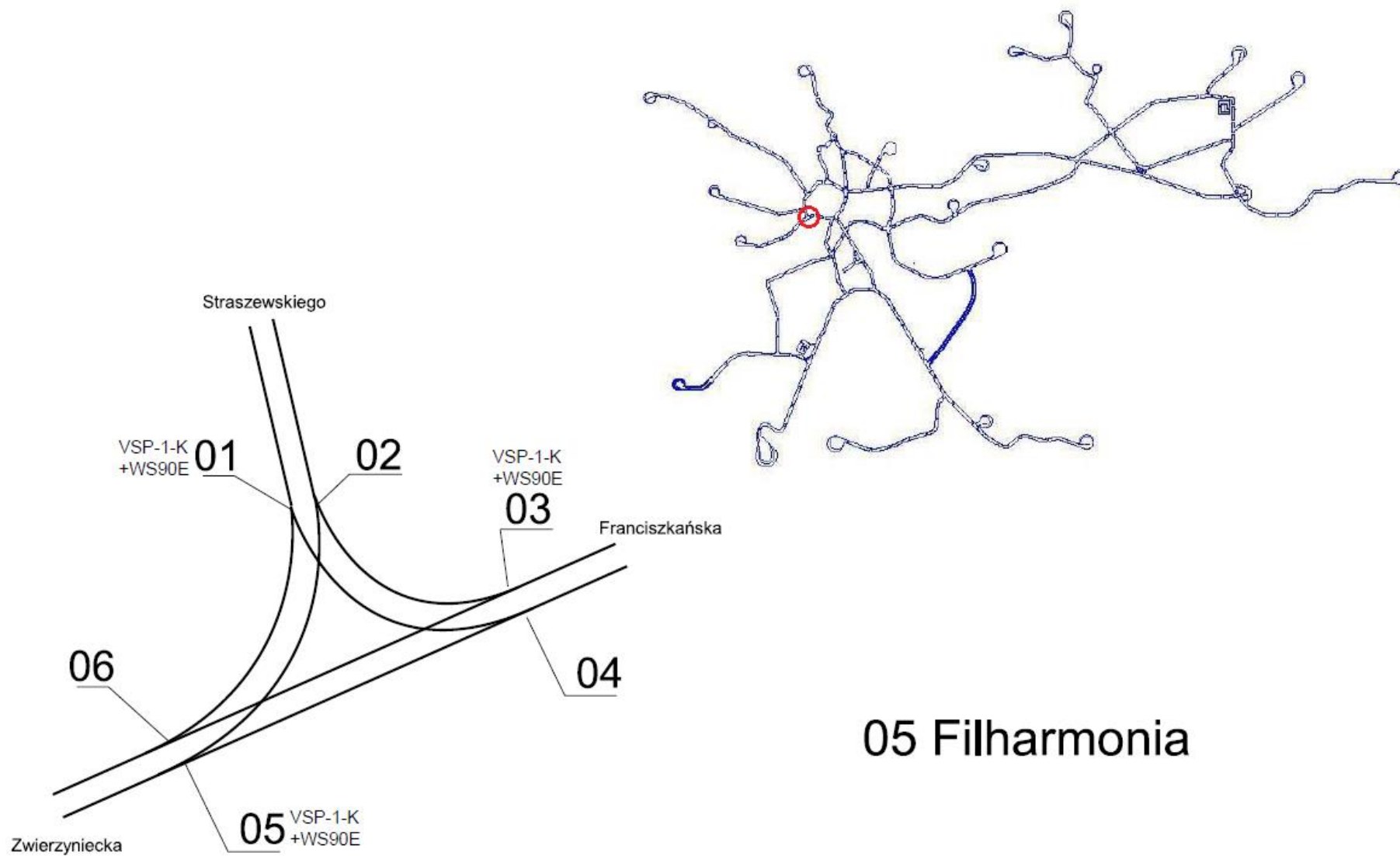




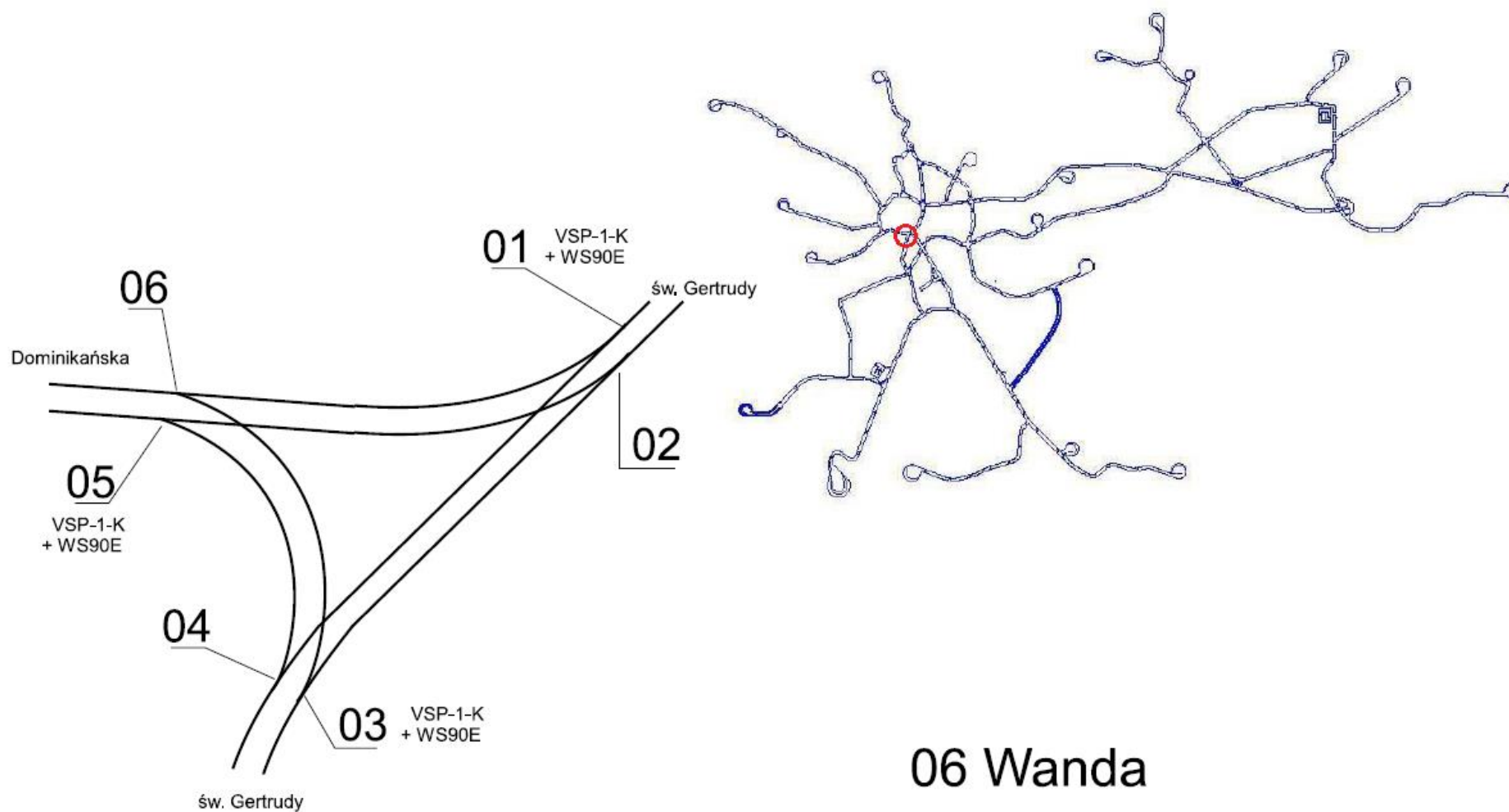
03 Bagatela



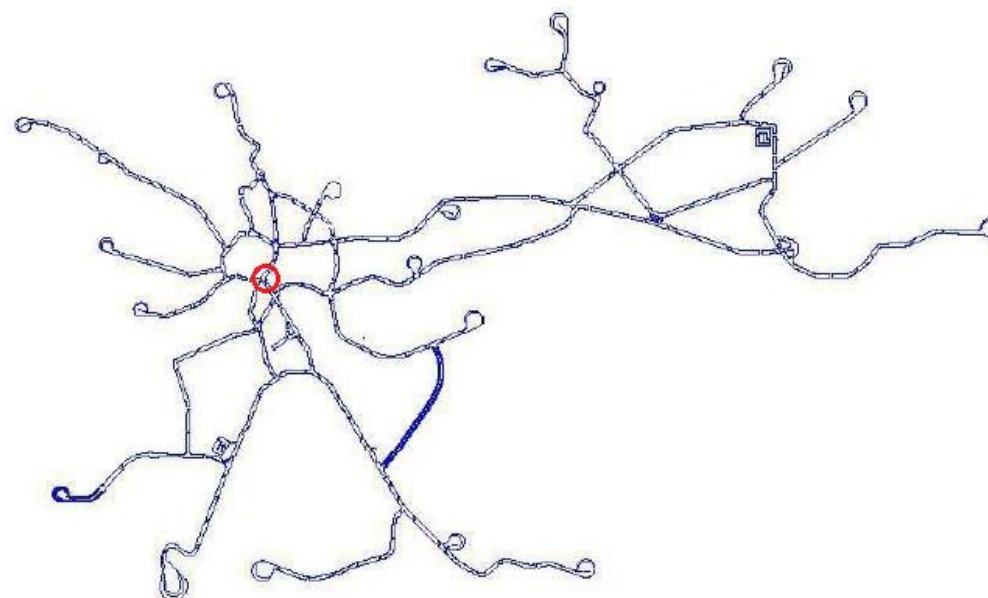
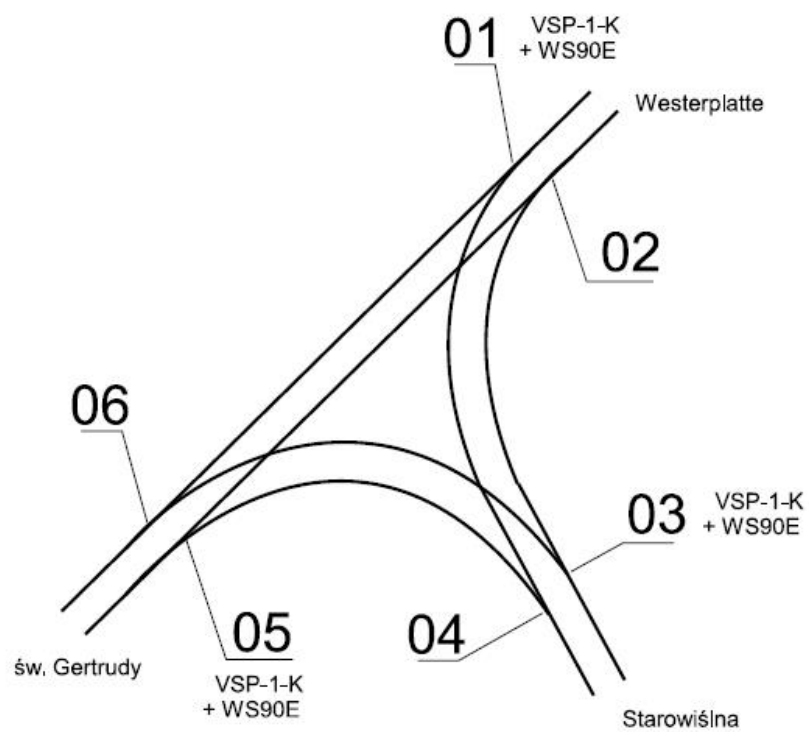
04 Uniwersytet



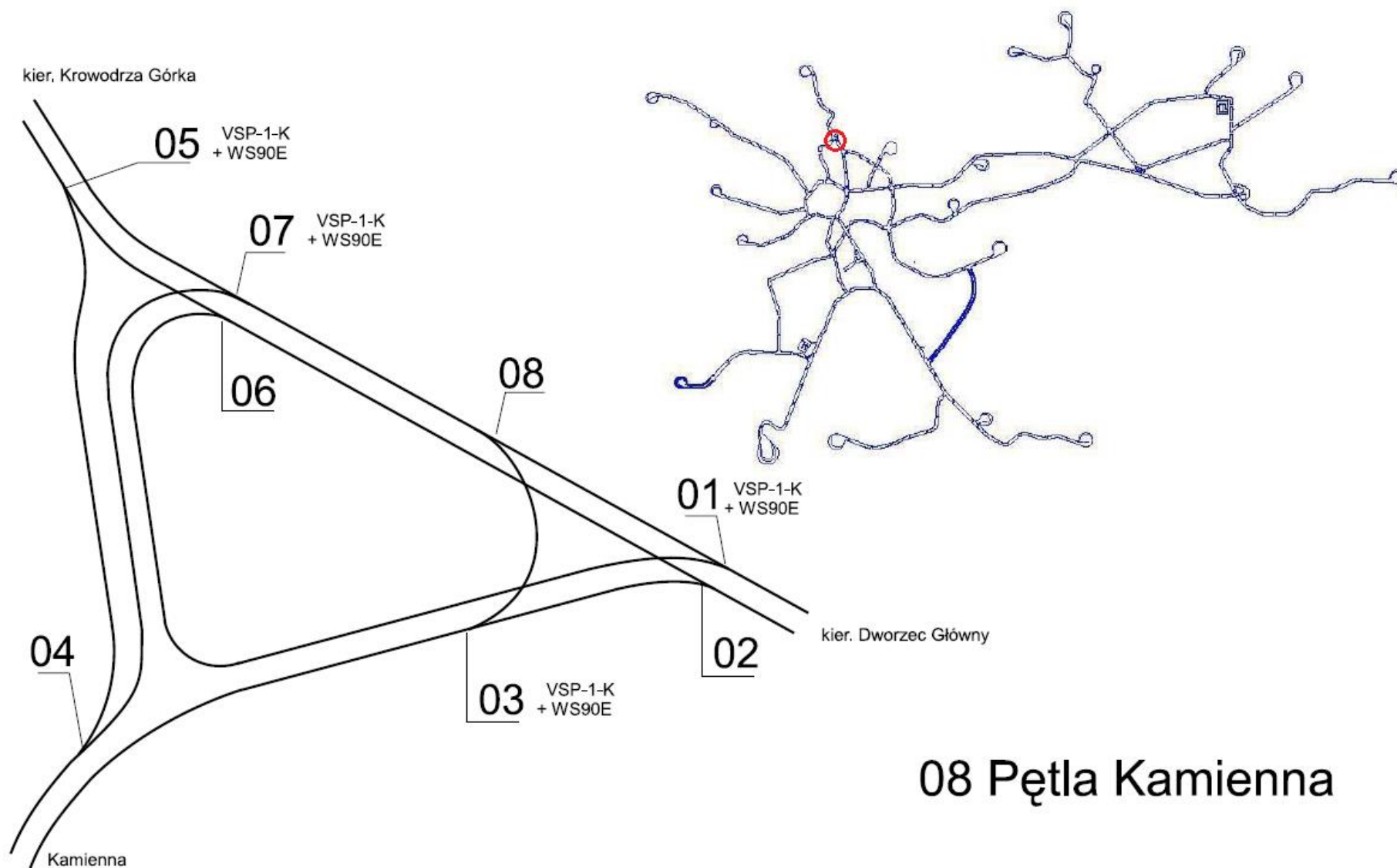
05 Filharmonia



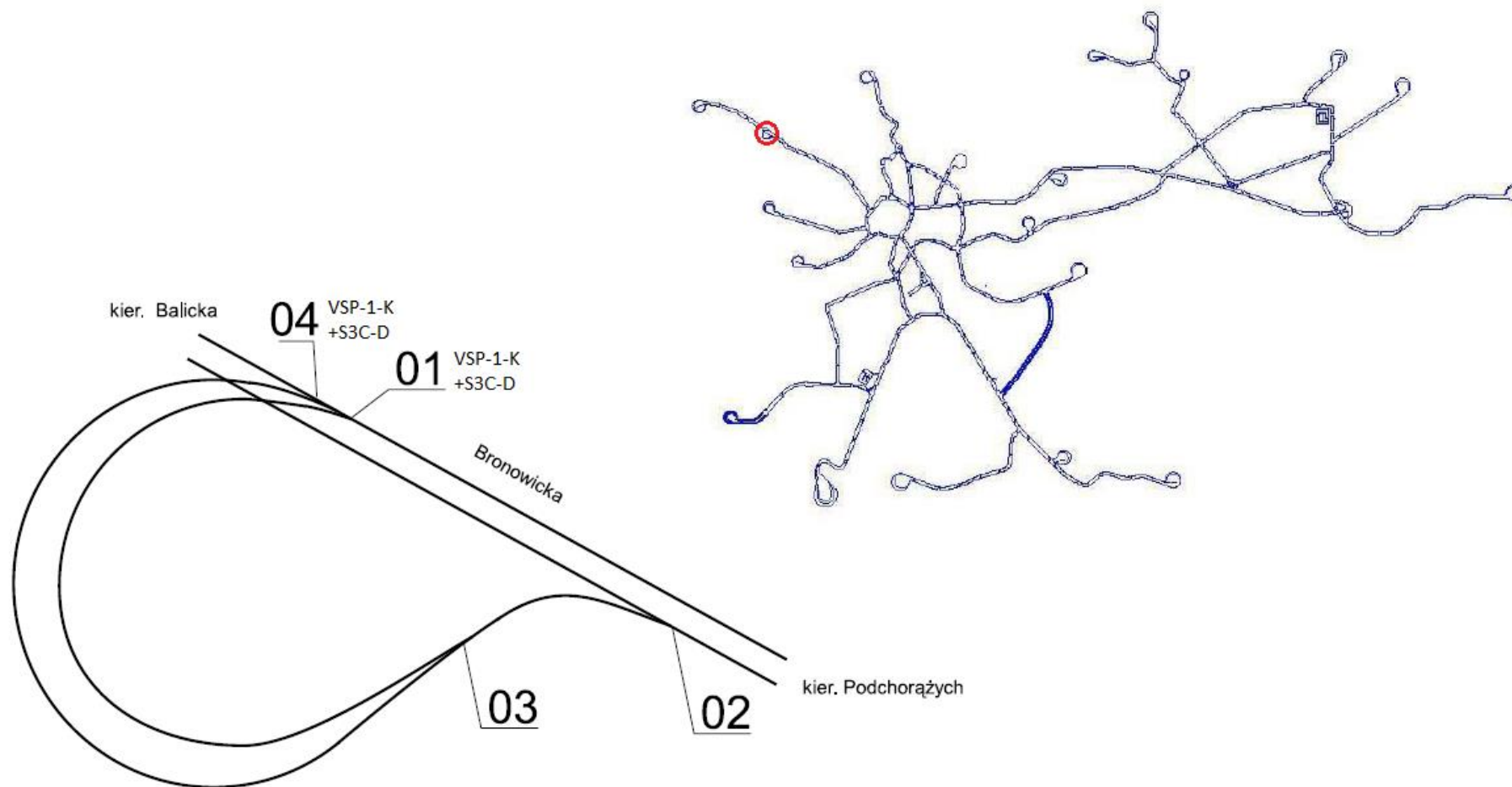
06 Wanda



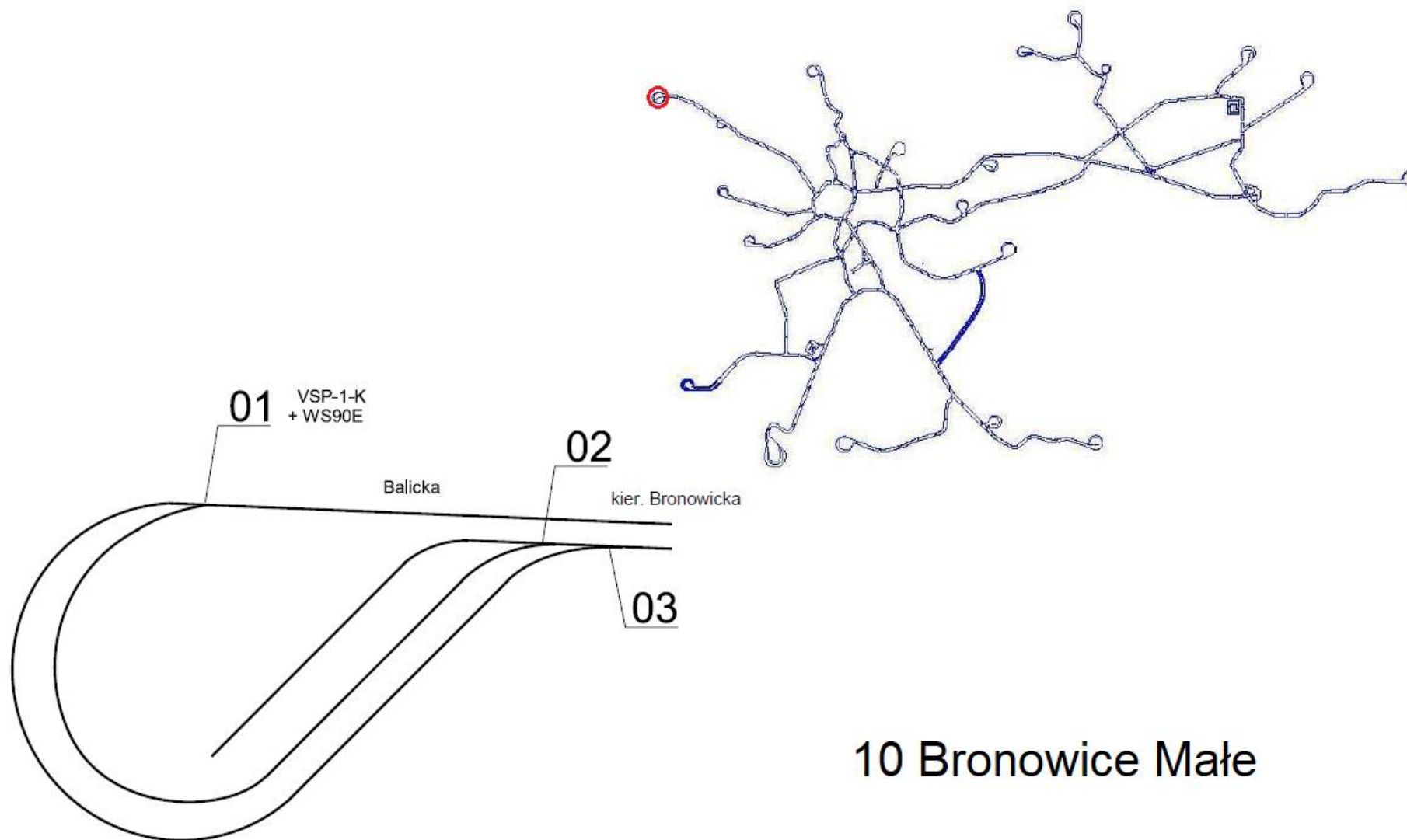
07 Poczta



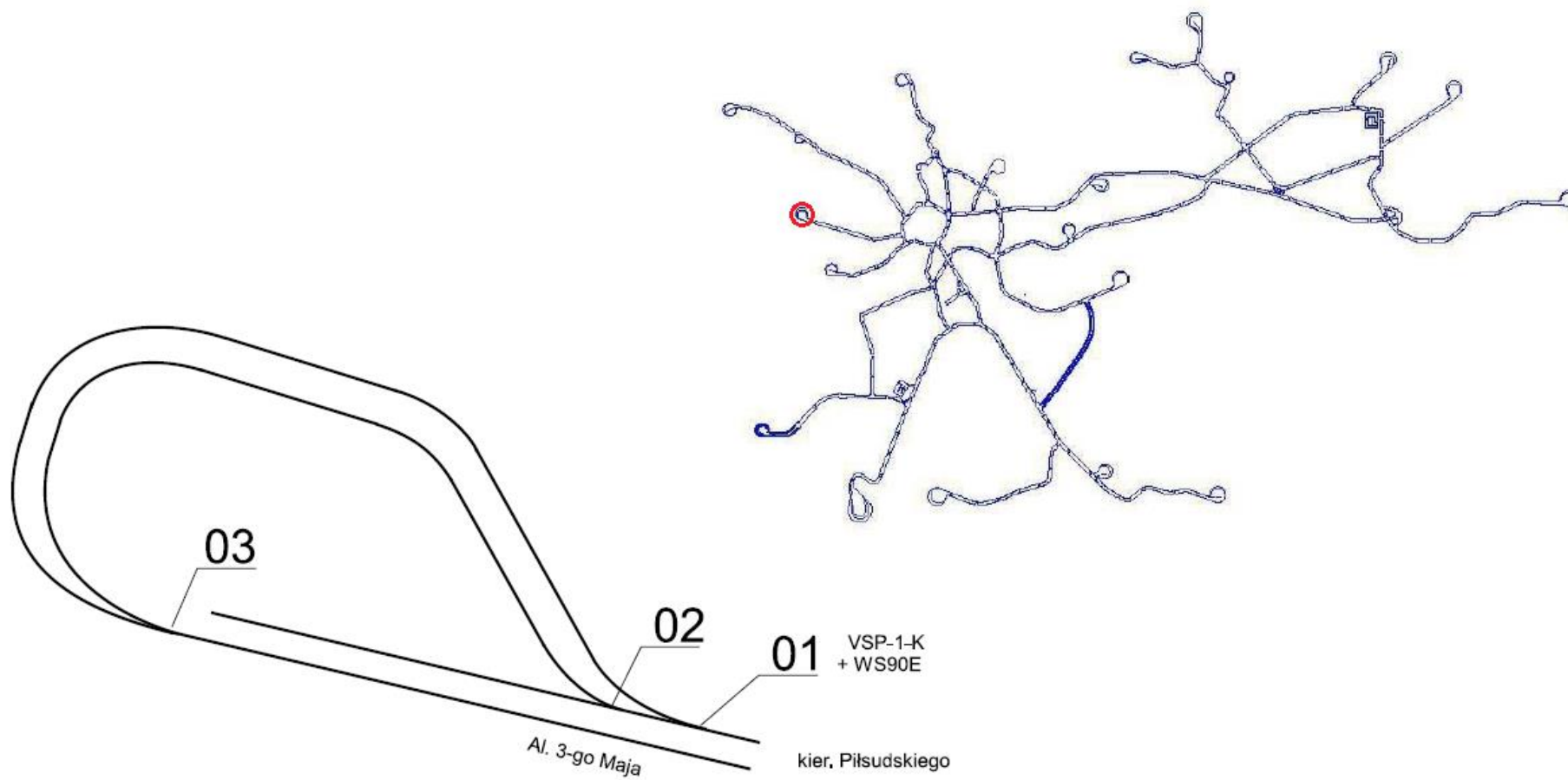
08 Pętla Kamienna



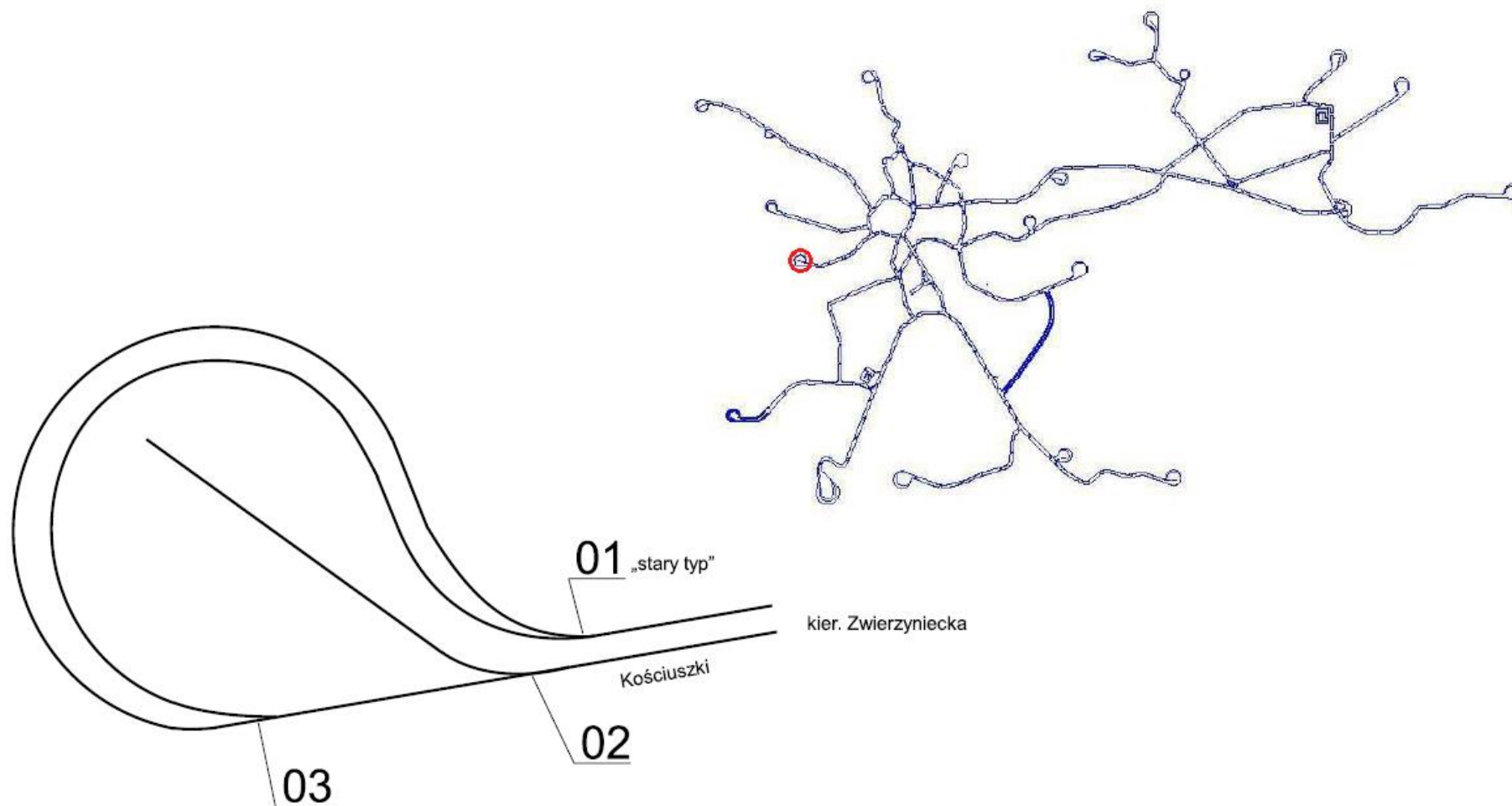
09 Bronowice



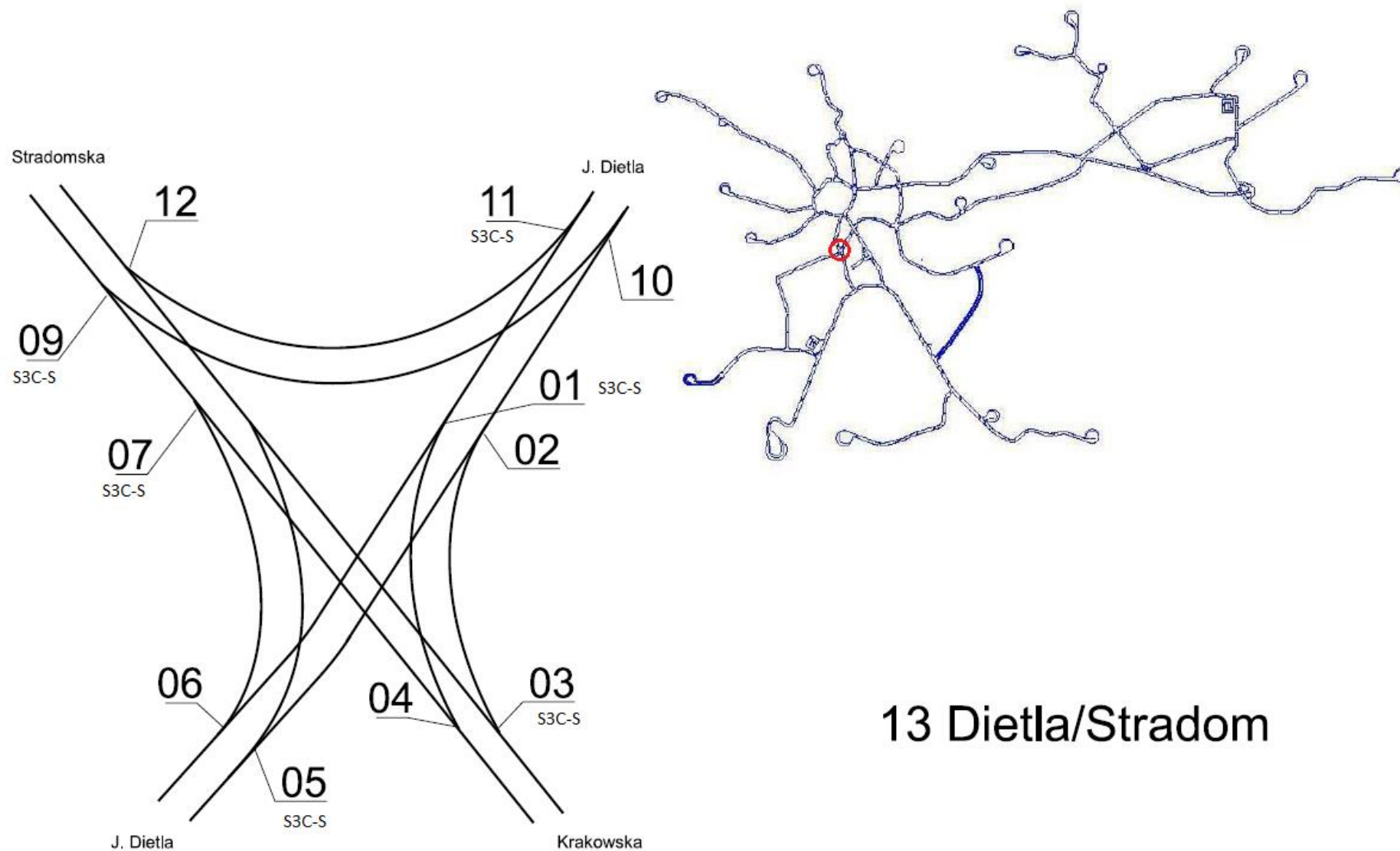
10 Bronowice Małe



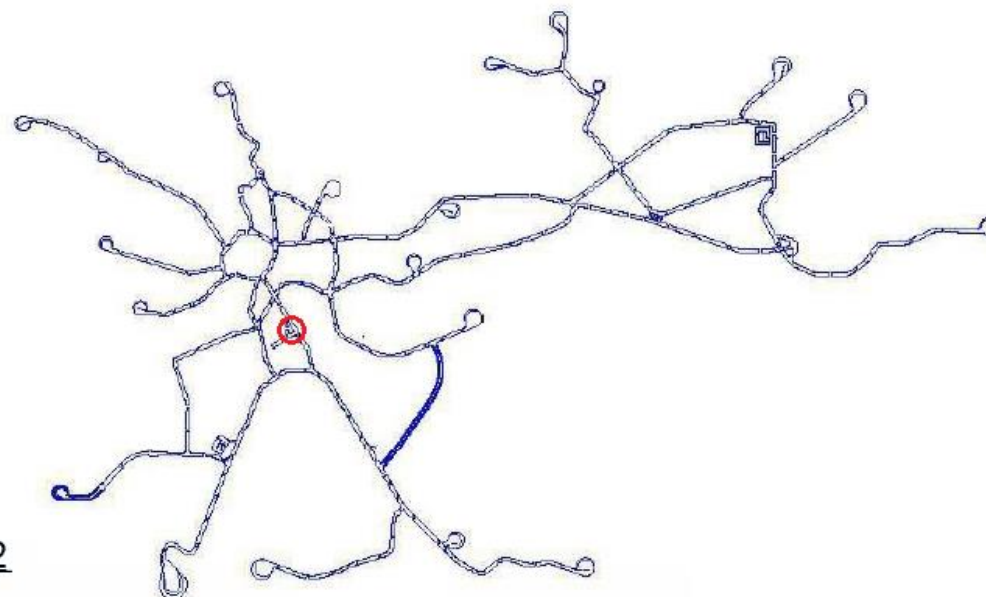
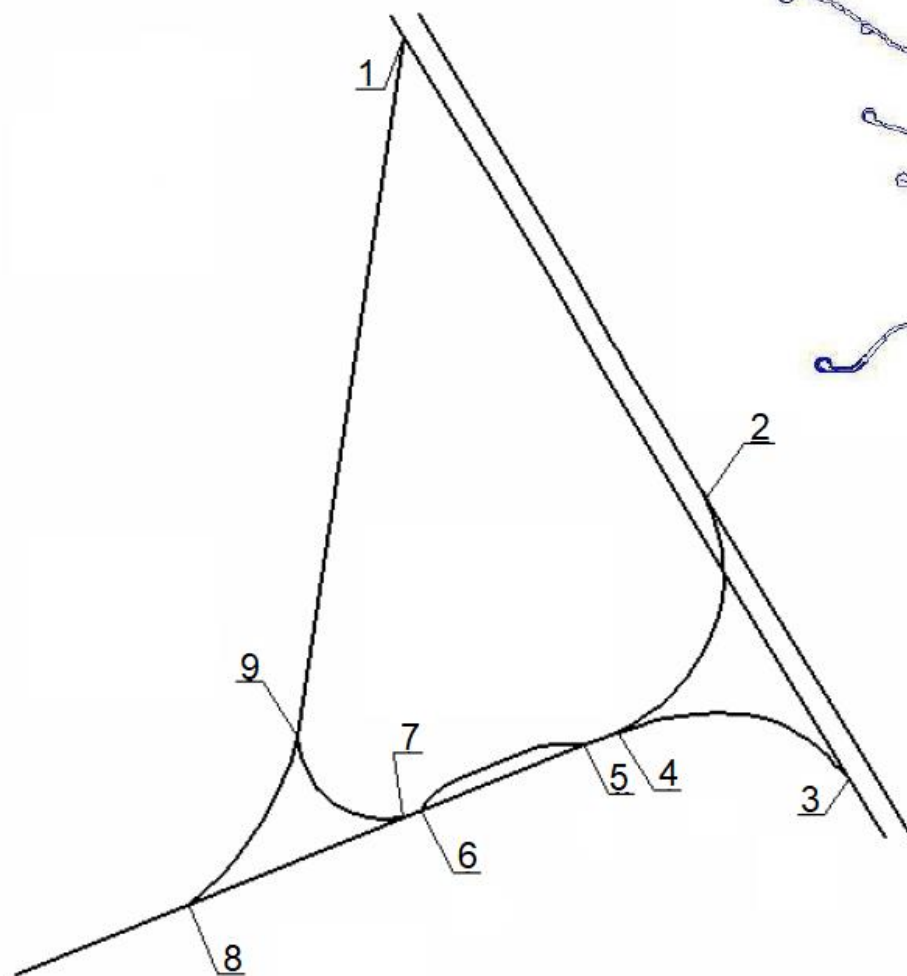
11 Cichy Kącik



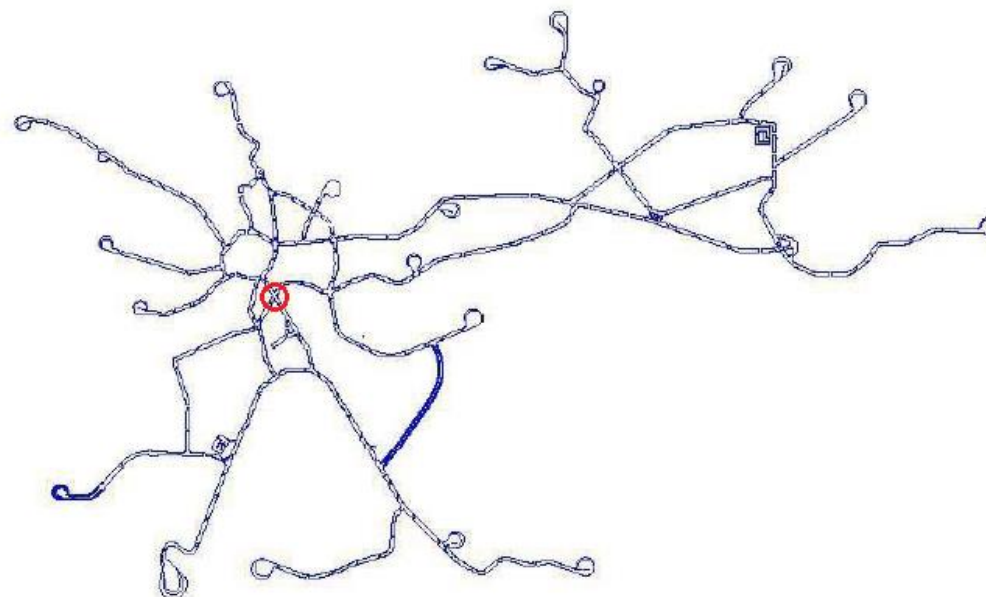
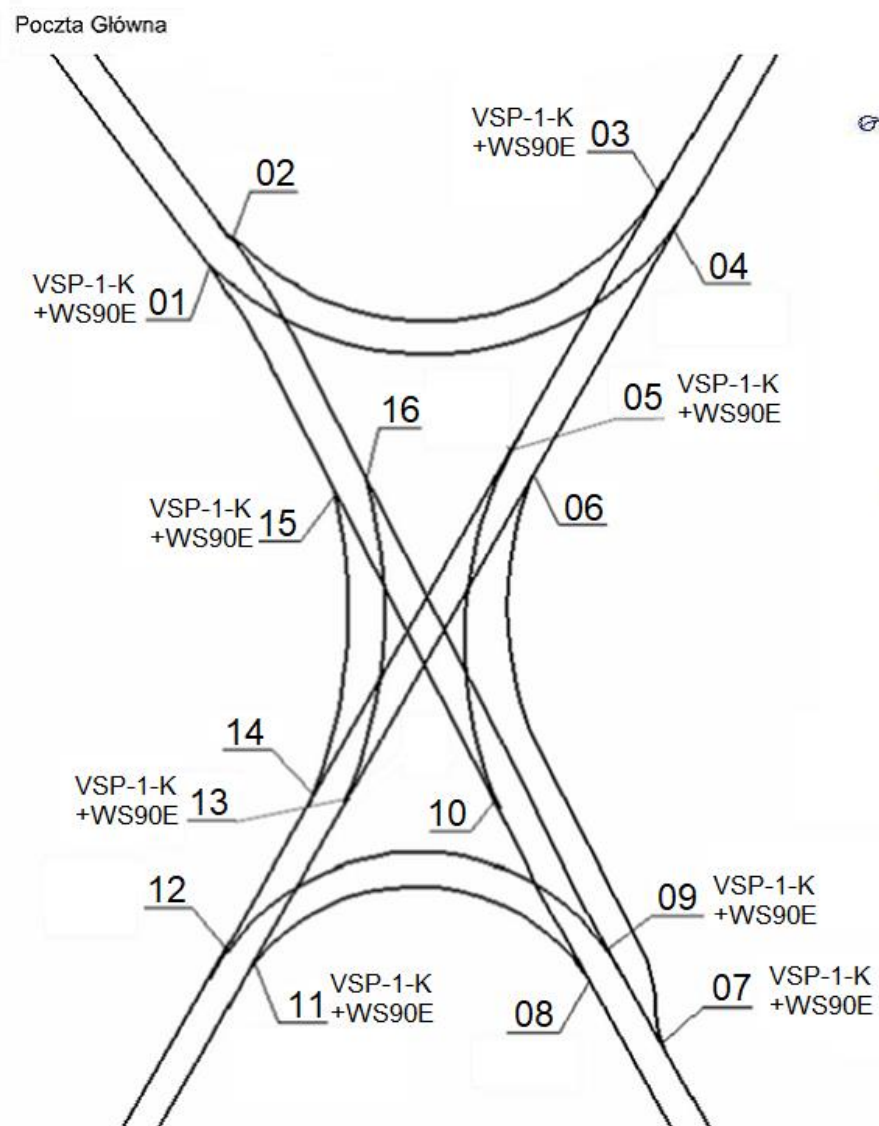
12 Salwator



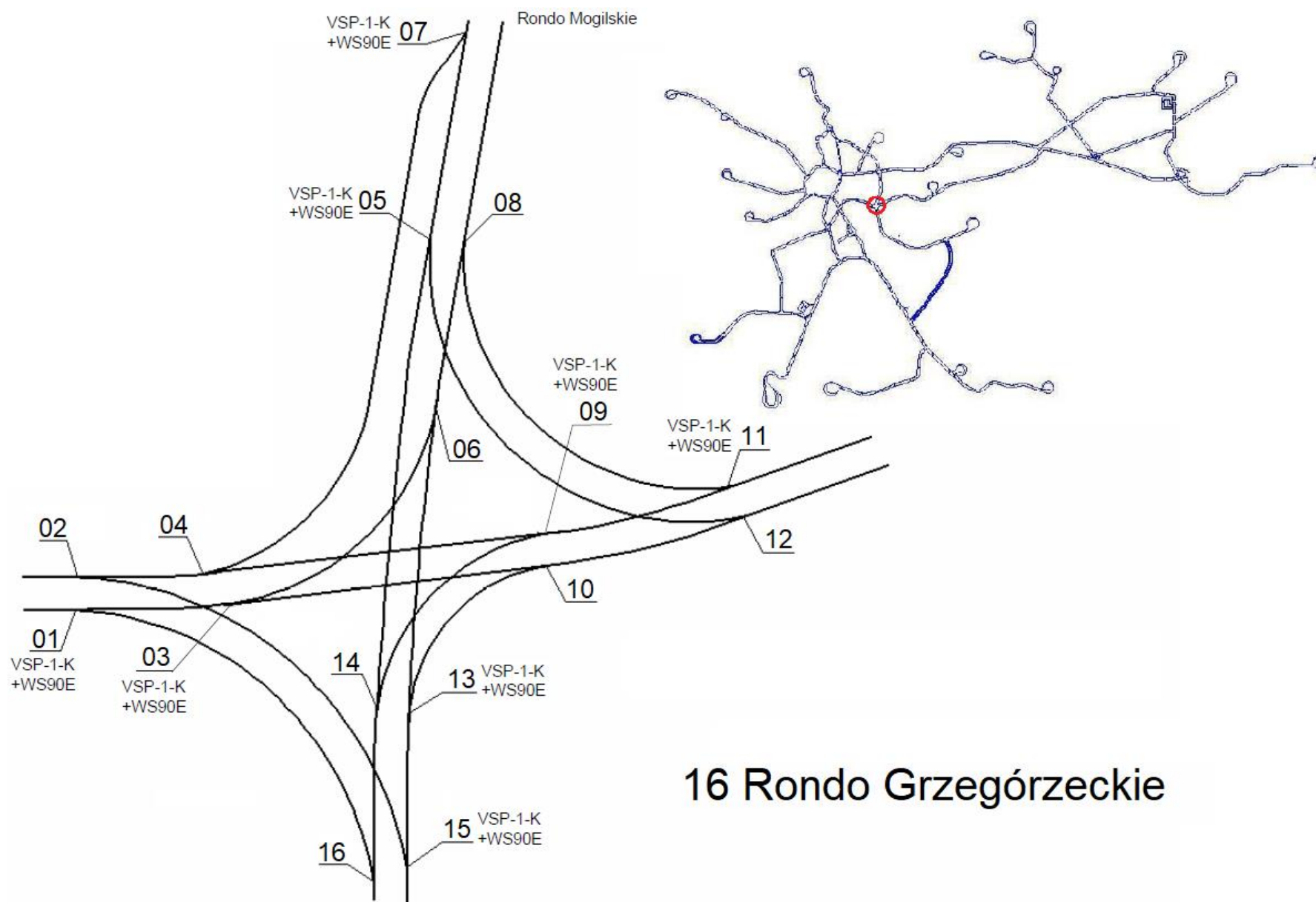
13 Dietla/Stradom

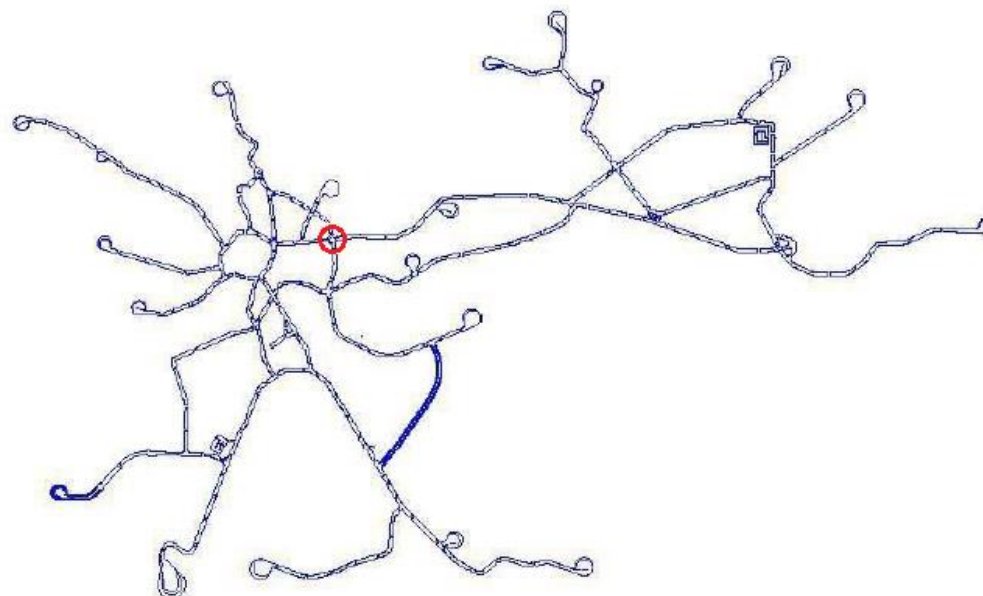
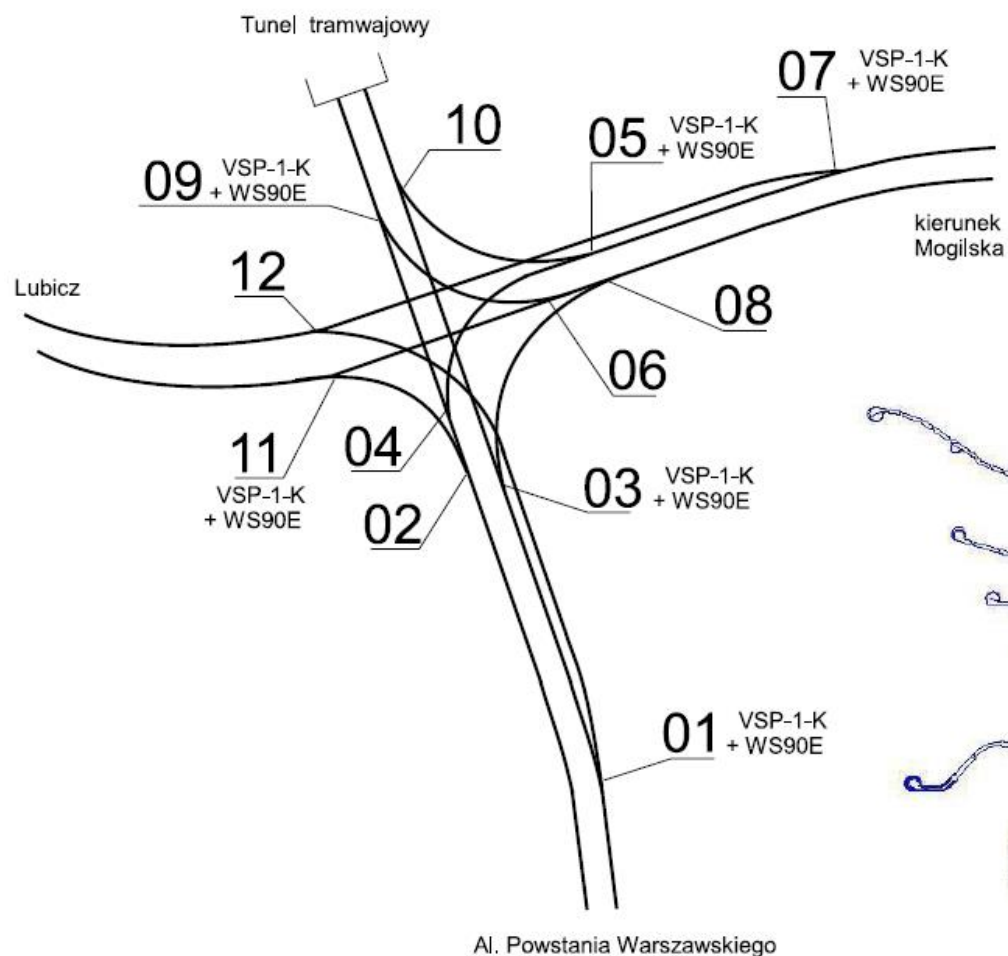


14 Dajwór

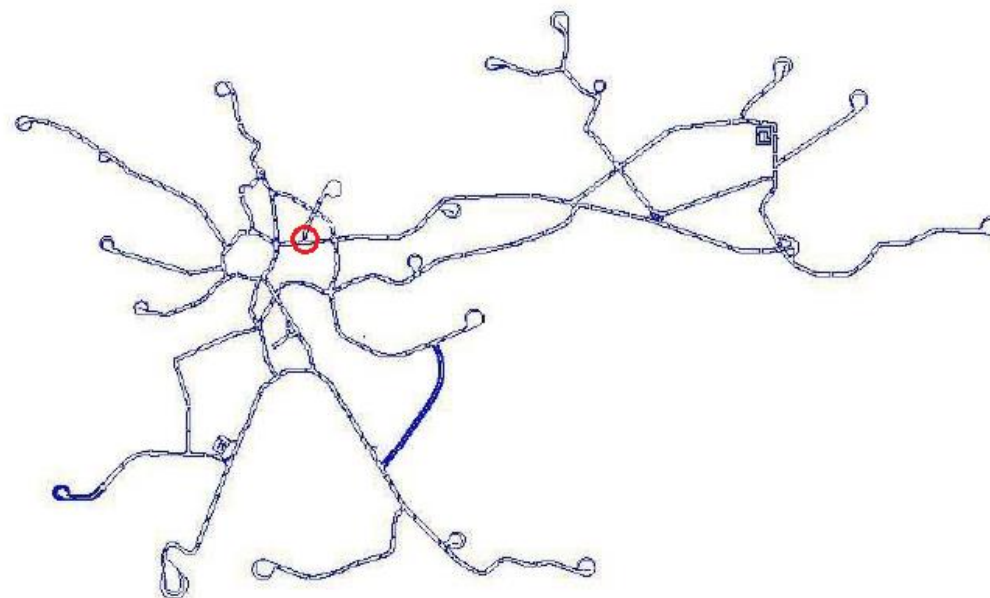
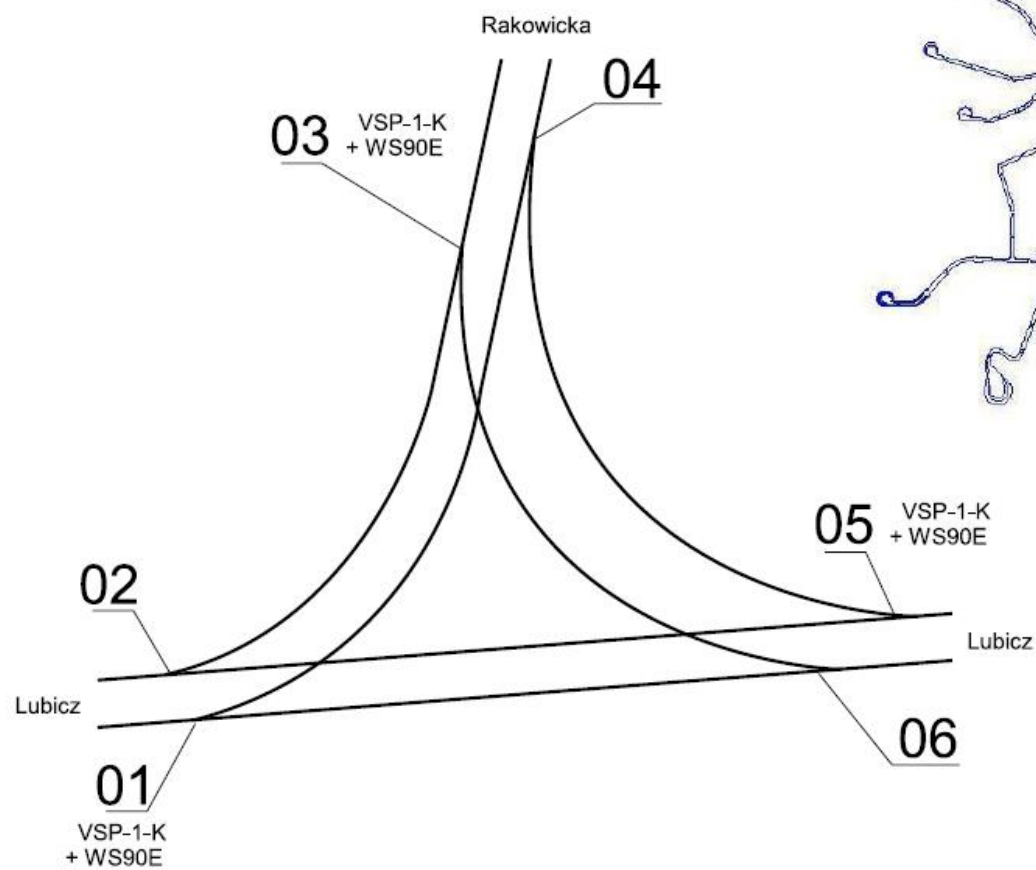


15 Dietla/Starowiślna

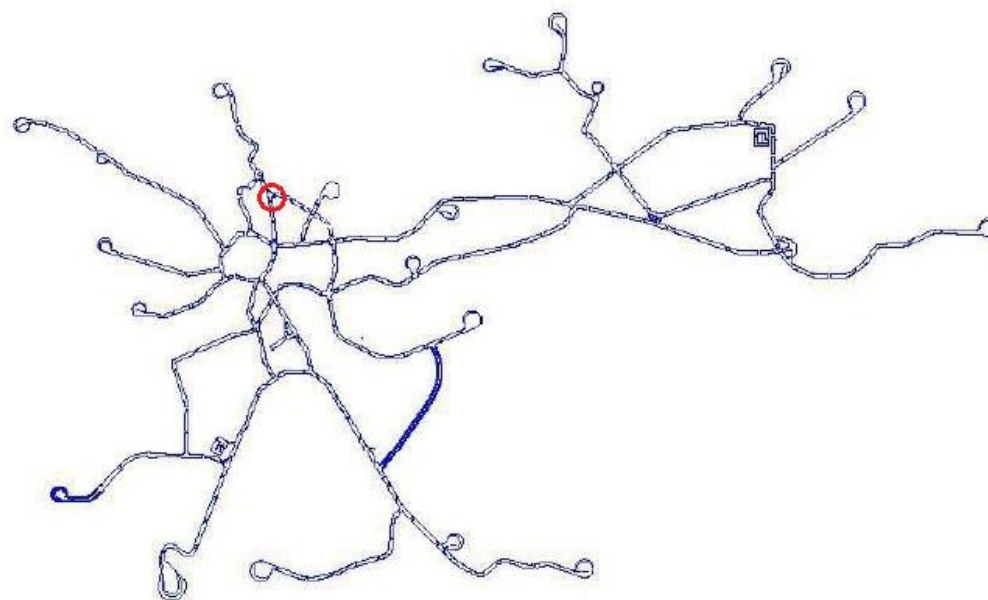
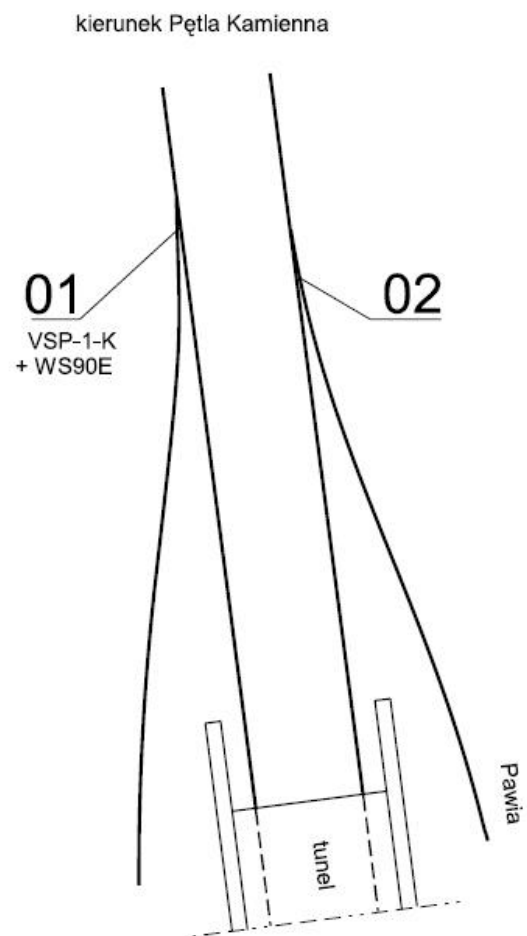




17 Rondo Mogilskie

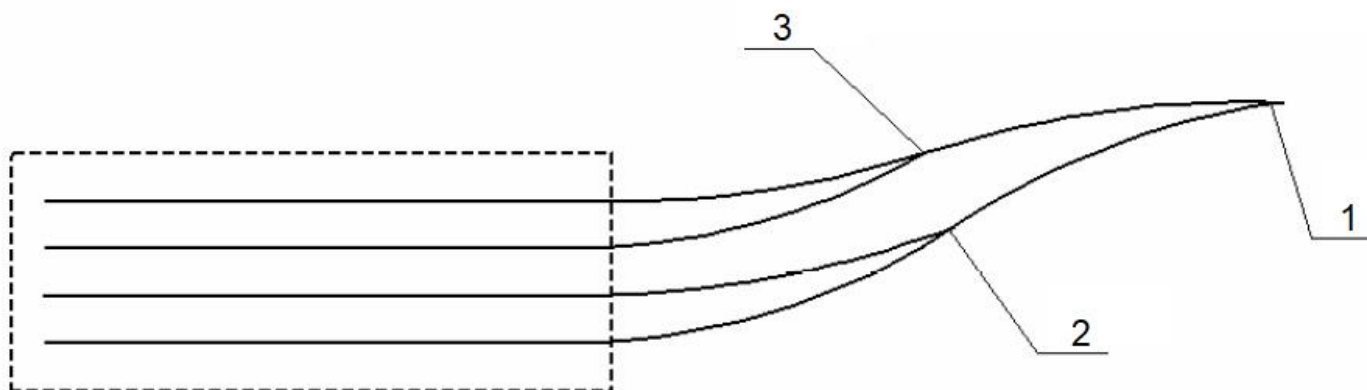
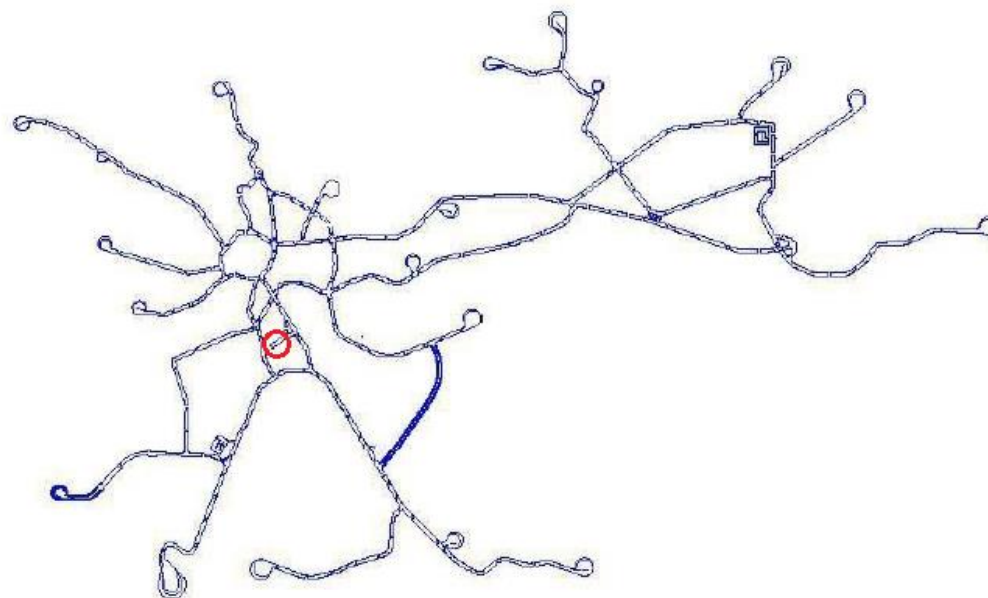


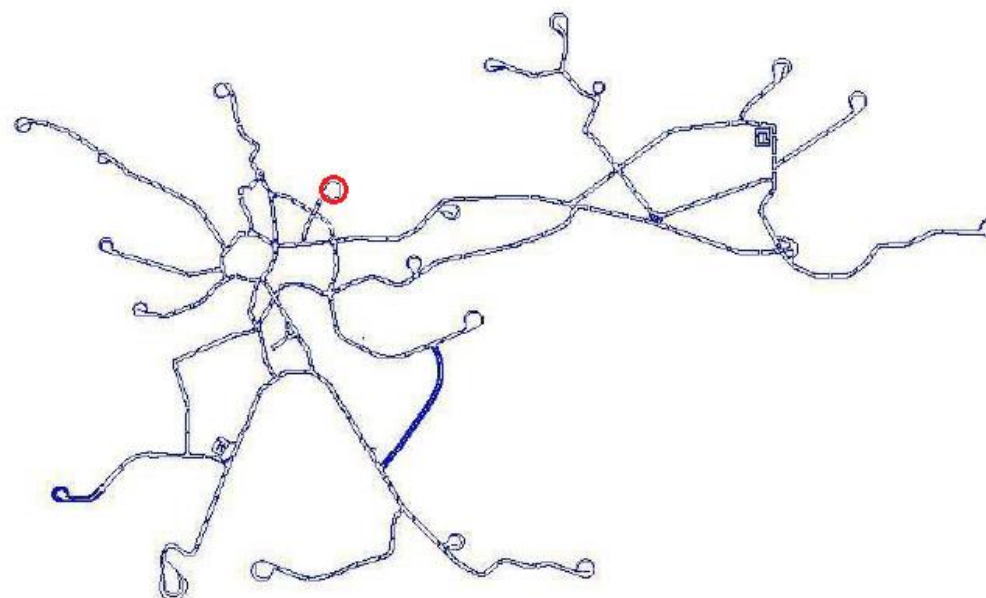
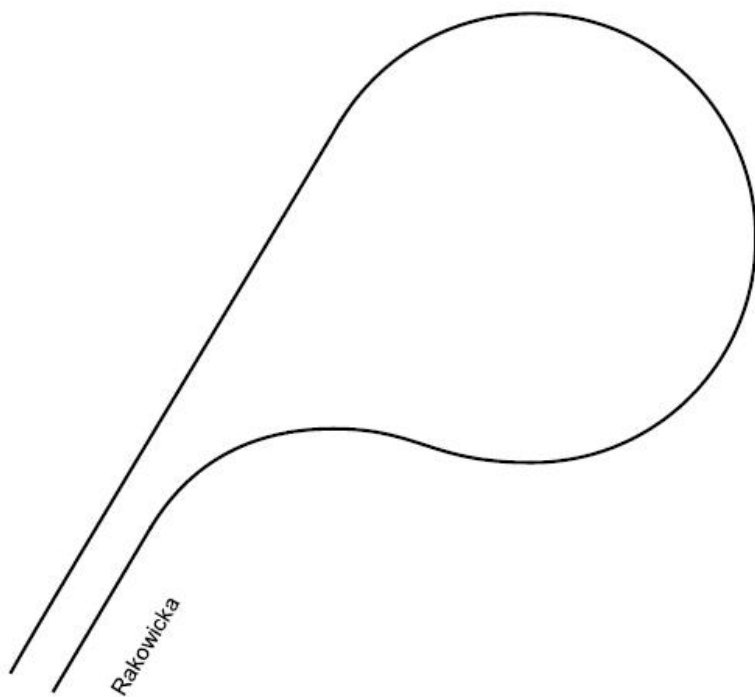
18 Lubicz/Rakowicka



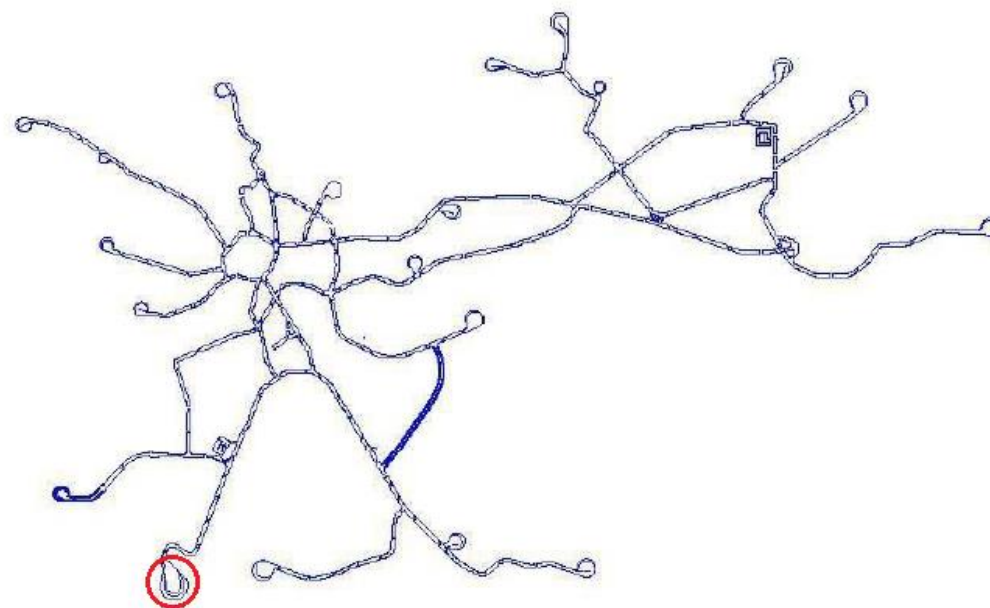
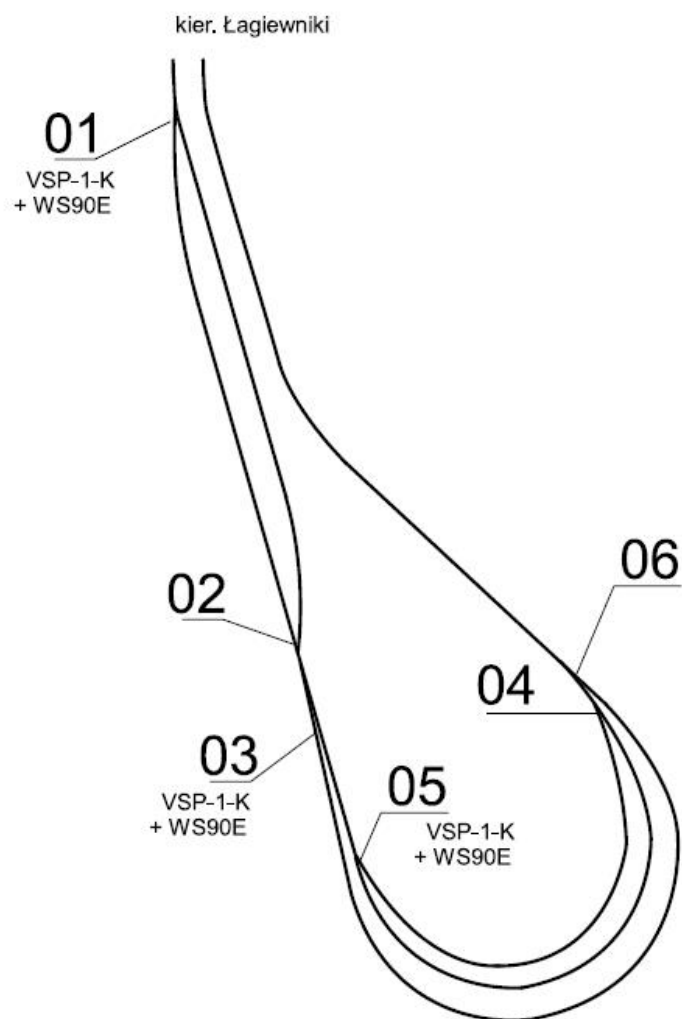
19 Pawia / KST

20 Wawrzyńca / Muzeum

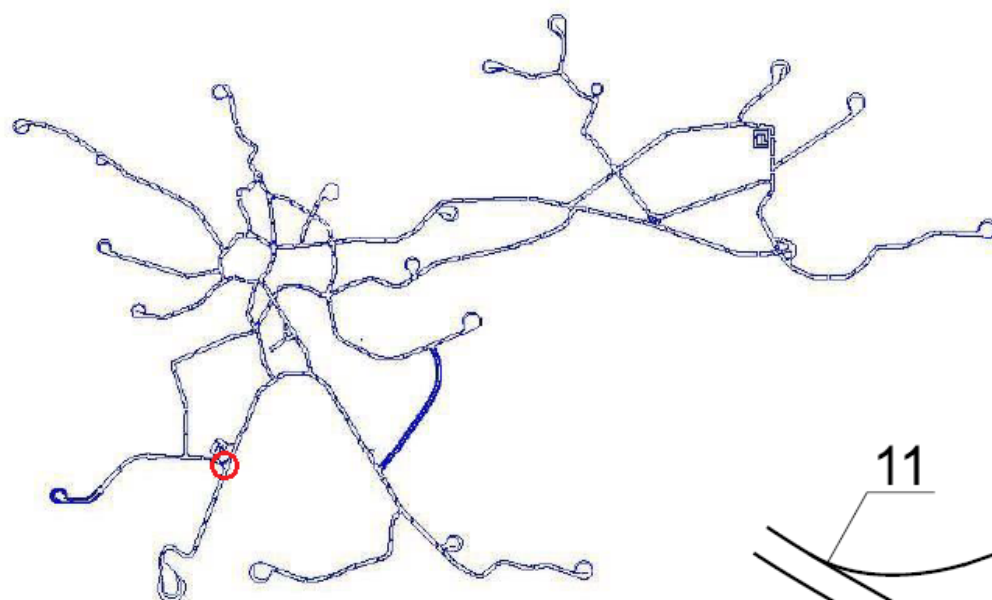




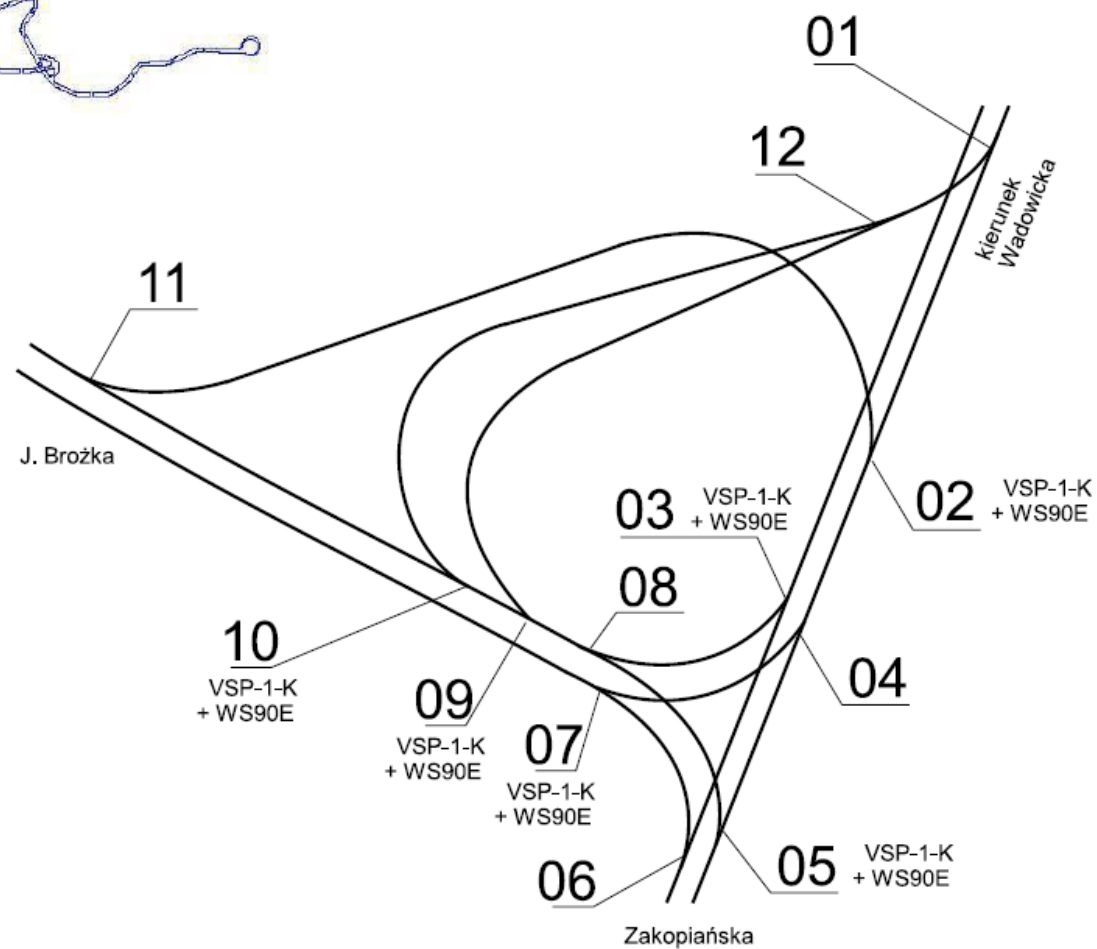
21 Pętla Rakowice

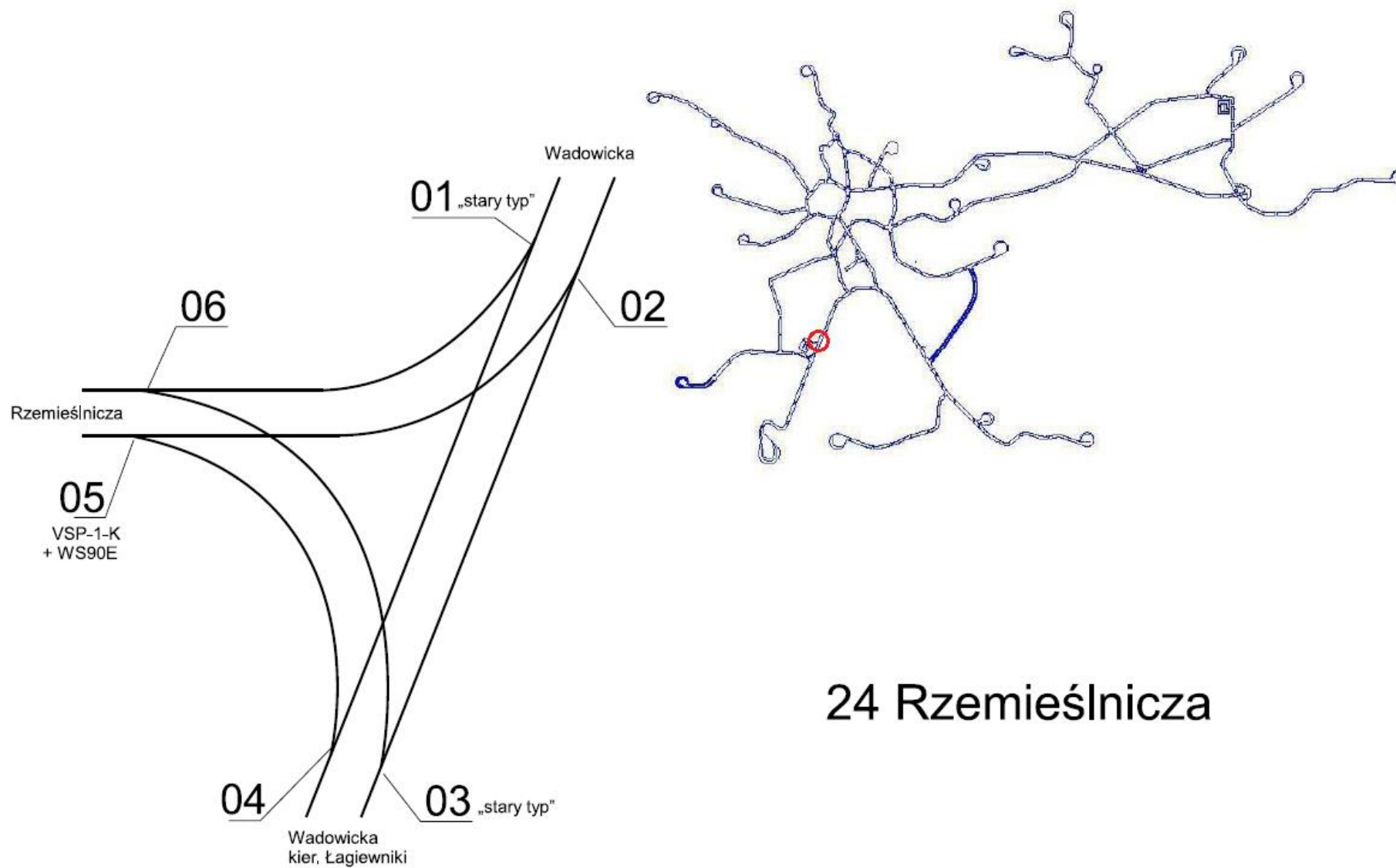


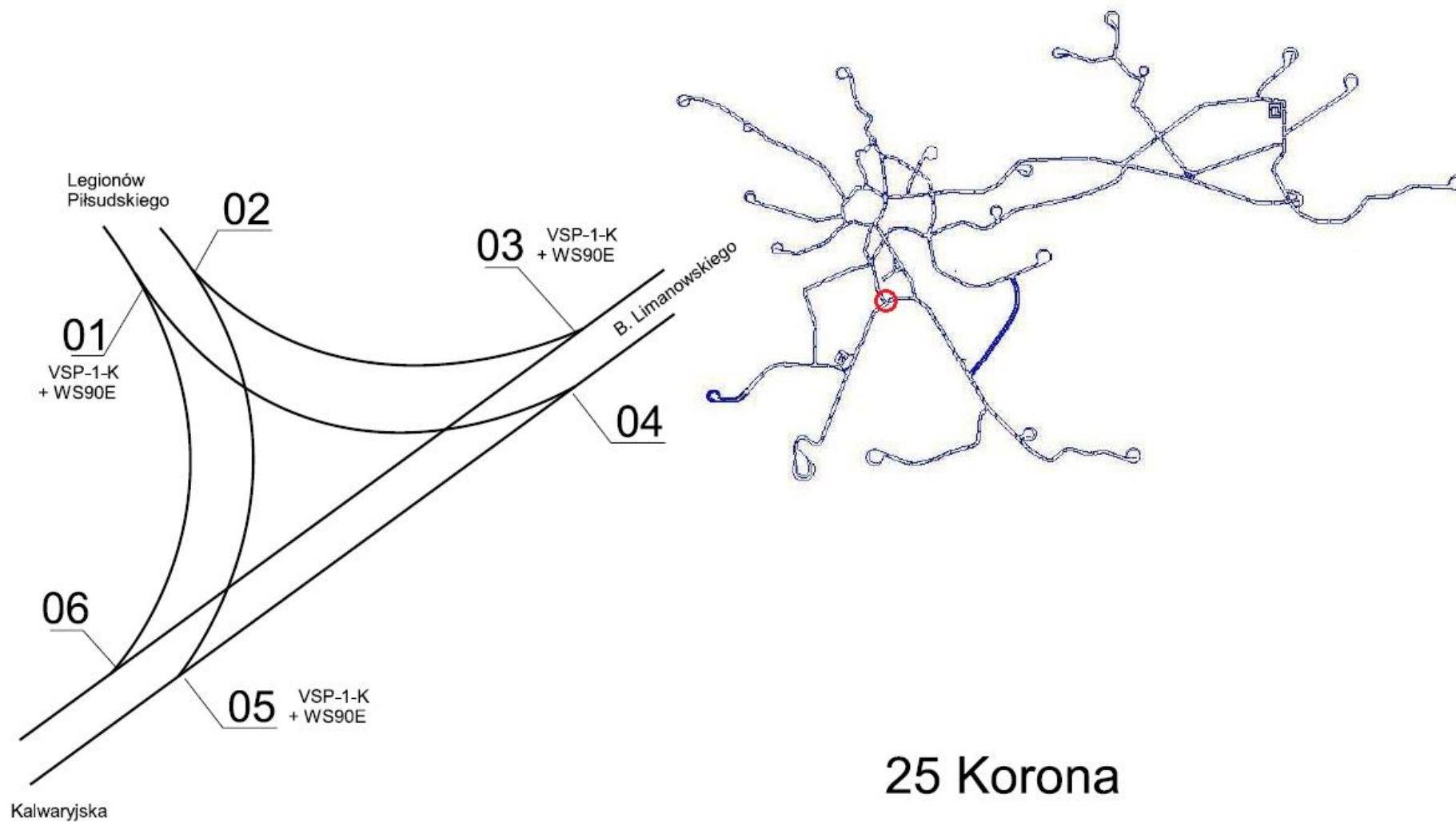
22 Borek Fałęcki

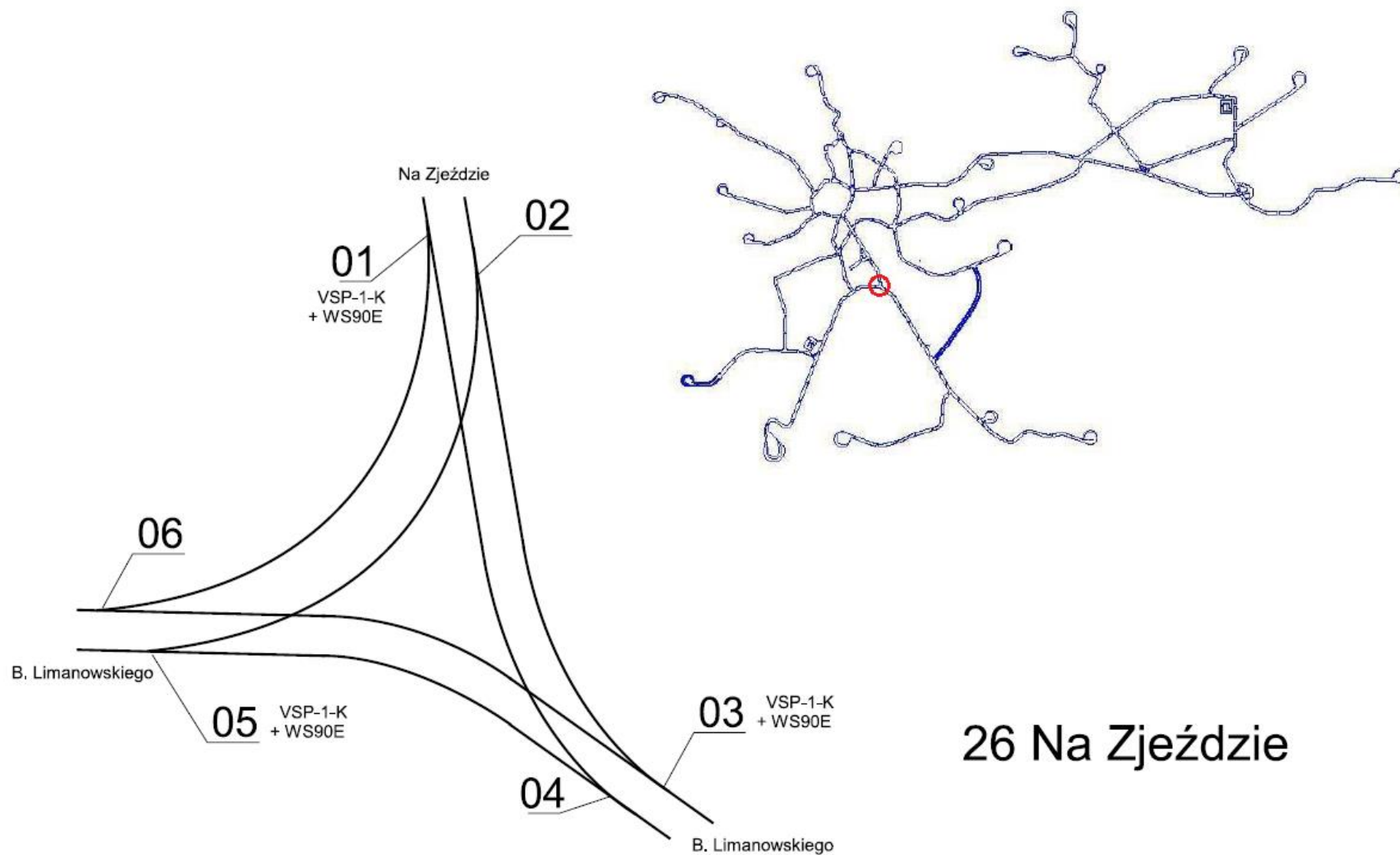


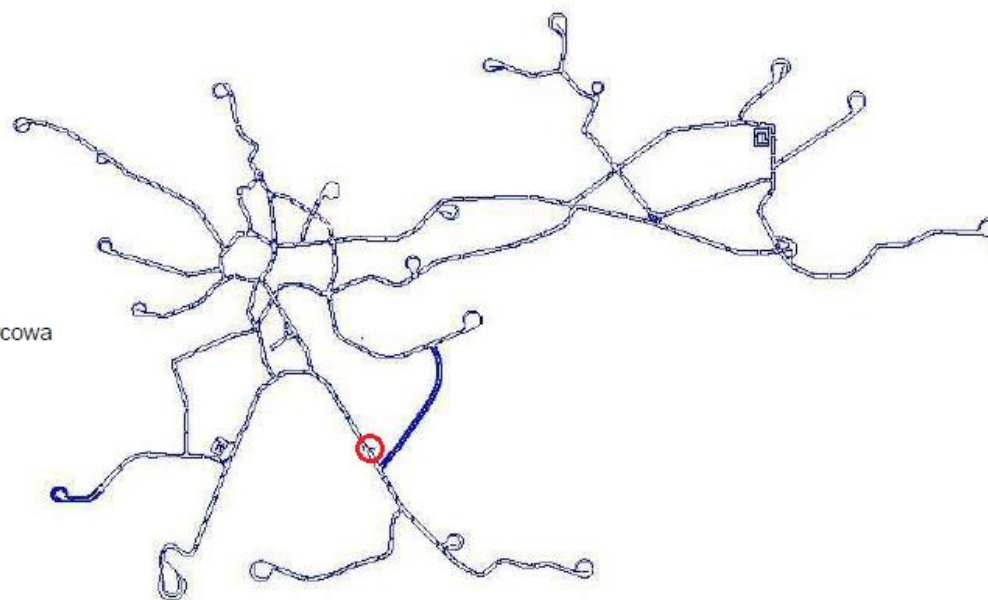
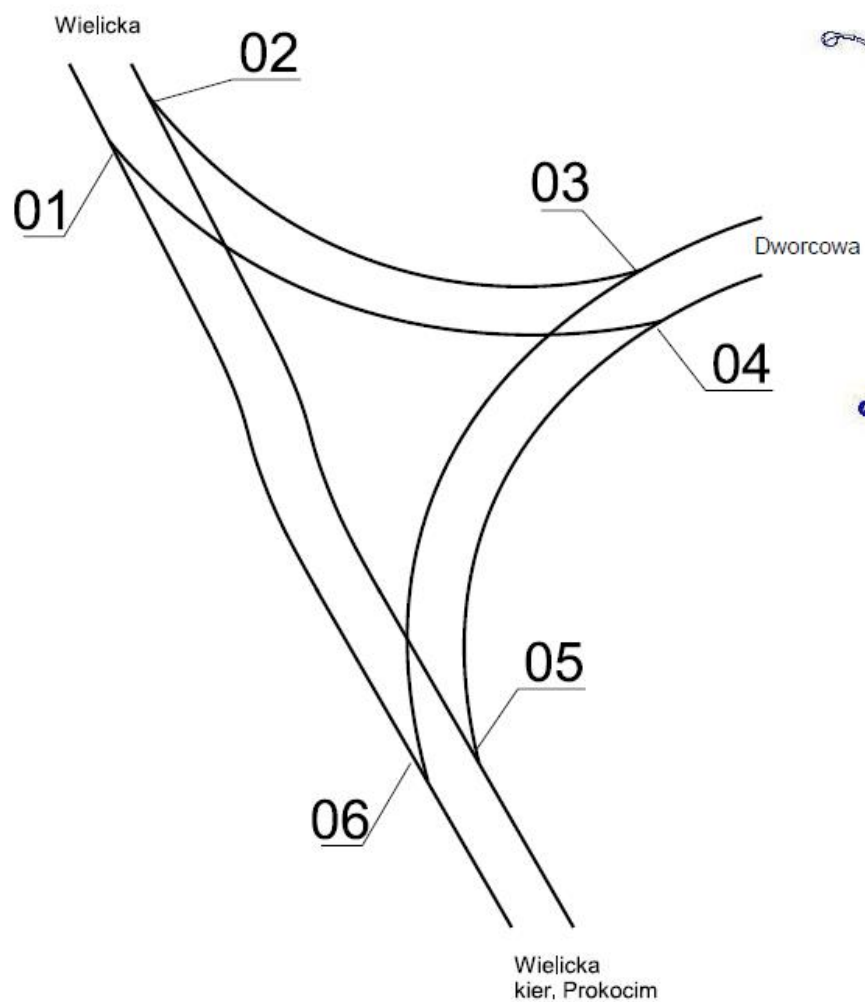
23 Łagiewniki



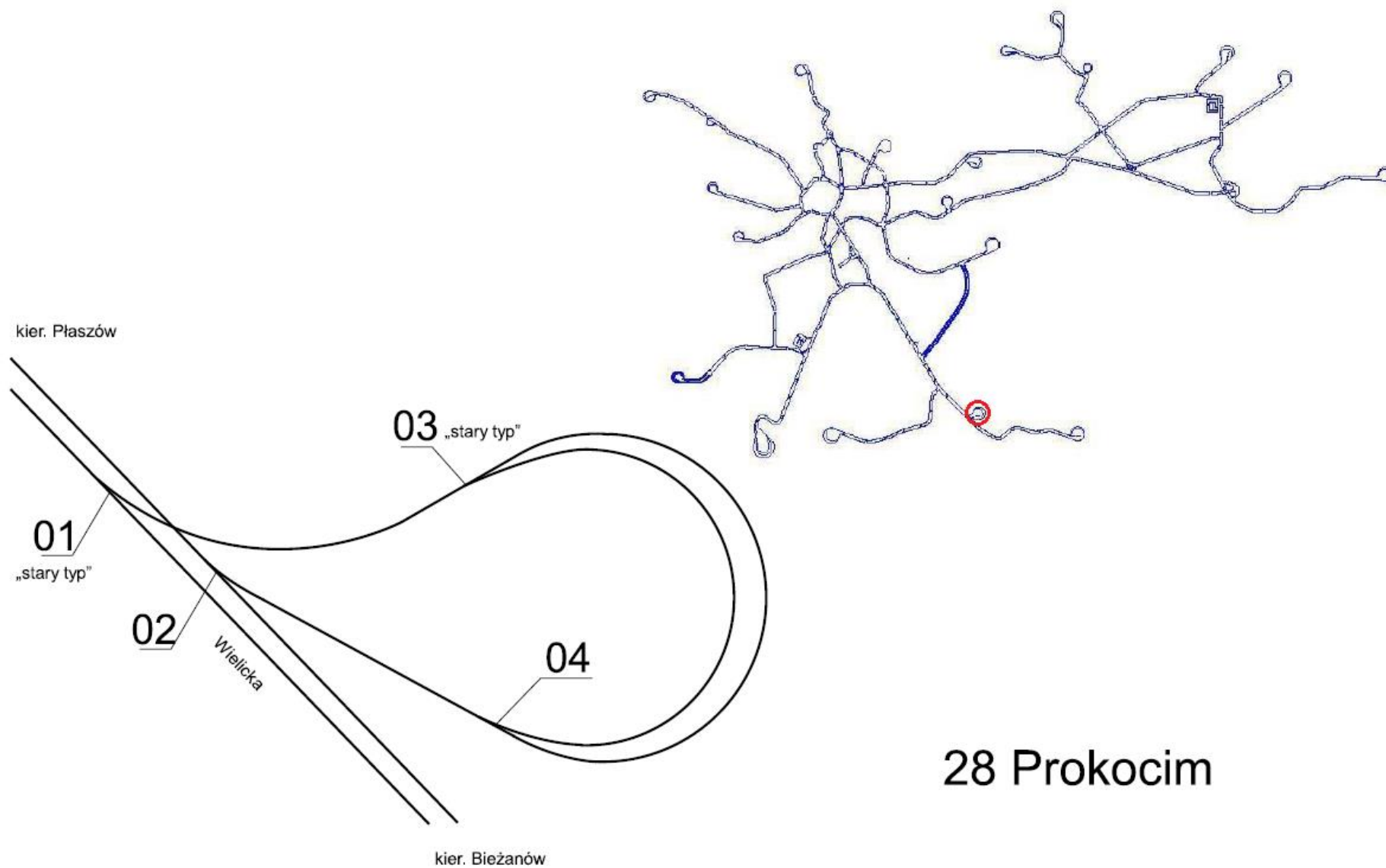




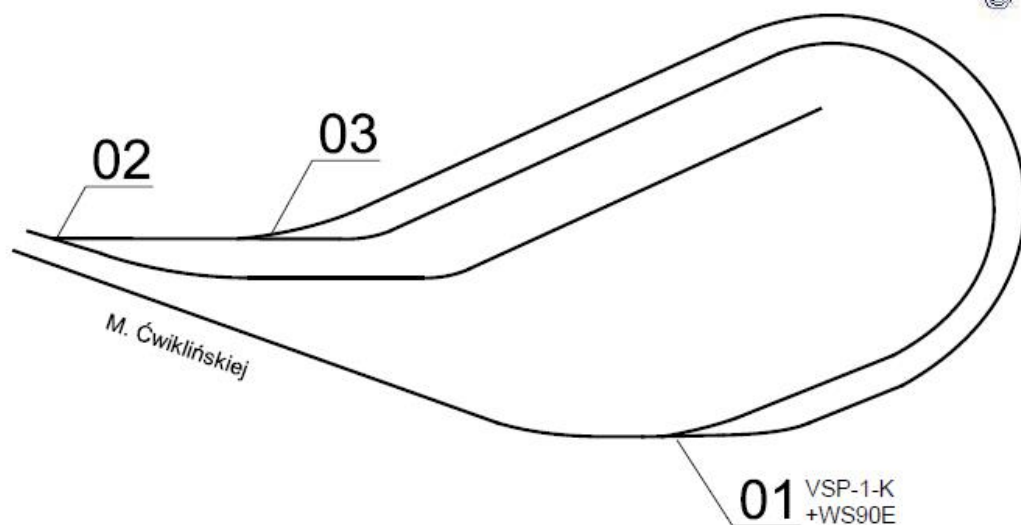
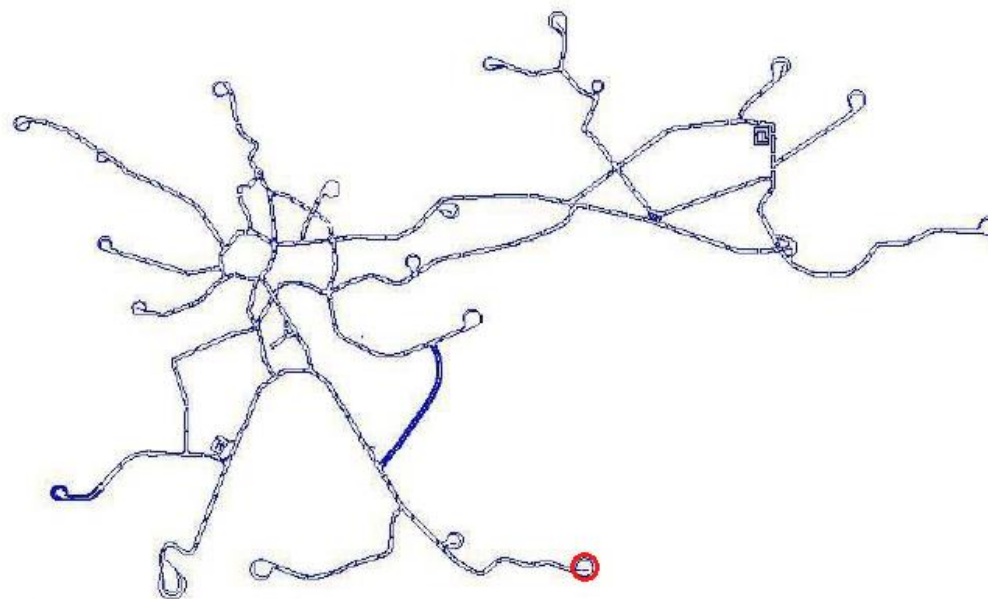




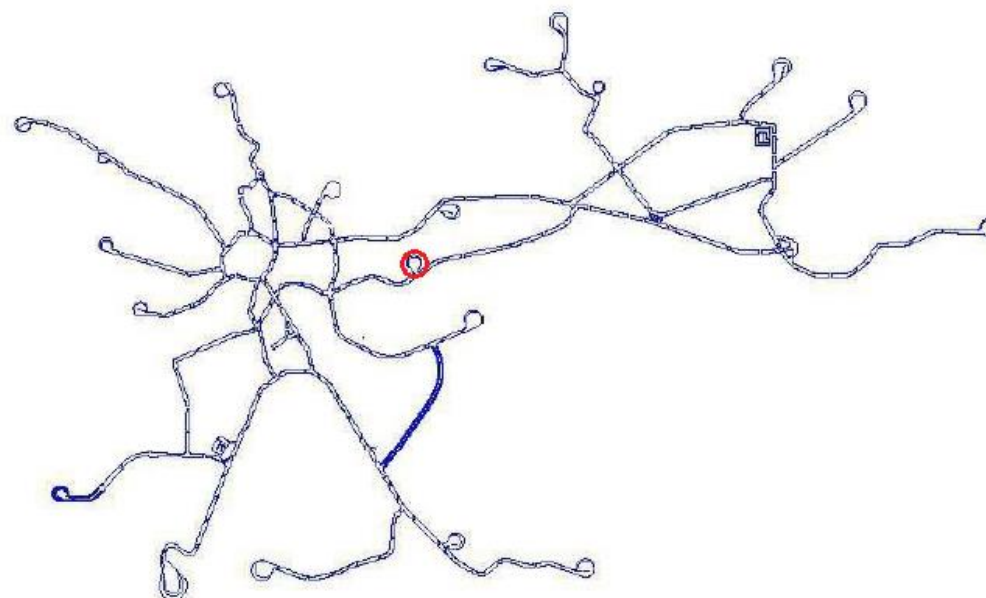
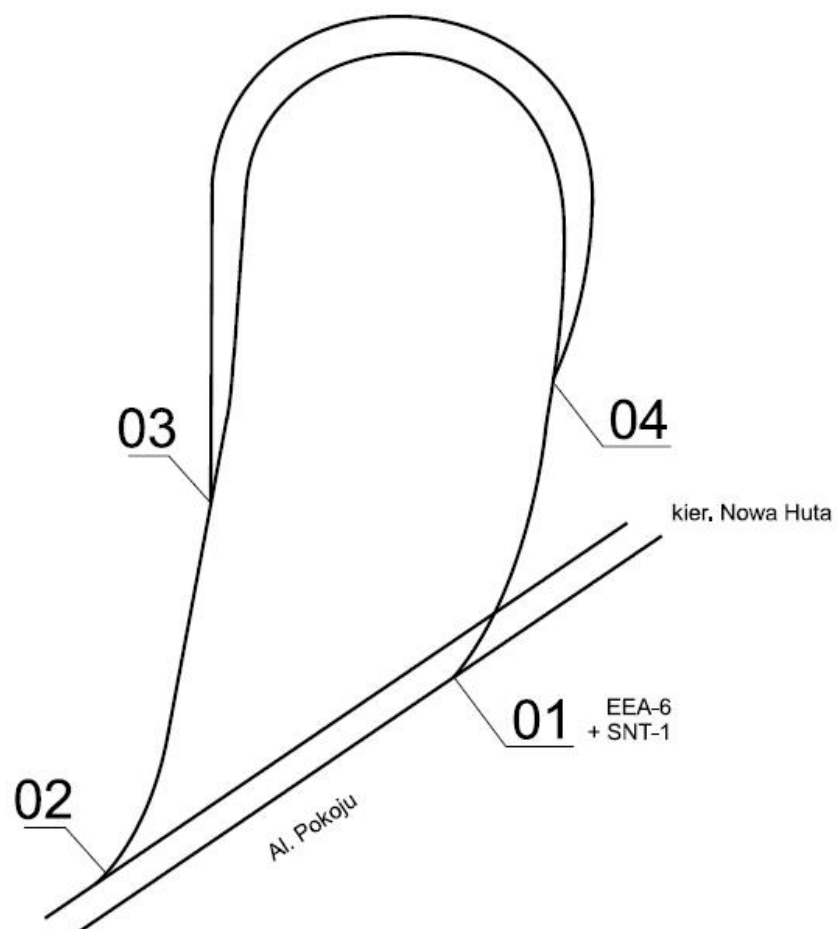
27 Dworcowa



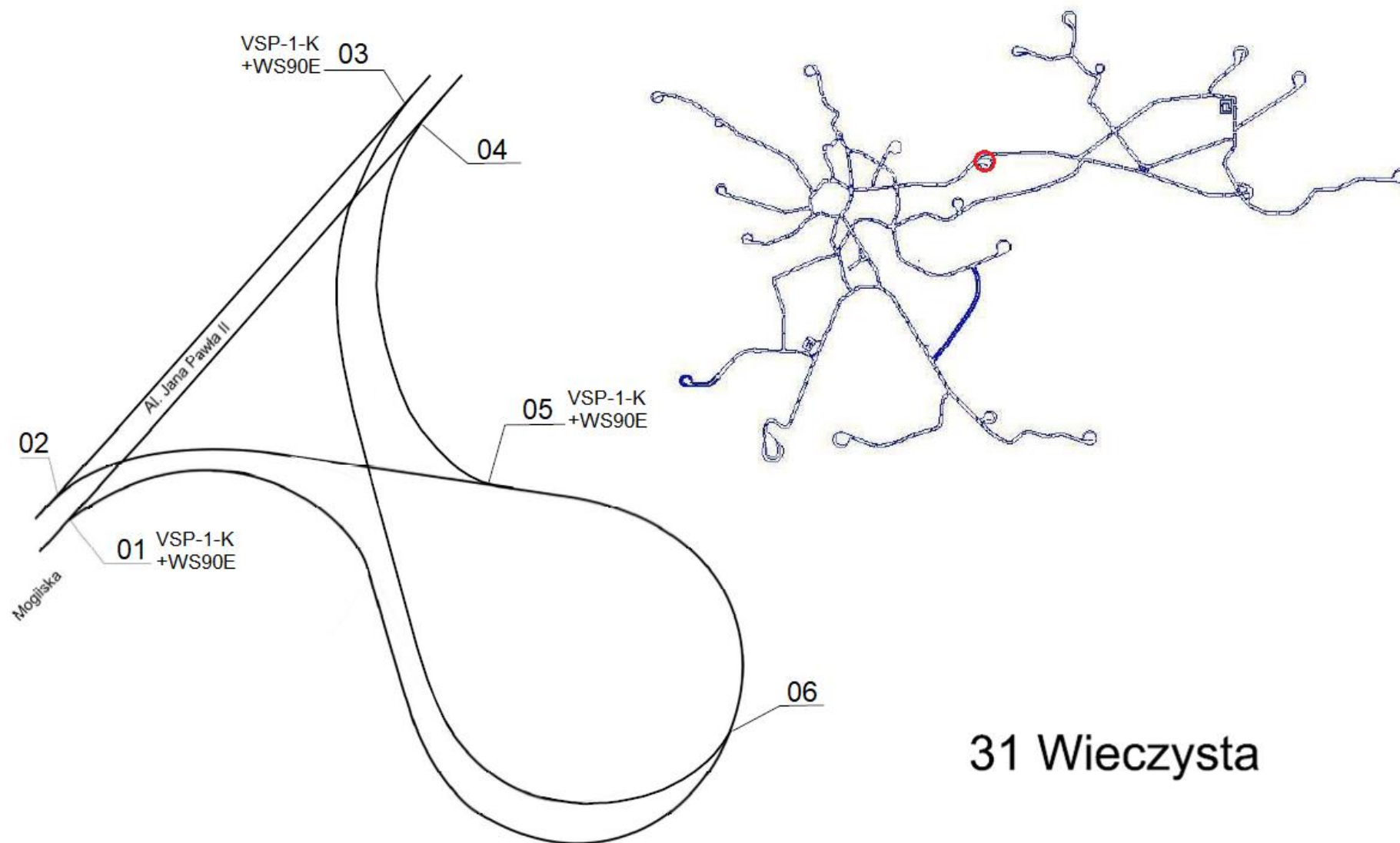
28 Prokocim

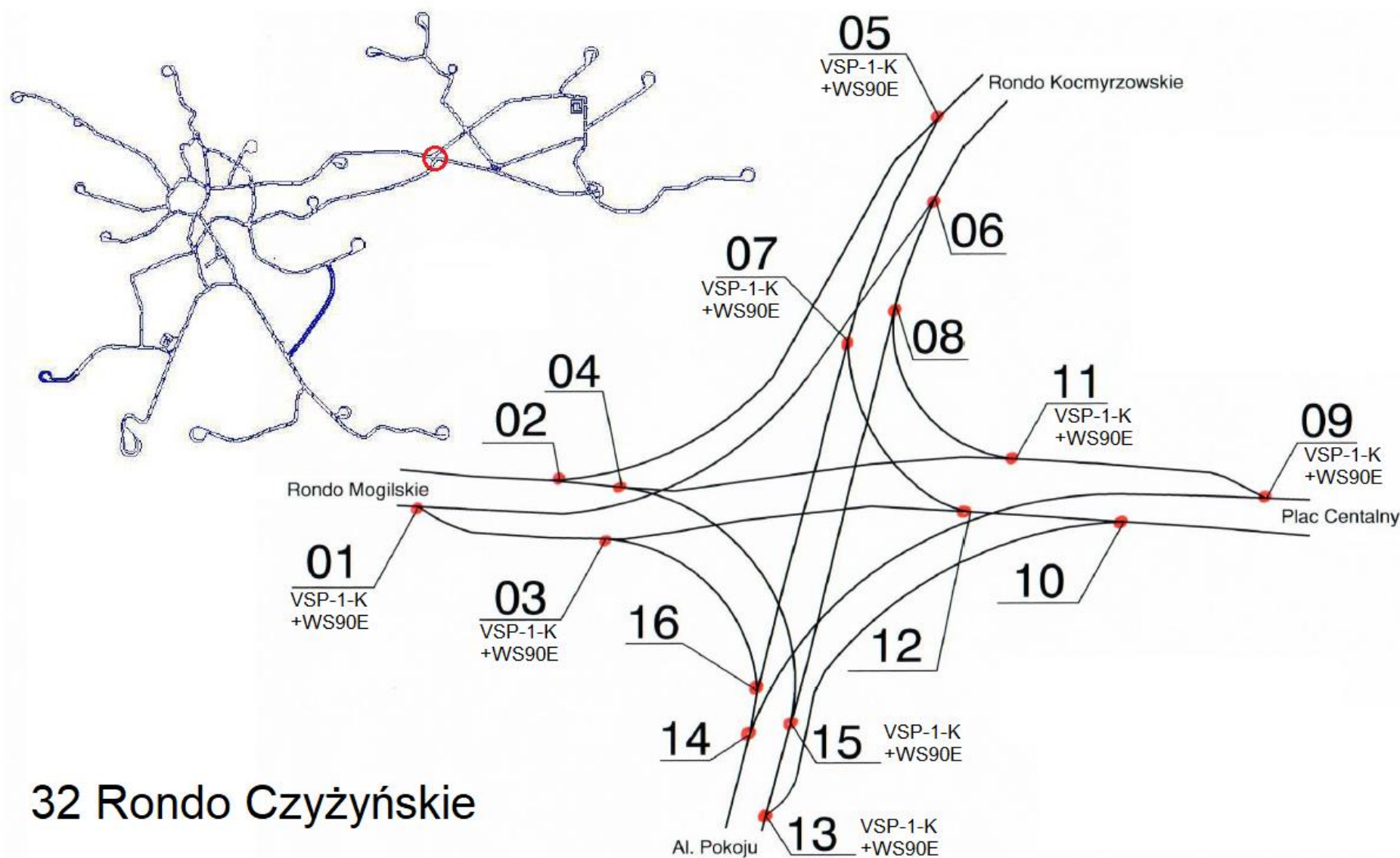


29 Nowy Bieżanów

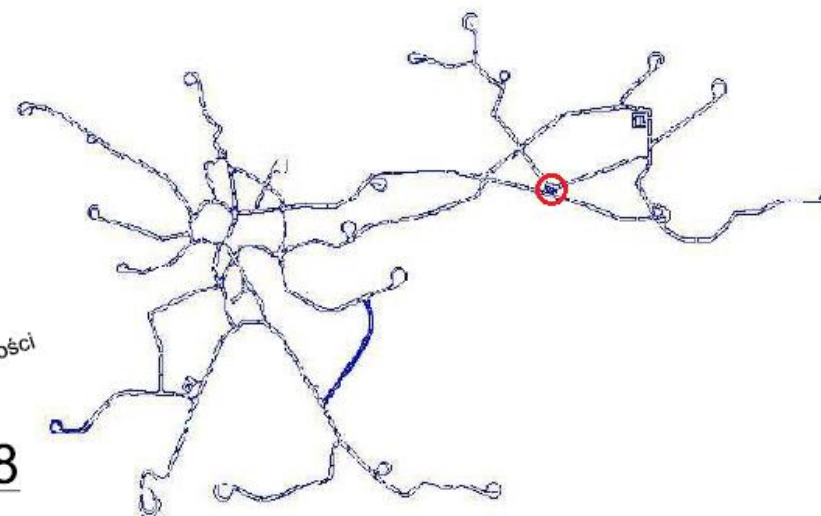
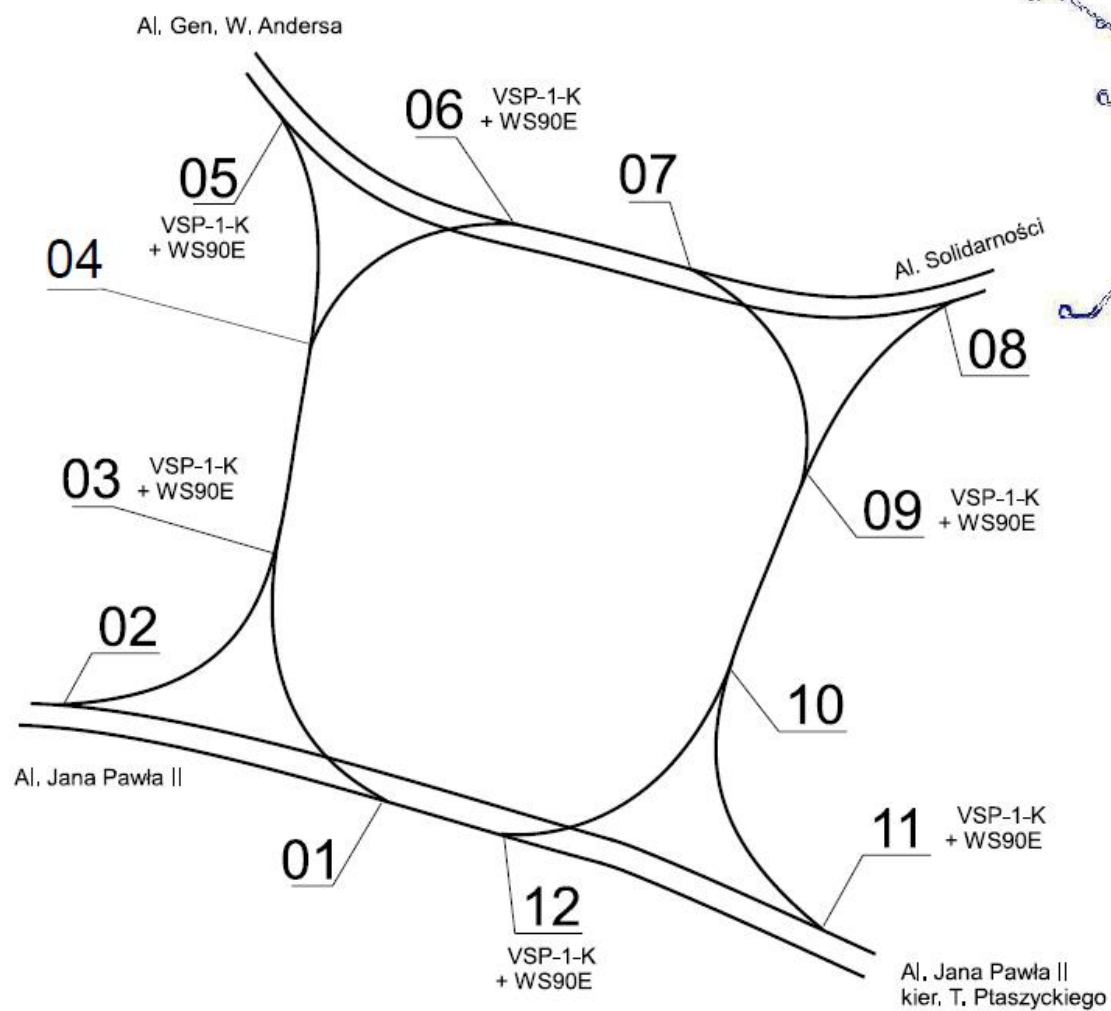


30 Dąbie

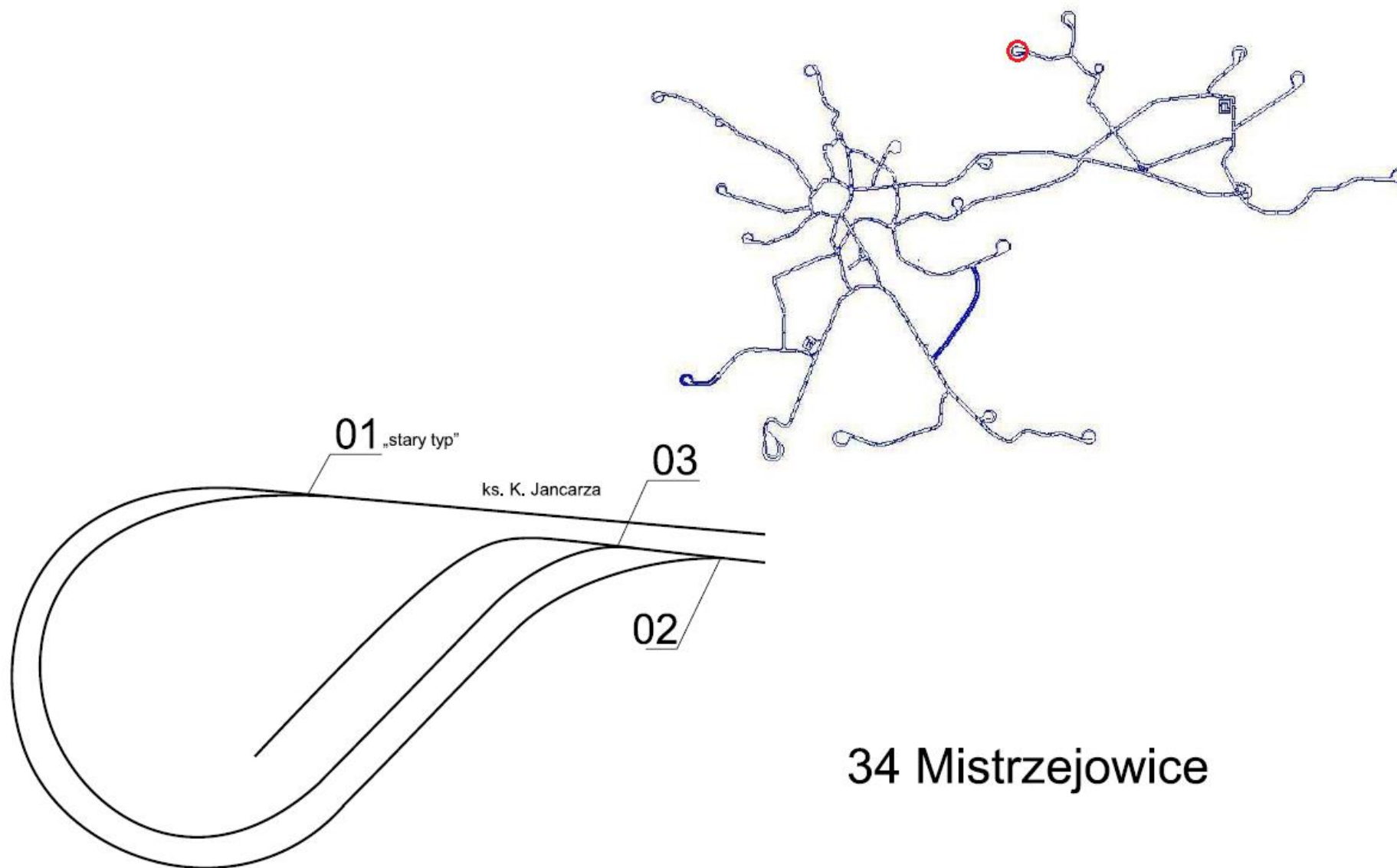


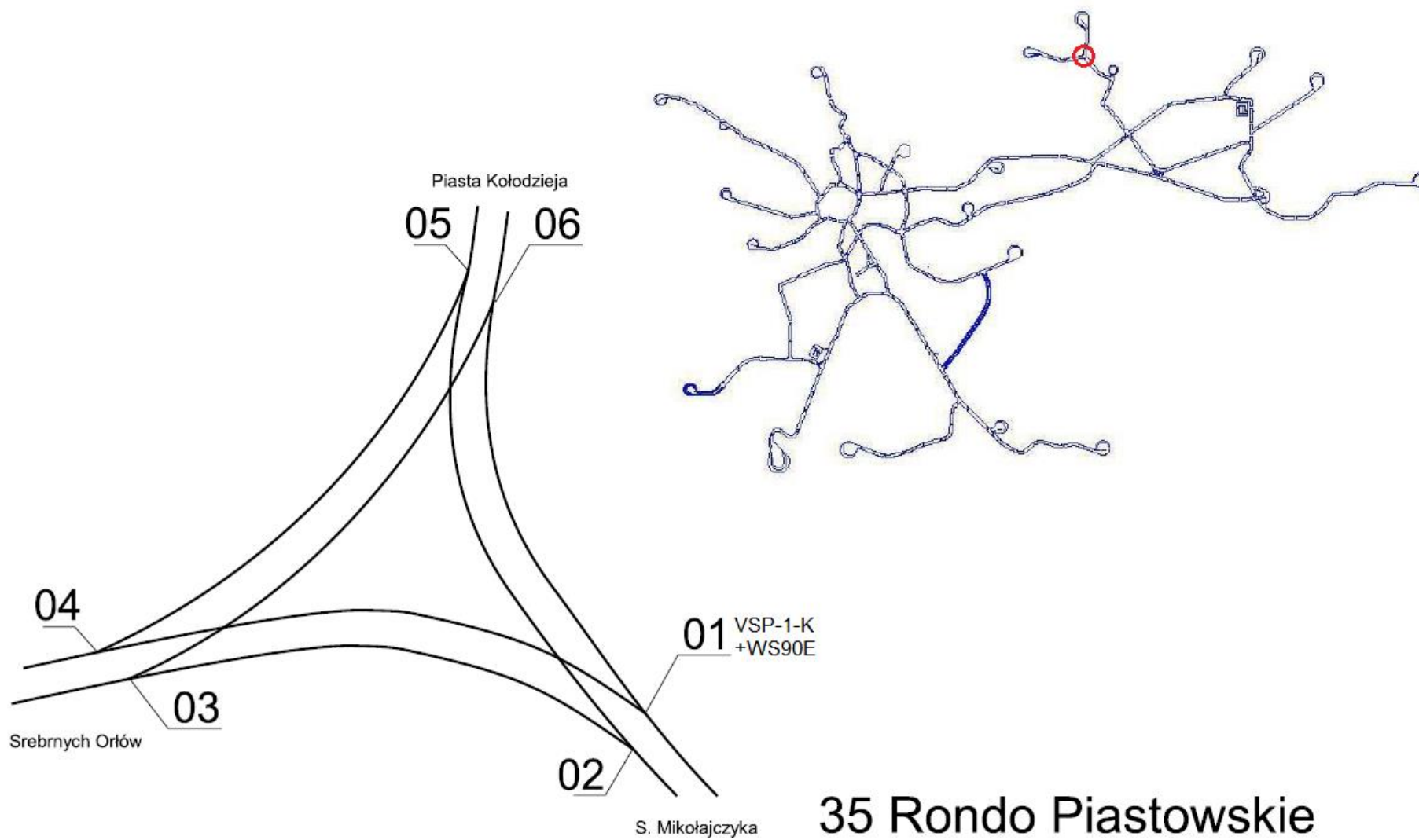


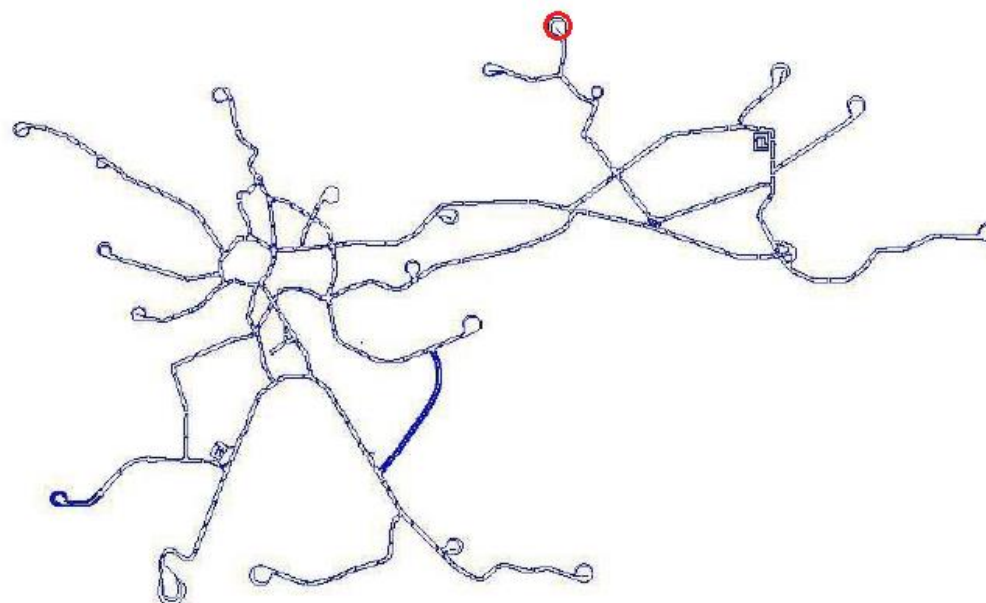
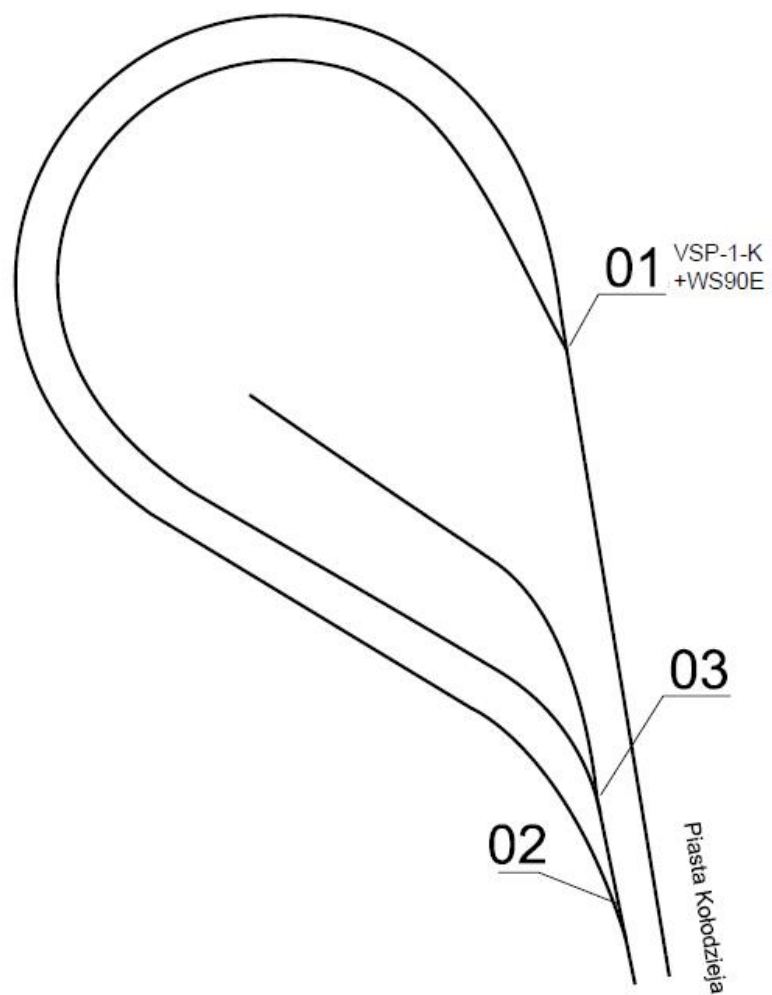
32 Rondo Czyżyńskie



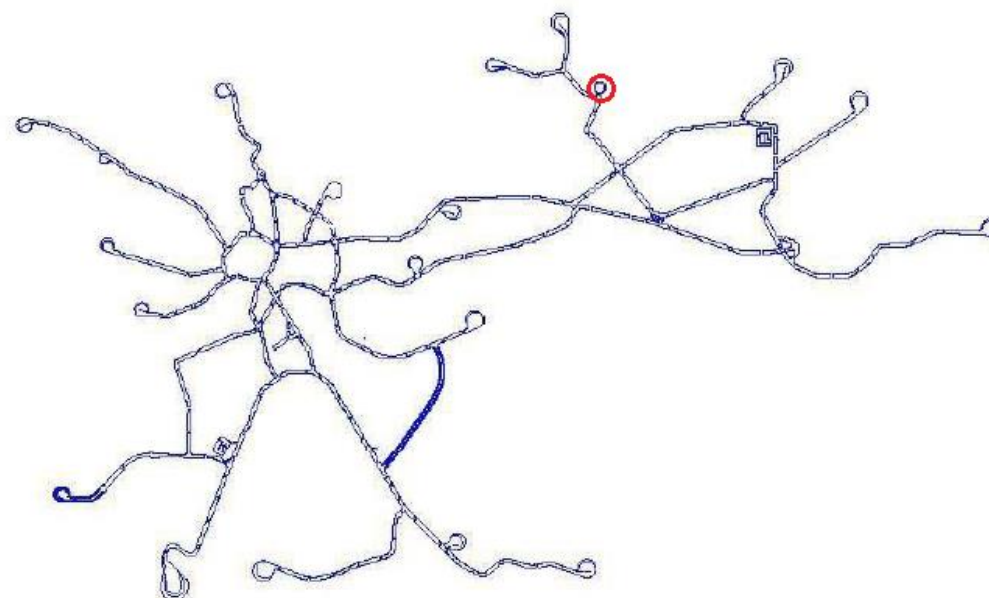
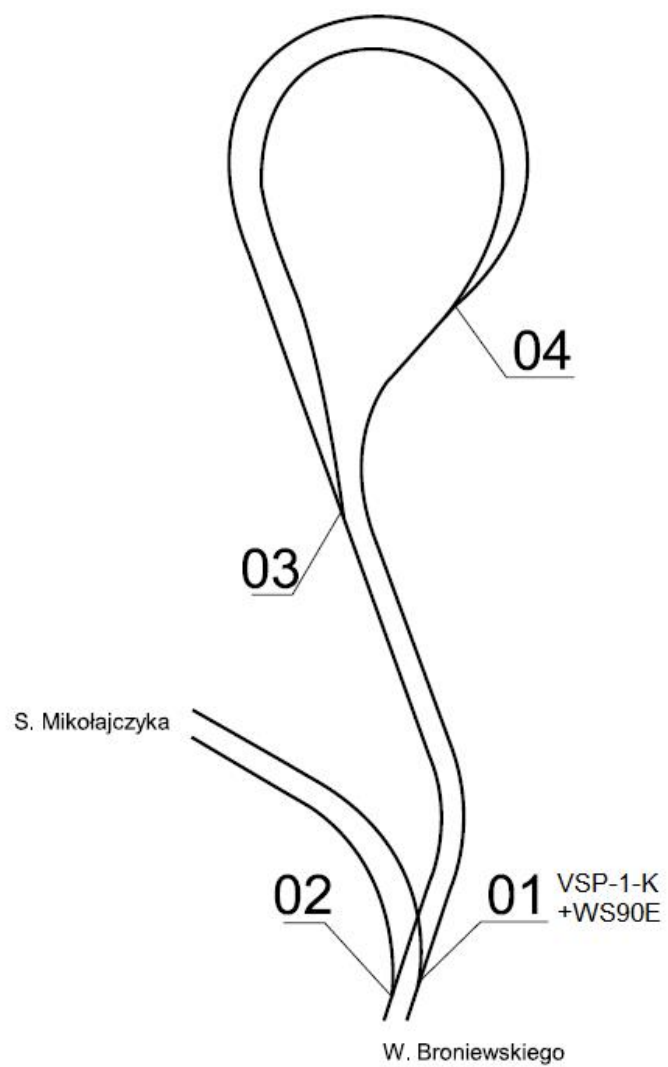
33 Plac Centralny



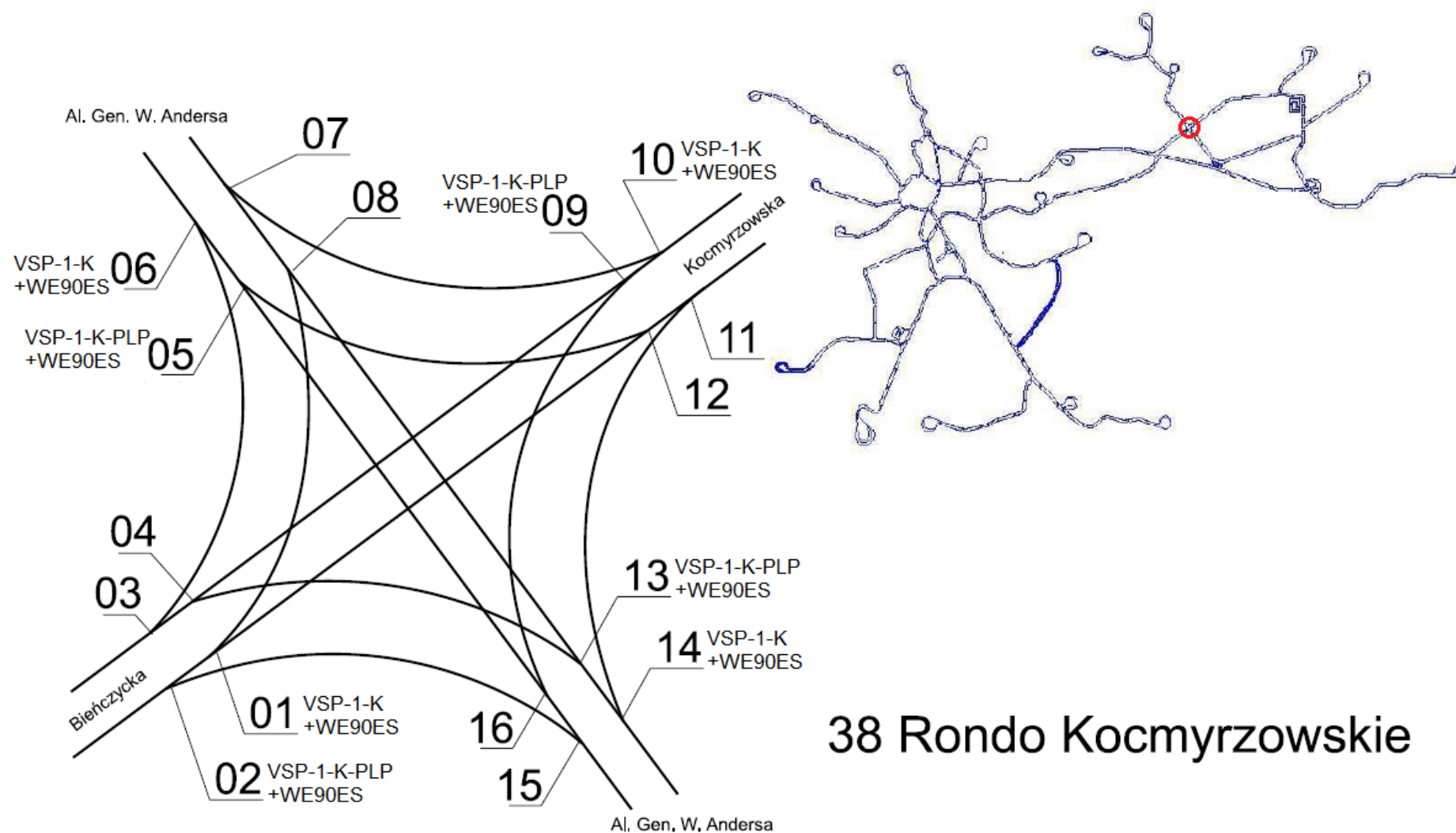




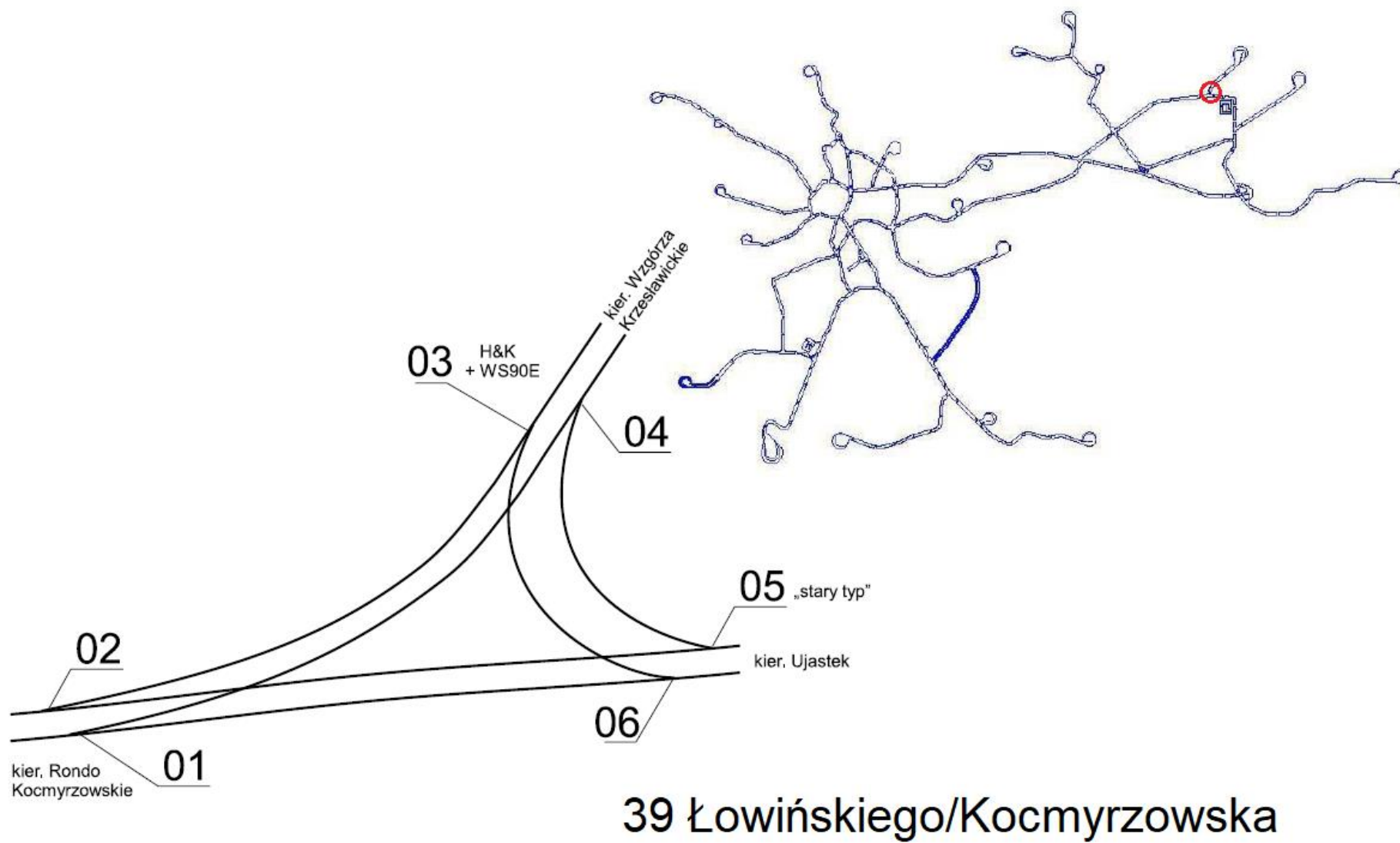
36 Piasta Kołodzieja

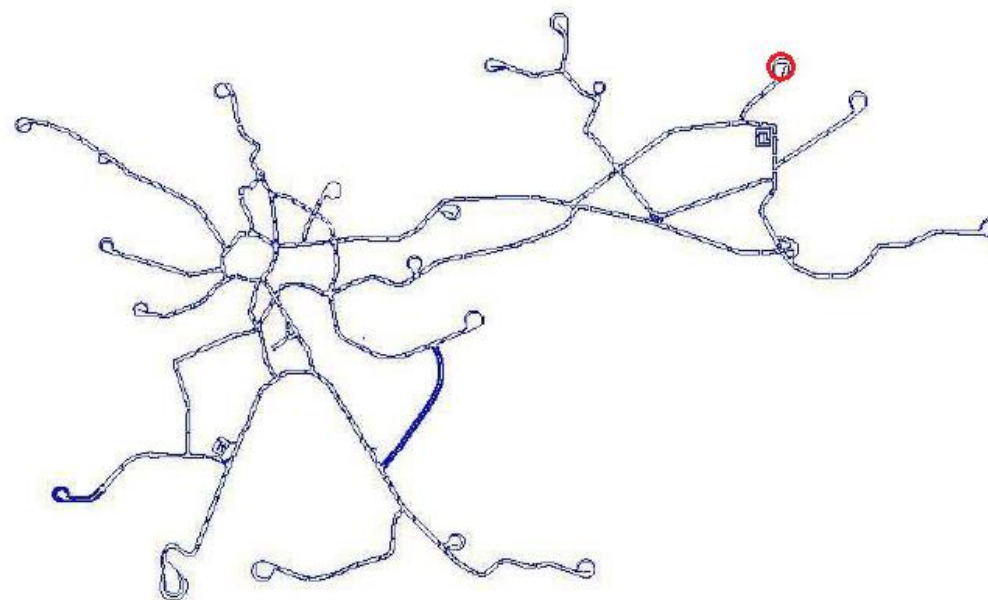
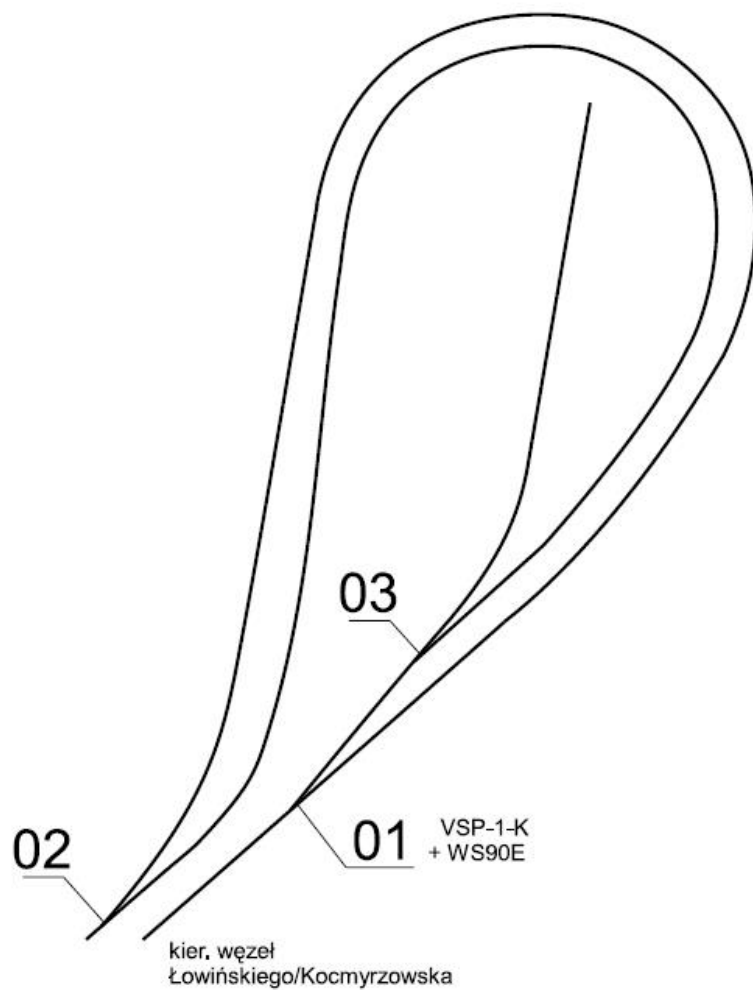


37 Bieńczyce

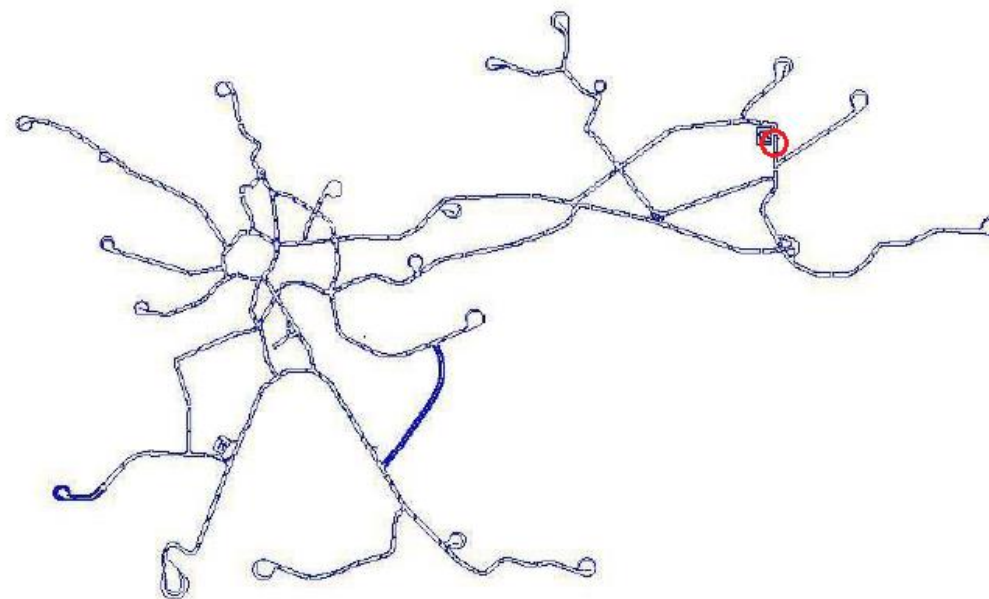
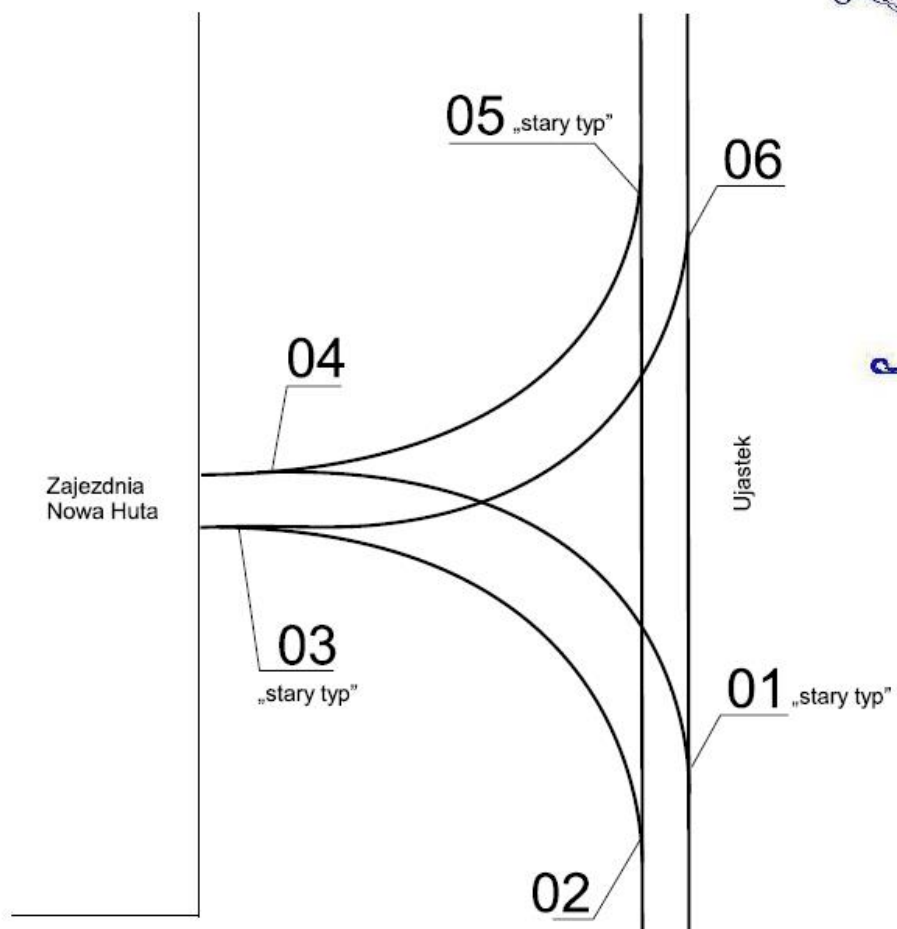


38 Rondo Kocmyrzwskie

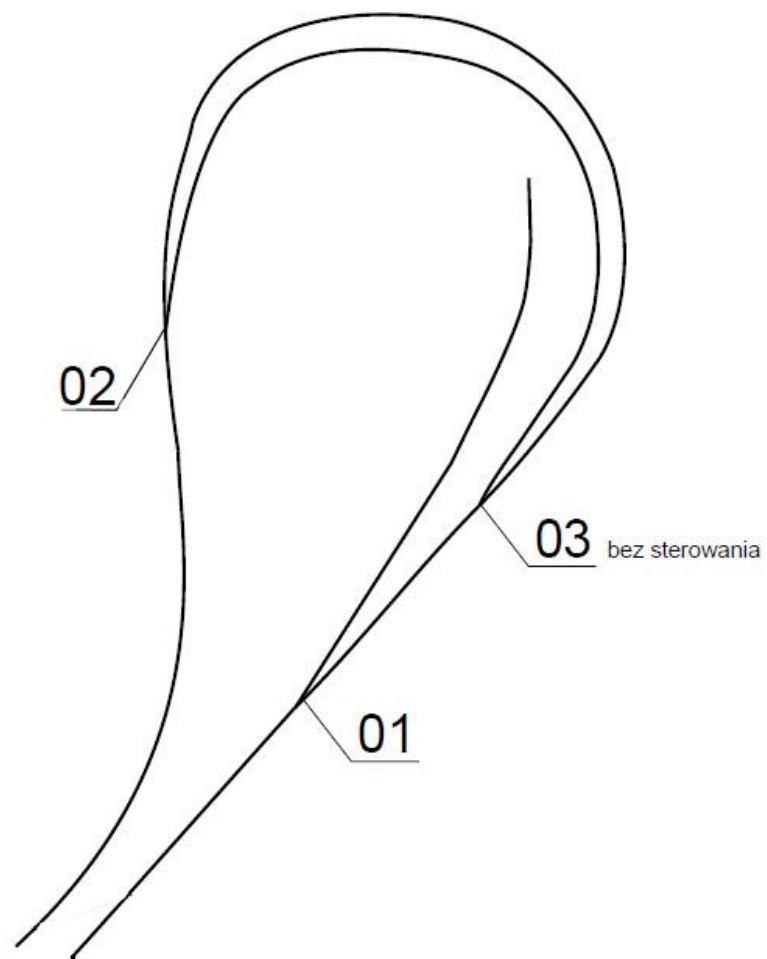




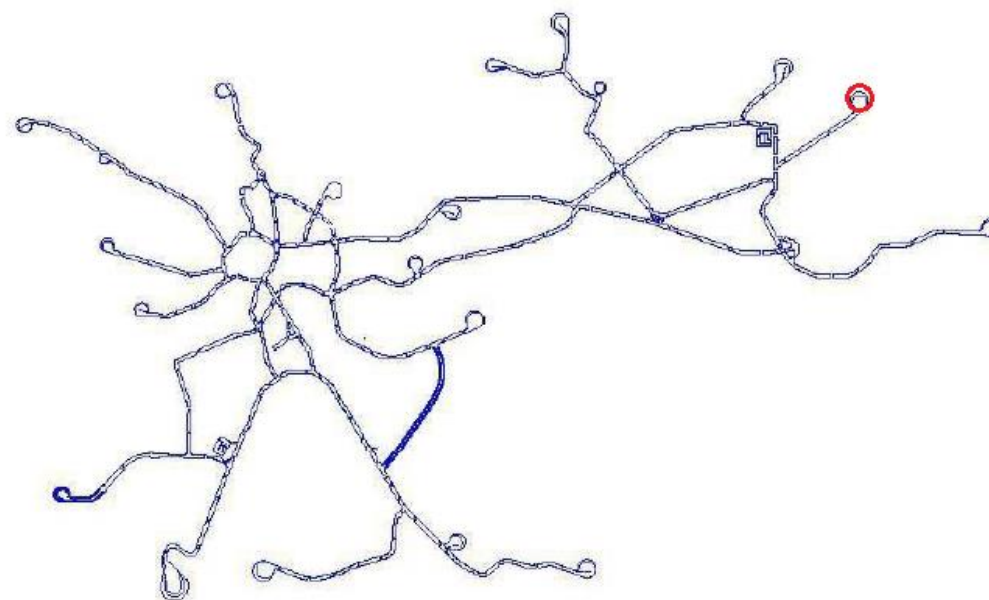
40 Wzgórza Krzesławickie



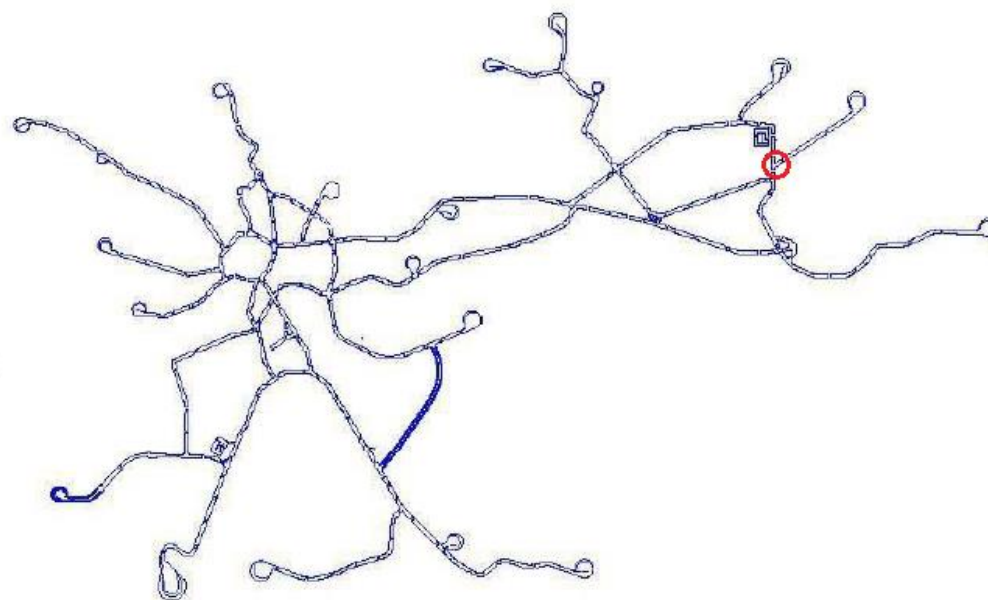
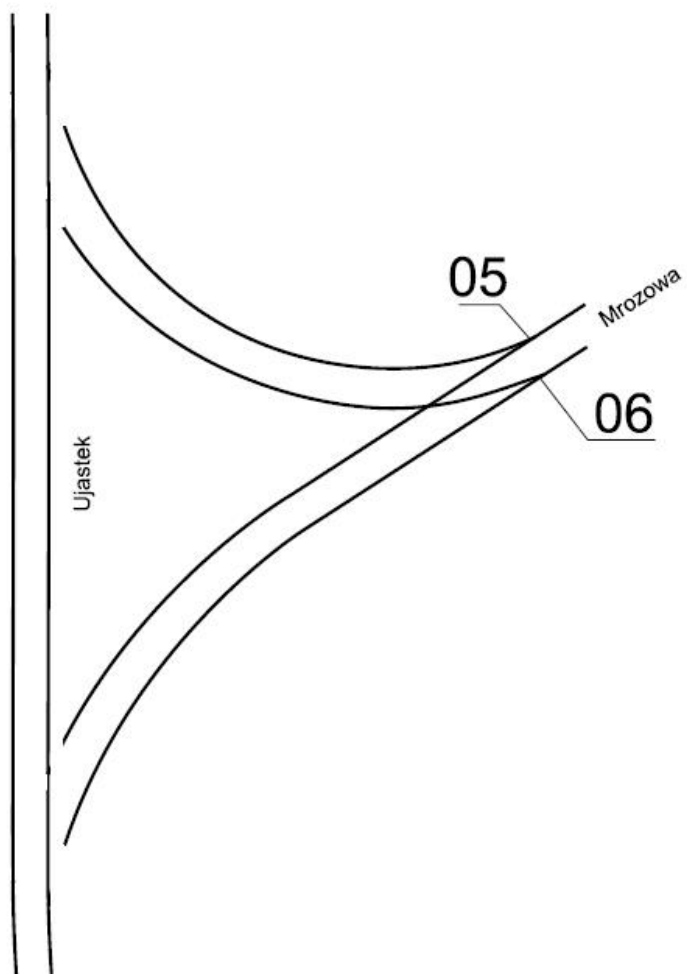
41 Ujastek 1-sza Brama



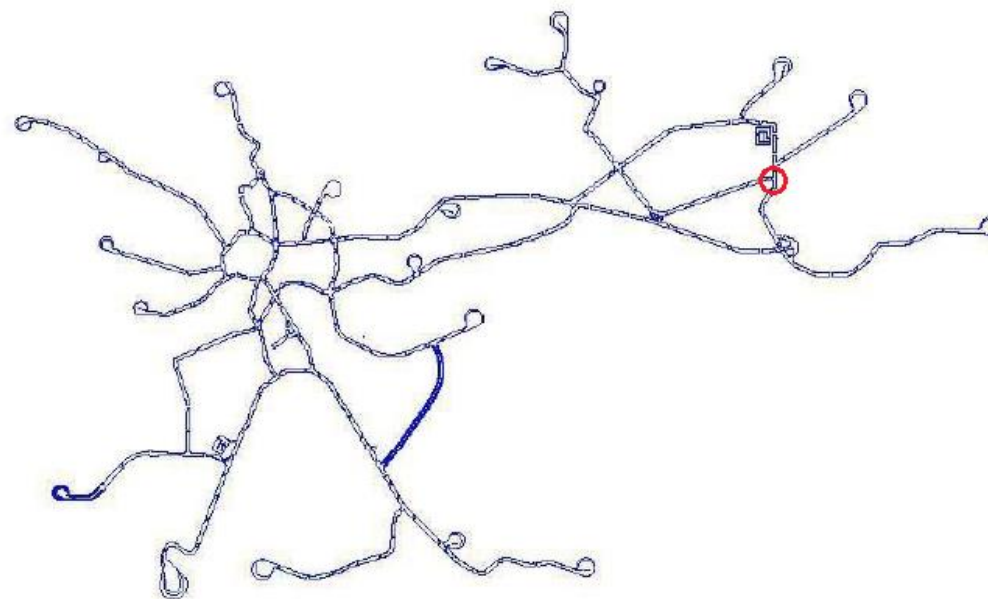
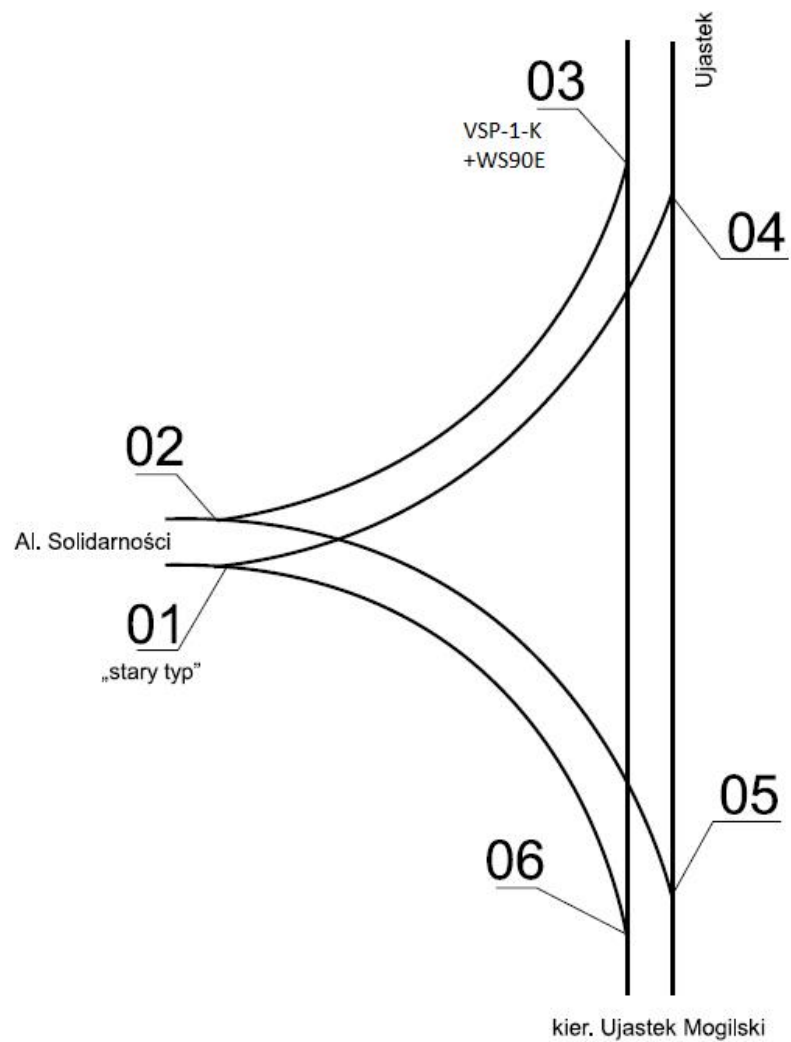
kier. węzeł Mrozowa/Ujastek



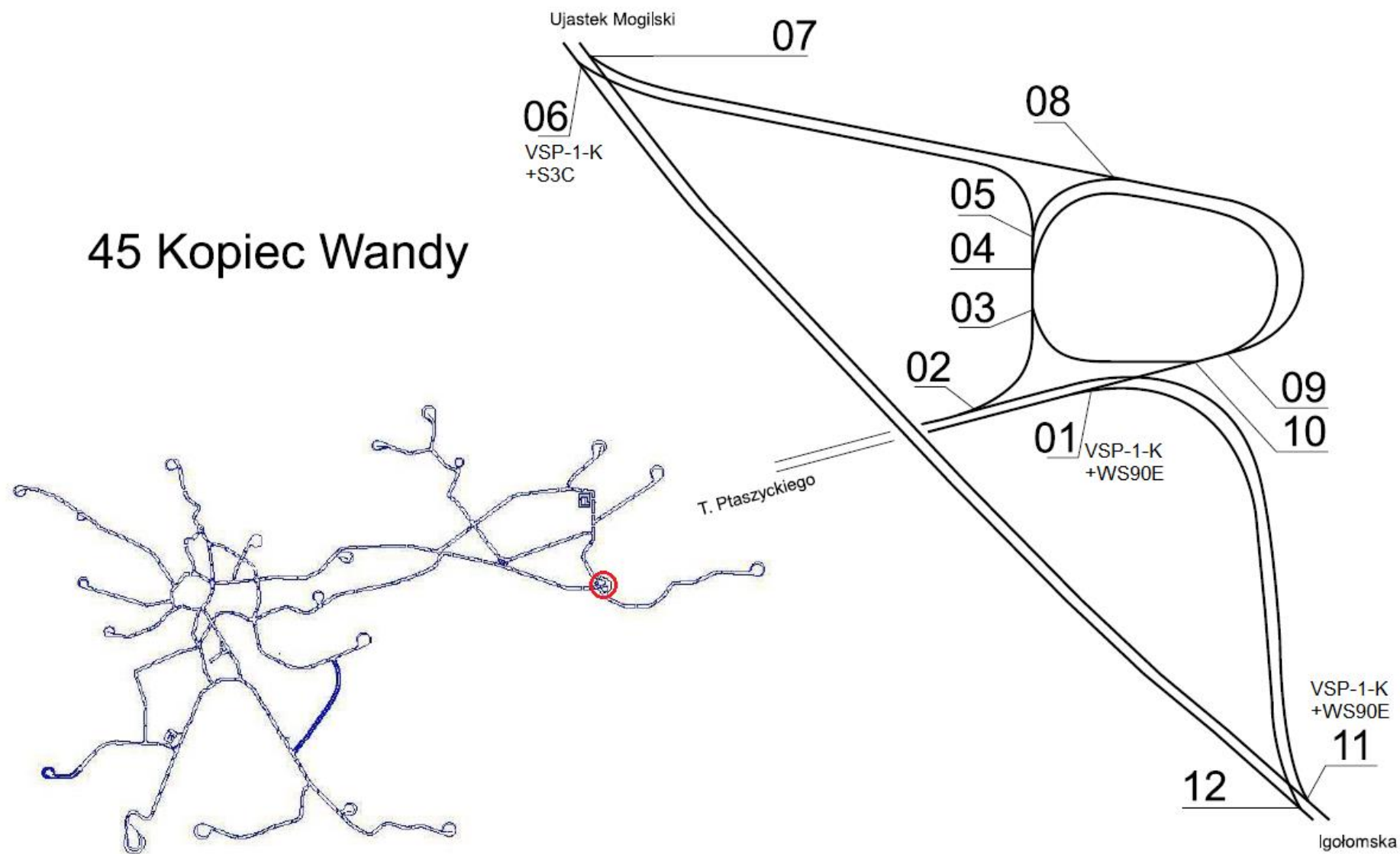
42 Walcownia

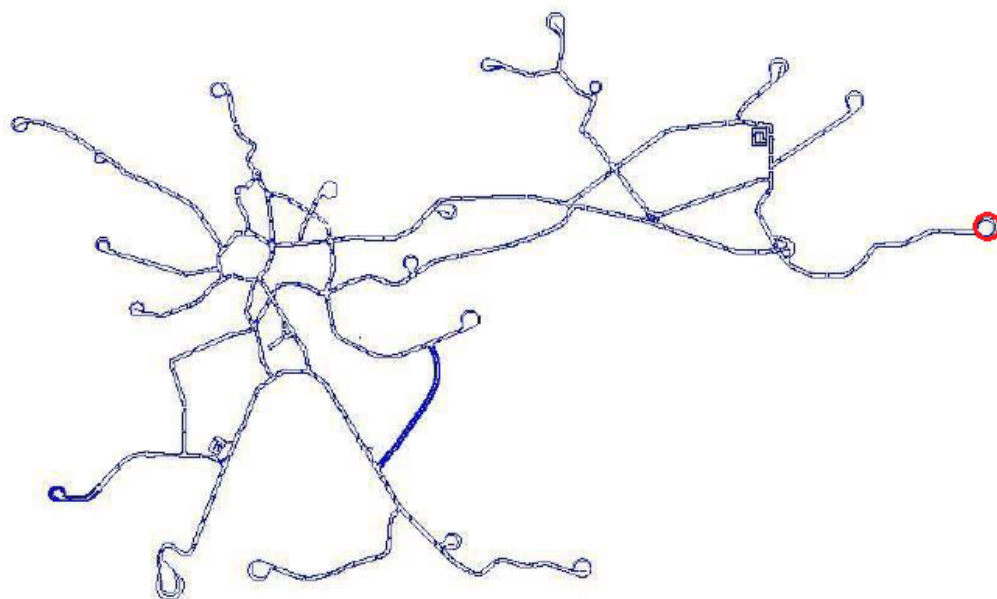


43 Mrozowa/Ujastek

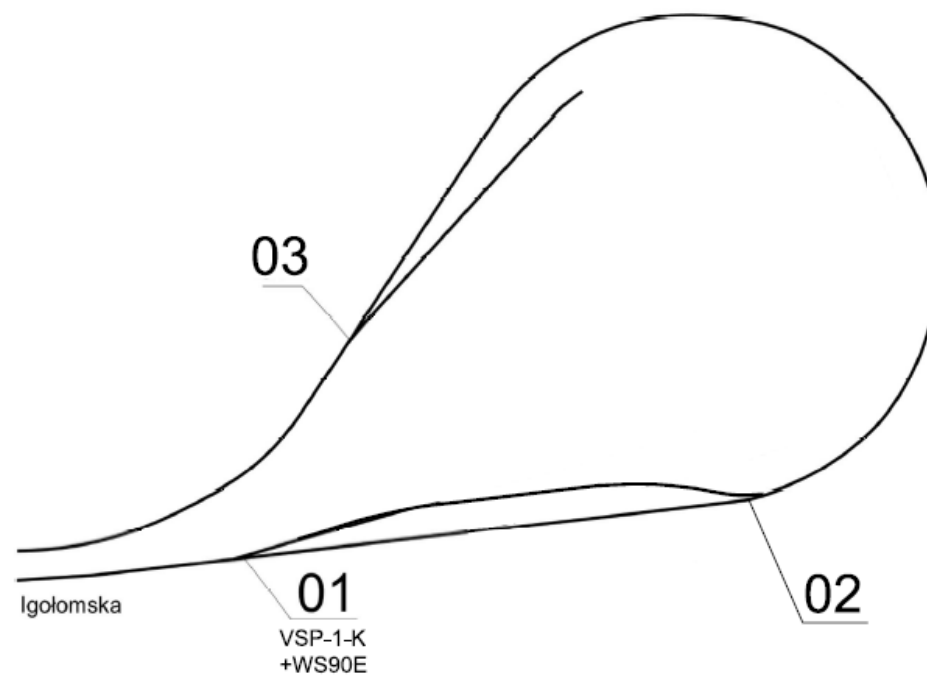


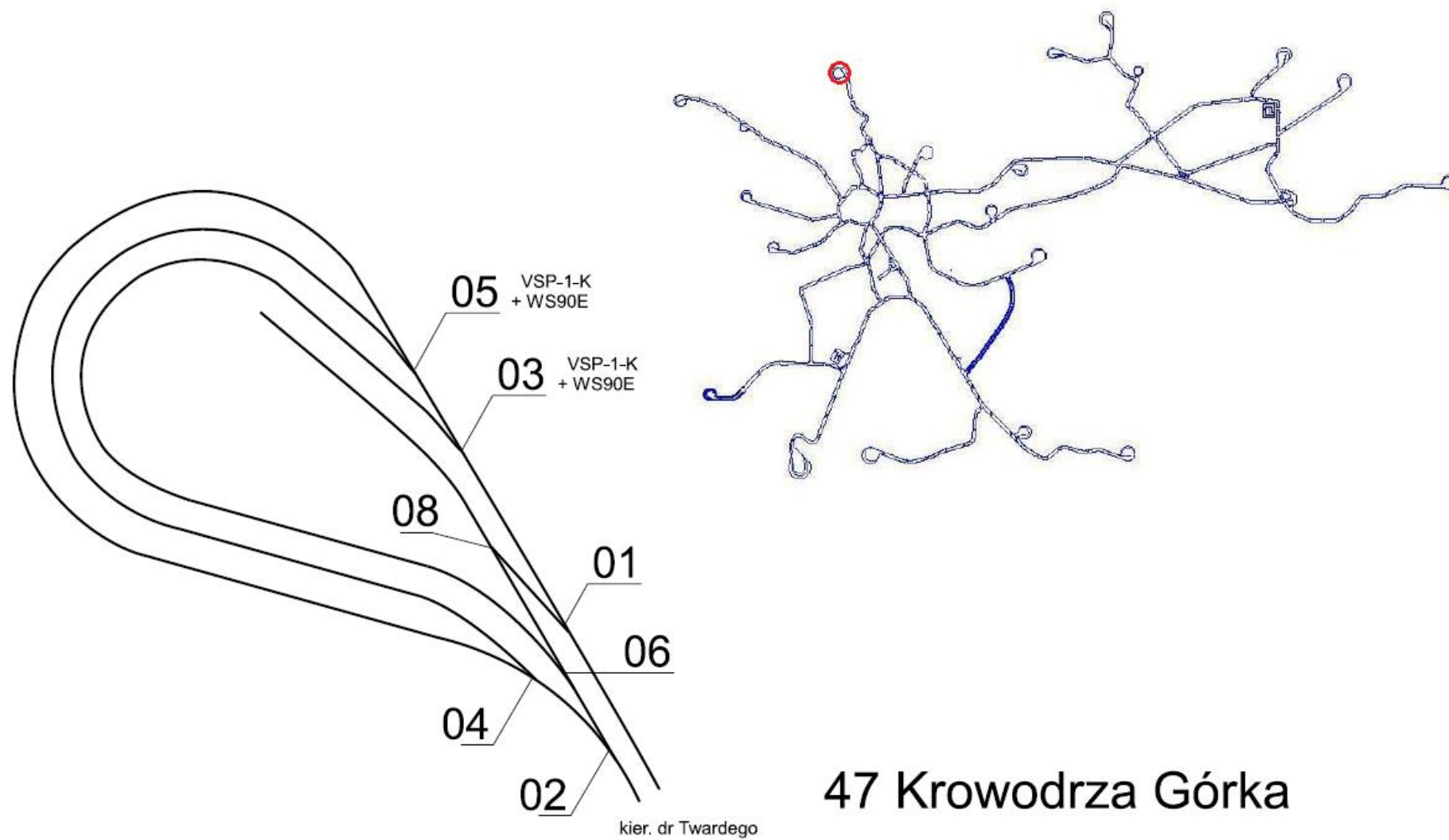
44 Kombinat

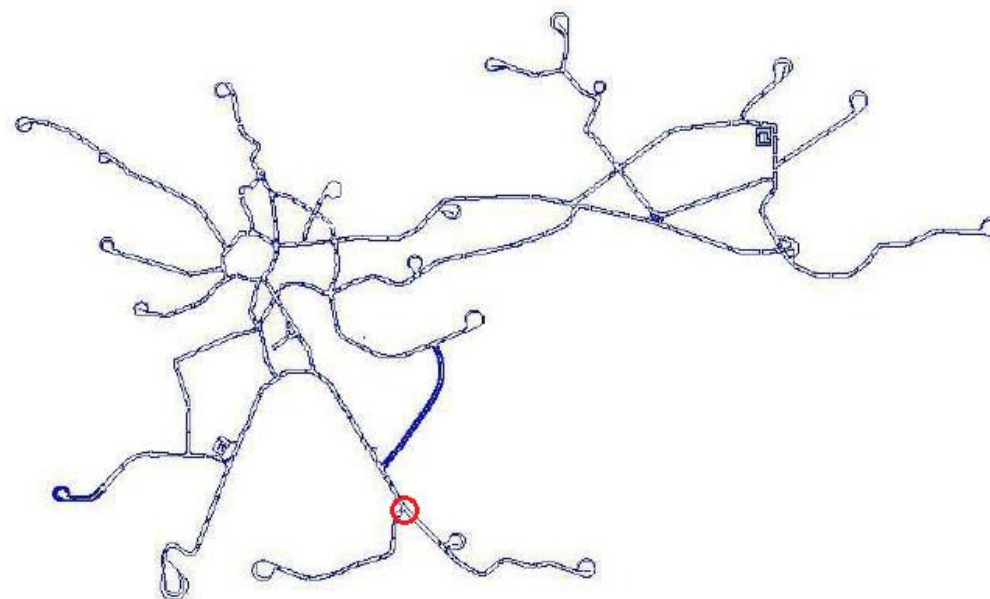
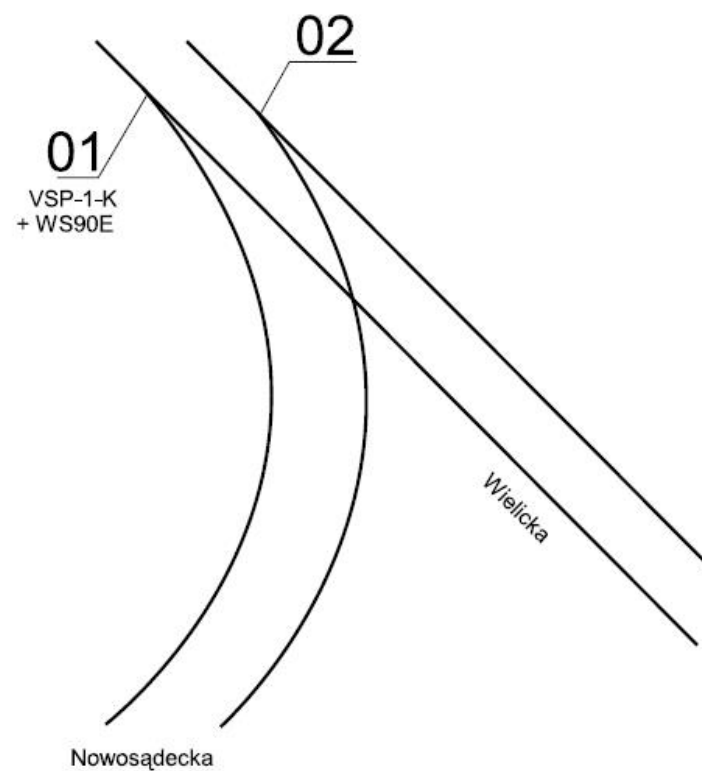




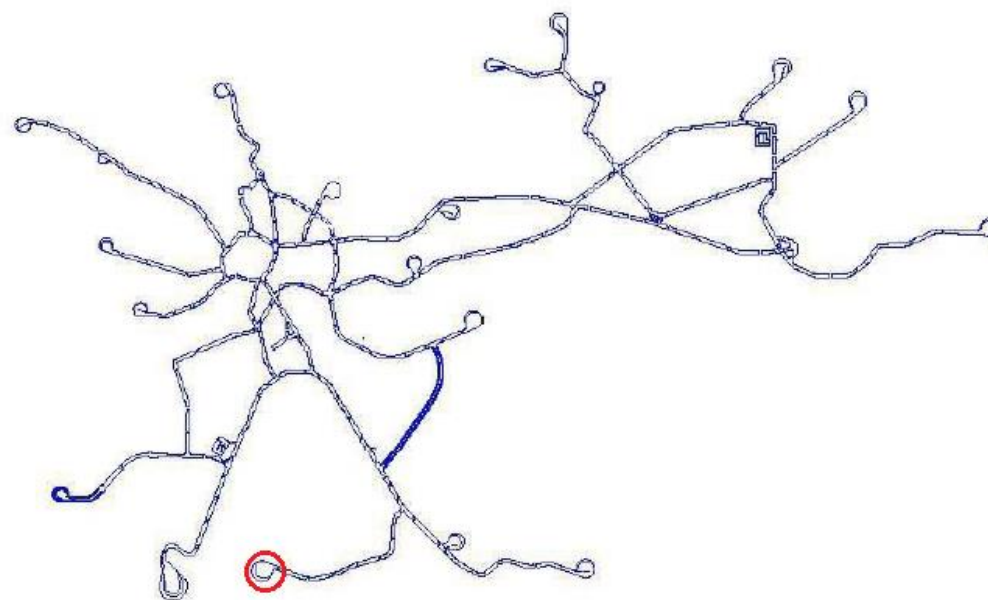
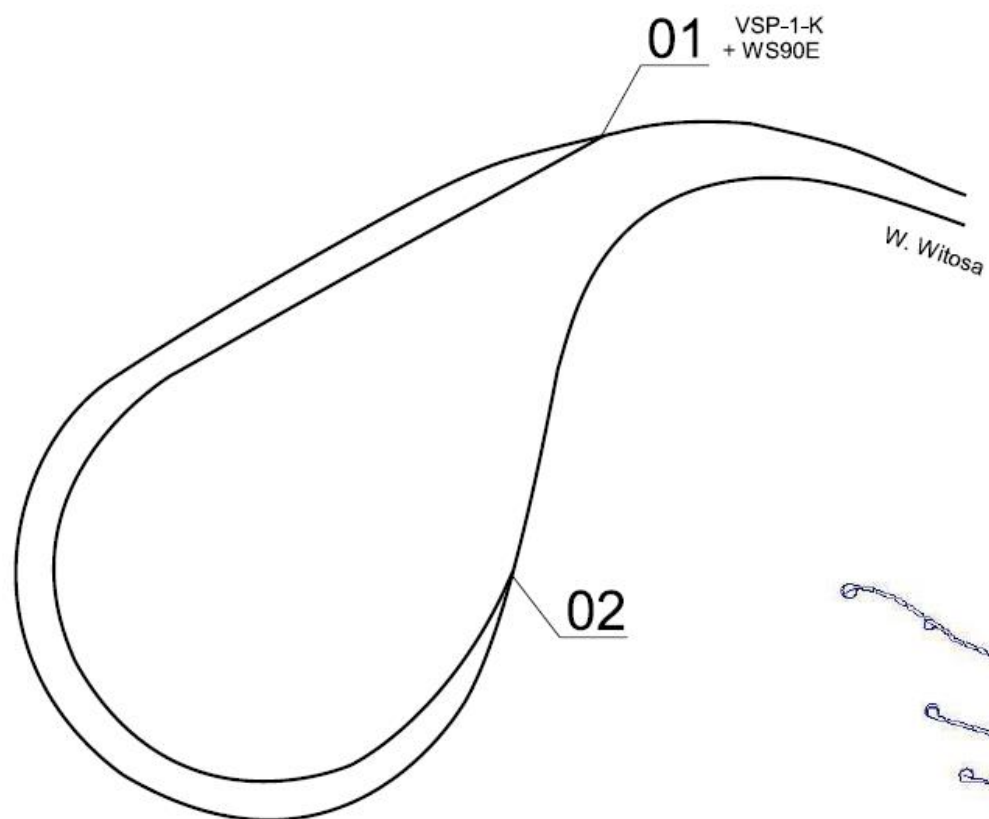
46 Pleszów

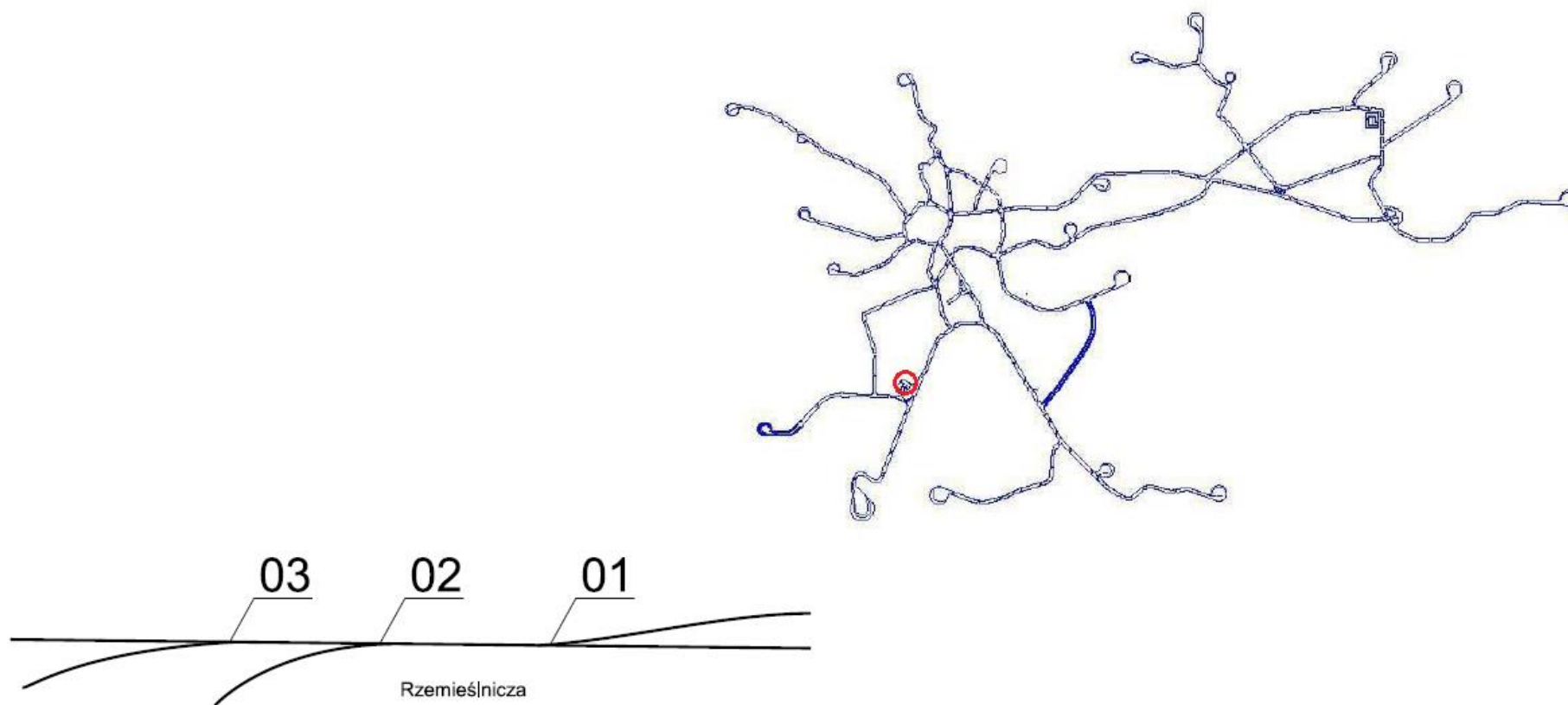




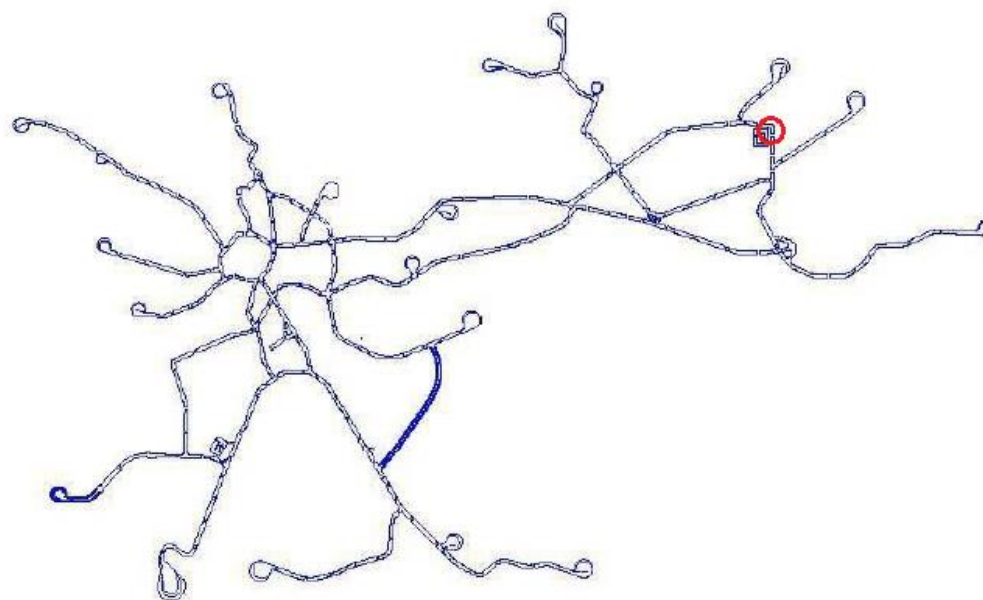
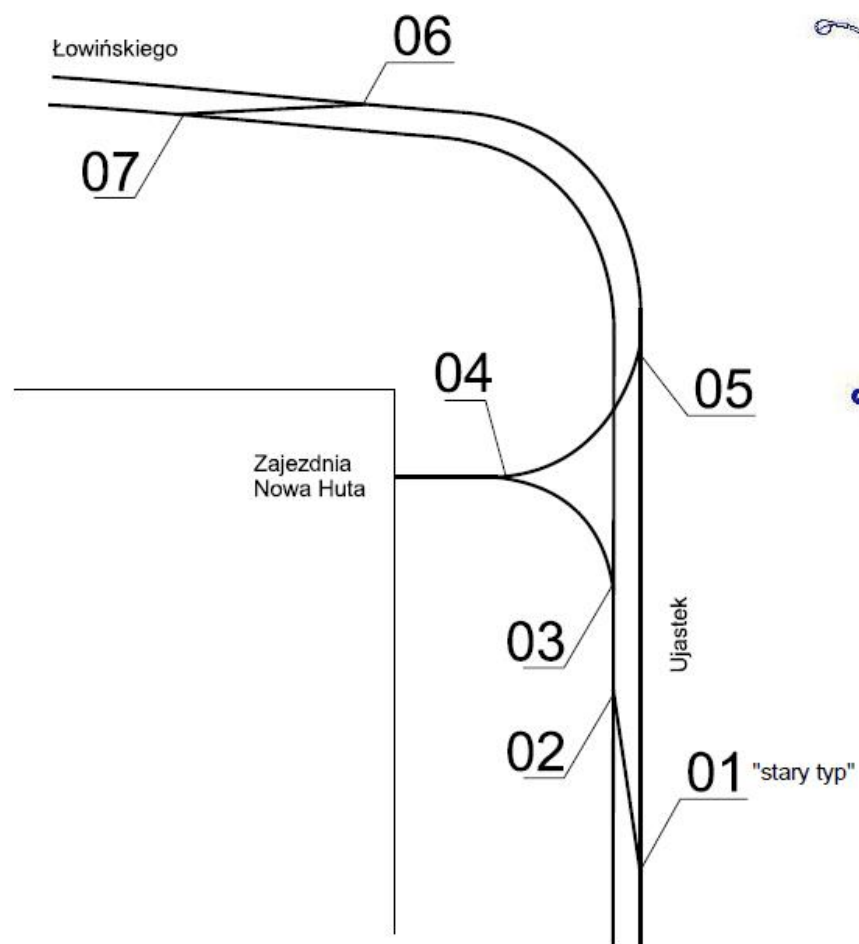


48 Nowosądecka

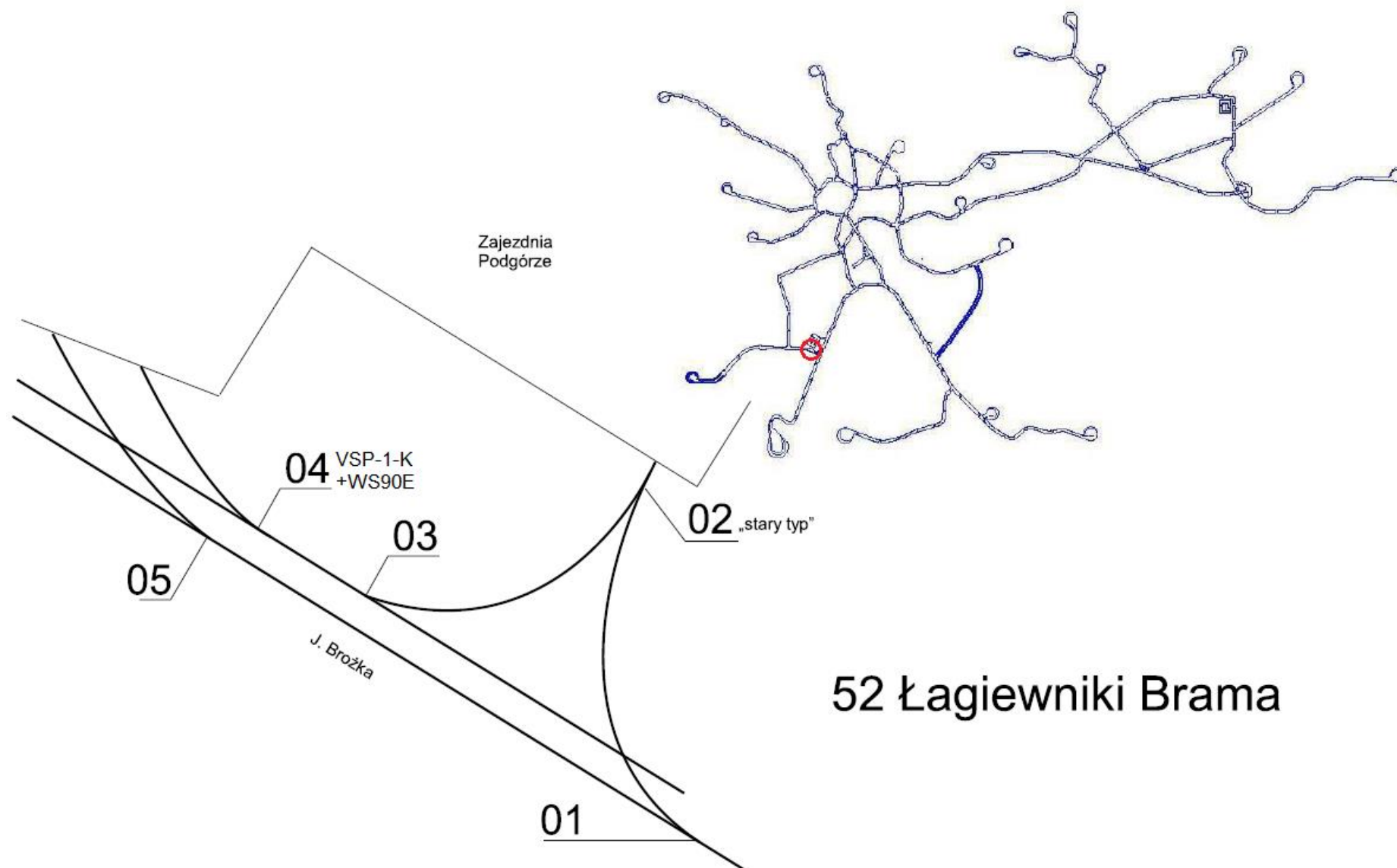




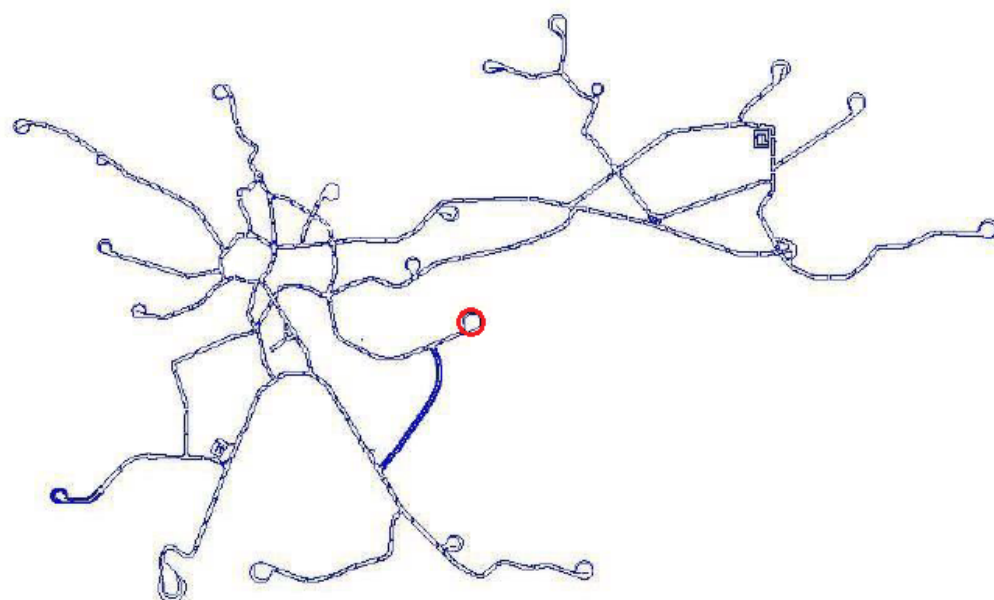
50 Rzemieślnicza Brama



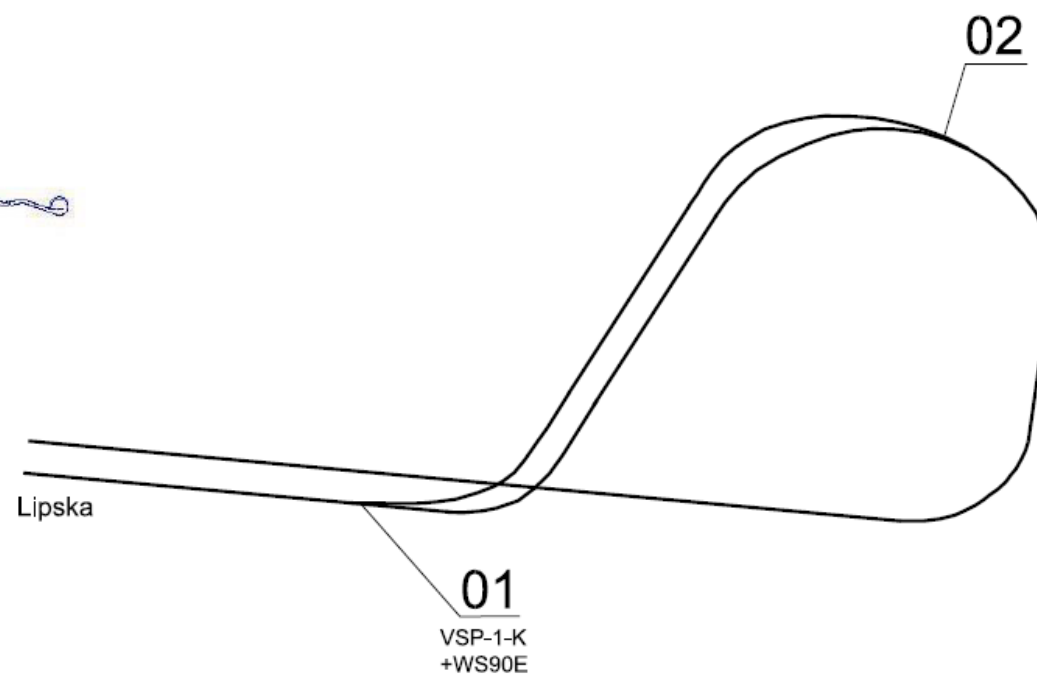
51 Ujastek 2-ga Brama

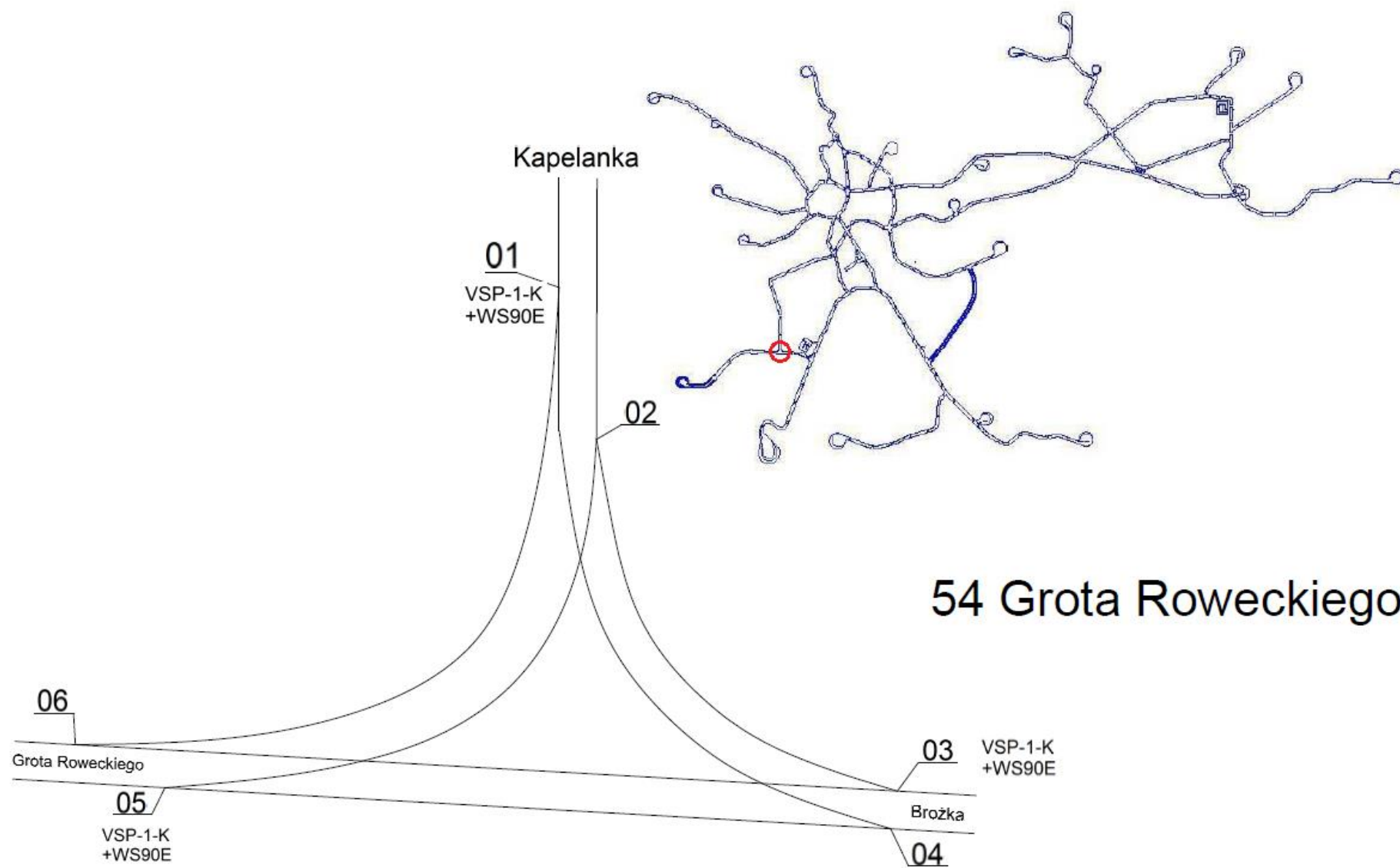


52 Łagiewniki Brama

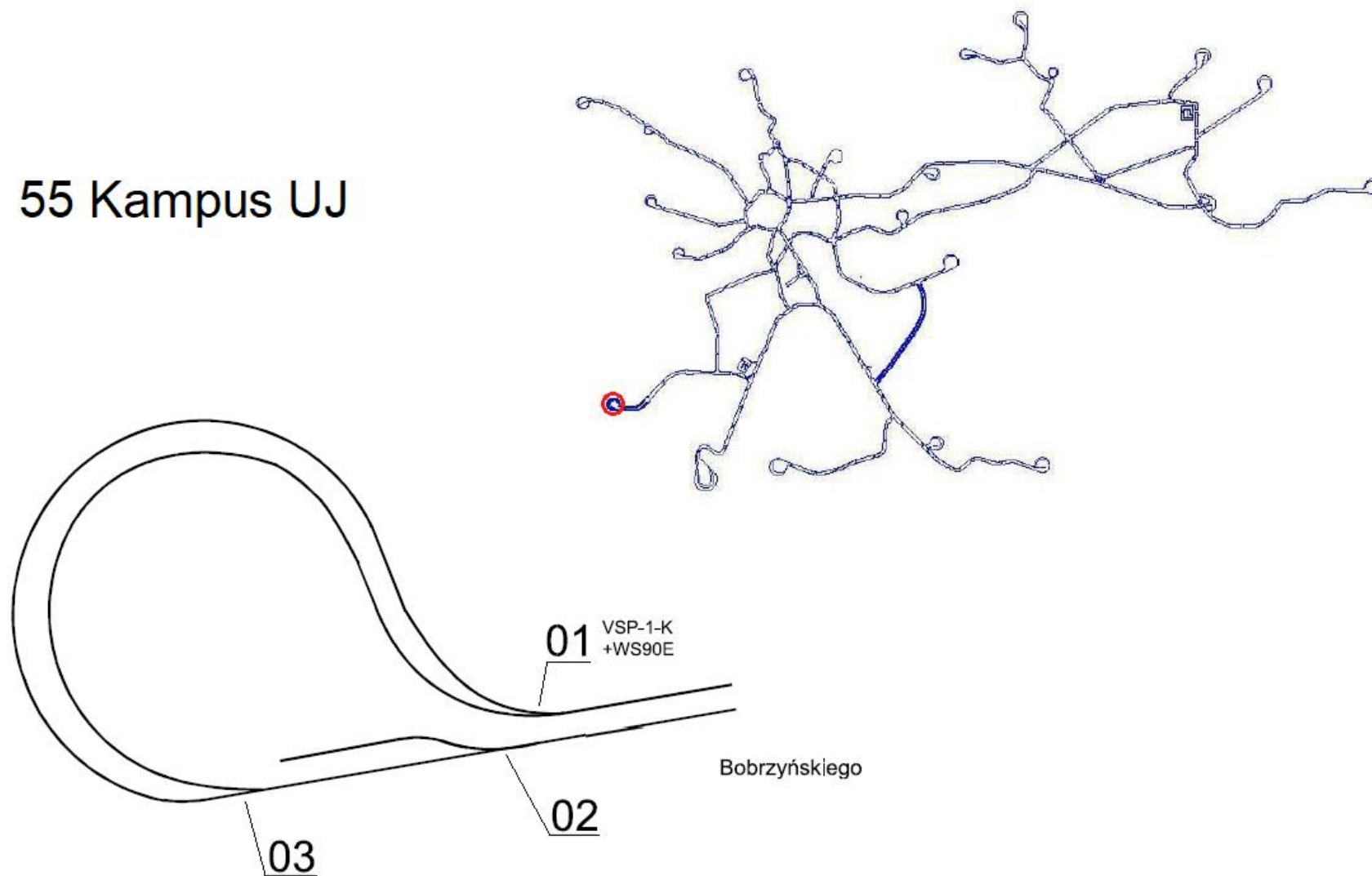


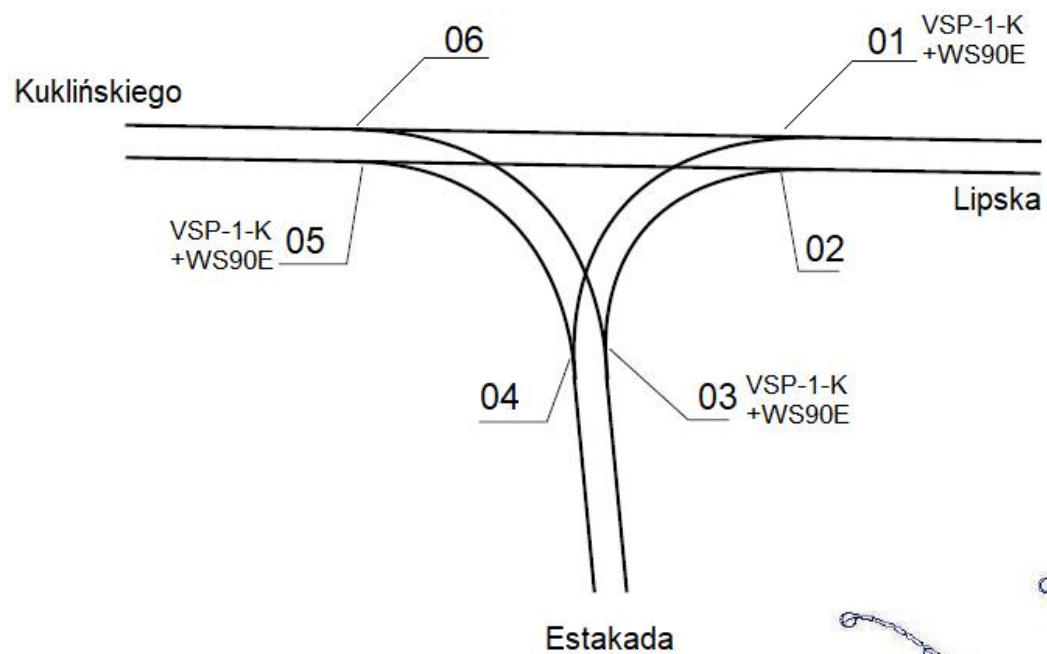
53 Mały Płaszów



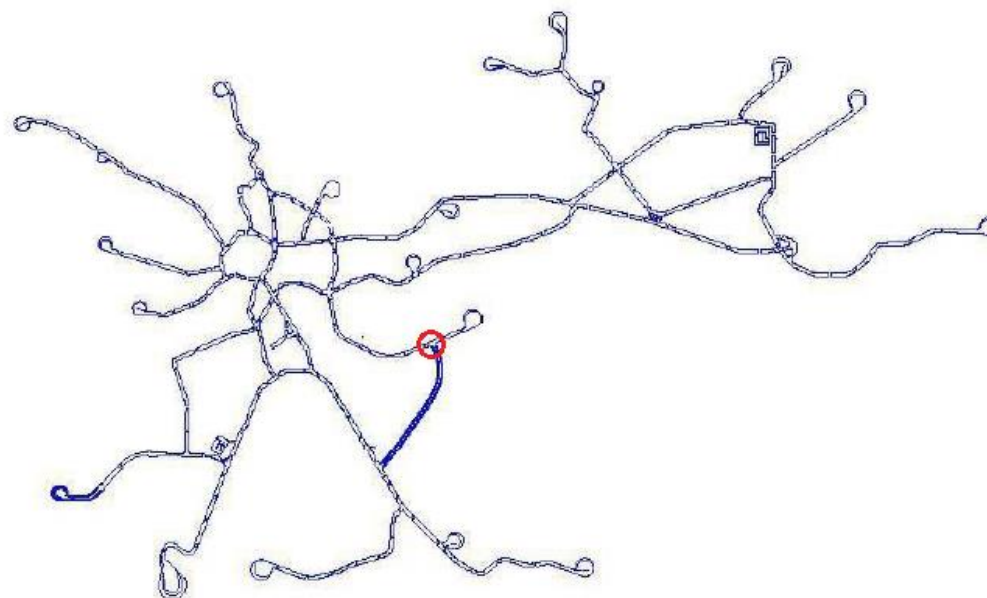


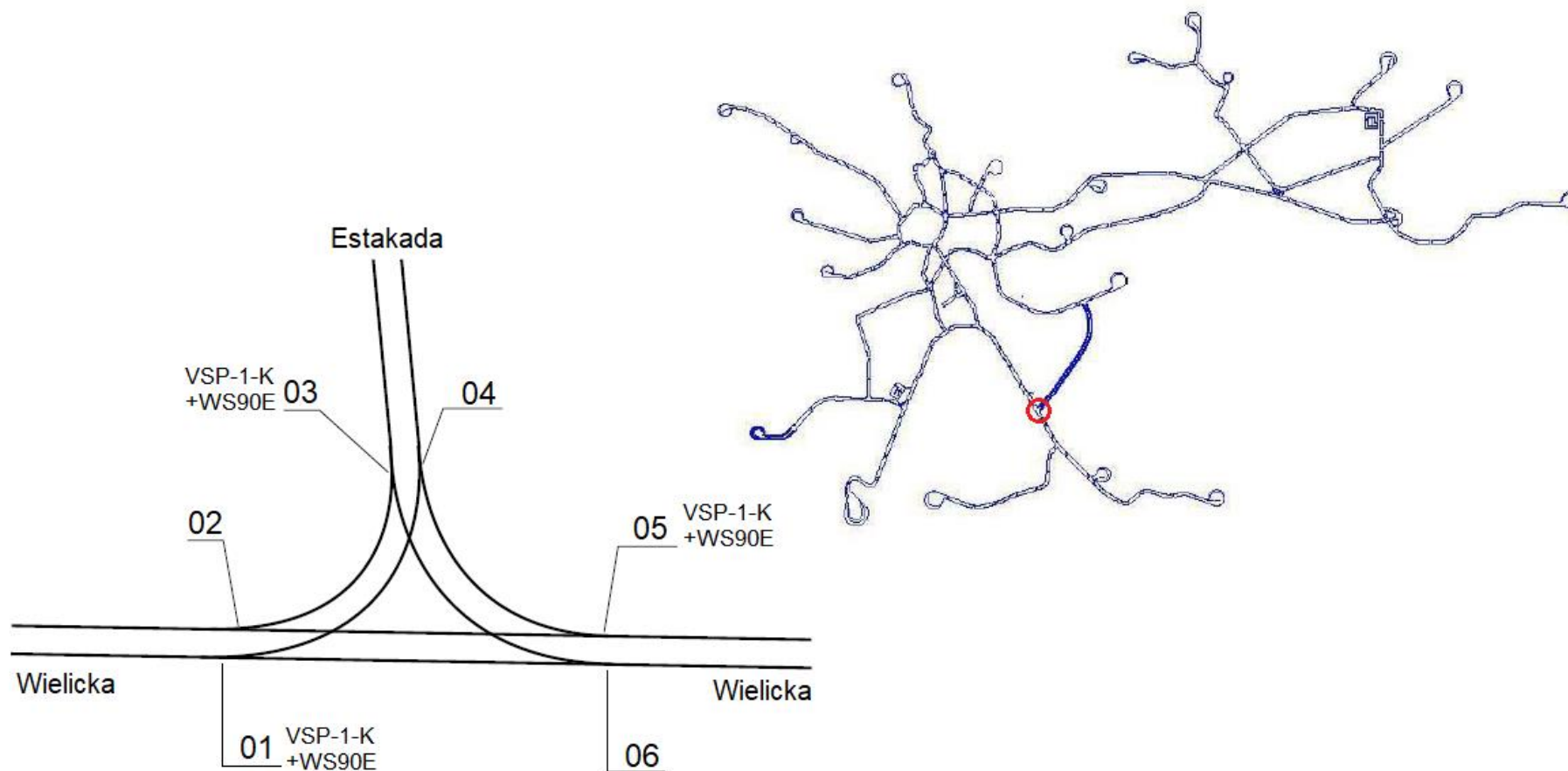
55 Kampus UJ





56 Lipska/Estakada





57 Wielicka/Estakada