

Table S1. Characteristic of the sampling points.

Point no.	Location	Characteristic	
		before change (B)	after change (A)
1	Next to the roads with medium or high traffic	a few residential houses nearby, parking	
		two-lane road, loaded by heavy traffic; green areas in the neighborhood	DTS runs parallel to Jagiellońska street at a distance of about 70 m, in the place of green areas; acoustic screens with a height of approx. 8m, admissible speed on DTS - 70km/h
2	Next to the roads with medium or high traffic	3-floor housing on one side of the road nearby	
		two-lane road, loaded by medium traffic; green areas in the neighborhood	DTS runs parallel to Franciszkańska street, at a distance of about 10 m; in the place of green areas; close proximity to exit/entry to one lane of DTS; acoustic screens with a height of approx. 8m, admissible speed on DTS - 70km/h
3	Next to the roads with medium or high traffic	industrial and production facilities, car showroom, hotel nearby	
		two-lane road, loaded by heavy traffic; green areas in the neighborhood	DTS follows the trail of Portowa street; DTS goes out of the tunnel to the ground level; admissible speed on DTS - 70km/h
4	Next to the roads with medium or high traffic	community gardens, non-usable areas, few buildings in the far neighborhood	
		two-lane road, medium traffic intensity; close proximity to 2 crossroads; large green areas nearby	DTS runs along the viaduct over Królewskiej Tamy street proximity to road junction connecting DTS with Królewskiej Tamy street (entry/exit from DTS for both directions); admissible speed on DTS - 70km/h admissible speed within the road junction - 40 km/h
5	Next to the roads with medium or high traffic	dense, 4-floor housing	
		two-lane road, loaded by heavy traffic; green area in the neighborhood	DTS runs through a tunnel under Zwycięstwa street; in the place of green area, parking and a small park above the tunnel admissible speed on DTS - 70km/h
6	Next to the roads with medium or high traffic	industrial and service facilities, green areas in the vicinity	
		two-lane road, loaded by heavy traffic; close proximity to the intersection of Śliwki street, Portowa street and Orlickiego street with traffic lights	intersection closed; DTS follows the trail of Portowa street; DTS runs along the viaduct over Śliwki and Orlickiego streets admissible speed on DTS - 70km/h

7	Next to the roads with medium or high traffic	immediate vicinity of green areas, Kłodnica river, further industrial areas and road DK 88 runs through the viaduct over Portowa street (DTS)	
		very heavy traffic; proximity of the exit/entry to one lane of DTS; near exit and entry onto DK 88 (Bytom direction), at a distance of about 200 m exit and entry onto DK 88 (Wrocław direction)	DTS follows the trail of Portowa street, very heavy traffic; in the place of the previous system of exits and entries on DK88 two turbo roundabouts were created; traffic jam during rush hour admissible speed on roundabouts - 40km/h admissible speed on DTS - 70km/h
8	neighborhood of roads with negligible car traffic	city palm house and Chopin Park nearby	
		green areas in the neighborhood; negligible car traffic 50 m from heavily traffic-loaded Dubois street	near the sampling point DTS runs along Fredry street, in depression, further down to level of the tunnel running under Zwycięstwa street (entry to the tunnel for 150m); acoustic screens with a height of approx. 6m nearby, admissible speed on DTS - 70km/h
9	neighborhood of roads with negligible car traffic	Gliwice Shopping Center (GCH) building nearby; Zwycięstwa and. Dworcowa streets at a distance of about 100m	
		small parking nearby	DTS runs through a tunnel; near measuring point tunnel exit to the Dworcowa street, in a further distance the entry to the tunnel from Dworcowa street; large parking above the tunnel; admissible speed at entries/exits - 40km/h admissible speed on DTS - 70km/h
10	neighborhood of roads with negligible car traffic	Jagiellońska street block, close proximity to 3-floor housing; blind road; length of 50 m; negligible car traffic	
		green areas in the neighborhood 50 m from heavily traffic-loaded Jagiellońska street	DTS runs in the place of green areas, in depression, going into a tunnel; approx. 10 m from the end of Św. Katarzyny street; acoustic screens with a height of approx. 8 m nearby admissible speed on DTS - 70km/h
11	areas far from roads	parking, Dubois and Sienkiewicza streets in a further distance, low traffic intensity	
		large green areas in the neighborhood	DTS runs in the place of green areas, about 5 m below the ground level; large roundabout nearby; acoustic screens on the Oncology Center's side admissible speed on DTS - 70km/h