

Project   Properties			
Topic:	Noise		
Type of prediction:	Noise (acc. to 2002/49/EC)		
Rating following::	Lden		
Project notes			

Work area				
Coordinate system:	Latvian Transversal Mercator coordinates			
Coordinate datum:	LKS92 (LV), geozentral, GRS80			
	from ...	to ...	Dimensions	Area
x /m	544420.00	553870.00	9450.00	29.77 km²
y /m	319260.00	322410.00	3150.00	
z /m	-10.00	20.00	30.00	
Terrain height in the corners				
xmin / ymax (z4)	0.00	xmax / ymax (z3)	0.00	
xmin / ymin (z1)	0.00	xmax / ymin (z2)	0.00	

Attribution of element groups to variants					
Element group	Variant 0	Paredzeta_darbiba	Fons		
Group 0	+	+	+		
Traktors	+	+			
Kogenerācijas_stacija	+	+			
Autoceli	+		+		
Ekas	+	+	+		
G	+	+	+		
Esosas_ekas	+	+	+		
Planotas_ekas	+	+			
Sukni	+	+			
Ventilācija	+	+			
Transportesana	+	+			

Available calculation areas											
Name	x min /m	x max /m	y min /m	y max /m	dx /m	dy /m	nx	ny	Reference	Height/m	Range
Grid 0	547888.53	550558.00	319480.98	321368.18	5.00	5.00	534	378	relative	4.00	Land-use only

Calculation parameters	Copy from "Reference Setting"		
Calculation model: General	Point calculation	Grid calculation	
Adapt assessment area seamlessly to the receiver position			
L /m			
Terrain ridges as obstacles	Yes	Yes	
Improved interpolation in boundary areas	Yes	Yes	
Free field in front of refl. surfaces/m			
acc. to sources	1.0	1.0	
acc. to immission points	1.0	1.0	
House: white border in grid	No	No	
Intermediate messages:	No	No	
Calculation model: Parameters	"reference settings"	"reference settings"	
Limiting range of sound sources:			
* Limit the search radius (distance source-IP):	No	No	
* minimum level difference /dB:	No	No	
Projection of line sound sources	Yes	Yes	
Projection of area sound sources	Yes	Yes	
Limit projection	No	No	
* Radius /m around source:			
* Radius /m around IP:			
Minimum length for sections /m	1.0	1.0	
Variable min. length for sections:			
* in percent of the distance from the IP source	No	No	

Add. factor for distance criterion	1.0	1.0		
Barrier attenuation differing from guideline:	No	No		
* Cut-off limit for insertion loss:				
* Limit /dB for single screens:				
* Limit /dB for multiple screens:				
Calculate attenuation for VDI 2720, ISO9613				
* Lateral pathway	Yes	Yes		
* Lateral pathway for image sources	No	No		
Reflection				
Reflection (max. order)	1	1		
Limit the search radius (distance source-IP):	No	No		
* Search radius /m				
Limiting range of reflecting surfaces /m:				
* Radius around source or IP /m:	No	No		
* minimum level difference /dB:	No	No		
Image source from projection	Yes	Yes		
No refl. if entirely screened	Yes	Yes		
Save rays as help lines	No	No		
section control				
Section control acc. Schall 03 [2012]:	Yes	Yes		
Section control for other calculation methods, too:	No	No		
accelerated iteration (approximation):	No	No		
requested accuracy /dB:	0.1	0.1		
show intermediate results:	No	No		

Global parameters	Copy from "Reference Setting"					
Default for G outside DBOD-elements	0.50					
Temperature /°C	10					
Relative humidity /%	70					
Living area per inhab-/m² (=0.8*gross)	40.00					
Average storey height /m	2.80					
Simplified meteorology (Guideline Int. Comp. Methods):	Day	Evening	Night			
Simplified meteorology (Guideline Int. Comp. Methods):	2.00	1.00	0.00			

Parameters of library: XP S 31-133	Copy from "Reference Setting"					
Vertical offset of the sound source /m	0.50					
Selection of meteo parameters according to appendix 1						
Day (12h)	Latvia					
Night (8h)	Latvia					
Evening (4h)	Latvia					
Accounts for vegetation	No					
Accounts for housing	No					
Accounts for ground effect	Yes					

Rating periods					
T1	Day (12h)				
T2	Evening (4h)				
T3	Night (8h)				
T4	DEN				

Help line (32)						Fons
Element	Name	Group	Display	Number of nodes	Length/ m	Area /m²
HLIN001	LÄŕcpĀĀi	Group 0	HLIN	10	201.52	---
HLIN002	Liepkaļni	Group 0	HLIN	5	213.17	---
HLIN003	RobiĀti	Group 0	HLIN	9	199.50	---
HLIN004	BomĀĀi	Group 0	HLIN	6	232.96	---
HLIN005		Group 0	HLIN	5	129.14	---

HLIN006	RĀjumi	Group 0	HLIN	8	216.10	---
HLIN007	Purkalni	Group 0	HLIN	9	301.81	---
HLIN008	Stiklakalns	Group 0	HLIN	5	199.89	---
HLIN009	Pumpuri	Group 0	HLIN	5	127.54	---
HLIN010	MĀrnieki	Group 0	HLIN	5	146.77	---
HLIN011	SkubiĀti	Group 0	HLIN	5	150.32	---
HLIN012	PĀrRāgi	Group 0	HLIN	5	123.16	---
HLIN013	ImantĀti	Group 0	HLIN	5	154.29	---
HLIN014	KaĀ%Ā%āi	Group 0	HLIN	5	141.10	---
HLIN015	NoriĀtas	Group 0	HLIN	10	261.94	---
HLIN016	Upmalas	Group 0	HLIN	6	239.95	---
HLIN017		Group 0	HLIN	5	132.76	---
HLIN018	NoĀpĀdas	Group 0	HLIN	5	194.27	---
HLIN019	Greznkalns	Group 0	HLIN	5	248.01	---
HLIN020	ĀĒbelĀtes	Group 0	HLIN	5	227.04	---
HLIN021		Group 0	HLIN	6	94.60	---
HLIN022		Group 0	HLIN	10	244.70	---
HLIN023		Group 0	HLIN	10	272.48	---
HLIN024		Group 0	HLIN	7	167.96	---
HLIN025		Group 0	HLIN	15	405.22	---
HLIN026	PĀpoli	Group 0	HLIN	7	164.59	---
HLIN027		Group 0	HLIN	27	752.99	---
HLIN028	CeĀ%malĀtes	Group 0	HLIN	9	180.43	---
HLIN029	KrastiĀti	Group 0	HLIN	12	225.98	---
HLIN030	Ezergulbji	Group 0	HLIN	9	292.46	---
HLIN031	Ezerklani	Group 0	HLIN	5	177.89	---
HLIN054	HLIN	Group 0	HLIN	5	25.28	---

Receiver point (3)						Fons
Element	Name	Group	Display	Number of nodes	Length/ m	Area /m²
IPkt001		Group 0	IPkt	1	---	---
IPkt002	IPkt	Group 0	IPkt	1	---	---
IPkt003	IPkt	Group 0	IPkt	1	---	---

Land-use zone (1)						Fons
Element	Name	Group	Display	Number of nodes	Length/ m	Area /m²
NuGe001	NuGe	Group 0	NuGe	5	9074.77	4994027.04

Building (132)						Fons
Element	Name	Group	Display	Number of nodes	Length/ m	Area /m²
HAUS001	Haus	Ekas	HAUS	5	41.53	101.85
HAUS002	Haus	Ekas	HAUS	9	73.76	272.03
HAUS003	Haus	Ekas	HAUS	5	72.94	319.74
HAUS004	Haus	Ekas	HAUS	5	44.02	116.22
HAUS005	Haus	Ekas	HAUS	5	56.66	197.38
HAUS006	Haus	Ekas	HAUS	7	80.29	294.34
HAUS007	Haus	Ekas	HAUS	5	50.66	153.88
HAUS008	Haus	Ekas	HAUS	5	78.71	287.54
HAUS009	Haus	Ekas	HAUS	5	56.51	169.20
HAUS010	Haus	Ekas	HAUS	5	50.67	138.72
HAUS011	Haus	Ekas	HAUS	5	43.98	119.74
HAUS012	Haus	Ekas	HAUS	7	57.96	152.54
HAUS013	Haus	Ekas	HAUS	5	105.37	478.01
HAUS014	Haus	Ekas	HAUS	5	112.28	319.67
HAUS015	Haus	Ekas	HAUS	9	44.89	101.59
HAUS016	Haus	Ekas	HAUS	5	96.35	371.02
HAUS017	Haus	Ekas	HAUS	5	26.58	37.36
HAUS018	Haus	Ekas	HAUS	5	43.44	117.94
HAUS019	Haus	Ekas	HAUS	5	46.35	114.01
HAUS020	Haus	Ekas	HAUS	5	40.79	102.33

HAUS021	Haus	Ekas	HAUS	8	121.84	674.02
HAUS022	Haus	Ekas	HAUS	7	112.67	543.36
HAUS023	Haus	Ekas	HAUS	5	40.46	97.97
HAUS024	Haus	Ekas	HAUS	5	43.64	106.71
HAUS025	Haus	Ekas	HAUS	5	40.81	101.56
HAUS026	Haus	Ekas	HAUS	7	172.20	960.46
HAUS028	Haus	Ekas	HAUS	9	75.14	237.90
HAUS029	Haus	Ekas	HAUS	5	133.05	668.97
HAUS030	Haus	Ekas	HAUS	5	37.51	74.16
HAUS031	Haus	Ekas	HAUS	11	78.20	214.07
HAUS032	Haus	Ekas	HAUS	5	54.70	180.79
HAUS033	Haus	Ekas	HAUS	7	38.82	71.84
HAUS034	Haus	Ekas	HAUS	7	53.25	153.16
HAUS035	Haus	Ekas	HAUS	9	105.66	457.76
HAUS037	Haus	Ekas	HAUS	5	41.42	98.85
HAUS038	Haus	Ekas	HAUS	6	86.65	399.96
HAUS039	Haus	Ekas	HAUS	7	76.54	297.74
HAUS040	Haus	Ekas	HAUS	5	36.29	76.61
HAUS041	Haus	Ekas	HAUS	5	46.13	129.93
HAUS042	Haus	Ekas	HAUS	9	63.82	203.24
HAUS043	Haus	Ekas	HAUS	9	81.35	286.69
HAUS044	Haus	Ekas	HAUS	5	46.79	114.93
HAUS045	Haus	Ekas	HAUS	5	50.47	156.43
HAUS046	Haus	Ekas	HAUS	5	59.73	200.41
HAUS047	Haus	Ekas	HAUS	5	68.16	241.68
HAUS048	Haus	Ekas	HAUS	5	55.91	179.15
HAUS049	Haus	Ekas	HAUS	9	75.45	214.27
HAUS050	Haus	Ekas	HAUS	9	67.67	209.91
HAUS051	Haus	Ekas	HAUS	5	38.91	91.97
HAUS052	Haus	Ekas	HAUS	5	53.33	171.10
HAUS053	Haus	Ekas	HAUS	5	60.22	207.45
HAUS054	Haus	Ekas	HAUS	9	249.56	1370.88
HAUS055	Haus	Ekas	HAUS	5	42.55	104.71
HAUS056	Haus	Ekas	HAUS	5	37.45	87.53
HAUS057	Haus	Ekas	HAUS	9	66.14	201.44
HAUS058	Haus	Ekas	HAUS	7	74.14	235.32
HAUS059	Haus	Ekas	HAUS	5	62.78	155.05
HAUS060	Haus	Ekas	HAUS	5	92.61	480.00
HAUS061	Haus	Ekas	HAUS	5	50.95	154.82
HAUS062	Haus	Ekas	HAUS	5	39.96	99.72
HAUS063	Haus	Ekas	HAUS	7	40.17	84.26
HAUS064	Haus	Ekas	HAUS	7	119.54	472.23
HAUS065	Haus	Ekas	HAUS	5	60.98	204.49
HAUS066	Haus	Ekas	HAUS	5	40.79	103.95
HAUS067	Haus	Ekas	HAUS	5	42.33	111.39
HAUS068	Haus	Ekas	HAUS	9	60.49	167.07
HAUS069	Haus	Ekas	HAUS	7	61.78	175.05
HAUS070	Haus	Ekas	HAUS	5	71.78	255.06
HAUS071	Haus	Ekas	HAUS	5	68.64	261.58
HAUS073	Haus	Ekas	HAUS	5	40.48	99.51
HAUS074	Haus	Ekas	HAUS	5	94.19	521.23
HAUS075	Haus	Ekas	HAUS	5	44.68	115.52
HAUS076	Haus	Ekas	HAUS	7	51.08	134.77
HAUS077	Haus	Ekas	HAUS	5	79.20	330.15
HAUS078	Haus	Ekas	HAUS	5	45.93	129.06
HAUS079	Haus	Ekas	HAUS	5	57.51	182.43
HAUS080	Haus	Ekas	HAUS	5	51.13	126.65
HAUS081	Haus	Ekas	HAUS	5	59.62	187.25
HAUS082	Haus	Ekas	HAUS	5	52.56	168.61
HAUS083	Haus	Ekas	HAUS	5	37.89	89.17
HAUS084	Haus	Ekas	HAUS	5	42.13	108.19

HAUS085	Haus	Ekas	HAUS	5	37.66	85.58
HAUS086	Haus	Ekas	HAUS	5	54.73	179.15
HAUS087	Haus	Ekas	HAUS	5	57.93	194.65
HAUS088	Haus	Ekas	HAUS	5	41.53	101.85
HAUS089	Haus	Ekas	HAUS	5	70.13	270.09
HAUS090	Haus	Ekas	HAUS	5	61.23	225.07
HAUS091	Haus	Ekas	HAUS	9	75.90	250.51
HAUS092	Haus	Ekas	HAUS	7	45.37	104.82
HAUS093	Haus	Ekas	HAUS	5	67.74	261.96
HAUS094	Haus	Ekas	HAUS	9	103.85	491.44
HAUS095	Haus	Ekas	HAUS	5	53.26	172.53
HAUS096	Haus	Ekas	HAUS	9	86.84	259.61
HAUS098	Haus	Ekas	HAUS	7	55.27	159.28
HAUS099	Haus	Ekas	HAUS	5	51.54	165.87
HAUS100	Haus	Ekas	HAUS	5	62.19	238.84
HAUS101	Haus	Ekas	HAUS	7	63.70	186.42
HAUS102	Haus	Ekas	HAUS	9	56.79	144.90
HAUS103	Haus	Ekas	HAUS	5	55.38	189.31
HAUS104	Haus	Ekas	HAUS	5	103.46	483.10
HAUS105	Haus	Ekas	HAUS	5	41.81	105.33
HAUS106	Haus	Ekas	HAUS	5	40.11	95.83
HAUS108	E	Esosas_ekas	HAUS	37	116.09	1069.76
HAUS109	E	Esosas_ekas	HAUS	37	116.09	1069.76
HAUS110	E	Esosas_ekas	HAUS	37	116.09	1069.76
HAUS111	E	Esosas_ekas	HAUS	37	116.09	1069.76
HAUS112	E	Esosas_ekas	HAUS	15	144.57	1068.17
HAUS113	E	Esosas_ekas	HAUS	37	51.46	210.17
HAUS114	E	Esosas_ekas	HAUS	37	51.46	210.17
HAUS115	E	Esosas_ekas	HAUS	19	152.25	799.64
HAUS116	E	Esosas_ekas	HAUS	7	109.78	413.96
HAUS117	E	Esosas_ekas	HAUS	38	92.98	647.55
HAUS118	E	Esosas_ekas	HAUS	85	16.40	21.40
HAUS119	E	Esosas_ekas	HAUS	85	16.40	21.40
HAUS120	E	Esosas_ekas	HAUS	85	16.40	21.40
HAUS121	E	Esosas_ekas	HAUS	85	16.40	21.40
HAUS122	E	Esosas_ekas	HAUS	5	13.72	11.35
HAUS123	E	Esosas_ekas	HAUS	5	13.73	11.32
HAUS124	E	Esosas_ekas	HAUS	5	13.72	11.33
HAUS125	E	Esosas_ekas	HAUS	5	111.35	544.23
HAUS126	E	Esosas_ekas	HAUS	5	96.94	550.75
HAUS137	E	Esosas_ekas	HAUS	5	144.98	1262.88
HAUS138	E	Esosas_ekas	HAUS	11	191.23	1416.05
HAUS139	E	Esosas_ekas	HAUS	9	191.29	1411.45
HAUS140	E	Esosas_ekas	HAUS	9	189.76	2122.42
HAUS141	E	Esosas_ekas	HAUS	5	194.68	1482.22
HAUS142	E	Esosas_ekas	HAUS	6	195.15	1497.34
HAUS143	E	Esosas_ekas	HAUS	9	200.78	1476.03
HAUS144	E	Esosas_ekas	HAUS	6	46.59	112.82
HAUS145	E	Esosas_ekas	HAUS	6	123.74	782.14
HAUS146	E	Esosas_ekas	HAUS	6	85.82	377.05
HAUS148	E*	Esosas_ekas	HAUS	9	261.31	3605.52

Ground effect (69)					Fons	
Element	Name	Group	Display	Number of nodes	Length/ m	Area /m²
DBod001	DBod	G	DBod	10	242.98	2611.00
DBod002	DBod	G	DBod	7	125.87	950.10
DBod003	DBod	G	DBod	29	520.28	18005.55
DBod004	DBod	G	DBod	5	150.88	1236.20
DBod005	DBod	G	DBod	43	499.28	4277.12
DBod006	DBod	G	DBod	81	1467.88	41583.37
DBod007	DBod	G	DBod	66	2518.58	235556.33

DBod008	DBod	G	DBod	5	197.89	2079.45
DBod009	DBod	G	DBod	13	161.21	1104.81
DBod010	DBod	G	DBod	16	361.15	2362.60
DBod011	DBod	G	DBod	5	144.54	833.49
DBod012	DBod	G	DBod	6	142.33	1046.08
DBod013	DBod	G	DBod	10	321.58	6025.05
DBod014	DBod	G	DBod	10	237.31	2089.47
DBod015	DBod	G	DBod	5	130.27	1048.76
DBod016	DBod	G	DBod	5	113.61	793.79
DBod017	DBod	G	DBod	17	369.76	3882.06
DBod018	DBod	G	DBod	17	905.29	33150.27
DBod019	DBod	G	DBod	9	205.42	1342.77
DBod020	DBod	G	DBod	7	214.52	1806.49
DBod021	DBod	G	DBod	6	152.94	1082.05
DBod022	DBod	G	DBod	5	206.60	2121.80
DBod023	DBod	G	DBod	8	292.69	4927.89
DBod024	DBod	G	DBod	10	201.52	2100.47
DBod025	DBod	G	DBod	5	213.17	2745.06
DBod026	DBod	G	DBod	9	199.50	2075.36
DBod027	DBod	G	DBod	6	232.96	3206.91
DBod028	DBod	G	DBod	5	129.14	1037.89
DBod029	DBod	G	DBod	8	216.10	2391.17
DBod030	DBod	G	DBod	9	301.81	4073.71
DBod031	DBod	G	DBod	5	199.89	2428.88
DBod032	DBod	G	DBod	5	127.54	988.16
DBod033	DBod	G	DBod	5	146.77	1332.63
DBod034	DBod	G	DBod	5	150.32	1408.62
DBod035	DBod	G	DBod	5	123.16	909.54
DBod036	DBod	G	DBod	5	154.29	1484.97
DBod037	DBod	G	DBod	5	141.10	1242.44
DBod038	DBod	G	DBod	10	261.94	2545.51
DBod039	DBod	G	DBod	6	239.95	3059.40
DBod040	DBod	G	DBod	5	132.76	1072.41
DBod041	DBod	G	DBod	5	194.27	2315.40
DBod042	DBod	G	DBod	5	248.01	3816.16
DBod043	DBod	G	DBod	5	227.04	3206.28
DBod044	DBod	G	DBod	6	94.60	495.63
DBod045	DBod	G	DBod	10	244.70	3243.55
DBod046	DBod	G	DBod	10	272.48	2549.45
DBod047	DBod	G	DBod	7	167.96	1787.36
DBod048	DBod	G	DBod	15	405.22	6620.04
DBod049	DBod	G	DBod	7	164.59	1576.69
DBod050	DBod	G	DBod	27	752.99	13037.27
DBod051	DBod	G	DBod	9	180.43	1622.67
DBod052	DBod	G	DBod	12	225.98	2657.53
DBod053	DBod	G	DBod	9	292.46	2988.57
DBod054	DBod	G	DBod	5	177.89	1740.07
DBod055	DBod	G	DBod	7	125.87	950.10
DBod056	DBod	G	DBod	29	520.28	18005.55
DBod057	DBod	G	DBod	43	499.28	4277.12
DBod058	DBod	G	DBod	81	1467.88	41583.37
DBod059	DBod	G	DBod	66	2518.58	235556.33
DBod060	DBod	G	DBod	5	197.89	2079.45
DBod061	DBod	G	DBod	13	161.21	1104.81
DBod062	DBod	G	DBod	16	361.15	2362.60
DBod063	DBod	G	DBod	5	144.54	833.49
DBod064	DBod	G	DBod	10	321.58	6025.05
DBod065	DBod	G	DBod	10	237.31	2089.47
DBod066	DBod	G	DBod	17	905.29	33150.27
DBod067	DBod	G	DBod	5	206.60	2121.80
DBod068	DBod	G	DBod	8	292.69	4927.89

DBod069	DBod	G	DBod	39	1403.71	99770.83
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Compass (1)						Fons
Element	Name	Group	Display	Number of nodes	Length/ m	Area /m²
NPfi001	NORDPFEIL	Group 0	NPfi	1	---	---

Contour line, area (58)						Fons
Element	Name	Group	Display	Number of nodes	Length/ m	Area /m²
CONT001	0-Day (12h) ID10002	Group 0	CONT	622	9071.67	1038388.31
CONT002	0-Day (12h) ID10000	Group 0	CONT	611	10071.19	435516.57
CONT003	0-Day (12h) ID10001	Group 0	CONT	509	9665.76	179229.87
CONT004	0-Day (12h) ID10003	Group 0	CONT	233	5054.09	49517.40
CONT005	0-Day (12h) ID10006	Group 0	CONT	105	632.11	11446.40
CONT006	0-Day (12h) ID10004	Group 0	CONT	97	897.44	8698.39
CONT007	0-Day (12h) ID10008	Group 0	CONT	48	275.70	3703.04
CONT008	0-Day (12h) ID10009	Group 0	CONT	48	252.68	3211.44
CONT009	0-Day (12h) ID10011	Group 0	CONT	25	218.60	2837.91
CONT010	0-Day (12h) ID10015	Group 0	CONT	36	193.62	2378.51
CONT011	0-Day (12h) ID10005	Group 0	CONT	95	853.59	1377.17
CONT012	0-Day (12h) ID10013	Group 0	CONT	38	196.95	1314.48
CONT013	0-Day (12h) ID10007	Group 0	CONT	78	512.81	1190.22
CONT014	0-Day (12h) ID10014	Group 0	CONT	35	195.36	1185.44
CONT015	0-Day (12h) ID10010	Group 0	CONT	44	239.79	1037.88
CONT016	0-Day (12h) ID10018	Group 0	CONT	28	134.21	992.45
CONT017	0-Day (12h) ID10016	Group 0	CONT	33	182.11	880.07
CONT018	0-Day (12h) ID10019	Group 0	CONT	21	104.01	806.85
CONT019	0-Day (12h) ID10022	Group 0	CONT	18	90.62	606.60
CONT020	0-Day (12h) ID10012	Group 0	CONT	10	214.51	326.92
CONT021	0-Day (12h) ID10034	Group 0	CONT	14	60.89	281.44
CONT022	0-Day (12h) ID10017	Group 0	CONT	27	167.36	258.13
CONT023	0-Day (12h) ID10020	Group 0	CONT	17	97.13	195.47
CONT024	0-Day (12h) ID10028	Group 0	CONT	12	64.78	165.68
CONT025	0-Day (12h) ID10039	Group 0	CONT	10	47.36	138.13
CONT026	0-Day (12h) ID10032	Group 0	CONT	13	62.12	132.81
CONT027	0-Day (12h) ID10023	Group 0	CONT	10	90.31	127.52
CONT028	0-Day (12h) ID10041	Group 0	CONT	9	42.04	113.29
CONT029	0-Day (12h) ID10025	Group 0	CONT	10	78.08	109.73
CONT030	0-Day (12h) ID10024	Group 0	CONT	16	90.21	104.88
CONT031	0-Day (12h) ID10037	Group 0	CONT	10	48.28	99.06
CONT032	0-Day (12h) ID10043	Group 0	CONT	11	40.81	94.30
CONT033	0-Day (12h) ID10038	Group 0	CONT	11	47.74	93.03
CONT034	0-Day (12h) ID10027	Group 0	CONT	9	65.68	92.42
CONT035	0-Day (12h) ID10026	Group 0	CONT	9	66.09	90.47
CONT036	0-Day (12h) ID10030	Group 0	CONT	9	63.71	88.75
CONT037	0-Day (12h) ID10031	Group 0	CONT	9	63.00	88.67
CONT038	0-Day (12h) ID10033	Group 0	CONT	9	61.49	87.27
CONT039	0-Day (12h) ID10029	Group 0	CONT	8	63.72	86.77
CONT040	0-Day (12h) ID10045	Group 0	CONT	9	39.44	83.90
CONT041	0-Day (12h) ID10047	Group 0	CONT	10	33.81	82.27
CONT042	0-Day (12h) ID10048	Group 0	CONT	8	33.47	77.59
CONT043	0-Day (12h) ID10035	Group 0	CONT	9	57.04	72.14
CONT044	0-Day (12h) ID10021	Group 0	CONT	11	95.57	63.00
CONT045	0-Day (12h) ID10040	Group 0	CONT	7	46.36	58.72
CONT046	0-Day (12h) ID10049	Group 0	CONT	8	30.33	50.13
CONT047	0-Day (12h) ID10046	Group 0	CONT	9	34.46	47.84
CONT048	0-Day (12h) ID10036	Group 0	CONT	12	52.03	47.26
CONT049	0-Day (12h) ID10042	Group 0	CONT	10	41.36	42.71
CONT050	0-Day (12h) ID10044	Group 0	CONT	8	40.07	37.64
CONT051	0-Day (12h) ID10050	Group 0	CONT	6	24.17	33.91
CONT052	0-Day (12h) ID10051	Group 0	CONT	7	23.71	33.70

CONT053	0-Day (12h) ID10052	Group 0	CONT	5	21.92	29.20
CONT054	0-Day (12h) ID10055	Group 0	CONT	6	21.24	27.22
CONT055	0-Day (12h) ID10054	Group 0	CONT	7	21.62	24.73
CONT056	0-Day (12h) ID10056	Group 0	CONT	6	20.69	20.92
CONT057	0-Day (12h) ID10057	Group 0	CONT	7	18.79	17.29
CONT058	0-Day (12h) ID10058	Group 0	CONT	5	16.65	14.44

Road /XP S 31-133 (6)						Fons
Element	Name	Group	Display	Number of nodes	Length/ m	Area /m²
R96_001	V70	Autoceli	R96_	92	4296.81	---
R96_003	P3	Autoceli	R96_	45	4600.25	---
R96_004	P3	Autoceli	R96_	15	969.15	---
R96_005	P3	Autoceli	R96_	69	4426.01	---
R96_006	V58	Autoceli	R96_	17	909.41	---
R96_007	V58	Autoceli	R96_	16	1354.25	---

Gradients and gradient correction DStg for roads										
Element	Name	Section	s /m	ds /m	Gradient /%	Gradient /%	Dstg /dB	Dstg /dB	Dstg /dB	Hint
			m	m	coord.	for calc.	Day (12h)	Night (8h)	Evening (4h)	
R96_001	V70	1	0.00	54.28	0.00	0.00	0.00	0.00	0.00	Max.
		2	54.28	56.33	0.00	0.00	0.00	0.00	0.00	
		3	110.61	41.66	0.00	0.00	0.00	0.00	0.00	
		4	152.27	40.52	0.00	0.00	0.00	0.00	0.00	
		5	192.79	32.00	0.00	0.00	0.00	0.00	0.00	
		6	224.79	36.14	0.00	0.00	0.00	0.00	0.00	
		7	260.93	42.90	0.00	0.00	0.00	0.00	0.00	
		8	303.82	29.46	0.00	0.00	0.00	0.00	0.00	
		9	333.28	30.02	0.00	0.00	0.00	0.00	0.00	
		10	363.30	30.24	0.00	0.00	0.00	0.00	0.00	
		11	393.54	33.90	0.00	0.00	0.00	0.00	0.00	
		12	427.44	50.59	0.00	0.00	0.00	0.00	0.00	
		13	478.03	95.77	0.00	0.00	0.00	0.00	0.00	
		14	573.80	54.06	0.00	0.00	0.00	0.00	0.00	
		15	627.86	60.29	0.00	0.00	0.00	0.00	0.00	
		16	688.15	59.90	0.00	0.00	0.00	0.00	0.00	
		17	748.05	41.08	0.00	0.00	0.00	0.00	0.00	
		18	789.13	45.02	0.00	0.00	0.00	0.00	0.00	
		19	834.15	44.84	0.00	0.00	0.00	0.00	0.00	
		20	878.99	29.65	0.00	0.00	0.00	0.00	0.00	
		21	908.64	24.53	0.00	0.00	0.00	0.00	0.00	
		22	933.17	28.31	0.00	0.00	0.00	0.00	0.00	
		23	961.48	43.31	0.00	0.00	0.00	0.00	0.00	
		24	1004.79	59.25	0.00	0.00	0.00	0.00	0.00	
		25	1064.04	21.31	0.00	0.00	0.00	0.00	0.00	
		26	1085.34	24.95	0.00	0.00	0.00	0.00	0.00	
		27	1110.30	48.76	0.00	0.00	0.00	0.00	0.00	
		28	1159.06	35.27	0.00	0.00	0.00	0.00	0.00	
		29	1194.32	46.83	0.00	0.00	0.00	0.00	0.00	
		30	1241.16	23.00	0.00	0.00	0.00	0.00	0.00	
		31	1264.15	64.36	0.00	0.00	0.00	0.00	0.00	
		32	1328.51	44.65	0.00	0.00	0.00	0.00	0.00	
		33	1373.16	43.94	0.00	0.00	0.00	0.00	0.00	
		34	1417.10	33.11	0.00	0.00	0.00	0.00	0.00	
		35	1450.20	25.19	0.00	0.00	0.00	0.00	0.00	
		36	1475.39	40.84	0.00	0.00	0.00	0.00	0.00	
		37	1516.24	72.85	0.00	0.00	0.00	0.00	0.00	
		38	1589.09	29.97	0.00	0.00	0.00	0.00	0.00	
		39	1619.05	52.91	0.00	0.00	0.00	0.00	0.00	
		40	1671.96	29.99	0.00	0.00	0.00	0.00	0.00	
		41	1701.96	27.24	0.00	0.00	0.00	0.00	0.00	



		42	1729.20	70.83	0.00	0.00	0.00	0.00	0.00	
		43	1800.03	39.98	0.00	0.00	0.00	0.00	0.00	
		44	1840.00	27.97	0.00	0.00	0.00	0.00	0.00	
		45	1867.98	52.39	0.00	0.00	0.00	0.00	0.00	
		46	1920.36	36.62	0.00	0.00	0.00	0.00	0.00	
		47	1956.98	47.57	0.00	0.00	0.00	0.00	0.00	
		48	2004.55	23.79	0.00	0.00	0.00	0.00	0.00	
		49	2028.34	19.18	0.00	0.00	0.00	0.00	0.00	
		50	2047.53	15.41	0.00	0.00	0.00	0.00	0.00	
		51	2062.94	25.83	0.00	0.00	0.00	0.00	0.00	
		52	2088.77	35.98	0.00	0.00	0.00	0.00	0.00	
		53	2124.75	39.90	0.00	0.00	0.00	0.00	0.00	
		54	2164.65	29.23	0.00	0.00	0.00	0.00	0.00	
		55	2193.88	54.30	0.00	0.00	0.00	0.00	0.00	
		56	2248.19	39.43	0.00	0.00	0.00	0.00	0.00	
		57	2287.61	35.10	0.00	0.00	0.00	0.00	0.00	
		58	2322.71	23.45	0.00	0.00	0.00	0.00	0.00	
		59	2346.16	24.02	0.00	0.00	0.00	0.00	0.00	
		60	2370.18	94.26	0.00	0.00	0.00	0.00	0.00	
		61	2464.44	28.53	0.00	0.00	0.00	0.00	0.00	
		62	2492.97	31.89	0.00	0.00	0.00	0.00	0.00	
		63	2524.86	32.86	0.00	0.00	0.00	0.00	0.00	
		64	2557.73	45.01	0.00	0.00	0.00	0.00	0.00	
		65	2602.73	37.30	0.00	0.00	0.00	0.00	0.00	
		66	2640.03	25.18	0.00	0.00	0.00	0.00	0.00	
		67	2665.22	23.95	0.00	0.00	0.00	0.00	0.00	
		68	2689.16	31.94	0.00	0.00	0.00	0.00	0.00	
		69	2721.11	95.95	0.00	0.00	0.00	0.00	0.00	
		70	2817.06	47.76	0.00	0.00	0.00	0.00	0.00	
		71	2864.82	88.08	0.00	0.00	0.00	0.00	0.00	
		72	2952.90	38.94	0.00	0.00	0.00	0.00	0.00	
		73	2991.84	34.35	0.00	0.00	0.00	0.00	0.00	
		74	3026.19	106.69	0.00	0.00	0.00	0.00	0.00	
		75	3132.88	85.96	0.00	0.00	0.00	0.00	0.00	
		76	3218.84	67.17	0.00	0.00	0.00	0.00	0.00	
		77	3286.01	101.34	0.00	0.00	0.00	0.00	0.00	
		78	3387.36	176.10	0.00	0.00	0.00	0.00	0.00	
		79	3563.46	195.74	0.00	0.00	0.00	0.00	0.00	
		80	3759.20	103.69	0.00	0.00	0.00	0.00	0.00	
		81	3862.89	65.41	0.00	0.00	0.00	0.00	0.00	
		82	3928.29	40.15	0.00	0.00	0.00	0.00	0.00	
		83	3968.44	61.23	0.00	0.00	0.00	0.00	0.00	
		84	4029.67	87.42	0.00	0.00	0.00	0.00	0.00	
		85	4117.09	26.71	0.00	0.00	0.00	0.00	0.00	
		86	4143.79	22.03	0.00	0.00	0.00	0.00	0.00	
		87	4165.83	28.40	0.00	0.00	0.00	0.00	0.00	
		88	4194.23	36.46	0.00	0.00	0.00	0.00	0.00	
		89	4230.69	20.77	0.00	0.00	0.00	0.00	0.00	
		90	4251.46	20.12	0.00	0.00	0.00	0.00	0.00	
		91	4271.58	25.23	0.00	0.00	0.00	0.00	0.00	
R96_003	P3	1	0.00	61.49	0.00	0.00	0.00	0.00	0.00	Max.
		2	61.49	59.94	0.00	0.00	0.00	0.00	0.00	
		3	121.43	60.43	0.00	0.00	0.00	0.00	0.00	
		4	181.87	68.23	0.00	0.00	0.00	0.00	0.00	
		5	250.10	39.50	0.00	0.00	0.00	0.00	0.00	
		6	289.60	114.52	0.00	0.00	0.00	0.00	0.00	
		7	404.11	213.71	0.00	0.00	0.00	0.00	0.00	
		8	617.82	326.85	0.00	0.00	0.00	0.00	0.00	
		9	944.67	239.68	0.00	0.00	0.00	0.00	0.00	
		10	1184.35	207.31	0.00	0.00	0.00	0.00	0.00	
		11	1391.66	261.75	0.00	0.00	0.00	0.00	0.00	

		12	1653.41	258.80	0.00	0.00	0.00	0.00	0.00	
		13	1912.21	124.16	0.00	0.00	0.00	0.00	0.00	
		14	2036.36	90.42	0.00	0.00	0.00	0.00	0.00	
		15	2126.78	88.44	0.00	0.00	0.00	0.00	0.00	
		16	2215.22	108.65	0.00	0.00	0.00	0.00	0.00	
		17	2323.87	67.43	0.00	0.00	0.00	0.00	0.00	
		18	2391.30	59.90	0.00	0.00	0.00	0.00	0.00	
		19	2451.20	73.16	0.00	0.00	0.00	0.00	0.00	
		20	2524.37	90.52	0.00	0.00	0.00	0.00	0.00	
		21	2614.89	90.32	0.00	0.00	0.00	0.00	0.00	
		22	2705.21	96.74	0.00	0.00	0.00	0.00	0.00	
		23	2801.95	104.13	0.00	0.00	0.00	0.00	0.00	
		24	2906.08	85.03	0.00	0.00	0.00	0.00	0.00	
		25	2991.11	78.93	0.00	0.00	0.00	0.00	0.00	
		26	3070.04	74.55	0.00	0.00	0.00	0.00	0.00	
		27	3144.59	102.39	0.00	0.00	0.00	0.00	0.00	
		28	3246.98	153.14	0.00	0.00	0.00	0.00	0.00	
		29	3400.12	167.46	0.00	0.00	0.00	0.00	0.00	
		30	3567.58	87.34	0.00	0.00	0.00	0.00	0.00	
		31	3654.92	92.63	0.00	0.00	0.00	0.00	0.00	
		32	3747.55	78.10	0.00	0.00	0.00	0.00	0.00	
		33	3825.65	75.83	0.00	0.00	0.00	0.00	0.00	
		34	3901.48	70.53	0.00	0.00	0.00	0.00	0.00	
		35	3972.01	91.97	0.00	0.00	0.00	0.00	0.00	
		36	4063.98	86.80	0.00	0.00	0.00	0.00	0.00	
		37	4150.78	62.31	0.00	0.00	0.00	0.00	0.00	
		38	4213.09	65.18	0.00	0.00	0.00	0.00	0.00	
		39	4278.27	89.24	0.00	0.00	0.00	0.00	0.00	
		40	4367.51	48.90	0.00	0.00	0.00	0.00	0.00	
		41	4416.40	59.97	0.00	0.00	0.00	0.00	0.00	
		42	4476.37	58.10	0.00	0.00	0.00	0.00	0.00	
		43	4534.47	52.23	0.00	0.00	0.00	0.00	0.00	
		44	4586.69	13.55	0.00	0.00	0.00	0.00	0.00	
R96_004	P3	1	0.00	90.30	0.00	0.00	0.00	0.00	0.00	Max.
		2	90.30	11.45	0.00	0.00	0.00	0.00	0.00	
		3	101.76	90.97	0.00	0.00	0.00	0.00	0.00	
		4	192.72	83.92	0.00	0.00	0.00	0.00	0.00	
		5	276.64	52.60	0.00	0.00	0.00	0.00	0.00	
		6	329.24	47.37	0.00	0.00	0.00	0.00	0.00	
		7	376.61	54.38	0.00	0.00	0.00	0.00	0.00	
		8	430.98	52.90	0.00	0.00	0.00	0.00	0.00	
		9	483.88	59.63	0.00	0.00	0.00	0.00	0.00	
		10	543.51	133.82	0.00	0.00	0.00	0.00	0.00	
		11	677.33	75.57	0.00	0.00	0.00	0.00	0.00	
		12	752.90	66.34	0.00	0.00	0.00	0.00	0.00	
		13	819.24	80.54	0.00	0.00	0.00	0.00	0.00	
		14	899.78	69.38	0.00	0.00	0.00	0.00	0.00	
R96_005	P3	1	0.00	2.76	0.00	0.00	0.00	0.00	0.00	Max.
		2	2.76	39.91	0.00	0.00	0.00	0.00	0.00	
		3	42.68	62.28	0.00	0.00	0.00	0.00	0.00	
		4	104.96	109.85	0.00	0.00	0.00	0.00	0.00	
		5	214.80	76.46	0.00	0.00	0.00	0.00	0.00	
		6	291.26	57.40	0.00	0.00	0.00	0.00	0.00	
		7	348.66	47.25	0.00	0.00	0.00	0.00	0.00	
		8	395.91	30.94	0.00	0.00	0.00	0.00	0.00	
		9	426.85	27.66	0.00	0.00	0.00	0.00	0.00	
		10	454.51	28.90	0.00	0.00	0.00	0.00	0.00	
		11	483.41	100.75	0.00	0.00	0.00	0.00	0.00	
		12	584.16	111.71	0.00	0.00	0.00	0.00	0.00	
		13	695.86	46.21	0.00	0.00	0.00	0.00	0.00	
		14	742.08	37.15	0.00	0.00	0.00	0.00	0.00	

		15	779.22	35.30	0.00	0.00	0.00	0.00	0.00	
		16	814.52	42.57	0.00	0.00	0.00	0.00	0.00	
		17	857.10	40.31	0.00	0.00	0.00	0.00	0.00	
		18	897.41	33.56	0.00	0.00	0.00	0.00	0.00	
		19	930.96	51.16	0.00	0.00	0.00	0.00	0.00	
		20	982.12	51.79	0.00	0.00	0.00	0.00	0.00	
		21	1033.91	42.87	0.00	0.00	0.00	0.00	0.00	
		22	1076.78	34.37	0.00	0.00	0.00	0.00	0.00	
		23	1111.15	28.99	0.00	0.00	0.00	0.00	0.00	
		24	1140.14	25.69	0.00	0.00	0.00	0.00	0.00	
		25	1165.82	23.27	0.00	0.00	0.00	0.00	0.00	
		26	1189.10	33.35	0.00	0.00	0.00	0.00	0.00	
		27	1222.44	36.26	0.00	0.00	0.00	0.00	0.00	
		28	1258.71	27.09	0.00	0.00	0.00	0.00	0.00	
		29	1285.79	32.87	0.00	0.00	0.00	0.00	0.00	
		30	1318.67	64.13	0.00	0.00	0.00	0.00	0.00	
		31	1382.80	47.39	0.00	0.00	0.00	0.00	0.00	
		32	1430.19	42.02	0.00	0.00	0.00	0.00	0.00	
		33	1472.21	64.15	0.00	0.00	0.00	0.00	0.00	
		34	1536.36	107.02	0.00	0.00	0.00	0.00	0.00	
		35	1643.38	81.17	0.00	0.00	0.00	0.00	0.00	
		36	1724.55	102.73	0.00	0.00	0.00	0.00	0.00	
		37	1827.29	159.52	0.00	0.00	0.00	0.00	0.00	
		38	1986.81	82.47	0.00	0.00	0.00	0.00	0.00	
		39	2069.28	155.37	0.00	0.00	0.00	0.00	0.00	
		40	2224.65	81.02	0.00	0.00	0.00	0.00	0.00	
		41	2305.67	77.09	0.00	0.00	0.00	0.00	0.00	
		42	2382.76	35.44	0.00	0.00	0.00	0.00	0.00	
		43	2418.21	43.08	0.00	0.00	0.00	0.00	0.00	
		44	2461.29	37.31	0.00	0.00	0.00	0.00	0.00	
		45	2498.60	73.41	0.00	0.00	0.00	0.00	0.00	
		46	2572.01	66.95	0.00	0.00	0.00	0.00	0.00	
		47	2638.96	83.35	0.00	0.00	0.00	0.00	0.00	
		48	2722.31	66.22	0.00	0.00	0.00	0.00	0.00	
		49	2788.53	101.59	0.00	0.00	0.00	0.00	0.00	
		50	2890.12	155.27	0.00	0.00	0.00	0.00	0.00	
		51	3045.39	127.87	0.00	0.00	0.00	0.00	0.00	
		52	3173.26	37.65	0.00	0.00	0.00	0.00	0.00	
		53	3210.91	31.51	0.00	0.00	0.00	0.00	0.00	
		54	3242.42	29.14	0.00	0.00	0.00	0.00	0.00	
		55	3271.56	31.52	0.00	0.00	0.00	0.00	0.00	
		56	3303.08	30.69	0.00	0.00	0.00	0.00	0.00	
		57	3333.77	55.79	0.00	0.00	0.00	0.00	0.00	
		58	3389.56	104.86	0.00	0.00	0.00	0.00	0.00	
		59	3494.42	60.37	0.00	0.00	0.00	0.00	0.00	
		60	3554.79	45.00	0.00	0.00	0.00	0.00	0.00	
		61	3599.79	40.44	0.00	0.00	0.00	0.00	0.00	
		62	3640.23	42.88	0.00	0.00	0.00	0.00	0.00	
		63	3683.11	53.29	0.00	0.00	0.00	0.00	0.00	
		64	3736.40	59.59	0.00	0.00	0.00	0.00	0.00	
		65	3795.99	141.53	0.00	0.00	0.00	0.00	0.00	
		66	3937.51	196.42	0.00	0.00	0.00	0.00	0.00	
		67	4133.93	163.74	0.00	0.00	0.00	0.00	0.00	
		68	4297.68	128.33	0.00	0.00	0.00	0.00	0.00	
R96_006	V58	1	0.00	159.47	0.00	0.00	0.00	0.00	0.00	Max.
		2	159.47	91.14	0.00	0.00	0.00	0.00	0.00	
		3	250.61	31.49	0.00	0.00	0.00	0.00	0.00	
		4	282.10	27.51	0.00	0.00	0.00	0.00	0.00	
		5	309.61	23.79	0.00	0.00	0.00	0.00	0.00	
		6	333.40	51.88	0.00	0.00	0.00	0.00	0.00	
		7	385.28	64.57	0.00	0.00	0.00	0.00	0.00	

		8	449.85	33.87	0.00	0.00	0.00	0.00	0.00	
		9	483.72	32.13	0.00	0.00	0.00	0.00	0.00	
		10	515.85	32.62	0.00	0.00	0.00	0.00	0.00	
		11	548.46	91.18	0.00	0.00	0.00	0.00	0.00	
		12	639.64	36.25	0.00	0.00	0.00	0.00	0.00	
		13	675.89	42.47	0.00	0.00	0.00	0.00	0.00	
		14	718.37	42.89	0.00	0.00	0.00	0.00	0.00	
		15	761.25	68.73	0.00	0.00	0.00	0.00	0.00	
		16	829.99	79.42	0.00	0.00	0.00	0.00	0.00	
R96_007	V58	1	0.00	40.09	0.00	0.00	0.00	0.00	0.00	Max.
		2	40.09	61.62	0.00	0.00	0.00	0.00	0.00	
		3	101.71	31.55	0.00	0.00	0.00	0.00	0.00	
		4	133.26	37.26	0.00	0.00	0.00	0.00	0.00	
		5	170.51	65.15	0.00	0.00	0.00	0.00	0.00	
		6	235.66	60.11	0.00	0.00	0.00	0.00	0.00	
		7	295.78	57.06	0.00	0.00	0.00	0.00	0.00	
		8	352.83	77.35	0.00	0.00	0.00	0.00	0.00	
		9	430.18	112.22	0.00	0.00	0.00	0.00	0.00	
		10	542.40	138.40	0.00	0.00	0.00	0.00	0.00	
		11	680.79	124.92	0.00	0.00	0.00	0.00	0.00	
		12	805.72	152.69	0.00	0.00	0.00	0.00	0.00	
		13	958.40	147.70	0.00	0.00	0.00	0.00	0.00	
		14	1106.10	136.25	0.00	0.00	0.00	0.00	0.00	
		15	1242.36	111.89	0.00	0.00	0.00	0.00	0.00	

\*1): The gradient for the calculation has been entered directly.