

Gemeinde Freudental

Lärmaktionsplanung 4. Runde

Analyse

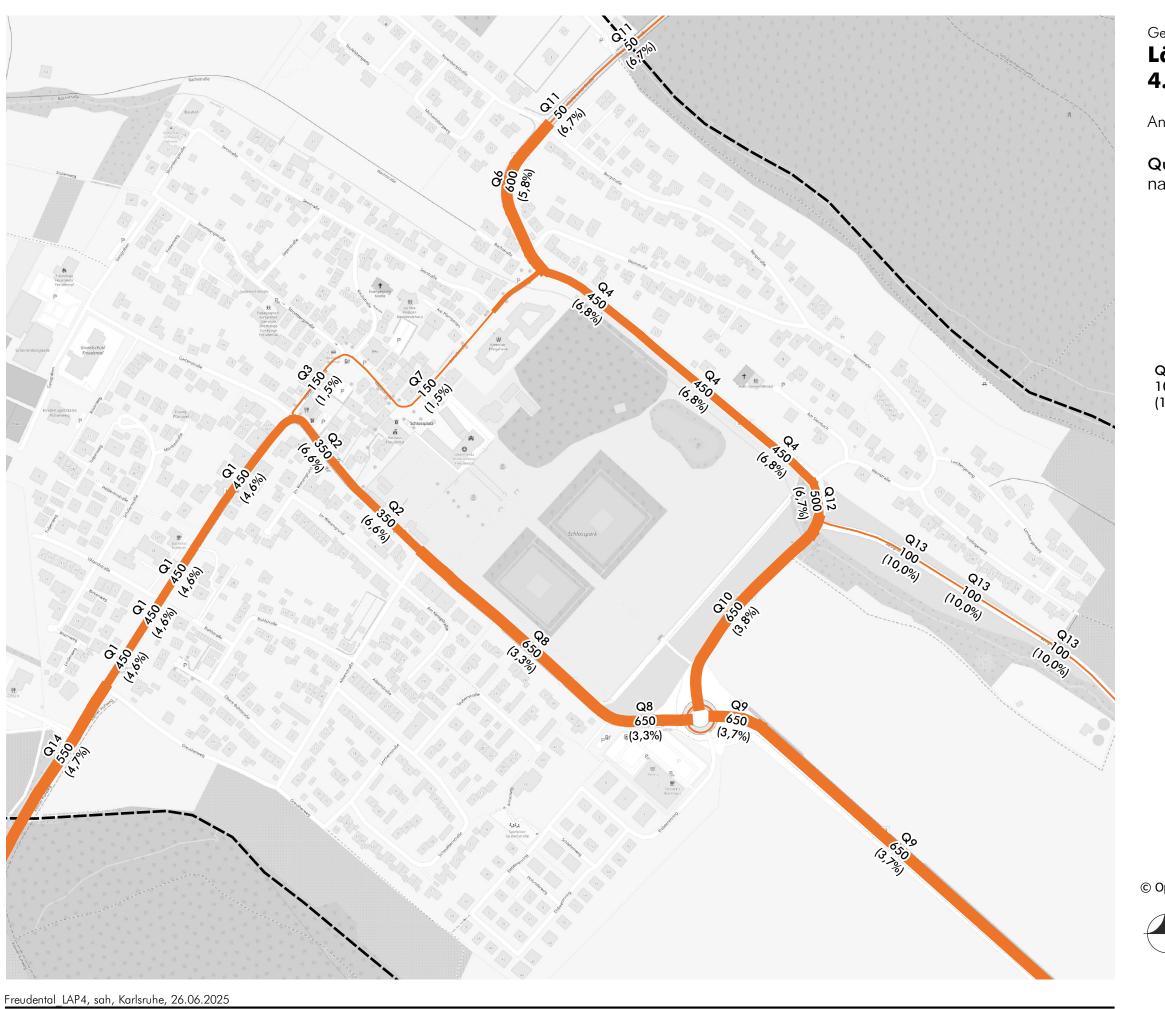
Querschnittsbelastungen

Q10 Lage und Nummer Querschnitt 10.000 DTV-Wert (10%) (Anteil SV>3,5t in %)

© OpenStreetMap-Mitwirkende Plan

0 0,1 0,2 km

MODUS CONSULT



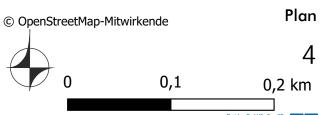
Gemeinde Freudental

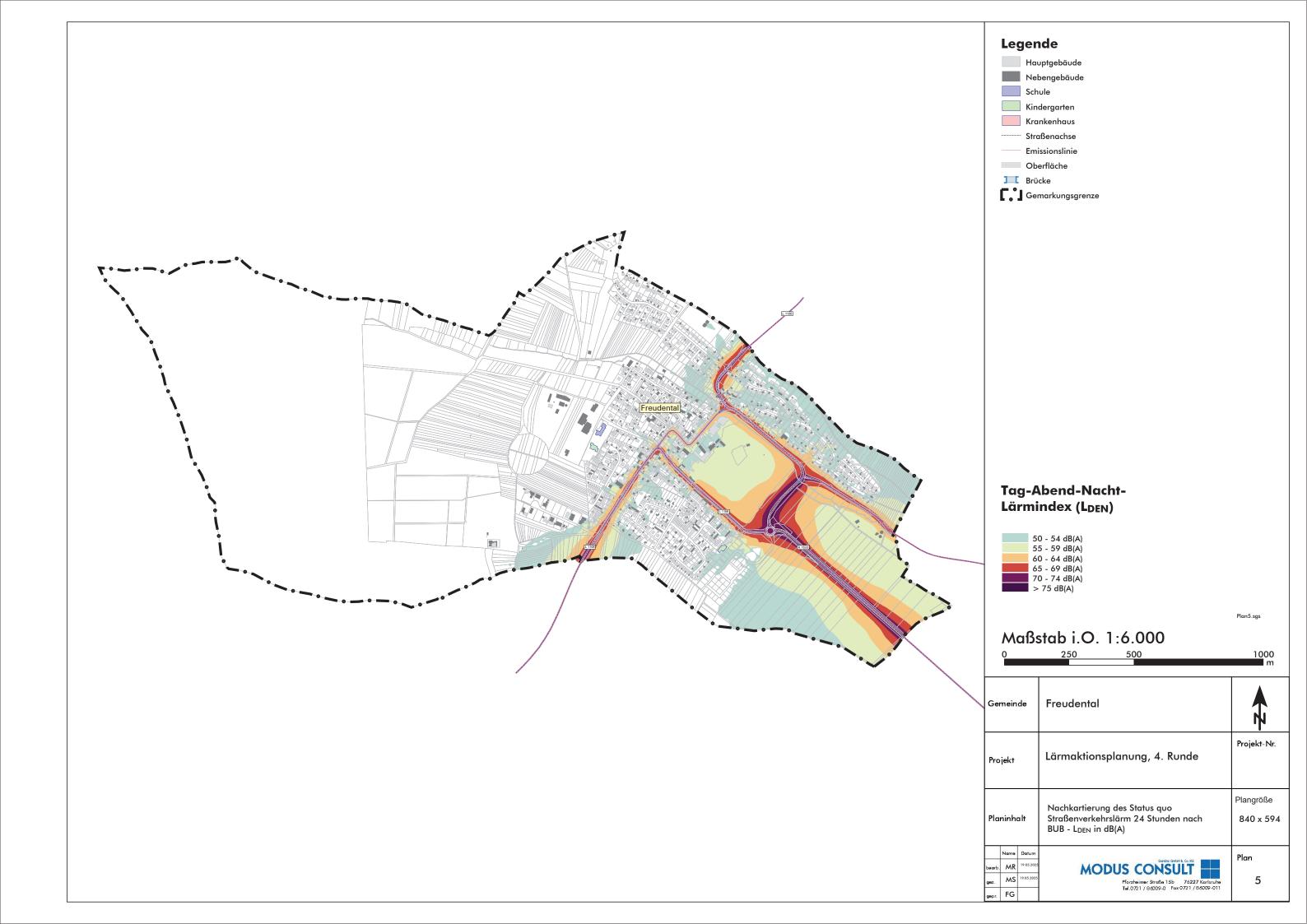
Lärmaktionsplanung 4. Runde

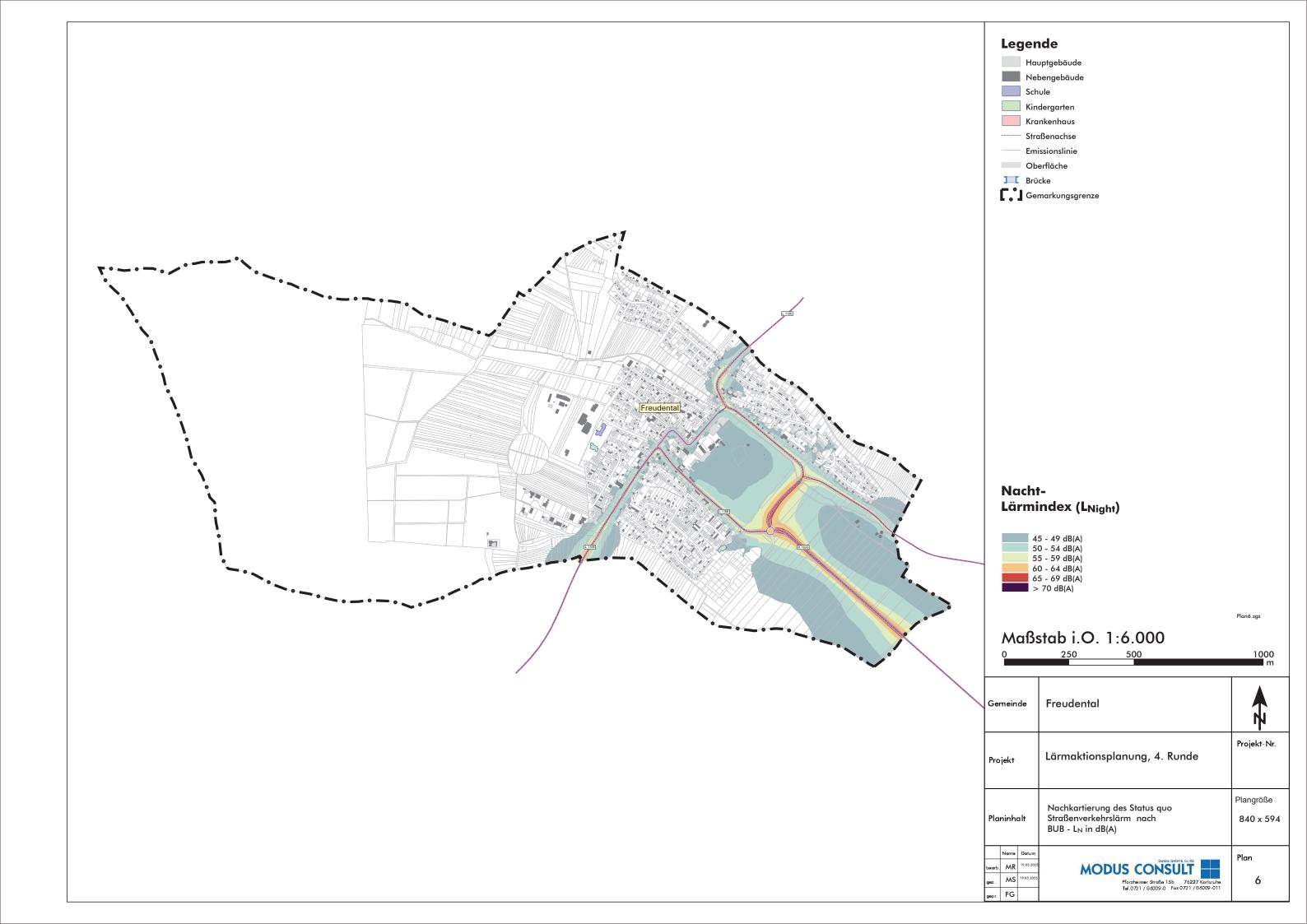
Analyse

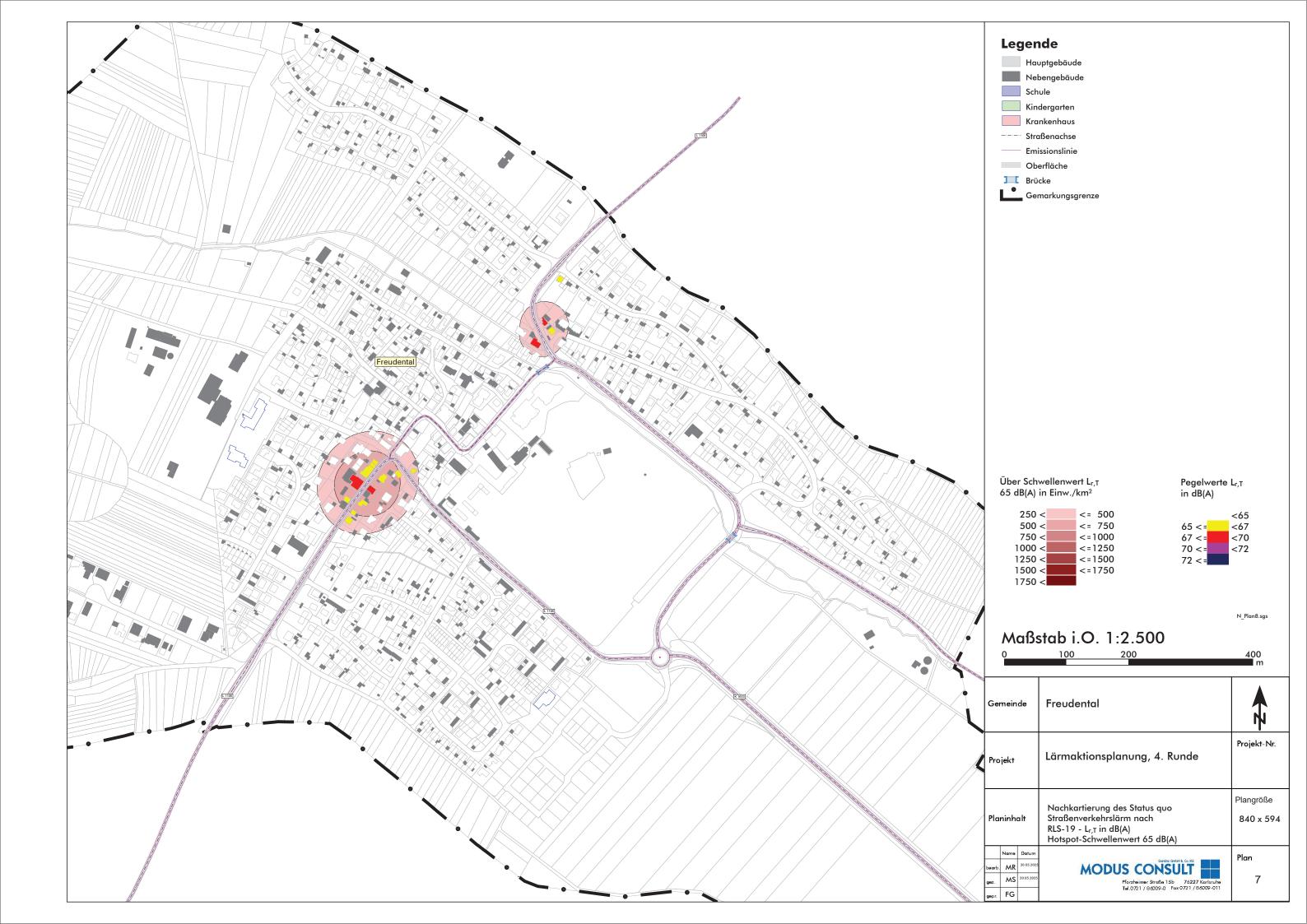
Querschnittsbelastungen - nachts

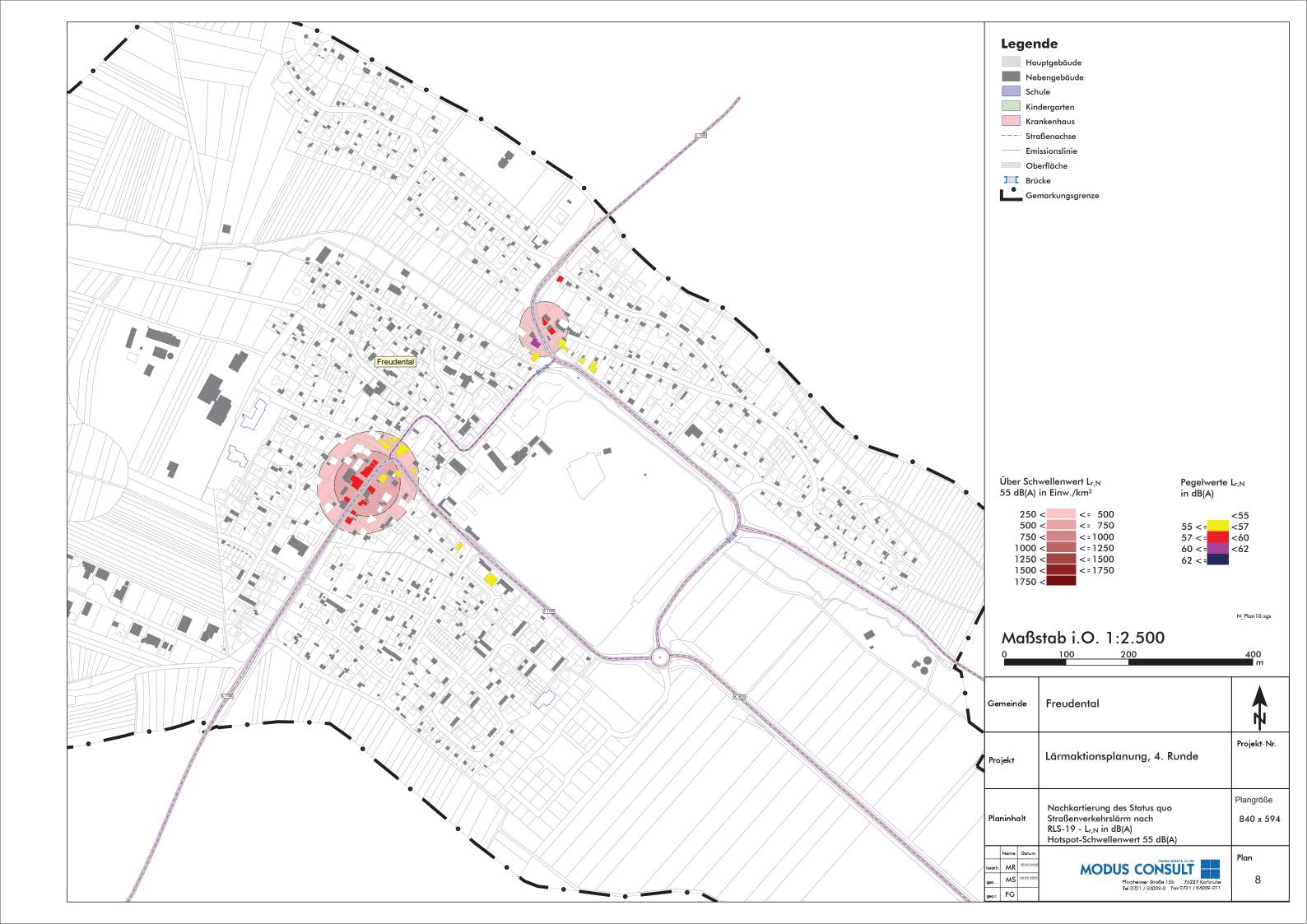
Q10 Lage und Nummer Querschnitt 10.000 DTV-Wert (10%) (Anteil SV>3,5t in %)

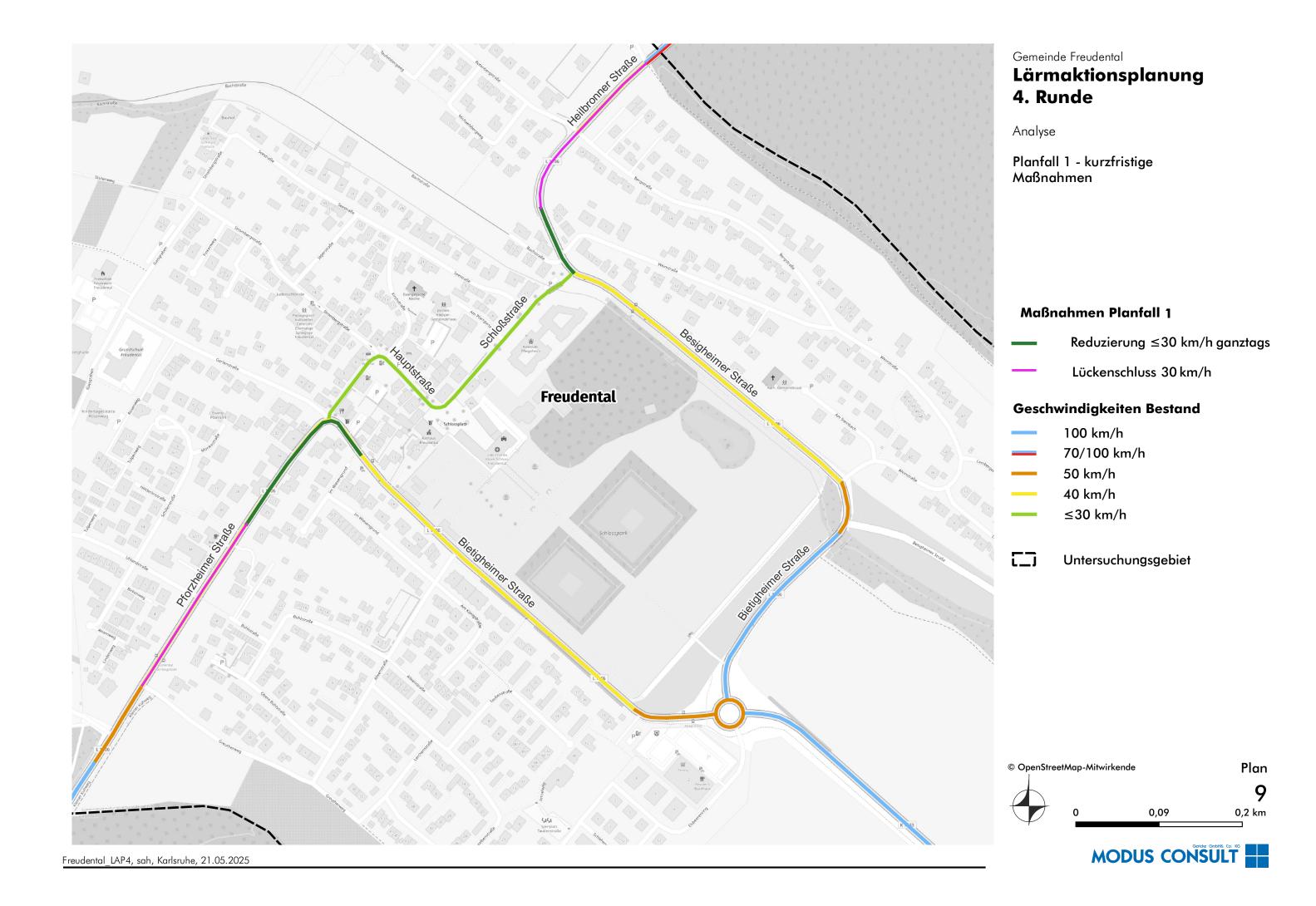


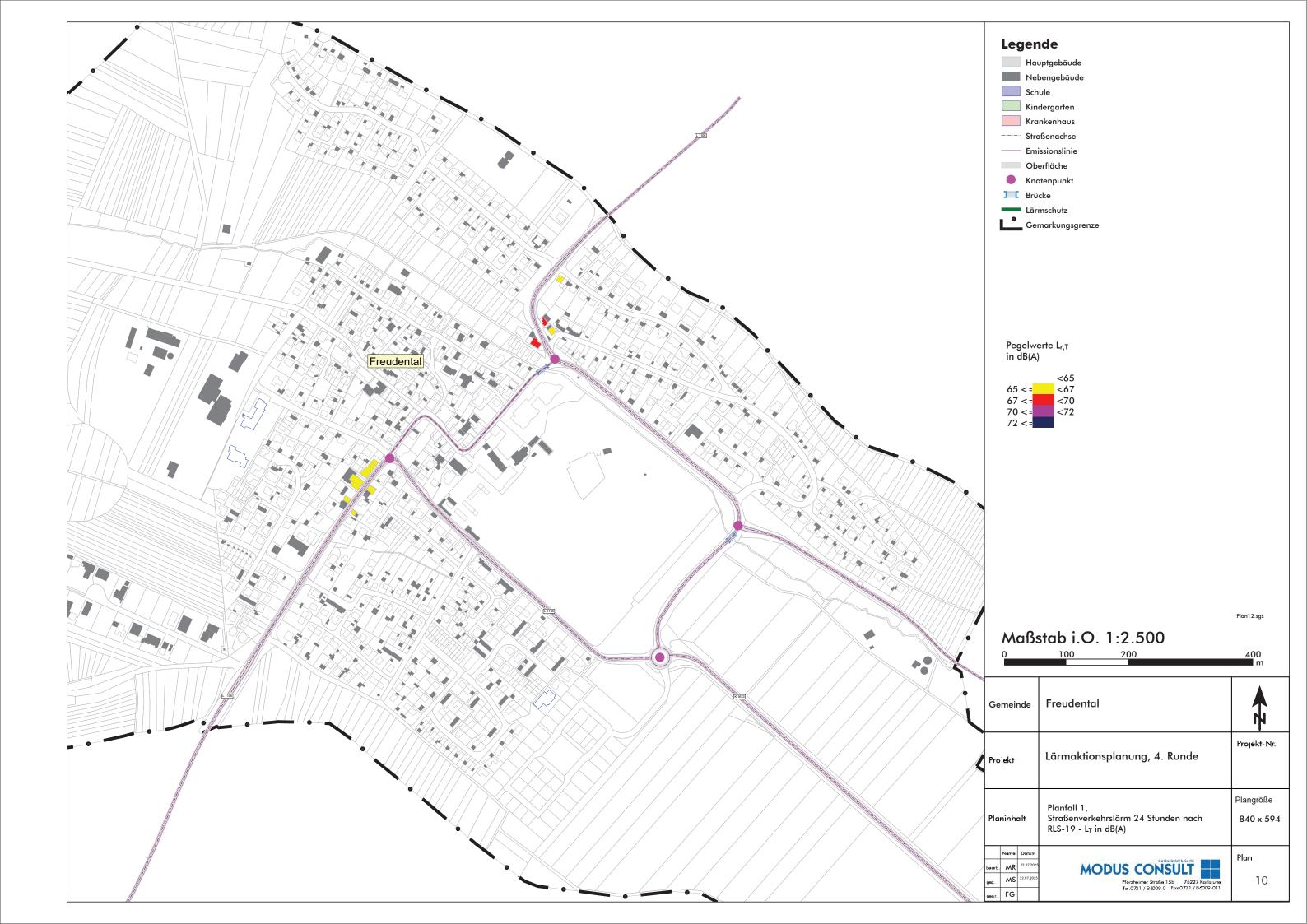


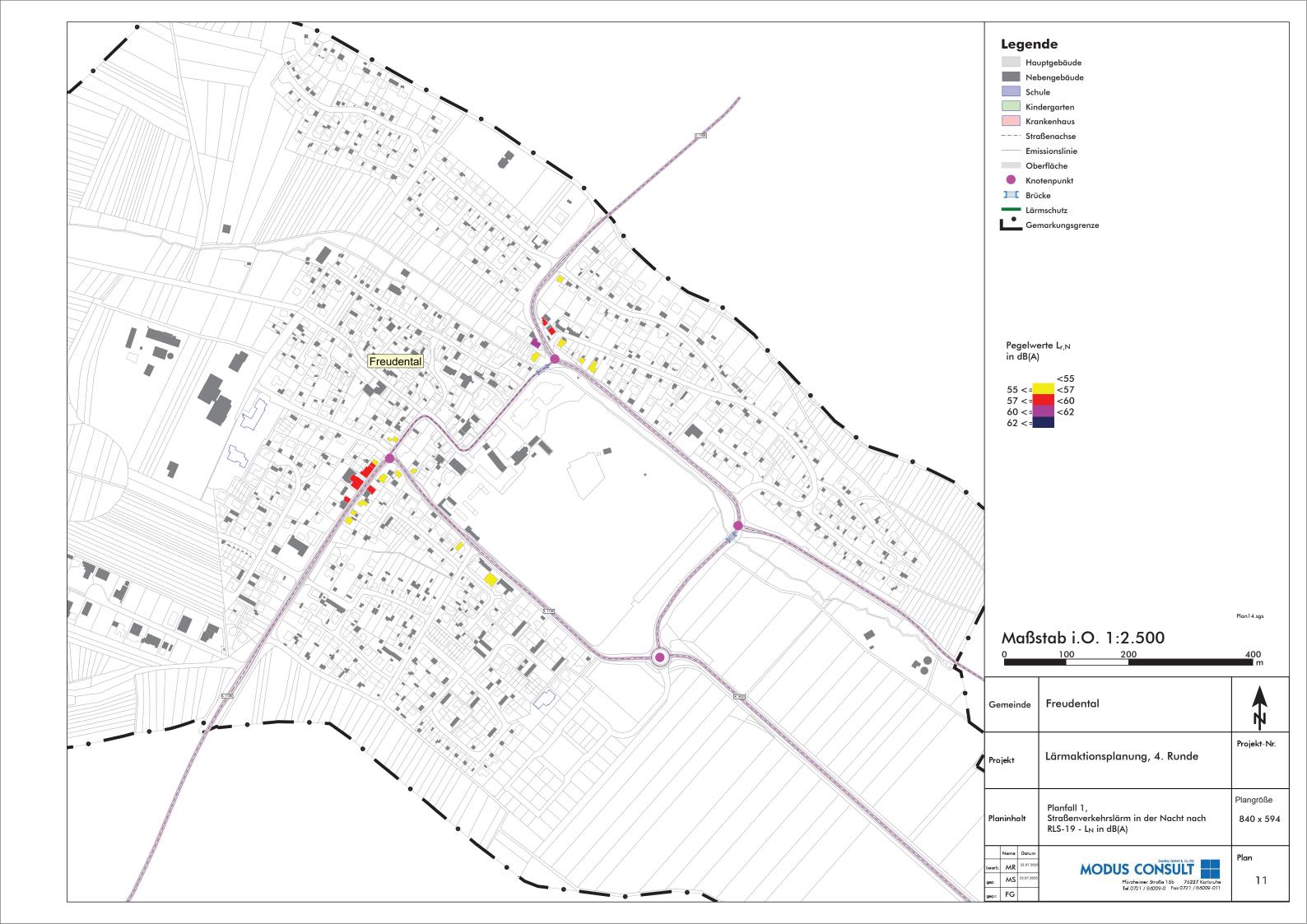


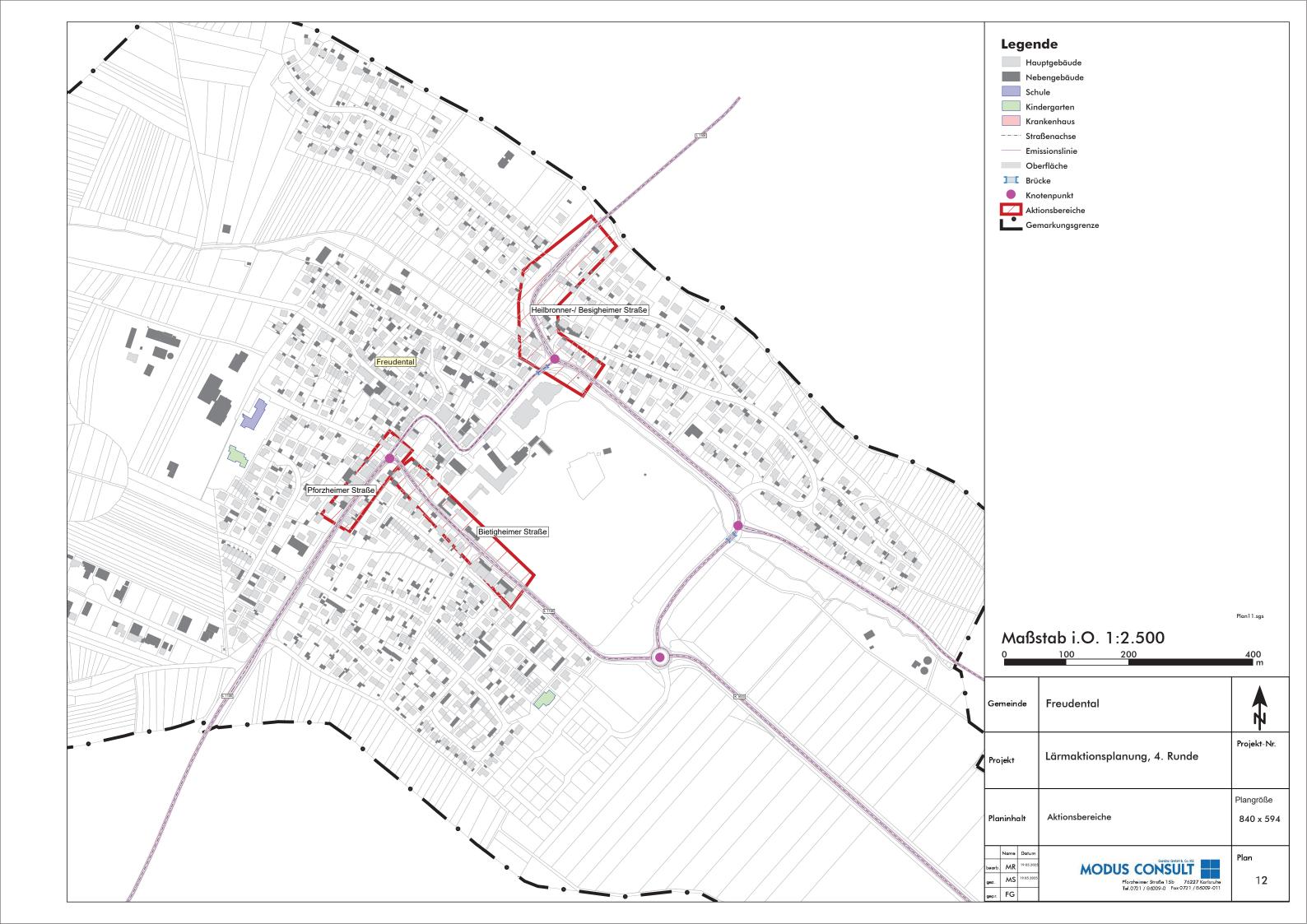










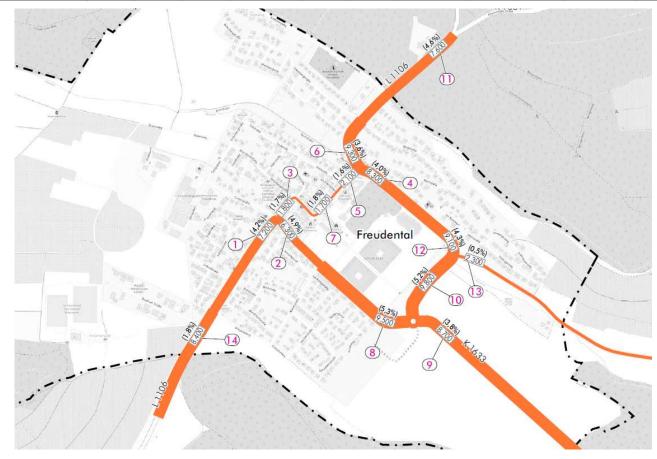


| Freudental | Betroffenh | eiten | Nullfall | | | Planfall 1 | | | |
|----------------------------------|------------|------------|-----------------------|----------------|-------------|-----------------------|----------------|-------------|--|
| | Straße | _ | EU Einwohnerstatistik | | | EU Einwohnerstatistik | | | |
| Name | Größe | Intervalle | Einwohner-E | Lärmkennziffer | Einwohner-E | Einwohner-E | Lärmkennziffer | Einwohner-E | |
| | [m²] | | Lt | L-K | Ln | Lt | L-K | Ln | |
| Alle Gebiete | 3.067.679 | 50 - 54 | 582 | 0 | 255 | 565 | 0 | 248 | |
| Alle Gebiete | 3.067.679 | 55 - 59 | 346 | 460 | 46 | 342 | 390 | 39 | |
| Alle Gebiete | 3.067.679 | 60 - 64 | 166 | 20 | 1 | 156 | 0 | 0 | |
| Alle Gebiete | 3.067.679 | 65 - 69 | 34 | 170 | 0 | 26 | 130 | 0 | |
| Alle Gebiete | 3.067.679 | 70 - 74 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Alle Gebiete | 38.977.905 | > 75 | 0 | 0 | _ 0 | 0 | 0 | 0 | |
| Summe | | | | 650 | | | 520 | | |
| Anteil an Nullfall in % | | | | | | | 80,0% | | |
| Besigheimer Straße | 15.253 | 50 - 54 | 1 | 0 | 50 | 1 | 0 | 53 | |
| Besigheimer Straße | 15.253 | 55 - 59 | 21 | 40 | 4 | 21 | 20 | 2 | |
| Besigheimer Straße | 15.253 | 60 - 64 | 47 | 0 | 0 | 47 | 0 | 0 | |
| Besigheimer Straße | 15.253 | 65 - 69 | 1 | 5 | 0 | 0 | 0 | 0 | |
| Besigheimer Straße | 15.253 | 70 - 74 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Besigheimer Straße | 15.253 | > 75 | 0 | 0 | _ 0 | 0 | 0 | 0 | |
| | | | | 45 | | | 20 | | |
| Heilbronner-/ Besigheimer Straße | 22.162 | 50 - 54 | 5 | 0 | 24 | 6 | 0 | 25 | |
| Heilbronner-/ Besigheimer Straße | 22.162 | 55 - 59 | 17 | 140 | 14 | 18 | 140 | 14 | |
| Heilbronner-/ Besigheimer Straße | 22.162 | 60 - 64 | 30 | 20 | 1 | 28 | 0 | 0 | |
| Heilbronner-/ Besigheimer Straße | 22.162 | 65 - 69 | 10 | 50 | 0 | 9 | 45 | 0 | |
| Heilbronner-/ Besigheimer Straße | 22.162 | 70 - 74 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Heilbronner-/ Besigheimer Straße | 22.162 | > 75 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | | | 210 | | | 185 | | |
| Pforzheimer Straße | 8.350 | 50 - 54 | 1 | 0 | 32 | 2 | 0 | 33 | |
| Pforzheimer Straße | 8.350 | 55 - 59 | 14 | 280 | 28 | 18 | 230 | 23 | |
| Pforzheimer Straße | 8.350 | 60 - 64 | 29 | 0 | 0 | 30 | 0 | 0 | |
| Pforzheimer Straße | 8.350 | 65 - 69 | 23 | 115 | 0 | 17 | 85 | 0 | |
| Pforzheimer Straße | 8.350 | 70 - 74 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Pforzheimer Straße | 8.350 | > 75 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | | | 395 | | | 315 | | |
| Restfläche | 3.021.914 | 50 - 54 | 575 | 0 | 149 | 556 | 0 | 137 | |
| Restfläche | 3.021.914 | | 294 | 0 | 0 | 285 | 0 | 0 | |
| Restfläche | 3.021.914 | | 60 | 0 | 0 | 51 | 0 | 0 | |
| Restfläche | 3.021.914 | | 0 | 0 | 0 | 0 | 0 | 0 | |
| Restfläche | 3.021.914 | | 0 | 0 | 0 | 0 | 0 | 0 | |
| Restfläche | 3.021.914 | > 75 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | | | 0 | | | 0 | | |

| Freudental | Lärmschadenskosten | | Nullfall | | Planfall 1 | | |
|----------------------------------|--------------------|------------|--------------------|--------|--------------------|---------|--|
| | | | Lärmschadenskosten | | Lärmschadenskosten | | |
| Name | Schadenskosten | Intervalle | Wert | Summe | Wert | Summe | |
| | [€/a] | | [€/a] | [€/a] | [€/a] | [€/a] | |
| Alle Gebiete | 63 | 50 - 54 | 16065 | • | 15624 | | |
| Alle Gebiete | 116 | 55 - 59 | 5.336 | | 4.524 | | |
| Alle Gebiete | 196 | 60 - 64 | 196 | | 0 | | |
| Alle Gebiete | 306 | 65 - 69 | 0 | | 0 | | |
| Alle Gebiete | 456 | 70 - 74 | 0 | | 0 | | |
| Alle Gebiete | 651 | > 75 | 0 | | 0 | | |
| | | | | 21.597 | | 20.148 | |
| Anteil an Nullfall in % | | | | | | 93,3% | |
| Besigheimer Straße | 63 | 50 - 54 | 3150 | | 3339 | | |
| Besigheimer Straße | 116 | 55 - 59 | 464 | | 232 | | |
| Besigheimer Straße | 196 | 60 - 64 | 0 | | 0 | | |
| Besigheimer Straße | 306 | 65 - 69 | 0 | | 0 | | |
| Besigheimer Straße | 456 | 70 - 74 | 0 | | 0 | | |
| Besigheimer Straße | 651 | > 75 | 0 | | 0 | | |
| | | | | 3.614 | | 3.571 | |
| Heilbronner-/ Besigheimer Straße | 63 | 50 - 54 | 1512 | | 1575 | | |
| Heilbronner-/ Besigheimer Straße | 116 | 55 - 59 | 1624 | | 1624 | | |
| Heilbronner-/ Besigheimer Straße | 196 | 60 - 64 | 196 | | 0 | | |
| Heilbronner-/ Besigheimer Straße | 306 | 65 - 69 | 0 | | 0 | | |
| Heilbronner-/ Besigheimer Straße | 456 | 70 - 74 | 0 | | 0 | | |
| Heilbronner-/ Besigheimer Straße | 651 | > 75 | 0 | | 0 | | |
| | | | | 3.332 | | 3.199 | |
| Pforzheimer Straße | 63 | 50 - 54 | 2016 | | 2079 | | |
| Pforzheimer Straße | 116 | 55 - 59 | 3248 | | 2668 | | |
| Pforzheimer Straße | 196 | 60 - 64 | 0 | | 0 | | |
| Pforzheimer Straße | 306 | 65 - 69 | 0 | | 0 | | |
| Pforzheimer Straße | 456 | 70 - 74 | 0 | | 0 | | |
| Pforzheimer Straße | 651 | > 75 | 0 | · | 0 | <u></u> | |
| | | | | 5.264 | | 4.747 | |
| Restfläche | 63 | 50 - 54 | 9387 | | 8631 | | |
| Restfläche | 116 | 55 - 59 | 0 | | 0 | | |
| Restfläche | 196 | 60 - 64 | 0 | | 0 | | |
| Restfläche | 306 | 65 - 69 | 0 | | 0 | | |
| Restfläche | 456 | 70 - 74 | 0 | | 0 | | |
| Restfläche | 651 | > 75 | 0 | | 0 | | |
| | | | | 9.387 | | 8.631 | |

Schallgrundlagen nach RLS-19

| Q | Kfz/24h (DTV) | M _T | Mn | a _n | SV1-Anteil (DTV) | P _{T,SV1} | p _{n,SV1} | SV2-Anteil (DTV) | p _{T,SV2} | P _{n,SV2} | Krad-Anteil (DTV) | P _{T,Krad} | P _{n,Krad} |
|----|---------------|----------------|----|----------------|------------------|--------------------|--------------------|------------------|--------------------|--------------------|-------------------|---------------------|---------------------|
| 1 | 7.200 | 421 | 56 | 6,2% | 3,0% | 3,0% | 2,7% | 1,2% | 1,1% | 2,0% | 1,4% | 1,4% | 1,0% |
| 2 | 6.300 | 373 | 41 | 5,2% | 3,5% | 3,5% | 3,9% | 1,4% | 1,3% | 2,8% | 1,3% | 1,4% | 1,1% |
| 3 | 1.800 | 103 | 20 | 8,8% | 1,7% | 1,7% | 1,7% | 0,0% | 0,0% | 0,0% | 1,4% | 1,5% | 0,6% |
| 4 | 8.300 | 491 | 57 | 5,5% | 3,0% | 2,8% | 5,3% | 1,0% | 1,0% | 1,5% | 0,8% | 0,8% | 0,4% |
| 5 | 2.100 | 118 | 22 | 8,6% | 1,6% | 1,5% | 2,7% | 0,0% | 0,0% | 0,0% | 1,1% | 1,1% | 1,1% |
| 6 | 9.300 | 548 | 72 | 6,1% | 2,7% | 2,5% | 4,6% | 0,9% | 0,9% | 1,2% | 0,8% | 0,8% | 0,3% |
| 7 | 1.600 | 93 | 20 | 9,9% | 1,7% | 1,7% | 1,7% | 0,0% | 0,0% | 0,0% | 1,0% | 1,1% | 0,0% |
| 8 | 9.500 | 554 | 80 | 6,7% | 3,5% | 3,6% | 1,4% | 1,8% | 1,8% | 1,9% | 0,5% | 0,6% | 0,0% |
| 9 | 8.700 | 502 | 82 | 7,6% | 2,6% | 2,7% | 2,1% | 1,3% | 1,3% | 1,6% | 0,5% | 0,5% | 0,0% |
| 10 | 9.800 | 572 | 81 | 6,6% | 3,5% | 3,6% | 2,3% | 1,6% | 1,6% | 1,5% | 0,6% | 0,6% | 0,0% |
| 11 | 7.600 | 473 | 9 | 0,9% | 2,7% | 2,7% | 3,2% | 1,8% | 1,8% | 3,2% | 2,0% | 2,0% | 0,0% |
| 12 | 9.100 | 540 | 63 | 5,5% | 3,2% | 3,1% | 5,3% | 1,1% | 1,1% | 1,5% | 0,8% | 0,8% | 0,4% |
| 13 | 2.300 | 138 | 14 | 4,7% | 3,4% | 3,1% | 10,3% | 0,1% | 0,1% | 0,0% | 3,8% | 4,0% | 0,0% |
| 14 | 8.500 | 496 | 66 | 6,2% | 1,3% | 1,2% | 2,7% | 0,5% | 0,4% | 2,0% | 1,4% | 1,4% | 1,0% |



Freudental LAP 4. Runde

Verkehrsrechtliche Anordnung in der Gemeinde Freudental

Ergebnisse schalltechnischer Untersuchungen nach RLS-19 (lautester Fassadenpegel)

| | | | | | | Nullfall | | | | |
|-----------------------|-------------|----------------|--------------|---------------|-------|----------|----------------|----------------|--|--|
| Adresse | Anzahl | Financia bases | Auslösewert | Auslösewert | Pegel | Pegel | Überschreitung | Überschreitung | | |
| Adresse | Stockwerke | Einwohner | tags | nachts | tags | nachts | AW tags | AW nachts | | |
| Freudental | | | | | | • | | | | |
| Am Königsträßle 5 | 3 | 9 | 65 | 55 | 64 | 55 | - | - | | |
| Bachstraße 2 | 3 | 5 | 65 | 55 | 69 | 60 | 4 | 5 | | |
| Besigheimer Straße 1 | 3 | 4 | 65 | 55 | 64 | 56 | - | 1 | | |
| Besigheimer Straße 3 | 3 | 2 | 65 | 55 | 63 | 55 | - | - | | |
| Besigheimer Straße 9 | 3 | 2 | 65 | 55 | 64 | 55 | - | - | | |
| Besigheimer Straße 13 | 3 | 6 | 65 | 55 | 64 | 55 | - | - | | |
| Bietigheimer Straße 4 | 3 | 3 | 65 | 55 | 65 | 55 | - | - | | |
| Bietigheimer Straße 5 | 3 | 2 | 65 | 55 | 65 | 56 | - | 1 | | |
| Gartenstraße 2 | 3 | 5 | 65 | 55 | 63 | 55 | - | - | | |
| Heilbronner Straße 2 | 3 | 3 | 65 | 55 | 66 | 57 | 1 | 2 | | |
| Heilbronner Straße 6 | 3 | 3 | 65 | 55 | 67 | 59 | 2 | 4 | | |
| Heilbronner Straße 14 | 2 | 2 | 65 | 55 | 66 | 57 | 1 | 2 | | |
| Im Wiesengrund 2/1 | 3 | 3 | 65 | 55 | 64 | 55 | - | - | | |
| Pforzheimer Straße 7 | 3 | 9 | 65 | 55 | 64 | 55 | - | - | | |
| Pforzheimer Straße 10 | 3 | 3 | 65 | 55 | 62 | 55 | - | - | | |
| Pforzheimer Straße 11 | 3 | 5 | 65 | 55 | 65 | 56 | - | 1 | | |
| Pforzheimer Straße 14 | 3 | 2 | 65 | 55 | 66 | 57 | 1 | 2 | | |
| Pforzheimer Straße 16 | 3 | 2 | 65 | 55 | 66 | 58 | 1 | 3 | | |
| Pforzheimer Straße 17 | 3 | 4 | 65 | 55 | 67 | 58 | 2 | 3 | | |
| Pforzheimer Straße 18 | 3 | 8 | 65 | 55 | 66 | 58 | 1 | 3 | | |
| Pforzheimer Straße 19 | 3 | 4 | 65 | 55 | 66 | 57 | 1 | 2 | | |
| Pforzheimer Straße 23 | 3 | 2 | 65 | 55 | 66 | 57 | 1 | 2 | | |
| Pforzheimer Straße 24 | 3 | 11 | 65 | 55 | 67 | 58 | 2 | 3 | | |
| Pforzheimer Straße 25 | 3 | 4 | 65 | 55 | 66 | 57 | 1 | 2 | | |
| Pforzheimer Straße 26 | 3 | 3 | 65 | 55 | 66 | 58 | 1 | 3 | | |
| Schloßstraße 27 | 3 | 5 | 65 | 55 | 64 | 56 | - | 1 | | |
| _ | | | Max Pegel/Ül | berschreitung | 69 | 60 | 4 | 5 | | |
| | Summe | Summe 111 | | Anzahl | | | 13 | 17 | | |
| | Summe Betre | offener | | | | | | | | |