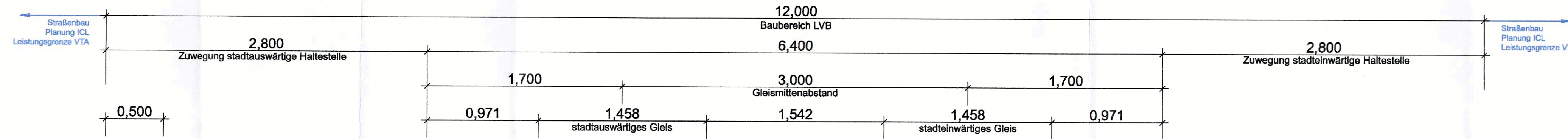


Regelquerschnitt 1.3 - 1.3, Zuwegung Haltestelle Georg-Schwarz-Brücke




Technical cross-section drawing of a railway track bed and drainage system. The drawing shows a symmetrical cross-section with a central track bed and side slopes. Key components include:

- Track bed:** Gleisbord GBT 650, XF4 auf 185 mm Beton C 20/25.
- Drainage:** A central drainage channel with a diameter of 150 mm, surrounded by a layer of 16/32 filter gravel (100 mm thick) and a drainage pipe (DN 150). The drainage system is protected by a 500 mm thick layer of geotextile (PE-HD) and a 400 mm thick layer of bedding (bindiger Boden).
- Slopes:** The side slopes are 4.0% and the top surface is 2.0%.
- Details:** A detail "A" shows the connection between the track bed and the drainage system.
- Materials:** The track bed is filled with concrete (C 20/25) and the drainage system is made of concrete (C 20/25). The bedding is made of binding soil (bindiger Boden).
- Dimensions:** The total width of the track bed is 2.0 m. The drainage channel is 0.40 m wide and 0.15 m deep. The filter gravel layer is 0.10 m thick. The geotextile layer is 0.50 m thick. The bedding layer is 0.40 m thick.
- Annotations:** The drawing includes various annotations such as "Gleisbord GBT 650, XF4 auf 185 mm Beton C 20/25", "Drainage: - Filterkies 16/32", "Drainageleitung als Teilsickerrohr DN 150", "PE-HD in Geotextil", "Überlappung Geotextil mind. 500 mm", and "Bettung aus bindigem Boden".

- 40 mm Splittmastixasphalt
- 80 mm Asphaltbinderschicht
- 140 mm Asphalttragschicht
- ≥ 390 mm Frostschuttschicht 0/32
- Planum, E_{V2} ≥45 MPa

≥ 650 mm Gesamtaufbau

- 35 mm Gussasphalt
 - 55 mm Asphaltbinderschicht
 - ≥ 81 mm Asphalttragschicht
 - 250 mm Betontragschicht
 - 250 mm Frostschuttschicht
 - Planum, $E_{v2} \geq 45 \text{ MPa}$
-
- ≥ 671 mm Gesamtaufbau

<p>für den Feststellungsantrag:</p> <p style="text-align: center;">29.09.2024</p> <p style="text-align: center;">H. J.</p> <p style="text-align: center;">Dipl.-Ing. M.Jana Amtsleiter</p> <p>Leipzig, den</p>	<p style="text-align: right;">  </p> <p>Planfestgestellt: Landesdirektion Sachsen</p> <p>Leipzig, den 11. April 2024</p> <p>Unterschrift <i>A. Nobus</i></p> <p style="text-align: center;">32-0522/306/17</p>
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