

Unterführung eines Wirtschaftsweges/
Zufahrt ZABA

BW 5208 630
 Bau-km = 23+980,0399
 Kreuzungswinkel = 100 gon
 Lichte Weite = 7,00 m
 Lichte Höhe = > 4,503 m
 Gesamtbreite = 49,535 m
 Konstruktionshöhe + Belag = 0,78 m
 Belastung nach DIN-Fachbericht 101

Unterführung einer Landesstraße
L 16 / Johann-Quadt Straße

BW 5208 631
 Bau-km = 24+646,5939
 Kreuzungswinkel = 106,7101 gon
 Lichte Weite = 10,75 m
 Lichte Höhe = > 4,506 m
 Gesamtbreite = 46,07 m
 Konstruktionshöhe + Belag = 0,86 m
 Belastung nach DIN-Fachbericht 101

Unterführung eines Wirtschaftsweges

BW 5208 632
 Bau-km = 26+046,2495
 Kreuzungswinkel = 111,8971 gon
 Lichte Weite = 54,347 m
 Lichte Höhe = > 4,799 m
 Gesamtbreite = 6,50 m
 Konstruktionshöhe + Belag = 1,48 m
 Belastung nach DIN-Fachbericht 101

Unterführung der A 59
Rampe Richtung A 565
Erneuerung Bauwerk

BW 5208 635
 Bau-km = 26+554,5459
 Kreuzungswinkel = 56,56 gon
 Lichte Weite = 26,59 m
 Lichte Höhe = > 4,793 m
 Gesamtbreite = 50,415 m
 Konstruktionshöhe + Belag = 1,26 m
 Belastung nach DIN-Fachbericht 101

FR Köln = links
 H = 90000.000 m
 T = 393.368 m
 f = 0.860 m
 km 23+450.000
 h TS = 53.842 m

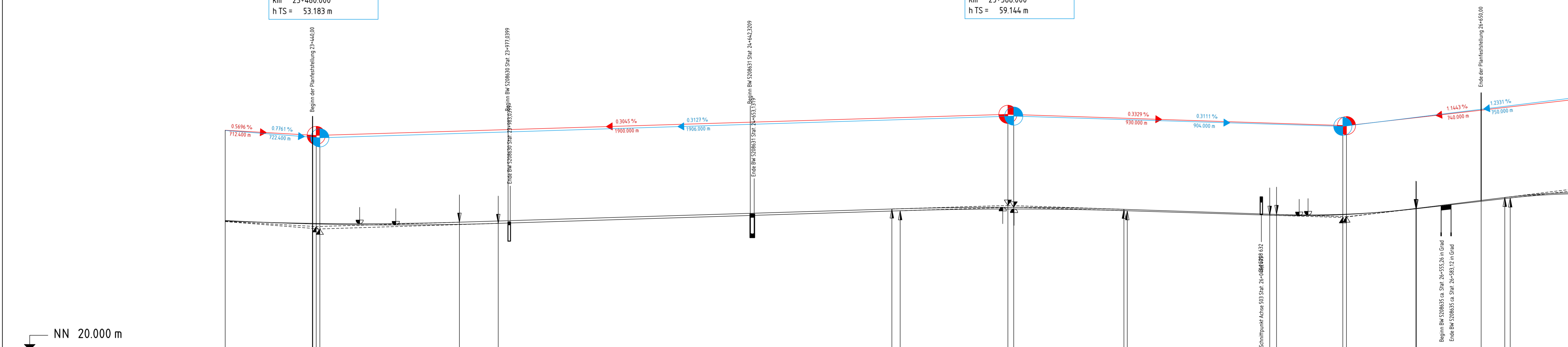
FR Bonn = rechts
 H = 90000.000 m
 T = 490.002 m
 f = 1.334 m
 km 23+460.000
 h TS = 53.183 m

FR Köln = links
 H = 100000.000 m
 T = 318.715 m
 f = 0.508 m
 km 25+350.000
 h TS = 59.628 m

FR Bonn = rechts
 H = 100000.000 m
 T = 311.903 m
 f = 0.486 m
 km 25+366.000
 h TS = 59.144 m

FR Bonn = rechts
 H = 26000.000 m
 T = 200.737 m
 f = 0.775 m
 km 26+270.000
 h TS = 56.332 m

FR Köln = links
 H = 26000.000 m
 T = 192.040 m
 f = 0.709 m
 km 26+280.000
 h TS = 56.532 m



Station	Höhe Gradiente L	Geländehöhe links	Höhe Gradiente R	Geländehöhe rechts	Station
23+400	54,782	54,713	54,676	55,560	23+400
23+410	54,792	54,721	54,541	55,550	23+410
23+420	54,649	54,497	54,433	54,448	23+420
23+430	54,675	54,529	54,393	54,380	23+430
23+440	54,678	54,533	54,371	54,375	23+440
23+450	54,679	54,534	54,371	54,363	23+450
23+460	54,718	54,571	54,395	54,357	23+460
23+470	54,806	54,659	54,485	54,348	23+470
23+480	54,918	54,766	54,592	54,386	23+480
23+490	55,000	54,826	54,658	54,451	23+490
23+500	55,000	54,826	54,658	54,525	23+500
23+510	55,212	54,898	54,732	54,669	23+510
23+520	55,365	54,976	54,810	54,810	23+520
23+530	55,517	55,037	54,897	54,948	23+530
23+540	55,669	55,098	55,008	55,108	23+540
23+550	55,821	55,159	55,185	55,265	23+550
23+560	55,974	55,220	55,361	55,428	23+560
23+570	56,126	55,281	55,547	55,594	23+570
23+580	56,278	55,342	55,731	55,765	23+580
23+590	56,430	55,403	55,916	55,936	23+590
23+600	56,582	55,464	56,101	56,106	23+600
23+610	56,734	55,525	56,286	56,277	23+610
23+620	56,886	55,586	56,471	56,448	23+620
23+630	57,038	55,647	56,656	56,629	23+630
23+640	57,190	55,708	56,841	56,814	23+640
23+650	57,342	55,769	57,026	57,000	23+650
23+660	57,494	55,830	57,211	57,185	23+660
23+670	57,646	55,891	57,396	57,370	23+670
23+680	57,798	55,952	57,581	57,555	23+680
23+690	57,950	56,013	57,766	57,740	23+690
23+700	58,102	56,074	57,951	57,925	23+700
23+710	58,254	56,135	58,136	58,110	23+710
23+720	58,406	56,196	58,321	58,295	23+720
23+730	58,558	56,257	58,506	58,480	23+730
23+740	58,710	56,318	58,691	58,665	23+740
23+750	58,862	56,379	58,876	58,850	23+750
23+760	59,014	56,440	59,061	59,035	23+760
23+770	59,166	56,501	59,246	59,220	23+770
23+780	59,318	56,562	59,431	59,405	23+780
23+790	59,470	56,623	59,616	59,590	23+790
23+800	59,622	56,684	59,801	59,775	23+800
23+810	59,774	56,745	59,986	59,960	23+810
23+820	59,926	56,806	60,171	60,145	23+820
23+830	60,078	56,867	60,356	60,330	23+830
23+840	60,230	56,928	60,541	60,515	23+840
23+850	60,382	56,989	60,726	60,700	23+850
23+860	60,534	57,050	60,911	60,885	23+860
23+870	60,686	57,111	61,096	61,070	23+870
23+880	60,838	57,172	61,281	61,255	23+880
23+890	60,990	57,233	61,466	61,440	23+890
23+900	61,142	57,294	61,651	61,625	23+900
23+910	61,294	57,355	61,836	61,810	23+910
23+920	61,446	57,416	62,021	62,005	23+920
23+930	61,598	57,477	62,206	62,190	23+930
23+940	61,750	57,538	62,391	62,375	23+940
23+950	61,902	57,599	62,576	62,560	23+950
23+960	62,054	57,660	62,761	62,745	23+960
23+970	62,206	57,721	62,946	62,930	23+970
23+980	62,358	57,782	63,131	63,115	23+980
23+990	62,510	57,843	63,316	63,300	23+990
24+000	62,662	57,904	63,501	63,485	24+000
24+010	62,814	57,965	63,686	63,670	24+010
24+020	62,966	58,026	63,871	63,855	24+020
24+030	63,118	58,087	64,056	64,040	24+030
24+040	63,270	58,148	64,241	64,225	24+040
24+050	63,422	58,209	64,426	64,410	24+050
24+060	63,574	58,270	64,611	64,595	24+060
24+070	63,726	58,331	64,796	64,780	24+070
24+080	63,878	58,392	64,981	64,965	24+080
24+090	64,030	58,453	65,166	65,150	24+090
24+100	64,182	58,514	65,351	65,335	24+100
24+110	64,334	58,575	65,536	65,520	24+110
24+120	64,486	58,636	65,721	65,705	24+120
24+130	64,638	58,697	65,906	65,890	24+130
24+140	64,790	58,758	66,091	66,075	24+140
24+150	64,942	58,819	66,276	66,260	24+150
24+160	65,094	58,880	66,461	66,445	24+160
24+170	65,246	58,941	66,646	66,630	24+170
24+180	65,398	59,002	66,831	66,815	24+180
24+190	65,550	59,063	67,016	67,000	24+190
24+200	65,702	59,124	67,201	67,185	24+200
24+210	65,854	59,185	67,386	67,370	24+210
24+220	66,006	59,246	67,571	67,555	24+220
24+230	66,158	59,307	67,756	67,740	24+230
24+240	66,310	59,368	67,941	67,925	24+240
24+250	66,462	59,429	68,126	68,110	24+250
24+260	66,614	59,490	68,311	68,295	24+260
24+270	66,766	59,551	68,496	68,480	24+270
24+280	66,918	59,612	68,681	68,665	24+280
24+290	67,070	59,673	68,866	68,850	24+290
24+300	67,222	59,734	69,051	69,035	24+300
24+310	67,374	59,795	69,236	69,220	24+310
24+320	67,526	59,856	69,421	69,405	24+320
24+330	67,678	59,917	69,606	69,590	24+330
24+340	67,830	59,978	69,791	69,775	24+340
24+350	67,982	60,039	69,976	69,960	24+350
24+360	68,134	60,100	70,161	70,145	24+360
24+370	68,286	60,161	70,346	70,330	24+370
24+380	68,438	60,222	70,531	70,515	24+380
24+390	68,590	60,283	70,716	70,700	24+390
24+400	68,742	60,344	70,901	70,885	24+400
24+410	68,894	60,405	71,086	71,070	24+410
24+420	69,046	60,466	71,271	71,255	24+420
24+430	69,198	60,527	71,456	71,440	24+430
24+440	69,350	60,588	71,641	71,625	24+440
24+450	69,502	60,649	71,826	71,810	24+450
24+460	69,654	60,710	72,011	72,000	24+460
24+470	69,806	60,771	72,196	72,185	24+470
24+480	69,958	60,832	72,381	72,370	24+480
24+490	70,110	60,893	72,566	72,555	24+490
24+500	70,262	60,954	72,751	72,740	24+500
24+510	70,414	61,015	72,936	72,925	24+510
24+520	70,566	61,076	73,121	73,110	24+520
24+530	70,718	61,137	73,306	73,295	24+530
24+540	70,870	61,198	73,491	73,480	24+540
24+550	71,022	61,259	73,676	73,665	24+550
24+560	71,174	61,320	73,861	73,850	24+560
24+570	71,326	61,381	74,046	74,035	24+570
24+580	71,478	61,442	74,231	74,220	24+580
24+590	71,630	61,503	74,416	74,405	24+590
24+600	71,782	61,564	74,601	74,590	24+600
24+610	71,934	61,625	74,786	74,775	24+610
24+620	72,086	61,686	74,971	74,960	24+620
24+630	72,238	61,747	75,156	75,145	24+630
24+640	72,390	61,808	75,341	75,330	24+640
24+650	72,542	61,869	75,526	75,515	24+650
24+660	72,694	61,930	75,711	75,700	24+660
24+670	72,846	61,991	75,896	75,885	24+670
24+680	73,000	62,052	76,081	76,070	24+680
24+690	73,152	62,113	76,266	76,255	24+690
24+700	73,304	62,174	76,451	76,440	24+700
24+710	73,456	62,235	76,636	76,625	24+710
24+720	73,608	62,296	76,821	76,810	24+720
24+730	73,760	62,357	77,006	77,000	24+730
24+740	73,912	62,418	77,191	77,185	24+740
24+750	74,064	62,479	77,376	77,370	24+750
24+760	74,216	62,540	77,561	77,555	24+760
24+770	74,368	62,601	77,746	77,740	24+770
24+780	74,520	62,662	77,931	77,925	24+780
24+790	74,672	62,723	78,116	78,110	24+790
24+800	74,824	62,784	78,301	78,295	24+800
24+810	74,976	62,845	78,486	78,480	24+810
24+820	75,128	62,906	78,671	78,665	24+820
24+830	75,280	62,967	78,856	78,850	24+830
24+840	75,432	63,028	79,041	79,035	24+840
24+850	75,584	63,089	79,226	79,220	24+850
24+860	75,736	63,150	79,411	79,405	24+860
24+870	75,888	63,211	79,596	79,590	24+870
24+880	76,040	63,272	79,781	79,775	24+880
24+890	76,192	63,333	79,966	79,960	24