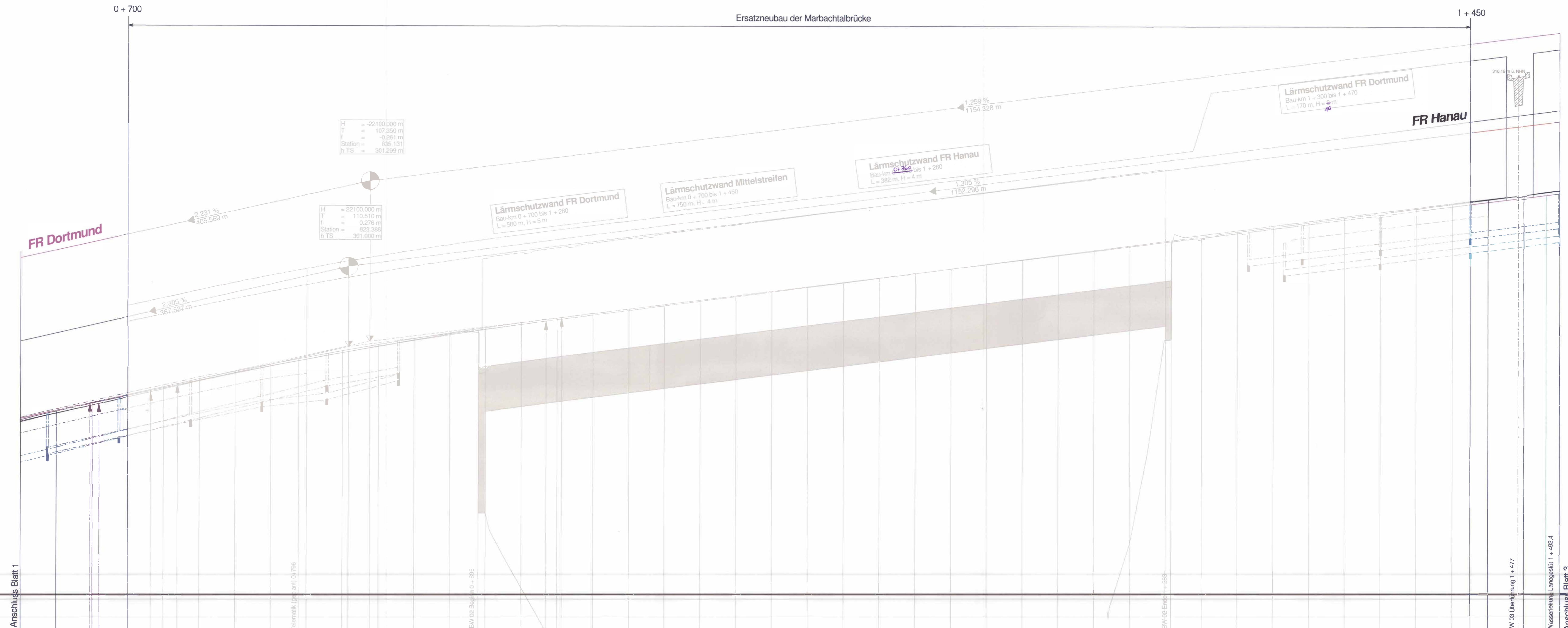


Bauwerk 02
 Brücke im Zuge der
 A45 über den Marbach
 Ersatzneubau Talbrücke Marbach
 Bau-km 1+093
 LW = 300 m
 LH ≥ 4,7 m

Bauwerk 030
 rechts, meist unverändert
 UEF Vogeltal
 Bau-km 1+477
 LW = 72,3 m
 LH ≥ 4,7 m
 NB: = 11,25 m

Ersatzneubau der Marbachtalbrücke



ZEICHENERKLÄRUNG:

links	rechts
H = 13,500 m T = 165,315 m f = 1,031 m km = 3+537,737 HLS = 318,455 m	H = 13,500 m T = 165,315 m f = 1,031 m km = 3+537,737 HLS = 318,455 m
2,000 ‰ 170,000 m	0,570 ‰ 260,000 m
2,000 ‰ 170,000 m	0,570 ‰ 260,000 m
Neigungsbrechpunkt mit Angabe von: Ausrundungshalbmesser Tangentenlänge Stichhöhe Bau-km Höhe Tangentenschnittpunkt	
Längeneigung und Abstand zum nächsten Neigungsbrechpunkt	
Ausrundungsbeg. Wanne / Ausrundungsende Kuppe	
Gradierenhochpunkt	
Gradientenstiefpunkt	
Damm	
Einschnitt	
Graben/Mulde links	
Graben/Mulde rechts	
Entwässerungslinie mit Schichten links	
Entwässerungslinie mit Schichten mitte	
Entwässerungslinie mit Schichten rechts	
Entwässerungslinie mit Schichten Bestand	

Lagebezugssystem ETRS89 mit UTM-Koordinatenwerte

Bauwerke	BW 02										BW 03																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
Entwässerung FR Dortmund																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
Entwässerung Mittelstreifen	254,860	DN 300	256,870	DN 300	258,880	DN 300	260,890	DN 300	262,900	DN 300	264,910	DN 300	266,920	DN 300	268,930	DN 300	270,940	DN 300	272,950	DN 300	274,960	DN 300	276,970	DN 300	278,980	DN 300	280,990	DN 300	282,000	DN 300	284,010	DN 300	286,020	DN 300	288,030	DN 300	290,040	DN 300	292,050	DN 300	294,060	DN 300	296,070	DN 300	298,080	DN 300	300,090	DN 300	302,100	DN 300	304,110	DN 300	306,120	DN 300	308,130	DN 300	310,140	DN 300	312,150	DN 300	314,160	DN 300	316,170	DN 300	318,180	DN 300	320,190	DN 300	322,200	DN 300	324,210	DN 300	326,220	DN 300	328,230	DN 300	330,240	DN 300	332,250	DN 300	334,260	DN 300	336,270	DN 300	338,280	DN 300	340,290	DN 300	342,300	DN 300	344,310	DN 300	346,320	DN 300	348,330	DN 300	350,340	DN 300	352,350	DN 300	354,360	DN 300	356,370	DN 300	358,380	DN 300	360,390	DN 300	362,400	DN 300	364,410	DN 300	366,420	DN 300	368,430	DN 300	370,440	DN 300	372,450	DN 300	374,460	DN 300	376,470	DN 300	378,480	DN 300	380,490	DN 300	382,500	DN 300	384,510	DN 300	386,520	DN 300	388,530	DN 300	390,540	DN 300	392,550	DN 300	394,560	DN 300	396,570	DN 300	398,580	DN 300	400,590	DN 300	402,600	DN 300	404,610	DN 300	406,620	DN 300	408,630	DN 300	410,640	DN 300	412,650	DN 300	414,660	DN 300	416,670	DN 300	418,680	DN 300	420,690	DN 300	422,700	DN 300	424,710	DN 300	426,720	DN 300	428,730	DN 300	430,740	DN 300	432,750	DN 300	434,760	DN 300	436,770	DN 300	438,780	DN 300	440,790	DN 300	442,800	DN 300	444,810	DN 300	446,820	DN 300	448,830	DN 300	450,840	DN 300	452,850	DN 300	454,860	DN 300	456,870	DN 300	458,880	DN 300	460,890	DN 300	462,900	DN 300	464,910	DN 300	466,920	DN 300	468,930	DN 300	470,940	DN 300	472,950	DN 300	474,960	DN 300	476,970	DN 300	478,980	DN 300	480,990	DN 300	482,000	DN 300	484,010	DN 300	486,020	DN 300	488,030	DN 300	490,040	DN 300	492,050	DN 300	494,060	DN 300	496,070	DN 300	498,080	DN 300	500,090	DN 300	502,100	DN 300	504,110	DN 300	506,120	DN 300	508,130	DN 300	510,140	DN 300	512,150	DN 300	514,160	DN 300	516,170	DN 300	518,180	DN 300	520,190	DN 300	522,200	DN 300	524,210	DN 300	526,220	DN 300	528,230	DN 300	530,240	DN 300	532,250	DN 300	534,260	DN 300	536,270	DN 300	538,280	DN 300	540,290	DN 300	542,300	DN 300	544,310	DN 300	546,320	DN 300	548,330	DN 300	550,340	DN 300	552,350	DN 300	554,360	DN 300	556,370	DN 300	558,380	DN 300	560,390	DN 300	562,400	DN 300	564,410	DN 300	566,420	DN 300	568,430	DN 300	570,440	DN 300	572,450	DN 300	574,460	DN 300	576,470	DN 300	578,480	DN 300	580,490	DN 300	582,500	DN 300	584,510	DN 300	586,520	DN 300	588,530	DN 300	590,540	DN 300	592,550	DN 300	594,560	DN 300	596,570	DN 300	598,580	DN 300	600,590	DN 300	602,600	DN 300	604,610	DN 300	606,620	DN 300	608,630	DN 300	610,640	DN 300	612,650	DN 300	614,660	DN 300	616,670	DN 300	618,680	DN 300	620,690	DN 300	622,700	DN 300	624,710	DN 300	626,720	DN 300	628,730	DN 300	630,740	DN 300	632,750	DN 300	634,760	DN 300	636,770	DN 300	638,780	DN 300	640,790	DN 300	642,800	DN 300	644,810	DN 300	646,820	DN 300	648,830	DN 300	650,840	DN 300	652,850	DN 300	654,860	DN 300	656,870	DN 300	658,880	DN 300	660,890	DN 300	662,900	DN 300	664,910	DN 300	666,920	DN 300	668,930	DN 300	670,940	DN 300	672,950	DN 300	674,960	DN 300	676,970	DN 300	678,980	DN 300	680,990	DN 300	682,000	DN 300	684,010	DN 300	686,020	DN 300	688,030	DN 300	690,040	DN 300	692,050	DN 300	694,060	DN 300	696,070	DN 300	698,080	DN 300	700,090	DN 300	702,100	DN 300	704,110	DN 300	706,120	DN 300	708,130	DN 300	710,140	DN 300	712,150	DN 300	714,160	DN 300	716,170	DN 300	718,180	DN 300	720,190	DN 300	722,200	DN 300	724,210	DN 300	726,220	DN 300	728,230	DN 300	730,240	DN 300	732,250	DN 300	734,260	DN 300	736,270	DN 300	738,280	DN 300	740,290	DN 300	742,300	DN 300	744,310	DN 300	746,320	DN 300	748,330	DN 300	750,340	DN 300	752,350	DN 300	754,360	DN 300	756,370	DN 300	758,380	DN 300	760,390	DN 300	762,400	DN 300	764,410	DN 300	766,420	DN 300	768,430	DN 300	770,440	DN 300	772,450	DN 300	774,460	DN 300	776,470	DN 300	778,480	DN 300	780,490	DN 300	782,500	DN 300	784,510	DN 300	786,520	DN 300	788,530	DN 300	790,540	DN 300	792,550	DN 300	794,560	DN 300	796,570	DN 300	798,580	DN 300	800,590	DN 300	802,600	DN 300	804,610	DN 300	806,620	DN 300	808,630	DN 300	810,640	DN 300	812,650	DN 300	814,660	DN 300	816,670	DN 300	818,680	DN 300	820,690	DN 300	822,700	DN 300	824,710	DN 300	826,720	DN 300	828,730	DN 300	830,740	DN 300	832,750	DN 300	834,760	DN 300	836,770	DN 300	838,780	DN 300	840,790	DN 300	842,800	DN 300	844,810	DN 300	846,820	DN 300	848,830	DN 300	850,840	DN 300	852,850	DN 300	854,860	DN 300	856,870	DN 300	858,880	DN 300	860,890	DN 300	862,900	DN 300	864,910	DN 300	866,920	DN 300	868,930	DN 300	870,940	DN 300	872,950	DN 300	874,960	DN 300	876,970	DN 300	878,980	DN 300	880,990	DN 300	882,000	DN 300	884,010	DN 300	886,020	DN 300	888,030	DN 300	890,040	DN 300	892,050	DN 300	894,060	DN 300	896,070	DN 300	898,080	DN 300	900,090	DN 300	902,100	DN 300	904,110	DN 300	906,120	DN 300	908,130	DN 300	910,140	DN 300	912,150	DN 300	914,160	DN 300	916,170	DN 300	918,180	DN 300	920,190	DN 300	922,200	DN 300	924,210	DN 300	926,220	DN 300	928,230	DN 300	930,240	DN 300	932,250	DN 300	934,260	DN 300	936,270	DN 300	938,280	DN 300	940,290	DN 300	942,300	DN 300	944,310	DN 300	946,320	DN 300	948,330	DN 300	950,340	DN 300	952,350	DN 300	954,360	DN 300	956,370	DN 300	958,380	DN 300	960,390	DN 300	962,400	DN 300	964,410	DN 300	966,420	DN 300	968,430	DN 300	970,440	DN 300	972,450	DN 300	974,460	DN 300	976,470	DN 300	978,480	DN 300	980,490	DN 300	982,500	DN 300	984,510	DN 300	986,520	DN 300	988,530	DN 300	990,540	DN 300	992,550	DN 300	994,560	DN 300	996,570	DN 300	998,580	DN 300	1000,590	DN 300	1002,600	DN 300	1004,610	DN 300	1006,620	DN 300	1008,630	DN 300	1010,640	DN 300	1012,650	DN 300	1014,660	DN 300	1016,670	DN 300	1018,680	DN 300	1020,690	DN 300	1022,700	DN 300	1024,710	DN 300	1026,720	DN 300	1028,730	DN 300	1030,740	DN 300	1032,750	DN 300	1034,760	DN 300	1036,770	DN 300	1038,780	DN 300	1040,790	DN 300	1042,800	DN 300	1044,810	DN 300	1046,820	DN 300	1048,830	DN 300	1050,840	DN 300	1052,850	DN 300	1054,860	DN 300	1056,870	DN 300	1058,880	DN 300	1060,890	DN 300	1062,900	DN 300	1064,910	DN 300	1066,920	DN 300	1068,930	DN 300	1070,940	DN 300	1072,950	DN 300	1074,960	DN 300	1076,970	DN 300	1078,980	DN 300	1080,990	DN 300	1082,000	DN 300	1084,010	DN 300	1086,020	DN 300	1088,030	DN 300	1090,040	DN 300	1092,050	DN 300	1094,060	DN 300	1096,070	DN 300	1098,080	DN 300	1100,090	DN 300	1102,100	DN 300	1104,110	DN 300	1106,120	DN 300	1108,130	DN 300	1110,140	DN 300	1112,150	DN 300	1114,160	DN 300	1116,170	DN 300	1118,180	DN 300	1120,190	DN 300	1122,200	DN 300	1124,210	DN 300	1126,220	DN 300	1128,230	DN 300	1130,240	DN 300	1132,250	DN 300	1134,260	DN 300	1136,270	DN 300	1138,280	DN 300	1140,290	DN 300	1142,300	DN 300	1144,310	DN 300	1146,320	DN 300	1148,330	DN 300	1150,340	DN 300	1152,350	DN 300	1154,360	DN 300	1156,370	DN 300	1158,380	DN 300	1160,390	DN 300	1162,400	DN 300	1164,410	DN 300	1166,420	DN 300	1168,430	DN 300	1170,440	DN 300	1172,450	DN 300	1174,460	DN 300	1176,470	DN 300	1178,480	DN 300	1180,490	DN 300	1182,500	DN 300	1184,510	DN 300	1186,520	DN 300	1188,530	DN 300	1190,540	DN 300	1192,550	DN 300	1194,560	DN 300	1196,570	DN 300	1198,580	DN 300	1200,590	DN 300	1202,600	DN 300	1204,610	DN 300	1206,620	DN 300	1208,630	DN 300	1210,640	DN 300	1212,650	DN 300	1214,660	DN 300	1216,670	DN 300	1218,680	DN 300	1220,690	DN 300	1222,700	DN 300	1224,710	DN 300	1226,720	DN 300	1228,730	DN 300	1230,740	DN 300	1232,750	DN 300	1234,760	DN 300	1236,770	DN 300	1238,780	DN 300	1240,790	DN 300	1242,800	DN 300	1244,810	DN 300	1246,820	DN 300	1248,830	DN 300	1250,840	DN 300	1252,850