

3. 2.3.6-1 Traffic characteristics of stations and service places, ruling gradients, maximum and minimum gradients of railway lines - MÁV Zrt.

The following modification was made:

Line number	Statistical number of service place	Name of service place	Traffic controlling place	Staffless	Remote controlled/Remote operated	Type of signalling tool	Suitable for train crossing	Spacing order	Maximum gradient (up) (%)		Maximum gradient (down) (%)		Ruling gradient (%)		Ruling down-gradient (%)	
									towards endpoint	towards starting point	towards endpoint	towards starting point	towards endpoint	towards starting point	towards endpoint	towards starting point
30	03137	Nagytétény	-	yes	remote operated, FET	SIMIS IS	yes	automatic spacing - train protection	6,9 8,5	0,7	6,7 0	0,2	6,9 8,5	1	6,7	0,2
30	03153	Érd alsó elágazás	-	yes	remote controlled	SIMIS IS	no	automatic spacing - train protection	8,5	0	8,9	8,5	8,5	0	6,7	0,2
30	03160	Tárnok	-	yes	remote operated, FET	SIMIS IS	yes	automatic spacing - train protection	7,2	6,7 8,9	7	6,9 8,5	7,2	6,7 8,9	7	6,9
32	03153	Érd alsó elágazás	-	yes	remote controlled	SIMIS IS	no	-	10		3,2		10,4		2,5	
32	05827	Érd	-	yes	remote operated, FET	SIMIS IS	yes	automatic spacing - train protection		3,2		10		5,0		8
35	08276	Felsőmocsolád mrh.	no	no yes	no	form signal (non-secured) other station or junction signalling tool	no	non automatic spacing - train reporter	15	8	15	10	17,7	8	15	8
40	05852	Ercsi elágazás	-	yes	remote operated	SIMIS IS	no	automatic spacing - train protection	7,5	9	1,2	7,7	8	9,24	1,2	7,2

4. 5.2-4 Service place categories and line categories of MÁV Zrt.

The following modification was made:

Line number according to NS	IT line number	Sservice place code	Name of the service place	Chargeable kilometres	Station category for passenger trains	Station category for freight trains	Line category	Start/end of the train path	Request stop available
30	30	01016	Budapest-Déli	0 0,0	1	2	1	Yes	No
30	30	01024	Budapest-Kelenföld	4,2 4,1	1	2	1	Yes	No
30	30	03111	Albertfalva mh.ipvk.	7,2 7,1	1	3	1	Yes	No
30	30	03145	Tétényliget mh.	17,4 17,3	1	3	1	No	No
30	30	03152	Érd alsó mh.	19,7 19,8	2	3	1	No	No
30	30	03153	Érd alsó elágazás	20,5 0	0	0	1	No	No
30	30	03160	Tárnok	23,9 24,0	1	2	1	Yes	No
30	30	03210	Velence mh.	46,3 46,0	1	3	1	No	No
30	30	03103	Dinnyés mh.	55,4 55,5	2	3	1	No	No
30	30	03251	Ódinnyés forgalmi kitérő	57,3 57,4	4	3	1	No	No
30	30	41095	Székesfehérvár-Repülőtér mh. (Székesfehérvár)	70,4 70,5	2	3	1	No	Yes
30	30	03301	Lepsény	94,5 94,8	1	2	1	Yes	No
30	30	03319	Balatonaliga	101,7 101,8	1	2	1	Yes	No
30	30	03327	Balatonvilágos mh.	104,2 104,3	1	3	1	No	No
30	30	03335	Szabadisóstó	108,6 108,8	1	2	1	Yes	No
30	30	41327	Siófok-Teher	113,8 114,0	0	2	1	Yes	No
30	30	03376	Balatonszéplak alsó mh.	119,5 119,4	1	3	1	No	No
30	30	03384	Zamárdi felső	121,2 121,4	1	3	1	Yes	No

Line number according to NS	IT line number	Sservice place code	Name of the service place	Chargeable kilometres	Station category for passenger trains	Station category for freight trains	Line category	Start/end of the train path	Request stop available
30	30	03400	Szántód	127,3 127,5	2	2	1	Yes	No
30	30	03418	Balatonföldvár mh.	129,1 129,2	1	3	1	No	No
30	30	03426	Balatonszárszó	133,5 133,7	1	2	1	Yes	No
30	30	03434	Balatonszemes	138,3 138,4	1	2	1	Yes	No
30	30	03439	Balatonszemes elágazás	141,0	0	0	1	No	No
30	30	03442	Balatonlelle felső	143,1	1	3	1	Yes	No
30	30	03459	Balatonlelle mh.	145,2	1	3	1	No	No
30	30	03475	Balatonboglár	149,1	1	3	1	Yes	No
30	30	03467	Fonyódliget mh.	153,8 153,9	2	3	1	No	No
30	30	03491	Fonyód	156,5 156,6	1	2	1	Yes	No
30	30	03509	Bélatelep mh.	158,7 159,0	2	3	1	No	Yes
30	30	03517	Alsóbélatelep mh.	160,6 161,1	2	3	1	No	Yes
30	30	03525	Balatonfenyves	163,5 163,7	1	2	1	Yes	No
30	30	03483	Balatonfenyves alsó mh.	166,2	2	3	1	No	Yes
30	30	03533	Mária hullámtelep mh.	167,5 167,6	2	3	1	No	Yes
30	30	03534	Máriaszőlőtelep	169,5 169,4	2	3	1	No	Yes
30	30	03541	Balatonmáriafürdő	172,3 172,1	1	3	1	Yes	No
30	30	43422	Balatonmáriafürdő elágazás	173,4 173,5	0	0	1	No	No
30	30	03558	Balatonberény mh.	176,8 176,9	2	3	1	No	Yes
30	30	03566	Balatonszentgyörgy	180,1	1	2	1	Yes	No
30	30	03582	Sávoly	190,5 190,3	2	3	1	Yes	No
30	30	03657	Zalacomár	200,2 200,1	2	2	1	Yes	No
30	30	03608	Zalaszentjakab	206,1 206,0	2	2	1	Yes	No
30	30	03616	Nagyrécsce	214,5 214,3	2	2	1	Yes	No
30	30	03624	Nagykanizsa	221,2 221,0	1	2	1	Yes	No
30	30	45518	Bajcsa forgalmi kitérő	227,9 227,8	0	0	1	Yes	No
30	30	03632	Fityeház mh.	230,1 230,0	3	3	1	No	No
30	30	03640	Murakeresztúr	234 233,9	2	1	1	Yes	No
30	30H	03640	Murakeresztúr	2,1	2	1	2	Yes	No
32	32	03153	Érd alsó elágazás	0	0	0	1	No	No
32	32	05827	Érd	1,7	1	2	1	Yes	No
35	35	08276	Felsőmocsolád mrh.	26,2	4	3	3	Yes	No

5. 7.3.1.3.2.1 Availability of station shunting locomotive and shunting staff

The following modification was made:

Number	Name of the service location	Code number of the service location	Operation time
3.	Dombóvár	06189	Shunting locomotive: 00:00 - 05:15 07:15 - 11:05 12:25 - 24:00 Shunting staff: continuous