

Trať: Výh Studený Potok zast. – Tatranská Lomnica

| | | |
|-----------------------------------|--|---------|
| Organizácia riadiaca dopravu | Železnice Slovenskej republiky (ŽSR) | |
| Diaľkovo ovládaná trať (DOT) | | |
| Centrum riadenia dopravy DOT | | |
| Návestný systém | Úroveň 0 | |
| Smer | Výh Studený Potok – Tatranská Lomnica | |
| Trakčná sústava | | |
| Rozchod | 1 435 mm | |
| Prevádzka | Zjednodušené riadenie vlakovej dopravy | |
| Najvyššia traťová rýchlosť | Výh Studený Potok – Tatranská Lomnica | 60 km/h |
| Zábrzdňá vzdialenosť | Výh Studený Potok – Tatranská Lomnica | 400 m |
| Začiatok trate: Tatranská Lomnica | Koniec trate: Výh Studený Potok zast. | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|-----------------------------|-------|-----|----|---|--------|--|
| 1 ▣ Výh Studený Potok zast. | 0,034 | | 25 | | | ∩ = km 7,226 TTP: 112A, + |
| | 0,094 | 1Pr | | | | |
| | 0,288 | | 60 | | | |
| Pískajte | 0,322 | | | | | |
| k | 0,574 | | | | P | |
| PZS 2 | 1,346 | | | | C-III. | ZHIÚ 0,860; k. Stud. Potok, KHIÚ 1,832 |
| PZS 2 | 1,996 | | | | C-II. | ZHIÚ 1,183; k. Stud. Potok, KHIÚ 2,783 |
| Pískajte | 2,243 | | | | | |
| k | 2,590 | | | | C-IV. | |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|----------------------------------|-------|---|----|---|-------|--|
| Veľká Lomnica-Golf zast. | 3,438 | | | | | |
| PZS 2 | 3,491 | | | | C-IV. | ZHIÚ 2,990; k. Stud. Potok; KHIÚ 3,990 |
| PZS 2 | 4,827 | | | | C-II. | ZHIÚ 4,056; k. Stud. Potok; KHIÚ 5,587 |
| Tatranská Lomnica zastávka zast. | 5,555 | | | | | |
| Pískajte | 7,582 | | | | | |
| k | 7,926 | | | | C-IV. | |
| | 8,623 | | 40 | | | v bez z, priecestie |
| PZS 2 | 8,689 | | | | C-IV. | ZHIÚ 8,219; k. Stud. Potok; KHIÚ 8,864 |
| Lichobežníková tabuľka | 8,827 | | | | | |
| 1 Tatranská Lomnica | 8,890 | | | | | = km 5,950 TTP: 112 E, + |

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|---|----------------------------------|---|---------------------------------------|----|--------|--|
| Smer | | Tatranská Lomnica – Výh Studený Potok zast. | | | | |
| Začiatok trate: Tatranská Lomnica | | | Koniec trate: Výh Studený Potok zast. | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| 1 | Tatranská Lomnica | 8,890 | 1Pr | | | = km 5,950 TTP: 112 E, + |
| | | 8,859 | | 20 | | priec |
| | PZS 2 | 8,689 | | | C-IV. | ZHIÚ 8,864; k. Stud. Potok; KHIÚ 8,219 |
| | | 8,623 | | 60 | | |
| | Pískajte | 8,270 | | | | |
| | k | 7,926 | | | C-IV. | |
| | Tatranská Lomnica zastávka zast. | 5,555 | | | | |
| | PZS 2 | 4,827 | | | C-II. | ZHIÚ 5,587; k. Stud. Potok; KHIÚ 4,056 |
| | PZS 2 | 3,491 | | | C-IV. | ZHIÚ 3,990; k. Stud. Potok; KHIÚ 2,990 |
| | Veľká Lomnica-Golf zast. | 3,438 | | | | |
| | Pískajte | 2,937 | | | | |
| | k | 2,590 | | | C-IV. | |
| | PZS 2 | 1,996 | | | C-II. | ZHIÚ 2,783; k. Stud. Potok; KHIÚ 1,183 |
| | PZS 2 | 1,346 | | | C-III. | ZHIÚ 1,832; k. Stud. Potok, KHIÚ 0,860 |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|-----------------------------|-------|---|----|---|---|-----------------------------|
| Pískajte | 0,826 | | | | | |
| k | 0,574 | | | | P | |
| | 0,288 | | 25 | | | ∩ |
| TL | 0,260 | | | | | |
| 1 ▫ Výh Studený Potok zast. | 0,094 | | | | | = km 7,226 + TTP: 112 A, |

| Trať: Tatranská Lomnica – Výh Studený Potok zast. | | | | | | | | | | | |
|--|----|---|---|---|----|---------------------------------------|----|---|----|----|----|
| Normatív dĺžky nákladných vlakov | | 75 m | | | | | | | | | |
| Normatív dĺžky osobných vlakov | | m/nápr - uvedené v záhlaví CP príslušných vlakov OD | | | | | | | | | |
| Traťový rádiový systém | | | | | | | | | | | |
| Začiatok trate: Tatranská Lomnica | | | | | | Koniec trate: Výh Studený Potok zast. | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| Tatranská Lomnica | 61 | | 2 | 0 | - | 5 | K | | | | |
| Výh Studený Potok zast. | 98 | | | - | 39 | 10 | KZ | | | | |

| 1 | 2 | 3 | | |
|--------|----------------------------|-------------------|----------------------------|--------------------|
| 142109 | Studený Potok | 9 | 5 | 3 |
| 142216 | Veľká Lomnica-Golf | 5 | 2 | Veľká Lomnica-Golf |
| 144006 | Tatranská Lomnica zastávka | 3 | Tatranská Lomnica zastávka | |
| 141705 | Tatranská Lomnica | Tatranská Lomnica | | |

| Trať: Výh Studený Potok zast. – Tatranská Lomnica | | | |
|--|----|--|---|
| Začiatok trate: Tatranská Lomnica | | Koniec trate: Výh Studený Potok zast. | |
| 1 | 2 | 3 | 4 |
| Výh Studený Potok zast. - Tatranská Lomnica | D4 | 1,2 | |

| Trať: Vých Studený Potok zast. – Tatranská Lomnica | | |
|---|--|---|
| Obrys vozidla: | GB / 1-VM | |
| 8-miestny kód trate: | 5-0013-432 / 5-3399-470 | |
| Priechodný prierez: | Pp B / 1-SM | |
| Profil intermodálnej dopravy: | | |
| Začiatok trate: Tatranská Lomnica | Koniec trate: Vých Studený Potok zast | |
| 1 | 2 | 3 |
| | | |

| | | | | | | | | | | | | | | | | |
|------------------------------|---------------|----|--------------------------------|------------|---------------------------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|
| Údaj platí od dopravne | rozhodný spád | | Režim brzdenia P, R alebo R+Mg | | | | | | | | | | | | | |
| | | | rozhodné stúpanie | | Stanovená rýchlosť v km/h | | | | | | | | | | | |
| | 30 | 40 | | | 50 | 60 | | | | | | | | | | |
| | v ‰ | | Druh vozňov a počet náprav | | | | | | | | | | | | | |
| | | | A | B | A | B | A | B | A | B | A | B | A | B | A | B |
| 1 | 2 | 3 | do 60 | 61- 100 | do 60 | 61- 100 | do 60 | 61- 100 | do 60 | 61- 100 | do 60 | 61- 100 | do 60 | 61- 100 | do 60 | 61- 100 |
| | | | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |

Trať: Výh Studený Potok zast. – Tatranská Lomnica

Smer jazdy: Výh Studený Potok zast. – Tatranská Lomnica

| | | | | | | | | | | | | | | | | |
|-----------------------|---|----|----|----|----|----|----|----|----|----|--|--|--|--|--|--|
| Výh Stud. Potok zast. | 0 | 37 | 53 | 58 | 53 | 58 | 53 | 58 | 53 | 61 | | | | | | |
| Tatr. Lomnica | | | | | | | | | | | | | | | | |

Smer jazdy: Tatranská Lomnica – Výh Studený Potok zast.

| | | | | | | | | | | | | | | | | |
|-----------------------|----|---|----|----|----|----|----|-----|----|-----|--|--|--|--|--|--|
| Tatr. Lomnica | 37 | 0 | 53 | 58 | 64 | 74 | 84 | 101 | | | | | | | | |
| Tatr. Lomnica zast. | 23 | 0 | 35 | 38 | 45 | 52 | 61 | 75 | 83 | 111 | | | | | | |
| Výh Stud. Potok zast. | | | | | | | | | | | | | | | | |

Tabuľka brzdiacich percent

Zábarzdňá vzdialenosť 400 m

Režim brzdenia P Vlaky osobnej dopravy do 20 náprav
 Vlaky nákladnej dopravy do 140 m

| Rozhodný spád ‰ | Dovolená rýchlosť v km/h do | | | | | | | | |
|-----------------------|-----------------------------|----|----|----|----|----|----|----|----|
| | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 |
| | Brzdiace percentá | | | | | | | | |
| 0 | 10 | 10 | 10 | 10 | 13 | 17 | 22 | 28 | 35 |
| 1 | 10 | 10 | 10 | 10 | 14 | 18 | 23 | 29 | 36 |
| 2 | 10 | 10 | 10 | 11 | 15 | 19 | 24 | 30 | 37 |
| 3 | 10 | 10 | 10 | 12 | 16 | 20 | 25 | 31 | 38 |
| 4 | 10 | 10 | 10 | 13 | 17 | 21 | 26 | 32 | 39 |
| 5 | 10 | 10 | 10 | 14 | 18 | 22 | 27 | 33 | 40 |
| 6 | 10 | 10 | 11 | 15 | 18 | 23 | 28 | 34 | 41 |
| 7 | 10 | 10 | 12 | 15 | 19 | 24 | 29 | 35 | 42 |
| 8 | 10 | 10 | 13 | 16 | 20 | 25 | 30 | 36 | 43 |
| 9 | 10 | 10 | 13 | 17 | 21 | 26 | 31 | 37 | 44 |
| 10 | 10 | 11 | 14 | 18 | 22 | 27 | 32 | 38 | 45 |
| 11 | 10 | 12 | 15 | 19 | 23 | 28 | 33 | 39 | 47 |
| 12 | 10 | 12 | 16 | 20 | 24 | 28 | 34 | 40 | 48 |
| 13 | 10 | 13 | 17 | 20 | 25 | 29 | 35 | 42 | 49 |
| 14 | 11 | 14 | 18 | 21 | 26 | 30 | 36 | 43 | 50 |
| 15 | 12 | 15 | 18 | 22 | 26 | 31 | 37 | 44 | 52 |
| 16 | 12 | 16 | 19 | 23 | 28 | 33 | 38 | 46 | 53 |
| 17 | 13 | 16 | 20 | 24 | 29 | 34 | 40 | 47 | 55 |
| 18 | 14 | 17 | 21 | 25 | 30 | 35 | 41 | 48 | 56 |
| 19 | 15 | 18 | 22 | 26 | 31 | 37 | 43 | 50 | 58 |
| 20 | 15 | 19 | 23 | 28 | 32 | 38 | 44 | 51 | 59 |
| 21 | 16 | 20 | 24 | 29 | 34 | 39 | 46 | 53 | 61 |
| 22 | 17 | 21 | 25 | 30 | 35 | 41 | 47 | 54 | 62 |
| 23 | 18 | 22 | 26 | 31 | 36 | 42 | 49 | 56 | 64 |
| 24 | 19 | 22 | 27 | 32 | 37 | 43 | 50 | 58 | 67 |
| 25 | 19 | 23 | 28 | 33 | 38 | 45 | 52 | 60 | 69 |
| 26 | 20 | 24 | 29 | 34 | 39 | 46 | 53 | 61 | 71 |
| 27 | 21 | 25 | 30 | 35 | 41 | 47 | 55 | 63 | 73 |
| 28 | 22 | 26 | 31 | 36 | 42 | 49 | 56 | 65 | 75 |
| 29 | 23 | 27 | 32 | 37 | 43 | 50 | 58 | 67 | 77 |

| Rozhodný spád ‰ | Dovolená rýchlosť v km/h do | | | | | | | | |
|-----------------------|-----------------------------|----|----|----|----|-----|-----|-----|-----|
| | 20 | 25 | 30 | 35 | 40 | 45 | 50 | 55 | 60 |
| | Brzdiace percentá | | | | | | | | |
| 30 | 23 | 28 | 33 | 38 | 44 | 51 | 59 | 69 | 79 |
| 31 | 24 | 28 | 34 | 39 | 45 | 53 | 61 | 70 | 81 |
| 32 | 25 | 29 | 35 | 40 | 47 | 54 | 63 | 72 | 83 |
| 33 | 26 | 30 | 35 | 41 | 48 | 56 | 64 | 74 | 85 |
| 34 | 26 | 31 | 36 | 42 | 49 | 57 | 66 | 76 | 87 |
| 35 | 27 | 31 | 37 | 43 | 50 | 59 | 68 | 78 | 89 |
| 36 | 28 | 32 | 38 | 44 | 51 | 60 | 70 | 80 | 92 |
| 37 | 28 | 33 | 39 | 45 | 52 | 62 | 71 | 82 | 94 |
| 38 | 29 | 34 | 40 | 46 | 54 | 63 | 73 | 84 | 97 |
| 39 | 30 | 34 | 41 | 47 | 55 | 65 | 75 | 86 | 99 |
| 40 | 31 | 35 | 41 | 48 | 56 | 66 | 77 | 89 | 102 |
| 41 | 31 | 36 | 42 | 49 | 57 | 67 | 78 | 91 | 104 |
| 42 | 32 | 37 | 43 | 50 | 58 | 69 | 80 | 93 | 107 |
| 43 | 33 | 37 | 44 | 51 | 60 | 70 | 82 | 95 | 110 |
| 44 | 34 | 38 | 45 | 52 | 61 | 72 | 84 | 97 | 112 |
| 45 | 34 | 39 | 46 | 53 | 62 | 73 | 85 | 99 | 116 |
| 46 | 35 | 40 | 47 | 54 | 63 | 75 | 87 | 102 | 119 |
| 47 | 36 | 41 | 48 | 55 | 64 | 76 | 89 | 104 | 121 |
| 48 | 37 | 41 | 48 | 56 | 65 | 78 | 91 | 106 | 124 |
| 49 | 37 | 42 | 49 | 57 | 67 | 79 | 93 | 108 | 126 |
| 50 | 38 | 43 | 50 | 58 | 68 | 81 | 94 | 110 | |
| 51 | 39 | 44 | 51 | 59 | 69 | 82 | 96 | 112 | |
| 52 | 40 | 44 | 52 | 60 | 70 | 84 | 98 | 114 | |
| 53 | 40 | 45 | 53 | 61 | 71 | 85 | 100 | 117 | |
| 54 | 41 | 46 | 54 | 62 | 73 | 87 | 101 | 119 | |
| 55 | 42 | 47 | 55 | 63 | 74 | 88 | 103 | 121 | |
| 56 | 42 | 47 | 55 | 64 | 75 | 90 | 105 | 123 | |
| 57 | 43 | 48 | 56 | 65 | 76 | 91 | 107 | 125 | |
| 58 | 44 | 49 | 57 | 66 | 77 | 93 | 108 | | |
| 59 | 45 | 50 | 58 | 67 | 78 | 94 | 110 | | |
| 60 | 45 | 50 | 59 | 68 | 80 | 96 | 112 | | |
| 61 | 46 | 51 | 60 | 69 | 81 | 97 | 114 | | |
| 62 | 47 | 52 | 61 | 70 | 82 | 99 | 115 | | |
| 63 | 48 | 53 | 61 | 71 | 83 | 100 | 117 | | |
| 64 | 48 | 53 | 62 | 72 | 84 | 102 | 119 | | |
| 65 | 49 | 54 | 63 | 74 | 86 | 103 | 121 | | |

Zábarzdňá vzdialenosť 400 m
Režim brzdenia G

| Rozhodný spád ‰ | Dovolená rýchlosť km/h | | | | |
|-----------------------|---------------------------|----|----|----|----|
| | 10 | 15 | 20 | 25 | 30 |
| | Brzdiace percentá | | | | |
| 0 | 8 | 9 | 10 | 11 | 12 |
| 1 | 8 | 9 | 10 | 11 | 12 |
| 2 | 8 | 9 | 10 | 11 | 13 |
| 3 | 8 | 9 | 11 | 11 | 14 |
| 4 | 9 | 10 | 11 | 12 | 15 |
| 5 | 9 | 10 | 11 | 13 | 16 |
| 6 | 9 | 10 | 11 | 14 | 18 |
| 7 | 9 | 10 | 12 | 15 | 19 |
| 8 | 10 | 10 | 13 | 16 | 20 |
| 9 | 10 | 11 | 14 | 17 | 21 |
| 10 | 10 | 12 | 15 | 19 | 22 |
| 11 | 10 | 13 | 16 | 20 | 24 |
| 12 | 10 | 14 | 17 | 21 | 25 |
| 13 | 11 | 15 | 18 | 22 | 26 |
| 14 | 11 | 16 | 20 | 23 | 27 |
| 15 | 12 | 17 | 21 | 24 | 28 |
| 16 | 13 | 18 | 22 | 25 | 29 |
| 17 | 14 | 19 | 23 | 27 | 30 |
| 18 | 14 | 20 | 24 | 28 | 32 |
| 19 | 15 | 21 | 25 | 29 | 33 |
| 20 | 16 | 21 | 26 | 30 | 34 |
| 21 | 17 | 22 | 27 | 31 | 35 |
| 22 | 17 | 23 | 28 | 32 | 37 |
| 23 | 18 | 24 | 29 | 33 | 38 |
| 24 | 19 | 25 | 30 | 34 | 39 |
| 25 | 20 | 26 | 31 | 36 | 40 |
| 26 | 20 | 27 | 32 | 37 | 41 |
| 27 | 21 | 28 | 33 | 38 | 42 |
| 28 | 22 | 29 | 34 | 39 | 44 |
| 29 | 23 | 30 | 36 | 40 | 45 |
| 30 | 23 | 31 | 37 | 41 | 46 |
| 31 | 24 | 32 | 38 | 42 | 47 |
| 32 | 25 | 34 | 40 | 45 | 49 |
| 33 | 25 | 34 | 40 | 45 | 50 |
| 34 | 26 | 35 | 41 | 46 | 51 |
| 35 | 27 | 36 | 42 | 47 | 52 |

| Rozhodný spád ‰ | Dovolená rýchlosť km/h | | | | |
|-----------------------|---------------------------|----|----|----|----|
| | 10 | 15 | 20 | 25 | 30 |
| | Brzdiace percentá | | | | |
| 36 | 28 | 37 | 43 | 48 | 53 |
| 37 | 28 | 38 | 44 | 49 | 54 |
| 38 | 29 | 39 | 45 | 50 | 55 |
| 39 | 30 | 40 | 46 | 51 | 56 |
| 40 | 31 | 41 | 47 | 52 | 58 |
| 41 | 31 | 42 | 48 | 54 | 59 |
| 42 | 32 | 43 | 49 | 55 | 60 |
| 43 | 33 | 43 | 50 | 56 | 61 |
| 44 | 34 | 44 | 52 | 57 | 62 |
| 45 | 34 | 45 | 53 | 58 | 63 |
| 46 | 35 | 46 | 54 | 59 | 65 |
| 47 | 36 | 47 | 55 | 60 | 66 |
| 48 | 37 | 48 | 56 | 62 | 67 |
| 49 | 37 | 49 | 57 | 63 | 68 |
| 50 | 38 | 50 | 58 | 64 | 69 |
| 51 | 39 | 51 | 59 | 65 | 71 |
| 52 | 39 | 52 | 60 | 66 | 72 |
| 53 | 40 | 53 | 61 | 67 | 73 |
| 54 | 41 | 54 | 62 | 69 | 74 |
| 55 | 42 | 55 | 63 | 70 | 75 |
| 56 | 42 | 56 | 64 | 71 | 76 |
| 57 | 43 | 57 | 65 | 72 | 78 |
| 58 | 44 | 58 | 66 | 73 | 79 |
| 59 | 45 | 59 | 68 | 74 | 80 |
| 60 | 45 | 60 | 69 | 75 | 81 |
| 61 | 46 | 61 | 70 | 76 | 82 |
| 62 | 47 | 62 | 71 | 77 | 83 |
| 63 | 48 | 63 | 72 | 79 | 85 |
| 64 | 48 | 64 | 73 | 80 | 86 |
| 65 | 49 | 65 | 74 | 81 | 87 |
| 66 | 50 | 66 | 75 | 82 | 88 |
| 67 | 51 | 66 | 76 | 83 | 89 |
| 68 | 51 | 67 | 77 | 84 | 90 |
| 69 | 52 | 68 | 78 | 85 | 92 |
| 70 | 53 | 69 | 79 | 86 | 93 |

Ustanovenia miestneho významu

A. Elektrická trakcia

B. Postrková služba

Na trati sú dovoľené dva zavesené postrky, ak nižšie nie je dovoľený len jeden zavesený postrk. Povoľením nezaveseného postrku je vždy dovoľený i zavesený postrk príslušnou tlačnou silou.

Výh Studený Potok zast. – Tatranská Lomnica 1 zavesený postrk.