

SBB Route Time Calculator

Date: 2025-06-17 (Tuesday)

Start time: 04:00

Total routes to process: 54 (27 paths × 2 directions)

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Processing Route\_1\_Split\_Olten\_Forward (forward)...

Route: St-Maurice → S. Vittore, Zona industriale (31 stations)

St-Maurice → Renens VD: 04:32-05:34 (62min)  
Renens VD → Genève: 05:35-06:21 (46min)  
Genève → Renens VD: 06:35-07:07 (32min)  
Renens VD → Neuchâtel: 07:11-07:51 (40min)  
Neuchâtel → Kerzers: 08:04-08:27 (23min)  
Kerzers → Lyss: 09:06-09:26 (20min)  
Lyss → Delémont: 09:30-10:18 (48min)  
Delémont → Laufen, Bahnhof: 10:23-10:35 (12min)  
Laufen, Bahnhof → Basel SBB: 10:45-11:21 (36min)  
Basel SBB → Liestal: 11:31-11:47 (16min)  
Liestal → Olten: 11:48-12:10 (22min)  
Olten → Aarau: 12:20-12:29 (9min)  
Aarau → Zürich HB: 12:31-12:56 (25min)  
Zürich HB → Schaffhausen: 13:05-13:43 (38min)  
Schaffhausen → Romanshorn: 13:49-15:12 (83min)  
Romanshorn → St. Gallen: 15:26-15:44 (18min)  
St. Gallen → Herisau: 15:44-15:54 (10min)  
Herisau → Jakobsbad: 15:58-16:18 (20min)  
Jakobsbad → Herisau: 16:38-17:00 (22min)  
Herisau → Uznach: 17:13-17:42 (29min)  
Uznach → Ziegelbrücke: 17:46-17:57 (11min)  
Ziegelbrücke → Pfäffikon SZ: 18:00-18:17 (17min)  
Pfäffikon SZ → Zug: 18:19-19:02 (43min)  
Zug → Luzern: 19:03-19:25 (22min)  
Luzern → Hergiswil NW: 19:27-19:39 (12min)  
Hergiswil NW → Alpnachstad: 19:54-19:58 (4min)  
Alpnachstad → Hergiswil NW: 19:59-20:03 (4min)  
Hergiswil NW → Altdorf UR: 20:18-21:51 (93min)  
Altdorf UR → Bellinzona: 22:08-22:42 (34min)  
Bellinzona → S. Vittore, Zona industriale: 22:50-23:07 (17min)  
Total time: 18 hours 35 minutes (04:32 → 23:07)

Results saved to sbb\_routes\_progress\_1.json

Processing Route\_1\_Split\_Olten\_Reverse (reverse)...

Route: S. Vittore, Zona industriale → St-Maurice (31 stations)

Bellinzona → Altdorf UR: 05:07-05:50 (43min)  
Altdorf UR → Hergiswil NW: 06:07-07:09 (62min)  
Hergiswil NW → Alpnachstad: 07:24-07:28 (4min)  
Alpnachstad → Hergiswil NW: 07:29-07:33 (4min)  
Hergiswil NW → Luzern: 07:33-07:46 (13min)  
Luzern → Zug: 07:51-08:21 (30min)  
Zug → Pfäffikon SZ: 08:34-09:19 (45min)  
Pfäffikon SZ → Ziegelbrücke: 09:21-09:41 (20min)  
Ziegelbrücke → Uznach: 10:02-10:14 (12min)  
Uznach → Herisau: 10:17-10:46 (29min)  
Herisau → Jakobsbad: 10:58-11:18 (20min)

Jakobsbad → Herisau: 11:38-12:00 (22min)  
Herisau → St. Gallen: 12:05-12:14 (9min)  
St. Gallen → Romanshorn: 12:15-12:33 (18min)  
Romanshorn → Schaffhausen: 12:33-13:45 (72min)  
Schaffhausen → Zürich HB: 13:47-14:23 (36min)  
Zürich HB → Aarau: 14:38-15:05 (27min)  
Aarau → Olten: 15:08-15:21 (13min)  
Olten → Liestal: 15:33-15:49 (16min)  
Liestal → Basel SBB: 15:50-16:01 (11min)  
Basel SBB → Laufen, Bahnhof: 16:02-16:41 (39min)  
Laufen, Bahnhof → Delémont: 17:06-17:19 (13min)  
Delémont → Lyss: 17:42-18:30 (48min)  
Lyss → Kerzers: 18:35-18:55 (20min)  
Kerzers → Neuchâtel: 19:11-19:28 (17min)  
Neuchâtel → Renens VD: 19:39-20:18 (39min)  
Renens VD → Genève: 20:23-20:55 (32min)  
Genève → Renens VD: 21:05-21:53 (48min)  
Renens VD → St-Maurice: 21:56-22:53 (57min)  
Total time: 18 hours 16 minutes (04:37 → 22:53)

Results saved to sbb\_routes\_progress\_1.json

Processing Route\_2\_Split\_Aarau\_Forward (forward)...

Route: St-Maurice → S. Vittore, Zona industriale (31 stations)  
St-Maurice → Renens VD: 04:32-05:34 (62min)  
Renens VD → Genève: 05:35-06:21 (46min)  
Genève → Renens VD: 06:35-07:07 (32min)  
Renens VD → Neuchâtel: 07:11-07:51 (40min)  
Neuchâtel → Kerzers: 08:04-08:27 (23min)  
Kerzers → Lyss: 09:06-09:26 (20min)  
Lyss → Delémont: 09:30-10:18 (48min)  
Delémont → Laufen, Bahnhof: 10:23-10:35 (12min)  
Laufen, Bahnhof → Basel SBB: 10:45-11:21 (36min)  
Basel SBB → Liestal: 11:31-11:47 (16min)  
Liestal → Olten: 11:48-12:10 (22min)  
Olten → Aarau: 12:20-12:29 (9min)  
Aarau → Zürich HB: 12:31-12:56 (25min)  
Zürich HB → Schaffhausen: 13:05-13:43 (38min)  
Schaffhausen → Romanshorn: 13:49-15:12 (83min)  
Romanshorn → St. Gallen: 15:26-15:44 (18min)  
St. Gallen → Herisau: 15:44-15:54 (10min)  
Herisau → Jakobsbad: 15:58-16:18 (20min)  
Jakobsbad → Herisau: 16:38-17:00 (22min)  
Herisau → Uznach: 17:13-17:42 (29min)  
Uznach → Ziegelbrücke: 17:46-17:57 (11min)  
Ziegelbrücke → Pfäffikon SZ: 18:00-18:17 (17min)  
Pfäffikon SZ → Zug: 18:19-19:02 (43min)  
Zug → Luzern: 19:03-19:25 (22min)  
Luzern → Hergiswil NW: 19:27-19:39 (12min)  
Hergiswil NW → Alpnachstad: 19:54-19:58 (4min)  
Alpnachstad → Hergiswil NW: 19:59-20:03 (4min)  
Hergiswil NW → Altdorf UR: 20:18-21:51 (93min)  
Altdorf UR → Bellinzona: 22:08-22:42 (34min)  
Bellinzona → S. Vittore, Zona industriale: 22:50-23:07 (17min)  
Total time: 18 hours 35 minutes (04:32 → 23:07)

Results saved to sbb\_routes\_progress\_2.json

Processing Route\_2\_Split\_Aarau\_Reverse (reverse)...

Route: S. Vittore, Zona industriale → St-Maurice (31 stations)

Bellinzona → Altdorf UR: 05:07-05:50 (43min)  
Altdorf UR → Hergiswil NW: 06:07-07:09 (62min)  
Hergiswil NW → Alpnachstad: 07:24-07:28 (4min)  
Alpnachstad → Hergiswil NW: 07:29-07:33 (4min)  
Hergiswil NW → Luzern: 07:33-07:46 (13min)  
Luzern → Zug: 07:51-08:21 (30min)  
Zug → Pfäffikon SZ: 08:34-09:19 (45min)  
Pfäffikon SZ → Ziegelbrücke: 09:21-09:41 (20min)  
Ziegelbrücke → Uznach: 10:02-10:14 (12min)  
Uznach → Herisau: 10:17-10:46 (29min)  
Herisau → Jakobsbad: 10:58-11:18 (20min)  
Jakobsbad → Herisau: 11:38-12:00 (22min)  
Herisau → St. Gallen: 12:05-12:14 (9min)  
St. Gallen → Romanshorn: 12:15-12:33 (18min)  
Romanshorn → Schaffhausen: 12:33-13:45 (72min)  
Schaffhausen → Zürich HB: 13:47-14:23 (36min)  
Zürich HB → Aarau: 14:38-15:05 (27min)  
Aarau → Olten: 15:08-15:21 (13min)  
Olten → Liestal: 15:33-15:49 (16min)  
Liestal → Basel SBB: 15:50-16:01 (11min)  
Basel SBB → Laufen, Bahnhof: 16:02-16:41 (39min)  
Laufen, Bahnhof → Delémont: 17:06-17:19 (13min)  
Delémont → Lyss: 17:42-18:30 (48min)  
Lyss → Kerzers: 18:35-18:55 (20min)  
Kerzers → Neuchâtel: 19:11-19:28 (17min)  
Neuchâtel → Renens VD: 19:39-20:18 (39min)  
Renens VD → Genève: 20:23-20:55 (32min)  
Genève → Renens VD: 21:05-21:53 (48min)  
Renens VD → St-Maurice: 21:56-22:53 (57min)  
Total time: 18 hours 16 minutes (04:37 → 22:53)

Results saved to sbb\_routes\_progress\_2.json

Processing Route\_3\_Split\_Zofingen\_Forward (forward)...

Route: St-Maurice → S. Vittore, Zona industriale (32 stations)

St-Maurice → Renens VD: 04:32-05:34 (62min)  
Renens VD → Genève: 05:35-06:21 (46min)  
Genève → Renens VD: 06:35-07:07 (32min)  
Renens VD → Neuchâtel: 07:11-07:51 (40min)  
Neuchâtel → Kerzers: 08:04-08:27 (23min)  
Kerzers → Lyss: 09:06-09:26 (20min)  
Lyss → Delémont: 09:30-10:18 (48min)  
Delémont → Laufen, Bahnhof: 10:23-10:35 (12min)  
Laufen, Bahnhof → Basel SBB: 10:45-11:21 (36min)  
Basel SBB → Liestal: 11:31-11:47 (16min)  
Liestal → Olten: 11:48-12:10 (22min)  
Olten → Zofingen: 12:12-12:21 (9min)  
Zofingen → Luzern: 12:29-13:01 (32min)  
Luzern → Hergiswil NW: 13:12-13:23 (11min)  
Hergiswil NW → Alpnachstad: 13:24-13:28 (4min)

Alpnachstad → Hergiswil NW: 13:29-13:33 (4min)  
Hergiswil NW → Luzern: 13:33-13:46 (13min)  
Luzern → Zug: 13:51-14:21 (30min)  
Zug → Zürich HB: 14:29-14:51 (22min)  
Zürich HB → Schaffhausen: 15:05-15:43 (38min)  
Schaffhausen → Romanshorn: 15:49-17:12 (83min)  
Romanshorn → St. Gallen: 17:26-17:44 (18min)  
St. Gallen → Herisau: 17:44-17:54 (10min)  
Herisau → Jakobsbad: 17:58-18:18 (20min)  
Jakobsbad → Herisau: 18:38-19:00 (22min)  
Herisau → Uznach: 19:13-19:42 (29min)  
Uznach → Ziegelbrücke: 19:46-19:57 (11min)  
Ziegelbrücke → Pfäffikon SZ: 20:00-20:17 (17min)  
Pfäffikon SZ → Altdorf UR: 20:19-21:51 (92min)  
Altdorf UR → Bellinzona: 22:08-22:42 (34min)  
Bellinzona → S. Vittore, Zona industriale: 22:50-23:07 (17min)  
Total time: 18 hours 35 minutes (04:32 → 23:07)

Results saved to sbb\_routes\_progress\_3.json

Processing Route\_3\_Split\_Zofingen\_Reverse (reverse)...

Route: S. Vittore, Zona industriale → St-Maurice (32 stations)

Bellinzona → Altdorf UR: 05:07-05:50 (43min)  
Altdorf UR → Pfäffikon SZ: 05:50-06:54 (64min)  
Pfäffikon SZ → Ziegelbrücke: 07:07-07:25 (18min)  
Ziegelbrücke → Uznach: 07:32-07:45 (13min)  
Uznach → Herisau: 07:48-08:23 (35min)  
Herisau → Jakobsbad: 08:28-08:48 (20min)  
Jakobsbad → Herisau: 09:08-09:30 (22min)  
Herisau → St. Gallen: 09:37-09:47 (10min)  
St. Gallen → Romanshorn: 09:49-10:16 (27min)  
Romanshorn → Schaffhausen: 10:18-11:43 (85min)  
Schaffhausen → Zürich HB: 11:47-12:23 (36min)  
Zürich HB → Zug: 12:33-12:59 (26min)  
Zug → Luzern: 13:03-13:25 (22min)  
Luzern → Hergiswil NW: 13:27-13:39 (12min)  
Hergiswil NW → Alpnachstad: 13:54-13:58 (4min)  
Alpnachstad → Hergiswil NW: 13:59-14:03 (4min)  
Hergiswil NW → Luzern: 14:03-14:16 (13min)  
Luzern → Zofingen: 14:30-15:01 (31min)  
Zofingen → Olten: 15:03-15:10 (7min)  
Olten → Liestal: 15:12-15:33 (21min)  
Liestal → Basel SBB: 15:34-15:45 (11min)  
Basel SBB → Laufen, Bahnhof: 15:47-16:26 (39min)  
Laufen, Bahnhof → Delémont: 17:06-17:19 (13min)  
Delémont → Lyss: 17:42-18:30 (48min)  
Lyss → Kerzers: 18:35-18:55 (20min)  
Kerzers → Neuchâtel: 19:11-19:28 (17min)  
Neuchâtel → Renens VD: 19:39-20:18 (39min)  
Renens VD → Genève: 20:23-20:55 (32min)  
Genève → Renens VD: 21:05-21:53 (48min)  
Renens VD → St-Maurice: 21:56-22:53 (57min)  
Total time: 18 hours 16 minutes (04:37 → 22:53)

Results saved to sbb\_routes\_progress\_3.json

Processing Route\_4\_Split\_Olten\_Forward (forward)...

Route: Genève → S. Vittore, Zona industriale (31 stations)

Genève → Lausanne: 04:46-05:38 (52min)  
Lausanne → St-Maurice: 05:41-06:23 (42min)  
St-Maurice → Renens VD: 06:28-07:22 (54min)  
Renens VD → Neuchâtel: 07:41-08:21 (40min)  
Neuchâtel → Kerzers: 08:32-08:49 (17min)  
Kerzers → Lyss: 09:06-09:26 (20min)  
Lyss → Delémont: 09:30-10:18 (48min)  
Delémont → Laufen, Bahnhof: 10:23-10:35 (12min)  
Laufen, Bahnhof → Basel SBB: 10:45-11:21 (36min)  
Basel SBB → Liestal: 11:31-11:47 (16min)  
Liestal → Olten: 11:48-12:10 (22min)  
Olten → Aarau: 12:20-12:29 (9min)  
Aarau → Zürich HB: 12:31-12:56 (25min)  
Zürich HB → Schaffhausen: 13:05-13:43 (38min)  
Schaffhausen → Romanshorn: 13:49-15:12 (83min)  
Romanshorn → St. Gallen: 15:26-15:44 (18min)  
St. Gallen → Herisau: 15:44-15:54 (10min)  
Herisau → Jakobsbad: 15:58-16:18 (20min)  
Jakobsbad → Herisau: 16:38-17:00 (22min)  
Herisau → Uznach: 17:13-17:42 (29min)  
Uznach → Ziegelbrücke: 17:46-17:57 (11min)  
Ziegelbrücke → Pfäffikon SZ: 18:00-18:17 (17min)  
Pfäffikon SZ → Zug: 18:19-19:02 (43min)  
Zug → Luzern: 19:03-19:25 (22min)  
Luzern → Hergiswil NW: 19:27-19:39 (12min)  
Hergiswil NW → Alpnachstad: 19:54-19:58 (4min)  
Alpnachstad → Hergiswil NW: 19:59-20:03 (4min)  
Hergiswil NW → Altdorf UR: 20:18-21:51 (93min)  
Altdorf UR → Bellinzona: 22:08-22:42 (34min)  
Bellinzona → S. Vittore, Zona industriale: 22:50-23:07 (17min)  
Total time: 18 hours 21 minutes (04:46 → 23:07)

Results saved to sbb\_routes\_progress\_4.json

Processing Route\_4\_Split\_Olten\_Reverse (reverse)...

Route: S. Vittore, Zona industriale → Genève (31 stations)

Bellinzona → Altdorf UR: 05:07-05:50 (43min)  
Altdorf UR → Hergiswil NW: 06:07-07:09 (62min)  
Hergiswil NW → Alpnachstad: 07:24-07:28 (4min)  
Alpnachstad → Hergiswil NW: 07:29-07:33 (4min)  
Hergiswil NW → Luzern: 07:33-07:46 (13min)  
Luzern → Zug: 07:51-08:21 (30min)  
Zug → Pfäffikon SZ: 08:34-09:19 (45min)  
Pfäffikon SZ → Ziegelbrücke: 09:21-09:41 (20min)  
Ziegelbrücke → Uznach: 10:02-10:14 (12min)  
Uznach → Herisau: 10:17-10:46 (29min)  
Herisau → Jakobsbad: 10:58-11:18 (20min)  
Jakobsbad → Herisau: 11:38-12:00 (22min)  
Herisau → St. Gallen: 12:05-12:14 (9min)  
St. Gallen → Romanshorn: 12:15-12:33 (18min)  
Romanshorn → Schaffhausen: 12:33-13:45 (72min)  
Schaffhausen → Zürich HB: 13:47-14:23 (36min)

Zürich HB → Aarau: 14:38-15:05 (27min)  
Aarau → Olten: 15:08-15:21 (13min)  
Olten → Liestal: 15:33-15:49 (16min)  
Liestal → Basel SBB: 15:50-16:01 (11min)  
Basel SBB → Laufen, Bahnhof: 16:02-16:41 (39min)  
Laufen, Bahnhof → Delémont: 17:06-17:19 (13min)  
Delémont → Lyss: 17:42-18:30 (48min)  
Lyss → Kerzers: 18:35-18:55 (20min)  
Kerzers → Neuchâtel: 19:11-19:28 (17min)  
Neuchâtel → Renens VD: 19:39-20:18 (39min)  
Renens VD → St-Maurice: 20:24-21:12 (48min)  
St-Maurice → Lausanne: 21:28-22:12 (44min)  
Lausanne → Genève: 22:30-23:25 (55min)  
Total time: 18 hours 48 minutes (04:37 → 23:25)

Results saved to sbb\_routes\_progress\_4.json

Processing Route\_5\_Split\_Aarau\_Forward (forward)...

Route: Genève → S. Vittore, Zona industriale (31 stations)

Genève → Lausanne: 04:46-05:38 (52min)  
Lausanne → St-Maurice: 05:41-06:23 (42min)  
St-Maurice → Renens VD: 06:28-07:22 (54min)  
Renens VD → Neuchâtel: 07:41-08:21 (40min)  
Neuchâtel → Kerzers: 08:32-08:49 (17min)  
Kerzers → Lyss: 09:06-09:26 (20min)  
Lyss → Delémont: 09:30-10:18 (48min)  
Delémont → Laufen, Bahnhof: 10:23-10:35 (12min)  
Laufen, Bahnhof → Basel SBB: 10:45-11:21 (36min)  
Basel SBB → Liestal: 11:31-11:47 (16min)  
Liestal → Olten: 11:48-12:10 (22min)  
Olten → Aarau: 12:20-12:29 (9min)  
Aarau → Zürich HB: 12:31-12:56 (25min)  
Zürich HB → Schaffhausen: 13:05-13:43 (38min)  
Schaffhausen → Romanshorn: 13:49-15:12 (83min)  
Romanshorn → St. Gallen: 15:26-15:44 (18min)  
St. Gallen → Herisau: 15:44-15:54 (10min)  
Herisau → Jakobsbad: 15:58-16:18 (20min)  
Jakobsbad → Herisau: 16:38-17:00 (22min)  
Herisau → Uznach: 17:13-17:42 (29min)  
Uznach → Ziegelbrücke: 17:46-17:57 (11min)  
Ziegelbrücke → Pfäffikon SZ: 18:00-18:17 (17min)  
Pfäffikon SZ → Zug: 18:19-19:02 (43min)  
Zug → Luzern: 19:03-19:25 (22min)  
Luzern → Hergiswil NW: 19:27-19:39 (12min)  
Hergiswil NW → Alpnachstad: 19:54-19:58 (4min)  
Alpnachstad → Hergiswil NW: 19:59-20:03 (4min)  
Hergiswil NW → Altdorf UR: 20:18-21:51 (93min)  
Altdorf UR → Bellinzona: 22:08-22:42 (34min)  
Bellinzona → S. Vittore, Zona industriale: 22:50-23:07 (17min)  
Total time: 18 hours 21 minutes (04:46 → 23:07)

Results saved to sbb\_routes\_progress\_5.json

Processing Route\_5\_Split\_Aarau\_Reverse (reverse)...

Route: S. Vittore, Zona industriale → Genève (31 stations)

Bellinzona → Altdorf UR: 05:07-05:50 (43min)  
 Altdorf UR → Hergiswil NW: 06:07-07:09 (62min)  
 Hergiswil NW → Alpnachstad: 07:24-07:28 (4min)  
 Alpnachstad → Hergiswil NW: 07:29-07:33 (4min)  
 Hergiswil NW → Luzern: 07:33-07:46 (13min)  
 Luzern → Zug: 07:51-08:21 (30min)  
 Zug → Pfäffikon SZ: 08:34-09:19 (45min)  
 Pfäffikon SZ → Ziegelbrücke: 09:21-09:41 (20min)  
 Ziegelbrücke → Uznach: 10:02-10:14 (12min)  
 Uznach → Herisau: 10:17-10:46 (29min)  
 Herisau → Jakobsbad: 10:58-11:18 (20min)  
 Jakobsbad → Herisau: 11:38-12:00 (22min)  
 Herisau → St. Gallen: 12:05-12:14 (9min)  
 St. Gallen → Romanshorn: 12:15-12:33 (18min)  
 Romanshorn → Schaffhausen: 12:33-13:45 (72min)  
 Schaffhausen → Zürich HB: 13:47-14:23 (36min)  
 Zürich HB → Aarau: 14:38-15:05 (27min)  
 Aarau → Olten: 15:08-15:21 (13min)  
 Olten → Liestal: 15:33-15:49 (16min)  
 Liestal → Basel SBB: 15:50-16:01 (11min)  
 Basel SBB → Laufen, Bahnhof: 16:02-16:41 (39min)  
 Laufen, Bahnhof → Delémont: 17:06-17:19 (13min)  
 Delémont → Lyss: 17:42-18:30 (48min)  
 Lyss → Kerzers: 18:35-18:55 (20min)  
 Kerzers → Neuchâtel: 19:11-19:28 (17min)  
 Neuchâtel → Renens VD: 19:39-20:18 (39min)  
 Renens VD → St-Maurice: 20:24-21:12 (48min)  
 St-Maurice → Lausanne: 21:28-22:12 (44min)  
 Lausanne → Genève: 22:30-23:25 (55min)  
 Total time: 18 hours 48 minutes (04:37 → 23:25)

Results saved to sbb\_routes\_progress\_5.json

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ROUTE SUMMARY TABLE							
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	Route	Split	Direction	Start			
End Stations	Original Time	Actual Time	Difference	Start Time	End Time		
Route_1_Split_Olten_Forward		Olten	forward	St-Maurice S.			
Vittore, Zona industriale	31	755	1115	360	04:32		
23:07							
Route_1_Split_Olten_Reverse		Olten	reverse	S. Vittore, Zona industriale			
St-Maurice	31	755	1096	341	04:37	22:53	
Route_2_Split_Aarau_Forward		Aarau	forward	St-Maurice S.			
Vittore, Zona industriale	31	755	1115	360	04:32		
23:07							
Route_2_Split_Aarau_Reverse		Aarau	reverse	S. Vittore, Zona industriale			
St-Maurice	31	755	1096	341	04:37	22:53	
Route_3_Split_Zofingen_Forward		Zofingen	forward	St-Maurice S.			
Vittore, Zona industriale	32	762	1115	353	04:32		
23:07							
Route_3_Split_Zofingen_Reverse		Zofingen	reverse	S. Vittore, Zona industriale			
St-Maurice	32	762	1096	334	04:37	22:53	

Route_4_Split_Olten_Forward	Olten	forward		Genève S.
Vittore, Zona industriale	31	771	1101	330 04:46
23:07				
Route_4_Split_Olten_Reverse	Olten	reverse	S. Vittore, Zona industriale	
Genève	31	771	1128 357	04:37 23:25
Route_5_Split_Aarau_Forward	Aarau	forward		Genève S.
Vittore, Zona industriale	31	771	1101	330 04:46
23:07				
Route_5_Split_Aarau_Reverse	Aarau	reverse	S. Vittore, Zona industriale	
Genève	31	771	1128 357	04:37 23:25
=====				
=====				

Total routes processed: 10  
 Successful: 10  
 Failed: 0  
 Average time difference: 346.3 minutes  
 Shortest actual route: 1096 minutes  
 Longest actual route: 1128 minutes

Processing Route\_6\_Split\_Olten\_Forward (forward)...

Route: St-Maurice → Castione-Arbedo (31 stations)  
 St-Maurice → Renens VD: 04:32-05:34 (62min)  
 Renens VD → Genève: 05:35-06:21 (46min)  
 Genève → Renens VD: 06:35-07:07 (32min)  
 Renens VD → Neuchâtel: 07:11-07:51 (40min)  
 Neuchâtel → Kerzers: 08:04-08:27 (23min)  
 Kerzers → Lyss: 09:06-09:26 (20min)  
 Lyss → Delémont: 09:30-10:18 (48min)  
 Delémont → Laufen, Bahnhof: 10:23-10:35 (12min)  
 Laufen, Bahnhof → Basel SBB: 10:45-11:21 (36min)  
 Basel SBB → Liestal: 11:31-11:47 (16min)  
 Liestal → Olten: 11:48-12:10 (22min)  
 Olten → Aarau: 12:20-12:29 (9min)  
 Aarau → Zürich HB: 12:31-12:56 (25min)  
 Zürich HB → Schaffhausen: 13:05-13:43 (38min)  
 Schaffhausen → Romanshorn: 13:49-15:12 (83min)  
 Romanshorn → St. Gallen: 15:26-15:44 (18min)  
 St. Gallen → Herisau: 15:44-15:54 (10min)  
 Herisau → Jakobsbad: 15:58-16:18 (20min)  
 Jakobsbad → Herisau: 16:38-17:00 (22min)  
 Herisau → Uznach: 17:13-17:42 (29min)  
 Uznach → Ziegelbrücke: 17:46-17:57 (11min)  
 Ziegelbrücke → Pfäffikon SZ: 18:00-18:17 (17min)  
 Pfäffikon SZ → Zug: 18:19-19:02 (43min)  
 Zug → Luzern: 19:03-19:25 (22min)  
 Luzern → Hergiswil NW: 19:27-19:39 (12min)  
 Hergiswil NW → Alpnachstad: 19:54-19:58 (4min)  
 Alpnachstad → Hergiswil NW: 19:59-20:03 (4min)  
 Hergiswil NW → Altdorf UR: 20:18-21:51 (93min)  
 Altdorf UR → S. Vittore, Zona industriale: 22:08-23:07 (59min)  
 S. Vittore, Zona industriale → Castione-Arbedo: 23:47-00:00 (13min)  
 Total time: 19 hours 28 minutes (04:32 → 00:00)

Results saved to sbb\_routes\_progress\_6.json



Processing Route\_6\_Split\_Olten\_Reverse (reverse)...

Route: Castione-Arbedo → St-Maurice (31 stations)

Castione-Arbedo → S. Vittore, Zona industriale: 05:58-06:07 (9min)

S. Vittore, Zona industriale → Altdorf UR: 06:47-07:50 (63min)

Altdorf UR → Hergiswil NW: 08:07-09:09 (62min)

Hergiswil NW → Alpnachstad: 09:24-09:28 (4min)

Alpnachstad → Hergiswil NW: 09:29-09:33 (4min)

Hergiswil NW → Luzern: 09:33-09:46 (13min)

Luzern → Zug: 09:51-10:21 (30min)

Zug → Pfäffikon SZ: 10:34-11:19 (45min)

Pfäffikon SZ → Ziegelbrücke: 11:21-11:41 (20min)

Ziegelbrücke → Uznach: 12:02-12:14 (12min)

Uznach → Herisau: 12:17-12:46 (29min)

Herisau → Jakobsbad: 12:58-13:18 (20min)

Jakobsbad → Herisau: 13:38-14:00 (22min)

Herisau → St. Gallen: 14:05-14:14 (9min)

St. Gallen → Romanshorn: 14:15-14:33 (18min)

Romanshorn → Schaffhausen: 14:33-15:45 (72min)

Schaffhausen → Zürich HB: 15:47-16:23 (36min)

Zürich HB → Aarau: 16:38-17:05 (27min)

Aarau → Olten: 17:08-17:21 (13min)

Olten → Liestal: 17:33-17:49 (16min)

Liestal → Basel SBB: 17:50-18:01 (11min)

Basel SBB → Laufen, Bahnhof: 18:02-18:41 (39min)

Laufen, Bahnhof → Delémont: 19:06-19:19 (13min)

Delémont → Lyss: 19:42-20:30 (48min)

Lyss → Kerzers: 20:35-20:55 (20min)

Kerzers → Neuchâtel: 21:11-21:28 (17min)

Neuchâtel → Renens VD: 21:39-22:18 (39min)

Renens VD → Genève: 22:35-23:25 (50min)

Genève → Renens VD: 23:38-00:23 (45min)

Renens VD → St-Maurice: 00:26-01:29 (63min)

Total time: 19 hours 31 minutes (05:58 → 01:29)

Results saved to sbb\_routes\_progress\_6.json

Processing Route\_7\_Split\_Aarau\_Forward (forward)...

Route: St-Maurice → Castione-Arbedo (31 stations)

St-Maurice → Renens VD: 04:32-05:34 (62min)

Renens VD → Genève: 05:35-06:21 (46min)

Genève → Renens VD: 06:35-07:07 (32min)

Renens VD → Neuchâtel: 07:11-07:51 (40min)

Neuchâtel → Kerzers: 08:04-08:27 (23min)

Kerzers → Lyss: 09:06-09:26 (20min)

Lyss → Delémont: 09:30-10:18 (48min)

Delémont → Laufen, Bahnhof: 10:23-10:35 (12min)

Laufen, Bahnhof → Basel SBB: 10:45-11:21 (36min)

Basel SBB → Liestal: 11:31-11:47 (16min)

Liestal → Olten: 11:48-12:10 (22min)

Olten → Aarau: 12:20-12:29 (9min)

Aarau → Zürich HB: 12:31-12:56 (25min)

Zürich HB → Schaffhausen: 13:05-13:43 (38min)

Schaffhausen → Romanshorn: 13:49-15:12 (83min)

Romanshorn → St. Gallen: 15:26-15:44 (18min)

St. Gallen → Herisau: 15:44-15:54 (10min)  
Herisau → Jakobsbad: 15:58-16:18 (20min)  
Jakobsbad → Herisau: 16:38-17:00 (22min)  
Herisau → Uznach: 17:13-17:42 (29min)  
Uznach → Ziegelbrücke: 17:46-17:57 (11min)  
Ziegelbrücke → Pfäffikon SZ: 18:00-18:17 (17min)  
Pfäffikon SZ → Zug: 18:19-19:02 (43min)  
Zug → Luzern: 19:03-19:25 (22min)  
Luzern → Hergiswil NW: 19:27-19:39 (12min)  
Hergiswil NW → Alpnachstad: 19:54-19:58 (4min)  
Alpnachstad → Hergiswil NW: 19:59-20:03 (4min)  
Hergiswil NW → Altdorf UR: 20:18-21:51 (93min)  
Altdorf UR → S. Vittore, Zona industriale: 22:08-23:07 (59min)  
S. Vittore, Zona industriale → Castione-Arbedo: 23:47-00:00 (13min)  
Total time: 19 hours 28 minutes (04:32 → 00:00)

Results saved to sbb\_routes\_progress\_7.json

Processing Route\_7\_Split\_Aarau\_Reverse (reverse)...

Route: Castione-Arbedo → St-Maurice (31 stations)

Castione-Arbedo → S. Vittore, Zona industriale: 05:58-06:07 (9min)  
S. Vittore, Zona industriale → Altdorf UR: 06:47-07:50 (63min)  
Altdorf UR → Hergiswil NW: 08:07-09:09 (62min)  
Hergiswil NW → Alpnachstad: 09:24-09:28 (4min)  
Alpnachstad → Hergiswil NW: 09:29-09:33 (4min)  
Hergiswil NW → Luzern: 09:33-09:46 (13min)  
Luzern → Zug: 09:51-10:21 (30min)  
Zug → Pfäffikon SZ: 10:34-11:19 (45min)  
Pfäffikon SZ → Ziegelbrücke: 11:21-11:41 (20min)  
Ziegelbrücke → Uznach: 12:02-12:14 (12min)  
Uznach → Herisau: 12:17-12:46 (29min)  
Herisau → Jakobsbad: 12:58-13:18 (20min)  
Jakobsbad → Herisau: 13:38-14:00 (22min)  
Herisau → St. Gallen: 14:05-14:14 (9min)  
St. Gallen → Romanshorn: 14:15-14:33 (18min)  
Romanshorn → Schaffhausen: 14:33-15:45 (72min)  
Schaffhausen → Zürich HB: 15:47-16:23 (36min)  
Zürich HB → Aarau: 16:38-17:05 (27min)  
Aarau → Olten: 17:08-17:21 (13min)  
Olten → Liestal: 17:33-17:49 (16min)  
Liestal → Basel SBB: 17:50-18:01 (11min)  
Basel SBB → Laufen, Bahnhof: 18:02-18:41 (39min)  
Laufen, Bahnhof → Delémont: 19:06-19:19 (13min)  
Delémont → Lyss: 19:42-20:30 (48min)  
Lyss → Kerzers: 20:35-20:55 (20min)  
Kerzers → Neuchâtel: 21:11-21:28 (17min)  
Neuchâtel → Renens VD: 21:39-22:18 (39min)  
Renens VD → Genève: 22:35-23:25 (50min)  
Genève → Renens VD: 23:38-00:23 (45min)  
Renens VD → St-Maurice: 00:26-01:29 (63min)  
Total time: 19 hours 31 minutes (05:58 → 01:29)

Results saved to sbb\_routes\_progress\_7.json

Processing Route\_8\_Split\_Olten\_Forward (forward)...

Route: St-Maurice → Stein am Rhein (34 stations)  
St-Maurice → Renens VD: 04:32-05:34 (62min)  
Renens VD → Genève: 05:35-06:21 (46min)  
Genève → Renens VD: 06:35-07:07 (32min)  
Renens VD → Neuchâtel: 07:11-07:51 (40min)  
Neuchâtel → Kerzers: 08:04-08:27 (23min)  
Kerzers → Lyss: 09:06-09:26 (20min)  
Lyss → Delémont: 09:30-10:18 (48min)  
Delémont → Laufen, Bahnhof: 10:23-10:35 (12min)  
Laufen, Bahnhof → Basel SBB: 10:45-11:21 (36min)  
Basel SBB → Liestal: 11:31-11:47 (16min)  
Liestal → Olten: 11:48-12:10 (22min)  
Olten → Zofingen: 12:12-12:21 (9min)  
Zofingen → Luzern: 12:29-13:01 (32min)  
Luzern → Hergiswil NW: 13:12-13:23 (11min)  
Hergiswil NW → Alpnachstad: 13:24-13:28 (4min)  
Alpnachstad → Hergiswil NW: 13:29-13:33 (4min)  
Hergiswil NW → Altdorf UR: 13:48-15:17 (89min)  
Altdorf UR → Bellinzona: 16:08-16:42 (34min)  
Bellinzona → S. Vittore, Zona industriale: 16:45-17:07 (22min)  
S. Vittore, Zona industriale → Bellinzona: 17:17-17:43 (26min)  
Bellinzona → Altdorf UR: 17:47-19:17 (90min)  
Altdorf UR → Arth-Goldau: 19:39-20:07 (28min)  
Arth-Goldau → Zug: 20:15-20:30 (15min)  
Zug → Zürich HB: 20:31-20:55 (24min)  
Zürich HB → Pfäffikon SZ: 21:12-21:39 (27min)  
Pfäffikon SZ → Ziegelbrücke: 21:39-21:58 (19min)  
Ziegelbrücke → Uznach: 22:02-22:14 (12min)  
Uznach → Herisau: 22:17-22:46 (29min)  
Herisau → Jakobsbad: 22:58-23:18 (20min)  
Jakobsbad → Herisau: 05:08-05:30 (22min)  
Herisau → St. Gallen: 05:37-05:47 (10min)  
St. Gallen → Romanshorn: 05:49-06:16 (27min)  
Romanshorn → Stein am Rhein: 06:18-07:13 (55min)  
Total time: 2 hours 41 minutes (04:32 → 07:13)

Results saved to sbb\_routes\_progress\_8.json

Processing Route\_8\_Split\_Olten\_Reverse (reverse)...

Route: Stein am Rhein → St-Maurice (34 stations)  
Stein am Rhein → Romanshorn: 05:13-06:12 (59min)  
Romanshorn → St. Gallen: 06:26-06:44 (18min)  
St. Gallen → Herisau: 06:44-06:54 (10min)  
Herisau → Jakobsbad: 06:58-07:18 (20min)  
Jakobsbad → Herisau: 07:38-08:00 (22min)  
Herisau → Uznach: 08:13-08:42 (29min)  
Uznach → Ziegelbrücke: 08:46-08:57 (11min)  
Ziegelbrücke → Pfäffikon SZ: 09:00-09:17 (17min)  
Pfäffikon SZ → Zürich HB: 09:19-09:48 (29min)  
Zürich HB → Zug: 10:05-10:29 (24min)  
Zug → Arth-Goldau: 10:30-10:45 (15min)  
Arth-Goldau → Altdorf UR: 10:54-11:17 (23min)  
Altdorf UR → Bellinzona: 12:08-12:42 (34min)  
Bellinzona → S. Vittore, Zona industriale: 12:50-13:07 (17min)  
S. Vittore, Zona industriale → Bellinzona: 13:17-13:39 (22min)

Bellinzona → Altdorf UR: 13:47-15:17 (90min)  
Altdorf UR → Hergiswil NW: 15:40-16:39 (59min)  
Hergiswil NW → Alpnachstad: 16:54-16:58 (4min)  
Alpnachstad → Hergiswil NW: 16:59-17:03 (4min)  
Hergiswil NW → Luzern: 17:03-17:16 (13min)  
Luzern → Zofingen: 17:30-18:01 (31min)  
Zofingen → Olten: 18:03-18:10 (7min)  
Olten → Liestal: 18:12-18:33 (21min)  
Liestal → Basel SBB: 18:34-18:45 (11min)  
Basel SBB → Laufen, Bahnhof: 18:47-19:26 (39min)  
Laufen, Bahnhof → Delémont: 20:06-20:19 (13min)  
Delémont → Lyss: 20:42-21:30 (48min)  
Lyss → Kerzers: 21:35-21:55 (20min)  
Kerzers → Neuchâtel: 22:11-22:28 (17min)  
Neuchâtel → Renens VD: 22:39-23:18 (39min)  
Renens VD → Genève: 23:25-00:05 (40min)  
Genève → Renens VD: 03:53-04:53 (60min)  
Renens VD → St-Maurice: 04:54-05:53 (59min)  
Total time: 0 hours 40 minutes (05:13 → 05:53)

Results saved to sbb\_routes\_progress\_8.json

Processing Route\_9\_Split\_Zofingen\_Forward (forward)...

Route: St-Maurice → Stein am Rhein (34 stations)

St-Maurice → Renens VD: 04:32-05:34 (62min)  
Renens VD → Genève: 05:35-06:21 (46min)  
Genève → Renens VD: 06:35-07:07 (32min)  
Renens VD → Neuchâtel: 07:11-07:51 (40min)  
Neuchâtel → Kerzers: 08:04-08:27 (23min)  
Kerzers → Lyss: 09:06-09:26 (20min)  
Lyss → Delémont: 09:30-10:18 (48min)  
Delémont → Laufen, Bahnhof: 10:23-10:35 (12min)  
Laufen, Bahnhof → Basel SBB: 10:45-11:21 (36min)  
Basel SBB → Liestal: 11:31-11:47 (16min)  
Liestal → Olten: 11:48-12:10 (22min)  
Olten → Zofingen: 12:12-12:21 (9min)  
Zofingen → Luzern: 12:29-13:01 (32min)  
Luzern → Hergiswil NW: 13:12-13:23 (11min)  
Hergiswil NW → Alpnachstad: 13:24-13:28 (4min)  
Alpnachstad → Hergiswil NW: 13:29-13:33 (4min)  
Hergiswil NW → Altdorf UR: 13:48-15:17 (89min)  
Altdorf UR → Bellinzona: 16:08-16:42 (34min)  
Bellinzona → S. Vittore, Zona industriale: 16:45-17:07 (22min)  
S. Vittore, Zona industriale → Bellinzona: 17:17-17:43 (26min)  
Bellinzona → Altdorf UR: 17:47-19:17 (90min)  
Altdorf UR → Arth-Goldau: 19:39-20:07 (28min)  
Arth-Goldau → Zug: 20:15-20:30 (15min)  
Zug → Zürich HB: 20:31-20:55 (24min)  
Zürich HB → Pfäffikon SZ: 21:12-21:39 (27min)  
Pfäffikon SZ → Ziegelbrücke: 21:39-21:58 (19min)  
Ziegelbrücke → Uznach: 22:02-22:14 (12min)  
Uznach → Herisau: 22:17-22:46 (29min)  
Herisau → Jakobsbad: 22:58-23:18 (20min)  
Jakobsbad → Herisau: 05:08-05:30 (22min)  
Herisau → St. Gallen: 05:37-05:47 (10min)

St. Gallen → Romanshorn: 05:49-06:16 (27min)  
Romanshorn → Stein am Rhein: 06:18-07:13 (55min)  
Total time: 2 hours 41 minutes (04:32 → 07:13)

Results saved to sbb\_routes\_progress\_9.json

Processing Route\_9\_Split\_Zofingen\_Reverse (reverse)...

Route: Stein am Rhein → St-Maurice (34 stations)

Stein am Rhein → Romanshorn: 05:13-06:12 (59min)  
Romanshorn → St. Gallen: 06:26-06:44 (18min)  
St. Gallen → Herisau: 06:44-06:54 (10min)  
Herisau → Jakobsbad: 06:58-07:18 (20min)  
Jakobsbad → Herisau: 07:38-08:00 (22min)  
Herisau → Uznach: 08:13-08:42 (29min)  
Uznach → Ziegelbrücke: 08:46-08:57 (11min)  
Ziegelbrücke → Pfäffikon SZ: 09:00-09:17 (17min)  
Pfäffikon SZ → Zürich HB: 09:19-09:48 (29min)  
Zürich HB → Zug: 10:05-10:29 (24min)  
Zug → Arth-Goldau: 10:30-10:45 (15min)  
Arth-Goldau → Altdorf UR: 10:54-11:17 (23min)  
Altdorf UR → Bellinzona: 12:08-12:42 (34min)  
Bellinzona → S. Vittore, Zona industriale: 12:50-13:07 (17min)  
S. Vittore, Zona industriale → Bellinzona: 13:17-13:39 (22min)  
Bellinzona → Altdorf UR: 13:47-15:17 (90min)  
Altdorf UR → Hergiswil NW: 15:40-16:39 (59min)  
Hergiswil NW → Alpnachstad: 16:54-16:58 (4min)  
Alpnachstad → Hergiswil NW: 16:59-17:03 (4min)  
Hergiswil NW → Luzern: 17:03-17:16 (13min)  
Luzern → Zofingen: 17:30-18:01 (31min)  
Zofingen → Olten: 18:03-18:10 (7min)  
Olten → Liestal: 18:12-18:33 (21min)  
Liestal → Basel SBB: 18:34-18:45 (11min)  
Basel SBB → Laufen, Bahnhof: 18:47-19:26 (39min)  
Laufen, Bahnhof → Delémont: 20:06-20:19 (13min)  
Delémont → Lyss: 20:42-21:30 (48min)  
Lyss → Kerzers: 21:35-21:55 (20min)  
Kerzers → Neuchâtel: 22:11-22:28 (17min)  
Neuchâtel → Renens VD: 22:39-23:18 (39min)  
Renens VD → Genève: 23:25-00:05 (40min)  
Genève → Renens VD: 03:53-04:53 (60min)  
Renens VD → St-Maurice: 04:54-05:53 (59min)  
Total time: 0 hours 40 minutes (05:13 → 05:53)

Results saved to sbb\_routes\_progress\_9.json

Processing Route\_10\_Split\_Zofingen\_Forward (forward)...

Route: Genève → S. Vittore, Zona industriale (32 stations)

Genève → Lausanne: 04:46-05:38 (52min)  
Lausanne → St-Maurice: 05:41-06:23 (42min)  
St-Maurice → Renens VD: 06:28-07:22 (54min)  
Renens VD → Neuchâtel: 07:41-08:21 (40min)  
Neuchâtel → Kerzers: 08:32-08:49 (17min)  
Kerzers → Lyss: 09:06-09:26 (20min)  
Lyss → Delémont: 09:30-10:18 (48min)  
Delémont → Laufen, Bahnhof: 10:23-10:35 (12min)

Laufen, Bahnhof → Basel SBB: 10:45-11:21 (36min)  
Basel SBB → Liestal: 11:31-11:47 (16min)  
Liestal → Olten: 11:48-12:10 (22min)  
Olten → Zofingen: 12:12-12:21 (9min)  
Zofingen → Luzern: 12:29-13:01 (32min)  
Luzern → Hergiswil NW: 13:12-13:23 (11min)  
Hergiswil NW → Alpnachstad: 13:24-13:28 (4min)  
Alpnachstad → Hergiswil NW: 13:29-13:33 (4min)  
Hergiswil NW → Luzern: 13:33-13:46 (13min)  
Luzern → Zug: 13:51-14:21 (30min)  
Zug → Zürich HB: 14:29-14:51 (22min)  
Zürich HB → Schaffhausen: 15:05-15:43 (38min)  
Schaffhausen → Romanshorn: 15:49-17:12 (83min)  
Romanshorn → St. Gallen: 17:26-17:44 (18min)  
St. Gallen → Herisau: 17:44-17:54 (10min)  
Herisau → Jakobsbad: 17:58-18:18 (20min)  
Jakobsbad → Herisau: 18:38-19:00 (22min)  
Herisau → Uznach: 19:13-19:42 (29min)  
Uznach → Ziegelbrücke: 19:46-19:57 (11min)  
Ziegelbrücke → Pfäffikon SZ: 20:00-20:17 (17min)  
Pfäffikon SZ → Altdorf UR: 20:19-21:51 (92min)  
Altdorf UR → Bellinzona: 22:08-22:42 (34min)  
Bellinzona → S. Vittore, Zona industriale: 22:50-23:07 (17min)  
Total time: 18 hours 21 minutes (04:46 → 23:07)

Results saved to sbb\_routes\_progress\_10.json

Processing Route\_10\_Split\_Zofingen\_Reverse (reverse)...

Route: S. Vittore, Zona industriale → Genève (32 stations)

Bellinzona → Altdorf UR: 05:07-05:50 (43min)  
Altdorf UR → Pfäffikon SZ: 05:50-06:54 (64min)  
Pfäffikon SZ → Ziegelbrücke: 07:07-07:25 (18min)  
Ziegelbrücke → Uznach: 07:32-07:45 (13min)  
Uznach → Herisau: 07:48-08:23 (35min)  
Herisau → Jakobsbad: 08:28-08:48 (20min)  
Jakobsbad → Herisau: 09:08-09:30 (22min)  
Herisau → St. Gallen: 09:37-09:47 (10min)  
St. Gallen → Romanshorn: 09:49-10:16 (27min)  
Romanshorn → Schaffhausen: 10:18-11:43 (85min)  
Schaffhausen → Zürich HB: 11:47-12:23 (36min)  
Zürich HB → Zug: 12:33-12:59 (26min)  
Zug → Luzern: 13:03-13:25 (22min)  
Luzern → Hergiswil NW: 13:27-13:39 (12min)  
Hergiswil NW → Alpnachstad: 13:54-13:58 (4min)  
Alpnachstad → Hergiswil NW: 13:59-14:03 (4min)  
Hergiswil NW → Luzern: 14:03-14:16 (13min)  
Luzern → Zofingen: 14:30-15:01 (31min)  
Zofingen → Olten: 15:03-15:10 (7min)  
Olten → Liestal: 15:12-15:33 (21min)  
Liestal → Basel SBB: 15:34-15:45 (11min)  
Basel SBB → Laufen, Bahnhof: 15:47-16:26 (39min)  
Laufen, Bahnhof → Delémont: 17:06-17:19 (13min)  
Delémont → Lyss: 17:42-18:30 (48min)  
Lyss → Kerzers: 18:35-18:55 (20min)  
Kerzers → Neuchâtel: 19:11-19:28 (17min)

Neuchâtel → Renens VD: 19:39-20:18 (39min)  
Renens VD → St-Maurice: 20:24-21:12 (48min)  
St-Maurice → Lausanne: 21:28-22:12 (44min)  
Lausanne → Genève: 22:30-23:25 (55min)  
Total time: 18 hours 48 minutes (04:37 → 23:25)

Results saved to sbb\_routes\_progress\_10.json

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ROUTE SUMMARY TABLE

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End Stations	Route	Original Time	Actual Time	Split Direction	Difference	Start Time	End Time
Vittore, Zona industriale	Route_1_Split_Olten_Forward	31	755	Olten forward	755	1115	04:32
23:07							
St-Maurice	Route_1_Split_Olten_Reverse	31	755	Olten reverse	1096	341	22:53
Vittore, Zona industriale	Route_2_Split_Aarau_Forward	31	755	Aarau forward	755	1115	04:32
23:07							
St-Maurice	Route_2_Split_Aarau_Reverse	31	755	Aarau reverse	1096	341	22:53
Vittore, Zona industriale	Route_3_Split_Zofingen_Forward	32	762	Zofingen forward	762	1115	04:32
23:07							
St-Maurice	Route_3_Split_Zofingen_Reverse	32	762	Zofingen reverse	1096	334	22:53
Vittore, Zona industriale	Route_4_Split_Olten_Forward	31	771	Olten forward	771	1101	04:46
23:07							
Genève	Route_4_Split_Olten_Reverse	31	771	Olten reverse	1128	357	23:25
Vittore, Zona industriale	Route_5_Split_Aarau_Forward	31	771	Aarau forward	771	1101	04:46
23:07							
Genève	Route_5_Split_Aarau_Reverse	31	771	Aarau reverse	1128	357	23:25
Castione-Arbedo	Route_6_Split_Olten_Forward	31	772	Olten forward	1168	396	00:00
St-Maurice	Route_6_Split_Olten_Reverse	31	772	Olten reverse	1171	399	01:29
Castione-Arbedo	Route_7_Split_Aarau_Forward	31	772	Aarau forward	1168	396	00:00
St-Maurice	Route_7_Split_Aarau_Reverse	31	772	Aarau reverse	1171	399	01:29
Stein am Rhein	Route_8_Split_Olten_Forward	34	777	Olten forward	161	-616	07:13
St-Maurice	Route_8_Split_Olten_Reverse	34	777	Olten reverse	40	-737	05:53
Stein am Rhein	Route_9_Split_Zofingen_Forward	34	777	Zofingen forward	161	-616	07:13

Route_9_Split_Zofingen_Reverse	Zofingen	reverse		Stein am Rhein
St-Maurice	34	777	40	-737 05:13 05:53
Route_10_Split_Zofingen_Forward	Zofingen	forward		Genève S.
Vittore, Zona industriale	32	778	1101	323 04:46
23:07				
Route_10_Split_Zofingen_Reverse	Zofingen	reverse	S. Vittore, Zona industriale	
Genève	32	778	1128	350 04:37 23:25

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Total routes processed: 20  
 Successful: 20  
 Failed: 0  
 Average time difference: 151.0 minutes  
 Shortest actual route: 40 minutes  
 Longest actual route: 1171 minutes

Processing Route\_11\_Split\_Zofingen\_Forward (forward)...

Route: St-Maurice → Castione-Arbedo (32 stations)

St-Maurice → Renens VD: 04:32-05:34 (62min)  
 Renens VD → Genève: 05:35-06:21 (46min)  
 Genève → Renens VD: 06:35-07:07 (32min)  
 Renens VD → Neuchâtel: 07:11-07:51 (40min)  
 Neuchâtel → Kerzers: 08:04-08:27 (23min)  
 Kerzers → Lyss: 09:06-09:26 (20min)  
 Lyss → Delémont: 09:30-10:18 (48min)  
 Delémont → Laufen, Bahnhof: 10:23-10:35 (12min)  
 Laufen, Bahnhof → Basel SBB: 10:45-11:21 (36min)  
 Basel SBB → Liestal: 11:31-11:47 (16min)  
 Liestal → Olten: 11:48-12:10 (22min)  
 Olten → Zofingen: 12:12-12:21 (9min)  
 Zofingen → Luzern: 12:29-13:01 (32min)  
 Luzern → Hergiswil NW: 13:12-13:23 (11min)  
 Hergiswil NW → Alpnachstad: 13:24-13:28 (4min)  
 Alpnachstad → Hergiswil NW: 13:29-13:33 (4min)  
 Hergiswil NW → Luzern: 13:33-13:46 (13min)  
 Luzern → Zug: 13:51-14:21 (30min)  
 Zug → Zürich HB: 14:29-14:51 (22min)  
 Zürich HB → Schaffhausen: 15:05-15:43 (38min)  
 Schaffhausen → Romanshorn: 15:49-17:12 (83min)  
 Romanshorn → St. Gallen: 17:26-17:44 (18min)  
 St. Gallen → Herisau: 17:44-17:54 (10min)  
 Herisau → Jakobsbad: 17:58-18:18 (20min)  
 Jakobsbad → Herisau: 18:38-19:00 (22min)  
 Herisau → Uznach: 19:13-19:42 (29min)  
 Uznach → Ziegelbrücke: 19:46-19:57 (11min)  
 Ziegelbrücke → Pfäffikon SZ: 20:00-20:17 (17min)  
 Pfäffikon SZ → Altdorf UR: 20:19-21:51 (92min)  
 Altdorf UR → S. Vittore, Zona industriale: 22:08-23:07 (59min)  
 S. Vittore, Zona industriale → Castione-Arbedo: 23:47-00:00 (13min)  
 Total time: 19 hours 28 minutes (04:32 → 00:00)

Results saved to sbb\_routes\_progress\_11.json

Processing Route\_11\_Split\_Zofingen\_Reverse (reverse)...



Route: Castione-Arbedo → St-Maurice (32 stations)  
Castione-Arbedo → S. Vittore, Zona industriale: 05:58-06:07 (9min)  
S. Vittore, Zona industriale → Altdorf UR: 06:47-07:50 (63min)  
Altdorf UR → Pfäffikon SZ: 07:50-08:54 (64min)  
Pfäffikon SZ → Ziegelbrücke: 09:07-09:25 (18min)  
Ziegelbrücke → Uznach: 09:32-09:45 (13min)  
Uznach → Herisau: 09:48-10:23 (35min)  
Herisau → Jakobsbad: 10:28-10:48 (20min)  
Jakobsbad → Herisau: 11:08-11:30 (22min)  
Herisau → St. Gallen: 11:37-11:47 (10min)  
St. Gallen → Romanshorn: 11:49-12:16 (27min)  
Romanshorn → Schaffhausen: 12:18-13:43 (85min)  
Schaffhausen → Zürich HB: 13:47-14:23 (36min)  
Zürich HB → Zug: 14:33-14:59 (26min)  
Zug → Luzern: 15:03-15:25 (22min)  
Luzern → Hergiswil NW: 15:27-15:39 (12min)  
Hergiswil NW → Alpnachstad: 15:54-15:58 (4min)  
Alpnachstad → Hergiswil NW: 15:59-16:03 (4min)  
Hergiswil NW → Luzern: 16:03-16:16 (13min)  
Luzern → Zofingen: 16:30-17:01 (31min)  
Zofingen → Olten: 17:03-17:10 (7min)  
Olten → Liestal: 17:12-17:33 (21min)  
Liestal → Basel SBB: 17:34-17:45 (11min)  
Basel SBB → Laufen, Bahnhof: 17:47-18:26 (39min)  
Laufen, Bahnhof → Delémont: 19:06-19:19 (13min)  
Delémont → Lyss: 19:42-20:30 (48min)  
Lyss → Kerzers: 20:35-20:55 (20min)  
Kerzers → Neuchâtel: 21:11-21:28 (17min)  
Neuchâtel → Renens VD: 21:39-22:18 (39min)  
Renens VD → Genève: 22:35-23:25 (50min)  
Genève → Renens VD: 23:38-00:23 (45min)  
Renens VD → St-Maurice: 00:26-01:29 (63min)  
Total time: 19 hours 31 minutes (05:58 → 01:29)

Results saved to sbb\_routes\_progress\_11.json

Processing Route\_12\_Split\_Aarau\_Forward (forward)...

Route: St-Maurice → Bellinzona (31 stations)  
St-Maurice → Renens VD: 04:32-05:34 (62min)  
Renens VD → Genève: 05:35-06:21 (46min)  
Genève → Renens VD: 06:35-07:07 (32min)  
Renens VD → Neuchâtel: 07:11-07:51 (40min)  
Neuchâtel → Kerzers: 08:04-08:27 (23min)  
Kerzers → Lyss: 09:06-09:26 (20min)  
Lyss → Delémont: 09:30-10:18 (48min)  
Delémont → Laufen, Bahnhof: 10:23-10:35 (12min)  
Laufen, Bahnhof → Basel SBB: 10:45-11:21 (36min)  
Basel SBB → Liestal: 11:31-11:47 (16min)  
Liestal → Olten: 11:48-12:10 (22min)  
Olten → Aarau: 12:20-12:29 (9min)  
Aarau → Zürich HB: 12:31-12:56 (25min)  
Zürich HB → Schaffhausen: 13:05-13:43 (38min)  
Schaffhausen → Romanshorn: 13:49-15:12 (83min)  
Romanshorn → St. Gallen: 15:26-15:44 (18min)  
St. Gallen → Herisau: 15:44-15:54 (10min)

Herisau → Jakobsbad: 15:58-16:18 (20min)  
Jakobsbad → Herisau: 16:38-17:00 (22min)  
Herisau → Uznach: 17:13-17:42 (29min)  
Uznach → Ziegelbrücke: 17:46-17:57 (11min)  
Ziegelbrücke → Pfäffikon SZ: 18:00-18:17 (17min)  
Pfäffikon SZ → Zug: 18:19-19:02 (43min)  
Zug → Luzern: 19:03-19:25 (22min)  
Luzern → Hergiswil NW: 19:27-19:39 (12min)  
Hergiswil NW → Alpnachstad: 19:54-19:58 (4min)  
Alpnachstad → Hergiswil NW: 19:59-20:03 (4min)  
Hergiswil NW → Altdorf UR: 20:18-21:51 (93min)  
Altdorf UR → S. Vittore, Zona industriale: 22:08-23:07 (59min)  
S. Vittore, Zona industriale → Bellinzona: 23:47-00:11 (24min)  
Total time: 19 hours 39 minutes (04:32 → 00:11)

Results saved to sbb\_routes\_progress\_12.json

Processing Route\_12\_Split\_Aarau\_Reverse (reverse)...

Route: Bellinzona → St-Maurice (31 stations)  
Bellinzona → S. Vittore, Zona industriale: 05:41-06:07 (26min)  
S. Vittore, Zona industriale → Altdorf UR: 06:47-07:50 (63min)  
Altdorf UR → Hergiswil NW: 08:07-09:09 (62min)  
Hergiswil NW → Alpnachstad: 09:24-09:28 (4min)  
Alpnachstad → Hergiswil NW: 09:29-09:33 (4min)  
Hergiswil NW → Luzern: 09:33-09:46 (13min)  
Luzern → Zug: 09:51-10:21 (30min)  
Zug → Pfäffikon SZ: 10:34-11:19 (45min)  
Pfäffikon SZ → Ziegelbrücke: 11:21-11:41 (20min)  
Ziegelbrücke → Uznach: 12:02-12:14 (12min)  
Uznach → Herisau: 12:17-12:46 (29min)  
Herisau → Jakobsbad: 12:58-13:18 (20min)  
Jakobsbad → Herisau: 13:38-14:00 (22min)  
Herisau → St. Gallen: 14:05-14:14 (9min)  
St. Gallen → Romanshorn: 14:15-14:33 (18min)  
Romanshorn → Schaffhausen: 14:33-15:45 (72min)  
Schaffhausen → Zürich HB: 15:47-16:23 (36min)  
Zürich HB → Aarau: 16:38-17:05 (27min)  
Aarau → Olten: 17:08-17:21 (13min)  
Olten → Liestal: 17:33-17:49 (16min)  
Liestal → Basel SBB: 17:50-18:01 (11min)  
Basel SBB → Laufen, Bahnhof: 18:02-18:41 (39min)  
Laufen, Bahnhof → Delémont: 19:06-19:19 (13min)  
Delémont → Lyss: 19:42-20:30 (48min)  
Lyss → Kerzers: 20:35-20:55 (20min)  
Kerzers → Neuchâtel: 21:11-21:28 (17min)  
Neuchâtel → Renens VD: 21:39-22:18 (39min)  
Renens VD → Genève: 22:35-23:25 (50min)  
Genève → Renens VD: 23:38-00:23 (45min)  
Renens VD → St-Maurice: 00:26-01:29 (63min)  
Total time: 19 hours 48 minutes (05:41 → 01:29)

Results saved to sbb\_routes\_progress\_12.json

Processing Route\_13\_Split\_Olten\_Forward (forward)...

Route: Genève → Castione-Arbedo (31 stations)

Genève → Lausanne: 04:46-05:38 (52min)  
Lausanne → St-Maurice: 05:41-06:23 (42min)  
St-Maurice → Renens VD: 06:28-07:22 (54min)  
Renens VD → Neuchâtel: 07:41-08:21 (40min)  
Neuchâtel → Kerzers: 08:32-08:49 (17min)  
Kerzers → Lyss: 09:06-09:26 (20min)  
Lyss → Delémont: 09:30-10:18 (48min)  
Delémont → Laufen, Bahnhof: 10:23-10:35 (12min)  
Laufen, Bahnhof → Basel SBB: 10:45-11:21 (36min)  
Basel SBB → Liestal: 11:31-11:47 (16min)  
Liestal → Olten: 11:48-12:10 (22min)  
Olten → Aarau: 12:20-12:29 (9min)  
Aarau → Zürich HB: 12:31-12:56 (25min)  
Zürich HB → Schaffhausen: 13:05-13:43 (38min)  
Schaffhausen → Romanshorn: 13:49-15:12 (83min)  
Romanshorn → St. Gallen: 15:26-15:44 (18min)  
St. Gallen → Herisau: 15:44-15:54 (10min)  
Herisau → Jakobsbad: 15:58-16:18 (20min)  
Jakobsbad → Herisau: 16:38-17:00 (22min)  
Herisau → Uznach: 17:13-17:42 (29min)  
Uznach → Ziegelbrücke: 17:46-17:57 (11min)  
Ziegelbrücke → Pfäffikon SZ: 18:00-18:17 (17min)  
Pfäffikon SZ → Zug: 18:19-19:02 (43min)  
Zug → Luzern: 19:03-19:25 (22min)  
Luzern → Hergiswil NW: 19:27-19:39 (12min)  
Hergiswil NW → Alpnachstad: 19:54-19:58 (4min)  
Alpnachstad → Hergiswil NW: 19:59-20:03 (4min)  
Hergiswil NW → Altdorf UR: 20:18-21:51 (93min)  
Altdorf UR → S. Vittore, Zona industriale: 22:08-23:07 (59min)  
S. Vittore, Zona industriale → Castione-Arbedo: 23:47-00:00 (13min)  
Total time: 19 hours 14 minutes (04:46 → 00:00)

Results saved to sbb\_routes\_progress\_13.json

Processing Route\_13\_Split\_Olten\_Reverse (reverse)...

Route: Castione-Arbedo → Genève (31 stations)

Castione-Arbedo → S. Vittore, Zona industriale: 05:58-06:07 (9min)  
S. Vittore, Zona industriale → Altdorf UR: 06:47-07:50 (63min)  
Altdorf UR → Hergiswil NW: 08:07-09:09 (62min)  
Hergiswil NW → Alpnachstad: 09:24-09:28 (4min)  
Alpnachstad → Hergiswil NW: 09:29-09:33 (4min)  
Hergiswil NW → Luzern: 09:33-09:46 (13min)  
Luzern → Zug: 09:51-10:21 (30min)  
Zug → Pfäffikon SZ: 10:34-11:19 (45min)  
Pfäffikon SZ → Ziegelbrücke: 11:21-11:41 (20min)  
Ziegelbrücke → Uznach: 12:02-12:14 (12min)  
Uznach → Herisau: 12:17-12:46 (29min)  
Herisau → Jakobsbad: 12:58-13:18 (20min)  
Jakobsbad → Herisau: 13:38-14:00 (22min)  
Herisau → St. Gallen: 14:05-14:14 (9min)  
St. Gallen → Romanshorn: 14:15-14:33 (18min)  
Romanshorn → Schaffhausen: 14:33-15:45 (72min)  
Schaffhausen → Zürich HB: 15:47-16:23 (36min)  
Zürich HB → Aarau: 16:38-17:05 (27min)  
Aarau → Olten: 17:08-17:21 (13min)

Olten → Liestal: 17:33-17:49 (16min)  
Liestal → Basel SBB: 17:50-18:01 (11min)  
Basel SBB → Laufen, Bahnhof: 18:02-18:41 (39min)  
Laufen, Bahnhof → Delémont: 19:06-19:19 (13min)  
Delémont → Lyss: 19:42-20:30 (48min)  
Lyss → Kerzers: 20:35-20:55 (20min)  
Kerzers → Neuchâtel: 21:11-21:28 (17min)  
Neuchâtel → Renens VD: 21:39-22:18 (39min)  
Renens VD → St-Maurice: 22:26-23:27 (61min)  
St-Maurice → Lausanne: 23:32-00:15 (43min)  
Lausanne → Genève: 00:30-01:22 (52min)  
Total time: 19 hours 24 minutes (05:58 → 01:22)

Results saved to sbb\_routes\_progress\_13.json

Processing Route\_14\_Split\_Aarau\_Forward (forward)...

Route: Genève → Castione-Arbedo (31 stations)

Genève → Lausanne: 04:46-05:38 (52min)  
Lausanne → St-Maurice: 05:41-06:23 (42min)  
St-Maurice → Renens VD: 06:28-07:22 (54min)  
Renens VD → Neuchâtel: 07:41-08:21 (40min)  
Neuchâtel → Kerzers: 08:32-08:49 (17min)  
Kerzers → Lyss: 09:06-09:26 (20min)  
Lyss → Delémont: 09:30-10:18 (48min)  
Delémont → Laufen, Bahnhof: 10:23-10:35 (12min)  
Laufen, Bahnhof → Basel SBB: 10:45-11:21 (36min)  
Basel SBB → Liestal: 11:31-11:47 (16min)  
Liestal → Olten: 11:48-12:10 (22min)  
Olten → Aarau: 12:20-12:29 (9min)  
Aarau → Zürich HB: 12:31-12:56 (25min)  
Zürich HB → Schaffhausen: 13:05-13:43 (38min)  
Schaffhausen → Romanshorn: 13:49-15:12 (83min)  
Romanshorn → St. Gallen: 15:26-15:44 (18min)  
St. Gallen → Herisau: 15:44-15:54 (10min)  
Herisau → Jakobsbad: 15:58-16:18 (20min)  
Jakobsbad → Herisau: 16:38-17:00 (22min)  
Herisau → Uznach: 17:13-17:42 (29min)  
Uznach → Ziegelbrücke: 17:46-17:57 (11min)  
Ziegelbrücke → Pfäffikon SZ: 18:00-18:17 (17min)  
Pfäffikon SZ → Zug: 18:19-19:02 (43min)  
Zug → Luzern: 19:03-19:25 (22min)  
Luzern → Hergiswil NW: 19:27-19:39 (12min)  
Hergiswil NW → Alpnachstad: 19:54-19:58 (4min)  
Alpnachstad → Hergiswil NW: 19:59-20:03 (4min)  
Hergiswil NW → Altdorf UR: 20:18-21:51 (93min)  
Altdorf UR → S. Vittore, Zona industriale: 22:08-23:07 (59min)  
S. Vittore, Zona industriale → Castione-Arbedo: 23:47-00:00 (13min)  
Total time: 19 hours 14 minutes (04:46 → 00:00)

Results saved to sbb\_routes\_progress\_14.json

Processing Route\_14\_Split\_Aarau\_Reverse (reverse)...

Route: Castione-Arbedo → Genève (31 stations)

Castione-Arbedo → S. Vittore, Zona industriale: 05:58-06:07 (9min)  
S. Vittore, Zona industriale → Altdorf UR: 06:47-07:50 (63min)

Altdorf UR → Hergiswil NW: 08:07-09:09 (62min)  
Hergiswil NW → Alpnachstad: 09:24-09:28 (4min)  
Alpnachstad → Hergiswil NW: 09:29-09:33 (4min)  
Hergiswil NW → Luzern: 09:33-09:46 (13min)  
Luzern → Zug: 09:51-10:21 (30min)  
Zug → Pfäffikon SZ: 10:34-11:19 (45min)  
Pfäffikon SZ → Ziegelbrücke: 11:21-11:41 (20min)  
Ziegelbrücke → Uznach: 12:02-12:14 (12min)  
Uznach → Herisau: 12:17-12:46 (29min)  
Herisau → Jakobsbad: 12:58-13:18 (20min)  
Jakobsbad → Herisau: 13:38-14:00 (22min)  
Herisau → St. Gallen: 14:05-14:14 (9min)  
St. Gallen → Romanshorn: 14:15-14:33 (18min)  
Romanshorn → Schaffhausen: 14:33-15:45 (72min)  
Schaffhausen → Zürich HB: 15:47-16:23 (36min)  
Zürich HB → Aarau: 16:38-17:05 (27min)  
Aarau → Olten: 17:08-17:21 (13min)  
Olten → Liestal: 17:33-17:49 (16min)  
Liestal → Basel SBB: 17:50-18:01 (11min)  
Basel SBB → Laufen, Bahnhof: 18:02-18:41 (39min)  
Laufen, Bahnhof → Delémont: 19:06-19:19 (13min)  
Delémont → Lyss: 19:42-20:30 (48min)  
Lyss → Kerzers: 20:35-20:55 (20min)  
Kerzers → Neuchâtel: 21:11-21:28 (17min)  
Neuchâtel → Renens VD: 21:39-22:18 (39min)  
Renens VD → St-Maurice: 22:26-23:27 (61min)  
St-Maurice → Lausanne: 23:32-00:15 (43min)  
Lausanne → Genève: 00:30-01:22 (52min)  
Total time: 19 hours 24 minutes (05:58 → 01:22)

Results saved to sbb\_routes\_progress\_14.json

Processing Route\_15\_Split\_Olten\_Forward (forward)...

Route: Genève → Stein am Rhein (34 stations)

Genève → Lausanne: 04:46-05:38 (52min)  
Lausanne → St-Maurice: 05:41-06:23 (42min)  
St-Maurice → Renens VD: 06:28-07:22 (54min)  
Renens VD → Neuchâtel: 07:41-08:21 (40min)  
Neuchâtel → Kerzers: 08:32-08:49 (17min)  
Kerzers → Lyss: 09:06-09:26 (20min)  
Lyss → Delémont: 09:30-10:18 (48min)  
Delémont → Laufen, Bahnhof: 10:23-10:35 (12min)  
Laufen, Bahnhof → Basel SBB: 10:45-11:21 (36min)  
Basel SBB → Liestal: 11:31-11:47 (16min)  
Liestal → Olten: 11:48-12:10 (22min)  
Olten → Zofingen: 12:12-12:21 (9min)  
Zofingen → Luzern: 12:29-13:01 (32min)  
Luzern → Hergiswil NW: 13:12-13:23 (11min)  
Hergiswil NW → Alpnachstad: 13:24-13:28 (4min)  
Alpnachstad → Hergiswil NW: 13:29-13:33 (4min)  
Hergiswil NW → Altdorf UR: 13:48-15:17 (89min)  
Altdorf UR → Bellinzona: 16:08-16:42 (34min)  
Bellinzona → S. Vittore, Zona industriale: 16:45-17:07 (22min)  
S. Vittore, Zona industriale → Bellinzona: 17:17-17:43 (26min)  
Bellinzona → Altdorf UR: 17:47-19:17 (90min)

Altdorf UR → Arth-Goldau: 19:39-20:07 (28min)  
Arth-Goldau → Zug: 20:15-20:30 (15min)  
Zug → Zürich HB: 20:31-20:55 (24min)  
Zürich HB → Pfäffikon SZ: 21:12-21:39 (27min)  
Pfäffikon SZ → Ziegelbrücke: 21:39-21:58 (19min)  
Ziegelbrücke → Uznach: 22:02-22:14 (12min)  
Uznach → Herisau: 22:17-22:46 (29min)  
Herisau → Jakobsbad: 22:58-23:18 (20min)  
Jakobsbad → Herisau: 05:08-05:30 (22min)  
Herisau → St. Gallen: 05:37-05:47 (10min)  
St. Gallen → Romanshorn: 05:49-06:16 (27min)  
Romanshorn → Stein am Rhein: 06:18-07:13 (55min)  
Total time: 2 hours 27 minutes (04:46 → 07:13)

Results saved to sbb\_routes\_progress\_15.json

Processing Route\_15\_Split\_Olten\_Reverse (reverse)...

Route: Stein am Rhein → Genève (34 stations)  
Stein am Rhein → Romanshorn: 05:13-06:12 (59min)  
Romanshorn → St. Gallen: 06:26-06:44 (18min)  
St. Gallen → Herisau: 06:44-06:54 (10min)  
Herisau → Jakobsbad: 06:58-07:18 (20min)  
Jakobsbad → Herisau: 07:38-08:00 (22min)  
Herisau → Uznach: 08:13-08:42 (29min)  
Uznach → Ziegelbrücke: 08:46-08:57 (11min)  
Ziegelbrücke → Pfäffikon SZ: 09:00-09:17 (17min)  
Pfäffikon SZ → Zürich HB: 09:19-09:48 (29min)  
Zürich HB → Zug: 10:05-10:29 (24min)  
Zug → Arth-Goldau: 10:30-10:45 (15min)  
Arth-Goldau → Altdorf UR: 10:54-11:17 (23min)  
Altdorf UR → Bellinzona: 12:08-12:42 (34min)  
Bellinzona → S. Vittore, Zona industriale: 12:50-13:07 (17min)  
S. Vittore, Zona industriale → Bellinzona: 13:17-13:39 (22min)  
Bellinzona → Altdorf UR: 13:47-15:17 (90min)  
Altdorf UR → Hergiswil NW: 15:40-16:39 (59min)  
Hergiswil NW → Alpnachstad: 16:54-16:58 (4min)  
Alpnachstad → Hergiswil NW: 16:59-17:03 (4min)  
Hergiswil NW → Luzern: 17:03-17:16 (13min)  
Luzern → Zofingen: 17:30-18:01 (31min)  
Zofingen → Olten: 18:03-18:10 (7min)  
Olten → Liestal: 18:12-18:33 (21min)  
Liestal → Basel SBB: 18:34-18:45 (11min)  
Basel SBB → Laufen, Bahnhof: 18:47-19:26 (39min)  
Laufen, Bahnhof → Delémont: 20:06-20:19 (13min)  
Delémont → Lyss: 20:42-21:30 (48min)  
Lyss → Kerzers: 21:35-21:55 (20min)  
Kerzers → Neuchâtel: 22:11-22:28 (17min)  
Neuchâtel → Renens VD: 22:39-23:18 (39min)  
Renens VD → St-Maurice: 23:26-00:27 (61min)  
St-Maurice → Lausanne: 04:32-05:27 (55min)  
Lausanne → Genève: 05:30-06:21 (51min)  
Total time: 1 hours 8 minutes (05:13 → 06:21)

Results saved to sbb\_routes\_progress\_15.json

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ROUTE SUMMARY TABLE

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End Stations	Route	Original Time	Actual Time	Split Direction	Difference	Start Time	End Time
Vittore, Zona industriale	Route_1_Split_Olten_Forward	31	755	Olten forward	755	1115	04:32
23:07							
St-Maurice	Route_1_Split_Olten_Reverse	31	755	Olten reverse	1096	04:37	22:53
Vittore, Zona industriale	Route_2_Split_Aarau_Forward	31	755	Aarau forward	755	1115	04:32
23:07							
St-Maurice	Route_2_Split_Aarau_Reverse	31	755	Aarau reverse	1096	04:37	22:53
Vittore, Zona industriale	Route_3_Split_Zofingen_Forward	32	762	Zofingen forward	762	1115	04:32
23:07							
St-Maurice	Route_3_Split_Zofingen_Reverse	32	762	Zofingen reverse	1096	04:37	22:53
Vittore, Zona industriale	Route_4_Split_Olten_Forward	31	771	Olten forward	771	1101	04:46
23:07							
Genève	Route_4_Split_Olten_Reverse	31	771	Olten reverse	1128	04:37	23:25
Vittore, Zona industriale	Route_5_Split_Aarau_Forward	31	771	Aarau forward	771	1101	04:46
23:07							
Genève	Route_5_Split_Aarau_Reverse	31	771	Aarau reverse	1128	04:37	23:25
Castione-Arbedo	Route_6_Split_Olten_Forward	31	772	Olten forward	1168	396	00:00
St-Maurice	Route_6_Split_Olten_Reverse	31	772	Olten reverse	1171	399	01:29
Castione-Arbedo	Route_7_Split_Aarau_Forward	31	772	Aarau forward	1168	396	00:00
St-Maurice	Route_7_Split_Aarau_Reverse	31	772	Aarau reverse	1171	399	01:29
Stein am Rhein	Route_8_Split_Olten_Forward	34	777	Olten forward	161	-616	07:13
St-Maurice	Route_8_Split_Olten_Reverse	34	777	Olten reverse	40	-737	05:53
Stein am Rhein	Route_9_Split_Zofingen_Forward	34	777	Zofingen forward	161	-616	07:13
St-Maurice	Route_9_Split_Zofingen_Reverse	34	777	Zofingen reverse	40	-737	05:53
Vittore, Zona industriale	Route_10_Split_Zofingen_Forward	32	778	Zofingen forward	778	1101	04:46
23:07							
Genève	Route_10_Split_Zofingen_Reverse	32	778	Zofingen reverse	1128	350	23:25
Castione-Arbedo	Route_11_Split_Zofingen_Forward	32	779	Zofingen forward	1168	389	00:00

Route_11_Split_Zofingen_Reverse	Zofingen	reverse		Castione-Arbedo
St-Maurice	32	779	1171	392 05:58 01:29
Route_12_Split_Aarau_Foward	Aarau	forward		St-Maurice
Bellinzona	31	780	1179	399 04:32 00:11
Route_12_Split_Aarau_Reverse	Aarau	reverse		Bellinzona
St-Maurice	31	780	1188	408 05:41 01:29
Route_13_Split_Olten_Foward	Olten	forward		Genève
Castione-Arbedo	31	788	1154	366 04:46 00:00
Route_13_Split_Olten_Reverse	Olten	reverse		Castione-Arbedo
Genève	31	788	1164	376 05:58 01:22
Route_14_Split_Aarau_Foward	Aarau	forward		Genève
Castione-Arbedo	31	788	1154	366 04:46 00:00
Route_14_Split_Aarau_Reverse	Aarau	reverse		Castione-Arbedo
Genève	31	788	1164	376 05:58 01:22
Route_15_Split_Olten_Foward	Olten	forward		Genève
Stein am Rhein	34	793	147	-646 04:46 07:13
Route_15_Split_Olten_Reverse	Olten	reverse		Stein am Rhein
Genève	34	793	68	-725 05:13 06:21

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Total routes processed: 30  
 Successful: 30  
 Failed: 0  
 Average time difference: 157.4 minutes  
 Shortest actual route: 40 minutes  
 Longest actual route: 1188 minutes

Processing Route\_16\_Split\_Zofingen\_Foward (forward)...

Route: Genève → Stein am Rhein (34 stations)

Genève → Lausanne: 04:46-05:38 (52min)  
 Lausanne → St-Maurice: 05:41-06:23 (42min)  
 St-Maurice → Renens VD: 06:28-07:22 (54min)  
 Renens VD → Neuchâtel: 07:41-08:21 (40min)  
 Neuchâtel → Kerzers: 08:32-08:49 (17min)  
 Kerzers → Lyss: 09:06-09:26 (20min)  
 Lyss → Delémont: 09:30-10:18 (48min)  
 Delémont → Laufen, Bahnhof: 10:23-10:35 (12min)  
 Laufen, Bahnhof → Basel SBB: 10:45-11:21 (36min)  
 Basel SBB → Liestal: 11:31-11:47 (16min)  
 Liestal → Olten: 11:48-12:10 (22min)  
 Olten → Zofingen: 12:12-12:21 (9min)  
 Zofingen → Luzern: 12:29-13:01 (32min)  
 Luzern → Hergiswil NW: 13:12-13:23 (11min)  
 Hergiswil NW → Alpnachstad: 13:24-13:28 (4min)  
 Alpnachstad → Hergiswil NW: 13:29-13:33 (4min)  
 Hergiswil NW → Altdorf UR: 13:48-15:17 (89min)  
 Altdorf UR → Bellinzona: 16:08-16:42 (34min)  
 Bellinzona → S. Vittore, Zona industriale: 16:45-17:07 (22min)  
 S. Vittore, Zona industriale → Bellinzona: 17:17-17:43 (26min)  
 Bellinzona → Altdorf UR: 17:47-19:17 (90min)  
 Altdorf UR → Arth-Goldau: 19:39-20:07 (28min)  
 Arth-Goldau → Zug: 20:15-20:30 (15min)  
 Zug → Zürich HB: 20:31-20:55 (24min)  
 Zürich HB → Pfäffikon SZ: 21:12-21:39 (27min)



Pfäffikon SZ → Ziegelbrücke: 21:39-21:58 (19min)  
Ziegelbrücke → Uznach: 22:02-22:14 (12min)  
Uznach → Herisau: 22:17-22:46 (29min)  
Herisau → Jakobsbad: 22:58-23:18 (20min)  
Jakobsbad → Herisau: 05:08-05:30 (22min)  
Herisau → St. Gallen: 05:37-05:47 (10min)  
St. Gallen → Romanshorn: 05:49-06:16 (27min)  
Romanshorn → Stein am Rhein: 06:18-07:13 (55min)  
Total time: 2 hours 27 minutes (04:46 → 07:13)

Results saved to sbb\_routes\_progress\_16.json

Processing Route\_16\_Split\_Zofingen\_Reverse (reverse)...

Route: Stein am Rhein → Genève (34 stations)  
Stein am Rhein → Romanshorn: 05:13-06:12 (59min)  
Romanshorn → St. Gallen: 06:26-06:44 (18min)  
St. Gallen → Herisau: 06:44-06:54 (10min)  
Herisau → Jakobsbad: 06:58-07:18 (20min)  
Jakobsbad → Herisau: 07:38-08:00 (22min)  
Herisau → Uznach: 08:13-08:42 (29min)  
Uznach → Ziegelbrücke: 08:46-08:57 (11min)  
Ziegelbrücke → Pfäffikon SZ: 09:00-09:17 (17min)  
Pfäffikon SZ → Zürich HB: 09:19-09:48 (29min)  
Zürich HB → Zug: 10:05-10:29 (24min)  
Zug → Arth-Goldau: 10:30-10:45 (15min)  
Arth-Goldau → Altdorf UR: 10:54-11:17 (23min)  
Altdorf UR → Bellinzona: 12:08-12:42 (34min)  
Bellinzona → S. Vittore, Zona industriale: 12:50-13:07 (17min)  
S. Vittore, Zona industriale → Bellinzona: 13:17-13:39 (22min)  
Bellinzona → Altdorf UR: 13:47-15:17 (90min)  
Altdorf UR → Hergiswil NW: 15:40-16:39 (59min)  
Hergiswil NW → Alpnachstad: 16:54-16:58 (4min)  
Alpnachstad → Hergiswil NW: 16:59-17:03 (4min)  
Hergiswil NW → Luzern: 17:03-17:16 (13min)  
Luzern → Zofingen: 17:30-18:01 (31min)  
Zofingen → Olten: 18:03-18:10 (7min)  
Olten → Liestal: 18:12-18:33 (21min)  
Liestal → Basel SBB: 18:34-18:45 (11min)  
Basel SBB → Laufen, Bahnhof: 18:47-19:26 (39min)  
Laufen, Bahnhof → Delémont: 20:06-20:19 (13min)  
Delémont → Lyss: 20:42-21:30 (48min)  
Lyss → Kerzers: 21:35-21:55 (20min)  
Kerzers → Neuchâtel: 22:11-22:28 (17min)  
Neuchâtel → Renens VD: 22:39-23:18 (39min)  
Renens VD → St-Maurice: 23:26-00:27 (61min)  
St-Maurice → Lausanne: 04:32-05:27 (55min)  
Lausanne → Genève: 05:30-06:21 (51min)  
Total time: 1 hours 8 minutes (05:13 → 06:21)

Results saved to sbb\_routes\_progress\_16.json

Processing Route\_17\_Split\_Zofingen\_Forward (forward)...

Route: Genève → Castione-Arbedo (32 stations)  
Genève → Lausanne: 04:46-05:38 (52min)  
Lausanne → St-Maurice: 05:41-06:23 (42min)

St-Maurice → Renens VD: 06:28-07:22 (54min)  
Renens VD → Neuchâtel: 07:41-08:21 (40min)  
Neuchâtel → Kerzers: 08:32-08:49 (17min)  
Kerzers → Lyss: 09:06-09:26 (20min)  
Lyss → Delémont: 09:30-10:18 (48min)  
Delémont → Laufen, Bahnhof: 10:23-10:35 (12min)  
Laufen, Bahnhof → Basel SBB: 10:45-11:21 (36min)  
Basel SBB → Liestal: 11:31-11:47 (16min)  
Liestal → Olten: 11:48-12:10 (22min)  
Olten → Zofingen: 12:12-12:21 (9min)  
Zofingen → Luzern: 12:29-13:01 (32min)  
Luzern → Hergiswil NW: 13:12-13:23 (11min)  
Hergiswil NW → Alpnachstad: 13:24-13:28 (4min)  
Alpnachstad → Hergiswil NW: 13:29-13:33 (4min)  
Hergiswil NW → Luzern: 13:33-13:46 (13min)  
Luzern → Zug: 13:51-14:21 (30min)  
Zug → Zürich HB: 14:29-14:51 (22min)  
Zürich HB → Schaffhausen: 15:05-15:43 (38min)  
Schaffhausen → Romanshorn: 15:49-17:12 (83min)  
Romanshorn → St. Gallen: 17:26-17:44 (18min)  
St. Gallen → Herisau: 17:44-17:54 (10min)  
Herisau → Jakobsbad: 17:58-18:18 (20min)  
Jakobsbad → Herisau: 18:38-19:00 (22min)  
Herisau → Uznach: 19:13-19:42 (29min)  
Uznach → Ziegelbrücke: 19:46-19:57 (11min)  
Ziegelbrücke → Pfäffikon SZ: 20:00-20:17 (17min)  
Pfäffikon SZ → Altdorf UR: 20:19-21:51 (92min)  
Altdorf UR → S. Vittore, Zona industriale: 22:08-23:07 (59min)  
S. Vittore, Zona industriale → Castione-Arbedo: 23:47-00:00 (13min)  
Total time: 19 hours 14 minutes (04:46 → 00:00)

Results saved to sbb\_routes\_progress\_17.json

Processing Route\_17\_Split\_Zofingen\_Reverse (reverse)...

Route: Castione-Arbedo → Genève (32 stations)

Castione-Arbedo → S. Vittore, Zona industriale: 05:58-06:07 (9min)  
S. Vittore, Zona industriale → Altdorf UR: 06:47-07:50 (63min)  
Altdorf UR → Pfäffikon SZ: 07:50-08:54 (64min)  
Pfäffikon SZ → Ziegelbrücke: 09:07-09:25 (18min)  
Ziegelbrücke → Uznach: 09:32-09:45 (13min)  
Uznach → Herisau: 09:48-10:23 (35min)  
Herisau → Jakobsbad: 10:28-10:48 (20min)  
Jakobsbad → Herisau: 11:08-11:30 (22min)  
Herisau → St. Gallen: 11:37-11:47 (10min)  
St. Gallen → Romanshorn: 11:49-12:16 (27min)  
Romanshorn → Schaffhausen: 12:18-13:43 (85min)  
Schaffhausen → Zürich HB: 13:47-14:23 (36min)  
Zürich HB → Zug: 14:33-14:59 (26min)  
Zug → Luzern: 15:03-15:25 (22min)  
Luzern → Hergiswil NW: 15:27-15:39 (12min)  
Hergiswil NW → Alpnachstad: 15:54-15:58 (4min)  
Alpnachstad → Hergiswil NW: 15:59-16:03 (4min)  
Hergiswil NW → Luzern: 16:03-16:16 (13min)  
Luzern → Zofingen: 16:30-17:01 (31min)  
Zofingen → Olten: 17:03-17:10 (7min)

Olten → Liestal: 17:12-17:33 (21min)  
Liestal → Basel SBB: 17:34-17:45 (11min)  
Basel SBB → Laufen, Bahnhof: 17:47-18:26 (39min)  
Laufen, Bahnhof → Delémont: 19:06-19:19 (13min)  
Delémont → Lyss: 19:42-20:30 (48min)  
Lyss → Kerzers: 20:35-20:55 (20min)  
Kerzers → Neuchâtel: 21:11-21:28 (17min)  
Neuchâtel → Renens VD: 21:39-22:18 (39min)  
Renens VD → St-Maurice: 22:26-23:27 (61min)  
St-Maurice → Lausanne: 23:32-00:15 (43min)  
Lausanne → Genève: 00:30-01:22 (52min)  
Total time: 19 hours 24 minutes (05:58 → 01:22)

Results saved to sbb\_routes\_progress\_17.json

Processing Route\_18\_Split\_Aarau\_Forward (forward)...

Route: Genève → Bellinzona (31 stations)  
Genève → Lausanne: 04:46-05:38 (52min)  
Lausanne → St-Maurice: 05:41-06:23 (42min)  
St-Maurice → Renens VD: 06:28-07:22 (54min)  
Renens VD → Neuchâtel: 07:41-08:21 (40min)  
Neuchâtel → Kerzers: 08:32-08:49 (17min)  
Kerzers → Lyss: 09:06-09:26 (20min)  
Lyss → Delémont: 09:30-10:18 (48min)  
Delémont → Laufen, Bahnhof: 10:23-10:35 (12min)  
Laufen, Bahnhof → Basel SBB: 10:45-11:21 (36min)  
Basel SBB → Liestal: 11:31-11:47 (16min)  
Liestal → Olten: 11:48-12:10 (22min)  
Olten → Aarau: 12:20-12:29 (9min)  
Aarau → Zürich HB: 12:31-12:56 (25min)  
Zürich HB → Schaffhausen: 13:05-13:43 (38min)  
Schaffhausen → Romanshorn: 13:49-15:12 (83min)  
Romanshorn → St. Gallen: 15:26-15:44 (18min)  
St. Gallen → Herisau: 15:44-15:54 (10min)  
Herisau → Jakobsbad: 15:58-16:18 (20min)  
Jakobsbad → Herisau: 16:38-17:00 (22min)  
Herisau → Uznach: 17:13-17:42 (29min)  
Uznach → Ziegelbrücke: 17:46-17:57 (11min)  
Ziegelbrücke → Pfäffikon SZ: 18:00-18:17 (17min)  
Pfäffikon SZ → Zug: 18:19-19:02 (43min)  
Zug → Luzern: 19:03-19:25 (22min)  
Luzern → Hergiswil NW: 19:27-19:39 (12min)  
Hergiswil NW → Alpnachstad: 19:54-19:58 (4min)  
Alpnachstad → Hergiswil NW: 19:59-20:03 (4min)  
Hergiswil NW → Altdorf UR: 20:18-21:51 (93min)  
Altdorf UR → S. Vittore, Zona industriale: 22:08-23:07 (59min)  
S. Vittore, Zona industriale → Bellinzona: 23:47-00:11 (24min)  
Total time: 19 hours 25 minutes (04:46 → 00:11)

Results saved to sbb\_routes\_progress\_18.json

Processing Route\_18\_Split\_Aarau\_Reverse (reverse)...

Route: Bellinzona → Genève (31 stations)  
Bellinzona → S. Vittore, Zona industriale: 05:41-06:07 (26min)  
S. Vittore, Zona industriale → Altdorf UR: 06:47-07:50 (63min)

Altdorf UR → Hergiswil NW: 08:07-09:09 (62min)  
Hergiswil NW → Alpnachstad: 09:24-09:28 (4min)  
Alpnachstad → Hergiswil NW: 09:29-09:33 (4min)  
Hergiswil NW → Luzern: 09:33-09:46 (13min)  
Luzern → Zug: 09:51-10:21 (30min)  
Zug → Pfäffikon SZ: 10:34-11:19 (45min)  
Pfäffikon SZ → Ziegelbrücke: 11:21-11:41 (20min)  
Ziegelbrücke → Uznach: 12:02-12:14 (12min)  
Uznach → Herisau: 12:17-12:46 (29min)  
Herisau → Jakobsbad: 12:58-13:18 (20min)  
Jakobsbad → Herisau: 13:38-14:00 (22min)  
Herisau → St. Gallen: 14:05-14:14 (9min)  
St. Gallen → Romanshorn: 14:15-14:33 (18min)  
Romanshorn → Schaffhausen: 14:33-15:45 (72min)  
Schaffhausen → Zürich HB: 15:47-16:23 (36min)  
Zürich HB → Aarau: 16:38-17:05 (27min)  
Aarau → Olten: 17:08-17:21 (13min)  
Olten → Liestal: 17:33-17:49 (16min)  
Liestal → Basel SBB: 17:50-18:01 (11min)  
Basel SBB → Laufen, Bahnhof: 18:02-18:41 (39min)  
Laufen, Bahnhof → Delémont: 19:06-19:19 (13min)  
Delémont → Lyss: 19:42-20:30 (48min)  
Lyss → Kerzers: 20:35-20:55 (20min)  
Kerzers → Neuchâtel: 21:11-21:28 (17min)  
Neuchâtel → Renens VD: 21:39-22:18 (39min)  
Renens VD → St-Maurice: 22:26-23:27 (61min)  
St-Maurice → Lausanne: 23:32-00:15 (43min)  
Lausanne → Genève: 00:30-01:22 (52min)  
Total time: 19 hours 41 minutes (05:41 → 01:22)

Results saved to sbb\_routes\_progress\_18.json

Processing Route\_19\_Split\_Aarau\_Forward (forward)...

Route: Fribourg → S. Vittore, Zona industriale (32 stations)

Fribourg → Lausanne: 05:27-06:20 (53min)  
Lausanne → St-Maurice: 06:31-07:12 (41min)  
St-Maurice → Renens VD: 07:14-08:05 (51min)  
Renens VD → Genève: 08:23-08:55 (32min)  
Genève → Renens VD: 09:05-09:37 (32min)  
Renens VD → Neuchâtel: 09:41-10:21 (40min)  
Neuchâtel → Biel/Bienne: 10:22-10:42 (20min)  
Biel/Bienne → Grenchen Nord: 10:48-10:58 (10min)  
Grenchen Nord → Delémont: 10:59-11:18 (19min)  
Delémont → Laufen, Bahnhof: 11:23-11:35 (12min)  
Laufen, Bahnhof → Basel SBB: 11:45-12:21 (36min)  
Basel SBB → Liestal: 12:31-12:47 (16min)  
Liestal → Aarau: 12:54-13:20 (26min)  
Aarau → Zürich HB: 13:23-13:52 (29min)  
Zürich HB → Schaffhausen: 14:05-14:43 (38min)  
Schaffhausen → Romanshorn: 14:49-16:12 (83min)  
Romanshorn → St. Gallen: 16:26-16:44 (18min)  
St. Gallen → Herisau: 16:44-16:54 (10min)  
Herisau → Jakobsbad: 16:58-17:18 (20min)  
Jakobsbad → Herisau: 17:38-18:00 (22min)  
Herisau → Uznach: 18:13-18:42 (29min)

Uznach → Ziegelbrücke: 18:46-18:57 (11min)  
Ziegelbrücke → Pfäffikon SZ: 19:00-19:17 (17min)  
Pfäffikon SZ → Zug: 19:19-20:02 (43min)  
Zug → Luzern: 20:03-20:25 (22min)  
Luzern → Hergiswil NW: 20:27-20:39 (12min)  
Hergiswil NW → Alpnachstad: 20:54-20:58 (4min)  
Alpnachstad → Hergiswil NW: 20:59-21:03 (4min)  
Hergiswil NW → Altdorf UR: 21:18-22:51 (93min)  
Altdorf UR → Bellinzona: 00:08-00:47 (39min)  
Bellinzona → S. Vittore, Zona industriale: 05:41-06:07 (26min)  
Total time: 0 hours 40 minutes (05:27 → 06:07)

Results saved to sbb\_routes\_progress\_19.json

Processing Route\_19\_Split\_Aarau\_Reverse (reverse)...

Route: S. Vittore, Zona industriale → Fribourg (32 stations)

Bellinzona → Altdorf UR: 05:07-05:50 (43min)  
Altdorf UR → Hergiswil NW: 06:07-07:09 (62min)  
Hergiswil NW → Alpnachstad: 07:24-07:28 (4min)  
Alpnachstad → Hergiswil NW: 07:29-07:33 (4min)  
Hergiswil NW → Luzern: 07:33-07:46 (13min)  
Luzern → Zug: 07:51-08:21 (30min)  
Zug → Pfäffikon SZ: 08:34-09:19 (45min)  
Pfäffikon SZ → Ziegelbrücke: 09:21-09:41 (20min)  
Ziegelbrücke → Uznach: 10:02-10:14 (12min)  
Uznach → Herisau: 10:17-10:46 (29min)  
Herisau → Jakobsbad: 10:58-11:18 (20min)  
Jakobsbad → Herisau: 11:38-12:00 (22min)  
Herisau → St. Gallen: 12:05-12:14 (9min)  
St. Gallen → Romanshorn: 12:15-12:33 (18min)  
Romanshorn → Schaffhausen: 12:33-13:45 (72min)  
Schaffhausen → Zürich HB: 13:47-14:23 (36min)  
Zürich HB → Aarau: 14:38-15:05 (27min)  
Aarau → Liestal: 15:13-15:49 (36min)  
Liestal → Basel SBB: 15:50-16:01 (11min)  
Basel SBB → Laufen, Bahnhof: 16:02-16:41 (39min)  
Laufen, Bahnhof → Delémont: 17:06-17:19 (13min)  
Delémont → Grenchen Nord: 17:42-18:00 (18min)  
Grenchen Nord → Biel/Bienne: 18:01-18:11 (10min)  
Biel/Bienne → Neuchâtel: 18:18-18:37 (19min)  
Neuchâtel → Renens VD: 18:39-19:18 (39min)  
Renens VD → Genève: 19:23-19:55 (32min)  
Genève → Renens VD: 20:05-20:37 (32min)  
Renens VD → St-Maurice: 20:38-21:31 (53min)  
St-Maurice → Lausanne: 21:32-22:25 (53min)  
Lausanne → Fribourg: 22:40-23:32 (52min)  
Total time: 18 hours 55 minutes (04:37 → 23:32)

Results saved to sbb\_routes\_progress\_19.json

Processing Route\_20\_Split\_Olten\_Forward (forward)...

Route: Fribourg → S. Vittore, Zona industriale (32 stations)

Fribourg → Lausanne: 05:27-06:20 (53min)  
Lausanne → St-Maurice: 06:31-07:12 (41min)  
St-Maurice → Renens VD: 07:14-08:05 (51min)

Renens VD → Genève: 08:23-08:55 (32min)  
Genève → Renens VD: 09:05-09:37 (32min)  
Renens VD → Neuchâtel: 09:41-10:21 (40min)  
Neuchâtel → Biel/Bienne: 10:22-10:42 (20min)  
Biel/Bienne → Delémont: 10:48-11:18 (30min)  
Delémont → Laufen, Bahnhof: 11:23-11:35 (12min)  
Laufen, Bahnhof → Basel SBB: 11:45-12:21 (36min)  
Basel SBB → Liestal: 12:31-12:47 (16min)  
Liestal → Olten: 12:48-13:10 (22min)  
Olten → Aarau: 13:20-13:29 (9min)  
Aarau → Zürich HB: 13:31-13:56 (25min)  
Zürich HB → Schaffhausen: 14:05-14:43 (38min)  
Schaffhausen → Romanshorn: 14:49-16:12 (83min)  
Romanshorn → St. Gallen: 16:26-16:44 (18min)  
St. Gallen → Herisau: 16:44-16:54 (10min)  
Herisau → Jakobsbad: 16:58-17:18 (20min)  
Jakobsbad → Herisau: 17:38-18:00 (22min)  
Herisau → Uznach: 18:13-18:42 (29min)  
Uznach → Ziegelbrücke: 18:46-18:57 (11min)  
Ziegelbrücke → Pfäffikon SZ: 19:00-19:17 (17min)  
Pfäffikon SZ → Zug: 19:19-20:02 (43min)  
Zug → Luzern: 20:03-20:25 (22min)  
Luzern → Hergiswil NW: 20:27-20:39 (12min)  
Hergiswil NW → Alpnachstad: 20:54-20:58 (4min)  
Alpnachstad → Hergiswil NW: 20:59-21:03 (4min)  
Hergiswil NW → Altdorf UR: 21:18-22:51 (93min)  
Altdorf UR → Bellinzona: 00:08-00:47 (39min)  
Bellinzona → S. Vittore, Zona industriale: 05:41-06:07 (26min)  
Total time: 0 hours 40 minutes (05:27 → 06:07)

Results saved to sbb\_routes\_progress\_20.json

Processing Route\_20\_Split\_Olten\_Reverse (reverse)...

Route: S. Vittore, Zona industriale → Fribourg (32 stations)

Bellinzona → Altdorf UR: 05:07-05:50 (43min)  
Altdorf UR → Hergiswil NW: 06:07-07:09 (62min)  
Hergiswil NW → Alpnachstad: 07:24-07:28 (4min)  
Alpnachstad → Hergiswil NW: 07:29-07:33 (4min)  
Hergiswil NW → Luzern: 07:33-07:46 (13min)  
Luzern → Zug: 07:51-08:21 (30min)  
Zug → Pfäffikon SZ: 08:34-09:19 (45min)  
Pfäffikon SZ → Ziegelbrücke: 09:21-09:41 (20min)  
Ziegelbrücke → Uznach: 10:02-10:14 (12min)  
Uznach → Herisau: 10:17-10:46 (29min)  
Herisau → Jakobsbad: 10:58-11:18 (20min)  
Jakobsbad → Herisau: 11:38-12:00 (22min)  
Herisau → St. Gallen: 12:05-12:14 (9min)  
St. Gallen → Romanshorn: 12:15-12:33 (18min)  
Romanshorn → Schaffhausen: 12:33-13:45 (72min)  
Schaffhausen → Zürich HB: 13:47-14:23 (36min)  
Zürich HB → Aarau: 14:38-15:05 (27min)  
Aarau → Olten: 15:08-15:21 (13min)  
Olten → Liestal: 15:33-15:49 (16min)  
Liestal → Basel SBB: 15:50-16:01 (11min)  
Basel SBB → Laufen, Bahnhof: 16:02-16:41 (39min)

Laufen, Bahnhof → Delémont: 17:06-17:19 (13min)  
 Delémont → Biel/Bienne: 17:42-18:11 (29min)  
 Biel/Bienne → Neuchâtel: 18:18-18:37 (19min)  
 Neuchâtel → Renens VD: 18:39-19:18 (39min)  
 Renens VD → Genève: 19:23-19:55 (32min)  
 Genève → Renens VD: 20:05-20:37 (32min)  
 Renens VD → St-Maurice: 20:38-21:31 (53min)  
 St-Maurice → Lausanne: 21:32-22:25 (53min)  
 Lausanne → Fribourg: 22:40-23:32 (52min)  
 Total time: 18 hours 55 minutes (04:37 → 23:32)

Results saved to sbb\_routes\_progress\_20.json

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ROUTE SUMMARY TABLE									
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End Stations	Original	Route	Time	Split	Direction	Start	Time	End	Time
Route_1_Split_Olten_Foward		Olten		forward		St-Maurice S.			
Vittore, Zona industriale	31		755	1115		360	04:32		
23:07									
Route_1_Split_Olten_Reverse		Olten		reverse	S. Vittore, Zona industriale				
St-Maurice	31		755	1096	341	04:37	22:53		
Route_2_Split_Aarau_Foward		Aarau		forward		St-Maurice S.			
Vittore, Zona industriale	31		755	1115		360	04:32		
23:07									
Route_2_Split_Aarau_Reverse		Aarau		reverse	S. Vittore, Zona industriale				
St-Maurice	31		755	1096	341	04:37	22:53		
Route_3_Split_Zofingen_Foward		Zofingen		forward		St-Maurice S.			
Vittore, Zona industriale	32		762	1115		353	04:32		
23:07									
Route_3_Split_Zofingen_Reverse		Zofingen		reverse	S. Vittore, Zona industriale				
St-Maurice	32		762	1096	334	04:37	22:53		
Route_4_Split_Olten_Foward		Olten		forward		Genève S.			
Vittore, Zona industriale	31		771	1101		330	04:46		
23:07									
Route_4_Split_Olten_Reverse		Olten		reverse	S. Vittore, Zona industriale				
Genève	31		771	1128	357	04:37	23:25		
Route_5_Split_Aarau_Foward		Aarau		forward		Genève S.			
Vittore, Zona industriale	31		771	1101		330	04:46		
23:07									
Route_5_Split_Aarau_Reverse		Aarau		reverse	S. Vittore, Zona industriale				
Genève	31		771	1128	357	04:37	23:25		
Route_6_Split_Olten_Foward		Olten		forward		St-Maurice			
Castione-Arbedo	31		772	1168	396	04:32	00:00		
Route_6_Split_Olten_Reverse		Olten		reverse		Castione-Arbedo			
St-Maurice	31		772	1171	399	05:58	01:29		
Route_7_Split_Aarau_Foward		Aarau		forward		St-Maurice			
Castione-Arbedo	31		772	1168	396	04:32	00:00		
Route_7_Split_Aarau_Reverse		Aarau		reverse		Castione-Arbedo			
St-Maurice	31		772	1171	399	05:58	01:29		
Route_8_Split_Olten_Foward		Olten		forward		St-Maurice			
Stein am Rhein	34		777	161	-616	04:32	07:13		

Route_8_Split_Olten_Reverse	Olten	reverse		Stein am Rhein
St-Maurice 34	777	40	-737	05:13 05:53
Route_9_Split_Zofingen_Forward	Zofingen	forward		St-Maurice
Stein am Rhein 34	777	161	-616	04:32 07:13
Route_9_Split_Zofingen_Reverse	Zofingen	reverse		Stein am Rhein
St-Maurice 34	777	40	-737	05:13 05:53
Route_10_Split_Zofingen_Forward	Zofingen	forward		Genève S.
Vittore, Zona industriale 32	778	1101	323	04:46 23:07
Route_10_Split_Zofingen_Reverse	Zofingen	reverse	S. Vittore, Zona industriale	
Genève 32	778	1128	350	04:37 23:25
Route_11_Split_Zofingen_Forward	Zofingen	forward		St-Maurice
Castione-Arbedo 32	779	1168	389	04:32 00:00
Route_11_Split_Zofingen_Reverse	Zofingen	reverse		Castione-Arbedo
St-Maurice 32	779	1171	392	05:58 01:29
Route_12_Split_Aarau_Forward	Aarau	forward		St-Maurice
Bellinzona 31	780	1179	399	04:32 00:11
Route_12_Split_Aarau_Reverse	Aarau	reverse		Bellinzona
St-Maurice 31	780	1188	408	05:41 01:29
Route_13_Split_Olten_Forward	Olten	forward		Genève
Castione-Arbedo 31	788	1154	366	04:46 00:00
Route_13_Split_Olten_Reverse	Olten	reverse		Castione-Arbedo
Genève 31	788	1164	376	05:58 01:22
Route_14_Split_Aarau_Forward	Aarau	forward		Genève
Castione-Arbedo 31	788	1154	366	04:46 00:00
Route_14_Split_Aarau_Reverse	Aarau	reverse		Castione-Arbedo
Genève 31	788	1164	376	05:58 01:22
Route_15_Split_Olten_Forward	Olten	forward		Genève
Stein am Rhein 34	793	147	-646	04:46 07:13
Route_15_Split_Olten_Reverse	Olten	reverse		Stein am Rhein
Genève 34	793	68	-725	05:13 06:21
Route_16_Split_Zofingen_Forward	Zofingen	forward		Genève
Stein am Rhein 34	793	147	-646	04:46 07:13
Route_16_Split_Zofingen_Reverse	Zofingen	reverse		Stein am Rhein
Genève 34	793	68	-725	05:13 06:21
Route_17_Split_Zofingen_Forward	Zofingen	forward		Genève
Castione-Arbedo 32	795	1154	359	04:46 00:00
Route_17_Split_Zofingen_Reverse	Zofingen	reverse		Castione-Arbedo
Genève 32	795	1164	369	05:58 01:22
Route_18_Split_Aarau_Forward	Aarau	forward		Genève
Bellinzona 31	796	1165	369	04:46 00:11
Route_18_Split_Aarau_Reverse	Aarau	reverse		Bellinzona
Genève 31	796	1181	385	05:41 01:22
Route_19_Split_Aarau_Forward	Aarau	forward		Fribourg S.
Vittore, Zona industriale 32	811	40	-771	05:27 06:07
Route_19_Split_Aarau_Reverse	Aarau	reverse	S. Vittore, Zona industriale	
Fribourg 32	811	1135	324	04:37 23:32
Route_20_Split_Olten_Forward	Olten	forward		Fribourg S.
Vittore, Zona industriale 32	812	40	-772	05:27 06:07
Route_20_Split_Olten_Reverse	Olten	reverse	S. Vittore, Zona industriale	
Fribourg 32	812	1135	323	04:37 23:32

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Total routes processed: 40  
Successful: 40  
Failed: 0  
Average time difference: 98.4 minutes  
Shortest actual route: 40 minutes  
Longest actual route: 1188 minutes