

PUMS di Livigno

26.10.2023

Ipotesi di Programma di Esercizio del TPL Urbano

J. Ognibene – Project Manager

G. Brancaccio – Pianificatore della mobilità

M. Villani – Pianificatrice della mobilità

G. Acciaro – Direttore Tecnico Settore Mobility



Obiettivi minimi da garantire:

- Cadenzamento regolare nella giornata
- Linea Trepalle attiva intera giornata

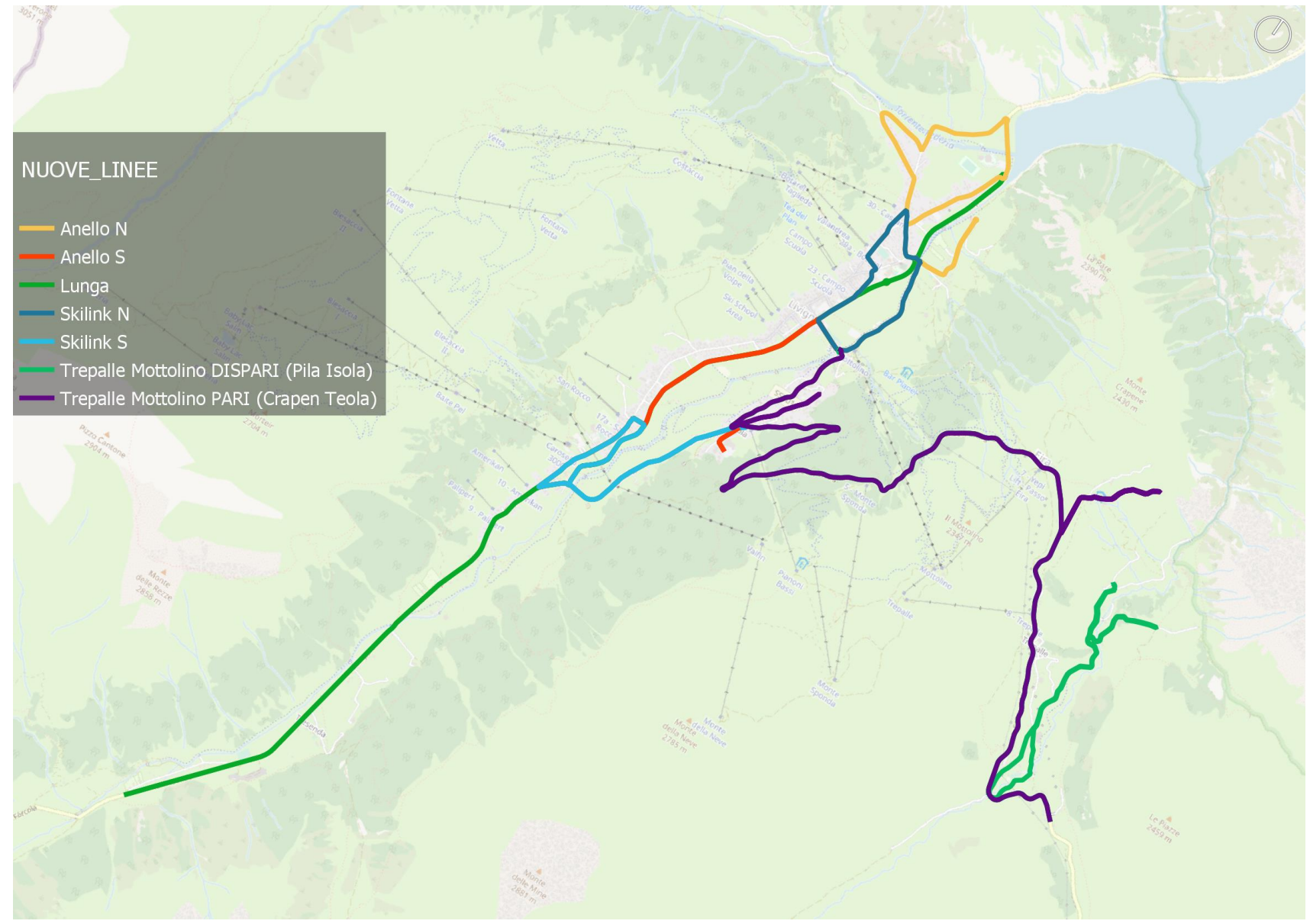
Obiettivi aggiuntivi perseguiti con il Nuovo Progetto di Rete:

- Stessa struttura di rete (linee e percorsi) in tutte le stagioni dell'anno
- Coordinamento orari in Centro per favorire l'interscambio tra linee
- Orari più attinenti alle esigenze di studenti e lavoratori (scuole 7.50-12.50)

Nuovo TPL Urbano

Ipotesi	Descrizione
1	5 Linee Attuali: Trepalle, Verde, Blu, Rossa*, Gialla* *Attive solo in INV Cadenzamento 60/30 – Fascia 7:00-20:00 18 mezzi + scorte
2	4 Linee nuove: Trepalle, Lunga NS, Circolare N, Circolare S Cadenzamento 60/15 – Fascia 7:00-19:30 Linee attive tutto l'anno (EST=INV) 13 mezzi + scorte
3	4 Linee nuove: Trepalle, Lunga NS, Circolare N, Circolare S Cadenzamento 60/15 con rendez-vous ottimale al Mottolino – Fascia 7:00-19:30 Linee attive tutto l'anno (EST=INV) 12 mezzi + scorte
4	4 Linee nuove: Trepalle, Lunga NS, Circolare N, Circolare S Cadenzamento 60/12 – Fascia 7:00-19:30 Linee attive tutto l'anno (EST=INV) 16 mezzi + scorte
5	4 Linee nuove: Trepalle, Lunga NS, Circolare N, Circolare S Cadenzamento 60/15 – Fascia 7:00-20:00 Linee attive tutto l'anno (EST=INV) 14 mezzi + scorte
6	4 Linee nuove: Trepalle, Lunga NS, Circolare N, Circolare S Cadenzamento 60/15 – Fascia 6:30/7:30-20:00 (7:10-20:20 per la linea Trepalle) Linee attive tutto l'anno (EST=INV) 14 mezzi (di cui 3 Ski-Link) + scorte

Inquadramento generale



SCENARIO PRE-2026

INV	Prima Corsa	Ultima corsa	Ore /giorno	Distanziamento base	Corse di rinforzo	Cp Corse /Giorno
Lunga N-S	07:00	19:30	12.50	15	2	53
Circolare N	07:30	19:45	12.25	15		50
Circolare S	07:30	19:45	12.25	15		50
Ski Link Nord	09:30	15:30	6.00	10		37
Ski Link Sud	09:30	15:30	6.00	10		37
Trepalle	08:20	20:20	12.00	60	2	14

BASSA	Prima Corsa	Ultima corsa	Ore /giorno	Distanziamento base	Corse di rinforzo	Cp Corse /Giorno
Lunga N-S	07:00	19:30	12.50	30		26
Circolare N	07:30	19:30	12.00	30		25
Circolare S	07:30	19:30	12.00	30		25
Ski Link Nord	09:30	15:30	6.00			0
Ski Link Sud	09:30	15:30	6.00			0
Trepalle	08:20	20:20	12.00	120	2	8

EST	Prima Corsa	Ultima corsa	Ore /giorno	Distanziamento base	Corse di rinforzo	Cp Corse /Giorno
Lunga N-S	07:00	19:30	12.50	15	2	53
Circolare N	07:30	19:45	12.25	15		50
Circolare S	07:30	19:45	12.25	15		50
Ski Link Nord	09:30	15:30	6.00			0
Ski Link Sud	09:30	15:30	6.00			0
Trepalle	08:20	20:20	12.00	60		12

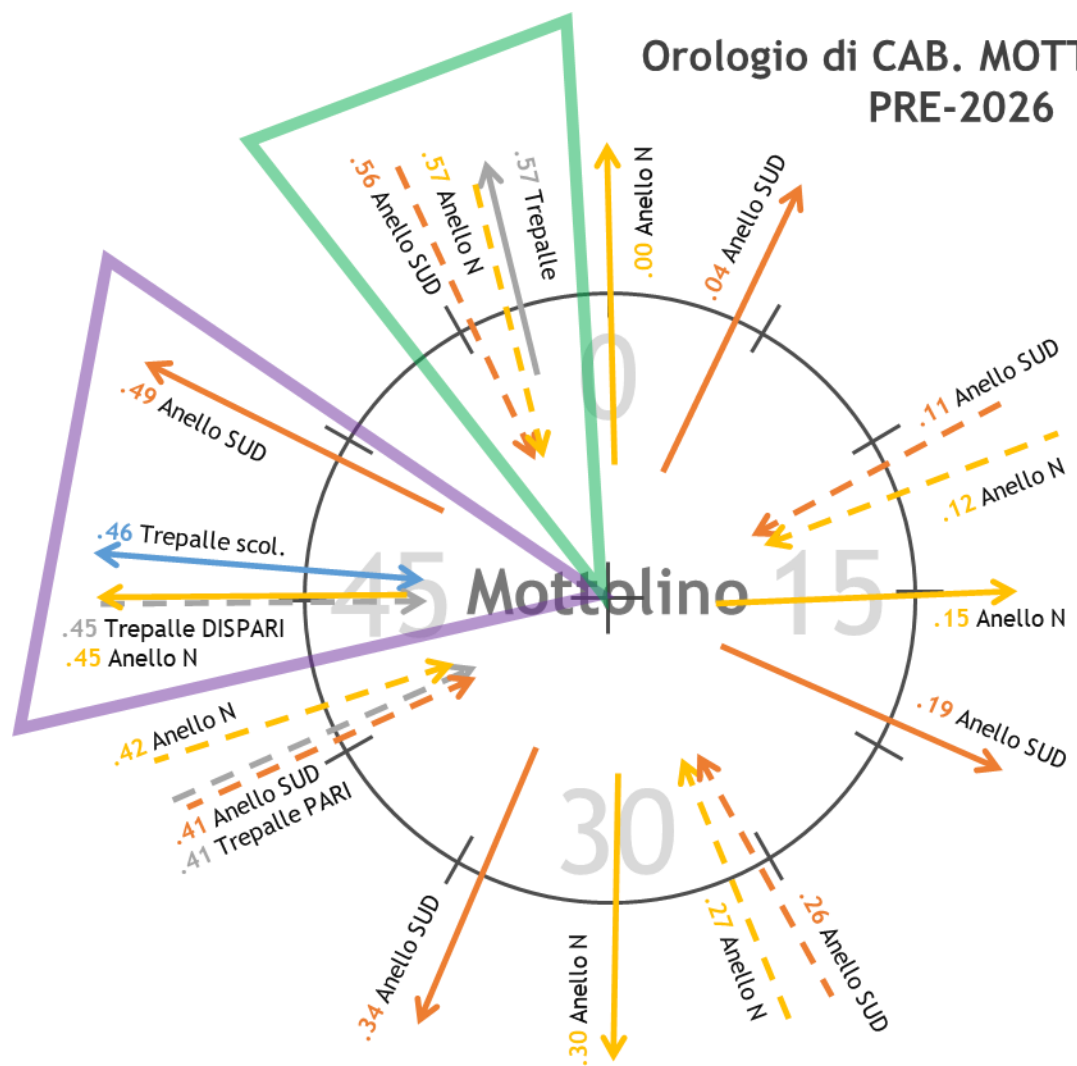
Linea	Veic*Km /anno
Lunga N-S	319,000
Circolare N	126,000
Circolare S	105,000
Ski Link Nord	18,000
Ski Link Sud	32,000
Trepalle	102,000
	702,000

Fabbisogno mezzi:

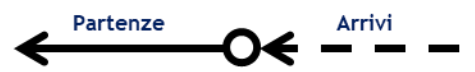
- 11 Bus ordinari + scorte
- 2/3 ski link



SCENARIO PRE-2026

Orologio di CAB. MOTTOLINO 3 - PRE-2026



-  Anello NORD - dir. AquaGranda
-  Anello SUD - dir. Carosello 3000
-  Trepalle - dir. Trepalle
-  Trepalle Linea Scolastica - dir. Scuole



-  Coincidenza sulla partenza delle linee circolari
-  Coincidenza sulla partenza della linea per Trepalle

*Trepalle – Mottolino 7:46 procede verso Scuole Statali

SCENARIO POST-2026

INV	Prima Corsa	Ultima corsa	Ore /giorno	Distanziamento base	Corse di rinforzo	Cp Corse /Giorno
Lunga N-S	06:15	20:30	14.25	15		58
Circolare N	07:30	19:45	12.25	15		50
Circolare S	07:30	19:45	12.25	15		50
Ski Link Nord	09:30	15:30	6.00	10		37
Ski Link Sud						0
Trepalle	08:20	20:20	12.00	60	2	14

BASSA	Prima Corsa	Ultima corsa	Ore /giorno	Distanziamento base	Corse di rinforzo	Cp Corse /Giorno
Lunga N-S	06:30	20:00	13.50	30		28
Circolare N	07:30	19:30	12.00	30		25
Circolare S	07:30	19:30	12.00	30		25
Ski Link Nord						0
Ski Link Sud						0
Trepalle	08:20	20:20	12.00	120	3	9

EST	Prima Corsa	Ultima corsa	Ore /giorno	Distanziamento base	Corse di rinforzo	Cp Corse /Giorno
Lunga N-S	06:15	20:30	14.25	15		58
Circolare N	07:30	20:00	12.50	15		51
Circolare S	07:30	20:00	12.50	15		51
Ski Link Nord						0
Ski Link Sud						0
Trepalle	08:20	20:20	12.00	60		12

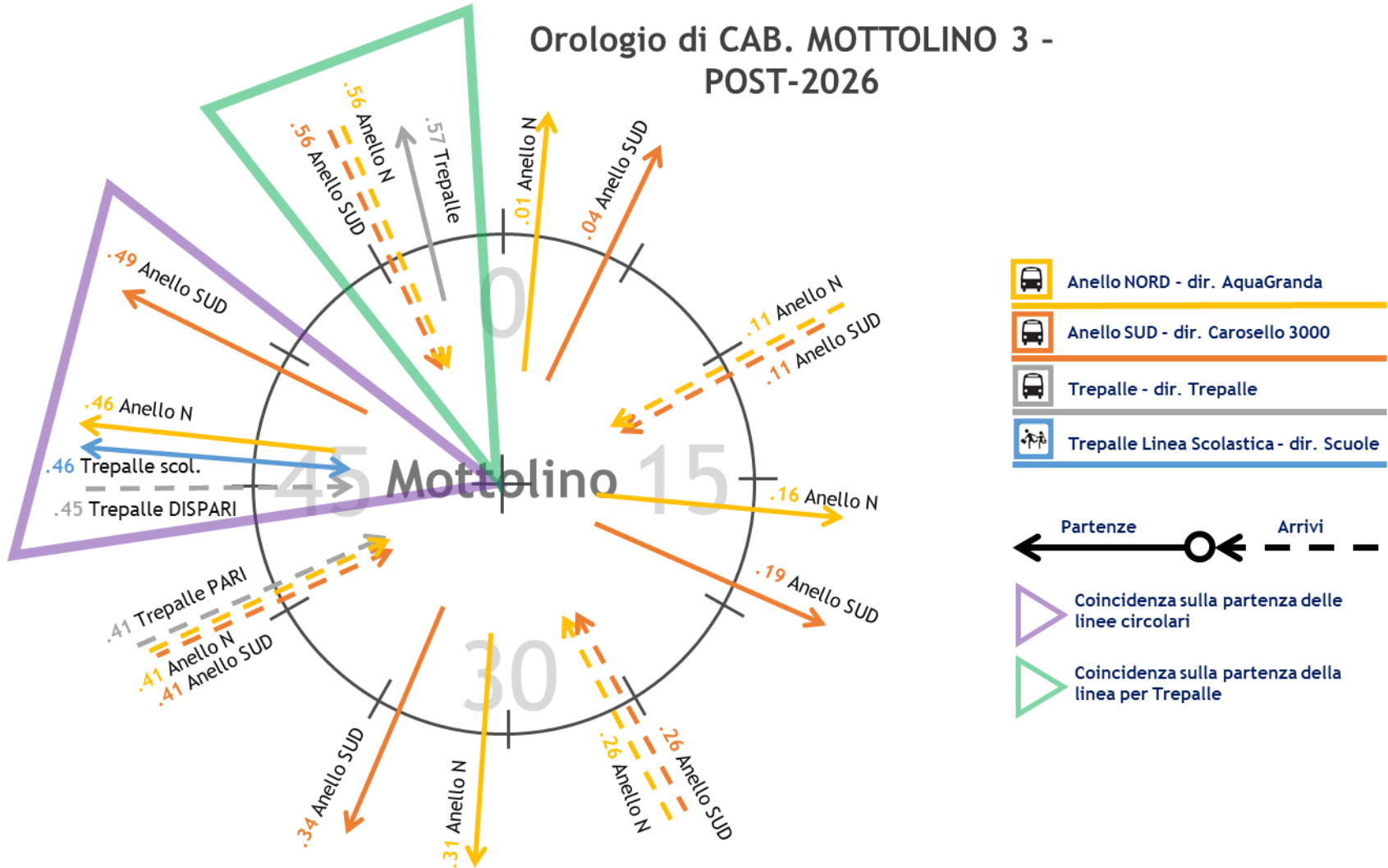
Linea	Veic*Km /anno
Lunga N-S	350,000
Circolare N	122,000
Circolare S	106,000
Ski Link Nord	18,000
Ski Link Sud	0
Trepalle	105,000
	701,000

Fabbisogno mezzi:

- 11 Bus ordinari + scorte
- 1 ski link

SCENARIO POST-2026

Orologio di CAB. MOTTOLINO 3 - POST-2026



*Trepalle – Mottolino 7:46 procede verso Scuole Statali

SCENARIO POST-2026 – Prolungamento Lunga fino alle 23:00



INV	Prima Corsa	Ultima corsa	Ore /giorno	Distanziamento base	Corse di rinforzo	Cp Corse /Giorno
Lunga N-S	06:15	23:00	14.25	15		68
Circolare N	07:30	19:45	12.25	15		50
Circolare S	07:30	19:45	12.25	15		50
Ski Link Nord	09:30	15:30	6.00	10		37
Ski Link Sud						0
Trepalle	08:20	20:20	12.00	60	2	14

BASSA	Prima Corsa	Ultima corsa	Ore /giorno	Distanziamento base	Corse di rinforzo	Cp Corse /Giorno
Lunga N-S	06:30	23:00	13.50	30		34
Circolare N	07:30	19:30	12.00	30		25
Circolare S	07:30	19:30	12.00	30		25
Ski Link Nord						0
Ski Link Sud						0
Trepalle	08:20	20:20	12.00	120	3	9

EST	Prima Corsa	Ultima corsa	Ore /giorno	Distanziamento base	Corse di rinforzo	Cp Corse /Giorno
Lunga N-S	06:15	23:00	14.25	15		68
Circolare N	07:30	20:00	12.50	15		51
Circolare S	07:30	20:00	12.50	15		51
Ski Link Nord						0
Ski Link Sud						0
Trepalle	08:20	20:20	12.00	60		12

Linea	Veic*Km /anno
Lunga N-S	413,000
Circolare N	122,000
Circolare S	106,000
Ski Link Nord	18,000
Ski Link Sud	0
Trepalle	105,000
	764,000

Fabbisogno mezzi:

- 11 Bus ordinari + scorte
- 1 ski link

SCENARIO POST-2026 – Prolungamento di tutte le linee fino alle 23:00



INV	Prima Corsa	Ultima corsa	Ore /giorno	Distanziamento base	Corse di rinforzo	Cp Corse /Giorno
Lunga N-S	06:15	23:00	16,75	15		68
Circolare N	07:30	23:00	15,50	15		63
Circolare S	07:30	23:00	15,50	15		63
Ski Link Nord	09:30	15:30	6,00	10		37
Ski Link Sud	09:30	15:30	6,00	10		37
Trepalle	08:20	23:00	14,00	60	2	16

BASSA	Prima Corsa	Ultima corsa	Ore /giorno	Distanziamento base	Corse di rinforzo	Cp Corse /Giorno
Lunga N-S	06:30	23:00	16,50	30		34
Circolare N	07:30	23:00	15,50	30		32
Circolare S	07:30	23:00	15,50	30		32
Ski Link Nord	09:30	15:30	6,00			0
Ski Link Sud	09:30	15:30	6,00			0
Trepalle	08:20	23:00	14,00	120	3	10

EST	Prima Corsa	Ultima corsa	Ore /giorno	Distanziamento base	Corse di rinforzo	Cp Corse /Giorno
Lunga N-S	06:15	23:00	16,75	15		68
Circolare N	07:30	23:00	15,50	15		63
Circolare S	07:30	23:00	15,50	15		63
Ski Link Nord	09:30	15:30	6,00			0
Ski Link Sud	09:30	15:30	6,00			0
Trepalle	08:20	23:00	14,00	60		14

Linea	Veic*Km /anno
Lunga N-S	413.000
Circolare N	153.000
Circolare S	133.000
Ski Link Nord	18.000
Ski Link Sud	0
Trepalle	117.000
	834.000

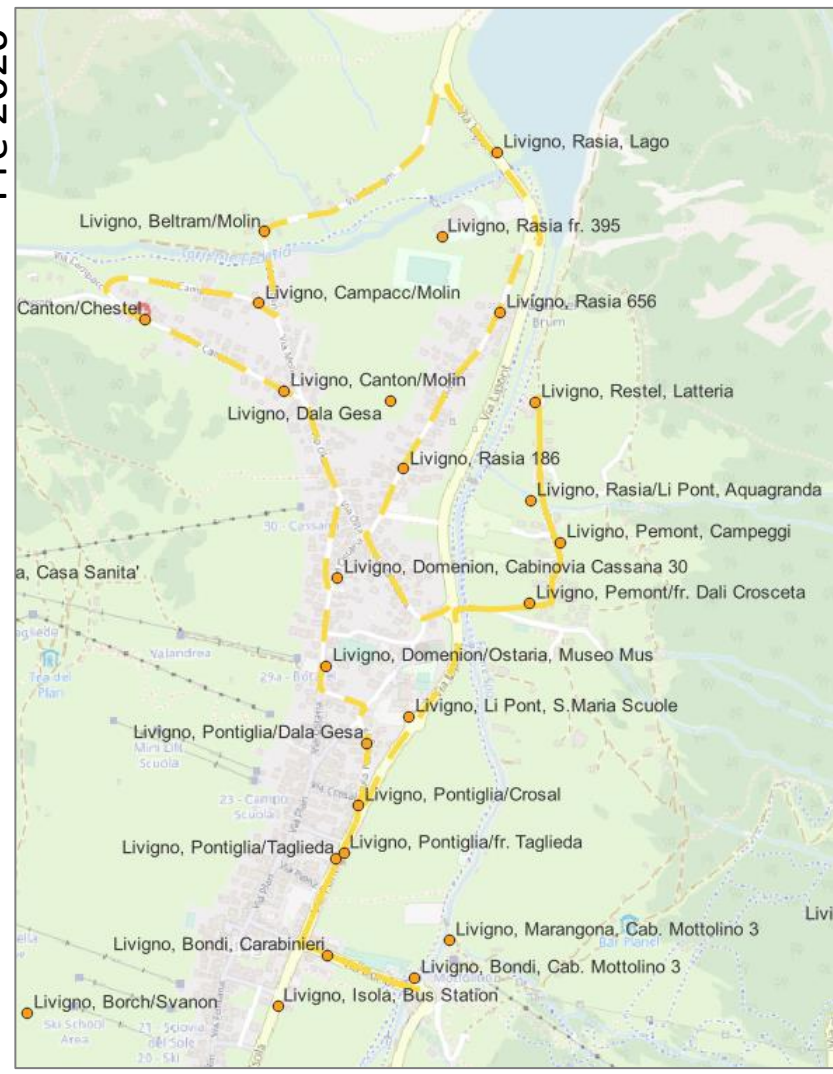
Fabbisogno mezzi:

- 11 Bus ordinari + scorte
- 1 ski link

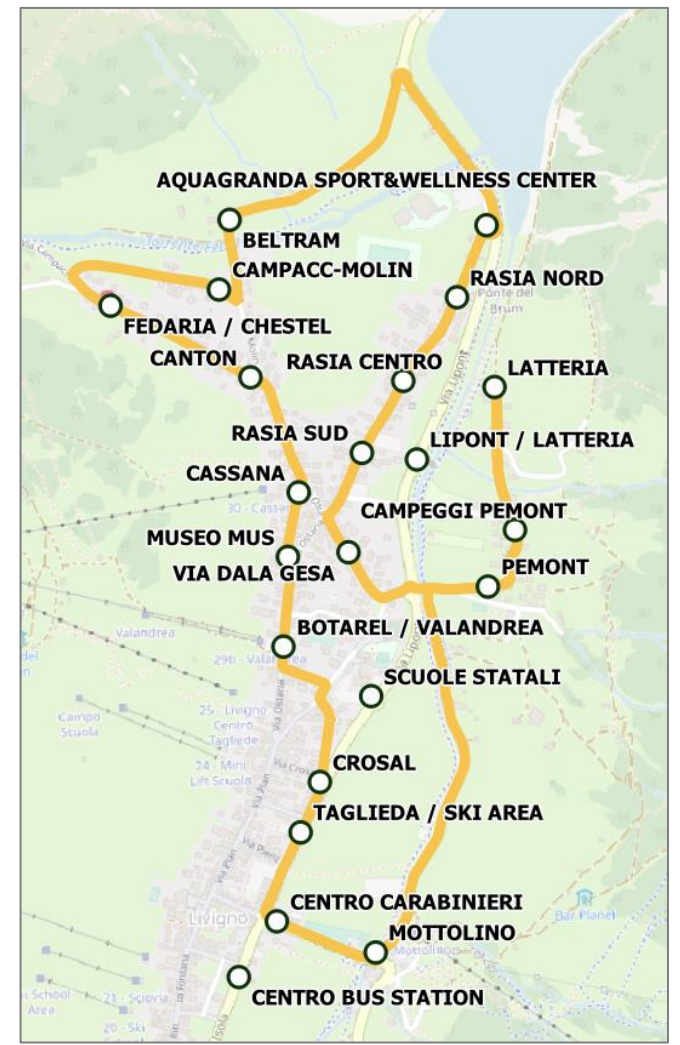
Anello Nord

Programma di Esercizio

Pre 2026

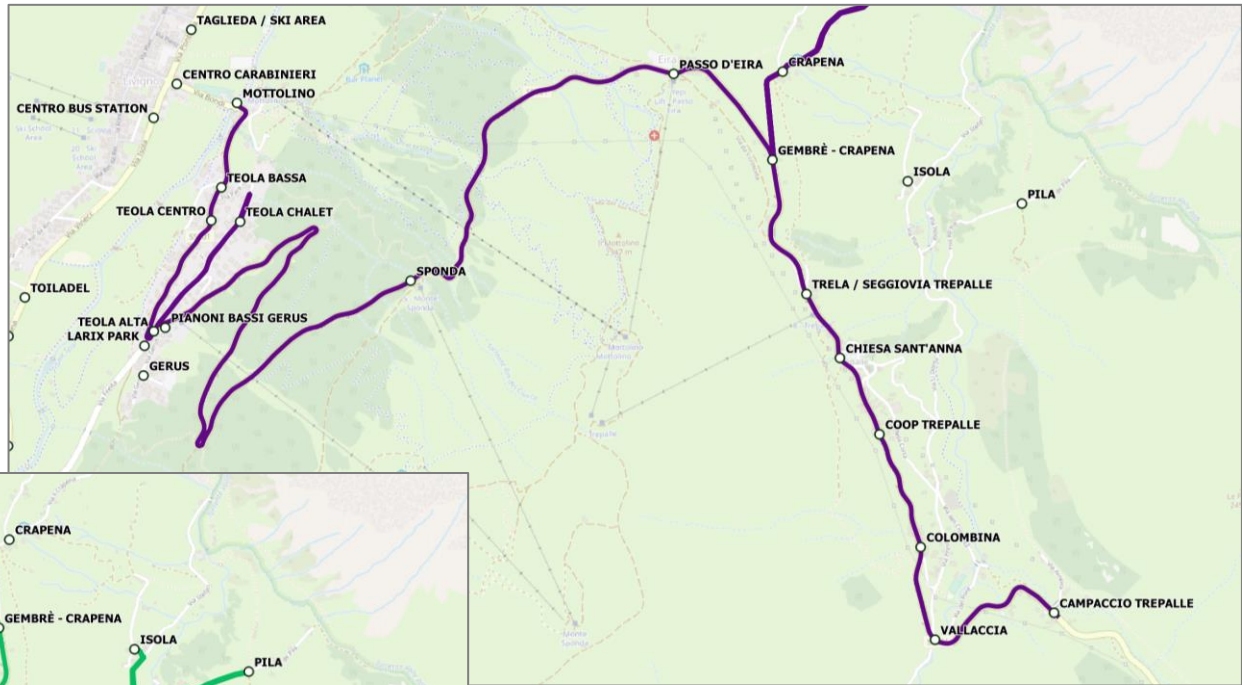
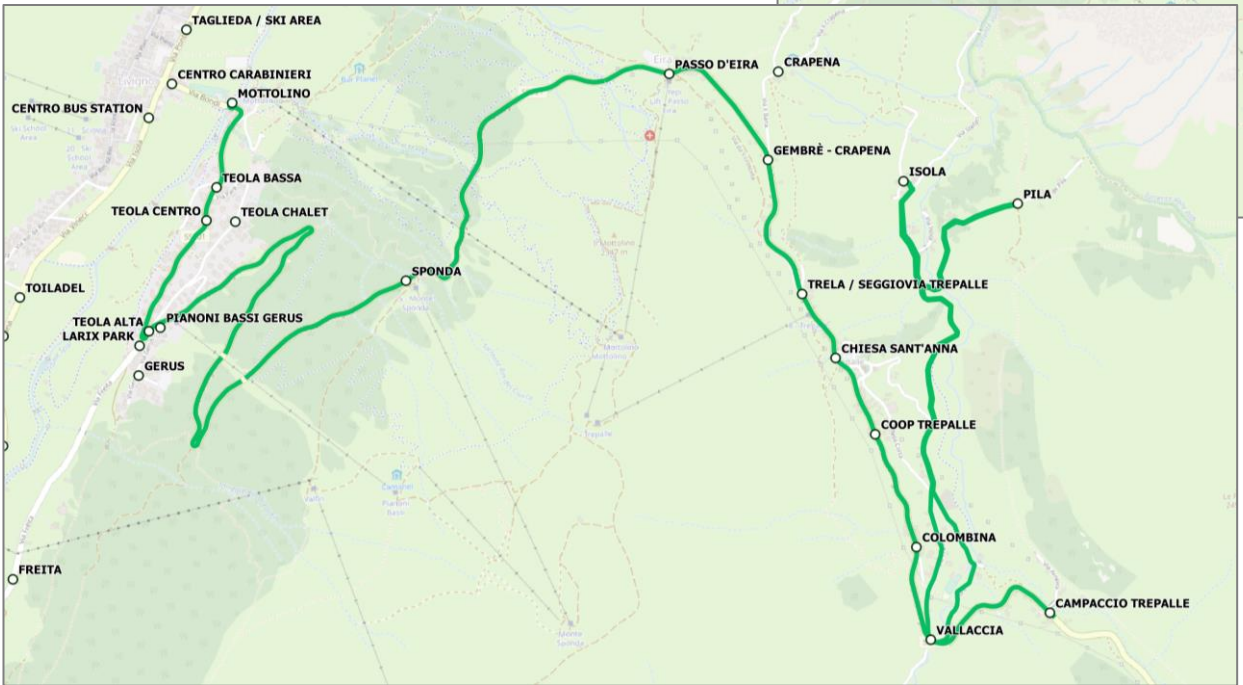


Post 2026



Trepalle

Percorso ore DISPARI (Pila, Isola)



Percorso ore PARI (Crapena, Teola)

Direzione Nord

		Dalle 7 alle 18								
	No bassa		No bassa		No bassa			No bassa		No bassa
FORCOLA CAMPEGGI	06:38	.08	.23	.38	.53		19:08	19:23	19:38	20:08
TRESENTA/DALI MINA	06:39	.09	.24	.39	.54		19:09	19:24	19:39	20:09
COMPART	06:40	.10	.25	.40	.55		19:10	19:25	19:40	20:10
PALIPERT CAMPEGGI	06:41	.11	.26	.41	.56		19:11	19:26	19:41	20:11
PALIPERT/FLORIN	06:42	.12	.27	.42	.57		19:12	19:27	19:42	20:12
SKILIFT PALIPERT 9	06:43	.13	.28	.43	.58		19:13	19:28	19:43	20:13
SKILIFT AMERIKAN 10	06:44	.14	.29	.44	.59		19:14	19:29	19:44	20:14
FLORIN/SAROCCH	06:45	.15	.30	.45	.00		19:15	19:30	19:45	20:15
CASA DELLA SANITÀ	06:46	.16	.31	.46	.01		19:16	19:31	19:46	20:16
PEDRANA/LUIGION	06:48	.18	.33	.48	.03		19:18	19:33	19:48	20:18
PLAZA PLACHEDA	06:49	.19	.34	.49	.04		19:19	19:34	19:49	20:19
CAROSSELLO 3000 11	06:50	.20	.35	.50	.05		19:20	19:35	19:50	20:20
CASA DELLA SANITÀ	06:51	.21	.36	.51	.06		19:21	19:36	19:51	20:21
SAN ROCCO POLIZIA MUNICIPALE	06:51	.21	.36	.51	.06		19:21	19:36	19:51	20:21
PEDRANA/CONFORTINA	06:54	.24	.39	.54	.09		19:24	19:39	19:54	20:24
PEDRANA/PIZABELA	06:56	.26	.41	.56	.11		19:26	19:41	19:56	20:26
VINECC/TOILADEL	06:57	.27	.42	.57	.12		19:27	19:42	19:57	20:27
BUS STATION	06:58	.28	.43	.58	.13		19:28	19:43	19:58	20:28
PONTIGLIA/TAGLIEDA	06:59	.29	.44	.59	.14		19:29	19:44	19:59	20:29
S. MARIA SCUOLE	07:00	.30	.45	.00	.15		19:30	19:45	20:00	20:30
LIPONT/LATTERIA	07:01	.31	.46	.01	.16		19:31	19:46	20:01	20:31
AQUAGRANDA	07:04	.34	.49	.04	.19		19:34	19:49	20:04	20:34

Direzione Sud

		Dalle 7 alle 18								
	No bassa		No bassa		No bassa			No bassa		No bassa
AQUAGRANDA	06:39	.09	.24	.39	.54		19:09	19:24	19:39	20:09
S. MARIA SCUOLE	06:42	.12	.27	.42	.57		19:12	19:27	19:42	20:12
PONTIGLIA/CROSAL	06:43	.13	.28	.43	.58		19:13	19:28	19:43	20:13
PONTIGLIA/TAGLIEDA	06:43	.13	.28	.43	.58		19:13	19:28	19:43	20:13
BUS STATION	06:44	.14	.29	.44	.59		19:14	19:29	19:44	20:14
VINECC/TOILADEL	06:45	.15	.30	.45	.00		19:15	19:30	19:45	20:15
PEDRANA/PIZABELA	06:46	.16	.31	.46	.01		19:16	19:31	19:46	20:16
PEDRANA/CONFORTINA	06:48	.18	.33	.48	.03		19:18	19:33	19:48	20:18
PEDRANA/LUIGION	06:49	.19	.34	.49	.04		19:19	19:34	19:49	20:19
PLAZA PLACHEDA	06:50	.20	.35	.50	.05		19:20	19:35	19:50	20:20
CAROSSELLO 3000 11	06:51	.21	.36	.51	.06		19:21	19:36	19:51	20:21
FLORIN/SAROCCH	06:53	.23	.38	.53	.08		19:23	19:38	19:53	20:23
SKILIFT AMERIKAN 10	06:54	.24	.39	.54	.09		19:24	19:39	19:54	20:24
SKILIFT PALIPERT 9	06:55	.25	.40	.55	.10		19:25	19:40	19:55	20:25
PALIPERT/FLORIN	06:56	.26	.41	.56	.11		19:26	19:41	19:56	20:26
PALIPERT CAMPEGGI	06:57	.27	.42	.57	.12		19:27	19:42	19:57	20:27
COMPART	06:58	.28	.43	.58	.13		19:28	19:43	19:58	20:28
TRESENTA/DALI MINA	06:59	.29	.44	.59	.14		19:29	19:44	19:59	20:29
FORCOLA CAMPEGGI	07:00	.30	.45	.00	.15		19:30	19:45	20:00	20:30

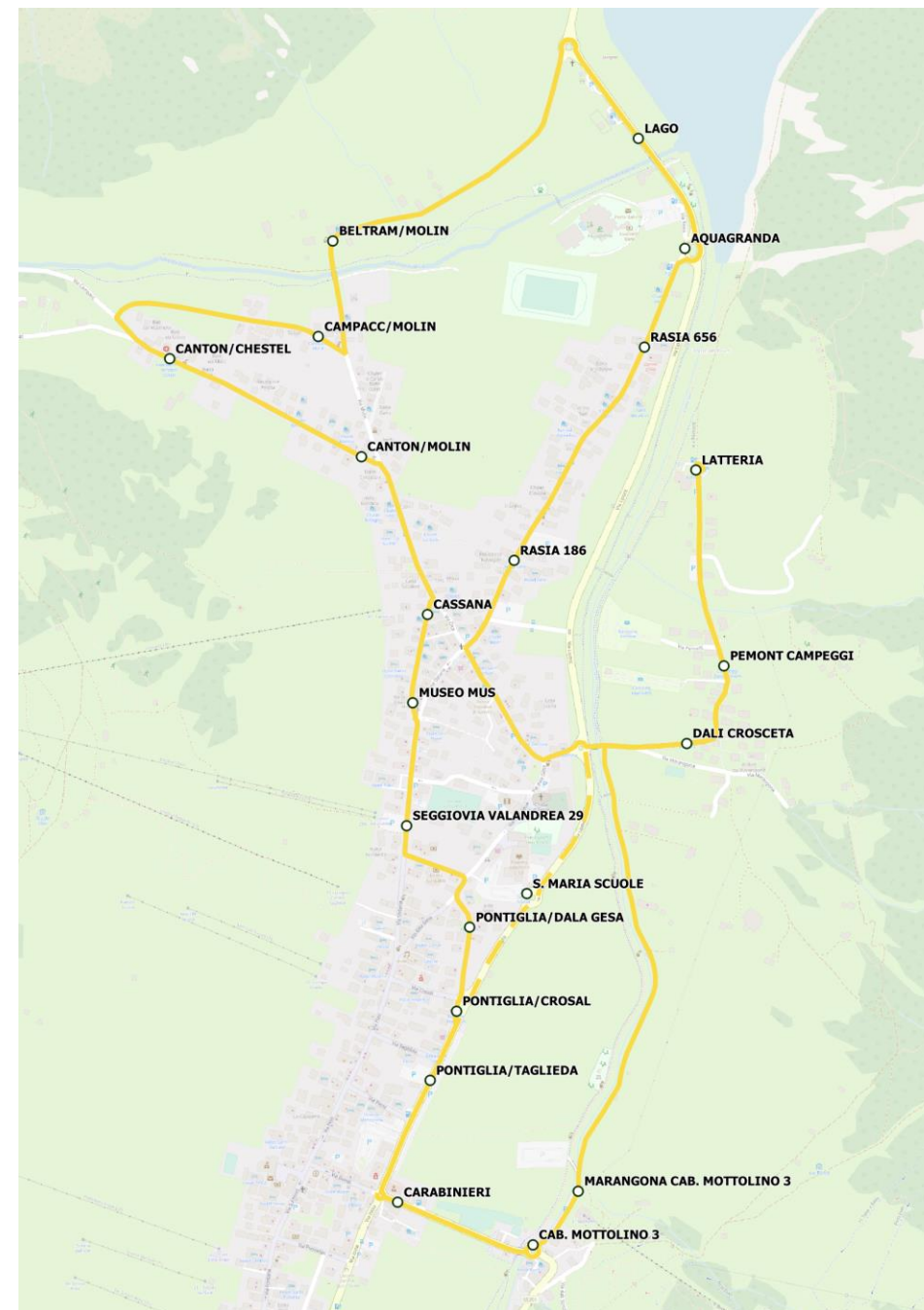


Pre 2026

		No bassa		Dalle 8 alle 19			
		No bassa		No bassa		No bassa	
CAB. MOTTOLINO 3	07:30	07:45	.00	.15	.30	.45	
CARABINIERI	07:31	07:46	.01	.16	.31	.46	
PONTIGLIA/TAGLIEDA	07:32	07:47	.02	.17	.32	.47	
S. MARIA SCUOLE	07:33	07:48	.03	.18	.33	.48	
DALI CROSCETA	07:35	07:50	.05	.20	.35	.50	
PEMONT CAMPEGGI	07:36	07:51	.06	.21	.36	.51	
LATTERIA	07:37	07:52	.07	.22	.37	.52	
PEMONT CAMPEGGI	07:38	07:53	.08	.23	.38	.53	
DALI CROSCETA	07:39	07:54	.09	.24	.39	.54	
RASIA 186	07:41	07:56	.11	.26	.41	.56	
RASIA 656	07:42	07:57	.12	.27	.42	.57	
AQUAGRANDA	07:43	07:58	.13	.28	.43	.58	
LAGO	07:44	07:59	.14	.29	.44	.59	
BELTRAM/MOLIN	07:45	08:00	.15	.30	.45	.00	
CAMPACC/MOLIN	07:46	08:01	.16	.31	.46	.01	
CANTON/CHESTEL	07:47	08:02	.17	.32	.47	.02	
CANTON/MOLIN	07:48	08:03	.18	.33	.48	.03	
CASSANA	07:49	08:04	.19	.34	.49	.04	
MUSEO MUS	07:50	08:05	.20	.35	.50	.05	
SEGGIOVIA VALANDREA 29	07:51	08:06	.21	.36	.51	.06	
PONTIGLIA/DALA GESA	07:52	08:07	.22	.37	.52	.07	
PONTIGLIA/CROSAL	07:54	08:09	.24	.39	.54	.09	
PONTIGLIA/TAGLIEDA	07:55	08:10	.25	.40	.55	.10	
CARABINIERI	07:56	08:11	.26	.41	.56	.11	
CAB. MOTTOLINO 3	07:57	08:12	.27	.42	.57	.12	

Post 2026

		No bassa		Dalle 8 alle 19			
		No bassa		No bassa		No bassa	
CAB. MOTTOLINO 3	07:31	07:46	.01	.16	.31	.46	
MARANGONA CAB. MOTTOLINO 3	07:32	07:47	.02	.17	.32	.47	
DALI CROSCETA	07:34	07:49	.04	.19	.34	.49	
PEMONT CAMPEGGI	07:35	07:50	.05	.20	.35	.50	
LATTERIA	07:36	07:51	.06	.21	.36	.51	
PEMONT CAMPEGGI	07:37	07:52	.07	.22	.37	.52	
DALI CROSCETA	07:38	07:53	.08	.23	.38	.53	
RASIA 186	07:40	07:55	.10	.25	.40	.55	
RASIA 656	07:41	07:56	.11	.26	.41	.56	
AQUAGRANDA	07:42	07:57	.12	.27	.42	.57	
LAGO	07:43	07:58	.13	.28	.43	.58	
BELTRAM/MOLIN	07:44	07:59	.14	.29	.44	.59	
CAMPACC/MOLIN	07:45	08:00	.15	.30	.45	.00	
CANTON/CHESTEL	07:46	08:01	.16	.31	.46	.01	
CANTON/MOLIN	07:47	08:02	.17	.32	.47	.02	
CASSANA	07:48	08:03	.18	.33	.48	.03	
MUSEO MUS	07:49	08:04	.19	.34	.49	.04	
SEGGIOVIA VALANDREA 29	07:50	08:05	.20	.35	.50	.05	
PONTIGLIA/DALA GESA	07:51	08:06	.21	.36	.51	.06	
PONTIGLIA/CROSAL	07:53	08:08	.23	.38	.53	.08	
PONTIGLIA/TAGLIEDA	07:54	08:09	.24	.39	.54	.09	
CARABINIERI	07:55	08:10	.25	.40	.55	.10	
CAB. MOTTOLINO 3	07:56	08:11	.26	.41	.56	.11	

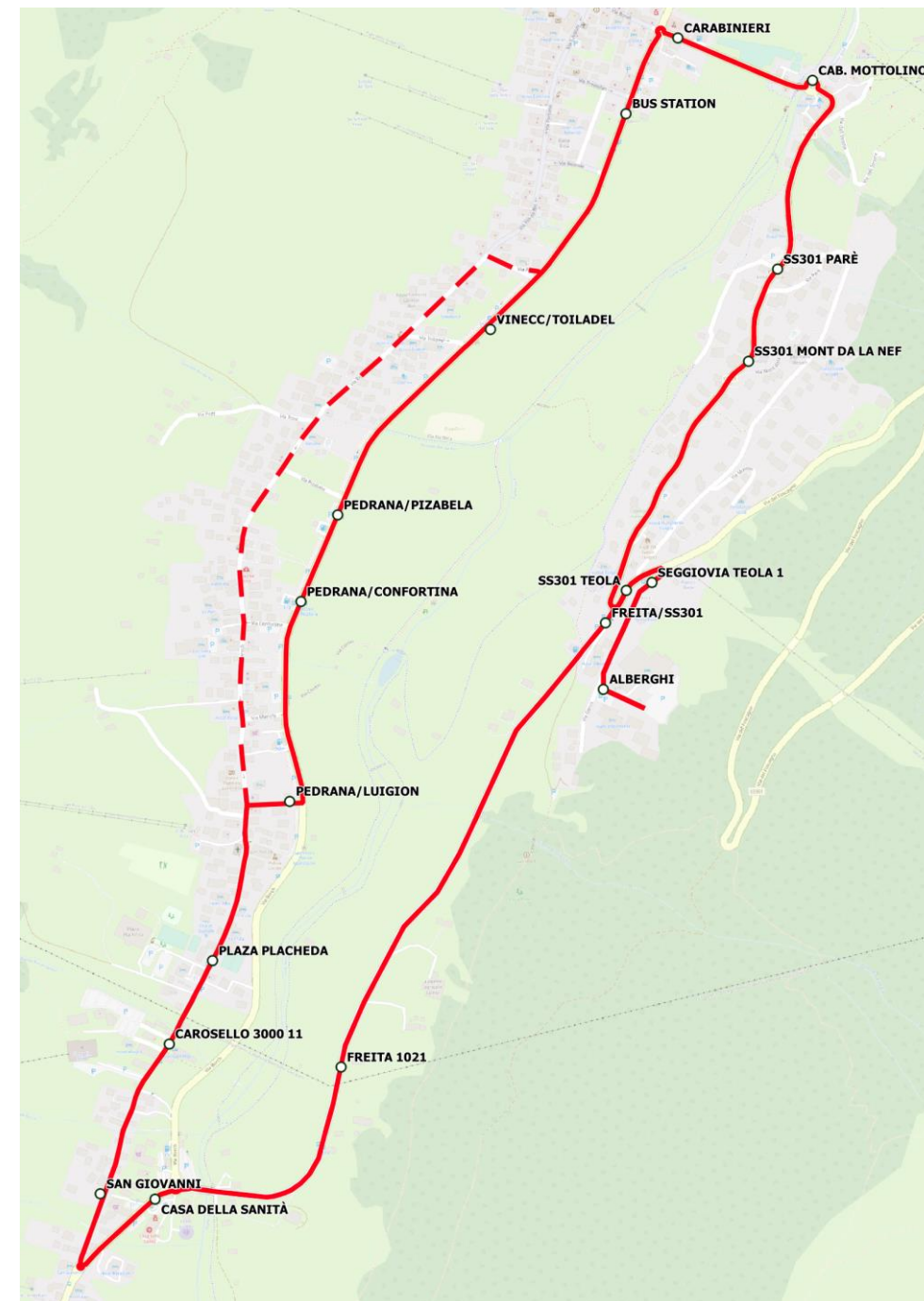


Percorso Estivo

		Dalle 8 alle 19				
		No bassa	No bassa		No bassa	No bassa
CAB. MOTTOLINO 3	07:34	07:49	.04	.19	.34	.49
CARABINIERI	07:35	07:50	.05	.20	.35	.50
BUS STATION	07:36	07:51	.06	.21	.36	.51
VINCECC/TOILADEL	07:37	07:52	.07	.22	.37	.52
PEDRANA/PIZABELA	07:39	07:54	.09	.24	.39	.54
PEDRANA/CONFORTINA	07:41	07:56	.11	.26	.41	.56
PEDRANA/LUIGION	07:43	07:58	.13	.28	.43	.58
PLAZA PLACHEDA	07:44	07:59	.14	.29	.44	.59
CAROSSELLO 3000 11	07:45	08:00	.15	.30	.45	.00
SAN GIOVANNI	07:46	08:01	.16	.31	.46	.01
CASA DELLA SANITÀ	07:47	08:02	.17	.32	.47	.02
FREITA 1021	07:48	08:03	.18	.33	.48	.03
FREITA/SS301	07:49	08:04	.19	.34	.49	.04
SS301 TEOLA	07:50	08:05	.20	.35	.50	.05
SEGGIOVIA TEOLA 1	07:51	08:06	.21	.36	.51	.06
ALBERGHI	07:52	08:07	.22	.37	.52	.07
SEGGIOVIA TEOLA 1	07:53	08:08	.23	.38	.53	.08
SS301 MONT DA LA NEF	07:54	08:09	.24	.39	.54	.09
SS301 PARÈ	07:55	08:10	.25	.40	.55	.10
CAB. MOTTOLINO 3	07:56	08:11	.26	.41	.56	.11

Percorso invernale

		Dalle 8 alle 19				
		No bassa	No bassa		No bassa	No bassa
CAB. MOTTOLINO 3	07:34	07:49	.04	.19	.34	.49
CARABINIERI	07:35	07:50	.05	.20	.35	.50
BUS STATION	07:36	07:51	.06	.21	.36	.51
RIN/FONTANA	07:37	07:52	.07	.22	.37	.52
RIN/TOILADEL	07:38	07:53	.08	.23	.38	.53
SAROCH/RIN	07:39	07:54	.09	.24	.39	.54
DOSS 18	07:40	07:55	.10	.25	.40	.55
CHIESA SAN ROCCO	07:40	07:55	.10	.25	.40	.55
PLAZA PLACHEDA	07:42	07:57	.12	.27	.42	.57
CAROSSELLO 3000 11	07:43	07:58	.13	.28	.43	.58
SAN GIOVANNI	07:44	07:59	.14	.29	.44	.59
CASA DELLA SANITÀ	07:45	08:00	.15	.30	.45	.00
FREITA 1021	07:46	08:01	.16	.31	.46	.01
FREITA/SS301	07:47	08:02	.17	.32	.47	.02
SS301 TEOLA	07:48	08:03	.18	.33	.48	.03
SEGGIOVIA TEOLA 1	07:49	08:04	.19	.34	.49	.04
ALBERGHI	07:50	08:05	.20	.35	.50	.05
SEGGIOVIA TEOLA 1	07:51	08:06	.21	.36	.51	.06
SS301 MONT DA LA NEF	07:52	08:07	.22	.37	.52	.07
SS301 PARÈ	07:53	08:08	.23	.38	.53	.08
CAB. MOTTOLINO 3	07:54	08:09	.24	.39	.54	.09

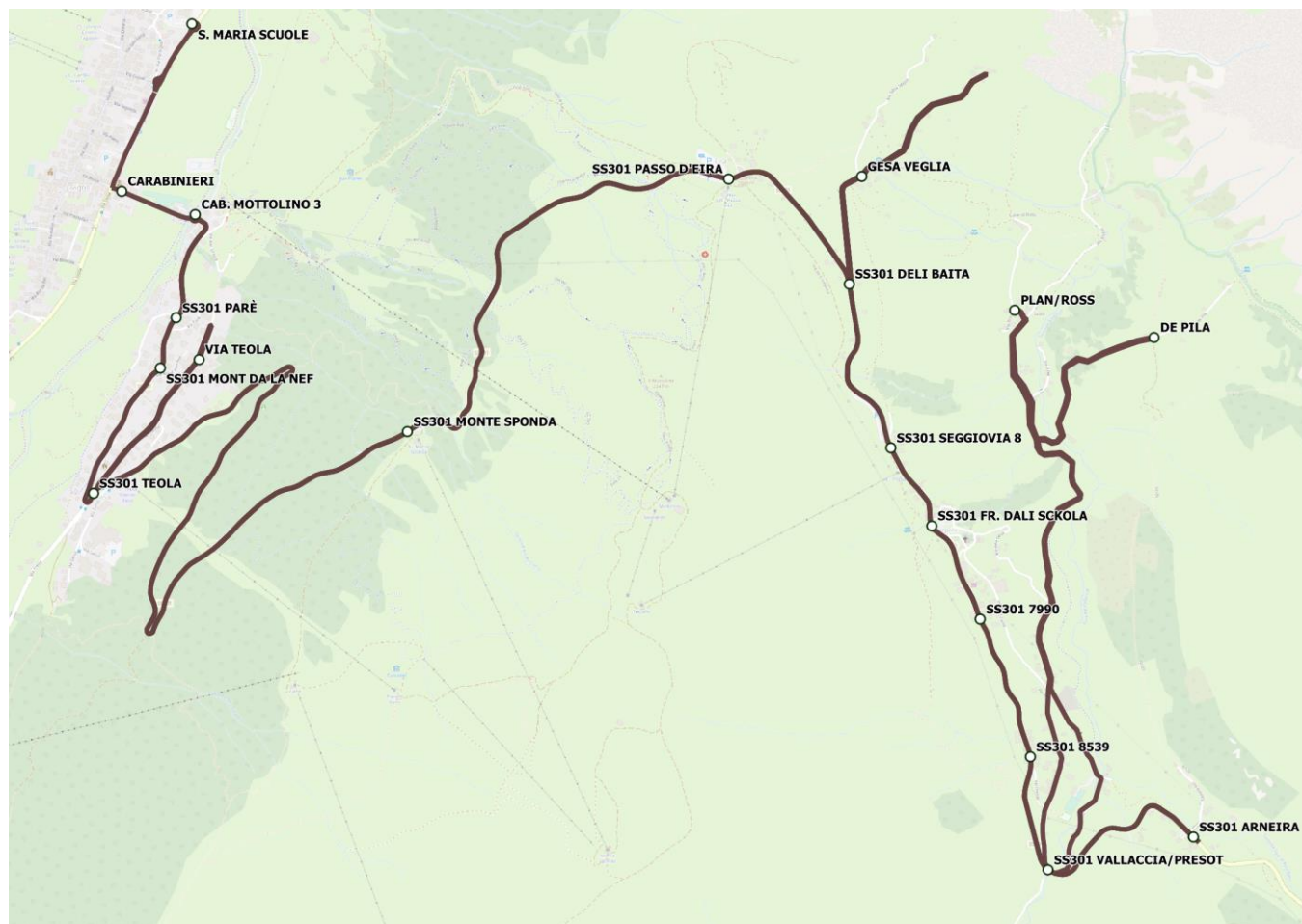


Trepalle - Livigno

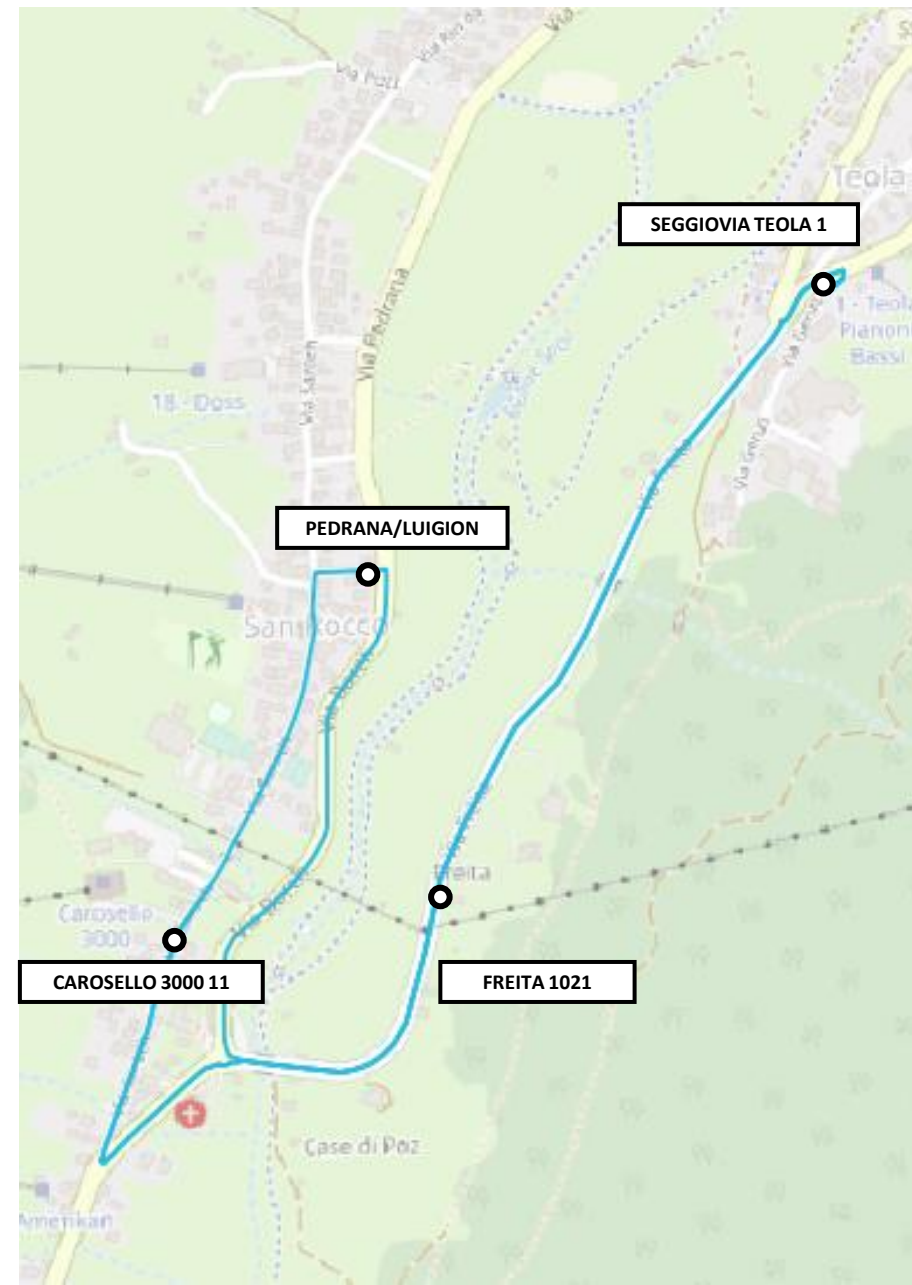
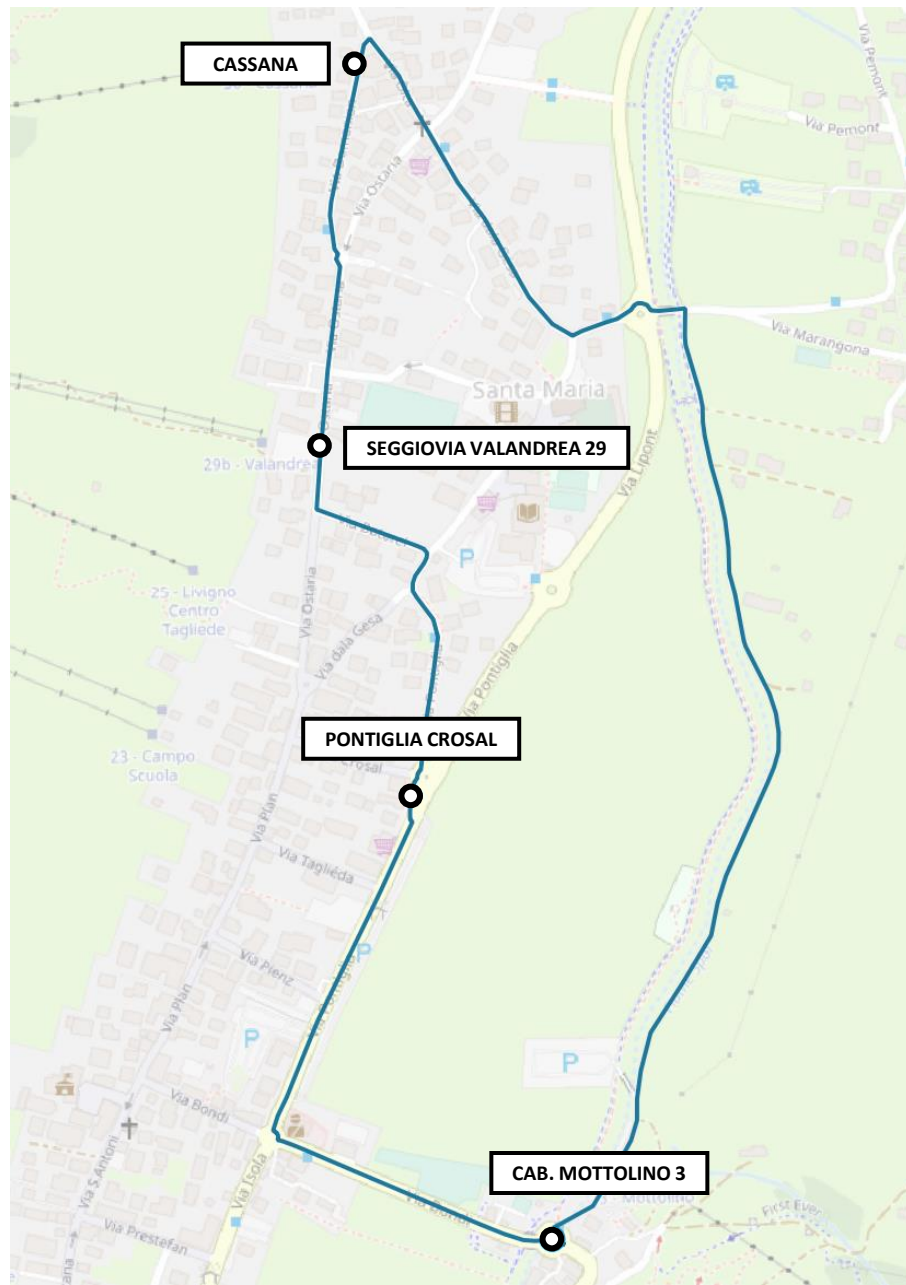
	Corse scolastiche (7, 12)	Corse ore pari (8, 10, 14, 16, 18, 20)	Corse ore dispari (9, 11, 13, 15, 17, 19)
SS301 ARNEIRA	07:16	08:16	09:16
DE PILA	07:23		09:23
PLAN/ROSS	07:25		09:25
VALLACCIA/PRESOT	07:29	08:20	09:29
SS301 8539	07:31	08:22	09:31
SS301 7990	07:32	08:23	09:32
SS301 FR. DALI SCKOLA	07:33	08:24	09:33
SS301 SEGGIOVIA 8	07:34	08:25	09:34
SS301 DELI BAITA	07:35	08:26	09:35
GESA VEGLIA	07:36	08:28	
SS301 PASSO D'EIRA	07:37	08:30	09:36
SS301 MONTE SPONDA	07:39	08:32	09:38
VIA TEOLA	07:39	08:36	
SS301 TEOLA	07:43	08:38	09:42
SS301 MONT DA LA NEF	07:44	08:39	09:43
SS301 PARÈ	07:45	08:40	09:44
CAB. MOTTOLINO 3	07:46	08:41	09:45
CARABINIERI	07:47		
S. MARIA SCUOLE	07:48		

Livigno - Trepalle

	Corse scolastiche (7, 12)	Corse ore pari (8, 10, 14, 16, 18, 20)	Corse ore dispari (9, 11, 13, 15, 17, 19)
S. MARIA SCUOLE	07:55		
CARABINIERI	07:56		
CAB. MOTTOLINO 3	07:57	09:57	08:57
SS301 PARÈ	07:58	09:58	08:58
SS301 MONT DA LA NEF	07:59	09:59	08:59
SS301 TEOLA	08:00	10:00	09:00
VIA TEOLA	08:00	10:02	
SS301 MONTE SPONDA	08:04	10:06	09:04
SS301 PASSO D'EIRA	08:06	10:08	09:06
SS301 DELI BAITA	08:07	10:09	09:07
SS301 SEGGIOVIA 8	08:08	10:10	09:08
SS301 FR. DALI SCKOLA	08:09	10:11	09:09
SS301 7990	08:10	10:12	09:10
SS301 8539	08:11	10:13	09:11
PLAN	08:12	10:14	09:12
VALLACCIA/PRESOT	08:13	10:15	09:13
SS301 ARNEIRA	08:14	10:16	09:14



*Ski Link Nord
e Sud*



50 NET ENGINEERING *years*

