

Station	Elevation (m)	Width (m)
0+00	14.00	14.00
0+10	14.05	14.05
0+20	14.10	14.10
0+30	14.15	14.15
0+40	14.20	14.20
0+50	14.25	14.25
0+60	14.30	14.30
0+70	14.35	14.35
0+80	14.40	14.40
0+90	14.45	14.45
1+00	14.50	14.50
1+10	14.55	14.55
1+20	14.60	14.60
1+30	14.65	14.65
1+40	14.70	14.70
1+50	14.75	14.75
1+60	14.80	14.80
1+70	14.85	14.85
1+80	14.90	14.90
1+90	14.95	14.95
2+00	15.00	15.00

Materiali	Area (m ²)	Volume (m ³)	Vel. Cur. (m ³)
Scaffo	51,77	0,00	0,00
Sevo	132,26	0,00	0,00
Plastero	0,88	0,00	0,00
Fondazione strada	21,57	0,00	0,00
Muro stabilizzante	6,98	0,00	0,00

[illegible]

<i>Material</i>	<i>Area (m²)</i>	<i>Volume (m³)</i>	<i>Vol. Cum. (m³)</i>
Scaldis	15.79	552.71	552.71
Scaes	42.62	2,582.53	2,382.52
Alivets	0.22	10.92	10.92
Fundazione stradale	11.00	399.88	599.88
Misc. stabilizzato	2.75	100.00	100.00

[illegible]

<i>Material</i>	<i>Area (m²)</i>	<i>Volume (m³)</i>	<i>Vol. Com. (m³)</i>
Escalão	6,75	272,81	826,52
Saia	30,47	1126,75	3527,06
Alvenaria	0,19	4,00	14,92
Fundação estrut.	4,10	181,81	581,79
Muro estruturado	1,03	45,45	145,45

[illegible]

<i>Tacheti materialii</i>			
<i>Material</i>	<i>Area (m²)</i>	<i>Volume (m³)</i>	<i>Vol. Curs. (m³)</i>
Scândă	8.63	167.16	993.68
Scări	11.99	806.11	4277.39
Alte materiale	0.25	4.29	19.20
<i>Funcționare șantier</i>	1.86	12.67	654.46
<i>Măști utilități</i>	0.46	18.17	163.62

[illegible]

Tabelle materiali			
Materiale	Area (m ²)	Volume (m ³)	Vol. Quoz. (m ³)
Scalfoia	8,47	188,24	181,82
Scavo	61,62	117,25	5498,64
Rilievo	0,25	6,22	25,43
Condutture sifonate	1,80	45,70	200,17
Misto stabilizzato	0,45	11,43	175,04

[illegible]

Material	Area (m ²)	Volume (m ³)	Vol. Conc. (%)
Scoria	8.98	218.12	1400.04
Soave	75.47	1842.19	7140.83
Aluvato	0.23	6.03	31.45
Condensate sludge	1.80	45.00	745.17
Mud stabilized	0.45	11.25	186.29

Tabelle esistenti			
Materiale	Area (m ²)	Volume (m ³)	Vol. Cur. (m ³)
Scalzo	9,21	227,39	1627,63
Scuo	64,50	1686,84	8227,47
Alveoli	0,24	5,98	51,64
Fundazione absolute	1,18	62,63	857,80
Muro stabilizzante	0,82	15,66	291,95

Year	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100																																																																																																																																																																																																																																															
Population (millions)	7.8	8.0	8.2	8.4	8.6	8.8	9.0	9.2	9.4	9.6	9.8	10.0	10.2	10.4	10.6	10.8	11.0	11.2	11.4	11.6	11.8	12.0	12.2	12.4	12.6	12.8	13.0	13.2	13.4	13.6	13.8	14.0	14.2	14.4	14.6	14.8	15.0	15.2	15.4	15.6	15.8	16.0	16.2	16.4	16.6	16.8	17.0	17.2	17.4	17.6	17.8	18.0	18.2	18.4	18.6	18.8	19.0	19.2	19.4	19.6	19.8	20.0	20.2	20.4	20.6	20.8	21.0	21.2	21.4	21.6	21.8	22.0	22.2	22.4	22.6	22.8	23.0	23.2	23.4	23.6	23.8	24.0	24.2	24.4	24.6	24.8	25.0	25.2	25.4	25.6	25.8	26.0	26.2	26.4	26.6	26.8	27.0	27.2	27.4	27.6	27.8	28.0	28.2	28.4	28.6	28.8	29.0	29.2	29.4	29.6	29.8	30.0	30.2	30.4	30.6	30.8	31.0	31.2	31.4	31.6	31.8	32.0	32.2	32.4	32.6	32.8	33.0	33.2	33.4	33.6	33.8	34.0	34.2	34.4	34.6	34.8	35.0	35.2	35.4	35.6	35.8	36.0	36.2	36.4	36.6	36.8	37.0	37.2	37.4	37.6	37.8	38.0	38.2	38.4	38.6	38.8	39.0	39.2	39.4	39.6	39.8	40.0	40.2	40.4	40.6	40.8	41.0	41.2	41.4	41.6	41.8	42.0	42.2	42.4	42.6	42.8	43.0	43.2	43.4	43.6	43.8	44.0	44.2	44.4	44.6	44.8	45.0	45.2	45.4	45.6	45.8	46.0	46.2	46.4	46.6	46.8	47.0	47.2	47.4	47.6	47.8	48.0	48.2	48.4	48.6	48.8	49.0	49.2	49.4	49.6	49.8	50.0	50.2	50.4	50.6	50.8	51.0	51.2	51.4	51.6	51.8	52.0	52.2	52.4	52.6	52.8	53.0	53.2	53.4	53.6	53.8	54.0	54.2	54.4	54.6	54.8	55.0	55.2	55.4	55.6	55.8	56.0	56.2	56.4	56.6	56.8	57.0	57.2	57.4	57.6	57.8	58.0	58.2	58.4	58.6	58.8	59.0	59.2	59.4	59.6	59.8	60.0	60.2	60.4	60.6	60.8	61.0	61.2	61.4	61.6	61.8	62.0	62.2	62.4	62.6	62.8	63.0	63.2	63.4	63.6	63.8	64.0	64.2	64.4	64.6	64.8	65.0	65.2	65.4	65.6	65.8	66.0	66.2	66.4	66.6	66.8	67.0	67.2	67.4	67.6	67.8	68.0	68.2	68.4	68.6	68.8	69.0	69.2	69.4	69.6	69.8	70.0	70.2	70.4	70.6	70.8	71.0	71.2	71.4	71.6	71.8	72.0	72

Tabelle materiali			
Materiali	Area (m ²)	Volume (m ³)	Vol. Cum. (m ³)
Scalelle	23.60	390.83	2058.26
Scavo	144.84	2549.35	11577.42
Rilevato	0.22	5.86	41.83
Fondazione stradale	16.35	224.67	1032.47
Muro stabilizzante	4.09	56.17	258.12

The diagram illustrates a cross-section of a road with a 1:20 slope on the left and a 1:50 slope on the right. The road surface has a 1.00% grade, the shoulder has a 1.00% grade, and the gutter has a 1.00% grade. The road width is 12.00m, and the shoulder width is 3.00m. The total width is 15.00m. The diagram is labeled with '1:20' and '1:50' indicating the slopes.

<i>Materiale</i>	<i>Area (m²)</i>	<i>Volume (m³)</i>	<i>Vol. Com. (m³)</i>
Scalino	26.79	623.07	2941.33
Scavi	68.27	2603.85	13981.26
Rilevati	2.22	26.24	69.54
Fondazione stradale	20.40	458.41	1493.89
Muro stabilizzante	5.10	114.60	572.72

	1.09	1.08	1.76	1.75	1.74	1.73	1.72	1.71	1.70	1.69	1.68	1.67	1.66	1.65	1.64	1.63	1.62	1.61	1.60	1.59	1.58	1.57	1.56	1.55	1.54	1.53	1.52	1.51	1.50	1.49	1.48	1.47	1.46	1.45	1.44	1.43	1.42	1.41	1.40	1.39	1.38	1.37	1.36	1.35	1.34	1.33	1.32	1.31	1.30	1.29	1.28	1.27	1.26	1.25	1.24	1.23	1.22	1.21	1.20	1.19	1.18	1.17	1.16	1.15	1.14	1.13	1.12	1.11	1.10	1.09	1.08	1.07	1.06	1.05	1.04	1.03	1.02	1.01	1.00	0.99	0.98	0.97	0.96	0.95	0.94	0.93	0.92	0.91	0.90	0.89	0.88	0.87	0.86	0.85	0.84	0.83	0.82	0.81	0.80	0.79	0.78	0.77	0.76	0.75	0.74	0.73	0.72	0.71	0.70	0.69	0.68	0.67	0.66	0.65	0.64	0.63	0.62	0.61	0.60	0.59	0.58	0.57	0.56	0.55	0.54	0.53	0.52	0.51	0.50	0.49	0.48	0.47	0.46	0.45	0.44	0.43	0.42	0.41	0.40	0.39	0.38	0.37	0.36	0.35	0.34	0.33	0.32	0.31	0.30	0.29	0.28	0.27	0.26	0.25	0.24	0.23	0.22	0.21	0.20	0.19	0.18	0.17	0.16	0.15	0.14	0.13	0.12	0.11	0.10	0.09	0.08	0.07	0.06	0.05	0.04	0.03	0.02	0.01	0.00	-0.01	-0.02	-0.03	-0.04	-0.05	-0.06	-0.07	-0.08	-0.09	-0.10	-0.11	-0.12	-0.13	-0.14	-0.15	-0.16	-0.17	-0.18	-0.19	-0.20	-0.21	-0.22	-0.23	-0.24	-0.25	-0.26	-0.27	-0.28	-0.29	-0.30	-0.31	-0.32	-0.33	-0.34	-0.35	-0.36	-0.37	-0.38	-0.39	-0.40	-0.41	-0.42	-0.43	-0.44	-0.45	-0.46	-0.47	-0.48	-0.49	-0.50	-0.51	-0.52	-0.53	-0.54	-0.55	-0.56	-0.57	-0.58	-0.59	-0.60	-0.61	-0.62	-0.63	-0.64	-0.65	-0.66	-0.67	-0.68	-0.69	-0.70	-0.71	-0.72	-0.73	-0.74	-0.75	-0.76	-0.77	-0.78	-0.79	-0.80	-0.81	-0.82	-0.83	-0.84	-0.85	-0.86	-0.87	-0.88	-0.89	-0.90	-0.91	-0.92	-0.93	-0.94	-0.95	-0.96	-0.97	-0.98	-0.99	-1.00	-1.01	-1.02	-1.03	-1.04	-1.05	-1.06	-1.07	-1.08	-1.09	-1.10	-1.11	-1.12	-1.13	-1.14	-1.15	-1.16	-1.17	-1.18	-1.19	-1.20	-1.21	-1.22	-1.23	-1.24	-1.25	-1.26	-1.27	-1.28	-1.29	-1.30	-1.31	-1.32	-1.33	-1.34	-1.35	-1.36	-1.37	-1.38	-1.39	-1.40	-1.41	-1.42	-1.43	-1.44	-1.45	-1.46	-1.47	-1.48	-1.49	-1.50	-1.51	-1.52	-1.53	-1.54	-1.55	-1.56	-1.57	-1.58	-1.59	-1.60	-1.61	-1.62	-1.63	-1.64	-1.65	-1.66	-1.67	-1.68	-1.69	-1.70	-1.71	-1.72	-1.73	-1.74	-1.75	-1.76	-1.77	-1.78	-1.79	-1.80	-1.81	-1.82	-1.83	-1.84	-1.85	-1.86	-1.87	-1.88	-1.89	-1.90	-1.91	-1.92	-1.93	-1.94	-1.95	-1.96	-1.97	-1.98	-1.99	-2.00	-2.01	-2.02	-2.03	-2.04	-2.05	-2.06	-2.07	-2.08	-2.09	-2.10	-2.11	-2.12	-2.13	-2.14	-2.15	-2.16	-2.17	-2.18	-2.19	-2.20	-2.21	-2.22	-2.23	-2.24	-2.25	-2.26	-2.27	-2.28	-2.29	-2.30	-2.31	-2.32	-2.33	-2.34	-2.35	-2.36	-2.37	-2.38	-2.39	-2.40	-2.41	-2.42	-2.43	-2.44	-2.45	-2.46	-2.47	-2.48	-2.49	-2.50	-2.51	-2.52	-2.53	-2.54	-2.55	-2.56	-2.57	-2.58	-2.59	-2.60	-2.61	-2.62	-2.63	-2.64	-2.65	-2.66	-2.67	-2.68	-2.69	-2.70	-2.71	-2.72	-2.73	-2.74	-2
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Tabelle materiali			
Materiali	Area (m ²)	Volume (m ³)	Vol. Cost. (m ³)
Scalfo	28.08	695.51	3336.84
Scavo	25.15	1123.35	15194.61
Rivesto	26.82	306.31	375.65
Fondazione strada	20.43	510.00	2000.89
Mater. plastificata	5.10	127.50	500.22

Figure 10 shows a 3D surface plot of the function $f(x, y, z)$ over the domain $[0, 1] \times [0, 1] \times [0, 1]$. The surface is colored according to the function value, with a scale from 0.00 (blue) to 1.00 (red). The plot indicates that the function value is generally low (near 0.00) for most of the domain, but increases significantly as x and y approach 1, reaching a maximum value of 1.00 at the corner $(1, 1, 1)$. The surface is relatively flat for z values between 0.00 and 0.50, and then rises sharply as z approaches 1.00.

Materiali	Area (m ²)	Volume (m ³)	Vol. Cmc (m ³)
Scalfo	1.54	492.97	389.01
Scavo	6.08	345.65	15450.26
Rilevato	7.24	380.51	756.38
Fundazione stradale	9.46	146.83	2347.71
Melo stabilizzante	2.36	66.71	566.93

[illegible]