

COMMITTENTE:



ALTA SORVEGLIANZA:



GENERAL CONTRACTOR:



INFRASTRUTTURE FERROVIARIE STRATEGICHE DEFINITE DALLA  
LEGGE OBIETTIVO N. 443/01

LINEA A.V. /A.C. TORINO-VENEZIA Tratta VERONA-PADOVA  
Lotto funzionale Verona-Bivio Vicenza

PROGETTO ESECUTIVO

RILEVATI

RILEVATO FERROVIARIO DA PK 28+175,00 A PK 28+450,00

GENERALE

TABULATI MOVIMENTI TERRA



GENERAL CONTRACTOR

DIRETTORE LAVORI

SCALA :

IL PROGETTISTA INTEGRATORE Ing. Giovanni MALAVENDA Ordine degli ingegneri di Mantova n. 4289 Data: 28 luglio 2021	Consorzio Iricav Due ing. Paolo CARI Data: Luglio 2021	Data:	-
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COMMESSA	LOTTO	FASE	ENTE	TIPO DOC.	OPERA/DISCIPLINA	PROGR.	REV.	FOGLIO
IN17	12	E	I2	TT	R14600	001	A	DI

	VISTO CONSORZIO IRICAV DUE	
	Firma	Data
	ing. Luca RANDOLFI	Luglio 2021

Progettazione :

Rev.	Descrizione	Redatto	Data	Verificato	Data	Approvato	Data
A	EMISSIONE	Ghelma	Luglio 2021	Gardani	Luglio 2021	Galvanin	Luglio 2021
B							
C							



CIG. 8377957CD1	CUP: J41E9100000009	File: IN1712E12TRI4600001A.DWG
Progetto cofinanziato dalla Unione Europea		Cod. origine: CODICE

ASSE: AV BP

COMPUTO DELLE QUANTITA'

Pagina: 1 / 17

WBS: RI46 (Rilevato ferroviario da pk 28+175,00 a pk 28+450,00 - L=275,00 m)

ANTICAPILLARE (ANTICAPILLARE)

Sezione	Distanza progressiva	Area	Area Media	Distanza parziale	Volume	Raggio	Distanza baricentro	Fattore K	Fattore K medio	Volume	
										Parziale	Totale
RI46-1	28+175,00	1,28 m <sup>2</sup>	1,46 m <sup>2</sup>	25,000	36,42 m <sup>3</sup>	20000,000	-1,286	1,0000643	1,0000727	36,42 m <sup>3</sup>	36,42 m <sup>3</sup>
Sx	28+200,00	1,63 m <sup>2</sup>									
RI46-1	28+175,00	4,80 m <sup>2</sup>	4,77 m <sup>2</sup>	25,000	119,17 m <sup>3</sup>	20000,000	4,802	0,9997599	0,9997617	119,14 m <sup>3</sup>	155,56 m <sup>3</sup>
Dx	28+200,00	4,73 m <sup>2</sup>									
RI46-2	28+200,00	1,63 m <sup>2</sup>	1,72 m <sup>2</sup>	25,000	43,10 m <sup>3</sup>	20000,000	-1,621	1,0000811	1,0000859	43,10 m <sup>3</sup>	198,66 m <sup>3</sup>
Sx	28+225,00	1,82 m <sup>2</sup>									
RI46-2	28+200,00	4,73 m <sup>2</sup>	4,82 m <sup>2</sup>	25,000	120,38 m <sup>3</sup>	20000,000	4,731	0,9997635	0,9997593	120,35 m <sup>3</sup>	319,01 m <sup>3</sup>
Dx	28+225,00	4,90 m <sup>2</sup>									
RI46-3	28+225,00	1,82 m <sup>2</sup>	1,72 m <sup>2</sup>	27,503	47,41 m <sup>3</sup>	20000,000	-1,815	1,0000908	1,0000864	47,41 m <sup>3</sup>	366,42 m <sup>3</sup>
Sx	28+252,50	1,63 m <sup>2</sup>									
RI46-3	28+225,00	4,90 m <sup>2</sup>	4,97 m <sup>2</sup>	27,503	136,70 m <sup>3</sup>	20000,000	4,896	0,9997552	0,9997513	136,67 m <sup>3</sup>	503,09 m <sup>3</sup>
Dx	28+252,50	5,04 m <sup>2</sup>									
RI46-4	28+252,50	1,63 m <sup>2</sup>	1,42 m <sup>2</sup>	30,000	42,70 m <sup>3</sup>	20000,000	-1,640	1,0000820	1,0000410	42,70 m <sup>3</sup>	545,79 m <sup>3</sup>
Sx	28+282,50	1,22 m <sup>2</sup>									
RI46-4	28+252,50	5,04 m <sup>2</sup>	5,04 m <sup>2</sup>	30,000	151,21 m <sup>3</sup>	20000,000	5,051	0,9997475	0,9998738	151,19 m <sup>3</sup>	696,98 m <sup>3</sup>
Dx	28+282,50	5,04 m <sup>2</sup>									
RI46-5	28+282,50	5,04 m <sup>2</sup>	6,25 m <sup>2</sup>	17,497	109,35 m <sup>3</sup>	0,000	-1,214	1,0000000	1,0000000	109,35 m <sup>3</sup>	806,33 m <sup>3</sup>
RI46-5	28+282,50	6,25 m <sup>2</sup>									
RI46-6	28+300,00	6,25 m <sup>2</sup>	6,32 m <sup>2</sup>	25,000	157,95 m <sup>3</sup>	0,000	-1,207	1,0000000	1,0000000	157,95 m <sup>3</sup>	964,28 m <sup>3</sup>
RI46-6	28+300,00	6,25 m <sup>2</sup>									
RI46-7	28+325,00	6,39 m <sup>2</sup>	6,38 m <sup>2</sup>	25,000	159,43 m <sup>3</sup>	0,000	-1,454	1,0000000	1,0000000	159,43 m <sup>3</sup>	1123,71 m <sup>3</sup>
RI46-7	28+325,00	6,39 m <sup>2</sup>									
RI46-8	28+350,00	6,36 m <sup>2</sup>				0,000	-1,244	1,0000000			

ASSE: AV BP

COMPUTO DELLE QUANTITA'

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WBS: RI46 (Rilevato ferroviario da pk 28+175,00 a pk 28+450,00 - L=275,00 m)

ANTICAPILLARE (ANTICAPILLARE)

Sezione	Distanza progressiva	Area	Area Media	Distanza parziale	Volume	Raggio	Distanza baricentro	Fattore K	Fattore K medio	Volume	
										Parziale	Totale
RI46-8	28+350,00	6,36 m <sup>2</sup>	6,31 m <sup>2</sup>	25,000	157,63 m <sup>3</sup>	0,000	-1,244	1,0000000	1,0000000	157,63 m <sup>3</sup>	1281,34 m <sup>3</sup>
RI46-9	28+375,00	6,25 m <sup>2</sup>	6,23 m <sup>2</sup>	25,000	155,74 m <sup>3</sup>	0,000	-0,865	1,0000000	1,0000000	155,74 m <sup>3</sup>	1437,08 m <sup>3</sup>
RI46-10	28+400,00	6,21 m <sup>2</sup>	6,20 m <sup>2</sup>	25,000	154,90 m <sup>3</sup>	0,000	-0,905	1,0000000	1,0000000	154,90 m <sup>3</sup>	1591,98 m <sup>3</sup>
RI46-11	28+425,00	6,18 m <sup>2</sup>	3,09 m <sup>2</sup>	25,000	77,24 m <sup>3</sup>	0,000	-0,980	1,0000000	1,0000000	77,24 m <sup>3</sup>	1669,22 m <sup>3</sup>
RI46-12	28+450,00	0,00 m <sup>2</sup>				0,000	0,000	1,0000000			

ASSE: AV BP

COMPUTO DELLE QUANTITA'

Pagina: 3 / 17

WBS: RI46 (Rilevato ferroviario da pk 28+175,00 a pk 28+450,00 - L=275,00 m)

SUPERCOMPATTATO=ANTIGERMINAN

Sezione	Distanza progressiva	Sviluppo	Sviluppo Media	Distanza parziale	Area	Raggio	Distanza baricentro	Fattore K	Fattore K medio	Area	
										Parziale	Totale
RI46-1	28+175,00	12,41 m	12,41 m	25,000	310,14 m <sup>2</sup>	20000,000	-1,900	1,0000950	1,0000950	310,17 m <sup>2</sup>	310,17 m <sup>2</sup>
RI46-2	28+200,00	12,41 m	12,41 m	25,000	310,14 m <sup>2</sup>	20000,000	-1,900	1,0000950	1,0000950	310,17 m <sup>2</sup>	620,34 m <sup>2</sup>
RI46-3	28+225,00	12,41 m	12,41 m	27,503	341,19 m <sup>2</sup>	20000,000	-1,900	1,0000950	1,0000950	341,22 m <sup>2</sup>	961,56 m <sup>2</sup>
RI46-4	28+252,50	12,41 m	12,41 m	30,000	372,17 m <sup>2</sup>	20000,000	-1,900	1,0000950	1,0000475	372,19 m <sup>2</sup>	1333,75 m <sup>2</sup>
RI46-5	28+282,50	12,41 m	12,41 m	17,497	217,06 m <sup>2</sup>	0,000	-1,900	1,0000000	1,0000000	217,06 m <sup>2</sup>	1550,81 m <sup>2</sup>
RI46-6	28+300,00	12,41 m	12,41 m	25,000	310,14 m <sup>2</sup>	0,000	-1,900	1,0000000	1,0000000	310,14 m <sup>2</sup>	1860,95 m <sup>2</sup>
RI46-7	28+325,00	12,41 m	12,75 m	25,000	318,64 m <sup>2</sup>	0,000	-1,900	1,0000000	1,0000000	318,64 m <sup>2</sup>	2179,59 m <sup>2</sup>
RI46-8	28+350,00	13,09 m	13,09 m	25,000	327,14 m <sup>2</sup>	0,000	-1,560	1,0000000	1,0000000	327,14 m <sup>2</sup>	2506,73 m <sup>2</sup>
RI46-9	28+375,00	13,09 m	13,09 m	25,000	327,14 m <sup>2</sup>	0,000	-1,560	1,0000000	1,0000000	327,14 m <sup>2</sup>	2833,87 m <sup>2</sup>
RI46-10	28+400,00	13,09 m	13,09 m	25,000	327,14 m <sup>2</sup>	0,000	-1,560	1,0000000	1,0000000	327,14 m <sup>2</sup>	3161,01 m <sup>2</sup>
RI46-11	28+425,00	13,09 m	6,54 m	25,000	163,57 m <sup>2</sup>	0,000	-1,560	1,0000000	1,0000000	163,57 m <sup>2</sup>	3324,58 m <sup>2</sup>
RI46-12	28+450,00	0,00 m				0,000	0,000	1,0000000			

ASSE: AV BP

COMPUTO DELLE QUANTITA'

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WBS: RI46 (Rilevato ferroviario da pk 28+175,00 a pk 28+450,00 - L=275,00 m)

BALLAST (BALLAST)

Sezione	Distanza progressiva	Area	Area Media	Distanza parziale	Volume	Raggio	Distanza baricentro	Fattore K	Fattore K medio	Volume	
										Parziale	Totale
RI46-1	28+175,00	4,07 m <sup>2</sup>				20000,000	-3,598	1,0001799			
Sx			4,07 m <sup>2</sup>	25,000	101,74 m <sup>3</sup>				1,0001799	101,76 m <sup>3</sup>	101,76 m <sup>3</sup>
RI46-2	28+200,00	4,07 m <sup>2</sup>				20000,000	-3,598	1,0001799			
RI46-1	28+175,00	1,50 m <sup>2</sup>				20000,000	1,258	0,9999371			
Dx			1,50 m <sup>2</sup>	25,000	37,53 m <sup>3</sup>				0,9999371	37,53 m <sup>3</sup>	139,29 m <sup>3</sup>
RI46-2	28+200,00	1,50 m <sup>2</sup>				20000,000	1,258	0,9999371			
RI46-2	28+200,00	4,07 m <sup>2</sup>				20000,000	-3,598	1,0001799			
Sx			4,07 m <sup>2</sup>	25,000	101,74 m <sup>3</sup>				1,0001799	101,76 m <sup>3</sup>	241,05 m <sup>3</sup>
RI46-3	28+225,00	4,07 m <sup>2</sup>				20000,000	-3,598	1,0001799			
RI46-2	28+200,00	1,50 m <sup>2</sup>				20000,000	1,258	0,9999371			
Dx			1,50 m <sup>2</sup>	25,000	37,53 m <sup>3</sup>				0,9999371	37,53 m <sup>3</sup>	278,58 m <sup>3</sup>
RI46-3	28+225,00	1,50 m <sup>2</sup>				20000,000	1,258	0,9999371			
RI46-3	28+225,00	4,07 m <sup>2</sup>				20000,000	-3,598	1,0001799			
Sx			4,07 m <sup>2</sup>	27,503	111,93 m <sup>3</sup>				1,0001799	111,95 m <sup>3</sup>	390,53 m <sup>3</sup>
RI46-4	28+252,50	4,07 m <sup>2</sup>				20000,000	-3,598	1,0001799			
RI46-3	28+225,00	1,50 m <sup>2</sup>				20000,000	1,258	0,9999371			
Dx			1,50 m <sup>2</sup>	27,503	41,29 m <sup>3</sup>				0,9999371	41,29 m <sup>3</sup>	431,82 m <sup>3</sup>
RI46-4	28+252,50	1,50 m <sup>2</sup>				20000,000	1,258	0,9999371			
RI46-4	28+252,50	4,07 m <sup>2</sup>				20000,000	-3,598	1,0001799			
Sx			4,00 m <sup>2</sup>	30,000	119,96 m <sup>3</sup>				1,0000900	119,97 m <sup>3</sup>	551,79 m <sup>3</sup>
RI46-5	28+282,50	3,93 m <sup>2</sup>				0,000	-3,602	1,0000000			
RI46-4	28+252,50	1,50 m <sup>2</sup>				20000,000	1,258	0,9999371			
Dx			1,51 m <sup>2</sup>	30,000	45,21 m <sup>3</sup>				0,9999686	45,21 m <sup>3</sup>	597,00 m <sup>3</sup>
RI46-5	28+282,50	1,51 m <sup>2</sup>				0,000	1,260	1,0000000			
RI46-5	28+282,50	5,44 m <sup>2</sup>				0,000	-3,602	1,0000000			
			5,44 m <sup>2</sup>	17,497	95,20 m <sup>3</sup>				1,0000000	95,20 m <sup>3</sup>	692,20 m <sup>3</sup>
RI46-6	28+300,00	5,44 m <sup>2</sup>				0,000	-3,602	1,0000000			
RI46-6	28+300,00	5,44 m <sup>2</sup>				0,000	-3,602	1,0000000			
			5,44 m <sup>2</sup>	25,000	136,02 m <sup>3</sup>				1,0000000	136,02 m <sup>3</sup>	828,22 m <sup>3</sup>
RI46-7	28+325,00	5,44 m <sup>2</sup>				0,000	-3,602	1,0000000			
RI46-7	28+325,00	5,44 m <sup>2</sup>				0,000	-3,602	1,0000000			
			5,44 m <sup>2</sup>	25,000	136,02 m <sup>3</sup>				1,0000000	136,02 m <sup>3</sup>	964,24 m <sup>3</sup>
RI46-8	28+350,00	5,44 m <sup>2</sup>				0,000	-3,602	1,0000000			

ASSE: AV BP

COMPUTO DELLE QUANTITA'

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WBS: RI46 (Rilevato ferroviario da pk 28+175,00 a pk 28+450,00 - L=275,00 m)

BALLAST (BALLAST)

Sezione	Distanza progressiva	Area	Area Media	Distanza parziale	Volume	Raggio	Distanza baricentro	Fattore K	Fattore K medio	Volume	
										Parziale	Totale
RI46-8	28+350,00	5,44 m <sup>2</sup>	5,44 m <sup>2</sup>	25,000	136,02 m <sup>3</sup>	0,000	-3,602	1,0000000	1,0000000	136,02 m <sup>3</sup>	1100,26 m <sup>3</sup>
RI46-9	28+375,00	5,44 m <sup>2</sup>	5,44 m <sup>2</sup>	25,000	136,02 m <sup>3</sup>	0,000	-3,602	1,0000000	1,0000000	136,02 m <sup>3</sup>	1236,28 m <sup>3</sup>
RI46-9	28+375,00	5,44 m <sup>2</sup>	5,44 m <sup>2</sup>	25,000	136,02 m <sup>3</sup>	0,000	-3,602	1,0000000	1,0000000	136,02 m <sup>3</sup>	1372,30 m <sup>3</sup>
RI46-10	28+400,00	5,44 m <sup>2</sup>	5,44 m <sup>2</sup>	25,000	136,02 m <sup>3</sup>	0,000	-3,602	1,0000000	1,0000000	136,02 m <sup>3</sup>	1440,31 m <sup>3</sup>
RI46-10	28+400,00	5,44 m <sup>2</sup>	5,44 m <sup>2</sup>	25,000	136,02 m <sup>3</sup>	0,000	-3,602	1,0000000	1,0000000	136,02 m <sup>3</sup>	1440,31 m <sup>3</sup>
RI46-11	28+425,00	5,44 m <sup>2</sup>	5,44 m <sup>2</sup>	25,000	136,02 m <sup>3</sup>	0,000	-3,602	1,0000000	1,0000000	136,02 m <sup>3</sup>	1440,31 m <sup>3</sup>
RI46-11	28+425,00	5,44 m <sup>2</sup>	2,72 m <sup>2</sup>	25,000	68,01 m <sup>3</sup>	0,000	-3,602	1,0000000	1,0000000	68,01 m <sup>3</sup>	1440,31 m <sup>3</sup>
RI46-12	28+450,00	0,00 m <sup>2</sup>	0,00 m <sup>2</sup>	25,000	0,00 m <sup>3</sup>	0,000	0,000	1,0000000	1,0000000	0,00 m <sup>3</sup>	1440,31 m <sup>3</sup>

ASSE: AV BP

COMPUTO DELLE QUANTITA'

Pagina: 6 / 17

WBS: RI46 (Rilevato ferroviario da pk 28+175,00 a pk 28+450,00 - L=275,00 m)

BONIFICA (BON)

Sezione	Distanza progressiva	Sviluppo	Sviluppo Media	Distanza parziale	Area	Raggio	Distanza baricentro	Fattore K	Fattore K medio	Area	
										Parziale	Totale
RI46-1	28+175,00	13,07 m	13,49 m	25,000	337,28 m <sup>2</sup>	20000,000	3,576	0,9998212	0,9998321	337,22 m <sup>2</sup>	337,22 m <sup>2</sup>
RI46-2	28+200,00	13,91 m	14,24 m	25,000	355,89 m <sup>2</sup>	20000,000	3,142	0,9998429	0,9998441	355,83 m <sup>2</sup>	693,05 m <sup>2</sup>
RI46-3	28+225,00	14,56 m	14,48 m	27,503	398,33 m <sup>2</sup>	20000,000	3,095	0,9998452	0,9998367	398,26 m <sup>2</sup>	1091,31 m <sup>2</sup>
RI46-4	28+252,50	14,41 m	14,00 m	30,000	420,01 m <sup>2</sup>	20000,000	3,436	0,9998282	0,9999141	419,97 m <sup>2</sup>	1511,28 m <sup>2</sup>
RI46-5	28+282,50	13,59 m	13,60 m	17,497	237,98 m <sup>2</sup>	0,000	3,839	1,0000000	1,0000000	237,98 m <sup>2</sup>	1749,26 m <sup>2</sup>
RI46-6	28+300,00	13,61 m	13,85 m	25,000	346,18 m <sup>2</sup>	0,000	3,849	1,0000000	1,0000000	346,18 m <sup>2</sup>	2095,44 m <sup>2</sup>
RI46-7	28+325,00	14,09 m	13,99 m	25,000	349,76 m <sup>2</sup>	0,000	3,535	1,0000000	1,0000000	349,76 m <sup>2</sup>	2445,20 m <sup>2</sup>
RI46-8	28+350,00	13,89 m	13,69 m	25,000	342,16 m <sup>2</sup>	0,000	3,923	1,0000000	1,0000000	342,16 m <sup>2</sup>	2787,36 m <sup>2</sup>
RI46-9	28+375,00	13,48 m	13,51 m	25,000	337,78 m <sup>2</sup>	0,000	4,571	1,0000000	1,0000000	337,78 m <sup>2</sup>	3125,14 m <sup>2</sup>
RI46-10	28+400,00	13,54 m	13,61 m	25,000	340,35 m <sup>2</sup>	0,000	4,439	1,0000000	1,0000000	340,35 m <sup>2</sup>	3465,49 m <sup>2</sup>
RI46-11	28+425,00	13,68 m	6,84 m	25,000	171,05 m <sup>2</sup>	0,000	4,306	1,0000000	1,0000000	171,05 m <sup>2</sup>	3636,54 m <sup>2</sup>
RI46-12	28+450,00	0,00 m				0,000	0,000	1,0000000			

ASSE: AV BP

COMPUTO DELLE QUANTITA'

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WBS: RI46 (Rilevato ferroviario da pk 28+175,00 a pk 28+450,00 - L=275,00 m)

GEOTESSILE (GEOTESSILE)

Sezione	Distanza progressiva	Sviluppo	Sviluppo Media	Distanza parziale	Area	Raggio	Distanza baricentro	Fattore K	Fattore K medio	Area	
										Parziale	Totale
RI46-1	28+175,00	25,81 m	26,37 m	25,000	659,33 m <sup>2</sup>	20000,000	3,716	0,9998142	0,9998245	659,21 m <sup>2</sup>	659,21 m <sup>2</sup>
RI46-2	28+200,00	26,94 m	27,64 m	25,000	690,92 m <sup>2</sup>	20000,000	3,303	0,9998348	0,9998355	690,81 m <sup>2</sup>	1350,02 m <sup>2</sup>
RI46-2	28+200,00	26,94 m	27,64 m	25,000	690,92 m <sup>2</sup>	20000,000	3,303	0,9998348	0,9998355	690,81 m <sup>2</sup>	1350,02 m <sup>2</sup>
RI46-3	28+225,00	28,34 m	28,26 m	27,503	777,15 m <sup>2</sup>	20000,000	3,279	0,9998361	0,9998277	777,02 m <sup>2</sup>	2127,04 m <sup>2</sup>
RI46-3	28+225,00	28,34 m	28,26 m	27,503	777,15 m <sup>2</sup>	20000,000	3,279	0,9998361	0,9998277	777,02 m <sup>2</sup>	2127,04 m <sup>2</sup>
RI46-4	28+252,50	28,18 m	27,33 m	30,000	820,03 m <sup>2</sup>	20000,000	3,614	0,9998193	0,9999097	819,96 m <sup>2</sup>	2947,00 m <sup>2</sup>
RI46-4	28+252,50	28,18 m	27,33 m	30,000	820,03 m <sup>2</sup>	20000,000	3,614	0,9998193	0,9999097	819,96 m <sup>2</sup>	2947,00 m <sup>2</sup>
RI46-5	28+282,50	26,49 m	26,48 m	17,497	463,27 m <sup>2</sup>	0,000	4,019	1,0000000	1,0000000	463,27 m <sup>2</sup>	3410,27 m <sup>2</sup>
RI46-5	28+282,50	26,49 m	26,48 m	17,497	463,27 m <sup>2</sup>	0,000	4,019	1,0000000	1,0000000	463,27 m <sup>2</sup>	3410,27 m <sup>2</sup>
RI46-6	28+300,00	26,46 m	26,75 m	25,000	668,79 m <sup>2</sup>	0,000	4,018	1,0000000	1,0000000	668,79 m <sup>2</sup>	4079,06 m <sup>2</sup>
RI46-6	28+300,00	26,46 m	26,75 m	25,000	668,79 m <sup>2</sup>	0,000	4,018	1,0000000	1,0000000	668,79 m <sup>2</sup>	4079,06 m <sup>2</sup>
RI46-7	28+325,00	27,04 m	26,99 m	25,000	674,69 m <sup>2</sup>	0,000	3,695	1,0000000	1,0000000	674,69 m <sup>2</sup>	4753,75 m <sup>2</sup>
RI46-7	28+325,00	27,04 m	26,99 m	25,000	674,69 m <sup>2</sup>	0,000	3,695	1,0000000	1,0000000	674,69 m <sup>2</sup>	4753,75 m <sup>2</sup>
RI46-8	28+350,00	26,94 m	26,70 m	25,000	667,51 m <sup>2</sup>	0,000	4,080	1,0000000	1,0000000	667,51 m <sup>2</sup>	5421,26 m <sup>2</sup>
RI46-8	28+350,00	26,94 m	26,70 m	25,000	667,51 m <sup>2</sup>	0,000	4,080	1,0000000	1,0000000	667,51 m <sup>2</sup>	5421,26 m <sup>2</sup>
RI46-9	28+375,00	26,47 m	26,40 m	25,000	659,90 m <sup>2</sup>	0,000	4,721	1,0000000	1,0000000	659,90 m <sup>2</sup>	6081,16 m <sup>2</sup>
RI46-9	28+375,00	26,47 m	26,40 m	25,000	659,90 m <sup>2</sup>	0,000	4,721	1,0000000	1,0000000	659,90 m <sup>2</sup>	6081,16 m <sup>2</sup>
RI46-10	28+400,00	26,33 m	26,26 m	25,000	656,55 m <sup>2</sup>	0,000	4,586	1,0000000	1,0000000	656,55 m <sup>2</sup>	6737,71 m <sup>2</sup>
RI46-10	28+400,00	26,33 m	26,26 m	25,000	656,55 m <sup>2</sup>	0,000	4,586	1,0000000	1,0000000	656,55 m <sup>2</sup>	6737,71 m <sup>2</sup>
RI46-11	28+425,00	26,20 m	13,10 m	25,000	327,47 m <sup>2</sup>	0,000	4,439	1,0000000	1,0000000	327,47 m <sup>2</sup>	7065,18 m <sup>2</sup>
RI46-11	28+425,00	26,20 m	13,10 m	25,000	327,47 m <sup>2</sup>	0,000	4,439	1,0000000	1,0000000	327,47 m <sup>2</sup>	7065,18 m <sup>2</sup>
RI46-12	28+450,00	0,00 m				0,000	0,000	1,0000000			



ASSE: AV BP

COMPUTO DELLE QUANTITA'

Pagina: 8 / 17

WBS: RI46 (Rilevato ferroviario da pk 28+175,00 a pk 28+450,00 - L=275,00 m)

SCAVO GRADONATURA (GRAD)

Sezione	Distanza progressiva	Area	Area Media	Distanza parziale	Volume	Raggio	Distanza baricentro	Fattore K	Fattore K medio	Volume	
										Parziale	Totale
RI46-1	28+175,00	1,36 m <sup>2</sup>	1,33 m <sup>2</sup>	25,000	33,21 m <sup>3</sup>	20000,000	-4,884	1,0002442	1,0002639	33,22 m <sup>3</sup>	33,22 m <sup>3</sup>
RI46-2	28+200,00	1,30 m <sup>2</sup>	1,37 m <sup>2</sup>	25,000	34,22 m <sup>3</sup>	20000,000	-5,673	1,0002837	1,0002878	34,23 m <sup>3</sup>	67,45 m <sup>3</sup>
RI46-3	28+225,00	1,44 m <sup>2</sup>	1,57 m <sup>2</sup>	27,503	43,14 m <sup>3</sup>	20000,000	-5,837	1,0002919	1,0002914	43,15 m <sup>3</sup>	110,60 m <sup>3</sup>
RI46-4	28+252,50	1,70 m <sup>2</sup>	1,72 m <sup>2</sup>	30,000	51,66 m <sup>3</sup>	20000,000	-5,817	1,0002909	1,0001455	51,67 m <sup>3</sup>	162,27 m <sup>3</sup>
RI46-5	28+282,50	1,75 m <sup>2</sup>	1,76 m <sup>2</sup>	17,497	30,85 m <sup>3</sup>	0,000	-5,231	1,0000000	1,0000000	30,85 m <sup>3</sup>	193,12 m <sup>3</sup>
RI46-6	28+300,00	1,78 m <sup>2</sup>	1,84 m <sup>2</sup>	25,000	45,94 m <sup>3</sup>	0,000	-5,370	1,0000000	1,0000000	45,94 m <sup>3</sup>	239,06 m <sup>3</sup>
RI46-7	28+325,00	1,90 m <sup>2</sup>	1,86 m <sup>2</sup>	25,000	46,62 m <sup>3</sup>	0,000	-5,798	1,0000000	1,0000000	46,62 m <sup>3</sup>	285,68 m <sup>3</sup>
RI46-8	28+350,00	1,83 m <sup>2</sup>	1,88 m <sup>2</sup>	25,000	47,05 m <sup>3</sup>	0,000	-5,373	1,0000000	1,0000000	47,05 m <sup>3</sup>	332,73 m <sup>3</sup>
RI46-9	28+375,00	1,93 m <sup>2</sup>	1,88 m <sup>2</sup>	25,000	47,02 m <sup>3</sup>	0,000	-4,995	1,0000000	1,0000000	47,02 m <sup>3</sup>	379,75 m <sup>3</sup>
RI46-10	28+400,00	1,83 m <sup>2</sup>	1,81 m <sup>2</sup>	25,000	45,14 m <sup>3</sup>	0,000	-4,957	1,0000000	1,0000000	45,14 m <sup>3</sup>	424,89 m <sup>3</sup>
RI46-11	28+425,00	1,78 m <sup>2</sup>	0,89 m <sup>2</sup>	25,000	22,29 m <sup>3</sup>	0,000	-4,968	1,0000000	1,0000000	22,29 m <sup>3</sup>	447,18 m <sup>3</sup>
RI46-12	28+450,00	0,00 m <sup>2</sup>				0,000	0,000	1,0000000			

ASSE: AV BP

COMPUTO DELLE QUANTITA'

Pagina: 9 / 17

WBS: RI46 (Rilevato ferroviario da pk 28+175,00 a pk 28+450,00 - L=275,00 m)

RILEVATO (RI)

Sezione	Distanza progressiva	Area	Area Media	Distanza parziale	Volume	Raggio	Distanza baricentro	Fattore K	Fattore K medio	Volume	
										Parziale	Totale
RI46-1	28+175,00	20,89 m <sup>2</sup>									
Sx			22,01 m <sup>2</sup>	25,000	550,34 m <sup>3</sup>	20000,000	-2,844	1,0001422			
RI46-2	28+200,00	23,13 m <sup>2</sup>							1,0001456	550,42 m <sup>3</sup>	550,42 m <sup>3</sup>
RI46-1	28+175,00	39,58 m <sup>2</sup>									
Dx			39,09 m <sup>2</sup>	25,000	977,16 m <sup>3</sup>	20000,000	4,150	0,9997925			
RI46-2	28+200,00	38,59 m <sup>2</sup>							0,9997969	976,96 m <sup>3</sup>	1527,38 m <sup>3</sup>
RI46-2	28+200,00	23,13 m <sup>2</sup>									
Sx			24,44 m <sup>2</sup>	25,000	610,90 m <sup>3</sup>	20000,000	-2,977	1,0001489			
RI46-3	28+225,00	25,74 m <sup>2</sup>							1,0001467	610,99 m <sup>3</sup>	2138,37 m <sup>3</sup>
RI46-2	28+200,00	38,59 m <sup>2</sup>									
Dx			39,36 m <sup>2</sup>	25,000	984,04 m <sup>3</sup>	20000,000	3,972	0,9998014			
RI46-3	28+225,00	40,13 m <sup>2</sup>							0,9997984	983,84 m <sup>3</sup>	3122,21 m <sup>3</sup>
RI46-3	28+225,00	25,74 m <sup>2</sup>									
Sx			25,71 m <sup>2</sup>	27,503	707,14 m <sup>3</sup>	20000,000	-2,891	1,0001446			
RI46-4	28+252,50	25,68 m <sup>2</sup>							1,0001454	707,24 m <sup>3</sup>	3829,45 m <sup>3</sup>
RI46-3	28+225,00	40,13 m <sup>2</sup>									
Dx			41,99 m <sup>2</sup>	27,503	1154,98 m <sup>3</sup>	20000,000	4,092	0,9997954			
RI46-4	28+252,50	43,86 m <sup>2</sup>							0,9997922	1154,74 m <sup>3</sup>	4984,19 m <sup>3</sup>
RI46-4	28+252,50	25,68 m <sup>2</sup>									
Sx			24,06 m <sup>2</sup>	30,000	721,89 m <sup>3</sup>	20000,000	-2,924	1,0001462			
RI46-5	28+282,50	22,44 m <sup>2</sup>							1,0000731	721,94 m <sup>3</sup>	5706,13 m <sup>3</sup>
RI46-4	28+252,50	43,86 m <sup>2</sup>									
Dx			43,79 m <sup>2</sup>	30,000	1313,85 m <sup>3</sup>	20000,000	4,222	0,9997889			
RI46-5	28+282,50	43,73 m <sup>2</sup>							0,9998945	1313,71 m <sup>3</sup>	7019,84 m <sup>3</sup>
RI46-5	28+282,50	66,18 m <sup>2</sup>									
			66,11 m <sup>2</sup>	17,497	1156,66 m <sup>3</sup>		0,000	-2,882	1,0000000	1156,66 m <sup>3</sup>	8176,50 m <sup>3</sup>
RI46-6	28+300,00	66,04 m <sup>2</sup>							1,0000000		
RI46-6	28+300,00	66,04 m <sup>2</sup>									
			66,37 m <sup>2</sup>	25,000	1659,24 m <sup>3</sup>		0,000	-2,892	1,0000000	1659,24 m <sup>3</sup>	9835,74 m <sup>3</sup>
RI46-7	28+325,00	66,70 m <sup>2</sup>							1,0000000		
RI46-7	28+325,00	66,70 m <sup>2</sup>									
			67,87 m <sup>2</sup>	25,000	1696,74 m <sup>3</sup>		0,000	-2,872	1,0000000	1696,74 m <sup>3</sup>	11532,48 m <sup>3</sup>
RI46-8	28+350,00	69,04 m <sup>2</sup>							1,0000000		

ASSE: AV BP

COMPUTO DELLE QUANTITA'

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WBS: RI46 (Rilevato ferroviario da pk 28+175,00 a pk 28+450,00 - L=275,00 m)

RILEVATO (RI)

Sezione	Distanza progressiva	Area	Area Media	Distanza parziale	Volume	Raggio	Distanza baricentro	Fattore K	Fattore K medio	Volume	
										Parziale	Totale
RI46-8	28+350,00	69,04 m <sup>2</sup>	70,30 m <sup>2</sup>	25,000	1757,61 m <sup>3</sup>	0,000	-2,818	1,0000000	1,0000000	1757,61 m <sup>3</sup>	13290,09 m <sup>3</sup>
RI46-9	28+375,00	71,57 m <sup>2</sup>	71,60 m <sup>2</sup>	25,000	1789,96 m <sup>3</sup>	0,000	-2,865	1,0000000	1,0000000	1789,96 m <sup>3</sup>	15080,05 m <sup>3</sup>
RI46-10	28+400,00	71,62 m <sup>2</sup>	71,11 m <sup>2</sup>	25,000	1777,80 m <sup>3</sup>	0,000	-2,963	1,0000000	1,0000000	1777,80 m <sup>3</sup>	16857,85 m <sup>3</sup>
RI46-11	28+425,00	70,60 m <sup>2</sup>	35,30 m <sup>2</sup>	25,000	882,52 m <sup>3</sup>	0,000	-2,921	1,0000000	1,0000000	882,52 m <sup>3</sup>	17740,37 m <sup>3</sup>
RI46-12	28+450,00	0,00 m <sup>2</sup>				0,000	0,000	1,0000000			

ASSE: AV BP

COMPUTO DELLE QUANTITA'

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WBS: RI46 (Rilevato ferroviario da pk 28+175,00 a pk 28+450,00 - L=275,00 m)

RILEVATO FOSSO/STRADELLO (RILAG

Sezione	Distanza progressiva	Area	Area Media	Distanza parziale	Volume	Raggio	Distanza baricentro	Fattore K	Fattore K medio	Volume	
										Parziale	Totale
RI46-1	28+175,00	6,42 m <sup>2</sup>	6,31 m <sup>2</sup>	25,000	157,73 m <sup>3</sup>	20000,000	15,166	0,9992417	0,9992351	157,61 m <sup>3</sup>	157,61 m <sup>3</sup>
RI46-2	28+200,00	6,20 m <sup>2</sup>	7,54 m <sup>2</sup>	25,000	188,44 m <sup>3</sup>	20000,000	15,430	0,9992285	0,9992211	188,29 m <sup>3</sup>	345,90 m <sup>3</sup>
RI46-2	28+200,00	6,20 m <sup>2</sup>	7,54 m <sup>2</sup>	25,000	188,44 m <sup>3</sup>	20000,000	15,430	0,9992285	0,9992211	188,29 m <sup>3</sup>	345,90 m <sup>3</sup>
RI46-3	28+225,00	8,88 m <sup>2</sup>	8,58 m <sup>2</sup>	27,503	236,03 m <sup>3</sup>	20000,000	15,729	0,9992136	0,9992182	235,85 m <sup>3</sup>	581,75 m <sup>3</sup>
RI46-3	28+225,00	8,88 m <sup>2</sup>	8,58 m <sup>2</sup>	27,503	236,03 m <sup>3</sup>	20000,000	15,729	0,9992136	0,9992182	235,85 m <sup>3</sup>	581,75 m <sup>3</sup>
RI46-4	28+252,50	8,29 m <sup>2</sup>	7,76 m <sup>2</sup>	30,000	232,79 m <sup>3</sup>	20000,000	15,546	0,9992227	0,9996114	232,70 m <sup>3</sup>	814,45 m <sup>3</sup>
RI46-4	28+252,50	8,29 m <sup>2</sup>	7,76 m <sup>2</sup>	30,000	232,79 m <sup>3</sup>	20000,000	15,546	0,9992227	0,9996114	232,70 m <sup>3</sup>	814,45 m <sup>3</sup>
RI46-5	28+282,50	7,23 m <sup>2</sup>	7,26 m <sup>2</sup>	17,497	127,03 m <sup>3</sup>	0,000	15,574	1,0000000	1,0000000	127,03 m <sup>3</sup>	941,48 m <sup>3</sup>
RI46-5	28+282,50	7,23 m <sup>2</sup>	7,26 m <sup>2</sup>	17,497	127,03 m <sup>3</sup>	0,000	15,574	1,0000000	1,0000000	127,03 m <sup>3</sup>	941,48 m <sup>3</sup>
RI46-6	28+300,00	7,29 m <sup>2</sup>	7,08 m <sup>2</sup>	25,000	177,03 m <sup>3</sup>	0,000	15,741	1,0000000	1,0000000	177,03 m <sup>3</sup>	1118,51 m <sup>3</sup>
RI46-6	28+300,00	7,29 m <sup>2</sup>	7,08 m <sup>2</sup>	25,000	177,03 m <sup>3</sup>	0,000	15,741	1,0000000	1,0000000	177,03 m <sup>3</sup>	1118,51 m <sup>3</sup>
RI46-7	28+325,00	6,88 m <sup>2</sup>	7,58 m <sup>2</sup>	25,000	189,38 m <sup>3</sup>	0,000	16,104	1,0000000	1,0000000	189,38 m <sup>3</sup>	1307,89 m <sup>3</sup>
RI46-7	28+325,00	6,88 m <sup>2</sup>	7,58 m <sup>2</sup>	25,000	189,38 m <sup>3</sup>	0,000	16,104	1,0000000	1,0000000	189,38 m <sup>3</sup>	1307,89 m <sup>3</sup>
RI46-8	28+350,00	8,27 m <sup>2</sup>	10,29 m <sup>2</sup>	25,000	257,23 m <sup>3</sup>	0,000	16,174	1,0000000	1,0000000	257,23 m <sup>3</sup>	1565,12 m <sup>3</sup>
RI46-8	28+350,00	8,27 m <sup>2</sup>	10,29 m <sup>2</sup>	25,000	257,23 m <sup>3</sup>	0,000	16,174	1,0000000	1,0000000	257,23 m <sup>3</sup>	1565,12 m <sup>3</sup>
RI46-9	28+375,00	12,30 m <sup>2</sup>	10,53 m <sup>2</sup>	25,000	263,14 m <sup>3</sup>	0,000	15,814	1,0000000	1,0000000	263,14 m <sup>3</sup>	1828,26 m <sup>3</sup>
RI46-9	28+375,00	12,30 m <sup>2</sup>	10,53 m <sup>2</sup>	25,000	263,14 m <sup>3</sup>	0,000	15,814	1,0000000	1,0000000	263,14 m <sup>3</sup>	1828,26 m <sup>3</sup>
RI46-10	28+400,00	8,75 m <sup>2</sup>	8,11 m <sup>2</sup>	25,000	202,69 m <sup>3</sup>	0,000	16,200	1,0000000	1,0000000	202,69 m <sup>3</sup>	2030,95 m <sup>3</sup>
RI46-10	28+400,00	8,75 m <sup>2</sup>	8,11 m <sup>2</sup>	25,000	202,69 m <sup>3</sup>	0,000	16,200	1,0000000	1,0000000	202,69 m <sup>3</sup>	2030,95 m <sup>3</sup>
RI46-11	28+425,00	7,47 m <sup>2</sup>	3,73 m <sup>2</sup>	25,000	93,36 m <sup>3</sup>	0,000	16,358	1,0000000	1,0000000	93,36 m <sup>3</sup>	2124,31 m <sup>3</sup>
RI46-11	28+425,00	7,47 m <sup>2</sup>	3,73 m <sup>2</sup>	25,000	93,36 m <sup>3</sup>	0,000	16,358	1,0000000	1,0000000	93,36 m <sup>3</sup>	2124,31 m <sup>3</sup>
RI46-12	28+450,00	0,00 m <sup>2</sup>				0,000	0,000	1,0000000			

ASSE: AV BP

COMPUTO DELLE QUANTITA'

Pagina: 12 / 17

WBS: RI46 (Rilevato ferroviario da pk 28+175,00 a pk 28+450,00 - L=275,00 m)

SCOTICO (RILEVATO) (SCOT)

Sezione	Distanza progressiva	Sviluppo	Sviluppo Media	Distanza parziale	Area	Raggio	Distanza baricentro	Fattore K	Fattore K medio	Area	
										Parziale	Totale
RI46-1	28+175,00	28,35 m	28,66 m	25,000	716,62 m <sup>2</sup>	20000,000	5,207	0,9997396	0,9997435	716,44 m <sup>2</sup>	716,44 m <sup>2</sup>
RI46-2	28+200,00	28,98 m	29,31 m	25,000	732,68 m <sup>2</sup>	20000,000	5,055	0,9997473	0,9997401	732,49 m <sup>2</sup>	1448,93 m <sup>2</sup>
RI46-2	28+200,00	28,98 m	29,49 m	27,503	810,96 m <sup>2</sup>	20000,000	5,343	0,9997329	0,9997333	810,74 m <sup>2</sup>	2259,67 m <sup>2</sup>
RI46-3	28+225,00	29,64 m	29,48 m	30,000	884,38 m <sup>2</sup>	20000,000	5,325	0,9997337	0,9998669	884,26 m <sup>2</sup>	3143,93 m <sup>2</sup>
RI46-3	28+225,00	29,64 m	29,57 m	17,497	517,33 m <sup>2</sup>	0,000	5,137	1,0000000	1,0000000	517,33 m <sup>2</sup>	3661,26 m <sup>2</sup>
RI46-4	28+252,50	29,33 m	29,68 m	25,000	741,97 m <sup>2</sup>	0,000	5,327	1,0000000	1,0000000	741,97 m <sup>2</sup>	4403,23 m <sup>2</sup>
RI46-4	28+252,50	29,33 m	29,88 m	25,000	747,10 m <sup>2</sup>	0,000	5,406	1,0000000	1,0000000	747,10 m <sup>2</sup>	5150,33 m <sup>2</sup>
RI46-5	28+282,50	29,63 m	29,92 m	25,000	755,12 m <sup>2</sup>	0,000	5,656	1,0000000	1,0000000	755,12 m <sup>2</sup>	5905,45 m <sup>2</sup>
RI46-5	28+282,50	29,63 m	30,20 m	25,000	755,93 m <sup>2</sup>	0,000	5,929	1,0000000	1,0000000	755,93 m <sup>2</sup>	6661,38 m <sup>2</sup>
RI46-6	28+300,00	29,51 m	30,24 m	25,000	755,93 m <sup>2</sup>	0,000	5,929	1,0000000	1,0000000	755,93 m <sup>2</sup>	6661,38 m <sup>2</sup>
RI46-6	28+300,00	29,51 m	30,06 m	25,000	751,46 m <sup>2</sup>	0,000	5,767	1,0000000	1,0000000	751,46 m <sup>2</sup>	7412,84 m <sup>2</sup>
RI46-7	28+325,00	29,85 m	15,07 m	25,000	376,67 m <sup>2</sup>	0,000	5,723	1,0000000	1,0000000	376,67 m <sup>2</sup>	7789,51 m <sup>2</sup>
RI46-7	28+325,00	29,85 m				0,000	5,723	1,0000000			
RI46-8	28+350,00	29,92 m				0,000	0,000	1,0000000			
RI46-8	28+350,00	29,92 m				0,000	0,000	1,0000000			
RI46-9	28+375,00	30,49 m				0,000	0,000	1,0000000			
RI46-9	28+375,00	30,49 m				0,000	0,000	1,0000000			
RI46-10	28+400,00	29,98 m				0,000	0,000	1,0000000			
RI46-10	28+400,00	29,98 m				0,000	0,000	1,0000000			
RI46-11	28+425,00	30,13 m				0,000	0,000	1,0000000			
RI46-11	28+425,00	30,13 m				0,000	0,000	1,0000000			
RI46-12	28+450,00	0,00 m				0,000	0,000	1,0000000			

ASSE: AV BP

COMPUTO DELLE QUANTITA'

Pagina: 13 / 17

WBS: RI46 (Rilevato ferroviario da pk 28+175,00 a pk 28+450,00 - L=275,00 m)

SCAVO (ST)

Sezione	Distanza progressiva	Area	Area Media	Distanza parziale	Volume	Raggio	Distanza baricentro	Fattore K	Fattore K medio	Volume	
										Parziale	Totale
RI46-1	28+175,00	0,26 m <sup>2</sup>	0,35 m <sup>2</sup>	25,000	8,82 m <sup>3</sup>	20000,000	-8,292	1,0004146	1,0004202	8,82 m <sup>3</sup>	8,82 m <sup>3</sup>
RI46-2	28+200,00	0,44 m <sup>2</sup>	0,53 m <sup>2</sup>	25,000	13,23 m <sup>3</sup>	20000,000	-8,513	1,0004257	1,0004297	13,24 m <sup>3</sup>	22,06 m <sup>3</sup>
RI46-3	28+225,00	0,62 m <sup>2</sup>	0,60 m <sup>2</sup>	27,503	16,42 m <sup>3</sup>	20000,000	-8,674	1,0004337	1,0004345	16,43 m <sup>3</sup>	38,49 m <sup>3</sup>
RI46-4	28+252,50	0,58 m <sup>2</sup>	0,53 m <sup>2</sup>	30,000	15,85 m <sup>3</sup>	20000,000	-8,703	1,0004352	1,0002176	15,85 m <sup>3</sup>	54,34 m <sup>3</sup>
RI46-5	28+282,50	0,48 m <sup>2</sup>	0,49 m <sup>2</sup>	17,497	8,59 m <sup>3</sup>	0,000	-8,636	1,0000000	1,0000000	8,59 m <sup>3</sup>	62,93 m <sup>3</sup>
RI46-6	28+300,00	0,50 m <sup>2</sup>	0,50 m <sup>2</sup>	25,000	12,53 m <sup>3</sup>	0,000	-8,473	1,0000000	1,0000000	12,53 m <sup>3</sup>	75,46 m <sup>3</sup>
RI46-7	28+325,00	0,50 m <sup>2</sup>	0,56 m <sup>2</sup>	25,000	13,94 m <sup>3</sup>	0,000	-8,632	1,0000000	1,0000000	13,94 m <sup>3</sup>	89,40 m <sup>3</sup>
RI46-8	28+350,00	0,61 m <sup>2</sup>	0,62 m <sup>2</sup>	25,000	15,41 m <sup>3</sup>	0,000	-8,394	1,0000000	1,0000000	15,41 m <sup>3</sup>	104,81 m <sup>3</sup>
RI46-9	28+375,00	0,62 m <sup>2</sup>	0,56 m <sup>2</sup>	25,000	13,99 m <sup>3</sup>	0,000	-8,586	1,0000000	1,0000000	13,99 m <sup>3</sup>	118,80 m <sup>3</sup>
RI46-10	28+400,00	0,50 m <sup>2</sup>	0,49 m <sup>2</sup>	25,000	12,28 m <sup>3</sup>	0,000	-9,013	1,0000000	1,0000000	12,28 m <sup>3</sup>	131,08 m <sup>3</sup>
RI46-11	28+425,00	0,48 m <sup>2</sup>	0,24 m <sup>2</sup>	25,000	6,02 m <sup>3</sup>	0,000	-8,473	1,0000000	1,0000000	6,02 m <sup>3</sup>	137,10 m <sup>3</sup>
RI46-12	28+450,00	0,00 m <sup>2</sup>				0,000	0,000	1,0000000			

ASSE: AV BP

COMPUTO DELLE QUANTITA'

Pagina: 14 / 17

WBS: RI46 (Rilevato ferroviario da pk 28+175,00 a pk 28+450,00 - L=275,00 m)

SCAVO FOSSO E STRADELLO (ST\_FO)

Sezione	Distanza progressiva	Area	Area Media	Distanza parziale	Volume	Raggio	Distanza baricentro	Fattore K	Fattore K medio	Volume	
										Parziale	Totale
RI46-1	28+175,00	0,00 m <sup>2</sup>	0,03 m <sup>2</sup>	25,000	0,75 m <sup>3</sup>	20000,000	0,000	1,0000000	0,9996849	0,75 m <sup>3</sup>	0,75 m <sup>3</sup>
RI46-2	28+200,00	0,06 m <sup>2</sup>	0,03 m <sup>2</sup>	25,000	0,72 m <sup>3</sup>	20000,000	12,607	0,9993697	0,9996849	0,72 m <sup>3</sup>	1,47 m <sup>3</sup>
RI46-2	28+200,00	0,06 m <sup>2</sup>	0,03 m <sup>2</sup>	25,000	0,72 m <sup>3</sup>	20000,000	12,607	0,9993697	0,9996849	0,72 m <sup>3</sup>	1,47 m <sup>3</sup>
RI46-3	28+225,00	0,00 m <sup>2</sup>	0,01 m <sup>2</sup>	25,000	0,15 m <sup>3</sup>	20000,000	0,000	1,0000000	1,0000000	0,15 m <sup>3</sup>	1,62 m <sup>3</sup>
RI46-6	28+300,00	0,00 m <sup>2</sup>	0,01 m <sup>2</sup>	25,000	0,15 m <sup>3</sup>	20000,000	0,000	1,0000000	1,0000000	0,15 m <sup>3</sup>	1,62 m <sup>3</sup>
RI46-7	28+325,00	0,01 m <sup>2</sup>	0,01 m <sup>2</sup>	25,000	0,15 m <sup>3</sup>	20000,000	16,233	1,0000000	1,0000000	0,15 m <sup>3</sup>	1,77 m <sup>3</sup>
RI46-7	28+325,00	0,01 m <sup>2</sup>	0,01 m <sup>2</sup>	25,000	0,15 m <sup>3</sup>	20000,000	16,233	1,0000000	1,0000000	0,15 m <sup>3</sup>	1,77 m <sup>3</sup>
RI46-8	28+350,00	0,00 m <sup>2</sup>				20000,000	0,000	1,0000000			

ASSE: AV BP

COMPUTO DELLE QUANTITA'

Pagina: 15 / 17

WBS: RI46 (Rilevato ferroviario da pk 28+175,00 a pk 28+450,00 - L=275,00 m)

MISTO STABILIZZATO (Pav. Stradello) (

Sezione	Distanza progressiva	Area	Area Media	Distanza parziale	Volume	Raggio	Distanza baricentro	Fattore K	Fattore K medio	Volume	
										Parziale	Totale
RI46-1	28+175,00	0,62 m <sup>2</sup>	0,62 m <sup>2</sup>	25,000	15,51 m <sup>3</sup>	20000,000	16,519	0,9991741	0,9991714	15,50 m <sup>3</sup>	15,50 m <sup>3</sup>
RI46-2	28+200,00	0,62 m <sup>2</sup>	0,62 m <sup>2</sup>	25,000	15,50 m <sup>3</sup>	20000,000	16,627	0,9991687	0,9991663	15,49 m <sup>3</sup>	30,99 m <sup>3</sup>
RI46-3	28+225,00	0,62 m <sup>2</sup>	0,62 m <sup>2</sup>	27,503	17,06 m <sup>3</sup>	20000,000	16,722	0,9991639	0,9991613	17,05 m <sup>3</sup>	48,04 m <sup>3</sup>
RI46-4	28+252,50	0,62 m <sup>2</sup>	0,62 m <sup>2</sup>	30,000	18,61 m <sup>3</sup>	20000,000	16,826	0,9991587	0,9995794	18,60 m <sup>3</sup>	66,64 m <sup>3</sup>
RI46-5	28+282,50	0,62 m <sup>2</sup>	0,62 m <sup>2</sup>	17,497	10,85 m <sup>3</sup>	0,000	16,939	1,0000000	1,0000000	10,85 m <sup>3</sup>	77,49 m <sup>3</sup>
RI46-6	28+300,00	0,62 m <sup>2</sup>	0,62 m <sup>2</sup>	25,000	15,51 m <sup>3</sup>	0,000	17,005	1,0000000	1,0000000	15,51 m <sup>3</sup>	93,00 m <sup>3</sup>
RI46-7	28+325,00	0,62 m <sup>2</sup>	0,62 m <sup>2</sup>	25,000	15,51 m <sup>3</sup>	0,000	17,100	1,0000000	1,0000000	15,51 m <sup>3</sup>	108,51 m <sup>3</sup>
RI46-8	28+350,00	0,62 m <sup>2</sup>	0,62 m <sup>2</sup>	25,000	15,51 m <sup>3</sup>	0,000	17,194	1,0000000	1,0000000	15,51 m <sup>3</sup>	124,02 m <sup>3</sup>
RI46-9	28+375,00	0,62 m <sup>2</sup>	0,62 m <sup>2</sup>	25,000	15,50 m <sup>3</sup>	0,000	17,288	1,0000000	1,0000000	15,50 m <sup>3</sup>	139,52 m <sup>3</sup>
RI46-10	28+400,00	0,62 m <sup>2</sup>	0,62 m <sup>2</sup>	25,000	15,50 m <sup>3</sup>	0,000	17,383	1,0000000	1,0000000	15,50 m <sup>3</sup>	155,02 m <sup>3</sup>
RI46-11	28+425,00	0,62 m <sup>2</sup>	0,31 m <sup>2</sup>	25,000	7,75 m <sup>3</sup>	0,000	17,477	1,0000000	1,0000000	7,75 m <sup>3</sup>	162,77 m <sup>3</sup>
RI46-12	28+450,00	0,00 m <sup>2</sup>				0,000	0,000	1,0000000			



ASSE: AV BP

COMPUTO DELLE QUANTITA'

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WBS: RI46 (Rilevato ferroviario da pk 28+175,00 a pk 28+450,00 - L=275,00 m)

SUBBALLAST (SUBBALL)

Sezione	Distanza progressiva	Sviluppo	Sviluppo Media	Distanza parziale	Area	Raggio	Distanza baricentro	Fattore K	Fattore K medio	Area	
										Parziale	Totale
RI46-1	28+175,00	12,41 m	12,41 m	25,000	310,14 m <sup>2</sup>	20000,000	-1,900	1,0000950	1,0000950	310,17 m <sup>2</sup>	310,17 m <sup>2</sup>
RI46-2	28+200,00	12,41 m	12,41 m	25,000	310,14 m <sup>2</sup>	20000,000	-1,900	1,0000950	1,0000950	310,17 m <sup>2</sup>	620,34 m <sup>2</sup>
RI46-3	28+225,00	12,41 m	12,41 m	27,503	341,19 m <sup>2</sup>	20000,000	-1,900	1,0000950	1,0000950	341,22 m <sup>2</sup>	961,56 m <sup>2</sup>
RI46-4	28+252,50	12,41 m	12,41 m	30,000	372,17 m <sup>2</sup>	20000,000	-1,900	1,0000950	1,0000475	372,19 m <sup>2</sup>	1333,75 m <sup>2</sup>
RI46-5	28+282,50	12,41 m	12,41 m	17,497	217,06 m <sup>2</sup>	0,000	-1,900	1,0000000	1,0000000	217,06 m <sup>2</sup>	1550,81 m <sup>2</sup>
RI46-6	28+300,00	12,41 m	12,41 m	25,000	310,14 m <sup>2</sup>	0,000	-1,900	1,0000000	1,0000000	310,14 m <sup>2</sup>	1860,95 m <sup>2</sup>
RI46-7	28+325,00	12,41 m	12,41 m	25,000	310,14 m <sup>2</sup>	0,000	-1,900	1,0000000	1,0000000	310,14 m <sup>2</sup>	2171,09 m <sup>2</sup>
RI46-8	28+350,00	12,41 m	12,41 m	25,000	310,14 m <sup>2</sup>	0,000	-1,900	1,0000000	1,0000000	310,14 m <sup>2</sup>	2481,23 m <sup>2</sup>
RI46-9	28+375,00	12,41 m	12,41 m	25,000	310,14 m <sup>2</sup>	0,000	-1,900	1,0000000	1,0000000	310,14 m <sup>2</sup>	2791,37 m <sup>2</sup>
RI46-10	28+400,00	12,41 m	12,41 m	25,000	310,14 m <sup>2</sup>	0,000	-1,900	1,0000000	1,0000000	310,14 m <sup>2</sup>	3101,51 m <sup>2</sup>
RI46-11	28+425,00	12,41 m	6,20 m	25,000	155,07 m <sup>2</sup>	0,000	-1,900	1,0000000	1,0000000	155,07 m <sup>2</sup>	3256,58 m <sup>2</sup>
RI46-12	28+450,00	0,00 m				0,000	0,000	1,0000000			

ASSE: AV BP

COMPUTO DELLE QUANTITA'

Pagina: 17 / 17

WBS: RI46 (Rilevato ferroviario da pk 28+175,00 a pk 28+450,00 - L=275,00 m)

TERRENO VEGETALE (TVEG)

Sezione	Distanza progressiva	Sviluppo	Sviluppo Media	Distanza parziale	Area	Raggio	Distanza baricentro	Fattore K	Fattore K medio	Area	
										Parziale	Totale
RI46-1	28+175,00	4,83 m	4,89 m	25,000	122,13 m <sup>2</sup>	20000,000	7,393	0,9996304	0,9996294	122,08 m <sup>2</sup>	122,08 m <sup>2</sup>
RI46-2	28+200,00	4,94 m	5,00 m	25,000	125,02 m <sup>2</sup>	20000,000	7,435	0,9996283	0,9996271	124,97 m <sup>2</sup>	247,05 m <sup>2</sup>
RI46-3	28+225,00	5,06 m	5,12 m	27,503	140,81 m <sup>2</sup>	20000,000	7,482	0,9996259	0,9996246	140,76 m <sup>2</sup>	387,81 m <sup>2</sup>
RI46-4	28+252,50	5,18 m	5,25 m	30,000	157,51 m <sup>2</sup>	20000,000	7,534	0,9996233	0,9998117	157,48 m <sup>2</sup>	545,29 m <sup>2</sup>
RI46-5	28+282,50	5,32 m	5,36 m	17,497	93,75 m <sup>2</sup>	0,000	7,590	1,0000000	1,0000000	93,75 m <sup>2</sup>	639,04 m <sup>2</sup>
RI46-6	28+300,00	5,40 m	5,45 m	25,000	136,37 m <sup>2</sup>	0,000	7,623	1,0000000	1,0000000	136,37 m <sup>2</sup>	775,41 m <sup>2</sup>
RI46-7	28+325,00	5,51 m	6,17 m	25,000	154,20 m <sup>2</sup>	0,000	7,670	1,0000000	1,0000000	154,20 m <sup>2</sup>	929,61 m <sup>2</sup>
RI46-8	28+350,00	6,82 m	6,88 m	25,000	172,03 m <sup>2</sup>	0,000	7,217	1,0000000	1,0000000	172,03 m <sup>2</sup>	1101,64 m <sup>2</sup>
RI46-9	28+375,00	6,94 m	6,99 m	25,000	174,87 m <sup>2</sup>	0,000	7,264	1,0000000	1,0000000	174,87 m <sup>2</sup>	1276,51 m <sup>2</sup>
RI46-10	28+400,00	7,05 m	7,11 m	25,000	177,70 m <sup>2</sup>	0,000	7,311	1,0000000	1,0000000	177,70 m <sup>2</sup>	1454,21 m <sup>2</sup>
RI46-11	28+425,00	7,16 m	3,58 m	25,000	89,56 m <sup>2</sup>	0,000	7,358	1,0000000	1,0000000	89,56 m <sup>2</sup>	1543,77 m <sup>2</sup>
RI46-12	28+450,00	0,00 m				0,000	0,000	1,0000000			