

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 26+065,14 A PK 26+531,24

GENERALE

TABULATI MOVIMENTI TERRA



GENERAL CONTRACTOR

DIRETTORE LAVORI

SCALA :

IL PROGETTISTA INTEGRATORE Ing. Giovanni MALAVENDA Ordine degli ingegneri di Verona n. 4289 Data: 28 Settembre 2021	Consorzio Iricav Due ing. Paolo CARI Data: Settembre 2021	Data:	-
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COMMESSA	LOTTO	FASE	ENTE	TIPO DOC.	OPERA/DISCIPLINA	PROGR.	REV.	FOGLIO
IN17	12	E	I2	TT	RI4100	001	A	DI

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

Progettazione :

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



CIG. 8377957CD1	CUP: J41E91000000009	File: IN1712E12TRI4100001A.DWG
Progetto cofinanziato dalla Unione Europea		Cod. origine: CODICE

ASSE: AV BP

COMPUTO DELLE QUANTITA'

Pagina: 1 / 27

WBS: RI41 (Rilevato ferroviario da pk 26+065,14 a pk 26+531,24 - L=466,10 m)

ANTICAPILLARE (ANTICAPILLARE)

Sezione	Distanza progressiva	Area	Area Media	Distanza parziale	Volume	Raggio	Distanza baricentro	Fattore K	Fattore K medio	Volume	
										Parziale	Totale
RI41-1	26+065,14	12,09 m <sup>2</sup>	12,14 m <sup>2</sup>	9,860	119,74 m <sup>3</sup>	0,000	-7,178	1,0000000	1,0000000	119,74 m <sup>3</sup>	119,74 m <sup>3</sup>
RI41-2	26+075,00	12,20 m <sup>2</sup>	12,35 m <sup>2</sup>	25,000	308,75 m <sup>3</sup>	0,000	-7,234	1,0000000	1,0000000	308,75 m <sup>3</sup>	428,49 m <sup>3</sup>
RI41-3	26+100,00	12,50 m <sup>2</sup>	12,56 m <sup>2</sup>	25,000	314,07 m <sup>3</sup>	0,000	-7,389	1,0000000	1,0000000	314,07 m <sup>3</sup>	742,56 m <sup>3</sup>
RI41-4	26+125,00	12,63 m <sup>2</sup>	12,65 m <sup>2</sup>	25,000	316,33 m <sup>3</sup>	0,000	-7,440	1,0000000	1,0000000	316,33 m <sup>3</sup>	1058,89 m <sup>3</sup>
RI41-5	26+150,00	12,68 m <sup>2</sup>	12,73 m <sup>2</sup>	25,000	318,13 m <sup>3</sup>	0,000	-7,471	1,0000000	1,0000000	318,13 m <sup>3</sup>	1377,02 m <sup>3</sup>
RI41-6	26+175,00	12,77 m <sup>2</sup>	12,84 m <sup>2</sup>	25,000	320,91 m <sup>3</sup>	0,000	-7,523	1,0000000	1,0000000	320,91 m <sup>3</sup>	1697,93 m <sup>3</sup>
RI41-7	26+200,00	12,90 m <sup>2</sup>	12,89 m <sup>2</sup>	25,000	322,35 m <sup>3</sup>	0,000	-7,573	1,0000000	1,0000000	322,35 m <sup>3</sup>	2020,28 m <sup>3</sup>
RI41-8	26+225,00	12,89 m <sup>2</sup>	13,21 m <sup>2</sup>	25,000	330,16 m <sup>3</sup>	0,000	-7,579	1,0000000	1,0000000	330,16 m <sup>3</sup>	2350,44 m <sup>3</sup>
RI41-9	26+250,00	13,53 m <sup>2</sup>	13,82 m <sup>2</sup>	25,000	345,59 m <sup>3</sup>	0,000	-7,897	1,0000000	1,0000000	345,59 m <sup>3</sup>	2696,03 m <sup>3</sup>
RI41-10	26+275,00	14,12 m <sup>2</sup>	14,13 m <sup>2</sup>	25,000	353,37 m <sup>3</sup>	0,000	-8,193	1,0000000	1,0000000	353,37 m <sup>3</sup>	3049,40 m <sup>3</sup>
RI41-11	26+300,00	14,15 m <sup>2</sup>	14,14 m <sup>2</sup>	25,000	353,51 m <sup>3</sup>	0,000	-8,200	1,0000000	1,0000000	353,51 m <sup>3</sup>	3402,91 m <sup>3</sup>
RI41-12	26+325,00	14,13 m <sup>2</sup>				0,000	-8,204	1,0000000			

ASSE: AV BP

COMPUTO DELLE QUANTITA'

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WBS: RI41 (Rilevato ferroviario da pk 26+065,14 a pk 26+531,24 - L=466,10 m)

ANTICAPILLARE (ANTICAPILLARE)

Sezione	Distanza progressiva	Area	Area Media	Distanza parziale	Volume	Raggio	Distanza baricentro	Fattore K	Fattore K medio	Volume	
										Parziale	Totale
RI41-12	26+325,00	14,13 m <sup>2</sup>	14,29 m <sup>2</sup>	25,000	357,19 m <sup>3</sup>	0,000	-8,204	1,0000000	1,0000000	357,19 m <sup>3</sup>	3760,10 m <sup>3</sup>
RI41-13	26+350,00	14,44 m <sup>2</sup>	14,27 m <sup>2</sup>	25,000	356,69 m <sup>3</sup>	0,000	-8,355	1,0000000	1,0000000	356,69 m <sup>3</sup>	4116,79 m <sup>3</sup>
RI41-14	26+375,00	14,09 m <sup>2</sup>	13,97 m <sup>2</sup>	16,052	224,21 m <sup>3</sup>	0,000	-8,183	1,0000000	1,0000000	224,21 m <sup>3</sup>	4341,00 m <sup>3</sup>
RI41-15	26+391,05	13,84 m <sup>2</sup>	7,98 m <sup>2</sup>	33,948	271,00 m <sup>3</sup>	0,000	-8,056	1,0000000	0,9997863	270,94 m <sup>3</sup>	4611,94 m <sup>3</sup>
RI41-16 Sx	26+425,00	7,92 m <sup>2</sup>	5,73 m <sup>2</sup>	33,948	194,61 m <sup>3</sup>	-18528,511	-7,918	0,9995727	1,0001532	194,64 m <sup>3</sup>	4806,58 m <sup>3</sup>
RI41-15 Dx	26+391,05	5,80 m <sup>2</sup>	7,88 m <sup>2</sup>	25,000	197,02 m <sup>3</sup>	0,000	5,797	1,0000000	0,9994185	196,91 m <sup>3</sup>	5003,49 m <sup>3</sup>
RI41-16 Sx	26+425,00	5,67 m <sup>2</sup>	5,63 m <sup>2</sup>	25,000	140,77 m <sup>3</sup>	-18528,511	5,678	1,0003064	1,0004151	140,83 m <sup>3</sup>	5144,32 m <sup>3</sup>
RI41-16 Dx	26+425,00	7,92 m <sup>2</sup>	7,83 m <sup>2</sup>	25,000	195,70 m <sup>3</sup>	-18528,511	-7,918	0,9995727	0,9991100	195,53 m <sup>3</sup>	5339,85 m <sup>3</sup>
RI41-17 Sx	26+450,00	7,84 m <sup>2</sup>	5,58 m <sup>2</sup>	25,000	139,45 m <sup>3</sup>	-10670,479	-7,850	0,9992643	1,0006334	139,54 m <sup>3</sup>	5479,39 m <sup>3</sup>
RI41-17 Dx	26+450,00	5,59 m <sup>2</sup>	7,80 m <sup>2</sup>	25,000	194,89 m <sup>3</sup>	-10670,479	5,590	1,0005239	0,9988040	194,66 m <sup>3</sup>	5674,05 m <sup>3</sup>
RI41-18 Sx	26+475,00	7,81 m <sup>2</sup>	5,55 m <sup>2</sup>	25,000	138,64 m <sup>3</sup>	-7492,762	-7,825	0,9989557	1,0008496	138,76 m <sup>3</sup>	5812,81 m <sup>3</sup>
RI41-18 Dx	26+475,00	5,56 m <sup>2</sup>				-7492,762	5,566	1,0007429			
RI41-19	26+500,00	7,78 m <sup>2</sup>				-5773,413	-7,781	0,9986523			
RI41-18	26+475,00	5,56 m <sup>2</sup>				-7492,762	5,566	1,0007429			
RI41-19	26+500,00	5,53 m <sup>2</sup>				-5773,413	5,521	1,0009563			

ASSE: AV BP

COMPUTO DELLE QUANTITA'

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WBS: RI41 (Rilevato ferroviario da pk 26+065,14 a pk 26+531,24 - L=466,10 m)

ANTICAPILLARE (ANTICAPILLARE)

Sezione	Distanza progressiva	Area	Area Media	Distanza parziale	Volume	Raggio	Distanza baricentro	Fattore K	Fattore K medio	Volume	
										Parziale	Totale
RI41-19 Sx	26+500,00	7,78 m <sup>2</sup>	7,69 m <sup>2</sup>	31,240	240,21 m <sup>3</sup>	-5773,413	-7,781	0,9986523	0,9984793	239,84 m <sup>3</sup>	6052,65 m <sup>3</sup>
RI41-20	26+531,24	7,60 m <sup>2</sup>				-4486,849	-7,600	0,9983062			
RI41-19 Dx	26+500,00	5,53 m <sup>2</sup>	5,44 m <sup>2</sup>	31,240	169,92 m <sup>3</sup>	-5773,413	5,521	1,0009563	1,0010756	170,10 m <sup>3</sup>	6222,75 m <sup>3</sup>
RI41-20	26+531,24	5,35 m <sup>2</sup>				-4486,849	5,361	1,0011948			



ASSE: AV BP

COMPUTO DELLE QUANTITA'

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WBS: RI41 (Rilevato ferroviario da pk 26+065,14 a pk 26+531,24 - L=466,10 m)

SUPERCOMPATTATO=ANTIGERMINAN

Sezione	Distanza progressiva	Sviluppo	Sviluppo Media	Distanza parziale	Area	Raggio	Distanza baricentro	Fattore K	Fattore K medio	Area	
										Parziale	Totale
RI41-12	26+325,00	13,79 m	13,79 m	25,000	344,65 m <sup>2</sup>	0,000	-2,590	1,0000000	1,0000000	344,65 m <sup>2</sup>	4027,28 m <sup>2</sup>
RI41-13	26+350,00	13,79 m	13,79 m	25,000	344,65 m <sup>2</sup>	0,000	-2,590	1,0000000	1,0000000	344,65 m <sup>2</sup>	4371,93 m <sup>2</sup>
RI41-14	26+375,00	13,79 m	13,79 m	25,000	344,65 m <sup>2</sup>	0,000	-2,590	1,0000000	1,0000000	344,65 m <sup>2</sup>	4587,76 m <sup>2</sup>
RI41-15	26+391,05	13,11 m	13,45 m	16,052	215,83 m <sup>2</sup>	0,000	-2,250	1,0000000	1,0000000	215,83 m <sup>2</sup>	5032,65 m <sup>2</sup>
RI41-15	26+391,05	13,11 m	13,11 m	33,948	444,92 m <sup>2</sup>	0,000	-2,250	1,0000000	0,9999393	444,89 m <sup>2</sup>	5360,25 m <sup>2</sup>
RI41-16	26+425,00	13,11 m	13,11 m	25,000	327,65 m <sup>2</sup>	-18528,511	-2,250	0,9998786	0,9998338	327,60 m <sup>2</sup>	5687,82 m <sup>2</sup>
RI41-16	26+425,00	13,11 m	13,11 m	25,000	327,65 m <sup>2</sup>	-18528,511	-2,250	0,9998786	0,9997444	327,57 m <sup>2</sup>	6015,36 m <sup>2</sup>
RI41-17	26+450,00	13,11 m	13,11 m	25,000	327,65 m <sup>2</sup>	-10670,479	-2,250	0,9997891	0,9996550	327,54 m <sup>2</sup>	6424,61 m <sup>2</sup>
RI41-17	26+450,00	13,11 m	13,11 m	25,000	327,65 m <sup>2</sup>	-10670,479	-2,250	0,9997891	0,9995544	409,25 m <sup>2</sup>	
RI41-18	26+475,00	13,11 m	13,11 m	25,000	327,65 m <sup>2</sup>	-7492,762	-2,250	0,9996997			
RI41-18	26+475,00	13,11 m	13,11 m	25,000	327,65 m <sup>2</sup>	-7492,762	-2,250	0,9996997			
RI41-19	26+500,00	13,11 m	13,11 m	31,240	409,43 m <sup>2</sup>	-5773,413	-2,250	0,9996103			
RI41-19	26+500,00	13,11 m	13,11 m	31,240	409,43 m <sup>2</sup>	-5773,413	-2,250	0,9996103			
RI41-20	26+531,24	13,11 m	13,11 m	31,240	409,43 m <sup>2</sup>	-4486,849	-2,250	0,9994985			



ASSE: AV BP

COMPUTO DELLE QUANTITA'

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WBS: RI41 (Rilevato ferroviario da pk 26+065,14 a pk 26+531,24 - L=466,10 m)

BALLAST (BALLAST)

Sezione	Distanza progressiva	Area	Area Media	Distanza parziale	Volume	Raggio	Distanza baricentro	Fattore K	Fattore K medio	Volume	
										Parziale	Totale
RI41-12	26+325,00	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>	1549,86 m <sup>3</sup>
RI41-13	26+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>	1685,88 m <sup>3</sup>
RI41-14	26+375,00	5,44 m <sup>2</sup>	5,44 m <sup>2</sup>	16,052	87,33 m <sup>3</sup>	0,000	-3,602	1,0000000	1,0000000	87,33 m <sup>3</sup>	1773,21 m <sup>3</sup>
Sx RI41-15	26+391,05	3,93 m <sup>2</sup>	3,94 m <sup>2</sup>	33,948	133,84 m <sup>3</sup>	0,000	-3,602	1,0000000	0,9999031	133,83 m <sup>3</sup>	1907,04 m <sup>3</sup>
RI41-16	26+425,00	3,96 m <sup>2</sup>	3,97 m <sup>2</sup>	25,000	99,23 m <sup>3</sup>	-18528,511	-3,590	0,9998062	0,9997351	99,20 m <sup>3</sup>	2058,89 m <sup>3</sup>
Dx RI41-15	26+391,05	1,51 m <sup>2</sup>	1,55 m <sup>2</sup>	33,948	52,65 m <sup>3</sup>	0,000	1,260	1,0000000	1,0000346	52,65 m <sup>3</sup>	1959,69 m <sup>3</sup>
RI41-16	26+425,00	1,59 m <sup>2</sup>	1,62 m <sup>2</sup>	25,000	40,45 m <sup>3</sup>	-18528,511	1,283	1,0000692	1,0000956	40,45 m <sup>3</sup>	2099,34 m <sup>3</sup>
Sx RI41-16	26+425,00	3,96 m <sup>2</sup>	3,99 m <sup>2</sup>	25,000	99,87 m <sup>3</sup>	-18528,511	-3,585	0,9998062	0,9995936	99,83 m <sup>3</sup>	2199,17 m <sup>3</sup>
RI41-17	26+450,00	3,98 m <sup>2</sup>	3,99 m <sup>2</sup>	25,000	99,87 m <sup>3</sup>	-10670,479	-3,585	0,9996640	0,9995936	99,83 m <sup>3</sup>	2199,17 m <sup>3</sup>
Dx RI41-16	26+425,00	1,59 m <sup>2</sup>	1,68 m <sup>2</sup>	25,000	41,90 m <sup>3</sup>	-18528,511	1,283	1,0000692	1,0001479	41,91 m <sup>3</sup>	2241,08 m <sup>3</sup>
RI41-17	26+450,00	3,98 m <sup>2</sup>	3,99 m <sup>2</sup>	25,000	99,87 m <sup>3</sup>	-10670,479	-3,585	0,9996640	0,9994530	100,52 m <sup>3</sup>	2341,60 m <sup>3</sup>
Sx RI41-17	26+450,00	1,65 m <sup>2</sup>	1,68 m <sup>2</sup>	25,000	41,90 m <sup>3</sup>	-10670,479	1,301	1,0001219	1,0001479	41,91 m <sup>3</sup>	2241,08 m <sup>3</sup>
RI41-18	26+475,00	4,01 m <sup>2</sup>	4,02 m <sup>2</sup>	25,000	100,58 m <sup>3</sup>	-7492,762	-3,573	0,9995231	0,9994530	100,52 m <sup>3</sup>	2341,60 m <sup>3</sup>
Dx RI41-17	26+450,00	1,65 m <sup>2</sup>	1,73 m <sup>2</sup>	25,000	43,36 m <sup>3</sup>	-10670,479	1,301	1,0001219	1,0002023	43,37 m <sup>3</sup>	2384,97 m <sup>3</sup>
Sx RI41-18	26+475,00	4,01 m <sup>2</sup>	4,02 m <sup>2</sup>	25,000	100,58 m <sup>3</sup>	-7492,762	-3,573	0,9995231	1,0002305	100,52 m <sup>3</sup>	2341,60 m <sup>3</sup>
RI41-19	26+500,00	4,04 m <sup>2</sup>	4,04 m <sup>2</sup>	25,000	100,58 m <sup>3</sup>	-5773,413	-3,563	0,9993829	1,0002305	100,52 m <sup>3</sup>	2341,60 m <sup>3</sup>
Dx RI41-18	26+475,00	1,70 m <sup>2</sup>	1,73 m <sup>2</sup>	25,000	43,36 m <sup>3</sup>	-7492,762	1,304	1,0001740	1,0002305	43,37 m <sup>3</sup>	2384,97 m <sup>3</sup>
RI41-19	26+500,00	1,76 m <sup>2</sup>	1,76 m <sup>2</sup>	25,000	43,36 m <sup>3</sup>	-5773,413	1,331	1,0002305	1,0002305	43,37 m <sup>3</sup>	2384,97 m <sup>3</sup>



ASSE: AV BP

COMPUTO DELLE QUANTITA'

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WBS: RI41 (Rilevato ferroviario da pk 26+065,14 a pk 26+531,24 - L=466,10 m)

BALLAST (BALLAST)

Sezione	Distanza progressiva	Area	Area Media	Distanza parziale	Volume	Raggio	Distanza baricentro	Fattore K	Fattore K medio	Volume	
										Parziale	Totale
RI41-19 Sx	26+500,00	4,04 m <sup>2</sup>	4,06 m <sup>2</sup>	31,240	126,77 m <sup>3</sup>	-5773,413	-3,563	0,9993829	0,9992949	126,68 m <sup>3</sup>	2511,65 m <sup>3</sup>
RI41-20	26+531,24	4,08 m <sup>2</sup>				-4486,849	-3,559	0,9992068			
RI41-19 Dx	26+500,00	1,76 m <sup>2</sup>	1,80 m <sup>2</sup>	31,240	56,26 m <sup>3</sup>	-5773,413	1,331	1,0002305	1,0002639	56,27 m <sup>3</sup>	2567,92 m <sup>3</sup>
RI41-20	26+531,24	1,84 m <sup>2</sup>				-4486,849	1,334	1,0002973			

ASSE: AV BP

COMPUTO DELLE QUANTITA'

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WBS: RI41 (Rilevato ferroviario da pk 26+065,14 a pk 26+531,24 - L=466,10 m)

BONIFICA (BON)

Sezione	Distanza progressiva	Sviluppo	Sviluppo Media	Distanza parziale	Area	Raggio	Distanza baricentro	Fattore K	Fattore K medio	Area	
										Parziale	Totale
RI41-1	26+065,14	25,78 m	25,94 m	9,860	255,77 m <sup>2</sup>	0,000	-2,284	1,0000000	1,0000000	255,77 m <sup>2</sup>	255,77 m <sup>2</sup>
RI41-2	26+075,00	26,10 m				0,000	-2,467	1,0000000			
RI41-2	26+075,00	26,10 m	25,98 m	25,000	649,40 m <sup>2</sup>	0,000	-2,467	1,0000000	1,0000000	649,40 m <sup>2</sup>	905,17 m <sup>2</sup>
RI41-3	26+100,00	25,85 m				0,000	-2,279	1,0000000			
RI41-3	26+100,00	25,85 m	26,18 m	25,000	654,58 m <sup>2</sup>	0,000	-2,279	1,0000000	1,0000000	654,58 m <sup>2</sup>	1559,75 m <sup>2</sup>
RI41-4	26+125,00	26,52 m				0,000	-2,266	1,0000000			
RI41-4	26+125,00	26,52 m	26,51 m	25,000	662,79 m <sup>2</sup>	0,000	-2,266	1,0000000	1,0000000	662,79 m <sup>2</sup>	2222,54 m <sup>2</sup>
RI41-5	26+150,00	26,51 m				0,000	-2,074	1,0000000			
RI41-5	26+150,00	26,51 m	26,50 m	25,000	662,38 m <sup>2</sup>	0,000	-2,074	1,0000000	1,0000000	662,38 m <sup>2</sup>	2884,92 m <sup>2</sup>
RI41-6	26+175,00	26,48 m				0,000	-2,179	1,0000000			
RI41-6	26+175,00	26,48 m	26,57 m	25,000	664,13 m <sup>2</sup>	0,000	-2,179	1,0000000	1,0000000	664,13 m <sup>2</sup>	3549,05 m <sup>2</sup>
RI41-7	26+200,00	26,65 m				0,000	-2,274	1,0000000			
RI41-7	26+200,00	26,65 m	26,74 m	25,000	668,49 m <sup>2</sup>	0,000	-2,274	1,0000000	1,0000000	668,49 m <sup>2</sup>	4217,54 m <sup>2</sup>
RI41-8	26+225,00	26,83 m				0,000	-2,380	1,0000000			
RI41-8	26+225,00	26,83 m	27,41 m	25,000	685,16 m <sup>2</sup>	0,000	-2,380	1,0000000	1,0000000	685,16 m <sup>2</sup>	4902,70 m <sup>2</sup>
RI41-9	26+250,00	27,98 m				0,000	-2,291	1,0000000			
RI41-9	26+250,00	27,98 m	28,57 m	25,000	714,15 m <sup>2</sup>	0,000	-2,291	1,0000000	1,0000000	714,15 m <sup>2</sup>	5616,85 m <sup>2</sup>
RI41-10	26+275,00	29,15 m				0,000	-2,194	1,0000000			
RI41-10	26+275,00	29,15 m	29,23 m	25,000	730,63 m <sup>2</sup>	0,000	-2,194	1,0000000	1,0000000	730,63 m <sup>2</sup>	6347,48 m <sup>2</sup>
RI41-11	26+300,00	29,30 m				0,000	-2,326	1,0000000			
RI41-11	26+300,00	29,30 m	29,45 m	25,000	736,25 m <sup>2</sup>	0,000	-2,326	1,0000000	1,0000000	736,25 m <sup>2</sup>	7083,73 m <sup>2</sup>
RI41-12	26+325,00	29,60 m				0,000	-2,520	1,0000000			

ASSE: AV BP

COMPUTO DELLE QUANTITA'

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WBS: RI41 (Rilevato ferroviario da pk 26+065,14 a pk 26+531,24 - L=466,10 m)

BONIFICA (BON)

Sezione	Distanza progressiva	Sviluppo	Sviluppo Media	Distanza parziale	Area	Raggio	Distanza baricentro	Fattore K	Fattore K medio	Area	
										Parziale	Totale
RI41-12	26+325,00	29,60 m	29,70 m	25,000	742,62 m <sup>2</sup>	0,000	-2,520	1,0000000	1,0000000	742,62 m <sup>2</sup>	7826,35 m <sup>2</sup>
RI41-13	26+350,00	29,81 m	29,61 m	25,000	740,35 m <sup>2</sup>	0,000	-2,310	1,0000000	1,0000000	740,35 m <sup>2</sup>	8566,70 m <sup>2</sup>
RI41-14	26+375,00	29,42 m	29,15 m	16,052	467,97 m <sup>2</sup>	0,000	-2,078	1,0000000	1,0000000	467,97 m <sup>2</sup>	9034,67 m <sup>2</sup>
RI41-15	26+391,05	28,89 m	28,48 m	33,948	966,83 m <sup>2</sup>	0,000	-2,049	1,0000000	0,9999407	966,77 m <sup>2</sup>	10001,44 m <sup>2</sup>
RI41-16	26+425,00	28,07 m	27,99 m	25,000	699,85 m <sup>2</sup>	-18528,511	-2,200	0,9998813	0,9998295	699,73 m <sup>2</sup>	10701,17 m <sup>2</sup>
RI41-17	26+450,00	27,92 m	28,09 m	25,000	702,14 m <sup>2</sup>	-10670,479	-2,373	0,9997776	0,9997206	701,94 m <sup>2</sup>	11403,11 m <sup>2</sup>
RI41-18	26+475,00	28,26 m	28,04 m	25,000	701,06 m <sup>2</sup>	-7492,762	-2,521	0,9996636	0,9996193	700,79 m <sup>2</sup>	12103,90 m <sup>2</sup>
RI41-19	26+500,00	27,83 m	27,46 m	31,240	857,83 m <sup>2</sup>	-5773,413	-2,454	0,9995750	0,9995052	857,41 m <sup>2</sup>	12961,31 m <sup>2</sup>
RI41-20	26+531,24	27,09 m				-4486,849	-2,534	0,9994353			



ASSE: AV BP

COMPUTO DELLE QUANTITA'

Pagina: 12 / 27

WBS: RI41 (Rilevato ferroviario da pk 26+065,14 a pk 26+531,24 - L=466,10 m)

GEOTESSILE (GEOTESSILE)

Sezione	Distanza progressiva	Sviluppo	Sviluppo Media	Distanza parziale	Area	Raggio	Distanza baricentro	Fattore K	Fattore K medio	Area	
										Parziale	Totale
RI41-12	26+325,00	58,49 m	59,11 m	25,000	1477,86 m <sup>2</sup>	0,000	-2,250	1,0000000	1,0000000	1477,86 m <sup>2</sup>	15598,77 m <sup>2</sup>
RI41-13	26+350,00	59,74 m	59,03 m	25,000	1475,82 m <sup>2</sup>	0,000	-2,250	1,0000000	1,0000000	1475,82 m <sup>2</sup>	17074,59 m <sup>2</sup>
RI41-14	26+375,00	58,33 m	57,83 m	16,052	928,35 m <sup>2</sup>	0,000	-2,250	1,0000000	1,0000000	928,35 m <sup>2</sup>	18002,94 m <sup>2</sup>
RI41-15	26+391,05	57,34 m	56,82 m	33,948	1929,03 m <sup>2</sup>	0,000	-2,250	1,0000000	0,9999393	1928,91 m <sup>2</sup>	19931,85 m <sup>2</sup>
RI41-16	26+425,00	56,31 m	56,01 m	25,000	1400,22 m <sup>2</sup>	-18528,511	-2,250	0,9998786	0,9998338	1399,99 m <sup>2</sup>	21331,84 m <sup>2</sup>
RI41-17	26+450,00	55,71 m	55,58 m	25,000	1389,58 m <sup>2</sup>	-10670,479	-2,250	0,9997891	0,9997444	1389,22 m <sup>2</sup>	22721,06 m <sup>2</sup>
RI41-18	26+475,00	55,45 m	55,33 m	25,000	1383,13 m <sup>2</sup>	-7492,762	-2,250	0,9996997	0,9996550	1382,65 m <sup>2</sup>	24103,71 m <sup>2</sup>
RI41-19	26+500,00	55,20 m	54,47 m	31,240	1701,77 m <sup>2</sup>	-5773,413	-2,250	0,9996103	0,9995544	1701,01 m <sup>2</sup>	25804,72 m <sup>2</sup>
RI41-20	26+531,24	53,75 m				-4486,849	-2,250	0,9994985			

ASSE: AV BP

COMPUTO DELLE QUANTITA'

Pagina: 13 / 27

WBS: RI41 (Rilevato ferroviario da pk 26+065,14 a pk 26+531,24 - L=466,10 m)

RILEVATO (RI)

Sezione	Distanza progressiva	Area	Area Media	Distanza parziale	Volume	Raggio	Distanza baricentro	Fattore K	Fattore K medio	Volume	
										Parziale	Totale
RI41-1	26+065,14	85,82 m <sup>2</sup>	87,42 m <sup>2</sup>	9,860	861,93 m <sup>3</sup>	0,000	-6,389	1,0000000	1,0000000	861,93 m <sup>3</sup>	861,93 m <sup>3</sup>
RI41-2	26+075,00	89,01 m <sup>2</sup>	90,01 m <sup>2</sup>	25,000	2250,16 m <sup>3</sup>	0,000	-6,482	1,0000000	1,0000000	2250,16 m <sup>3</sup>	3112,09 m <sup>3</sup>
RI41-3	26+100,00	91,00 m <sup>2</sup>	92,48 m <sup>2</sup>	25,000	2312,02 m <sup>3</sup>	0,000	-6,445	1,0000000	1,0000000	2312,02 m <sup>3</sup>	5424,11 m <sup>3</sup>
RI41-4	26+125,00	93,96 m <sup>2</sup>	95,32 m <sup>2</sup>	25,000	2382,90 m <sup>3</sup>	0,000	-6,488	1,0000000	1,0000000	2382,90 m <sup>3</sup>	7807,01 m <sup>3</sup>
RI41-5	26+150,00	96,67 m <sup>2</sup>	97,18 m <sup>2</sup>	25,000	2429,50 m <sup>3</sup>	0,000	-6,456	1,0000000	1,0000000	2429,50 m <sup>3</sup>	10236,51 m <sup>3</sup>
RI41-6	26+175,00	97,69 m <sup>2</sup>	98,41 m <sup>2</sup>	25,000	2460,19 m <sup>3</sup>	0,000	-6,483	1,0000000	1,0000000	2460,19 m <sup>3</sup>	12696,70 m <sup>3</sup>
RI41-7	26+200,00	99,13 m <sup>2</sup>	99,53 m <sup>2</sup>	25,000	2488,34 m <sup>3</sup>	0,000	-6,551	1,0000000	1,0000000	2488,34 m <sup>3</sup>	15185,04 m <sup>3</sup>
RI41-8	26+225,00	99,94 m <sup>2</sup>	105,11 m <sup>2</sup>	25,000	2627,74 m <sup>3</sup>	0,000	-6,638	1,0000000	1,0000000	2627,74 m <sup>3</sup>	17812,78 m <sup>3</sup>
RI41-9	26+250,00	110,28 m <sup>2</sup>	116,97 m <sup>2</sup>	25,000	2924,19 m <sup>3</sup>	0,000	-6,767	1,0000000	1,0000000	2924,19 m <sup>3</sup>	20736,97 m <sup>3</sup>
RI41-10	26+275,00	123,65 m <sup>2</sup>	124,22 m <sup>2</sup>	25,000	3105,58 m <sup>3</sup>	0,000	-6,880	1,0000000	1,0000000	3105,58 m <sup>3</sup>	23842,55 m <sup>3</sup>
RI41-11	26+300,00	124,79 m <sup>2</sup>	126,24 m <sup>2</sup>	25,000	3156,07 m <sup>3</sup>	0,000	-6,971	1,0000000	1,0000000	3156,07 m <sup>3</sup>	26998,62 m <sup>3</sup>
RI41-12	26+325,00	127,69 m <sup>2</sup>				0,000	-7,119	1,0000000			

ASSE: AV BP

COMPUTO DELLE QUANTITA'

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WBS: RI41 (Rilevato ferroviario da pk 26+065,14 a pk 26+531,24 - L=466,10 m)

RILEVATO (RI)

Sezione	Distanza progressiva	Area	Area Media	Distanza parziale	Volume	Raggio	Distanza baricentro	Fattore K	Fattore K medio	Volume	
										Parziale	Totale
RI41-12	26+325,00	127,69 m <sup>2</sup>	129,54 m <sup>2</sup>	25,000	3238,42 m <sup>3</sup>	0,000	-7,119	1,0000000	1,0000000	3238,42 m <sup>3</sup>	30237,04 m <sup>3</sup>
RI41-13	26+350,00	131,38 m <sup>2</sup>	128,67 m <sup>2</sup>	25,000	3216,82 m <sup>3</sup>	0,000	-7,041	1,0000000	1,0000000	3216,82 m <sup>3</sup>	33453,86 m <sup>3</sup>
RI41-14	26+375,00	125,97 m <sup>2</sup>	122,99 m <sup>2</sup>	16,052	1974,29 m <sup>3</sup>	0,000	-6,881	1,0000000	1,0000000	1974,29 m <sup>3</sup>	35428,15 m <sup>3</sup>
RI41-15	26+391,05	71,22 m <sup>2</sup>	68,96 m <sup>2</sup>	33,948	2341,06 m <sup>3</sup>	0,000	-6,769	1,0000000	0,9998187	2340,64 m <sup>3</sup>	37768,79 m <sup>3</sup>
RI41-16 Sx	26+425,00	66,70 m <sup>2</sup>	46,39 m <sup>2</sup>	33,948	1574,84 m <sup>3</sup>	-18528,511	-6,719	0,9996374	1,0001256	1575,04 m <sup>3</sup>	39343,83 m <sup>3</sup>
RI41-15 Dx	26+391,05	48,80 m <sup>2</sup>	67,15 m <sup>2</sup>	25,000	1678,78 m <sup>3</sup>	0,000	4,852	1,0000000	0,9995014	1677,94 m <sup>3</sup>	41021,77 m <sup>3</sup>
RI41-16 Sx	26+425,00	43,98 m <sup>2</sup>	43,52 m <sup>2</sup>	25,000	1087,97 m <sup>3</sup>	-18528,511	4,655	1,0002512	1,0003390	1088,34 m <sup>3</sup>	42110,11 m <sup>3</sup>
RI41-16 Dx	26+425,00	66,70 m <sup>2</sup>	68,93 m <sup>2</sup>	25,000	1723,29 m <sup>3</sup>	-18528,511	-6,719	0,9996374	0,9992213	1721,95 m <sup>3</sup>	43832,06 m <sup>3</sup>
RI41-17 Sx	26+450,00	67,60 m <sup>2</sup>	43,29 m <sup>2</sup>	25,000	1082,33 m <sup>3</sup>	-10670,479	4,553	1,0004267	1,0005177	1082,89 m <sup>3</sup>	44914,95 m <sup>3</sup>
RI41-17 Dx	26+450,00	43,06 m <sup>2</sup>	70,40 m <sup>2</sup>	25,000	1760,11 m <sup>3</sup>	-10670,479	-6,773	0,9993653	0,9989534	1758,27 m <sup>3</sup>	46673,22 m <sup>3</sup>
RI41-18 Sx	26+475,00	70,26 m <sup>2</sup>	43,49 m <sup>2</sup>	25,000	1087,36 m <sup>3</sup>	-7492,762	-6,914	0,9990772	1,0006927	1088,11 m <sup>3</sup>	47761,33 m <sup>3</sup>
RI41-18 Dx	26+475,00	43,53 m <sup>2</sup>	43,46 m <sup>2</sup>			-7492,762	4,561	1,0006087			
RI41-19 Sx	26+500,00	70,54 m <sup>2</sup>				-5773,413	-6,757	0,9988296			
RI41-19 Dx	26+500,00	43,46 m <sup>2</sup>				-5773,413	4,484	1,0007767			

ASSE: AV BP

COMPUTO DELLE QUANTITA'

Pagina: 15 / 27

WBS: RI41 (Rilevato ferroviario da pk 26+065,14 a pk 26+531,24 - L=466,10 m)

RILEVATO (RI)

Sezione	Distanza progressiva	Area	Area Media	Distanza parziale	Volume	Raggio	Distanza baricentro	Fattore K	Fattore K medio	Volume	
										Parziale	Totale
RI41-19	26+500,00	70,54 m <sup>2</sup>									
Sx			69,83 m <sup>2</sup>	31,240	2181,46 m <sup>3</sup>	-5773,413	-6,757	0,9988296			
RI41-20	26+531,24	69,11 m <sup>2</sup>							0,9987007	2178,63 m <sup>3</sup>	49939,96 m <sup>3</sup>
RI41-19	26+500,00	43,46 m <sup>2</sup>									
Dx			39,43 m <sup>2</sup>	31,240	1231,70 m <sup>3</sup>	-5773,413	4,484	1,0007767			
RI41-20	26+531,24	35,39 m <sup>2</sup>							1,0008658	1232,77 m <sup>3</sup>	51172,73 m <sup>3</sup>



ASSE: AV BP

COMPUTO DELLE QUANTITA'

Pagina: 16 / 27

WBS: RI41 (Rilevato ferroviario da pk 26+065,14 a pk 26+531,24 - L=466,10 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
RI41-1	26+065,14	30,37 m <sup>2</sup>	27,23 m <sup>2</sup>	9,860	268,53 m <sup>3</sup>	0,000	-18,453	1,0000000	1,0000000	268,53 m <sup>3</sup>	268,53 m <sup>3</sup>
RI41-2	26+075,00	24,10 m <sup>2</sup>	29,64 m <sup>2</sup>	25,000	741,02 m <sup>3</sup>	0,000	-19,178	1,0000000	1,0000000	741,02 m <sup>3</sup>	1009,55 m <sup>3</sup>
RI41-2	26+075,00	24,10 m <sup>2</sup>	32,70 m <sup>2</sup>	25,000	817,59 m <sup>3</sup>	0,000	-18,802	1,0000000	1,0000000	817,59 m <sup>3</sup>	1827,14 m <sup>3</sup>
RI41-3	26+100,00	35,19 m <sup>2</sup>	26,06 m <sup>2</sup>	25,000	651,45 m <sup>3</sup>	0,000	-15,384	1,0000000	1,0000000	651,45 m <sup>3</sup>	2478,59 m <sup>3</sup>
RI41-3	26+100,00	35,19 m <sup>2</sup>	18,56 m <sup>2</sup>	25,000	463,93 m <sup>3</sup>	0,000	-15,664	1,0000000	1,0000000	463,93 m <sup>3</sup>	2942,52 m <sup>3</sup>
RI41-4	26+125,00	30,22 m <sup>2</sup>	14,12 m <sup>2</sup>	25,000	352,89 m <sup>3</sup>	0,000	-15,797	1,0000000	1,0000000	352,89 m <sup>3</sup>	3295,41 m <sup>3</sup>
RI41-4	26+125,00	30,22 m <sup>2</sup>	12,05 m <sup>2</sup>	25,000	301,18 m <sup>3</sup>	0,000	-15,922	1,0000000	1,0000000	301,18 m <sup>3</sup>	3596,59 m <sup>3</sup>
RI41-5	26+150,00	21,89 m <sup>2</sup>	11,08 m <sup>2</sup>	25,000	301,24 m <sup>3</sup>	0,000	-16,086	1,0000000	1,0000000	301,24 m <sup>3</sup>	3897,83 m <sup>3</sup>
RI41-5	26+150,00	21,89 m <sup>2</sup>	12,05 m <sup>2</sup>	25,000	301,24 m <sup>3</sup>	0,000	-16,086	1,0000000	1,0000000	301,24 m <sup>3</sup>	3897,83 m <sup>3</sup>
RI41-6	26+175,00	15,22 m <sup>2</sup>	13,65 m <sup>2</sup>	25,000	341,23 m <sup>3</sup>	0,000	-15,948	1,0000000	1,0000000	341,23 m <sup>3</sup>	4239,06 m <sup>3</sup>
RI41-6	26+175,00	15,22 m <sup>2</sup>	13,65 m <sup>2</sup>	25,000	341,23 m <sup>3</sup>	0,000	-15,948	1,0000000	1,0000000	341,23 m <sup>3</sup>	4239,06 m <sup>3</sup>
RI41-7	26+200,00	13,01 m <sup>2</sup>	13,63 m <sup>2</sup>	25,000	340,65 m <sup>3</sup>	0,000	-16,204	1,0000000	1,0000000	340,65 m <sup>3</sup>	4579,71 m <sup>3</sup>
RI41-7	26+200,00	13,01 m <sup>2</sup>	12,49 m <sup>2</sup>	25,000	312,20 m <sup>3</sup>	0,000	-16,164	1,0000000	1,0000000	312,20 m <sup>3</sup>	4891,91 m <sup>3</sup>
RI41-8	26+225,00	11,08 m <sup>2</sup>	12,05 m <sup>2</sup>	25,000	301,24 m <sup>3</sup>	0,000	-16,445	1,0000000	1,0000000	301,24 m <sup>3</sup>	3897,83 m <sup>3</sup>
RI41-8	26+225,00	11,08 m <sup>2</sup>	12,05 m <sup>2</sup>	25,000	301,24 m <sup>3</sup>	0,000	-16,445	1,0000000	1,0000000	301,24 m <sup>3</sup>	3897,83 m <sup>3</sup>
RI41-9	26+250,00	13,02 m <sup>2</sup>	13,65 m <sup>2</sup>	25,000	341,23 m <sup>3</sup>	0,000	-15,948	1,0000000	1,0000000	341,23 m <sup>3</sup>	4239,06 m <sup>3</sup>
RI41-9	26+250,00	13,02 m <sup>2</sup>	13,65 m <sup>2</sup>	25,000	341,23 m <sup>3</sup>	0,000	-15,948	1,0000000	1,0000000	341,23 m <sup>3</sup>	4239,06 m <sup>3</sup>
RI41-10	26+275,00	14,28 m <sup>2</sup>	13,63 m <sup>2</sup>	25,000	340,65 m <sup>3</sup>	0,000	-16,204	1,0000000	1,0000000	340,65 m <sup>3</sup>	4579,71 m <sup>3</sup>
RI41-10	26+275,00	14,28 m <sup>2</sup>	13,63 m <sup>2</sup>	25,000	340,65 m <sup>3</sup>	0,000	-16,204	1,0000000	1,0000000	340,65 m <sup>3</sup>	4579,71 m <sup>3</sup>
RI41-11	26+300,00	12,97 m <sup>2</sup>	12,49 m <sup>2</sup>	25,000	312,20 m <sup>3</sup>	0,000	-16,164	1,0000000	1,0000000	312,20 m <sup>3</sup>	4891,91 m <sup>3</sup>
RI41-11	26+300,00	12,97 m <sup>2</sup>	12,49 m <sup>2</sup>	25,000	312,20 m <sup>3</sup>	0,000	-16,164	1,0000000	1,0000000	312,20 m <sup>3</sup>	4891,91 m <sup>3</sup>
RI41-12	26+325,00	12,01 m <sup>2</sup>				0,000		1,0000000			

ASSE: AV BP

COMPUTO DELLE QUANTITA'

Pagina: 17 / 27

WBS: RI41 (Rilevato ferroviario da pk 26+065,14 a pk 26+531,24 - L=466,10 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
RI41-12	26+325,00	12,01 m <sup>2</sup>	16,30 m <sup>2</sup>	25,000	407,50 m <sup>3</sup>	0,000	-16,445	1,0000000	1,0000000	407,50 m <sup>3</sup>	5299,41 m <sup>3</sup>
RI41-13	26+350,00	20,59 m <sup>2</sup>	20,24 m <sup>2</sup>	25,000	506,12 m <sup>3</sup>	0,000	-19,035	1,0000000	1,0000000	506,12 m <sup>3</sup>	5805,53 m <sup>3</sup>
RI41-14	26+375,00	19,90 m <sup>2</sup>	18,96 m <sup>2</sup>	16,052	304,39 m <sup>3</sup>	0,000	-18,981	1,0000000	1,0000000	304,39 m <sup>3</sup>	6109,92 m <sup>3</sup>
RI41-15	26+391,05	6,48 m <sup>2</sup>	6,16 m <sup>2</sup>	33,948	209,01 m <sup>3</sup>	0,000	-18,995	1,0000000	0,9994866	208,90 m <sup>3</sup>	6318,82 m <sup>3</sup>
Sx RI41-16	26+425,00	5,84 m <sup>2</sup>	10,16 m <sup>2</sup>	33,948	344,98 m <sup>3</sup>	-18528,511	-19,026	0,9989732	1,0004161	345,12 m <sup>3</sup>	6663,94 m <sup>3</sup>
Dx RI41-15	26+391,05	11,55 m <sup>2</sup>	7,50 m <sup>2</sup>	25,000	187,41 m <sup>3</sup>	0,000	15,678	1,0000000	0,9985466	187,14 m <sup>3</sup>	6851,08 m <sup>3</sup>
Sx RI41-16	26+425,00	8,77 m <sup>2</sup>	7,87 m <sup>2</sup>	25,000	196,82 m <sup>3</sup>	-18528,511	15,418	1,0008321	1,0011311	197,04 m <sup>3</sup>	7048,12 m <sup>3</sup>
Dx RI41-16	26+425,00	5,84 m <sup>2</sup>	11,26 m <sup>2</sup>	25,000	281,38 m <sup>3</sup>	-18528,511	-19,026	0,9989732	0,9976615	280,72 m <sup>3</sup>	7328,84 m <sup>3</sup>
Sx RI41-17	26+450,00	9,16 m <sup>2</sup>	6,92 m <sup>2</sup>	25,000	172,96 m <sup>3</sup>	-10670,479	-20,061	0,9981200	1,0017327	173,26 m <sup>3</sup>	7502,10 m <sup>3</sup>
Dx RI41-17	26+450,00	9,16 m <sup>2</sup>	6,86 m <sup>2</sup>	25,000	166,92 m <sup>3</sup>	-10670,479	-20,061	0,9981200	0,9986015	166,69 m <sup>3</sup>	7668,79 m <sup>3</sup>
Sx RI41-18	26+475,00	13,35 m <sup>2</sup>	3,43 m <sup>2</sup>	25,000	85,79 m <sup>3</sup>	-7492,762	-20,957	0,9972030	1,0010177	85,88 m <sup>3</sup>	7754,67 m <sup>3</sup>
Dx RI41-18	26+475,00	6,97 m <sup>2</sup>	0,00 m <sup>2</sup>	25,000	0,00 m <sup>3</sup>	-10670,479	15,260	1,0014301	1,0000000	0,00 m <sup>3</sup>	0,00 m <sup>3</sup>
Sx RI41-19	26+500,00	0,00 m <sup>2</sup>	0,00 m <sup>2</sup>	25,000	0,00 m <sup>3</sup>	-5773,413	0,000	1,0000000	1,0000000	0,00 m <sup>3</sup>	0,00 m <sup>3</sup>
Dx RI41-18	26+475,00	6,86 m <sup>2</sup>	0,00 m <sup>2</sup>	25,000	0,00 m <sup>3</sup>	-7492,762	15,250	1,0020353	1,0000000	0,00 m <sup>3</sup>	0,00 m <sup>3</sup>
Sx RI41-19	26+500,00	0,00 m <sup>2</sup>	0,00 m <sup>2</sup>	25,000	0,00 m <sup>3</sup>	-5773,413	0,000	1,0000000	1,0000000	0,00 m <sup>3</sup>	0,00 m <sup>3</sup>

ASSE: AV BP

COMPUTO DELLE QUANTITA'

Pagina: 18 / 27

WBS: ()

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Sezione	Distanza progressiva		Media	Distanza parziale		Raggio	Distanza baricentro	Fattore K	Fattore K medio		
										Parziale	Totale
RI41-19	26+500,00	0,00 m <sup>2</sup>									
			1,31 m <sup>2</sup>	31,240	40,98 m <sup>3</sup>	-5773,413	0,000	1,0000000			
RI41-20	26+531,24	2,62 m <sup>2</sup>							0,9979957	40,90 m <sup>3</sup>	7795,57 m <sup>3</sup>
						-4486,849	-17,986	0,9959914			

ASSE: AV BP

COMPUTO DELLE QUANTITA'

Pagina: 19 / 27

WBS: RI41 (Rilevato ferroviario da pk 26+065,14 a pk 26+531,24 - L=466,10 m)

SCOTICO (RILEVATO) (SCOT)

Sezione	Distanza progressiva	Sviluppo	Sviluppo Media	Distanza parziale	Area	Raggio	Distanza baricentro	Fattore K	Fattore K medio	Area	
										Parziale	Totale
RI41-1	26+065,14	41,72 m	41,71 m	9,860	411,30 m <sup>2</sup>	0,000	-2,912	1,0000000	1,0000000	411,30 m <sup>2</sup>	411,30 m <sup>2</sup>
RI41-2	26+075,00	41,71 m	41,96 m	25,000	1048,93 m <sup>2</sup>	0,000	-3,135	1,0000000	1,0000000	1048,93 m <sup>2</sup>	1460,23 m <sup>2</sup>
RI41-3	26+100,00	42,20 m	38,71 m	25,000	967,80 m <sup>2</sup>	0,000	-3,295	1,0000000	1,0000000	967,80 m <sup>2</sup>	2428,03 m <sup>2</sup>
RI41-4	26+125,00	35,22 m	35,35 m	25,000	883,73 m <sup>2</sup>	0,000	-1,986	1,0000000	1,0000000	883,73 m <sup>2</sup>	3311,76 m <sup>2</sup>
RI41-5	26+150,00	35,48 m	35,20 m	25,000	879,99 m <sup>2</sup>	0,000	0,594	1,0000000	1,0000000	879,99 m <sup>2</sup>	4191,75 m <sup>2</sup>
RI41-6	26+175,00	34,92 m	34,86 m	25,000	871,60 m <sup>2</sup>	0,000	0,710	1,0000000	1,0000000	871,60 m <sup>2</sup>	5063,35 m <sup>2</sup>
RI41-7	26+200,00	34,81 m	34,80 m	25,000	870,11 m <sup>2</sup>	0,000	0,654	1,0000000	1,0000000	870,11 m <sup>2</sup>	5933,46 m <sup>2</sup>
RI41-8	26+225,00	34,80 m	35,20 m	25,000	879,98 m <sup>2</sup>	0,000	0,650	1,0000000	1,0000000	879,98 m <sup>2</sup>	6813,44 m <sup>2</sup>
RI41-9	26+250,00	35,60 m	35,85 m	25,000	896,37 m <sup>2</sup>	0,000	1,049	1,0000000	1,0000000	896,37 m <sup>2</sup>	7709,81 m <sup>2</sup>
RI41-10	26+275,00	36,11 m	36,08 m	25,000	902,01 m <sup>2</sup>	0,000	1,306	1,0000000	1,0000000	902,01 m <sup>2</sup>	8611,82 m <sup>2</sup>
RI41-11	26+300,00	36,05 m	36,03 m	25,000	900,86 m <sup>2</sup>	0,000	1,275	1,0000000	1,0000000	900,86 m <sup>2</sup>	9512,68 m <sup>2</sup>
RI41-12	26+325,00	36,02 m				0,000	1,259	1,0000000			

ASSE: AV BP

COMPUTO DELLE QUANTITA'

Pagina: 20 / 27

WBS: RI41 (Rilevato ferroviario da pk 26+065,14 a pk 26+531,24 - L=466,10 m)

SCOTICO (RILEVATO) (SCOT)

Sezione	Distanza progressiva	Sviluppo	Sviluppo Media	Distanza parziale	Area	Raggio	Distanza baricentro	Fattore K	Fattore K medio	Area	
										Parziale	Totale
RI41-12	26+325,00	36,02 m	38,39 m	25,000	959,64 m <sup>2</sup>	0,000	1,259	1,0000000	1,0000000	959,64 m <sup>2</sup>	10472,32 m <sup>2</sup>
RI41-13	26+350,00	40,75 m	40,88 m	25,000	1022,03 m <sup>2</sup>	0,000	-0,847	1,0000000	1,0000000	1022,03 m <sup>2</sup>	11494,35 m <sup>2</sup>
RI41-14	26+375,00	41,01 m	40,92 m	16,052	656,83 m <sup>2</sup>	0,000	-0,769	1,0000000	1,0000000	656,83 m <sup>2</sup>	12151,18 m <sup>2</sup>
RI41-15	26+391,05	40,83 m	40,55 m	33,948	1376,44 m <sup>2</sup>	0,000	-0,875	1,0000000	0,9999682	1376,40 m <sup>2</sup>	13527,58 m <sup>2</sup>
RI41-16	26+425,00	40,26 m	41,24 m	25,000	1030,89 m <sup>2</sup>	-18528,511	-1,178	0,9999364	0,9998473	1030,73 m <sup>2</sup>	14558,31 m <sup>2</sup>
RI41-17	26+450,00	42,21 m	43,02 m	25,000	1075,57 m <sup>2</sup>	-10670,479	-2,580	0,9997582	0,9996509	1075,19 m <sup>2</sup>	15633,50 m <sup>2</sup>
RI41-18	26+475,00	43,84 m	36,36 m	25,000	908,91 m <sup>2</sup>	-7492,762	-3,420	0,9995436	0,9995587	908,51 m <sup>2</sup>	16542,01 m <sup>2</sup>
RI41-19	26+500,00	28,87 m	30,52 m	31,240	953,48 m <sup>2</sup>	-5773,413	-2,461	0,9995737	0,9992829	952,80 m <sup>2</sup>	17494,81 m <sup>2</sup>
RI41-20	26+531,24	32,17 m				-4486,849	-4,523	0,9989920			



ASSE: AV BP

COMPUTO DELLE QUANTITA'

Pagina: 22 / 27

WBS: RI41 (Rilevato ferroviario da pk 26+065,14 a pk 26+531,24 - L=466,10 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
RI41-12	26+325,00	0,42 m <sup>2</sup>	0,53 m <sup>2</sup>	25,000	13,25 m <sup>3</sup>	0,000	-16,532	1,0000000	1,0000000	13,25 m <sup>3</sup>	171,61 m <sup>3</sup>
RI41-13	26+350,00	0,64 m <sup>2</sup>	0,64 m <sup>2</sup>	25,000	16,00 m <sup>3</sup>	0,000	-20,433	1,0000000	1,0000000	16,00 m <sup>3</sup>	187,61 m <sup>3</sup>
RI41-14	26+375,00	0,64 m <sup>2</sup>	0,64 m <sup>2</sup>	16,052	10,28 m <sup>3</sup>	0,000	-20,486	1,0000000	1,0000000	10,28 m <sup>3</sup>	197,89 m <sup>3</sup>
RI41-15	26+391,05	0,32 m <sup>2</sup>	0,32 m <sup>2</sup>	33,948	10,87 m <sup>3</sup>	0,000	-20,499	1,0000000	0,9994463	10,86 m <sup>3</sup>	208,75 m <sup>3</sup>
RI41-16	26+425,00	0,32 m <sup>2</sup>	0,32 m <sup>2</sup>	33,948	10,87 m <sup>3</sup>	-18528,511	-20,521	0,9988925	1,0004323	10,87 m <sup>3</sup>	219,62 m <sup>3</sup>
RI41-15	26+391,05	0,32 m <sup>2</sup>	0,32 m <sup>2</sup>	25,000	8,00 m <sup>3</sup>	0,000	15,996	1,0000000	1,0008646	8,00 m <sup>3</sup>	227,61 m <sup>3</sup>
RI41-16	26+425,00	0,32 m <sup>2</sup>	0,32 m <sup>2</sup>	25,000	8,01 m <sup>3</sup>	-18528,511	-20,521	0,9988925	0,9984839	7,99 m <sup>3</sup>	227,61 m <sup>3</sup>
RI41-17	26+450,00	0,32 m <sup>2</sup>	0,32 m <sup>2</sup>	25,000	8,01 m <sup>3</sup>	-10670,479	-20,538	0,9980753	1,0011837	8,02 m <sup>3</sup>	235,63 m <sup>3</sup>
RI41-16	26+425,00	0,32 m <sup>2</sup>	0,32 m <sup>2</sup>	25,000	8,01 m <sup>3</sup>	-18528,511	16,019	1,0008646	1,0011837	8,02 m <sup>3</sup>	235,63 m <sup>3</sup>
RI41-17	26+450,00	0,32 m <sup>2</sup>	0,32 m <sup>2</sup>	25,000	8,01 m <sup>3</sup>	-10670,479	16,035	1,0015027	1,0018225	8,02 m <sup>3</sup>	255,37 m <sup>3</sup>
RI41-17	26+450,00	0,32 m <sup>2</sup>	0,47 m <sup>2</sup>	25,000	11,75 m <sup>3</sup>	-10670,479	-20,538	0,9980753	0,9976163	11,72 m <sup>3</sup>	247,35 m <sup>3</sup>
RI41-18	26+475,00	0,62 m <sup>2</sup>	0,32 m <sup>2</sup>	25,000	8,01 m <sup>3</sup>	-7492,762	-21,299	0,9971574	1,0018225	8,02 m <sup>3</sup>	255,37 m <sup>3</sup>
RI41-17	26+450,00	0,32 m <sup>2</sup>	0,32 m <sup>2</sup>	25,000	8,01 m <sup>3</sup>	-10670,479	16,035	1,0015027	1,0018225	8,02 m <sup>3</sup>	255,37 m <sup>3</sup>
RI41-18	26+475,00	0,32 m <sup>2</sup>	0,32 m <sup>2</sup>	25,000	8,01 m <sup>3</sup>	-7492,762	16,052	1,0021423	0,9985787	7,74 m <sup>3</sup>	263,11 m <sup>3</sup>
RI41-18	26+475,00	0,62 m <sup>2</sup>	0,31 m <sup>2</sup>	25,000	7,75 m <sup>3</sup>	-7492,762	-21,299	0,9971574	0,9985787	7,74 m <sup>3</sup>	263,11 m <sup>3</sup>
RI41-19	26+500,00	0,00 m <sup>2</sup>	0,16 m <sup>2</sup>	25,000	4,00 m <sup>3</sup>	-5773,413	0,000	1,0000000	1,0010712	4,00 m <sup>3</sup>	267,11 m <sup>3</sup>
RI41-18	26+475,00	0,32 m <sup>2</sup>	0,16 m <sup>2</sup>	25,000	4,00 m <sup>3</sup>	-7492,762	16,052	1,0021423	1,0010712	4,00 m <sup>3</sup>	267,11 m <sup>3</sup>
RI41-19	26+500,00	0,00 m <sup>2</sup>	0,16 m <sup>2</sup>	25,000	4,00 m <sup>3</sup>	-5773,413	0,000	1,0000000	1,0010712	4,00 m <sup>3</sup>	267,11 m <sup>3</sup>





ASSE: AV BP

COMPUTO DELLE QUANTITA'

Pagina: 24 / 27

WBS: RI41 (Rilevato ferroviario da pk 26+065,14 a pk 26+531,24 - L=466,10 m)

SUBBALLAST (SUBBALL)

Sezione	Distanza progressiva	Sviluppo	Sviluppo Media	Distanza parziale	Area	Raggio	Distanza baricentro	Fattore K	Fattore K medio	Area	
										Parziale	Totale
RI41-12	26+325,00	13,11 m	13,11 m	25,000	327,65 m <sup>2</sup>	0,000	-2,250	1,0000000	1,0000000	327,65 m <sup>2</sup>	3733,37 m <sup>2</sup>
RI41-13	26+350,00	13,11 m	13,11 m	25,000	327,65 m <sup>2</sup>	0,000	-2,250	1,0000000	1,0000000	327,65 m <sup>2</sup>	4061,02 m <sup>2</sup>
RI41-13	26+350,00	13,11 m	13,11 m	25,000	327,65 m <sup>2</sup>	0,000	-2,250	1,0000000	1,0000000	327,65 m <sup>2</sup>	4061,02 m <sup>2</sup>
RI41-14	26+375,00	13,11 m	13,11 m	16,052	210,38 m <sup>2</sup>	0,000	-2,250	1,0000000	1,0000000	210,38 m <sup>2</sup>	4271,40 m <sup>2</sup>
RI41-14	26+375,00	13,11 m	13,11 m	16,052	210,38 m <sup>2</sup>	0,000	-2,250	1,0000000	1,0000000	210,38 m <sup>2</sup>	4271,40 m <sup>2</sup>
RI41-15	26+391,05	13,11 m	13,11 m	33,948	444,92 m <sup>2</sup>	0,000	-2,250	1,0000000	0,9999393	444,89 m <sup>2</sup>	4716,29 m <sup>2</sup>
RI41-15	26+391,05	13,11 m	13,11 m	33,948	444,92 m <sup>2</sup>	0,000	-2,250	1,0000000	0,9999393	444,89 m <sup>2</sup>	4716,29 m <sup>2</sup>
RI41-16	26+425,00	13,11 m	13,11 m	25,000	327,65 m <sup>2</sup>	-18528,511	-2,250	0,9998786	0,9998338	327,60 m <sup>2</sup>	5043,89 m <sup>2</sup>
RI41-16	26+425,00	13,11 m	13,11 m	25,000	327,65 m <sup>2</sup>	-18528,511	-2,250	0,9998786	0,9998338	327,60 m <sup>2</sup>	5043,89 m <sup>2</sup>
RI41-17	26+450,00	13,11 m	13,11 m	25,000	327,65 m <sup>2</sup>	-10670,479	-2,250	0,9997891	0,9997444	327,57 m <sup>2</sup>	5371,46 m <sup>2</sup>
RI41-17	26+450,00	13,11 m	13,11 m	25,000	327,65 m <sup>2</sup>	-10670,479	-2,250	0,9997891	0,9997444	327,57 m <sup>2</sup>	5371,46 m <sup>2</sup>
RI41-18	26+475,00	13,11 m	13,11 m	25,000	327,65 m <sup>2</sup>	-7492,762	-2,250	0,9996997	0,9996550	327,54 m <sup>2</sup>	5699,00 m <sup>2</sup>
RI41-18	26+475,00	13,11 m	13,11 m	25,000	327,65 m <sup>2</sup>	-7492,762	-2,250	0,9996997	0,9996550	327,54 m <sup>2</sup>	5699,00 m <sup>2</sup>
RI41-19	26+500,00	13,11 m	13,11 m	31,240	409,43 m <sup>2</sup>	-5773,413	-2,250	0,9996103	0,9995544	409,25 m <sup>2</sup>	6108,25 m <sup>2</sup>
RI41-19	26+500,00	13,11 m	13,11 m	31,240	409,43 m <sup>2</sup>	-5773,413	-2,250	0,9996103	0,9995544	409,25 m <sup>2</sup>	6108,25 m <sup>2</sup>
RI41-20	26+531,24	13,11 m	13,11 m	31,240	409,43 m <sup>2</sup>	-4486,849	-2,250	0,9994985	0,9994985	409,25 m <sup>2</sup>	6108,25 m <sup>2</sup>

ASSE: AV BP

COMPUTO DELLE QUANTITA'

Pagina: 25 / 27

WBS: RI41 (Rilevato ferroviario da pk 26+065,14 a pk 26+531,24 - L=466,10 m)

TERRENO VEGETALE (TVEG)

Sezione	Distanza progressiva	Sviluppo	Sviluppo Media	Distanza parziale	Area	Raggio	Distanza baricentro	Fattore K	Fattore K medio	Area	
										Parziale	Totale
RI41-1	26+065,14	20,10 m	15,76 m	9,860	155,43 m <sup>2</sup>	0,000	-2,117	1,0000000	1,0000000	155,43 m <sup>2</sup>	155,43 m <sup>2</sup>
RI41-2	26+075,00	11,43 m	10,54 m	25,000	263,49 m <sup>2</sup>	0,000	-2,250	1,0000000	1,0000000	263,49 m <sup>2</sup>	418,92 m <sup>2</sup>
RI41-3	26+100,00	9,65 m	8,84 m	25,000	220,97 m <sup>2</sup>	0,000	-2,250	1,0000000	1,0000000	220,97 m <sup>2</sup>	639,89 m <sup>2</sup>
RI41-4	26+125,00	8,03 m	9,29 m	25,000	232,29 m <sup>2</sup>	0,000	0,208	1,0000000	1,0000000	232,29 m <sup>2</sup>	872,18 m <sup>2</sup>
RI41-5	26+150,00	10,55 m	12,01 m	25,000	300,34 m <sup>2</sup>	0,000	-2,232	1,0000000	1,0000000	300,34 m <sup>2</sup>	1172,52 m <sup>2</sup>
RI41-6	26+175,00	13,47 m	13,69 m	25,000	342,26 m <sup>2</sup>	0,000	-3,830	1,0000000	1,0000000	342,26 m <sup>2</sup>	1514,78 m <sup>2</sup>
RI41-7	26+200,00	13,91 m	13,52 m	25,000	337,95 m <sup>2</sup>	0,000	-3,512	1,0000000	1,0000000	337,95 m <sup>2</sup>	1852,73 m <sup>2</sup>
RI41-8	26+225,00	13,13 m	13,31 m	25,000	332,81 m <sup>2</sup>	0,000	-3,952	1,0000000	1,0000000	332,81 m <sup>2</sup>	2185,54 m <sup>2</sup>
RI41-9	26+250,00	13,50 m	13,65 m	25,000	341,22 m <sup>2</sup>	0,000	-3,657	1,0000000	1,0000000	341,22 m <sup>2</sup>	2526,76 m <sup>2</sup>
RI41-10	26+275,00	13,80 m	13,93 m	25,000	348,13 m <sup>2</sup>	0,000	-3,416	1,0000000	1,0000000	348,13 m <sup>2</sup>	2874,89 m <sup>2</sup>
RI41-11	26+300,00	14,05 m	14,14 m	25,000	353,54 m <sup>2</sup>	0,000	-3,225	1,0000000	1,0000000	353,54 m <sup>2</sup>	3228,43 m <sup>2</sup>
RI41-12	26+325,00	14,23 m				0,000	-3,081	1,0000000			

ASSE: AV BP

COMPUTO DELLE QUANTITA'

Pagina: 26 / 27

WBS: RI41 (Rilevato ferroviario da pk 26+065,14 a pk 26+531,24 - L=466,10 m)

TERRENO VEGETALE (TVEG)

Sezione	Distanza progressiva	Sviluppo	Sviluppo Media	Distanza parziale	Area	Raggio	Distanza baricentro	Fattore K	Fattore K medio	Area	
										Parziale	Totale
RI41-12	26+325,00	14,23 m	14,22 m	25,000	355,56 m <sup>2</sup>	0,000	-3,081	1,0000000	1,0000000	355,56 m <sup>2</sup>	3583,99 m <sup>2</sup>
RI41-13	26+350,00	14,21 m	14,27 m	25,000	356,83 m <sup>2</sup>	0,000	-2,851	1,0000000	1,0000000	356,83 m <sup>2</sup>	3940,82 m <sup>2</sup>
RI41-14	26+375,00	14,34 m	13,75 m	16,052	220,75 m <sup>2</sup>	0,000	-2,846	1,0000000	1,0000000	220,75 m <sup>2</sup>	4161,57 m <sup>2</sup>
RI41-15	26+391,05	13,17 m	13,20 m	33,948	447,95 m <sup>2</sup>	0,000	-2,250	1,0000000	0,9999393	447,92 m <sup>2</sup>	4609,49 m <sup>2</sup>
RI41-16	26+425,00	13,22 m	13,24 m	25,000	331,06 m <sup>2</sup>	-18528,511	-2,250	0,9998786	0,9998338	331,01 m <sup>2</sup>	4940,50 m <sup>2</sup>
RI41-17	26+450,00	13,26 m	13,28 m	25,000	332,06 m <sup>2</sup>	-10670,479	-2,250	0,9997891	0,9997444	331,98 m <sup>2</sup>	5272,48 m <sup>2</sup>
RI41-18	26+475,00	13,30 m	14,83 m	25,000	370,85 m <sup>2</sup>	-7492,762	-2,250	0,9996997	0,9996161	370,71 m <sup>2</sup>	5643,19 m <sup>2</sup>
RI41-19	26+500,00	16,37 m	15,16 m	31,240	473,69 m <sup>2</sup>	-5773,413	-2,699	0,9995324	0,9995246	473,46 m <sup>2</sup>	6116,65 m <sup>2</sup>
RI41-20	26+531,24	13,96 m				-4486,849	-2,169	0,9995167			

ASSE: AV BP

COMPUTO DELLE QUANTITA'

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WBS: RI41 (Rilevato ferroviario da pk 26+065,14 a pk 26+531,24 - L=466,10 m)

TERRENO VEGETALE STRADELLO (TV)

Sezione	Distanza progressiva	Sviluppo	Sviluppo Media	Distanza parziale	Area	Raggio	Distanza baricentro	Fattore K	Fattore K medio	Area	
										Parziale	Totale
RI41-2	26+075,00	0,00 m	2,38 m	25,000	59,57 m <sup>2</sup>	0,000	0,000	1,0000000	1,0000000	59,57 m <sup>2</sup>	59,57 m <sup>2</sup>
RI41-3	26+100,00	4,77 m	5,58 m	25,000	139,58 m <sup>2</sup>	0,000	-22,387	1,0000000	1,0000000	139,58 m <sup>2</sup>	199,15 m <sup>2</sup>
RI41-3	26+100,00	4,77 m	3,20 m	25,000	80,01 m <sup>2</sup>	0,000	-17,256	1,0000000	1,0000000	80,01 m <sup>2</sup>	279,16 m <sup>2</sup>
RI41-4	26+125,00	6,40 m				0,000					
RI41-4	26+125,00	6,40 m				0,000					
RI41-5	26+150,00	0,00 m				0,000	0,000	1,0000000			