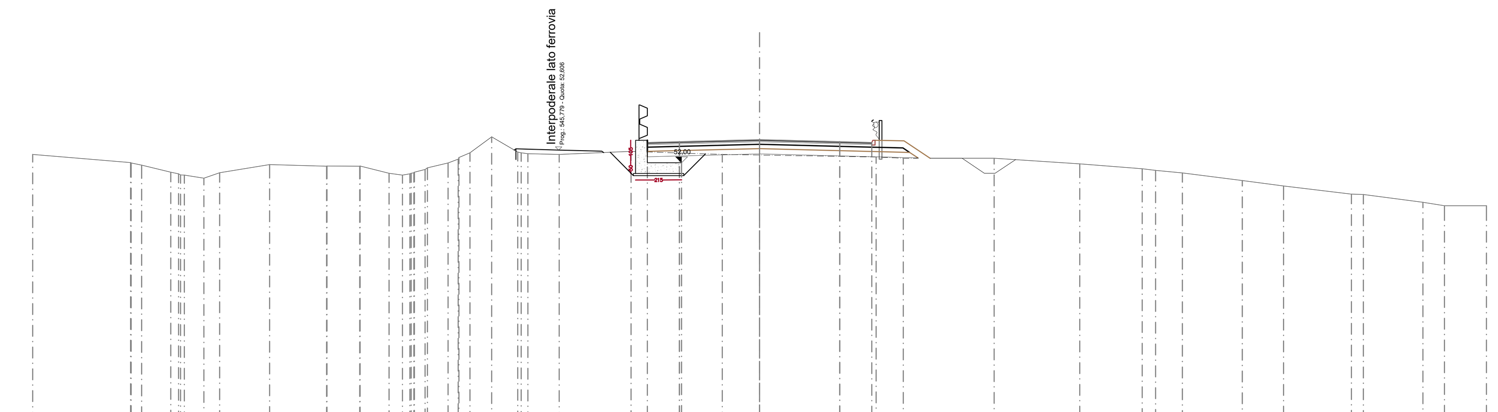
SEZIONE N.: 113
QT. PROGETTO: 53,090
DIST.PROG.: 2575,000
DIST.PREC.: 25,000
DIST.SUCC.: 25,000

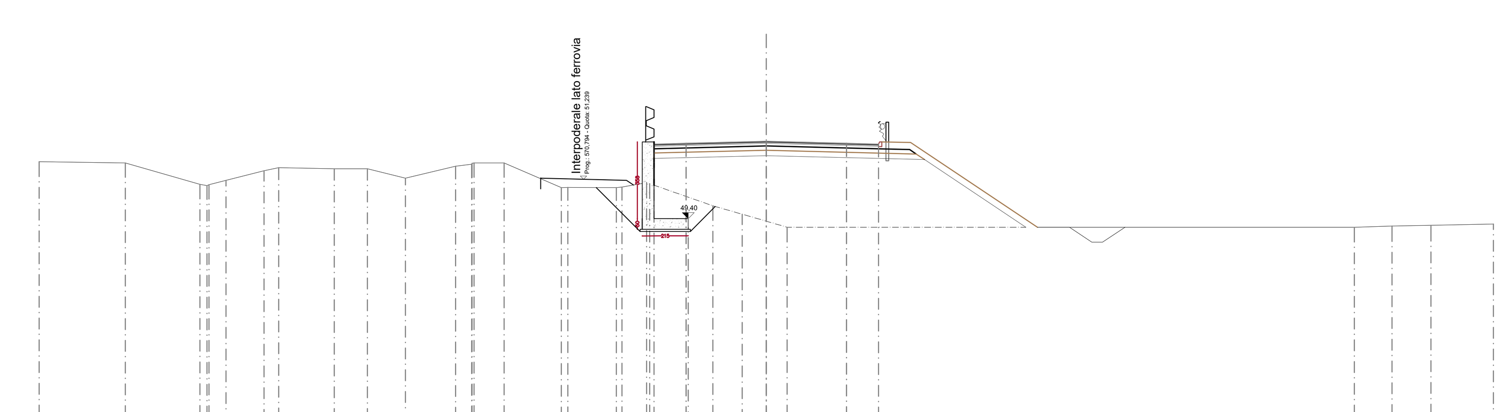


SCALA 1:200

QT.RIF. 40,000

QUOTE TERRENO	52,395 52,018 52,000 51,903 51,573 51,497 51,441 51,430 51,288 51,548 51,921 51,850 51,861 51,850 51,861 51,520 51,431 51,493 51,520 51,520 51,540 51,586 51,695 51,776 52,000 52,180 52,253 52,477 52,219 52,507 52,471 52,436 52,395 52,539 52,399 52,370 52,280 52,216 52,223 51,956 51,727 51,653 51,537 51,178 50,926 50,543 50,527 50,161 50,000 50,000
DIST. PARZIALI TERRENO	4,579 0,492 1,357 0,916 0,733 2,340 2,670 1,535 1,355 0,630 0,502 0,961 0,514 1,019 1,218 1,470 3,362 4,266 1,745 5,449 1,271 4,251 4,003 2,921 0,623 1,260 2,796 1,929 3,176 0,558 2,789 1,010 1,963
DIST. PROGR. TERRENO	-34,000 -29,421 -29,395 -28,904 -27,547 -27,181 -27,087 -26,910 -25,994 -25,261 -22,921 -20,251 -20,238 -18,703 -18,690 -17,335 -16,704 -16,363 -16,302 -16,172 -16,147 -15,645 -15,536 -14,575 -14,102 -14,062 -13,549 -12,529 -12,312 -11,149 -10,844 -9,373 -6,011 -1,745 0,000 5,449 6,720 10,972 14,974 17,896 18,518 19,778 22,574 24,504 27,680 28,238 31,027 32,037 34,000
QUOTE STRATO SUP.	52,997 53,090 52,997 52,959 53,059 53,032 52,218 52,221 52,157
DIST. PARZIALI STRATO SUP.	3,750 3,750 1,500 1,350 1,220 1,500 2,494
DIST. PROGR. STRATO SUP.	-3,750 0,000 3,750 5,250 5,400 6,750 7,970 9,470 11,965

SEZIONE N.: 114
QT. PROGETTO: 53,014
DIST.PROG.: 2600,000
DIST.PREC.: 25,000
DIST.SUCC.: 25,000

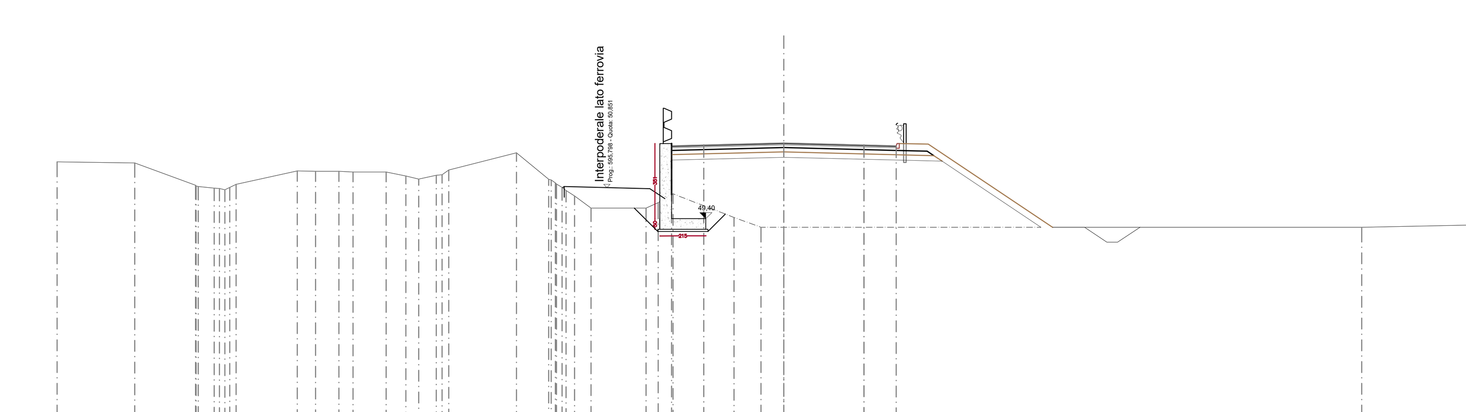


SCALA 1:200

QT.RIF. 40,000

QUOTE TERRENO	52,057 52,000 51,000 50,942 50,985 51,185 51,639 51,784 51,727 51,727 51,291 51,852 51,945 51,987 52,000 52,000 50,852 50,859 50,848 50,875 51,085 51,032 50,000 49,608 49,281 49,000 49,000 49,056 49,087 49,151
DIST. PARZIALI TERRENO	4,033 3,483 0,795 1,781 0,690 2,598 1,548 1,773 2,348 0,754 1,406 2,674 2,270 1,152 2,948 1,374 1,127 0,971 26,526 1,764 1,818 2,922
DIST. PROGR. TERRENO	-34,000 -29,967 -26,484 -26,149 -26,062 -25,267 -23,486 -22,796 -20,197 -18,650 -16,877 -14,529 -13,775 -13,750 -13,666 -12,261 -9,586 -9,282 -7,012 -6,750 -5,598 -5,449 -2,501 -1,127 0,000 0,971 27,496 29,260 31,078 34,000
QUOTE STRATO SUP.	52,920 53,014 52,920 52,883 52,983 52,956 49,000 49,000 49,000
DIST. PARZIALI STRATO SUP.	3,750 3,750 1,500 1,350 5,931 1,500 2,590
DIST. PROGR. STRATO SUP.	-3,750 0,000 3,750 5,250 5,400 6,750 12,681 14,181 16,770

SEZIONE N.: 115
QT. PROGETTO: 52,938
DIST.PROG.: 2625,000
DIST.PREC.: 25,000
DIST.SUCC.: 25,000

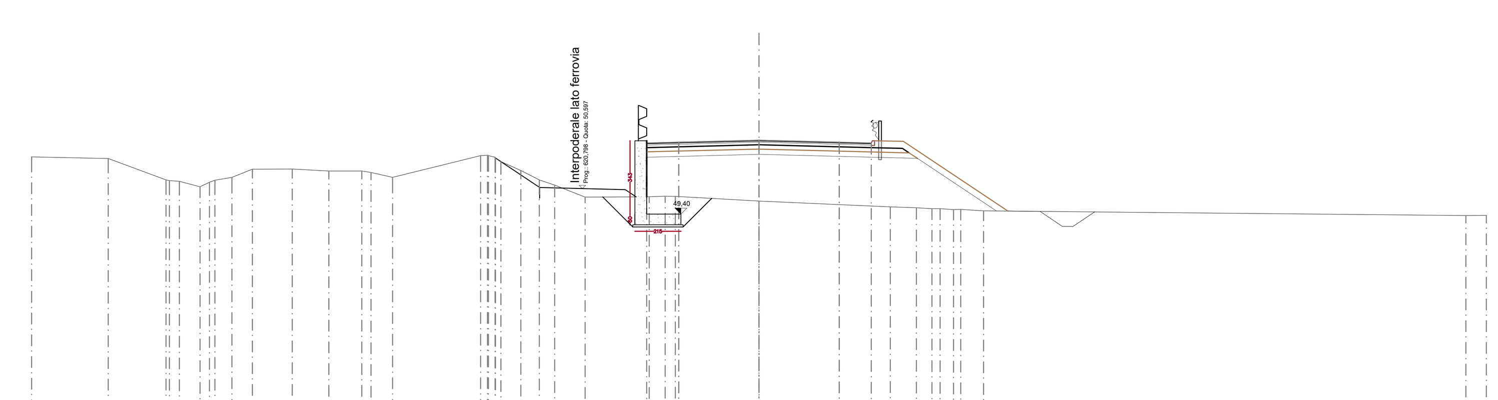


SCALA 1:200

QT.RIF. 40,000

QUOTE TERRENO	52,052 52,000 50,960 50,924 50,896 50,827 50,807 50,751 50,858 51,000 51,626 51,610 51,614 51,578 51,578 51,390 51,244 51,427 51,454 51,674 52,473 51,240 51,204 51,069 51,015 50,861 50,714 50,460 49,895 49,895 50,150 50,559 49,456 49,000 49,000 49,000 49,139
DIST. PARZIALI TERRENO	3,632 2,847 0,737 2,860 0,858 1,089 0,664 1,548 0,925 0,601 0,819 3,169 1,510 0,767 2,573 0,564 0,696 2,856 1,258 1,073 27,028 6,972
DIST. PROGR. TERRENO	-34,000 -30,368 -27,521 -27,491 -27,389 -26,651 -26,406 -26,148 -25,823 -25,623 -22,763 -21,905 -20,816 -20,152 -18,604 -17,679 -17,078 -16,260 -15,991 -15,679 -12,509 -10,999 -10,882 -10,691 -10,641 -10,374 -10,192 -9,787 -9,020 -6,447 -5,883 -5,186 -2,331 -1,073 0,000 27,028 34,000
QUOTE STRATO SUP.	52,844 52,938 52,844 52,806 52,906 52,879 49,000 49,000 49,000
DIST. PARZIALI STRATO SUP.	3,750 3,750 1,500 1,350 5,816 1,500 2,590
DIST. PROGR. STRATO SUP.	-3,750 0,000 3,750 5,250 5,400 6,750 12,566 14,066 16,656

SEZIONE N.: 116
QT. PROGETTO: 52,861
DIST.PROG.: 2650,000
DIST.PREC.: 25,000
DIST.SUCC.: 25,000

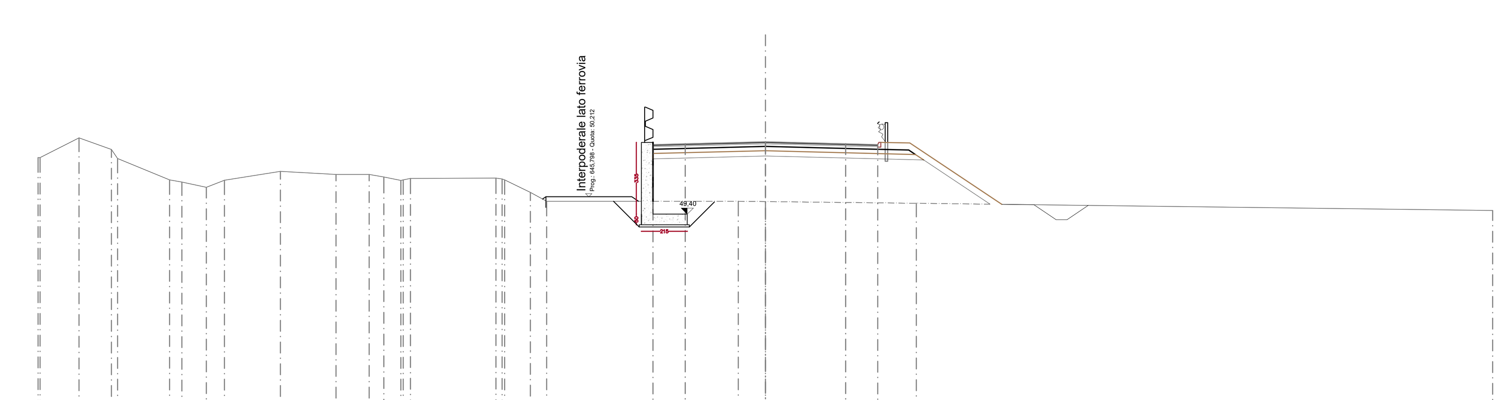


SCALA 1:200

QT.RIF. 40,000

QUOTE TERRENO	52,078 52,000 51,000 50,969 50,935 50,683 50,891 50,985 51,118 51,503 51,507 51,416 51,416 51,344 51,123 52,138 52,149 52,131 52,056 52,026 51,855 51,438 51,000 50,759 50,200 50,211 50,242 50,233 50,015 49,743 49,694 49,655 49,654 49,617 49,620 49,556 49,331 49,338
DIST. PARZIALI TERRENO	3,580 2,701 0,969 0,794 0,959 1,866 1,705 1,548 1,007 4,115 0,930 0,860 0,724 1,422 2,998 0,747 3,909 6,135 1,226 0,721 0,627 1,063 22,548 0,958
DIST. PROGR. TERRENO	-34,000 -30,420 -27,719 -27,554 -27,094 -26,125 -25,684 -25,435 -24,640 -23,682 -21,816 -20,111 -18,563 -18,138 -17,131 -13,016 -12,891 -12,653 -12,335 -12,318 -12,064 -11,134 -10,274 -9,550 -8,128 -5,130 -4,383 -3,909 0,000 6,135 7,361 8,082 8,467 9,094 9,432 10,495 33,042 34,000
QUOTE STRATO SUP.	52,768 52,861 52,768 52,730 52,830 52,803 49,544 49,529 49,504
DIST. PARZIALI STRATO SUP.	3,750 3,750 1,500 1,350 4,886 1,500 2,552
DIST. PROGR. STRATO SUP.	-3,750 0,000 3,750 5,250 5,400 6,750 11,636 13,136 15,687

SEZIONE N.: 117
QT. PROGETTO: 52,785
DIST.PROG.: 2675,000
DIST.PREC.: 25,000
DIST.SUCC.: 25,000

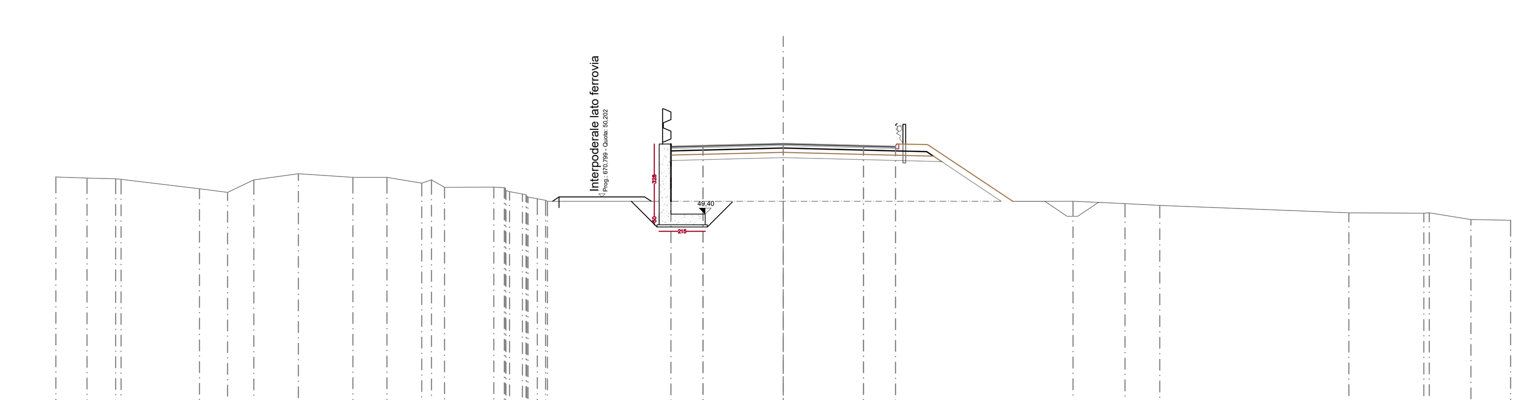


SCALA 1:200

QT.RIF. 40,000

QUOTE TERRENO	52,043 52,042 52,964 52,419 52,000 51,000 50,902 50,657 50,984 51,399 51,254 51,254 51,138 50,974 51,000 51,070 51,084 51,047 51,001 50,415 50,000 50,000 49,987 49,907 49,573
DIST. PARZIALI TERRENO	1,820 1,516 2,430 0,573 1,143 0,849 2,615 2,598 1,548 0,684 0,797 3,996 1,205 0,757 8,961 1,265 7,056 26,944
DIST. PROGR. TERRENO	-34,000 -33,903 -32,082 -30,566 -30,279 -27,849 -27,276 -26,133 -25,283 -22,668 -20,070 -18,522 -17,838 -17,041 -16,929 -16,593 -12,597 -12,309 -12,187 -10,983 -10,226 -1,265 0,000 7,056 34,000
QUOTE STRATO SUP.	52,691 52,785 52,691 52,654 52,754 52,727 49,858 49,839 49,808
DIST. PARZIALI STRATO SUP.	3,750 3,750 1,500 1,350 4,301 1,500 2,542
DIST. PROGR. STRATO SUP.	-3,750 0,000 3,750 5,250 5,400 6,750 11,051 12,551 15,094

SEZIONE N.: 118
QT. PROGETTO: 52,709
DIST.PROG.: 2700,000
DIST.PREC.: 25,000
DIST.SUCC.: 25,000

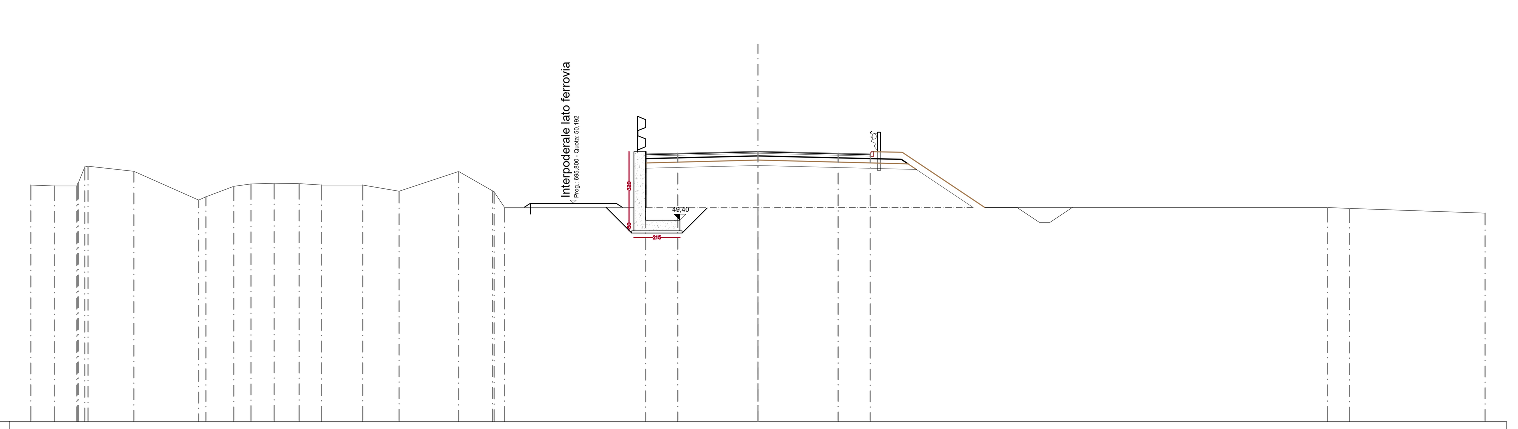


SCALA 1:200

QT.RIF. 40,000

QUOTE TERRENO	51,134 51,083 51,056 51,026 50,587 50,418 51,000 51,288 51,117 51,117 50,847 50,999 50,654 50,665 50,636 50,609 50,502 50,454 50,343 50,299 50,251 50,195 50,124 50,045 50,001 50,000 50,000 49,894 49,805 49,458 49,443 49,464 49,147 49,116
DIST. PARZIALI TERRENO	1,452 1,337 3,665 1,308 1,233 2,076 2,550 1,590 1,629 0,606 2,305 0,487 0,601 11,023 13,549 2,430 1,624 8,836 3,505 1,948 1,858
DIST. PROGR. TERRENO	-34,000 -32,548 -31,211 -30,951 -27,286 -25,978 -24,746 -22,670 -20,120 -18,530 -16,901 -16,441 -15,835 -13,530 -13,043 -12,992 -12,966 -12,794 -12,194 -12,027 -11,991 -11,929 -11,496 -11,110 -11,023 0,000 13,549 15,978 17,603 26,439 29,944 30,194 32,142 34,000
QUOTE STRATO SUP.	52,615 52,709 52,615 52,577 52,677 52,650 50,000 50,000 49,948
DIST. PARZIALI STRATO SUP.	3,750 3,750 1,500 1,350 3,973 1,500 2,512
DIST. PROGR. STRATO SUP.	-3,750 0,000 3,750 5,250 5,400 6,750 10,723 12,223 14,736

SEZIONE N.: 119
QT. PROGETTO: 52,632
DIST.PROG.: 2725,000
DIST.PREC.: 25,000
DIST.SUCC.: 25,000

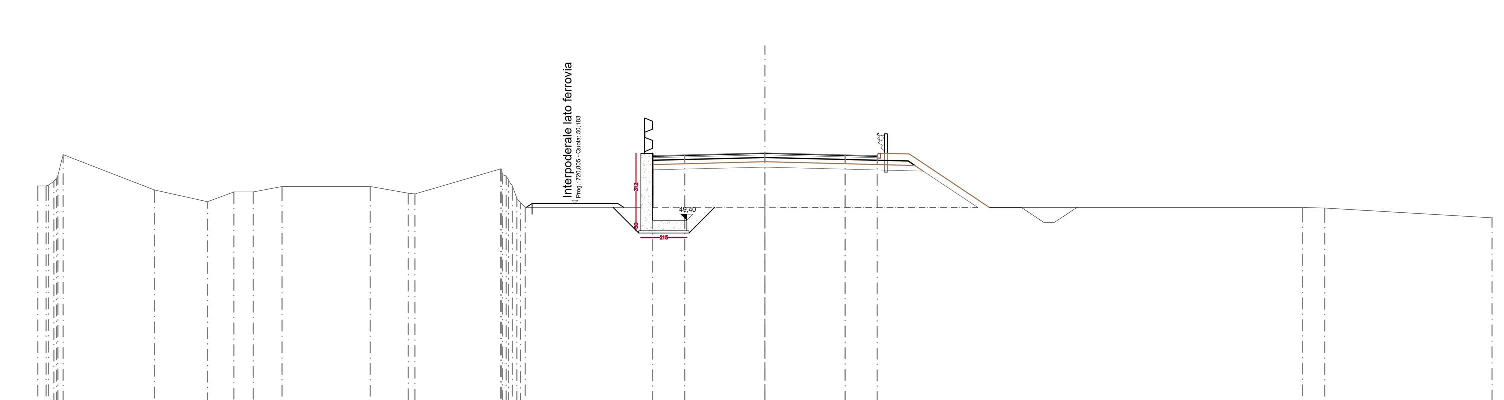


SCALA 1:200

QT.RIF. 40,000

QUOTE TERRENO	51,043 51,000 51,000 51,102 51,135 51,896 51,923 51,688 50,341 50,499 50,984 51,098 51,133 51,116 51,046 51,049 50,758 51,681 50,778 50,725 50,000 50,000 49,997 49,949 49,729
DIST. PARZIALI TERRENO	1,103 1,045 2,136 3,034 1,302 0,803 1,087 1,172 1,046 1,922 1,700 2,789 1,585 0,485 11,853 26,633 1,027 6,340
DIST. PROGR. TERRENO	-34,000 -32,897 -31,852 -31,825 -31,782 -31,479 -31,322 -29,187 -26,153 -25,815 -24,513 -23,709 -22,622 -21,450 -20,404 -18,483 -16,783 -13,994 -12,408 -12,338 -11,853 0,000 26,633 27,660 34,000
QUOTE STRATO SUP.	52,538 52,632 52,538 52,501 52,601 52,574 49,999 49,999 49,998
DIST. PARZIALI STRATO SUP.	3,750 3,750 1,500 1,350 3,861 1,500 2,589
DIST. PROGR. STRATO SUP.	-3,750 0,000 3,750 5,250 5,400 6,750 10,611 12,111 14,700

SEZIONE N.: 120
QT. PROGETTO: 52,556
DIST.PROG.: 2750,000
DIST.PREC.: 25,000
DIST.SUCC.: 25,000



SCALA 1:200

QT.RIF. 40,000

QUOTE TERRENO	51,000 51,000 51,042 51,223 51,373 51,310 51,491 52,472 50,819 50,269 50,722 50,722 50,981 50,981 50,665 50,628 51,799 51,794 51,526 51,472 51,301 51,256 51,011 50,428 50,223 50,000 50,000 49,997 49,966 49,516
DIST. PARZIALI TERRENO	4,262 2,485 1,233 0,909 1,348 4,118 1,782 3,994 11,212 25,144 1,035 7,821
DIST. PROGR. TERRENO	-34,000 -33,608 -33,488 -33,244 -33,116 -33,058 -32,812 -28,550 -26,065 -24,833 -23,924 -22,576 -18,458 -16,676 -16,363 -12,369 -12,311 -12,265 -12,095 -11,996 -11,987 -11,806 -11,593 -11,428 -11,212 0,000 25,144 26,179 34,000
QUOTE STRATO SUP.	52,462 52,556 52,462 52,425 52,525 52,498 49,999 49,998 49,998
DIST. PARZIALI STRATO SUP.	3,750 3,750 1,500 1,350 3,747 1,500 2,589
DIST. PROGR. STRATO SUP.	-3,750 0,000 3,750 5,250 5,400 6,750 10,497 11,997 14,586

anas GRUPPO FS ITALIANE

Direzione Progettazione e Realizzazione Lavori

Variante alla SS12 da Buttapietra alla tangenziale SUD di Verona

PROGETTO DEFINITIVO — COD. VE29

PROGETTAZIONE: RAGGRUPPAMENTO PROGETTISTI — MANDATARIA: Sigeco Engineering — MANDANTI: IDRO.STRADE s.r.l., Barci Engineering, Sandro D'Agostini Ingegnere

IL RESPONSABILE DELL'INTEGRAZIONE DELLE PRESTAZIONI SPECIALISTICHE:
Ing. Antonino Alvaro – SIGECO ENGINEERING srl Ordine Ingegneri Provincia di Cosenza n. A282

IL COORDINATORE PER LA SICUREZZA IN FASE DI PROGETTAZIONE:
Arch. Giuseppe Luciano – SIGECO ENGINEERING srl Ordine Architetti Provincia di Reggio Calabria n. A2316

I GEOLOGI:
Dott. Geol. Domenico Carrà – SIGECO Eng. srl Ordine Geologi della Calabria n. 641
Dott. Geol. Francesco Molinaro – SIGECO Eng. srl Ordine Geologi della Calabria n. 1063

VISTO: IL RESPONSABILE DEL PROCEDIMENTO:
Ing. Antonio Marsella

IL PROGETTISTA:
Arch. Giuseppe Luciano–SIGECO Eng. srl Ordine Architetti di Reggio Cal. n. A2316
Ing. Francesco Tucci – IDROSTRADE srl Ordine Ingegneri Cosenza n. A922
Ing. Carmine Guido – NO.DO. e Serv. srl Ordine Ingegneri Cosenza n. A1379
Ing. Sandro D'Agostini – Ordine Ingegneri Belluno n. A457
Ing. Antonio Barci – BARCI Eng. srl Ordine Ingegneri Cosenza n. A1003

GRUPPO DI PROGETTAZIONE:
Ing. Giovanni Costa – Steel Project Engineering – Ordine Ingegneri Livorno n. A1632
Arch. Alessandra Alvaro – SIGECO Eng. srl Ordine Architetti Cosenza n. A1490
Ing. Gaetano Zupo – SIGECO Eng. srl Ordine Ingegneri Cosenza n. A5385
Geom. Giuseppe Crispino – SIGECO Eng. srl Collegio Geometri Potenza n. 2296
Ing. Paola Tucci – IDROSTRADE srl Ordine Ingegneri Cosenza n. A5488
Ing. Mario Perri – IDROSTRADE srl Ordine Ingegneri Cosenza n. A3784
Arch. Simona Tucci – IDROSTRADE srl Ordine Ingegneri Cosenza n. A1637
Ing. Roberto Scrivano – NO.DO. e Serv. srl Ordine Ingegneri Cosenza n. A2061
Ing. Emiliano Domestico – NO.DO. e Serv. srl Ordine Ingegneri Cosenza n. A5501
Geol. Carolina Simone – NO.DO. e Serv. srl Ordine Geologi della Calabria n. 730
Ing. Giorgio Barci – BARCI Eng. srl Ordine Ingegneri Prov. di Cosenza n. A5873
Dott.ssa Laura Casadei – Kora s.r.l.–Iscr. el. Operatori abilitati Archeologia Prev. n. 2248

PROTOCOLLO: | DATA:

S.09 Muro di sostegno MS09
SEZIONI TRASVERSALI E SEZIONI TIPO_PARTE 3 DI 6

CODICE PROGETTO	NOME FILE	REV.	SCALA:
CO VE0029 D 2001	T00MS09STRSZ03_A — CODICE ELAB. T00MS09STRSZ03	A	VARIE

REV.	DESCRIZIONE	DATA	SOCIETA'	REDATTO	VERIFICATO	APPROVATO
D						
C						
B						
A	EMISSIONE	DIC 2021	Sigeco Engineering Srl	Ing. G. Zupo	Arch. G. Luciano	Ing. A. Alvaro