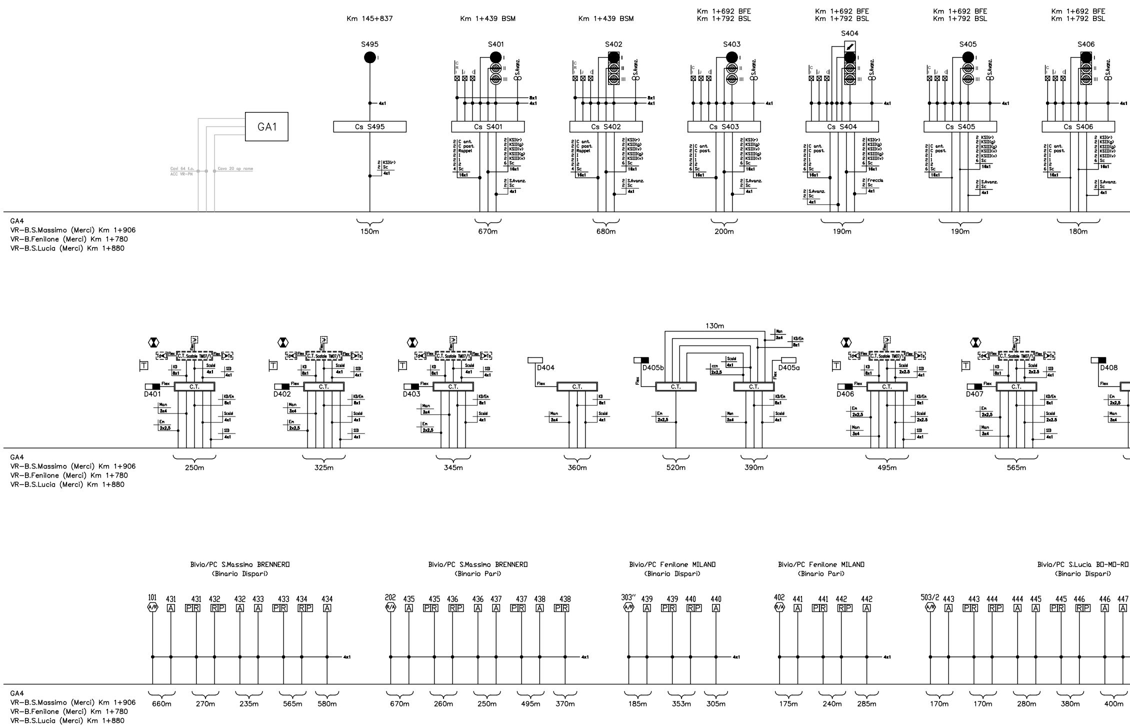
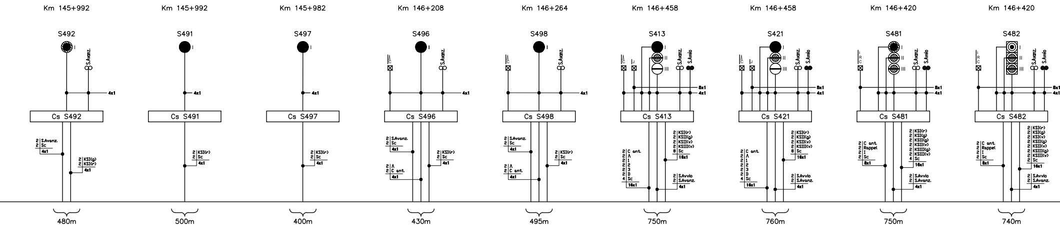
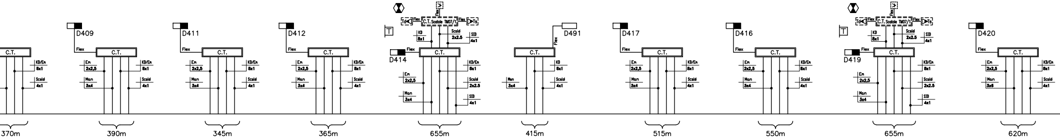
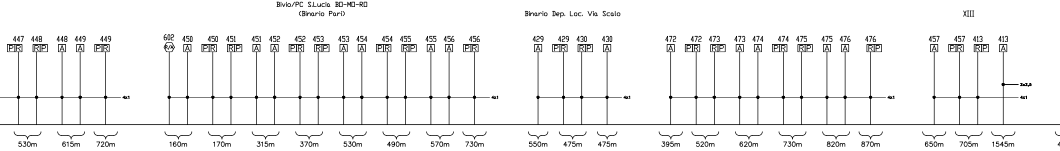
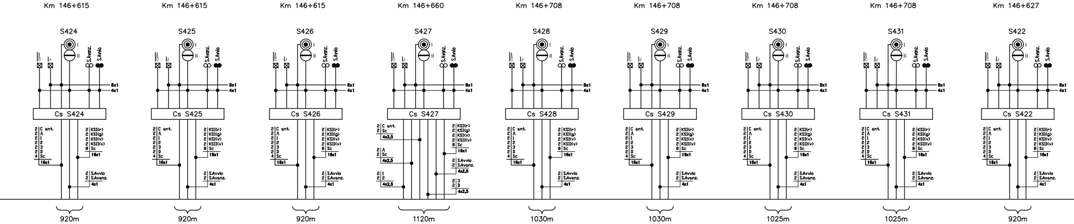

Km 145+837
Km 1+439 BSM
Km 1+439 BSM
Km 1+692 BFE
Km 1+792 BSL
Km 1+692 BFE
Km 1+792 BSL
Km 1+692 BFE
Km 1+792 BSL
Km 1+692 BFE
Km 1+792 BSL
S495
S401
S402
S403
S404
S405
S406
GA1
Cavi 64 f.o.
ACC VR-PN
Cavo 20 cp rame
Cs S495
Cs S401
Cs S402
Cs S403
Cs S404
Cs S405
Cs S406
4x1
8x1
16x1
S.Avanz.
C ant.
C post.
Rappel
KSI(r)
KSII(g)
KSII(v)
KSIII(g)
KSIII(v)
Sc
Freccia
GA4
VR–B.S.Massimo (Merci) Km 1+906
VR–B.Fenilone (Merci) Km 1+780
VR–B.S.Lucia (Merci) Km 1+880
150m
670m
680m
200m
190m
190m
180m
130m
D401
D402
D403
D404
D405b
D405a
D406
D407
D408
C.T.
C.T. Scatole TM07/1
Flex
KD
KD/En
Scald
SID
Man
En
ccn
3x4
2x2,5
GA4
VR–B.S.Massimo (Merci) Km 1+906
VR–B.Fenilone (Merci) Km 1+780
VR–B.S.Lucia (Merci) Km 1+880
250m
325m
345m
360m
520m
390m
495m
565m
Bivio/PC S.Massimo BRENNERO
(Binario Dispari)
Bivio/PC S.Massimo BRENNERO
(Binario Pari)
Bivio/PC Fenilone MILANO
(Binario Dispari)
Bivio/PC Fenilone MILANO
(Binario Pari)
Bivio/PC S.Lucia BO–MO–RO
(Binario Dispari)
101 431 431 432 432 433 433 434 434
202 435 435 436 436 437 437 438 438
303" 439 439 440 440
402 441 441 442 442
503/2 443 443 444 444 445 445 446 446 447
A/R
A
PR
RP
GA4
VR–B.S.Massimo (Merci) Km 1+906
VR–B.Fenilone (Merci) Km 1+780
VR–B.S.Lucia (Merci) Km 1+880
660m
270m
235m
565m
580m
670m
260m
250m
495m
370m
185m
353m
305m
175m
240m
285m
170m
170m
280m
380m
400m

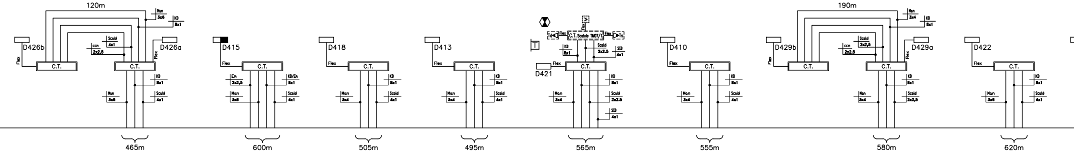

Km 145+992
Km 145+992
Km 145+982
Km 146+208
Km 146+264
Km 146+458
Km 146+458
Km 146+420
Km 146+420
S492
S491
S497
S496
S498
S413
S421
S481
S482
S.Avanz.
S.Avvio
Cs S492
Cs S491
Cs S497
Cs S496
Cs S498
Cs S413
Cs S421
Cs S481
Cs S482
4x1
8x1
16x1
KSI(r)
KSI(g)
Sc
C ant.
Rappel
480m
500m
400m
430m
495m
750m
760m
750m
740m


D409
D411
D412
D414
D491
D417
D416
D419
D420
C.T.
C.T. Scatole TM07/1
Flex
KD/En
Em
Man
Scald
SID
2x2,5
3x4
8x1
4x1
370m
390m
345m
365m
655m
415m
515m
550m
655m
620m

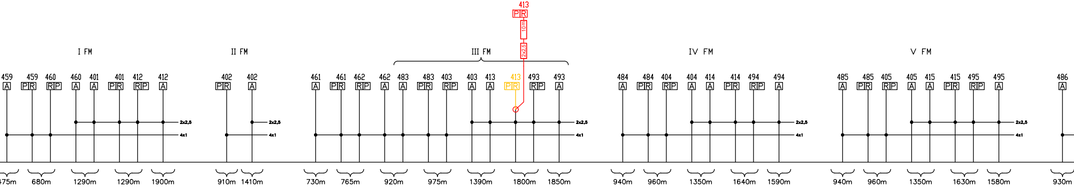

Bivio/PC S.Lucia BO-MO-RO
(Binario Pari)
Binario Dep. Loc. Via Scalo
XIII
447 448 448 449 449
602 450 450 451 451 452 452 453 453 454 454 455 455 456 456
429 429 430 430
472 472 473 473 474 474 475 475 476 476
457 457 413 413
PR RP A
R/A
4x1
2x2,5
530m
615m
720m
160m
170m
315m
370m
530m
490m
570m
730m
550m
475m
475m
395m
520m
620m
730m
820m
870m
650m
705m
1545m



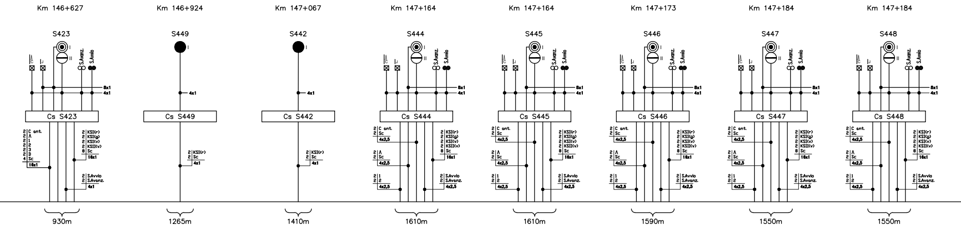
Km 146+615
S424
Cs S424
920m
Km 146+615
S425
Cs S425
920m
Km 146+615
S426
Cs S426
920m
Km 146+660
S427
Cs S427
1120m
Km 146+708
S428
Cs S428
1030m
Km 146+708
S429
Cs S429
1030m
Km 146+708
S430
Cs S430
1025m
Km 146+708
S431
Cs S431
1025m
Km 146+627
S422
Cs S422
920m
S.Avanz.
S.Avvio
8x1
4x1
C ant.
KSI(r)
KSI(g)
KSI(v)
KSII(v)
Sc
16x1
4x2,5

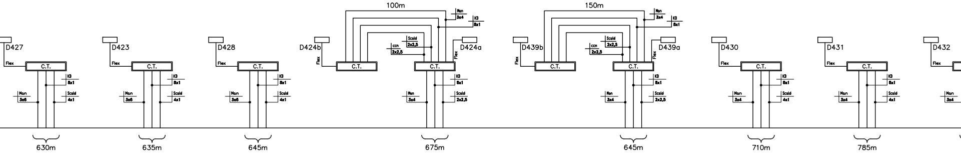


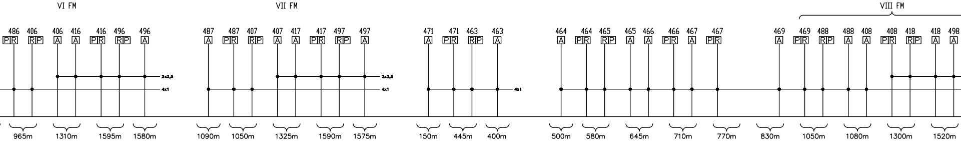
120m
D426b
D426a
C.T.
D415
D418
D413
D421
C.T. Scatole TM07/1
D410
190m
D429b
D429a
D422
Flex
Man
KD
Scald
Ccn
En
KD/En
SID
3x6
3x4
8x1
4x1
2x2,5
465m
600m
505m
495m
565m
555m
580m
620m

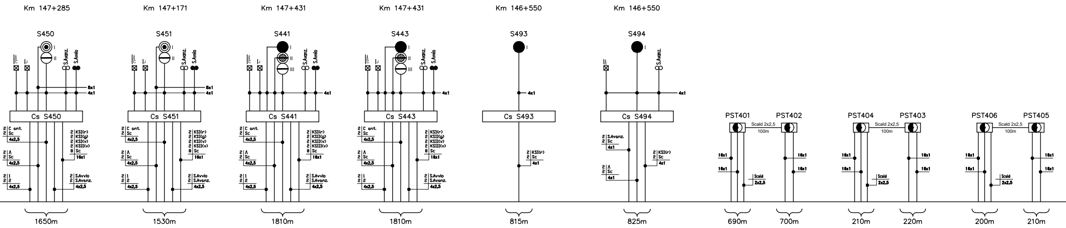


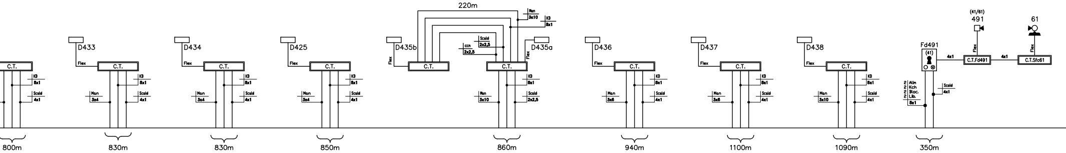
413
PR
10m
2x2,5
I FM
II FM
III FM
IV FM
V FM
459
459
460
460
401
401
412
412
402
402
461
461
462
462
483
483
403
403
413
413
493
493
484
484
404
404
414
414
494
494
485
485
405
405
415
415
495
495
486
A
PR
RP
2x2,5
4x1
475m
680m
1290m
1290m
1900m
910m
1410m
730m
765m
920m
975m
1390m
1800m
1850m
940m
960m
1350m
1640m
1590m
940m
960m
1350m
1630m
1580m
930m

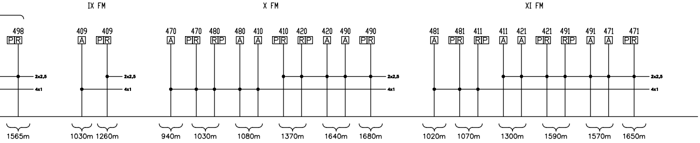

Km 146+627
Km 146+924
Km 147+067
Km 147+164
Km 147+164
Km 147+173
Km 147+184
Km 147+184
S423
S449
S442
S444
S445
S446
S447
S448
S.Avanz.
S.Avvio
8x1
4x1
Cs S423
Cs S449
Cs S442
Cs S444
Cs S445
Cs S446
Cs S447
Cs S448
C ant.
Sc
4x2,5
16x1
KSI(r)
KSI(g)
KSI(v)
KSII(v)
Sc
S.Avvio
S.Avanz.
4x1
930m
1265m
1410m
1610m
1610m
1590m
1550m
1550m

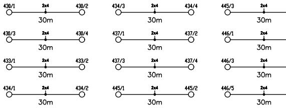

D427
D423
D428
D424b
D424a
D439b
D439a
D430
D431
D432
Flex
C.T.
KD
8x1
Man
3x6
3x4
Scald
4x1
2x2,5
ccn
100m
150m
630m
635m
645m
675m
645m
710m
785m

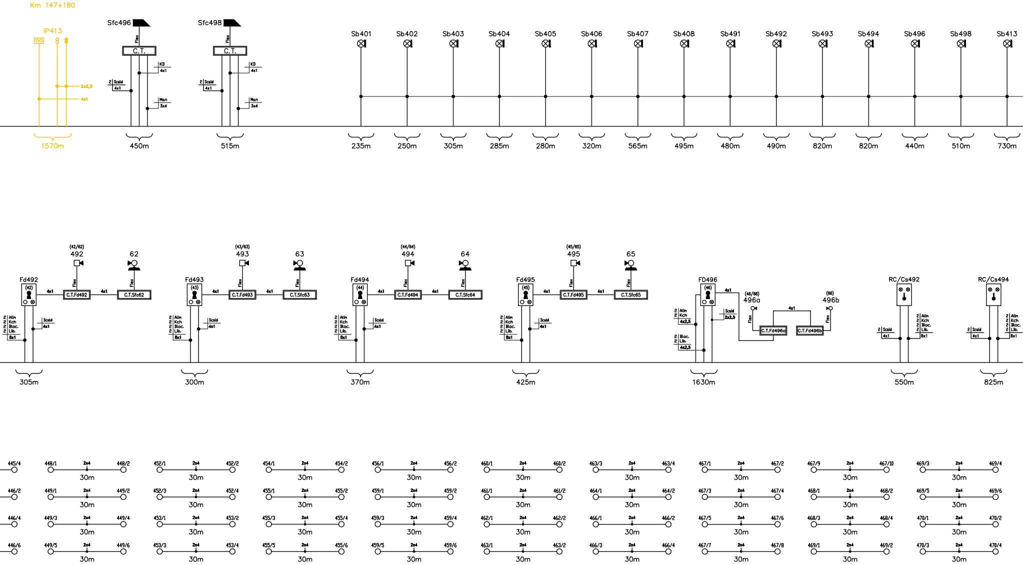

VI FM
VII FM
VIII FM
486
406
406
416
416
496
496
487
487
407
407
417
417
497
497
471
471
463
463
464
464
465
465
466
466
467
467
469
469
488
488
408
408
418
418
498
PR
RP
A
2x2,5
4x1
965m
1310m
1595m
1580m
1090m
1050m
1325m
1590m
1575m
150m
445m
400m
500m
580m
645m
710m
770m
830m
1050m
1080m
1300m
1520m

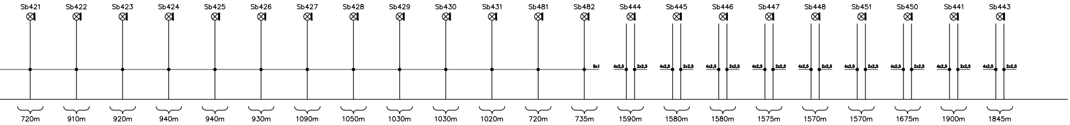

Km 147+285
Km 147+171
Km 147+431
Km 147+431
Km 146+550
Km 146+550
S450
S451
S441
S443
S493
S494
S.Avanz.
S.Avvio
Cs S450
Cs S451
Cs S441
Cs S443
Cs S493
Cs S494
8x1
4x1
C ant.
Sc
4x2,5
KSI(r)
KSII(g)
KSI(v)
KSII(v)
KSIII(v)
16x1
S.Avvio
S.Avanz.
PST401
PST402
PST404
PST403
PST406
PST405
Scald 2x2,5
100m
16x1
Scald
2x2,5
1650m
1530m
1810m
1810m
815m
825m
690m
700m
210m
220m
200m
210m


220m
D433
D434
D425
D435b
D435a
D436
D437
D438
C.T.
Flex
KD
8x1
Man
3x4
3x6
3x10
Scald
4x1
2x2,5
ccn
Fd491
(41)
(41/61)
491
61
C.T.Fd491
C.T.Sfc61
Alim
Kch
Bloc.
Lib.
800m
830m
830m
850m
860m
940m
1100m
1090m
350m


IX FM
X FM
XI FM
498
409
409
470
470
480
480
410
410
420
420
490
490
481
481
411
411
421
421
491
491
471
471
A
PR
RP
2x2,5
4x1
1565m
1030m
1260m
940m
1030m
1080m
1370m
1640m
1680m
1020m
1070m
1300m
1590m
1570m
1650m


430/1
430/2
430/3
430/4
433/1
433/2
434/1
434/2
434/3
434/4
437/1
437/2
437/3
437/4
445/1
445/2
445/3
446/1
446/3
446/5
2x4
30m


Km 147+180
IP413
2x2,5
4x1
1570m
Sfc496
Flex
C.T.
KD
4x1
2 Scald
4x1
Man
3x4
450m
Sfc498
Flex
C.T.
KD
4x1
2 Scald
4x1
Man
3x4
515m
Sb401
235m
Sb402
250m
Sb403
305m
Sb404
285m
Sb405
280m
Sb406
320m
Sb407
565m
Sb408
495m
Sb491
480m
Sb492
490m
Sb493
820m
Sb494
820m
Sb496
440m
Sb498
510m
Sb413
730m
Fd492
(42)
2 Alim
2 Kch
2 Bloc.
2 Lib.
8x1
Scald
4x1
4x1
(42/62)
492
Flex
C.T.Fd492
4x1
62
Flex
C.T.Sfc62
305m
Fd493
(43)
2 Alim
2 Kch
2 Bloc.
2 Lib.
8x1
Scald
4x1
4x1
(43/63)
493
Flex
C.T.Fd493
4x1
63
Flex
C.T.Sfc63
300m
Fd494
(44)
2 Alim
2 Kch
2 Bloc.
2 Lib.
8x1
Scald
4x1
4x1
(44/64)
494
Flex
C.T.Fd494
4x1
64
Flex
C.T.Sfc64
370m
Fd495
(45)
2 Alim
2 Kch
2 Bloc.
2 Lib.
8x1
Scald
4x1
4x1
(45/65)
495
Flex
C.T.Fd495
4x1
65
Flex
C.T.Sfc65
425m
FD496
(46)
2 Alim
2 Kch
4x2,5
2 Bloc.
2 Lib.
4x2,5
Scald
2x2,5
4x1
(46/66)
496a
Flex
C.T.Fd496a
4x1
(66)
496b
Flex
C.T.Fd496b
1630m
RC/Cs492
2 Scald
4x1
2 Alim
2 Kch
2 Bloc.
2 Lib.
8x1
550m
RC/Cs494
2 Scald
4x1
2 Alim
2 Kch
2 Bloc.
2 Lib.
8x1
825m
445/4
446/2
446/4
446/6
448/1 2x4 448/2 30m
449/1 2x4 449/2 30m
449/3 2x4 449/4 30m
449/5 2x4 449/6 30m
452/1 2x4 452/2 30m
452/3 2x4 452/4 30m
453/1 2x4 453/2 30m
453/3 2x4 453/4 30m
454/1 2x4 454/2 30m
455/1 2x4 455/2 30m
455/3 2x4 455/4 30m
455/5 2x4 455/6 30m
456/1 2x4 456/2 30m
459/1 2x4 459/2 30m
459/3 2x4 459/4 30m
459/5 2x4 459/6 30m
460/1 2x4 460/2 30m
461/1 2x4 461/2 30m
462/1 2x4 462/2 30m
463/1 2x4 463/2 30m
463/3 2x4 463/4 30m
464/1 2x4 464/2 30m
466/1 2x4 466/2 30m
466/3 2x4 466/4 30m
467/1 2x4 467/2 30m
467/3 2x4 467/4 30m
467/5 2x4 467/6 30m
467/7 2x4 467/8 30m
467/9 2x4 467/10 30m
468/1 2x4 468/2 30m
468/3 2x4 468/4 30m
469/1 2x4 469/2 30m
469/3 2x4 469/4 30m
469/5 2x4 469/6 30m
470/1 2x4 470/2 30m
470/3 2x4 470/4 30m


Sb421
Sb422
Sb423
Sb424
Sb425
Sb426
Sb427
Sb428
Sb429
Sb430
Sb431
Sb481
Sb482
Sb444
Sb445
Sb446
Sb447
Sb448
Sb451
Sb450
Sb441
Sb443
8x1
4x2,5
2x2,5
720m
910m
920m
940m
940m
930m
1090m
1050m
1030m
1030m
1020m
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735m
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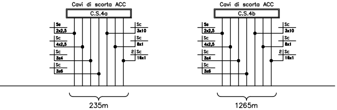
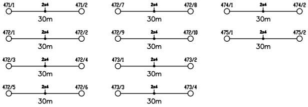
1580m
1575m
1570m
1570m
1675m
1900m
1845m


Cavi di scorta ACC
C.S.4a
Se
2x2,5
Sc
4x2,5
Sc
3x4
Sc
3x6
Sc
3x10
Sc
8x1
2 Sc
16x1
235m
Cavi di scorta ACC
C.S.4b
Se
2x2,5
Sc
4x2,5
Sc
3x4
Sc
3x6
Sc
3x10
Sc
8x1
2 Sc
16x1
1265m


471/1
2x4
471/2
30m
472/1
2x4
472/2
30m
472/3
2x4
472/4
30m
472/5
2x4
472/6
30m
472/7
2x4
472/8
30m
472/9
2x4
472/10
30m
473/1
2x4
473/2
30m
473/3
2x4
473/4
30m
474/1
2x4
474/2
30m
475/1
2x4
475/2
30m

Si prevede la posa di cavi nuovi dal GA4 agli enti di linea delle tratte Merci verso i Bivi/PC San Massimo, Fenilone e Santa Lucia, mentre saranno riutilizzati i cavi di relazione tra il GA5 e gli impianti adiacenti con bypass in nuove cassette di sezionamento installate all'altezza dei segnali di protezione S401÷S406, come indicato nei seguenti elaborati:

- IN0V00D58PXAC1315001A Piano cavi–canalizzazioni Bivio S.Massimo
- IN0V00D58PXAC1415001A Piano cavi–canalizzazioni Bivio Fenilone
- IN0V00D58PXAS1515001A Piano cavi–canalizzazioni Bivio S.Lucia

COMMITTENTE:

RFI
RETE FERROVIARIA ITALIANA
GRUPPO FERROVIE DELLO STATO ITALIANE

PROGETTAZIONE:

ITALFERR
GRUPPO FERROVIE DELLO STATO ITALIANE

INFRASTRUTTURE FERROVIARIE STRATEGICHE DEFINITE DALLA LEGGE OBIETTIVO N. 443/01 e s.m.i

CUP:J14H20000440001

U.O. IMPIANTI SEGNALAMENTO

PROGETTO DEFINITIVO

LINEA AV/AC MILANO - VENEZIA
LOTTO FUNZIONALE TRATTA AV/AC BRESCIA EST - VERONA
NODO AV/AC DI VERONA: INGRESSO OVEST

IMPIANTI DI SEGNALAMENTO

PP/ACC VERONA PORTA NUOVA - FASE 5

Piano cavi IS esistente in r/g - GA4

SCALA:
-

COMMESSA	LOTTO	FASE	ENTE	TIPO DOC.	OPERA/DISCIPLINA	PROGR.	REV.
IN10	10	D	58	PX	AS12A3	004	A

Rev.	Descrizione	Redatto	Data	Verificato	Data	Approvato	Data	Autorizzato Data
A	Emissione esecutiva	M.Cammilli	Set. 2021	S. Buccheri	Set. 2021	C. Mazzocchi	Set. 2021	M.Gambaro Set. 2021

File: IN1010D58PXAS12A3004A_Pcavi GA4 PPACC Verona Porta Nuova - Fase 5.dwg

n. Elab.: