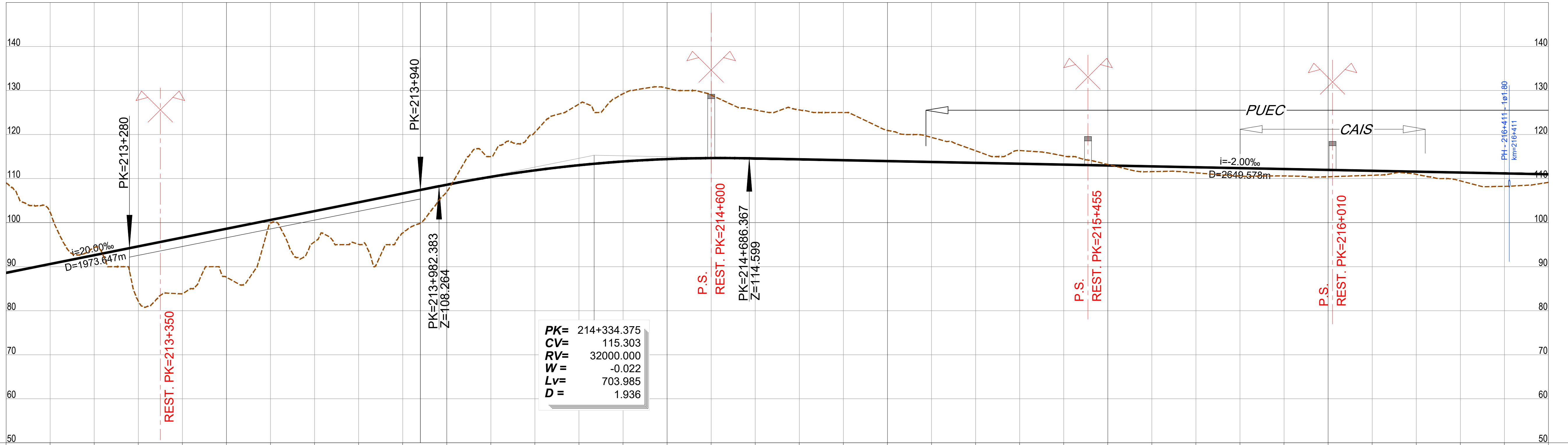
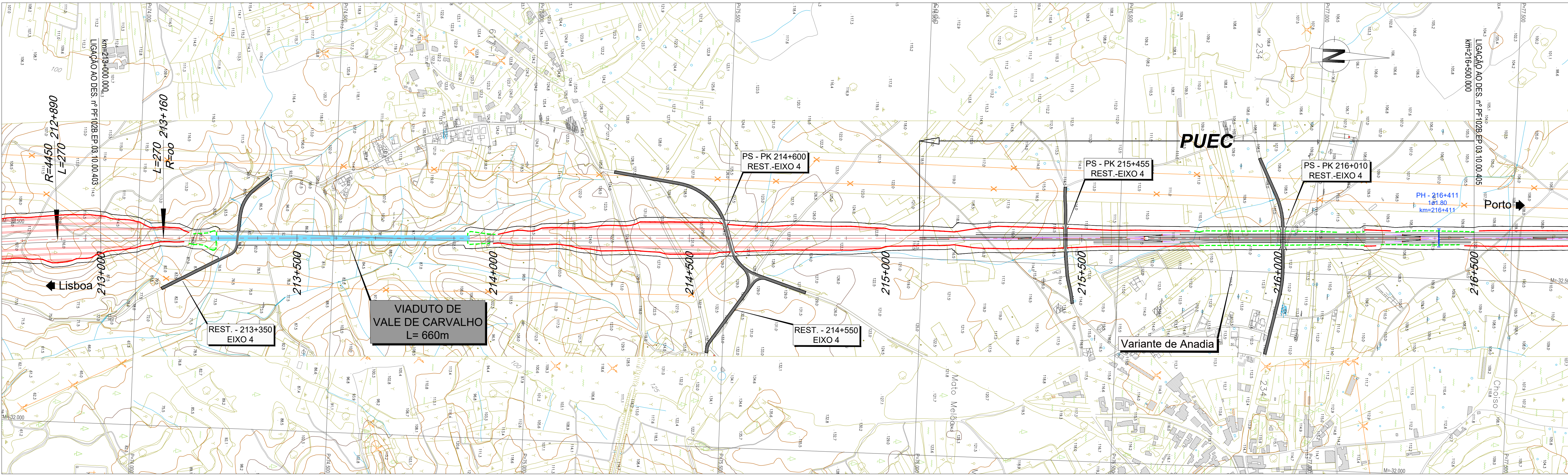




| PONTO QUILOMÉTRICO (PK)        |         | 213+000           |  | 213+500           |  |                  |  | 214+000          |  |                  |  | 214+500          |  |                    |  | 215+000           |  |                   |  | 215+500           |  |                    |  | 216+000            |  |                    |  | 216+500            |  |                    |  |                    |  |                    |  |                    |  |                    |  |                    |  |                    |  |                    |  |                    |  |                    |  |                    |  |                    |  |                    |  |                    |  |                    |  |                    |  |                    |  |                    |  |                    |  |                    |  |                    |  |
|--------------------------------|---------|-------------------|--|-------------------|--|------------------|--|------------------|--|------------------|--|------------------|--|--------------------|--|-------------------|--|-------------------|--|-------------------|--|--------------------|--|--------------------|--|--------------------|--|--------------------|--|--------------------|--|--------------------|--|--------------------|--|--------------------|--|--------------------|--|--------------------|--|--------------------|--|--------------------|--|--------------------|--|--------------------|--|--------------------|--|--------------------|--|--------------------|--|--------------------|--|--------------------|--|--------------------|--|--------------------|--|--------------------|--|--------------------|--|--------------------|--|--------------------|--|
| COTAS                          | TERRENO |                   |  |                   |  |                  |  |                  |  |                  |  |                  |  |                    |  |                   |  |                   |  |                   |  |                    |  |                    |  |                    |  |                    |  |                    |  |                    |  |                    |  |                    |  |                    |  |                    |  |                    |  |                    |  |                    |  |                    |  |                    |  |                    |  |                    |  |                    |  |                    |  |                    |  |                    |  |                    |  |                    |  |                    |  |                    |  |
|                                | RASANTE | 109.042<br>88.617 |  | 102.304<br>90.617 |  | 94.326<br>92.617 |  | 82.120<br>94.617 |  | 83.843<br>96.617 |  | 87.612<br>98.617 |  | 100.000<br>100.617 |  | 95.655<br>102.617 |  | 95.090<br>104.616 |  | 97.649<br>106.616 |  | 107.066<br>108.611 |  | 115.000<br>110.400 |  | 120.518<br>111.876 |  | 126.931<br>113.040 |  | 129.266<br>113.891 |  | 130.524<br>114.429 |  | 128.979<br>114.656 |  | 125.581<br>114.572 |  | 125.597<br>114.372 |  | 125.000<br>114.172 |  | 120.942<br>113.972 |  | 119.359<br>113.772 |  | 116.324<br>113.572 |  | 116.373<br>113.372 |  | 115.148<br>113.172 |  | 113.213<br>112.972 |  | 111.584<br>112.772 |  | 111.307<br>112.572 |  | 110.591<br>112.372 |  | 110.598<br>112.172 |  | 110.411<br>111.972 |  | 110.760<br>111.772 |  | 110.974<br>111.571 |  | 109.496<br>111.371 |  | 108.245<br>111.171 |  |
| ELEMENTOS DE VIA E VELOCIDADES |         |                   |  |                   |  |                  |  |                  |  |                  |  |                  |  |                    |  |                   |  |                   |  |                   |  |                    |  |                    |  |                    |  |                    |  |                    |  |                    |  |                    |  |                    |  |                    |  |                    |  |                    |  |                    |  |                    |  |                    |  |                    |  |                    |  |                    |  |                    |  |                    |  |                    |  |                    |  |                    |  |                    |  |                    |  |                    |  |

| REV | DESCRIÇÃO | ASS | DATA |
|-----|-----------|-----|------|
|     |           |     |      |
|     |           |     |      |
|     |           |     |      |
|     |           |     |      |
|     |           |     |      |

| PROJETO | NOME | RUB | DATA |
|---------|------|-----|------|
|         |      |     |      |
|         |      |     |      |
|         |      |     |      |
|         |      |     |      |
|         |      |     |      |

| ESTUDO PRÉVIO                             | Nº SAP | VERSÃO |
|-------------------------------------------|--------|--------|
| TRAÇADO DE VIA, ESTAÇÕES E SUPERESTRUTURA |        |        |
| PLANTA E PERFIL LONGITUDINAL (EIXO 4)     |        |        |
| KM= 213+000 AO KM= 216+500                |        |        |