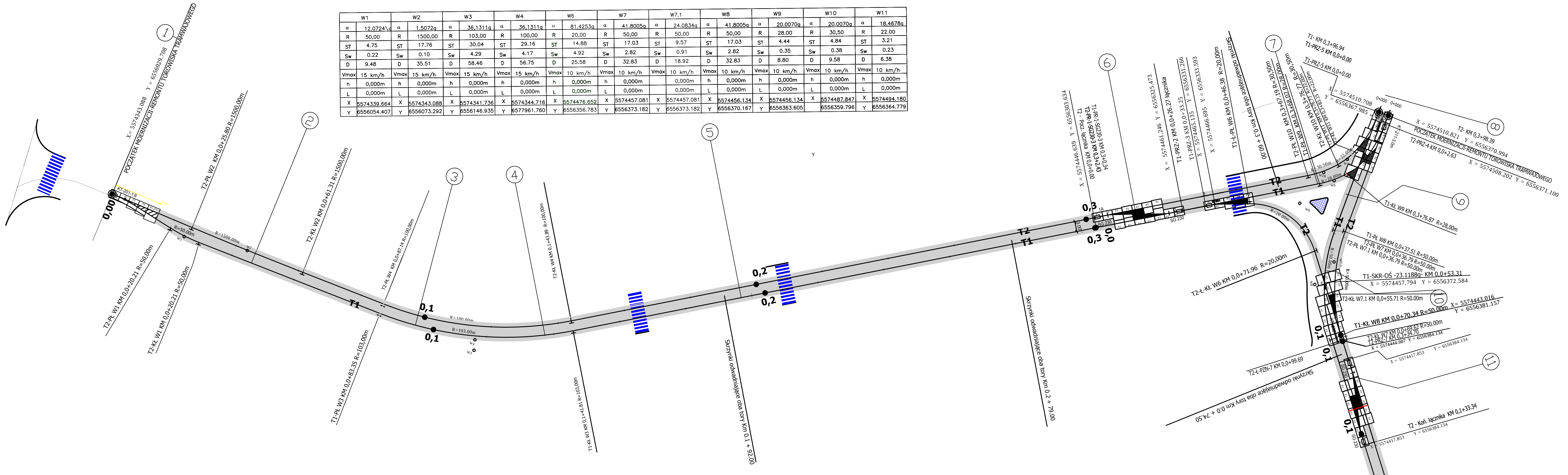


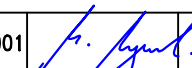


| W1       |             | W2       |             | W3       |             | W4       |             | W6       |             | W7       |             | W7.1     |             | W8       |             | W9       |             | W10      |             | W11      |             |
|----------|-------------|----------|-------------|----------|-------------|----------|-------------|----------|-------------|----------|-------------|----------|-------------|----------|-------------|----------|-------------|----------|-------------|----------|-------------|
| $\alpha$ | 12.0724°    | $\alpha$ | 1.5072g     | $\alpha$ | 36.1311g    | $\alpha$ | 36.1311g    | $\alpha$ | 81.4253g    | $\alpha$ | 41.8005g    | $\alpha$ | 24.0834g    | $\alpha$ | 41.8005g    | $\alpha$ | 20.0070g    | $\alpha$ | 20.0070g    | $\alpha$ | 18.4678g    |
| R        | 50,00       | R        | 1500,00     | R        | 103,00      | R        | 103,00      | R        | 20,00       | R        | 50,00       | R        | 50,00       | R        | 50,00       | R        | 28,00       | R        | 30,50       | R        | 22,00       |
| ST       | 4.75        | ST       | 17.76       | ST       | 30.04       | ST       | 29.16       | ST       | 14.88       | ST       | 17.03       | ST       | 9.57        | ST       | 17.03       | ST       | 4.44        | ST       | 4.84        | ST       | 3.21        |
| Sw       | 0.22        | Sw       | 0.10        | Sw       | 4.29        | Sw       | 4.17        | Sw       | 4.92        | Sw       | 2.82        | Sw       | 0.91        | Sw       | 2.82        | Sw       | 0.35        | Sw       | 0.38        | Sw       | 0.23        |
| D        | 9.48        | D        | 35.51       | D        | 58.46       | D        | 56.75       | D        | 25.58       | D        | 32.83       | D        | 18.92       | D        | 32.83       | D        | 8.80        | D        | 9.58        | D        | 6.38        |
| Vmax     | 15 km/h     | Vmax     | 15 km/h     | Vmax     | 15 km/h     | Vmax     | 15 km/h     | Vmax     | 10 km/h     | Vmax     | 10 km/h     | Vmax     | 10 km/h     | Vmax     | 10 km/h     | Vmax     | 10 km/h     | Vmax     | 10 km/h     | Vmax     | 10 km/h     |
| h        | 0,000m      | h        | 0,000m      | h        | 0,000m      | h        | 0,000m      | h        | 0,000m      | h        | 0,000m      | h        | 0,000m      | h        | 0,000m      | h        | 0,000m      | h        | 0,000m      | h        | 0,000m      |
| L        | 0,000m      | L        | 0,000m      | L        | 0,000m      | L        | 0,000m      | L        | 0,000m      | L        | 0,000m      | L        | 0,000m      | L        | 0,000m      | L        | 0,000m      | L        | 0,000m      | L        | 0,000m      |
| X        | 5574339.664 | X        | 5574343.088 | X        | 5574341.736 | X        | 5574344.716 | X        | 5574476.652 | X        | 5574457.081 | X        | 5574457.081 | X        | 5574456.134 | X        | 5574456.134 | X        | 5574487.847 | X        | 5574494.180 |
| Y        | 6556054.407 | Y        | 6556073.292 | Y        | 6556146.935 | Y        | 6577961.760 | Y        | 6556356.783 | Y        | 6556373.182 | Y        | 6556373.182 | Y        | 6556370.167 | Y        | 6556363.605 | Y        | 6556359.796 | Y        | 6556364.779 |

- Legenda
- stan projektowany torów
  - tory w technologii szyny pływającej
  - 7 — numeracja przekrojów torowych



**MERITUM PROJEKT**  
PROJEKTY / NADZORY / WYCENY

|                       |                                                                                                                                          |                  |                                                                                                                     |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------|------------------|---------------------------------------------------------------------------------------------------------------------|
| JEDNOSTKA PROJEKTOWA: | <b>MERITUM PROJEKT</b> Ul. Karola Miarki 18 ; 43-190 MIKOŁÓW<br>NIP: 641-209-27-76 ; tel: 0600-224-750                                   |                  |                                                                                                                     |
| ZAMAWIAJĄCY:          | TRAMWAJE ŚLĄSKIE S.A.<br>ul. Inwalidzka 5 41-506 CHORZÓW                                                                                 |                  |                                                                                                                     |
| TEMAT:                | MODERNIZACJA TOROWISKA TRAMWAJOWEGO W ZABRZU<br>ULIC: UL. M. LUTRA, PLACU KRAKOWSKIEGO, UL. W. BRYLSZA<br>DO SKRZYŻOWANIA Z UL. WOLNOŚCI |                  |                                                                                                                     |
| BRANŻA:               | -CZĘŚĆ TOROWA-                                                                                                                           |                  |                                                                                                                     |
| TYTUŁ RYSUNKU:        | UKŁADKA PŁYT-UL.BRYLSZA                                                                                                                  |                  |                                                                                                                     |
| PROJEKTANT:           | mgr inż. Marek MYRCIK                                                                                                                    | Upr.bud 150/2001 | <br>NR RYS.: 22<br>SKALA: 1:500 |
| OPRACOWALI:           | mgr inż. Monika MYRCIK                                                                                                                   |                  |                                                                                                                     |
|                       | mgr inż. Krzysztof ŚLIWAK                                                                                                                |                  |                                                                                                                     |
| PROJEKTANT:           | inż. Zbigniew HERISZ                                                                                                                     | UW 948/92        |                                                                                                                     |
| SPRAWDZAJĄCY:         | inż. Andrzej RAK                                                                                                                         | UW 561/92        | DATA: 12.2013                                                                                                       |