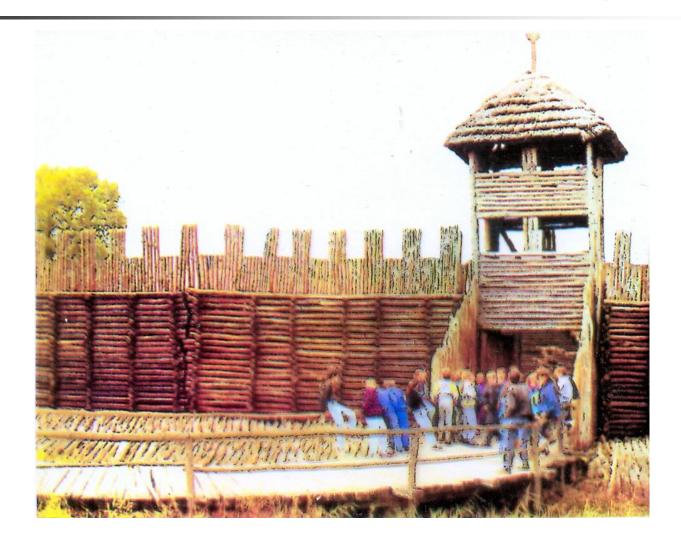


#### Prof. dr hab. inż. Henryk Zobel

Warsaw University of Technology, Institute of Roads & Bridges

# Biskupin archeological site – reconstruction V century B.C.



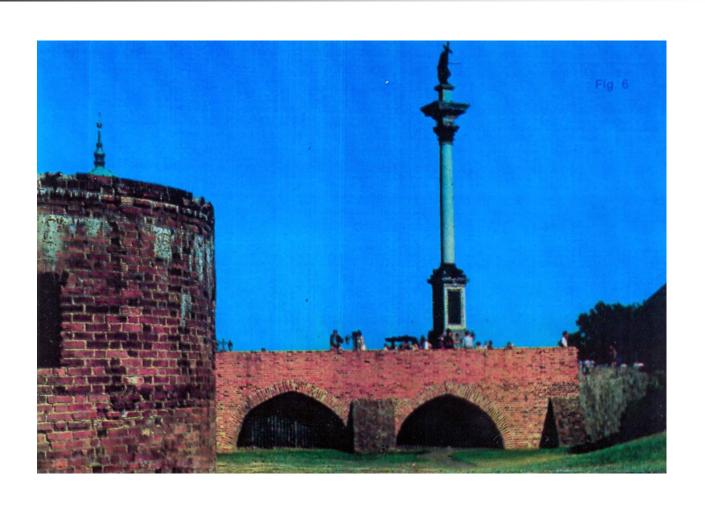
#### Bridge across Nysa Kłodzka River in Kłodzko - 1390



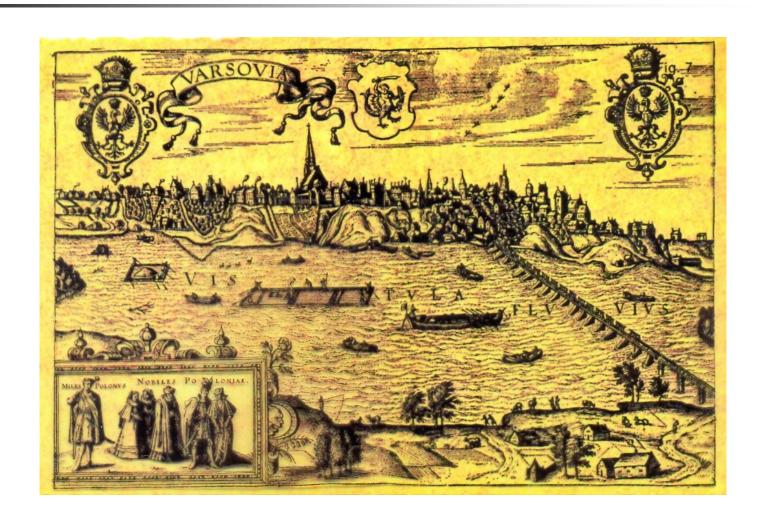
#### Bridge across Nysa Kłodzka River in Kłodzko - 1390



# Warsaw Old Town – Castel Place - XIV Century



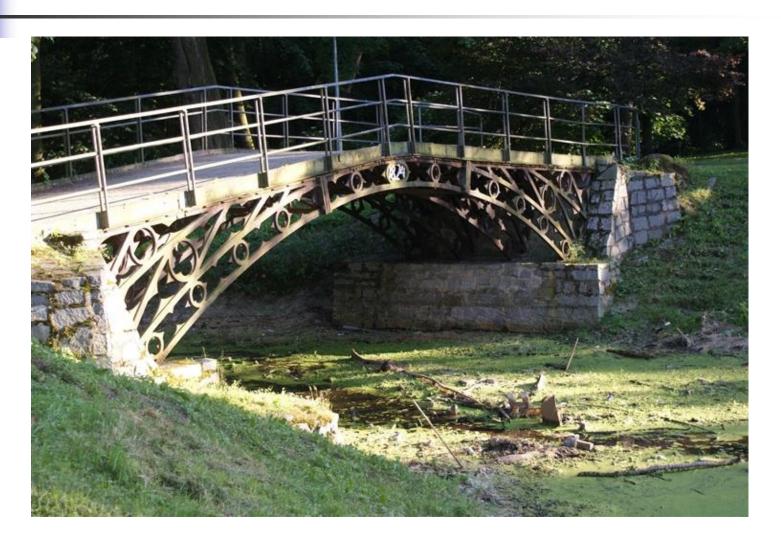
#### Floating Bridge across Vistula River in Warsaw – 1569 - 1573



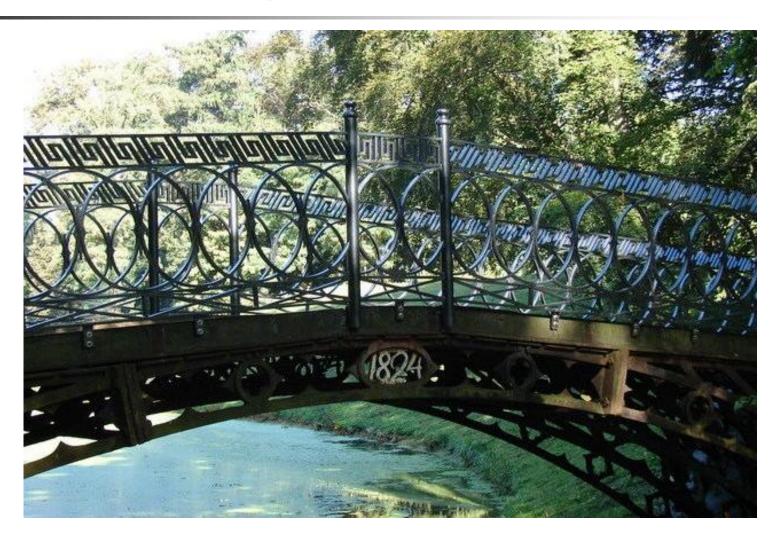
# Bridge in Łażany (Lower Silesia) – 1794 - 1795



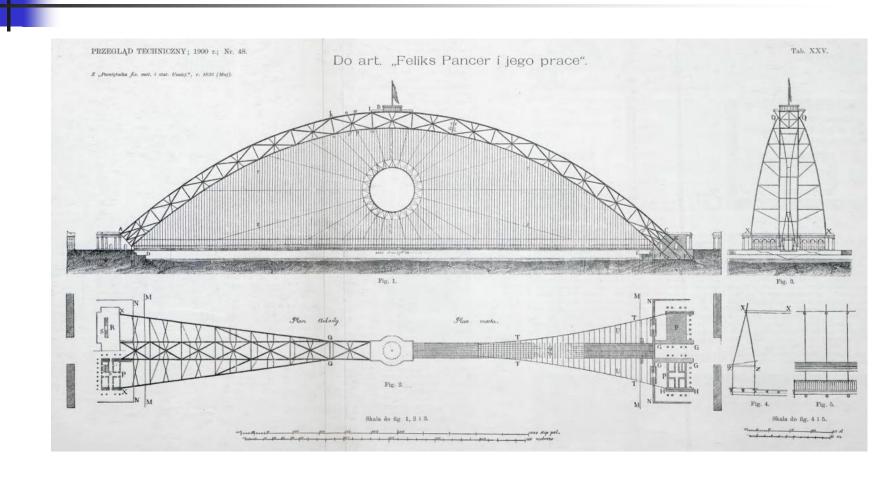
### Pedestrian Bridge in Opatówek nearby Kalisz - 1824



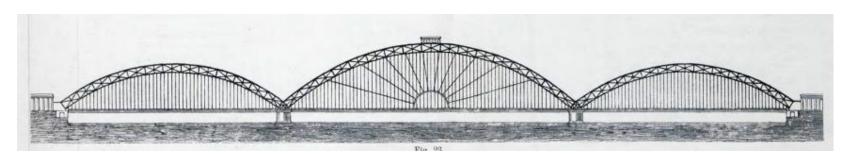
### Pedestrian Bridge in Opatówek nearby Kalisz - 1824

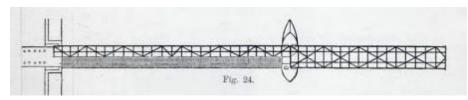


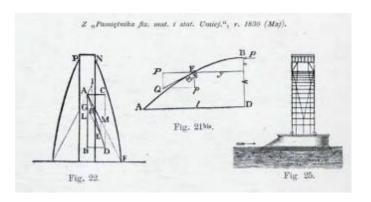
### Felix Pancer proposal – Bridge across Vistula in Warsaw - 1821



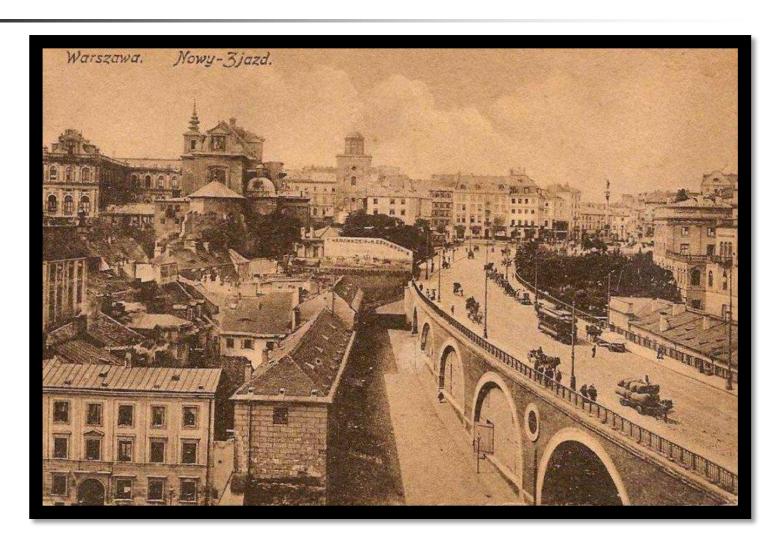
### Felix Pancer proposal – Bridge across Vistula in Warsaw - 1821







### Felix Pancer Viaduct to Kierbedź bridge across Vistula in Warsaw - 1844











### Highway Bridge across Vistula River in Tczew – 1856 - 1860



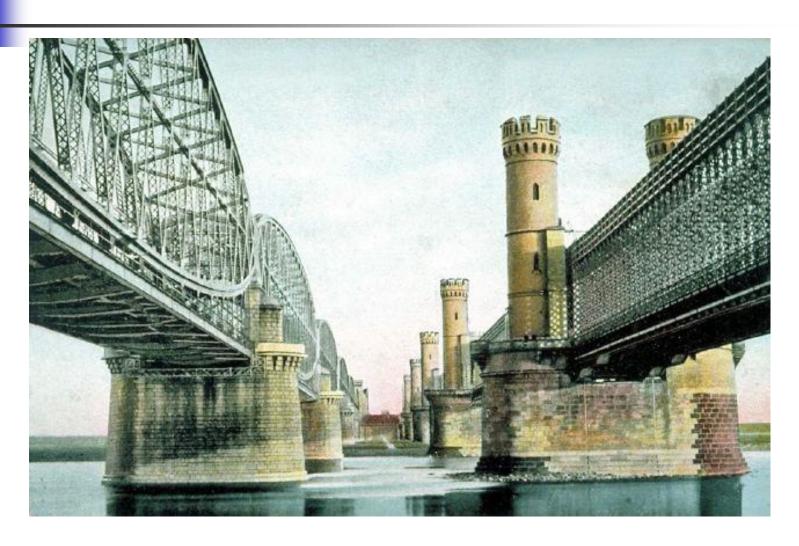
### Highway Bridge across Vistula River in Tczew - 1856 - 1860



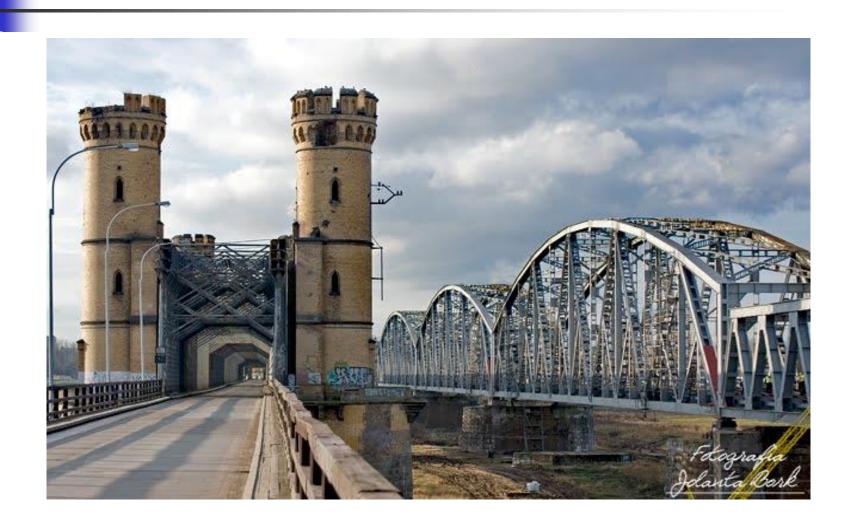
### Highway Bridge across Vistula River in Tczew - 1856 - 1860



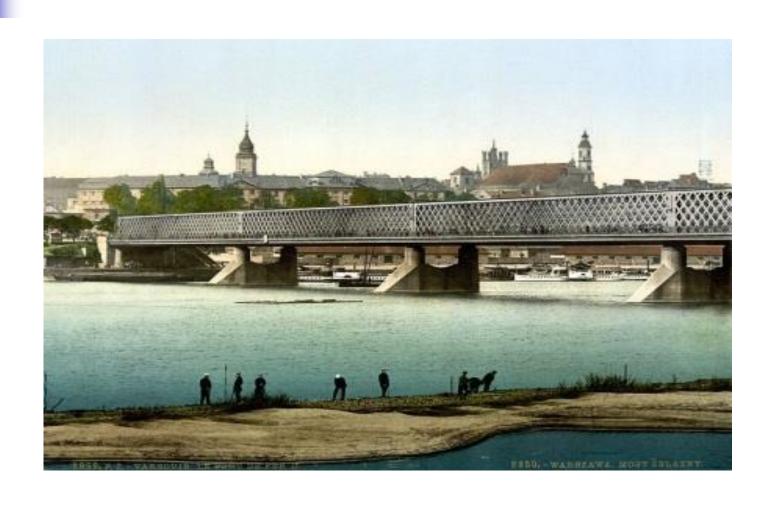
### Two Bridges across Vistula River in Tczew



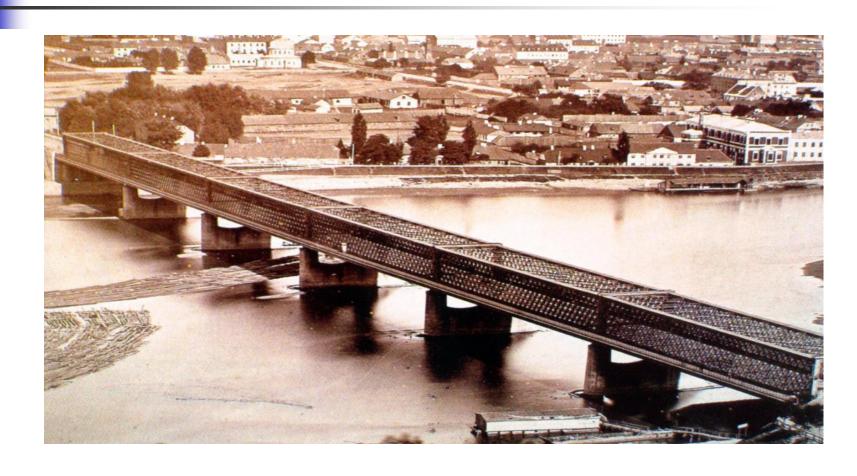
### Two Bridges across Vistula River in Tczew



### Kierbedź Bridge in Warsaw 1859 - 1864



## Kierbedź Bridge in Warsaw – 1859 - 1864

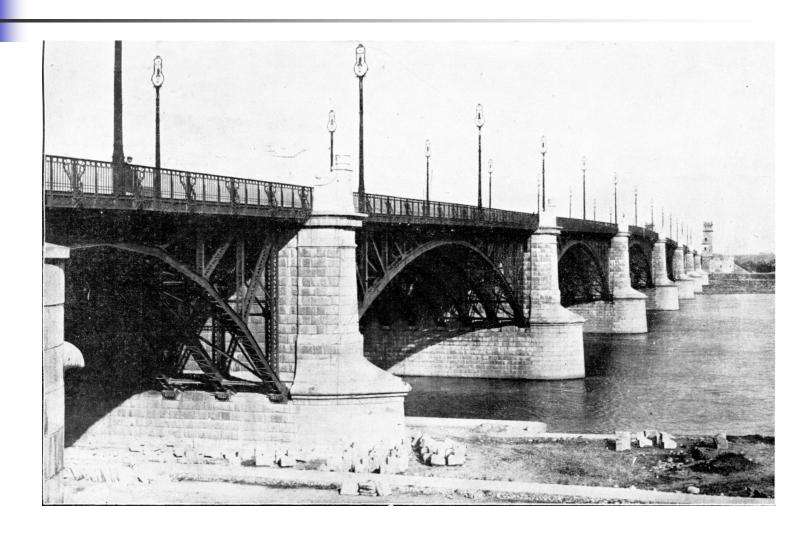


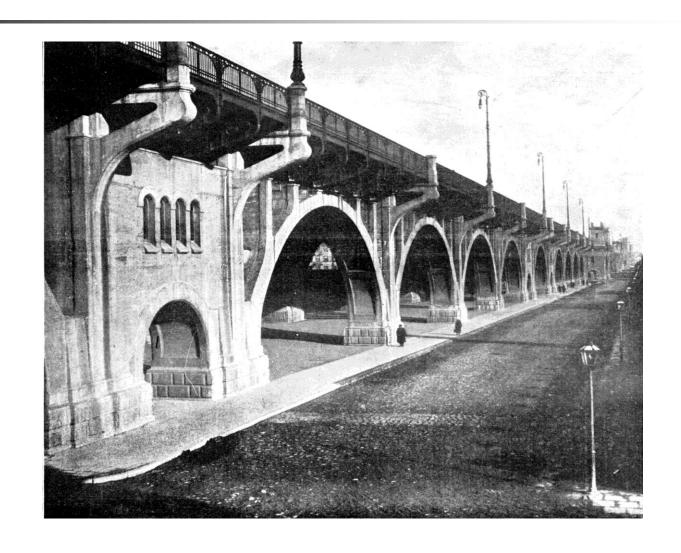
## Kierbedź Bridge in Warsaw – 1859 - 1864



## Kierbedź Bridge in Warsaw – 1859 - 1864







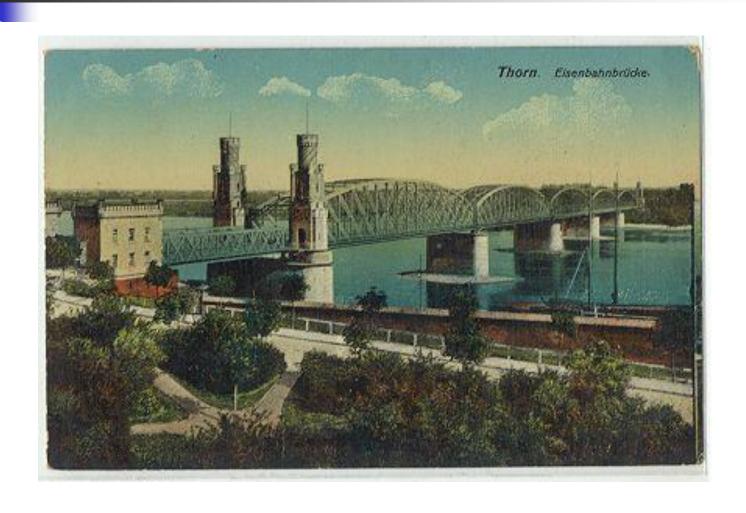




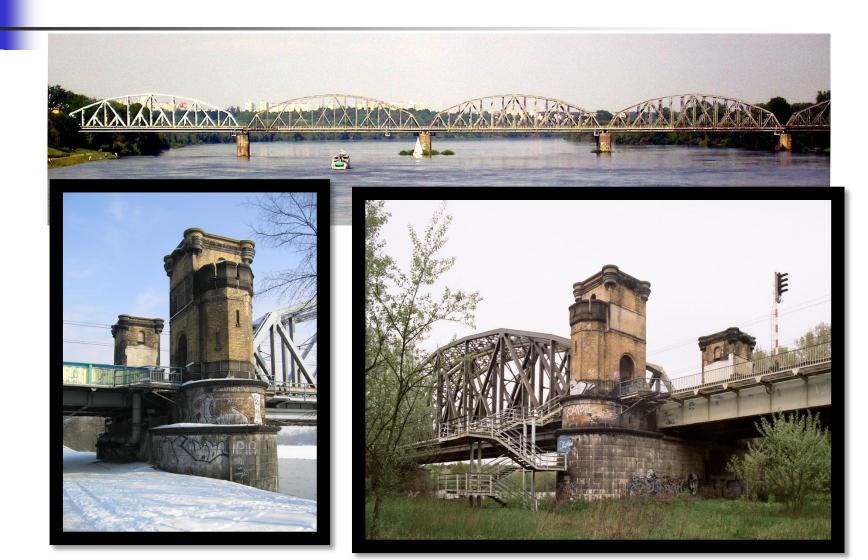
### Viaduct along Karowa Street in Warsaw - 1904-1905



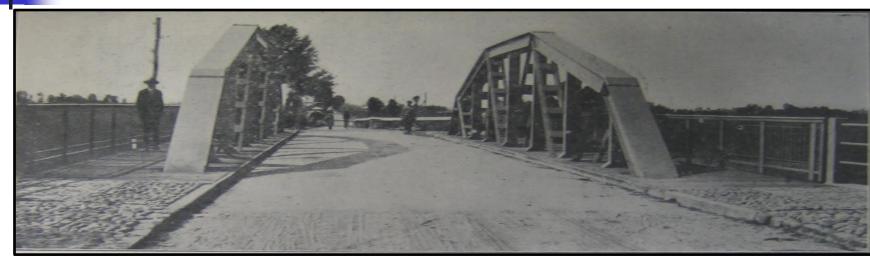
#### Malinowski Railway Bridge across Vistula River in Toruń - 1878



#### Malinowski Railway Bridge across Vistula River in Toruń - 1878

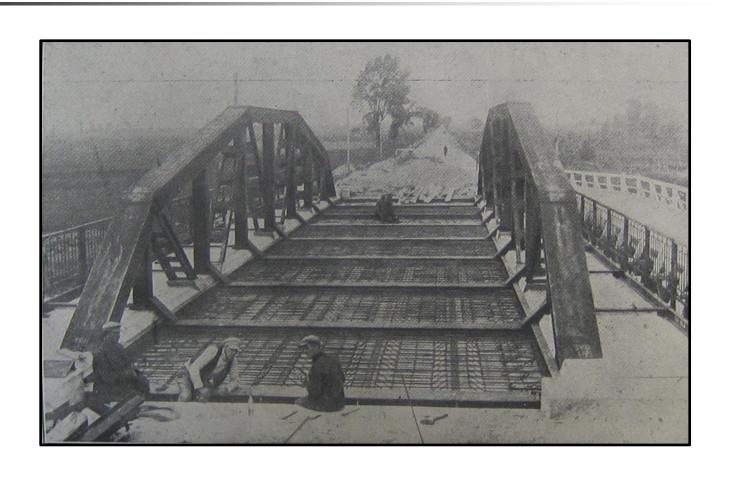


### Bridge across Słudwia River 1928 - 1929

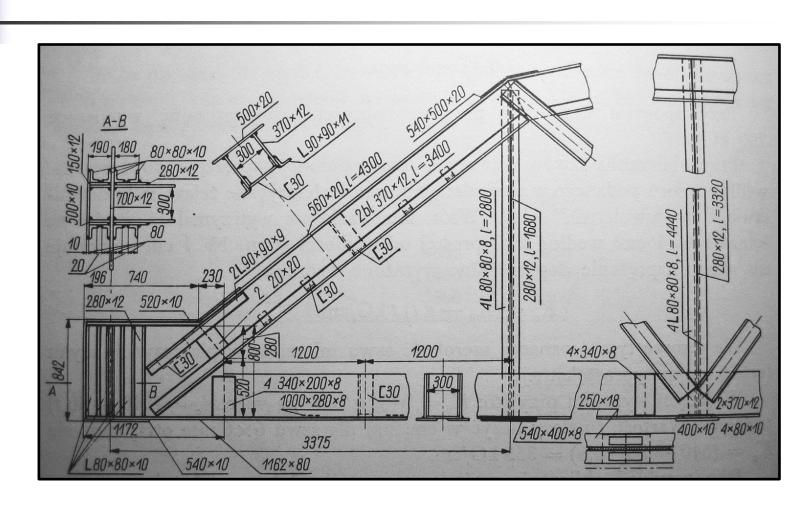




### Bridge across Słudwia River - 1929



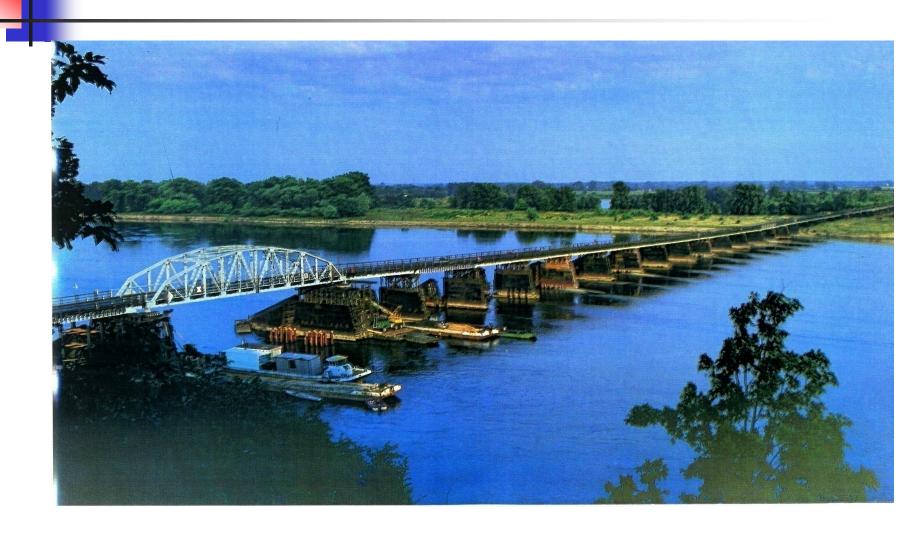
### Bridge across Słudwia River 1928 -1929



### Bridge across Słudwia River 1928 - 1929



### Bridge across Vistula River in Wyszogród - 1916-1999





# Thank You for attention!