

Pedestrian crossings on Traugutta street

2016



University
Gdańsk University of Technology
Country
Poland

Location 
City center

Size 
Number of students [2015]: approx. 23800
Number of employees [2015]: approx. 2750

Mobility Organizational Structure 
Green Office



Summary

Implementation of changes in pedestrian traffic at the intersection of Traugutta and Sobieskiego streets by introducing an additional pedestrian crossing and improving the visibility of existing crossings. The goal was to increase the safety of pedestrian traffic and to make it more efficient. The main problem was the movement of pedestrians in unauthorized places, which increased the danger of crossing the intersection. In addition, the visibility of the other pedestrian crossings on Traugutta street has been improved and some speed thresholds have been introduced in front of some of them to improve pedestrian traffic safety.



Aims

- Creating an additional pedestrian crossing.
- Improving pedestrian traffic.
- Space friendly to pedestrians and cyclists.
- Improving the visibility of existing pedestrian crossings.
- Creating of speed thresholds in the area of pedestrian crossings.



Stakeholders

- Authorities of the Gdańsk University of Technology.
- Authorities of the City of Gdańsk (Gdańsk Road and Greenery Authority).



Background

Not available.



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Description

The Gdańsk Road and Green Authority pays great attention to the development of infrastructure and transport network for pedestrian and bicycle traffic. The 2016 investment aimed at the renovation of Traugutta street and Sobieskiego street, including the renovation of road surface and the replacement of water supply and sewerage network. There is a lot of traffic on both streets, and the quality of the surface until the renovation started was of poor quality. Pedestrian crossings were not visible, which had a negative impact on the safety of people using them. During the renovation of the road surface, one of the elements of the work was to improve the visibility of existing pedestrian crossings and to create a new passage at the intersection of Traugutt-Sobieski streets. The goal of the investment was to improve the quality and safety of both vehicular and pedestrian traffic. The new surface affects the safety and quality of traffic. Also, speeding thresholds were set in the area of pedestrian crossings to limit the speed of vehicles. The new pedestrian crossing has improved traffic at the intersection while at the same time increasing safety, as pedestrians often cross the road in unauthorized places. The investment was completed in its entirety and its goals were met.



Indicators

The main indicator used to assess the impact of the reconstruction can be the number of people using the pedestrian crossings and the number of pedestrian accidents.



Results

- The possibility of free and safe movement at the intersection of Traugutt-Sobieski streets.
- Creating favorable conditions for pedestrian and bicycle traffic.



Expense

Not available.



Financing

City of Gdańsk.



Lessons Learnt

- It is worth to improve the visibility and quality of pedestrian crossings in order to achieve greater safety.
- It is worth introducing speed thresholds in the vicinity of pedestrian crossings in order to reduce the speed of vehicles in a place where there is a higher probability of accident.
- The city authorities attach great importance to the quality of pedestrian traffic in the city.
- Renovation of the road surface also affects the safety of pedestrian traffic at the crossings.
- Well-designed pedestrian crossings significantly improve pedestrian traffic.



Pictures



Fig. 1. Traugutt-Sobieski intersection with a pedestrian crossing

 Pictures


Fig. 2. Traugutta Street (from the Church of St. Nicholas to the crossroad with Sobieskiego Street) before renovation



Fig. 3. Traugutta Street (from the Church of St. Nicholas to the crossroad with Sobieskiego Street) after renovation

 Links

- <http://www.dziennikbaltycki.pl/motofakty/a/remonty-ulic-traugutta-i-sobieskiego-w-gdansk-utrudnienia-dla-kierowcow,10385004/>
- <https://www.trojmiasto.pl/wiadomosci/Kolejny-fragment-ul-Traugutta-do-przebudowy-n102242.html>
- http://www.drmg.gdansk.pl/readarticle.php?article_id=735
- <https://www.google.pl/maps>

 Contact person

Not available.