



# SIKA AT WORK

## OVERPASS RENOVATION ON BORSCHAGIVSKA STREET (KYIV, UKRAINE)

SIKA TECHNOLOGIES:

Embedded Rail System: Icosit® KC340/45, Icosit® KC330 Primer, Icosit® KC330FK NEW

Concrete refurbishment & protection: Sika® MonoTop®, SikaGard®

Structural strengthening: Sika® Carbodur®, SikaWrap®

BUILDING TRUST



# OVERPASS RENOVATION ON BORSCHAGIVSKA STREET



## PROJECT DESCRIPTION

Overpass is a part of important infrastructural arteria that connects suburban area with business centre of Kyiv. Axis of the street is occupied by separated tram track. Built across rail tracks, after decades of poor maintenance the overpass has reached the emergency state and had to be rebuild.

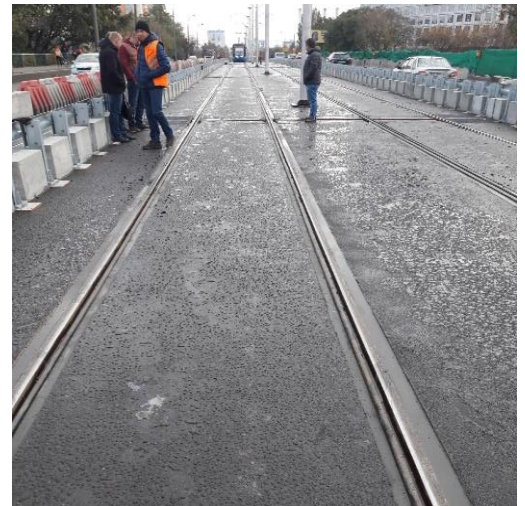
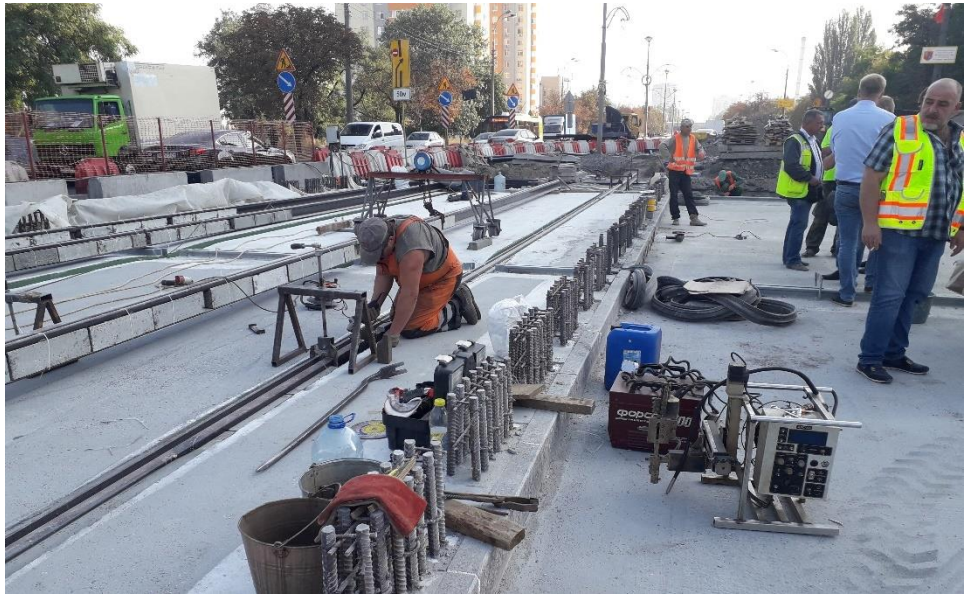
## REQUIREMENTS FOR PROJECT

- Provide a comfortable and service free path for trams.
- Reduce the vibration impact on the overpass.
- Repair and protect damaged elements of concrete overpass.
- Increase of load bearing capacity.

## SIKA SOLUTIONS

The concrete repair was done with **Sika® MonoTop®** system and **Sikagard® -680** protective coating. **Sika® Carbodur®** and **SikaWrap®** systems provide requested increase of load bearing capacity.

The **Icosit® KC340/45** was used for rail embedding in concrete slab. Additionally **Icosit® KC330 Primer** and **Icosit® KC330FK NEW** were supplied for rail priming and concrete filler blocks adhering. The channels were primed with **Sikadur® -53**.



## PROJECT PARTICIPANTS

**Owner:** Kyivavtodor  
**Designer:** Mistproekt  
**Main contractor:** Ukrtransmost

**Railfixing contractor:** Railstroy  
**Sika Ukraine:** Sergey Spets,  
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БУДЕМО ДОВІРУ 