

# SIKA AT WORK

## TRAM TRACK RENOVATION ON ALMATYNSKA STREET (KYIV, UKRAINE)

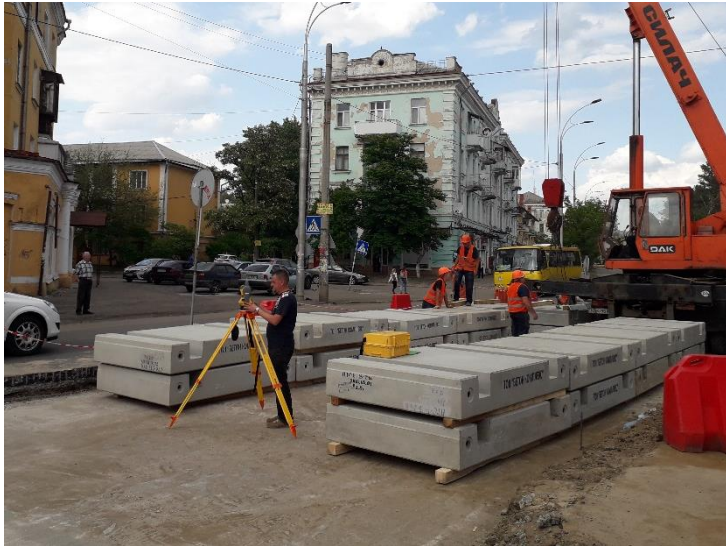
SIKA TECHNOLOGIES: Icosit® KC340/45, Icosit® KC330 Primer, Icosit® KC330FK NEW,

Embedded Rail System, in street undersealing

BUILDING TRUST



# TRAM TRACK RENOVATION ON ALMATYNSKA STREET



## PROJECT DESCRIPTION

Tram line on Almatynska street connects the large industrial area on the outskirts with important transport hub. Decades without renovation the line has reached a point when it had to be rebuild completely. The project also included the complete road superstructure change and an overpass renovation. The separated tram track was built with ballast and concrete sleepers. For the combined track, the Embedded Rail System was chosen and the in street undersealing in combination with mastic asphalt – for the overpass.

## REQUIREMENTS FOR PROJECT

Provide a comfortable and service free combined path for trams and vehicles.

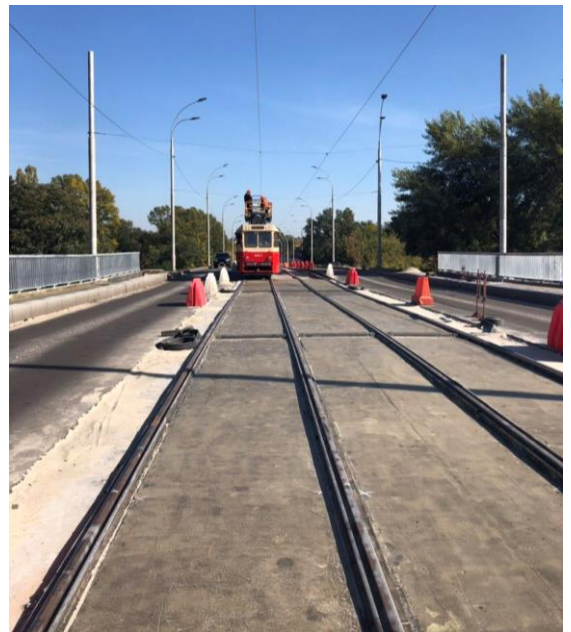
Reduce the vibration impact on the overpass.

Repair the damaged elements of concrete overpass.

## SIKA SOLUTIONS

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

The concrete repair was done with **Sika® MonoTop®** system with **Sikagard® -680** protective coating.



## PROJECT PARTICIPANTS

**Owner:** Kyivavtodor

**Designer:** Kyivproekt

**Main contractor:** Kyivshlyahbud

**Railfixing contractor:** Railstroy

**Sika Ukraine:** Artem Zakharov



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