



CAREC Road Safety and Sustainable Mobility Course

February 2024

Community Engagement in support of safer roads

Safer school intersections, KR

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Actuality



In Kyrgyzstan, on average, about 700 - 800 people are killed and more than 11,000 people are injured per year.

More than 2,000 children are injured and more than 100 children die each year.

Safe School Zones (2021-2022) Bishkek. Schools 5 and 67 supported by EASST and FIA Foundation

WORKING GROUPS

School 5:

Deputy Director on Education

School Inspector

Parent's Committee Representative

Public Association "Road Safety" (PARS)

School 67:

Deputy Director on Education

School Inspector

Parent's Committee Representative

Public Association "Road Safety" (PARS)

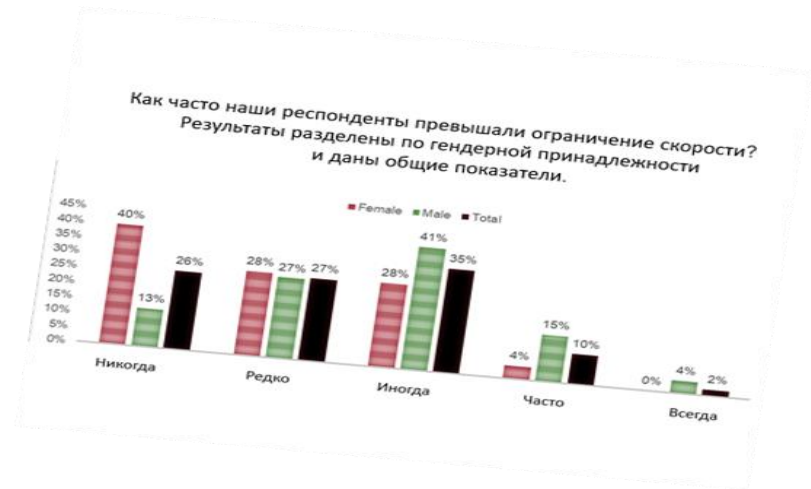
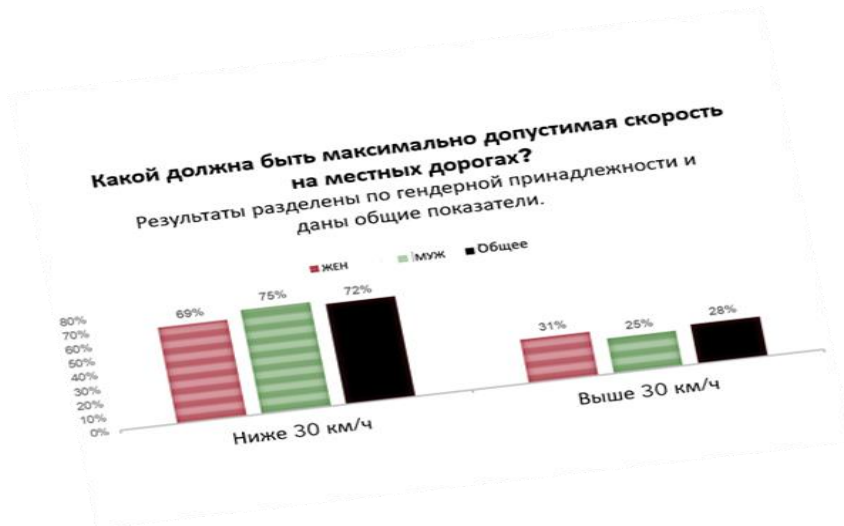


Safe School Zones (2021-2022) Bishkek. Schools 5 and 67 supported by EASST and FIA Foundation

Results of the survey "Attitudes towards low speeds in residential areas"

Online survey among citizens of the KR (April-May 2021). The total number - 196 people.

Almost **every second driver** reported that he/she exceeded the **speed limit**.



EASST School Zone Assessment Toolkit / Checklist

- <http://db.kg/?p=2349> (School zone assessment toolkit in Russian)

The screenshot shows a web browser window with the URL db.kg/руководство-по-проведению-оценки-инф.html. The main content is a large orange title: **ОЦЕНКА И ОТЧЕТ ПО БЕЗОПАСНОСТИ ДОРОЖНОГО ДВИЖЕНИЯ В ШКОЛЬНЫХ ЗОНАХ**. Below the title is a paragraph in Russian: «Руководство по проведению оценки инфраструктуры вокруг школ» разработано нашими партнерами из @EASSTransport и впервые использовано для проектной работы @Roadsafetykg, поддержанной @FIAFoundation и @EASSTransport в пилотных школах №№ 5 и 67 г. Бишкек.

On the right side, there is a table of contents:

Законы	2
Наши проекты	17
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Below the table of contents is a section titled 'Популярный статьи' (Popular articles) with a featured article: 'Миф 7. Продолжение' (Myth 7. Continuation) with a '30' speed limit sign icon.

The browser's taskbar at the bottom shows the Windows logo, search bar, and various application icons. The system tray displays the weather as '-5°C Mostly cloudy' and the date '26.01.2024'.

Safe School Zones (2021-2022) Bishkek. Schools 5 and 67 supported by EASST and FIA Foundation



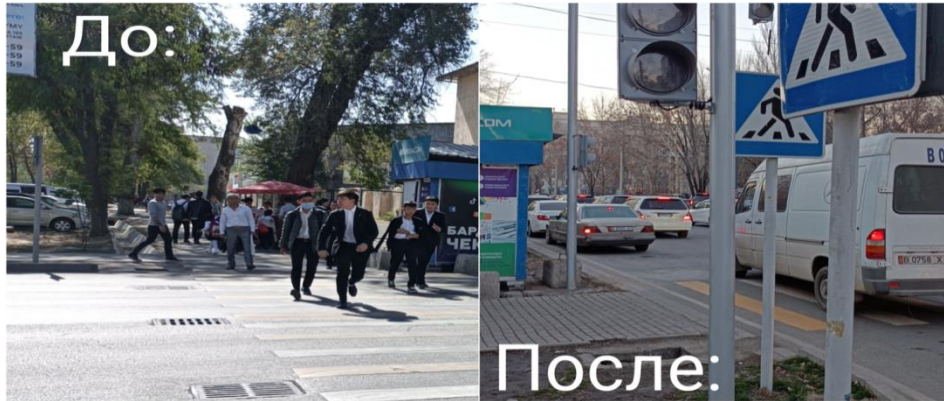
67 school: inspection of school infrastructure according to EASST Toolkit

5 school: inspection of school infrastructure according to EASST Toolkit



Toktogul-Usenbaev intersection (school 5)

- At Toktogul-Usenbaeva "Children" and "40 km/h" signs were installed, crosswalk was applied, traffic light was installed

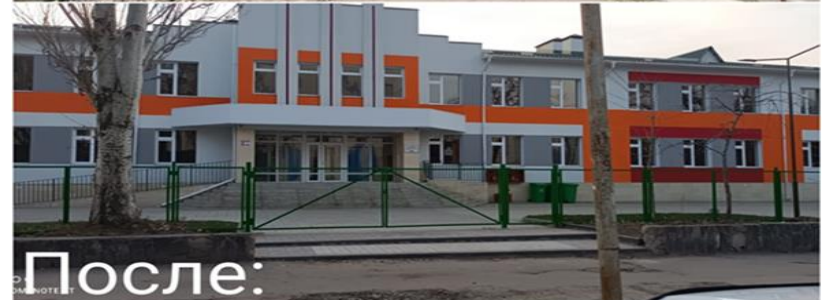


Toktogul-Shopokov intersection (school 5)

On Shopokov Street, "Children" and "40 km/h" signs were installed in front of the new building



Removed an obstruction and entrance/exit to the new school building was opened that was not previously provided



Supported by
SRF/EASST/ FIA Foundation
2021-2022
Bishkek

Collaboration with various stakeholders

Statistics received from the UPSM. Working Group approve. Among all intersections with car accidents involving children 4 intersections have been chosen as most dangerous.

Akhunbaev - Maldybaev (1 pedestrian collision 2018, 2 in 2017)

Akhunbaev - Rustaveli (1 pedestrian collision 2018, 1 in 2017)

Moskovskaya - Beyshenalieva (2 pedestrian collision in 2018)

Molodaya Gvardiya - Ryskulov (2 pedestrian collision in 2018, 1-2017)

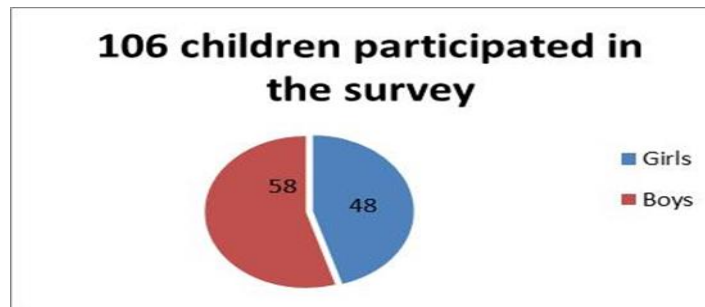


Infrastructure changes project

Supported by SRF, EASST, FIA Foundation, 2021-2022



Child Pedestrian Surveys (2019):
Molodaya Gvardiya-Ryskulov
Moskovskaya - Beyshenalieva
Akhunbaev - Maldybaev
Akhunbaev - Rustaveli
At 4 intersections 879 children/youth were
counted in 2 hours



Survey / Moskovskaya-Beishenalieva

Just now when you were crossing the road, did you feel safe?

YES	7
NO	16

Moskovskaya-Beishenalieva: Counting of 200 children in 2 hours.

Interviewed 23 schoolchildren.

Why did you answer "No"?

drivers don't obey the rules	10
when turning, cars don't let you through	1
car speed is high	3
No zebra	1



An international engineers visited these intersections and gave their recommendations for improvements (M.Chamberlaine, Tolga Imam Ogly). Requirements were made by SRF and EASST.



Received financial support of EASST and Safer Roads Foundation

Stakeholders collaboration

- Infrastructure Project addressed to Mayor City Office and Republican Traffic Police (Department on Construction and Maintenance (SMEU). Agreement made with SMEU and “Altem” Company.
- Collaboration took place with/via SMEU with local engineers, Mayor office structures (BAS, Lightning Department), private company



Changes

Infrastructure upgrades:

- Replacement and installation of pedestrian and transport traffic lights (cables, poles, controller).
- Audio signal pedestrian lights for visually impaired pedestrians
- Replacement of road signs (putting additional road signs)
- Straightening of pedestrian crossings
- Repair of adjacent sidewalks, stairs, ramps
- Painting of pedestrian crossings/road marks
- Installation of additional lighting
- Putting a safety island on Moskovskaya – Beishenalieva
- Repair of sidewalks

Replacement and installation of pedestrian and transport traffic lights (LED)



Replacement of controllers



Sidewalk repair



Sidewalk repair



Straightening of pedestrian crossings



Painting of pedestrian crossings/road marks



Replacement of road signs (putting additional road signs)



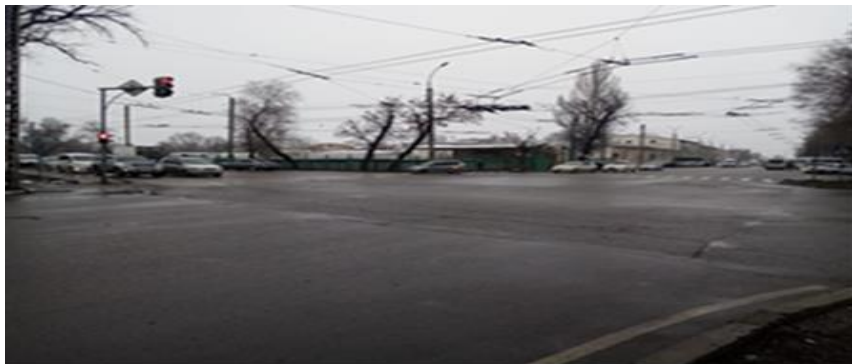
Repair of adjacent sidewalks, stairs, ramps



Putting a safety island on Moskovskaya – Beishenalieva



Moskovskaya - Beishenalieva



Before

Audible traffic light signals - 8 items
Road signs increased from 16 to 28



After

https://youtu.be/XYidKmlGYW0?si=uNHdtI8mooog_bvLG

Moskovskaya - Beishenalieva



Before



After

<https://www.youtube.com/watch?v=ROeqGmyODFM>

Moskovskaya - Beishenalieva



Before



After

Akhunbaev - Maldybaev



Before

<https://www.youtube.com/watch?v=JYyUmFloWZI>

<https://www.youtube.com/watch?v=w5Puxlqh4t8>



After

Traffic lights increased from 13 lamp traffic lights to 14 LED traffic lights

Pedestrian traffic lights increased from 5 to 10 with audible signals

Road signs increased from 21 to 38

Electric lamps increased from 5 to 7

Akhunbaev - Maldybaev



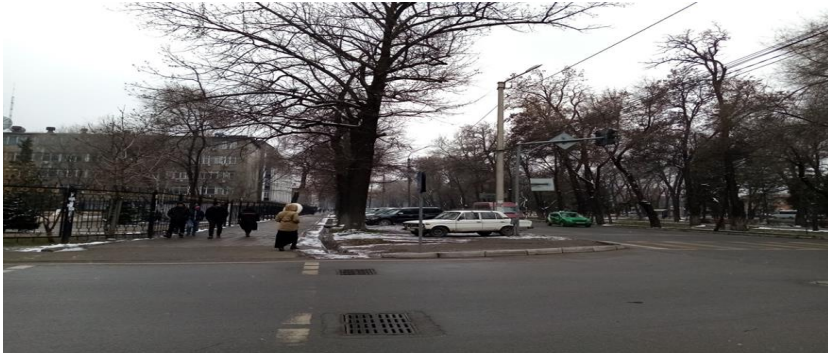
Before



After

<https://www.youtube.com/watch?v=8TvVRQMc7HY>

Molodaya Gvardiya - Ryskulova (2021)



Before



After

Molodaya Gvardiya - Ryskulova (2021)



After modernization



COMMUNITY SURVEY
PERCEPTIONS REGARDING THE IMPACT OF INFRASTRUCTURE UPGRADES
AROUND SCHOOLS: 8, 48, 61

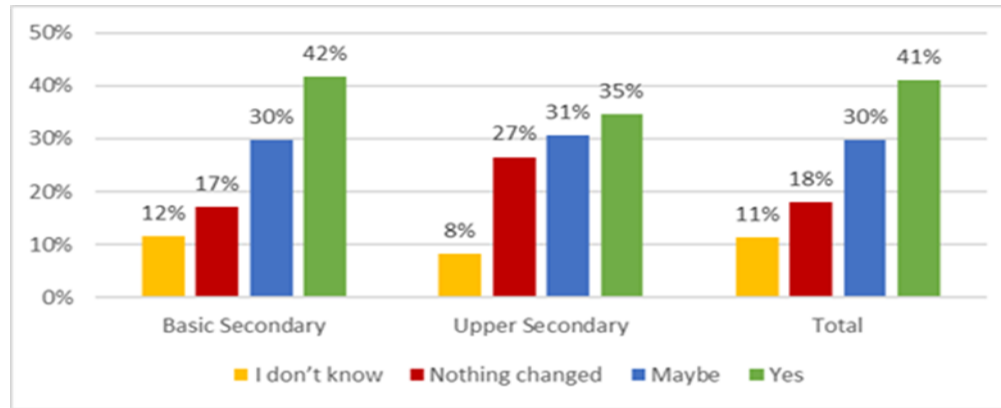
Total participation:
835 schoolchildren 10-17 years old
341 parents
64 teachers



Survey among pupils, teachers, parents (Schools 8, 48, 61)

Does improving the intersection near your school help you feel safer?

7 out of 10 students believe that improving the intersection near the school makes them feel safer.



Importance of metrics to measure a road safety improvement

- Road engineers/designers
- Road Authorities/Inspectors
- Local authorities

For the benefit of:

Residents

Enterprises

Farmers

government services



Importance of collaboration with partners



Memorandum of cooperation were signed between PA “RS” and Bishkek Patrol Police Department (24/07/2017)

Memorandum of cooperation were signed with Public Association “Civil Union” (2019)

Memorandum of cooperation were signed with Public Research Center “El Pikir’ (2013)

Member of the Public Council of the Ministry of Internal Affairs since 2018 - 2022.

Member of Working Groups concerning transport and road safety issues in various years.

Importance of collaboration with partners



Participation at the Work Group initiated by the MIA on Developing Draft of National Road Safety Strategy

- Resolution of the Cabinet of Ministers of the Kyrgyz Republic dated February 6, 2023 No. 50 - approve the National Road Safety Strategy in the Kyrgyz Republic for 2023-2027. Reference to EASST, p.3:

“Research conducted by the Eastern Alliance for Safe and Sustainable Transport (EASST) in 2017 in collaboration with the road safety authority shows that the majority of fatal accidents (72) occurred at 15 intersections in the city of Bishkek»

Participation at the Work Group of Ministry of Internal Affairs jointly with the public organization “Civil Union”. Based on the results of Work Group:

- “Concept of state policy in the field of crime prevention for 2022-2028”, “National action plan for the implementation of the Concept of state policy in the field of crime prevention for 2022-2028” were adopted. Public Association “Road safety” submitted its proposals regarding Road Safety.

Thank You!

