

# Bringing Safer Streets to Hanoi

Featuring road safety-focused projects by the Global Designing Cities Initiative (GDCI)



# Sai Son School Street



Hanoi, Vietnam

## Support

Bloomberg Philanthropies Initiative for Global Road Safety (BIGRS)

## Timeframe

2022-2024

## Transformation type

Interim Transformation

## Bringing safe cycling infrastructure to school streets in Hanoi

Since 2022, the Global Designing Cities Initiative (GDCI), in collaboration with the Bloomberg Philanthropies Initiative for Global Road Safety (BIGRS) and local partners, has been working with the Hanoi Department of Transport and Hanoi's Traffic Safety Committee to address the city's road safety challenges arising from increasing congestion and parking demands, especially around school zones. This project aimed to enhance the safety of streets around Sai Son School, benefiting the thousands of children who used them daily.

In the streets surrounding Sai Son School, located in the Hà Đông neighborhood, an average of 7,861 vehicles were counted during weekdays, making pedestrian movement, particularly for students during pick-up and drop-off times, difficult and dangerous. To improve safety, the project team extended sidewalks to provide more space for pedestrians, implemented curb extensions and refuge islands at intersections to reduce crossing distances, marked pedestrian crossings, and installed raised crossings in front of the school gate. The project also included the first dedicated bike lane on a school street in Hanoi

## Project Impact



**1851 sq.m** of area reclaimed for public use



**10** additional crossing was added to the site.



**805 sq.m** of area dedicated to cycling infrastructure



**27%** increase in respondents feeling very safe, with **18%** considering the street exceptionally safe for children.



**43%** reduction of pedestrians using the roadbed to walk and **32%** increase in pedestrians walking inside the marked crossing.



**98%** reduction in vehicles exceeding the speed limit of **30km/h** post-redesign.



# Nguyen Du School Street



Hanoi, Vietnam

## Support

Bloomberg Philanthropies Initiative for Global Road Safety (BIGRS)

## Timeframe

2022-2024

## Transformation type

Interim Transformation

## Speed reduction at school streets in Hanoi

Since 2022, GDCI, in partnership with BIGRS and local stakeholders, had been working with the Hanoi Department of Transport and Hanoi's Traffic Safety Committee to address road safety challenges due to growing congestion and parking needs, particularly around school zones. The goal was to create safer streets around Nguyen Du School for the thousands of children who used them daily.

In the vicinity of Nguyen Du School, located in a dense residential neighborhood, there was an average of 400 pedestrians during busy weekday hours. The narrow sidewalks were often occupied by parked motorcycles, forcing students to walk along the carriageway with motor vehicles. To improve pedestrian safety, the project implemented continuous sidewalks of at least 1.8 meters, raised crossings in front of the primary and secondary school gates to enhance visibility and reduce vehicle speeds, and designated motorcycle and bicycle parking facilities near the school entrances. Additionally, clear signage for speed limits, school zones, pedestrian crossings, and parking facilities were installed. The Department of Transport also piloted the first 30 km/h street in Hanoi at this site.

## Project Impact



**940 sq.m** of area reclaimed for public use



**1** additional crossing was added to the site.



**21%** increase in daily bicycle commuting.



**49%** increase in respondents feeling very safe, with **87%** considering the street exceptionally safe for children.



**71%** rise in respondents feeling comfortable allowing children to walk and bike alone post-redesign.



**84%** reduction in vehicles exceeding the speed limit of **30km/h** post-redesign.



Before



After

# Xuan Dinh School Street



Hanoi, Vietnam

## Support

Bloomberg Philanthropies Initiative for Global Road Safety (BIGRS)

## Timeframe

2022-2024

## Transformation type

Interim Transformation

## Improving pedestrian infrastructure around schools in Hanoi

Since 2022, GDCI, along with BIGRS and local partners, had been working with the Hanoi Department of Transport and Hanoi's Traffic Safety Committee to tackle road safety issues caused by increasing congestion and parking needs, particularly in school zones. The initiative aimed to make the streets around Xuan Dinh School safer for the thousands of children who used them daily.

Xuan Dinh School is located on a narrow street frequented by commercial vehicles, buses, and cars, creating a hazardous environment for children, caregivers, and educators. The school zone lacked traffic calming measures, further endangering pedestrians. The project introduced extended and continuous sidewalks, marked pedestrian crossings in front of the school gates, speed humps on either side of the school street, a new 30 mph speed limit, curb extensions, and pedestrian crossings with refuge islands at the roundabout.

## Project Impact



**612 sq.m** of area reclaimed for public use



**10** additional crossing was added to the site.



**36%** rise in respondents strongly feeling comfortable allowing children to walk and bike alone post-redesign.



**53%** increase in users feeling the street is very welcoming after the intervention.



**51%** increase in pedestrians walking inside the marked crossing



**26%** reduction in vehicles exceeding the speed limit of **30km/h** post-redesign.



**51%** increase in respondents feeling very safe, with **47%** considering the street exceptionally safe for children.



Before



After

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