

CASE STUDY

Rosehill Highways

SAUDI ARABIA King Abdulaziz Airport

CLIENT: Jeddah Airports Company
INSTALLER: Mensi Est

PRODUCT: Speed Calmer



ISSUES

- High vehicle speeds posed a significant safety risk at airport access points.
- Traditional concrete speed calming solutions were not feasible due to prolonged installation times and disruption.
- A solution was required that could be quickly implemented and easily removed if necessary.



OBJECTIVES

- 1 To substantially reduce vehicle speeds in key areas around King Abdulaziz International Airport, ensuring safety for both pedestrians and drivers.
- 2 To implement a traffic calming solution with minimal disruption to airport operations.
- 3 To custom-fit the Speed Calmers to the specific dimensions and demands of the airport's road system without compromising the existing infrastructure.
- 4 To provide a durable traffic calming solution that requires minimal maintenance, ensuring long-lasting performance and cost-effectiveness over time.

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SOLUTION

1

Speed Calmers were chosen for their proven effectiveness and suitability for high-traffic areas like airports.

2

Speed Calmers were tailored to fit specific road widths at the airport, ensuring a seamless integration with the existing road infrastructure.

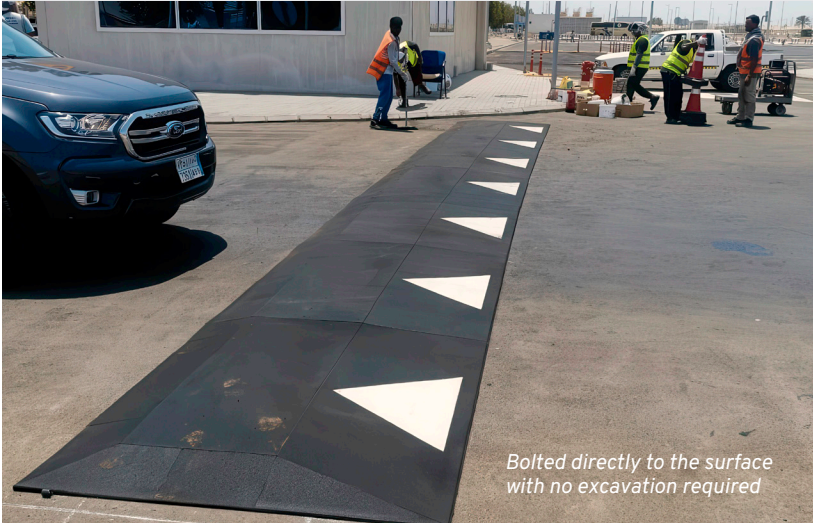


3

Leveraging the pre-fabricated, modular design of the Speed Calmers, the installation team was able to install the solution quickly, significantly reducing downtime.

4

The modular nature of the Speed Calmers allows for easy adjustments, relocations, or removals if airport layouts or traffic flow patterns change in the future.



Bolted directly to the surface with no excavation required

Rosehill Highways Speed Calmers are engineered for superior performance in traffic calming, manufactured using recycled rubber to ensure durability and sustainability. Designed to effectively reduce vehicle speeds and enhance road safety in a range of environments, their flexible design allows for quick and seamless integration into existing road infrastructures, making them an excellent choice for areas requiring dependable speed control solutions.

RESULTS

- Immediate reduction in vehicle speeds, significantly enhancing road safety around the airport.
- Minimal disruption during installation, with the Speed Calmers being implemented efficiently without affecting the airport's operations.
- Contribution to the airport's sustainability goals by using a recycled and recyclable product.



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