CASE STUDY - ACCORDION ROAD BARRIER

NEW CAIRO GOVERNMENT SQUARE PROJECT

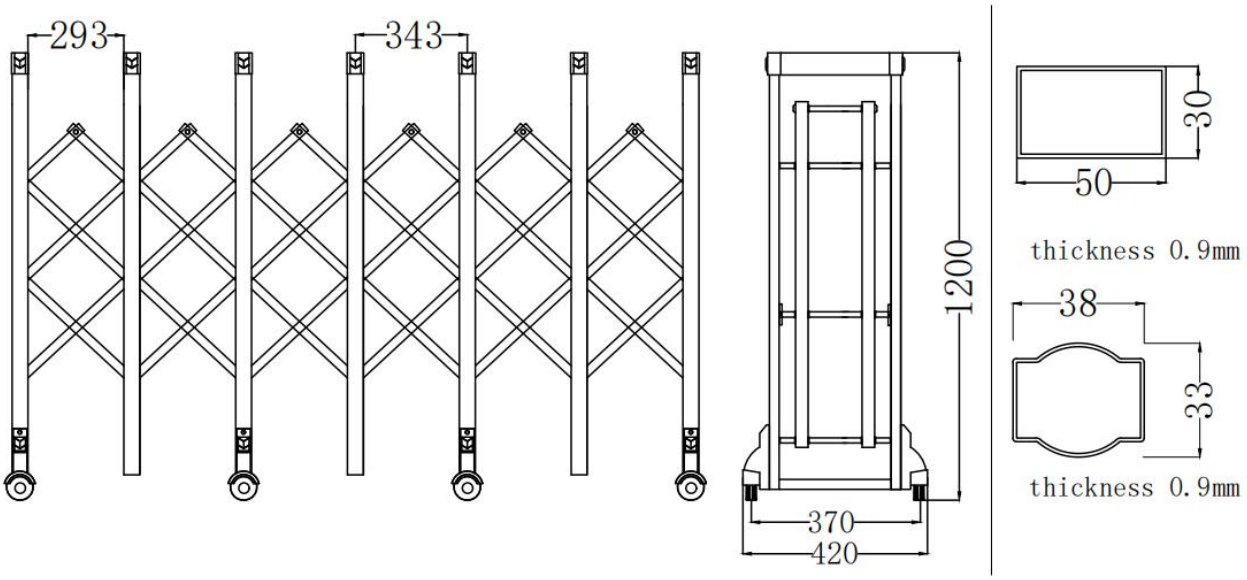


BACKGRUOND

A magnificent government square is under construction in the heart of New Cairo, which will become **Egypt's future administrative center**. Located east of Cairo, the project aims to address the overcrowding problem in Old Cairo and includes the presidential palace, the House of Representatives, government office buildings, and a large mosque. Its modern design showcases a contemporary national image.

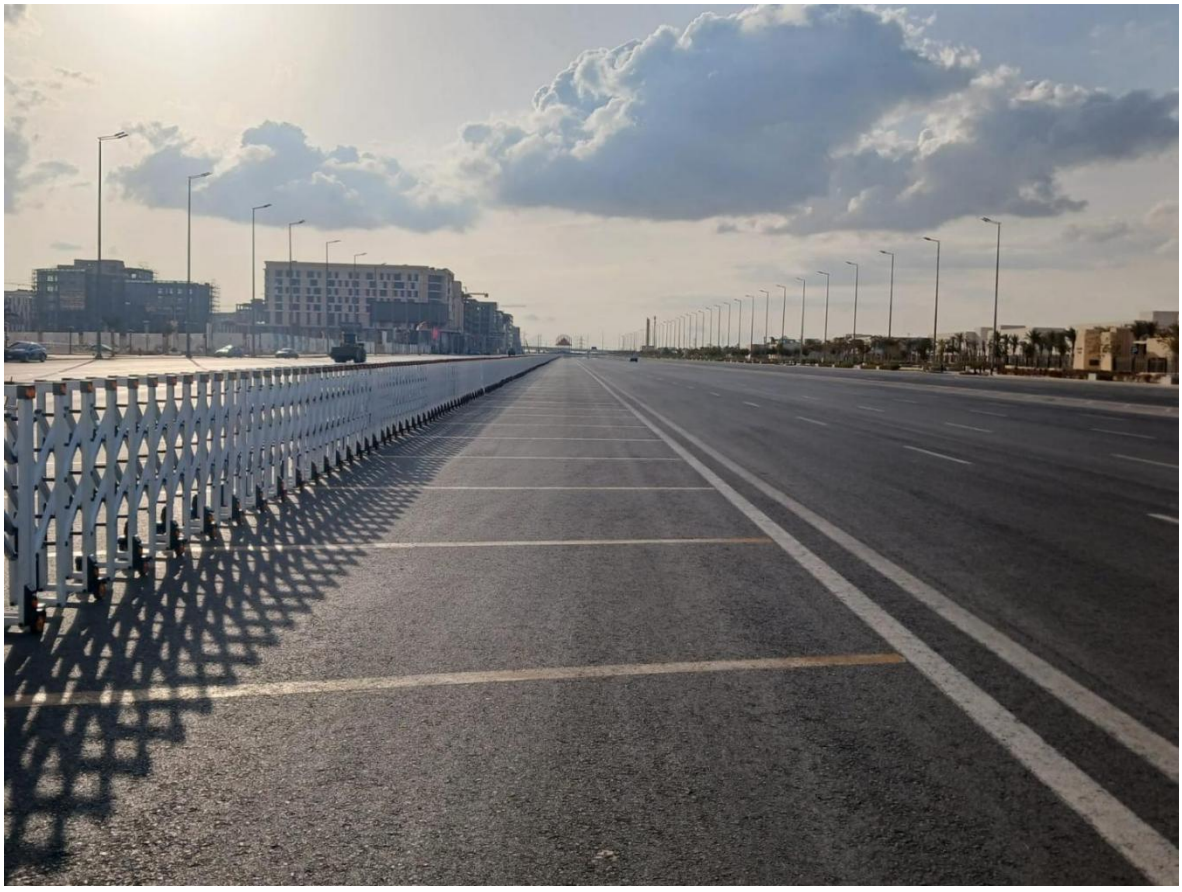


The client contacted us in March 2024. The new city is still under construction, and the roads are very wide with multiple lanes. To achieve traffic separation and control, the client approached us for a suitable traffic control solution. The entire project took a year from planning to delivery.

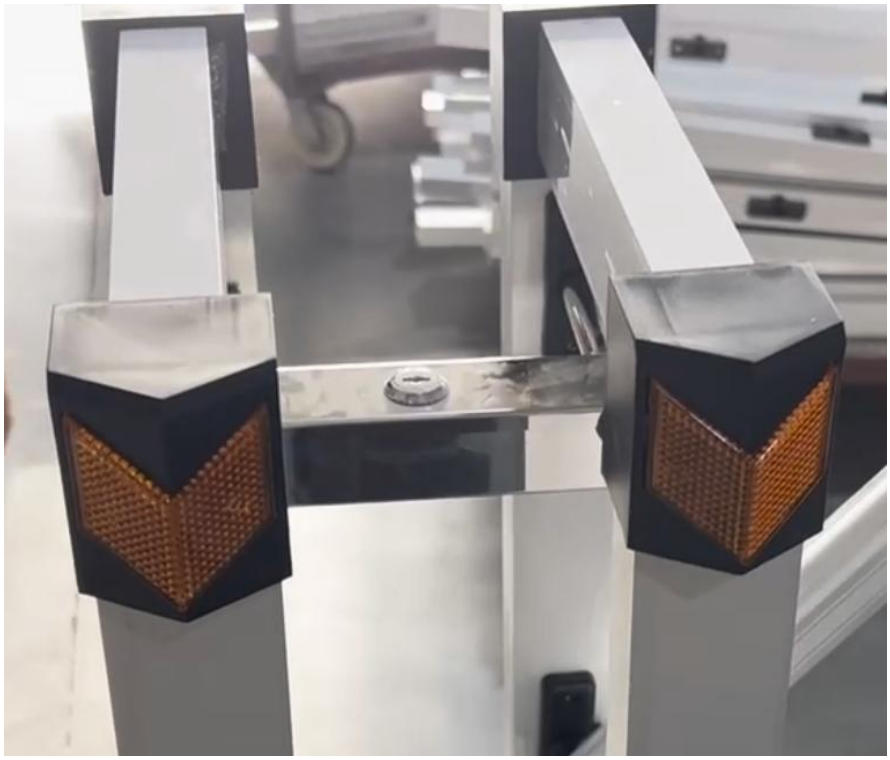


CUSTOMER REQUESTS

- The total length is **4700 meters**, to be completed in two phases, with each phase lasting **one month**.
- Used as municipal guardrails, placed in the middle of the road, **not as fixed facilities**.
- It can be **unfolded/collapsed** at any time and is **movable**.
- It can be divided into multiple segments, and they **can be connected together**.
- Made of **aluminum alloy**, it is rust-free and durable.
- Can be **taken away at any time** for easy moving



OUR SOLUTION



- We recommend our **aluminum alloy accordion road barrier**. They are rust-free and feature reflective panels at the entrance and corners for excellent nighttime visibility.

- Each road barrier measures **1200mm high x 420mm wide x 10000mm long**. Wheels are installed every other row for easy movement, and **brake wheels** at both ends prevent movement after placement.

- Each pair of road barriers is equipped with a **stainless steel interlocking lock**. If one 10-meter barrier is insufficient, two can be linked together to create a 20-meter barrier. The required number of barriers can be customized.

- A 10-meter accordion road barrier retracts to **2.2 meters** and weighs approximately **80 kg**, making it easy to move and reuse. When not in use, it can be stored in a warehouse. It is multifunctional, serving not only as traffic barriers but also **as fencing and crowd control**.

CUSTOMER FEEDBACK



In November 2024, the customer confirmed the purchase order. We successfully delivered the first batch of roadblocks in December and the second batch in April. During this period, the customer **visited China and our factory**, expressing great satisfaction with our manufacturing process and indicating a desire to expand future cooperation.

After the goods arrived, the customer **provided** us with excellent **photos and videos**. We thank the customer for their affirmation and recognition of our products.