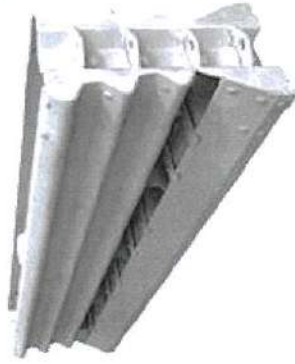




HACO SMART EASY MOVEABLE BARRIER

Engineered by Safe Roads Pty Ptd / Manufactured by Shin Sung Control Co. Ltd



CAHAYA AULIA SDN.BHD
(Co.No.1162368-X)



HACO SMART EASY MOVEABLE BARRIER

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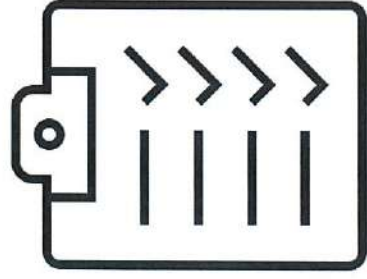
Current Gate Systems

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HACO SMART EASY MOVEABLE BARRIER

Advantages Over Current Gate Systems



Criteria for an Ideal Gate System



Simple & Quick to open

Simple Mechanics and Parts



Easy Maneuver

Manpower-operational by a single person



Immune to system failure

Simple mechanics less likely to malfunction



Safe-Crash Tested



Weatherproof

Especially in hot weather

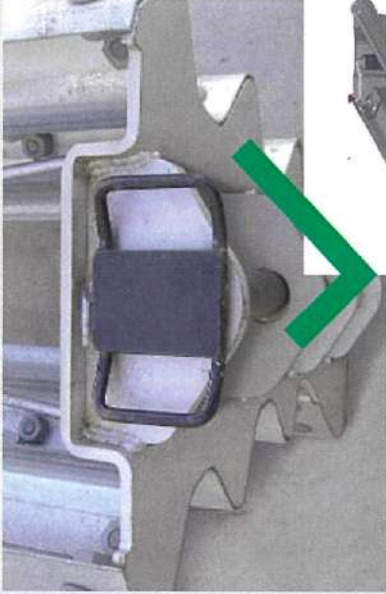


Refurbish-able after accident

easy to maintain or to replace

HACO SMART EASY MOVEABLE BARRIER Advantages Over Current Gate Systems

Simple & Quick to open

Current Gate Systems	EMB Gate System
Complex design and multiple steps result in longer opening time-often left unclosed after use  	Two step design-allows gate to open in seconds  

HACO SMART EASY MOVEABLE BARRIER

Advantages Over Current Gate Systems

☒ Easy Maneuver

Current Gate Systems

Up to 12 meter span gates and overheavy weight makes it near impossible to maneuver by a simple person
Up to 3 people needed



EMB Gate System

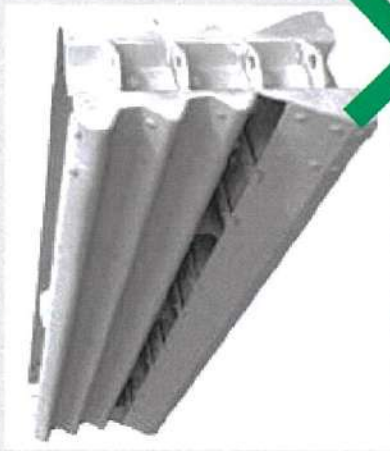
Modular 4M span design allows for a single person to maneuver the gate at any of the 4 meter connection points



HACO SMART EASY MOVEABLE BARRIER

Advantages Over Current Gate Systems

☒ Immune to system failure

Current Gate Systems	EMB Gate System
Complex design and system components results in malfunctioning of the gate 	Simplistic design and components make durable and impervious to system failure 

HACO SMART EASY MOVEABLE BARRIER Advantages Over Current Gate Systems

☒ Safe-Crash Tested

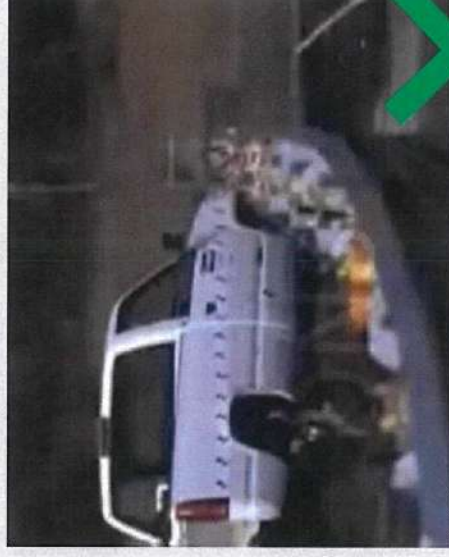
Current Gate Systems

Often gates are not crash tested
Water filled barriers are utilized
instead of gates entirely



EMB Gate System

Crash tested to NCHRP 350 T
L3 and TL4



HACO SMART EASY MOVEABLE BARRIER

Advantages Over Current Gate Systems

☒ Weatherproof

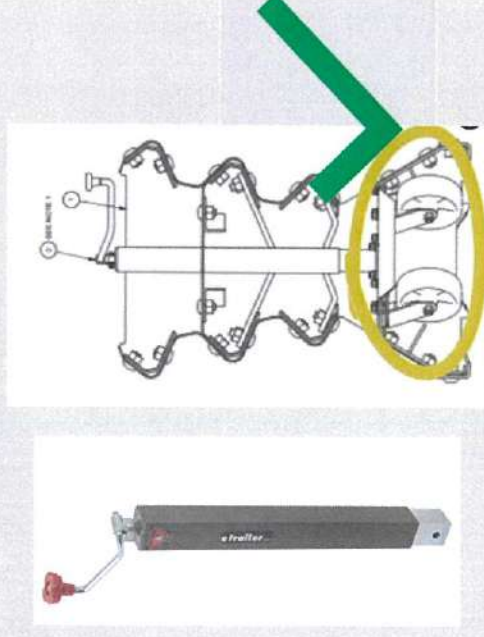
Current Gate Systems

Wheels or other anchoring Components are often buried into premix



EMB Gate System

Wheels are stowed away and only brought to road surface during use. Also no complex components to be affected by the weather



HACO SMART EASY MOVEABLE BARRIER

Advantages Over Current Gate Systems

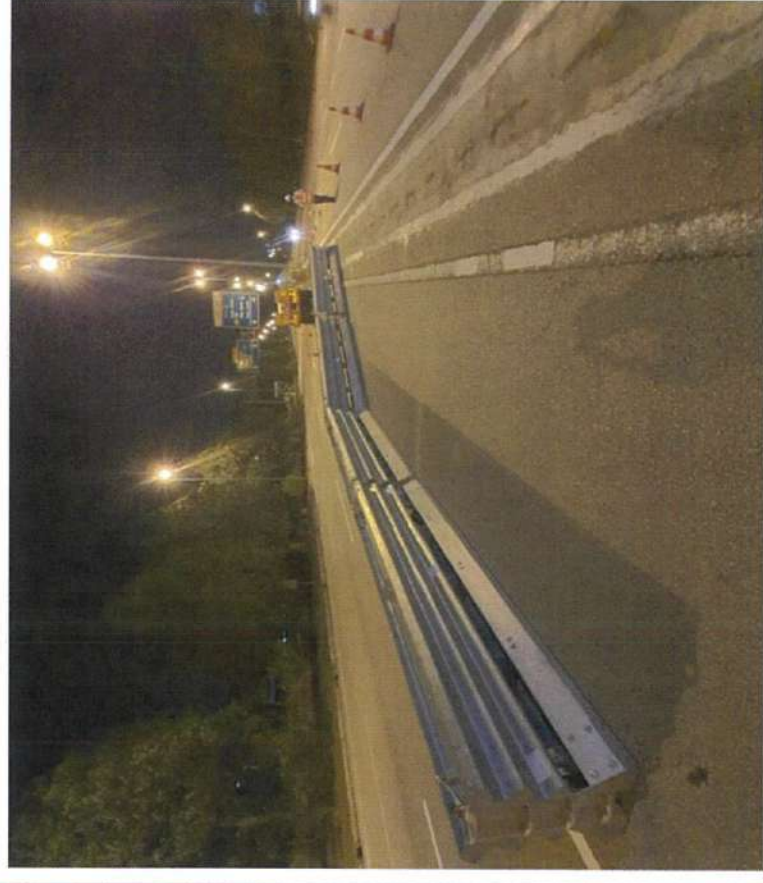
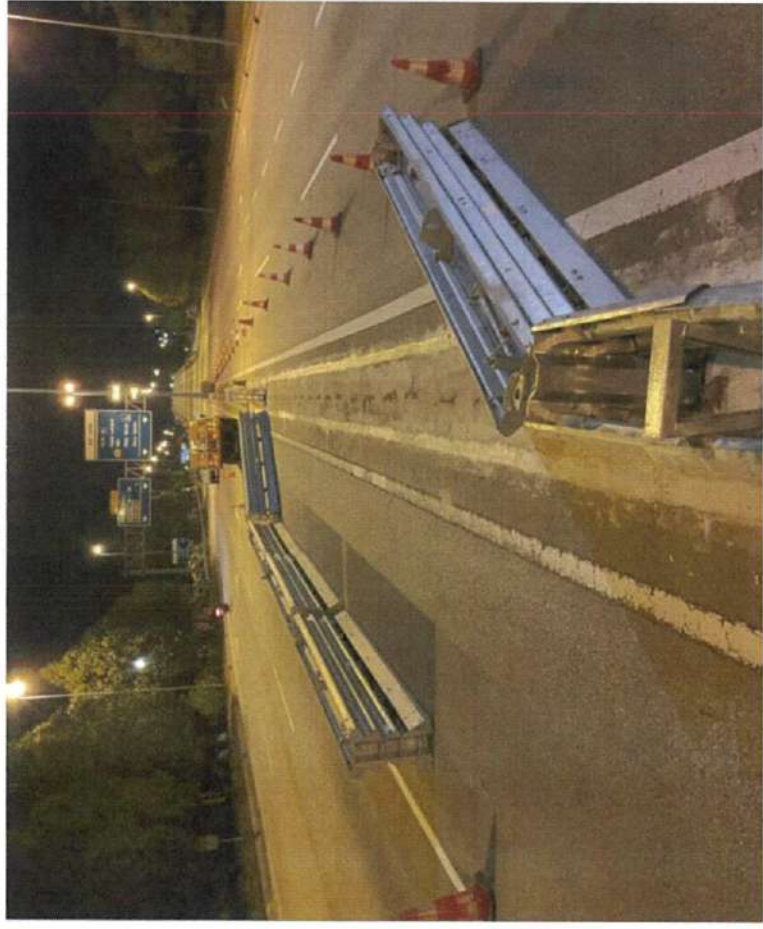
☒ Refurbish-able after accident

Current Gate Systems	EMB Gate System
Longer door systems that must be entirely replaced after an accident 	4 span modular system allows for Specific sections to be replaced 

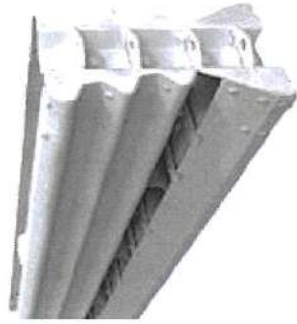
HACO SMART EASY MOVEABLE BARRIER

Advantages Over Current Gate Systems

Criteria for an Ideal Gate	Current Open Systems	Vulcan Emergency Median Open System
Simple & Quick to open	Complex design and multiple steps result in longer opening time-often left unclosed after use ✗	Two step design-allows gate to open in seconds ✓
Easy to Maneuver	Up to 12 meter span gates and overheavy weight makes it near impossible to maneuver by a simple person. Up to 3 people needed ✗	Modular 4M span design allows for a Single person to maneuver the gate at any of the 4 meter connection points ✓
Immune to system failure	Complex design and system components results in malfunctioning of the gate ✗	Simplistic design and components make durable and impervious to system failure ✓
Safe-Crash Tested	Often gates are not crash tested Or water filled barriers are utilized instead of gates entirely ✗	Crash tested to NCHRP 350 TL3 and TL4 ✓
Weatherproof	Wheels or other anchoring Components are often buried into premix ✗	Wheels are stowed away and only brought to road surface during use. Also no complex components to be affected by the weather ✓
Refurbish-able after accident	Longer door systems that must be entirely replaced after an accident ✗	4 span modular system allows for Specific sections to be replaced ✓



SUPPLY & INSTALL **HACO SMART EASY MOVEABLE BARRIER**
AT KM5.3 NB, LEBUHRAYA KEMUNING - SHAH ALAM (LKSA)



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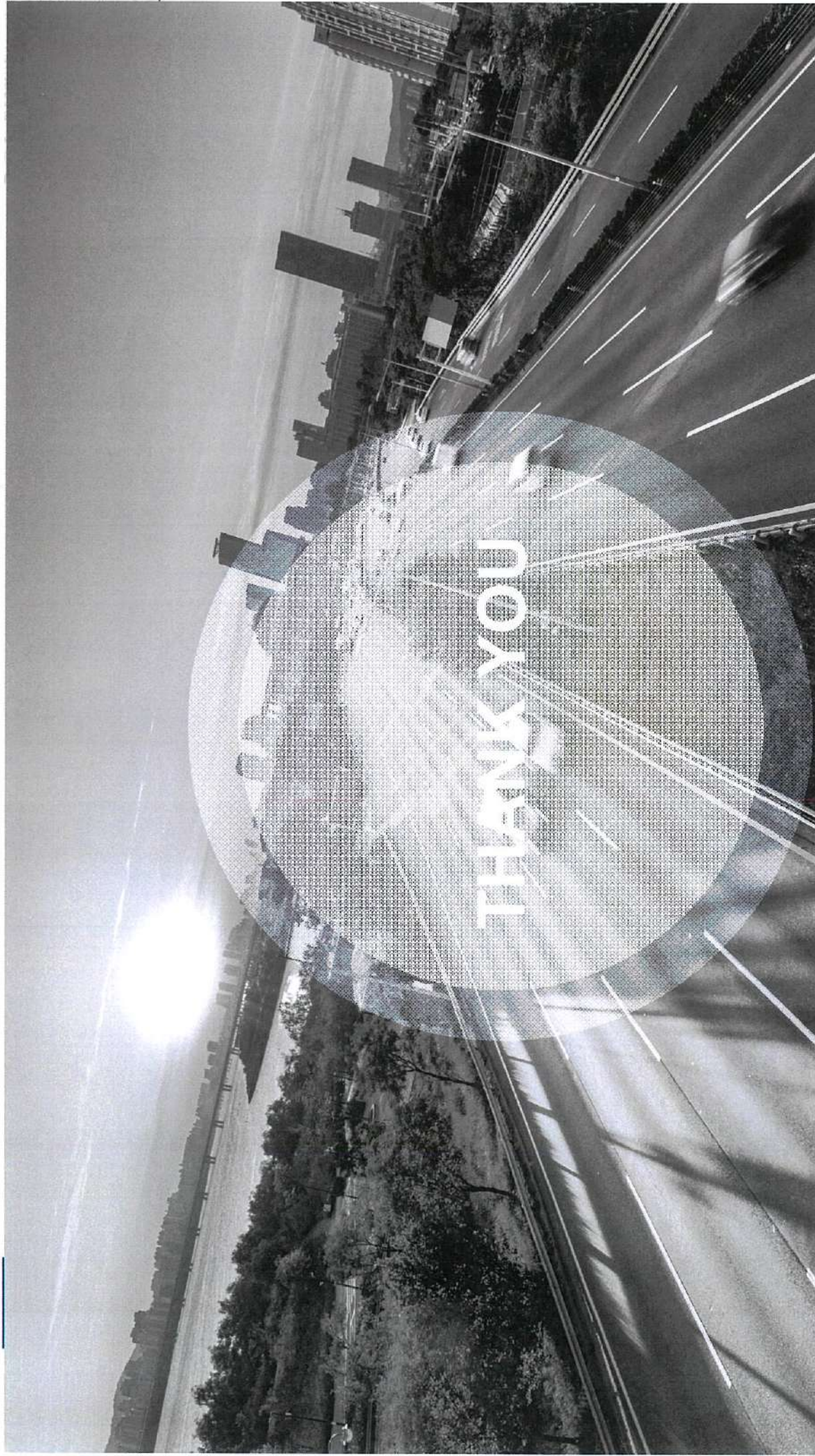
[Co.No, 1162368-X]

EMB-Ideal Gate System for Emergency Situations



- Simple design, easy to open and close quickly
- Freestanding and lightweight, easy to maneuver by a single person
- Crash tested, safe redirection upon vehicle collision





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