



ZEROCIVIL

ZC-CASE-001

INDUSTRY ACCEPTANCE & CASE STUDIES

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## MRWA

ZERO WASTE Foundations are used by MRWA to secure traffic signage, removable bollards and handrails.

***"Our selection is not based on price alone, rather the safety and saving aspects of the product."***

*Firstly, for sign locations such as islands and median strips, often with paving and concrete, the replacement of a damaged sign post is both time consuming and requires a lot of unnecessary effort in a dangerous environment.*

*ZERO WASTE Foundations allow the quick replacement of posts with no further effort required to the base and reduces risk to our employees by reducing the time spent on these islands exposed to traffic.*

*Secondly, ZERO WASTE Foundations are more resistant to vandalism and deliberate destruction."*

Terry Saward Asset Manager for Western Australia's leading urban maintenance contract.



## VENTIA

Ventia are responsible for maintaining two of Western Australia's most high-profile tourist destinations, Hillary's Marina and Fremantle Port. Both are high traffic areas on the coastline subject to wind and corrosion.

They use ZERO WASTE Foundations for securing infrastructure from bins to signposts, fencing, grab-rails and bollards.

*"The best securing device by far! We have found these products to be exceptional- They have saved us a great deal of maintenance - We find ZERO WASTE Foundations time saving and very reliable."*

NB: recently started installing their bollards using the Impact Recovery System and Advanced Polymer Bollard covers.



## SUBIACO CITY

Subiaco Town Council (securing parking signage and grab-rails) is one of the more urbanized and well-established local government authorities in WA.

***"The main advantage is being able to replace damaged items quickly.***

*We can now replace damaged items within five minutes of being notified of the damage. As we have such busy shopping districts under our jurisdiction, being able to change items without disturbance to the public is a major advantage."*

PRKSONSULT Contractor to Subiaco



## VCP STREETCARE HOLLAND:

**A distributor of quality street furniture in Holland.**

**"High quality products.** Operating out of Holland we have access to the world's leading technology. We selected the ZERO WASTE Foundations (Street-lock) as our preferred locking device for our high-quality street furniture. ZERO WASTE Foundations make it much easier to install street furniture and is both reliable and aesthetically pleasing."

Used to secure bollards, street furniture, signposts, bike racks, bins, outdoor seating and tables.

*VCP continue to sell the system in Europe*



# TOMEN CORPORATION (TOYOTA) JAPAN

## Seeking high quality innovations

Tomen Corporation (Toyota subsidiary) has taken the Smart Urban technology to Japan. Shown here is a representative for Tomen demonstrating the system to the Road Traffic Authority in Japan (Niigata Police).

“We are very pleased with the ZERO WASTE Foundations and we’re happy to discover that rain, snow and sleet do not adversely affect it. This means maintenance crews can operate year-round without problems.”

NB: One of the major advantages in such highly populated regions is the reduction in disturbance to the public and reduction in waste.



## LEIGHTON CONTRACTORS

**Leighton Contractors** (CIMIC) installed ZERO WASTE Foundations and ZERO WASTE Traffic Bollards on the Southern gateway project to improve sustainability and reduce maintenance. Maintained by **Fulton Hogan** the infrastructure on this projects remains in good condition several years on.

*"The Smart removable bollards and grab-rails make our job so much easier".*

*Operations Manager Peel region.*

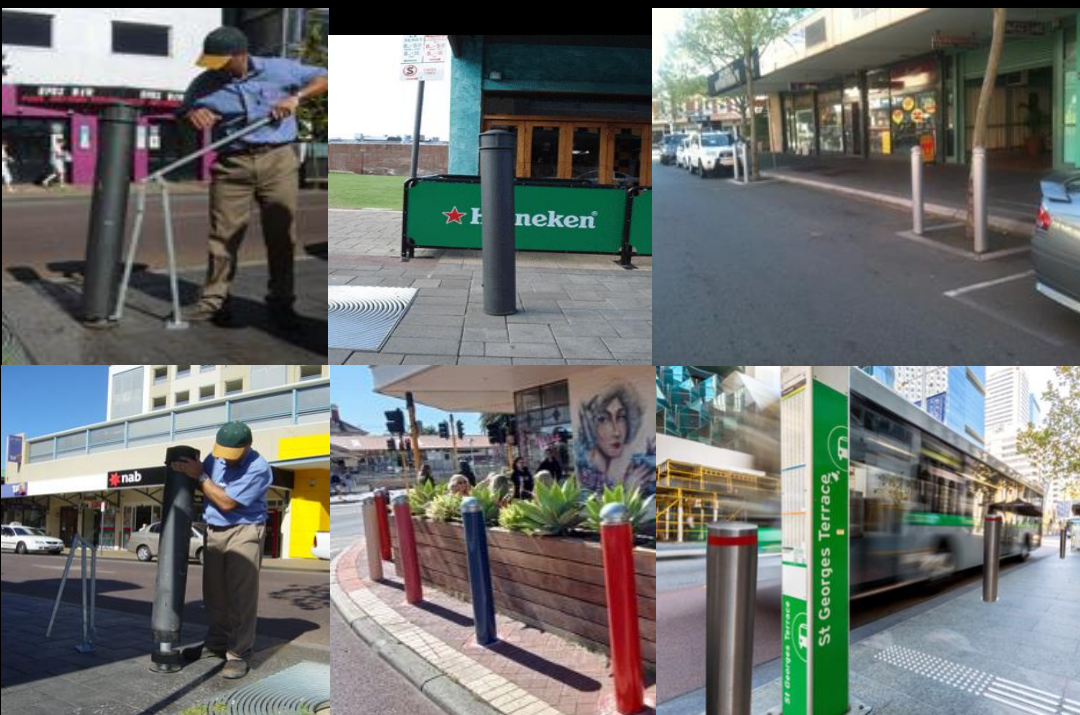


## CITY OF PERTH/ FREMANTLE/ BUNBURY

The Smart Impact Recovery System is used by all major cities in WA (**City of Perth; City of Bunbury; City of Fremantle**) to reduce maintenance in busy city centres.

*" The Impact Recovery System saves us so much time by reducing damage to foundations, and damaged bollards can be quickly replaced"*

Vince Dichera, City of Perth



## STIRLING CITY COUNCIL

Stirling City has been one the most proactive councils in WA installing thousands of units in a very short time frame the city has quickly transformed from a state of constant decline to a state of improvement.

One major development is a good example of a smart ZERO WASTE development- The foreshore development remains in pristine condition today



## RIO TINTO

Rio Tinto has applied over one thousand Taper-lock units in pre-cast concrete foundations. The sockets protect the foundations from damage and make all items of infrastructure easily removable for maintenance or relocation.

When a site is closed the infrastructure is popped out and the socket capped. The entire base is then re-located to the new site and the infrastructure installed using the Smart Taper- No landfill, no Waste from maintenance and No Carbon footprint.



## JESTERS PIES AND CAFES

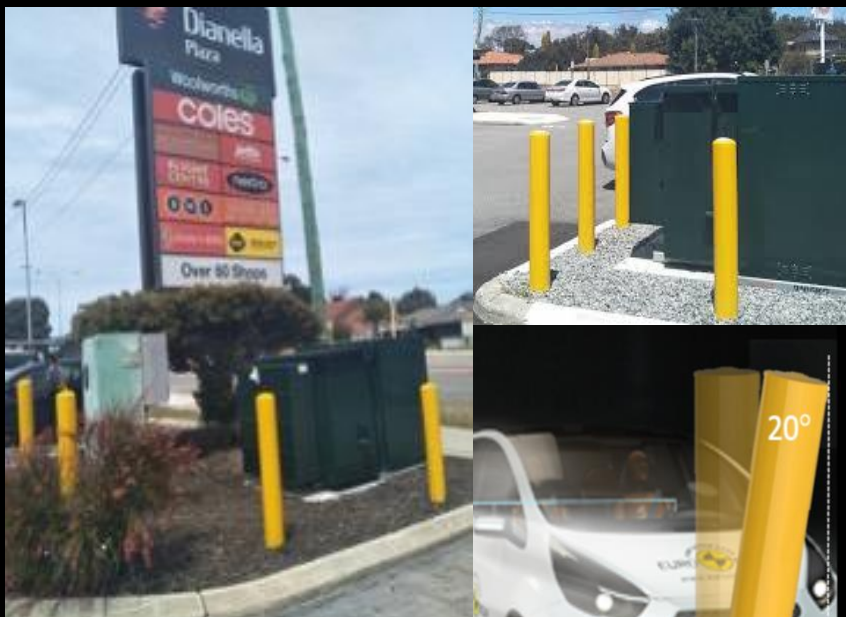
ZERO WASTE Foundations have been used by cafes to install tables, chairs and umbrella supports making them safe and stable, yet easily removable and interchangeable.

Shown here some cafes in Subiaco.



## WESTERN POWER

Advanced Polymer bollards installed using ZERO WASTE Foundations using the Bollard Impact Recovery System have been installed on hundreds of locations to protect electrical power stations. And drive thru fast-food outlets



## KFC DRIVETHROUGHS

KFC found they were spending thousands on repeated repairs- so approached us regarding the Impact Recovery System. Initially implementing Steel Impact Recovery Bollards and later swapping them out for Advanced Polymer Impact Recovery Bollards.

## WESTFIELD SHOPPING CENTRE

Used our Bollard covers to revamp old shabby looking bollards improving aesthetics and resilience. (50 year lifespan (25 in direct sunlight))

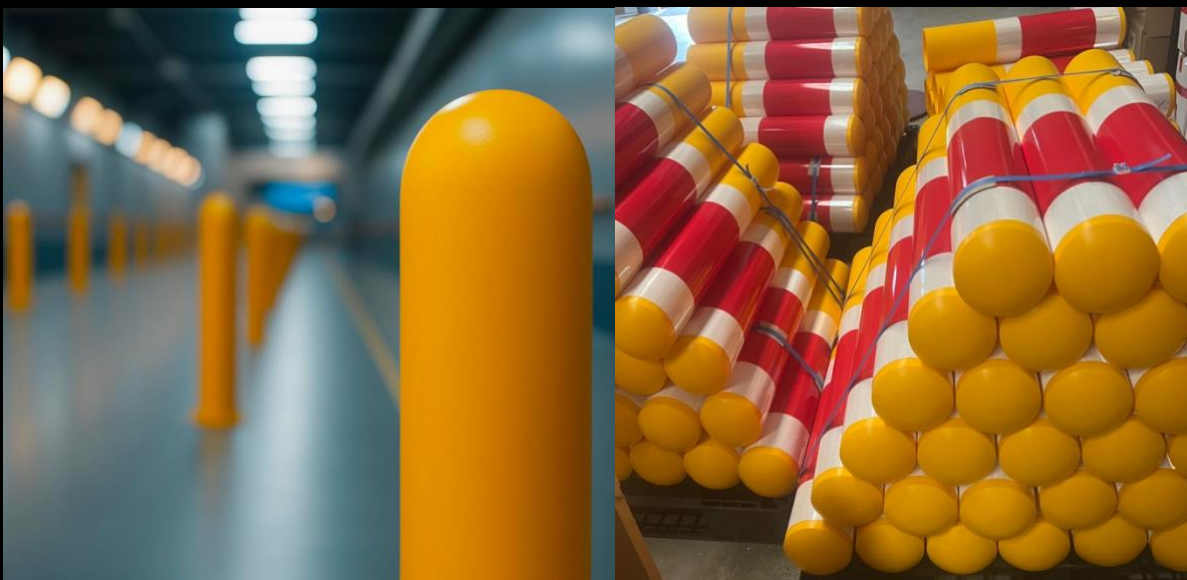


## DEPARTMENT OF TRANSPORT WA

Department of Transport recently installed hundreds of Impact Recovery Bollards (Advanced Polymer low impact) on the new train stations.

They chose these bollards for

- Impact Resistance
- Resilience
- Safety
- Cost saving
- Price





**ZEROCIVIL**



Click on the photo above to view all the new ways to install your system.

**Replacement poly posts  
slide in easy at Gosnell's**