



**SMART** SUSTAINABLE FOUNDATIONS  
the foundations for a better future



## Simply smarter developments

It's easy to spot a Smart development. Foundations remain in pristine condition and all road-side items remain perfectly aligned, safe and secure, impact after impact, year after year

## Improved efficiency

Instead of taking weeks to dig up newly laid foundations, you can install ground sockets when pouring the concrete footings, and the infrastructure for an entire development can be installed in a single day.

Response to infrastructure failures is fast and efficient. Ergonomic tools are used to effortlessly remove items from a standing position, (facing on-coming traffic)

## Improved safety

No disturbance to public or underground services for maintenance. No digging or heavy labour and time working in dangerous traffic is substantially reduced

## Only cost is labour

No on-gong waste, No on-going supplies. The only cost is labour, (and traffic management for extreme locations) eradicating the risk of cost overruns and delays, and because they are sustainable you continue saving for decades

## Grow increasingly efficient

Smart Sustainable Foundations benefit almost every facet of a development from planning through to installation, maintenance & upgrades

Whilst the not-so-smart developments continue to grow increasingly costly to maintain, Smart developments grow increasingly efficient, as the time and money usually spent on maintenance is spent on further improvements

On new works you save day 1. On maintenance there's no need to dig up good foundations simply replace damaged foundations and within 2-3 years the majority of your work will be Smart and you continue to save for decades



Dial before you dig	
Cost of new concrete	
Cost of new paving	
Labour	✓
Back injuries	
Damage to underground services	
Injury working traffic	
Trip factors	
Travel to tip	
Tipping fees	
Traffic Management	✓
Delays due to bad weather	
Penalty payments	

# We are Zebra strong we refuse to be broken

Metal and concrete are not impact resistant resulting in an ever-increasing cycle of damage and waste. Thinking outside the box we utilised a new-age Smart plastic that is both impact resistant and Self-healing

The world's most environmentally friendly plastic, (made entirely from petroleum waste.) has been used to put an end to carbon intensive waste and the on-going consumption of carbon intensive resources

Ground sockets can be installed when pouring concrete footings, (or retro-fitted) preserving the integrity of the foundations and creating a perfect finish

A self-locking taper is used to secure items using friction which ensures that items remain perfectly aligned, safe and secure year after year

Instead of taking weeks, you can install the infrastructure for an entire development in a single day.

When an item of road-side or urban infrastructure is impacted, Smart Sustainable Foundations absorb the impact force, (protecting the surrounding concrete and paving from damage) and quickly self-recover, remaining in pristine condition impact after impact, year after year.

Ergonomic removal tools are used to effortlessly remove items from a standing position, (facing on-coming traffic)

Approved nationally  
DOH&S Worksafe Award  
Innovator of the Year



# Secure any item

Suitable for securing 600D CHS posts, you can secure almost any item from small posts, traffic signs, barriers, street furniture, statues, to large double posted signage. and football posts.

Large diameter bollards can be secured using the Smart Impact Recovery System (making not only the foundations but also the bollard re-usable impact after impact) and we also have Sustainable Foundations for Traffic Light Columns

This is not an above ground fixing device and has no unstable pins or padlocks, it is a protective shield, so the size item you can safely secure is only limited by the quality of the foundation.

Good concrete can last 100 years, (but rapid set can be broken on the very first impact) and the concrete footing must be made large enough to ensure it is not dislodged when an item is impacted. Refer to local guidelines

## Unit includes

- Ground Socket (150/350/650 depth)
- Smart Self-locking Taper
- Cap

Removal Tool required (Lifetime warranty)

[smarturban.com.au](http://smarturban.com.au)

