



SMART LOW IMPACT BIKE PATH BOLLARDS

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This is the only system we have found that keeps working year after year. The Smart Impact Recovery System makes our bollards and the surrounding footing and pavements re-usable. Maintaining bollards in the busy city centre a breeze compared to the old way” **CITY OF PERTH**



UNSAFE BIKE PATH BOLLARDS

With a growing number of bike riders there is a growing need to improve the safety of bike paths and bike lanes.

Delineators offer absolutely no protection to bike riders and solid steel bollards provide a major risk of injury to bike riders as do protrusions left from broken bollards

These bollards need to

- Prevent vehicle entry
- Reduce the risk of injury bike riders
- Be removable with no trip factors



SAFE LOW IMPACT BOLLARDS

Unlike solid steel bollards, when impacted by a bike rider two shock absorbing rings allow the bollard to absorb the impact force, reducing risk of injury and slowly self-recover.

Smart Bollards remain rigid and strong steel internal core prevents access to vehicles by preventing deflection beyond 20 degrees. A poly bollard cover provides a soft surface further reducing risk of injury

EXTREMELY SAFE AND DURABLE

Safer and far more durable than traditional solid steel bollards, spring-loaded bollards or flexible plastic delineators and will not become unstable over time. Durable Bollard covers will not fade; will not dent and if scratched they are the same colour throughout



EASY TO MAINTAIN

Smart surface mount or in-ground foundations protect the surrounding asphalt, concrete or paving from damage for the life of the development.

Bollards are removable using tools provided for events, maintenance, and future upgrades

If the bollard is badly impacted by a vehicle the internal post can bend at ground level and can need replacing (takes one person around 5 mins)

Standard units are

- Safety Yellow
- 1200High
- Highly visible
- Done cap
- Reflective striping
- In-ground 350 mm

but can be made in any colour (min 6)

Innovator of the Year

DOH&S Worksafe Award

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