



## Roe Street Enhancement, Perth, WA

Roe Street is one of Perth's oldest streets. As part of the Perth City Link Project, it underwent a major upgrade. There were a number of elements to this including wider footpaths, new street furniture, more than 200 new street trees and segregated bike lanes to improve traffic flow and increase safety for cyclists.

### Project Design Brief

Water management was a key design objective and to keep surfaces free of standing water during rain, runoff had to be efficiently removed. Designers required a strong, easy to maintain pedestrian safe trench drain with a strong grate to facilitate the safe movement of pedestrians, cyclists and vehicles.

### ACO's Solution

- **KlassikDrain** K300 with Galvanised Iron Intercept **Heelsafe**® *Anti-Slip* grates.

### Benefits

- The 0.5% invert slope of the channel system suits the flat and level pavement and provides sufficient fall to the outlet within the channel.
- The Iron Intercept **Heelsafe**® *Anti-Slip* grates provide slip resistance to AS 4586 and are compliant for wheelchair and walking cane safety
- Grates rated to Class D (AS 3996) means the trench drain is robust enough to be trafficked by service vehicles

### Other ACO products used

- Cable pits ([ACO Cablemate](#))

