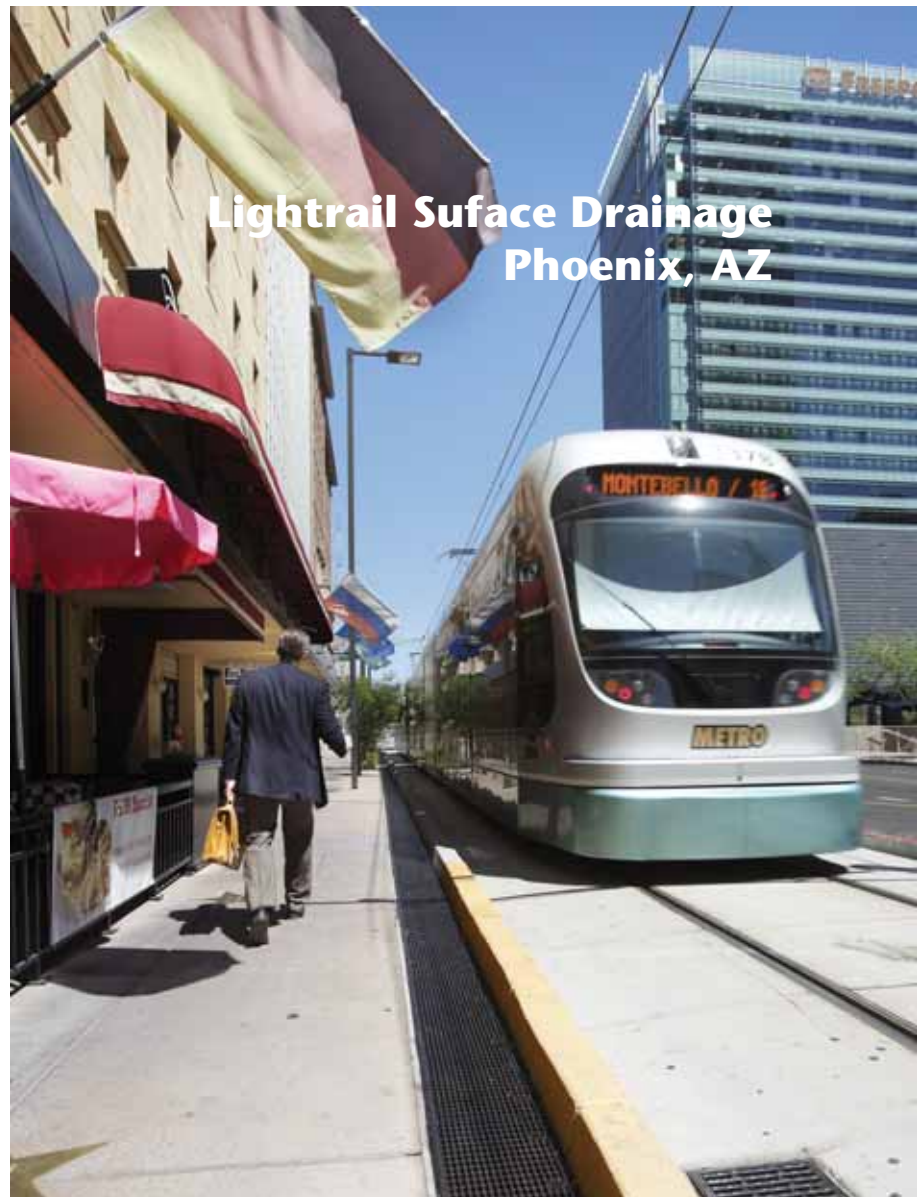


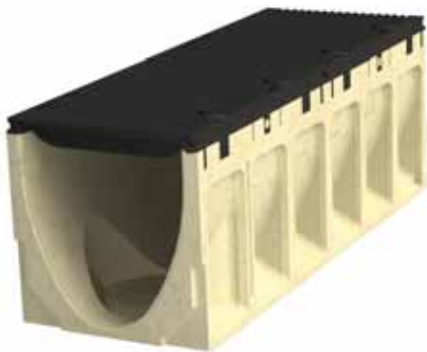
# ACO DRAIN



**Lightrail Surface Drainage  
Phoenix, AZ**

## ACO PORTFOLIO

### **Product:**



### ***S300K PowerDrain with Ductile Iron Longitudinal Grate (ADA)***

The construction of the Phoenix light rail called for a variety of surface drainage solutions. Although Arizona is a desert state, when it rains it can be quite intensive and the designers wanted to make sure all the light rail infrastructure within the Phoenix City Center was always completely clear of surface water.

The nature of both pedestrians walking over the drainage required compliance with the ADA law, but there was considerable traffic of all sizes and weights being seen by the trench drain also.

ACO Drain S300K was the perfect solution. To complement the main S300K drainage trenches, both standalone ACO Drain series 600 catch basins were used and in some areas and ACO Drain K100 with type 478 ADA compliant grates were used perpendicular to the light rail tracks – these provided catchment drains if water ran along the slab in the direction of the rails. This was an important feature in the areas around the station.