

ACO DRAIN

Interstate 15, Salt Lake City, UT



ACO PORTFOLIO

Product:

S100K Powerdrain with Ductile Iron slotted grates



In the design of the new section of I15 the drainage of large flat sections of highway needed to be solved to prevent the build up of surface water which would be hazardous to drivers using the road.

A solution that would eliminate all ponding was required, area drains alone could not be used due to the lack of natural ground slope and the cost of creating the necessary slopes for area drains to be effective.

22,400 lf of Powerdrain - S100K was selected as the ideal solution as it provides a continuous drainage trench, with excellent hydraulics which eliminated the risk of ponding.

S100K has been tested up to Load Class F so could deal with the wide variety of vehicles that would be using the road. Grates are locked into the channel at 8 points on every meter channel which reduces the risk of missing or lose grates.