ACO Infrastructure - TraffikDrain

Case Study

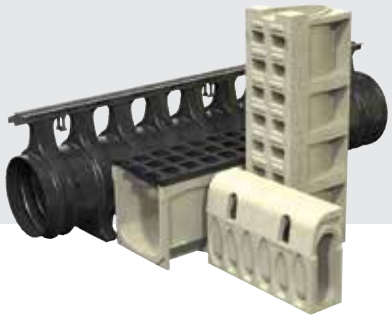
O'Herns Road Upgrade - Melbourne, VIC

The O'Herns Road Upgrade improves traffic flow and access to the Hume Freeway, enhancing safety and reliability for motorists in Melbourne's north. It includes a new interchange with direct freeway access, additional lanes between key intersections, and a new intersection at Edgars Road. The project also features a widened bridge over the Hume Freeway and new cycling paths to improve connectivity and safety.

Project Design Brief
Designers faced multiple constraints related to existing ground levels, necessitating immediate capture of surface runoff to prevent ponding on the carriageway. Additionally, longitudinal gradients posed challenges, with some sections of the carriageway exhibiting minimal fall.

ACO's Solution
- **TraffikDrain** TD300 with Iron Transverse Grates

Benefits
- The TD300 channels fit within the restricted shoulder width.
- **TraffikDrain** continually captures all the surface water, eliminating width of gutter flow
- **PowerLok** barless and boltless locking mechanism provides easy access for maintenance.
- The TD300 sloped system provides built-in fall along the invert of the channel to ensure efficient run-off toward the outlet points.



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