

ECO-RAIN TANK SYSTEMS OF AMERICA CASE STUDY

ROAD INLET

Hermosa Beach, CA

During storms, the streets of Hermosa Beach used to sheet water to low spots and pool, which created dangerous driving conditions until the water evaporated or made it's way to the storm drain system. A simple, inexpensive solution was to install a row of EcoRain Tanks under an inlet to allow the water to seep into the substrate.



- The City's maintenance department dug a pit in a low spot on Valley Avenue at 2nd Street.
- They placed EcoRain 2" Drainage Cells as a strength mat on the bottom and top of three EcoRain Double Tanks wrapped in Geotextile fabric.
- They backfilled with sand and then placed a pre-fabricated concrete inlet structure on top of the 2" Drainage Cell layer. Further backfill was placed around the inlet, then pavement on top.
- 1" Drainage Cells line the inside of the inlet to transport water from the sides as well as the bottom when water fills the inlet.



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