



LOCATION

Los Angeles, CA

COMPLETION DATE

2017

CATEGORY

Precast Panels with LCC

Project Spotlights: Crenshaw Corridor/ LAX Transit Project



ABOUT THE PROJECT

Due to the increase in vertical pressure from the additional fill load for the embankment supporting the Metro's track row, unreinforced concrete encasement for the Department of Water and Power (DWP) duct banks directly underneath were susceptible to settlement/cracking.



THE SOLUTION

The chosen backfill material was a low-density fill material in between Mechanically Stabilized Earth (MSE) walls. Cellular concrete substantially reduced the fill loads on the duct banks and eliminated the potential for damage/settlement to the existing DWP lines underground.