

# MAJOR RETAIL EXPANSION IN MELBOURNE'S SOUTH EAST LEAVES GREEN FOOTPRINT

SITA-ResourceCo has helped retail giant Westfield deliver Australia's second-largest shopping centre.

Westfield Fountain Gate, in Melbourne's outer south-eastern suburbs, has undergone a \$340 million redevelopment over the past 18 months and now offers 440 stores.

At what was already a very busy retail centre, a construction schedule of 437 working days involved raising a new main structure of more than 58,000 square metres of suspended concrete slabs and 52,000 square metres of new pavements, with parking for 3500 cars.

The new extension covers three levels, each with car parking, and takes the centre's size to more than 174,000 square metres.

SITA-ResourceCo Victorian Manager, Deane Reid, said client Ace Civil Services removed 200,000 cubic metres of soil during excavation, some of which was handled by SITA ResourceCo's Hampton Park Clean Fill disposal facility.

"The soil was removed by 7,000 truck and trailer movements with a peak of 200 loads per day over a three-month period, which is equivalent to excavating 56 Olympic-sized swimming pools," he said.

"To enable this dig to occur, 1,440 soil nails and 2000 square metres of shotcrete concrete wall was placed to retain the resultant 11 metre batter.

"During the construction of the road works, about 25,000 tonnes of imported recycled crushed concrete from SITA-ResourceCo was used to construct the following: heavy-duty concrete pavements for the bus interchange, loading docks and access roads; heavy, medium and light duty asphalt pavements for revamped and new car park areas; and stormwater drainage pipes and pits."

Mr Reid said the recycled crushed concrete was used as the road base for the centre's new car parks.

"The project demanded significant daily volumes, and this was the company's first contract with Ace," he said.

"One of the major factors for Ace was our service and our ability to deliver on time," he said. "The quality of our product was also very important."

The expanded Fountain Gate centre now features about 160 new or reconfigured stores and will create about 800 new jobs. Located in one of Melbourne's growth areas, it also has a revamped bus interchange to provide more convenient access for shoppers.



**The success of our service on the Fountain Gate project has already led to a second supply contract with Ace for its work on the Mornington Centre Stage 2 project, requiring 7,000 tonnes.**

