

Project Profile

West Coast Highway Intersection Upgrade

For improved safety and accessibility at the West Coast Highway's Scarborough Beach and Manning Road intersections

PROJECT DESCRIPTION

The West Coast Highway is a primary distributor road located along Perth's coastline – incorporating the popular Scarborough Beach area.

The huge volumes of traffic were increasing the potential for conflict between pedestrians and cyclists with road traffic and creating a loss of amenity. This called for significant improvements to be made to the road system in the area.

Works commenced with the reconstruction of the West Coast Highway between and including the Scarborough Beach Road and Manning Road intersections.

Following a planned ten week break to accommodate the busiest holiday period, the second and final stage of works to reconstruct Scarborough Beach Road recommenced, and were completed to schedule by May 2010.

Highway Construction's traffic management expertise was a key factor in the award of this project, with the sheer mass of pedestrian traffic traversing the site area heightening safety concerns.

As a result, Highway Construction's extensive track record delivering works of a similar nature ensured the project was delivered safely and to schedule.

WORK COMPONENTS

- Widening and narrowing West Coast Highway and Scarborough Beach roads to improve traffic flow;
- Construction of an additional right-turn lane from Scarborough Beach Road westbound to West Coast Highway northbound;
- Traffic Signal installation;
- Median widening and realignment;
- Removal of existing triangular corner islands;
- Construction of 1.5m on-road cycle lanes with installation of green coloured cyclist "head starts" at the intersection of Scarborough Beach Road and West Coast Highway;
- Verge modifications;
- Reconstruction and realignment of pedestrian pathways and paving;
- Kerbing, signage, linemarking and associated drainage works; and
- Relocation of street lighting posts.

CONTRACT

MIW 9164

CLIENT

Main Roads WA

LOCATION

Perth, WA

TIMEFRAME

Sept 2009 – May 2010

PROJECT VALUE

\$2.5 million



SPECIAL FEATURES AND CHALLENGES

Works had to be delivered to a tight timeframe incorporating a planned 10 week break with no “open” areas of work allowed during the busy holiday season.

Highway Construction’s flexible approach to programming was also successfully deployed with the discovery of multiple previously unrecorded services, installed before records began.

The result was the safe and successful delivery of a set of works, which have ensured continuous safe beach access for vehicles and pedestrians.

