NATIONAL PRECAST
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# Intricate precast panels form a new architectural station in Melbourne's North.

**Project:** Coburg Station
**Location:** Coburg, VIC
**Master Precaster:** Advanced Precast

The recently completed Coburg Station in Melbourne's north features a new station building and public space development under the Victorian Government's Level Crossing Removal Project. The new station building features a complex diamond stamped façade that breathes new life into the site. Project architect Wood Marsh employed precast concrete to realise the textured façade that both adds depth to the landscaped site and exemplifies the changing light conditions throughout the day as the sun angle changes. The many precast concrete panels that comprise the new station building's façade were supplied and installed by National Precast's Master Precaster Advanced Precast.

Precast concrete is highly suited to precision applications such as the station's architectural grade panels that require intricate detailing, or in structural applications that require accurate tolerances. As precast concrete elements are manufactured offsite in factory-controlled environments architects, designers and engineers can achieve tight specification of colour, finish and tolerance. Advanced Precast used a white oxide concrete mix to ensure the station's façade has a bright and welcoming appearance to commuters.

Prefabricated construction methods such as precast concrete greatly reduce the burden of onsite trades and waste, and allow elements to pass thorough a quality control check before their transport to and installation on site. Advanced Precast's implementation of custom form-liner technologies was used to resolve the complex diamond embossed façade panels for the new Coburg station building. According to National Precast CEO Sarah Bachmann, the consistently high-quality precast elements evident in Coburg Station project are indicative of Master Precasters and the high calibre elements they manufacture. Bachmann adds, "Offsite manufacturing easily facilities the use of purpose-built moulds and form liners, which offer architects complete design freedom and an opportunity to achieve the most ambition shapes and finishes, all whilst maintaining tight manufacturing tolerances of panels, parts or voids."



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The clever architectural vision combined with Advanced Precast's technical experience has ensured an outstanding realisation of the station's design intent and greatly increased the time and cost efficiency of the project in comparison to traditional, onsite construction methods.

Precast concrete has rendered the new station building a standout feature amongst the public space and landscape upgrades that compose the site, with the station marking another successful level crossing for Victoria and a greatly improved experience for many generations of commuters to come.

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