

## HBF STADIUM CONCRETE REPAIR & REMEDIATION WORKS

### LOCATION

100 Stephenson Ave  
Claremont, WA

### CLIENT

VenuesWest

### PROJECT MANAGER

Graham Murphy

### DESCRIPTION

HBF Stadium, Mount Claremont, is a 30-year-old premier sporting complex and events venue. In mid-2019, VenuesWest engaged BUSS to complete concrete repair & remediation works to areas of the Southern Entry of the structure. The work scope was completed in the following three stages:

**Stage 1:** suspended slab concourse & stairs to the north western section - delamination survey, intrusive testing, surface preparation & repairs to surface cracks, removal, repair & resealing of control joints, application of a waterproofing system & non-slip contrasting nosing strip to stair treads.

**Stage 2:** suspended slab concourse at north eastern section - delamination survey, intrusive testing, surface preparation & repairs to surface cracks, removal, repair and resealing of control joints, application of a waterproofing system & non-slip contrasting nosing strip to stair treads. Eastern ramped entry slab and stairs, walls & balustrading - treatment to exposed reinforcement of blockwork walls, grout injection & crack repairs to retaining walls & the supply & installation of new powder coated metal balustrade & Colourbond flashing.

**Stage 3:** ramped entry slab, stairs, walls & balustrading to the south western area – delamination survey, intrusive testing, surface preparation & repairs to surface cracks, removal, repair & resealing of control joints, application of waterproofing system & non-slip contrasting nosing strip to stair treads, treatment to reinforcement of blockwork walls, grout injection & crack repairs to retaining walls, supply & install new powder coated metal balustrade and Colourbond flashing.

### POINTS OF INTEREST

- Works program allowed for scheduled events and continuous public access for the duration; and
- Additional works awarded including supply & installation of removable bollards, replacement of garden beds with exposed aggregate concrete, blockwork repairs, removal & replacement of roadside curbing & walkway bitumen.



*Image 1: Stairway - before and after*



*Image 2: Door 1 entrance – before and after*