

## Normansmead Footbridge (A406/07.80)

**Restrictions & IM:** None

**Description:** Normans Mead Footbridge is located over the A406 North Circular Road East of Normans Mead and provide access from Brentfield Road via a park, on the South to Wrights Place on the north side of the A406. The A406 at this location is a dual three-lane carriageway with a speed limit of 40mph. The footbridge was designed and fabricated by I G Engineering Ltd and constructed in 1975. The main deck over the carriways is a 23.57m single span and width of 2.034m. The deck is of twin truss girders with vertical bracing. The metal deck plate is supported on transverse RHS members, which together with the truss vertical bracing to form U-frames. The parapets are attached to the vertical members of the truss girders. The truss girders are simply supported on twin RHS column portal frames. There is a two span steel staircase with an intermediate landing and ramps on both sides. The stairs stringers are of RHS. There is a nine span steel ramp on the northern side and a ten span steel ramp on the southern side. These are all supported by RHS steel columns founded on reinforced concrete pad footings. The minimum clear height from the carriageways to the soffit of the bridge deck is 5.518m W/B and 5.13m E/B. The structure was repainted in 2004.

**Operational Hazards:** No ACMs were found. See H&S file.

**Comments:**

**Map:**



**Photographs:**

