

BLACKHALL JUNCTION - TELFORD ROAD / HILLHOUSE ROAD

Location	Crossing type	Audio	Auto	GM wait	GM phase	Intergreen period	Date	Time	Notes
Telford Rd (N)	Traffic	No	No	93 s	7 s	?	Wednesday 11/9/24	12.00	
Telford Rd (S)	Traffic	No	Yes	33 s	62 s	5 s	Wednesday 11/9/24	12.00	No pedestrian push-button controls
Hillhouse Rd (E - N)	Traffic	No	Yes	79 s	21 s	?	Wednesday 11/9/24	12.00	
Hillhouse Rd (E - S)	Traffic	No	Yes	53 s	42 s	5 s	Wednesday 11/9/24	12.00	
Hillhouse Rd (W - N)	Puffin	No	No	37 s	5 s	13 s	Wednesday 11/9/24	12.00	Traffic at 40 mph
Hillhouse Rd (W - S)	Puffin	No	No	37 s	6 s	17 s	Wednesday 11/9/24	12.00	Traffic at 40 mph

Total traffic cycle 1m 40s = 100 seconds

No audio

No rotating tactile cones

Speed zones:

Hillhouse Road (W) 40mph

Hillhouse Road (E) 30mph

House O'Hill Avenue 20mph

Hillhouse Road A90 - (W) - 1 traffic island (4 lanes N, 2 lanes S), no pedestrian crossing

Nearest crossing is puffin W of Blackhall Junction (nr. Blackhall Library) - distance from main junction 2x 110 paces or 165 metres

House O'Hill Avenue - bellmouth junction with 1 traffic island (pedestrian refuge), no traffic lights - pedestrian crossing W-E has restricted visibility and at risk from vehicles turning L off Hillhouse Road (W) at speed (40 mph zone)

House O'Hill Road / Drylaw Crescent (Blackhall Mosque) - no traffic lights or island - but this junction has recently been improved - the bellmouth has been reduced to a narrower opening - safer for pedestrians because vehicles entering from main road now have to slow down to make the turn. Also new dropped kerbs.

Telford Road A902 - traffic island creates two separate pedestrian crossings (N & S)

Hillhouse Road A90 - (E) - traffic island creates two separate pedestrian crossings (N & S)

Strachan Rd - bellmouth junction with 2 islands - no pedestrian crossing lights

The sequence of four pedestrian crossings are designed for crossing all the way from N side of Telford Road to S side of Hillhouse Rd (E). People crossing just Telford Road or Hillhouse Rd (E) have an extra hazard as they have to negotiate a filter lane with no traffic controls. This is outside Farmer Autocare at the corner of Telford Rd (S) & Hillhouse Rd (E - N) - vehicles from Telford Road turning L into Hillhouse Road (E) have a special filter lane (one-way) with no traffic lights or pedestrian crossing facility

Generous GM 62s at TRS but cancelled out by GW in central island for TRN GM just 7 s

Using the 4 pedestrian crossings from Telford Rd N-side to south side of Hillhouse Rd (E) - distance approx 2x37 paces or 55 metres [1 pace = 30"; 2 paces = 5' = 1½ m]

Crossing with green man took 3 min 40 sec N-S (or 3 min S-N).

Anyone walking slightly slower would miss green man on last leg and have to wait in Hillhouse Rd central traffic island, so their minimum crossing time for a 50-metre wide stretch of road would be over 4½ minutes.

Opinion:

Blackhall Junction is a Black Hole for pedestrians.

There are 2 lanes of vehicles in each direction, partly in a 40 mph zone with many HGV.

Most crossing points have no pedestrian lights, so there are fewer options for safe crossing and pedestrians may have to take a longer, indirect route.

The junction is designed to maximise traffic flow. Pedestrians have no control over the signals as they are automated - pressing the button makes no difference.

There are no rotating tactile cones and no audio on the pedestrian signals.

Excessive wait times for green man lights, sometimes while stranded in traffic island surrounded by busy traffic.

Using pedestrian crossings it takes at least 3 minutes 40 seconds to cross from the north side of Telford Road to the south side of Hillhouse Road, a distance of approx 55 metres.