

# BARTON UPON IRWELL



**Appendix A - Listed Buildings**

# Barton Bridge, Aqueduct & Control Tower

	ECCLES
SJ 79 NE	MANCHESTER SHIP CANAL Barton Bridge, Barton Aqueduct and Control Tower. That part in Eccles.
G.V.	II*

Swing road bridge, swing canal aqueduct and centrally placed control tower. c.1894. Sir Leader Williams engineer. Wrought iron; brick tower. Both the bridge and aqueduct revolve on a central axis to allow the passage of ships. The aqueduct takes the form of a boxed lattice girder with a cranked upper member and the channel, which remains full of water when turning, at the bottom. The road bridge has bow-string lattice girders to either side of the roadway. Fabricated by A. Handyside and Co. Ltd. Tall 2 x 2-bay 4-storey control tower with pyramidal roof and external staircase. The aqueduct was built to replace Brindley's famous aqueduct of c.1760 and is in itself a considerable feat of engineering.

