

# Greater Manchester's Clean Air Plan to Tackle Nitrogen Dioxide Exceedances at the Roadside

## Appendix 10 – CAZ Signage and ANPR Manchester



Salford City Council



Oldham  
Council

TRAFFORD  
COUNCIL

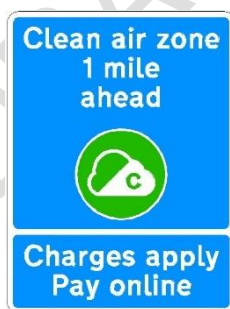


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<b>Date:</b>	25 June 2021		

## 1 CAZ Signage and ANPR

- 1.1 This appendix sets out the proposed locations for all Greater Manchester (GM) Clean Air Zone (CAZ) signage and Automatic Number Plate Recognition (ANPR) Cameras<sup>1</sup> within Manchester Council's administrative area.
- 1.2 Section 177 of the Transport Act 2000 (the **TA 2000**) states that the Secretary of State may, '*direct the charging authority, or any of the charging authorities, in relation to a charging scheme ... to place and maintain traffic signs, or cause traffic signs to be placed and maintained, in connection with the scheme.*'
- 1.3 As set out in the Clean Air Zone Framework, a minimum requirement for setting up a CAZ is to "have in place signs along major access routes to clearly delineate the route"<sup>2</sup>. Clear signing at the point of entry into a charging CAZ, as well as signs in advance of entry, are key to provide drivers with adequate information about potential charges applicable to their vehicle and to provide alternative routes for those who wish to divert around it.
- 1.4 In order for the 10 GM local authorities to operate the CAZ, specified signage is therefore required to be installed inside and outside the CAZ boundary, including within the local authority areas of the eight councils that border the GM local authorities.<sup>3</sup>
- 1.5 A clear and consistent sign is critical for those who may be entering a charging CAZ. To ensure consistency, the design of the symbol and traffic sign was commissioned centrally by the Joint Air Quality Unit (JAQU) who worked closely on the development of the signage strategy with the signs team in the Department for Transport (DfT).<sup>4</sup> The proposed signage consists of the following types of sign depending upon the location of the specific sign. Please note the examples below are representative and for the GM Clean Air Zone all signs will have the Letter C signifying a class C Clean Air Zone.
  - 1.5.1 Advance Warning of a Clean Air Zone:



<sup>1</sup> Automatic Number Plate Recognition (ANPR) cameras are purpose built and mounted on either lamp posts or dedicated poles. They are designed to achieve a specific field of view and are fixed to 'look' at the highway and record the Registration Number of passing vehicles. The cameras are not able to be moved by remote operators.

<sup>2</sup> Available here: [https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment\\_data/file/863730/clean-air-zone-framework-feb2020.pdf](https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/863730/clean-air-zone-framework-feb2020.pdf)

<sup>3</sup> JAQU Guidance, 'Signs And Road Markings For Charging Clean Air Zones'.

<sup>4</sup> Department for Environment Food & Rural Affairs and Department for Transport, 'Clean Air Zone Symbol Guidelines.'

1.5.2 Entrance to a Clean Air Zone:



1.5.3 Camera Head and Reminder of being in a Clean Air Zone



1.5.4 End of a Clean Air Zone:



- 1.5.5 Advance Notification of the Introduction of a Clean Air Zone. This sign will be presented as a cover over the actual sign which will be removed in advance of the proposed go Live of the CAZ on 30<sup>th</sup> May 2022:



- 1.5.6 Clean Air Zone Roundel:



- 1.6 TfGM are undertaking on behalf of the 10 GM local authorities the preparatory procurement and contract arrangements required to deliver the CAZ and other measures. A procurement exercise has been undertaken for entry, exit and advance, repeater and advance direction signage, to cover the manufacture, installation, management and de-commissioning of such signs. TfGM have been working with Local Authority officers to propose the CAZ signage that is required to be sited in each Local Authority.
- 1.7 The following identifies the proposed locations of all CAZ signs and ANPR within Manchester Council.

### CAZ Signage

Sign ID	Location drawing	Sign Structure Ref.	Easting	Northing	Nearest Road
BUR-504-EXT-001	60601741-ACM-BUR-DD-DR-TR-504101	END-75x	384233	404705	Middleton Road
BUR-504-EXT-002	60601741-ACM-BUR-DD-DR-TR-504102	END-75x	384239	404698	Middleton Road

Sign ID	Location drawing	Sign Structure Ref.	Easting	Northing	Nearest Road
MAN-002-ENT-001	60601741-ACM-MAN-DD-DR-TR-002001	RHS-ZBI-100x	380995	383215	Wilmslow Road
MAN-002-EXT-001	60601741-ACM-MAN-DD-DR-TR-002101	END-100x	381017	383221	Wilmslow Road
MAN-003-ENT-001	60601741-ACM-MAN-DD-DR-TR-003001	RHS-ZBI+END-75x	379956	383831	Mill Lane
MAN-003-ENT-002	60601741-ACM-MAN-DD-DR-TR-003002	RHS-ZBI+END-OFFSET-75x	379908	383813	Mill Lane
MAN-003-REP-001	60601741-ACM-MAN-DD-DR-TR-003301	REP-75x	380739	384202	Wilmslow Road
MAN-004-ENT-001	60601741-ACM-MAN-DD-DR-TR-004001	ZBI-LATTIX-LOW-75x	383803	385104	A555
MAN-004-ENT-002	60601741-ACM-MAN-DD-DR-TR-004002	ZBI+END-LATTIX-LOW-75x	383808	385113	A555
MAN-004-EXT-001	60601741-ACM-MAN-DD-DR-TR-004101	END-75x	383818	385132	A555
MAN-004-ADS-001	60601741-ACM-MAN-DD-DR-TR-004701	MAN-004-ADS-001	384037	384904	A555
MAN-004-ADS-002	60601741-ACM-MAN-DD-DR-TR-004702	MAN-004-ADS-002	383874	384923	Styal Road
MAN-005-ENT-001	60601741-ACM-MAN-DD-DR-TR-005001	ZBI-75x	383926	385144	Styal Road
MAN-005-EXT-001	60601741-ACM-MAN-DD-DR-TR-005101	END-OFFSET-RIGHT-75x	383957	385155	Styal Road
MAN-101-REP-004	60601741-ACM-MAN-DD-DR-TR-101304	REP-50x	383541	385238	A555
MAN-101-REP-005	60601741-ACM-MAN-DD-DR-TR-101305	REP-50x	383539	385226	A555
MAN-107-REP-001	60601741-ACM-MAN-DD-DR-TR-107301	REP-50x	381564	394569	Kensington Road
MAN-109-REP-002	60601741-ACM-MAN-DD-DR-TR-109302	REP-50x	383816	394056	Wilbraham Road
MAN-112-REP-001	60601741-ACM-MAN-DD-DR-TR-112301	REP-50x	383328	395524	Alexandra Road
MAN-114-REP-001	60601741-ACM-MAN-DD-DR-TR-114301	REP-50x	383172	396649	Stretford Road
MAN-117-REP-002	60601741-ACM-MAN-DD-DR-TR-117302	REP-50x	384078	397047	Cambridge Street
MAN-121-REP-002	60601741-ACM-MAN-DD-DR-TR-121302	REP-50x	383782	395998	Radnor Street
MAN-125-REP-001	60601741-ACM-MAN-DD-DR-TR-125301	REP-OFFSET-LEFT-50x	384723	394966	Yew Tree Road
MAN-125-REP-002	60601741-ACM-MAN-DD-DR-TR-125302	REP-50x	384725	394890	Yew Tree Road
MAN-148-REP-002	60601741-ACM-MAN-DD-DR-TR-148302	REP-50x	384384	395329	Upper Lloyd Street
MAN-150-REP-002	60601741-ACM-MAN-DD-DR-TR-150302	REP-50x	383700	399341	Great Ducie Street
MAN-157-REP-001	60601741-ACM-MAN-DD-DR-TR-157301	REP-50x	386262	392785	Kingsway

Sign ID	Location drawing	Sign Structure Ref.	Easting	Northing	Nearest Road
MAN-160-REP-002	60601741-ACM-MAN-DD-DR-TR-160302	REP-50x	387193	395016	Stockport Road
MAN-163-REP-003	60601741-ACM-MAN-DD-DR-TR-163303	REP-50x	387446	396419	Hyde Road
MAN-165-REP-002	60601741-ACM-MAN-DD-DR-TR-165302	REP-50x	388169	397407	Ashton Old Road
MAN-165-REP-003	60601741-ACM-MAN-DD-DR-TR-165303	REP-50x	388071	397456	Greenside Street
MAN-165-REP-004	60601741-ACM-MAN-DD-DR-TR-165304	REP-50x	388119	397446	Compass Street
MAN-166-REP-002	60601741-ACM-MAN-DD-DR-TR-166302	REP-50x	386024	397604	Ashton Old Road
MAN-169-REP-002	60601741-ACM-MAN-DD-DR-TR-169302	REP-50x	383171	397380	Chester Road
MAN-169-REP-003	60601741-ACM-MAN-DD-DR-TR-169303	REP-50x	383176	397369	Chester Road
MAN-170-REP-001	60601741-ACM-MAN-DD-DR-TR-170301	REP-50x	383640	397376	Medlock Street
MAN-173-REP-004	60601741-ACM-MAN-DD-DR-TR-173304	REP-50x	384142	399613	Empire Street
MAN-174-REP-001	60601741-ACM-MAN-DD-DR-TR-174301	REP-50x	384138	399524	Cheetham Hill Road
MAN-174-REP-002	60601741-ACM-MAN-DD-DR-TR-174302	REP-50x	384134	399552	Chatley Street
MAN-178-REP-005	60601741-ACM-MAN-DD-DR-TR-178305	REP-50x	385081	398958	Poland Street
MAN-183-REP-002	60601741-ACM-MAN-DD-DR-TR-183302	REP-50x	385556	398251	Pollard Street
MAN-184-REP-001	60601741-ACM-MAN-DD-DR-TR-184301	REP-50x	385708	398129	Every Street
MAN-184-REP-002	60601741-ACM-MAN-DD-DR-TR-184302	REP-50x	385764	398191	Caterham Street
MAN-196-REP-001	60601741-ACM-MAN-DD-DR-TR-196301	REP-50x	383846	400629	Waterloo Road
MAN-197-REP-001	60601741-ACM-MAN-DD-DR-TR-197301	REP-50x	388034	401710	St Mary's Road
MAN-203-REP-001	60601741-ACM-MAN-DD-DR-TR-203301	REP-50x	386954	396296	Kirkmanshulme Lane
MAN-205-REP-002	60601741-ACM-MAN-DD-DR-TR-205302	REP-50x	384761	395692	Moss Lane East
MAN-212-REP-001	60601741-ACM-MAN-DD-DR-TR-212301	REP-50x	385459	394013	Wilbraham Road
MAN-501-ENT-004	60601741-ACM-MAN-DD-DR-TR-501004	ZBI-60x	386339	404053	Rochdale Road
MAN-501-ENT-005	60601741-ACM-MAN-DD-DR-TR-501005	ZBI+END-60x	386317	404049	Rochdale Road
MAN-501-EXT-004	60601741-ACM-MAN-DD-DR-TR-501104	END-75x	386308	404075	M60
MAN-501-REP-004	60601741-ACM-MAN-DD-DR-TR-501304	REP-50x	386467	403893	Victoria Avenue East

Sign ID	Location drawing	Sign Structure Ref.	Easting	Northing	Nearest Road
MAN-502-ENT-001	60601741-ACM-MAN-DD-DR-TR-502001	ZBI-OFFSET-RIGHT-75x	383011	388806	Altrincham Road
MAN-502-ENT-002	60601741-ACM-MAN-DD-DR-TR-502002	ZBI-60x	383002	388816	Altrincham Road
MAN-502-ENT-003	60601741-ACM-MAN-DD-DR-TR-502003	ZBI-60x	382946	388841	Altrincham Road
MAN-502-ENT-004	60601741-ACM-MAN-DD-DR-TR-502004	ZBI-60x	382941	388854	Altrincham Road
MAN-502-ENT-005	60601741-ACM-MAN-DD-DR-TR-502005	ZBI-60x	382983	388939	Sharston Road
MAN-502-ENT-006	60601741-ACM-MAN-DD-DR-TR-502006	ZBI-60x	382997	388945	Sharston Road
MAN-502-EXT-001	60601741-ACM-MAN-DD-DR-TR-502101	END-75x	382989	388792	Altrincham Road
MAN-502-EXT-002	60601741-ACM-MAN-DD-DR-TR-502102	END-75x	382999	388803	Altrincham Road
MAN-502-EXT-003	60601741-ACM-MAN-DD-DR-TR-502103	END-75x	382905	388928	Altrincham Road
MAN-502-EXT-004	60601741-ACM-MAN-DD-DR-TR-502104	END-75x	382902	388919	Altrincham Road
MAN-502-EXT-005	60601741-ACM-MAN-DD-DR-TR-502105	END-75x	383014	388943	Sharston Road
MAN-502-EXT-006	60601741-ACM-MAN-DD-DR-TR-502106	END-75x	383003	388942	Sharston Road
MAN-502-REP-005	60601741-ACM-MAN-DD-DR-TR-502305	REP-50x	383019	389041	Sharston Road
MAN-503-ENT-001	60601741-ACM-MAN-DD-DR-TR-503001	ZBI-60x	382136	389178	Altrincham Road
MAN-503-ENT-002	60601741-ACM-MAN-DD-DR-TR-503002	ZBI-60x	382138	389189	Altrincham Road
MAN-503-ENT-003	60601741-ACM-MAN-DD-DR-TR-503003	ZBI-60x	382292	389200	Altrincham Road
MAN-503-ENT-004	60601741-ACM-MAN-DD-DR-TR-503004	RHS-ZBI+END-75x	382287	389189	Altrincham Road
MAN-503-EXT-001	60601741-ACM-MAN-DD-DR-TR-503101	END-75x	382125	389213	Altrincham Road
MAN-503-EXT-002	60601741-ACM-MAN-DD-DR-TR-503102	END-75x	382129	389203	Altrincham Road
MAN-503-EXT-003	60601741-ACM-MAN-DD-DR-TR-503103	END-75x	382290	389175	Altrincham Road
MAN-504-ENT-001	60601741-ACM-MAN-DD-DR-TR-504001	ZBI-OFFSET-RIGHT-60x	381489	387286	Simonsway
MAN-504-ENT-002	60601741-ACM-MAN-DD-DR-TR-504002	ZBI-60x	381702	387209	Simonsway
MAN-504-EXT-001	60601741-ACM-MAN-DD-DR-TR-504101	END-75x	381451	387316	Simonsway
MAN-504-EXT-002	60601741-ACM-MAN-DD-DR-TR-504102	END-75x	381699	387182	Simonsway
MAN-504-EXT-003	60601741-ACM-MAN-DD-DR-TR-504103	END-LOW-75x	381690	387196	Simonsway

Sign ID	Location drawing	Sign Structure Ref.	Easting	Northing	Nearest Road
MAN-505-ENT-001	60601741-ACM-MAN-DD-DR-TR-505001	RHS-ZBI-75x	381717	385783	M56
MAN-505-ENT-002	60601741-ACM-MAN-DD-DR-TR-505002	RHS-ZBI-75x	381712	385767	M56
MAN-505-ENT-003	60601741-ACM-MAN-DD-DR-TR-505003	RHS-ZBI-75x	381970	385653	M56
MAN-505-ENT-004	60601741-ACM-MAN-DD-DR-TR-505004	RHS-ZBI-75x	381969	385642	M56
MAN-505-ENT-005	60601741-ACM-MAN-DD-DR-TR-505005	RHS-ZBI-75x	381961	385628	M56
MAN-505-ENT-006	60601741-ACM-MAN-DD-DR-TR-505006	RHS-ZBI-75x	381957	385618	M56
MAN-505-EXT-001	60601741-ACM-MAN-DD-DR-TR-505101	END-LOW-75x	381910	385631	M56
MAN-505-EXT-002	60601741-ACM-MAN-DD-DR-TR-505102	END-LOW-75x	381904	385618	M56
MAN-505-EXT-003	60601741-ACM-MAN-DD-DR-TR-505103	END-75x	381694	385707	M56
MAN-505-REP-010	60601741-ACM-MAN-DD-DR-TR-505310	REP-50x	382058	385378	Outwood Lane
MAN-506-ENT-002	60601741-ACM-MAN-DD-DR-TR-506002	RHS-ZBI-75x	380581	385064	Runger Lane
MAN-506-ENT-003	60601741-ACM-MAN-DD-DR-TR-506003	ZBI+END-LATTIX-100x	380730	384790	Wilmslow Road
MAN-506-ENT-004	60601741-ACM-MAN-DD-DR-TR-506004	ZBI-LATTIX-100x	380739	384799	Wilmslow Road
MAN-506-EXT-002	60601741-ACM-MAN-DD-DR-TR-506102	END-75x	380611	385087	Runger Lane
MAN-506-EXT-003	60601741-ACM-MAN-DD-DR-TR-506103	END-100x	380718	384788	Wilmslow Road
MAN-506-ADS-001	60601741-ACM-MAN-DD-DR-TR-506701	MAN-506-ADS-001	380453	385113	Wilmslow Road
MAN-506-ADS-002	60601741-ACM-MAN-DD-DR-TR-506702	MAN-506-ADS-002	380423	385103	Wilmslow Road
MAN-507-ENT-001	60601741-ACM-MAN-DD-DR-TR-507001	ZBI-60x	382228	390029	Wythenshawe Road
MAN-507-ENT-003	60601741-ACM-MAN-DD-DR-TR-507003	ZBI-OFFSET-RIGHT-60x	382395	390031	Palatine Road
MAN-507-EXT-001	60601741-ACM-MAN-DD-DR-TR-507101	END-75x	382224	390049	Wythenshawe Road
MAN-507-EXT-004	60601741-ACM-MAN-DD-DR-TR-507102	END-75x	382398	390014	Palatine Road
MAN-507-REP-002	60601741-ACM-MAN-DD-DR-TR-507302	REP-50x	382512	390009	Palatine Road
MAN-508-ENT-001	60601741-ACM-MAN-DD-DR-TR-508001	RHS-ZBI-OFFSET-75x	382733	391377	Princess Road
MAN-508-ENT-002	60601741-ACM-MAN-DD-DR-TR-508002	RHS-ZBI+END-75x	382749	391376	Princess Road
MAN-508-ENT-003	60601741-ACM-MAN-DD-DR-TR-508003	ZBI-60x	382189	390659	Willenhall Road



Sign ID	Location drawing	Sign Structure Ref.	Easting	Northing	Nearest Road
MAN-508-EXT-001	60601741-ACM-MAN-DD-DR-TR-508101	END-75x	382759	391371	Princess Road
MAN-508-EXT-003	60601741-ACM-MAN-DD-DR-TR-508103	END-75x	382179	390660	Willenhall Road
MAN-509-ENT-001	60601741-ACM-MAN-DD-DR-TR-509001	ZBI-OFFSET-60x	389123	402684	Moston Lane East
MAN-509-ENT-002	60601741-ACM-MAN-DD-DR-TR-509002	ZBI-OFFSET-60x	389039	402769	Moston Lane East
MAN-509-EXT-001	60601741-ACM-MAN-DD-DR-TR-509101	END-OFFSET-75x	389116	402668	Moston Lane East
MAN-509-EXT-002	60601741-ACM-MAN-DD-DR-TR-509102	END-OFFSET-RIGHT-75x	389055	402769	Moston Lane East
MAN-509-REP-001	60601741-ACM-MAN-DD-DR-TR-509301	REP-50x	389179	402660	Scholes Drive
MAN-510-ENT-001	60601741-ACM-MAN-DD-DR-TR-510001	RHS-ZBI-75x	389065	402674	Broadway
MAN-510-EXT-001	60601741-ACM-MAN-DD-DR-TR-510101	END-75x	389034	402662	Broadway
MAN-001-REP-001	No drawing required	REP-LC-50x	383843	384841	Styal Road
MAN-001-REP-002	No drawing required	REP-LC-50x	383876	384929	Styal Road
MAN-003-REP-002	No drawing required	REP-LC-50x	380697	383972	Wilmslow Road
MAN-101-REP-001	No drawing required	REP-LC-50x	379748	389349	Altrincham Road
MAN-101-REP-002	No drawing required	REP-LC-50x	379834	389346	Altrincham Road
MAN-101-REP-003	No drawing required	REP-LC-50x	379800	389384	Sandilands Road
MAN-102-REP-001	No drawing required	REP-LC-50x	381528	388334	Hollyhedge Road
MAN-102-REP-002	No drawing required	REP-LC-50x	381334	388421	Hollyhedge Road
MAN-103-REP-001	No drawing required	REP-LC-50x	381842	390363	Sale Road
MAN-103-REP-002	No drawing required	REP-LC-50x	381728	390477	Sale Road
MAN-103-REP-003	No drawing required	REP-LC-50x	381837	390302	Rackhouse Road
MAN-103-REP-004	No drawing required	REP-LC-50x	381856	390383	Rackhouse Road
MAN-104-REP-001	No drawing required	REP-LC-50x	380757	394106	Edge Lane
MAN-104-REP-003	No drawing required	REP-LC-50x	380833	394173	Ryebank Road
MAN-105-REP-001	No drawing required	REP-LC-50x	382014	393033	Barlow Moor Road
MAN-105-REP-002	No drawing required	REP-LC-50x	382048	392985	Barlow Moor Road
MAN-106-REP-001	No drawing required	REP-LC-50x	382987	392720	Nell Lane
MAN-106-REP-002	No drawing required	REP-LC-50x	382897	392786	Nell Lane
MAN-107-REP-002	No drawing required	REP-LC-50x	381641	394523	Kensington Road
MAN-108-REP-001	No drawing required	REP-LC-50x	382987	393931	Withington Road
MAN-108-REP-002	No drawing required	REP-LC-50x	383019	394023	Withington Road
MAN-109-REP-001	No drawing required	REP-LC-50x	383732	394074	Wilbraham Road
MAN-110-REP-002	No drawing required	REP-LC-50x	382878	395734	Upper Chorlton Road
MAN-111-REP-001	No drawing required	REP-LC-50x	382933	395450	Withington Road
MAN-111-REP-002	No drawing required	REP-LC-50x	382941	395562	Withington Road
MAN-112-REP-002	No drawing required	REP-LC-50x	383346	395578	Alexandra Road
MAN-113-REP-001	No drawing required	REP-LC-50x	383445	395374	Claremont Road

Sign ID	Location drawing	Sign Structure Ref.	Easting	Northing	Nearest Road
MAN-113-REP-002	No drawing required	REP-LC-50x	383564	395263	Claremont Road
MAN-113-REP-003	No drawing required	REP-LC-50x	383524	395398	Brentwood Street
MAN-113-REP-004	No drawing required	REP-LC-50x	383545	395333	Radley Street
MAN-114-REP-002	No drawing required	REP-LC-50x	383261	396663	Stretford Road
MAN-115-REP-001	No drawing required	REP-LC-50x	382949	397027	Chorlton Road
MAN-115-REP-002	No drawing required	REP-LC-50x	382975	397111	Chorlton Road
MAN-116-REP-001	No drawing required	REP-LC-50x	382531	397064	Chester Road
MAN-116-REP-002	No drawing required	REP-LC-50x	382625	397152	Hulme Hall Road
MAN-116-REP-003	No drawing required	REP-LC-50x	382751	397158	Chester Road
MAN-117-REP-001	No drawing required	REP-LC-50x	384121	396937	Higher Cambridge Street
MAN-117-REP-003	No drawing required	REP-LC-50x	384076	396937	Cavendish Street
MAN-118-REP-001	No drawing required	REP-LC-50x	384638	397042	Upper Brook Street
MAN-118-REP-002	No drawing required	REP-LC-50x	384612	397111	Upper Brook Street
MAN-119-REP-001	No drawing required	REP-LC-50x	384755	396347	Oxford Road
MAN-119-REP-002	No drawing required	REP-LC-50x	384719	396426	Oxford Road
MAN-120-REP-001	No drawing required	REP-LC-50x	384473	396311	Lloyd Street North
MAN-120-REP-002	No drawing required	REP-LC-50x	384449	396034	Lloyd Street North
MAN-121-REP-001	No drawing required	REP-LC-50x	383816	395926	Princess Road
MAN-121-REP-003	No drawing required	REP-LC-50x	383844	396087	Princess Road
MAN-122-REP-001	No drawing required	REP-LC-50x	385270	396167	Upper Brook Street
MAN-122-REP-002	No drawing required	REP-LC-50x	385302	396098	Upper Brook Street
MAN-123-REP-001	No drawing required	REP-LC-50x	385821	396179	Plymouth Grove
MAN-123-REP-002	No drawing required	REP-LC-50x	385880	396138	Plymouth Grove
MAN-124-REP-001	No drawing required	REP-LC-50x	384677	395134	Claremont Road
MAN-124-REP-002	No drawing required	REP-LC-50x	384780	395121	Claremont Road
MAN-126-REP-001	No drawing required	REP-LC-50x	386068	395264	Dickenson Road
MAN-126-REP-002	No drawing required	REP-LC-50x	386247	395317	Dickenson Road
MAN-127-REP-001	No drawing required	REP-LC-50x	385427	394838	Wilmslow Road
MAN-127-REP-002	No drawing required	REP-LC-50x	385463	394703	Wilmslow Road
MAN-127-REP-003	No drawing required	REP-LC-50x	385485	394822	Norman Road
MAN-127-REP-004	No drawing required	REP-LC-50x	385492	394741	Brighton Grove
MAN-128-REP-001	No drawing required	REP-LC-50x	386380	394451	Birchfields Road
MAN-128-REP-002	No drawing required	REP-LC-50x	386377	394385	Birchfields Road
MAN-129-REP-001	No drawing required	REP-LC-50x	384831	394118	Restricted Local Access Road
MAN-129-REP-002	No drawing required	REP-LC-50x	384985	394079	Wilbraham Road
MAN-130-REP-002	No drawing required	REP-LC-50x	386177	393929	Moseley Road
MAN-131-REP-001	No drawing required	REP-LC-50x	384706	393780	Yew Tree Road
MAN-131-REP-002	No drawing required	REP-LC-50x	384704	393908	Yew Tree Road
MAN-132-REP-001	No drawing required	REP-LC-50x	383856	394139	Princess Road
MAN-132-REP-002	No drawing required	REP-LC-50x	383881	394282	Princess Road

Sign ID	Location drawing	Sign Structure Ref.	Easting	Northing	Nearest Road
MAN-135-REP-001	No drawing required	REP-LC-50x	384806	392814	Palatine Road
MAN-135-REP-002	No drawing required	REP-LC-50x	384709	392677	Palatine Road
MAN-135-REP-003	No drawing required	REP-LC-50x	384789	392718	Tatton Grove
MAN-136-REP-001	No drawing required	REP-LC-50x	385794	392716	Parrs Wood Road
MAN-136-REP-002	No drawing required	REP-LC-50x	385766	392660	Parrs Wood Road
MAN-136-REP-003	No drawing required	REP-LC-50x	385874	392605	Briarfield Road
MAN-137-REP-001	No drawing required	REP-LC-50x	384905	392288	Wilmslow Road
MAN-137-REP-002	No drawing required	REP-LC-50x	384815	392108	The Circuit
MAN-137-REP-003	No drawing required	REP-LC-50x	384854	392115	Old Broadway
MAN-138-REP-001	No drawing required	REP-LC-50x	383866	393806	Princess Road
MAN-139-REP-001	No drawing required	REP-LC-50x	385529	391534	Parrs Wood Road
MAN-139-REP-002	No drawing required	REP-LC-50x	385565	391643	Parrs Wood Road
MAN-140-REP-001	No drawing required	REP-LC-50x	384434	391378	Barlow Moor Road
MAN-140-REP-002	No drawing required	REP-LC-50x	384462	391332	Victoria Avenue
MAN-140-REP-003	No drawing required	REP-LC-50x	384498	391343	Barlow Moor Road
MAN-141-REP-002	No drawing required	REP-LC-50x	385233	391099	School Lane
MAN-141-REP-003	No drawing required	REP-LC-50x	385415	391027	School Lane
MAN-142-REP-001	No drawing required	REP-LC-50x	384676	390909	Wilmslow Road
MAN-142-REP-002	No drawing required	REP-LC-50x	384740	390638	Wilmslow Road
MAN-142-REP-003	No drawing required	REP-LC-50x	384639	390856	Ford Lane
MAN-142-REP-004	No drawing required	REP-LC-50x	384619	390863	Dene Road
MAN-142-REP-005	No drawing required	REP-LC-50x	384763	390725	Sandhurst Road
MAN-143-REP-001	No drawing required	REP-LC-50x	383195	390609	Palatine Road
MAN-143-REP-002	No drawing required	REP-LC-50x	383621	390940	Palatine Road
MAN-144-REP-001	No drawing required	REP-LC-50x	382399	387970	Broadoak Road
MAN-144-REP-002	No drawing required	REP-LC-50x	382366	387894	Broadoak Road
MAN-144-REP-003	No drawing required	REP-LC-50x	382399	387917	Panfield Road
MAN-145-REP-001	No drawing required	REP-LC-50x	383264	387380	Crossacres Road
MAN-145-REP-002	No drawing required	REP-LC-50x	383408	387420	Crossacres Road
MAN-148-REP-001	No drawing required	REP-LC-50x	384431	395431	Upper Lloyd Street
MAN-149-REP-001	No drawing required	REP-LC-50x	383733	400626	Elizabeth Street
MAN-149-REP-002	No drawing required	REP-LC-50x	383680	400635	Barrow Hill Road
MAN-149-REP-003	No drawing required	REP-LC-50x	383634	400664	Allesley Drive
MAN-149-REP-005	No drawing required	REP-LC-50x	383611	400730	Marlborough Road
MAN-150-REP-001	No drawing required	REP-LC-50x	383720	399250	Great Ducie Street
MAN-151-REP-001	No drawing required	REP-LC-50x	385056	402809	Delaunays Road
MAN-151-REP-002	No drawing required	REP-LC-50x	384928	402683	Delaunays Road
MAN-151-REP-003	No drawing required	REP-LC-50x	385076	402808	Crumpsall Vale
MAN-152-REP-001	No drawing required	REP-LC-50x	385664	390518	Parrs Wood Lane
MAN-152-REP-002	No drawing required	REP-LC-50x	385798	390537	Parrs Wood Lane
MAN-154-REP-001	No drawing required	REP-LC-50x	384342	401055	Cheetham Hill Road

Sign ID	Location drawing	Sign Structure Ref.	Easting	Northing	Nearest Road
MAN-154-REP-002	No drawing required	REP-LC-50x	384416	400959	Cheetham Hill Road
MAN-155-REP-001	No drawing required	REP-LC-50x	387085	392771	Errwood Road
MAN-155-REP-002	No drawing required	REP-LC-50x	387119	392881	Errwood Road
MAN-155-REP-003	No drawing required	REP-LC-50x	387107	392870	Errwood Road
MAN-157-REP-002	No drawing required	REP-LC-50x	386278	392792	Kingsway
MAN-158-REP-001	No drawing required	REP-LC-50x	386698	394021	Moseley Road
MAN-158-REP-002	No drawing required	REP-LC-50x	386847	394058	Moseley Road
MAN-159-REP-001	No drawing required	REP-LC-50x	386952	394422	Slade Lane
MAN-159-REP-002	No drawing required	REP-LC-50x	386982	394527	Slade Lane
MAN-160-REP-001	No drawing required	REP-LC-50x	387133	395165	Stockport Road
MAN-161-REP-001	No drawing required	REP-LC-50x	386039	396346	Stockport Road
MAN-161-REP-002	No drawing required	REP-LC-50x	385845	396553	Stockport Road
MAN-161-REP-003	No drawing required	REP-LC-50x	385933	396427	Winterford Avenue
MAN-162-REP-001	No drawing required	REP-LC-50x	385897	396895	Hyde Road
MAN-162-REP-002	No drawing required	REP-LC-50x	385988	396849	Hyde Road
MAN-163-REP-001	No drawing required	REP-LC-50x	387478	396390	Hyde Road
MAN-163-REP-002	No drawing required	REP-LC-50x	387442	396354	Scarcroft Road
MAN-164-REP-001	No drawing required	REP-LC-50x	387128	396730	Pottery Lane
MAN-165-REP-001	No drawing required	REP-LC-50x	388001	397441	Ashton Old Road
MAN-166-REP-001	No drawing required	REP-LC-50x	385953	397627	Ashton Old Road
MAN-167-REP-001	No drawing required	REP-LC-50x	385784	397100	Devonshire Street North
MAN-167-REP-002	No drawing required	REP-LC-50x	385771	397003	Devonshire Street North
MAN-168-REP-001	No drawing required	REP-LC-50x	385125	397234	Ardwick Green South
MAN-168-REP-002	No drawing required	REP-LC-50x	385282	397091	Ardwick Green South
MAN-169-REP-001	No drawing required	REP-LC-50x	383095	397343	Chester Road
MAN-170-REP-002	No drawing required	REP-LC-50x	383664	397242	Medlock Street
MAN-171-REP-001	No drawing required	REP-LC-50x	384249	397254	Oxford Road
MAN-171-REP-002	No drawing required	REP-LC-50x	384222	397353	Oxford Road
MAN-172-REP-001	No drawing required	REP-LC-50x	384548	397491	Sackville Street
MAN-173-REP-001	No drawing required	REP-LC-50x	384203	399668	Cheetham Hill Road
MAN-173-REP-002	No drawing required	REP-LC-50x	384213	399657	Knowsley Street
MAN-173-REP-003	No drawing required	REP-LC-50x	384174	399659	Knowsley Street
MAN-174-REP-003	No drawing required	REP-LC-50x	384177	399562	St Chad's Street
MAN-175-REP-001	No drawing required	REP-LC-50x	384210	400271	Elizabeth Street
MAN-175-REP-002	No drawing required	REP-LC-50x	384278	400187	Elizabeth Street
MAN-176-REP-001	No drawing required	REP-LC-50x	384211	399243	Red Bank
MAN-176-REP-002	No drawing required	REP-LC-50x	384283	399373	Red Bank
MAN-177-REP-001	No drawing required	REP-LC-50x	384900	399271	Rochdale Road
MAN-177-REP-002	No drawing required	REP-LC-50x	384742	399116	Rochdale Road
MAN-178-REP-001	No drawing required	REP-LC-50x	385125	398995	Oldham Road

Sign ID	Location drawing	Sign Structure Ref.	Easting	Northing	Nearest Road
MAN-178-REP-002	No drawing required	REP-LC-50x	384867	398867	Oldham Road
MAN-178-REP-003	No drawing required	REP-LC-50x	384946	398878	Bengal Street
MAN-178-REP-004	No drawing required	REP-LC-50x	384999	398909	Radium Street
MAN-180-REP-001	No drawing required	REP-LC-50x	384988	399909	Collyhurst Road
MAN-180-REP-002	No drawing required	REP-LC-50x	384914	399753	Collyhurst Road
MAN-181-REP-001	No drawing required	REP-LC-50x	385630	400796	Rochdale Road
MAN-181-REP-002	No drawing required	REP-LC-50x	385667	400830	Rochdale Road
MAN-182-REP-001	No drawing required	REP-LC-50x	385263	398312	Old Mill Street
MAN-182-REP-003	No drawing required	REP-LC-50x	385503	398477	Old Mill Street
MAN-182-REP-004	No drawing required	REP-LC-50x	385461	398516	Weybridge Road
MAN-183-REP-001	No drawing required	REP-LC-50x	385490	398219	Pollard Street
MAN-184-REP-003	No drawing required	REP-LC-50x	385769	398128	Tutbury Street
MAN-185-REP-001	No drawing required	REP-LC-50x	385800	397994	Palmerston Street
MAN-185-REP-002	No drawing required	REP-LC-50x	385893	398066	Palmerston Street
MAN-186-REP-001	No drawing required	REP-LC-50x	386124	398476	Ashton New Road
MAN-186-REP-002	No drawing required	REP-LC-50x	386183	398443	Ashton New Road
MAN-187-REP-001	No drawing required	REP-LC-50x	386234	399036	Bradford Road
MAN-187-REP-002	No drawing required	REP-LC-50x	386399	399137	Bradford Road
MAN-187-REP-003	No drawing required	REP-LC-50x	386334	399199	Saxon Street
MAN-188-REP-001	No drawing required	REP-LC-50x	387259	399670	Briscoe Lane
MAN-188-REP-002	No drawing required	REP-LC-50x	387428	399776	Briscoe Lane
MAN-189-REP-001	No drawing required	REP-LC-50x	386301	400025	Oldham Road
MAN-189-REP-002	No drawing required	REP-LC-50x	386448	400085	Cheetham Street
MAN-190-REP-001	No drawing required	REP-LC-50x	385329	399166	Oldham Road
MAN-191-REP-001	No drawing required	REP-LC-50x	387572	402943	Charlestown Road
MAN-191-REP-002	No drawing required	REP-LC-50x	387789	402903	Charlestown Road
MAN-192-REP-001	No drawing required	REP-LC-50x	387669	402337	Moston Lane
MAN-192-REP-002	No drawing required	REP-LC-50x	387765	402374	Moston Lane
MAN-192-REP-003	No drawing required	REP-LC-50x	387672	402354	Enville Road
MAN-193-REP-001	No drawing required	REP-LC-50x	388041	402249	Lightbowne Road
MAN-193-REP-002	No drawing required	REP-LC-50x	388097	402343	Lightbowne Road
MAN-194-REP-001	No drawing required	REP-LC-50x	387225	401068	Lightbowne Road
MAN-194-REP-002	No drawing required	REP-LC-50x	387322	401238	Lightbowne Road
MAN-194-REP-003	No drawing required	REP-LC-50x	387296	401160	Hugo Street
MAN-195-REP-001	No drawing required	REP-LC-50x	388638	400291	Averill Street
MAN-195-REP-002	No drawing required	REP-LC-50x	388678	400357	Averill Street
MAN-196-REP-002	No drawing required	REP-LC-50x	383892	400765	Waterloo Road
MAN-197-REP-002	No drawing required	REP-LC-50x	388069	401810	St Mary's Road
MAN-199-REP-001	No drawing required	REP-LC-50x	389054	395908	Hyde Road
MAN-199-REP-002	No drawing required	REP-LC-50x	389117	395878	Hyde Road
MAN-199-REP-003	No drawing required	REP-LC-50x	389020	395872	Far Lane

Sign ID	Location drawing	Sign Structure Ref.	Easting	Northing	Nearest Road
MAN-199-REP-004	No drawing required	REP-LC-50x	389104	395867	Gratrix Street
MAN-200-REP-001	No drawing required	REP-LC-50x	387843	398130	Clayton Lane
MAN-200-REP-002	No drawing required	REP-LC-50x	387763	398025	Clayton Lane
MAN-200-REP-003	No drawing required	REP-LC-50x	387814	398021	Greenside Street
MAN-201-REP-001	No drawing required	REP-LC-50x	387251	398074	Alan Turing Way
MAN-202-REP-001	No drawing required	REP-LC-50x	387239	397959	Alan Turing Way
MAN-204-REP-001	No drawing required	REP-LC-50x	386909	396566	Hyde Road
MAN-204-REP-002	No drawing required	REP-LC-50x	386843	396609	Donnison Street
MAN-205-REP-001	No drawing required	REP-LC-50x	384870	395680	Moss Lane East
MAN-206-REP-001	No drawing required	REP-LC-50x	384677	399013	Thompson Street
MAN-206-REP-002	No drawing required	REP-LC-50x	384811	398874	Thompson Street
MAN-206-REP-003	No drawing required	REP-LC-50x	384667	398978	Mason Street
MAN-206-REP-004	No drawing required	REP-LC-50x	384713	398942	Cross Keys Street
MAN-207-REP-001	No drawing required	REP-LC-50x	385054	397733	Fairfield Street
MAN-207-REP-002	No drawing required	REP-LC-50x	385199	397697	Fairfield Street
MAN-207-REP-003	No drawing required	REP-LC-50x	385172	397694	Temperance Street
MAN-208-REP-001	No drawing required	REP-LC-50x	384602	398863	Addington Street
MAN-209-REP-001	No drawing required	REP-LC-50x	383923	397314	Cambridge Street
MAN-209-REP-002	No drawing required	REP-LC-50x	383860	397443	Gloucester Street
MAN-210-REP-001	No drawing required	REP-LC-50x	384826	397319	Grosvenor Street
MAN-210-REP-002	No drawing required	REP-LC-50x	384686	397267	Litcham Close
MAN-210-REP-003	No drawing required	REP-LC-50x	384703	397238	Stockland Close
MAN-211-REP-001	No drawing required	REP-LC-50x	383838	397586	Great Bridgewater Street
MAN-211-REP-002	No drawing required	REP-LC-50x	383761	397607	Great Bridgewater Street
MAN-212-REP-002	No drawing required	REP-LC-50x	385395	394034	Wilbraham Road
MAN-213-REP-001	No drawing required	REP-LC-50x	383433	387943	Hollyhedge Road
MAN-213-REP-002	No drawing required	REP-LC-50x	383572	387913	Hollyhedge Road
MAN-213-REP-003	No drawing required	REP-LC-50x	383456	387986	Covert Road
MAN-214-REP-001	No drawing required	REP-LC-50x	382964	386912	Brownley Road
MAN-214-REP-002	No drawing required	REP-LC-50x	382996	386996	Brownley Road
MAN-214-REP-003	No drawing required	REP-LC-50x	383068	386931	Rosslare Road
MAN-215-REP-001	No drawing required	REP-LC-50x	387823	398540	Ashton New Road
MAN-215-REP-002	No drawing required	REP-LC-50x	387902	398504	Ashton New Road
MAN-216-REP-001	No drawing required	REP-LC-50x	383707	398241	John Dalton Street
MAN-216-REP-002	No drawing required	REP-LC-50x	383800	398191	John Dalton Street
MAN-501-REP-003	No drawing required	REP-LC-50x	386191	404053	Victoria Avenue
MAN-501-REP-005	No drawing required	REP-LC-50x	386212	403848	Rochdale Road
MAN-502-REP-001	No drawing required	REP-LC-50x	382989	388662	Altrincham Road
MAN-502-REP-002	No drawing required	REP-LC-50x	382961	388711	Altrincham Road
MAN-502-REP-003	No drawing required	REP-LC-50x	383071	388680	Freshpool Way



Sign ID	Location drawing	Sign Structure Ref.	Easting	Northing	Nearest Road
MAN-502-REP-004	No drawing required	REP-LC-50x	383139	388975	Leestone Road
MAN-503-REP-001	No drawing required	REP-LC-50x	381876	389337	Altrincham Road
MAN-503-REP-002	No drawing required	REP-LC-50x	382333	389258	Netherwood Road
MAN-503-REP-003	No drawing required	REP-LC-50x	382489	389117	Altrincham Road
MAN-503-REP-004	No drawing required	REP-LC-50x	381919	389291	Spinney Road
MAN-504-REP-001	No drawing required	REP-LC-50x	381398	387323	Simonsway
MAN-504-REP-002	No drawing required	REP-LC-50x	381802	387162	Simonsway
MAN-504-REP-003	No drawing required	REP-LC-50x	381402	387244	Greenbrow Road
MAN-505-REP-001	No drawing required	REP-LC-50x	381801	385885	Minor Road
MAN-505-REP-002	No drawing required	REP-LC-50x	381749	385800	Minor Road
MAN-505-REP-009	No drawing required	REP-LC-50x	382045	385377	Outwood Lane
MAN-506-REP-001	No drawing required	REP-LC-50x	385185	389564	Kingsway
MAN-506-REP-002	No drawing required	REP-LC-50x	380660	385165	Runger Lane
MAN-506-REP-003	No drawing required	REP-LC-50x	380765	384665	Wilmslow Road
MAN-507-REP-001	No drawing required	REP-LC-50x	381960	390068	Wythenshawe Road
MAN-507-REP-003	No drawing required	REP-LC-50x	382158	390040	Wythenshawe Road
MAN-507-REP-004	No drawing required	REP-LC-50x	382657	389990	Palatine Road
MAN-509-REP-002	No drawing required	REP-LC-50x	388722	403074	Bradshaw Fold Avenue
MAN-509-REP-003	No drawing required	REP-LC-50x	389162	402608	Moston Lane East
MAN-509-REP-005	No drawing required	REP-LC-50x	388947	402891	Moston Lane East
MAN-510-REP-003	No drawing required	REP-LC-50x	389022	402639	Broadway

## Automatic Number Plate Recognition (ANPR) Cameras

1.8 In order to enforce the boundary, Automatic Number Plate Recognition (ANPR) Cameras are required. TfGM have been working with Local Authority officers to propose the ANPR cameras that need to be sited in each GM authority administrative area. It is proposed to locate ANPR cameras at the following locations:

Site reference	Road name	Latitude	Longitude	Lighting column reference	Proposed infrastructure
MAN-001-CAM-001	B5166 Styal Road	53.36329	-2.2427793	45	Existing LC
MAN-001-CAM-002	B5166 Styal Road	53.364028	-2.242061	40	Existing LC
MAN-003-CAM-001	A538 Wilmslow Road	53.353365	-2.2913235	58	Existing LC
MAN-101-CAM-001	A560 Altrincham Road	53.400682	-2.3053785	237	Existing LC
MAN-101-CAM-002	A555 Manchester Airport Relief Road	53.363691	-2.2484919	No ID	Existing LC
MAN-101-CAM-003	A555 Manchester Airport Relief Road	53.363475	-2.2486109	No ID	Existing LC
MAN-102-CAM-001	Hollyhedge Road	53.391676	-2.2797362	M26	Existing LC

Site reference	Road name	Latitude	Longitude	Lighting column reference	Proposed infrastructure
MAN-103-CAM-001	B5166 Sale Road	53.410533	-2.2760992	20	Replacement structure
MAN-104-CAM-001	A5145 Edge Lane	53.44412	-2.2924866	26	Existing LC
MAN-105-CAM-001	A5145 Barlow Moor Road	53.433589	-2.271959	110	Replacement structure
MAN-106-CAM-001	Nell Lane	53.431301	-2.2581126	35	Replacement structure
MAN-107-CAM-001	Kensington Road	53.447318	-2.278506	3	Existing LC
MAN-108-CAM-001	Withington Road	53.442205	-2.2574712	62	Replacement structure
MAN-109-CAM-001	A6010 Wilbraham Road	53.443201	-2.2458849	63	Existing LC
MAN-110-CAM-001	B5218 Upper Chorlton Road	53.457777	-2.2598697	4	Replacement structure
MAN-111-CAM-001	Withington Road	53.455911	-2.2584728	11	Existing LC
MAN-112-CAM-001	Alexandra Road	53.456409	-2.2523014	12	Existing LC
MAN-113-CAM-001	Claremount Road	53.454401	-2.2498047	7	Existing LC
MAN-114-CAM-001	Stretford Road	53.466354	-2.2546952	36	Replacement structure
MAN-115-CAM-001	A5067 Chorlton Road	53.470221	-2.2580175	7	Replacement structure
MAN-115-CAM-002	A5067 Chorlton Road	53.470221	-2.2582887	8	Replacement structure
MAN-116-CAM-001	A56 Chester Road	53.470444	-2.2631559	7	Replacement structure
MAN-117-CAM-001	A5067 Cambridge Street	53.46969	-2.2413531	12	Replacement structure
MAN-118-CAM-001	A34 Upper Brook Street	53.470147	-2.2332057	7	Replacement structure
MAN-118-CAM-002	A34 Upper Brook Street	53.470004	-2.2326626	10	Existing LC
MAN-119-CAM-001	Oxford Road	53.463921	-2.2314093	68	Existing LC
MAN-120-CAM-001	Lloyd Street North	53.462808	-2.2353796	6	Existing LC
MAN-121-CAM-001	A5103 Princess Road	53.460334	-2.2451857	110	Replacement structure
MAN-121-CAM-002	A5103 Princess Road	53.460578	-2.2447805	116	Replacement structure
MAN-122-CAM-001	A34 Upper Brook Street	53.461762	-2.2229931	63	Replacement structure
MAN-123-CAM-001	A5184 Plymouth Grove	53.462038	-2.214545	30	Existing LC
MAN-124-CAM-001	Claremont Road	53.452649	-2.231619	46	Existing LC
MAN-125-CAM-001	Yew Tree Road	53.451184	-2.2316562	5	Existing LC
MAN-126-CAM-001	A6010 Dickenson Road	53.454146	-2.2098218	27	Replacement structure
MAN-127-CAM-001	A6010 Wilmslow Road	53.449389	-2.2206245	87	Replacement structure
MAN-128-CAM-001	A34 Birchields Road	53.446331	-2.2066666	30	Replacement structure
MAN-129-CAM-001	A6010 Wilbraham Road	53.443396	-2.2289339	24	Existing LC
MAN-130-CAM-001	B5093 Moseley Road	53.441965	-2.2104994	20	Existing LC
MAN-131-CAM-001	Yew Tree Road	53.441396	-2.2316028	39	Replacement structure
MAN-132-CAM-001	A50103 Princess Road	53.444021	-2.2445045	217	Existing LC
MAN-132-CAM-002	A50103 Princess Road	53.444714	-2.2441321	214	Existing LC
MAN-135-CAM-001	B5167 Palatine Road	53.43142	-2.2306154	9	Replacement structure
MAN-136-CAM-001	Parrs Wood Road	53.430801	-2.2153958	16	Existing LC
MAN-137-CAM-001	B5093 Wilmslow Road	53.425876	-2.2297276	235	Existing LC
MAN-138-CAM-001	A5103 Princess Road	53.427293	-2.2533779	323	Existing LC
MAN-139-CAM-001	Parrs Wood Road	53.420683	-2.2191064	59	Existing LC
MAN-140-CAM-001	A5145 Barlow Moor Road	53.4188	-2.2351964	8	Existing LC



Site reference	Road name	Latitude	Longitude	Lighting column reference	Proposed infrastructure
MAN-141-CAM-001	School Lane	53.416226	-2.2228298	21	Existing LC
MAN-142-CAM-001	A5145 Wilmslow Road	53.413568	-2.2311807	295	Existing LC
MAN-143-CAM-001	B5167 Palatine Road	53.412274	-2.2532283	102	Existing LC
MAN-144-CAM-001	Boardoak Road	53.387949	-2.2662399	19	Existing LC
MAN-145-CAM-001	Crossacres Road	53.383134	-2.252499	25	Existing LC
MAN-148-CAM-001	Upper Lloyd Street	53.454797	-2.2364345	11	Existing LC
MAN-149-CAM-001	A6010 Marlborough Road	53.50253	-2.2477511	29	Existing LC
MAN-150-CAM-001	A56 Great Ducie street	53.490208	-2.2471517	27	Replacement structure
MAN-151-CAM-001	Delaunays Road	53.521274	-2.2278156	23	Existing LC
MAN-151-CAM-002	B5166 Longley Lane	53.396018	-2.2467855	52	Replacement structure
MAN-152-CAM-001	A5145 Parrs Wood Lane	53.411402	-2.2163357	N/A	New structure
MAN-153-CAM-001	A34 Kingsway	53.419442	-2.2141647	127	Existing LC
MAN-154-CAM-001	A665 Cheetham Hill Road	53.505581	-2.2368832	90	Replacement structure
MAN-155-CAM-001	Errwood Road	53.432049	-2.1955197	36	Replacement structure
MAN-156-CAM-001	A34 Kingsway	53.43102	-2.2085639	78	Existing LC
MAN-158-CAM-001	B5093 Moseley Road	53.442934	-2.201125	41	Replacement structure
MAN-159-CAM-001	A5079 Slade Lane	53.446885	-2.1978012	35	Existing LC
MAN-160-CAM-001	A6 Stockport Road	53.452768	-2.1951933	125	Replacement structure
MAN-161-CAM-001	A6 Stockport Road	53.464118	-2.2126124	39	Replacement structure
MAN-162-CAM-001	A57 Hyde Road	53.468405	-2.2128899	32	Replacement structure
MAN-163-CAM-001	A57 Hyde Road	53.464308	-2.1903058	108	Replacement structure
MAN-164-CAM-001	A6010 Pottery Lane	53.467518	-2.1952008	49	Replacement structure
MAN-165-CAM-001	A635 Ashton Old Road	53.473491	-2.1809911	112	Replacement structure
MAN-166-CAM-001	A635 Ashton Old Road	53.475156	-2.2125471	14	Replacement structure
MAN-167-CAM-001	A665 Devonshire Street North	53.469865	-2.2158047	10	Existing LC
MAN-168-CAM-001	A6 Ardwick Green South	53.471188	-2.2243683	11	Replacement structure
MAN-168-CAM-002	A6 Ardwick Green South	53.470802	-2.2239746	12	Replacement structure
MAN-169-CAM-001	A56 Chester Road	53.472831	-2.255236	02A	Existing LC
MAN-169-CAM-002	A56 Chester Road	53.472714	-2.25565	03A	Existing LC
MAN-170-CAM-001	A5103 Medlock Street	53.472148	-2.2479053	6	Replacement structure
MAN-170-CAM-002	A5103 Medlock Street	53.472436	-2.247666	N/A	New structure
MAN-171-CAM-001	A34 Oxford Road	53.472247	-2.239168	11	Existing LC
MAN-172-CAM-001	Sackville Street	53.474261	-2.2344938	5	Existing LC
MAN-173-CAM-001	A665 Cheetham Hill Road	53.493153	-2.2397681	25	Existing LC
MAN-174-CAM-001	A665 Cheetham Hill Road	53.492397	-2.240427	22	Existing LC
MAN-175-CAM-001	Elizabeth street	53.498611	-2.2389397	6	Existing LC
MAN-176-CAM-001	Red Bank	53.490567	-2.2385478	9	Replacement structure
MAN-177-CAM-001	A664 Rochdale Road	53.489036	-2.2307172	23	Existing LC
MAN-177-CAM-002	A644 Rochdale Road	53.489416	-2.2297697	26	Existing LC

Site reference	Road name	Latitude	Longitude	Lighting column reference	Proposed infrastructure
MAN-178-CAM-001	A62 Oldham Road	53.487056	-2.227421	25	Existing LC
MAN-178-CAM-002	A62 Oldham Road	53.486696	-2.2277356	24	Replacement structure
MAN-180-CAM-001	Collyhurst Road	53.494649	-2.2285922	29	Existing LC
MAN-181-CAM-001	A664 Rochdale Road	53.503946	-2.2176062	98	Replacement structure
MAN-181-CAM-002	A664 Rochdale Road	53.504323	-2.2178946	99	Replacement structure
MAN-182-CAM-001	Old Mill Street	53.48142	-2.2229758	7	Replacement structure
MAN-183-CAM-001	A662 Pollard Street	53.48077	-2.2194464	10	Replacement structure
MAN-184-CAM-001	Every Street	53.480039	-2.216218	9	Replacement structure
MAN-185-CAM-001	Palmerston Street	53.478594	-2.214945	13	Replacement structure
MAN-186-CAM-001	A662 Ashton New Road	53.482755	-2.2101289	15	Replacement structure
MAN-187-CAM-001	Bradford Road	53.488034	-2.2085424	21	Existing LC
MAN-188-CAM-001	Briscoe Lane	53.494021	-2.1925191	48	Replacement structure
MAN-189-CAM-001	A62 Oldham Road	53.497314	-2.2062214	126	Replacement structure
MAN-190-CAM-001	A62 Oldham Road	53.497053	-2.2064311	125	Replacement structure
MAN-191-CAM-001	Charlestown Road	53.522917	-2.1878236	72	Replacement structure
MAN-192-CAM-001	Moston Lane	53.517724	-2.1865187	99	Existing LC
MAN-193-CAM-001	B6393 Lightbowne Road	53.517075	-2.1815239	51	Existing LC
MAN-194-CAM-001	B6393 Lightbowne Road	53.506369	-2.1937059	10	Replacement structure
MAN-195-CAM-001	Averill Street	53.499516	-2.1723586	2	Existing LC
MAN-196-CAM-001	B6180 Waterloo Road	53.502662	-2.2447065	31	Replacement structure
MAN-197-CAM-001	St Mary's Road	53.512482	-2.1815193	28	Replacement structure
MAN-199-CAM-001	A57 Hyde Road	53.459635	-2.1659164	203	Replacement structure
MAN-200-CAM-001	Clayton Lane	53.479381	-2.1850092	19	Replacement structure
MAN-201-CAM-001	A6010 Alan Turing Way	53.478963	-2.1935055	32	Existing LC
MAN-202-CAM-001	A6010 Alan Turing Way	53.478918	-2.1938519	31	Replacement structure
MAN-203-CAM-001	A6010 Pottery Lane	53.463794	-2.197761	25	Replacement structure
MAN-204-CAM-001	A57 Hyde Road	53.465814	-2.199286	80	Replacement structure
MAN-205-CAM-001	B5219 Moss Lane East	53.457649	-2.2305769	7	Existing LC
MAN-206-CAM-001	Thompson street	53.486913	-2.2315194	5	Replacement structure
MAN-207-CAM-001	B6469 Fairfield street	53.475949	-2.2262014	34	Replacement structure
MAN-208-CAM-001	A665 Addington street	53.485904	-2.2328552	4	Replacement structure
MAN-209-CAM-001	Cambridge street	53.472983	-2.2442794	2	Existing LC
MAN-210-CAM-001	Grosvenor Street	53.472108	-2.230944	5	Existing LC
MAN-211-CAM-001	Great Bridgewater Street	53.474706	-2.2453138	24	Replacement structure
MAN-212-CAM-001	A6010 Wilbrahan Road	53.442737	-2.2209814	7	Existing LC
MAN-213-CAM-001	Hollyhedge Road	53.387904	-2.2495803	119	Existing LC
MAN-214-CAM-001	Brownley Road	53.378972	-2.257325	72	Existing LC
MAN-215-CAM-001	A662 Ashton New Road	53.483238	-2.1846342	123	Replacement structure
MAN-216-CAM-001	John Dalton Street	53.480537	-2.246553	4	Existing LC
MAN-501-CAM-003	A6104 Victoria Avenue	53.532678	-2.2095465	5	Existing LC

Site reference	Road name	Latitude	Longitude	Lighting column reference	Proposed infrastructure
MAN-501-CAM-004	A6104 Victoria Avenue East	53.531991	-2.2064654	6	Existing LC
MAN-501-CAM-005	A664 Rochdale Road	53.531385	-2.2088612	222	Replacement structure
MAN-502-CAM-001	A560 Altrincham Road	53.395008	-2.2569003	35	Replacement structure
MAN-502-CAM-002	A560 Altrincham Road	53.39525	-2.2572927	38	Replacement structure
MAN-502-CAM-003	A560 Altrincham Road	53.396369	-2.2592394	65	Existing LC
MAN-502-CAM-004	B5168 Sharston Road	53.397938	-2.2569931	16	Existing LC
MAN-502-CAM-005	Leestone Road	53.397391	-2.2562078	15	Replacement structure
MAN-503-CAM-001	A560 Altrincham Road	53.400428	-2.2729806	143	Replacement structure
MAN-503-CAM-002	Netherwood Road	53.399596	-2.2673053	13	Existing LC
MAN-503-CAM-003	Altrincham Road	53.398666	-2.2652541	103	Existing LC
MAN-504-CAM-001	Simonsway	53.382371	-2.2803667	3	Replacement structure
MAN-504-CAM-002	Simonsway	53.381303	-2.2758197	18	Replacement structure
MAN-505-CAM-001	Enterprise Way	53.369574	-2.275308	No ID	Existing LC
MAN-505-CAM-004	A555 Ringway Road	53.36723	-2.270589	No ID	Existing LC
MAN-505-CAM-005	Outwood Lane	53.366311	-2.2711993	19	Existing LC
MAN-505-CAM-006	Outwood Lane	53.36579	-2.2714064	18	Existing LC
MAN-506-CAM-001	A34 Kingsway	53.402102	-2.2247864	N/A	New structure
MAN-506-CAM-002	Runger Lane	53.362368	-2.2927374	3	Replacement structure
MAN-506-CAM-003	A538 Wilmslow Road	53.359623	-2.2907652	36	Existing LC
MAN-506-CAM-004	A538 Wilmslow Road	53.35911	-2.2907918	No ID	Existing LC
MAN-507-CAM-001	B5167 Wythenshawe Road	53.407046	-2.2719098	12	Existing LC
MAN-507-CAM-002	B5167 Palatine Road	53.406588	-2.2635886	137	Replacement structure
MAN-508-CAM-001	A5103 Princess Road	53.418944	-2.2612276	386	Replacement structure
MAN-509-CAM-001	Moston Lane East	53.520568	-2.1653705	35	Replacement structure
MAN-509-CAM-002	A6104 Hollinwood Avenue	53.523618	-2.1700583	7	Replacement structure
MAN-509-CAM-003	A6104 Hollinwood Avenue	53.523771	-2.1699232	8	Replacement structure
MAN-510-CAM-001	A663 Broadway	53.520216	-2.1667115	7	Existing LC
MAN-510-CAM-002	A663 Broadway	53.520521	-2.1668786	6	Existing LC
MAN-511-CAM-001	A576 Middleton Road	53.538446	-2.2394508	132	Existing LC