

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

## Appendix 10 – CAZ Signage and ANPR Oldham



Salford City Council



Oldham  
Council



TRAFFORD  
COUNCIL

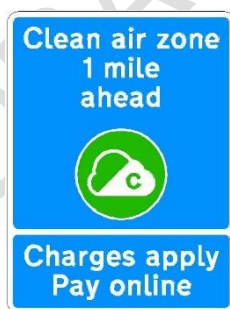


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<b>Date:</b>	25 June 2021		

## 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 Oldham 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 Oldham Council.

### CAZ Signage

Sign ID	Location drawing	Sign Structure Ref.	Easting	Northing	Nearest Road
OLD-001-ENT-001	60601741-ACM-OLD-DD-DR-TR-001001	ZBI+END-LATTIX-LOW-VE-100x	398282	414106	Ripponden Road
OLD-001-REP-001	60601741-ACM-OLD-DD-DR-TR-001301	REP-VE-75x	397805	411978	Ripponden Road

Sign ID	Location drawing	Sign Structure Ref.	Easting	Northing	Nearest Road
OLD-001-REP-002	60601741-ACM-OLD-DD-DR-TR-001302	REP-VE-75x	397723	411805	Ripponden Road
OLD-002-ENT-001	60601741-ACM-OLD-DD-DR-TR-002001	ZBI+END-LATTIX-LOW-VE-100x	399827	412125	Huddersfield Road
OLD-003-ENT-001	60601741-ACM-OLD-DD-DR-TR-003001	ZBI+END-LATTIX-LOW-VE-100x	401866	409505	Standedge Cutting
OLD-004-ENT-001	60601741-ACM-OLD-DD-DR-TR-004001	ZBI+END-LATTIX-LOW-VE-100x	403764	406048	Holmfirth Road
OLD-004-REP-001	60601741-ACM-OLD-DD-DR-TR-004301	REP-OFFSET-RIGHT-50x	400615	403999	Holmfirth Road
OLD-004-REP-002	60601741-ACM-OLD-DD-DR-TR-004302	REP-50x	400709	403987	Holmfirth Road
OLD-005-REP-001	60601741-ACM-OLD-DD-DR-TR-005301	REP-VE-75x	401791	409469	Standedge Cutting
OLD-005-REP-002	60601741-ACM-OLD-DD-DR-TR-005302	REP-VE-75x	401697	409432	Standedge Cutting
OLD-111-REP-001	60601741-ACM-OLD-DD-DR-TR-111301	REP-50x	390752	407288	Middleton Road
OLD-115-REP-002	60601741-ACM-OLD-DD-DR-TR-115302	REP-50x	392119	406679	Oldham Road
OLD-118-REP-001	60601741-ACM-OLD-DD-DR-TR-118301	REP-50x	388471	403775	Greengate
OLD-120-REP-002	60601741-ACM-OLD-DD-DR-TR-120302	REP-50x	392125	403138	Hollins Road
OLD-124-REP-002	60601741-ACM-OLD-DD-DR-TR-124302	REP-50x	388539	400889	Peel Street
OLD-137-REP-002	60601741-ACM-OLD-DD-DR-TR-137302	REP-50x	392958	404842	Waterloo Street
OLD-147-REP-002	60601741-ACM-OLD-DD-DR-TR-147302	REP-50x	390075	403913	Whitegate Lane
OLD-501-ENT-001	60601741-ACM-OLD-DD-DR-TR-501001	ZBI-60x	389214	403566	Broadgate
OLD-501-ENT-002	60601741-ACM-OLD-DD-DR-TR-501002	ZBI-60x	389298	403563	Gateway Crescent
OLD-501-ENT-007	60601741-ACM-OLD-DD-DR-TR-501007	ZBI+END-60x	389496	403272	Local Road
OLD-501-ENT-008	60601741-ACM-OLD-DD-DR-TR-501008	ZBI+END-60x	389553	403242	Ryecroft Close
OLD-501-ENT-009	60601741-ACM-OLD-DD-DR-TR-501009	RHS-ZBI+END-75x	389800	402929	A6104
OLD-501-ENT-010	60601741-ACM-OLD-DD-DR-TR-501010	RHS-ZBI+END-75x	389822	402934	A6104
OLD-501-EXT-001	60601741-ACM-OLD-DD-DR-TR-501101	END-75x	389213	403586	Broadgate
OLD-501-EXT-002	60601741-ACM-OLD-DD-DR-TR-501102	END-75x	389329	403572	Gateway Crescent
OLD-501-EXT-009	60601741-ACM-OLD-DD-DR-TR-501109	END-75x	389541	403241	Ryecroft Close
OLD-502-ENT-001	60601741-ACM-OLD-DD-DR-TR-502001	RHS-ZBI-75x	390486	402574	Hollinwood Avenue
OLD-502-ENT-002	60601741-ACM-OLD-DD-DR-TR-502002	RHS-ZBI-75x	390496	402583	Hollinwood Avenue
OLD-502-ENT-003	60601741-ACM-OLD-DD-DR-TR-502003	ZBI-OFFSET-RIGHT-60x	390489	402472	Hollins Road
OLD-502-ENT-004	60601741-ACM-OLD-DD-DR-TR-502004	ZBI+END-60x	390479	402480	Hollins Road

Sign ID	Location drawing	Sign Structure Ref.	Easting	Northing	Nearest Road
OLD-502-ENT-005	60601741-ACM-OLD-DD-DR-TR-502005	ZBI-60x	390604	402686	Manchester Road
OLD-502-ENT-006	60601741-ACM-OLD-DD-DR-TR-502006	ZBI-60x	390613	402683	Manchester Road
OLD-502-EXT-001	60601741-ACM-OLD-DD-DR-TR-502101	END-75x	390456	402485	Hollinwood Avenue
OLD-502-EXT-003	60601741-ACM-OLD-DD-DR-TR-502103	END-75x	390482	402619	Hollinwood Avenue
OLD-502-EXT-004	60601741-ACM-OLD-DD-DR-TR-502104	END-75x	390458	402621	Hollinwood Avenue
OLD-502-EXT-005	60601741-ACM-OLD-DD-DR-TR-502105	END-75x	390656	402756	Manchester Road
OLD-502-EXT-006	60601741-ACM-OLD-DD-DR-TR-502106	END-75x	390648	402758	Manchester Road
OLD-502-REP-004	60601741-ACM-OLD-DD-DR-TR-502304	REP-50x	390433	402422	Manchester Road
OLD-502-REP-011	60601741-ACM-OLD-DD-DR-TR-502311	REP-50x	390427	402646	Hollinwood Avenue
OLD-502-REP-012	60601741-ACM-OLD-DD-DR-TR-502312	REP-75x	390415	402668	Hollinwood Avenue
OLD-502-REP-013	60601741-ACM-OLD-DD-DR-TR-502313	REP-50x	390672	402829	Manchester Road
OLD-503-ENT-004	60601741-ACM-OLD-DD-DR-TR-503004	RHS-ZBI-75x	390940	406630	Chadderton Way
OLD-503-ENT-005	60601741-ACM-OLD-DD-DR-TR-503005	RHS-ZBI-75x	390925	406630	Chadderton Way
OLD-503-ENT-006	60601741-ACM-OLD-DD-DR-TR-503006	RHS-ZBI-75x	390928	406712	Broadway
OLD-503-ENT-007	60601741-ACM-OLD-DD-DR-TR-503007	RHS-ZBI-75x	390932	406721	Broadway
OLD-503-ENT-008	60601741-ACM-OLD-DD-DR-TR-503008	ZBI-60x	390725	406592	Burnley Lane
OLD-503-EXT-004	60601741-ACM-OLD-DD-DR-TR-503103	END-LOW-75x	390945	406586	Chadderton Way
OLD-503-EXT-005	60601741-ACM-OLD-DD-DR-TR-503104	END-LOW-75x	390958	406594	Chadderton Way
OLD-503-EXT-006	60601741-ACM-OLD-DD-DR-TR-503105	END-75x	390951	406680	Broadway
OLD-503-EXT-007	60601741-ACM-OLD-DD-DR-TR-503106	END-75x	390946	406694	Broadway
OLD-503-EXT-008	60601741-ACM-OLD-DD-DR-TR-503107	END-LOW-75x	390730	406638	Burnley Lane
OLD-503-EXT-009	60601741-ACM-OLD-DD-DR-TR-503108	END-LOW-75x	390722	406641	Burnley Lane
OLD-504-ENT-002	60601741-ACM-OLD-DD-DR-TR-504002	RHS-ZBI-75x	390813	406468	Burnley Lane
OLD-505-ENT-001	60601741-ACM-OLD-DD-DR-TR-505001	ZBI+END-OFFSET-RIGHT-60x	390689	406268	Parkdale
OLD-506-ENT-001	60601741-ACM-OLD-DD-DR-TR-506001	RHS-ZBI+END-75x	390625	406102	Park View
OLD-506-EXT-002	60601741-ACM-OLD-DD-DR-TR-506102	END-75x	390658	406084	Broadway
OLD-507-ENT-001	60601741-ACM-OLD-DD-DR-TR-507001	ZBI-60x	390491	405490	Middleton Road
OLD-507-ENT-002	60601741-ACM-OLD-DD-DR-TR-507002	ZBI-60x	390385	405518	Middleton Road

Sign ID	Location drawing	Sign Structure Ref.	Easting	Northing	Nearest Road
OLD-507-EXT-001	60601741-ACM-OLD-DD-DR-TR-507101	END-75x	390502	405473	Middleton Road
OLD-507-EXT-002	60601741-ACM-OLD-DD-DR-TR-507102	END-OFFSET-RIGHT-75x	390391	405531	Middleton Road
OLD-508-ENT-001	60601741-ACM-OLD-DD-DR-TR-508001	ZBI-OFFSET-RIGHT-60x	390368	405274	Hunt Lane
OLD-508-ENT-002	60601741-ACM-OLD-DD-DR-TR-508002	ZBI-OFFSET-60x	390256	405328	Hunt Lane
OLD-508-EXT-001	60601741-ACM-OLD-DD-DR-TR-508101	END-75x	390357	405268	Hunt Lane
OLD-508-EXT-002	60601741-ACM-OLD-DD-DR-TR-508102	END-75x	390261	405339	Hunt Lane
OLD-509-ENT-001	60601741-ACM-OLD-DD-DR-TR-509001	ZBI+END-60x	390190	405054	Derwent Drive
OLD-510-ENT-001	60601741-ACM-OLD-DD-DR-TR-510001	ZBI-OFFSET-50x	390185	404839	Fold Green
OLD-510-ENT-002	60601741-ACM-OLD-DD-DR-TR-510002	ZBI+END-OFFSET-60x	390116	404833	Milton Drive
OLD-510-EXT-001	60601741-ACM-OLD-DD-DR-TR-510101	END-OFFSET-75x	390188	404826	Fold Green
OLD-511-ENT-001	60601741-ACM-OLD-DD-DR-TR-511001	ZBI+END-50x	390069	404607	Local Access Road
OLD-512-ENT-001	60601741-ACM-OLD-DD-DR-TR-512001	ZBI+END-60x	390026	404445	Thatch Leach
OLD-513-ENT-001	60601741-ACM-OLD-DD-DR-TR-513001	ZBI+END-60x	390006	404165	Eaves Lane
OLD-513-ENT-002	60601741-ACM-OLD-DD-DR-TR-513002	ZBI-60x	389926	404235	Foxdenton Lane
OLD-513-EXT-002	60601741-ACM-OLD-DD-DR-TR-513102	END-OFFSET-75x	389948	404229	Foxdenton Lane
OLD-514-ENT-001	60601741-ACM-OLD-DD-DR-TR-514001	ZBI-OFFSET-60x	390001	403923	Whitegate Lane
OLD-514-ENT-002	60601741-ACM-OLD-DD-DR-TR-514002	ZBI+END-60x	389966	403905	Whitegate Lane
OLD-514-ENT-003	60601741-ACM-OLD-DD-DR-TR-514003	ZBI+END-OFFSET-60x	389887	403920	Jardine Way
OLD-514-EXT-001	60601741-ACM-OLD-DD-DR-TR-514101	END-OFFSET-75x	389968	403892	Whitegate Lane
OLD-515-ENT-001	60601741-ACM-OLD-DD-DR-TR-515001	ZBI-OFFSET-50x	389902	403768	Whitegate Avenue
OLD-515-EXT-001	60601741-ACM-OLD-DD-DR-TR-515101	END-75x	389880	403782	Whitegate Avenue
OLD-516-ENT-001	60601741-ACM-OLD-DD-DR-TR-516001	ZBI-60x	389741	403724	Gorse Street
OLD-516-ENT-002	60601741-ACM-OLD-DD-DR-TR-516002	ZBI-OFFSET-RIGHT-60x	389713	403684	Gorse Street
OLD-516-EXT-001	60601741-ACM-OLD-DD-DR-TR-516101	END-75x	389751	403739	Gorse Street
OLD-517-ENT-001	60601741-ACM-OLD-DD-DR-TR-517001	ZBI-OFFSET-60x	389604	403482	Long Lane
OLD-517-ENT-002	60601741-ACM-OLD-DD-DR-TR-517002	ZBI-60x	389543	403528	Local Road
OLD-517-EXT-001	60601741-ACM-OLD-DD-DR-TR-517101	END-OFFSET-75x	389608	403450	Long Lane
OLD-517-EXT-002	60601741-ACM-OLD-DD-DR-TR-517102	END-OFFSET-75x	389564	403536	Local Road

Sign ID	Location drawing	Sign Structure Ref.	Easting	Northing	Nearest Road
OLD-518-ENT-001	60601741-ACM-OLD-DD-DR-TR-518001	ZBI-50x	389388	403336	Stott Road
OLD-518-EXT-001	60601741-ACM-OLD-DD-DR-TR-518101	END-75x	389397	403341	Stott Road
OLD-519-ENT-001	60601741-ACM-OLD-DD-DR-TR-519001	ZBI-60x	389321	403144	Butterworth Lane
OLD-519-ENT-002	60601741-ACM-OLD-DD-DR-TR-519002	ZBI-60x	389269	403199	Restricted Local Access Road
OLD-519-EXT-001	60601741-ACM-OLD-DD-DR-TR-519101	END-75x	389316	403125	Butterworth Lane
OLD-519-EXT-002	60601741-ACM-OLD-DD-DR-TR-519102	END-75x	389254	403222	Mough Lane
OLD-520-ENT-001	60601741-ACM-OLD-DD-DR-TR-520001	ZBI-50x	389166	402991	St George's Square
OLD-520-EXT-001	60601741-ACM-OLD-DD-DR-TR-520101	END-75x	389171	403002	St George's Square
OLD-521-ENT-001	60601741-ACM-OLD-DD-DR-TR-521001	RHS-ZBI-OFFSET-RIGHT-75x	389187	402854	Hollinwood Avenue
OLD-521-ENT-003	60601741-ACM-OLD-DD-DR-TR-521003	RHS-ZBI-OFFSET-75x	389107	402870	Hollinwood Avenue
OLD-521-EXT-001	60601741-ACM-OLD-DD-DR-TR-521101	END-75x	389185	402836	Hollinwood Avenue
OLD-521-EXT-003	60601741-ACM-OLD-DD-DR-TR-521103	END-75x	389096	402897	Hollinwood Avenue
OLD-522-ENT-001	60601741-ACM-OLD-DD-DR-TR-522001	ZBI+END-60x	389951	404071	Secondary Access Road
MAN-509-REP-004	No drawing required	REP-LC-50x	388962	402939	Hollinwood Avenue
MAN-509-REP-006	No drawing required	REP-LC-50x	388931	403020	Owler Lane
OLD-002-REP-001	No drawing required	REP-LC-50x	397699	410445	Huddersfield Road
OLD-002-REP-002	No drawing required	REP-LC-50x	397771	410426	Huddersfield Road
OLD-101-REP-001	No drawing required	REP-LC-50x	394276	410411	Milnrow Road
OLD-101-REP-002	No drawing required	REP-LC-50x	394292	410550	Milnrow Road
OLD-102-REP-001	No drawing required	REP-LC-50x	393844	409157	Crompton Way
OLD-102-REP-002	No drawing required	REP-LC-50x	393937	409241	Crompton Way
OLD-103-REP-001	No drawing required	REP-LC-50x	395378	407819	Ripponden Road
OLD-103-REP-002	No drawing required	REP-LC-50x	395422	407870	Ripponden Road
OLD-104-REP-001	No drawing required	REP-LC-50x	397970	406656	Oldham Road
OLD-104-REP-002	No drawing required	REP-LC-50x	397983	406567	Oldham Road
OLD-105-REP-001	No drawing required	REP-LC-50x	399827	407007	Standedge Road
OLD-105-REP-002	No drawing required	REP-LC-50x	399841	407076	Standedge Road
OLD-107-REP-001	No drawing required	REP-LC-50x	398341	403637	Manchester Road
OLD-107-REP-002	No drawing required	REP-LC-50x	398397	403650	Manchester Road
OLD-108-REP-001	No drawing required	REP-LC-50x	395057	404539	High Street
OLD-108-REP-002	No drawing required	REP-LC-50x	395109	404577	High Street
OLD-109-REP-001	No drawing required	REP-LC-50x	393161	406617	Higginshaw Lane
OLD-109-REP-002	No drawing required	REP-LC-50x	393166	406729	Higginshaw Lane
OLD-110-REP-001	No drawing required	REP-LC-50x	393230	408234	Shaw Road
OLD-110-REP-002	No drawing required	REP-LC-50x	393305	408307	Shaw Road



Sign ID	Location drawing	Sign Structure Ref.	Easting	Northing	Nearest Road
OLD-111-REP-002	No drawing required	REP-LC-50x	390808	407326	Middleton Road
OLD-112-REP-001	No drawing required	REP-LC-50x	393154	405504	Egerton Street
OLD-112-REP-002	No drawing required	REP-LC-50x	393199	405539	Egerton Street
OLD-113-REP-001	No drawing required	REP-LC-50x	391352	405171	Middleton Road
OLD-113-REP-002	No drawing required	REP-LC-50x	391445	405164	Middleton Road
OLD-114-REP-001	No drawing required	REP-LC-50x	393695	405336	Cheetham Street
OLD-114-REP-002	No drawing required	REP-LC-50x	393960	405477	Huddersfield Road
OLD-114-REP-003	No drawing required	REP-LC-50x	393804	405480	Barry Street
OLD-114-REP-004	No drawing required	REP-LC-50x	393714	405424	St James's Street
OLD-115-REP-001	No drawing required	REP-LC-50x	392108	406601	Oldham Road
OLD-117-REP-001	No drawing required	REP-LC-50x	390777	403964	Block Lane
OLD-117-REP-002	No drawing required	REP-LC-50x	390863	404042	Block Lane
OLD-118-REP-002	No drawing required	REP-LC-50x	388510	403848	Greengate
OLD-119-REP-001	No drawing required	REP-LC-50x	390460	403134	Drury Lane
OLD-119-REP-002	No drawing required	REP-LC-50x	390643	403113	Drury Lane
OLD-120-REP-001	No drawing required	REP-LC-50x	392061	403038	Hollins Road
OLD-121-REP-001	No drawing required	REP-LC-50x	392059	403906	Chamber Road
OLD-121-REP-002	No drawing required	REP-LC-50x	392145	403961	Chamber Road
OLD-121-REP-003	No drawing required	REP-LC-50x	392119	403830	Burlington Avenue
OLD-123-REP-001	No drawing required	REP-LC-50x	394756	403352	Abbey Hills Road
OLD-123-REP-002	No drawing required	REP-LC-50x	394983	403168	Abbey Hills Road
OLD-123-REP-003	No drawing required	REP-LC-50x	395012	403172	Lees New Road
OLD-124-REP-001	No drawing required	REP-LC-50x	388398	400838	Oldham Road
OLD-124-REP-003	No drawing required	REP-LC-50x	388430	400867	Morton Street
OLD-124-REP-004	No drawing required	REP-LC-50x	388498	400858	Corn Street
OLD-125-REP-001	No drawing required	REP-LC-50x	389786	401147	Lord Lane
OLD-125-REP-002	No drawing required	REP-LC-50x	389764	401202	Lord Lane
OLD-126-REP-001	No drawing required	REP-LC-50x	390966	402624	School Road
OLD-126-REP-002	No drawing required	REP-LC-50x	391039	402646	Hollins Road
OLD-126-REP-003	No drawing required	REP-LC-50x	391023	402610	Secondary Access Road
OLD-127-REP-001	No drawing required	REP-LC-50x	389603	405755	Middleton Road
OLD-127-REP-003	No drawing required	REP-LC-50x	389737	405721	Middleton Road
OLD-128-REP-001	No drawing required	REP-LC-50x	396326	405515	Huddersfield Road
OLD-128-REP-002	No drawing required	REP-LC-50x	396442	405591	Huddersfield Road
OLD-129-REP-001	No drawing required	REP-LC-50x	396489	405508	Lower Turf Lane
OLD-129-REP-002	No drawing required	REP-LC-50x	396552	405635	Lower Turf Lane
OLD-130-REP-001	No drawing required	REP-LC-50x	391655	403935	Frederick Street
OLD-130-REP-002	No drawing required	REP-LC-50x	391605	404004	Frederick Street
OLD-131-REP-001	No drawing required	REP-LC-50x	392834	402653	Ashton Road
OLD-131-REP-002	No drawing required	REP-LC-50x	392851	402534	Ashton Road
OLD-131-REP-003	No drawing required	REP-LC-50x	392884	402579	Ducie Street

Sign ID	Location drawing	Sign Structure Ref.	Easting	Northing	Nearest Road
OLD-132-REP-001	No drawing required	REP-LC-50x	392595	404506	Park Road
OLD-132-REP-002	No drawing required	REP-LC-50x	392640	404473	Park Road
OLD-133-REP-001	No drawing required	REP-LC-50x	392463	404074	Ashton Road
OLD-134-REP-001	No drawing required	REP-LC-50x	392469	404112	Ashton Road
OLD-136-REP-001	No drawing required	REP-LC-50x	393912	405029	Lees Road
OLD-136-REP-002	No drawing required	REP-LC-50x	394013	404976	Lees Road
OLD-136-REP-003	No drawing required	REP-LC-50x	394002	404974	Staley Street
OLD-136-REP-004	No drawing required	REP-LC-50x	394022	405024	Cow Lane
OLD-137-REP-001	No drawing required	REP-LC-50x	392953	404887	Waterloo Street
OLD-137-REP-003	No drawing required	REP-LC-50x	392959	404881	Roscoe Street
OLD-138-REP-001	No drawing required	REP-LC-50x	392184	405269	Rochdale Road
OLD-138-REP-002	No drawing required	REP-LC-50x	392172	405399	Rochdale Road
OLD-138-REP-003	No drawing required	REP-LC-50x	392161	405301	Alderson Street
OLD-139-REP-001	No drawing required	REP-LC-50x	392042	405044	Middleton Road
OLD-139-REP-002	No drawing required	REP-LC-50x	392099	405036	Middleton Road
OLD-140-REP-001	No drawing required	REP-LC-50x	391609	406854	Broadway
OLD-140-REP-002	No drawing required	REP-LC-50x	391673	406883	Broadway
OLD-141-REP-001	No drawing required	REP-LC-50x	391891	407915	Rochdale Road
OLD-141-REP-002	No drawing required	REP-LC-50x	391792	408140	Schofield Street
OLD-141-REP-003	No drawing required	REP-LC-50x	391887	408057	Bleasdale Street
OLD-142-REP-001	No drawing required	REP-LC-50x	390901	402118	Roman Road
OLD-142-REP-002	No drawing required	REP-LC-50x	390793	402064	Roman Road
OLD-147-REP-001	No drawing required	REP-LC-50x	390036	403928	Whitegate Lane
OLD-148-REP-001	No drawing required	REP-LC-50x	389919	404242	Foxdenton Lane
OLD-148-REP-002	No drawing required	REP-LC-50x	389849	404334	Foxdenton Lane
OLD-149-REP-001	No drawing required	REP-LC-50x	390094	404087	Eaves Lane
OLD-149-REP-002	No drawing required	REP-LC-50x	390151	403988	Eaves Lane
OLD-150-REP-001	No drawing required	REP-LC-50x	390145	405379	Hunt Lane
OLD-150-REP-002	No drawing required	REP-LC-50x	390241	405336	Hunt Lane
OLD-151-REP-001	No drawing required	REP-LC-50x	390360	405281	Hunt Lane
OLD-151-REP-002	No drawing required	REP-LC-50x	390427	405236	Hunt Lane
OLD-501-REP-001	No drawing required	REP-LC-50x	389178	403612	Broadgate
OLD-501-REP-002	No drawing required	REP-LC-50x	389367	403611	Gateway Crescent
OLD-501-REP-006	No drawing required	REP-LC-50x	389898	403693	Whitegate Avenue
OLD-501-REP-009	No drawing required	REP-LC-50x	389702	403335	Long Lane
OLD-501-REP-017	No drawing required	REP-LC-50x	389397	402972	Butterworth Lane
OLD-501-REP-020	No drawing required	REP-LC-50x	389211	403189	St George's Square
OLD-501-REP-021	No drawing required	REP-LC-50x	389166	403271	Mough Lane
OLD-502-REP-003	No drawing required	REP-LC-50x	390448	402422	Manchester Road
OLD-502-REP-007	No drawing required	REP-LC-50x	390623	402319	Albert Street
OLD-502-REP-008	No drawing required	REP-LC-50x	390602	402369	Albert Street

Sign ID	Location drawing	Sign Structure Ref.	Easting	Northing	Nearest Road
OLD-502-REP-009	No drawing required	REP-LC-50x	390348	402344	Wickentree Lane
OLD-502-REP-010	No drawing required	REP-LC-50x	390344	402321	Oldham Road
OLD-502-REP-014	No drawing required	REP-LC-50x	390682	402824	Manchester Road
OLD-503-REP-001	No drawing required	REP-LC-50x	391078	406472	Chadderton Way
OLD-503-REP-003	No drawing required	REP-LC-50x	391110	406675	Broadway
OLD-503-REP-004	No drawing required	REP-LC-50x	390638	406544	Burnley Lane
OLD-507-REP-002	No drawing required	REP-LC-50x	390541	405472	Middleton Road
OLD-507-REP-003	No drawing required	REP-LC-50x	390535	405447	Dalton Street
OLD-507-REP-004	No drawing required	REP-LC-50x	390213	405594	Middleton Road
OLD-507-REP-005	No drawing required	REP-LC-50x	390624	405427	Middleton Road
OLD-507-REP-006	No drawing required	REP-LC-50x	390638	405444	Burnley Street
OLD-513-REP-001	No drawing required	REP-LC-50x	390028	404175	Denton Lane
OLD-513-REP-002	No drawing required	REP-LC-50x	390100	404209	Denton Lane
OLD-521-REP-001	No drawing required	REP-LC-50x	389419	402783	Hollinwood Avenue

## 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
OLD-001-CAM-001	A672 Ripponden Road	53.60355	-2.0353542	12	Replacement structure
OLD-002-CAM-001	A640 Huddersfield Road	53.590508	-2.0357511	11	Replacement structure
OLD-004-CAM-001	A635 Holmfirth Road	53.532619	-1.991845	10	Replacement structure
OLD-005-CAM-001	A62 Standedge Cutting	53.581621	-1.9753723	N/A	New structure
OLD-101-CAM-001	A663 Milnrow Road	53.591173	-2.0876915	54	Replacement structure
OLD-102-CAM-001	A663 Crompton Way	53.579331	-2.0936478	36	Replacement structure
OLD-103-CAM-001	A672 Ripponden Road	53.567167	-2.0708063	97	Replacement structure
OLD-104-CAM-001	A62 Oldham Road	53.556263	-2.0320389	36	Replacement structure
OLD-105-CAM-001	Standedge Road	53.560151	-2.003917	6	Replacement structure
OLD-107-CAM-001	A635 Manchester Road	53.529453	-2.0260446	60	Replacement structure
OLD-108-CAM-001	A669 High Street	53.537692	-2.0757663	4	Replacement structure
OLD-109-CAM-001	Higginshaw Lane	53.55677	-2.1046778	6	Replacement structure
OLD-110-CAM-001	Shaw Road	53.57091	-2.1032934	49	Replacement structure
OLD-111-CAM-001	B6195 Middleton Road	53.562324	-2.1407438	43	Replacement structure
OLD-112-CAM-001	Egerton Street	53.546281	-2.1044557	18	Replacement structure
OLD-113-CAM-001	A669 Middleton Road	53.543054	-2.1314595	26	Replacement structure

Site reference	Road name	Latitude	Longitude	Lighting column reference	Proposed infrastructure
OLD-114-CAM-001	Huddersfield Road	53.545021	-2.0956393	11	Replacement structure
OLD-114-CAM-002	Huddersfield Road	53.545238	-2.0943269	18	Replacement structure
OLD-115-CAM-001	Oldham Road	53.556521	-2.1206026	48	Replacement structure
OLD-116-CAM-001	A627 Oldham Way	53.544751	-2.124538	No ID	Replacement structure
OLD-117-CAM-001	B6190 Block Lane	53.532456	-2.1402976	28	Replacement structure
OLD-118-CAM-001	Greengate	53.530855	-2.1749149	68	Replacement structure
OLD-118-CAM-002	Greengate	53.530694	-2.175314	69	Replacement structure
OLD-119-CAM-001	B6189 Drury Lane	53.524497	-2.1435294	12	Replacement structure
OLD-120-CAM-001	Hollins Road	53.524531	-2.1207529	31	Replacement structure
OLD-121-CAM-001	Chamber Road	53.531839	-2.1208039	13	Replacement structure
OLD-122-CAM-001	A62 Manchester Road	53.533814	-2.1320343	13	Replacement structure
OLD-123-CAM-001	B6194 Abbey Hills Road	53.52543	-2.0774338	59	Replacement structure
OLD-124-CAM-001	A62 Oldham Road	53.504636	-2.1745806	5	Replacement structure
OLD-125-CAM-001	Lord Lane	53.507143	-2.1556534	7	Replacement structure
OLD-126-CAM-001	A6104 Hollins Road	53.520334	-2.1369846	85	Replacement structure
OLD-127-CAM-001	A669 Middleton Road	53.548155	-2.1571624	24	Replacement structure
OLD-128-CAM-001	A62- Huddersfield Road	53.546511	-2.0560271	134	Replacement structure
OLD-129-CAM-001	Lower Turf Lane	53.546566	-2.0541106	4	Replacement structure
OLD-130-CAM-001	Frederick Street	53.532299	-2.127745	36	Replacement structure
OLD-131-CAM-001	A627 Ashton Road	53.519967	-2.109383	87	Replacement structure
OLD-132-CAM-001	Park Road	53.536961	-2.1128972	6	Replacement structure
OLD-133-CAM-001	A627 Ashton Road	53.533615	-2.1153625	22	Replacement structure
OLD-134-CAM-001	A627 Ashton Road	53.532556	-2.114583	29	Replacement structure
OLD-136-CAM-001	A669 Lees Road	53.541554	-2.0923268	31	Replacement structure
OLD-137-CAM-001	Waterloo Street	53.540265	-2.1077907	8	Existing LC
OLD-138-CAM-001	A671 Rochdale Road	53.544801	-2.119694	19	Replacement structure
OLD-139-CAM-001	A669 Middleton Road	53.541968	-2.1211648	6	Replacement structure
OLD-140-CAM-001	A663 Broadway	53.558321	-2.1275669	33	Replacement structure
OLD-141-CAM-001	A671 Rochdale Road	53.568077	-2.1241537	16	Replacement structure
OLD-142-CAM-001	Roman Road	53.515478	-2.1392159	31	Replacement structure
OLD-147-CAM-001	Whitegate Lane	53.531786	-2.1513537	3	Replacement structure
OLD-148-CAM-001	B6189 Foxdenton Lane	53.53536	-2.1541426	36	Replacement structure
OLD-149-CAM-001	Eaves Lane	53.53309	-2.1507398	6	Replacement structure
OLD-150-CAM-001	Hunt Lane	53.544848	-2.1497253	16	Replacement structure
OLD-151-CAM-001	Hunt Lane	53.543837	-2.1463112	25	Replacement structure
OLD-501-CAM-001	Broadgate	53.528803	-2.164226	13	Replacement structure
OLD-501-CAM-002	Gateway Crescent	53.528931	-2.1622955	2	Replacement structure
OLD-501-CAM-003	Butterworth Lane	53.523943	-2.1619597	7	Replacement structure
OLD-501-CAM-013	Long Lane	53.527059	-2.1575819	7	Replacement structure
OLD-501-CAM-019	Hollinwood Avenue	53.52223	-2.1527374	N/A	New structure

Site reference	Road name	Latitude	Longitude	Lighting column reference	Proposed infrastructure
OLD-501-CAM-021	Whitegate Avenue	53.530237	-2.1535507	3	Replacement structure
OLD-501-CAM-022	Mough Lane	53.525747	-2.1645309	4	Replacement structure
OLD-502-CAM-001	Hollinwood Avenue	53.520028	-2.1454297	2	Replacement structure
OLD-502-CAM-002	A62 Manchester Road	53.518194	-2.1458155	89	Replacement structure
OLD-502-CAM-003	Manchester Road	53.521721	-2.142615	94	Replacement structure
OLD-502-CAM-004	Albert Street	53.517658	-2.1430387	3	Replacement structure
OLD-502-CAM-005	Manchester Road	53.517887	-2.1465685	86	Replacement structure
OLD-502-CAM-007	Manchester Road	53.521578	-2.1422978	93	Replacement structure
OLD-503-CAM-001	Chadderton Way	53.555587	-2.1371289	76	Replacement structure
OLD-503-CAM-002	A663 Broadway	53.5568	-2.1373592	70	Replacement structure
OLD-503-CAM-003	Burnley Lane	53.555698	-2.1416426	3	Replacement structure
OLD-507-CAM-001	A669 Middleton Road	53.545611	-2.143361	57	Replacement structure
OLD-507-CAM-002	A669 Middleton Road	53.546487	-2.1478295	4	Replacement structure
OLD-513-CAM-001	Denton Lane	53.534393	-2.1512574	41	Replacement structure
OLD-521-CAM-001	A6104 Hollinwood Avenue	53.521677	-2.1630973	65	Replacement structure
OLD-521-CAM-002	A6104 Hollinwood Avenue	53.521942	-2.163472	68	Replacement structure