

GREATER MANCHESTER TRANSPORTATION UNIT



GMTU is a specialist local authority unit established to provide services for and on behalf of the local authorities of Greater Manchester.

We undertake work in two main ways:

- strategic work in support of the authorities as a whole
- local work commissioned by individual authorities

Our strategic work covers support for the development of transport policies and strategies, the forecasting and appraisal of proposed strategies and schemes and the evaluation of implemented schemes. This support is currently focused on two main areas: the Greater Manchester Local Transport Plan (LTP) and the Greater Manchester Integrated Transport Strategy (GMITS).

We maintain databases and transport models to assist our work; and some of these facilities are also available for use by the authorities themselves.

We are organised in five main service areas – surveys, analysis, planning, systems, road safety– together with business/administrative support. In addition, we make use of other support services within our 'lead authority' Manchester City Council.

Main contacts:

John Rice	(Greater Manchester Strategic Transport Manager) 0161 455 2050/j.rice@manchester.gov.uk
Tony Mellor	(Group Leader, Transport Planning) 0161 455 2054/t.mellor@manchester.gov.uk
Ann Castle	(Acting Group Leader, Transport Analytical Services and Surveys) 0161 455 2062/a.castle@manchester.gov.uk
Barry Weston	(Group Leader, Transport Systems) 0161 455 2032/b.weston@manchester.gov.uk
Josie Wride	(Group Leader, Joint Road Safety Team) 0161 455 2102/j.wride@manchester.gov.uk

GMTU Website:

<http://www.gmtu.gov.uk>

GREATER MANCHESTER TRANSPORTATION UNIT Transport Survey Services



GMTU collects and processes data to support the development, appraisal and evaluation of transport policies, strategies and schemes on behalf of Greater Manchester's District Councils, GMPTC and other clients.

We regularly uses up to 50 Traffic Surveyors per day to undertake an extensive range of surveys including:

- Classified Traffic Turning Counts
- Classified Traffic Link Counts
- Pedestrian/Vehicle Conflicts
- Number Plate Matching
- Parking Studies
- Pedestrian Counts
- Inventory Surveys
- Rights of Way Surveys
- Journey Times
- Generation of Trips By Developments
- Travel Interviews



We also use a range of technology to collect data automatically. Surveys include:

- Temporary ATC Speed/Class/Volume Surveys
- Permanent ATC Loop and Piezo Surveys
- Video Surveys
- Automatic Cycle Counts
- Automatic Pedestrian Counts
- Equestrian trails monitoring
- Radar Surveys; Red light monitoring
- Monitoring of Retail parks
- Monitoring of Anti-social behaviour



We also have video survey and analysis capabilities and are at the forefront of testing and developing new techniques and technologies for data collection and analysis.

Contacts for our transport survey services are:

John Mayoh (Team Leader, Manual Surveys)
0161 455 2063/j.mayoh@manchester.gov.uk
Darren Holt (Team Leader, Automated Surveys)
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GREATER MANCHESTER TRANSPORTATION UNIT

Transport Analysis Services



GMTU undertakes transport data analysis and research to support the development, appraisal and evaluation of transport policies, strategies and schemes throughout Greater Manchester on behalf of Greater Manchester's District Councils, GMPTA and other clients. We also support the work of Greater Manchester's Casualty Reduction Partnership, Traffic Accident Group and the Road Safety Team.

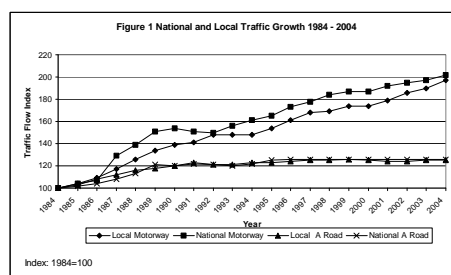
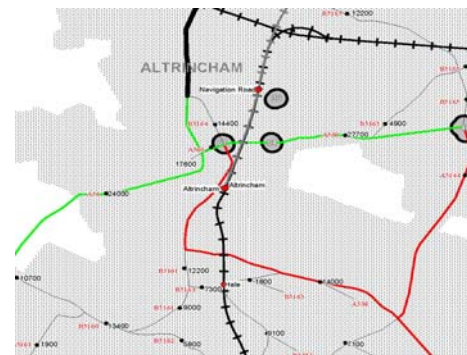
We maintain the road traffic casualty database, GMAXI, and other transport-related databases through which trends in casualties and travel are monitored.

We produce the annual Greater Manchester Road Casualty Statistics report, regular road casualty bulletins and bespoke analyses of road casualty data.

We also produce the annual Greater Manchester Transport Statistics report and 10 annual reports specifically for districts.

We are able to provide an extensive range of survey design, monitoring, research, analysis, reporting and mapping services on behalf of clients, including:

- Casualty analysis
- National Census data analysis
- Travel analysis and research
- Scheme evaluation
- Map-based analysis
- Interview surveys
- Safer routes to school surveys
- Travel plan surveys
- Public consultation surveys
- TRO inventories
- Questionnaire design



Contacts for our Transport Analysis Services are:

Ann Castle (Acting Group Leader, Transport Analytical Services and Surveys)
0161 455 2052/a.castle@manchester.gov.uk

Peter Bearon (Team Leader, Road Safety Analysis)
0161 455 2066/p.bearon@manchester.gov.uk

Elwyn Ellis (Team Leader, Transport Analysis)
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GREATER MANCHESTER TRANSPORTATION UNIT

Transport Planning Services



GMTU undertakes a range of projects for Greater Manchester's ten authorities, the Greater Manchester Passenger Transport Executive and numerous other clients. Our transport planning portfolio includes work on local traffic management schemes, strategic highway schemes, park and ride strategies, Quality Bus Corridors new Metrolink lines and the highway forecasting aspects of Greater Manchester's proposed Congestion Charging Scheme and transport investment package, as well as many development proposals. We use a range of modelling packages and databases, such as SATURN, TRIPS, PARAMICS and TRICS, as well as packages developed by our Transport Systems Group.

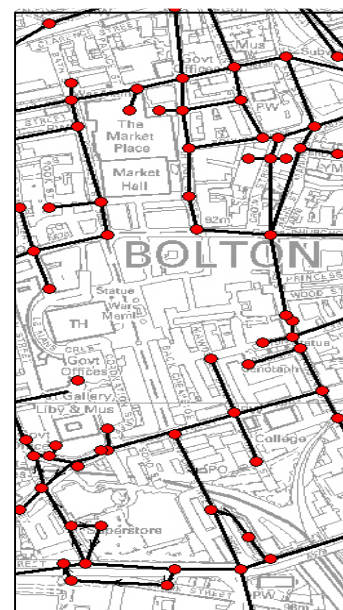
We have contributed to the forecasting, appraisal and design of all the major highway schemes that have opened in Greater Manchester over the last 20 years, including:

- Denton to Middleton section of the M60
- A34 Wilmslow and Handforth Bypass
- Manchester and Salford Inner Ring Road
- A6010 Alan Turing Way, Manchester
- Irlam and Cadishead Bypasses.

Our local studies have addressed traffic management issues in most of the district centres in Greater Manchester. This work contributed to the success of numerous local schemes, including the bypasses of Eccles, Ashton and Radcliffe.

We also help the district authorities by assessing the likely traffic impacts of major development proposals. Examples include:

- Developments at/near Manchester Airport
- Major retail and other developments in Trafford Park
- Middlebrook Retail Park and Reebok Stadium
- Kingsway Business Park, Rochdale
- Retail, residential and commercial developments across Greater Manchester.



Our many clients value the quality and professionalism of our work, and they continue to seek our involvement in a range of projects, resulting in an expanding and challenging workload.

Contacts for our Transport Planning Services are:

Tony Mellor	(Group Leader) 0161 455 2054 / t.mellor@manchester.gov.uk
David Affleck	(Team Leader) 0161 455 2073 / d.affleck@manchester.gov.uk
David Nixon	(Team Leader) 0161 455 2057 / d.nixon@manchester.gov.uk

GREATER MANCHESTER TRANSPORTATION UNIT

Transport Systems Services



GMTU supports the work of the Unit and its clients by providing a comprehensive service of computer systems development and maintenance. This covers three main areas.

Hardware and Software Support

We have several UNIX and Linux servers, with backup devices, serving over 60 PCs. These are linked by Ethernet and to Manchester City Council's network. A bank of modems and a terminal server allow Districts and other clients access to the our servers and databases.



Software Development

We provide software consultancy and development services to the Unit and other clients through our GMSoftware 'brand'. The principal focus is on the development of systems to capture, validate, store and interrogate transport-related data. The main development platforms are Microsoft Office applications and MapInfo (a geographical information system). In the medium term we will replace these by the .NET framework. Our systems include:

- GMAXI – validates and stores road traffic accident data and provides a map-based system to interrogate the data
- GMCOUNTS – provides a map-based system to display and analyse traffic count
- GMTIMES – validates and stores journey time data and provides a map-based system to analyse the data



We also develop and maintain UNIX-based FORTRAN programs to support the work of the Unit.

Strategic Modelling Support

We support our Transport Planning Services through the development and maintenance of:

- the Greater Manchester Network Information System, which is used to build highway networks for the GM SATURN Model
- networks and trip matrices for 'standard' forecast years
- systems to process travel survey information and undertake model validation
- systems to interface with the Unit's models (START/DELTA, TRIPS, SATURN and PARAMICS)



Contacts for our Transport Systems Services are:

Barry Weston (Group Leader)
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Ian Hull (Team Leader, Systems)
0161 455 2059/i.hull@manchester.gov.uk

Tony Morris (Team Leader, Model Development)
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GREATER MANCHESTER TRANSPORTATION UNIT

Joint Road Safety Team



The Greater Manchester Joint Road Safety Team provides a lead to all ten Greater Manchester Districts, the Greater Manchester Police, the Highways Agency, other countywide stakeholders and the Greater Manchester Joint Transport Team on all matters concerning the development, implementation and co-ordination of the Greater Manchester Road Safety Strategy.

The team is responsible for the development and implementation of strategies to ensure delivery of the Greater Manchester LTP road safety targets.

The team has a specific remit in the following areas of countywide work:

- The Management and operation of the Greater Manchester Casualty Reduction Partnership
- Overseeing the work of the safety camera operations
- Coordinating the Greater Manchester Speed Limit Review and the development of a Greater Manchester Speed Management Strategy.
- The development and implementation of a Greater Manchester Communications, Publicity & Marketing Strategy.
- The management and operation of the Greater Manchester Driver Improvement Scheme.
- The monitoring of the LTP Road Safety Delivery Plan
- Taking the strategic lead in the preparation of Greater Manchester bids for future government grants for road safety projects.
- The management of specific countywide road safety projects funded by the Department for Transport and other organisations.

Contacts for our Greater Manchester Joint Road Safety Team are:

Josie Wride	Group Leader - 0161 455 2102 j.wride@manchester.gov.uk
Sarah Mee	Project Officer – 0161 455 2105 s.mee@manchester.gov.uk
David Maloney	Project Officer – 0161 455 2138 d.maloney@manchester.gov.uk
Karen Delaney	Communications Officer – 0161 455 2100 k.delaney@manchester.gov.uk
Lee Davies	Manager - Greater Manchester Driver Improvement Scheme 0161 234 1151/ l.davies2@manchester.gov.uk.

