

GREATER MANCHESTER INTEGRATED TRANSPORT AUTHORITY**REPORT FOR INFORMATION****COMMITTEE:** Bus Network and GMPTE Services**DATE:** 6th August 2010**SUBJECT:** Bus Shelter Update**REPORT OF:** Bus/Rail Director, GMPTE**PURPOSE OF REPORT**

To update the Committee on the provision of passenger shelters throughout Greater Manchester, and provide an update in respect of associated issues.

RECOMMENDATIONS

The Committee is recommended to note:-

1. the contents of this report in respect to the number of bus shelters provided throughout Greater Manchester and other initiatives;
2. progress made in obtaining electrical connections and the installation of solar power systems.

BACKGROUND DOCUMENTS

Report to Bus Network and GMPTE Services Committee – 12 March 2010
13 November 2009

CONTACT OFFICERS

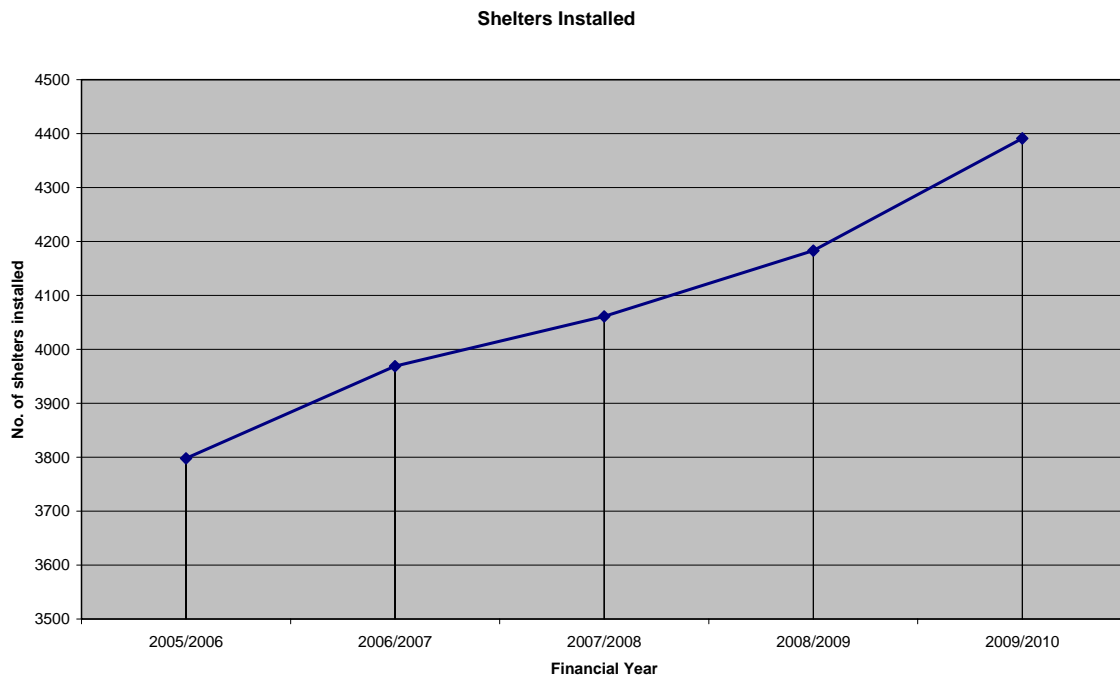
| | | |
|-----------------|---------------|-------------------------------|
| Michael Renshaw | 0161 244 1026 | michael.renshaw@gmppte.gov.uk |
| Howard Hartley | 0161 244 1660 | howard.hartley@gmppte.gov.uk |
| Mark Robinson | 0161 244 1670 | mark.robinson@gmppte.gov.uk |

1. Executive Summary

- 1.1 Currently 4,399 shelters are provided at 11,796 bus stops in use throughout Greater Manchester. It is considered that through delivery of the shelter programme, shelters have now been provided at the vast majority of popular stops across the conurbation and emphasis is now placed on maintaining current levels.

2. Introduction

- 2.1 Over the past six years significant amount of funds have been invested to increase the number of bus shelters provided throughout Greater Manchester and improve passenger-waiting facilities on the general bus network. As identified below, in 2005/06 the number of shelters provided was 3798 and by the end of the financial year 2009/10, the number of shelters installed had increased to 4391.



- 2.2 As the number of shelters have increased, it is essential that contracts are available for the provision of new shelters and to address ongoing maintenance requirements. The purpose of this report is to update Members of the Committee on the current provision of passenger shelters throughout Greater Manchester, and provide an update in respect of associated issues.

3. Provision of Bus Shelters

- 3.1 GMPTE have contracts in place with JC Decaux (JCD) and Queensbury for the provision of bus shelters. The contract with JCD is for the supply, maintenance and cleaning of advertising shelters throughout Greater

Manchester. A separate contract has been established with Queensbury for the supply and installation of PTE owned non advertisement shelters.

3.2 Currently 4,399 shelters are provided at 11,796 bus stops in use throughout Greater Manchester ensuring that 37.3% of stops are provided with shelters, against GMITA/PTE's business and performance plan target of 36%. Of these, 3597 are provided through contract with JC Decaux, whilst the remaining 802 are GMPTE owned shelters, comprising 458 at QBC locations and 344 throughout the general network.

3.3 A breakdown of the shelters installed per district is as follows:

| | <u>Bus Stops/ District</u> | <u>PTE</u> | <u>JCD</u> |
|------------|--------------------------------|------------|-------------|
| Bolton | 1345 | 49 | 317 |
| Bury | 867 | 39 | 243 |
| Manchester | 1998 | 187 | 869 |
| Oldham | 1051 | 67 | 288 |
| Rochdale | 1015 | 95 | 271 |
| Salford | 957 | 25 | 388 |
| Stockport | 1141 | 90 | 344 |
| Tameside | 1106 | 82 | 269 |
| Trafford | 878 | 78 | 284 |
| Wigan | <u>1438</u> | <u>90</u> | <u>324</u> |
| Totals | <u>11,796</u> | <u>802</u> | <u>3597</u> |

3.4 Although completion of GMITA's/PTE's shelter programme was achieved in March 2009, the Executive's Route Equipment function is continuing to receive, log and process requests for new shelters. Currently, 47 active requests are logged and at various stages of evaluation against an established process.

3.5 Trends over the past 12 months indicate that one in four requests achieve required criterion in respect of patronage levels, highway and GMP approval. Based upon the number of requests received to date, together with other ad hoc requests, such as section 106 planning requirements, highway improvement schemes etc, it is anticipated that over the course of this financial year a further 20 shelters will be provided throughout the general network. Funding provision has been included within the 2010/11 Minor Works Capital Programme to provide circa ten bus shelters. Requests received as part of 106 agreements, highway improvement schemes will be funded by third parties.

3.6 A further work stream that could also influence the general shelter provision, is the Metrolink Extension. GMPTE's Route Equipment Manager is currently undertaking an impact assessment to understand how each line extension interfaces with the bus network to identify

opportunities for enhancing passenger-waiting facilities at key interchange points.

- 3.7 In accordance with GMPTE's contract with JCD, all newly identified sites are in the first instance offered to JCD. Should JCD decline the site, a PTE owned shelter will be provided by GMPTE's approved contractor for the supply and installation of bus shelters throughout Greater Manchester.

4. Maintenance Obligations

- 4.1 To ensure that PTE owned shelters are efficiently and effectively maintained, contracts have been established for the undertaking of emergency/reactive repairs and scheduled cleaning works. Under the terms of the maintenance contract, the contractor is required to attend site within 48 hours. However, should the reported incident be categorised as representing a health and safety risk, then a response is required within two hours. With regard to the cleaning of shelters, each site is cleaned on a fortnightly basis, replicating the contractual obligation of JCD.
- 4.2 Repair response times are monitored through GMPTE's help desk. Data for the first three months of this financial year indicate that, on average, 92% of all calls were completed on time, against a target of 88%. In addition to this, the levels of shelter damage are closely monitored. If a shelter encounters high levels of vandalism, this is addressed by replacing the glazing with alternative materials such as reinforced plastic panels or clear polycarbonate sheets.
- 4.3 For the financial year to date 67 reports of damage have been recorded, incurring a maintenance liability of £10,910.00, which when compared to same period last year, identifies a reduction of circa 8%.
- 4.4 Glass breakages and damage reports to shelters are also monitored by JCD in respect of their shelters, who are reporting a reduction of 19% in comparison to the recorded figures for the previous year. It is considered that the reduction in the level of vandalism experienced to both PTE and JCD shelters is in the large part attributable to the introduction of the CCTV cameras/signage within shelters.
- 4.5 An integral part of planned maintenance undertaken to PTE shelters is the checking and replacement of lighting. Prior to implementing this years programme, work has been undertaken to identify alternative lights that are more efficient in respect of energy consumption. Significant advancements have been made in recent year in respect of LED technology and a LED light has been identified which is significantly more energy efficient and has an increased life span. Subsequently, when existing lights are replaced as part of the re-lamping schedule, LED lights are now being installed.

5.0 Permanent Electrical Supply to Bus shelters

- 5.1 Of the 3,597 JCD shelters provided, 3,324 are connected to a permanent supply, with a further 55 programmed with United Utilities over the next six months. However JCD have reported that 218 shelters will remain unconnected because no electrical supply is available in the vicinity or costs are excessive.
- 5.2 With regard to PTE owned shelters, 330 shelters are connected to a permanent electrical supply. Of the 472, which currently remain unconnected, 99 sites cannot be connected due to either logistical or financial reasons. To clear the backlog of connections, this committee at its meeting on 13th November 2009 approved that the majority of the £80k allocated in the minor works capital works programme for bus shelters, should be used for funding electrical connections. However, following a reduction of funds available through LTP, a review of all capital schemes was undertaken and it was agreed at a meeting of the Capital Projects Committee, on the 2nd July 2010, to reduce funds allocated for Bus Shelter budget to £40k. Subsequently a further report is to be submitted to the meeting of the GMITA Policy and Resources Committee on the 19th July to endorse these changes.
- 5.3 In light of the above, members are requested to note that 40 electrical connections are programmed to be undertaken this financial year and not 80 as previously indicated. A connection programme has been agreed with United Utilities to commence in August and a list of sites is detailed in Appendix A of this report. The average cost of a connection ranges from £632-£652, dependent upon proximity of nearest supply. The exception to this is shelter ref EH4155 located on Manchester Road, Tameside where the connection cost is circa £850.

6. Solar Power to Shelters

- 6.1 Over the past five years, solar power systems has been used at locations where electrical connections are not possible and by completion of the programme in September 2007, 52 PTE owned shelters had been fitted with solar panels.
- 6.2 To increase the number of PTE owned shelters fitted with solar systems, funding provision of £50k has been secured from the SEMMMS QBC (South East Manchester Multi Modal Strategy) 2010/11 programme budget, which will delivery solar systems to a further 21 shelters at locations where electrical connections cannot be made. Generally, shelters selected are of a three bay configuration and the cost of retrospectively fitting solar power units is £2,050 per location. (Site locations detailed in appendix B of this report). Officers are currently in discussion with the shelter contractor to agree a programme of works, however installation of the units will be completed by late September, prior to the onset of darker nights.

6.3 With regard to JCD commitment to use solar power systems, they have previously trialled a number of different systems but without any significant success. However, following significant advances in technology over the past two years, JCD are now undertaking trials of other systems and are programmed to install solar power kits at a further ten locations. This differs from the previous installations in that battery management / life is much more efficient, and illumination provided by the latest generation LED lights. A further 10 shelters will be fitted out with the new solar power units for further testing/evaluation.

7. Recommendations

7.1 A full set of recommendations appears at the front of this report.

Michael Renshaw
Bus and Rail Director

APPENDIX A

Proposed Bus Shelter Electrical Connections

| STOP REF | LOCATION | SIDE STREET | DISTRICT |
|----------|-------------------|---------------------|------------|
| WA0480 | Astley Rd | Blackburn Rd | Bolton |
| WA1389 | Tottington Road | Hulme Road | Bolton |
| WA1760 | Morris Green Lane | N/A | Bolton |
| WA1918 | Knowsley Street | Banks St | Bolton |
| SJ0199 | Village Way | Firth Av | Trafford |
| SJ0340 | Washway Road | Harboro Way | Trafford |
| SJ0362 | Manor Avenue | Plymouth Road | Trafford |
| SJ0435 | Ashton Lane | Church Lane | Trafford |
| NC0217 | Jubilee Way | N/A | Bury |
| NC0241 | Bury Old Road | N/A | Bury |
| NC2018 | Manchester Rd | Olivant St | Bury |
| NC2021 | Knowsley Street | Glenmore Street | Bury |
| NF4143 | Bury New Road | Opp Appian Way | Salford |
| NF4287 | Littleton Rd | White water drive | Salford |
| NF4290 | Littleton Rd | Oaklands Rd | Salford |
| WF4015 | Kenyon Way | Parkway | Salford |
| NE0316 | Rochdale Rd | N/A | Rochdale |
| NE0341 | Manchester Rd | N/A | Rochdale |
| NE0411 | Heap Brow | Bury Old Rd | Rochdale |
| NE0494 | Eastway | N/A | Rochdale |
| SG0544 | Gilbent Rd | Pingate Lane | Stockport |
| SG0553 | Ravenoak Rd | Ravenswood Court | Stockport |
| SG0608 | Bramhall Lane | church | Stockport |
| SG0683 | Jackson Lane | Dorchester Road | Stockport |
| EH3584 | Katherine Street | Bentnick St | Tameside |
| EH3655 | Manor Rd | Lewis Rd | Tameside |
| EH3897 | Dukinfield Road | Newton Street | Tameside |
| EH4155 | Manchester Road | Robert Street | Tameside |
| EB2757 | Barlow Rd | Broom Lane | Manchester |
| EB3235 | Oldham Rd | Thompson St | Manchester |
| EB3252 | Cross Lane | Gorton | Manchester |
| EB3276 | Old Church Street | Great Newton Street | Manchester |
| ED1727 | Rochdale Rd | Featerstall Rd | Oldham |
| ED2452 | Oldham Road | Heywood Street | Oldham |
| ED3059 | Huddersfield Rd | N/A | Oldham |
| ED3078 | Oldham Rd | Cooper St | Oldham |
| WK3111 | Tyldesley Road | Clarence St | Wigan |
| WK3276 | Lancaster Rd | Bridgewater St | Wigan |
| WK3539 | Twist Lane | Canal Street | Wigan |
| WK3553 | Kirkhall Lane | Gordon St | Wigan |

APPENDIX B

Proposed Solar Powered Bus Shelter Sites

| STOP REF | LOCATION | SIDE STREET | DISTRICT |
|-----------------|-----------------|--------------------|-----------------|
| EB0164 | Birchfields Rd | Birch Hall Lane | Manchester |
| EB0555 | Anson Rd | St Anslem Hall | Manchester |
| EB0774 | Wilmslow Rd | Great West St | Manchester |
| EB0780 | Wilmslow Rd | Grangethorpe Rd | Manchester |
| EB1399 | Hyde Rd | Tesco | Manchester |
| SB1396 | Upper Brook St | Upper Brook St | Manchester |
| SB1645 | Wilmslow Rd | Victoria Rd | Manchester |
| SB3362 | Wilmslow Rd | Withington Library | Manchester |
| SB3363 | Wilmslow Rd | Nat West Bank | Manchester |
| SB1491 | Wilmslow Rd | Brookhirst Hall | Manchester |
| EH1337 | Stockport Rd | Bluebell Centre | Tameside |
| EH1349 | Stockport Rd | Bluebell Centre | Tameside |
| EH3003 | Market St | The Clarendon | Tameside |
| EH4155 | Manchester Rd | Robert St | Tameside |
| EH4135 | Hyde Rd | Watson St | Tameside |
| SG0771 | Stockport Rd | Farmers Arms | Stockport |
| SG0809 | Edgeley Rd | Bordon Rd | Stockport |
| SG0845 | Spring Gardens | St Mary's Way | Stockport |
| SG0879 | New Bridge Lane | Aldi | Stockport |
| SG1039 | Gorton Rd | Bulls Head | Stockport |
| SG1373 | Marple Rd | Lisborne Lane | Stockport |