

APPENDIX 2 - Air Quality Action Plan (in association with the Local Transport Plan)

DETAILS	Responsibility	Impact on AQ	Targets By Date	Cost **	Other Impacts
NETWORK MANAGEMENT (NM)					
Urban traffic control (NM) Details Updating and extending the current UTC* system					
Urban traffic control (NM) Details Updating and extending the current UTC* system	Stephen Brown	High	2010 onwards	£150,000	
Windsor & Eton Relief Road/ Clarence Road Junction (WERR)					
Windsor – part of the Windsor Relief Road scheme (see entry above & WERR scheme (below))	Stephen Brown	High	See below	See below	Windsor – part of the Windsor Relief Road scheme (see entry above & WERR scheme (below))
Junction Improvements (NM) Details: Modifying the layout of junctions experiencing chronic congestion					
Ongoing feasibility in progress at key roundabouts and junctions in Maidenhead and Windsor.	RBWM: ES Stephen Brown	High	2010 and ongoing	£ 40,000	Reduced road traffic congestion
Windsor & Eton Relief Road, Clarence Road junction improvement scheme in association with DfT, Highways Agency. Maintenance and improvements including traffic studies, traffic light (UTC replacement), reduce congestion and traffic routes.	RBWM: CS	High	2010 - 2012	Circa. £2m dependant upon scope of project (ext. funded)	Health and air quality benefits and reduced congestion at peak hours
Windsor Parking and Transport Strategy: Car parking includes - Home Park car park extension; East Berks. College (extended public use); weekend public use of King Edward VII Hospital car park; improved accessibility at Windsor Dials ; new park and ride schemes from Centrica and Windsor Racecourse; enhancement of the existing park and ride at Legoland and improved travel information	Stephen Brown/Ben Smith	High	2009-2012	Circa. £2.5m (externally funded)	Reduced road traffic congestion by reducing circulating traffic
Bus priority at traffic lights	Ben Smith	Low	2010 - 2011	£ 25,000	
Bray/M4/A308 Junction Improvements: To improve traffic flow, reduce congestion and improve air quality. Any remaining problems will result from M4 traffic – Highways Agency (HA). Dialogue to be enhanced with HA & SEERA re resolutions proposed.					
Annual programme of junction improvements to reduce congestion	RBWM:	Med	2009 - 2011	Circa.	Improved safety

* Urban Traffic Control

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	Environment Directorate			£ 40,000 per annum	for road users
Maidenhead Town Centre					
Review of traffic in Maidenhead town centre with particular reference to Grenfell Road junctions and along A4 throughout the length to Castle Hill.	Initiator: Philip Turner with LTP Project Group & Maidenhead Area Action Plan working group	Potentially high	Commencing Spring 2009	Costs to be determined as PROM project develops	Wide environmental benefits, reduced congestion, traffic flow improvements & wider health & environmental benefits
AIR QUALITY MONITORING					
Air Quality monitoring stations (Real-time)					
<u>Maintain and attain data from 2 stations established in 2005</u>					
	Feliciano Cirimele	N/A air quality information acquisition	Ongoing	£8,000	N/A
<u>Install and attain data from 2 new stations to be installed summer 2009 funded by DEFRA air quality grant</u>					
	Feliciano Cirimele	N/A air quality information acquisition	Ongoing	In contract price, DEFRA funded	N/A
<u>Sampling diffusion tubes to monitor NO₂</u>					
<u>Continue & extend as necessary diffusion tube network to provide finer distribution of data throughout the Borough. This network supplements the data from the real-time analysers – a low-cost option for additional data acquisition</u>					
	Feliciano Cirimele	N/A air quality information acquisition	Ongoing	£2,000	N/A
<u>Monitoring Fine particles (PM₁₀)</u>					
To date no monitoring of PM ₁₀ has been undertaken within the borough. Recent assessments (post 2000) have identified no problems from particulates despite increased use of diesel powered road vehicles.	EPU, IC, ENTEC Feliciano Cirimele	N/A	Not currently necessary	n/a	none

** All funding is either within current budgets or is externally funded.