



Cheshire West
and Chester

Appendix 6

LSTF 15/16 Revenue Competition - Schemes Impact Pro-Forma

For cycling/walking elements of your bid, please provide the following data - if available			
Input data	Without Scheme	With Scheme	Reference to supporting information (e.g. section of Economic Assessment Report).
Description of infrastructure/facilities	From On road cycle routes to Off Road segregated cycle routes, enhanced marketing & promotion		
Route length (km)	5.0	5.0	Based on average length of corridor cycle routes
Average trip length (km)	5	5	Based on the full county, however 11km was assumed for cycle journeys between Chester City Centre and the university campus
Average cycling speed (kph)	13	13	Consultants Estimate (No local data)
Number of users (per day)	4,284	6845	Assumed for all cycling initiatives, including cycle routes, parking, marketing & promotion, travel planning
Percentage of additional users that would have driven a car otherwise.	N.A.	58%	Consultants estimate

If you are expecting your project to reduce car travel, please provide the following information			
Input data	Without Scheme	With Scheme	Reference to supporting information (e.g. section of Economic Assessment Report).
Traffic levels (Vehicle km) in the affected area	2,189,280	2,181,637	per day - Based on 2011 Census data, average car km of 10km. With scheme assumptions based on estimation of new users and that 58% have transferred from car Veh hours per day In the absence of local available data, we have assumed average speeds of 30mph.
Traffic levels (Vehicle hours) in the affected area	29190	29,088	
Average Speed in the Morning Peak	30mph	30mph	
Mode share (in person trips)			base on Census Journey to work data 2011 (excluding those who do not travel), changes overall changes are small, hence minor impact on overall person mode share
Car Driver	74%	74%	
Car Passenger	6%	6%	
Bus passenger	4%	4%	
Rail Passenger	2%	2%	
Cyclist	3%	3%	
Walking	11%	11%	

For Bus elements of your bid please fill in the following table			
Input data	Without Scheme	With Scheme	Reference to supporting information (e.g. section of Economic Assessment Report).
Annual number of passenger trips	114,613	164,520	Based on assumed number of bus trips for 1200 students and 50 staff, 35% mode share, of which 50% use the corridor, two way journeys for 173 term days per year
Average trip distance (km)	21	13	Based on existing bus timetable information. Existing journey requires an interchange
Average wait time (mins)	10mins (1st Leg) + 30mins (2nd leg)	60	Based on existing bus timetable information. Existing journey requires an interchange
Average fare per trip (£)	2.5	0	Shuttle Bus is assumed to be free
Average in-vehicle time (mins)	56	37	Based on existing bus timetable information. Existing journey requires an interchange
Description of your intervention	The introduction of a new subsidised shuttle bus connecting Chester City Centre and the new university campus at Thornton (near Elton)		