

CAMBRIDGE SPORT LAKES TRUST

ASSESSMENT OF TRAVEL DEMAND FOR A LARGE SPECIAL EVENT (ROWING).

Assumptions:

1. An international rowing competition has been chosen to represent the typical activity associated with a large sized event. Such an event usually occurs once every three years.
2. The assumptions made in terms of the arrival and departure of competitors, spectators and marshals/officials has been based on information obtained from the Dirney Rowing Lake at Eton, Berkshire and review of data from Holme Pierpont at Nottingham.
3. These events typically occur usually at weekends and at off peak periods in terms of highway and traffic conditions.
4. It is intended that large sized events will be controlled in the same way with a travel plan framework. Advanced planning will be handled by the Trust in conjunction with a transportation management committee consisting of the following members.
 - CSL property manager
 - CSL Transportation Coordinator
 - CCC Traffic Manager or designee
 - SCDC Representative
 - A representative from each of the local parishes of Waterbeach, Milton, Landbeach and Horningsea
 - Others may be called upon as may be required for event planning purposes.
5. The event will require parking on site (450 vehicles) and off site using up to three Park n Ride sites (1540) plus a supplemental parking space for buses and mini vans (60) such as a site in North Waterbeach.
6. The number of competitors starting the event at any time is dictated by health and safety initiatives which restrict the number of people rowing at any time to 45 per race with a total of 180 competitors per hour. .

7. People numbers are estimated as follows. There will be a reduction in the number of competitors on the second day as they are eliminated from the competition.

Attendee	Number of People	Arrival/departure pattern	Mode of travel /modal split
Competitors/Officials	2880	In estimated 6 waves of 400 plus competitors:	Cars, with average car occupancy of 2 persons= 1440 cars Minivans, with average occupancy of 9 persons = 30 Buses, with average occupancy of 27persons = 30 By Railway = 320 persons
Spectators	2200	Arrive at start and leave at various points during the day.	50% by car at average 2.0 occupancy = 550 20% walk/cycle = 440 30% bus/train = 660

7. The resultant number of vehicles entering and leaving the sites on an hourly basis is therefore estimated as follows for the two day period::

Saturday Event VEHICLES Time	Cambridge Sport Lakes Competitors/Marshals Disabled		Park and Ride Sites (3)		Satellite Bus/Minivan Parking		TOTAL ALL SITES	
	arrive	depart	arrive	depart	arrive	depart	arrive	depart
	0600-0700	110				20		230
0700-0800	110				20		330	
0800-0900	100		300		20		320	
0900-1000	60		300				260	
1000-1100	30		300				230	
1100-1200			200				200	
1200-1300	40		300	50			340	50
1300-1400			140	90			140	90
1400-1500				100				100
1500-1600		30		100				130
1600-1700		30		300				330
1700-1800		80		300		20		400
1800-1900		135		300		20		455
1900-2000		125		300		20		445
TOTAL VEHICLES	450	450	1540	1540	60	60	2050	2050

Sunday Event VEHICLES Time	Cambridge Sport Lakes Competitors/Marshals Disabled		Park and Ride Sites (3)		Satellite Bus/Minivan Parking		TOTAL ALL SITES	
	arrive	depart	arrive	depart	arrive	depart	arrive	depart
	0600-0700	110				20		230
0700-0800	110				20		330	
0800-0900	100				20		320	
0900-1000	60		200				260	
1000-1100	30		200				230	
1100-1200			200				200	
1200-1300	40		300				340	
1300-1400			140	50			140	50
1400-1500				90				90
1500-1600		30		300				330
1600-1700		30		300				330
1700-1800		80		300		20		380
1800-1900		135				20		155
1900-2000		125				20		145
TOTAL	450	450	1040	1040	60	60	1550	1550