

Project:	Stoke Streetcar
Client:	City of Stoke
Location:	Stoke / North Staffordshire
Role:	Development of Bus Rapid Transit Proposals for North Staffordshire

On behalf of the City of Stoke and Staffordshire County Council, Crowd Dynamics has developed proposals for bus rapid transit in the North Staffordshire Conurbation, entitled 'Streetcar'.

The proposals have been successful in that they are now included in the government's West Midlands regional transport programme.

Crowd Dynamics acted as technical advisors to a working group, which included the main bus operator in the city to determine nature of the system, optimum routes for the transit, its likely patronage, and operating costs.

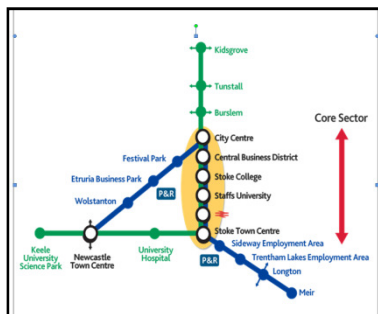


Streetcar Vehicle



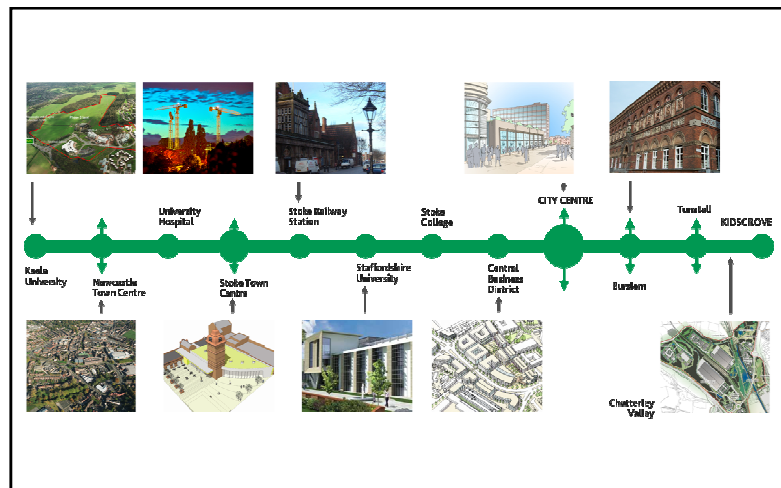
High Quality Bus Halts (example from Eugene, Colorado)

The Green Line route linking both universities, city centre, rail station and four of the 'six towns' has been adopted as the preferred route for Phase 1. This would require 14 vehicles to operate a 10 minute frequency service.



Strategic Routes

Determination of realistic operational speeds was a key item. Bus priority measures at key intersections were analysed in detail, in particular at the A500 interchanges along the line to identify potential time savings vis-a-vis additional congestion.



Greenline Route