

Project Evaluation – Bedford

Update for the LGF Programme Management Board



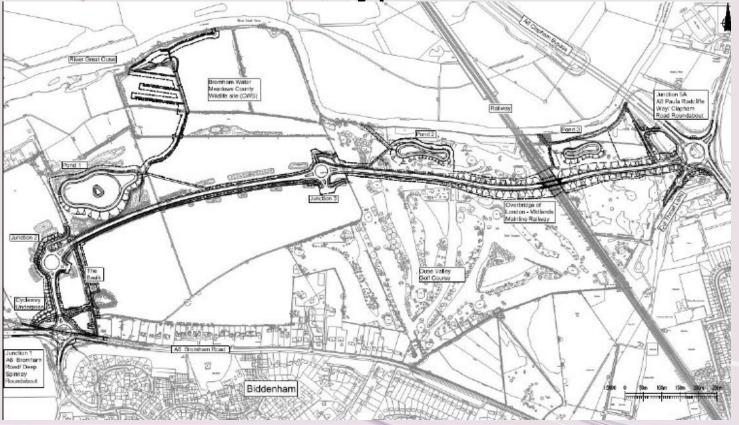
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Which scheme is being monitored?

Bedford Western Bypass Northern Section





Which scheme is being monitored?

- A new single carriageway road to:
 - Complete the Bedford Western Bypass
 - Reduce congestion in the town centre
 - Enable delivery of a Mixed Development of:
 - 1,300 houses
 - 1,000 jobs
 - Primary School
 - Country Park



Which scheme is being monitored?

- Monitoring and Evaluation Plan for Transport elements prepared September 2016
 - Construction
 - Traffic congestion
- Housing completions monitored as part of existing process
- Employment impact monitored as part of existing processes



Did the intervention work?

- Construction
 - A contract was awarded in October 2014
 - Works substantially complete April 2016 six months ahead of schedule
 - Costs came in slightly under budget
- Traffic Congestion
 - Bypass flow15,000 vpd at opening, 16,000 now
 - Town centre monitoring has proved more difficult



Did the intervention work?

Housing

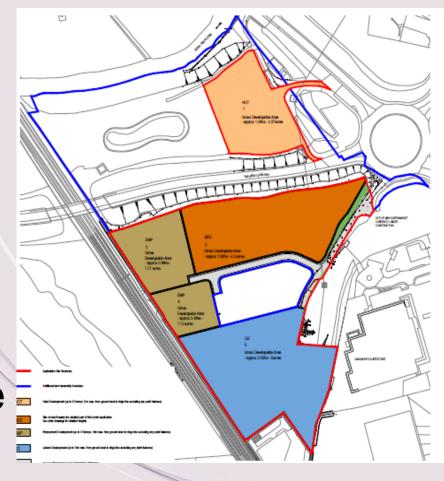
- RM approval for 706 houses granted
 - November 2015 (203 in Queens Park)
 - March 2016 (503 in Biddenham)
- Outline Permission granted for a further 594 houses (Wingfield Land)
- Current proposals for this to increase to 826



Did the intervention work?

Employment

- Fairhill sites 403 jobs
- Aldi 50 jobs
- Biddenham North local centre – c. 350 jobs
- Sites further afield have been permitted because network capacity higher





What was the size of the impact?



- Bypass complete as first proposed in 1952
- Housing and Employment developments facilitated
- Traffic Congestion alleviated in town



Unexpected outputs / outcomes?

Traffic

 Transporting Bedford 2020 approved postscheme: BWB benefits overtaken

Housing

- 200-250 additional houses directly linked
- Also enabled additional sites able to be allocated for housing in Local Plan 2030 at Gold Lane and Beverley Crescent

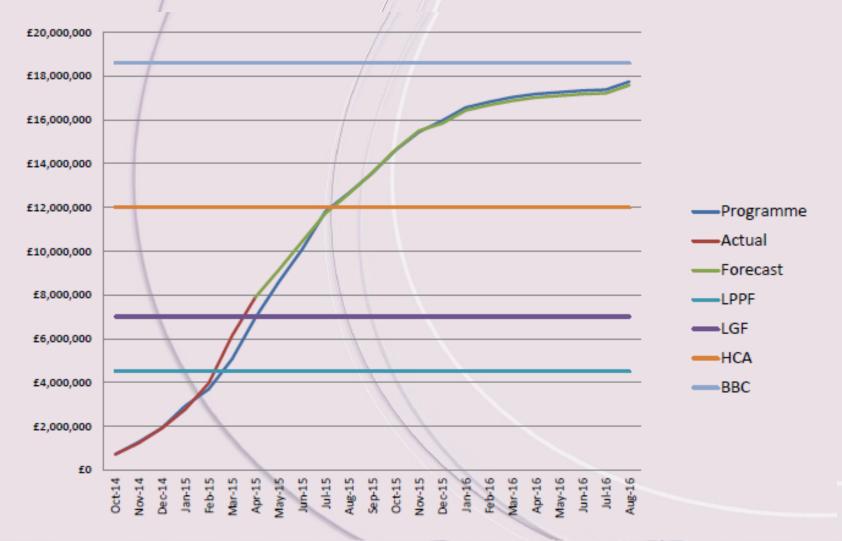


What was the cost to deliver the benefits?

- Four funding partners
 - HCA
 - DfT
 - SEMLEP
 - BBC
- LGF contribution was £2.5M
- Main works contract was around £15.5M
- Total budget was around £18.5M



What was the cost to deliver the benefits?





What can we learn for the future?

Design **Improvements** and test via modelling

Traffic model **Shows Expected** Level of improvement

Traffic conditions improve

Growth Potential unlocked















Output:



Outcome



Indirect Outcome:



Baseline Journey time Surveys (all modes)

Construct Road Improvement works

Road Improvement Works completed

Journey Times Improve & Stabilise

Economic upturn



How will monitoring continue?

- BWB monitoring will continue as planned
- Housing and Employment monitoring will continue as it has to date
- Transport monitoring overtaken by the TB2020 project – BWB benefits mixed in to overall improvements



How will monitoring continue?

- TB2020 monitoring will learn from what has happened with BWB
- Better planned, more detailed
- Outcomes unlikely to be realised until some time after project completion
- Simplified Outputs established
 - track progress through the delivery
 - and in the early years