

# Transporting Bedford 2020

Brian Hayward  
Project Manager

# What is Transporting Bedford 2020?

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- Funding starts Spring 2018, continues to 2021

Three distinct themes within a package of measures aimed at going a long way to solving congestion, transforming how people can travel around town and improving the town centre.

Three themes are:-

- A number of Pinchpoint schemes to reduce congestion at key locations
- Wide-ranging technology improvements in traffic signal control, functionality and capability
- Public realm improvements focussing on High Street & St Pauls Square.

# Brief summary of Timeline

2014 – Traffic Study Commissioned – focuses on town centre with a view to bidding for major infrastructure works – possibly Batts Ford Bridge

2015 – Traffic study report

2016 – Funding awarded for Ampthill Road Corridor

2017 – Revised business case submitted to SEMLEP for multi faceted scheme

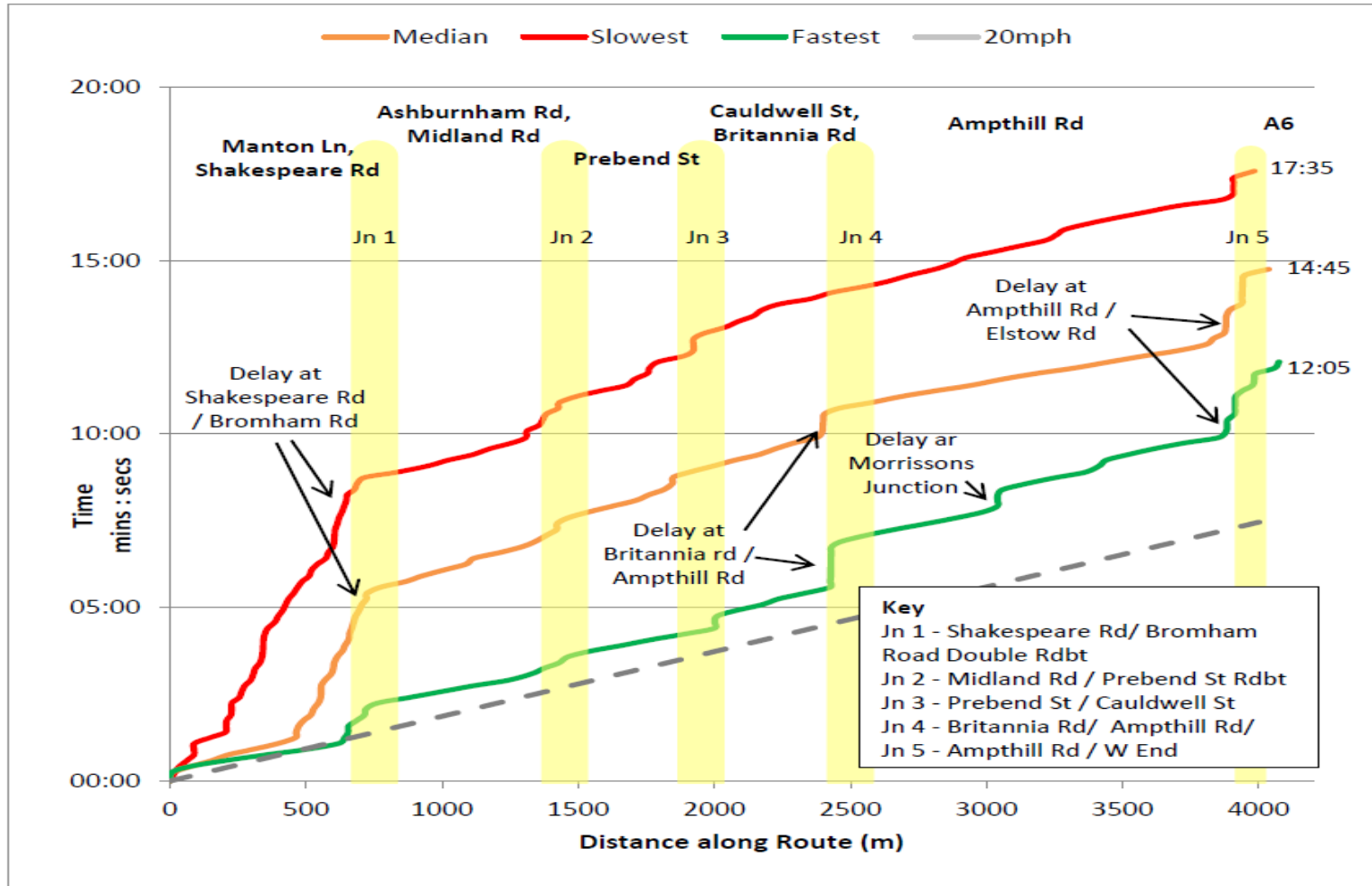
2017 (November) SEMLEP approval given

2017 (November) Funding awarded by DfT for scheme at Manton Lane

2018 – 2021 Funding period for all works comprising ‘Transporting Bedford 2020’

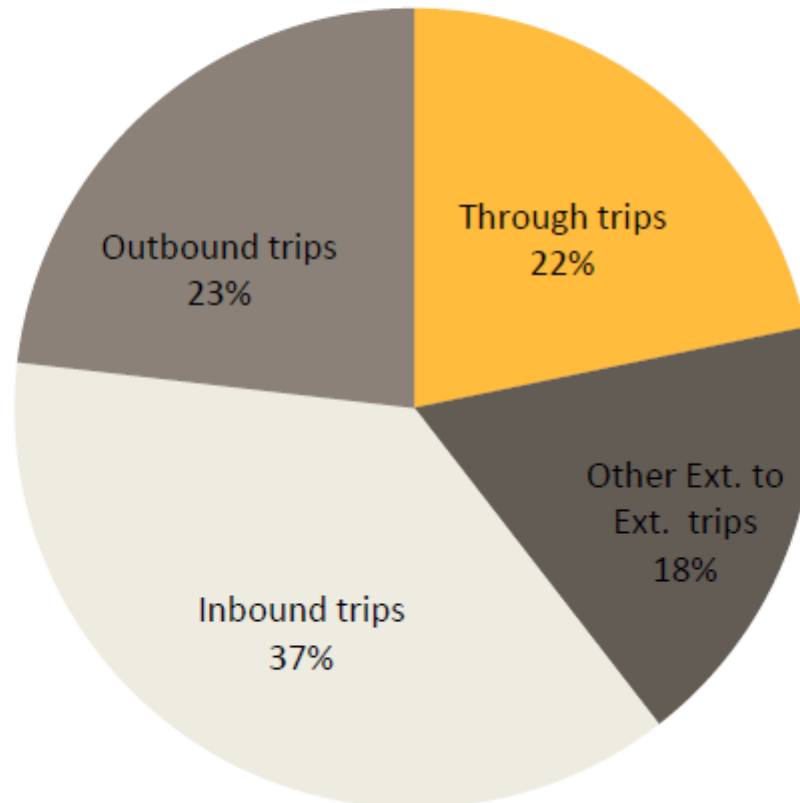
# Traffic Study

**Figure A11 Route 2 Southbound AM Details**

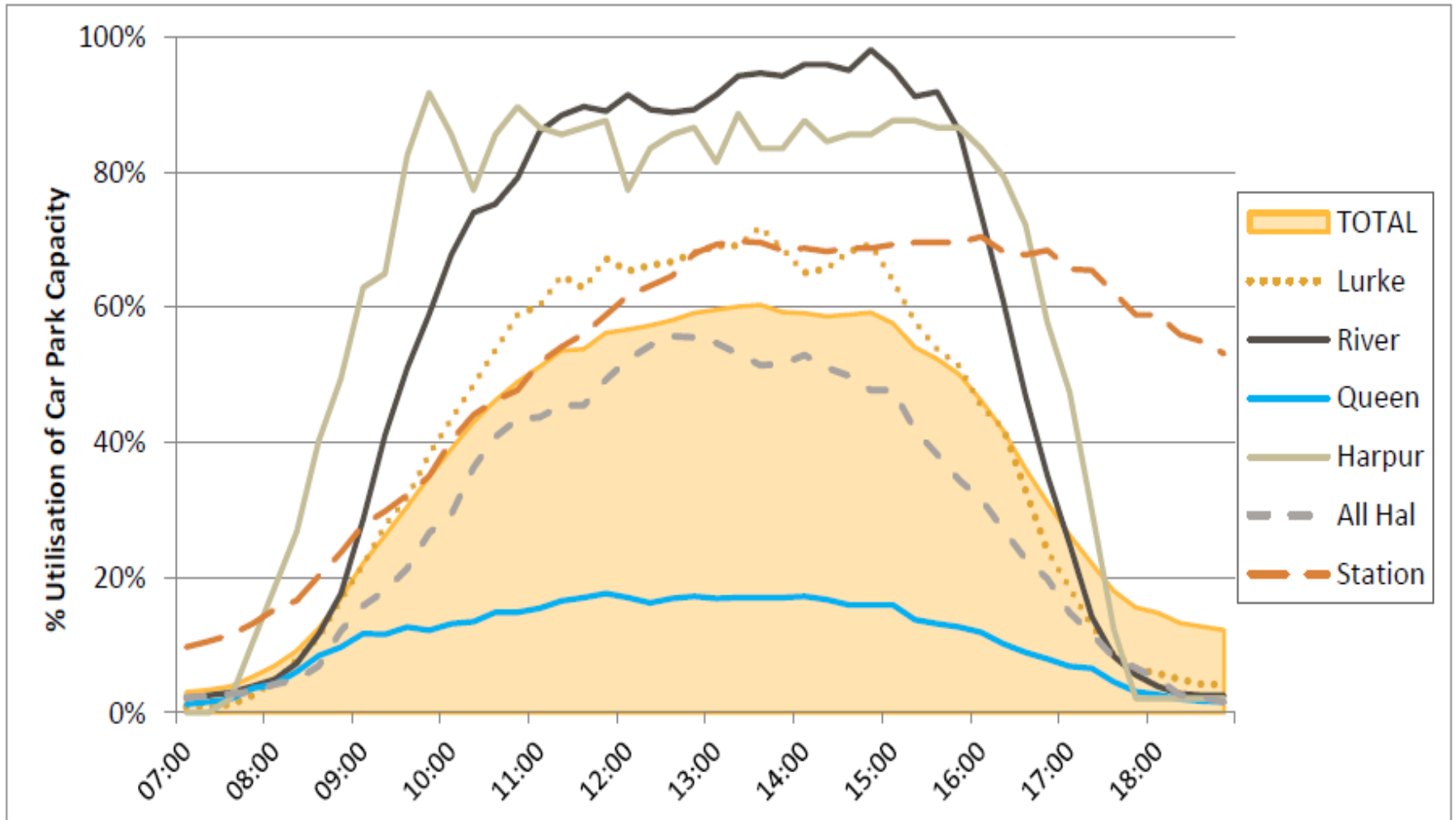


**Figure 3.17 Breakdown of actual vehicle trips entering or exiting the external cordon area (AM Peak Hour)**

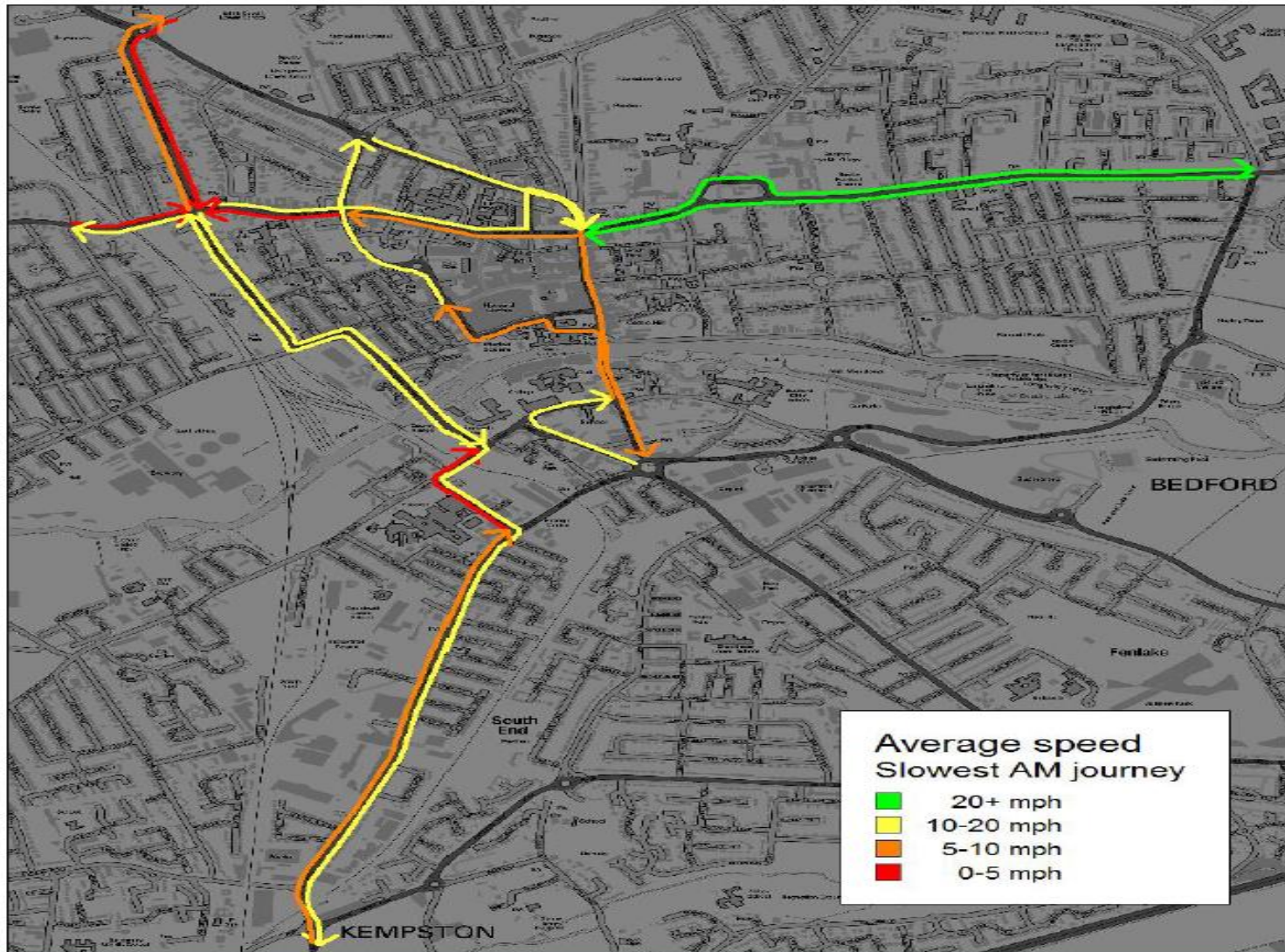
**Breakdown of Vehicle Trips into and out from Bedford**  
(total vehicle trips = 10,250)

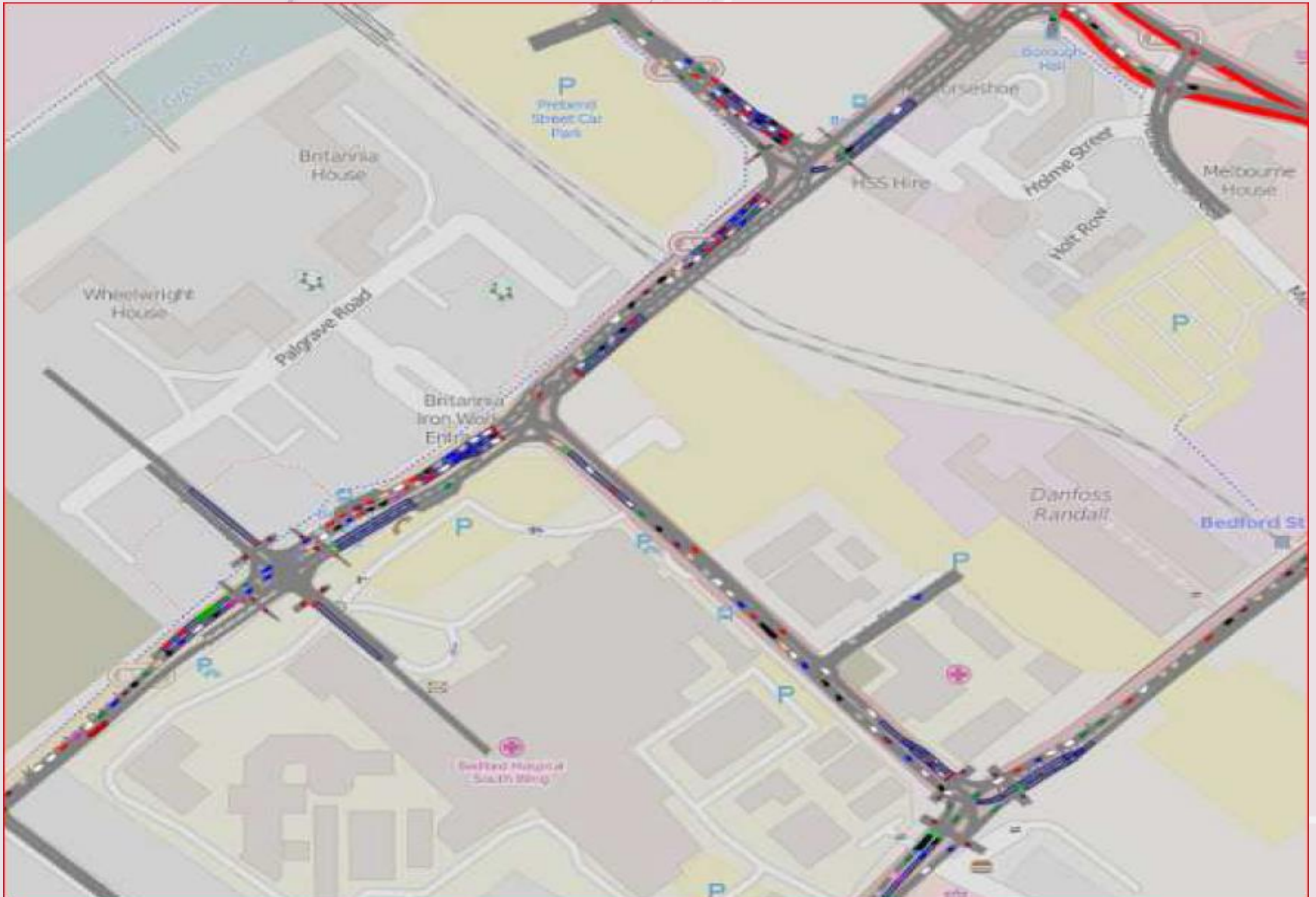


**Figure 4.3 Car Park Capacity Utilisation (Saturday)**



**Figure 5.14 Slowest Recorded Speeds during the AM Period**







**213 Schemes**

		1	Acceptable	Net benefits	Net benefits	Innovative	No legislation requires	Positive Impact		
		0	Neutral	Neutral	Neutral	Standard	requires legal approval	Neutral Impact		
		-1	Potentially problematic	Net disbenefit	Net disbenefit	Unproven/Out-dated	New legislation	Negative Impact		
Ref	Scheme Description	weight	1	1	1	1	1	1	3	
			Political	Economic	Social	Technological	Legal	Environmental		RANKING
<b>28</b>	<b>Highways</b>									
H1	Revise town centre one-way system	-1	0	1	0	0	1	1	1	1
H2	Revise Kingsway one-way system	-1	0	1	0	0	1	1	1	1
H3	Reduce traffic lanes on High Street	0	0	0	0	1	1	1	2	2
H4	Reduce traffic lanes around St. Paul's Square	0	0	0	0	0	0	0	0	0
H5	Reduce traffic lanes over Town Bridge	0	0	0	0	0	0	0	0	0
H6	Revise traffic arrangements in Horne Lane	0	0	0	0	0	0	0	0	0
H7	Revise traffic arrangements in Mill Street	0	0	0	0	0	0	0	0	0
H8	Re-introduce two-way traffic on River Street	0	0	0	0	0	0	-1	-1	-1
H9	Re-introduce two-way traffic on High Street	0	0	-1	0	0	0	-1	-1	Fail
H10	Re-introduce two-way traffic on High Street north of Mill Street	0	0	-1	0	0	0	-1	-1	Fail
H11	High Street/St. Paul's Square Junction Improvement	0	0	1	0	0	0	0	1	1
H12	Clapham Road/Shakespeare Road Junction Improvement	1	0	1	0	0	1	1	3	3
H13	Bromham Road/Ashburnham Road Junction Improvement	1	0	1	0	0	1	1	3	3
H14	Prebend Street/Midland Road Junction Improvement	1	1	1	0	0	1	1	4	4
H15	Prebend Street/Cauldwell Street Junction Improvement	1	0	1	0	0	1	1	3	3
H16	Cauldwell Street/Britannia Road Junction Improvement	1	0	1	0	0	1	1	3	3
H17	Amphill Road/Britannia Road Junction Improvement	1	0	1	0	0	1	1	3	3
H18	St. John's Street/London Road Junction Improvement	1	0	1	0	0	1	1	3	3
H19	Amphill Road/Elstow Road Junction Improvement	1	0	1	0	0	1	1	3	3
H20	Longholme Way/Rope Walk Junction Improvement	1	0	0	0	0	0	0	1	1
H21	Goldington Road/Kimbolton Road Junction Improvement	1	0	0	0	0	0	0	1	1
H22	Extended 20mph zone around the town centre	-1	0	1	0	0	1	1	1	1
H23	Batts Ford River Crossing	1	1	1	0	0	0	0	3	3
H24	West Bedford River Crossing	0	0	0	0	0	0	0	0	0
H25	Prebend Street link road	1	1	1	0	1	1	1	5	5
H26	Midland road (West) Eastbound one-way scheme	-1	0	0	0	0	0	0	-1	-1
H27	Variable Message Signs	0	-1	1	1	0	1	1	2	2
H28	Introduce Urban Traffic Management Centre	0	-1	0	1	1	1	0	1	1

WS13	Provide parking guidance system	0	0	0	1	1	0	2
WS14	Provide driver feedback signage to improve safety and driver behaviour	0	0	1	1	0	1	3
<b>20 Sustainable Travel Planning</b>								
STP1	Workplace travel plans	0	0	0	0	1	1	2
STP2	School travel plans	0	0	1	0	1	1	3
STP3	Higher education travel plans	0	0	0	0	1	1	2
STP4	Residential travel plans	-1	0	1	0	1	1	2
STP5	Personalised travel plans	-1	0	1	0	1	1	2
STP6	Station travel plans	0	0	0	0	1	1	2
STP7	Walking & cycling promotional campaigns	0	0	1	0	1	1	3
STP8	Road safety education and cycle training	0	0	1	0	1	0	2
STP9	Provide active travel and public transport information	0	0	1	0	1	1	3
STP10	Sustainable travel events	0	0	0	0	1	1	2
STP11	Cycle training schemes	0	0	1	0	1	1	3
STP12	Eco-driving training	-1	0	0	0	1	1	1
STP13	Bus driver eco-driving training	0	0	0	0	1	1	2
STP14	Restrict bus idling in town centre to reduce pollution	0	0	0	0	1	1	2
STP15	Investigate opportunities for a car club scheme	0	0	1	0	1	1	3
STP16	Promote car sharing / car pooling schemes	0	0	1	0	1	1	3
STP17	Consider opportunities for High Occupancy Vehicle lanes	-1	0	0	0	-1	1	Fail
STP18	Promote electric and hybrid cars	1	0	1	1	1	1	5
STP19	Consider further 20mph zones in residential areas and around schools	1	0	1	0	1	1	4
STP20	Support installation of electric vehicle charging points as part of development	0	0	1	1	0	1	3
<b>3 Charging and payment systems</b>								
C&P1	Cashless payment system	0	1	0	1	0	1	3
C&P2	Congestion charging	-1	1	-1	0	0	1	Fail
C&P3	Toll roads	-1	1	-1	0	0	1	Fail
<b>5 Road Safty</b>								
RS1	Predbend Street / Midland Road Junction	1	0	1	0	1	0	3
RS2	Kinsway Gyratory / Rope Walk / Amphill Road Roundabout	1	0	1	0	1	0	3
RS3	Amphill Road (Hospital)	1	0	1	0	1	0	3
RS4	Amphill Road (South)	1	0	1	0	1	0	3
RS5	Fore End Road	1	0	1	0	1	0	3

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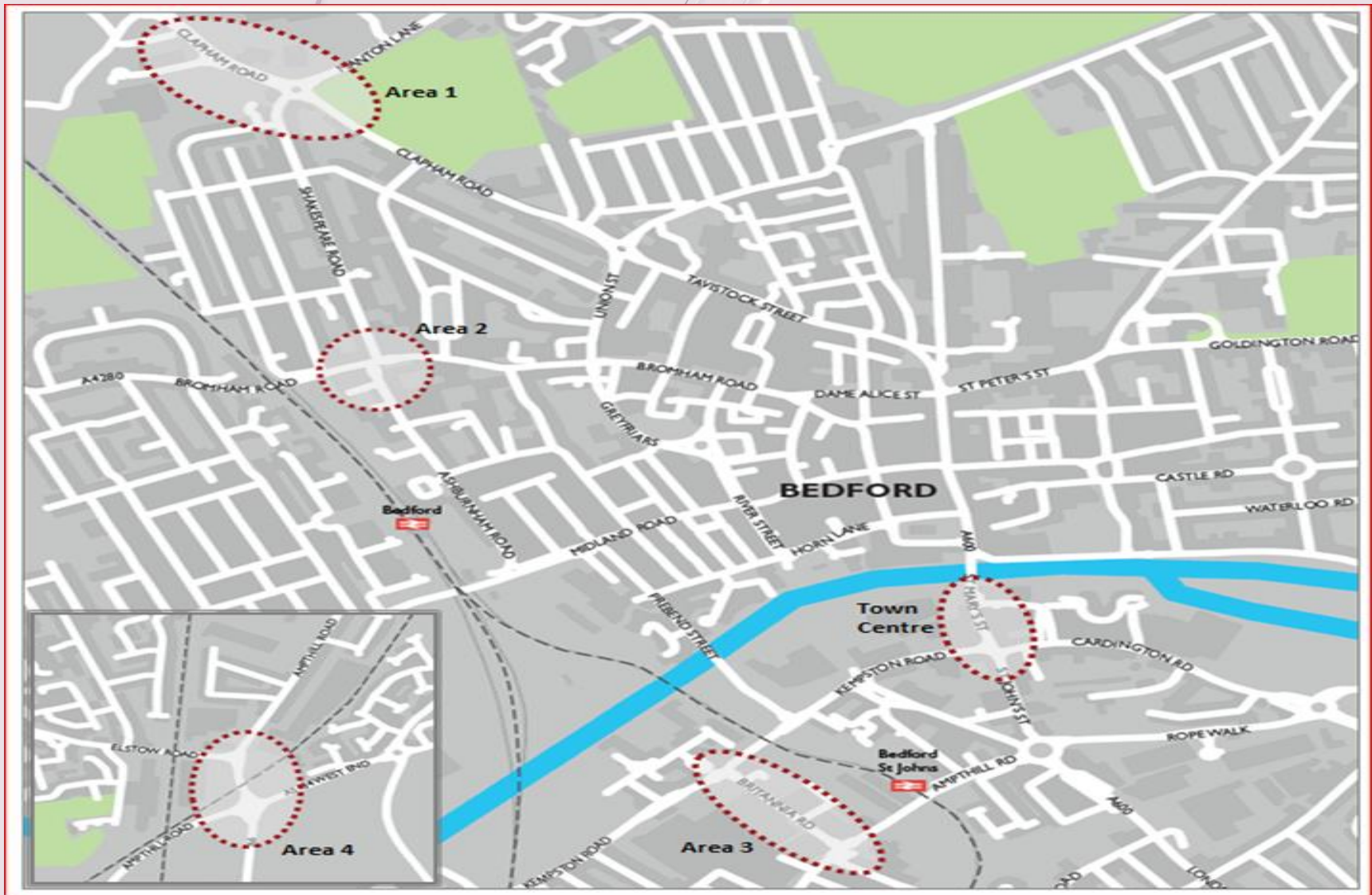
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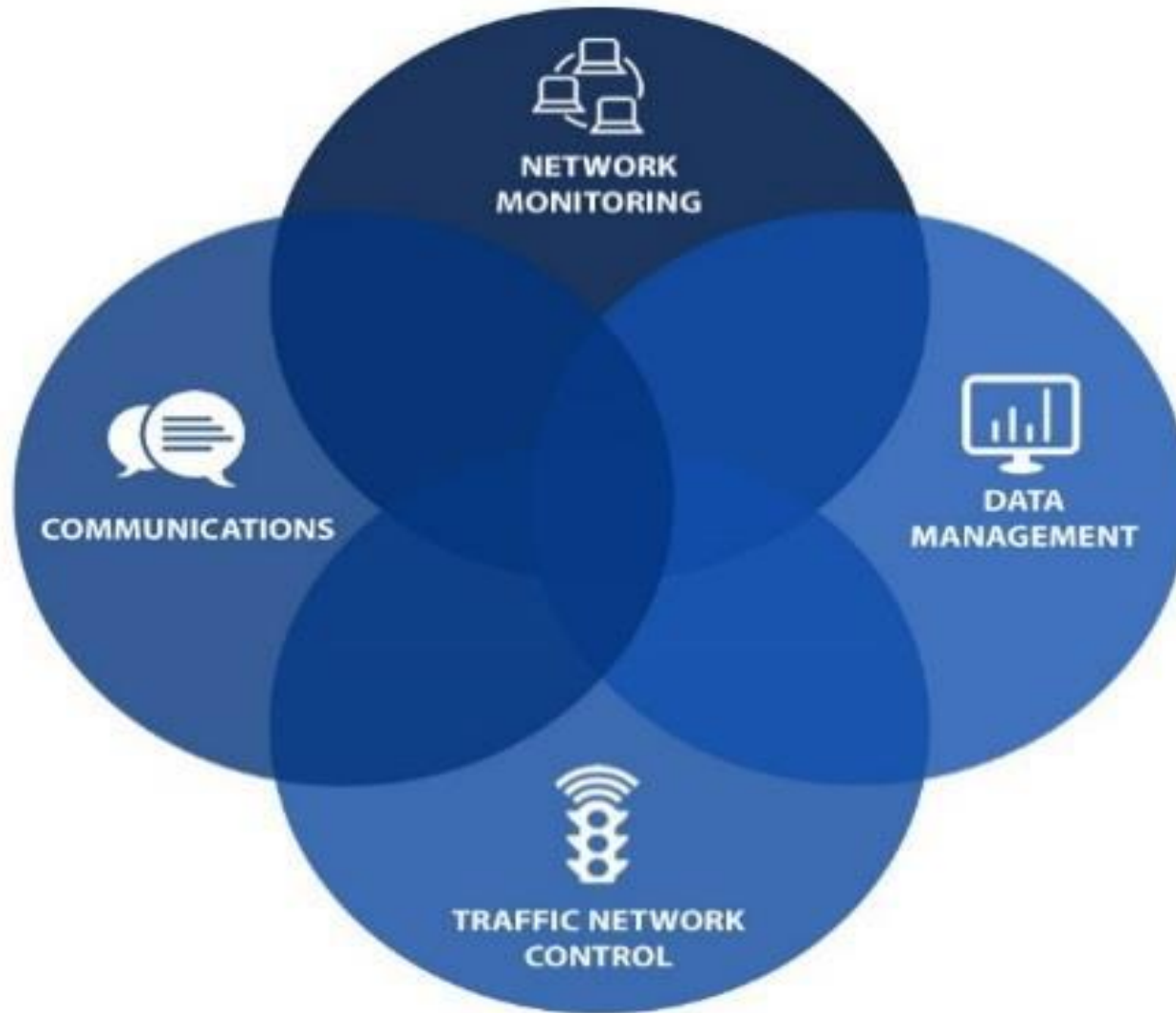
## Three themes are:-

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- Wide-ranging technology improvements in traffic signal control, functionality and capability
- Public realm improvements focussing on High Street & St Pauls Square.

# Theme 1 – “Pinchpoints”



# Theme 2 – “Technology”



# Theme 3 “Public Realm improvements”

## INTRODUCTION

The previous sections have identified the issues affecting Bedford, the various street types and important assets within the town.

An overarching Vision and Objectives for the public realm have then been identified.





This section combines the analysis, Vision and Objectives into a deliverable strategy the Bedford Town Centre Public Realm Framework.

## STREET HIERARCHY

This plan illustrates the four broad street types that exist in Bedford Town Centre. The table opposite illustrates the characteristics needed to deliver the vision and objectives.



### Legend

-  Pedestrian-focussed streets and spaces
-  Vehicular routes with high place value
-  Linking streets with high place value
-  Strategic vehicular routes

# Theme 3 “Public Realm improvements”



# What Happens Next?

- We've developed the concept of the project
- We've secured funding
- We've set out an initial programme of delivery up to Spring 2021
- We're now starting work on more detailed design
- We're introducing the project to key stakeholders and will then start to consult on the development of detailed proposals