



DORSET
Local Enterprise Partnership

Boundary Roundabout

End of Project Report

30/04/21

PROJECT SUMMARY

The aims of the Boundary Roundabout project are to:

- Boost the local economy by supporting growth of the two universities and new job opportunities created for graduates and others in a world class digital facility.
- help to enable the expansion of Bournemouth University and Arts University Bournemouth with a 27% increase in student numbers by 2021.
- Reduce road casualties by 50%.
- Improve journey time reliability.
- Increase the number of people walking and cycling and improve public health.
- Improve access for people living in no car households.

The improvement of Boundary Roundabout comprises of six key elements:

1. Reducing the size of the roundabout and amending the geometry on its approaches and exits to decrease approach, exit and circulatory traffic speeds.
2. The installation of a combined off-road footway and cycleway around the roundabout.
3. The installation of Toucan Crossings on Talbot Avenue, Wallisdown Road and Boundary Road and a parallel crossing on Gillette Road.
4. Widening the footway to 4m on the north side of Talbot Avenue to create a combined footway and cycleway linking up with facilities at Talbot Roundabout.
5. Improvements to highway maintenance and the public realm.
6. The removal of the central island on Talbot Avenue.

Post project monitoring is now being undertaken to confirm that the objectives are being met.

Project start date	June 2018
Project construction start date	March 2020
Project completion date	April 2021

CHANGE REQUEST

Not applicable

OUTPUTS:

1. A new roundabout reduced in size with geometry amended on its approaches and exits to decrease approach, exit and circulatory traffic speeds.
2. A combined off-road footway and cycleway around the roundabout.
3. New Toucan Crossings on Talbot Avenue, Wallisdown Road and Boundary Road.
4. A new 5m wide combined footway and cycleway linking up with facilities at Talbot Roundabout on the north side of Talbot Avenue.
5. Improved footway/cycleway and carriageway surfaces and improved public realm.
6. An improved footway and cycleway on the south side of Talbot Avenue linking up with facilities at Talbot Roundabout.

OUTCOMES:

Post project monitoring is now being undertaken to confirm that the objectives outlined below are being met.

	Outcome	Unit of Measurement	Data Source/ Evidence	Reporting Frequency	Baseline	Target by 2025
1	New jobs created	No.	Confirmation from BU/AUB and evidence of new business in the area	Bi-annual	0	15
2	Learners assisted	%	Confirmation from BU/AUB	Bi-annual	0	27%
3	Reduction in road casualties	% reduction	DfT Validated figures	Annual	32 collisions and 34 casualties	50%
4	Increase in the number of people walking and cycling	% increase	Survey data taken on an annual basis.	Annual	750 cyclists and 7000	10%

BENEFITS REALISED TO DATE

The project has provided:

- Walking and cycling facilities have been improved therefore making it safer for pedestrians and cyclists.
- Three new controlled crossings have been installed providing safe crossing points on all arms of the roundabout.
- Lighting has been improved which makes the area safer during the hours of darkness.
- There are new large areas of wildflower and tree planting around the roundabout softening the environment and improving the urban realm.

FINANCES

Original budget:	£1,931,571.40
DLEP funding:	£1,618,162.92
Original Match funding:	£317,608.48
Final spend (TBC):	£2,200,063.81
Final Match funding:	£586,100.89

The final costs are still be agreed with the contractor but at this time it is anticipated that there will be an overspend of £268,492.41.

SUCCESS STORY

The works at Boundary Roundabout have provided the residents of BCP Council, students, local employees and visitors with safer pedestrians and cycle facilities, three new controlled crossings providing safe crossing points on all arms of the roundabout, improved lighting making the area safer during the hours of darkness and new large areas of wildflower and tree planting around the roundabout softening the environment and improving the urban realm.

Good relationships with the Contractor have been forged enabling close co-ordinated working.

Covid-19 Coronavirus pandemic was an unprecedented event that has disrupted the world since early 2020. It is a great success that construction of this project has been completed on time and with minimal disruption to the public regardless of all the issues and additional restrictions that this pandemic has caused.

This project has helped to obtain additional investment in the area with locations close by now being funded by the Transforming Cities Fund.

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