

Sandyford Business District Cycle Infrastructure Review

10th September 2018



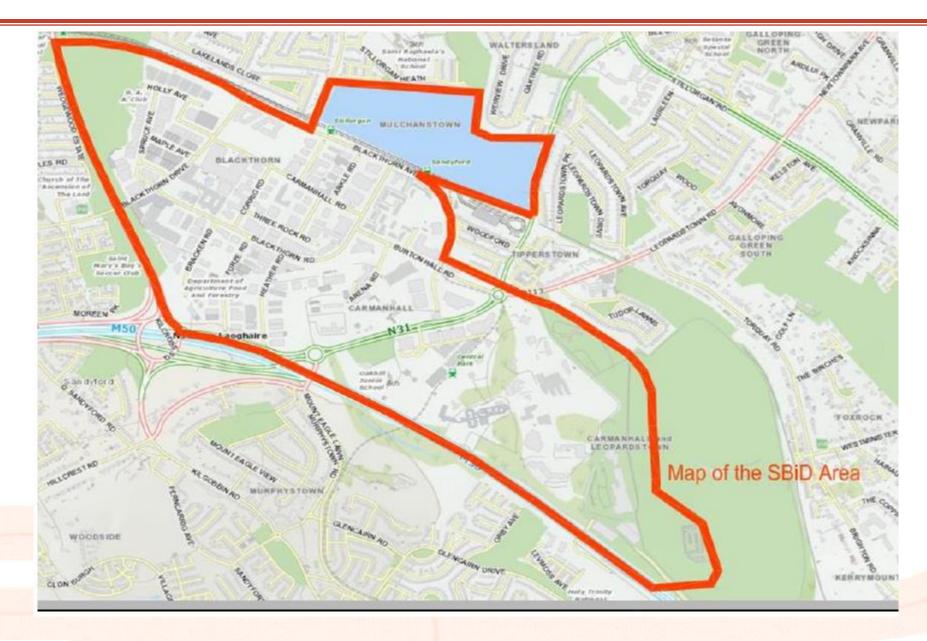


Agenda

- Study Area Overview
- Principal Issues of Concern
- Action Plan and Prioritisation

Study Area

- Sandyford Business Park
- South County Business Park
- Central Park
- Stillorgan Industrial Estate



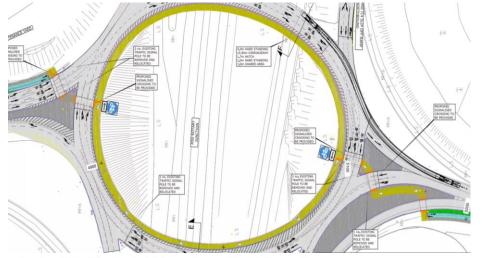
Legend

- Study Area

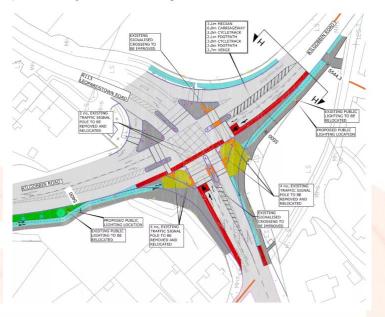
Already Committed Schemes

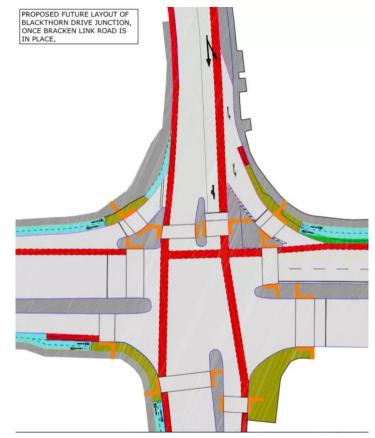
- Sandyford Cycle Route Scheme (through M50 Junction 13)
- ESB Link Road from M50 J14 to Blackthorn Road
- Bracken Road Extension to Drummartin Link Road

SANDYFORD CYCLE ROUTE SCHEME



Junction of Kilgobben Road with Leopardstown Rd and Hillcrest Rd:





ESB LINK ROAD SCHEME



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		APPROVAL TENDER								Website : www.rod.ie www.aecom.com	Drawn:	OF	Job No: 12.171	Crawing No:	Rec
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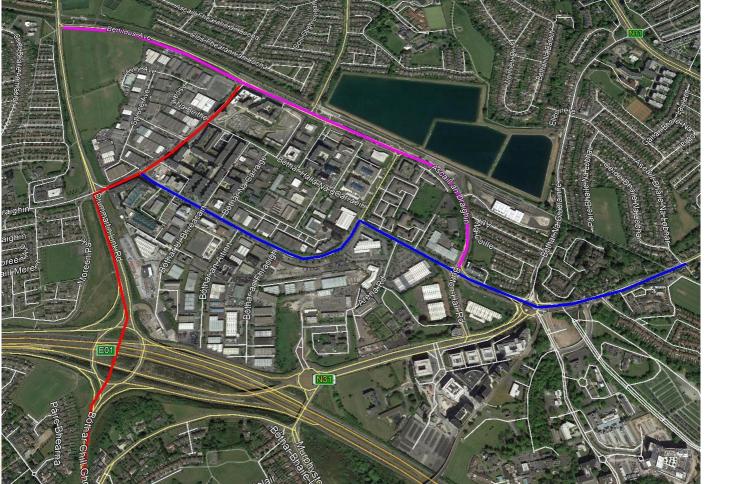
BRACKEN ROAD EXTENSION



Principal Issues of Concern

- Discontinuous or absent Cycle Facilities
- Issues at Junctions
- Localised Issues
- Enforcement and Maintenance Issues

PRIORITY INTERVENTIONS





Priority 1 Issue



No cycle facilities provided.



Blackthorn Drive/Blackthorn Road and Blackthorn Drive/Carmanhall Road signalised junctions



No cycle facilities have been provided for right turning cyclists to Blackthorn Road



Blackthorn Drive/Benildus Avenue Signalised Junction

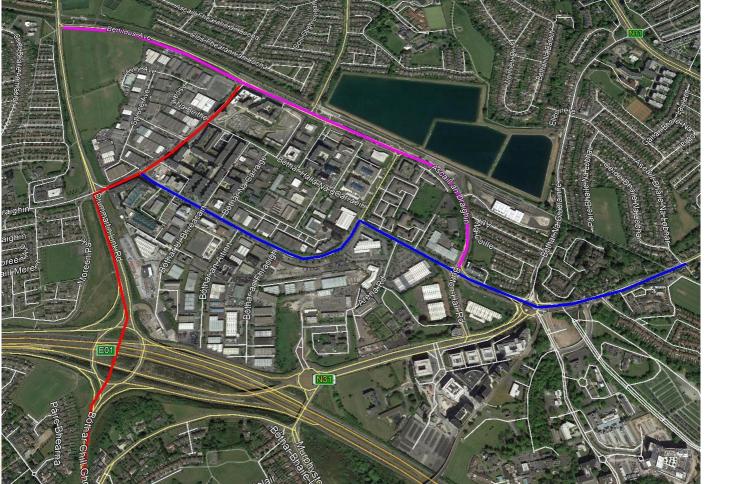


- No signal for right turning cyclist.
- Cyclists travelling west on Blackthorn Drive must move into running carriageway as a result of island located within cycle path.

Legend

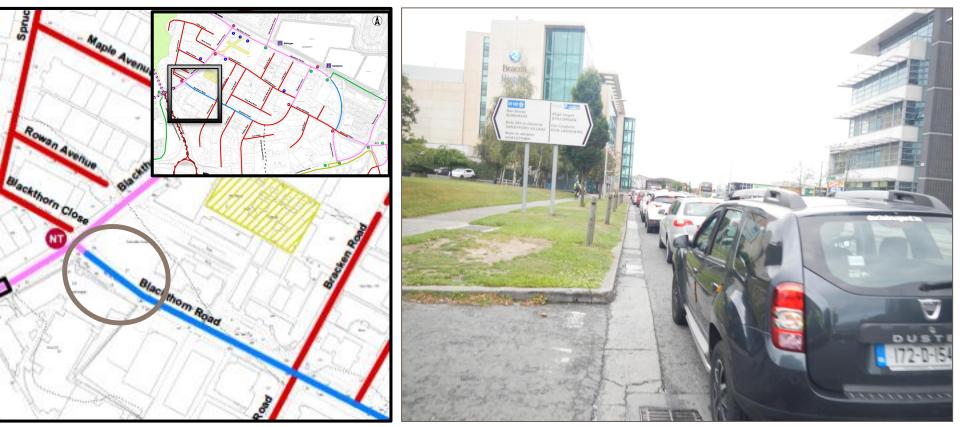
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PRIORITY INTERVENTIONS





Insufficient protection of cycling facilities



Vehicles queued from Beacon junction blocking the cycle lane



Priority Route 2 – Insufficient Protection of Cycle Lanes



Traffic blocking cycle lane







Absence of Cycling Facilities



No cycle facilities provided. Several cyclists were identified cycle on grass verge



Absence of Cycle Facilities



No cycle facilities provided.



Burton Hall Road/ Arena Road junction



The existing arrangement does not allow for cyclists from Arena Road to turn right.



Burton Hall Road/Blackthorn Avenue Signalised Junction



- Shared surface provided at junction without the provision of toucan crossings.
- No warning of end of cycle facilities.
- Cyclists identified not using existing cycle facilities on the northern arm (Blackthorn Avenue).



Lack of joined up facilities



Short section of road with no cycle facilities.



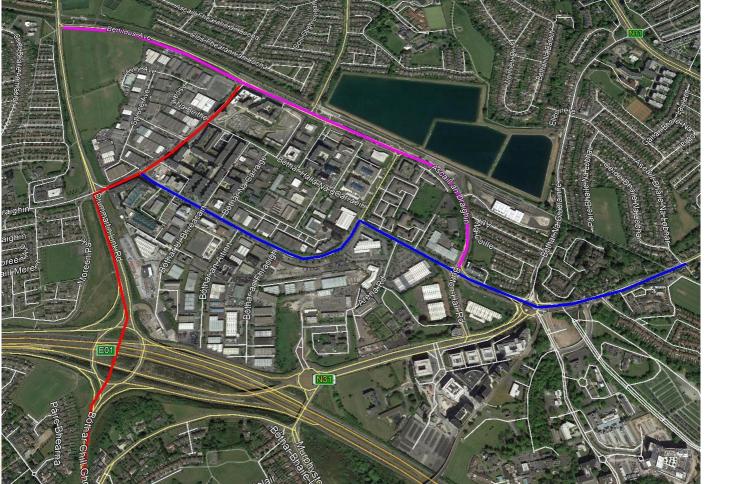
Leopardstown Road



Lack of continuity and priority on cycle track



PRIORITY INTERVENTIONS

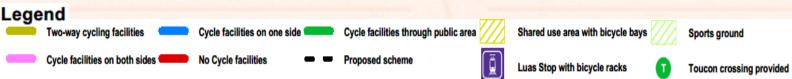




Unprotected cycling facilities



Vehicle speeds on Blackthorn Avenue were considered high and Verge shows signs of pedestrians walking along an uneven surface Two-way cycle facility should be provided on southern side



No toucon crossing provided

Roadside cycle stands

Partial Cycling Facilities only



No cycle facilities provided for northbound cyclists from Burton Hall Road to Blackthorn Avenue



Unattractive / unusable facility



Luas crossing for cyclists and pedestrians creates conflict point and not used by cyclists.



Partial facilities on Carmanhall Road

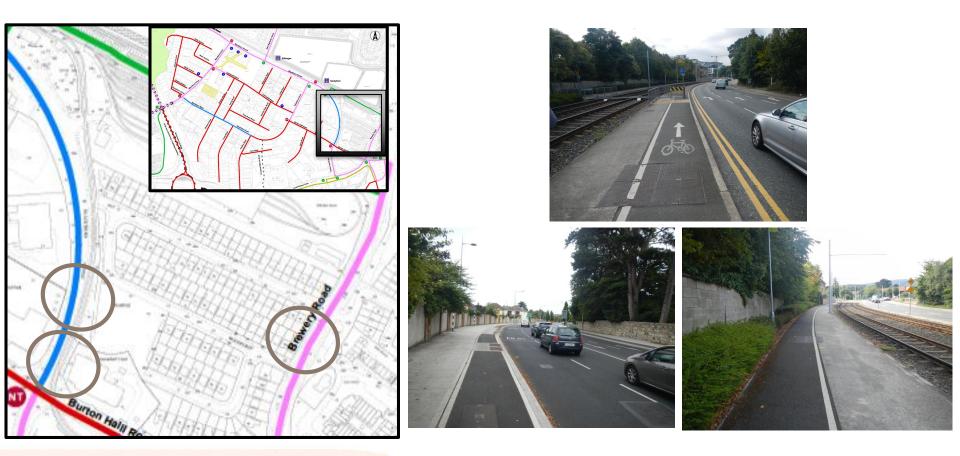


Consider extending



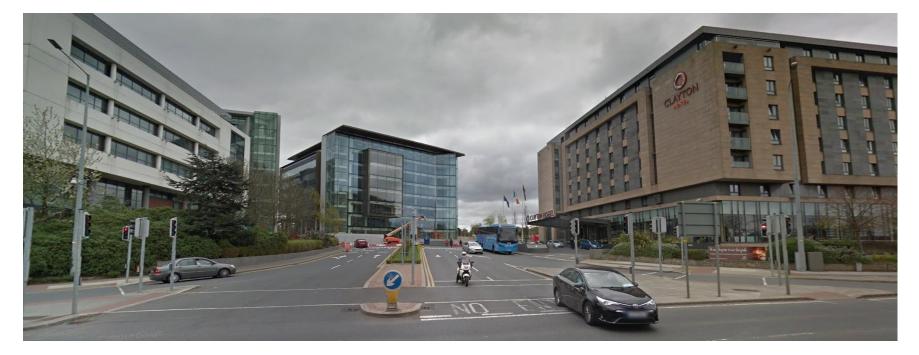


- Insufficient facilities have been provided for cyclists traveling between the northern and southern arms of the junction.
- There is limited visibility to vehicles approaching from the south for cyclists wishing to continue east.
- Protection required for increased volumes of cyclists from new Microsoft HQ and new school



Manholes in cycle lane/track





- No cycling facilities into Central Park Estate
- Opportunity to provide link through to South County Business Park should be explored

Maintenance Issues



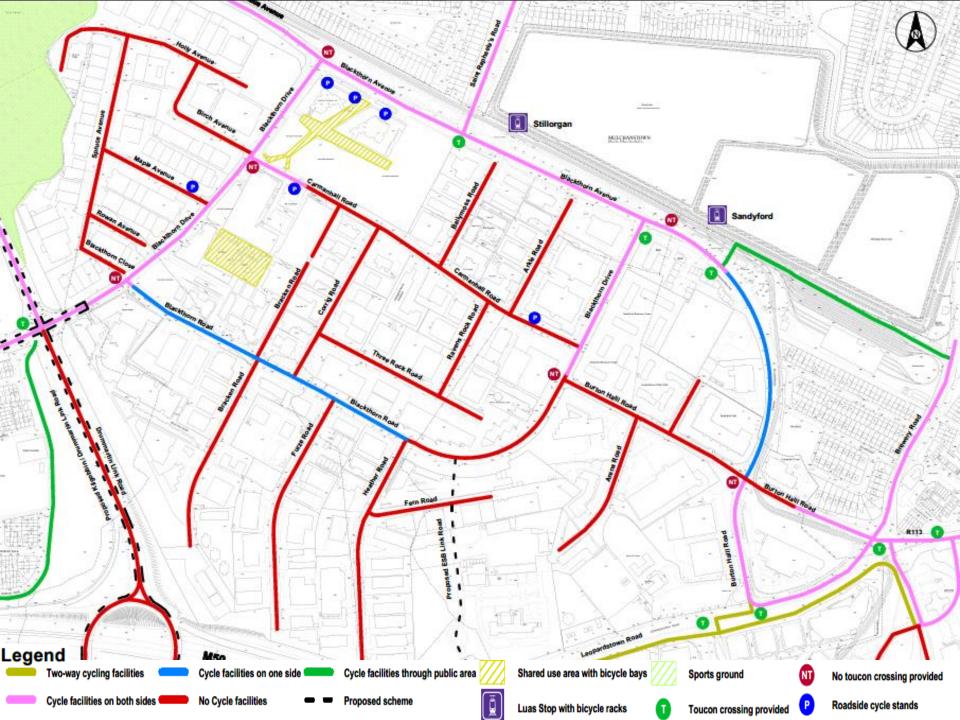


Grass encroaching onto cycle facilities

Maintenance Issues



Gullies not flush with the pavement



Action Plan and Prioritisation

Immediate attention required for Priority Route 1:

Drummartin Link Road - Blackthorn Drive:

- Link to Sandyford Business District from south at M50 Junction 13 East;
- Revised layout at Drummartin Link Road Junction;
- Introduction of right turn for cyclists into Blackthorn Road;
- Introduction of right-turn for cyclists into Carmanhall Road.

Action Plan and Prioritisation Immediate attention required for Priority Route 2: Blackthorn Road – Burton Hall Road – Leopardstown Road East:

- Address issues at junction with Blackthorn Drive;
- Provide fully segregated and protected cycle facilities continuously along Blackthorn Road;
- Introduce two-way cycling facility along Burton Hall Road, with appropriate access provision at all junctions and link to existing facilities at eastern end;
- Reconstruct existing cycle tracks along Leopardstown Road East to remove discontinuities at junctions and address ride quality deficiencies at accesses.

Action Plan and Prioritisation

Immediate attention required for Priority Route 3: Benildus Avenue – Blackthorn Avenue:

- Address issues at junction with Blackthorn Drive;
- Provide footpath on northern side along Blackthorn Avenue to prevent pedestrians walking on cycle lane;
- Introduce two-way cycle route on southern side of Blackthorn Drive;
- Review requirement for northbound cycle route on Blackthorn Avenue West;
- Adjust junctions to suit.

Action Plan and Prioritisation

Local Issues

- Provide Cycling Facilities at entrance to Central Park and explore potential for link to South County Business Park
- Provide continuous cycle facilities on Carmanhall Road;
- Review ironmongery in cycle tracks with particular attention to depressed gullies;
- Improve cycle parking provision throughout estate;
- Ensure regular maintenance of all grassed edges possibly in conjunction with enhanced landscaping;
- ENFORCEMENT, ENFORCEMENT, ENFORCEMENT!

Thank you for your time.

Questions?

