

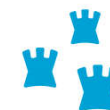
# Royal Canal Greenway Phase 3 Project



Active Travel Presentation April 2024



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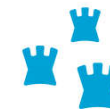
## Royal Canal Greenway Phase 3 Project: Cross Guns Bridge to Newcomen Bridge

### Presentation Overview

- **Introductions**
- **Communications**
- **Project overview and timeline**
- **Construction progress to date**
- **Summary of Works programmed for remainder of 2024**
- **Q & A**



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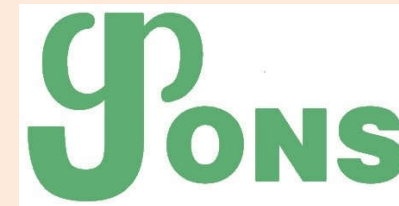
### Project Designer

O'Connor Sutton Cronin  
Team includes 6 no. RE staff  
on site



### Main Contractor

Jons Civil Engineering  
(JCEL) Approx. 8 no.  
engineering /  
management staff on  
site and 38 no. work  
operatives at present



### DCC RE Staff

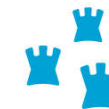
Fergal Connolly and Padraig  
O'Brien



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## Communications

- Public information evenings were held at Mud Island Cottage & Phibsborough Library on 4<sup>th</sup> April & 12<sup>th</sup> April 2023, respectively. Both events were well attended. The distribution of information leaflets preceded the information evenings.
- RCG P3 web page went live in January 2023 containing relevant scheme information. The web page is updated regularly giving advance notification about upcoming works, traffic management plans and other relevant information.
- Relevant scheme information is also regularly updated on social media platforms – ‘X’ (formerly Twitter), Instagram, Facebook, YouTube. Project drawings are available for viewing in the ILAC, Drumcondra, Charleville Mall & Phibsborough Libraries.
- DCC have engaged with a number of local residents’ groups and have facilitated a number of meetings with each group to address their concerns, where feasible – Charleville Mall, Richmond Crescent / Parade & St. Ignatius Road.
- Contractor’s Public Liaison Officer regularly liaises directly with local residents / business owners and other stakeholders.



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## Leaflet – Distribution Area



3 no. information leaflets have been distributed to date:

- ❖ Leaflet no. 1 distributed January 2023
- ❖ Leaflet no. 2 distributed March 2023
- ❖ Leaflet no. 3 distributed February 2024



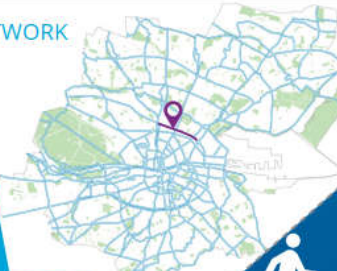

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DUBLIN CITY ACTIVE TRAVEL NETWORK

## Royal Canal Phase 3 Greenway Project

### INFORMATION LEAFLET









The RCP3 project is part of the Dublin City Council (DCC) core active travel network, and is funded by the National Transport Authority (NTA). It will provide high quality walking and cycling facilities along the banks of the Royal Canal for a distance of 2.1 km, extending from Newcomen Bridge, North Stand to Cross Guns Bridge, Phibsborough. It is a primary route in the NTA Greater Dublin Area Cycle Network Plan. The project includes public realm enhancements, signaled pedestrian crossings and tree planting.


Construction works are scheduled to start in early 2023. In order to deliver this complex but very worthwhile project for the city, there will be some unavoidable temporary disruption to the area. DCC, in collaboration with our contractor, will endeavour to minimise this as much as possible.

**TIMELINE**

	<b>Q4 2015</b> Part 8 Approved	<b>Q2 2022</b> Tenders Advertised	<b>Q1 2023</b> Construction Start	<b>Q2 2025</b> Construction Complete
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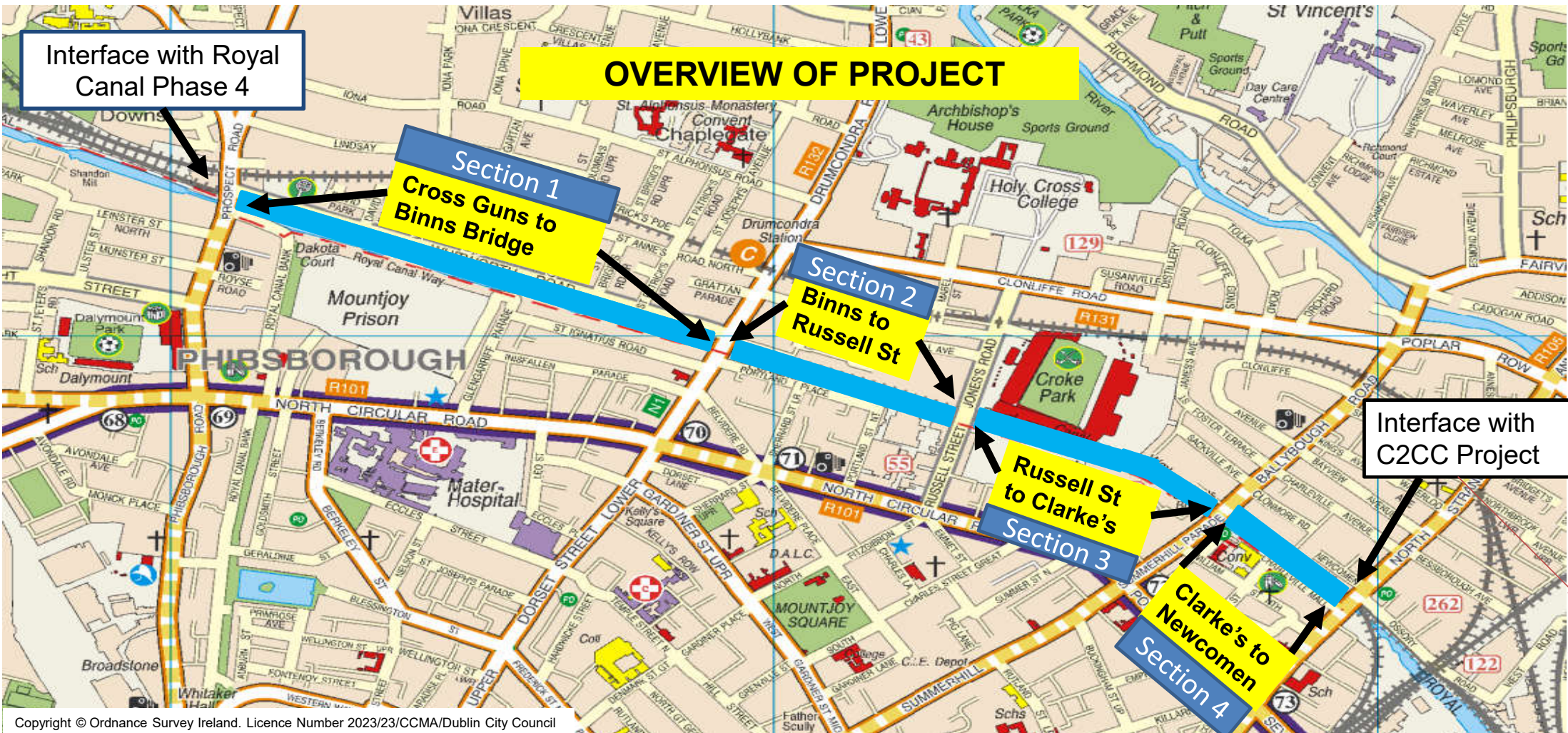






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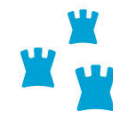




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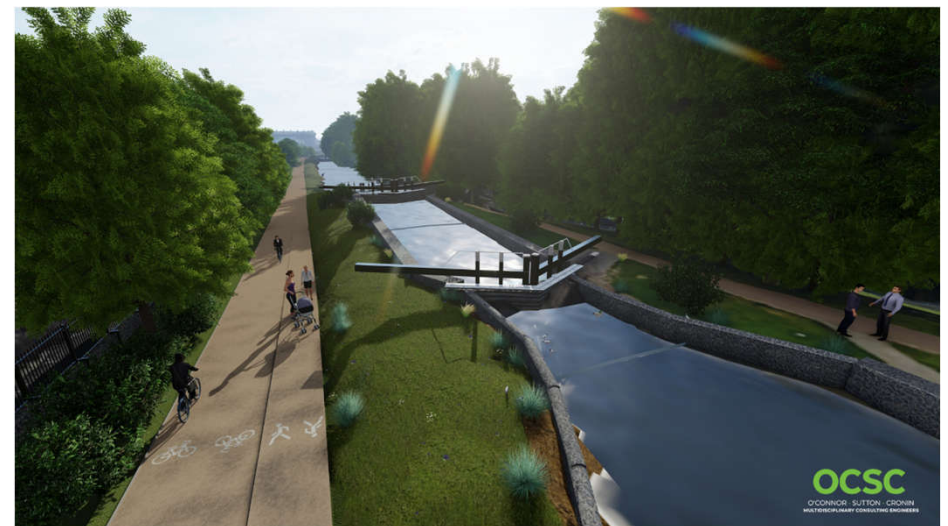


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## Royal Canal Greenway Phase 3 Timeline

- 2013 Design Team appointed
- 2015 Part 8 approved (for phases 2 – 4)
- 2022 (April) – Tender issued
- 2022 (December) – Contractor appointed
- 2023 (February) – Construction commences (24 month programme)
- 2023 (November) – Amending Part VIII for Binns Bridge
- 2025 (Q2) – Complete Construction



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## Royal Canal Greenway Phase 3 - Site Progress

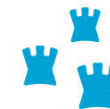
### Cross Guns Bridge to Binns Bridge (Section 1)

- ESB high voltage ducting installation, including joint bays - 95% complete.
- DCC fibre / CCTV and Waterways Ireland comms ducting - 90% complete.
- Pedestrian bridge installation complete.
- New 3-way kerbing 90% complete.
- New cycle track & footpath macadam works currently ongoing.
- New Toucan installed at Cross Guns Bridge including new ducting crossing Phibsborough Road – fibre and traffic signal ducts.

It is anticipated that the new cycle track & footpath between Cross Guns Bridge and Binns Bridge will be partially opened to the public by Q2 2024. Opening date TBC.



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New ESB HV joint bay & ducting



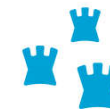




North side pedestrian bridge abutment under construction



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Southside pedestrian bridge abutment construction



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Duct installations on north side towpath



ESB HV joint bay near Cross Guns Bridge



Gas main diversion in north side towpath



Temporary bridge over canal to facilitate works



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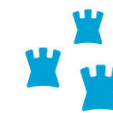




ESB HV duct installation



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New pedestrian bridge being craned into place adjacent to Lock 3 – October 2023



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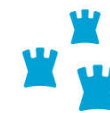
Ducting installed under pedestrian bridge deck



Comms ducting installed along towpath

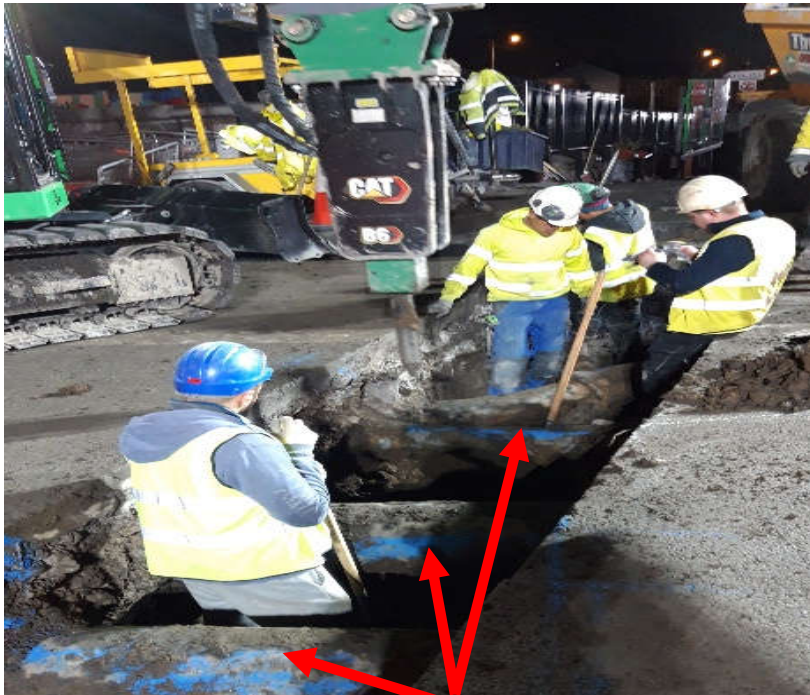


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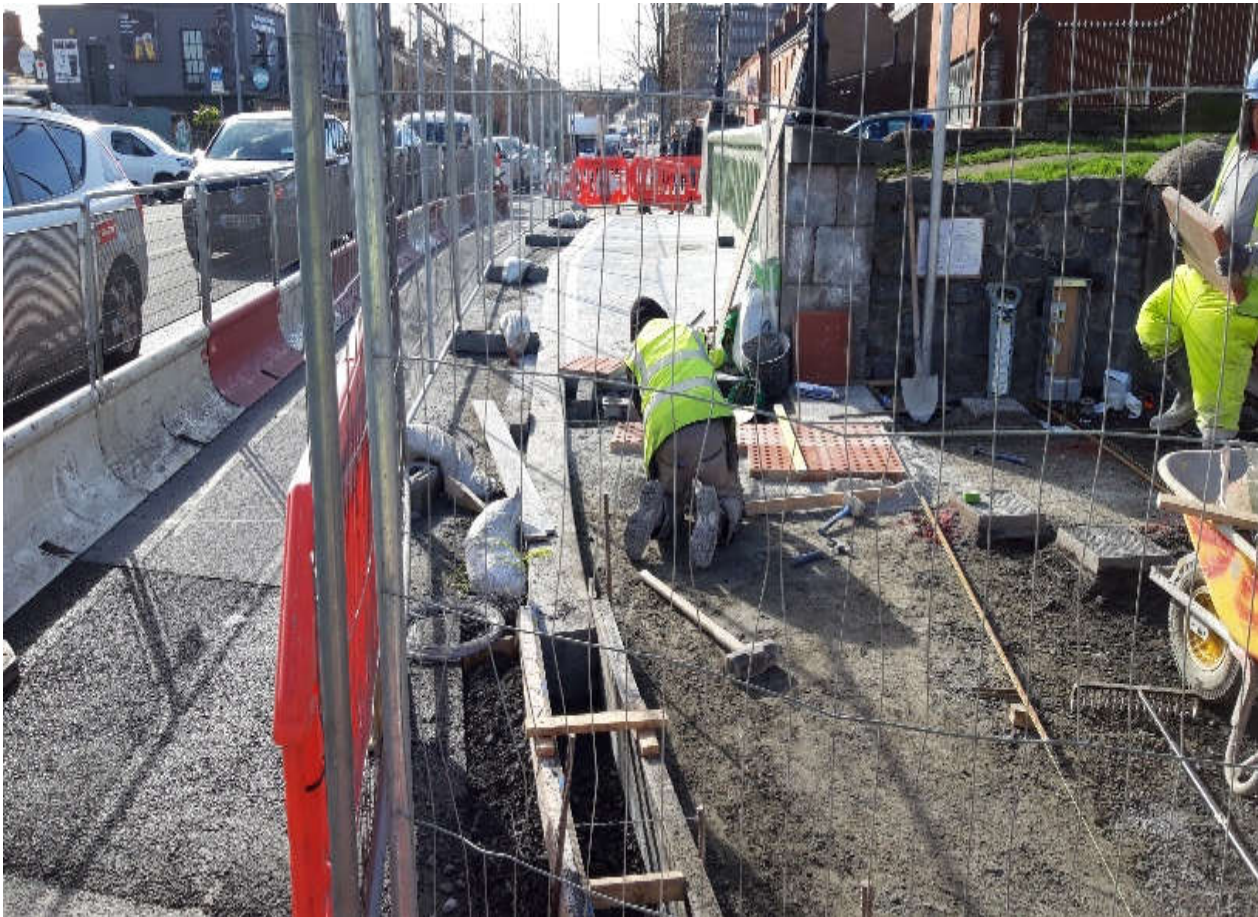
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Numerous uncharted services encountered

Night road-crossing works at Cross Guns Bridge junction to install new ducting



Footpath works at Cross Guns Bridge after new ducts & traffic signal chambers were installed





New kerbing works along south & north side towpath – the new kerb delineates the new cycle track and footpath

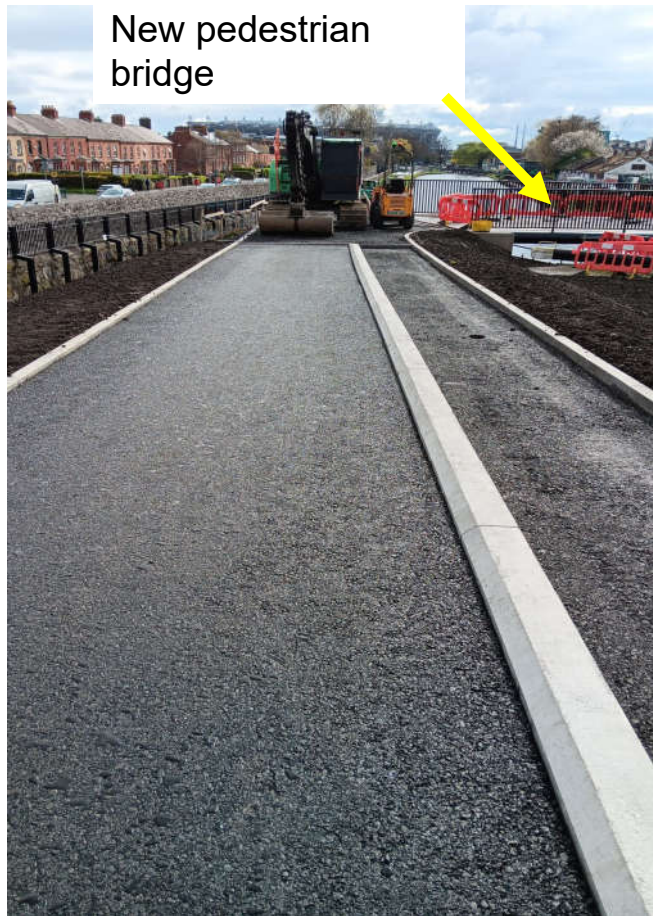


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New pedestrian bridge



Footpath

Cycle track



Macadam works along the north side of canal between Cross Guns Bridge and new pedestrian bridge



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## Binns Bridge to Bloody Sunday Bridge (Section 2)

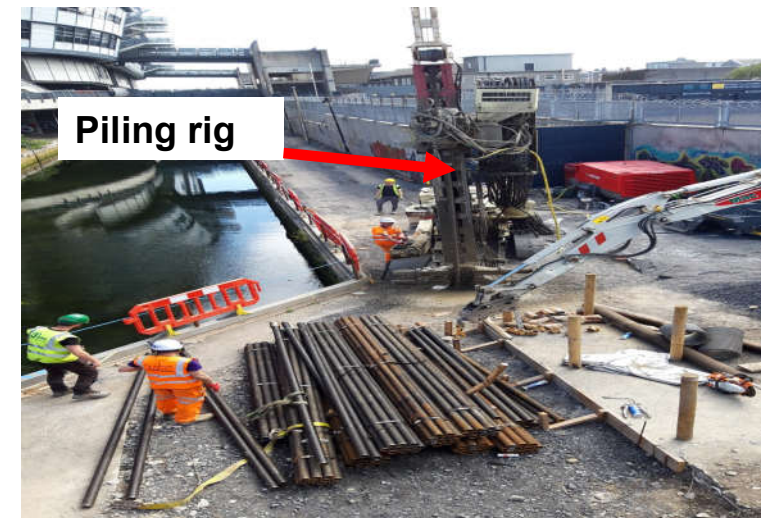
- Canal towpath was closed to the public in June 2023
- Jons took temporary possession of Portland Place Park in May 2023 to use as a site compound / storage area and to facilitate access to the south side canal towpath
- Amending Part VIII planning process for Binns Bridge formally submitted in July 2023. Part VIII planning was approved in November 2023
- Binns Bridge Ramp Structure works are due to commence in April 2024 with a scheduled completion date of Q1 2025
- Canal bank sheet piling & soil nailing works opposite Portland Place Park were completed in Q1 2024
- Works on Russell St. west and east side ramp structures commenced in August 2023 and are due for completion by Q3 2024
- Ducting installations, including ESB HV joint bay, along south side towpath to commence in Q4 2024



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Russell St. east side ramp

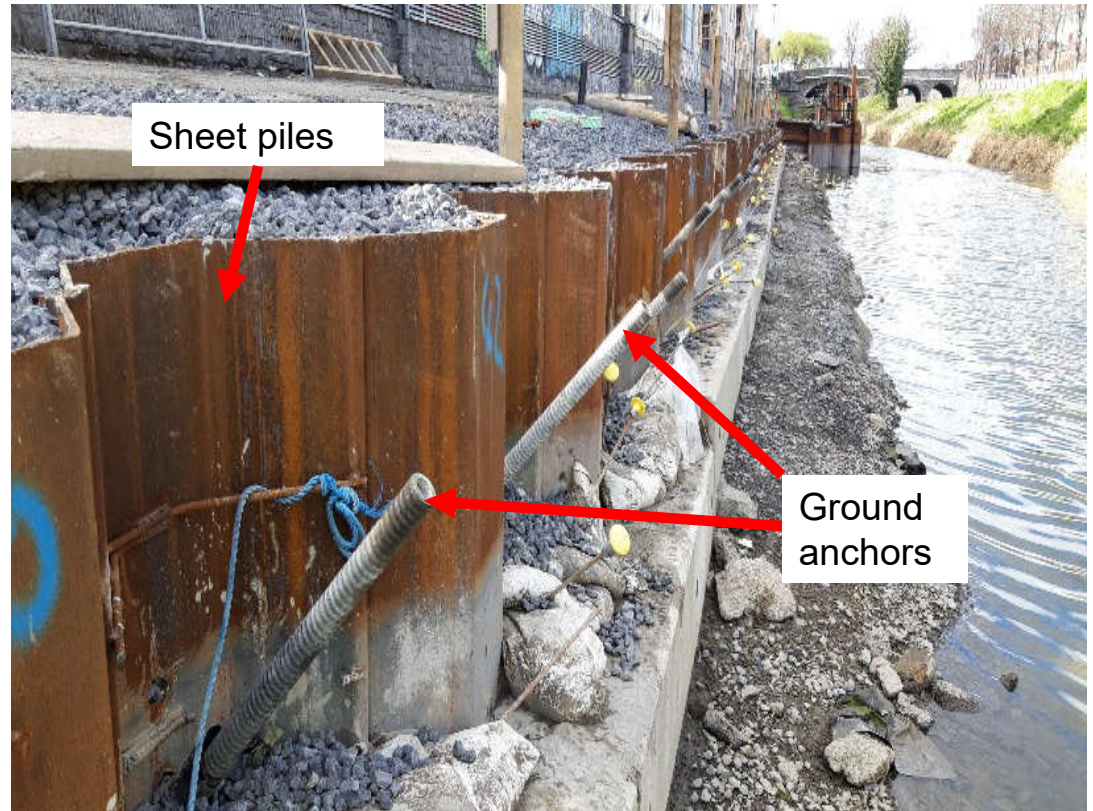






Temporary working platform for piling rig access

Temporary works platform in canal to facilitate access for the construction of Binns Bridge east side ramp structure



Sheet piles with additional ground-anchor support opposite Portland Place Park (as a consequence of poor ground conditions)



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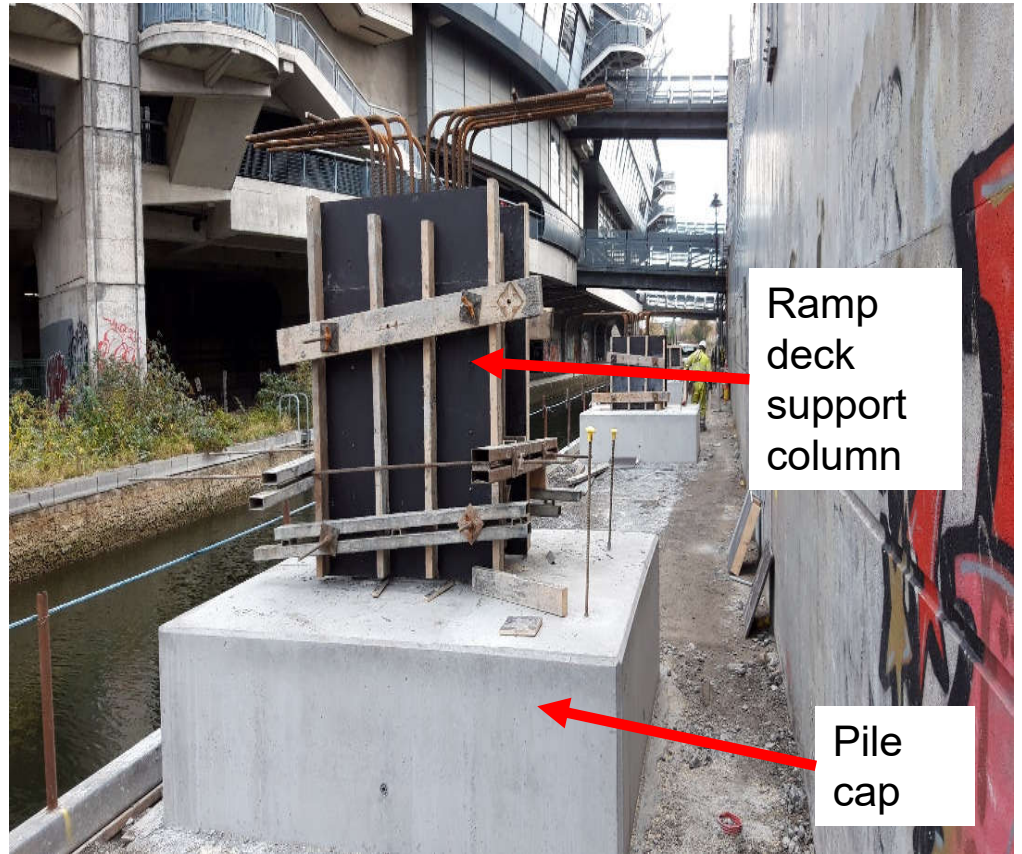
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Piling rig

Micro-piling for Russell St. west side ramp structure



Ramp deck support column

Pile cap

New pile caps & support columns for Russell St. east side ramp structure





13.5m long precast U-beam being lifted into place to form ramp deck structure – total of 28 no. U-beams used on east side ramp

Russell St. east side ramp deck beams being lifted into place using a 250 tonne mobile crane

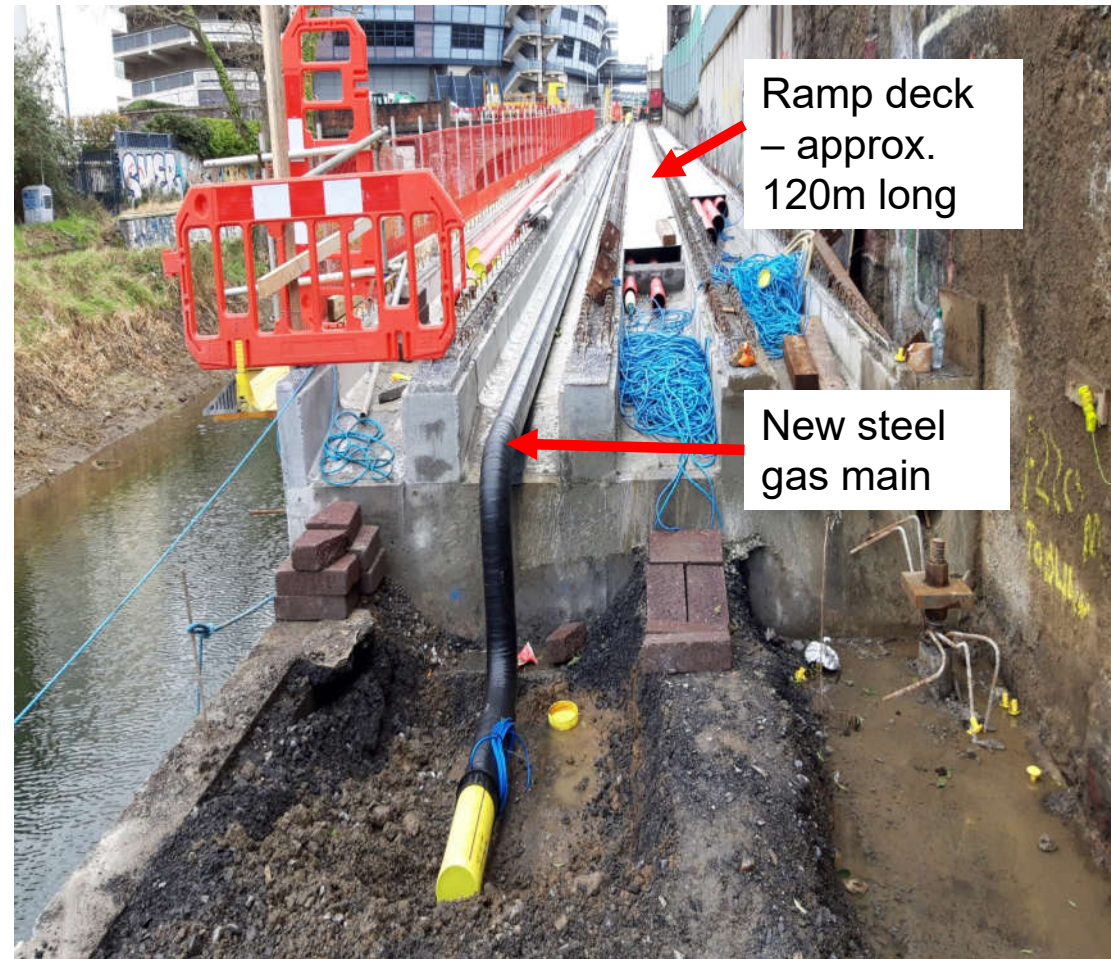
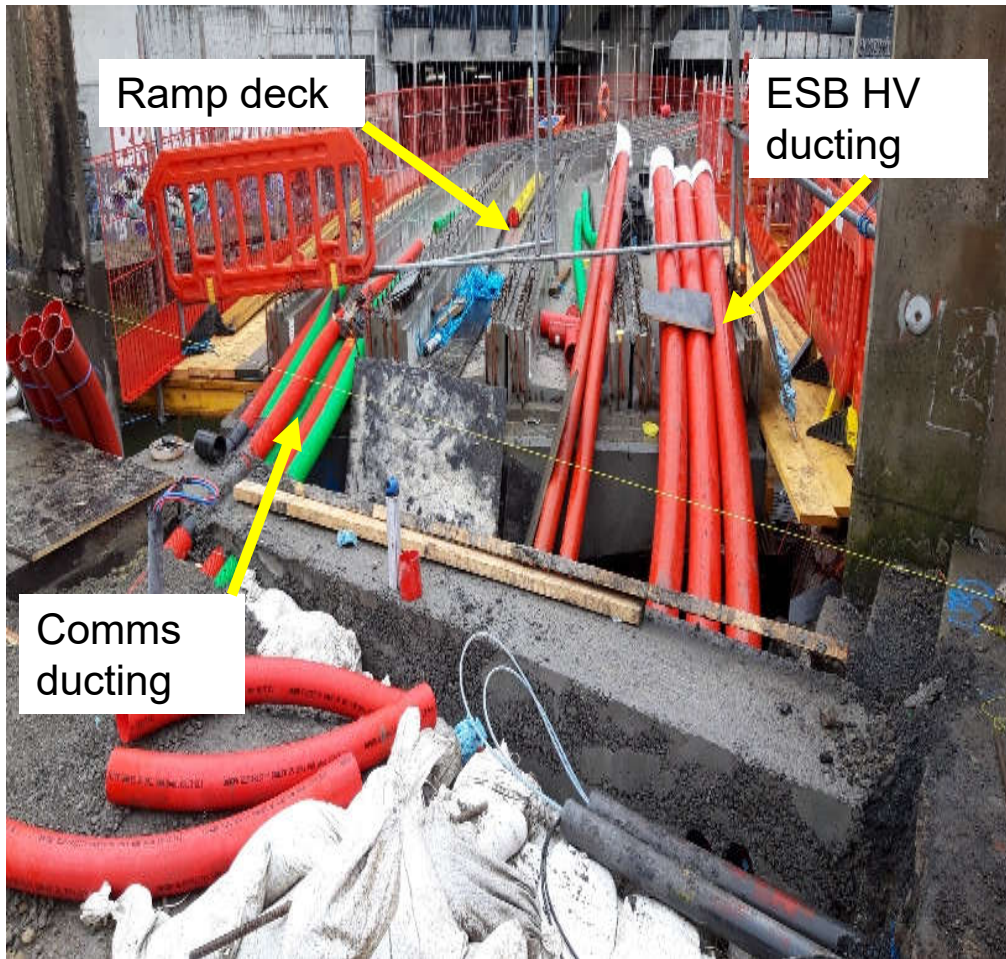


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Russell St. east & west side ducting installation works to ramp decks

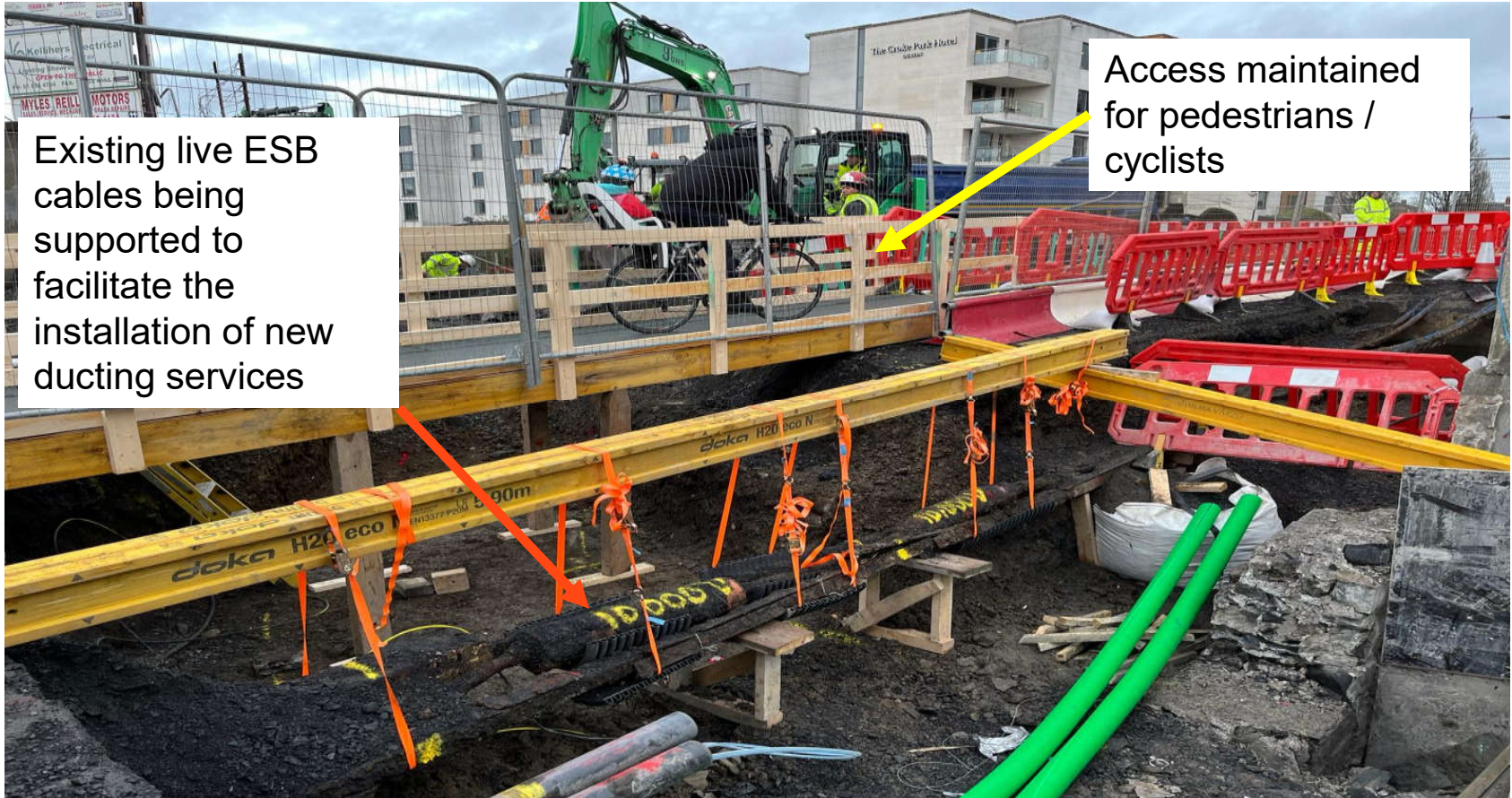


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Existing live ESB cables being supported to facilitate the installation of new ducting services

Access maintained for pedestrians / cyclists

Russell St. road-crossing works to install new ducting – road closed for approx. 2 weeks



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## Bloody Sunday Bridge (Russell St) to Clarke's Bridge (Section 3)

- Canal towpath was closed to the public in April 2023.
- Sheet piling works commenced along the canal towpath in April 2023.
- Sheet pile capping beams were constructed between June and July 2023.
- Works to Clarke's Bridge west side ramp structure commenced in July 2023. A number of challenges were encountered during the construction of the ramp structure with regard to existing services. This required modifications to the design of the structure and close liaison with the utility owners.

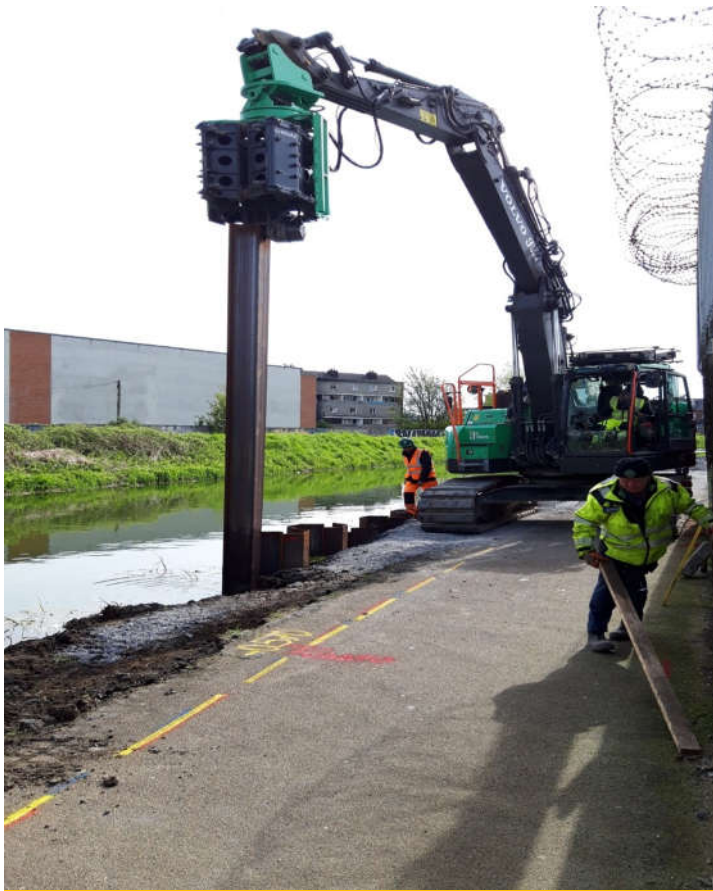


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Sheet pile installation works between Bloody Sunday Bridge and Clarke's Bridge west



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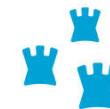




New sheet piles installed between Bloody Sunday Bridge & Clarke's Bridge



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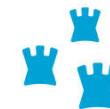




Sheet pile capping beam under construction to widen the footpath / cycle track area



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Temporary damming of the canal to control the water levels to facilitate down-stream sheet pile capping beam shuttering works – water levels were lowered by approx. 600mm – 900mm. Water levels could not be dropped if water fowl are nesting in the area



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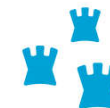


Outer retaining  
element of ramp  
structure – 5%  
maximum gradient

Clarke's Bridge west side ramp structure under construction



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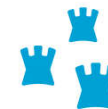


## Clarke's Bridge to Newcomen Bridge (Section 4)

- Towpath between Clarke's Bridge east & St. Vincent's Girls' School closed to the public in July 2023
- Sheet piles installed for Clarke's Bridge east side ramp structure
- ESB HV joint bay installed in towpath in August 2023
- Charleville Mall temporarily closed to vehicular traffic on 26<sup>th</sup> June 2023 to facilitate new ducting and drainage installations, including new kerbing and road resurfacing (full-depth road reconstruction required in places)
- At Charleville Mall library's request we also arranged for two new disabled parking bays to be installed outside the library
- As a consequence of the project, DCC's Local Area Office are making arrangements to hand over a disused parcel of land to St. Vincent's Girls' School enabling a possible extension to the school play yard



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ESB HV joint bay

Defective canal quay wall requiring structural remediation works

ESB joint bay fronting St. Vincent's Girls' School



ESB HV duct installation on Charleville Mall

ESB HV duct installation works on Charleville Mall



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**Drainage installation works**



**Comms chambers under construction**



**Installing Comms ducting**

**Charleville Mall**



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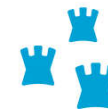




Charleville Mall



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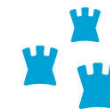


## Summary of Works Programmed for Remainder of 2024

- **Section 1:** Cross Guns Bridge Junction (Phibsborough Rd / Prospect Rd / Whitworth Rd) due for completion in May 2024. New Toucan crossing will be operational.
- Fully re-open the section of canal between Cross Guns Bridge & Binns Bridge – partial re-opening by Q2 2024.
- **Section 2:** Commence road crossing works on Dorset St / Drumcondra Rd (Binns Bridge) that includes – ESB HV ducting installation, extant gas main alterations, Comms ducting installation, Toucan crossing installation and associated ducting and traffic chambers, footpath & road re-surfacing works, road markings and traffic loops. (Due for completion by Q1 2025).
- Commencement of Binns Bridge east side ramp structure in April 2024 (Not due for completion until Q1 2025).
- Portland Place Park reinstatement – Q2 2025.



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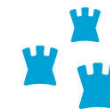


## Summary of Works Programmed for Remainder of 2024 – (Cont'd)

- **Section 3:** Completion of Russell St (Bloody Sunday Bridge) east & west side ramp structures – Q3 2024.
- Re-commencement of Clarke's Bridge east & west side ramp structures – Not due for completion until Q1 2025.
- Installation of new Toucan crossing on Summerhill Parade at Clarke's Bridge – Q4 2024 and decommissioning of extant pedestrian crossing.
- **Section 4:** Commencement in Q2 2024 of Charleville Mall canal quay wall stabilisation works including the installation of remaining underground services, resurfacing works and landscaping, including Charleville Mall north side footpath area. Due for completion in Q2 2025 (subject to no unforeseen delays).



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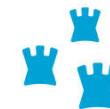
# Thank you for listening

## Q & A

[ActiveTravelOffice@dublincity.ie](mailto:ActiveTravelOffice@dublincity.ie)



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