

Il coinvolgimento dei cittadini nella fase di realizzazione del tram di Dublino

20/09/17

Marcello Corsi
Design Manager-Track

La storia dei tram a Dublino





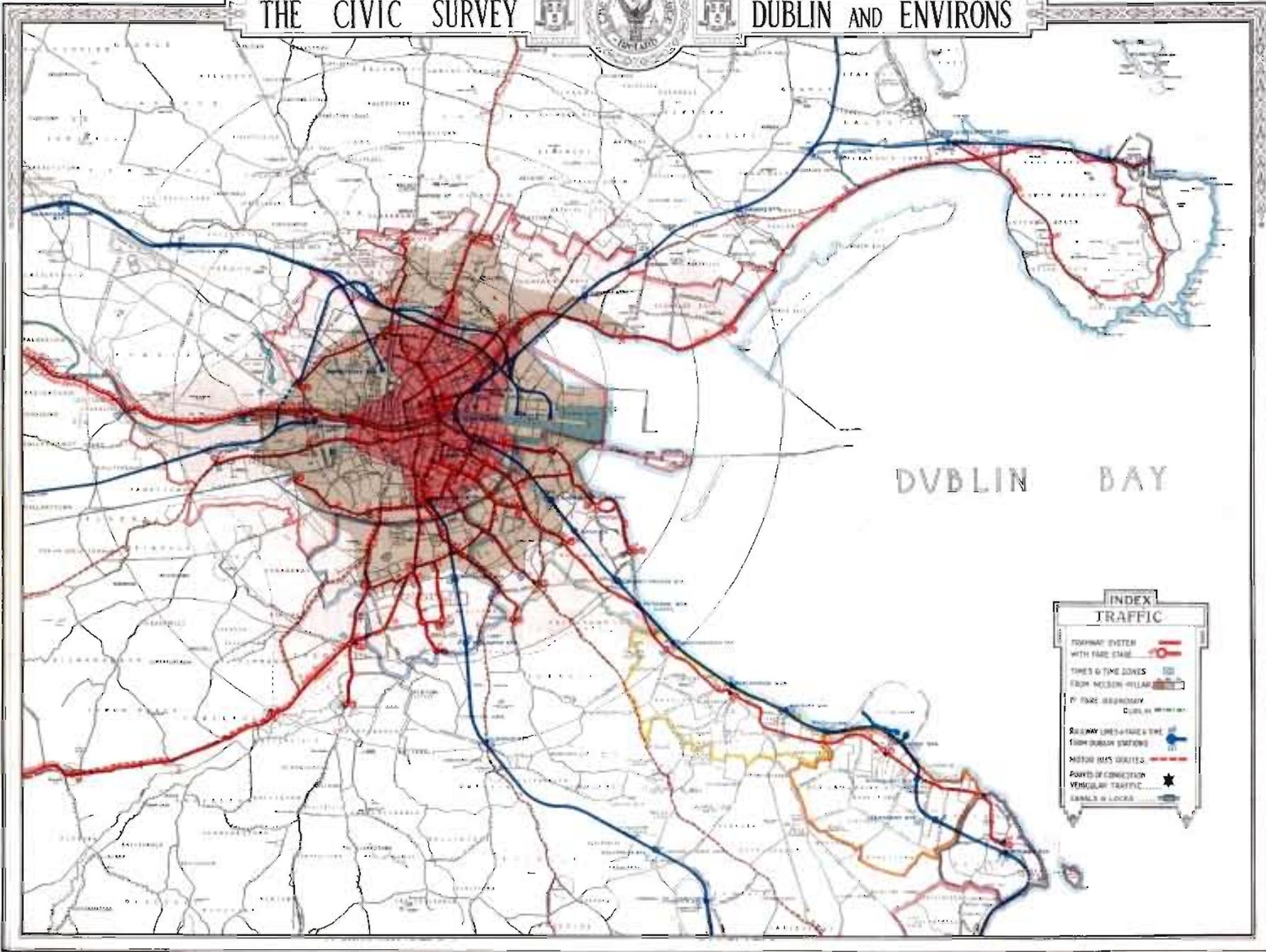


VR 1667

THE CIVIC SURVEY



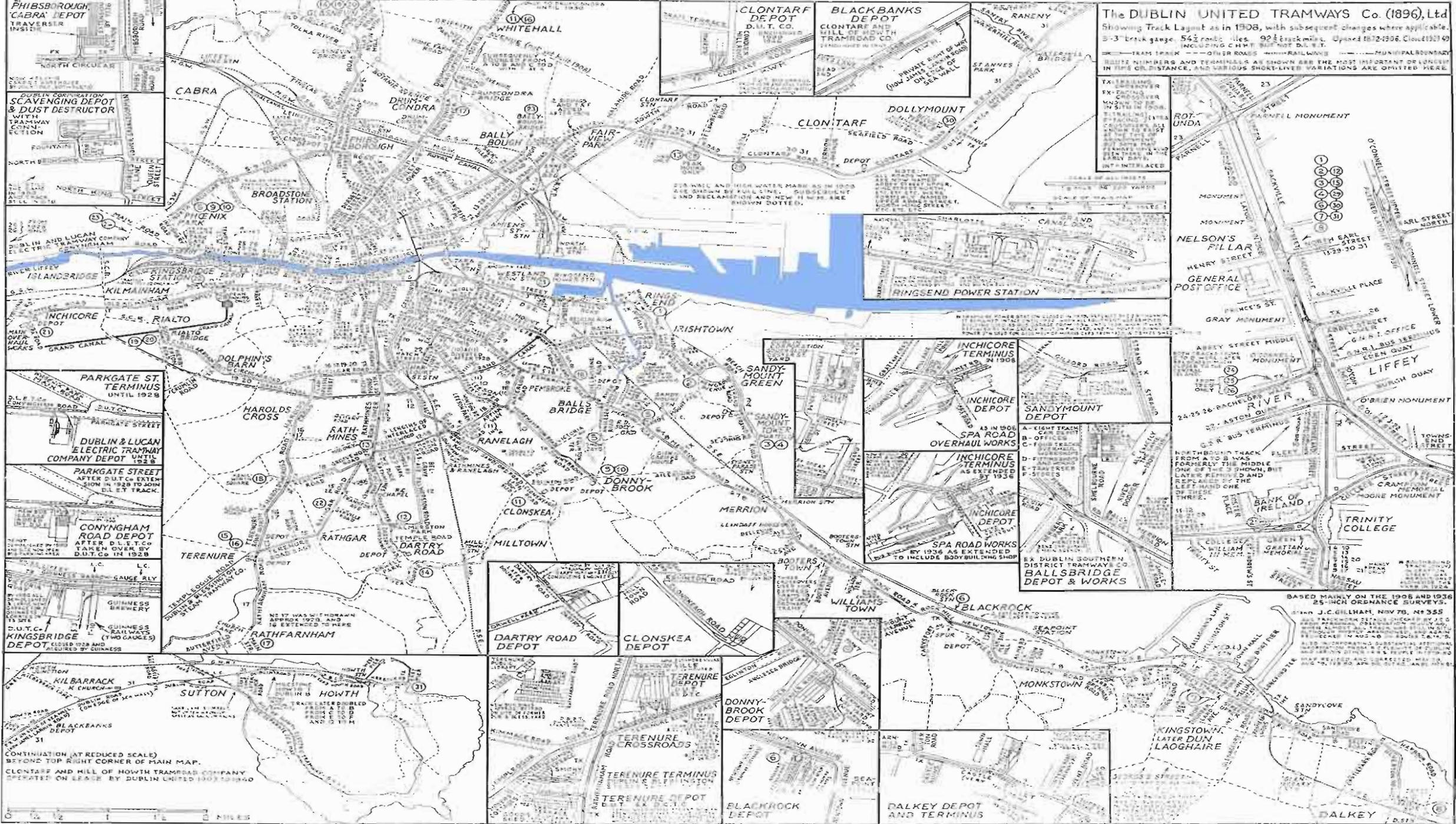
DUBLIN AND ENVIRONS



DUBLIN BAY

**INDEX
TRAFFIC**

- TRAMWAY SYSTEM WITH FARE ZONE
- TRAMWAYS & TIME ZONES FROM NELSON HILL
- 1st FARE ZONE
- 2nd FARE ZONE
- RAILWAY LINES & THE LONDON DUBLIN SYSTEM
- MOTOR BUSES ROUTES
- POINTS OF CONNECTION VEHICULAR TRAFFIC
- CANALS & LOCKS



The DUBLIN UNITED TRAMWAYS Co. (1896), Ltd
 Showing Track Layout as in 1908, with subsequent changes where applicable.
 5-3 Track gauge 54 1/2 inch. 92 1/2 inch. Gauge. Opened 1872-1906. Closed 1931-49
 INCLUDING CH.W.T. BUS ROUTE D.U.T.
 ——— TRAM TRACK ——— OTHER ROADS ——— RAILWAY ——— MUNICIPAL BOUNDARY
 ROUTE NUMBERS AND TERMINALS ALL SHOWN ARE THE MOST IMPORTANT OR LONGEST IN THE DISTANCE, AND VARIOUS SHORT-LIVED VARIATIONS ARE OMITTED HERE.

PHIBSBOROUGH 'CABRA' DEPOT
 TRAVERSER INSIDE

DUBLIN CORPORATION SCAVENGING DEPOT & DUST DESTRUCTOR
 WITH TRAMWAY CONNECTION

DUBLIN AND LUCAN TRAMWAY COMPANY ELECTRIC TRAMWAY

KILMAINHAM STATIONS

PARKGATE ST. TERMINUS
 UNTIL 1928

DUBLIN & LUCAN ELECTRIC TRAMWAY COMPANY DEPOT
 1928

CONYNGHAM ROAD DEPOT
 AFTER D.U.T. CO. EXTENSION IN 1928 TO 400N DLET TRACK.

KINGSBRIDGE DEPOT
 (CLOSED 1928 AND ACQUIRED BY GUINNESS)

KILBARRACK DEPOT
 BLACKBANKS DEPOT

CONTINUATION (AT REDUCED SCALE) BEYOND TOP RIGHT CORNER OF MAIN MAP.
 CLONTARF AND HILL OF HOWTH TRAMWAY COMPANY OPERATED ON LEASE BY DUBLIN UNITED 1907-1940

CLONTARF DEPOT
 D.U.T. CO. 1922

BLACKBANKS DEPOT
 CLONTARF AND HILL OF HOWTH TRAMWAY CO. 1922

CLONTARF DEPOT

DOLLYMOUNT DEPOT

BALLYBOUGH DEPOT

CLONTARF DEPOT

IRISHTOWN DEPOT

RINGSEND POWER STATION

SANDYMOUNT DEPOT

INCHICORE TERMINUS
 24 1908

INCHICORE DEPOT

INCHICORE DEPOT

DARTRY ROAD DEPOT

CLONSKEA DEPOT

DARTRY ROAD DEPOT

CLONSKEA DEPOT

DONNY-BROOK DEPOT

TERENURE CROSSROADS

TERENURE DEPOT

BLACKROCK DEPOT

DALKEY DEPOT AND TERMINUS

ROTUNDA

NELSON'S FILLAR

GENERAL POST OFFICE

ABBAY STREET MIDDLE

24-25-26 RIVER

BANK OF IRELAND

TRINITY COLLEGE

KINGSTOWN, LATER DUN LAOGHAIRE

DALKEY

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BASED MAINLY ON THE 1906 AND 1936 25-INCH ORDNANCE SURVEYS.
 DRAWN J.C. GILLHAM, NOV 78, No 355

La “NUOVA” storia dei tram a Dublino

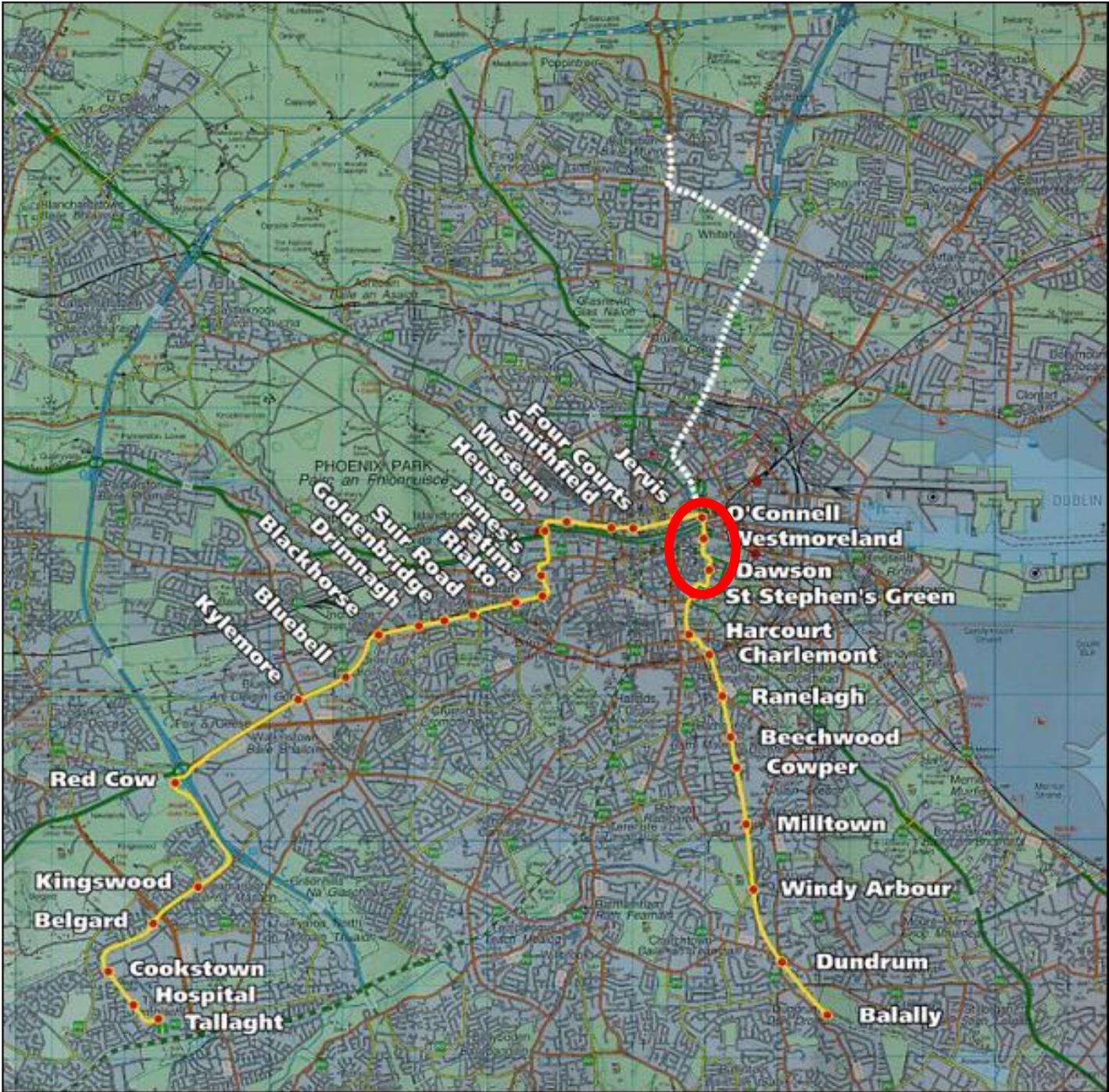


1998-2015 - Railway Procurement Agency (ora TII)

- 1998 - Project Office per la realizzazione di una linea tramviaria (personale distaccato da Irish Rail)
- Trasformata nel 2001 in Agenzia Governativa Autonoma
- Mandato: progettare, realizzare e gestire Tram, Metro e sistemi di supporto al trasporto collettivo per Dublino
- Fino al 2010 completamente indipendente da altre Agenzie e modalita' (Bus, treni regionali)
- Nel 2010 viene creata NTA che coordina le attivita' di RPA e delle altre Agenzie di trasporto collettivo (Dublin Bus...).
- Nel 2015 viene incorporata nella NRA (National Road Authority) e diventa TII (Transport Infrastructure Ireland)
- Il suo mandato in termini di pianificazione viene assorbito da NTA

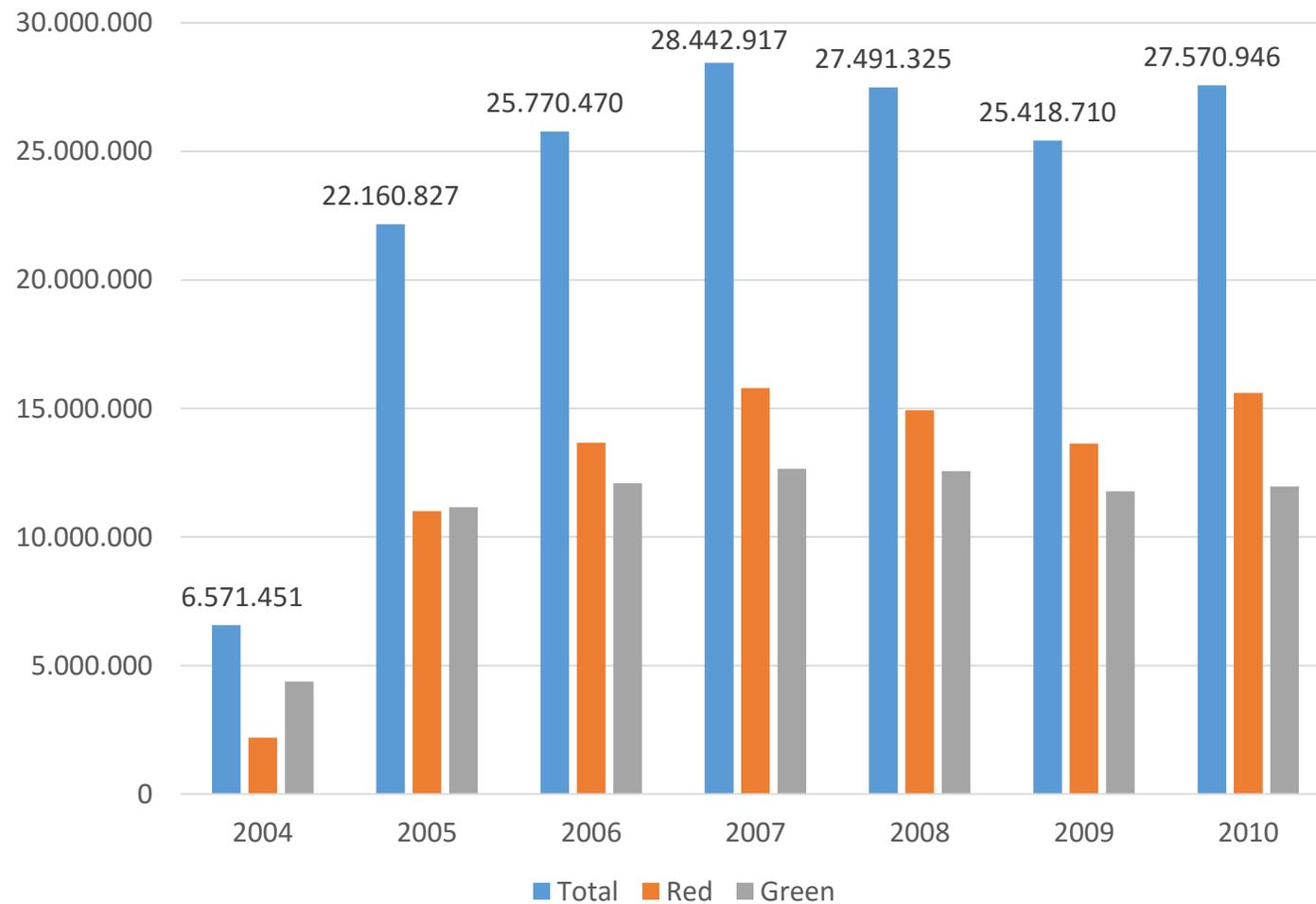
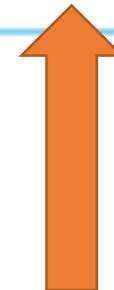


Idea iniziale



Traffico e revenues

35m - 2017



Operational Surplus:

- 2004 – €662,000
- 2005 – €825,000
- 2006 – €4.6m
- 2007 – €6.6m
- 2008 – €7.4m
- 2009 – €3.8m
- 2010 – €1.9m

Elementi di successo – Rivoluzione del TP

- Predictability – frequency and journey time
- Reliability – consistent performance
- Satisfies demand for high quality
- Environment & User friendly and fully accessible
- Extended hours of operation
- Benefits of public / private partnering
- Convenient and well located stop locations

The success of Luas illustrates that:

- High quality service results in changeover to public transport
- Luas is a strong catalyst for sustainable development and rejuvenation



Innovazione – impatto urbanistico



Informazioni tecniche

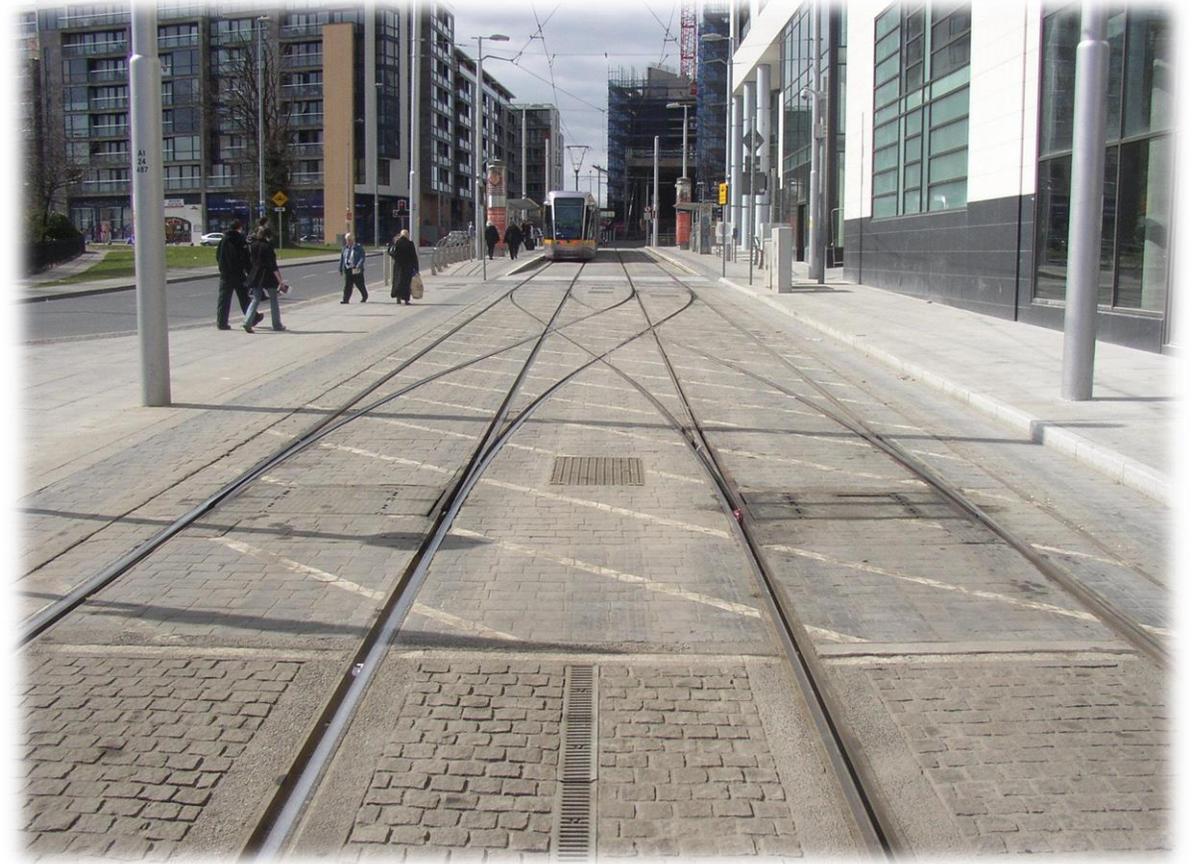
- Velocita' massima 70km/h
- Massima pendenza 6%
- Raggio minimo orizzontale 25m
- Scartamento 1435mm
- Larghezza corridoio 6200mm - 6600mm.
- Vetture Citadis Alstom: L 35m (2004) - L 43m (2006) - L 55m (2017)
- 5 tipi di binario (ballast-piastra-verde-allettato-su plinti)
- Tutte fermate in rettilineo ed a pendenza costante, 280mm sul p.f.
- Alta priorità alle intersezioni.
- Informazione attiva all'utenza.
- Rete CCTV e CTC unico per la gestione circolazione. Marcia a vista.



Qualita' – Finiture - Urbanistica



Centro storico, corridoio dedicato



Capolinea nel nuovo quartiere di Tallagh,
progetto integrato

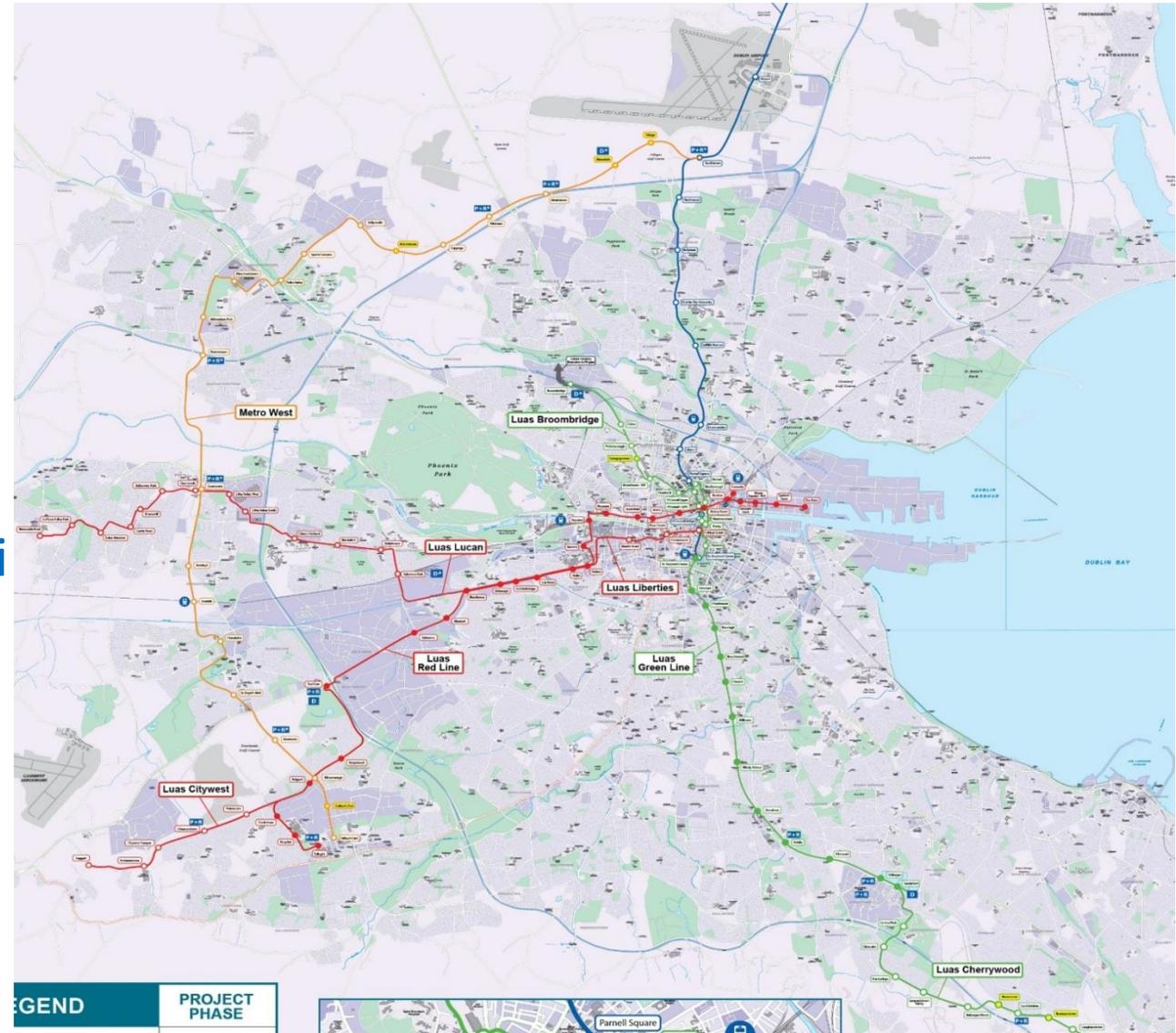
Dal 2008 ad oggi



La pianificazione del 2008 – pre-crisi

Sull'onda del successo

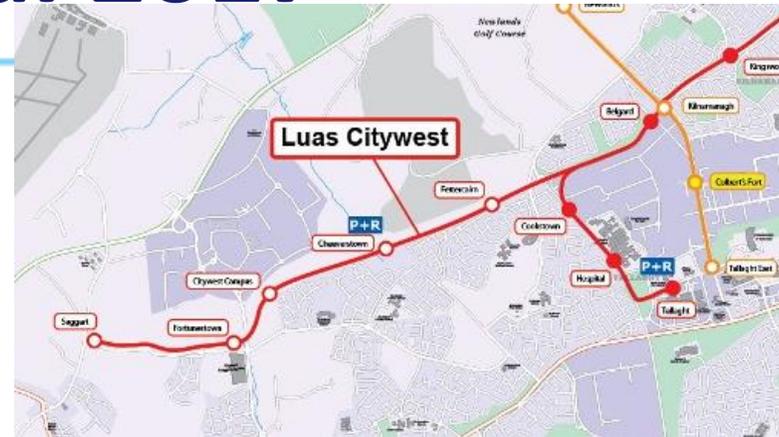
- Estendere le linee in quattro direzioni
- Tre nuove linee
- Finanziamenti misti
- Coordinamento con le varie autorità locali
- Coordinamento (e finanziamento) con i costruttori delle nuove aree di espansione
- ...tutti vogliono la Luas!



Cosa e' stato fatto dal 2008 al 2017

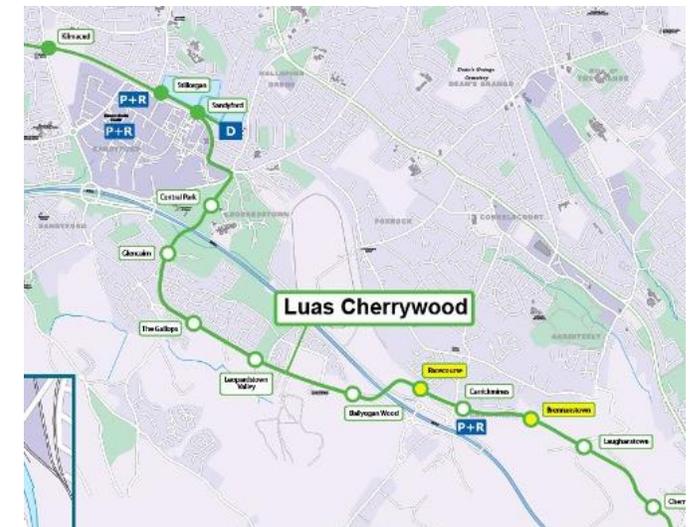
A1: 4.3km – 5 stops.

Estensione Linea Rossa verso periferia Sud-Ovest.
2011.



B1: 7.5km – 11 stops.

Estensione Linea Verde verso periferia Sud-Est.
2010.



C1: 1.5km – 4 stops.

Estensione Linea Rossa Centro Citta'.
2009.





Cosa e' stato fatto dal 2008 al 2017

4° estensione: LUAS CROSS CITY (LCC)
(servizio passeggeri Novembre 2017)

5.6km doppio binario

3.0km nel centro citta'

11 fermate

1 deposito-manutenzione

3 nuovi ponti

3 ponti esistenti

Nuove strutture contro terra

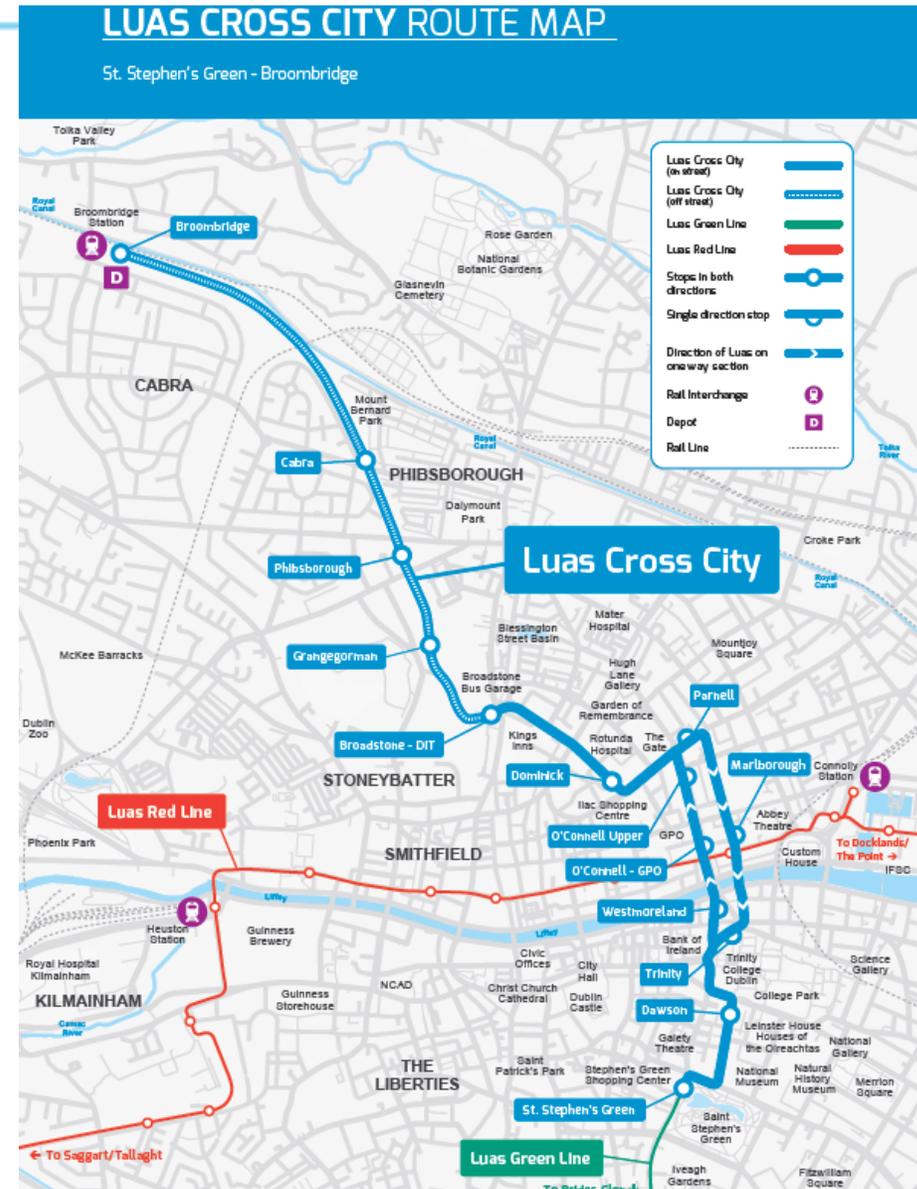
+10m passeggeri/anno

360m budget

1.5 anni lavori sottoservizi

2 anni lavori civili-ferroviari

6 anni planning-design



La rete Luas oggi



La rete Luas oggi

44km
 3 depositi
 66 fermate
 45m passeggeri/anno (previsione)
 125,000 passeggeri/giorno

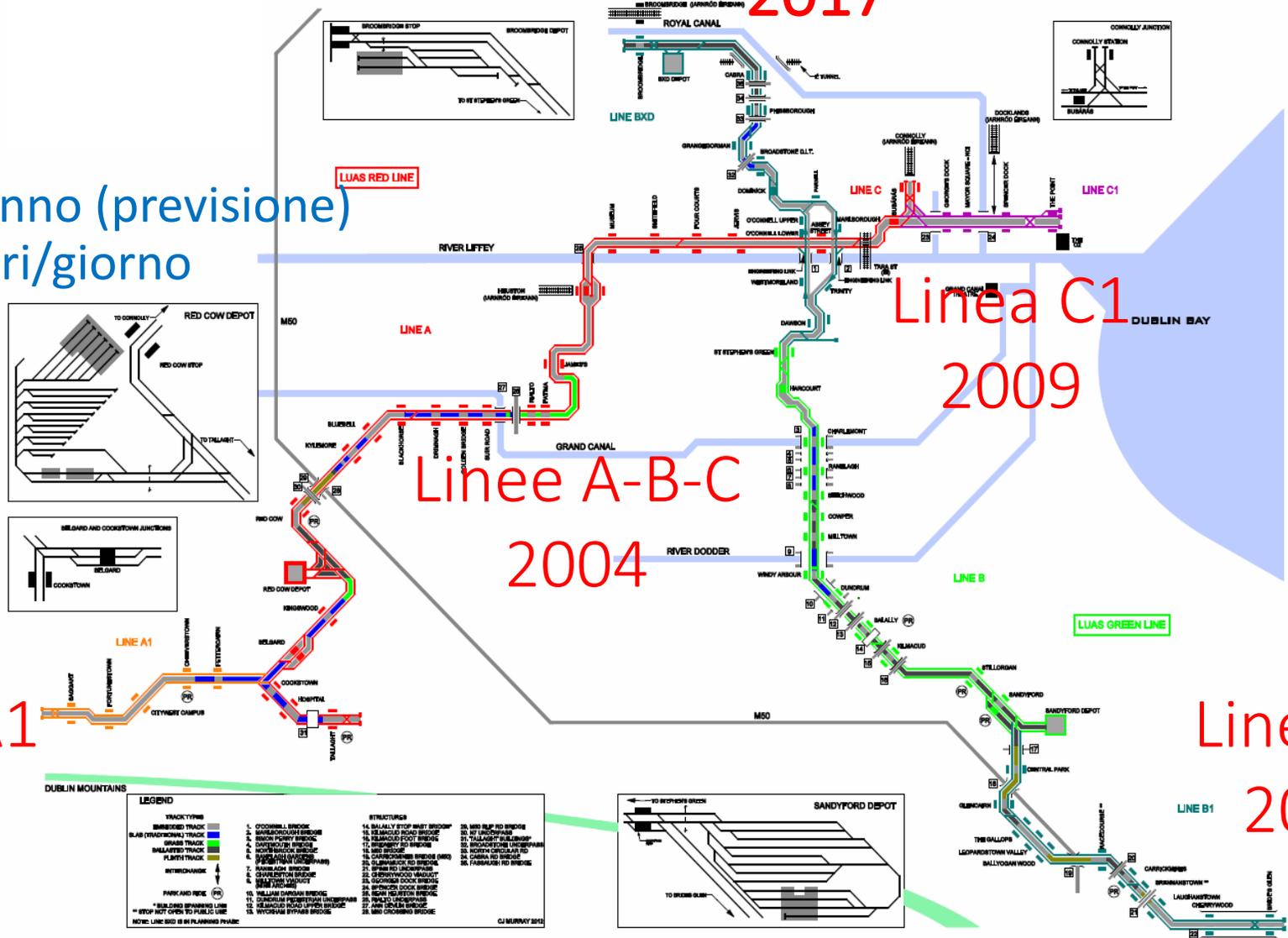
Linea LCC
 2017

Linea C1
 2009

Linee A-B-C
 2004

Linea A1
 2011

Linea B1
 2010





Le sfide di Luas Cross City

Le sfide di Luas Cross City

LCC sarebbe stata impossibile senza consenso di tutti gli «stakeholders»:

- durante la pianificazione
- durante la costruzione

Sfide

- Tagliare il cuore del centro storico
- Impatto sul traffico (temporaneo e permanente)
- Rimozione parcheggi, fermate bus, taxi
- Impatto sul commercio
- Centro storico «ripensato»
- Creare nuovi spazi pubblici di elevato livello urbanistico





Durante i lavori...

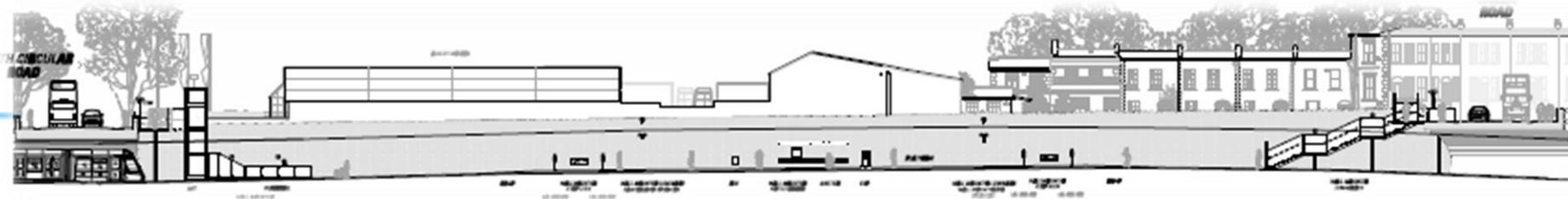
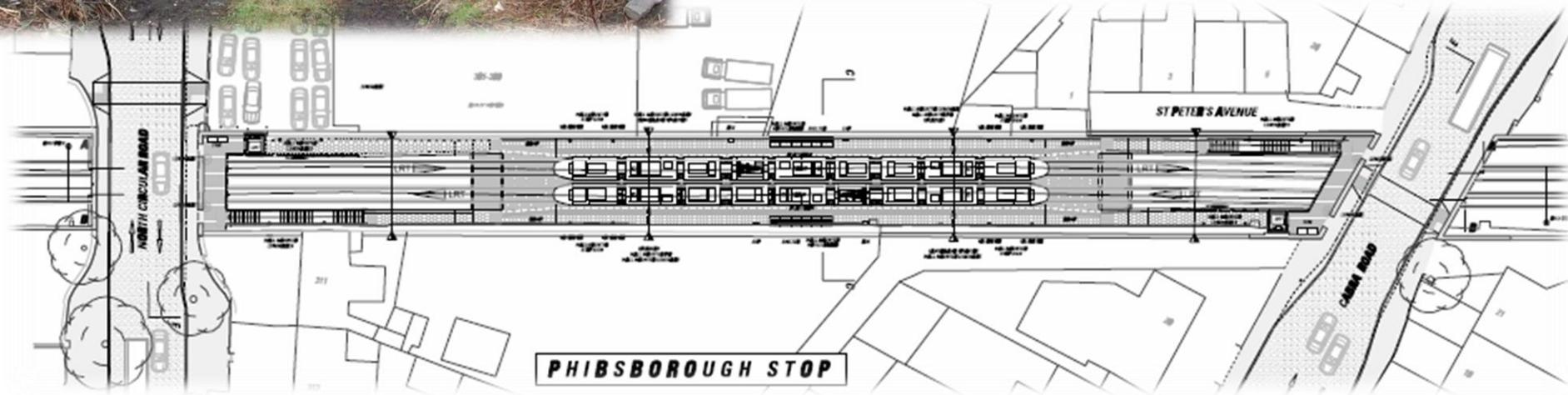
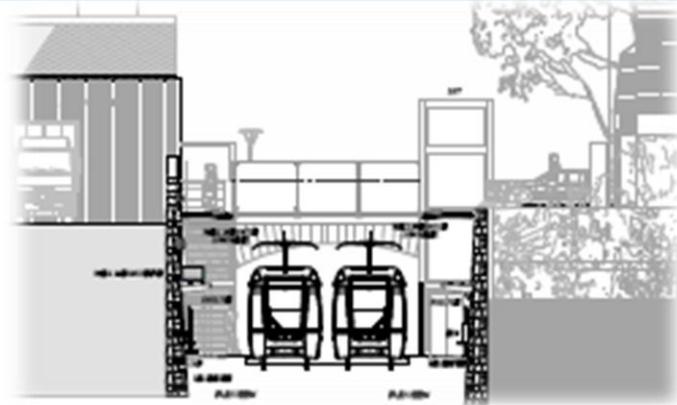




...dopo i lavori



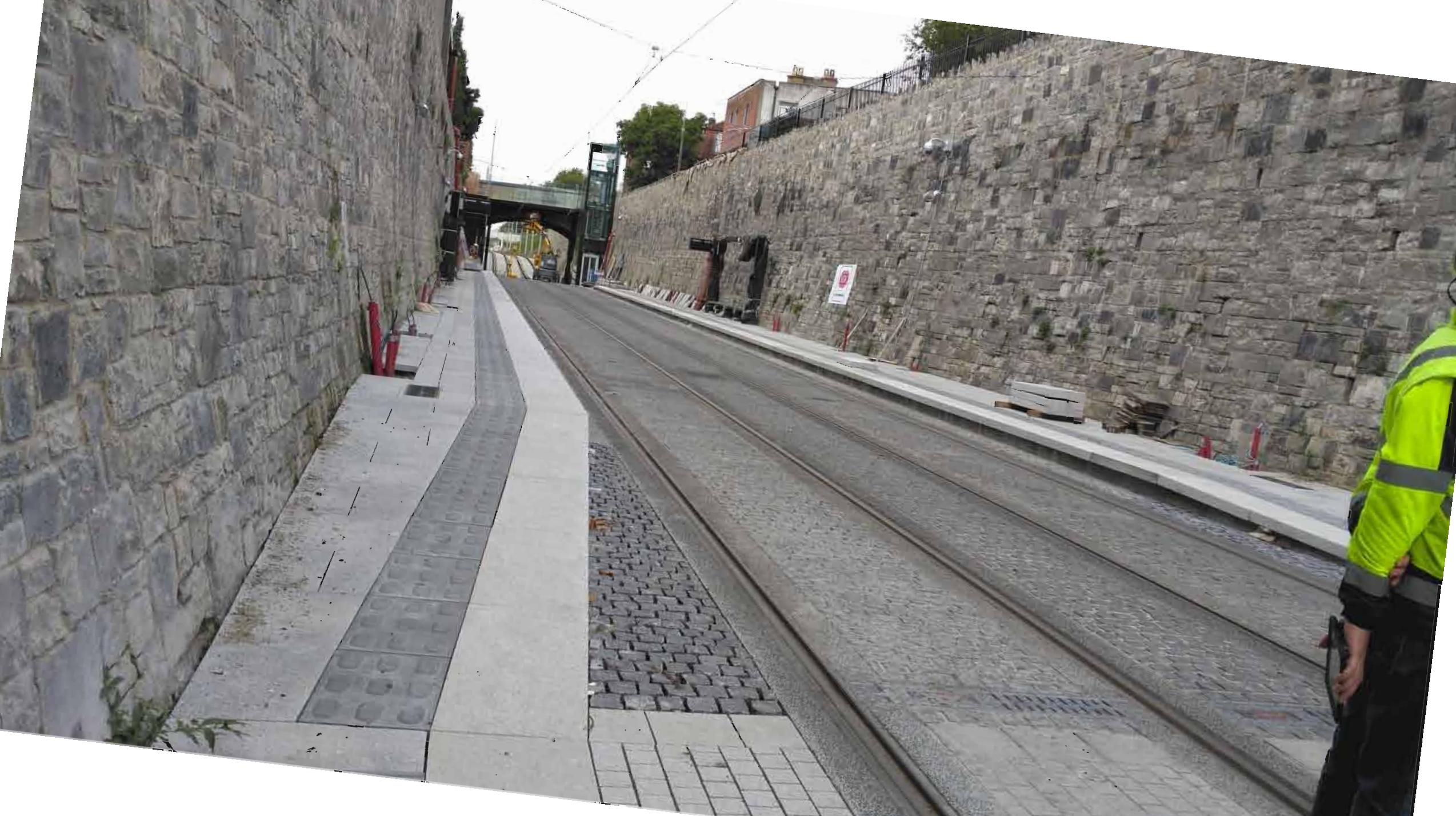
I benefici per la comunità'















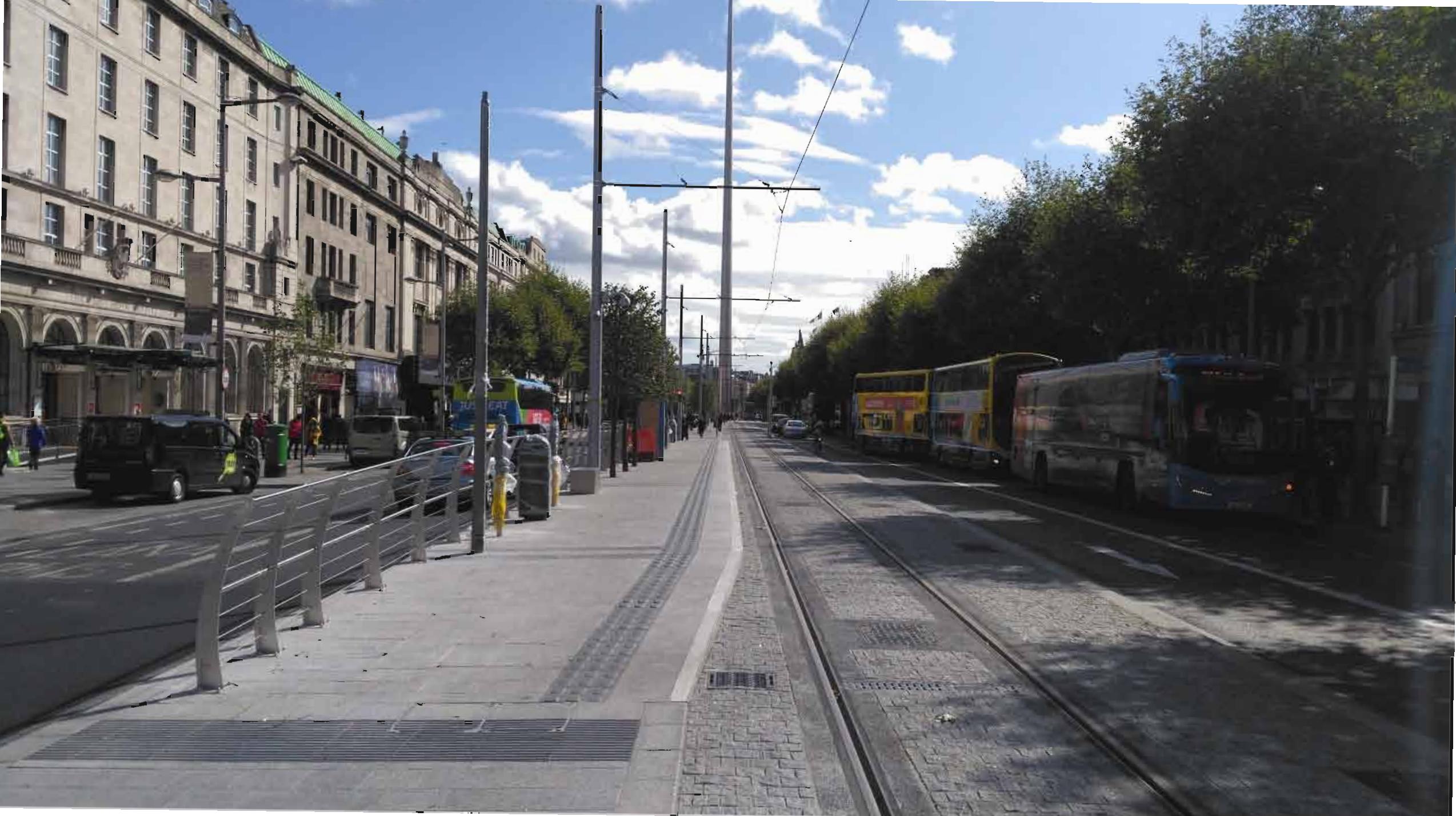
GATE

ables
AMBASSADOR

BAR MURRAY GRILL

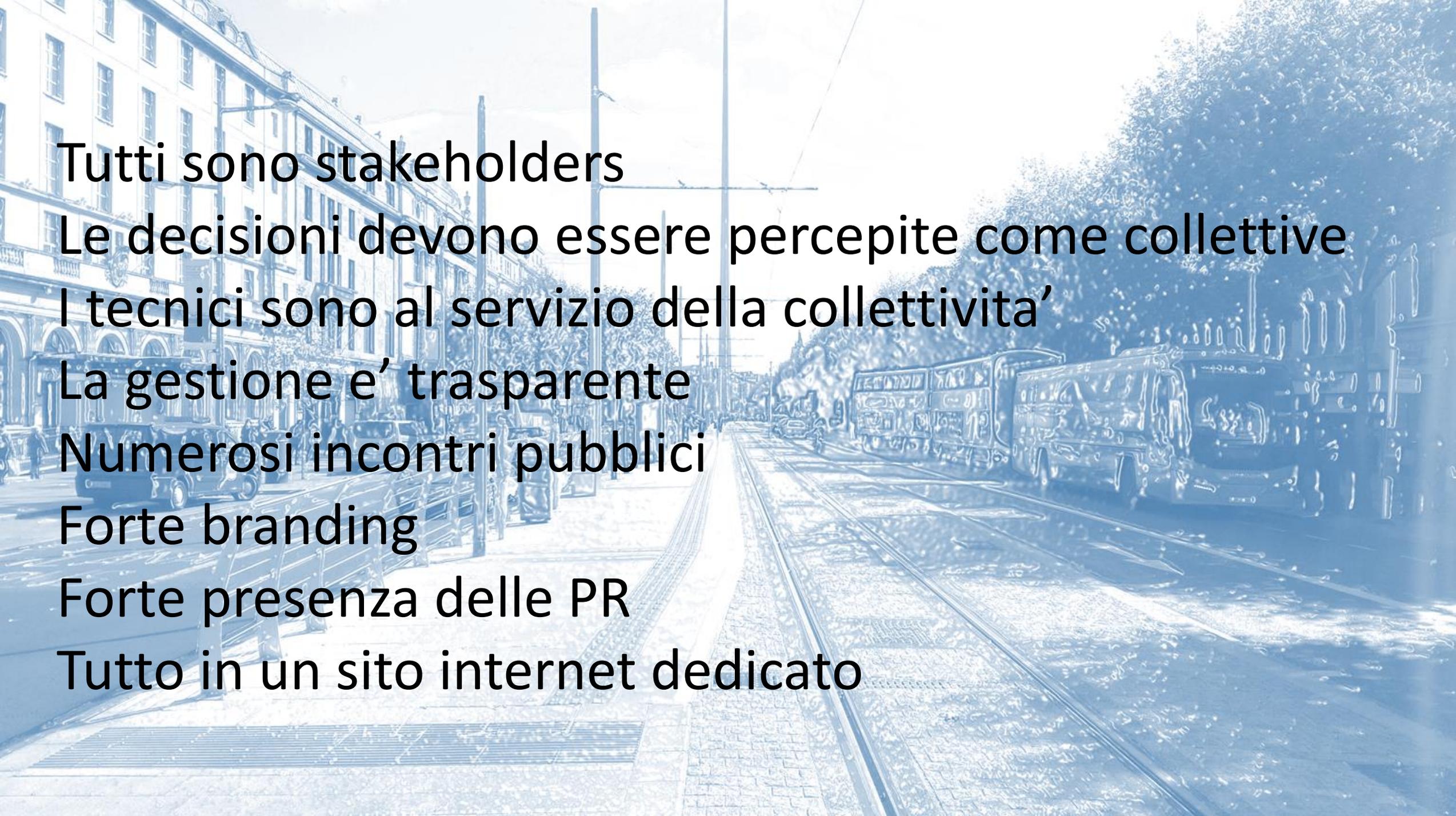


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**Creare consenso e
coinvolgimento**



Tutti sono stakeholders

Le decisioni devono essere percepite come collettive

I tecnici sono al servizio della collettività

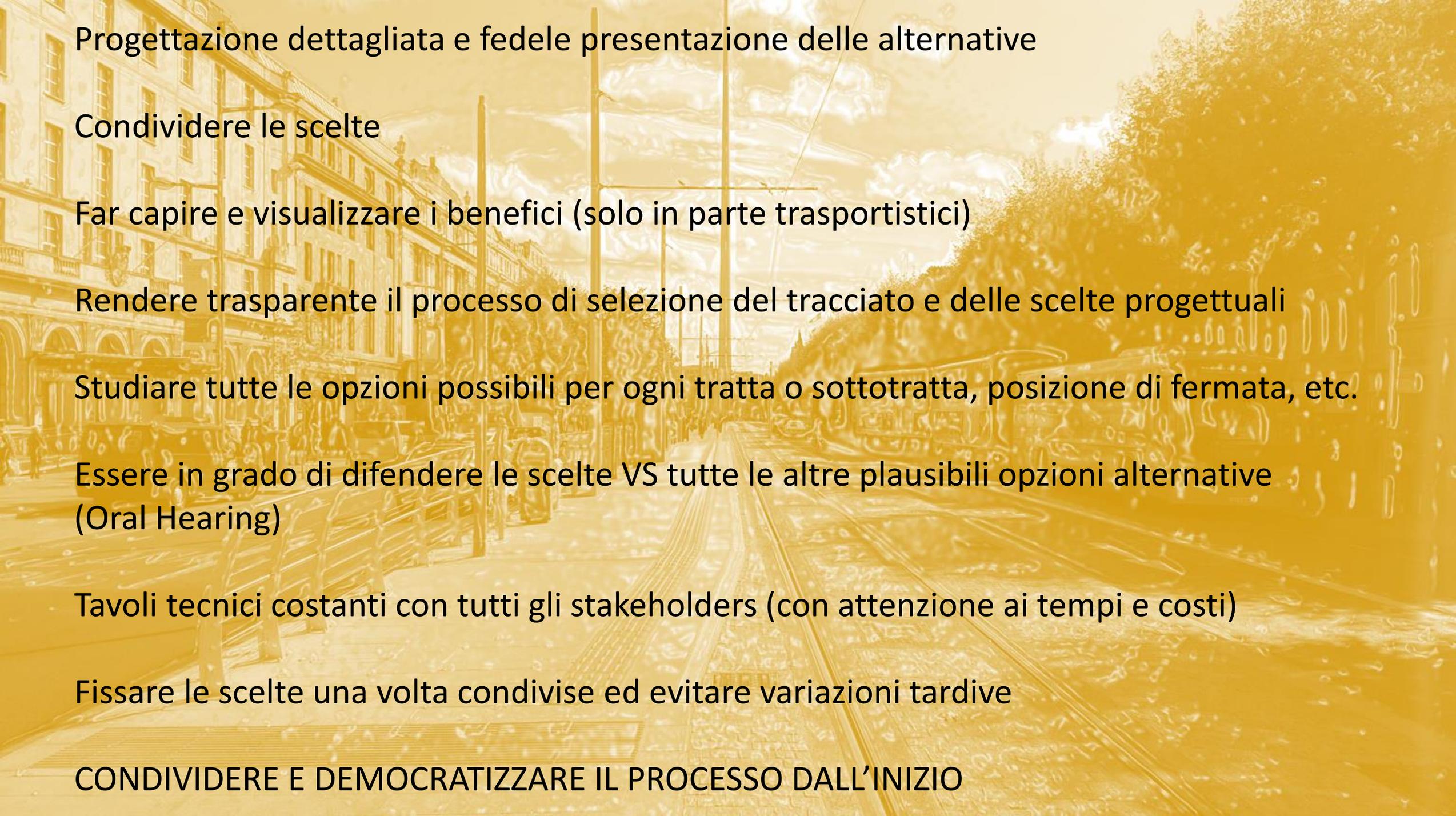
La gestione è trasparente

Numerosi incontri pubblici

Forte branding

Forte presenza delle PR

Tutto in un sito internet dedicato



Progettazione dettagliata e fedele presentazione delle alternative

Condividere le scelte

Far capire e visualizzare i benefici (solo in parte trasportistici)

Rendere trasparente il processo di selezione del tracciato e delle scelte progettuali

Studiare tutte le opzioni possibili per ogni tratta o sottotratta, posizione di fermata, etc.

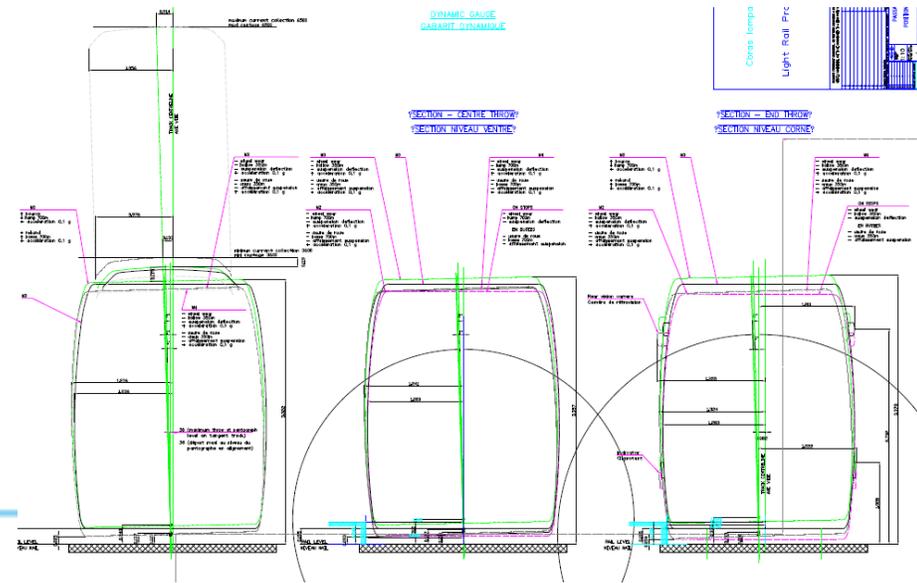
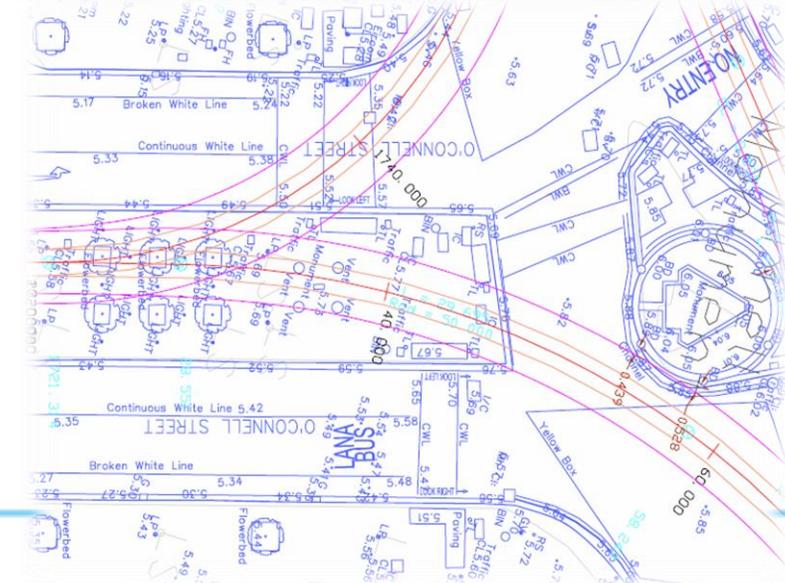
Essere in grado di difendere le scelte VS tutte le altre plausibili opzioni alternative (Oral Hearing)

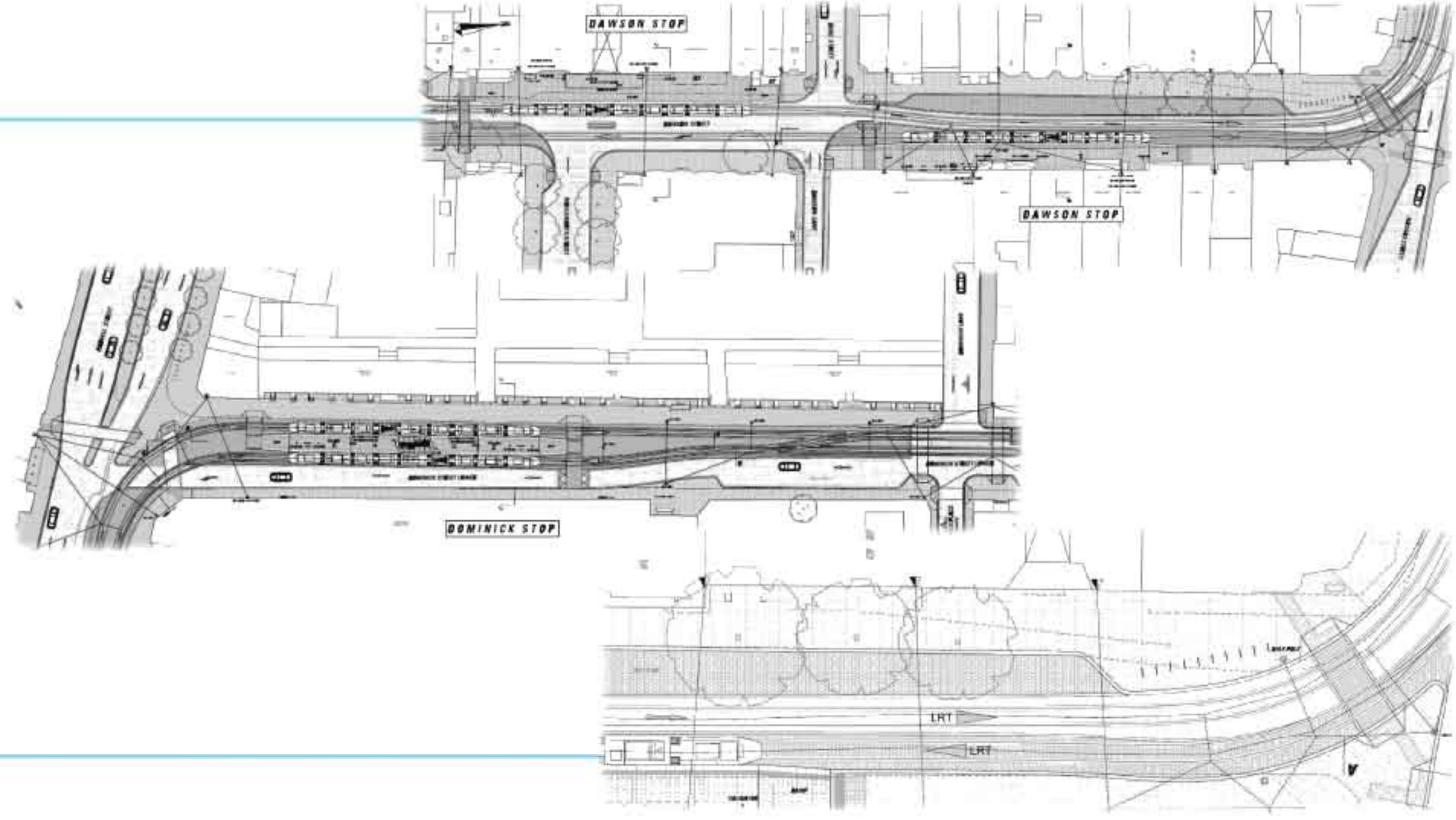
Tavoli tecnici costanti con tutti gli stakeholders (con attenzione ai tempi e costi)

Fissare le scelte una volta condivise ed evitare variazioni tardive

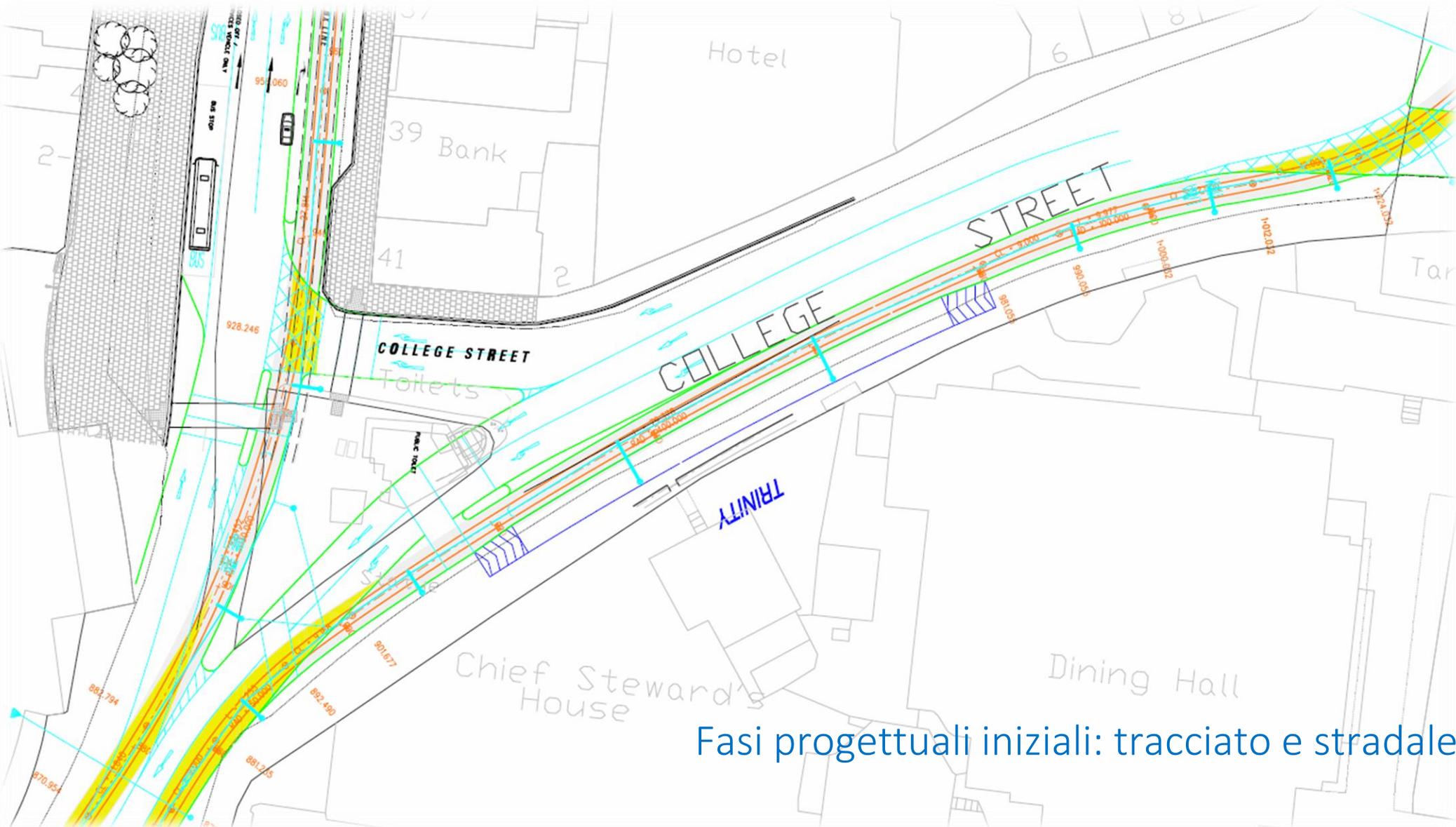
CONDIVIDERE E DEMOCRATIZZARE IL PROCESSO DALL'INIZIO

Progettazione dettagliata fin dalle fasi iniziali

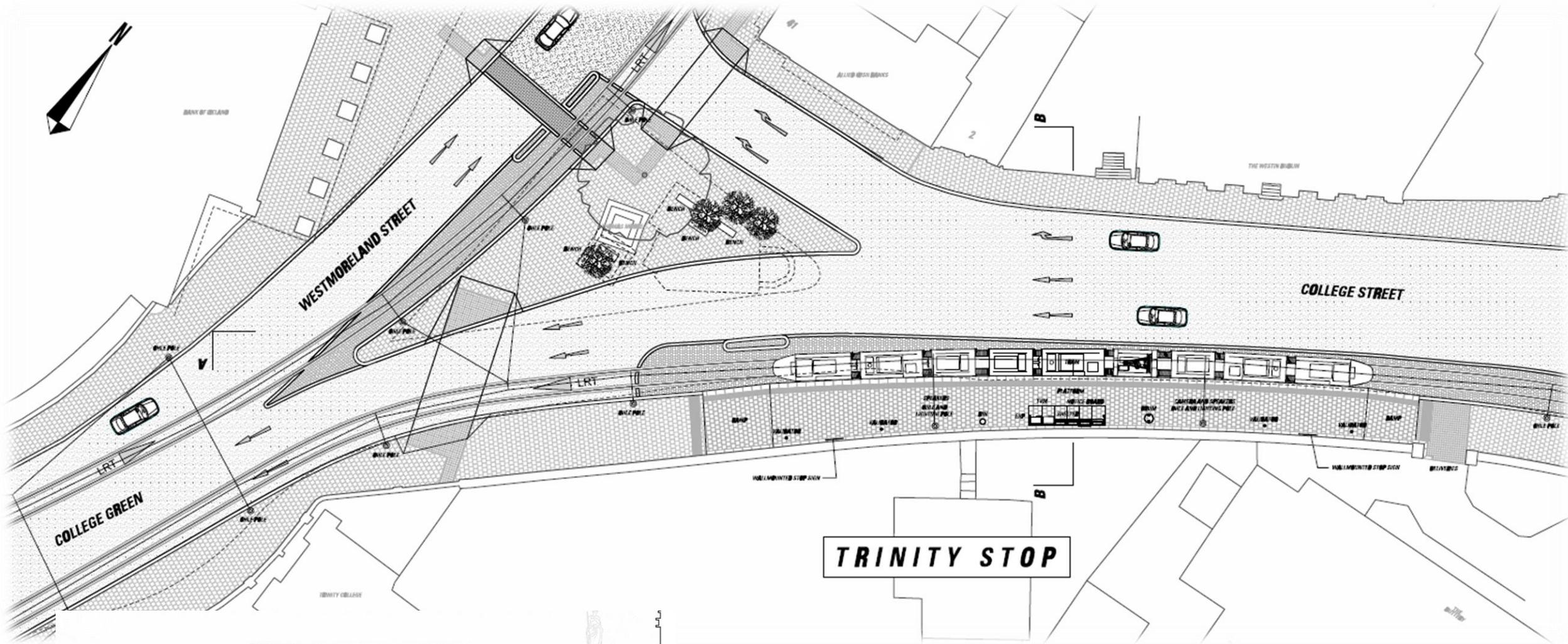




Progettazione integrata ferro-strada-pedoni



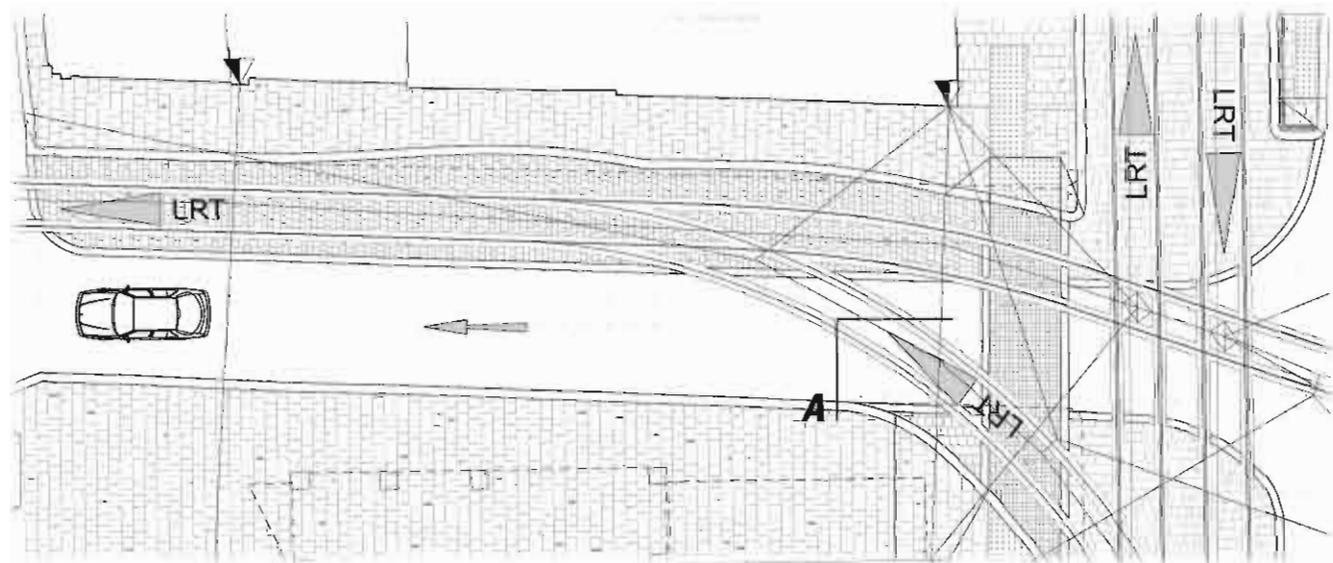
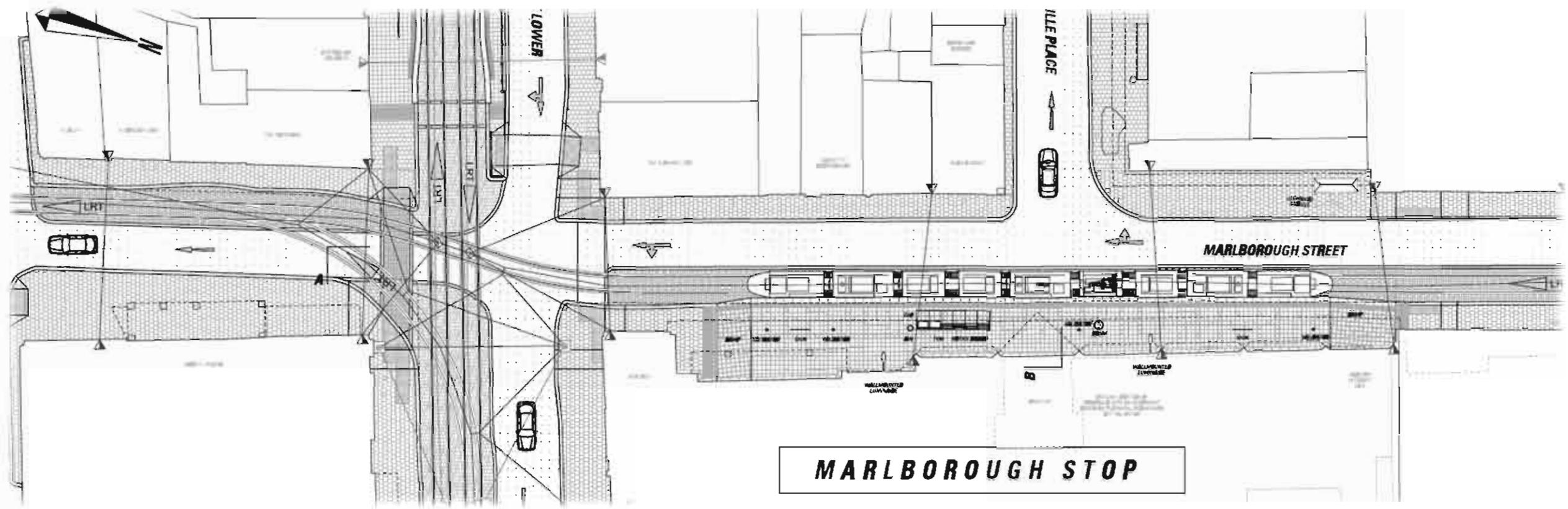
Fasi progettuali iniziali: tracciato e stradale



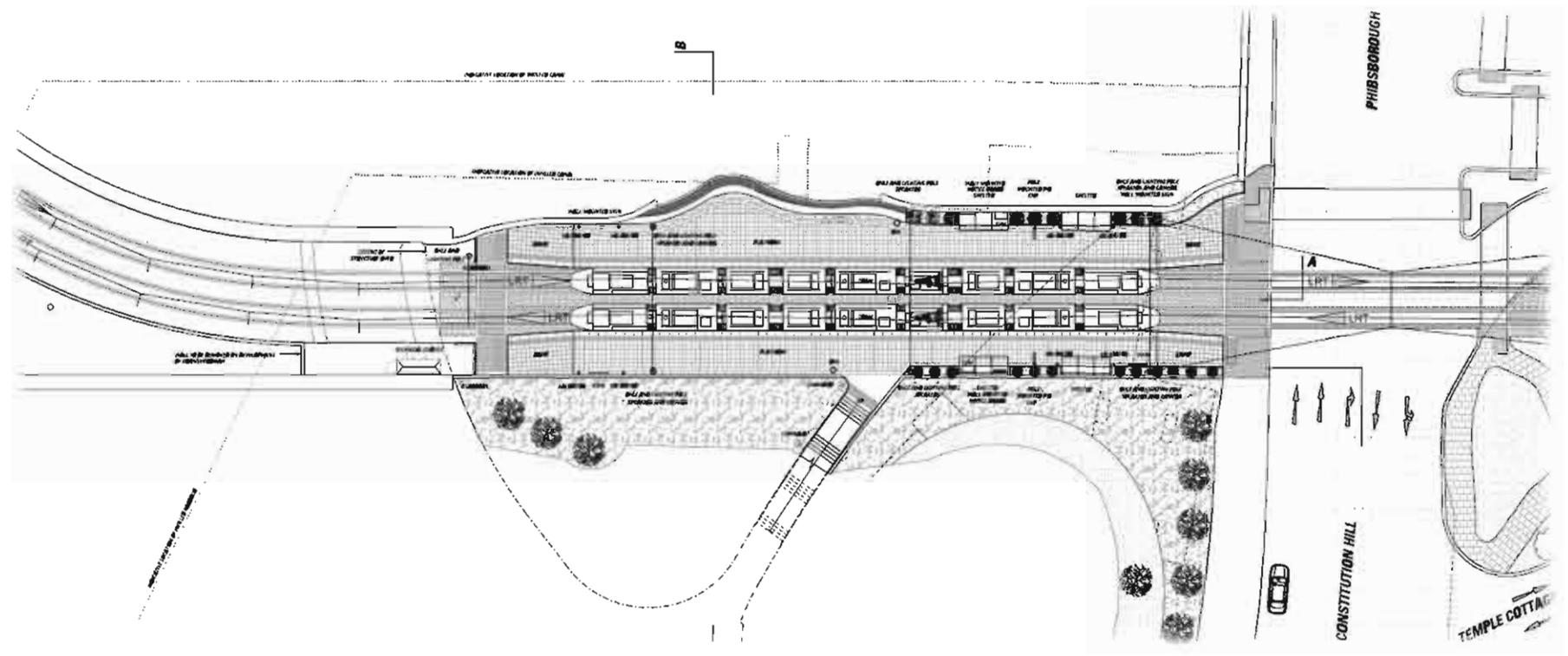
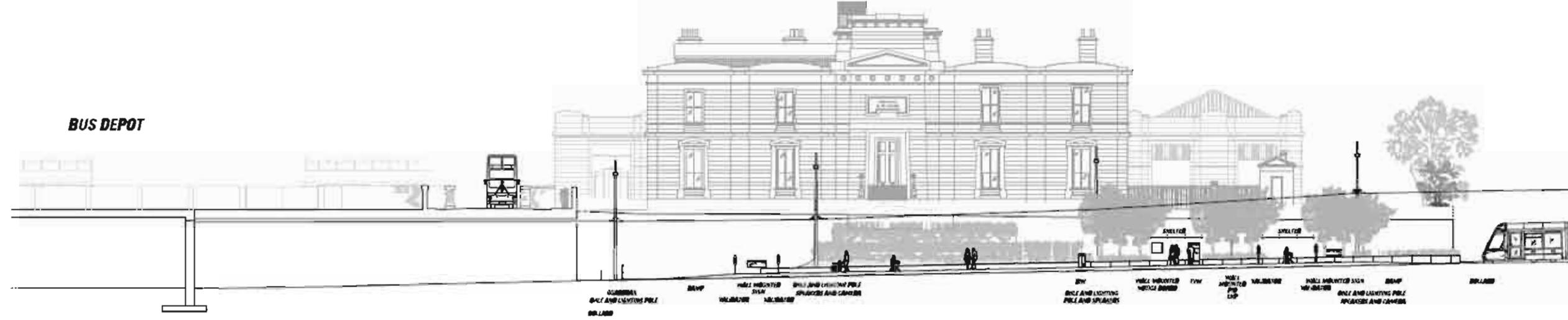
TRINITY STOP



Fasi progettuali complete:
 architettonico-finiture-pedonale-catenaria



BUS DEPOT





OPEN DAY

The Railway Procurement Agency (RPA) is developing plans for the proposed new Luas Line that will run from St. Stephen's Green through the city centre to Broombridge - Luas Line BXD. This new Luas Line will link the Luas Red and Green Lines, provide access to the new unified DIT campus facility planned for Grangegorman, and interchange with the Maynooth suburban rail line services at Broombridge.

RPA is currently preparing an application for a Railway Order for Line BXD which, if granted, will provide the necessary powers to construct, operate and maintain the line.

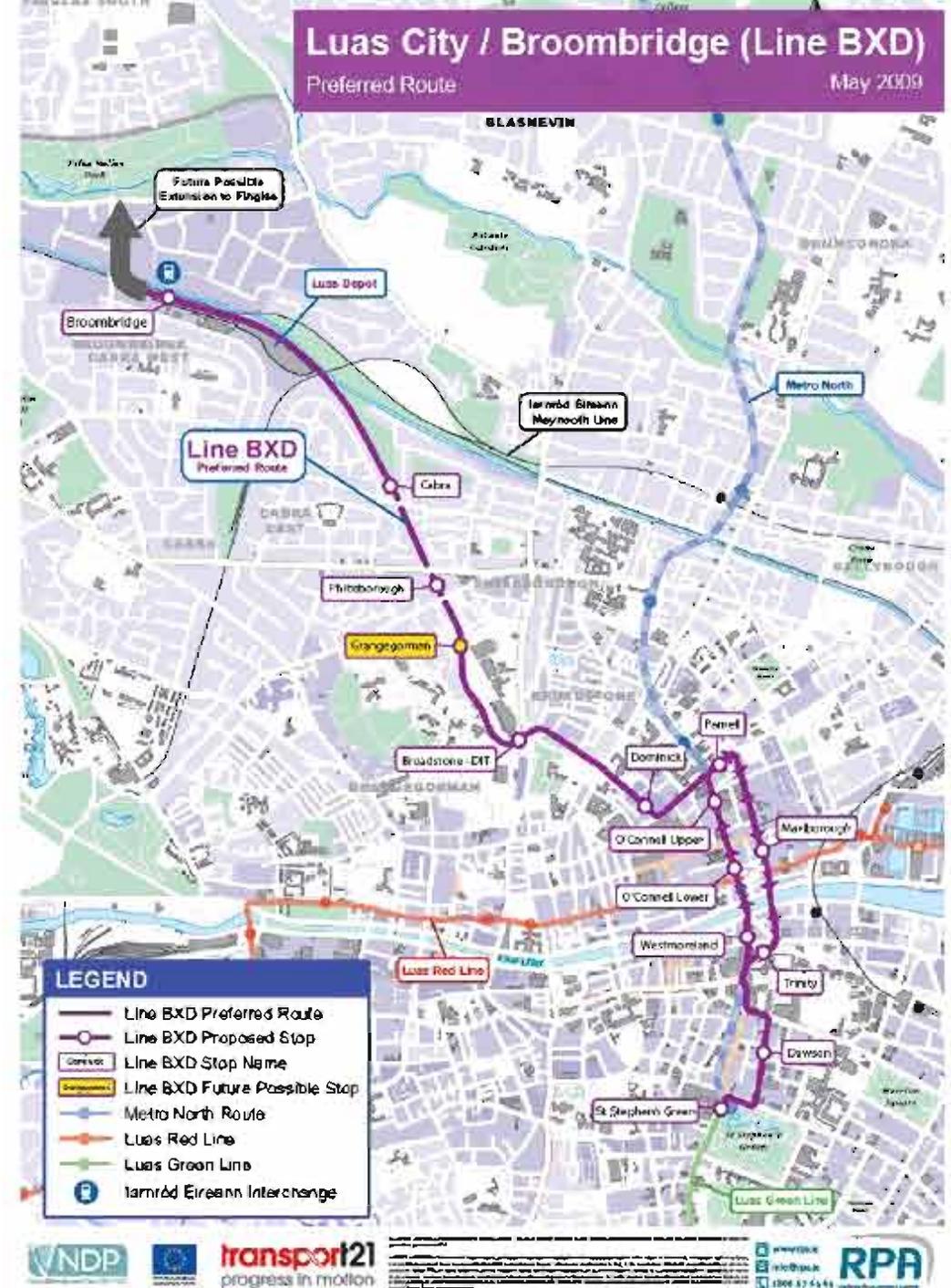
RPA has made arrangements to display its proposals for the city centre section from College Green to Broadstone via O'Connell Street as follows:

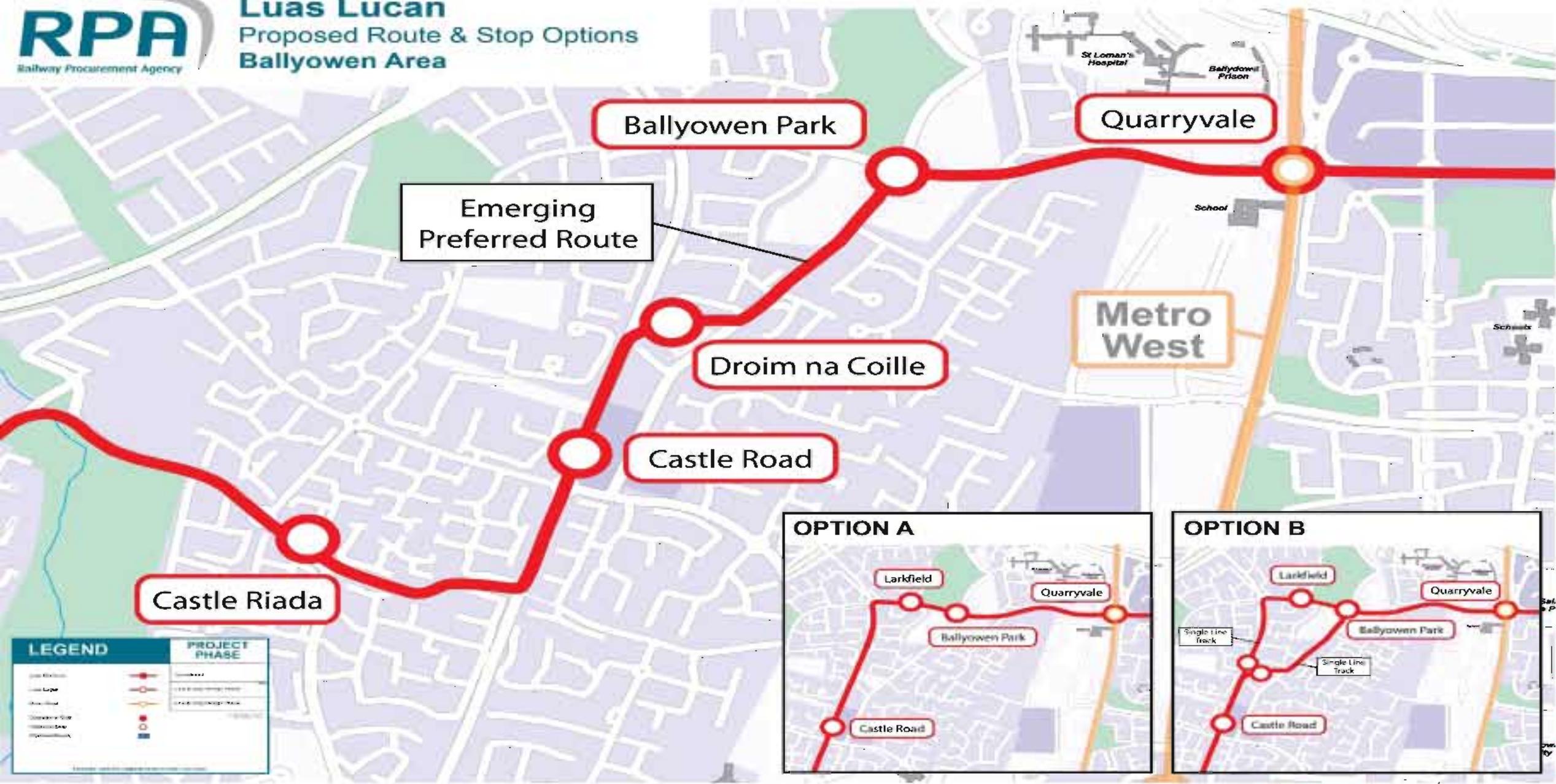
-  **Venue:** Jury's Hotel, Parnell Street
-  **Date:** Wednesday 10th June
-  **Time:** 4.00 p.m. to 8.00 p.m.

RPA values your input to the process of planning and delivering a further extension to the city's Luas system and we look forward to seeing you on the day. Members of the design team will be present to answer queries and listen to your comments.

Arrangements will be made soon for similar displays focusing on the remaining areas of the line.

Have your say! If you have any queries please do not hesitate to contact RPA on Freephone 1800 67 64 64 or email info@rpa.ie





Castle Riada

Ballyowen Park

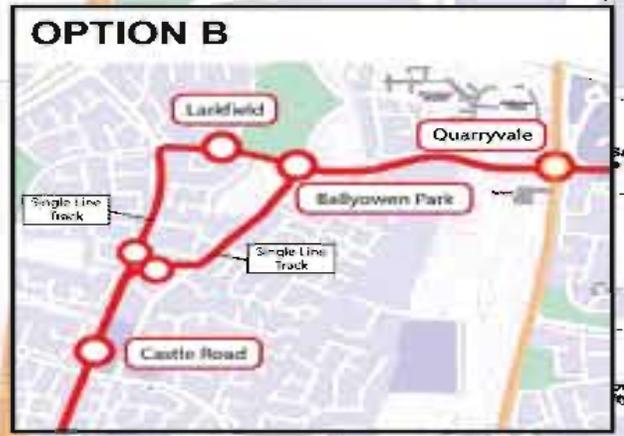
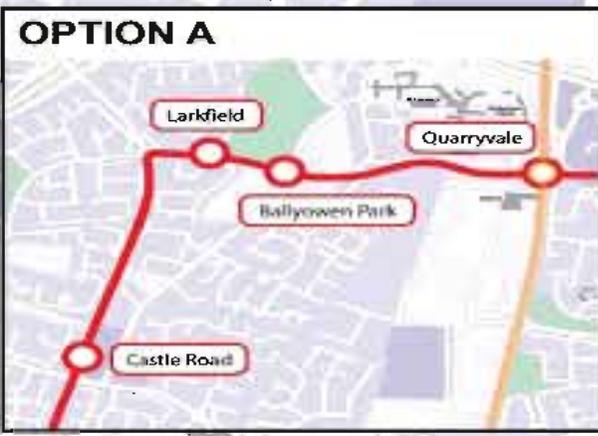
Quarryvale

Emerging Preferred Route

Droim na Coille

Metro West

Castle Road

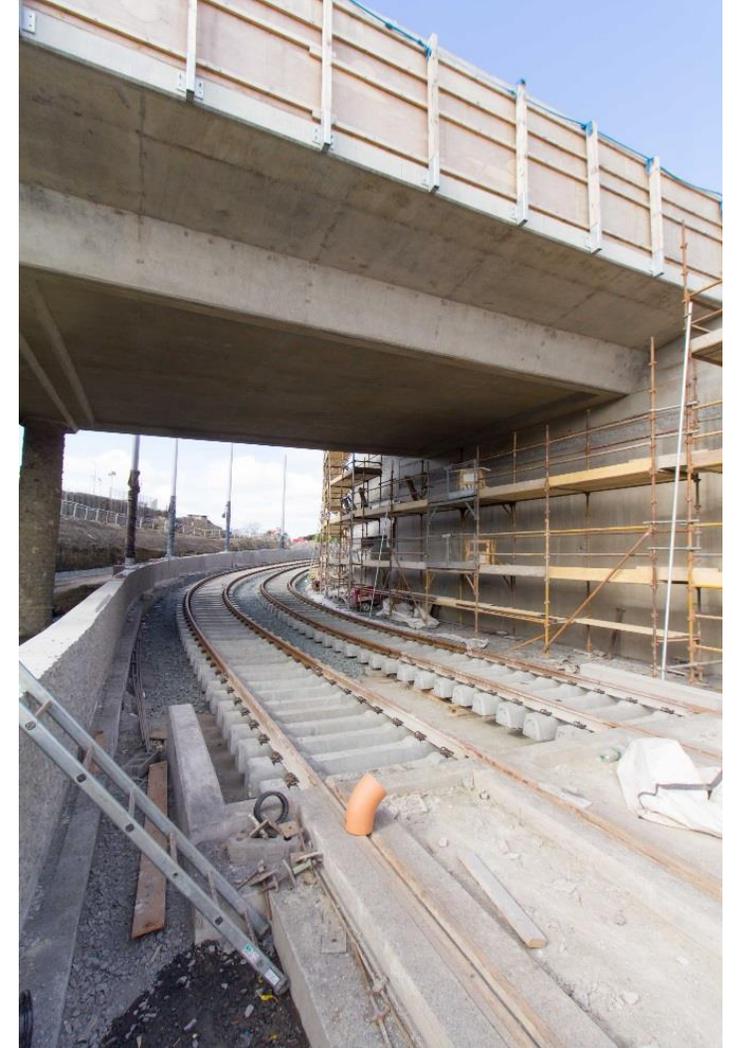


LEGEND		PROJECT PHASE	
Proposed Line	Proposed Stop	Completed	Proposed
Proposed Loop	Proposed Loop Stop	Under Construction	Under Construction
Proposed Branch	Proposed Branch Stop	Under Construction	Under Construction
Proposed Spur	Proposed Spur Stop	Under Construction	Under Construction
Proposed Overpass	Proposed Overpass Stop	Under Construction	Under Construction
Proposed Underpass	Proposed Underpass Stop	Under Construction	Under Construction

A photograph of a city street with tram tracks, overlaid with a blue and green graphic containing text. The street is lined with brick and stone buildings, and there are trees and pedestrians visible. The text is in a white, sans-serif font, with the words 'Luas Cross City', 'Public Consultation', and 'Dawson Stop' stacked vertically. The background of the text is a blue and green gradient.

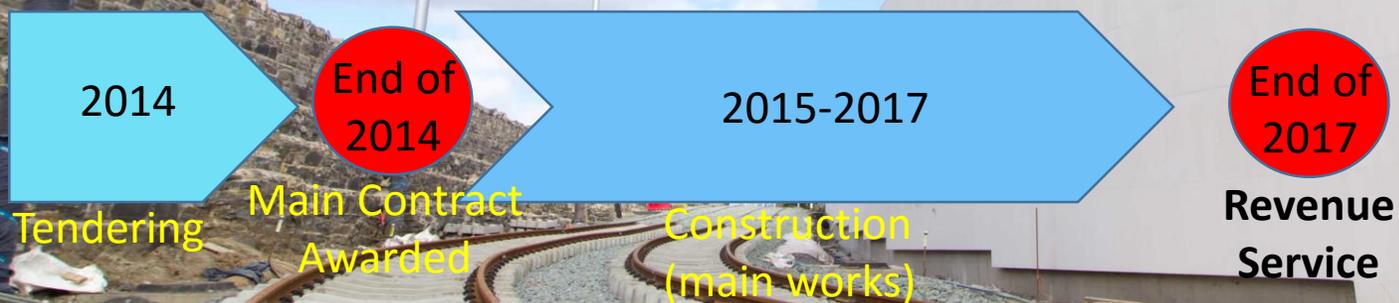
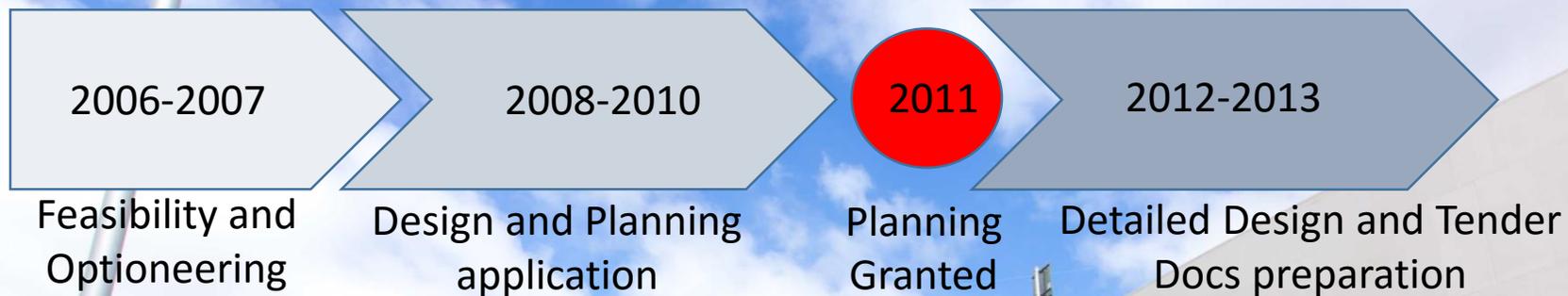
*Luas Cross City
Public Consultation
Dawson Stop*

Accuratezza e qualita' costruttiva





Rispetto dei tempi



COUNTDOWN TO LAUNCH - DECEMBER 2017

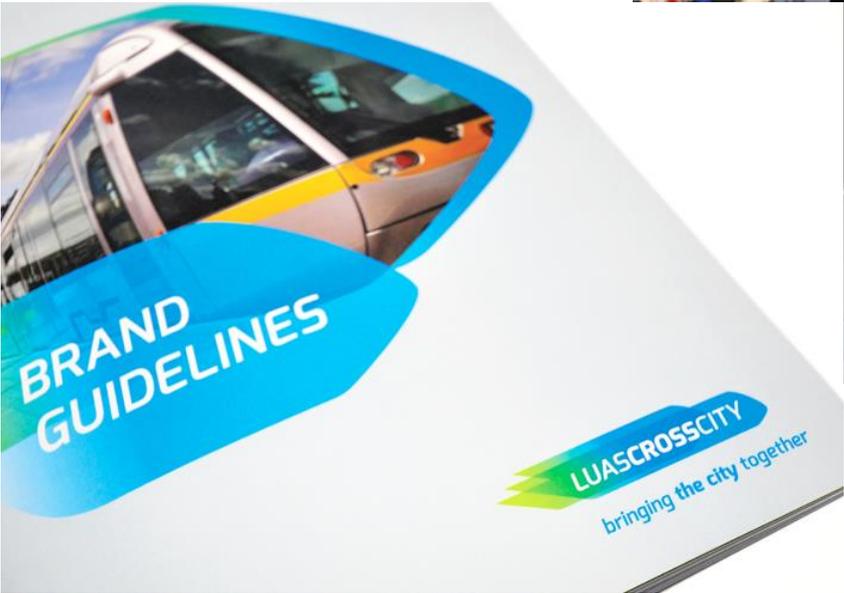


What Is Luas Cross City

- Construction commenced in June 2013 and it is scheduled to be in operation by the end of 2017.
- There will be an additional 10 million passenger journeys per year on this newly extended Luas network.
- The cost of this project is €368 million and it's one of the largest capital investment projects being undertaken by the government at the moment.
- It's the extension of the Luas Green line creating an interchange with the red line.
- There will be 13 new stops with 8 of these in the core city centre area.
- It will take 21 mins to travel from St Stephens Green to Cabra.



Branding

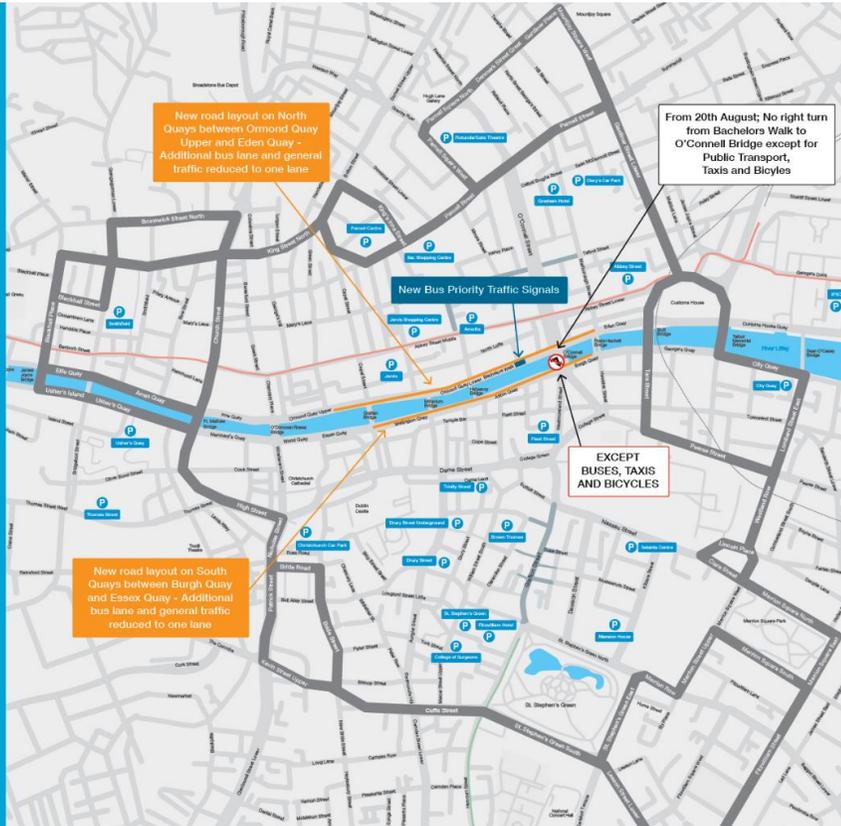


Gestione del traffico e dei frontisti

INNER ORBITAL ROUTE

KEY

- New road layout From 20th August 2017
- New Bus Priority Traffic Signals
- Turn Restriction
- Inner Orbital Route
- Car Parks
- Luas Red Line
- Luas Green Line



Comhairle Cathrach
Bhaile Átha Cliath
Dublin City Council

Informazioni aggiornate delle fasi dei lavori

LUAS CROSS CITY
Electrical Works

Installation and energisation of the overhead wires for Luas Cross City is now complete.



DANGER 750 VOLTS

These wires are now live. For your safety stay clear of these wires. For route map and further information please see www.luascrosscity.ie

Passenger services commence December 2017

LUAS TRASCHATHRACH
Oibreacha Leictreacha

Tá suiteáil agus fuinnmhiú na sreangán lasnairde don Luas Traschathrach críochnaithe anois.



DAINSEÁR 750 VOLTA

Tá na sreangáin seo beo anois. Ar mhaithe le do shábháilteacht fan glan ar na sreangáin seo. Chun teacht ar léarscáil den bhealach agus ar bhreis eolais feach www.luascrosscity.ie

Tosaíonn seirbhísí pailsinéara mí na Nollag 2017



LUASCROSSCITY Bringing the city together SEARCH 🔍

ABOUT CONSTRUCTION NEWS STOPS MAP LCC GALLERY OF IMAGES CONTACT US JOURNEY PLANNER

Tástáil Tramanna

Tram Testing

Táthar tosaithe ar thramanna do Luas Traschathrach a thástáil agus leanfar leis sna míonna atá romhainn amach. Ba chóir do choisithe, rothaithe agus do ghluaiseánaithe bheith airdeallach i gceantair ina bhfuil ráillí tram.

Testing of trams for Luas Cross City has commenced and will continue over the coming months.

Pedestrians, cyclists and motorists should use caution in areas with tram rails.



Luas ed i ciclisti

Be Track Aware

Be careful during wet or icy weather as the tram rails can be slippery.

When crossing tram rails, do so as close as possible to a right angle.

Where possible, avoid braking while on a tram rail.

Do not ride parallel & close to a tram rail as bicycle wheels can become stuck.

Tramrian TRAM TRACK

GIVE CYCLISTS SPACE

LUAS CROSS CITY - BE TRACK AWARE

New tram rails are now permanently exposed on the streets of Dublin City Centre along the Luas Cross City Route.

Please observe warning signage and road marking guidance.

Dublin City cyclists are advised to follow the guidelines below when cycling in areas with tram rails:

Be careful during wet or icy weather as the tram rails can be slippery.

When crossing tram rails, do so as close as possible to a right angle.

Where possible, avoid braking while on a tram rail.

Do not ride parallel & close to a tram rail as bicycle wheels can become stuck.

As always, cyclists should adhere to warning signage in place, cycle safely and be aware of traffic movements.

For further information, please see www.luascrosscity.ie

#betrackaware



Motorists, please be alert to cyclists, particularly in areas with tram tracks.

Always give space when driving behind or beside cyclists.

For further information, please see www.luascrosscity.ie

www.luascrosscity.ie
info@luascrosscity.ie
 1800 303 653

www.facebook.com/luascrosscity
[@luascrosscity](https://www.instagram.com/luascrosscity)

LUASCROSSCITY
bringing the city together

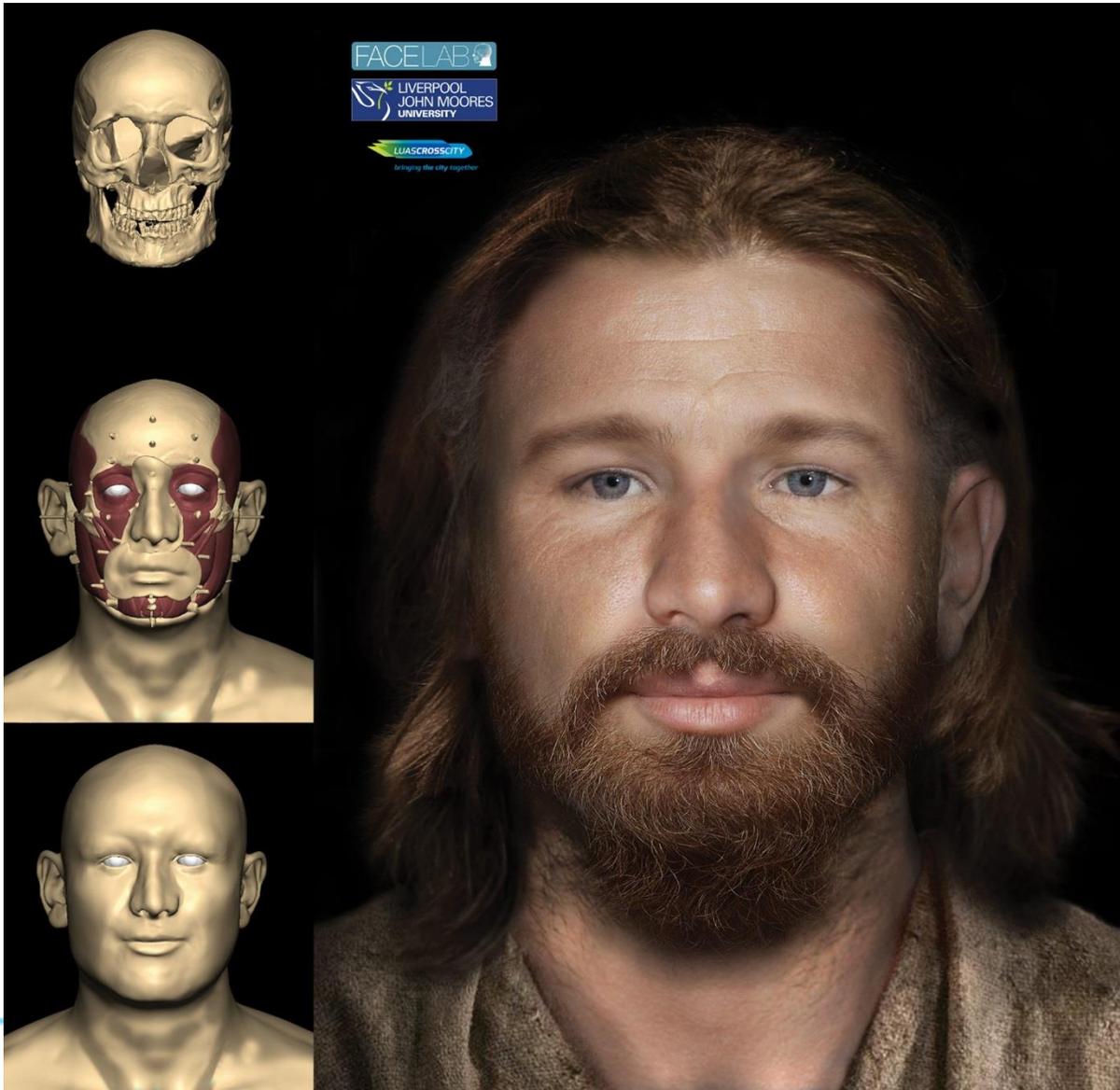
Luas e l'archeologia



**BETWEEN
THE LINES**

the archaeology of
Luas Cross City

Luas e l'archeologia





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SUPPLY & FIT SPECIALISTS
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087 7697354 (057) 8648626
www.swiftscaffolding.ie

TIID
Bonnasgar Iompair Éireann
Transport Infrastructure Ireland

Transport
for Ireland

BRINGING MORTGAGES HOME

Charlestown
City Centre 9

**Bí Airdeallach
ar na Ráillí**

**Be Track
Aware**

**Moltar do rothaithe cúram breise a
ghlacadh agus iad ag rothaíocht i
gceantair ina bhfuil ráillí tram.**

**Cyclists are advised to take extra care
when cycling in areas with tram rails.**



What Is Luas Cross City

- ✓ Construction commenced in June 2013 and it is scheduled to be in operation by the end of 2017.
- ✓ There will be an additional 10 million passenger journeys per year on this newly extended Luas network.
- ✓ The cost of this project is €368 million and it's one of the largest capital investment projects being undertaken by the government at the moment.
- ✓ It's the extension of the Luas Green line creating an interchange with the red line.
- ✓ There will be 13 new stops with 8 of these in the core city centre area.
- ✓ It will take 21 mins to travel from St Stephens Green to Cabra.



LCC Artistic Images 2017

VIEW ALL 





For the biggest choice,
go to town.

Department stores, boutiques, vintage shops,
specialist shops, markets, bookshops... and so much more to discover.

For more information, visit dublinfoon.ie

LIAISONCITY

Bringing the city together



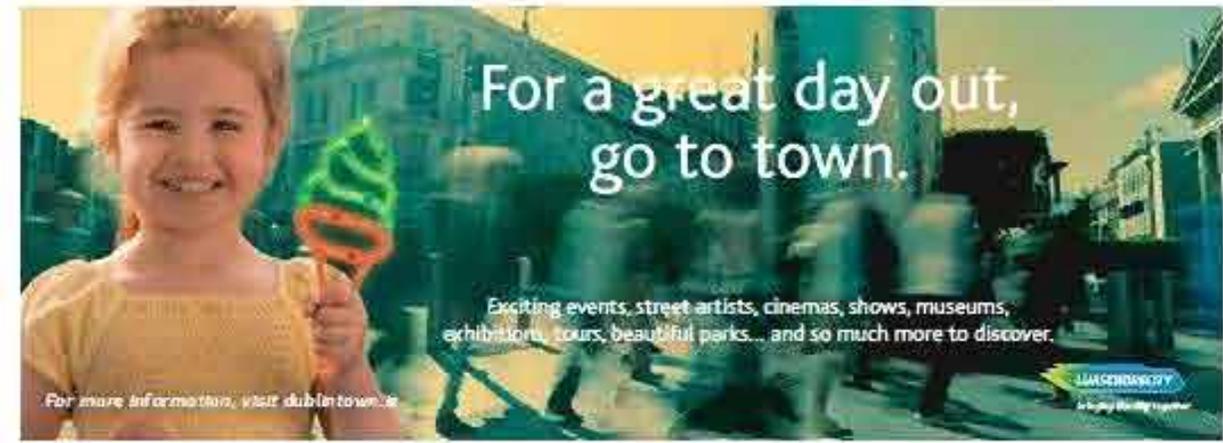
For the best nights out,
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Hip venues, traditional pubs, cocktail bars, comedy clubs, theatres, DJs,
live bands, all kinds of restaurants... and so much more to discover.

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LIAISONCITY

Bringing the city together



For a great day out,
go to town.

Exciting events, street artists, cinemas, shows, museums,
exhibitions, tours, beautiful parks... and so much more to discover.

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LIAISONCITY

Bringing the city together



For unbeatable atmosphere,
go to town.

It's buzzing with buskers, street theatre, pavement cafes,
colourful characters... and so much more to discover.

For more information, visit dublinfoon.ie

LIAISONCITY

Bringing the city together

For moments to remember,
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Dublin has it all, discover more on dublintown.ie

August Bank Holiday weekend O'Connell Bridge works 2016



To facilitate essential LCC works, from 8pm on Friday 29th July until Tuesday August 2nd, Dublin's North and South Quays will be closed to eastbound and westbound traffic on O'Connell Bridge. If you are travelling through the city, major diversions will apply.

If you are travelling to the city, car park access will be maintained and a number of public transport enhancements are being offered.

Multi-Channel PR and advertising campaign

Commencing Monday 18th July until Tuesday 2nd August

Radio – National and Dublin radio stations

Information leaflet (Eng/Irish) – distribution hard and soft copy – Luas/Irish Rail, park and ride locations, local stakeholders, train stations and at Luas stops and on-tram distribution, local traders, NTA, DCC, An Garda, etc.

Digital – social media, website, twitter/Facebook, advertisements across news websites and sponsored online advertisements for consumer sites (e.g. rte.ie, independent.ie, joe.ie, mailonline.ie, journal.ie, etc)

Stakeholder engagement – CRM, email, business organisations database, AA roadwatch, Livedrive transport media outlets, public transport organisations, DCC, An Garda, NTA and TII.

Print publications / Press -Tabloid and broadsheets from Monday 18th until Monday 1st August – each publication will have a colour quarter page

Freephone/Email info box – the freephone and email info box will be monitored throughout the weekend and queries responded to by on-call SSJV or LCC personnel.

Information Leaflet – on tram and car park distribution/ local deliver

LUASCROSSCITY

bringing the city together



AUGUST BANK HOLIDAY WEEKEND
O'Connell Bridge Works

To facilitate essential Luas Cross City construction works, from 8pm on Friday July 29th until 6am on Tuesday August 2nd, Dublin's north and south quays will be closed to eastbound and westbound traffic at O'Connell Bridge.

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www.luascrosscity.ie
info@luascrosscity.ie
1800 303 953
www.facebook.com/luascrosscity
[@luascrosscity](https://twitter.com/luascrosscity)

LUASCROSSCITY
bringing the city together



PARK AND RIDE

There will be **free parking** on Bank Holiday Saturday, Sunday and Monday at Luas park and ride sites and at Irish Rail park and ride sites located within the **Short Hop** Fare Zone.



ADDITIONAL SERVICES

Additional services will be in operation on Luas Red & Green Lines and DART services on Bank Holiday Sunday and Monday.



KIDS GO FREE!

Kids go free with a valid **Child Leap Card** on all bus, rail and Luas services in the Dublin area for the entire weekend. Please see www.luascrosscity.ie for further information.



TRAFFIC DIVERSIONS

Car park access will be maintained with **local diversions**. Wider traffic diversions will apply for traffic **travelling through the City**. Please see www.luascrosscity.ie for further information.

IRISH RAIL, DART & SHORT HOP ZONE



LUAS PARK & RIDE



LUAS GREEN LINE

- Balally Park + Ride
- Stillorgan Park + Ride
- Sandyford Park + Ride
- Carrickmines Park + Ride

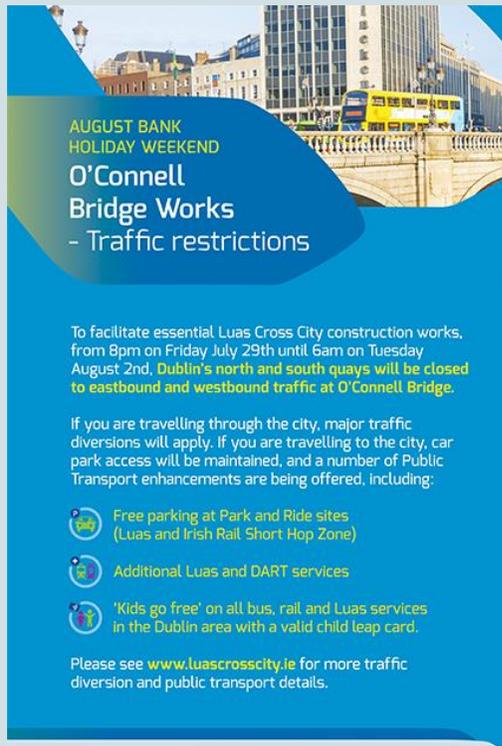
LUAS RED LINE

- Red Cow Park + Ride
- Cheeverstown Park + Ride

See www.luascrosscity.ie for complete details of Irish Rail and Luas Parking.

Press and Digital Advertising

Press Advertising



AUGUST BANK HOLIDAY WEEKEND
O'Connell Bridge Works
 - Traffic restrictions

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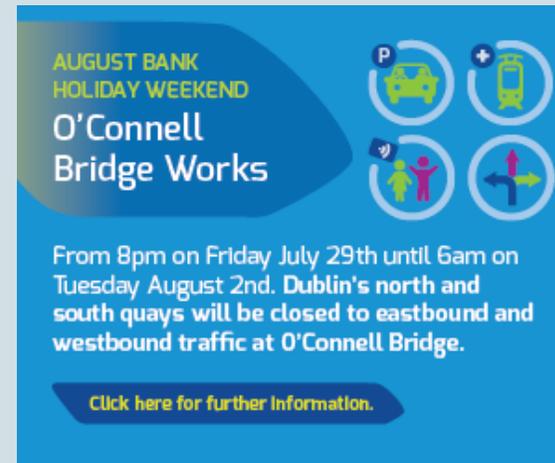
If you are travelling through the city, major traffic diversions will apply. If you are travelling to the city, car park access will be maintained, and a number of Public Transport enhancements are being offered, including:

-  Free parking at Park and Ride sites (Luas and Irish Rail Short Hop Zone)
-  Additional Luas and DART services
-  'Kids go free' on all bus, rail and Luas services in the Dublin area with a valid child leap card.

Please see www.luascrosscity.ie for more traffic diversion and public transport details.

For all information on the Luas cross city project please visit www.luascrosscity.ie

Digital Advertising



AUGUST BANK HOLIDAY WEEKEND
O'Connell Bridge Works

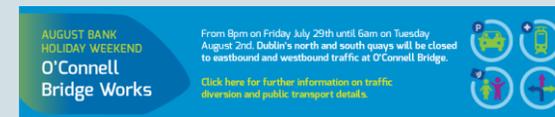
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[Click here for further information.](#)



AUGUST BANK HOLIDAY WEEKEND
O'Connell Bridge Works

[Click here for further information](#)



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O'Connell Bridge Works

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Train stations animations and online promotions



bringing the city together

Commuter dPod animation



LCC website banner

The screenshot shows the Luas Cross City website banner. At the top, the logo 'LUASCROSSCITY' and the tagline 'Bringing the city together' are visible. A search bar is on the right. The navigation menu includes 'ABOUT', 'CONSTRUCTION', 'NEWS', 'STOPS', 'MAP', 'LCC GALLERY OF IMAGES', and 'CONTACT US'. The main banner features the text 'KEEP UP TO DATE THIS AUGUST BANK HOLIDAY WEEKEND' followed by a list of services: 'Free Park and Ride', 'Additional Luas Services', 'Kids go Free', and 'Traffic Diversions'. Below this is a 'MORE INFORMATION' button. The banner also includes four circular icons: a car with a 'P' (Park and Ride), a train with a plus sign, a family with a Wi-Fi symbol, and a road with arrows (Traffic Diversions). Below the banner is a section titled 'What Is Luas Cross City' with three columns of bullet points.

KEEP UP TO DATE THIS AUGUST BANK HOLIDAY WEEKEND

- Free Park and Ride
- Additional Luas Services
- Kids go Free
- Traffic Diversions

[MORE INFORMATION](#)

What Is Luas Cross City

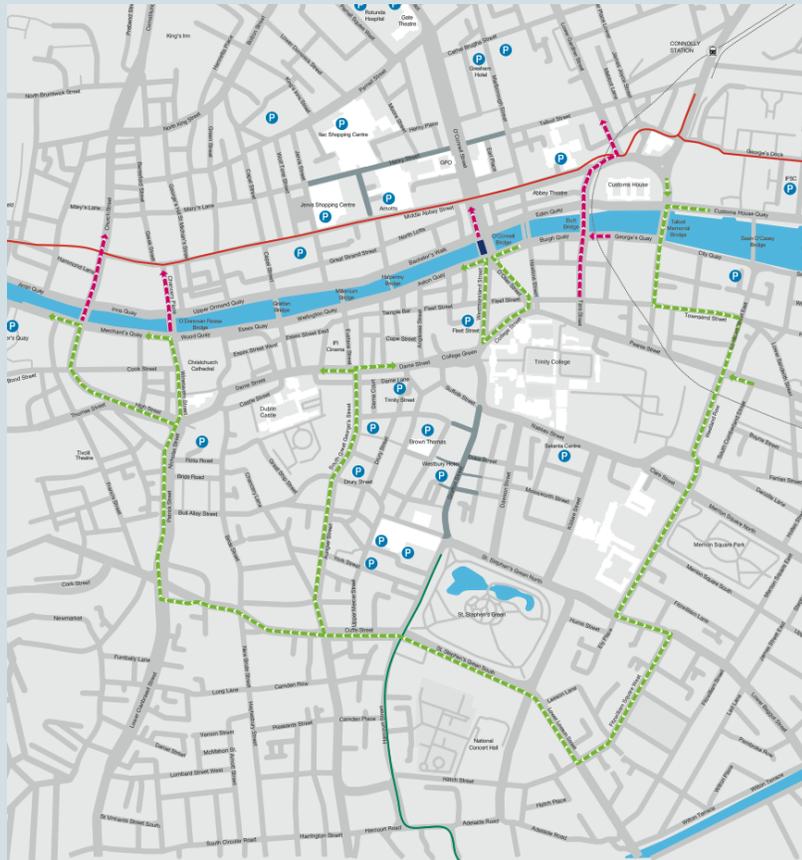
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Traffic diversion maps for car users and promotion on-site of free parking at Luas and Irish Rail / Dart stations



bringing the city together

Traffic Diversion Maps / Flyers



Park + Ride: Free Parking Sign

FREE PARKING

AT THIS CAR PARK ON

- ▶ SATURDAY 30 JULY
- ▶ SUNDAY 31 JULY
- ▶ MONDAY 1 AUGUST

see www.luascrosscity.ie for more details



PARK AND RIDE

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LUAS RED LINE

- Red Cow Park + Ride
- Cheeverstown Park + Ride

See www.luascrosscity.ie for complete details of Irish Rail and Luas Parking.



DESKTOP FORMATS



5 of 30 Next: Priests are now allowed to give work...

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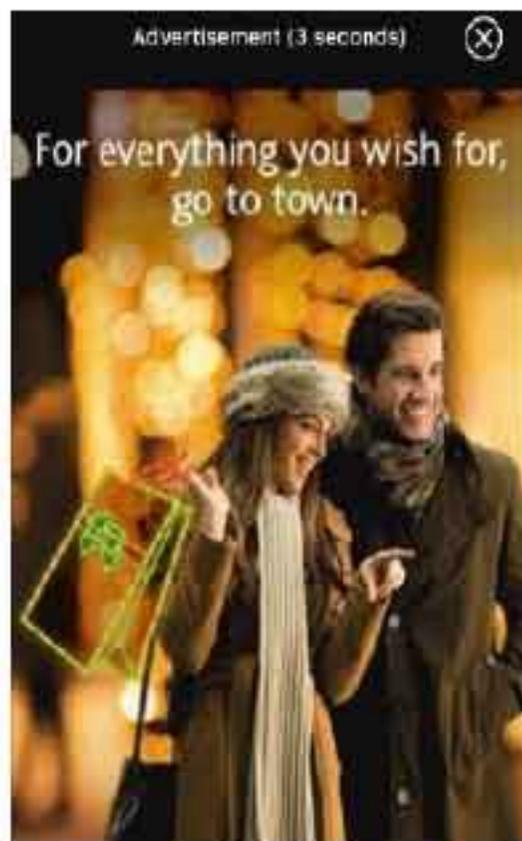


However, speaking about his experience, Moran told *TheJournal.ie* that he recently received some abuse online in relation to his views on public

For everything you wish for, go to town.

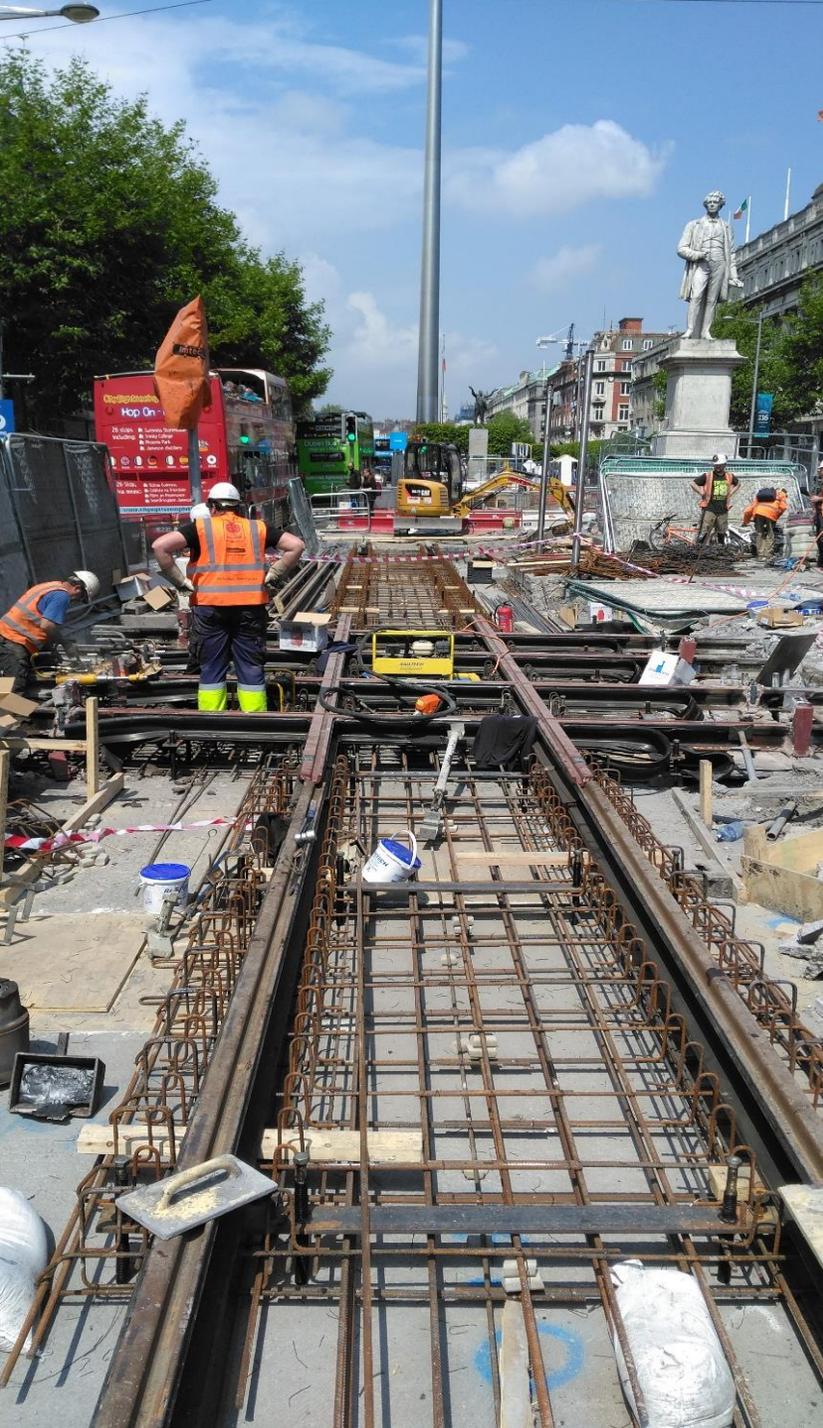


MOBILE FORMATS



For more information, visit dublintown.ie





Conclusioni

Coinvolgimento del pubblico - conclusioni

- Condivisione aziendale degli obiettivi e chiarezza a tutti i livelli – trasparenza delle scelte – il personale e' coinvolto in tutti i livelli decisionali.
 - Il pubblico e' al centro della progettazione – Consultazioni Pubbliche in ogni fase progettuale. Modifiche progettuali in seguito a consultazioni.
 - L'opera e' per il pubblico ed e' progettata “con” e “per” la collettivita'.
 - Far capire il valore trasportistico ed urbanistico.
-

Coinvolgimento del pubblico - conclusioni

- Estremo dettaglio della progettazione, nulla e' lasciato alla fase di costruzione (arredi, finiture, segnaletica stradale).
- Decine di opzioni progettuali per ogni sottotratta – tavoli tecnici a tutti i livelli.
- Il progetto che ne e' emerge e' blindato, a prova di Consultazione Pubblica, certo.
- Specifiche funzionali o costruttive stringenti.
- Forte presenza della Committenza nel controllo delle opere. Personale di cantiere TII a piena disposizione del pubblico e frontisti
- Ufficio di PR e presenza sul territorio durante la costruzione. Forte presenza di PR verso tutti gli stakeholders coinvolti, dai cittadini ai negozianti, agli esercenti del trasporto pubblico, con sito internet dedicato continuamente aggiornato (ogni giorno).

Realizzazione di una linea tram - Conclusioni

- La progettazione tramviaria e' estremamente complessa, non e' "inserire rotaie in una corsia preferenziale". Un tram non e' un "bus su ferro".
 - Progettazione di "sistema" e di area estesa (facciata-facciata). Modellazione traffico esteso.
 - Progettazione DEVE essere integrata (strade-pedoni-architettura-urbanistica) ed iterativa.
 - Progettazione costosa perche' iterativa, preferibilmente svolta da un ente governativo.
 - Occasione di completa riqualificazione urbanistica. Un nuovo tram non deve "segregare" ma "integrare".
-





Grazie per la cortese attenzione

marcello.corsi@tii.ie