



Magna Tram Train Stop and Park & Ride Public consultation Monday 26 July – Friday 3 September 2021

Introduction

Welcome to the Magna Tram Train Stop and Park & Ride scheme public consultation.

South Yorkshire Passenger Transport Executive (SYPTe) is working on proposals for a Tram Train stop and Park & Ride at the Magna Science & Adventure Centre in Templeborough, Rotherham. The scheme will link the Science & Adventure Centre to the Tram Train network, improve Tram Train and tram connectivity between Parkgate, Rotherham and Sheffield, ease congestion and improve cycling opportunities.

The purpose of this document is to provide information about the Magna Tram Train Stop and Park & Ride scheme and seek feedback from you on the proposals to help to shape and inform the scheme design and operational requirements.

Sheffield City Region (SCR)

Sheffield City Region secured £166m from the Government's Transforming Cities Fund (TCF) in 2020. This funding is focused on three large areas that would benefit from significant improvements across rail, public transport and active travel schemes. Schemes will make improvements to reduce journey times, cut congestion, improve punctuality and reliability, and bring about a wide range of benefits associated with active travel, such as improved health and wellbeing.

The Magna Tram Train Stop and Park & Ride scheme forms part of this programme, improving connectivity and making public transport and active travel a better option for those travelling in the area.

Key Parties

The key parties involved in delivering this scheme are Sheffield City Region Mayoral Combined Authority (SCRMCA), SYPTe and Network Rail.

SCRMCA: The agreed Devolution Deal between Government and the leaders of Sheffield City Region devolved a range of powers and responsibilities to the SCRMCA and an elected mayor. This formal partnership of Councils shapes policy and leads on decision-making in South Yorkshire.

SYPTe: Promoter of the Magna Tram Train Stop and Park & Ride scheme.

Network Rail: Responsible for development of the design and construction of the Tram Train stop.



The Proposed Scheme

Scheme deliverables

The proposed Magna Tram Train Stop and Park & Ride scheme will:

- encourage public transport use by introducing a 100-150 space Park & Ride facility at Magna to serve Sheffield and Rotherham
- introduce two new low-level Tram Train platforms, one for each running line, connected by an accessible footbridge with lifts and steps
- improve Tram and Tram Train connectivity, making public transport a better option for those travelling in the area
- deliver air quality improvements in the area through reduced congestion to complement Rotherham Clean Air Zone objectives.

Scheme Background

Tram Train

South Yorkshire's pioneering Tram Train service became operational in 2018 and provides a much-needed public transport service between the two key centres of Rotherham and Sheffield. Tram Train runs on tramlines between Sheffield Cathedral and Meadowhall South/Tinsley before heading onto Network Rail heavy rail infrastructure to Parkgate Rotherham and the rail network in Rotherham.

The service, operated by South Yorkshire Supertram Limited (SYSL), has proved popular with high levels of customer satisfaction and over 1.6 million passenger journeys since its launch. Three Tram Train services per hour (reduced to two services per hour during the Coronavirus pandemic) operate in each direction.

Ambitions have been set to extend Tram Train to other parts of South Yorkshire along existing railway lines, including into Barnsley Dearne Valley, Waverly, Doncaster and Doncaster Sheffield Airport.

Magna and the Lower Don Valley

Magna Science & Adventure Centre provides an educational experience for families and schools, focussing on science and technology. In recent years, the Centre has looked to expand and diversify its business by hosting events. The Centre opened in 2001 and is located in the Lower Don Valley on A6178 Sheffield Road, close to Junction 34 of the M1 corridor. Although Sheffield Road is served by the X1 and X10 bus routes, most trips to the centre are by car (or coach for school parties) with free car parking provided.

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The Lower Don Valley and A6178 corridor experience high levels of congestion, which contribute to poor air quality, and are located within an Air Quality Management Area (AQMA). Interventions are required to allow people to make sustainable travel choices, to reduce pollution and improve the health and wellbeing of people living and working in the area.

The Tram Train runs to the rear of the Magna Science & Adventure Centre and provides an attractive, sustainable and efficient alternative travel option along the corridor, which can help to reduce congestion and improve air quality.

The proposed Magna Tram Train Stop and Park & Ride scheme will improve accessibility in the area and connectivity from both Sheffield and Rotherham to the Magna Science & Adventure Centre, and will provide growth opportunities in the wider Templeborough/ Sheffield Road area.

The proposed scheme will link to Rotherham Council's proposals for an **active travel corridor between Rotherham town centre and Tinsley** and Sheffield City Council's proposals for **walking and cycling links continuing to Meadowhall**.

The proposals will help address existing and forecast transport problems in the area, particularly at Junction 34 of the M1, related to traffic volume, network delay and poor connectivity between local neighbourhoods and urban centres. By prioritising public transport and active travel, the proposals will encourage people to adopt sustainable travel modes over private cars. Reducing the number of vehicles on the region's road network reduces the negative effects of congestion, helping to improve air quality.



Location Plan



Design

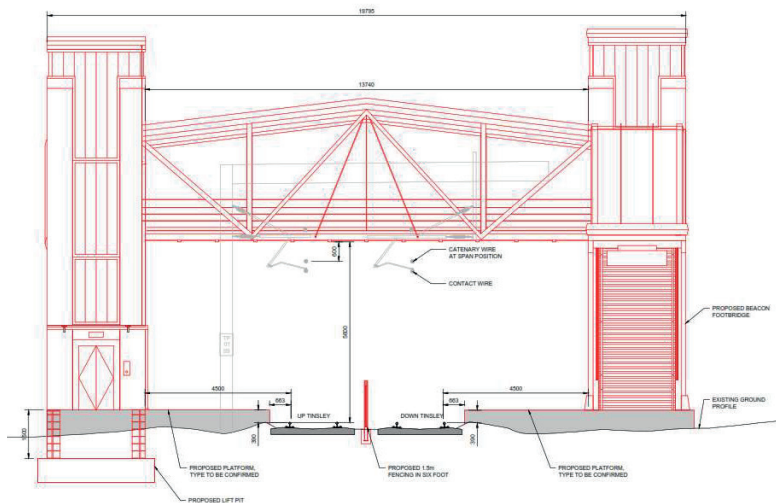
The proposed Magna Tram Train Stop and Park & Ride scheme will introduce a new stop along the existing Tram Train route with a new Park & Ride (P&R) site at the Magna Science & Adventure Centre in Templeborough, Rotherham.

This ambitious project is the first to grow the Tram Train network since opening in 2018 by providing a new stop and associated Park & Ride site. The proposed scheme will be broken down into two elements to be delivered separately. The two elements are detailed below.

Tram Train Stop

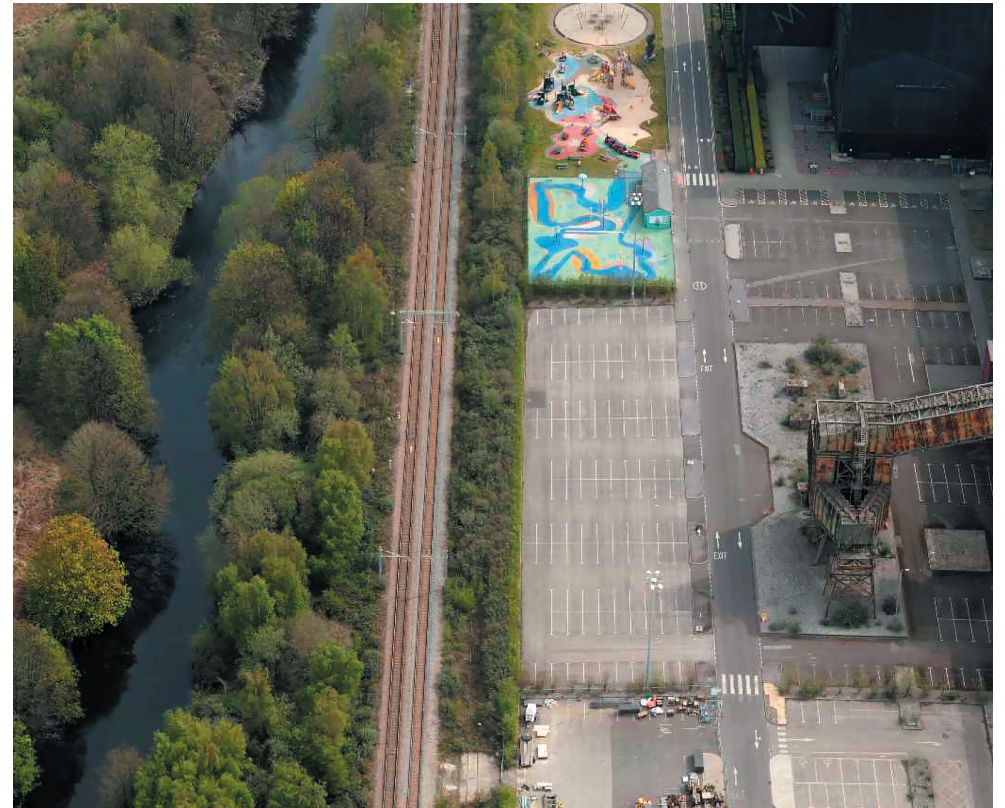
The building of two new staggered, low level Tram Train platforms at Magna Science & Adventure Centre - one for each running line, connected by an accessible footbridge with lifts and stairs - with passenger information, lighting, CCTV and passenger shelters. A separation fence between the running lines will dissuade trespass onto the railway from the low-level platforms.

SYNTE has contracted Network Rail to deliver the new Tram Train stop.



Tram Train Park & Ride

The introduction of a new 100-150 space Park & Ride facility at Magna Science & Adventure Centre, adjacent to the rail corridor, with disabled, bicycle and motorcycle parking bays, CCTV, lighting, and vehicular control/security at the access to the main Science & Adventure Centre car park. A safe and secure pedestrian link will be provided to and from the new Tram Train stop.



Design Features

Tram Train Stop

This is the first through stop on the Tram Train route which will be served exclusively by Tram Train services. Meaning its design will be unique and differ to a standard mainline station, typically found on the National Rail network.

Design features of the proposed Tram Train stop include:

- construction of a 30m low level platform on both sides of the rail track to cater for the length of the Stadler Citylink Class 399 Tram Train vehicles that are used on the Network and to provide level boarding and alighting for passengers
- the provision of a visual stopping marker to alert the driver where to stop the Tram Train, to allow all doors to be in the correct position on the platform for boarding and alighting the Tram Train vehicle
- the installation of a new electricity supply to power the stops
- new Passenger Information Display (PID) screens to display data provided by both the Supertram location system (for Tram Trains from Sheffield Cathedral) and Network Rail's DARWIN system (for Tram Trains from Parkgate) to:
 - inform customers when the next Tram Train is expected, including live and timetabled arrivals
 - alert customers to stand clear of the platform edge should a non-stopping freight or passenger train approach
 - communicate any messages from Supertram regarding disruption, engineering works, or promotional activity
- the introduction of a new passenger address/voice announcer (PA/VA) system to:
 - automatically announce when the next Tram Train is due to arrive with the destination stated (e.g. 2 minutes away, approaching the platform)
 - alert customers to stand clear of the platform edge should a non-stopping freight or passenger train approach
 - communicate any messages from Supertram regarding disruption, engineering works, promotional activity
- Installation of new passenger shelters on each platform, similar to those installed at other Tram Train stops to ensure passengers can shelter from weather conditions
- The introduction of new lighting provided to the required lux levels with the ability to be lowered for maintenance, automatically turn on and off and operate by timer
- the installation of CCTV cameras with an uninterrupted power supply (UPS) - to cover all aspects of the Tram Train stop including the bridge, lifts, stairs, platforms and entrance areas - with the capability of recording imagery and being viewed live by Supertram at the Nunnery Depot Operations Control Centre
- installation of new Help Points on both platforms to ensure passengers can communicate with the Supertram Nunnery Depot Operations Control Centre - covered by CCTV which is available to view live at the Supertram Nunnery Depot Operations Control Centre

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- construction of a new, Disability Discrimination Act (DDA) compliant accessible footbridge with lifts, equipped with CCTV and a PA/VA system which will allow passengers and staff in the to communicate with each other, and stairs
- the provision of customer seating on each platform
- the provision of signage at the stop to a similar design to other Tram train stops to allow intuitive wayfinding throughout the stop and to/from the Park & Ride facility, including emergency exit signs.



Design Features

Tram Train Park & Ride

Design features of the proposed Park & Ride include:

- the introduction of a new 100–150 space Park & Ride within the existing Science & Adventure Centre park, designed to Park Mark or similar standards, for Tram Train users, including disabled bays in line with national and local policies, and secure bicycle and motorcycle parking facilities
- the provision of Electric Vehicle (EV) charging points at a proportion of the spaces
- the introduction of a Drop-off and Pick-up point to allow passengers to be dropped off or picked up from the Tram Train stops
- The provision of vehicular access via the existing Magna car park
- the provision of a safe and secure pedestrian route from the Park & Ride to the Magna Tram Train stop, incorporating lighting
- the provision of a safe and secure pedestrian route from the entrance of Magna Science & Adventure Centre and A6178 Sheffield Road to the Tram Train stop, incorporating lighting
- the provision of new way-finding signage:
 - to guide customers from the road network into the Park & Ride facility
 - within the Park & Ride site to direct customers around the facility
 - including emergency exit signs
- the installation of Automatic Number Plate Recognition (ANPR) equipment to provide car counting data to be accessed remotely by SYPTE's Facilities Manager
- the provision of bicycle and motorcycle parking close to the entrance of the Tram Train stop
- the introduction of new lighting and vehicular control/security at the access to the main Science & Adventure Centre car park
- a new DDA compliant, safe and secure pedestrian link to and from the new Tram Train stop
- the introduction of new lighting provided to the required lux levels throughout the car park (including all walkways, bicycle parking, motorcycle parking), with the ability to be lowered for maintenance, automatically turn on and off and operate by timer, to ensure all spaces and footpaths are suitably lit
- the installation of CCTV cameras with an uninterrupted power supply (UPS) - to cover all aspects of the Park & Ride site - with the capability of recording imagery and being viewed live remotely by SYPTE/Supertram facilities managers for monitoring.

Feedback and Next Steps

Thank you for taking the time to read this document. Your views are important to us in shaping and informing the final design of the Magna Tram Train stop and Park & Ride scheme proposals.

To share your feedback, please complete the questionnaire on our website at **travelsouthyorkshire.com/Magna** by **Friday 3 September 2021**. Should you have any difficulties accessing information digitally or need help in completing the questionnaire, please contact the project team.

To find out more information about the proposed scheme, please join one of our online Q&A sessions where members of the project team will be available to listen to your views, answer any questions you have and provide further detail.

The sessions will be held on:

Wednesday 11 August 2021 - 12pm - 1pm

Wednesday 18 August 2021 - 6pm - 7pm

To register for one of these sessions, visit the webpage or contact the project team using the details on this page.

Next Steps

Once the consultation closes on Friday 27 August 2021, all the feedback received will be reviewed and used to inform the final design of the Magna Tram Train stop and Park & Ride scheme.

We will analyse your views and comments from the consultation. Our actions in response to the feedback will be set out in a Statement of Community Involvement.

Contact, feedback and registration details



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26 July to 3 September 2021

Public consultation



Feedback & analysis



**Preparation of the statement of
community engagement**

3 September to 30 September 2021

