



CIT-02

FEASIBILITY STUDY OF THE T6 TRAMWAY LINE OF METROVALENCIA'S ORBITAL TRAMWAY NETWORK IN VALENCIA "NUEVE DE OCTUBRE" INTERCHANGE – CITY OF ARTS & SCIENCES STOP" SECTION.

SECTION: NUEVE DE OCTUBRE INTERCHANGE – CITY OF ARTS AND SCIENCES STOP



Transports

Año - 2006 T6-DT-7_2

ESTUDIO INFORMATIVO

DE LA LINEA T6 DE LA RED DE METROVALENCIA-TRANVIA ORBITAL DE VALENCIA. TRAMO: "INTERCAMBIADOR 9 DE OCTUBRE-PARADA CIUDAD DE LAS ARTES Y LAS CIENCIAS"

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Divisió d'Infraestructura del Transport Servei de projectes

GENERAL GROUND PLAN



STUDY DESCRIPTION

Valencia's Orbital Tramway represents the expansion of the MetroValencia network (becoming the future line 6) and is aimed at improving the accessibility of a series of city districts, interlinking services located on the outskirts of the city and promoting interchanges with other modes of transport.

This project deals with the first of the stretches that have been made available for public consultation by the Regional Ministry for Infrastructures and Transport.

The stretch described is situated in its entirety on the outskirts of the city of Valencia, beginning in the west ("Nueve de Octubre Interchange") and finalising to the south ("City of the Arts and Sciences" stop). Both its design and characteristics comply with a set of criteria considered to be fundamental in issues of safety, accessibility, comfort and environmental impact, ensuring at all times full adaptation to its setting, as well as disabled user access.

Over 6km long, the new tram line will run through many of the city's main avenues such as: calle Nueve de Octubre, avenida Tres Cruces and the south ring road. In this sense, the design of this stretch of the orbital line has aimed at minimising overlap with wheeled traffic by designing a separate platform throughout with the exception of existing intersections on the urban roadway. Also worth highlighting is that in order to maintain proper functioning of traffic on avenida Ausiàs March, a new underpass will be built for exclusive use by trams, the location of the new "Fuente de San Luis" singular tram stop.

This layout improves access to public transport in the districts of: Nou Moles, Soternes, Tres Forques, Font Santa, Vara de Quart Sant, Isidre, Safranar, Favara, Sant Marcel·lí, L'Hort de Sanabre, Camí Real, La Creu Coberta, Malilla, Fonteta de Sant Lluís, Na Rovella and Ciutat de les Arts i les Ciències.

Likewise, three interchanges with the radial network of Metrovalencia have been planned:

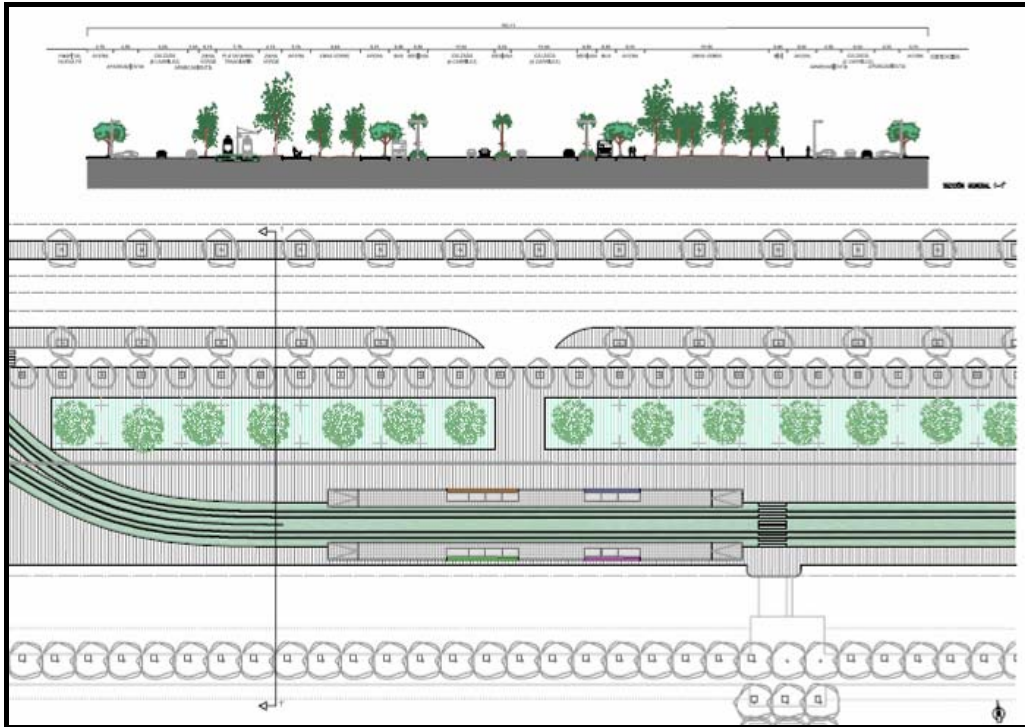
- "Nueve de Octubre" Interchange: The "Nueve de Octubre Interchange" stop connects to the "Nueve de Octubre" station (lines 3 and 5) by means of a pedestrian crosswalk.
- "Parada Campos Crespo – Estación Hospital" Interchange: The "Campos Crespo" stop connects to the "Hospital" station (lines 1 and 5) by means of another pedestrian crosswalk.
- "Ciudad de las Artes y las Ciencias" Interchange: The "Ciudad de las Artes y las Ciencias" stop is shared with line T2, currently under construction.

Finally, it should be underlined that this stretch of Valencia's Orbital Tramway will allow the connection of important facilities such as:

- The future Nueve de Octubre administrative city.
- The General Hospital.
- The City Cemetery.
- Doctor Peset Hospital.
- New University Hospital "La Fe".
- The City of Justice and,
- The City of the Arts and Sciences.



NEW "LA FE" HOSPITAL STOP



FUENTE DE SAN LUIS STOP





XIRIVELLA BRANCH LINE

GENERALITAT VALENCIANA
CONSELLERIA D'INFRASTRUCTURES I TRANSPORT

Transports

Año - 2008 CLAVE: PF3-V15-24.03 T6-DT-A3-17_1

ESTUDIO INFORMATIVO

ESTUDIO INFORMATIVO DE LA LÍNEA T6 DE LA RED DE METROVALENCIA –
TRAMVÍA ORBITAL DE VALENCIA. –
RAMAL A XIRIVELLA

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GENERAL GROUND PLAN



STUDY DESCRIPTION

The Preliminary Study of the Xirivella branch line of line 6 of MetroValencia's Network, has also been made available for public consultation by the Regional Ministry for Infrastructures and Transport.

The main objective of this branch line of the Orbital Tramway is that of improving access and increasing Public Transport services in a series of areas belonging to the town of Xirivella and the city of Valencia, as well as pedestrian and cycle links between the two sectors into which Xirivella is divided (Barrio de la Luz and Xirivella town centre) by means of the overpass crossing the Turia River. In this sense, the integration of the branch line into the MetroValencia network is carried out by means of a connection between "Tres Forques stop – City of the Arts and Sciences stop of Line 6 south of the roundabout located at the junction of calle Tres Forques and Avda. Tres Cruces.

The Xirivella branch line begins on C/Misionero Vicente Cañas in the town of Xirivella ("Xirivella stop") and ends on avenida Tres Cruces ("Tres Forques stop" planned for Line 6). Both its design and characteristics comply with a set of criteria considered to be fundamental in issues of safety, accessibility, comfort and environmental impact, ensuring disabled user access at all times.

This stretch of the tram line is approximately 1800 m, and runs along the following roadways: Avda. Tres Cruces (Valencia), C/Tres Forques (Valencia and Xirivella) and C/Misionero Vicente Cañas (Xirivella); it crosses by means of an overpass the Turia River, trunk road V-30 (to Alicante – Albacete and Madrid – Barcelona), access roads to the V-30 trunk road junction with Avda. del Cid, Barrio de La Luz and Tres Forques, and Pablo Iglesias Park in Xirivella.

Both as a means of reducing the length of the tram viaduct and improving the functioning of the V-30 slip road that provides access to the avenida del Cid and to the Barrio de la Luz, it is proposed that said slip road be reconditioned involving the demolition of the existing overpass and its replacement with an underpass.

The branch line will have three stops, which are:

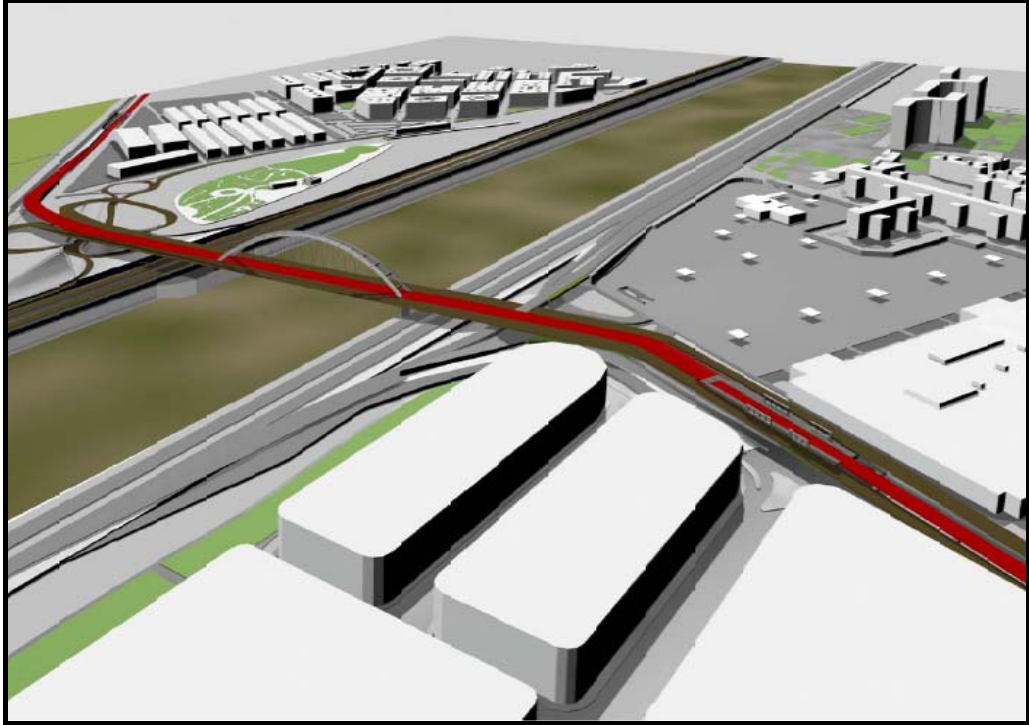
- "Xirivella" stop. Located at the start of the line. This stop will form part of a rail – tram mode interchange, given that a short distance railway station is planned here (Line C-3 Valencia – Utiel); that will contribute to improving the public transport services in Xirivella.
- "Gran Turia stop". Located on the overpass planned opposite the Gran Turia Shopping Centre. Access to this stop will be by a ramp planned on the central boulevard of calle Tres Forques.
- "Vara de Quart stop". Situated alongside the Vara de Quart industrial estate.

Finally, it should be underlined that the new branch line will be integrated into Valencia's Orbital Tramway and will furthermore link the following facilities:

- Gran Túria Shopping Centre.
- Ciudad Ros Casares Business Park.
- Vara de Quart Industrial Estate.
- Misericordia Secondary School.



OVERPASS



GRAN TÚRIA STOP

