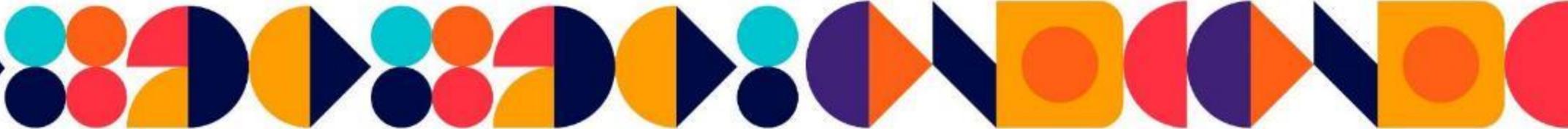
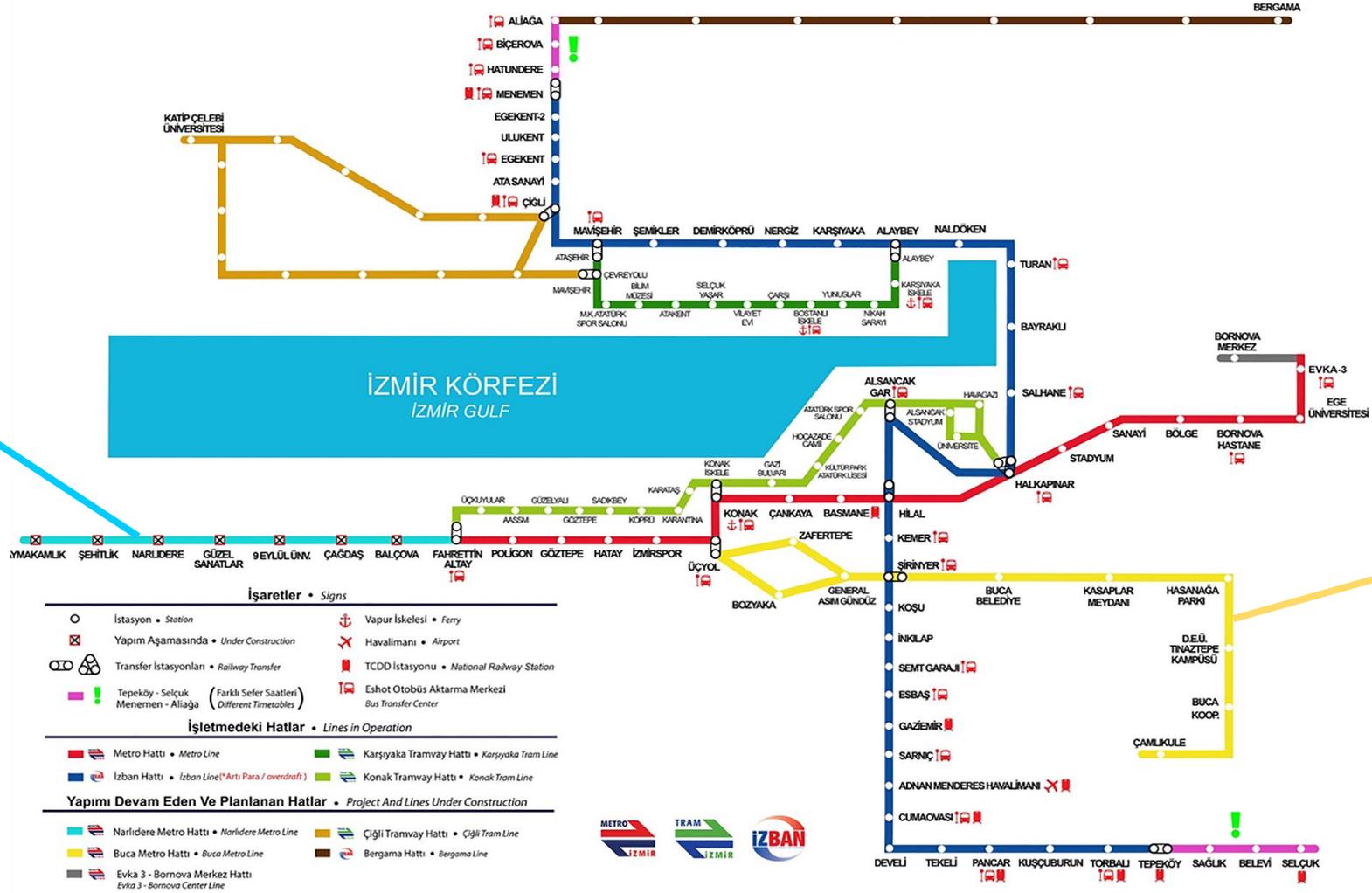


DEPARTMENT of RAIL SYSTEMS

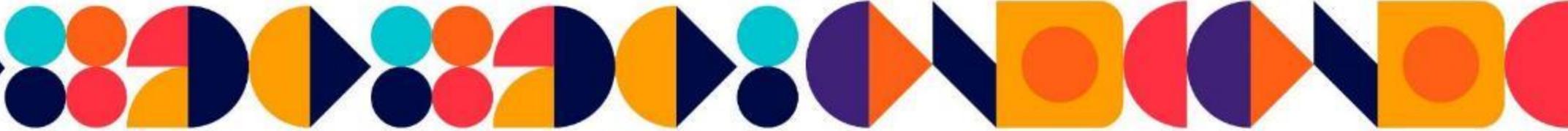
DEPARTMENT of RAIL SYSTEMS

DIRECTORATE of RAIL SYSTEMS

4. STAGE

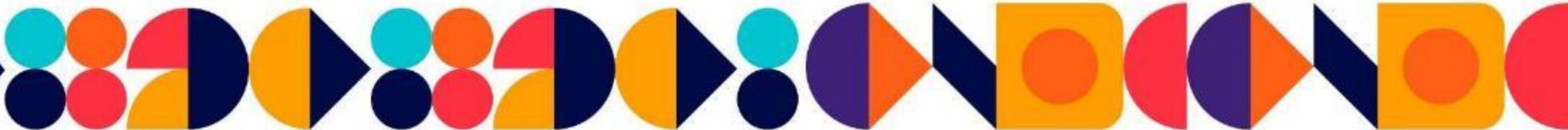


# İZMİR LIGHT RAIL TRANSIT SYSTEM 4TH STAGE CONSTRUCTION WORK BETWEEN F. ALTAY AND NARLIDERE KAYMAKAMLIK



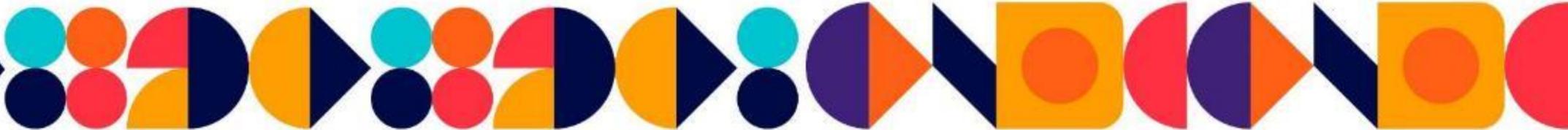
# İZMİR LIGHT RAIL TRANSIT SYSTEM 4TH STAGE CONSTRUCTION WORK BETWEEN F. ALTAY AND NARLIDERE KAYMAKAMLIK

<b>Contractor</b>	Gülermak Ağır Sanayi İnşaat ve Taahhüt A.Ş.
<b>Contract Date</b>	4th of June 2018
<b>Site Delivery Date</b>	25th of June 2018
<b>Completion Date</b>	22nd November 2022
<b>Contract Price</b>	1.027.017.852,19 + 257.714.170,11 TL
<b>Total Project Duration</b>	1260 + 351 days



# İZMİR LIGHT RAIL TRANSIT SYSTEM 4TH STAGE CONSTRUCTION WORK BETWEEN F. ALTAY AND NARLIDERE KAYMAKAMLIK

Line Length	7.2 km
Number of Stations	7



# İZMİR LIGHT RAIL TRANSIT SYSTEM 4TH STAGE CONSTRUCTION WORK BETWEEN F. ALTAY AND NARLIDERE KAYMAKAMLIK

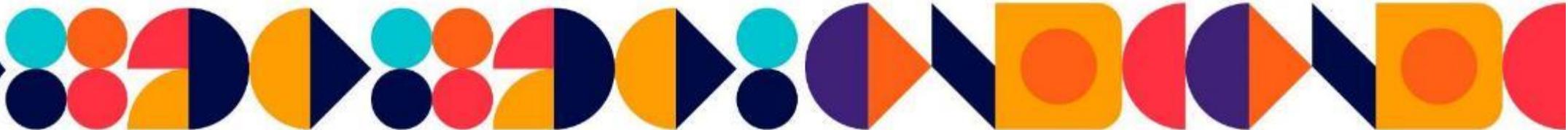
4th Stage of the Izmir Light Rail System, will serve between Fahrettin Altay Station and Narlıdere Kaymakamlık.

Construction works continue at Balçova, Çağdaş, DEÜ Hospital, Faculty of Fine Arts, Narlıdere, Şehitlik and Kaymakamlık stations.

All of the 5271 meters of tunnel (100%) designed with NATM and 9231 meters of tunnels designed with TBM have been opened (100%) Tunnels with a total length of 14 502 meters have been completed.

The progress of the project, which was at a completion rate of 12% after the March 30, 2019 elections, has reached 87% today.

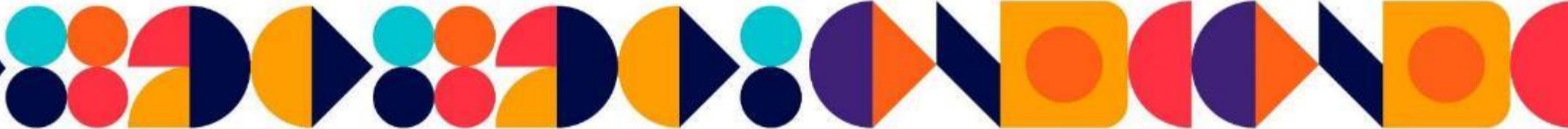
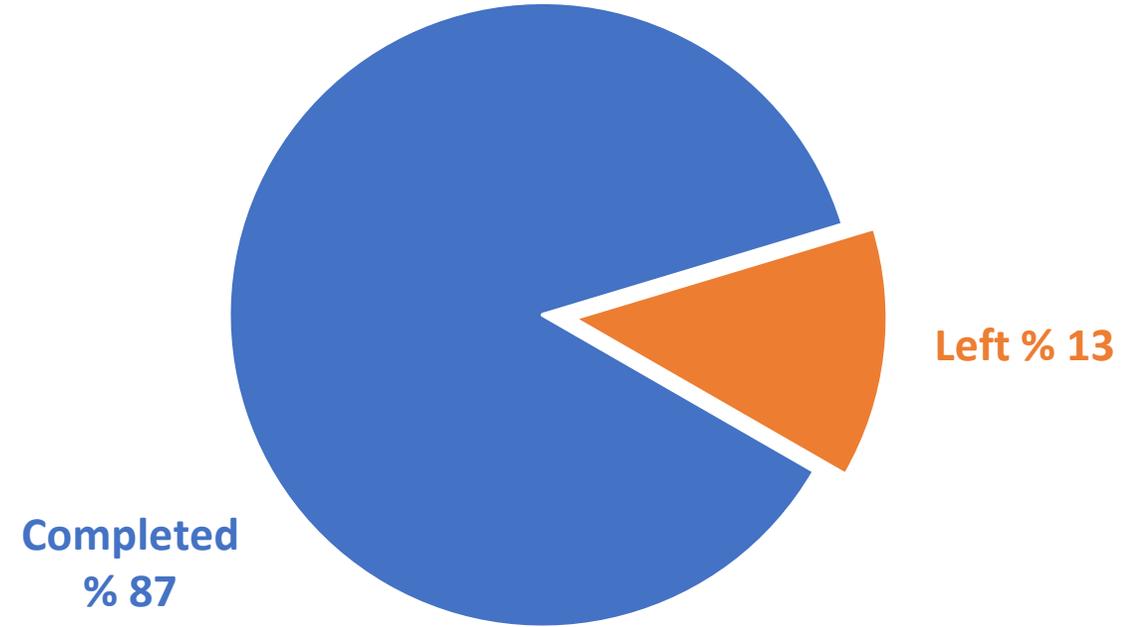
When the line, which is planned to be put into service in the first quarter of 2023, is completed, uninterrupted transportation will be between Evka-3 and Narlıdere.



# İZMİR LIGHT RAIL TRANSIT SYSTEM 4TH STAGE CONSTRUCTION WORK BETWEEN F. ALTAY AND NARLIDERE KAYMAKAMLIK

## Basic Work Items Progress Summary (TOTAL % 87)

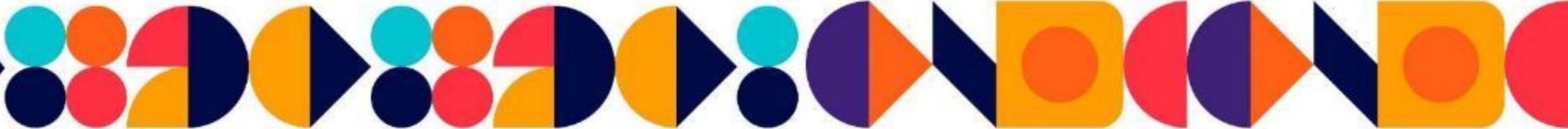
Work Item	Unit	Total Amount	Amount Completed	Percentage of Completion
NATM Tunnel	m	5.271	5.271	% 100
TBM Tunnel	m	9.231	9.231	% 100
Rail Works	track	14.183	7.449	% 52,52



# Final Situation in Construction Works



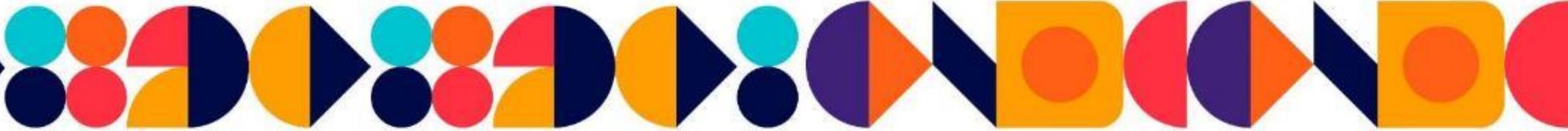
Reinforced concrete construction will start at Balçova Station.



# Final Situation in Construction Works



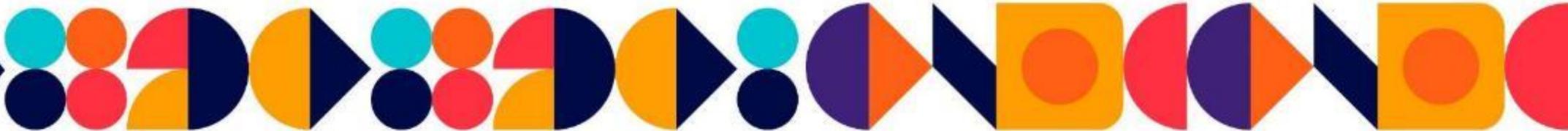
DEU Hospital Station excavations continue.



# Final Situation in Construction Works



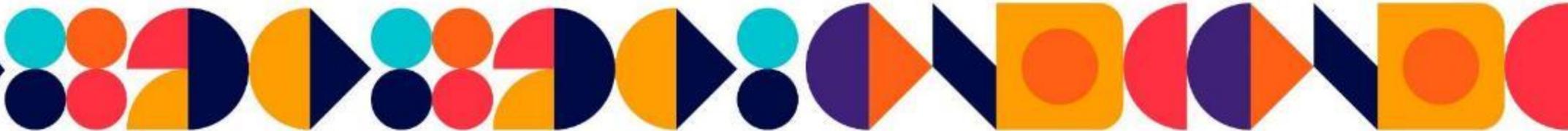
Narlıdere Station concourse structure pile fabrication has been completed. The station excavation works continue.



# Final Situation in Construction Works



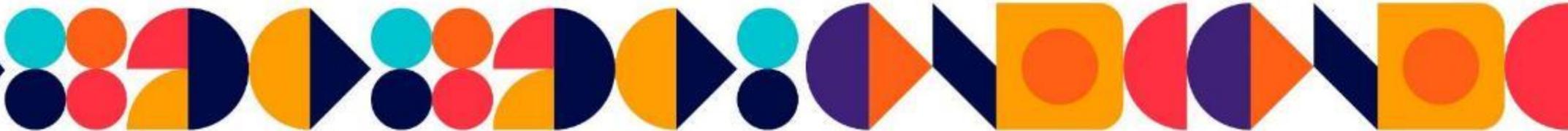
The reinforced concrete construction of the concourse structure at the Şehitlik Station is in the process of being completed.



# Final Situation in Construction Works



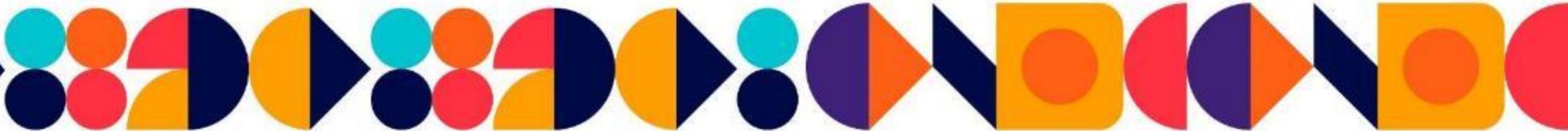
Tunneling with TBM / August 2021



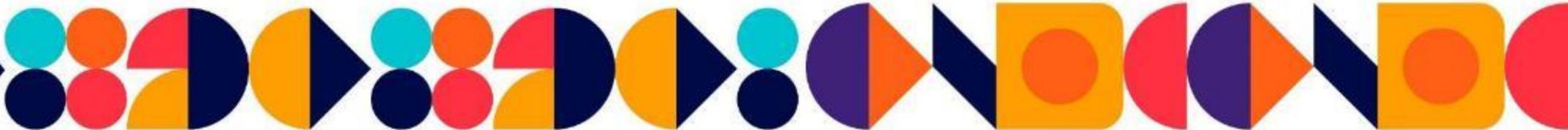
# Final Situation in Construction Works



Rail Works /January 2022

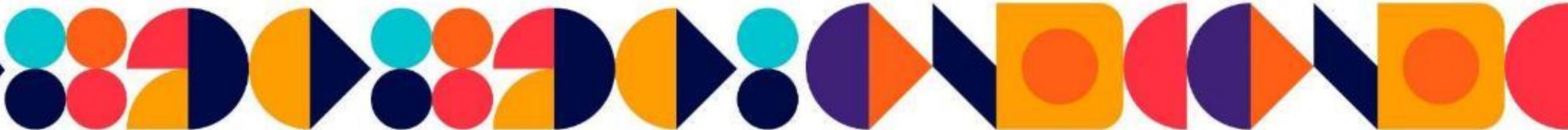


# İZMİR LIGHT RAIL TRANSIT SYSTEM 5TH STAGE ÜÇYOL -BUCA LINE CONSTRUCTION WORK



# İZMİR LIGHT RAIL TRANSIT SYSTEM 5TH STAGE ÜÇYOL -BUCA LINE CONSTRUCTION WORK

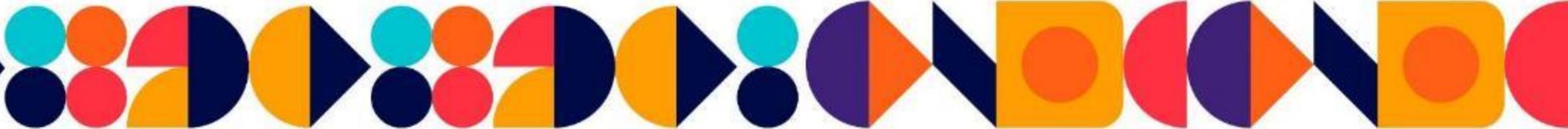
<b>Contractor</b>	Gülermak Ağır Sanayi İnşaat ve Taahhüt A.Ş.
<b>Contract Date</b>	4th of January 2022
<b>Site Delivery Date</b>	21st of January 2022
<b>Completion Date</b>	31st of December 2025
<b>Contract Price</b>	3.921.498.000,00 TL
<b>Total Project Duration</b>	1440 days



# İZMİR LIGHT RAIL TRANSIT SYSTEM 5TH STAGE ÜÇYOL -BUCA LINE CONSTRUCTION WORK



Line Length	13.5 km
Number of Stations	11



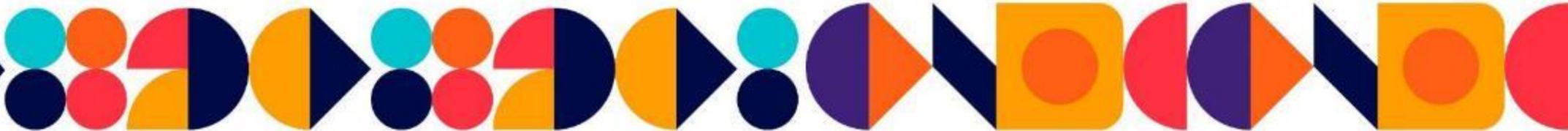
# İZMİR LIGHT RAIL TRANSIT SYSTEM 5TH STAGE ÜÇYOL -BUCA LINE CONSTRUCTION WORK

5th stage of the İzmir Light Rail System, will serve between Üçyol Station - Dokuz Eylül University Tınaztepe Campus - Çamlıkule.

Starting with Üçyol, the line will include Zafertepe, Bozyaka, General Asım Gündüz, Şirinyer, Buca Municipality, Kasaplar, Hasanağa Bahçesi, Dokuz Eylül University, Buca Koop and Çamlıkule stations respectively.

The Buca line will be integrated with the 2nd stage line running between F.Altay-Bornova at Üçyol Station and with the İZBAN line at Şirinyer Station. While the new line will be connected from the ticket hall floor at Üçyol Station, it will be connected from the platform floor at İZBAN Şirinyer Station and will operate independently of the existing lines. Train sets on this line will serve without drivers.

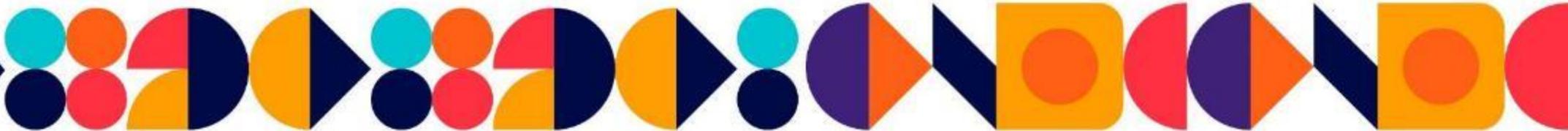
The Maintenance Workshop and Warehouse Building, which is designed to have a total of 80,000 m2 closed area, will also be built in the project. In this two-storey building, the lower floor will be used as an overnight stay and the upper floor will be used as a vehicle maintenance and repair floor. There will also be administrative offices and personnel areas on the upper floor.



# Final Situation in Construction Works



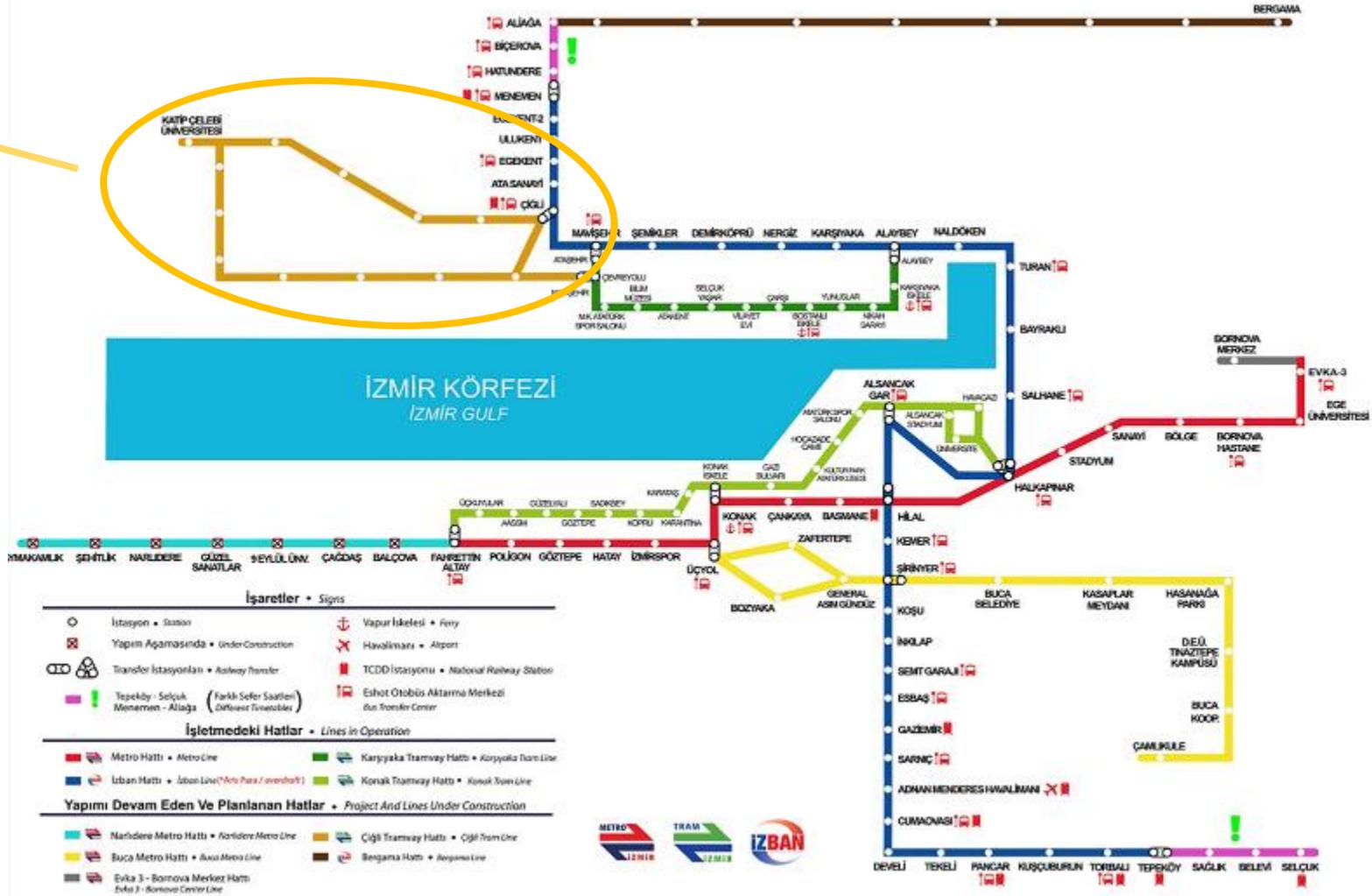
Groundbreaking Ceremony / Çamlıkule Station 14.02.2022



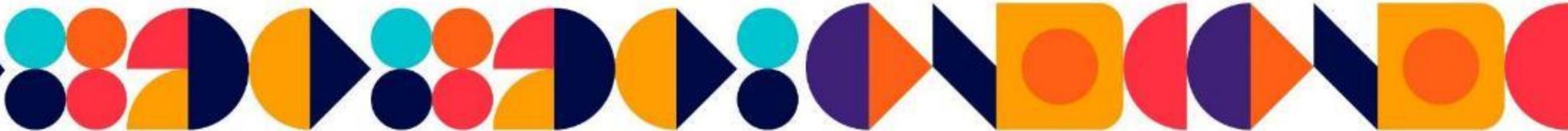
DEPARTMENT of RAIL SYSTEMS

SUBURBAN SYSTEMS DIRECTORATE

## ÇİĞLİ TRAM LINE

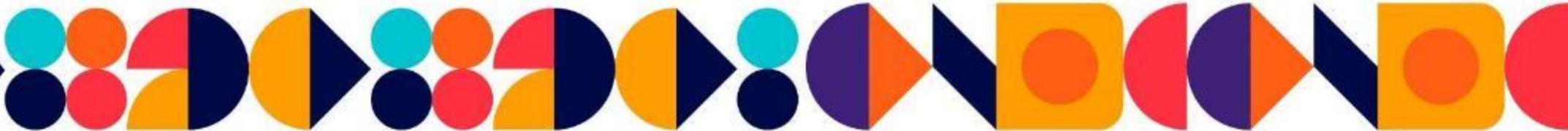


# ÇİĞLİ TRAM LINE CONSTRUCTION WORK



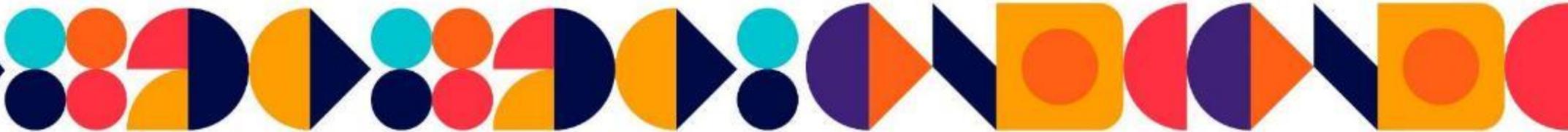
# ÇIĞLI TRAM LINE CONSTRUCTION WORK

<b>Contractor</b>	Nurol İnş. Taah. A.Ş.
<b>Contract Date</b>	17 December 2020
<b>Construction Site Delivery Date</b>	21 December 2020
<b>Completion Date</b>	21 December 2022
<b>Contract Price</b>	414.182.814,51 TL
<b>Total Project Duration</b>	730 days

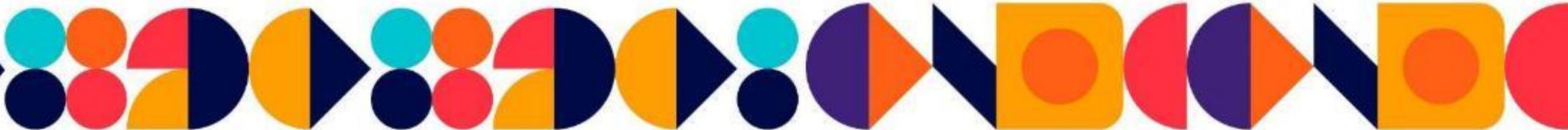




Line Length	11 km
Number of Stations	14
Transformer Buildings	6 (5 Above Ground, 1 Underground)
Overnight Line	1
Viaduct Length	700 m

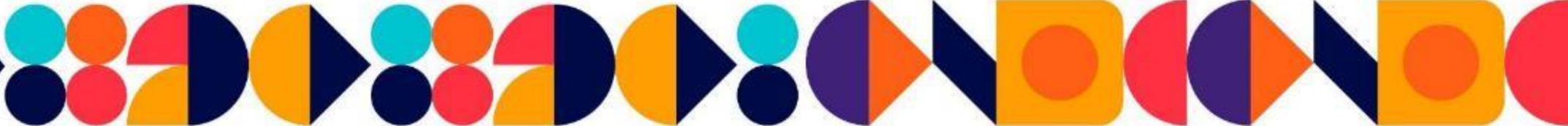


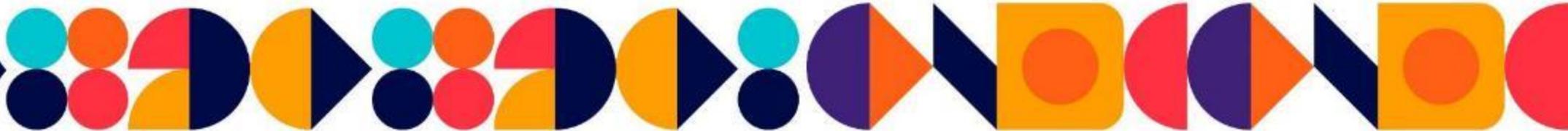
- The line route is planned to serve Ataşehir, Çiğli İzban Station and Çiğli Regional Training Hospital, Ata Industrial Zone, Katip Çelebi University and Atatürk Organized Industrial Zone, starting from the existing Karşıyaka Ring Road Station and crossing with a connection bridge.
- During the construction of the Karşıyaka Tram, the Ataşehir-Mavişehir İzban connection of approximately 1 km, which could not be made due to property problems, will also be established.
- The connection bridge, which will be built for approximately 500 m, will pass over the ring road and there are pedestrian and bicycle paths as well as the tram line on the bridge.
- An overnight line with a capacity of 18 vehicles will be built to ensure the parking of the vehicles to be operated on the tram line.



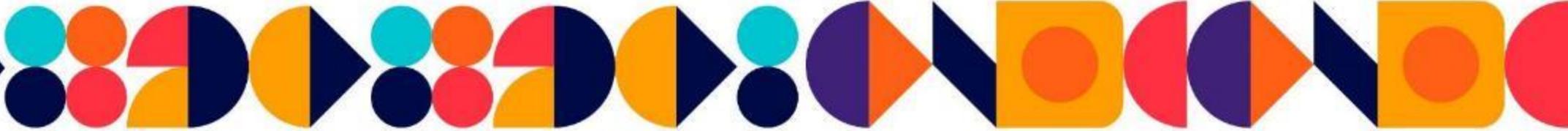


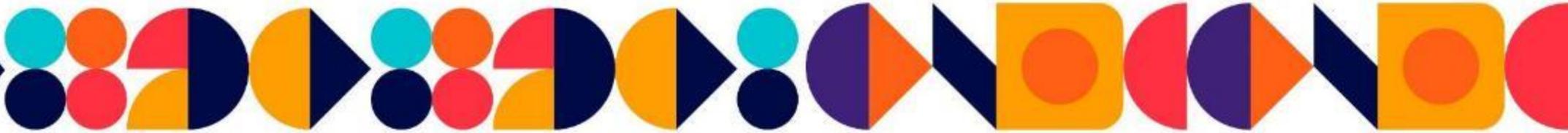
Viaduct construction has been completed at a rate of 85 percent, and reinforced earth filling works continue.





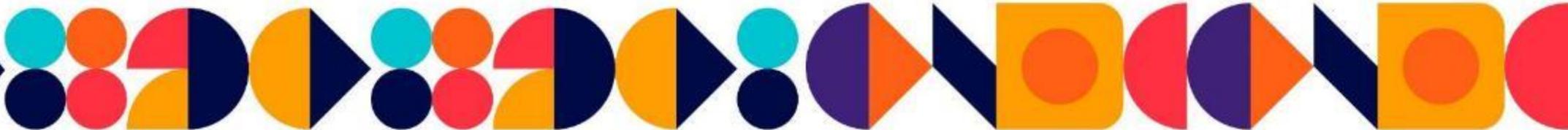


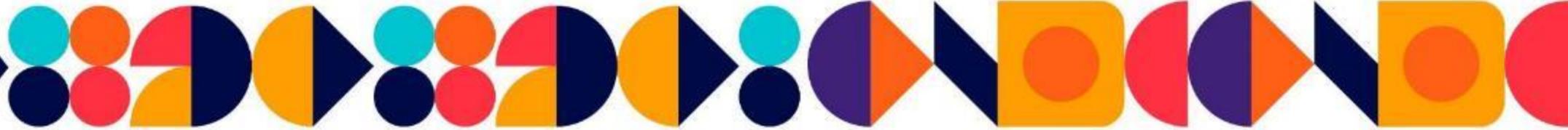


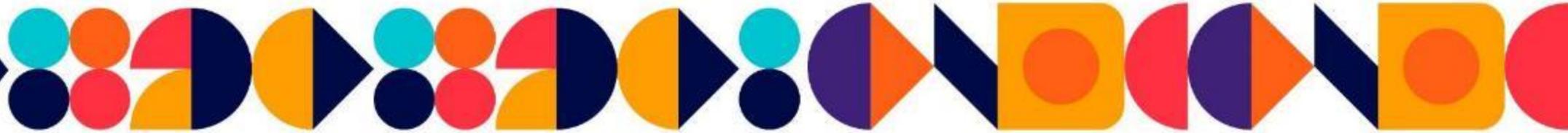


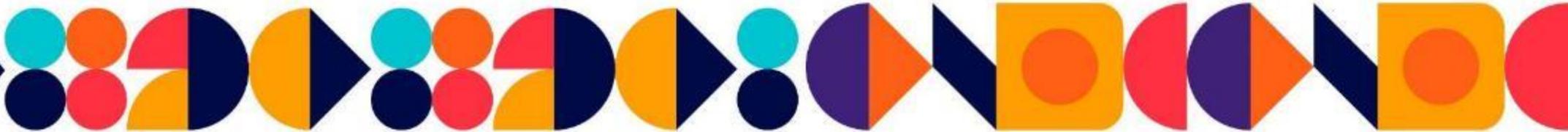


Atatürk Avenue



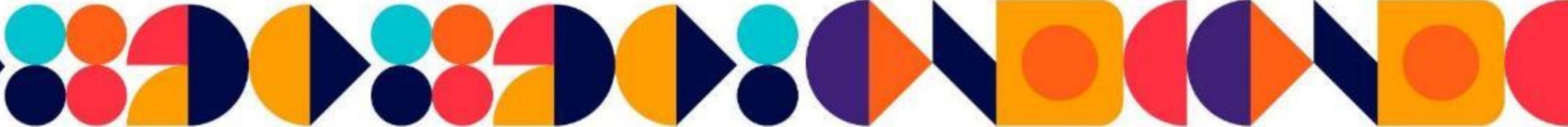


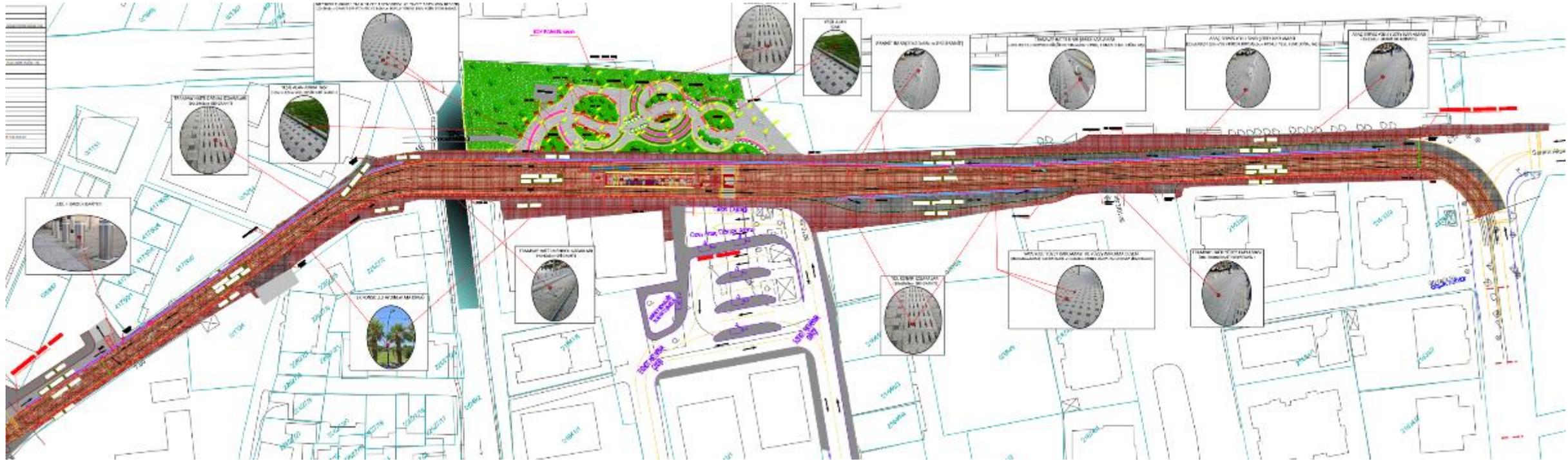




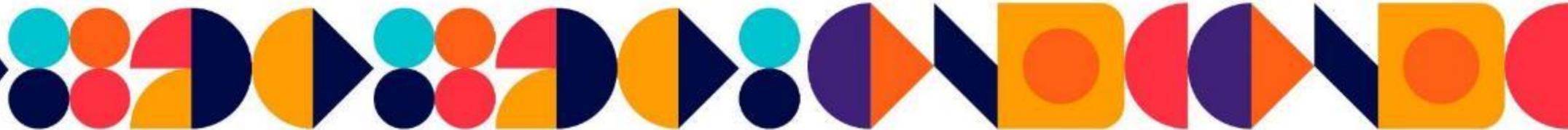
## Pedestrianization Zone

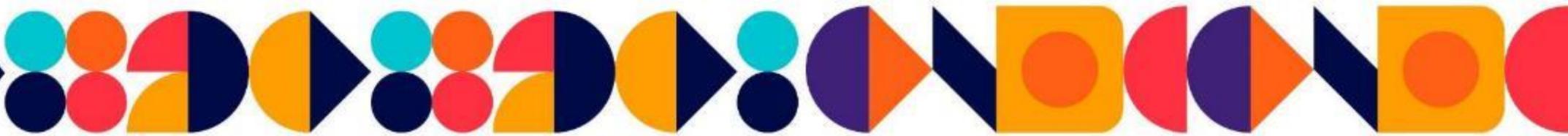
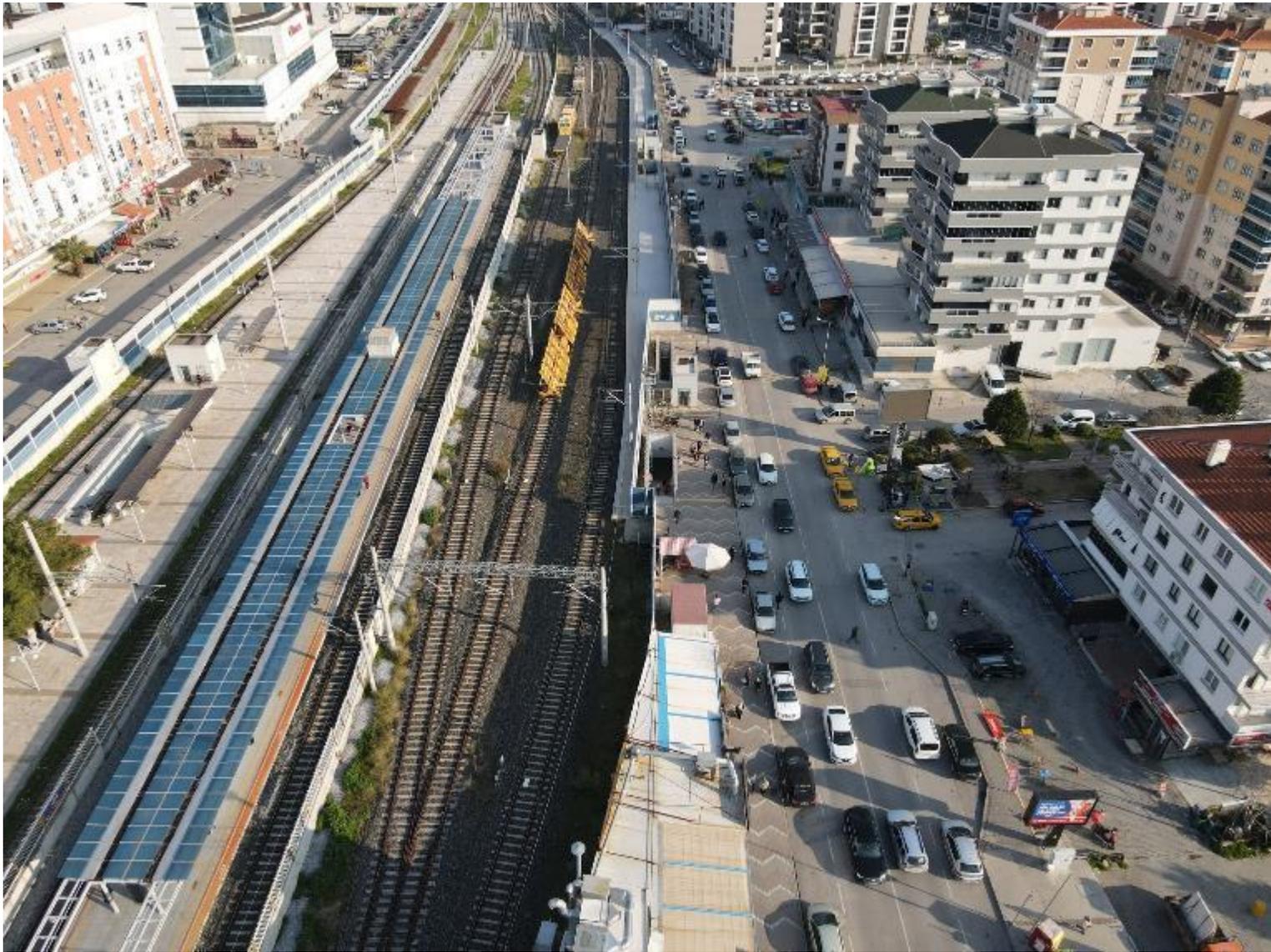
SEMRA AKSU street, where Çiğli -2 Station is located, will be pedestrianized since it is a region with high pedestrian density, which is also a transfer station to the İzban Line.

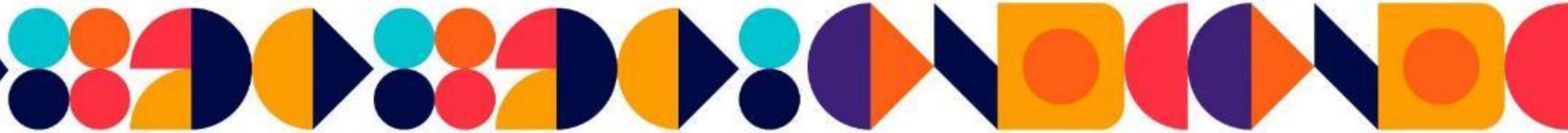


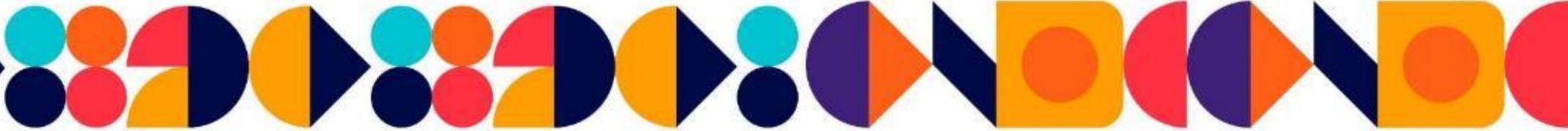


SEMRA AKSU Street Pedestrianization Plan



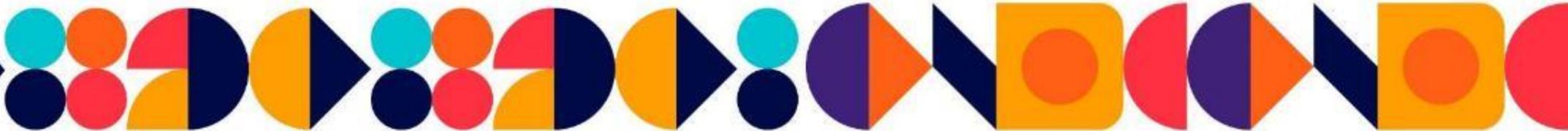


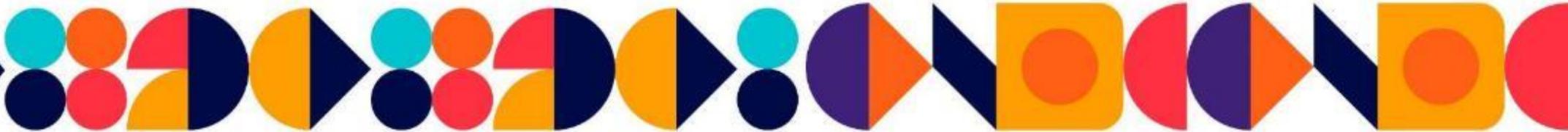


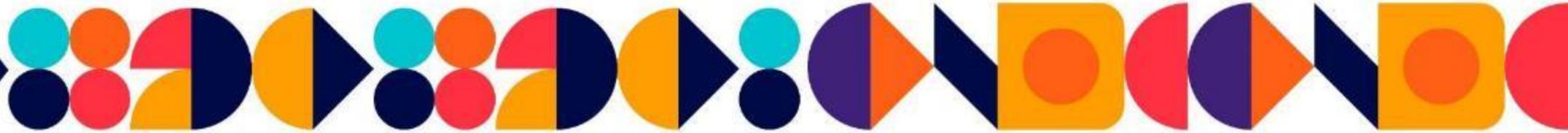




Old Airport Street

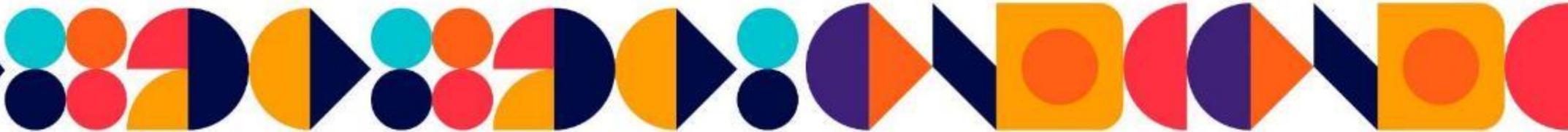


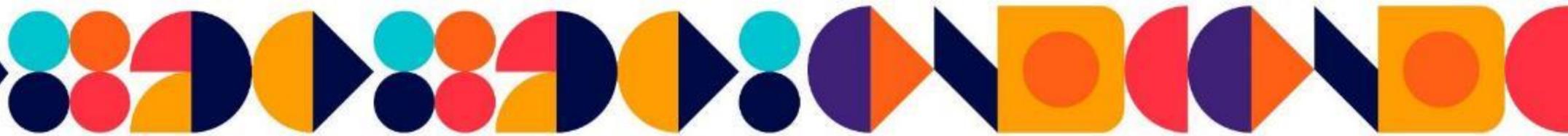


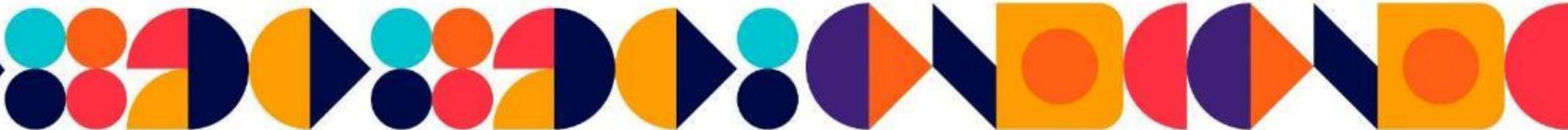


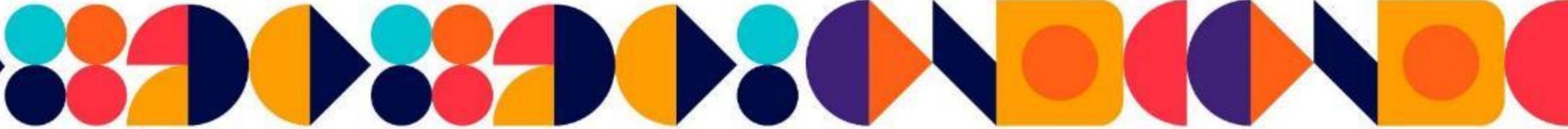


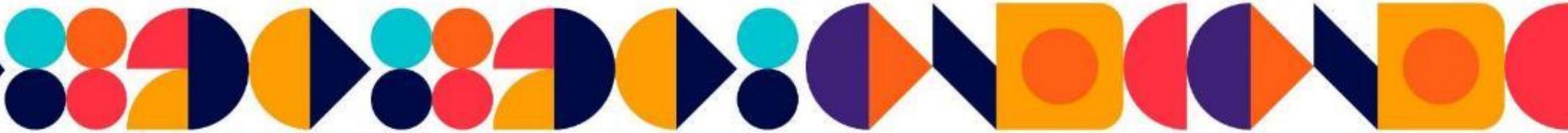
ATA Industrial Zone





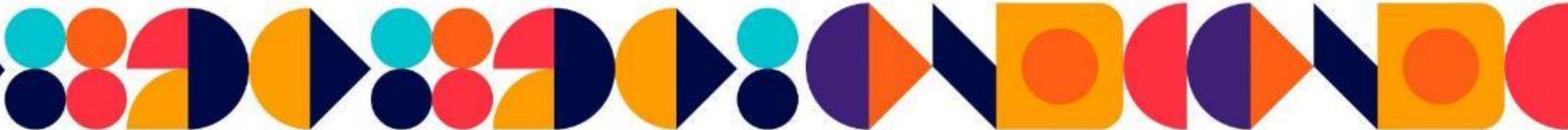


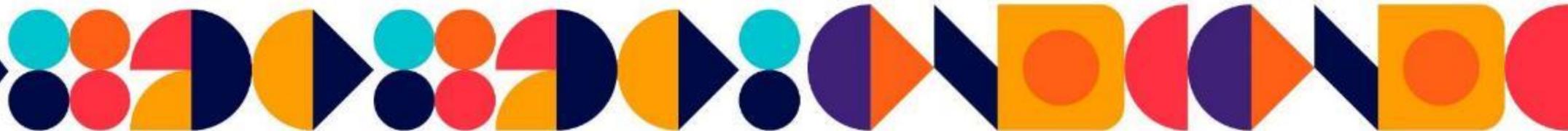


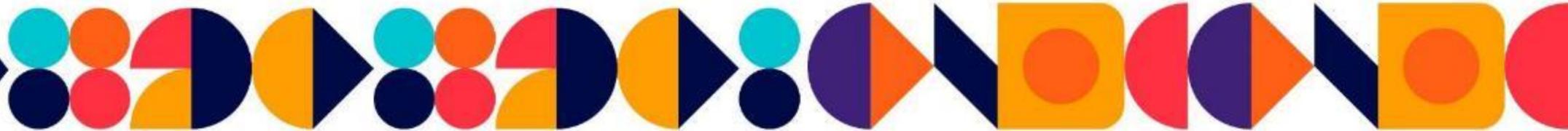




EVKA 5 Junction - AOSB

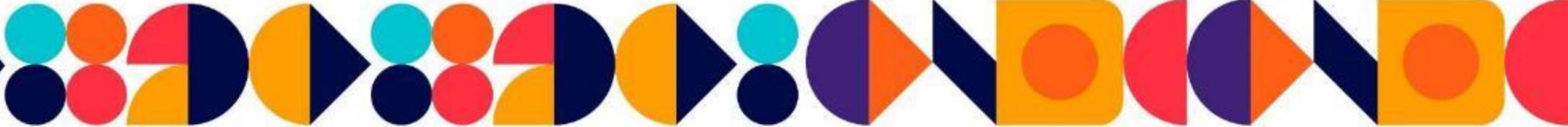


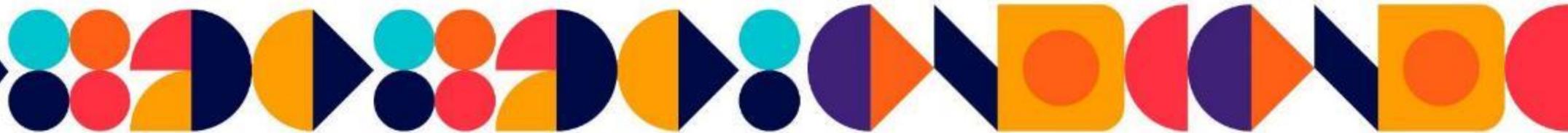


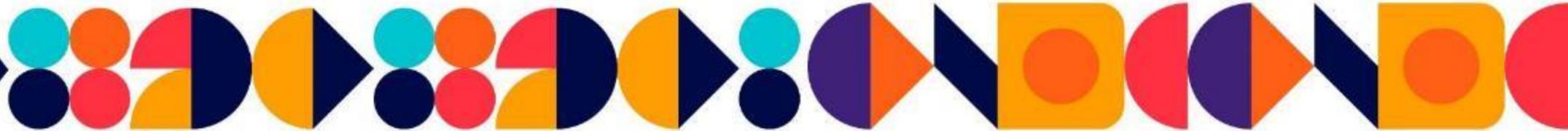




AOSB

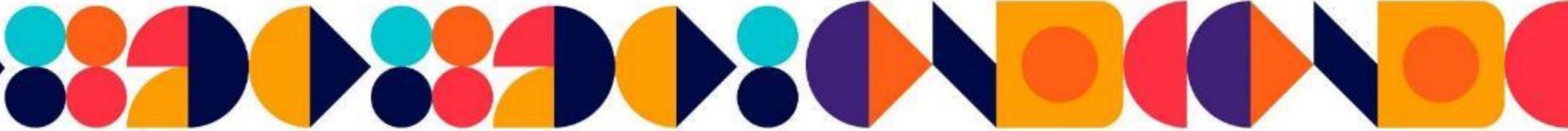


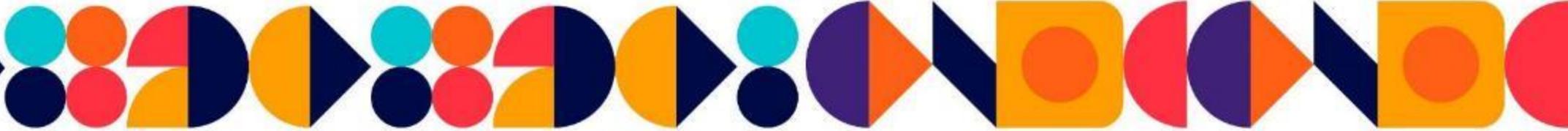


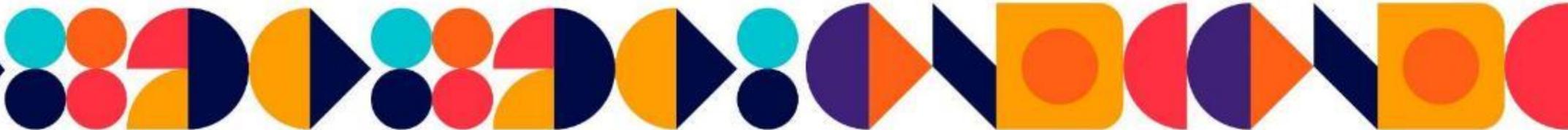


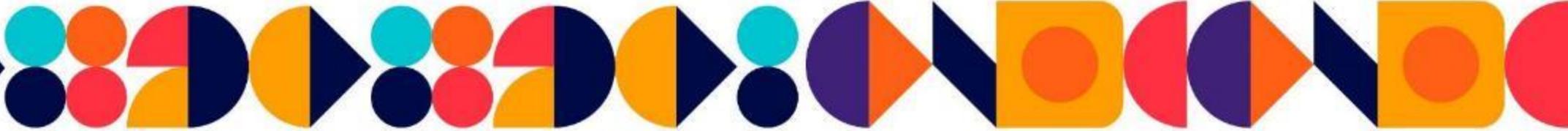


AOSB - Nazım Hikmet Run Street



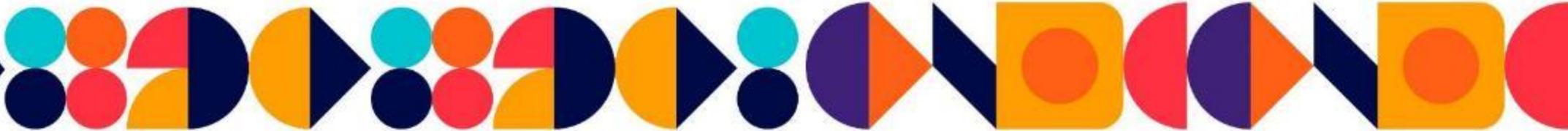








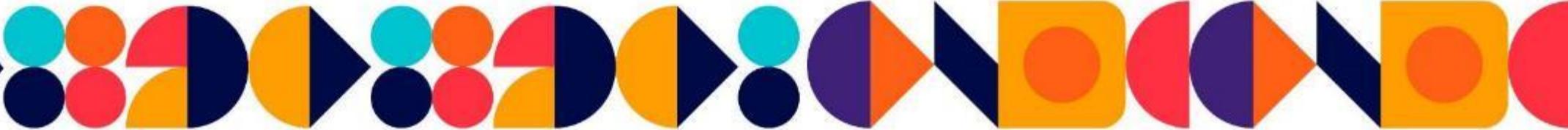
AOSB - Katip Çelebi University



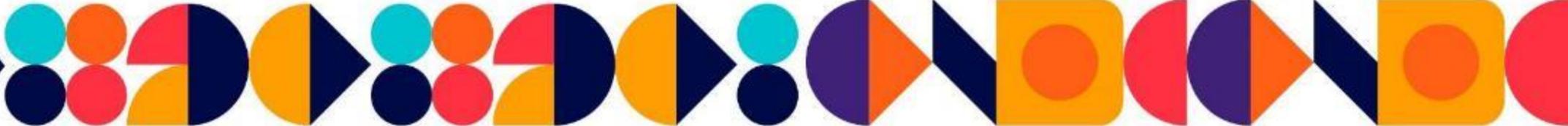
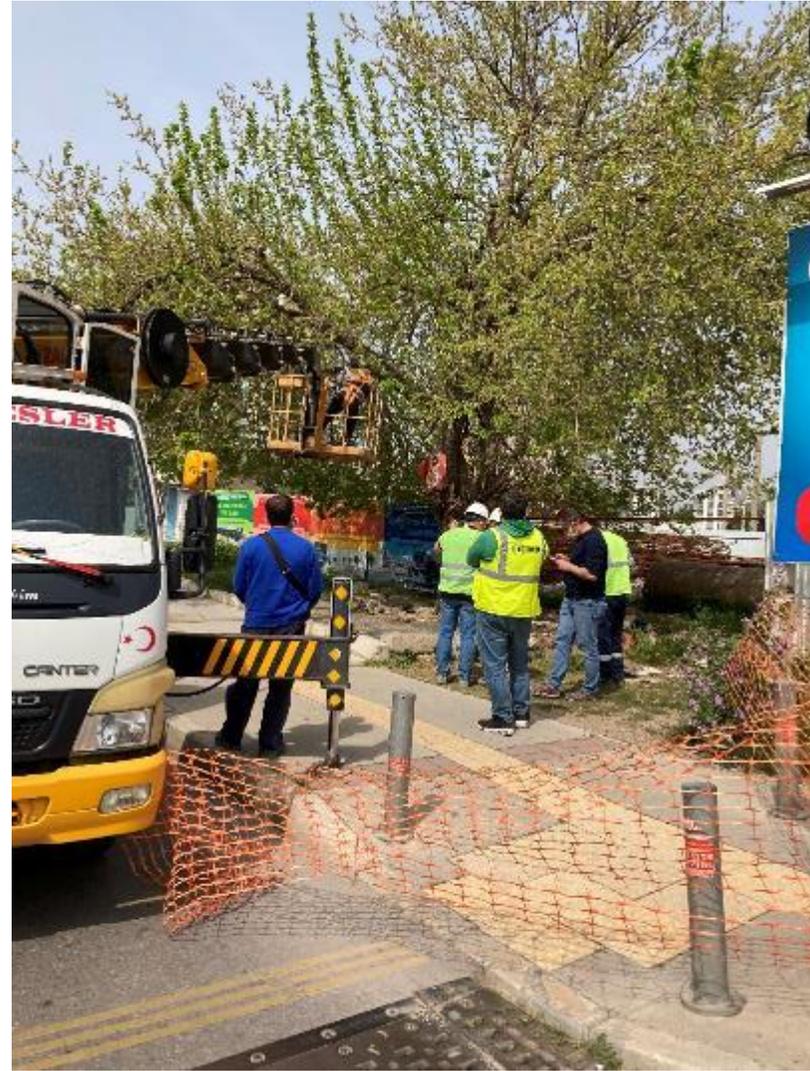


During the construction of the Karşıyaka Tram, the Ataşehir - Mavişehir İzban Line of approximately 1 km, which was not constructed due to property problems, will also be realized.

Ataşehir - İZBAN Line



In the production of environmentally friendly tram line, in order to protect the green areas, the trees that prevent the production of the line are carefully pruned and removed, and they are taken under protection in the nurseries of our municipality during the construction. During the landscaping to be made after the productions, the trees that have been removed will be replanted.



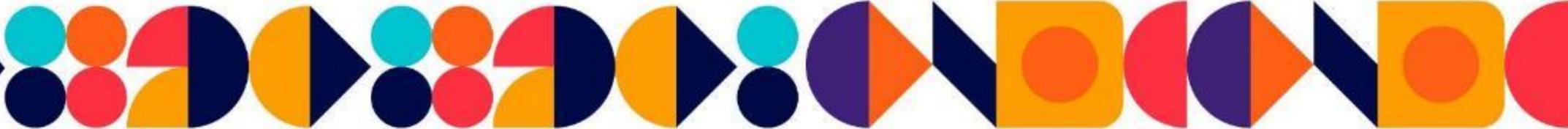


**TC - 1**



**TC - 2**

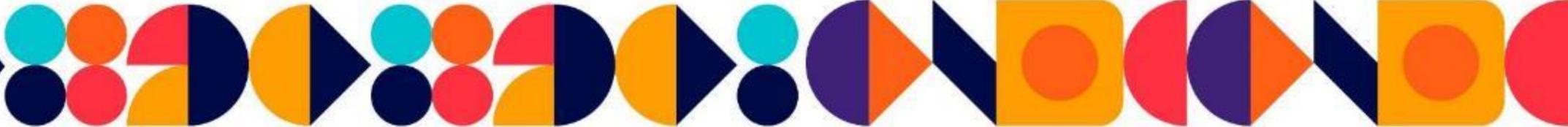
In order to provide the operational energy of the tram line, a total of 6 transformers, 5 above ground and 1 underground, will be built. The construction of the structures belonging to the transformers is going on.





TC - 3

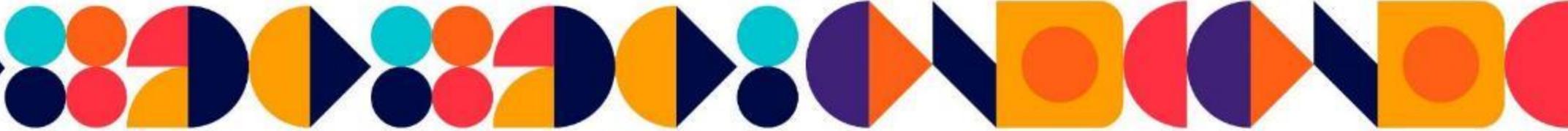
TC - 4



TC - 6



TC - 5



THANK YOU