

NEIGHBOURHOOD DEVELOPMENT PLAN: Project update

Case: HSR Layout, Bangalore

August, 2013



TOWARDS A WALKABLE AND SUSTAINABLE BENGALURU

HSR Neighborhood Improvement Project

Project 1: Safe and complete roads



Source: www.co-city.com

- complete street design
- junction design
- traffic calming
- parking designation
- shade and comfort (locations of trees, toilets, seating, bus stops)
- market area interventions

Project 2: Connected open spaces

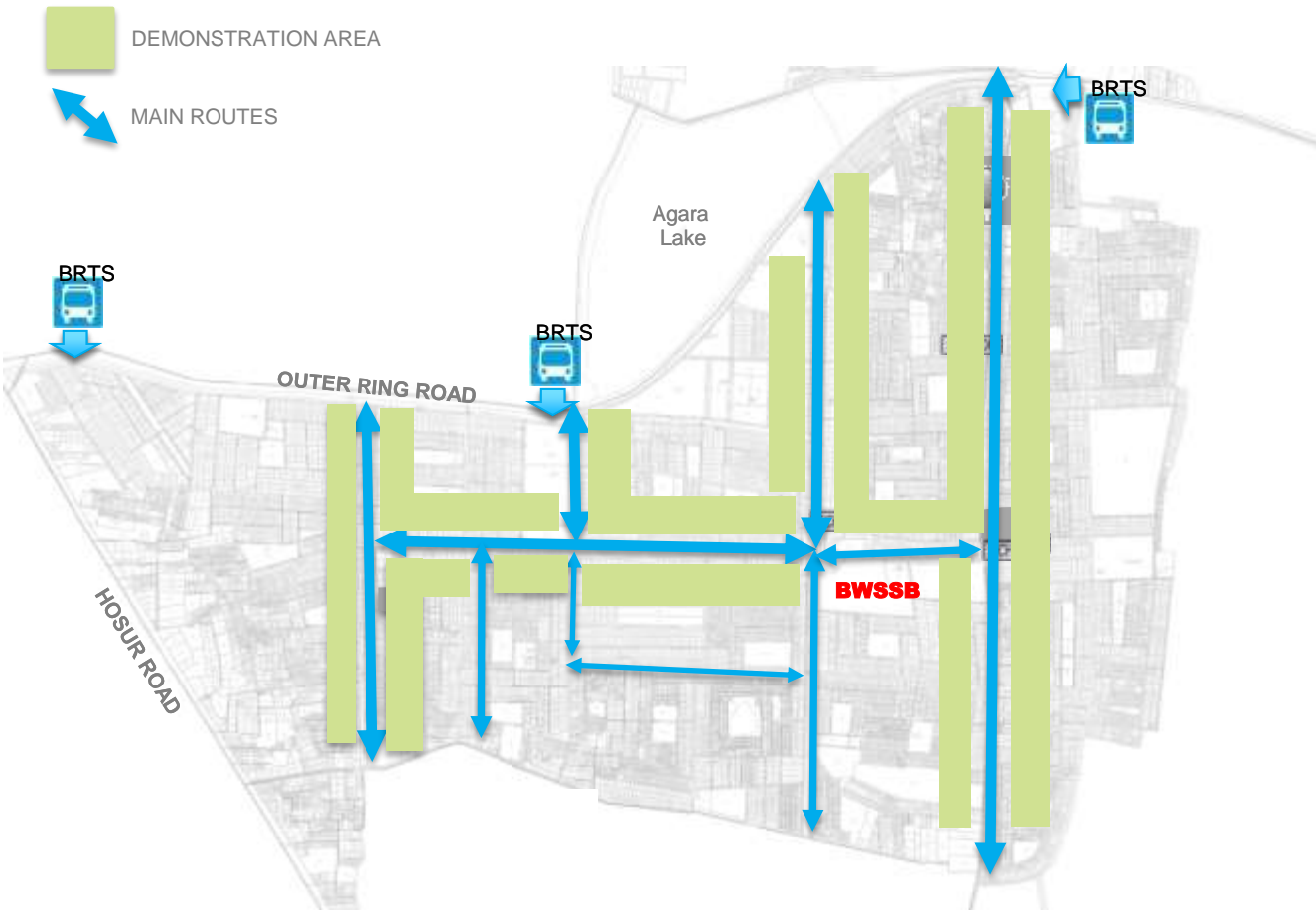


Source: www.callawaygardens.com

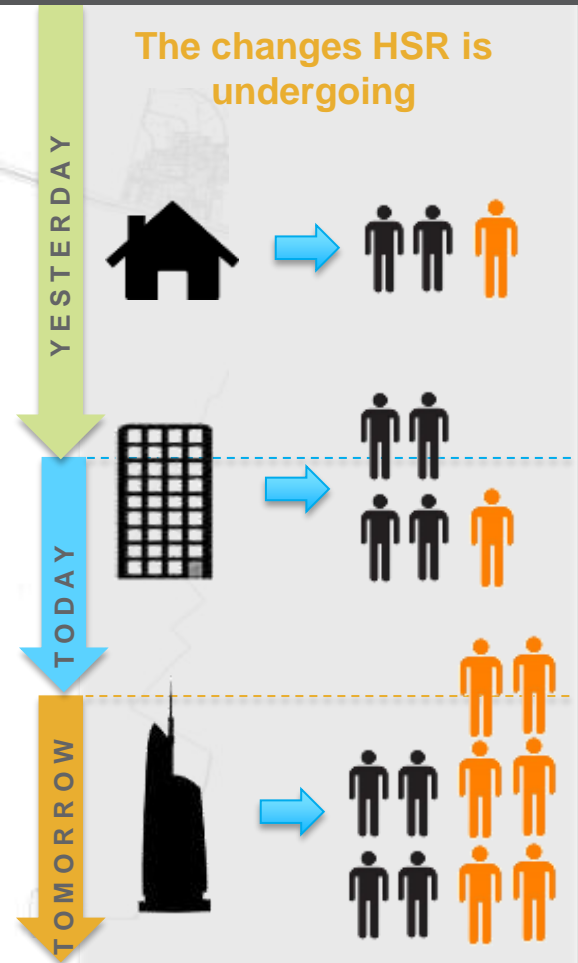
- commercial parking with walkways on neighbourhood edge
- recreational routes
- bio swale network and grey water filtration.
- open space network

TOWARDS A WALKABLE AND SUSTAINABLE BENGALURU

HSR Neighborhood Improvement Project



The changes HSR is undergoing



TOWARDS A WALKABLE AND SUSTAINABLE

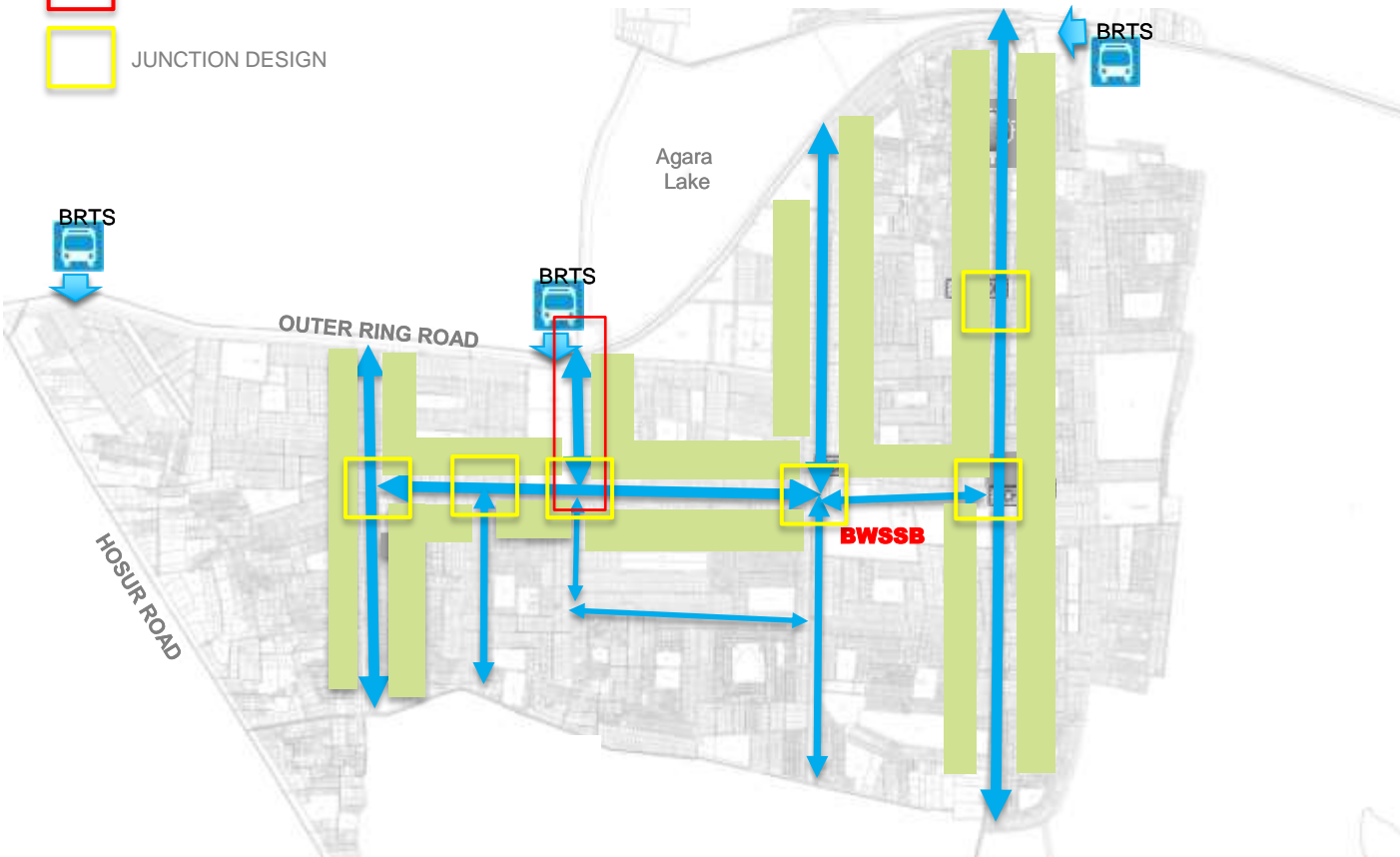
USR Neighborhood Improvement Project BENGALURU



DEMONSTRATION AREA



JUNCTION DESIGN



Direct access to ORR and Hosur road



Major connections in the neighborhood



Areas for commercial development



More people more vehicles



Need to create more public spaces and regulate vehicular movement

PARKING FOR CARS AND BIKES

SPEED CALMING FOR TERTIARY ROADS

CONSISTANT LANE WIDTHS

LARGER WALKING WIDTHS

TABLE TOP PEDESTRIAN CROSSING

CREATING PUBLIC SPACE IN THE B.D.A COMPLEX

TOILET AND DRINKING WATER COMPLEX

BUS BAY FOR 2 BUSES – no blockage of traffic

AUTO STAND

PROPOSED DESIGN

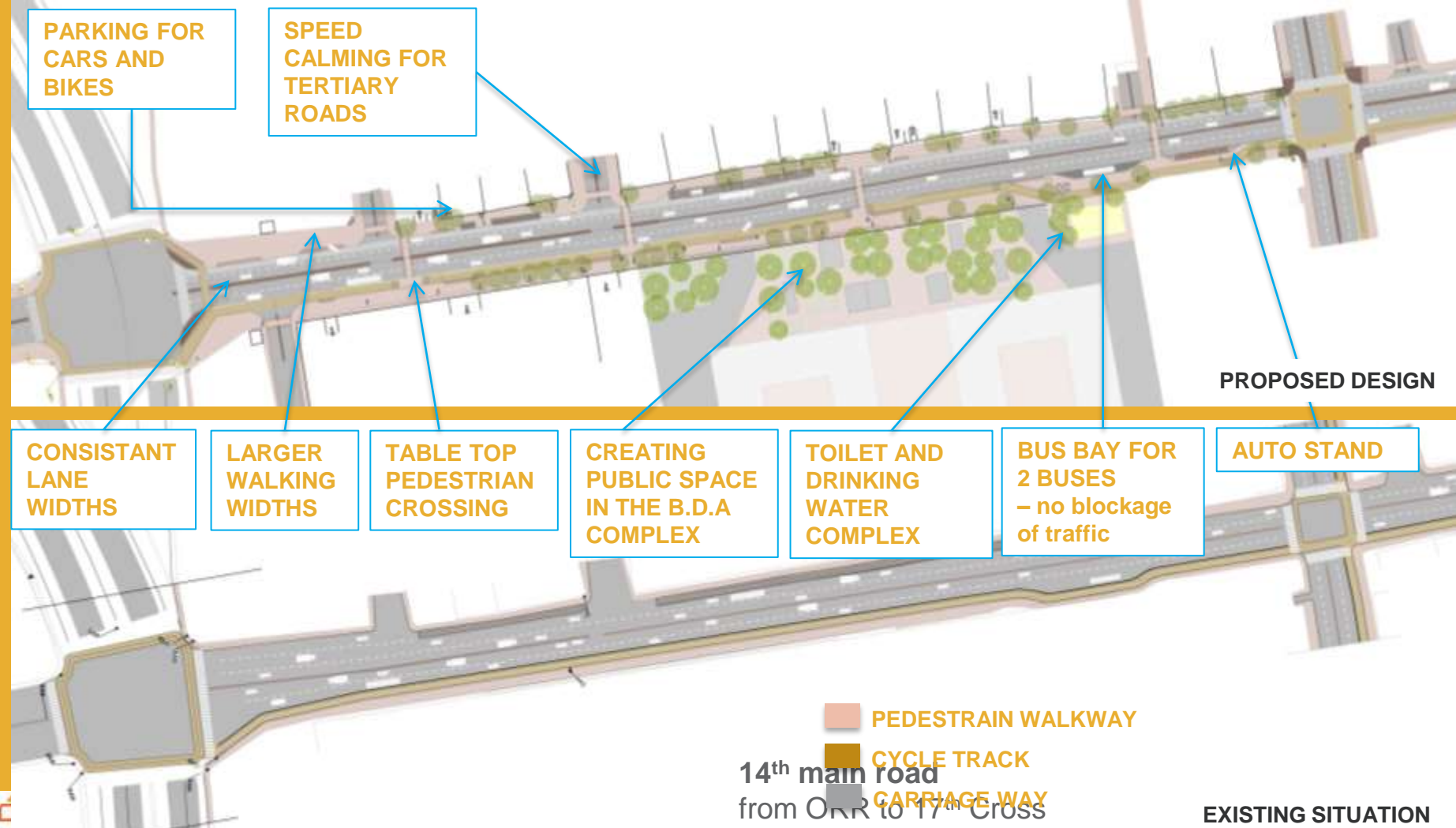
PEDESTRAIN WALKWAY

CYCLE TRACK

CARRIAGE WAY

14th main road
from ORR to 17th Cross

EXISTING SITUATION

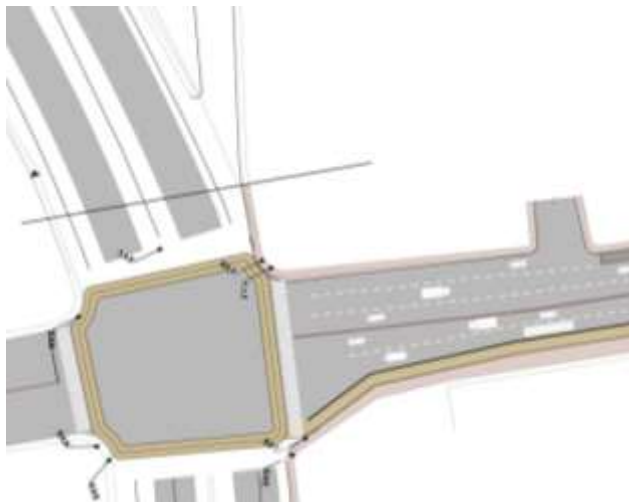


TOWARDS A WALKABLE AND SUSTAINABLE

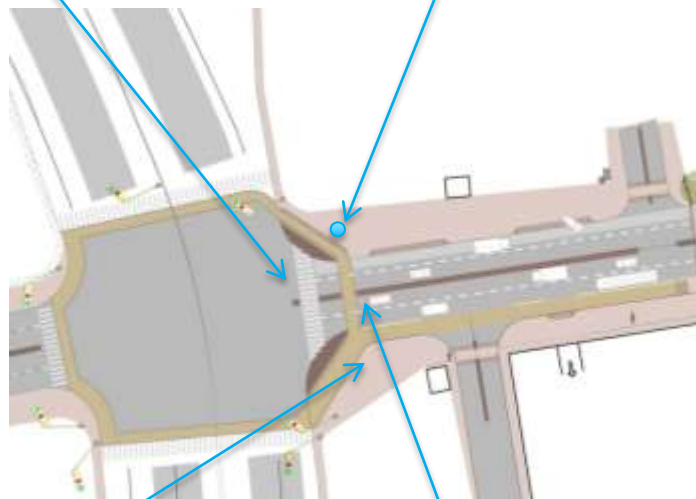
USR Neighbourhood Improvement Project
BENGALURU

Reconfigured junction will reduce crossing distances from xx m to xxm

Signage at entry points to the development



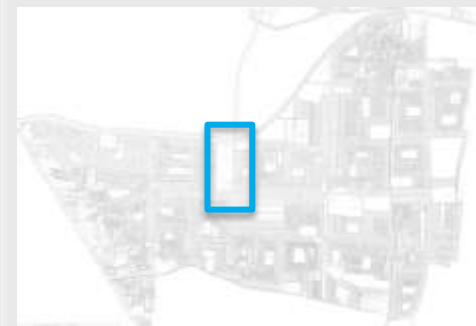
EXISTING SITUATION



PROPOSED DESIGN

Space for installation to create identity

Consistent road widths will prevent bottle necks in the area



A

B

C

Section A:

Junction of 14th main road and ORR

TOWARDS A WALKABLE AND SUSTAINABLE

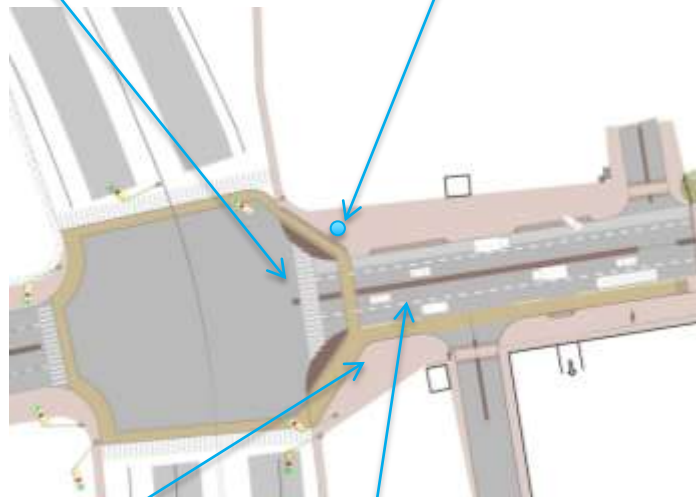
USR Neighborhood Improvement Project
BENGALURU

Reconfigured junction will reduce crossing distances from 25m to 15m

Signage at entry points to the development



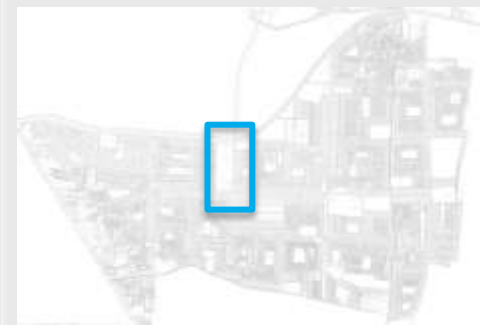
EXAMPLES



PROPOSED DESIGN

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Junction of 14th main road and ORR

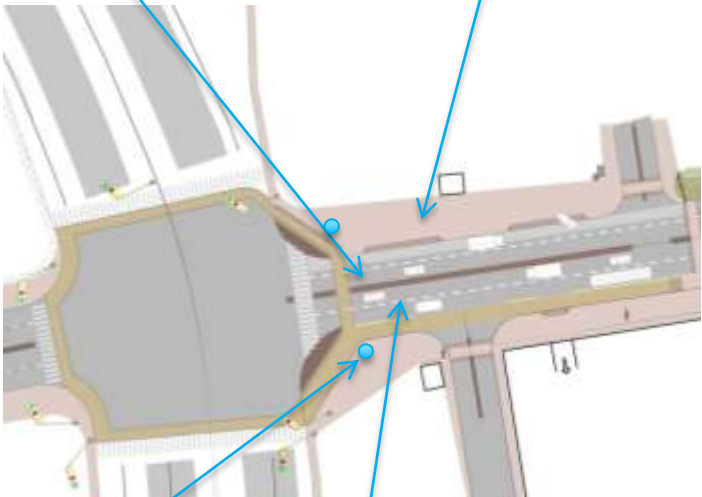
Directional Maps that guide visitors through the development

TOWARDS A WALKABLE AND SUSTAINABLE

USR - Neighborhood Improvement Project
BENGALURU

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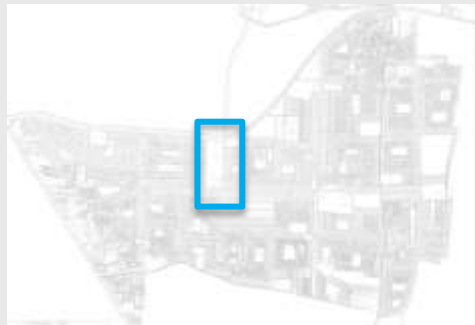
Signage at entry points to the development



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PROPOSED DESIGN



A B C

Section A:
Junction of 14th main road and ORR



Street art



Statues

virtualpaulscrossproject.blogspot.com

TOWARDS A WALKABLE AND SUSTAINABLE

URB Neighborhood Improvement Project
BENGALURU

Table top pedestrian crossing for easy pedestrian access

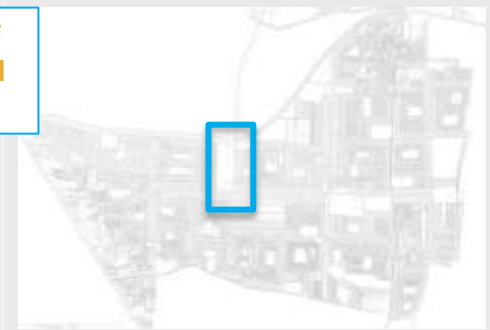
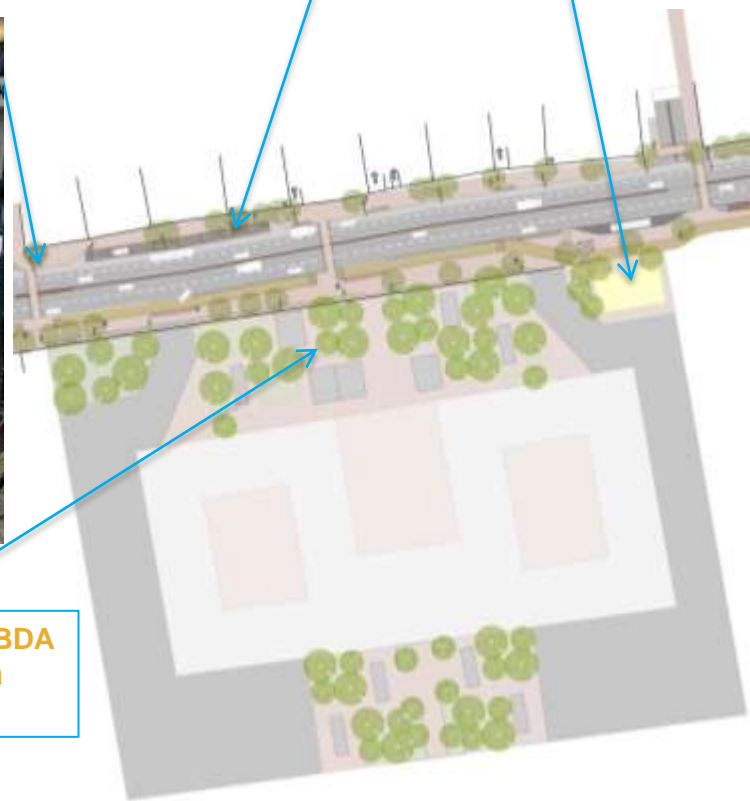
Parking bays integrated into sidewalks

Providing facilities of Public restrooms and drinking water



forums.finalgear.com

Reworking of the BDA complex to build a plaza space



Section B:
14th main road between
ORR and 17th cross

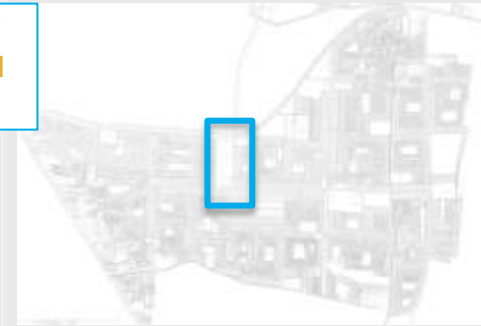
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BENGALURU

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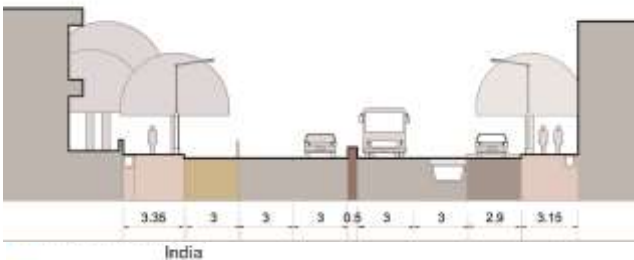
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USR - Neighborhood Improvement Project
BENGALURU

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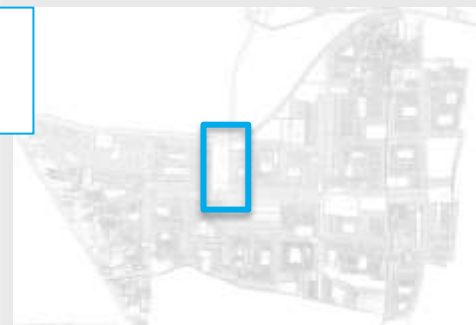
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soni2006.hubpages.com

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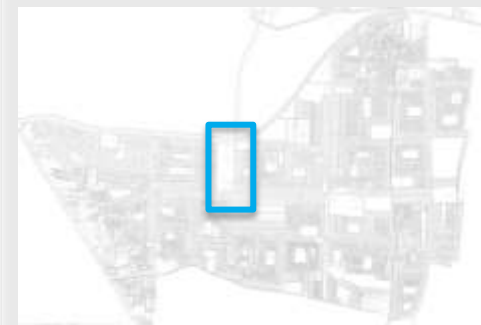
14th main road between
ORR and 17th cross

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arcadiasbest.com



A B C

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URB Neighbourhood Improvement Project
BENGALURU

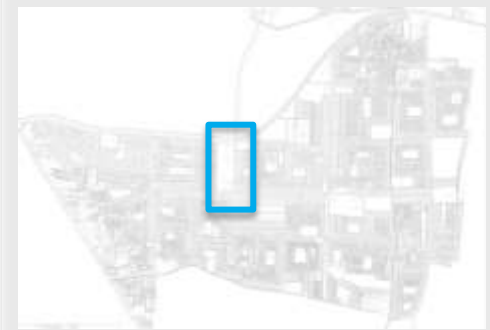
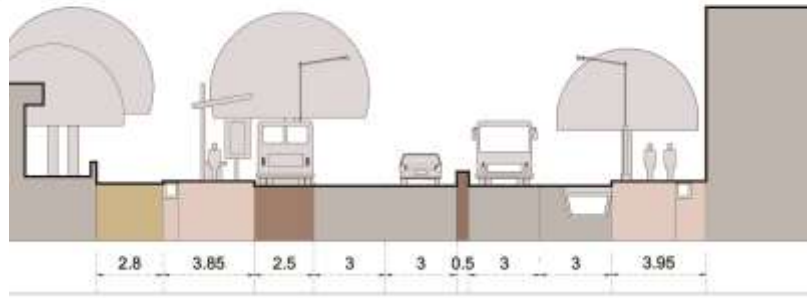
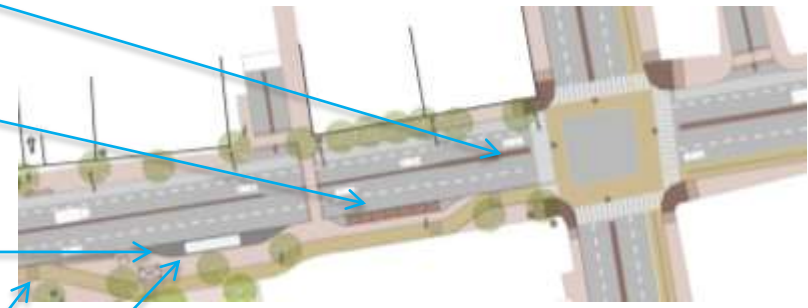
Median to control turning movements

AUTO STAND

BUS BAY FOR 2 BUSES – no blockage of traffic

Cycle stand

Space for Bus stop and signage



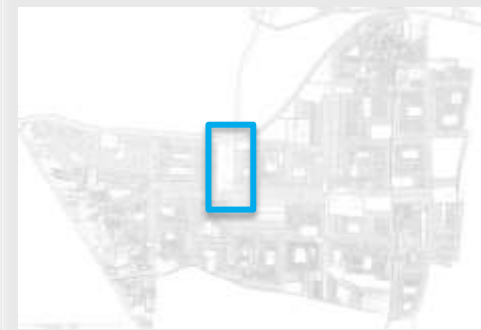
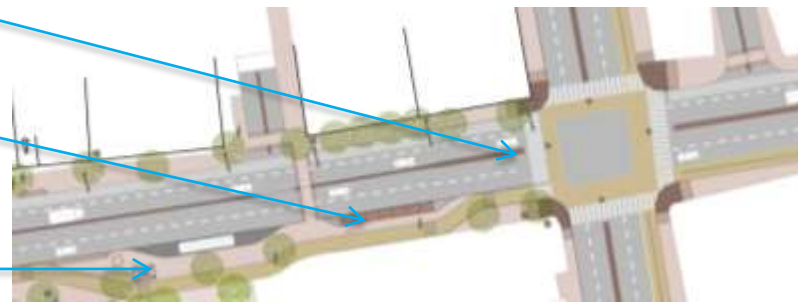
TOWARDS A WALKABLE AND SUSTAINABLE

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BENGALURU

Median to control turning movements

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- no blockage of traffic



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TOWARDS A WALKABLE AND SUSTAINABLE HSR Neighbourhood Improvement Project BENGALURU

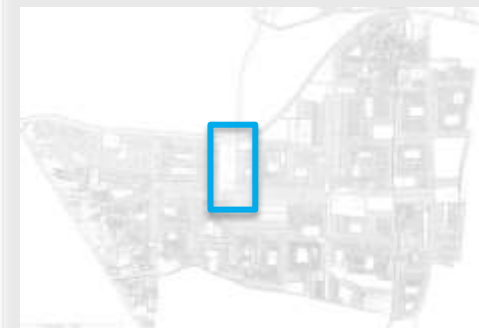
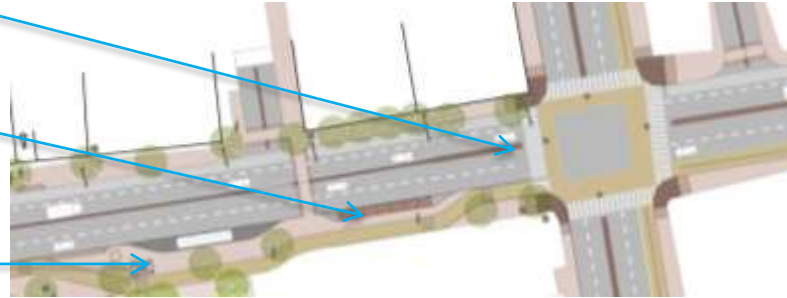
Location of HSR NIP

Location in Bangalore

Median to control turning movements

AUTO STAND

BUS BAY FOR 2 BUSES
– no blockage of traffic



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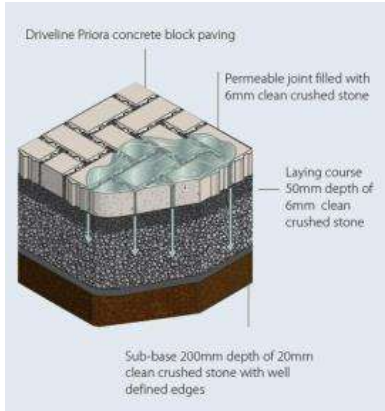
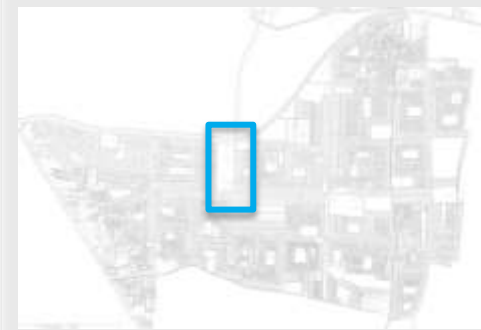
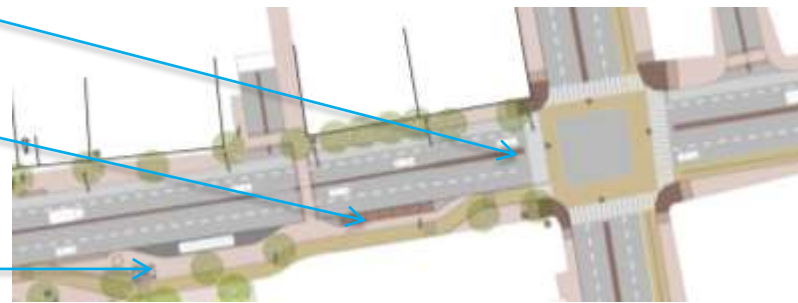
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URB Neighbourhood Improvement Project
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TOWARDS A WALKABLE AND SUSTAINABLE BENGALURU

USR Neighborhood Improvement Project



TOWARDS A WALKABLE AND SUSTAINABLE

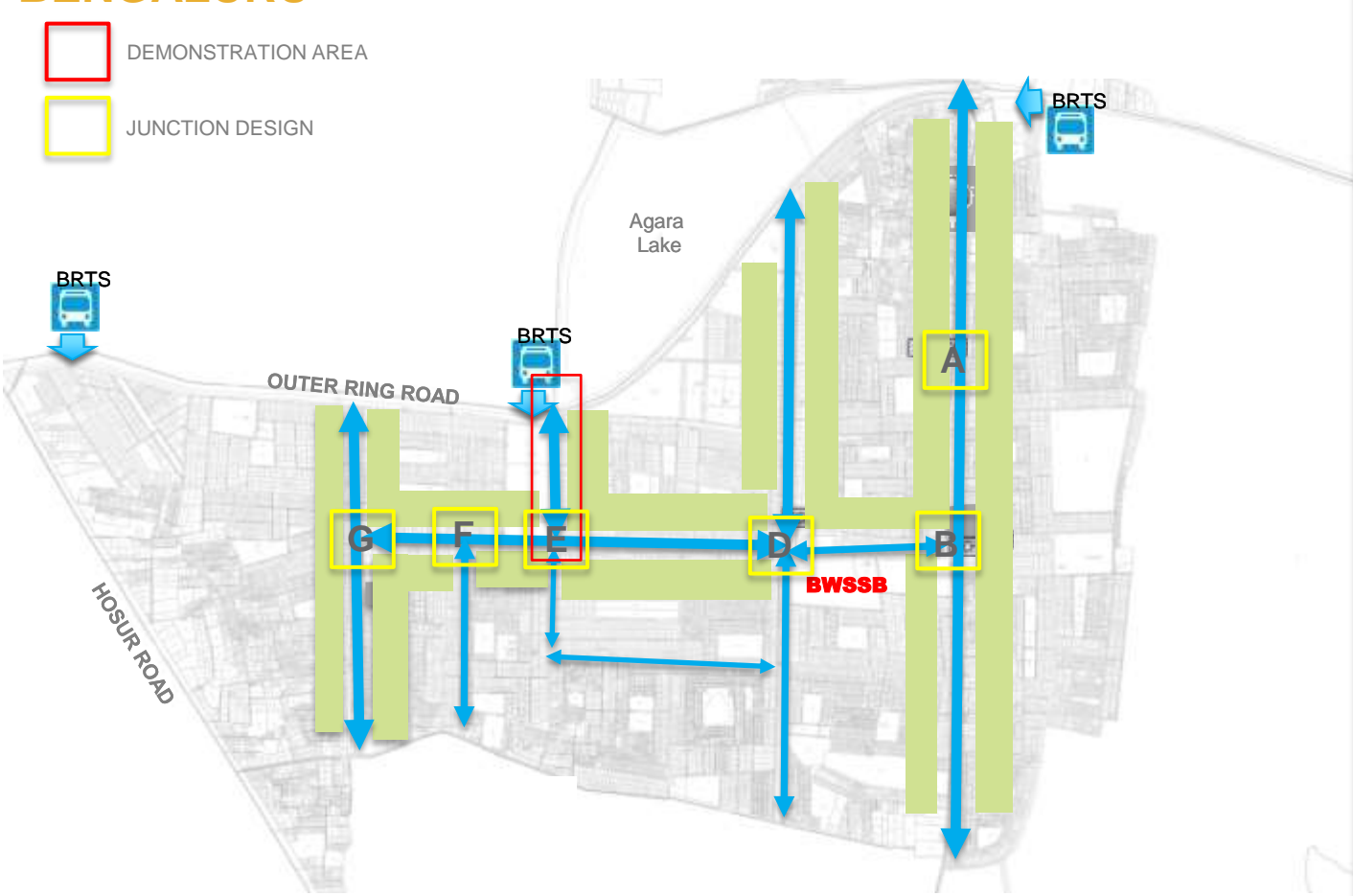
HSR Neighborhood Improvement Project
BENGALURU

Items	Area (sqmts)	Length	Number
Bicycle Track	1640.24	395 M	NA
Footpath (West)	1870.49	335 M	NA
Footpath (East)	2176.17	335 M	NA
Table top crossings	236.41	NA	9
Two-wheeler parking	41.60	NA	26
Car Parking	161.22	NA	8
Autorickshaw Stand/Parking	31.49	NA	7
Street furniture	NA	NA	160
Street Lights	NA	NA	64
Maps	NA	NA	3
Advertisement Boards	NA	NA	16
Trees	NA	NA	45

TOWARDS A WALKABLE AND SUSTAINABLE

URB Neighborhood Improvement Project
BENGALURU

-  DEMONSTRATION AREA
-  JUNCTION DESIGN

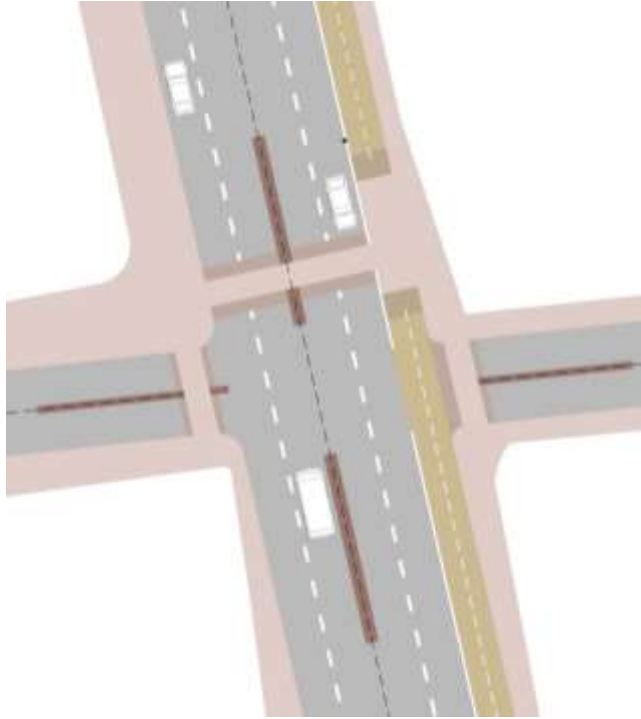


Junction

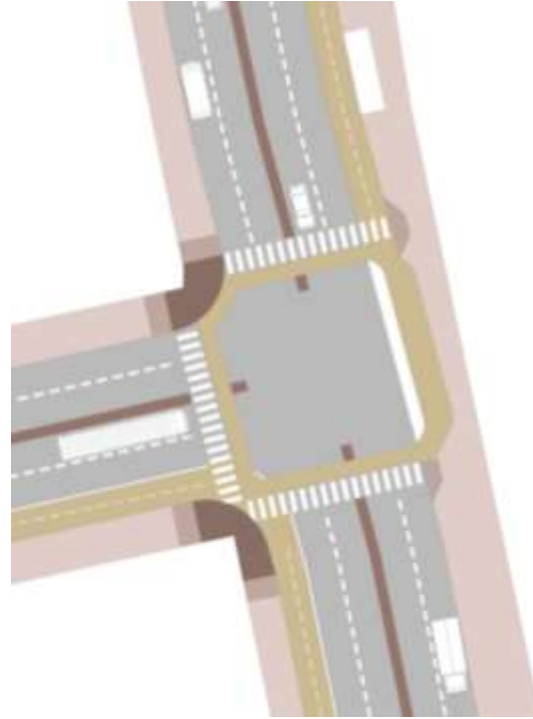


TOWARDS A WALKABLE AND SUSTAINABLE

USR Neighbourhood Improvement Project
BENGALURU



A



B



Junction A:
CPWD junction , 21st
main road

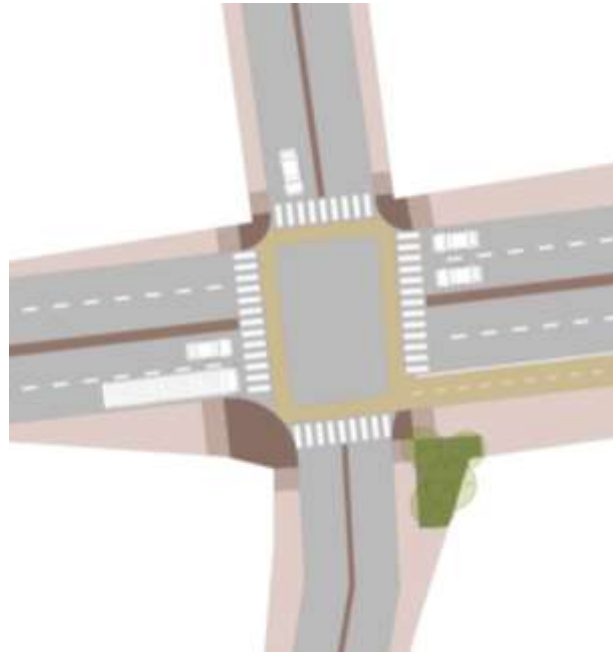
Junction B:
Junction of 21st main
and 17th cross

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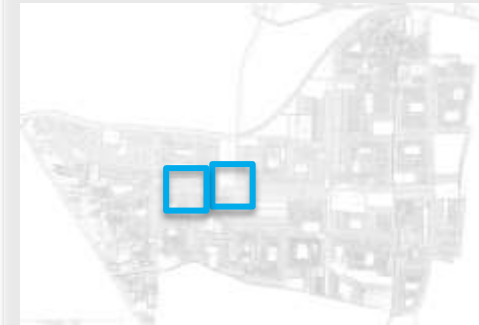
USP Neighborhood Improvement Project
BENGALURU



D

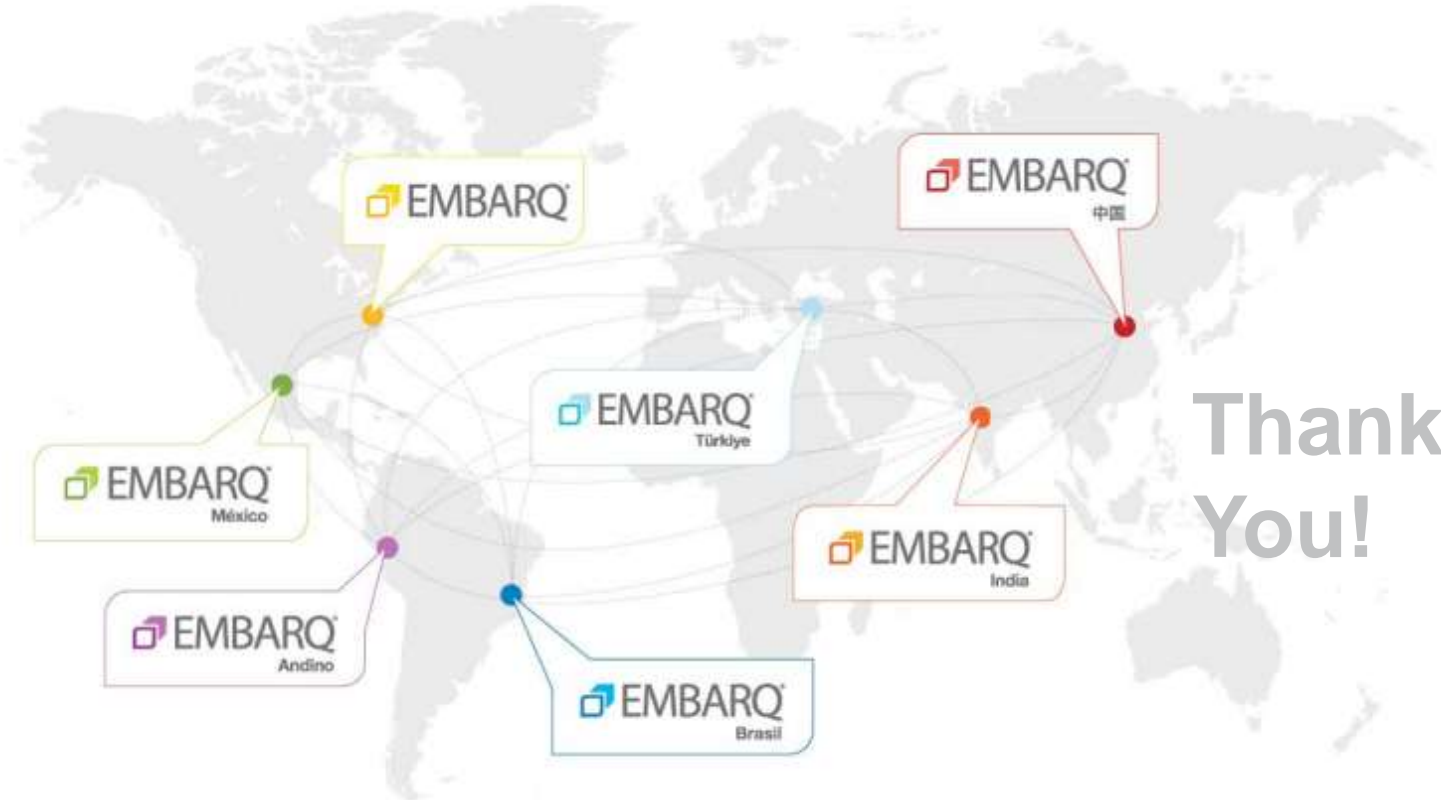


E



Junction D:
Junction of 14th main
and 17th cross

Junction E:
Junction of 9th main
and 17th cross



Thank
You!