

Presentation on

**Important Road
Development
Project of
Keraniganj Upazila
Under LGED**





Keraniganj has been a **regulator** of Dhaka's development for past few decades



However, Unplanned development, high density business areas and **weak road network** has been **affecting** development of Keraniganj

POTENTIALS OF KERANIGANJ ROAD NETWORK DEVELOPMENT



POTENTIAL

- Dhaka-Mawa Highway (N8)

DRIVER

- Babubazar Bridge
- Postogola Bridge

PROBLEM

- Unsafe intersections with N8
- Drainage
- Water Logging

SOLUTION

- Proper Roads
- Safe Intersections of local roads with highway
- Functional Footpath
- Common Utility Ducts underneath footpath

National Connectivity in RSTP for Keraniganj Upazila

TO BANGABANDHU BRIDGE

TO
MYMENSINGH

TO PATURIA FERRYGHAT

LEGEND:

-  DHAKA ASHULIA ELEVATED EXP.
-  DHAKA MYMENSINGH EXP.
-  DHAKA ELEVATED EXP.
-  DHAKA MAWA EXP.
-  DHAKA CHITTAGONG EXP.
-  DHAKA SYLHET EXP.
-  DHAKA ARICHA HIGHWAY

Joydebpur

Tongi

Ashulia

Savar

Hemayetpur

Jhilmil

Bhulta

Sonargaon

Narayanganj

Munshigonj

Narsingdi

TO PADMA BRIDGE

TO
SYLHET

TO
CHATTOGRAM

OUTER RING ROAD

Hemayetpur



Kalakandi



Madanpur



Danga



Bypail



Gazipur

Manikgonj

MIDDLE RING ROAD

Autpura



Dhaka Bypass



Bhulta



Kanchpur



Narayanganj



Jhilmil

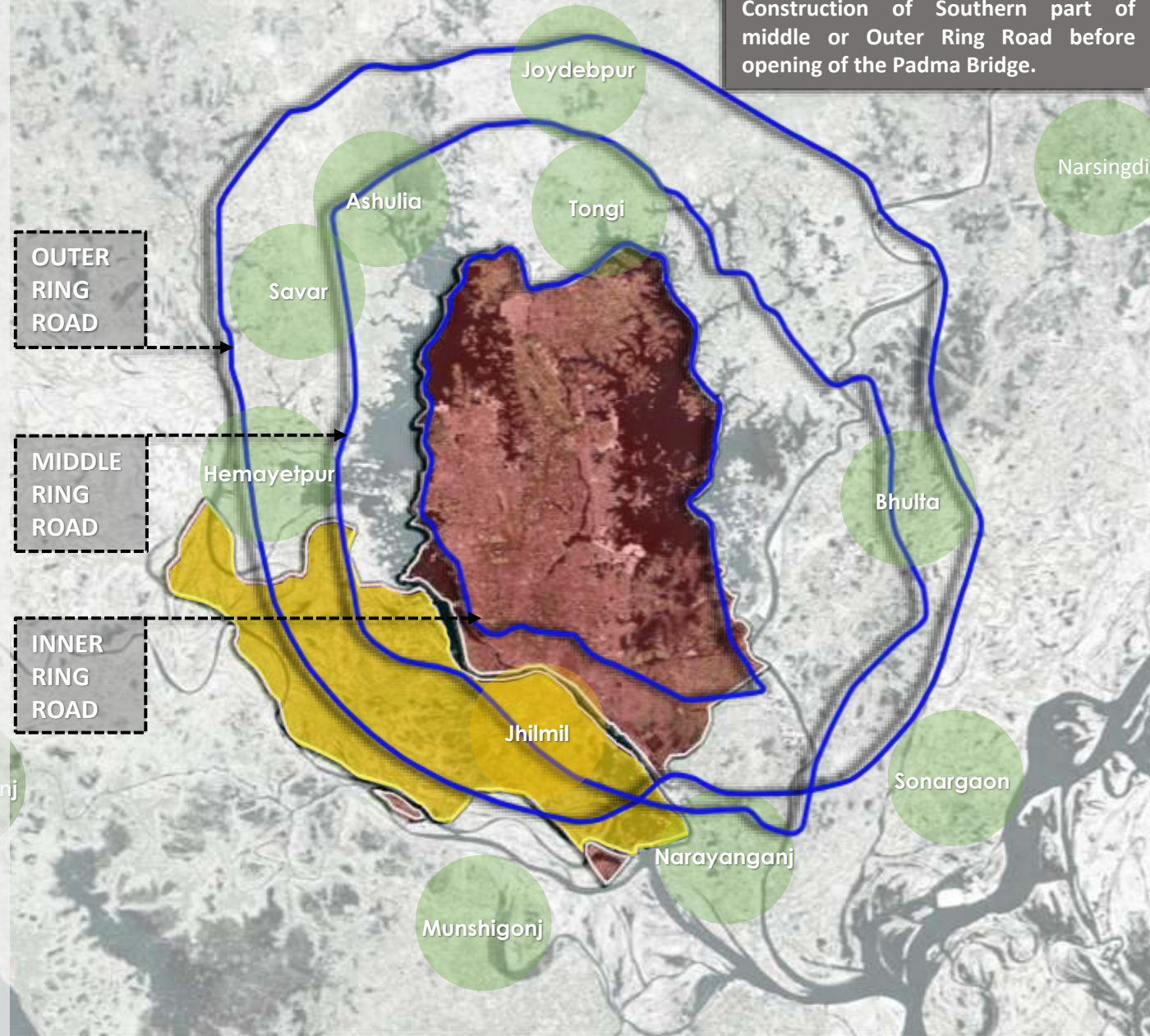


Western Bypass

Nawabganj

Ring roads around Dhaka

Construction of Southern part of middle or Outer Ring Road before opening of the Padma Bridge.



Mass Rapid Transit Network

- Gazipur - Airport - Kamalapur -

Jhilmil

- Purbachal - Khilkhet

Bus Rapid Transit - BRT

- Gazipur – International Airport -

Jhilmil



MRT LINE 1

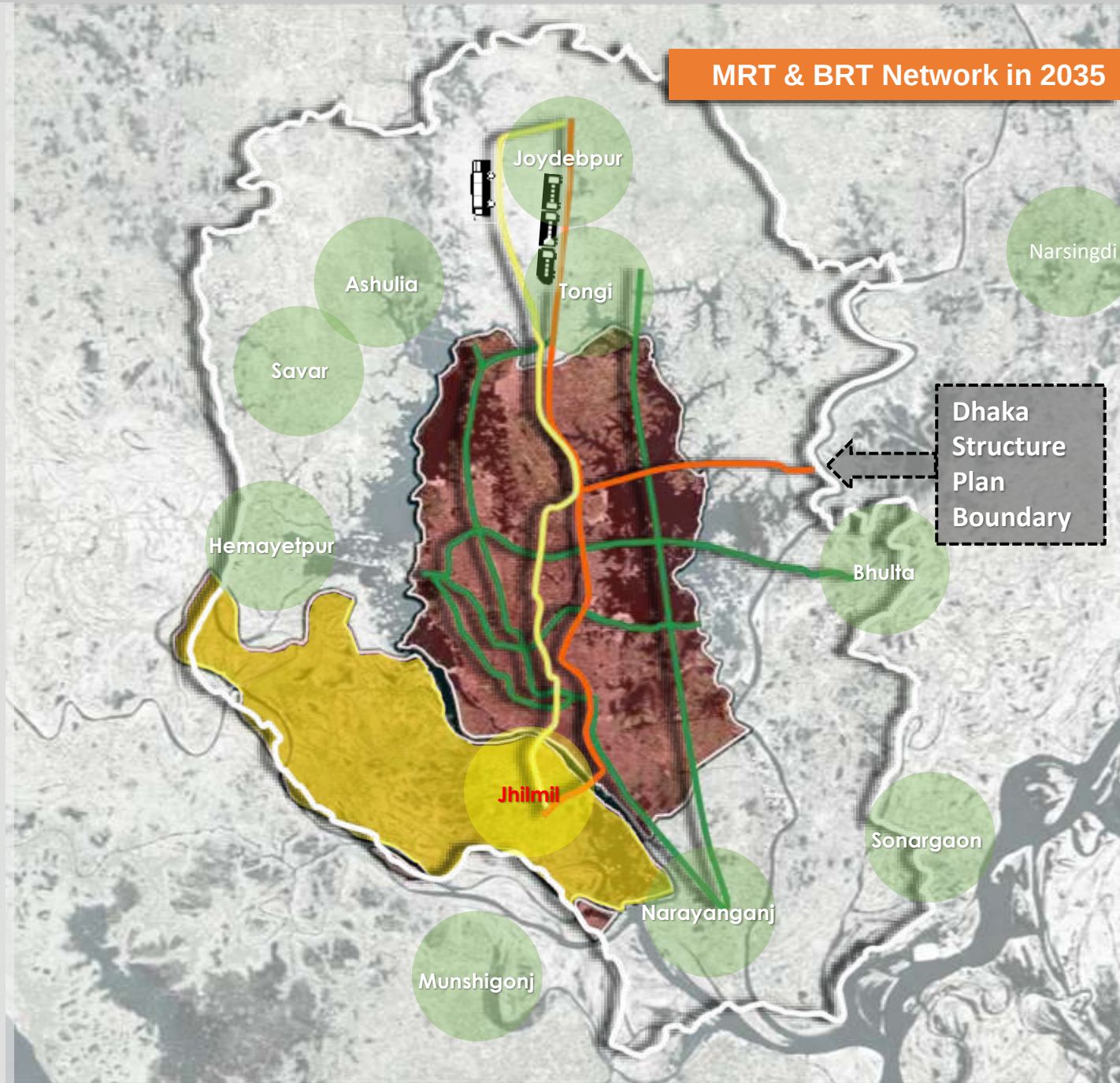


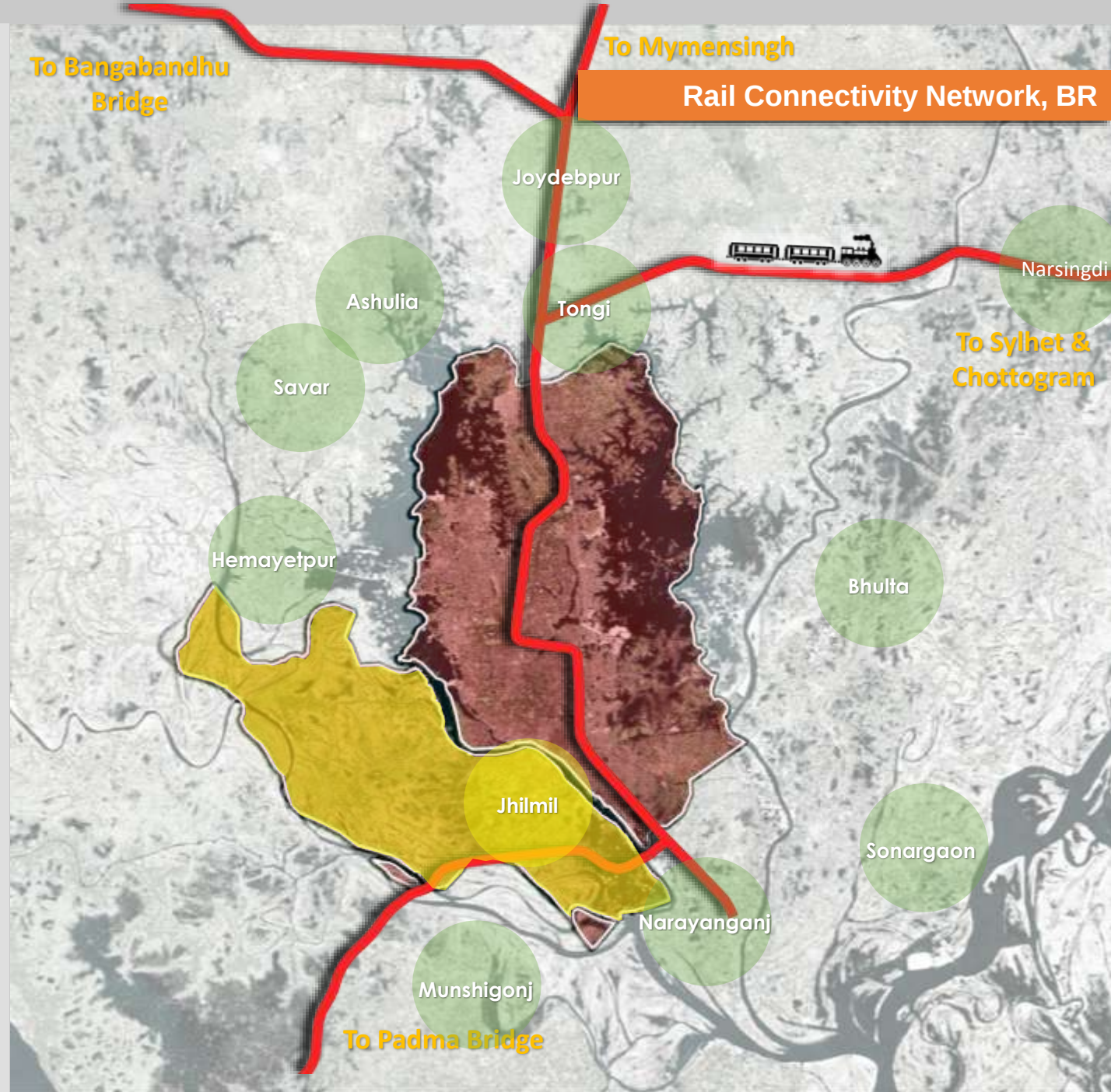
BRT LINE 3



**OTHER MRT
& BRT LINES**

MRT & BRT Network in 2035







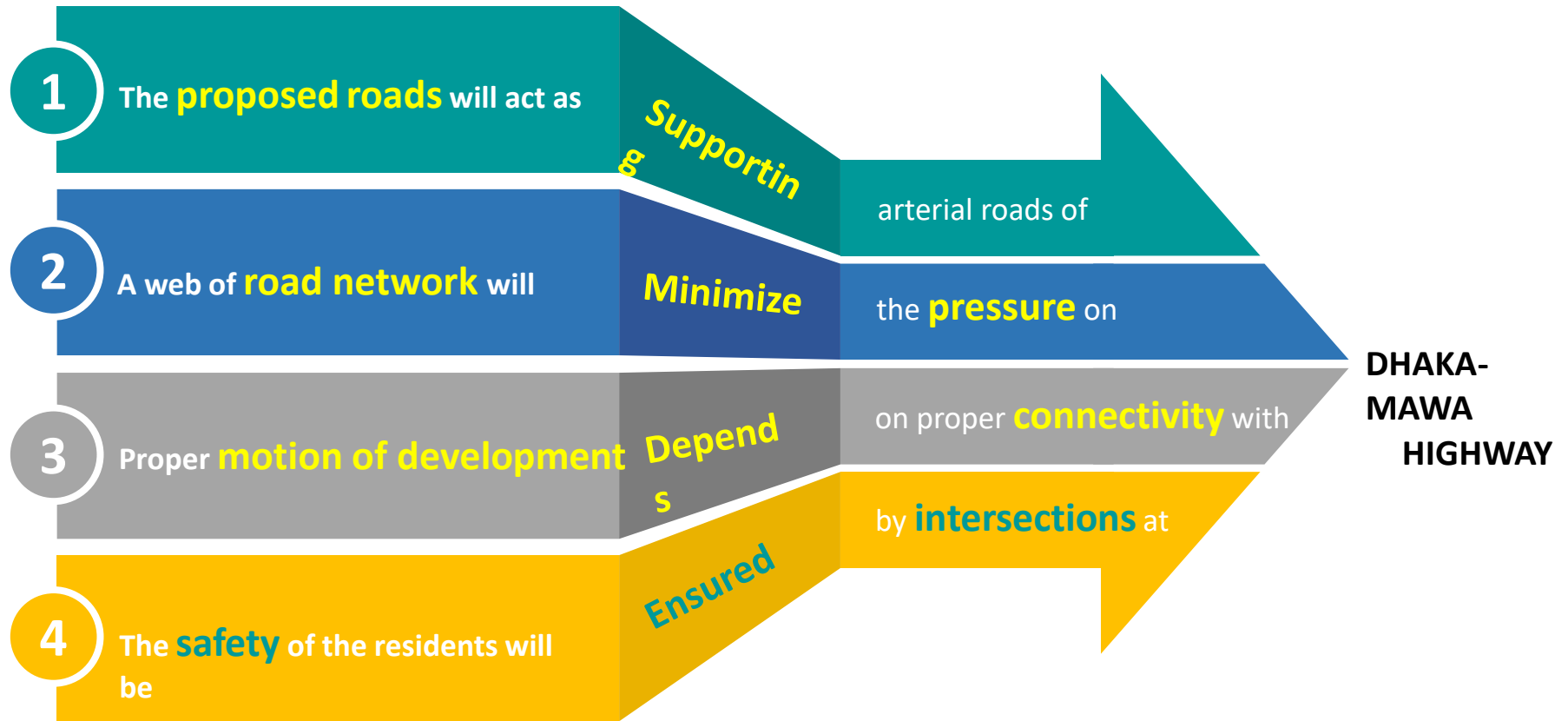
Road Connectivity



The proposed road network and redevelopment of Keraniganj will significantly **off-burden Dhaka** of Traffic by the construction of **Padma Bridge** and **N8 highway** that runs through Keraniganj.

Improved Intersections, interconnected roads, construction of Bus and Truck terminal, Warehouses, Wholesale Markets along the N8 highway and major connecting roads to Dhaka will give Keraniganj an opportunity to support Dhaka city's demands.

IMPORTANCE OF KERANIGANJ ROAD NETWORK DEVELOPMENT

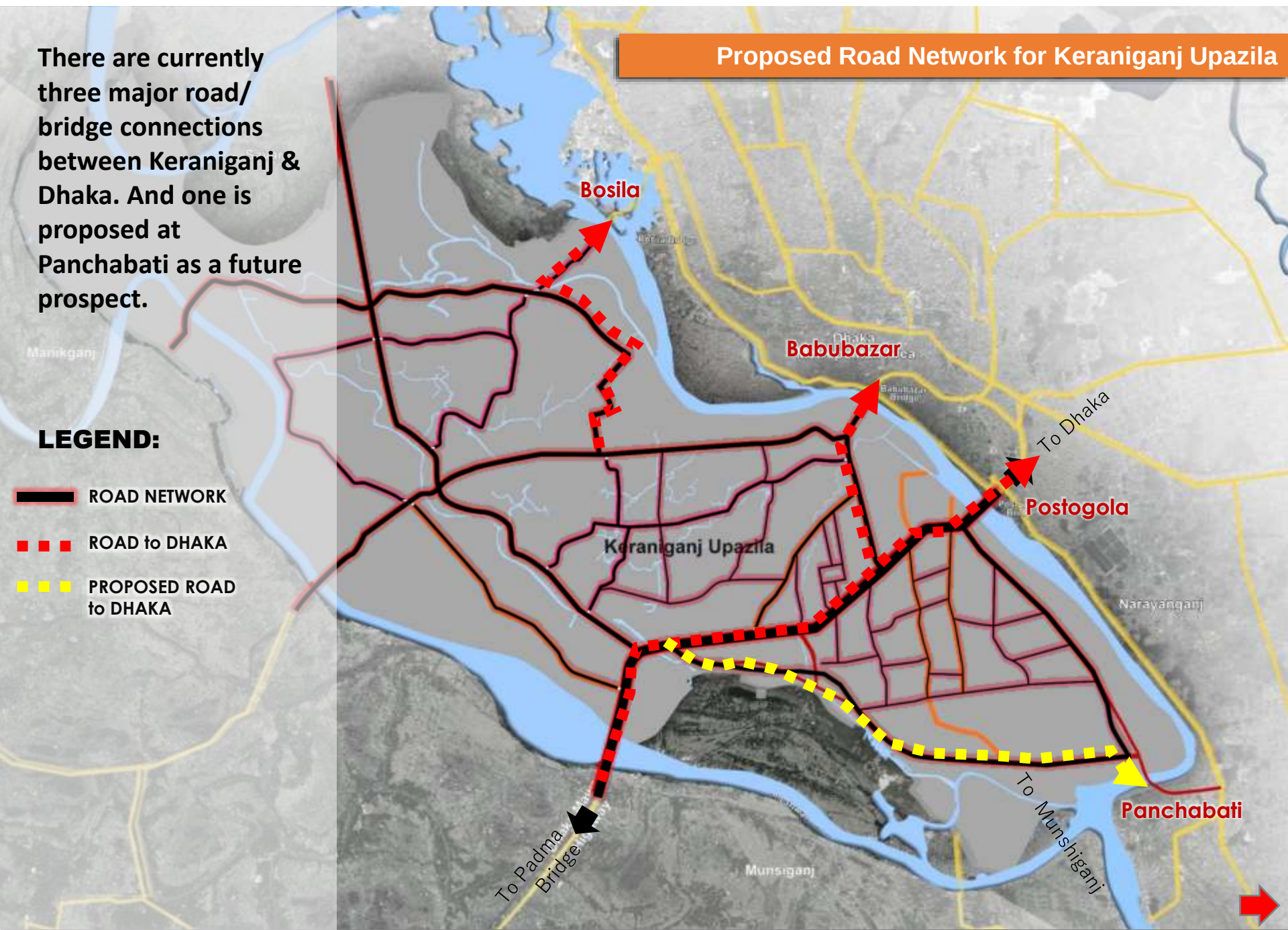


There are currently three major road/bridge connections between Keraniganj & Dhaka. And one is proposed at Panchabati as a future prospect.

LEGEND:

-  ROAD NETWORK
-  ROAD to DHAKA
-  PROPOSED ROAD to DHAKA

Proposed Road Network for Keraniganj Upazila

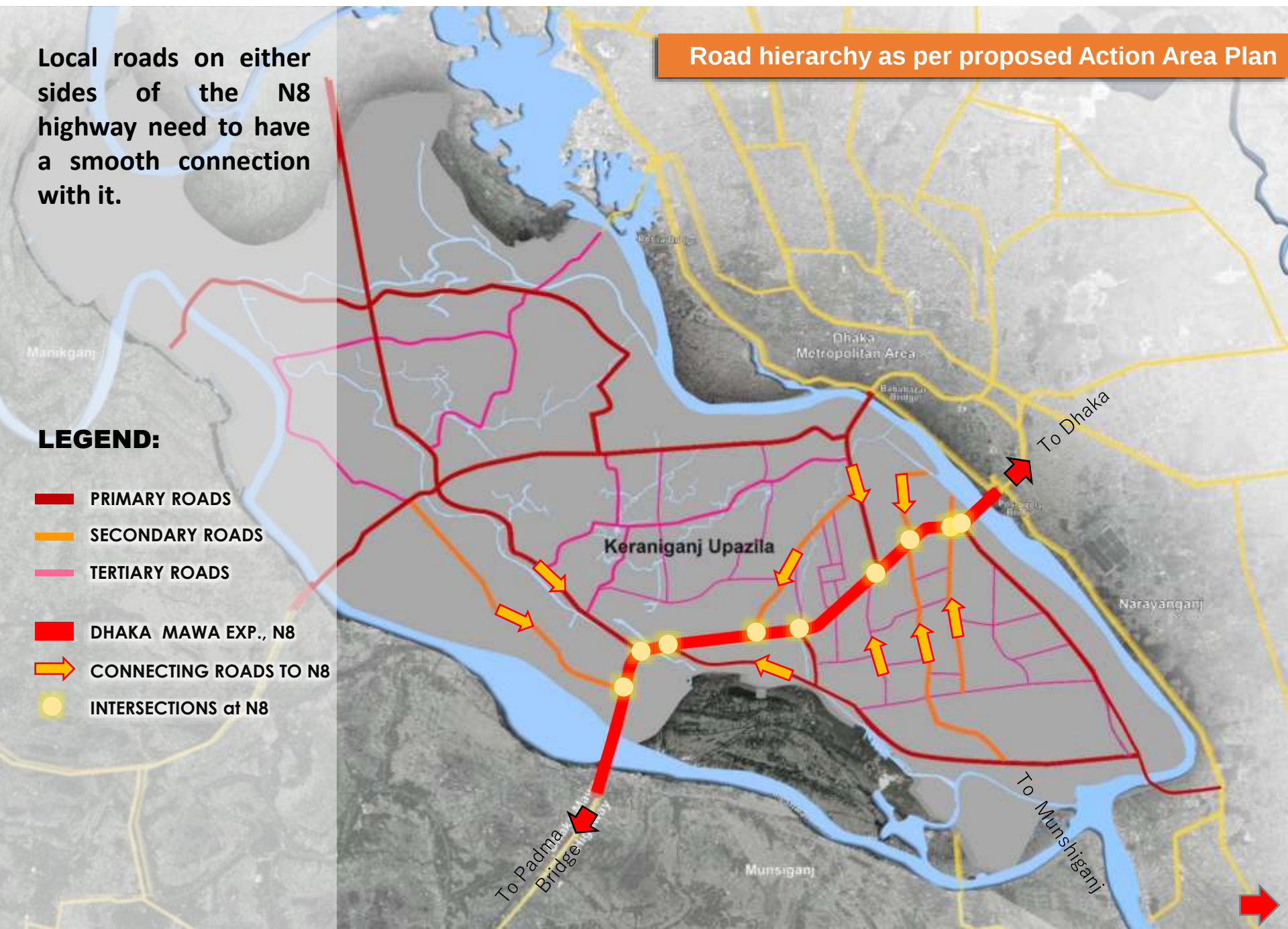


Local roads on either sides of the N8 highway need to have a smooth connection with it.

LEGEND:

- PRIMARY ROADS
- SECONDARY ROADS
- TERTIARY ROADS
- DHAKA MAWA EXP., N8
- CONNECTING ROADS TO N8
- INTERSECTIONS at N8

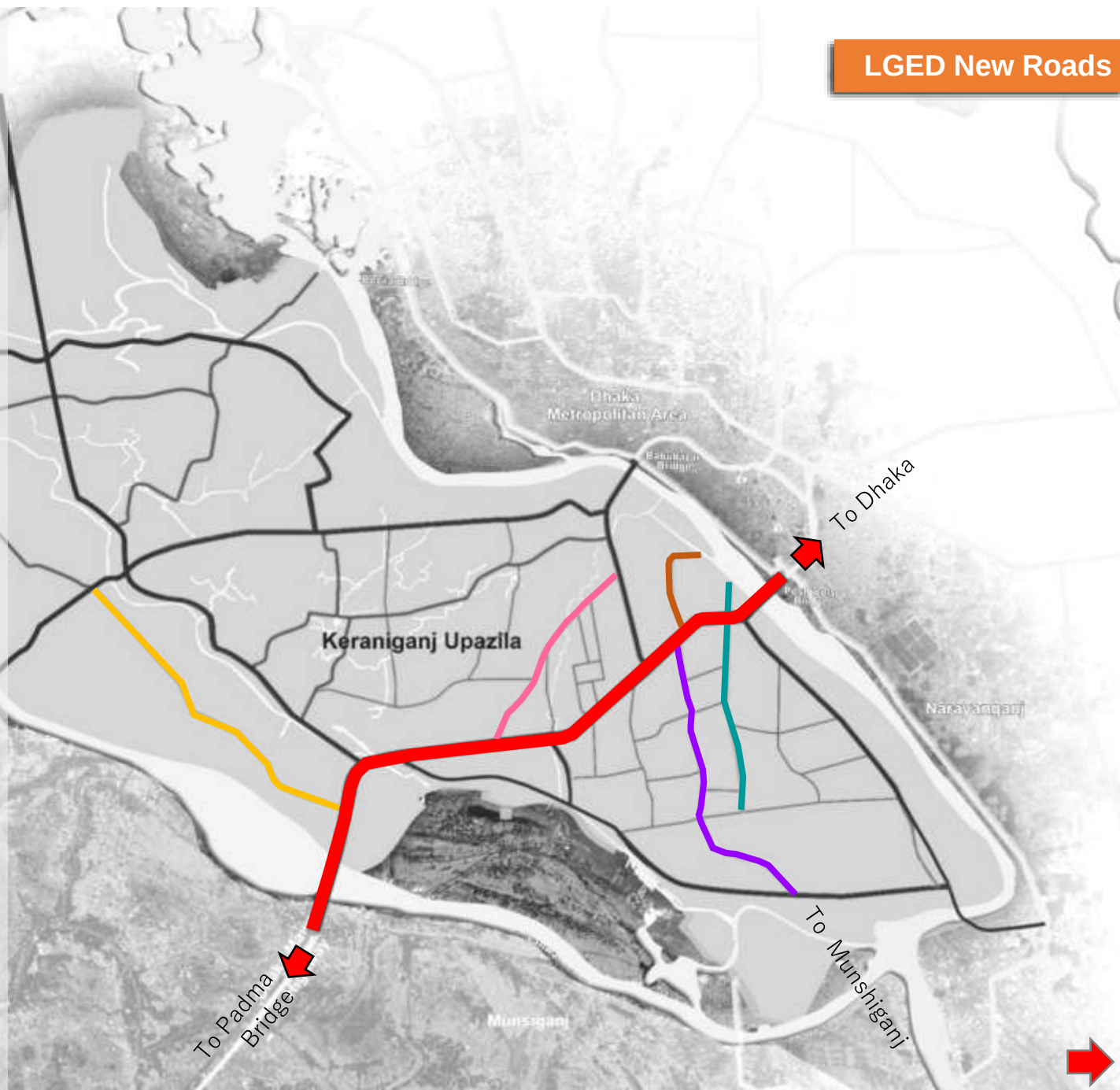
Road hierarchy as per proposed Action Area Plan



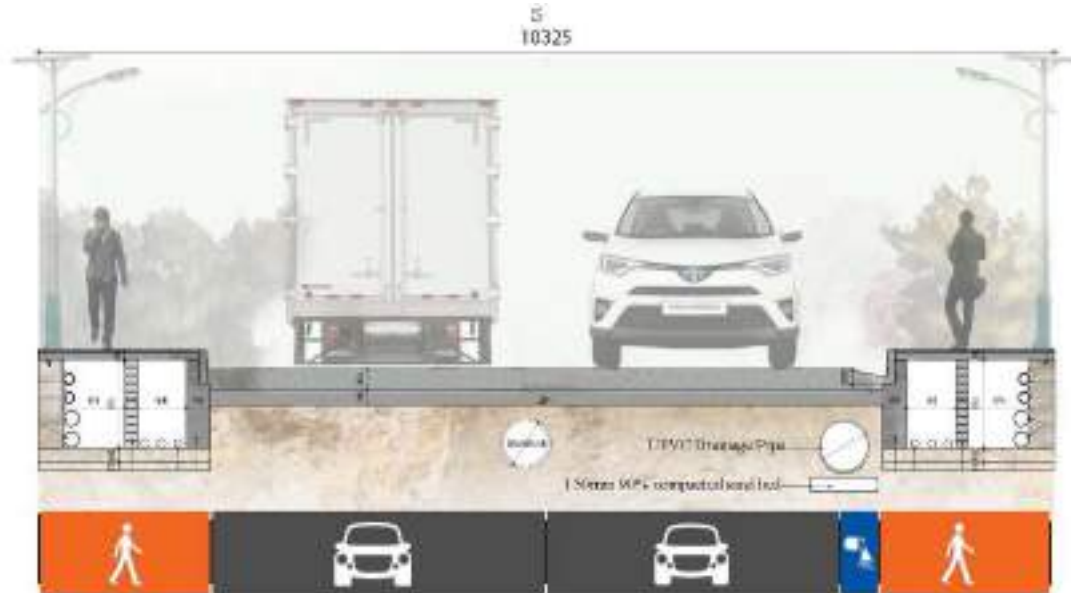
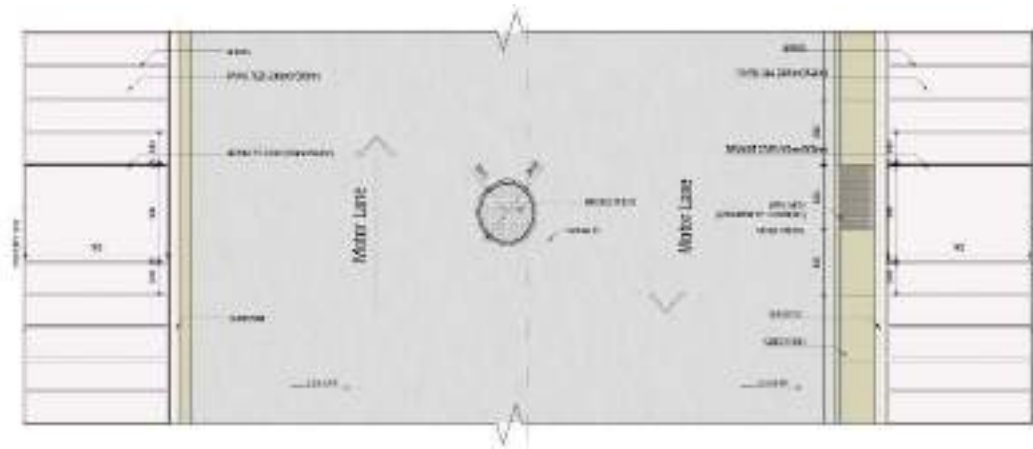
Thus, 5 roads connected to N8 highway have been selected for re-development to provide safe transit between the two sides divided by N8, to provide transition bays for local roads to merge with N8, and to improve road quality with safe pedestrian lanes for Keraniganj in general.

PROPOSED 5 ROADS BY LGED:

- DHAKA- MAWA LINK ROAD AT TEGHORIA- SHAPER BAZAR VIA MOLLAR HAT
- ZINZIRA- KONDA VIA MIRERBAG BAZAR, BEYARA BAZAR ROAD
- RUHITPUR GC- BALUARTACK NHW ROAD
- DHAKA- MAWA RD- KHEJURBAG RD
- CHUNKUTHIA AUDITORIUM- PUCA CHITTA- DIGHIRPAR- ABDULLAHPUR BISHAW ROAD VIA GUISTA BAZAR

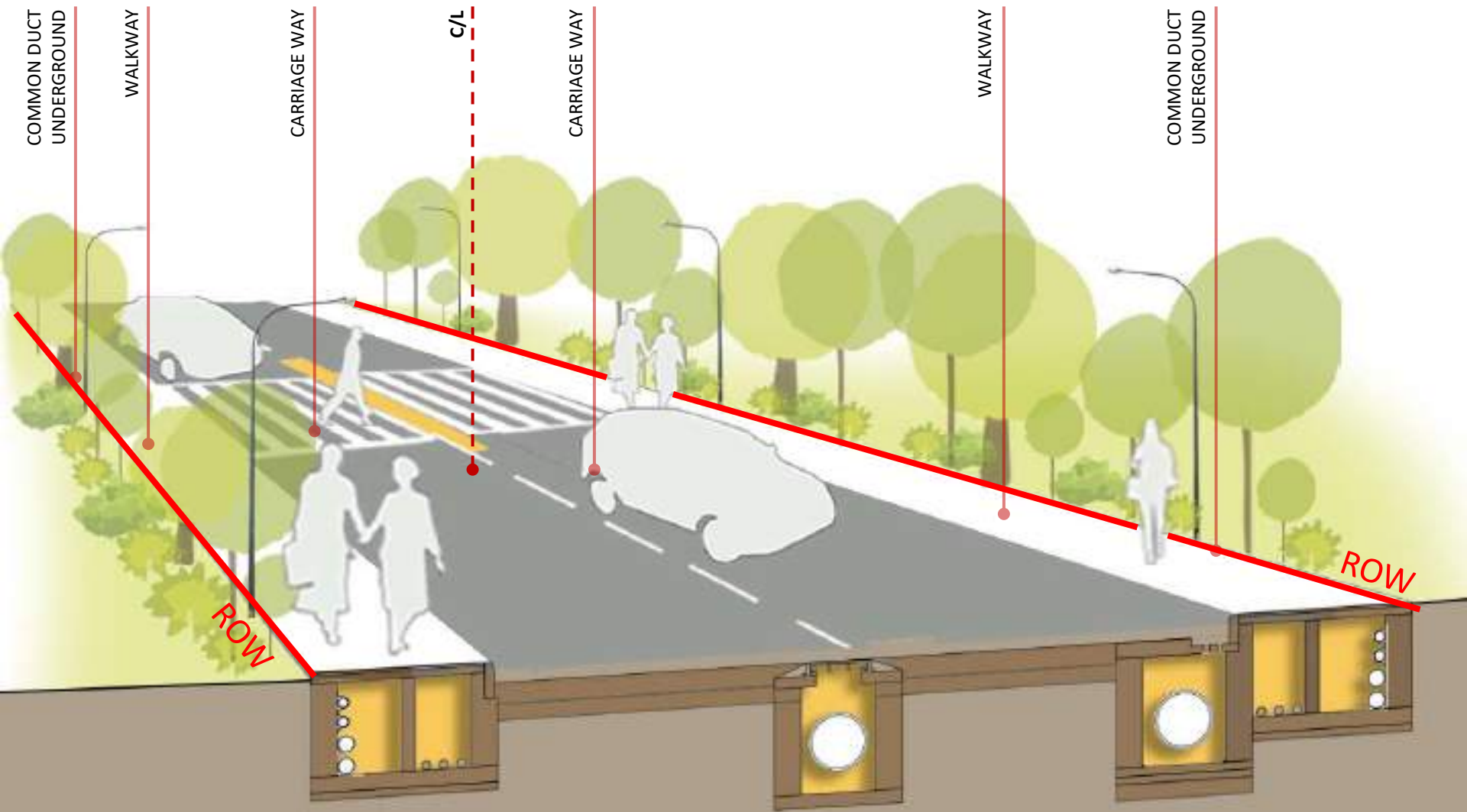


Proposed Plan and Section of Two-Lane ROAD



PROPOSED 35 FEET WIDE ROAD

Proposed Sectional Perspective of **Two-Lane** ROAD

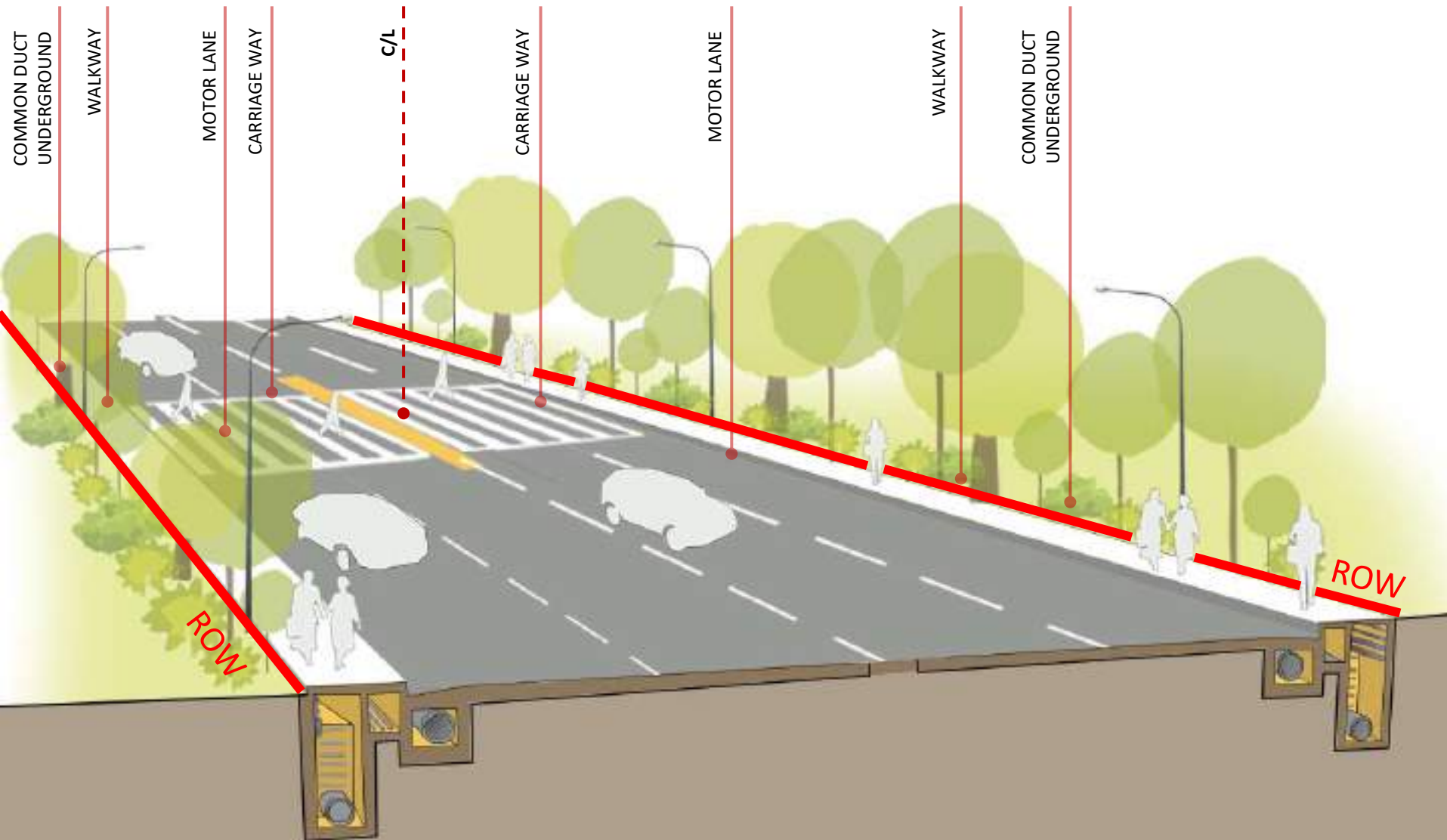


Proposed Plan and Section of **Four-Lane** ROAD

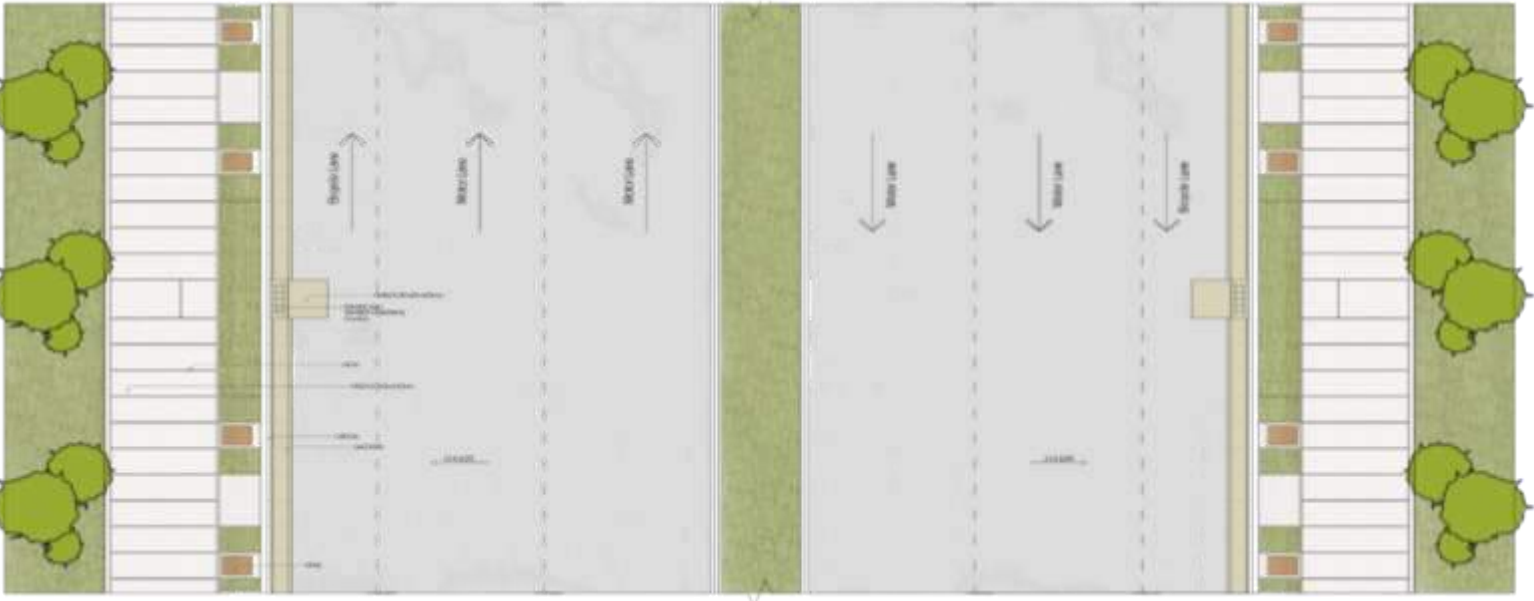


PROPOSED 50 FEET WIDE ROAD

Proposed Sectional Perspective of **Four-Lane** ROAD

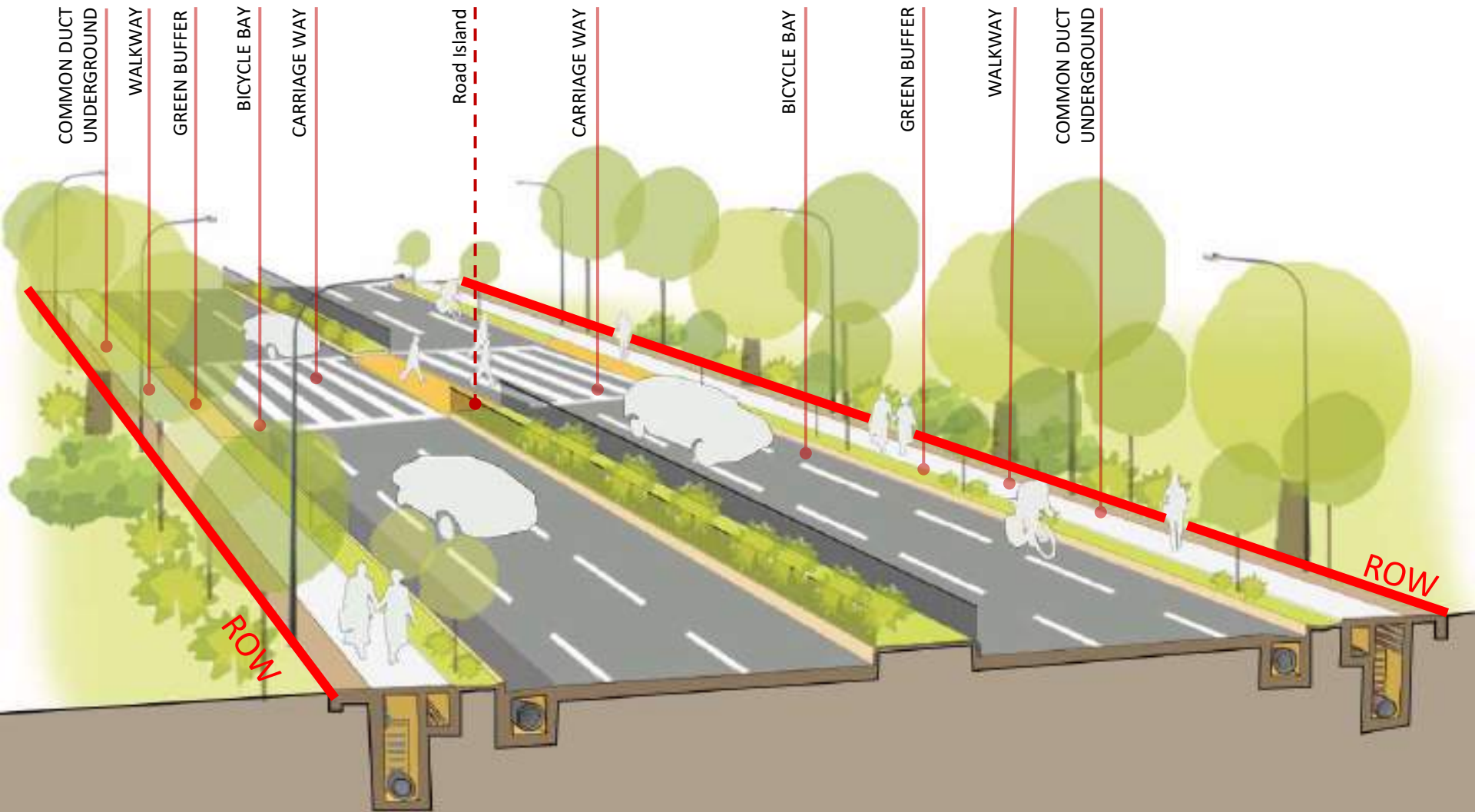


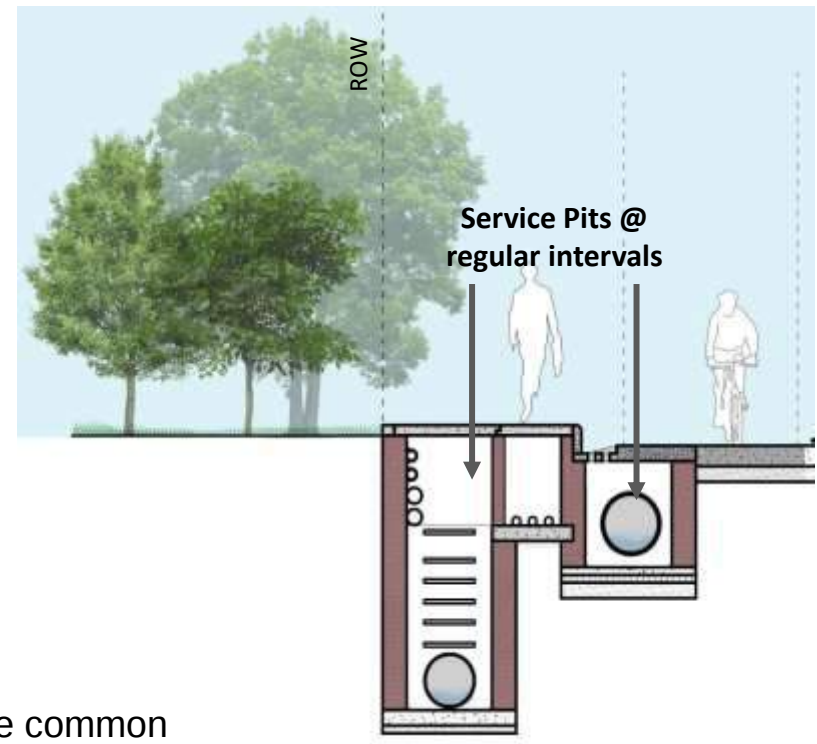
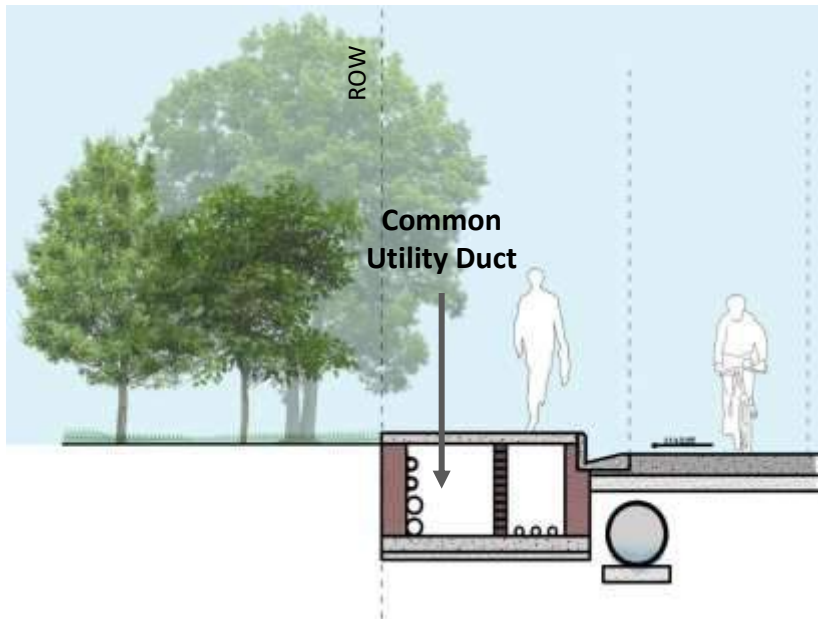
Proposed Plan and Section of **Four-Lane** Road with **Bicycle-Lane**



PROPOSED 80 FT WIDE ROAD

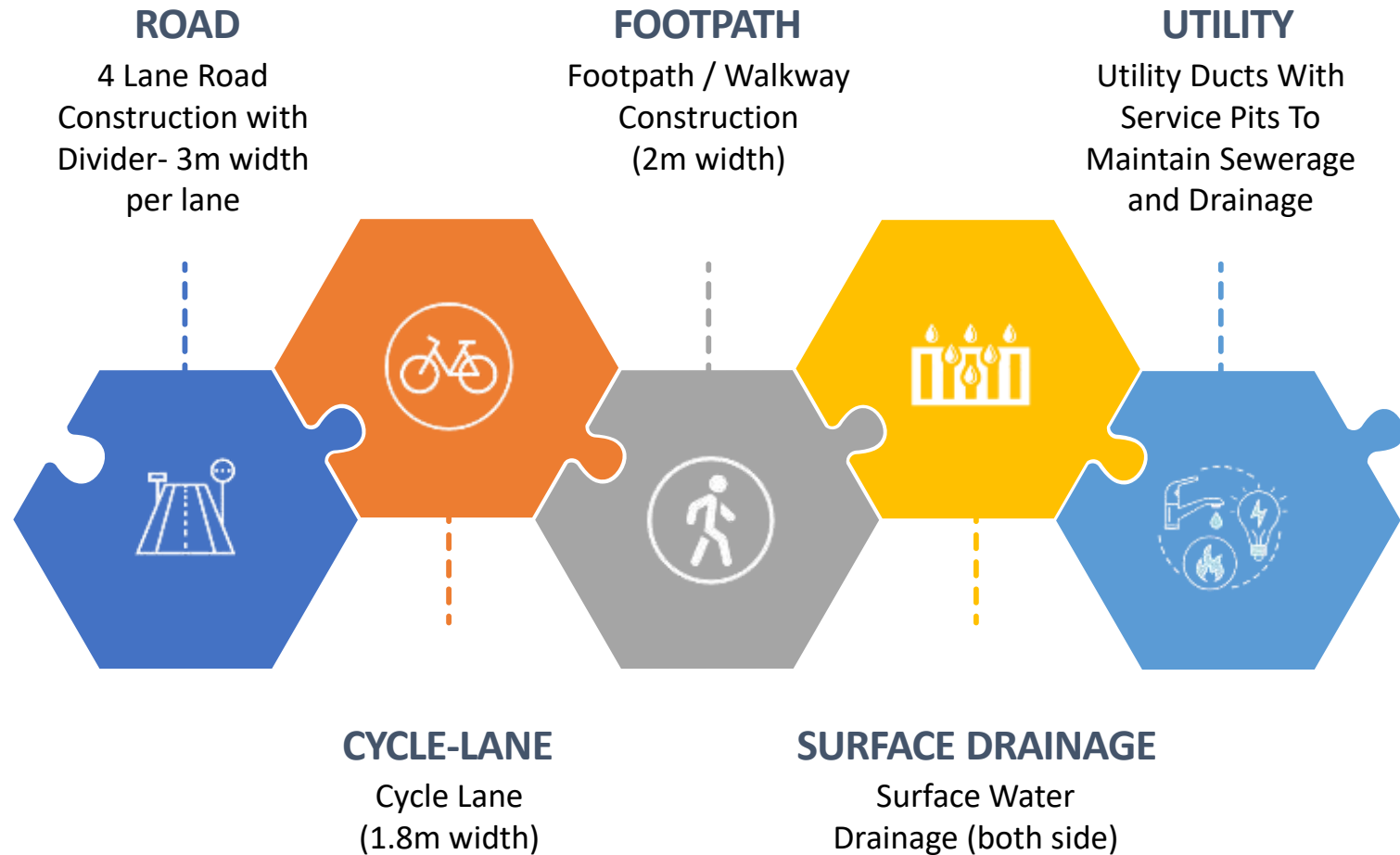
Proposed Sectional Perspective of **Four-Lane** Road with **Bicycle-Lane**





The **proposed footpaths designs** have common **utility ducts** running under them. At regular intervals there are service pits to maintain sewerage and drainage lines.

Main Components of Proposed Roads



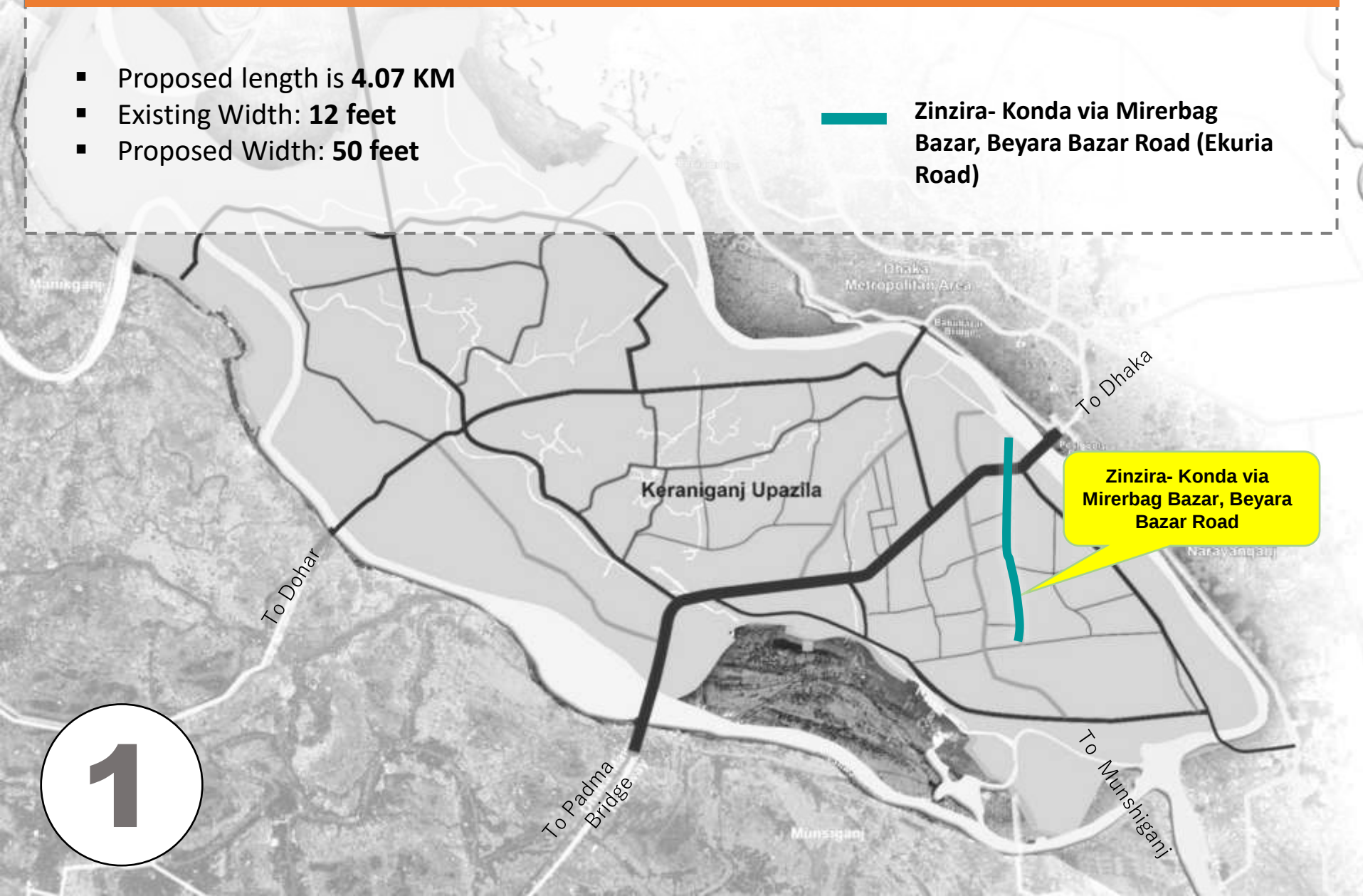
MORE INFORMATION ON THE 5 ROADS

**Zinzira- Konda via Mirerbag Bazar,
Beyara Bazar Road
(Ekuria Road)**

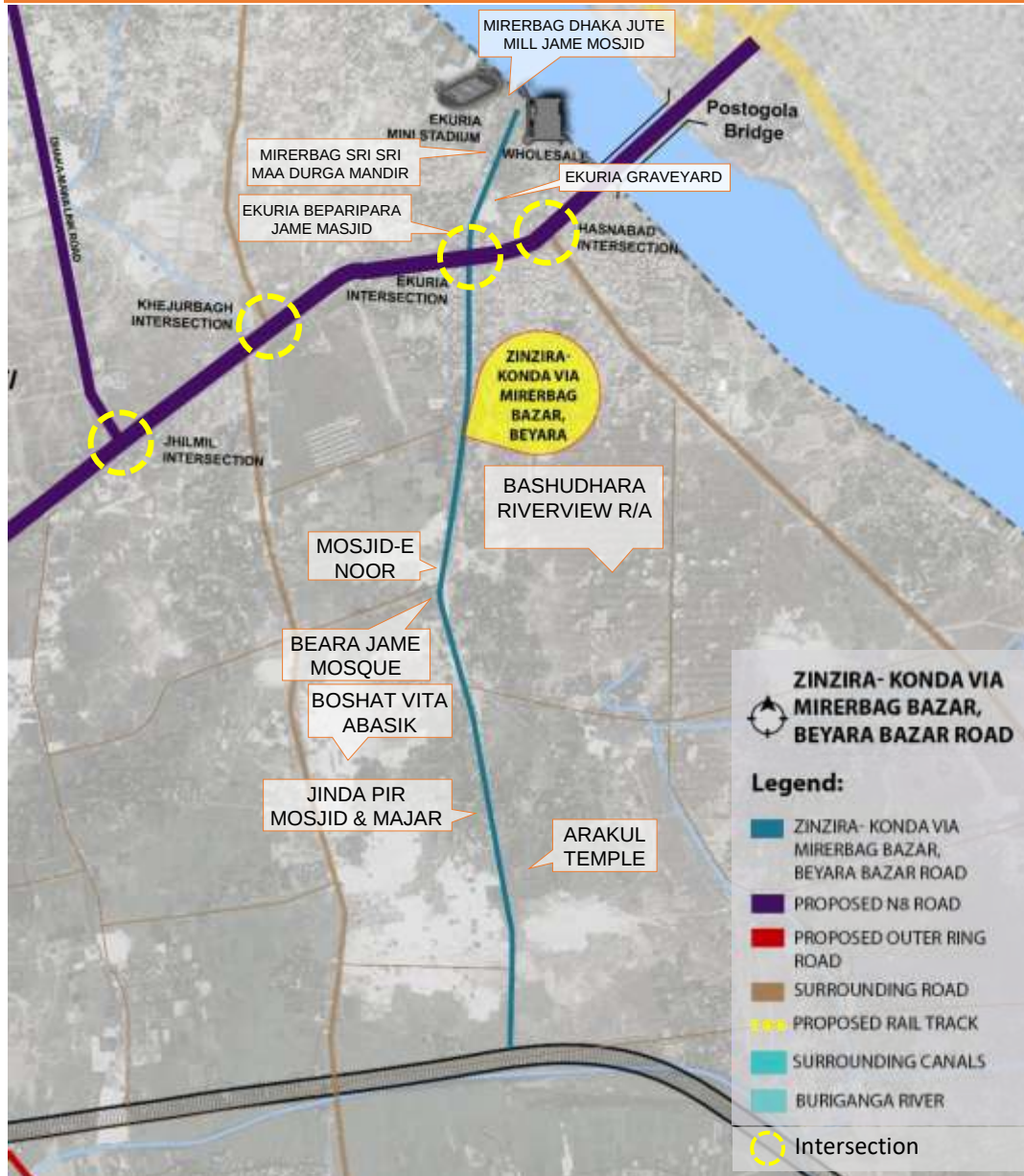
Location of Zinzira- Konda via Mirerbag Bazar, Beyara Bazar Road (Ekuria Road)

- Proposed length is **4.07 KM**
- Existing Width: **12 feet**
- Proposed Width: **50 feet**

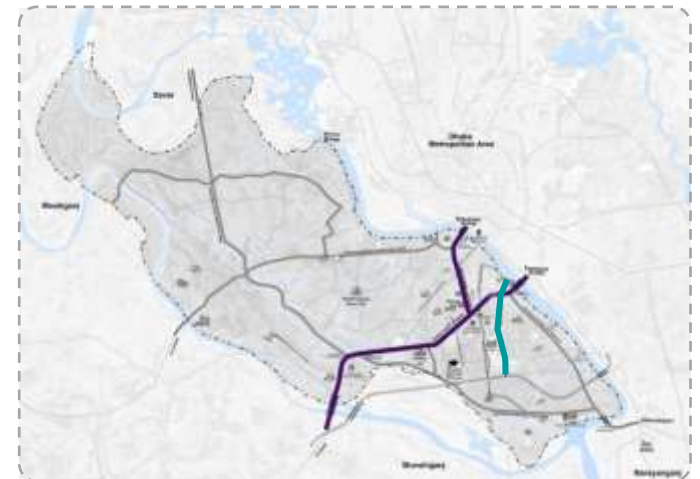
 **Zinzira- Konda via Mirerbag Bazar, Beyara Bazar Road (Ekuria Road)**



Location Features Map of Zinzira- Konda via Mirerbag Bazar, Beyara Bazar Road (Ekuria Road)



- Locally known as Ekuria road
- Connected with Dhaka Mawa Expressway
- Bashundhara Riverview R/A and Basat Vita Residential Area
- More than 1.1 Lac people will benefit from this road



Current Situation of Zinzira- Konda via Mirerbag Bazar, Beyara Bazar Road (Ekuria Road)

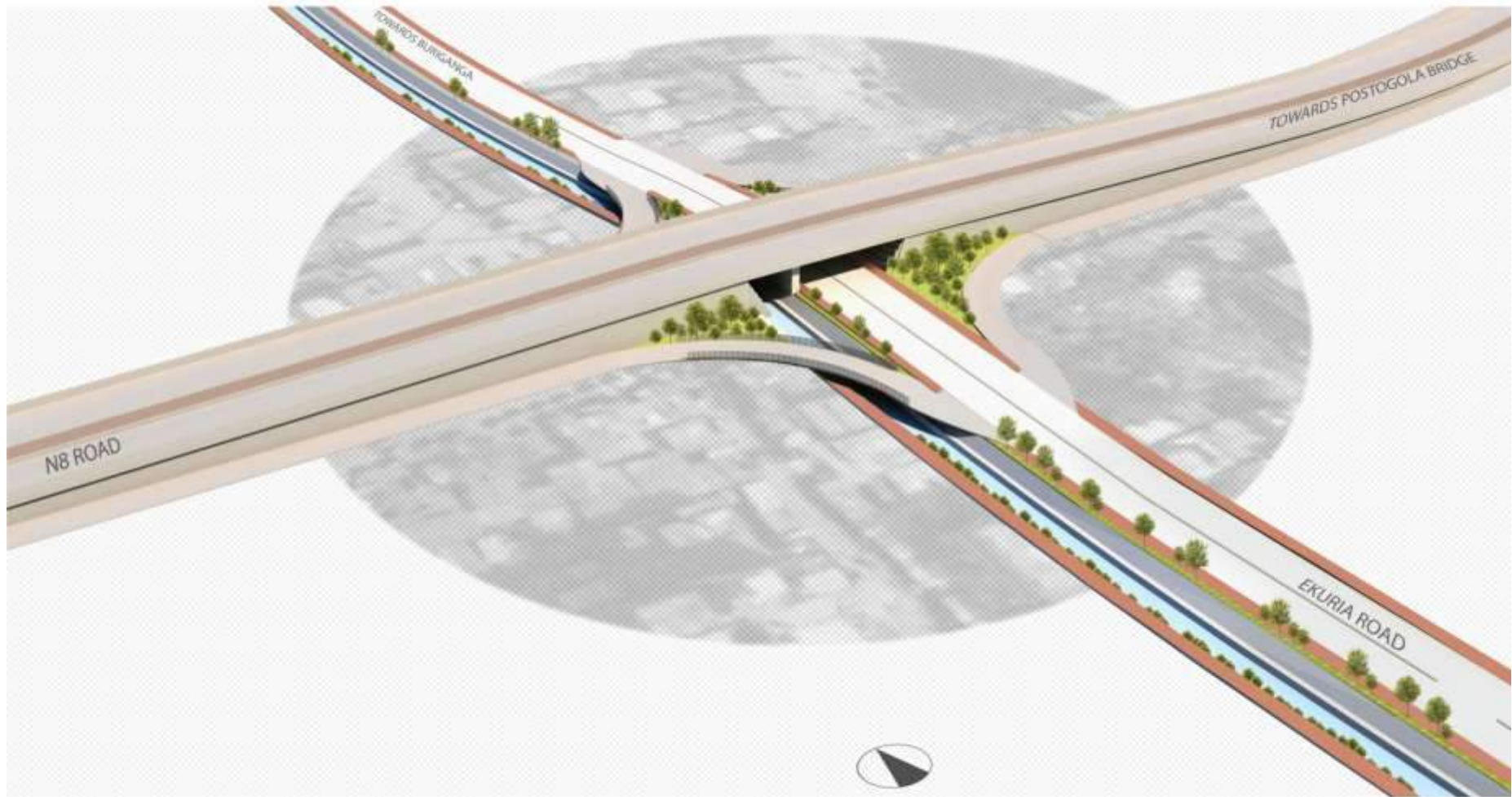




Zinzira- Konda via Mirerbag Bazar, Beyara Bazar Road & Intersection transformation



Proposed Intersection on Zinzira- Konda via Mirerbag Bazar, Beyara Bazar Road (Ekuria Road)



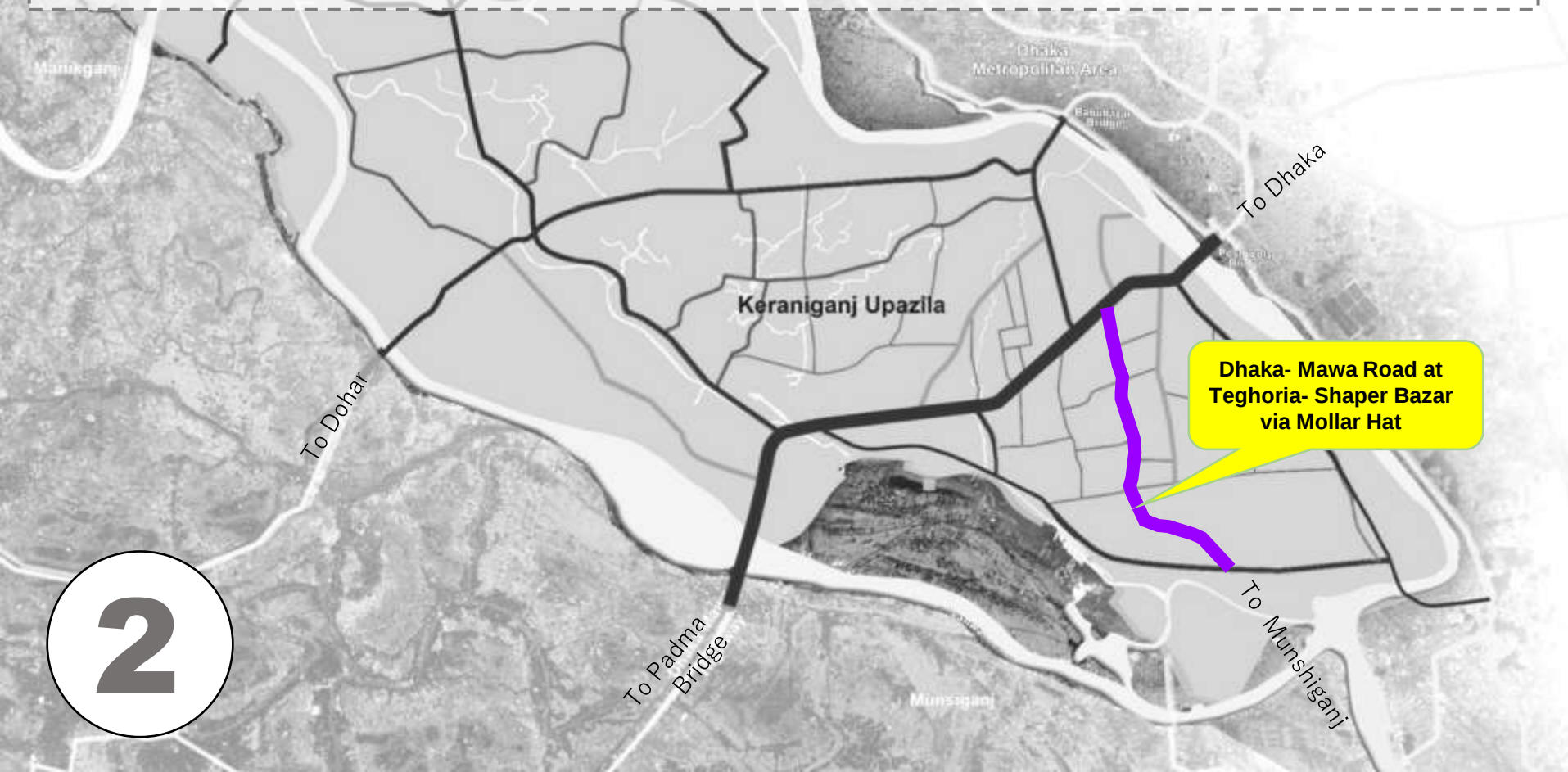
AERIAL VIEW OF EKURIA INTERSECTION
N8 ROAD AND EKURIA ROAD

**Dhaka- Mawa Road at Teghoria-
Shaper Bazar via Mollar Hat
(Betka Mawa Highway Link Road)**

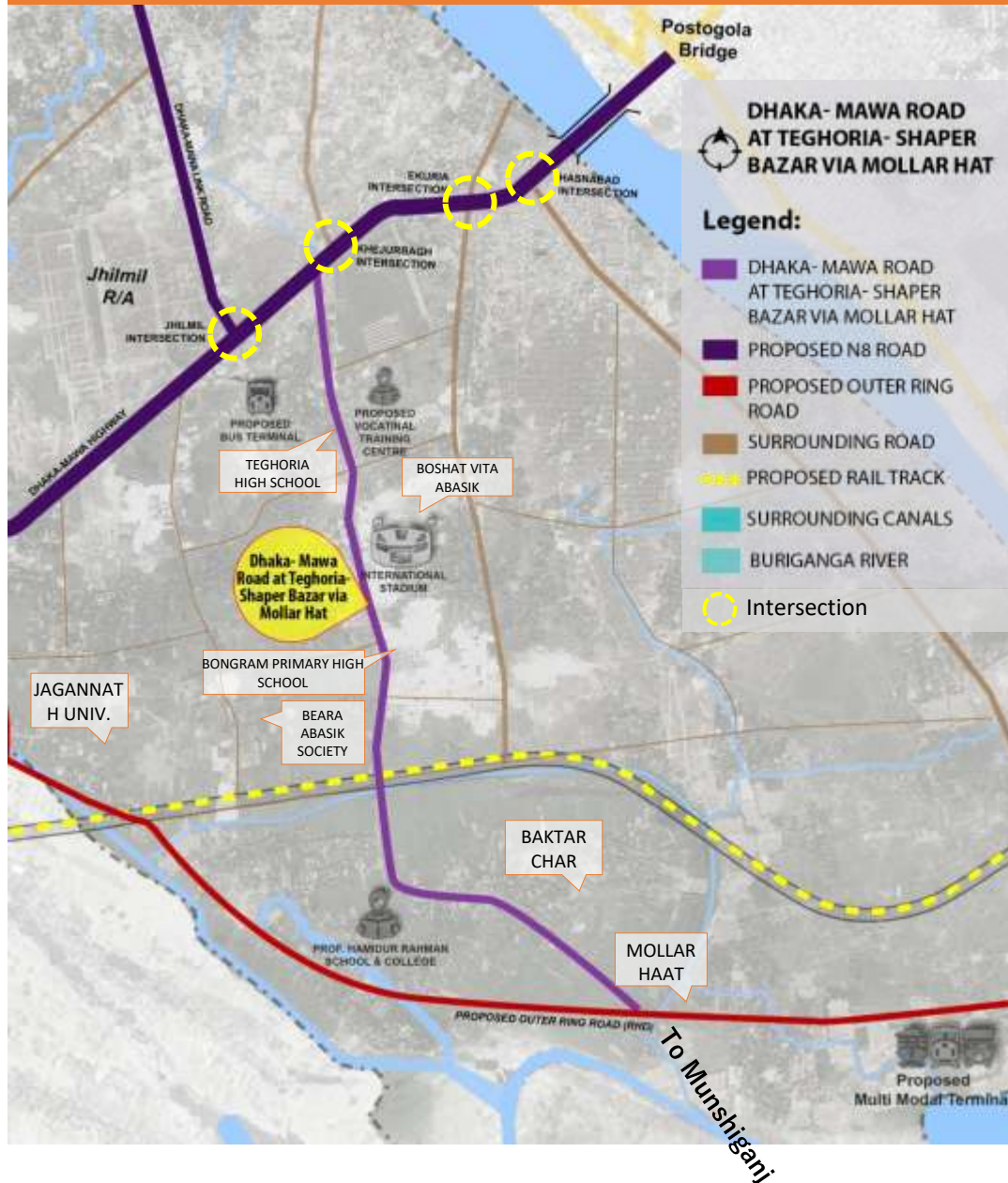
Location of Dhaka- Mawa Link Road at Teghoria- Shaper Bazar via Mollar Hat (Betka Mawa Highway Link Road)

- Starts at Teghoria Bus Stop, goes through Alukanda Bazar, ends at Mollar Haat
- Proposed length is **5.5 KM**
- Existing Width: **18 feet**
- Proposed Width: **80 feet**

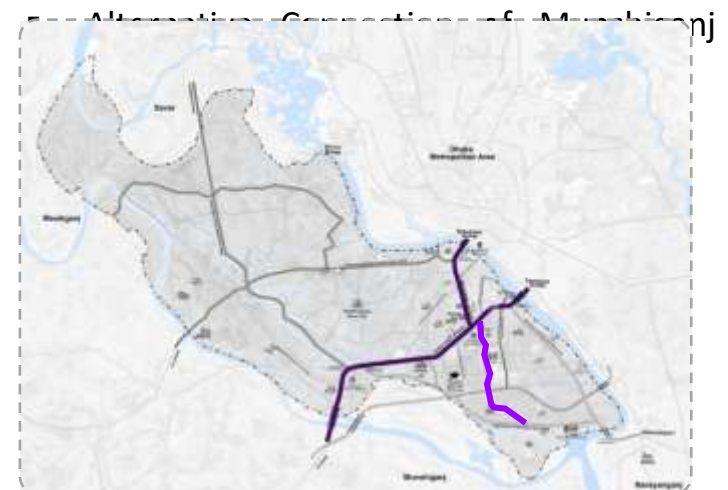
 **Dhaka- Mawa Road at Teghoria- Shaper Bazar via Mollar Hat (Betka Mawa Highway Link Road)**



Important Features Map around Dhaka- Mawa Link Road at Teghoria- Shaper Bazar via Mollar Hat (Betka Mawa Highway Link Road)



- Locally known as Betka-Mawa Highway Link Road
- Connection with Dhaka Mawa Expressway
- Boshat Vita Abasik and Beara Abasik Society
- Teghoria High School and Bonogram Primary & High School
- Proposed International Sports Complex and Academy
- Connection with proposed Outer Ring Road



Current Situation of Dhaka- Mawa Road at Teghoria- Shaper Bazar via Mollar Hat (Betka Mawa Highway Link Road)

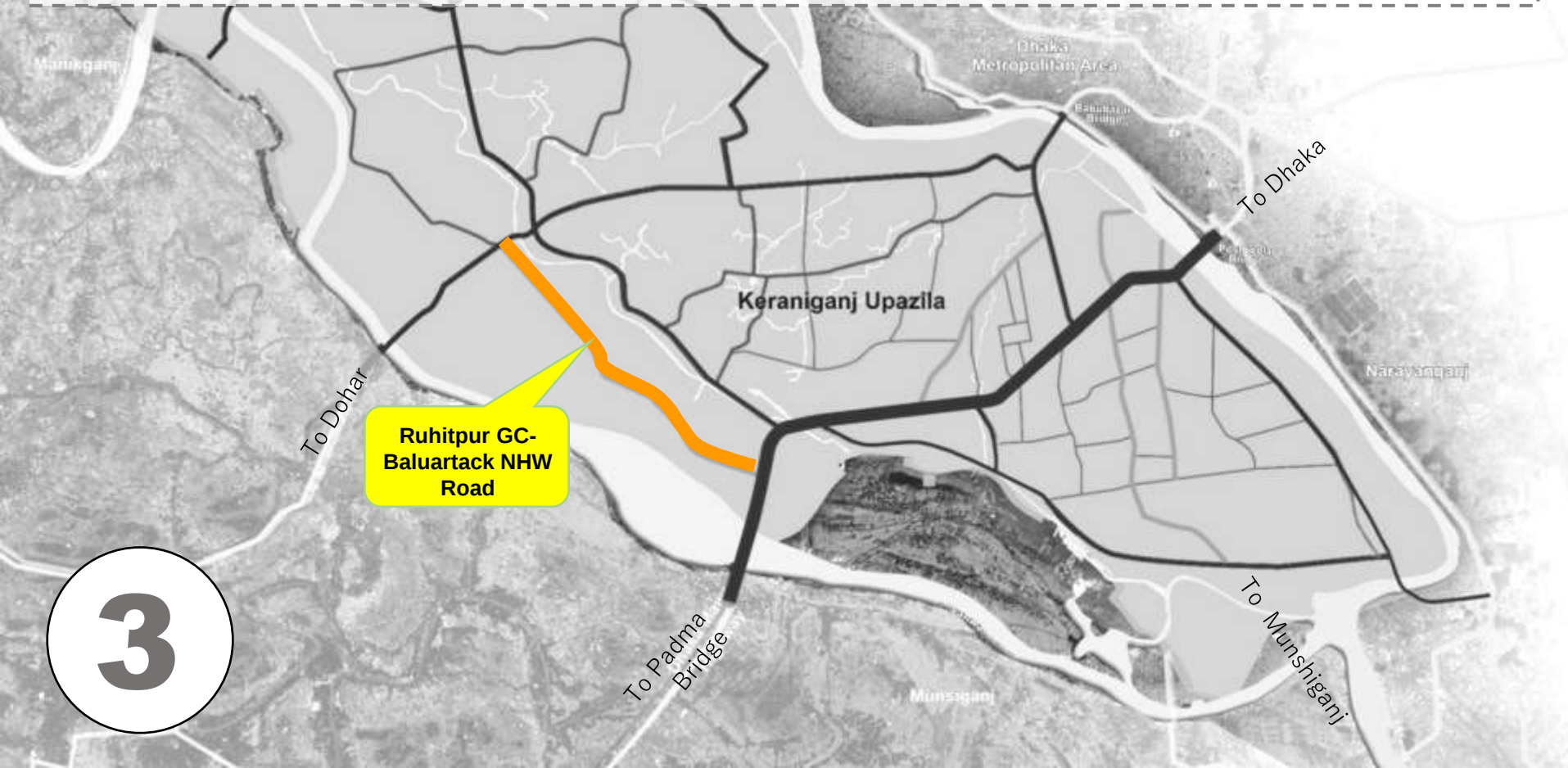


Ruhitpur GC- Baluartack NHW Road
(Dharmasur Sonakanda Road)

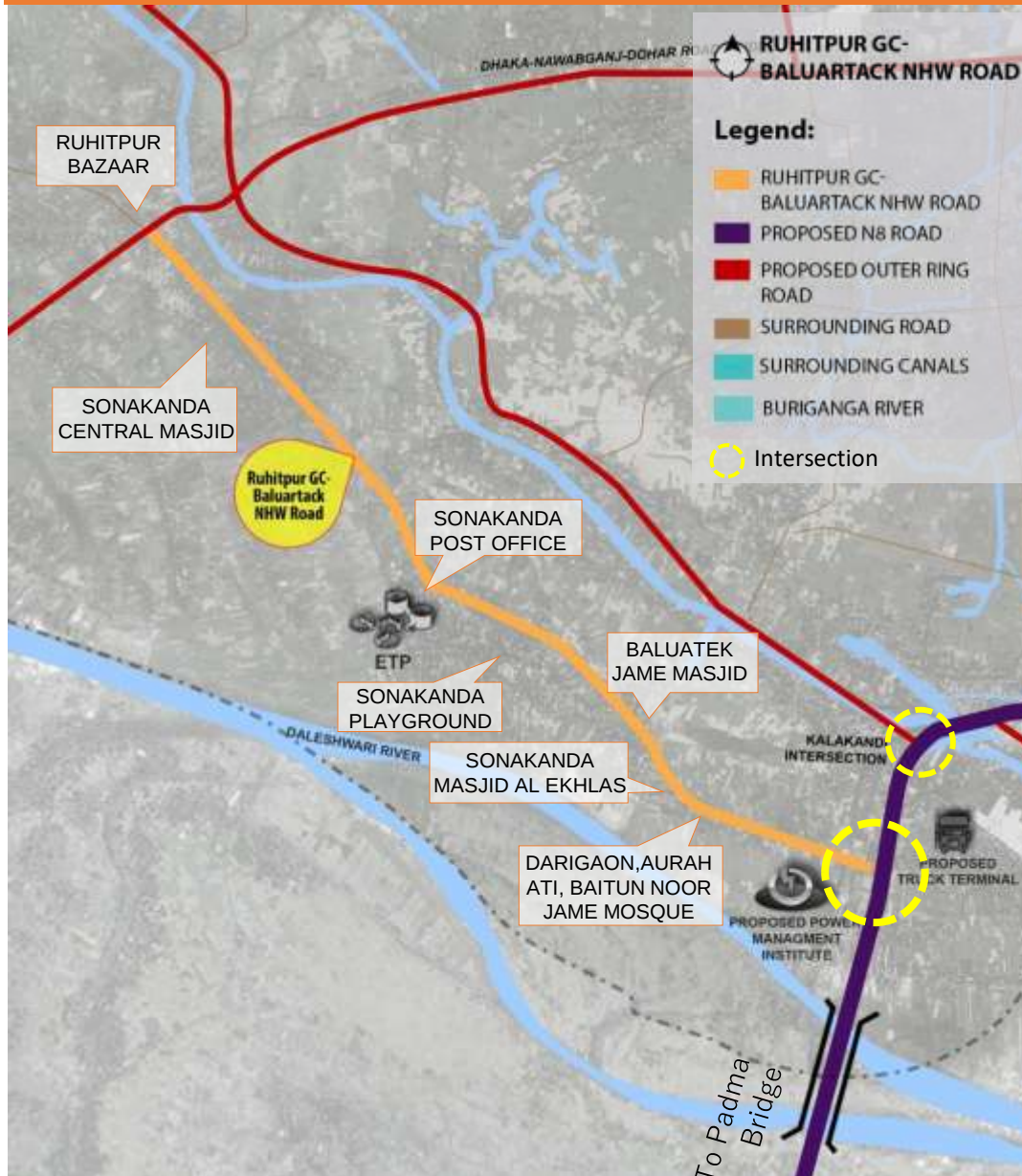
Location of Ruhitpur GC- Baluartack NHW Road (Dharmasur Sonakanda Road)

- Proposed length is **6.03 KM**
- Existing Width: **18 feet**
- Proposed Width: **80 feet**

 **Ruhitpur GC- Baluartack NHW Road (Dharmasur Sonakanda Road)**



Location Features Map of Ruhitpur GC- Baluartack NHW Road (Dharmasur Sonakanda Road)



- Locally known as Dharmasur-Sonakanda Road.
- Connected with Dhaka Mawa Expressway
- Connects Dhaka-Nawabganj-Dohar road with Dhaka-Mawa Expressway
- Connects Dhaka Mawa Expressway with Ruhitpur Bazar (important wholesale and retail market of Keraniganj Upazila)
- Proposed Truck Terminal is located very close to this road.



Current Situation of Ruhitpur GC- Baluartack NHW Road (Dharmasur Sonakanda Road)



Dhaka- Mawa Road- Khejurbag Road
(Khejurbag School Road)

Location of Dhaka- Mawa Road- Khejurbag Road (Khejurbag School Road)

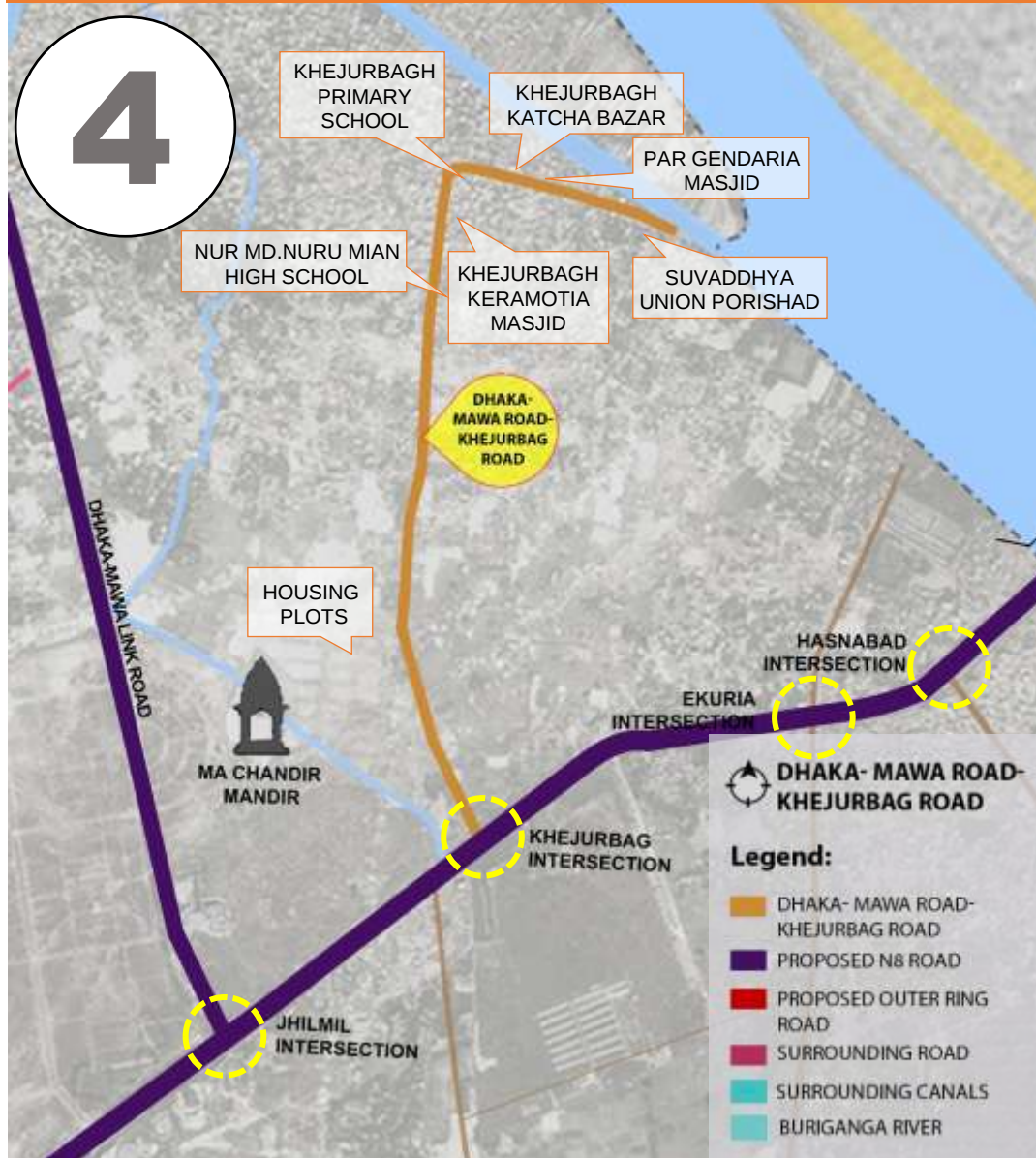
- Proposed length is **2 KM**
- Existing Width: **12-18 feet**
- Proposed Width: **25-35 feet**



Dhaka- Mawa Road- Khejurbag Road (Khejurbag School Road)



Location Features Map of Dhaka- Mawa Road- Khejurbag Road (Khejurbag School Road)



- Known as Khejurbagh School Road
- Connects Par Gendaria, Muslimnagar and Hasnabad Mokampara with Dhaka Mawa Expressway
- Serves more than 1 lakh people



Current Situation of Dhaka- Mawa Road- Khejurbag Road (Khejurbag School Road)

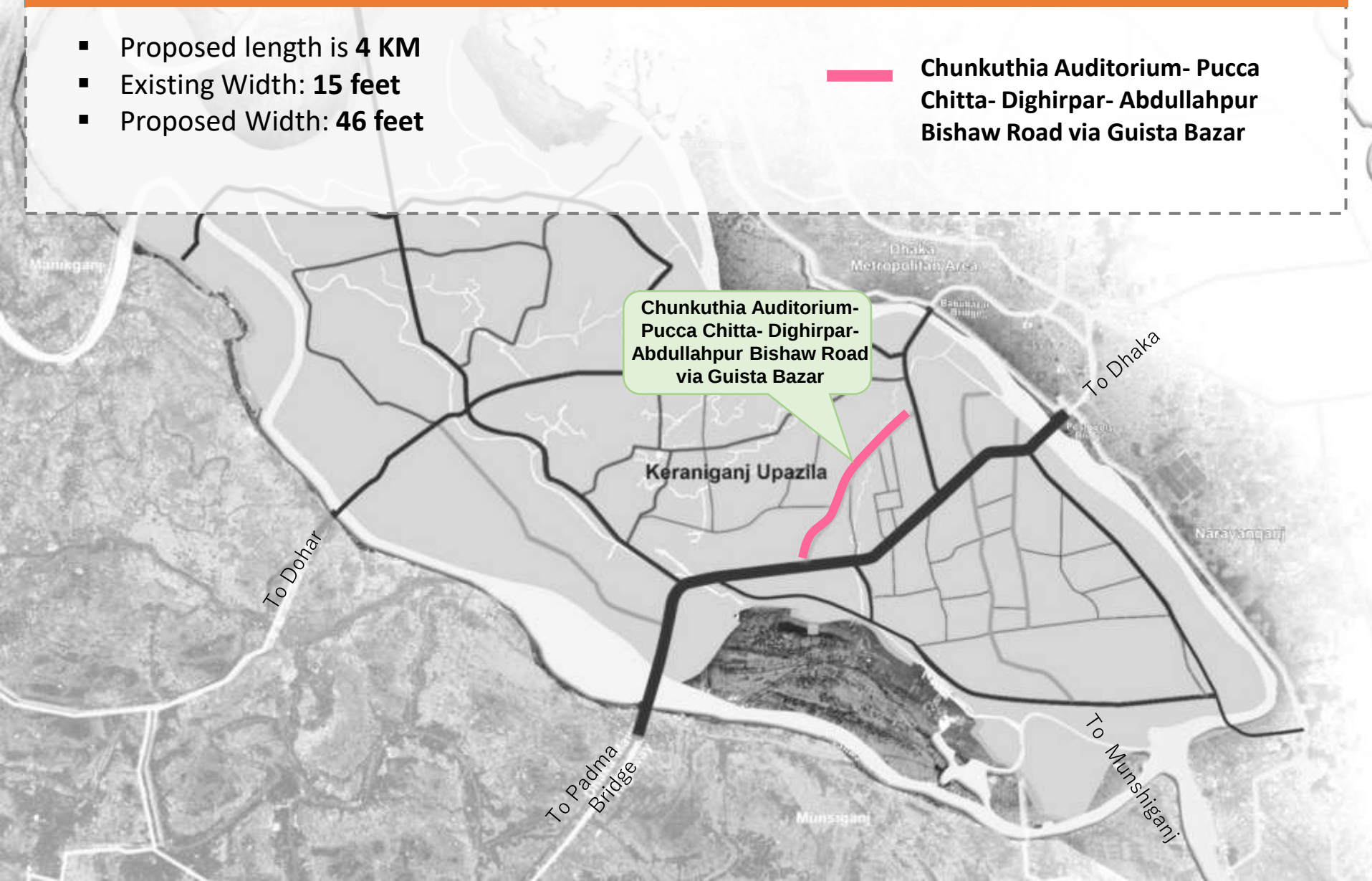


**Chunkuthia Auditorium- Pucca
Chitta- Dighirpar- Abdullahpur
Bishaw Road via Guista Bazar
(Goista Shuvaddhya Old Road)**

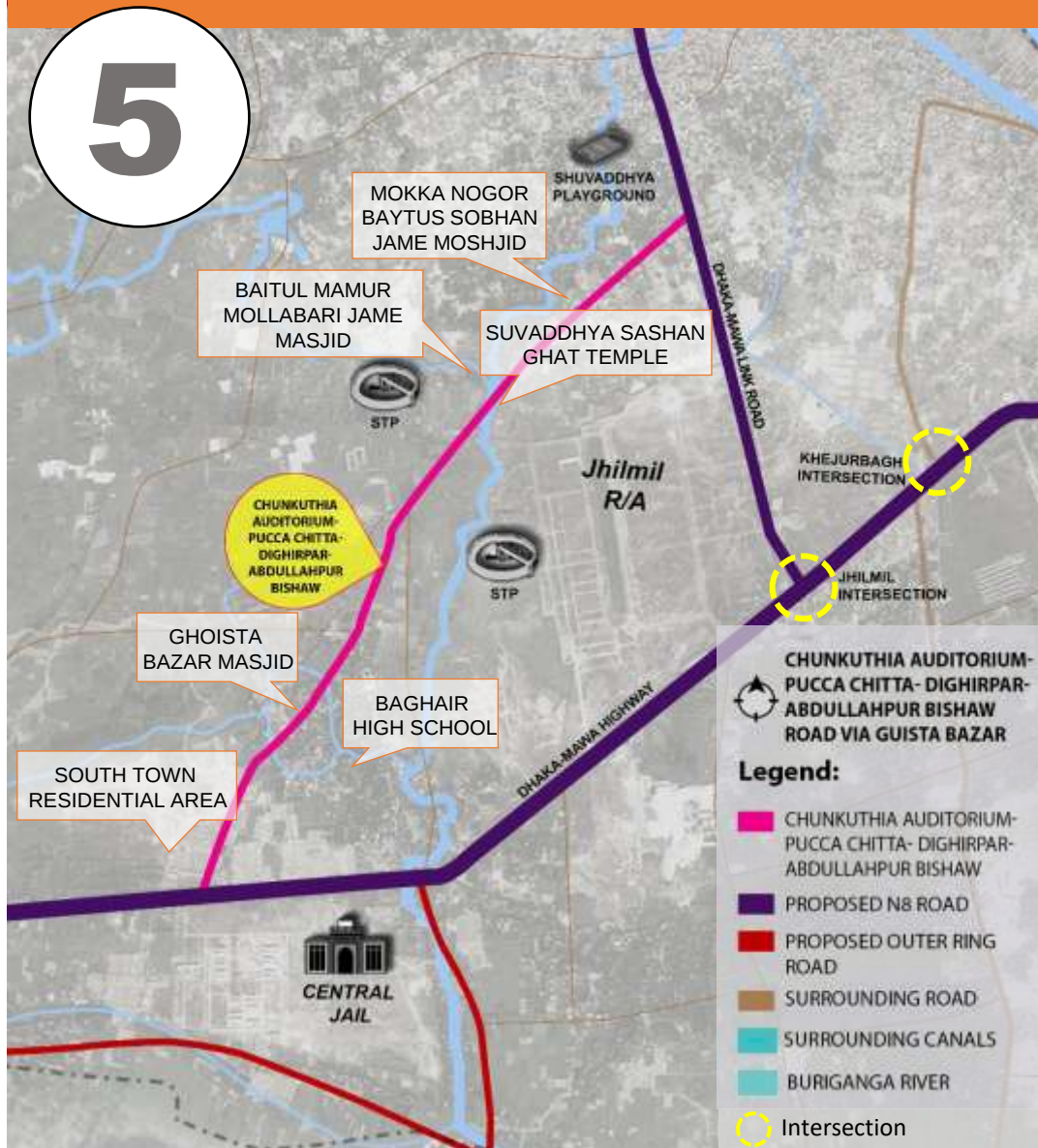
**Location of Chunkuthia Auditorium- Pucca Chitta- Dighirpar- Abdullahpur Bishaw Road via Guista Bazar
(Goista Shuvaddhya Old Road)**

- Proposed length is **4 KM**
- Existing Width: **15 feet**
- Proposed Width: **46 feet**

 **Chunkuthia Auditorium- Pucca Chitta- Dighirpar- Abdullahpur Bishaw Road via Guista Bazar**



Location of Chunkuthia Auditorium- Pucca Chitta- Dighirpar- Abdullahpur Bishaw Road via Guista Bazar (Goista Shuvaddhya Old Road)



- Locally known as Goista Shuvaddhya Old Road
- Connects Dhaka Mawa Link Road to Dhaka-Mawa Expressway as a bypass road
- Present Dhaka Central Jail is located at the intersection where Goista Shuvaddhya road merges with Dhaka-Mawa Highway
- 3 major residential area named Jhilmil Residential Area, Priyoprongon Residential Area and South Town Residential Area are connected to this road.



Current Situation of Chunkuthia Auditorium- Pucca Chitta- Dighirpar- Abdullahpur Bishaw Road via Guista Bazar
(Goista Shuvaddhav Old Road)

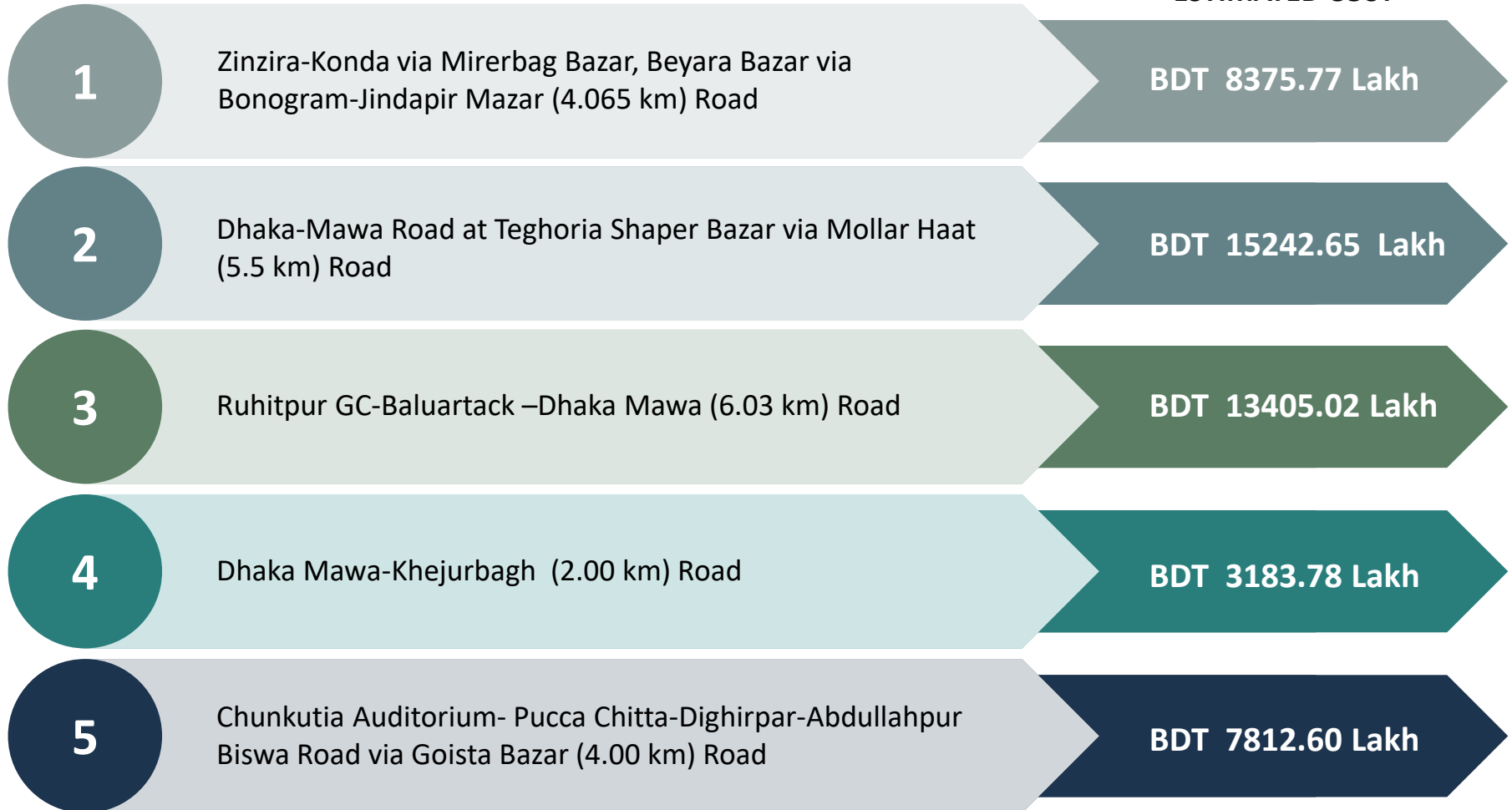


Project Financing (According to Proposed DPP)

FINANCING TYPE	GOB (CRORE)	PA (RPA)	TOTAL (CRORE)	SOURCE
Loan	-	-	-	ADP
Grants	1020.00	0.00 (0.00)	1020.00	
Equity	-	-	-	
Others	-	-	-	
Total (in crore)	1020.00	0.00 (0.00)	1020.00	

ROAD CONSTRUCTION COST (AMOUNT IN LAKH)

ESTIMATED COST



Total Road Length= 21.60 KM

Estimated Total Road Construction Cost- BDT 48019.82 Lakh

PROPOSED LAND ACQUISITION AND COMPENSATION ESTIMATION

		LAND ACQUISITION COST	STRUCTURE COMPENSATION COST
1	Zinzira-Konda via Mirerbag Bazar, Beyara Bazar via Bonogram-Jindapir Mazar (4.065 km) Road	BDT 3452.49 Lakh	BDT 708.12 Lakh
2	Dhaka-Mawa Road at Teghoria Shaper Bazar via Mollar Haat (5.5 km) Road	BDT 12399.16 Lakh	BDT 352.58 Lakh
3	Ruhitpur GC-Baluartack –Dhaka Mawa (6.03 km) Road	BDT 8254.35 Lakh	BDT 981.98 Lakh
4	Dhaka Mawa-Khejurbagh (2.00 km) Road	BDT 1209.28 Lakh	BDT 377.40 Lakh
5	Chunkutia Auditorium- Pucca Chitta-Dighirpar-Abdullahpur Biswa Road via Goista Bazar (4.00 km) Road	BDT 4890.66 Lakh	BDT 179.49 Lakh

Estimated Total Acquisition and Compensation= BDT 44787.02 Lakh

THANK YOU