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# **About IRB Group**

IRB has one of the largest and well diversified portfolio of roads and highways in India

## One of the largest private roads and highways listed integrated infrastructure developer in India



#### INR 800 Bn+ Highway asset base, one of the largest in India



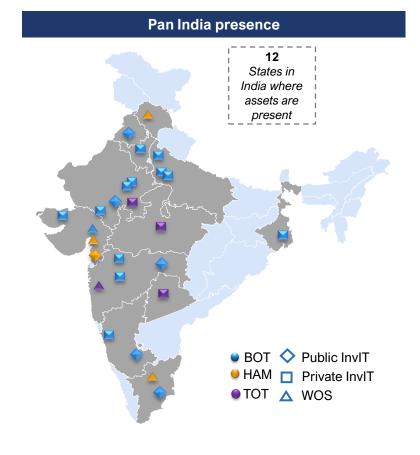
c. 22 years Weighted average residual concession life



15,444 lane KM
Road portfolio



c. 10% Market share of pan India Toll revenue





Diversified
portfolio with
optimal mix of
projects



Portfolio with
c. 33% market
share of TOT
Projects
awarded so far



2 InvIT platforms for asset rotation Both AAA rated



Strong AAA rated sovereign counterparty (NHAI)



~97%
Digital Payment
Penetration
across all project



Toll price linked to inflation and concession period to traffic



De-risked capex Through extensive site studies and traffic diligence



**Tech enabled O&M**Real time O&M

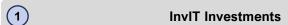
and control from
on-ground inputs

- 25+ years Long track record of robust performance
- Backed by marquee investors, to bolster the growth potential where cintra owns 19.9%; Bricklayers (affiliates of 🖐 GIC) owns 16.9%

# **IRB Group Structure**

IRB has 4 business verticals viz. Private InvIT, Public InvIT, its wholly owned concessions and the EPC division





#### A. Private InvIT (51%)

| Project                 | Туре |
|-------------------------|------|
| 1 Agra Etawah           | вот  |
| 2 Kaithal Rajasthan     | ВОТ  |
| 3 Goa Kundapur          | ВОТ  |
| 4 Hapur Moradabad       | вот  |
| 5 Kishangarh Gulabpura  | вот  |
| Solapur Yedeshi         | ВОТ  |
| Yedeshi Aurangabad      | вот  |
| Udaipur - GJ Border     | вот  |
| Gulabpura – Chittorgarh | вот  |
| Palsit Dankuni          | вот  |
| Samakhiyali Santalpur   | вот  |
| Hyderabad ORR           | TOT  |
| Ganga Expressway        | BOT  |
| Lalitpur Lakhnadon      | TOT  |
| Jhansi Gwalior Kota     | TOT  |

#### B. Public InvIT (16%)

| Project                | Туре |
|------------------------|------|
| Talegaon Amravati      | вот  |
| Amritsar Pathankot     | ВОТ  |
| Jaipur Deoli           | ВОТ  |
| Tumkur Chitradurga     | ВОТ  |
| Omallur Salem Namakkal | вот  |
| Vadodara Kim           | HAM  |

- · All Assets are Operational
- Public InvIT has declared total distribution of ~INR 1 Bn in Q3FY25

# 2 Wholly Owned Concessions (100%)

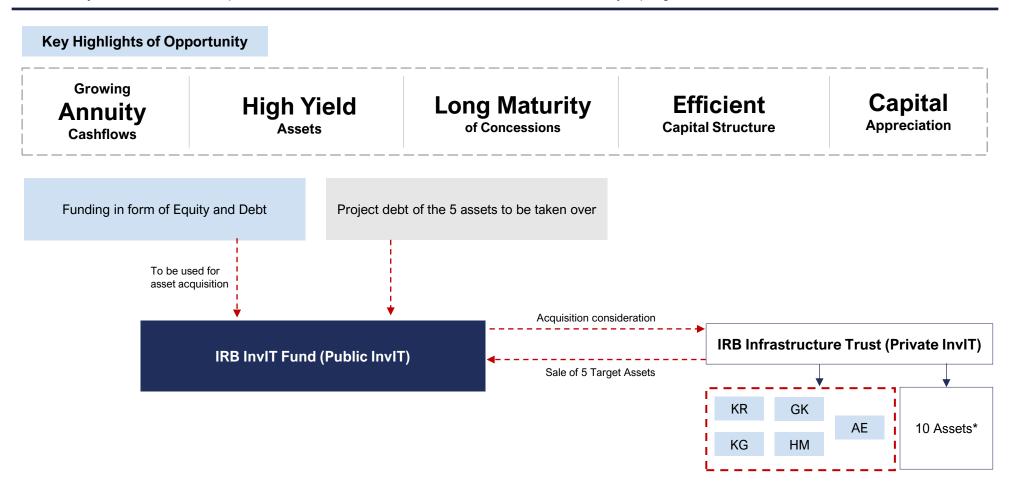
| Project                    | Туре |
|----------------------------|------|
| Mumbai Pune TOT            | TOT  |
| Ahmedabad Vadodara BOT     | ВОТ  |
| Vadodara-Mumbai Expressway | HAM  |
| Pathankot-Mandi NH 154     | HAM  |
| Chittoor-Thachur NH 716B   | HAM  |

- Engineering, Procurement and Construction (100%)
- IRB has executed c. 18,000 lane kms of projects across 36 projects
- Expert talent pool and state of the art equipment bank helps in managing entire tolling and maintenance function in-house
- Manages O&M of all group assets



# **Opportunity Overview**

Fundraise by IRB InvIT Fund to acquire 5 mature BOT assets from IRB Infrastructure Trust, thereby tripling its size



5 Target assets are currently valued at an Enterprise Value of INR 144 Bn<sup>^</sup> (USD 1.66 Bn) with Net debt of INR 59 Bn (USD 686 Mn)



Target assets



# **IRB InvIT Fund: Existing Portfolio**

Stable and one of the most diversified InvIT portfolio in India

**1** st

Listed InvIT in India

## AAA

(i.e. BBB- Internationally)



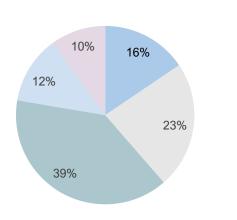
97%

Electronic Toll Collection through FastTag (RFID)

7.25%

Lowest interest cost in Oct'20, signaling value potential during rate cuts

#### Diverse set of Investors with strong financial capabilities



Sponsor

Foreign Portfolio Investor

Individuals

Bodies Corporate

Others

#### **Historical Performance**

Given the strong correlation between traffic growth and India's GDP, continued economic expansion should further drive traffic

WPI linked toll rates act as natural hedge to inflation, providing stable return

Traffic CAGR of 7.0%^

Inflation linked Toll rates

Historical Revenue CAGR 13.2%^

## **Key Financial Metrics**















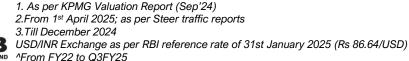


INR 80 Bn (USD 0.92 Bn) Enterprise Value

**~31%**<sup>1</sup> Debt to EV

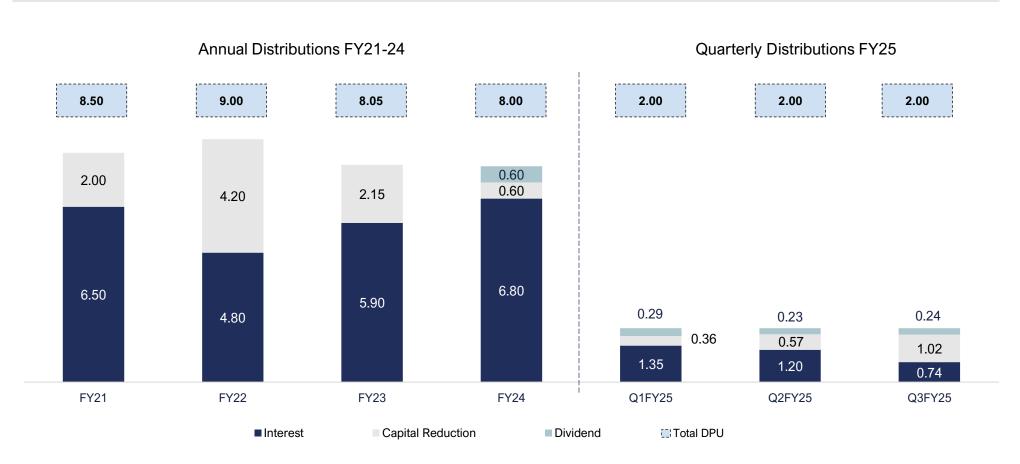
~14 years<sup>2</sup>

~INR 42 Bn (USD 0.48 Bn) Distributed 71% of Capital raised during IPO



# **Distribution History of Existing Portfolio**

#### Historical distribution record of existing portfolio of IRB InvIT Fund (in INR/unit)



The InvIT has healthy revenue from operations spread evenly across the diverse geography, along with a healthy **EBITDA Margin of 82%\*** in FY24 providing the investors with a stable return



# **Target Assets Overview**

## **Highlights of Target Assets**

**43.6%**<sup>2</sup>

Gross Debt to ΕV

**INR 144 Bn**<sup>2</sup>

(USD 1.66 Bn) Enterprise Value AAA

(Equi. to BBB-Internationally) 14.0%

Historical Revenue CAGR

7.3%

**Historical Traffic CAGR** 

97%

**Electronic Toll Collection** through FastTag

~21 yrs<sup>3</sup> WAL

| Particulars                  | Agra – Etawah<br>(AE) | Kaithal – Rajasthan<br>(KR) | Hapur – Moradabad<br>(HM) | Goa/Karnataka<br>(GK)  | Kishangarh – Gulabpura<br>(KG) |
|------------------------------|-----------------------|-----------------------------|---------------------------|------------------------|--------------------------------|
| National Highway             | NH-2                  | NH-152/65                   | NH-24 (New NH9)           | NH-66 (Formerly NH-17) | NH-79/79A                      |
| State                        | Uttar Pradesh         | Haryana                     | Uttar Pradesh             | Karnataka              | Rajasthan                      |
| Operating Model              | вот                   | вот                         | вот                       | ВОТ                    | ВОТ                            |
| No. of Lanes                 | 6                     | 4                           | 6                         | 4                      | 6                              |
| Lane Kms                     | 747                   | 665                         | 599                       | 758                    | 540                            |
| No. of Toll Plaza            | 2                     | 3                           | 2                         | 3                      | 1                              |
| COD                          | Aug'16                | Sep'17                      | May'19                    | Feb'20                 | Feb'18                         |
| Concession End <sup>3</sup>  | Oct'45                | Feb'49                      | Oct'43                    | Feb'48                 | Jun'42                         |
| Toll Escalation<br>Mechanism |                       |                             | Fixed 3% + 40% of WPI     |                        |                                |

<sup>1.</sup> From FY22 to Q3FY25

<sup>2.</sup> As per KPMG Valuation Report (Dec'24)

<sup>3.</sup> As per Steer traffic reports

USD/INR Exchange as per RBI reference rate of 31st January 2025 (Rs 86.64/USD)

# IRB InvIT Fund: Overview Post Acquisition

With proposed acquisition - Portfolio Average Residual life to increase from 14 years to 19 years

| Duciest                   | Residual                       | Historical                    |                               | Projected Number <sup>1</sup> |                     | Gross Toll     |  |
|---------------------------|--------------------------------|-------------------------------|-------------------------------|-------------------------------|---------------------|----------------|--|
| Project<br>Name           | Life <sup>1</sup><br>(~ years) | Revenue CAGR<br>(FY22-Q3FY25) | Traffic CAGR<br>(FY22-Q3FY25) | Revenue CAGR<br>HTM           | Traffic<br>CAGR HTM | Revenue Q3FY25 |  |
| 1 TC                      | 18                             | 16.6%                         | 9.5%                          | 9.1%                          | 4.1%                | 1.14           |  |
| 2 JD                      | 16                             | 20.5%                         | 13.8%                         | 10.2%                         | 5.2%                | 0.51           |  |
| 3 PA*                     | 13                             | 1.7%                          | (0.5%)                        | 11.4%                         | 5.8%                | 0.29           |  |
| 4 MVR                     | 2                              | 16.0%                         | 8.1%                          | 6.8%                          | 5.2%                | 0.45           |  |
| 5 TA                      | 12                             | 5.6%                          | (3.5%)                        | 9.6%                          | 4.6%                | 0.23           |  |
| 6 VK1                     | 12                             |                               | HAM ass                       | et - Fixed Annuity fro        | m NHAI              |                |  |
| Current Portfolio         | 14                             | 13.2%                         | 7.0%                          | 9.9%                          | 4.9%                | 2.62           |  |
| 7 HM                      | 19                             | 22.1%                         | 12.7%                         | 10.6%                         | 5.3%                | 0.86           |  |
| 8 AE                      | 21                             | 12.9%                         | 7.3%                          | 10.8%                         | 5.6%                | 0.67           |  |
| 9 KG                      | 17                             | 20.4%                         | 7.7%                          | 10.5%                         | 5.2%                | 0.62           |  |
| 10 GK                     | 23                             | 14.2%                         | 10.3%                         | 10.8%                         | 5.0%                | 0.37           |  |
| 11 KR                     | 24                             | (2.6%)                        | (6.4%)                        | 10.3%                         | 4.9%                | 0.35           |  |
| Target Portfolio          | 21                             | 14.0%                         | 7.3%                          | 10.6%                         | 5.1%                | 2.87           |  |
| Consolidated<br>Portfolio | 19                             | 13.8%                         | 7.2%                          | 10.4%                         | 5.1%                | 5.49           |  |

All figures in INR Bn

#### **Current Portfolio**

## INR 80 Bn<sup>2</sup>

(USD 0.92 Bn) Enterprise Value

> ~14 years WAL



#### **Target Portfolio**

INR 144 Bn<sup>3</sup>

(USD 1.66 Bn) **Enterprise Value** 

> ~21 years WAL



#### **Consolidated Portfolio**

**INR 224 Bn** (USD 2.58 Bn)

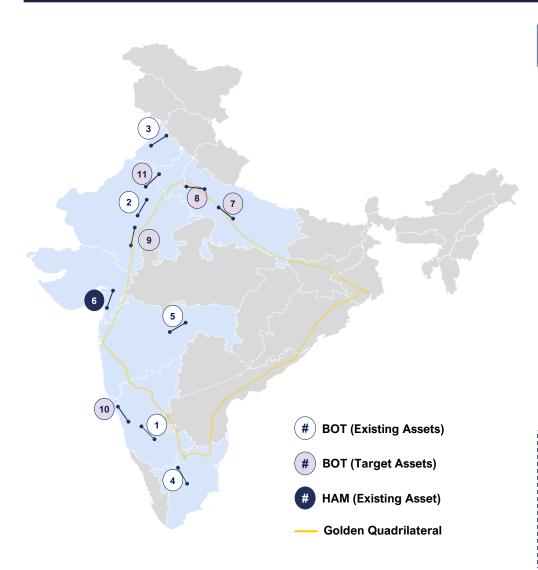
**Enterprise Value** 

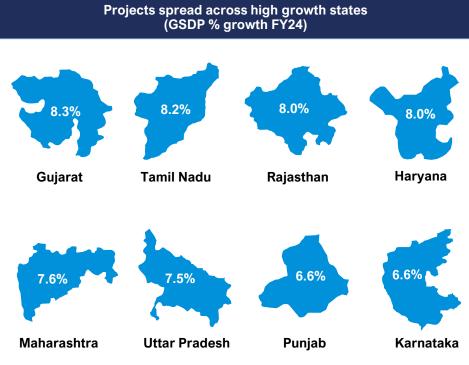
~19 years WAL



# **Diverse Asset Portfolio - Post Acquisition**

Asset portfolio across economically and geographically de-linked assets states





3 of the road projects form part of prestigious Golden Quadrilateral & 2 form part of the East-West Corridor

These corridors traverse through states with high GSDP and exhibit a significant contribution from commercial vehicles, thereby leading to more stable cash flows.





# **Debt Overview of Existing Portfolio & Target Assets**

Debt of the portfolio have been optimised to maximise their FCFE



#### **Debt of Target Assets**

Outstanding as on 31st Dec 2024

Gross Debt: INR 25 Bn (USD 286 Mn) Net Debt: INR 23 Bn (USD 270 Mn) Gross Debt: INR 62 Bn (USD 722 Mn) Net Debt: INR 59 Bn (USD 686 Mn)

Lenders

SBI

Canara (Lead Bank), NaBFID, UBI, IIFCL, BOI and BOM

**Credit Rating** 

AAA by India Ratings and CARE (i.e. BBB- Internationally)

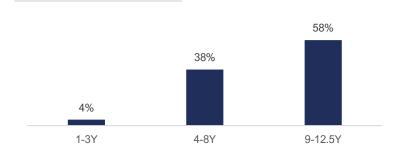
AAA by CRISIL (i.e. BBB- Internationally)

**Rate of Interest** 

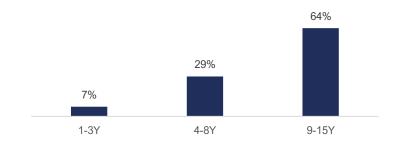
Linked to 3m MCLR + 25 bps (effective interest 8.80%)

Linked to 6m/ 1y MCLR + spread (effective interest 8.90%)

Back ended Repayment Tenor\*



Repayable in 15 years



Repayable in 12.5 years

# **Acquisition Funding Considerations**

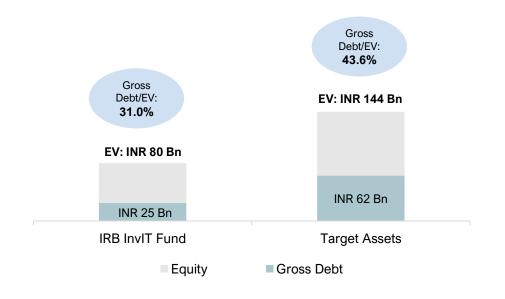
Restructuring debt can potentially provide additional equity returns for unitholders

INR Bn

| Particulars  | IRB InvIT Fund                | Target Assets                  | Consolidated Portfolio  |
|--|-------------------------------|--------------------------------|-------------------------|
| Enterprise Value                                   | 80 (USD 0.92 Bn) <sup>1</sup> | 144 (USD 1.66 Bn) <sup>2</sup> | 224 (USD 2.58 Bn)       |
| Gross Leverage                                     | 25 (USD 0.28 Bn)              | 62 (USD 0.72 Bn)               | 87 (USD 1.01 Bn)        |
| Gross Leverage (%)                                 | 31.0%                         | 43.6%                          | 39.1%                   |
| Headroom for Additional Debt assuming 49% Leverage | -                             | -                              | <b>22</b> (USD 0.26 Bn) |

 Sufficient Headroom: Consolidated leverage of IRB InvIT Fund with Target Assets ensures sufficient headroom for raising additional debt to fund the acquisition of Target Assets

 Max Leverage: While unitholders have currently approved leverage of upto 49%, InvIT regulations permit debt of up to 70% of Enterprise Value subject to credit rating of AAA





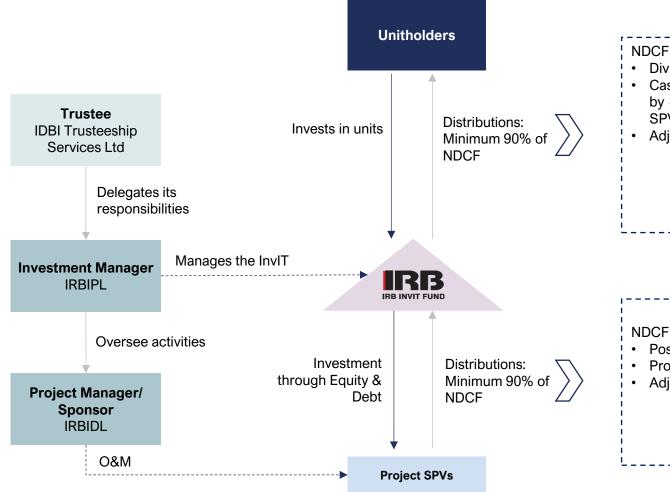
<sup>1.</sup> As on Sept'24 KPMG Valuation Report

<sup>2.</sup> As on Dec'2024 KPMG Valuation Report



## Structure of Public InvIT

Optimized & well-regulated InvIT framework for benefit of unitholders



#### NDCF comprising of

- Dividend and Interest received from the SPV
- Cash flows from repayment of debt principal by SPVs, and proceeds from sale of assets of SPV
- · Adjusted for:
  - Expenses (including IM fees) at Trust level
  - Income tax
  - Repayment of external debt at Trust level

#### NDCF comprising of

- · Post tax cash generated during the year
- · Proceeds from sale of infrastructure assets
- Adjust for:
  - Repayment of debt to external lenders, and
  - Any premium payments to NHAI

#### Benefits of InvIT Structure

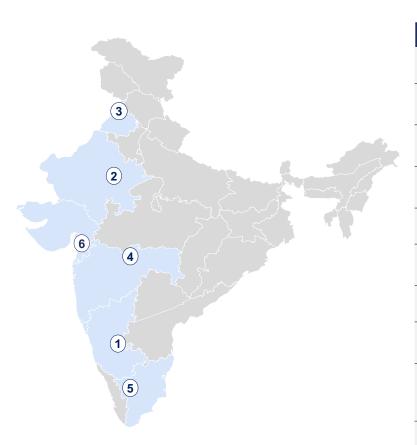
- 1. Interest & dividend received from the SPV is tax exempt at InvIT level and is passed through to be taxed in the hands of the unitholders (depending on the tax regime of the SPV). Under the Income Tax Act, consolidated InvITs benefit from significant tax advantages, resulting in minimal tax liabilities.
- 2. No regulatory cap for buyback/dividend as seen in case of holding company structures resulting in no cash trap at the InvIT level



# **Geographical Diversity of Existing Asset Base**

Assets across economically de-linked states of India

## Diversified Assets spread across the High Growth Western and Southern belt of India



One of India's leading publicly listed InvIT with strategically located assets in **high growth national corridors** 

|  | (1)                 | 2                    | <b>3</b>    | 4           | (5)                        | <u></u>                  |
|--|---------------------|----------------------|-------------|-------------|----------------------------|--------------------------|
| Particulars                            | TC                  | JD                   | PA          | TA          | MVR                        | VK 1                     |
| State                                  | Karnataka           | Rajasthan            | Punjab      | Maharashtra | Tamil Nadu                 | Gujarat                  |
| Operating<br>Model                     | ВОТ                 | ВОТ                  | ВОТ         | ВОТ         | ВОТ                        | HAM                      |
| No. of<br>Lanes                        | 6                   | 4                    | 4           | 4           | 4                          | 8                        |
| NH                                     | NH-48<br>(Old NH-4) | NH-52<br>(Old NH-12) | NH-15       | NH-6        | NH-44<br>(Old NH-7)        | DMEW                     |
| Lane Kms                               | 684                 | 595                  | 410         | 267         | 275                        | 190                      |
| No. of Toll<br>Plaza                   | 2                   | 2                    | 2           | 1           | 1                          | NA                       |
| COD                                    | Jun'11              | Sep'13               | Nov'14      | Apr'13      | Aug'09                     | Apr'22                   |
| Concession<br>End*                     | Dec'42              | Oct'40               | Jan'38      | Jun'37      | Jan'27                     | Apr'37                   |
| Toll<br>Escalation<br>Mechanism        |                     | 3% + 40% Incr        | ease in WPI |             | 100%<br>Increase in<br>WPI | -                        |
| Residual<br>Life*                      | 18                  | 16                   | 13          | 12          | 2                          | 12                       |
| Q3 FY25<br>Revenue/<br>Day (INR<br>Mn) | 12.4                | 5.5                  | 4.4^        | 2.5         | 4.9                        | Semi-Annual<br>Annuities |

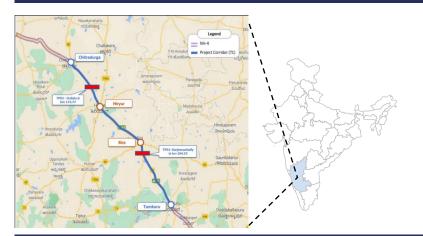


<sup>\*</sup> As per Steer Traffic Reports-Residual life computed from 1st April 2025 ^Excludes period where traffic was temporarily halted for 27 days due to farmers agitation protest in Q3FY25

# **Existing Asset: Tumkur Chitradurga (TC)**

Part of NH-4 (Chennai – Mumbai) and golden quadrilateral network

## **Geographic Location**



| Location | -4-4- |
|----------|-------|
|          |       |
| Locution | 91160 |

| Location Hig        | hlights  |  |
|---------------------|--|--|
| Influence<br>Area   | ■ Tumkur, Sira, Hiriyur and Chitradurga  |  |
| Important<br>Cities | <ul> <li>Tumkur is engaged in agricultural sector, with ragi, paddy and groundnut being the major crops cultivated. Sericulture or silk farming is one of the prominent agricultural enterprises</li> <li>Chitradurga is the 4th largest producer of wind energy in the country with around 20,000 wind turbines set up.</li> <li>Will likely benefit from the second Bangalore Airport</li> </ul> |  |
| Industries          | ■ The key primary industries in the state include agri- and food processing, apart from crop production. The state is mainly known for production of oil seeds, sugarcane, coffee and  |  |

| Project Description   | Tumkur - Chitradurga, is a part of NH 4 in the state of Karnataka which starts at km 75.00 near Tumkur and ends at km 189.00 near Chitradurga |  |
|-----------------------|---|--|
| Project Cost (INR Bn) | 11.4  |  |
| Project Road Length   | 684 Lane Kms  |  |
| Toll/Annuity          | Toll  |  |
| <b>Current Status</b> | Operational   |  |
| Awarding Authority    | NHAI  |  |
| Appointed Date        | 4th June 2011   |  |
| Concession Period     | 26 years + ~6 years extension   |  |

4th June 2011

INR 12.4 Mn / Day

#### Financial Highlights (INR Bn) Revenue CAGR (FY22 to Q3FY25) 16.6% Traffic CAGR (FY22 to Q3FY25) 9.5% Projected Revenue CAGR (HTM) 9.1% 4.1% Projected Traffic CAGR (HTM) 3.4 EBITDA (FY24)^ Enterprise Value\*\* 21.9

Note: Projections as per Steer traffic reports



cocoa.

COD

**Average Daily Toll** 

**Collection for Q3 FY25** 

Project Snapshot

Part of the North-South corridor of NH-52 which caters to the movement of long-distance traffic between the Northern and Southern States of India

## Geographic Location



| Influence |
|-----------|
| Area      |

 Jaipur, Shivdaspura, Chaksu, Tonk, Kota (major education hub and mining region) and Deoli

| Important           |
|---------------------|
| Important<br>Cities |
| Cities              |

The city of Jaipur is the state's capital and is the district headquarters. It is the largest city in the state and one of the planned cities in India

## Industries

 Tourism, minerals, gems, agriculture, animal husbandry and mining

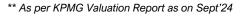
## Tourism

 Jaipur, also called the pink city is famous for its architecture and rich culture which attract the tourist from different parts of the globe

| Project Snapshot                             |   |
|--|---|
| Project Description                          | The project road, Jaipur to Deoli, starts at Jaipur (km 18.700) and ends at the Deoli (km 165.000) with a length of about 148.77 km |
| Project Cost (INR Bn)                        | 17.8  |
| Project Road Length                          | 595 Lane Kms  |
| Toll/Annuity                                 | Toll  |
| <b>Current Status</b>                        | Operational   |
| Awarding Authority                           | NHAI  |
| Appointed Date                               | 14th June 2010  |
| Concession Period                            | 25 years + ~5 years extension   |
| COD  | 27th September 2013   |
| Average Daily Toll<br>Collection for Q3 FY25 | INR 5.5 Mn / Day  |

| Financial Highlights (INR Bn) |       |
|-------------------------------|-------|
| Revenue CAGR (FY22-Q3FY25)    | 20.5% |
| Traffic CAGR (FY22-Q3FY25)    | 13.8% |
| Revenue CAGR HTM              | 10.2% |
| Traffic CAGR HTM              | 5.2%  |
| EBITDA (FY24)                 | 1.3   |
| Enterprise Value**            | 20.6  |

Note: Projections as per Steer traffic reports



Serves the long-distance traffic for the freight vehicles which are majorly plying between Jammu and Kashmir to Punjab/Haryana/Rajasthan

## **Geographic Location**



#### **Location Highlights**

| Location riiginights |   |  |
|----------------------|---|--|
| Influence<br>Area    | <ul> <li>Gurudaspur, Amritsar, Firozpur, Faridkot, Moga,<br/>Mukatsar &amp; Bhatinda</li> </ul>   |  |
| Important<br>Cities  | <ul> <li>Pathankot district is located in the northern most part of Punjab state, with Pathankot city as headquarters of the district. It is located near Shivalik hills and shares international border with Narowal district of Pakistan Punjab</li> <li>Amritsar is second most populous region in the state with population as per Census 2011 of 2.5 mn</li> </ul> |  |
| Industries           | <ul> <li>Wholesale and distribution of consumer goods &amp;<br/>services, agriculture, stones and minerals, textile</li> </ul>  |  |
| Tourism              | <ul> <li>Pathankot, Gurdaspur are located in the Shivaliks,<br/>the foothills of Himalayas which attracts tourists</li> </ul>   |  |

|       | *Traffic was impacted due to mining restrictions imposed by concerned authorities |
|-------|---|
| 11413 | and farmers' strikes in the region  |

from all over the country

\*\* As per KPMG Valuation Report as on Sept'24

| Project Snapshot  |                               |  |
|---|-------------------------------|--|
| Project Description  Pathankot - Amritsar, is a part of NH 15 in the star Punjab which starts at km 6.082 near Pathankot ends at km 108.502 near Amritsar |                               |  |
| Project Cost (INR Bn)   | 14.5                          |  |
| Project Road Length   | 410 Lane Kms                  |  |
| Toll/Annuity  | Toll                          |  |
| <b>Current Status</b>   | Operational                   |  |
| Awarding Authority  | NHAI                          |  |
| Appointed Date  | 31st December 2010            |  |
| Concession Period   | 20 years + ~7 years extension |  |
| <b>Tolling Start Date</b>   | 27th November 2014            |  |
| Full COD  | November 2014                 |  |
| Average Daily Toll<br>Collection for Q3 FY25^   | INR 4.4 Mn / Day              |  |

| Financial Highlights (INR Cr) |       |
|-------------------------------|-------|
| Revenue CAGR (FY22-Q3FY25)    | 1.7%  |
| Traffic CAGR (FY22-Q3FY25)    | -0.5% |
| Revenue CAGR HTM              | 11.4% |
| Traffic CAGR HTM              | 5.8%  |
| EBITDA (FY24)                 | 1.1   |
| Enterprise Value**            | 15.2  |

Note: Projections as per Steer traffic reports

<sup>20 ^</sup>Excludes period where traffic was temporarily halted for 27 days due to farmers agitation protest in Q3FY25

Part of the East-West corridor of NH-6 which caters to the movement of long-distance traffic between the Eastern and Western States of India

## **Geographic Location**



**Industries** 

| Location riiginights |   |  |
|----------------------|---|--|
| Influence<br>Area    | <ul> <li>Nandgaon Peth, Mozri, Tivsa, and Ramdara,<br/>Amravati</li> </ul>  |  |
| Important<br>Cities  | <ul> <li>Amravati district is situated in the Vidharbha region. It is surrounded by the districts of Nagpur, Wardha, Yavatmal, Wasim, and Akola &amp; Buldhana districts. The northern part of the district shares the border with the states of Madhya Pradesh.</li> <li>Wardha district is situated on the eastern side of Maharashtra with an area of 6,310 sq.km, accounting for 2 percent of Maharashtra total area. It is bounded by the districts of Chandrapur, Yavatmal and Amravati.</li> </ul> |  |

Agriculture, Steel Producing regions, Cement,

| Project Snapshot                             |   |
|--|---|
| Project Description                          | Talegaon-Amravati, is part of NH-6 which starts at Talegaon (km 100.000) and ends at the Amravati bypass (km 166.725) with a length of about 66.73 km |
| Project Cost (INR Bn)                        | 8.9   |
| Project Road Length                          | 267 Lane Kms  |
| Toll/Annuity                                 | Toll  |
| <b>Current Status</b>                        | Operational   |
| Awarding Authority                           | NHAI  |
| Appointed Date                               | 3rd September 2010  |
| <b>Concession Period</b>                     | 22 years + ~5 years extension   |
| <b>Tolling Start Date</b>                    | 24th April 2013   |
| Full COD                                     | April 2013  |
| Average Daily Toll<br>Collection for Q3 FY25 | INR 2.5 Mn / Day  |

| Financial Highlights (INR Bn) |       |
|-------------------------------|-------|
| Revenue CAGR (FY22-Q3FY25)*   | 5.6%  |
| Traffic CAGR (FY22-Q3FY25)*   | -3.5% |
| Revenue CAGR HTM              | 9.6%  |
| Traffic CAGR HTM              | 4.6%  |
| EBITDA (FY24)                 | 0.6   |
| Enterprise Value**            | 7.9   |

Note: Projections as per Steer traffic reports

Coal based power plants

<sup>\*</sup>Traffic was impacted due to network development activities around the stretch
\*\* As per KPMG Valuation Report as on Sept'24

Passes through the districts of Salem and Namakkal and also forms a crucial link of the north-south corridor connecting north India to south India

## **Geographic Location**



| Location | Hio | ıhlio | ıhts  |
|----------|-----|-------|-------|
| Location | ш   | ш     | 11160 |

| Influence |
|-----------|
| Area      |

 The project covers the stretch from Omalur to Namakkal and passes through two districts namely Salem and Namakkal

# Important Cities

- Electronics Corporation of Tamil Nadu Ltd has also established an IT SEZ at Jagirammapalayam village at Salem with an area of 53.33 acres of land at an investment of INR 40.53 crore which is located close to the toll plaza.
- Namakkal, the egg city is India's biggest egg producing region with close to 600 poultry farm

## Industries

 Textile, steel, automotive, poultry, agriculture and sago, auto components

## Tourism

 Salem is located at the base of the popular tourist destination of the Yercaud hills which is also called as Jewel of the South

| Project Snapshot                             |   |
|--|---|
| Project Description                          | Omallur – Namakkal is part of NH-44 in the state of Tamil Nadu which starts at km 180.000 near Omallur and ends at km 248.700 near Namakkal |
| Project Cost (INR Bn)                        | 3.1   |
| Project Road Length                          | 275 Lane Kms  |
| Toll/Annuity                                 | Toll  |
| <b>Current Status</b>                        | Operational   |
| Awarding Authority                           | NHAI  |
| Appointed Date                               | 14th August 2006  |
| Concession Period                            | 20 years + ~ 0.5 year extension   |
| Tolling Start Date                           | 14th August 2009  |
| Full COD                                     | August 2009   |
| Average Daily Toll<br>Collection for Q3 FY25 | INR 4.9 Mn / Day  |

| Financial Highlights (INR Bn) |       |
|-------------------------------|-------|
| Revenue CAGR (FY22-Q3FY25)    | 16.0% |
| Traffic CAGR (FY22-Q3FY25)    | 8.1%  |
| Revenue CAGR HTM              | 6.8%  |
| Traffic CAGR HTM              | 5.2%  |
| EBITDA (FY24)                 | 1.3   |
| Enterprise Value**            | 2.4   |

Note: Projections as per Steer traffic reports



# **Existing Asset: Vadodara Kim (VK1)**

Part of Gujarat, a state in western India with high growth potential

## **Geographic Location**



#### **Location Highlights**

- Post construction, annuity stream from NHAI ensures a 'AAA' rated asset and subsequent strong visibility of Asset transfer
- The project has three revenue streams:
- 60% of the price index multiple (PIM)-estimated adjusted bid project cost spread across 15 years in the form of 30 biannual instalments;
- ii) the interest on the balance annuities outstanding at the bank rate plus 300bps;
- iii) INR 27 million per annum (the first year's O&M bid quote) adjusted by PIM-linked inflation.

Since the asset is a HAM Project, with sovereign counterparty, it ensures a steady stream of cashflows to the InvIT

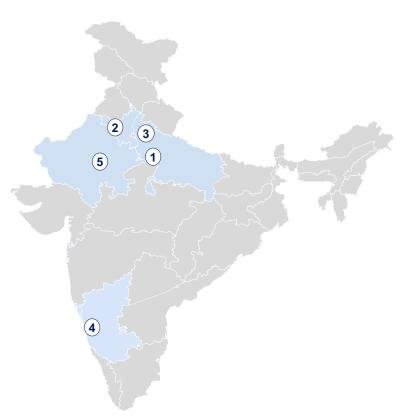
| Project Snapshot      |   |  |
|-----------------------|---|--|
| Project Description   | The corridor forms a part of road kilometre 355.00 to kilometre 378.74 of Padra-Vadodara section of Delhi - Mumbai Expressway |  |
| Project Cost (INR Bn) | 20.9  |  |
| Project Road Length   | 190 Lane Kms  |  |
| Toll/Annuity          | Annuity   |  |
| <b>Current Status</b> | Operational   |  |
| Awarding Authority    | NHAI  |  |
| Appointed Date        | 18 <sup>th</sup> January 2019   |  |
| Concession Period     | 15 Years + ~2 years extension   |  |
| Annuity Start Date    | October 2022  |  |
| Full COD              | April 2022  |  |

# Financial Highlights (FY24) (INR Bn) Annual Receipts from NHAI^ 1.9 Enterprise Value\*\* 11.8

# **Geographical Diversity of Target Assets**

Assets across economically de-linked and geographically diverse states of India

## Diversified Assets spread across High Growth States in Northern, Western and Southern India



All projects are located around economic/ tourism corridors having long term sustainable growth

|                                    | 1                        | 2         | 3                   | 4                            | 5         |
|------------------------------------|--------------------------|-----------|---------------------|------------------------------|-----------|
| Particulars                        | AE                       | KR        | НМ                  | GK                           | KG        |
| State                              | Uttar Pradesh            | Haryana   | Uttar Pradesh       | Karnataka                    | Rajasthan |
| Operating<br>Model                 | вот                      | ВОТ       | вот                 | ВОТ                          | ВОТ       |
| No. of Lanes                       | 6                        | 4         | 6                   | 4                            | 6         |
| National<br>Highway                | NH-2                     | NH-152/65 | NH-24<br>(New NH-9) | NH-66<br>(Formerly<br>NH-17) | NH-79A/79 |
| Lane Kms                           | 747                      | 665       | 599                 | 758                          | 540       |
| No. of Toll<br>Plaza               | 2                        | 3         | 2                   | 3                            | 1         |
| COD                                | Aug'16                   | Sep'17    | May'19              | Feb'20                       | Feb'18    |
| Concession<br>End*                 | Oct'45                   | Feb'49    | Oct'43              | Feb'48                       | Jun'42    |
| Toll Escalation<br>Mechanism       | 3% + 40% Increase in WPI |           |                     |                              |           |
| Residual Life*                     | ~21 years                | ~24 years | ~19 years           | ~23 years                    | ~17 years |
| Q3FY25<br>Revenue/ Day<br>(INR Mn) | 7.3                      | 3.8       | 9.4                 | 4.0                          | 6.7       |

Part of Golden Quadrilateral connecting national capital Delhi with commercial hub of East India viz. Kolkata

## **Geographic Location**



| Location | Liah | liabta |
|----------|------|--------|
| Location | підп | ngnts  |

| Location riiginights |   |  |
|----------------------|---|--|
| Influence<br>Area    | <ul> <li>Agra, Kuberpur, Tundla, Firozabad, Shikhohabad,<br/>Sirsagani and Etawah</li> <li>Project is part of Golden Quadrilateral</li> </ul>   |  |
| Important<br>Cities  | <ul> <li>Agra: Taj Mahal, situated on the bank of river Yamuna, is a prime tourist attraction. It is a commercial city and most industrial activities are in the form of small scale and household industries.</li> <li>Etawah: It has a good agricultural base. Commodities such as oilseeds, cotton, ghee are grown and exported throughout the year</li> </ul> |  |
| Industries           | <ul> <li>Manufactured goods, consumer items, iron, steel,<br/>leather, textile and glass industries</li> </ul>  |  |
| Tourism              | ■ Taj Mahal, Fatehpur Sikri and Agra Fort   |  |

| Project Snapshot                           |  |
|--|--|
| Project Description                        | Six Laning of Agra to Etawah Bypass section of NH2 under NHDP Phase V in the state of Uttar Pradesh on BOT (Toll) mode |
| Project Cost (INR Bn)                      | 31.6   |
| Project Road Length                        | 747 Lane Kms   |
| Toll/Annuity                               | Toll   |
| <b>Current Status</b>                      | Operational  |
| Awarding Authority                         | NHAI   |
| Appointed Date                             | August 1, 2016   |
| Concession Period                          | 24 years + ~5 years expected extension   |
| Tolling Start Date                         | August 2016  |
| Average Daily Toll<br>Collection in Q3FY25 | INR 7.3 Mn /Day  |

| Financial Highlights (INR Bn) |       |
|-------------------------------|-------|
| Revenue CAGR (FY22-Q3FY25)    | 12.9% |
| Traffic CAGR (FY22-Q3FY25)    | 7.3%  |
| Projected Revenue CAGR (HTM)  | 10.8% |
| Projected Traffic CAGR (HTM)  | 5.6%  |
| EBITDA (FY24)                 | 0.6   |
| Enterprise Value**            | 33.7  |

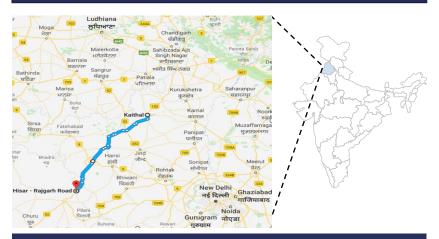
Note: Projections as per Steer traffic reports



25

Part of the economic corridor identified under the Bharatmala framework

# **Geographic Location**



| Location Highlights |  |  |
|---------------------|--|--|
| Influence<br>Area   | <ul> <li>Chandigarh, Delhi NCR, Hisar, Kaithal, Bhiwani,<br/>Jind</li> </ul>   |  |
| Industries          | <ul> <li>Steel, automobile, textiles, livestock, sanitaryware, agriculture</li> <li>Hisar is known as the "City of Steel" due to presence of various stainless steel manufacturing and processing units</li> <li>Haryana manufactures ~2/3<sup>rd</sup> of passenger cars, ~50% of tractors and 60% of motorcycles and 50% of refrigerators manufactured in India</li> </ul> |  |
| Factories           | <ul> <li>Maruti Udyog, Jindal Steel, Modi Alcatel, Escorts,<br/>Sony India, VXL India, Whirlpool Industries, Wipro<br/>Ltd., DCM, Benetton, Asahi India Safety Glass,<br/>HMT Ltd., National Fertilizer Ltd., Indian Drugs &amp;<br/>Pharmaceutical Ltd., Bharat Electronics Ltd,<br/>Cotton Textile mills</li> </ul>  |  |

| Project Snapshot                           |   |
|--|---|
| Project Description                        | Four Laning of Kaithal to Rajasthan Border section of NH 152/65 in the state of Haryana under NHDP Phase IV on BOT (Toll) Basis |
| Project Cost (INR Bn)                      | 23.2  |
| Project Road Length                        | 665 Lane Kms  |
| Toll/Annuity                               | Toll  |
| <b>Current Status</b>                      | Operational   |
| Awarding Authority                         | NHAI  |
| Appointed Date                             | July 15, 2015   |
| Concession Period                          | 27 years + ~7 years expected extension  |
| <b>Tolling Start Date</b>                  | September 2017  |
| Average Daily Toll<br>Collection in Q3FY25 | INR 3.8 Mn / Day  |

| Financial Highlights (INR Bn) |       |
|-------------------------------|-------|
| Revenue CAGR (FY22-Q3FY25)*   | -2.6% |
| Traffic CAGR (FY22-Q3FY25)*   | -6.4% |
| Projected Revenue CAGR (HTM)  | 10.3% |
| Projected Traffic CAGR (HTM)  | 4.9%  |
| EBITDA (FY24)                 | 1.0   |
| Enterprise Value**            | 23.7  |



Note: Projections as per Steer traffic reports

Brownfield project located in the vicinity of national capital region

## **Geographic Location**



| Location | Highlights |
|----------|------------|
|          |            |

| Location nigniights    |  |  |
|------------------------|--|--|
| Influence<br>Area      | ■ Delhi NCR, Meerut, Hapur, Moradabad  |  |
| Industries             | <ul> <li>IT, agro-based and food processing, light<br/>engineering goods, sports goods, textiles, leather-<br/>based, biotechnology, brass manufacturing etc</li> </ul>                              |  |
| Factories              | <ul><li>Moradabad is known as the "Brass City"</li></ul>   |  |
| Key Traffic<br>drivers | <ul> <li>Vicinity to the national capital has induced rapid<br/>urbanization and industrialization growth.</li> <li>Numerous townships have been developed along<br/>the project corridor</li> </ul> |  |
| Tourism                | <ul> <li>Various tourist and religious destinations in<br/>Uttarakhand and Uttar Pradesh</li> </ul>  |  |

| Project Snapshot                           |  |
|--|--|
| Project Description                        | Six Laning of Hapur Bypass to Moradabad Section of NH-9 in the state of Uttar Pradesh under NHDP Phase V on BOT (Toll) Basis |
| Project Cost (INR Bn)                      | 38.1   |
| Project Road Length                        | 599 Lane Kms   |
| Toll/Annuity                               | Toll   |
| <b>Current Status</b>                      | Operational  |
| Awarding Authority                         | NHAI   |
| Appointed Date                             | May 28, 2019   |
| Concession Period                          | 22 years + ~3 years expected extension   |
| <b>Tolling Start Date</b>                  | May 2019   |
| Average Daily Toll<br>Collection in Q3FY25 | INR 9.4 Mn / Day   |

| Financial Highlights (INR Bn) |       |
|-------------------------------|-------|
| Revenue CAGR (FY22-Q3FY25)    | 22.1% |
| Traffic CAGR (FY22-Q3FY25)    | 12.7% |
| Projected Revenue CAGR (HTM)  | 10.6% |
| Projected Traffic CAGR (HTM)  | 5.3%  |
| EBITDA (FY24)                 | 2.1   |
| Enterprise Value**            | 42 4  |

Note: Projections as per Steer traffic reports

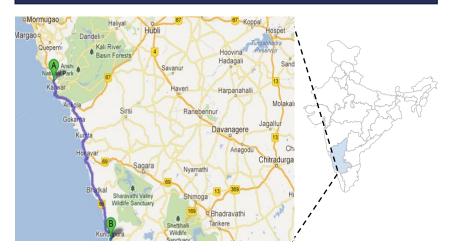


# Target Asset: Goa/Karnataka (GK) Border – Section of NH-17

BOT

Part of the economic and tourism corridor under Bharatmala framework connecting ports along western India

## **Geographic Location**



| Location Highlights      |  |
|--------------------------|--|
| Key<br>Influence<br>Area | <ul> <li>Goa: Goa has second highest GDP per capita which is three times that of India (at FY23 Prices). It is also an attractive tourist destination</li> <li>Kumta: It is a town located in the state of Karnataka. It is an important railway station on the Konkan railway line running between Mumbai and Mangalore</li> <li>Bhatkal: Lies on NH-66 running between Mumbai and Kochi</li> </ul> |
| Factories                | <ul> <li>BHEL, Volvo, Toyota, TVS, Kirloskar, L&amp;T,<br/>Mangalore Refinery and Petrochemicals Ltd etc</li> </ul>  |
| Tourism                  | ■ Gokarna, Murudeshwara, Yana, Idagunji, Jog Falls   |

| Project Snapshot                           |   |
|--|---|
| Project Description                        | Four Laning of Goa / Karnataka Border to Kundapur section of NH17 in the state of Karnataka under NHDP Phase – IV on BOT (Toll) Basis |
| Project Cost (INR Bn)                      | 36.8  |
| Project Road Length                        | 758 Lane Kms  |
| Toll/Annuity                               | Toll  |
| <b>Current Status</b>                      | Operational   |
| Awarding Authority                         | NHAI  |
| Appointed Date                             | March 3, 2014   |
| Concession Period                          | 28 years + ~6 years expected extension  |
| Tolling Start Date                         | February 2020   |
| Average Daily Toll<br>Collection in Q3FY25 | INR 4.0 Mn / Day  |

| Financial Highlights (INR Cr) |       |
|-------------------------------|-------|
| Revenue CAGR (FY22-Q3FY25)    | 14.2% |
| Traffic CAGR (FY22-Q3FY25)    | 10.3% |
| Projected Revenue CAGR (HTM)  | 10.8% |
| Projected Traffic CAGR (HTM)  | 5.0%  |
| EBITDA (FY24)                 | 0.6   |
| Enterprise Value**            | 30.3  |

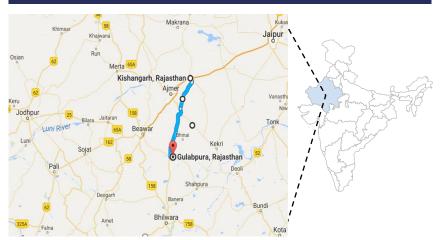
Note: Projections as per Steer traffic reports



28

Part of seamless 6-lane Jaipur-Ahmedabad-Mumbai corridor

## **Geographic Location**



| 1 4:     |            |
|----------|------------|
|          |            |
| LUCALIUI | Highlights |
|          |            |

| Location Highlights |   |
|---------------------|---|
| Influence<br>Area   | <ul><li>Chittorgarh, Bhilwara, Kishangarh</li><li>Project is part of Golden Quadrilateral</li></ul>   |
| Industries          | <ul> <li>Region is rich in mineral resources like copper, lead, zinc and silver</li> <li>Region is famous for quality of marble and granite with a widest range of Indian, Italian and Makrana marble available in this area, It is a good market for the power loom and ball mills sector</li> <li>Project stretch falls along the alignment of upcoming Delhi Mumbai Industrial Corridor</li> <li>Bhilwara is known for its textile &amp; metal industry</li> <li>There are 16,000 industrial units and 10 industrial belts in Gulabpura</li> </ul> |

Various temples and forts across Rajasthan

| Project Snapshot                           |  |
|--|--|
| Project Description                        | Six-Laning of Kishangarh to Gulabpura section of NH 79A and NH 79 from Kishangarh(on NH 79A) and ends near Gulabpura (on NH-79) in the state of Rajasthan on BOT (Toll) basis under NHDP Phase V |
| Project Cost (INR Bn)                      | 18.2   |
| Project Road Length                        | 540 Lane Kms   |
| Toll/Annuity                               | Toll   |
| <b>Current Status</b>                      | Operational  |
| Awarding Authority                         | NHAI   |
| Appointed Date                             | February 21, 2018  |
| Concession Period                          | 20 years + ~4 years expected extension   |
| <b>Tolling Start Date</b>                  | February 2018  |
| Average Daily Toll<br>Collection in Q3FY25 | INR 6.7 Mn / Day   |

| Financial Highlights (INR Bn) |       |
|-------------------------------|-------|
| Revenue CAGR (FY22-Q3FY25)    | 20.4% |
| Traffic CAGR (FY22-Q3FY25)    | 7.7%  |
| Projected Revenue CAGR (HTM)  | 10.5% |
| Projected Traffic CAGR (HTM)  | 5.2%  |
| EBITDA (FY24)                 | 0.1   |
| Enterprise Value**            | 13.3  |

Note: Projections as per Steer traffic reports



**Tourism** 

# **Investment Manager of Public InvIT**

Experienced IM & Management team

Background & Experience

- The IM has ~19 years experience in operating a road BOT project, & in developing, operating and maintaining toll plazas in the infrastructure sector with a **net worth of ~INR 0.61 Bn as on 31**st **December, 2024**
- The Management of the IM is governed by an experienced Board of Directors and professionals with proven capabilities in the fields of Finance and Infrastructure. The Chairman of the Board is **Mr. R.P. Singh**, who has previously held the office of Chairman of the NHAI

#### **Brief Profiles of Directors & Key Managerial Personnel**



Mr. R.P. Singh Chairman of the Board

- Mr. Singh is a former IAS Officer
- He was the Chairman of NHAI from Jun'12 to Jun'15. Prior to leading NHAI, he held the office of Chairman and MD of Punjab & Sind Bank



Mr. Jitender Kumar Chauhan CEO & Whole-time Director

- He has over 34 years of expertise as a civil engineer in the infrastructure
- He is a member of the NH Builders Federation's Executive Committee and the Indian Road Congress



Mr. Rushabh Gandhi CFO & Executive Director

- Mr. Gandhi is a member of ICAI and holds a Bachelors' Degree in Commerce and Bachelors' Degree in Law
- · He previously served as CFO of the Sponsor



Mrs. Anusha Date Independent Director

- Mrs. Anusha is a member of ICAI and holds a Bachelors' Degree in Commerce
- She is a Partner at ABD & Co LLP & has 15 yrs of experience in Audit, Finance, Taxation and Consultancy



Mr. Sunil Tandon Independent Director

- · Mr. Sunil is a former IAS Officer
- He was previously CEO and MD of various large corporates such as SKIL Group, Pipavav Port, Pipavav Rail, GMR Infra, Capital Partners, 50HZ India Pvt Ltd etc.



Mr. Nikesh Jain Independent Director

- Mr. Nikesh is a member of ICAI and holds a Bachelors' Degree in Commerce
- He is a Senior Partner at JMR Associates LLP and has an experience of over 20 years in Audit, Valuations and IPO



**Ms. Swapna Vengurlekar** Compliance Officer

- Ms. Swapna is a member of ICSI and holds a Bachelors' Degree in Commerce and Bachelors' Degree in Law
- She previously served as Assistant CS of the Sponsor

# **Indian Roads & Highways Sector**

Strong tailwinds for the highway sector, supported by growth in automobiles and other sectors

#### Increased focus on development of road network



India possesses the world's second-largest road network, extending approximately 6.4 million kilometers



India aims for 200,000 km of national highways; c. 146,000 km already completed, with c. 48,400 km being 4+ lanes



Large opportunity for Privateplayers considering current Govt commitments

## Marquee Global Investors currently in Indian Road & Highway Sector

KKR















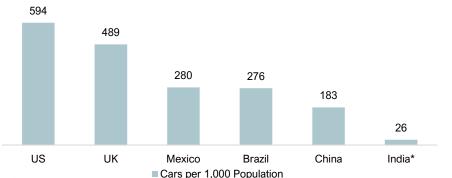








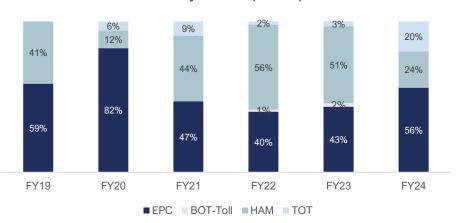
#### **Country Wise Car Penetration**



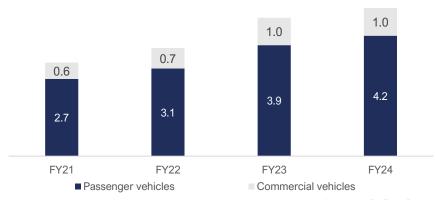
#### **Private Capex picking Momentum**

- NHAI plans to monetize INR 600 Bn of operational highways via the TOT Model
- This offers private capital a major opportunity to invest in infrastructure growth
- These assets (95% of EPC/HAM road projects) were previously on NHAI's balance sheet
- This shift to private investment frees up NHAI resources for new projects and network expansion

#### Yearly Awards (in Kms)



#### Sale of Automobiles (in Mn Units)



# **Regulatory Safeguards**

Supportive regulatory framework backed by the central government

| ı | _ |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|
| ľ | C | a | n | C | Δ | r | n | c |

# Clauses introduced in Concession Agreement for mitigation

#### **Impact**

Floor & Cap Model

Extension/ reduction of concession period linked to shortfall/ surplus in target traffic on target dates with a floor and cap model

Concession period extension of up to 20% for traffic shortfall or reduction up to 10% for traffic surplus on target dates

**Tariff Increase** 

Robust mechanism for annual escalation of toll rate built in the concession agreement with 3% fixed escalation and 40% linked to WPI Smooth implementation of annual tariff escalation across all NH projects providing hedge against inflation and currency depreciation

Efficiency in Toll Collection

Mandatory electronic toll collection using Fastag RFID technology

97% toll being collected electronically resulting in reduction in user waiting time, transparency, lower operating costs and improved monitoring

**Termination Payment** 

Termination Payment Clause to ensure debt and equity recovery from Authority in all termination cases

Termination Payment equivalent to 100% Debt Due and 150% Adjusted Equity from Authority to protect capital in case of termination events

**Force Majeure** 

- 100% extension of concession period and 50% reimbursement of O&M expenses during the affected period
- Partial premium waiver

Ensured financial stability during stress period



# Project Manager's Strong Focus on Protecting the Environment & Community; **Sustainability Reporting to Bring About Reporting Transparency**

IRB has a strong focus on environment, sustainability and community

#### IRB's current environment focused initiatives



Water conservation measures: Drip irrigation and rainwater harvesting



Replacing conventional machinery with modern equipment



Minimized cutting of trees and replanting of trees



Use of recycled products, in line with the quality and safety standards

#### Rated among the top Infra Companies in India for ESG

Rating Agency

Sustainalytics

S&P Global

Criteria Lower – Better

Higher - Better

CY

33.5

51

PY

44.5

40

Business responsibility and sustainability reporting (BRSR) is intended towards having quantitative and standardized disclosures on ESG parameters, to enable comparability across companies and over time

#### BRSR to be governed by 9 principles of the National Guidelines on Responsible Business Conduct

**Businesses** should conduct and govern themselves with integrity and in a manner that is ethical, transparent and accountable



Businesses should provide goods and services in a manner that is sustainable and safe



Businesses should respect and promote the well-being of all employees. including those in their value chains





Businesses should respect the interests of and be responsive to all its stakeholders





**Businesses** should respect and promote human rights





**Businesses** should respect and make efforts to protect and restore the environment





Businesses, when engaging in influencing public and regulatory policy, should do so in a manner that is responsible and transparent





Businesses should promote inclusive growth and equitable development





Businesses should engage with and provide value to their consumers in a responsible manner





# **Glossary**

| AE                    | AE Tollway Limited   | MMK                        | MMK Toll Road Private Limited                              |
|-----------------------|--|----------------------------|--|
| BOI                   | Bank of India  | MVR/Omallur-Salem-Namakkal | M.V.R. Infrastructure and Tollways Ltd.                    |
| BOM                   | Bank of Maharashtra  | NaBFiD                     | National Bank for Financing Infrastructure and Development |
| BOT                   | Build Operate Transfer                                       | NDCF                       | Net Distributable Cash Flows                               |
| CAGR                  | Compounded Annual Growth Rate                                | NH                         | National Highways  |
| Canara                | Canara Bank  | NH                         | National Highway   |
| CG                    | CG Tollway Limited   | NHAI                       | National Highways Authority of India                       |
| COD                   | Commercial Operations Date                                   | O&M                        | Operations and Maintenance                                 |
| DP                    | Palsit Dankuni Tollway Private Limited                       | PA/Pathankot Amritsar      | IRB Pathankot Amritsar Toll Road Ltd.                      |
| DPU                   | Distribution per Unit  | PAT                        | Profits after taxes  |
| EBITDA                | Earnings before Interest, Tax, Depreciation and Amortisation |                            |  |
| EPC                   | Engineering, Procurement & Construction                      | PCOD                       | Provisional Commercial Operations Date                     |
| EV                    | Enterprise Value   | PCU                        | Passenger Car Unit   |
| FCFE                  | Free Cash Flows for Equity                                   | RFID                       | Radio Frequency Identification                             |
| GIC                   | Government of Singapore Investment Corporation               | RG                         | Restricted Group   |
| GK                    | IRB Westcoast Tollway Limited                                | RTL                        | Rupee Term Loan  |
| GQ                    | Golden Quadrilateral   | SBI                        | State Bank Of India  |
| HAM                   | Hybrid Annuity Model   | SEBI                       | Securities Exchange Board of India                         |
| HM                    | IRB Hapur Moradabad Tollway Limited                          | SPV                        | Special Purpose Vehicle                                    |
| IE                    | Independent Engineer   | SS                         | Samakhiyali Tollway Private Limited                        |
| IIFCL                 | India Infrastructure Finance Company Ltd                     | SSLD                       | Scheduled Six Laning Date                                  |
| IM                    | Investment Manager   | SY                         | Solapur Yedeshi Tollway Limited                            |
| InvIT                 | Infrastructure Investment Trust                              | TA/ Talegaon Amravati      | IRB Talegaon Amravati Tollway Limited                      |
| IPO                   | Initial Public Offering                                      | TC/Tumkur Chitradurga      | IRB Tumkur Chitradurga Tollway Limited                     |
| IRBIDL                | IRB Infrastructure Developers Limited                        | TP                         | Toll Plaza   |
| IRBIPL                | IRB Infrastructure Private Limited                           |                            |  |
| JD/Jaipur Deoli       | IRB Jaipur Deoli Tollway Limited                             | UBI                        | Union Bank of India  |
| KG                    | Kishangarh Gulabpura Tollway Limited                         | US                         | Udaipur Tollway Limited                                    |
| KR                    | Kaithal Tollway Limited                                      | VK1/Vadodara Kim           | VK1 Expressway Limited                                     |
| MCLR                  | Marginal Cost Of Funds Based Lending Rate                    | WAL                        | Weighted Average Life                                      |
| Steer                 | Steer Davis Gleave India Private Limited                     | WPI                        | Wholesale Price Index                                      |
| Steer Traffic Reports | Traffic Consultant   | YA                         | Yedeshi Aurangabad Tollway Limited                         |



# Thank You