



Druta Designs

SERVICES OFFERED

Concept Designs

Feasibility Studies

Detailed Designs for Roads and Bridges

Pre tender Assistance

Clash Analysis using Building Information Modelling (BIM)

Project Management (i2R)



Design
Management



Project Risk
Management



Contract
Management



Claims
Management



IT Tools &
Applications

ACHIEVEMENTS

Detailed Design	28 Projects
Pretender services	28 Projects
Proof Checking	2 Projects

Total length of Design services	935 Km
6-Lane Expressway	65 Km
6-Lane Highway	99 Km
4-Lane Highway	420 Km
2-Lane Highway	351 Km

SOME OF OUR CLIENTS



adani™

BSLMI (JV)



SP-ALR-SA (JV)



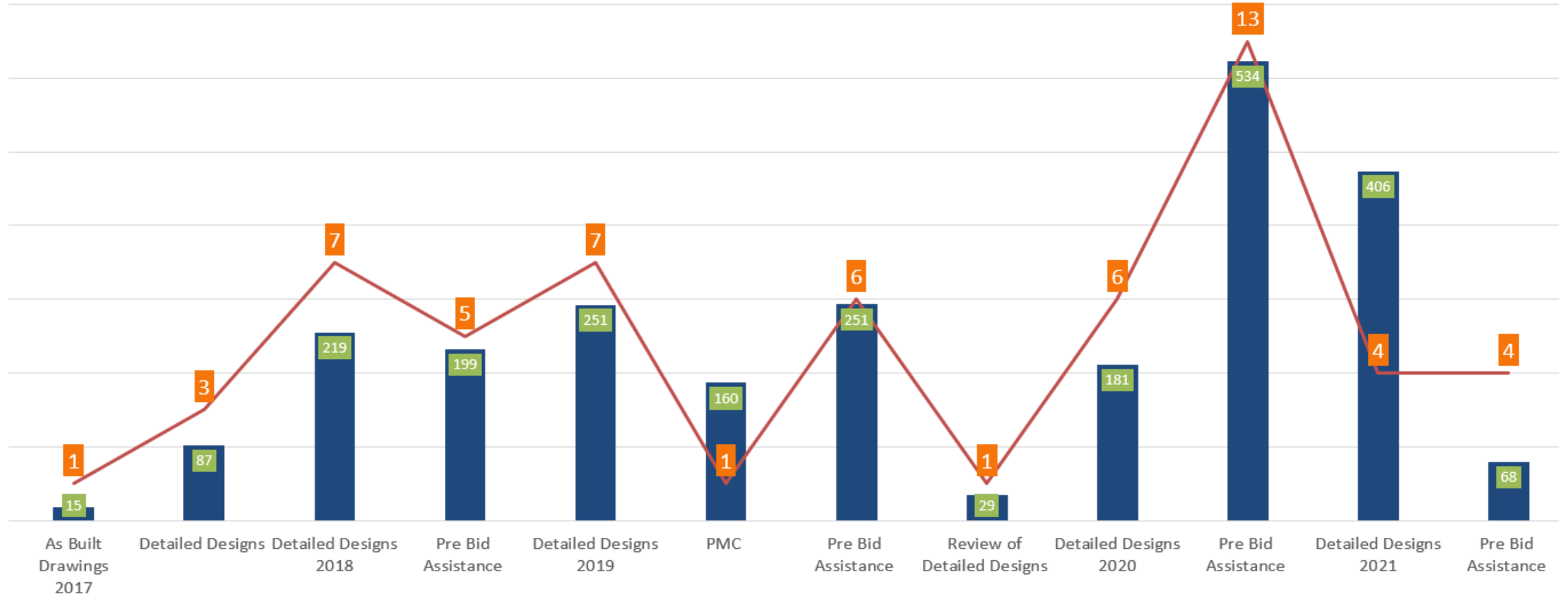
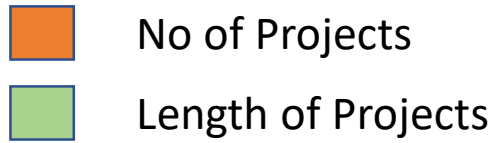
LANCO- RITWIK JV



PSK - RITHWIK JV



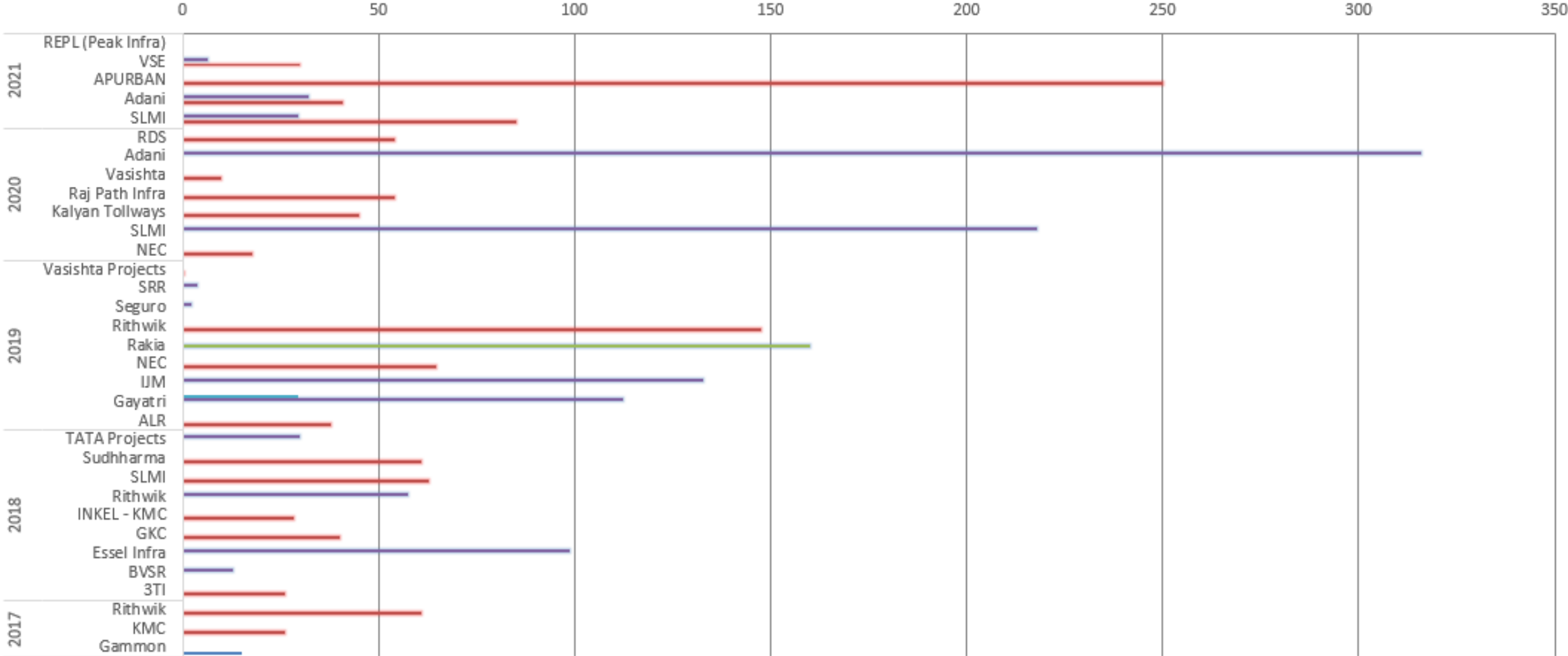
PROJECT PORTFOLIO



YEAR WISE PROJECTS (LENGTH IN KM)

Year	Completed	Ongoing	Closed	Grand Total
2017	102			102
2018	417			417
2019	605		87	691
2020	589	126		715
2021	286	188		474
Grand Total	1999	314	87	2400

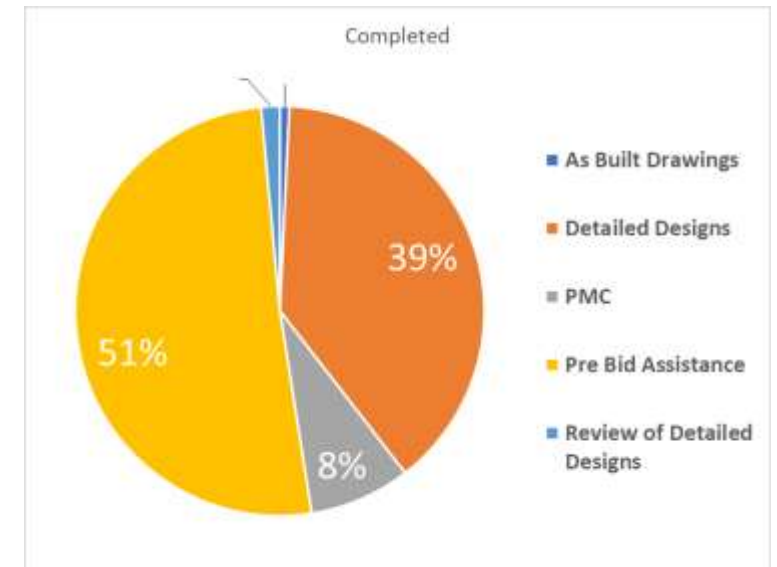
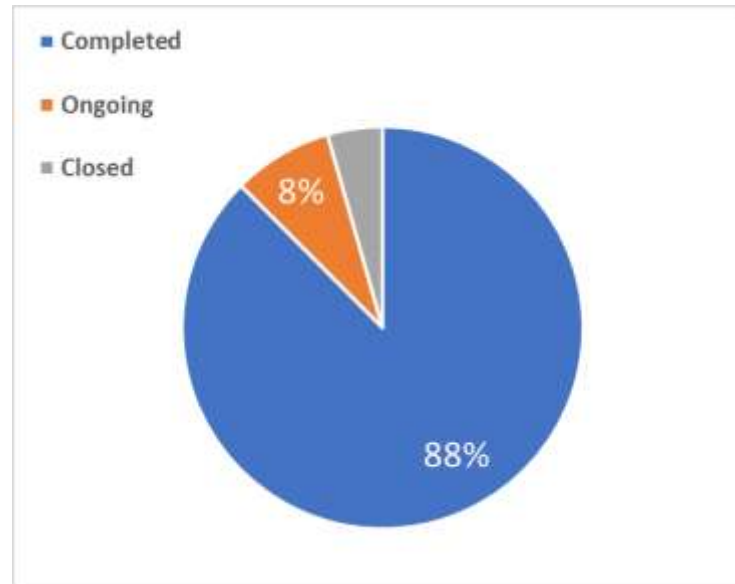
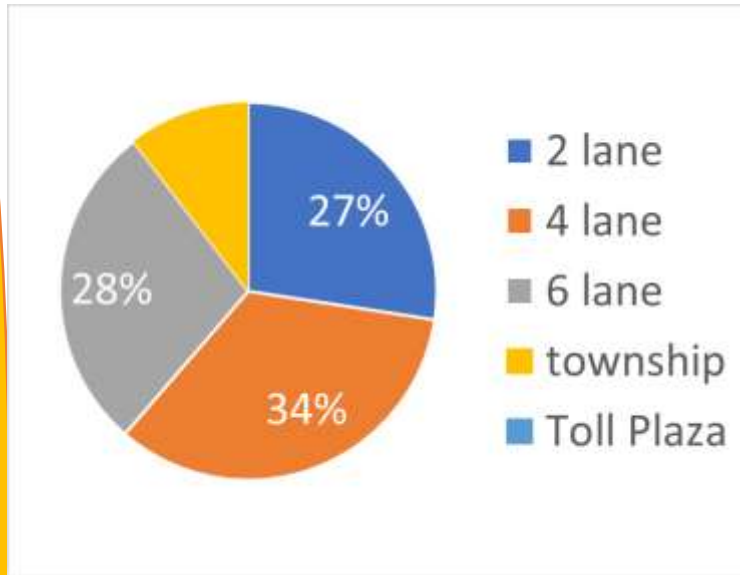
PROJECT PORTFOLIO



	2017				2018							2019							2020					2021										
	Gammon	KMC	Rithwik	3TI	BVSR	Essel Infra	GKC	INKEL - KMC	Rithwik	SLMI	Sudharma	TATA Projects	ALR	Gayatri	IJM	NEC	Rakia	Rithwik	Seguro	SRR	Vasishtha Projects	NEC	SLMI	Kalyan Tollways	Raj Path Infra	Vasishtha	Adani	RDS	SLMI	Adani	APURBAN	VSE	REPL (Peak Infra)	
Review of Detailed Designs														29																				
Pre Bid Assistance					13	99			57		30		113	133					2	4			218				316	29	32		7			
PMC																160																		
Detailed Designs		26	61	26			40	28		63	61	38			65		147				1	18		45	54	10		54	85	41	250	30		
As Built Drawings	15																																	

PROJECT PORTFOLIO

Year	Client	As Built Drawings	Detailed Designs	PMC	Pre Bid Assistance	Review of Detailed Designs	Grand Total
2017	Gammon	15					15
	KMC		26				26
	Rithwik		61				61
2017 Total		15	87				102
2018	3TI		26				26
	BVSR				13		13
	Essel Infra				99		99
	GKC		40				40
	INKEL - KMC		28				28
	Rithwik				57		57
	SLMI		63				63
	Sudharma		61				61
	TATA Projects				30		30
2018 Total			219		199		417
2019	ALR		38				38
	Gayatri				113	29	142
	IJM				133		133
	NEC		65				65
	Rakia			160			160
	Rithwik		147				147
	Seguro				2		2
	SRR				4		4
	Vasishta Projects		1				1
2019 Total			251	160	251	29	691
2020	NEC		18				18
	SLMI				218		218
	Kalyan Tollways		45				45
	Raj Path Infra		54				54
	Vasishta		10				10
	Adani				316		316
	RDS		54				54
2020 Total			181		534		715
2021	SLMI		85		29		114
	Adani		41		32		73
	APURBAN		250				250
	VSE		30		7		37
	REPL (Peak Infra)						
2021 Total			406		68		474
Grand Total		15	1143	160	1052	29	2400



PROJECT PORTFOLIO

PROJECT DETAILS (Detailed Designs)

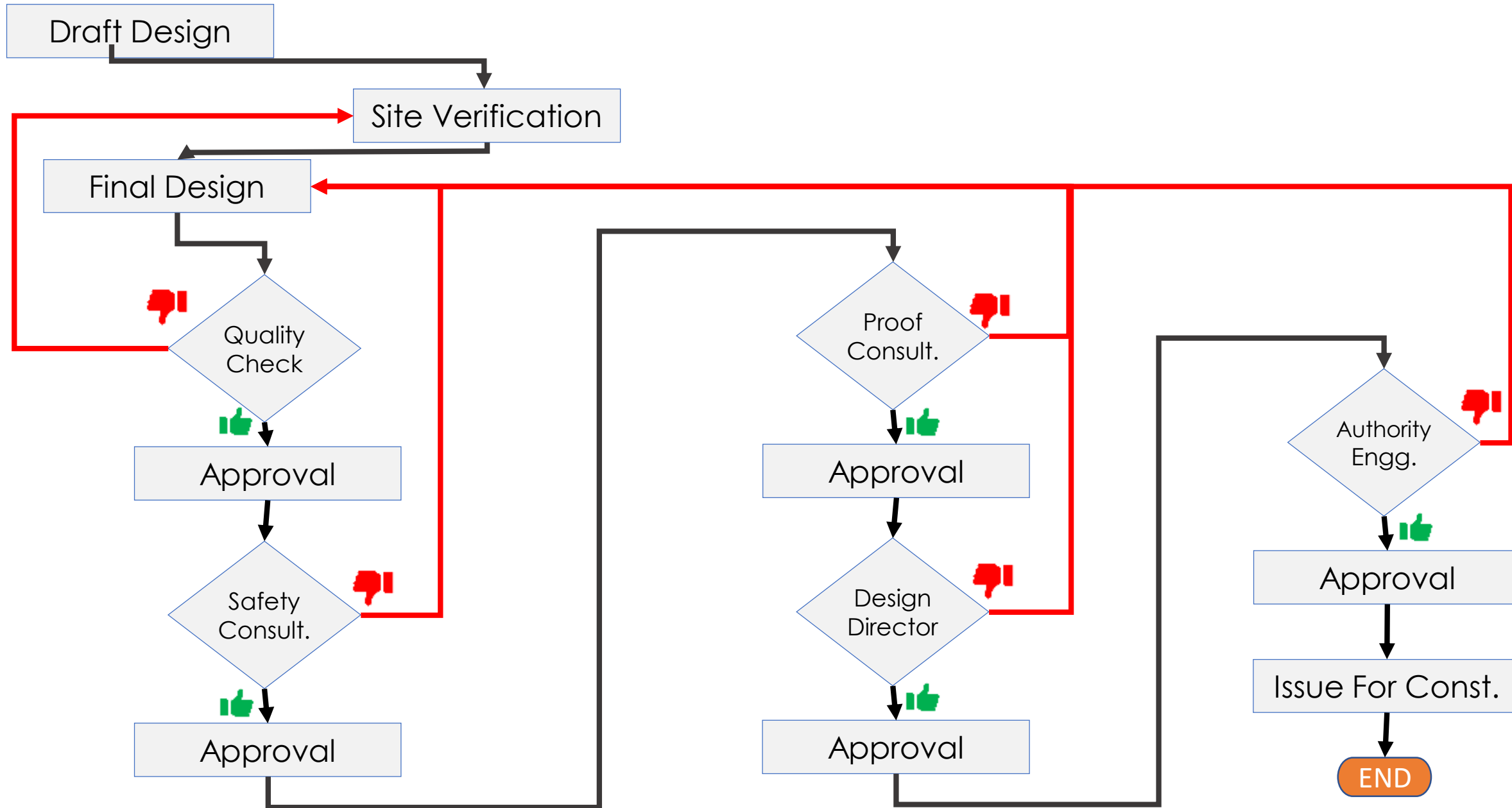
Project Short Name	Project Type	Project Type	Year	Client	Location	Status	Lanes	Length
Nerchowk - Pandoh	EPC	Detailed Designs	2017	KMC	Himachal Pradesh	Completed	4 lane	26
Machilipatnam - Avanigadda	EPC	Detailed Designs	2018	Sudhharma	Andhra Pradesh	Completed	2 lane	40
Pasarlapudi - Dindi	EPC	Detailed Designs	2018	Sudhharma	Andhra Pradesh	Completed	2 lane	21
Nerchowk - Pandoh Tunnels	EPC	Detailed Designs	2018	3TI	Himachal Pradesh	Completed	4 lane	26
Kandi - Ramasanpalli	EPC	Detailed Designs	2018	GKC	Telangana	Completed	4 lane	40
Hyd HRR to Medak	EPC	Detailed Designs	2018	SLMI	Telangana	Completed	4 lane	63
Kozhikode bypass	EPC	Detailed Designs	2018	INKEL - KMC	Kerala	Completed	6 lane	28
Birmitrapur - Brahmani	EPC	Detailed Designs	2018	GKC	Odisha	Completed	4 lane	NA
Dindigul Natham	EPC	Detailed Designs	2019	ALR	Tamil Nadu	Completed	2 lane	38
Aurangabad - Sillod	EPC	Detailed Designs	2019	Rithwik	Maharashtra	Completed	4 lane	61
Sillod - Fardapur	EPC	Detailed Designs	2019	Rithwik	Maharashtra	Closed	4 lane	39
Fardapur - Jalagaon	EPC	Detailed Designs	2019	Rithwik	Maharashtra	Closed	4 lane	48
Nagpur - Mumbai Expressway Pkg 15	EPC	Detailed Designs	2019	NEC	Maharashtra	Completed	6 lane	28
Nagpur - Mumbai Expressway Pkg 16	EPC	Detailed Designs	2019	NEC	Maharashtra	Completed	6 lane	37
Jintur Parbhani	EPC	Detailed Designs	2017	Rithwik	Maharashtra	Completed	2 lane	38
Shirod Shahpur Vasmath	EPC	Detailed Designs	2017	Rithwik	Maharashtra	Completed	2 lane	22
Sironcha Major Bridge	EPC	Detailed Designs	2019	Vasishta Projects	TS MH Border	Completed	2 lane	1
Amravati – Chikhli NH-6 Package 4	HAM	Detailed Designs	2020	Kalyan Tollways	Maharashtra	Completed	4 lane	45
Amravati – Chikhli NH-6 Package 1	HAM	Detailed Designs	2020	Raj Path Infra	Maharashtra	Ongoing	4 lane	54
Vijayawada bypass Package 4	HAM	Detailed Designs	2020	NEC	Andhra Pradesh	Ongoing	4 lane	18
Gopalganj - Bettiah	EPC	Detailed Designs	2020	Vasishta	Bihar	Completed	2 lane	10
Edoor - Palathumkadav	EPC	Detailed Designs	2020	RDS	Kerala	Ongoing	2 lane	25
Kumbla - Mulleria	EPC	Detailed Designs	2020	RDS	Kerala	Ongoing	2 lane	29
Development of Model Towns, Pulivendula	DPR	Detailed Designs	2021	APURBAN	Andhra Pradesh	Completed	2 lane	42
Nakrekal - Sagar	EPC	Detailed Designs	2021	SLMI	Telangana	Ongoing	2 lane	85
Azhiyur	HAM	Detailed Designs	2021	Adani	Kerala	Ongoing	6 lane	41
Thaliparamba	HAM	Detailed Designs	2021	VSE	Kerala	Ongoing	6 lane	30
REPL Toll Plaza	BOT	Detailed Designs	2021	REPL (Peak Infra)	Andhra Pradesh	Ongoing	Toll Plaza	

PROJECT DETAILS (Prebid Assistance)

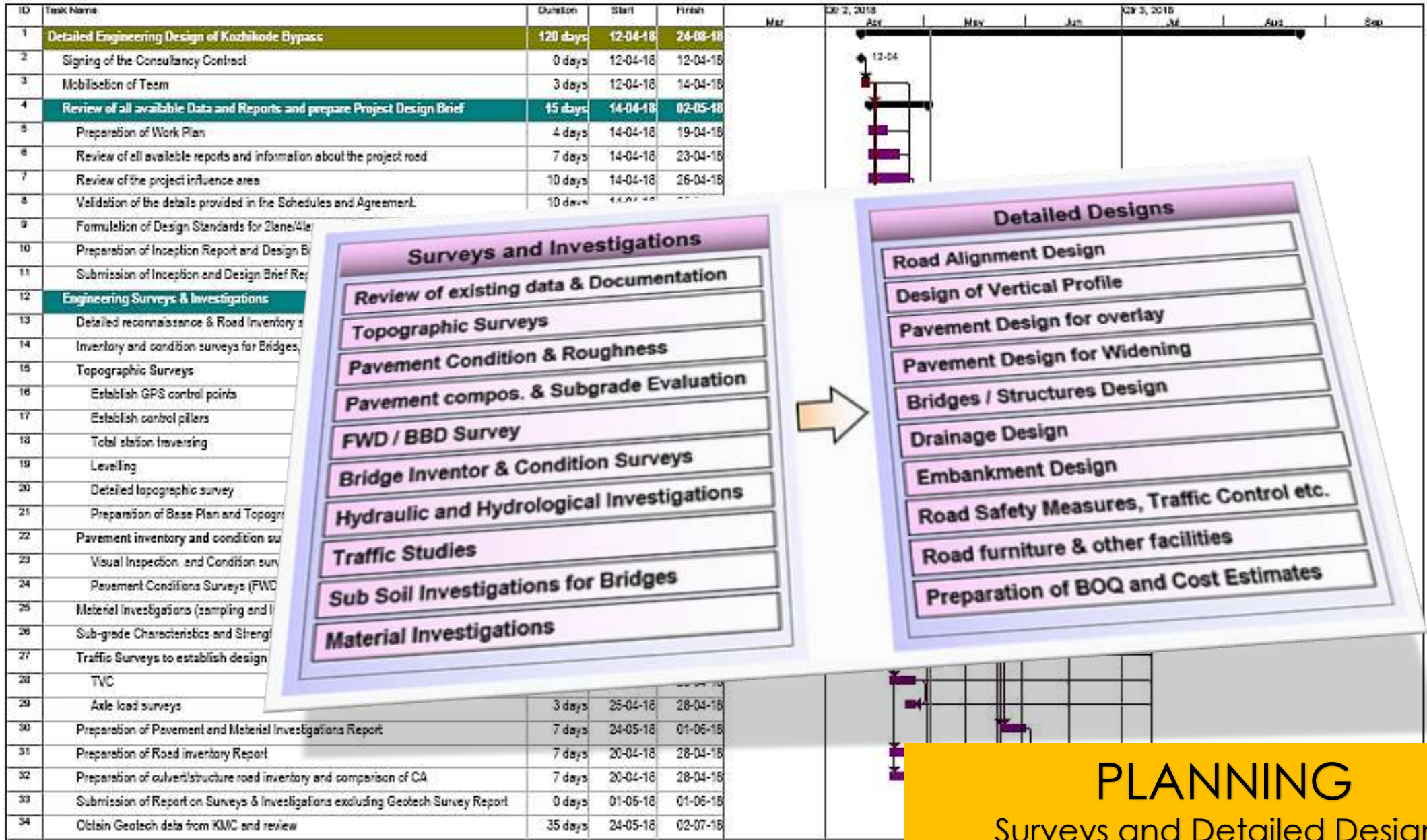
Project Short Name	Project Type	Project Type	Year	Client	Location	Status	Lanes	Length
Narsipatnam - Ranastalam	EPC	Pre Bid Assistance	2018	Essel Infra	Andhra Pradesh	Completed	6 lane	54
Vizag Port Connectivity	HAM	Pre Bid Assistance	2018	BVSR	Andhra Pradesh	Completed	6 lane	13
Raipur Bypass	EPC	Pre Bid Assistance	2018	Essel Infra	Chattisgarh	Completed	6 lane	45
Vadipatti - Chittampatti	EPC	Pre Bid Assistance	2018	TATA Projects	Tamil Nadu	Completed	4 lane	30
Paloli Palem Bridge	EPC	Pre Bid Assistance	2019	Seguro	Kerala	Completed	4 lane	2
Kagal - Satara	BOT	Pre Bid Assistance	2019	IJM	Maharashtra	Completed	6 lane	133
Tada - Nellore	EPC	Pre Bid Assistance	2019	SRR	Andhra Pradesh	Completed	4 lane	4
Delhi - Vadodara Package 30 and 31	EPC	Pre Bid Assistance	2019	Gayatri	Gujarat	Completed	6 lane	19
Amritsar - Jamnagar Package 3 and 4	EPC	Pre Bid Assistance	2019	Gayatri	Gujarat	Completed	6 lane	63
Vijayawada bypass Package 3	HAM	Pre Bid Assistance	2019	Gayatri	Andhra Pradesh	Completed	4 lane	30
BUGGA - KAIPA	EPC	Pre Bid Assistance	2018	Rithwik	Andhra Pradesh	Completed	2 lane	57
Aurad - Bidar	EPC	Pre Bid Assistance	2020	SLMI	Karnataka	Completed	2 lane	46
Bidar-Humnabad	EPC	Pre Bid Assistance	2020	SLMI	Karnataka	Completed	4 lane	47
Nakrekal - NagarjunaSagar	EPC	Pre Bid Assistance	2020	SLMI	Telangana	Completed	2 lane	85
Prebid BCE Ph II Pkg III	HAM	Pre Bid Assistance	2020	Adani	Andhra Pradesh	Completed	4 lane	29
Prebid Ramanattukara-Kappirikkad	HAM	Pre Bid Assistance	2020	Adani	Kerala	Completed	6 lane	40
Prebid Valanchery-Kappirikkad	HAM	Pre Bid Assistance	2020	Adani	Kerala	Completed	6 lane	37
Prebid Nanded-Akola	EPC	Pre Bid Assistance	2020	SLMI	Maharashtra	Completed	4 lane	40
Prebid Bodhre - Dhule	HAM	Pre Bid Assistance	2020	Adani	Maharashtra	Completed	4 lane	67
Prebid Chittoor - Thatchur	HAM	Pre Bid Assistance	2020	Adani	Andhra Pradesh	Completed	6 lane	44
Prebid BCE_3-2	HAM	Pre Bid Assistance	2020	Adani	Tamil Nadu	Completed	4 lane	25
Prebid BCE_1-3	HAM	Pre Bid Assistance	2020	Adani	Karnataka	Completed	4 lane	18
Prebid BCE_2-1	HAM	Pre Bid Assistance	2020	Adani	Karnataka	Completed	4 lane	25
Prebid BCE_2-2	HAM	Pre Bid Assistance	2020	Adani	Andhra Pradesh	Completed	4 lane	31
Prebid BCE_3-4	HAM	Pre Bid Assistance	2021	Adani	Tamil Nadu	Ongoing	4 lane	32
Goa Prebid	EPC	Pre Bid Assistance	2021	VSE	Goa	Completed	6 lane	7
LB Nagar Prebid	EPC	Pre Bid Assistance	2021	SLMI	Telangana	Completed	6 lane	25
Uppal Prebid	EPC	Pre Bid Assistance	2021	SLMI	Telangana	Completed	6 lane	4

DETAILED DESIGN PROCESS

Druta Designs Presentation



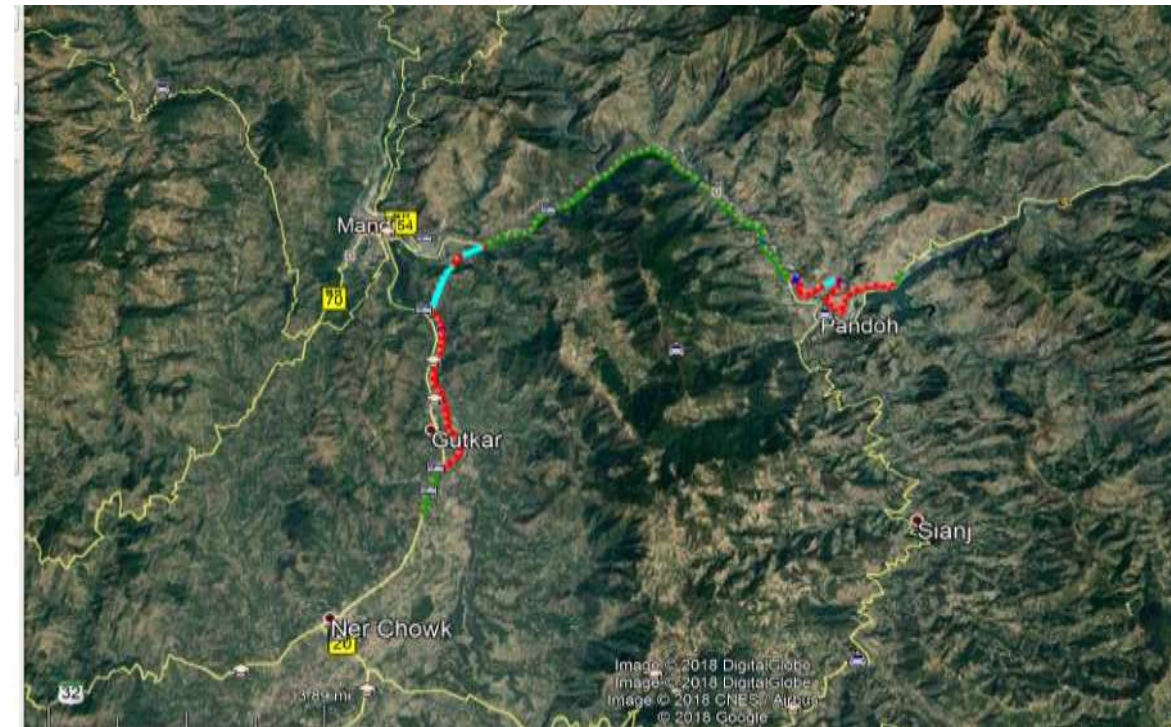
CALICUT BYPASS - CEPL



PLANNING
Surveys and Detailed Designs

NER CHOWK – PANDOH (HIMACHAL PRADESH)

- * Four laning of Ner Chowk – Pandoh including Pandoh Bypass section of NH-21 (Package-I from Km 190.000 to Km 221.305) ; NHDP-IVB in the State of Himachal Pradesh on EPC Basis.
- * Authority: NHA
- * EPC Contractor: KMC Constructions Ltd
- * Project Cost: **873 Crore**
- * Construction Period – 30 Months
- * Design Length : 26.290Km (including Twin Tunnel- 3 nos- 2.283km in Bypsses
- * Bypasses 2 nos. -13.161km
- * Existing Alignment: 2Lane -13.129km



MACHILIPATNAM – AVANIGADDA (ANDHRA PRADESH)

Design Consultancy Services for Rehabilitation and up-gradation of Machilipatnam to Avanigadda section from Km 84/550 to Km 124/200 of NH-214A (New NH-216) to two lane with paved shoulder in the state of Andhra Pradesh under NHDP –IV Through Engineering, Procurement & Construction (EPC) basis.

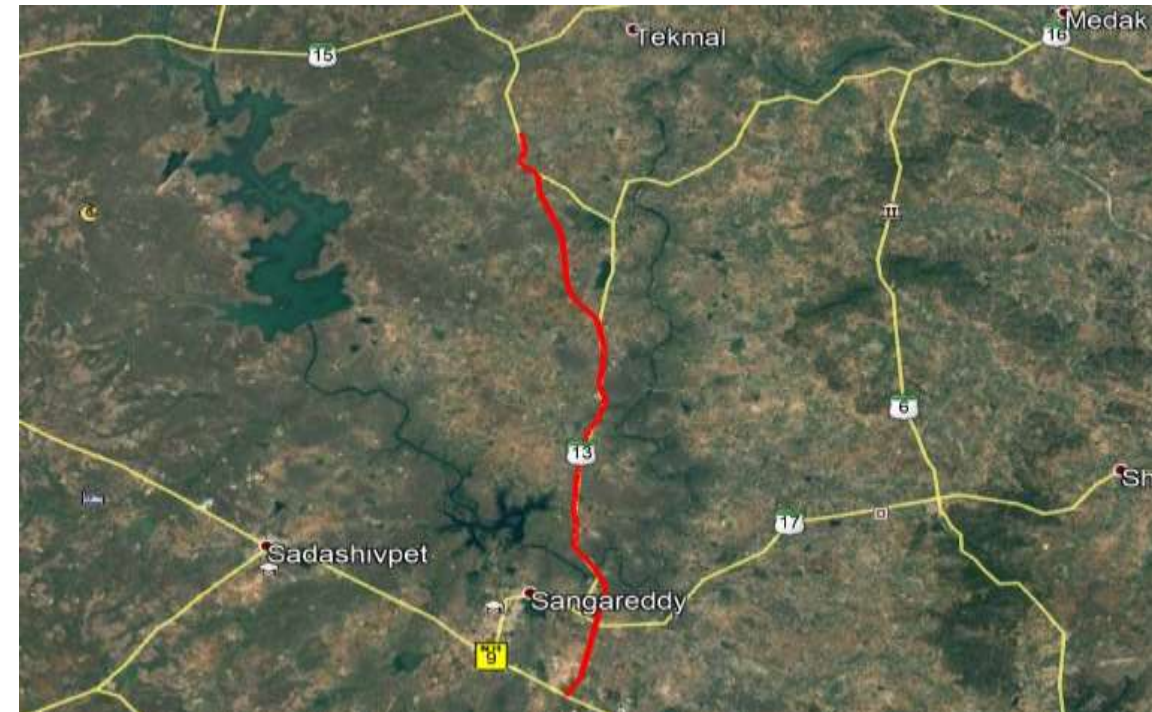
- * Authority: MoRTH
- * EPC Contractor: RVR-SIPL (JV),
- * Project Cost: **222** Crore
- * Construction Period – 24 Months
- * Design Length : 34.400Km
- * Bypasses 2 nos and Realignment. -16.670km
- * Existing Alignment: 2Lane -17.730.km



KANDI – RAMSANPALLE (TELANGANA)

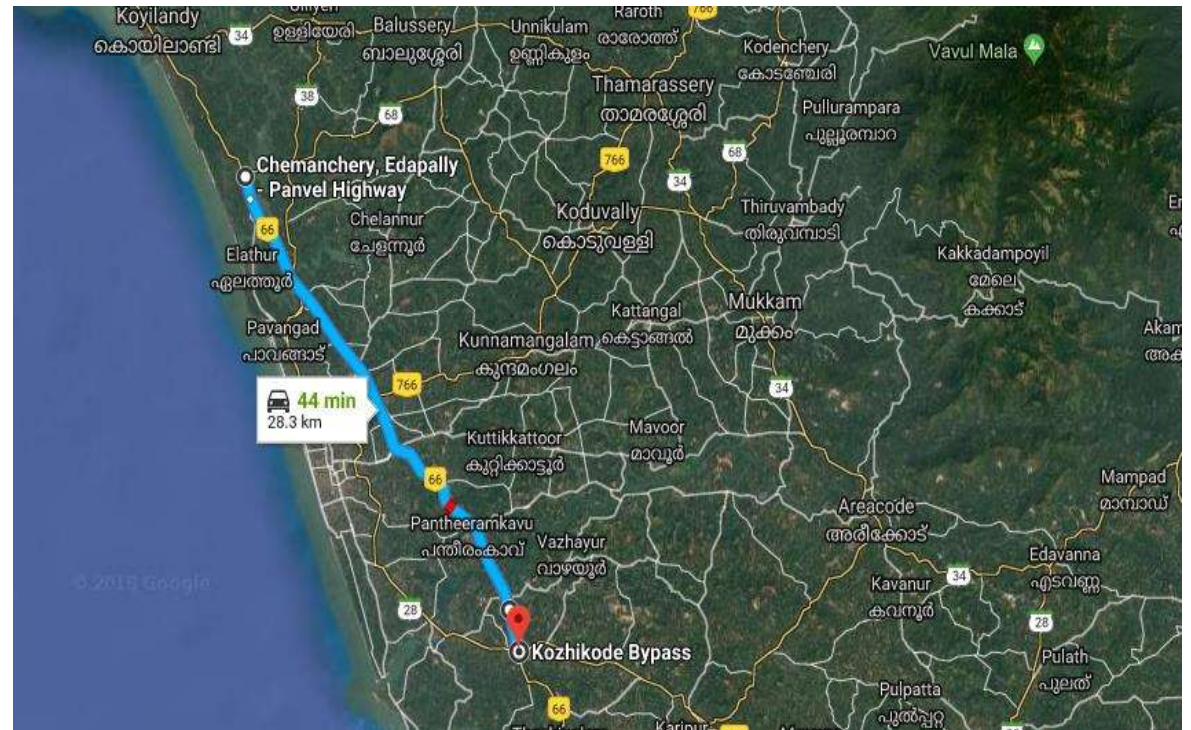
Design Consultancy Services for Four laning of NH-161 from Kandi (Existing Km 0.000 / Design Km 0.000) to Ramsanpalle (Existing Km 44.757 / Design Km 39.980) (Design Length = 39.980 Km) in the State of Telangana under Bharatmala Pariyojna through an Engineering, Procurement and Construction (EPC) Contract.

- * Authority: NHAI
- * EPC Contractor: GKC Projects Pvt.Ltd.
- * Project Cost: **544** Crore
- * Construction Period – 30 Months
- * Design Length : 39.980Km
- * Bypasses 2 nos. -19.200km
- * Existing Alignment: 2Lane -20.780km



CALICUT BYPASS (KERALA)

- * Design Consultancy Services for Six-Laning of Existing Kozhikode Bypass (Near Vengalam JN to Ramanattukara JN) Section of NH-66 from Km 230+400 (Existing Km 230+400) to Km 258+800 (Existing km 27+840 of NH-PWD) under NHDP Phase – III on Hybrid Annuity Mode in the state of Kerala.
- * Authority: NHA I
- * Concessionaire: Calicut Expressway Ltd.(KMC Constructions Ltd)
- * Project Cost: **1554** Crore
- * Construction Period – 30 Months
- * Design Length : 28.400Km
- * Bypasses /Realignment- Nil
- * Existing Alignment: 2Lane -28.400km



HYD ORR – MEDAK (TELANGANA)

Design Consultancy Services for Rehabilitation and Up-gradation of Hyderabad outer ring road to Medak Section of NH-765 D from existing Km 15.970 (Design Km. 0.000) to existing Km 78.700 (Design Km. 62.920) to Two Lane with paved shoulders / Four Lane in the State of Telangana on Engineering, Procurement & Construction (EPC) basis contract.

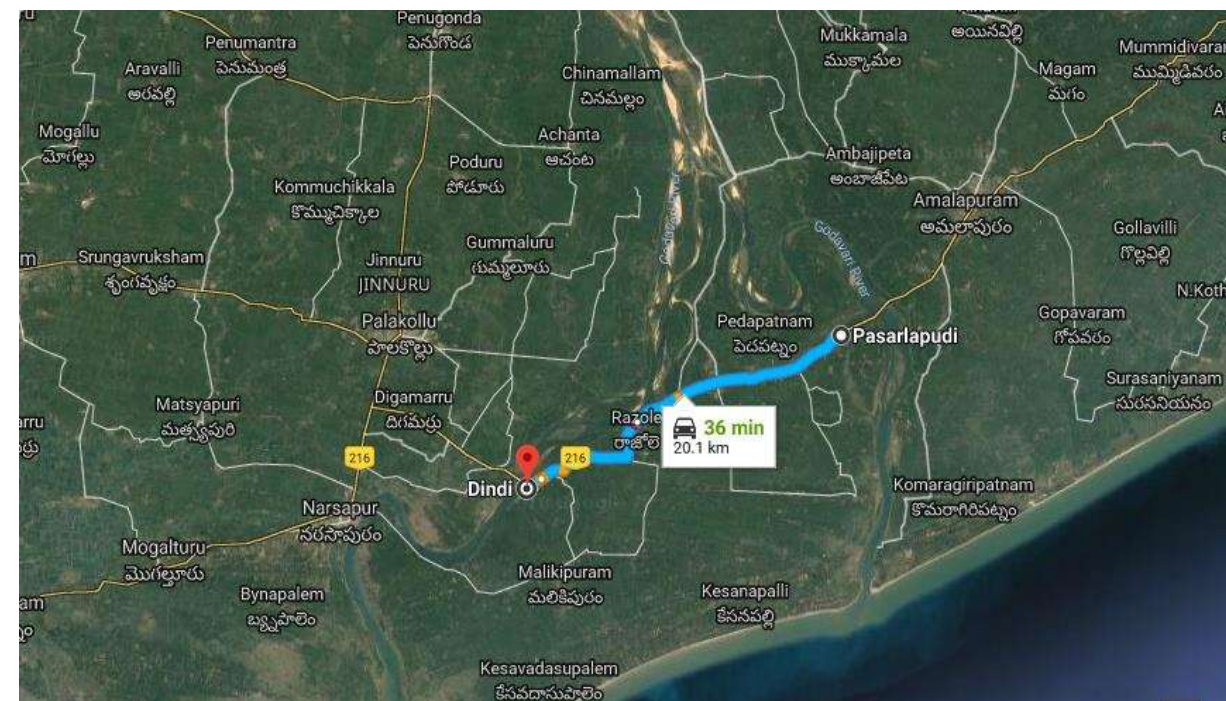
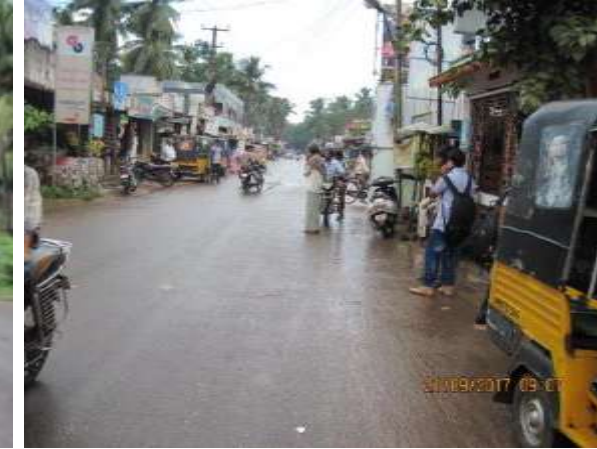
- * Authority: R&BD, Telangana/MoRTH
- * EPC Contractor: BSLMI (JV),
- * Project Cost: **322** Crore
- * Construction Period – 18 Months
- * Design Length : 62.920Km
- * Bypasses/Realignments : 2.210km
- * Existing Alignment: 2Lane – 60.710km



PASARLAPUDI – DINDI (ANDHRA PRADESH)

Design Consultancy Services for Rehabilitation & Upgradation of Pasarlapudi to Dhindi section from km.105+170 to km.126+510 of NH-214 (New NH-216) to two lane with paved shoulder in the state of Andhra Pradesh under NHDP-IV on EPC mode.

- * Authority: MORTH
- * EPC Contractor: SIPL- SVSMC (JV),
- * Project Cost: **126 Crore**
- * Construction Period – 24 Months
- * Design Length : 20.823Km
- * Bypasses/Realignments . -14.998.km
- * Existing Alignment: 2Lane -5.825 km

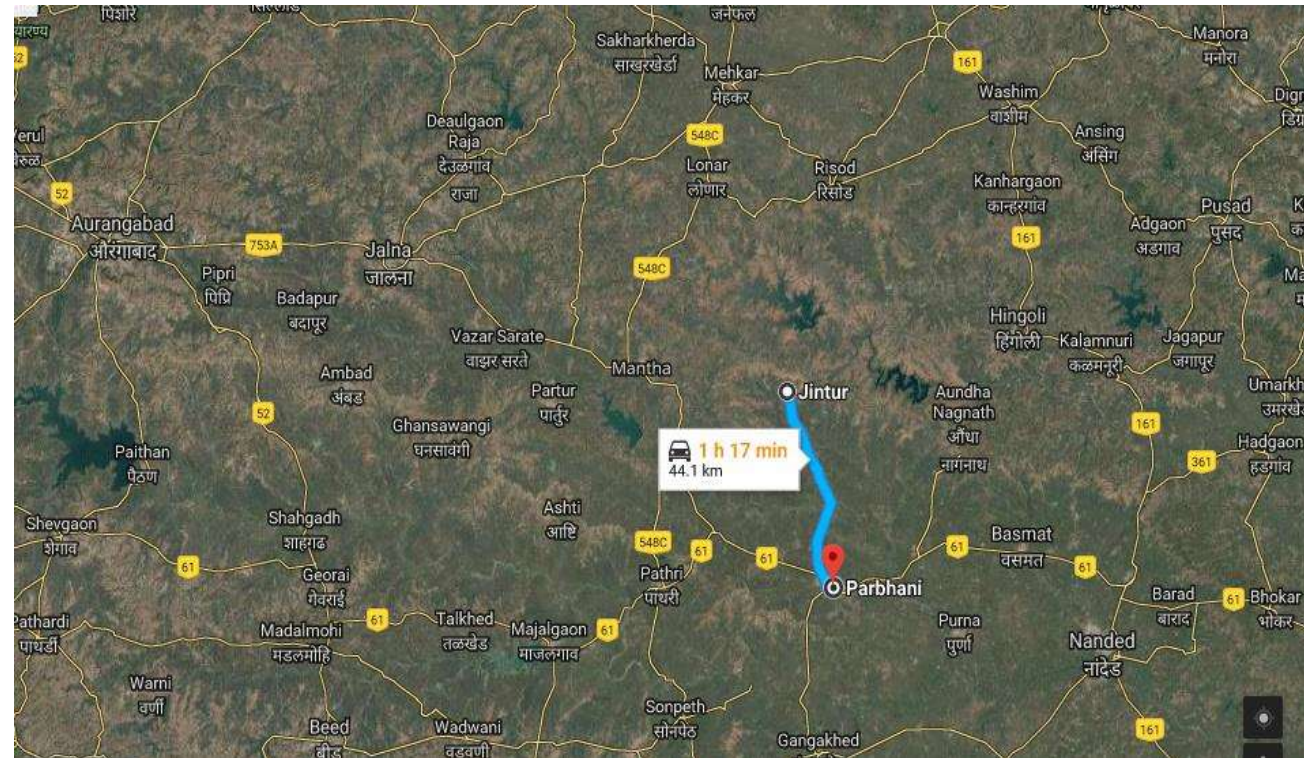


JINTUR – PARBHANI (MAHARASHTRA)

Design Consultancy Services for Rehabilitation and Upgradation of Jintur to Parbhani from Km. 47/000 to Km. 85/420 (Section II) of – Watur – Phata – Mantha – Jintur – Bori – Zari - Parbhani National Highway to two lane with paved shoulder in the state of Maharashtra on EPC mode



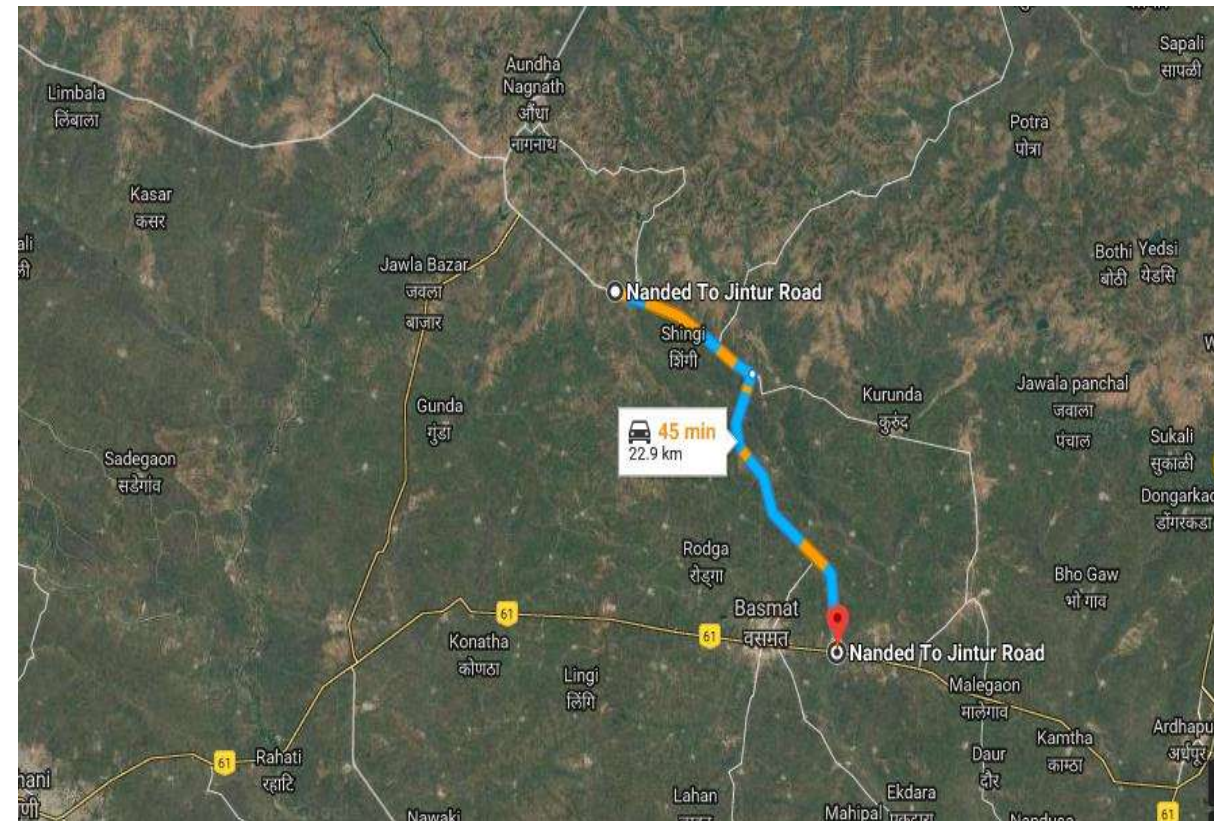
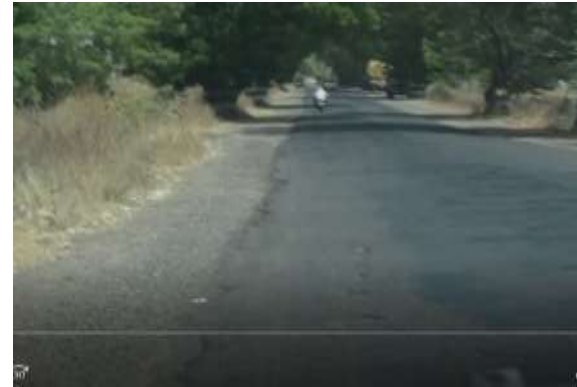
- * Authority: Maharashtra State Road Development Corporation Ltd. (MSRDC)
- * EPC Contractor: Ritwik Project Private Limited
- * Project Cost: **272** Crore
- * Construction Period – 24 Months
- * Design Length : 38.420Km
- * Bypasses/Realignment. 1.380
- * Existing Alignment: 2Lane -36.040 km



SHIROD SHAHPUR – VASMAT (MAHARASHTRA)

Design Consultancy Services for Rehabilitation and Upgradation of Shirod Shahpur - Vasmath Section from Km. 48/000 to Km. 70/430 (Section II) of Jintur – Aundha Nagnath – Shirod Shahpur – Vasmath – Nanded state highway to two lane with paved shoulder in the state of Maharashtra on EPC mode.

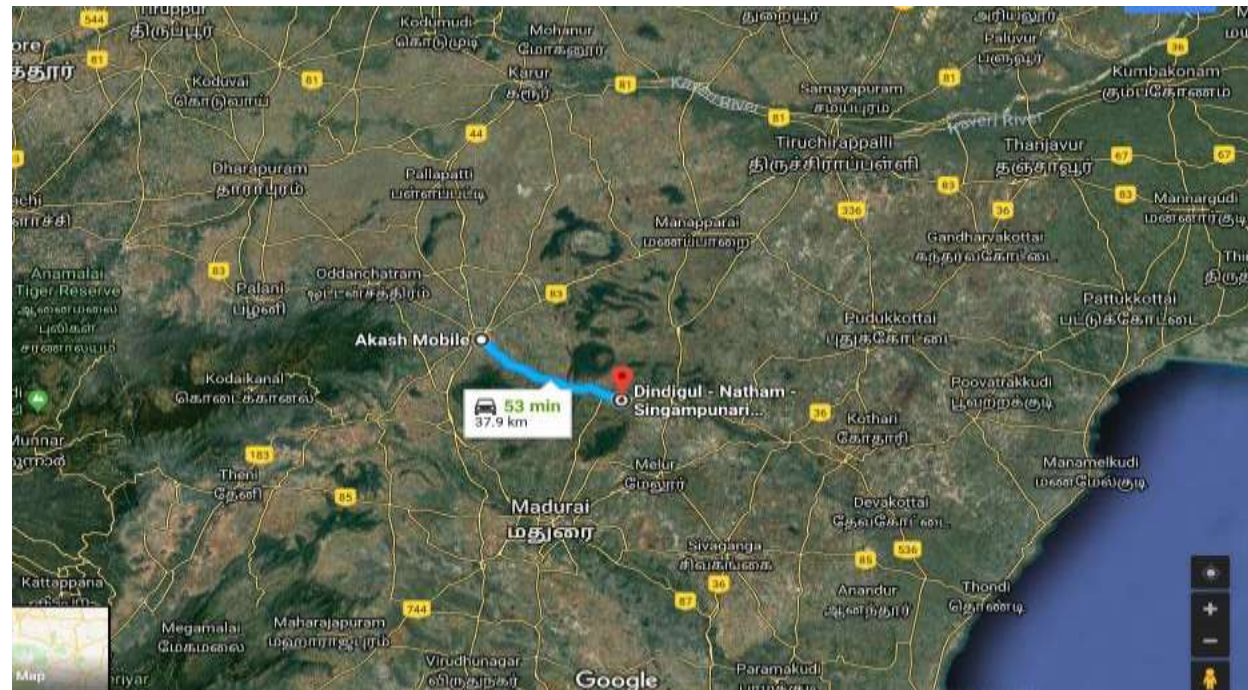
- * Authority: Maharashtra State Road Development Corporation Ltd. (MSRDC)
- * EPC Contractor: Ritwik Project Private Limited
- * Project Cost: **170** Crore
- * Construction Period – 24 Months
- * Design Length : 22.430Km
- * Bypasses/Realignment. 1.000
- * Existing Alignment: 2Lane -21.430 km



DINDIGUL – NATHAM ROAD (TAMIL NADU)

Design Consultancy Services for Detail Design of the project “Widening & Strengthening the existing 2-lane to 2-lane with paved shoulder from km 0/550-1/100, 5/700-21/070, 21/500- 34/200 & 34/870-38/000 and 4-lane from km 0/0-0/550, 1/100-1/760, 2/400-5/700, 21/070- 21/500, 34/200-34/870 and Strengthening from km 1/780-2/420 of NH383 (Dindigul- Natham Section) in the State of Tamil Nadu under EPC Mode.

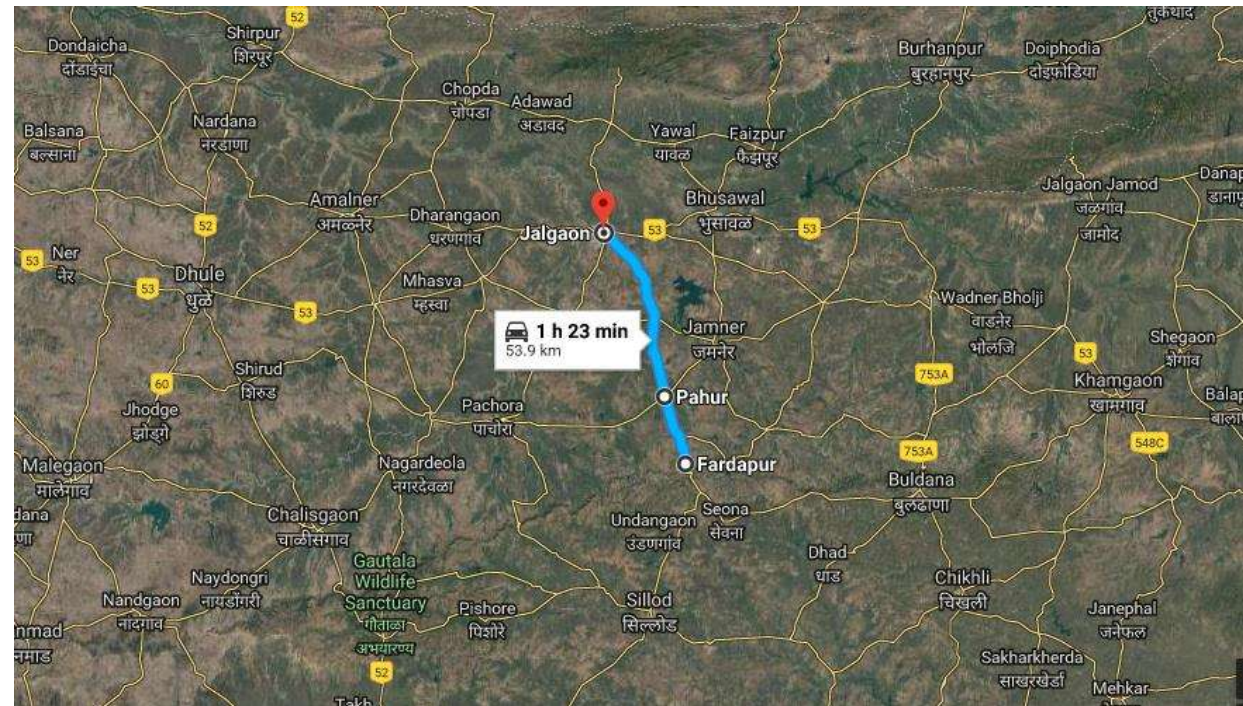
- * Authority: National Highway, Government of Tamil Nadu (MORTH Funded)
- * EPC Contractor: ALR Construction, Andipatti, Theni, Tamil Nadu.
- * Project Cost: **140.45** Crore
- * Construction Period – 18 Months
- * Design Length : 38.00Km
- * Bypasses/Realignment. 12.000 km
- * Existing Alignment: 2Lane -26.000 km



FARDAPUR – JALGAON ROAD

Design Consultancy Services for Detail Design of Structures and Miscellaneous Items of Project facilities for the project“ 4 laning of Fardapur- Pahur- Jalgaon from existing km 100+000 to km 147+840 [Design km.99+660 to km. 144+750] to Two lane with paved shoulders in the state of Maharashtra on Engineering, Procurement & Construction (EPC) Basis Contract .

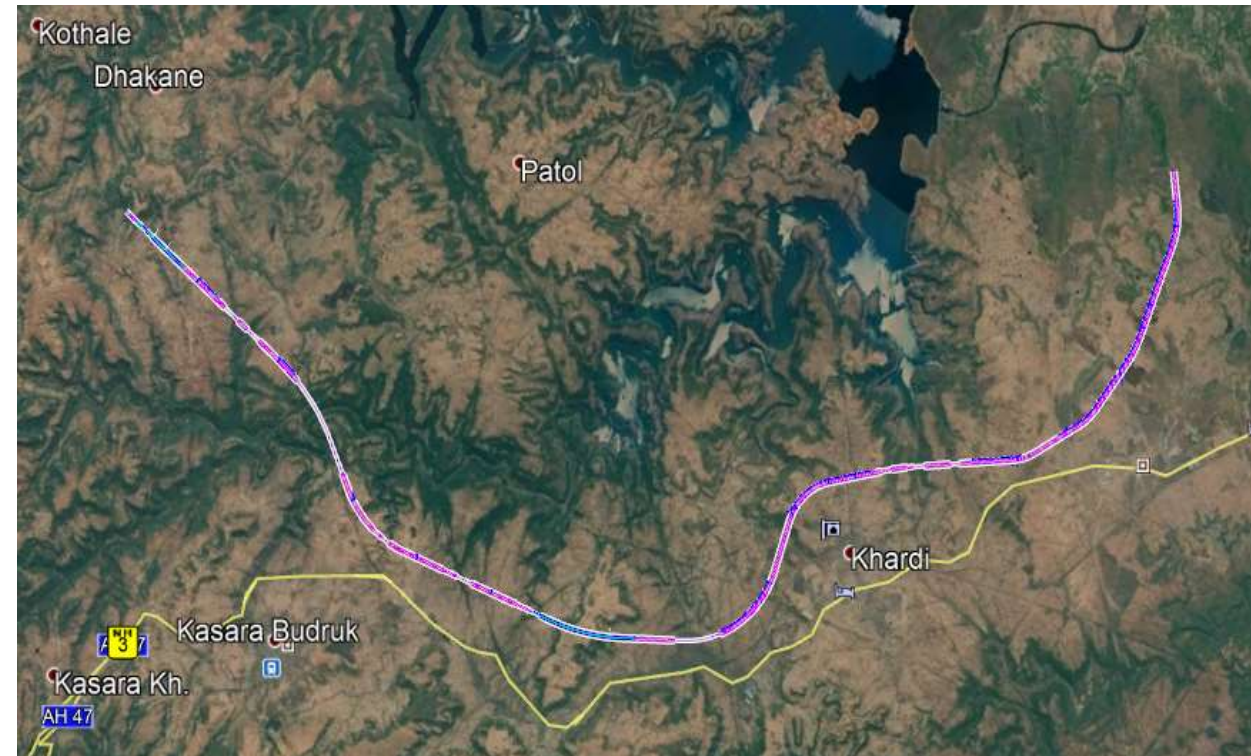
- * Authority: NH Division (PWD), Government of Maharashtra(MORTH Funded)
- * EPC Contractor: Ritwik Project Private Limited, Hyderabad.
- * Estimated Project Cost: **367.31** Crore
- * Construction Period – 24 Months
- * Design Length : 45.11Km
- * Bypasses/Realignment. 0.5km
- * Existing Alignment: 2Lane -44.61 km



NAGPUR – MUMBAI EXPRESSWAY – PACKAGE 15

Design Consultancy Services for Detailed Detail Design of the project “6 lane Nagpur-Mumbai Super Communication Express way site Package 15 Ch km. 636.479 to Ch km. 664.479- Maharashtra”- EPC Mode.

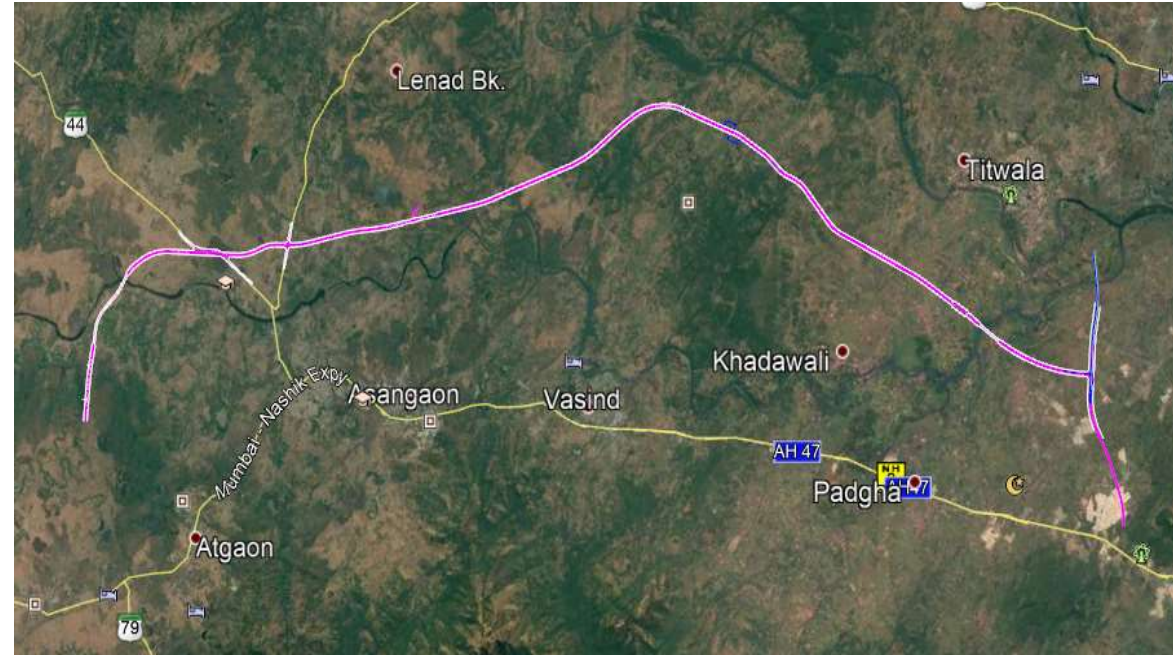
- * Authority: MSRDC, Government of Maharashtra (MSRDC Funded)
- * EPC Contractor: Navayuga Engineering Company Limited, Hyderabad.
- * Estimated Project Cost: **1694.58** Crore
- * Construction Period – 36 Months
- * Design Length : 28Km
- * Bypasses/Re/New alignment. 28km Green Field
- * Tunnel : 2 Nos. 1.337km



NAGPUR – MUMBAI EXPRESSWAY – PACKAGE 16

Design Consultancy Services for Detailed Detail Design of the project “6 lane Nagpur-Mumbai Super Communication Express way site Package 16 Ch km. 664.479 to Ch km. 701.479- Maharashtra”- EPC Mode.

- * Authority: MSRDC, Government of Maharashtra (MSRDC Funded)
- * EPC Contractor: Navayuga Engineering Company Limited, Hyderabad.
- * Estimated Project Cost: **2423.63 Crore**
- * Construction Period – 36 Months
- * Design Length : 37Km
- * Bypasses/Re/New alignment. 37km Green Field
- * Tunnel : 2 Nos. 1.353km



AMARAVATHI – CHIKLI (Package-1)

Balance Four Laning Work of Package-1 from km 166.000 (Amravati) to km 220.000 (Near Kurankhed) Section of Amravati – Chikhli NH-6 in the state of Maharashtra to be executed as Hybrid Annuity Project Under NHDP Phase IV

- * Authority : NHA
- * Concessionaire: Rajpath Infracon Pvt. Ltd
- * Estimated Project Cost: 663 Cr.
- * Construction Period: 24 months
- * Design Length : 54.0 Km
- * Re-alignment : 0.800 Km



AMARAVATHI – CHIKLI (Package-4)

Balance Four Laning Work of Package-4 from km 315.000 (Nandura) to km 360.000 (Chikli) Section of Amravati – Chikhli NH-6 in the state of Maharashtra to be executed as Hybrid Annuity Project Under NHDP Phase IV

- * Authority : NHA
- * Concessionaire: Kalyan Toll Infrastructure Ltd
- * Estimated Project Cost: 672 Cr.
- * Construction Period: 24 months
- * Design Length : 45.0 Km
- * Bypass / Re-alignment : 6.700 Km



VIJAYAWADA BYPASS (Package-4)

Construction of 6-lane Vijayawada Bypass from Gollapudi (Design Ch. 30+000) to Chinnakakani (Design Ch. 47+881) in Vijayawada- Gundugolanu section of NH 16 in the state of Andhra Pradesh on Hybrid Annuity Mode (Package-4).

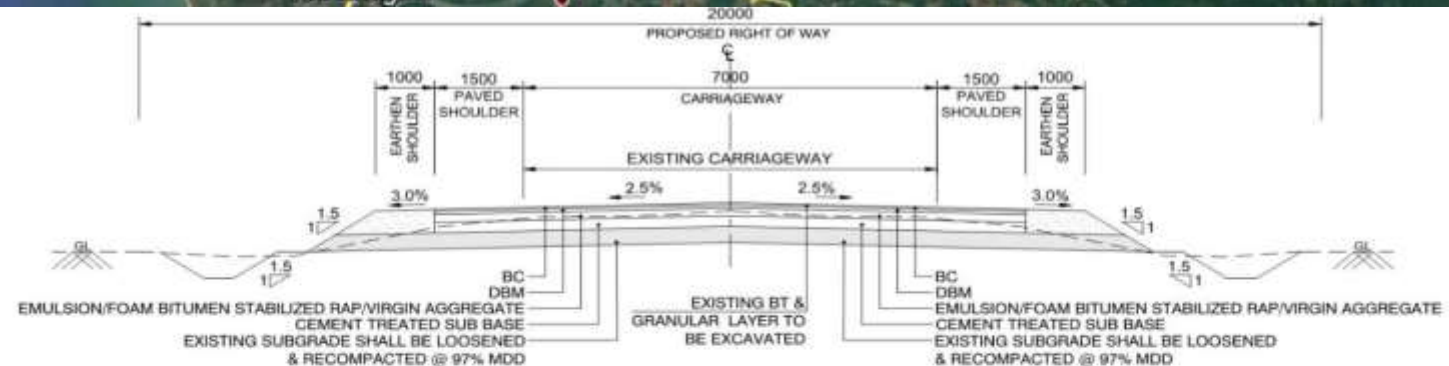
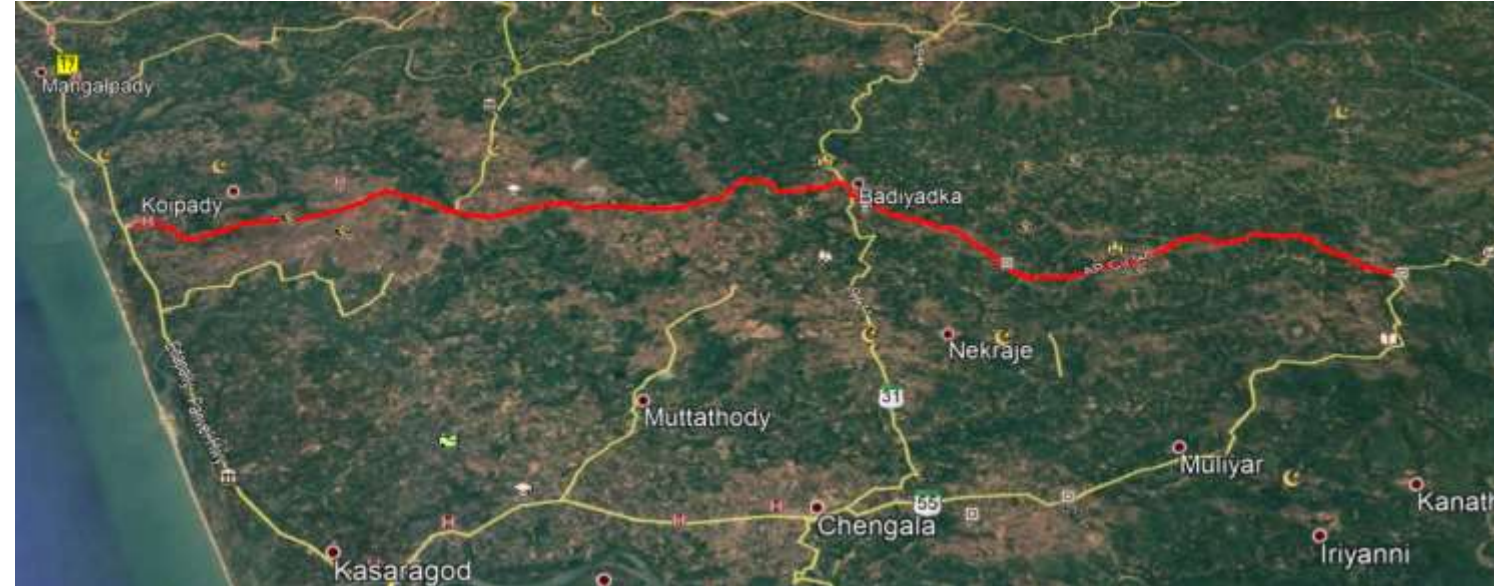
- * Authority : NHA
- * Concessionaire: Adani – Navayuga (JV)
- * Estimated Project Cost: 1425 Cr.
- * Construction Period: 36 months
- * Design Length : 17.881 Km
- * Bypass / Re-alignment : Complete Greenfield



KUMBLA – BADIADKA – MULLERIA

Upgrading Kumbala – Badiadka – Mulleria Road (design chainage KM. 0+000 TO 29+135) in KERALA

- * Authority: KSTP
- * Concessionaire: RDS Projects Ltd.
- * Estimated Project Cost: 158 Cr.
- * Construction Period: 24 months
- * Design Length : 30 Km
- * Bypass / Re-alignment : Nil



TYPE-1A : TYPICAL CROSS SECTION FOR TWO LANE WITH PAVED SHOULDER RECONSTRUCTION IN RURAL SECTION WITH BOTH SIDE NORMAL GROUND LEVEL UPTO 1.5M

AZHIYUR – VENGALAM

Six Laning of Azhiyur to Vengalam section of NH-17 (New NH-66) from Des.Ch. 189+200 (Ex. km 188+000) to Des. Ch. 232+100 (Ex. km 230+400) [except 6 laning of Paloli to Moorad section from Des. Ch. 203+000 (Ex. km 201+590) to Des.Ch. 205+100 (Ex. km 203+900)] in the State of Kerala on Hybrid Annuity Mode under Bharatmala

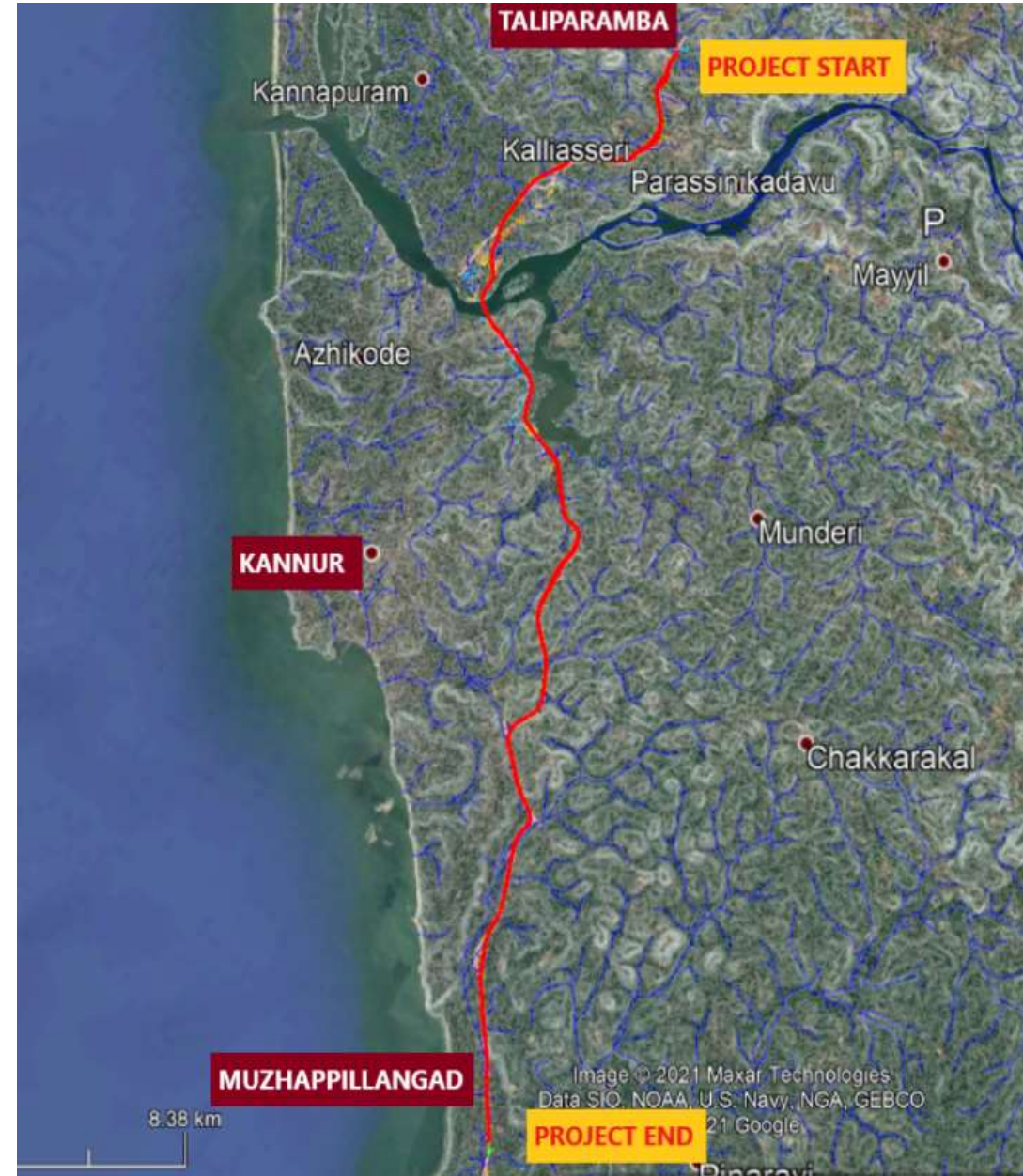
- * Authority: NHAI
- * Concessionaire: Adani Road Transport Ltd
- * Estimated Project Cost: 1838 Cr.
- * Construction Period: 30 months
- * Design Length : 41 km
- * Bypass / Re-alignment : 11 km



THALIPARAMBA – MUZHAPPILANGAD

Six Laning of Thaliparamba to Muzhapilangad section of NH-17 (New NH-66) from Ch. 134+650 (existing km 137+900) to Ch. 164+958 (existing Km 170+600) in the State of Kerala on Hybrid annuity Mode under Bharatmala Pariyojna

- * Authority: NHAI
- * Concessionaire: Vishwa Samudra Kannur Expressways Pvt Ltd
- * Estimated Project Cost: 2000 Cr.
- * Construction Period: 30 months
- * Design Length : 30 km
- * Bypass / Re-alignment : 13 km



RESOURCES

S. No.	Discipline	Exp (Years)	S. No.	Discipline	Exp (Years)
Highway Design Team:			Project Management Team:		
1	Chief Designer	27	19	Head- Project Management	40
2	Survey Engineer	25	20	Managing Director	27
3	CADD Manager	19	21	COO	26
4	Sr. CAD Draughtsman	10	22	Sr. Material Engineer	26
5	Asst. Highway Design Engineer	3	23	Director	20
6	Asst. Highway cum Pavement Engineer	3	24	Sr. Highway Engineer	19
7	Highway Design Engineer	2	25	Sr. Quantity Surveyor	19
8	Highway Design Engineer	2	26	Head- Business Development	19
9	Junior Engineer	2	27	Project Manager	15
10	Asst. Highway Design Engineer	1	28	Sr. Quantity Surveyor	12
Bridge Design Team:			29	Panning Engineer	11
11	Project Manager	27	30	Project Engineer	8
12	Sr. Bridge Design Engineer	23	31	Sr. Accountant	5
13	Asst. Bridge Design Engineer	3	32	Planning Engineer	3
14	Asst. Bridge Design Engineer	3	33	Project Coordinator	1
15	Bridge Design Engineer	2	34	GET	
16	Asst. Bridge Design Engineer	1			
17	Asst. Bridge Design Engineer	1			
18	Asst. Bridge Design Engineer	1			
Can mobilise additional resources depending on the Project Requirements					

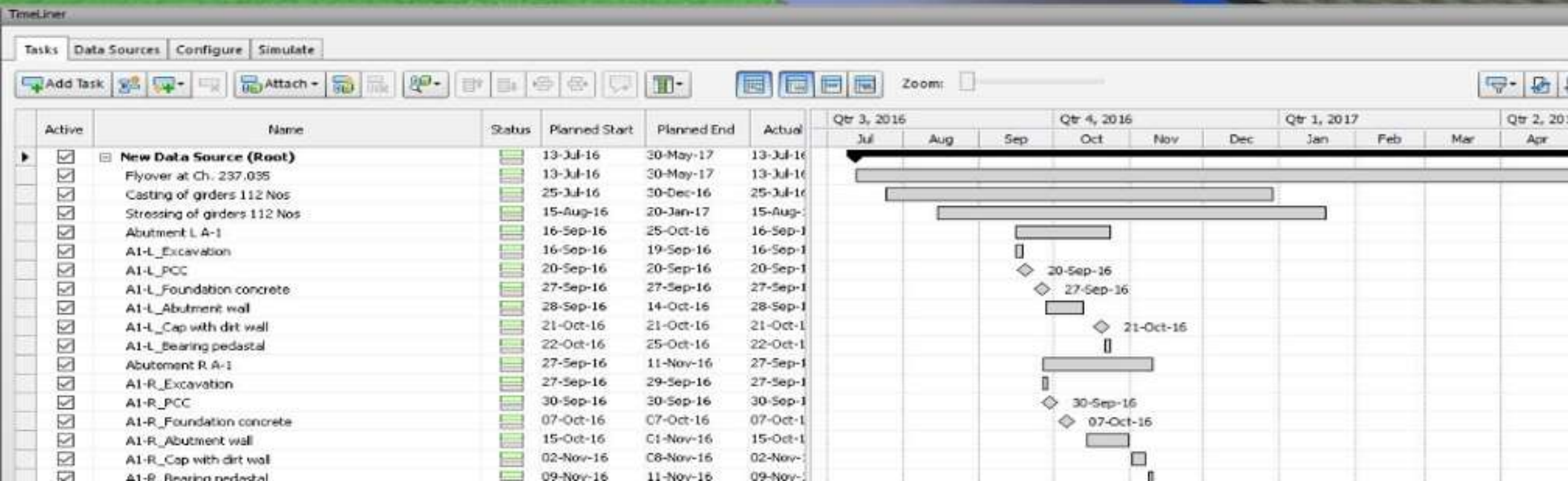
RESOURCES

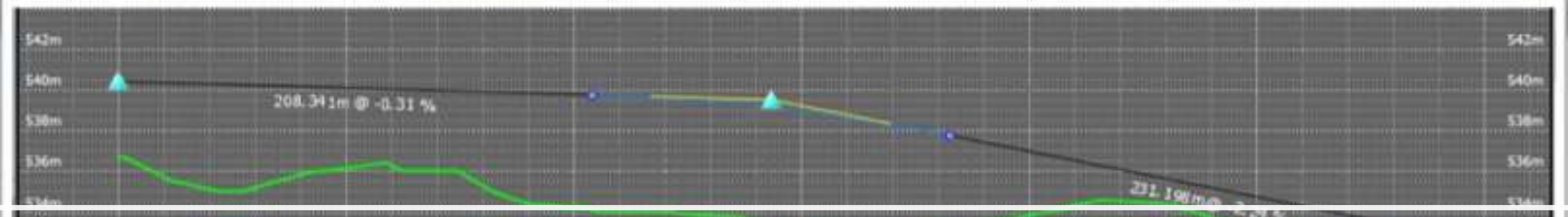
S. No.	Supplier	Software	Usage	Version	No. of Licenses
Design Management (Highways & Bridges):					
1	Autodesk	Civil 3D	Highway Design	2020	4
2	Autodesk	Infraworks	Highway Conceptual design and 3D modelling	2020	2
3	Autodesk	Revit	Structure 3D Modelling	2020	2
4	Autodesk	AutoCAD	Draughting	2020	4
5	ZW Soft	ZW CAD	Draughting	2020	2
6	Bently	STAAD Pro	Structure Design and Analysis	2019	3
7	Midas IT	MIDAS Civil	Structure Design and Analysis	2020	4
8	Autodesk	Vehicle Tracking	Swept Path Analysis	2020	2
9	Autodesk	3Ds Max	Presentation	2020	2
10	Definitics Software Solutions, USA	Road Bounce	Ride Quality Management Software (IRI)	1.0.2	1
11	Logiroads, France	Logiroads	Road Inventory & Condition (Mobile App)	V 3.3	1
12	Logiroads, France	Logiroads	Road Inventory & Condition (Desktop Software)	V 3.9.7	1
13	Rubicon Solutions	Rubicon	Cloud based Pavement Design Software	V 2.0	1
14	Windows	MS-Office		2019	1
Project Management:					
15	Udemy Inc.	Primavera Project Planner	Project Management		
16	Autodesk	Naviswork	Building Information Modelling	2020	2

TEAM

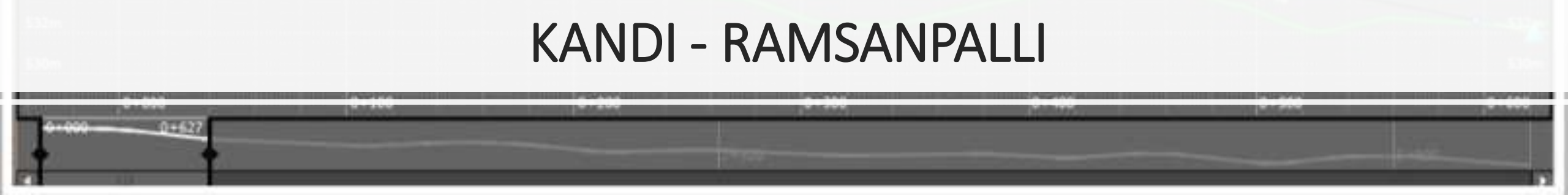


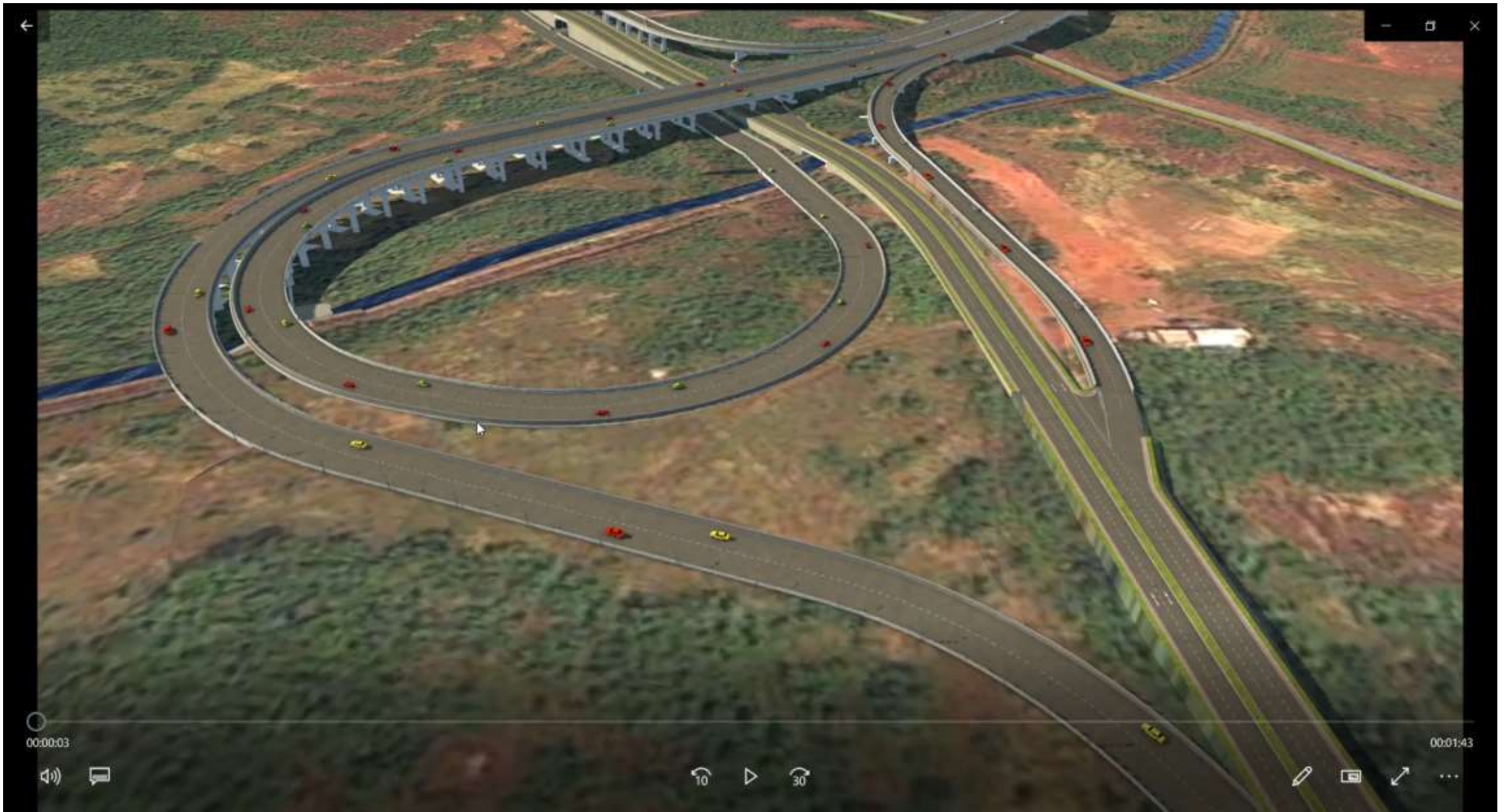
BUILDING INFORMATION MODELLING - TEL





KANDI - RAMSANPALLI





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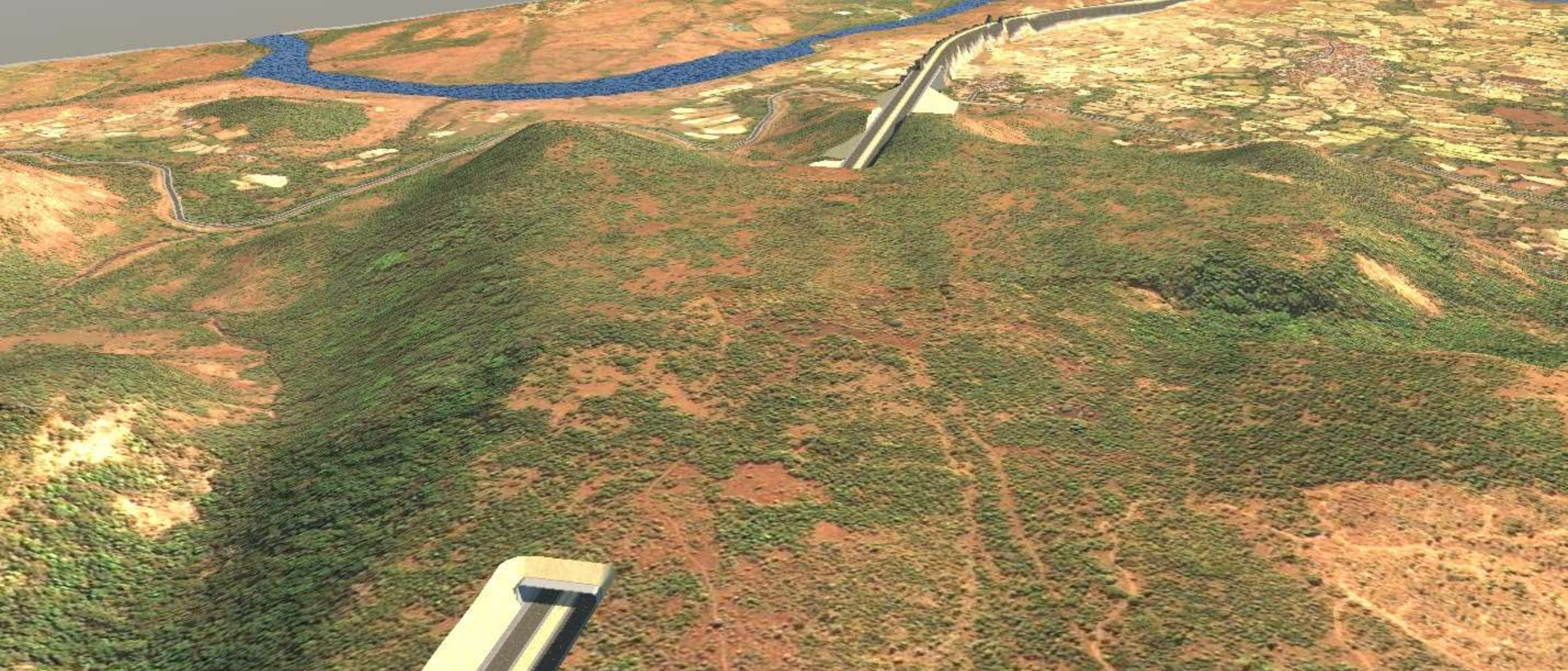




CONNECTIVITY
TO MOPA
AIRPORT



DURG – RAIPUR



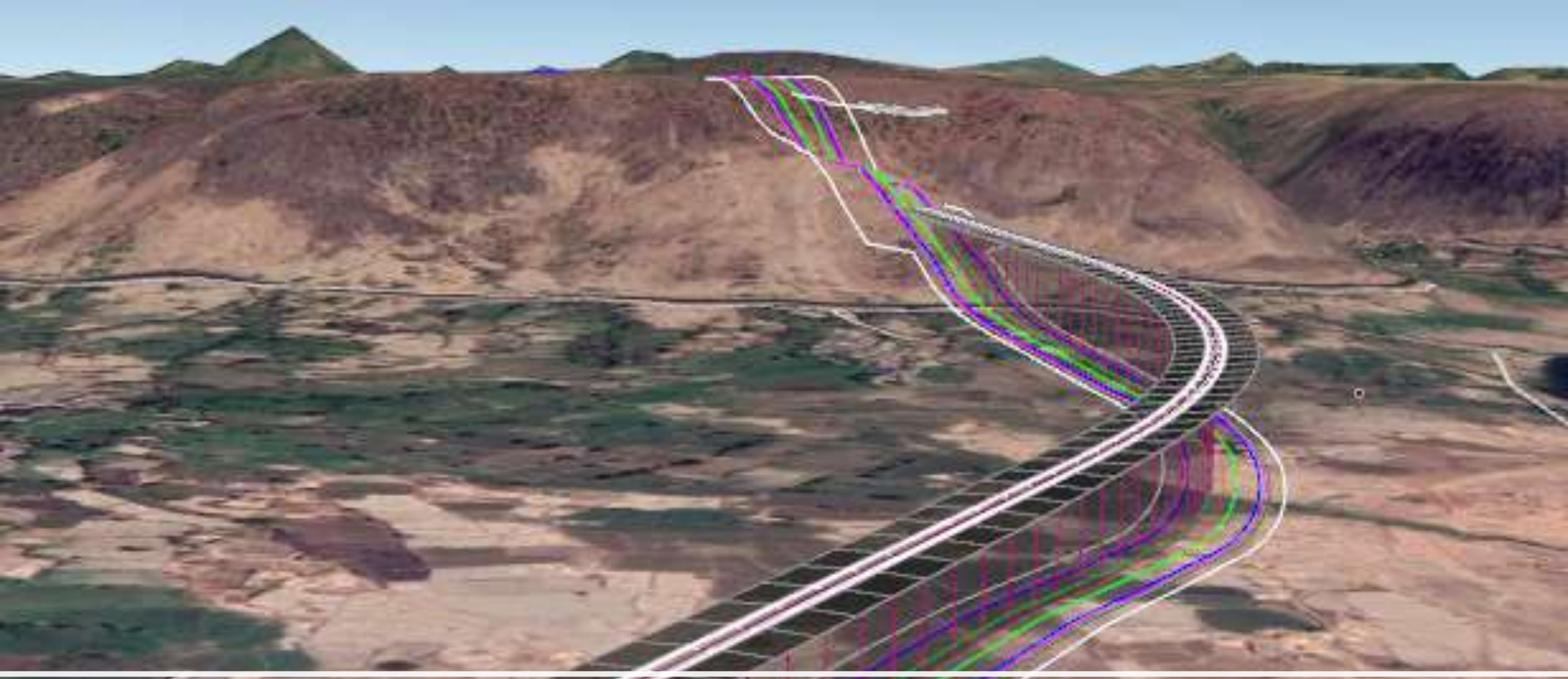
SAMRUDDHI MAHAMARG - MSRDC



SAMRUDDHI MAHAMARG - MSRDC

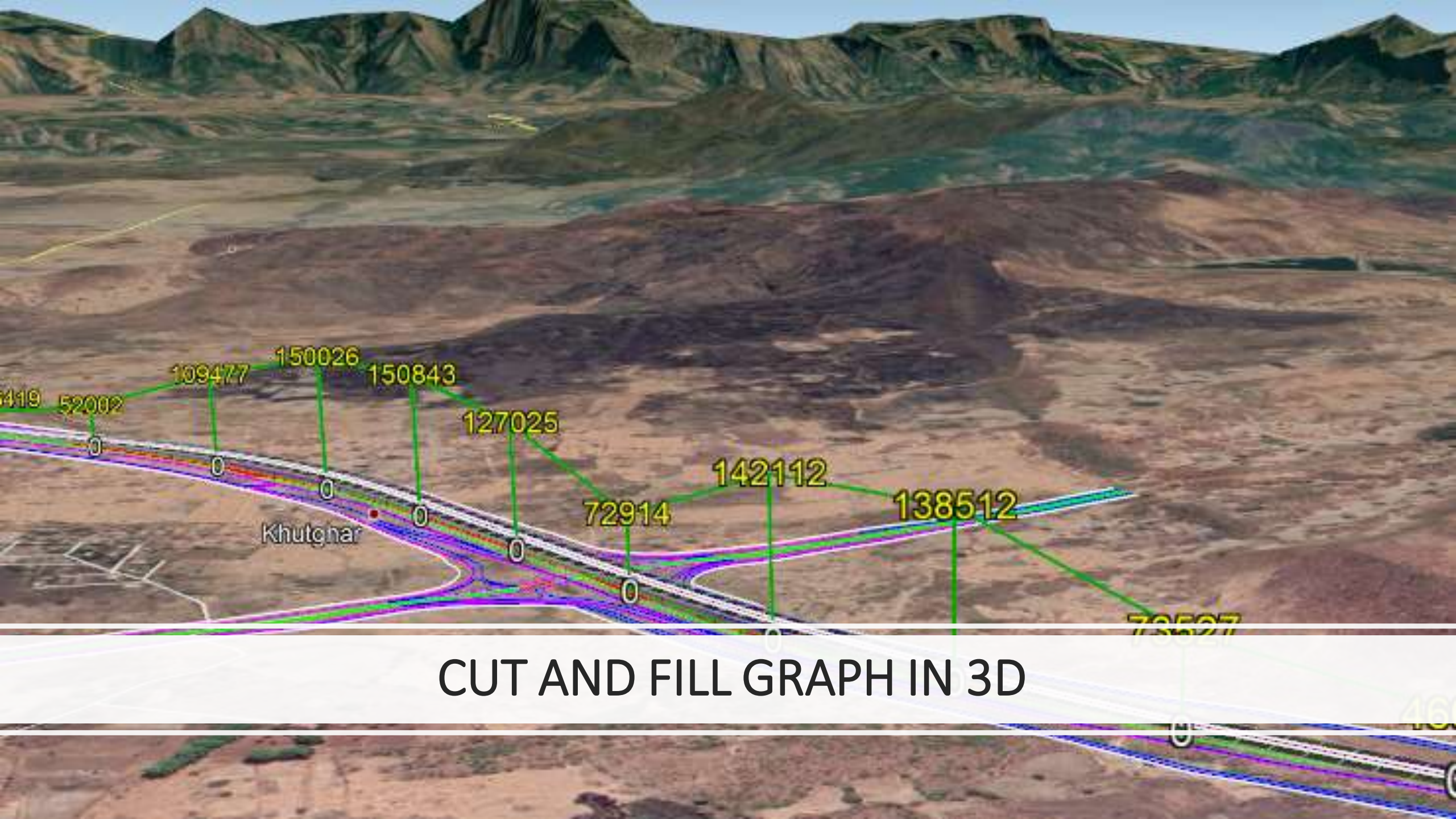


SAMRUDDHI MAHAMARG - MSRDC



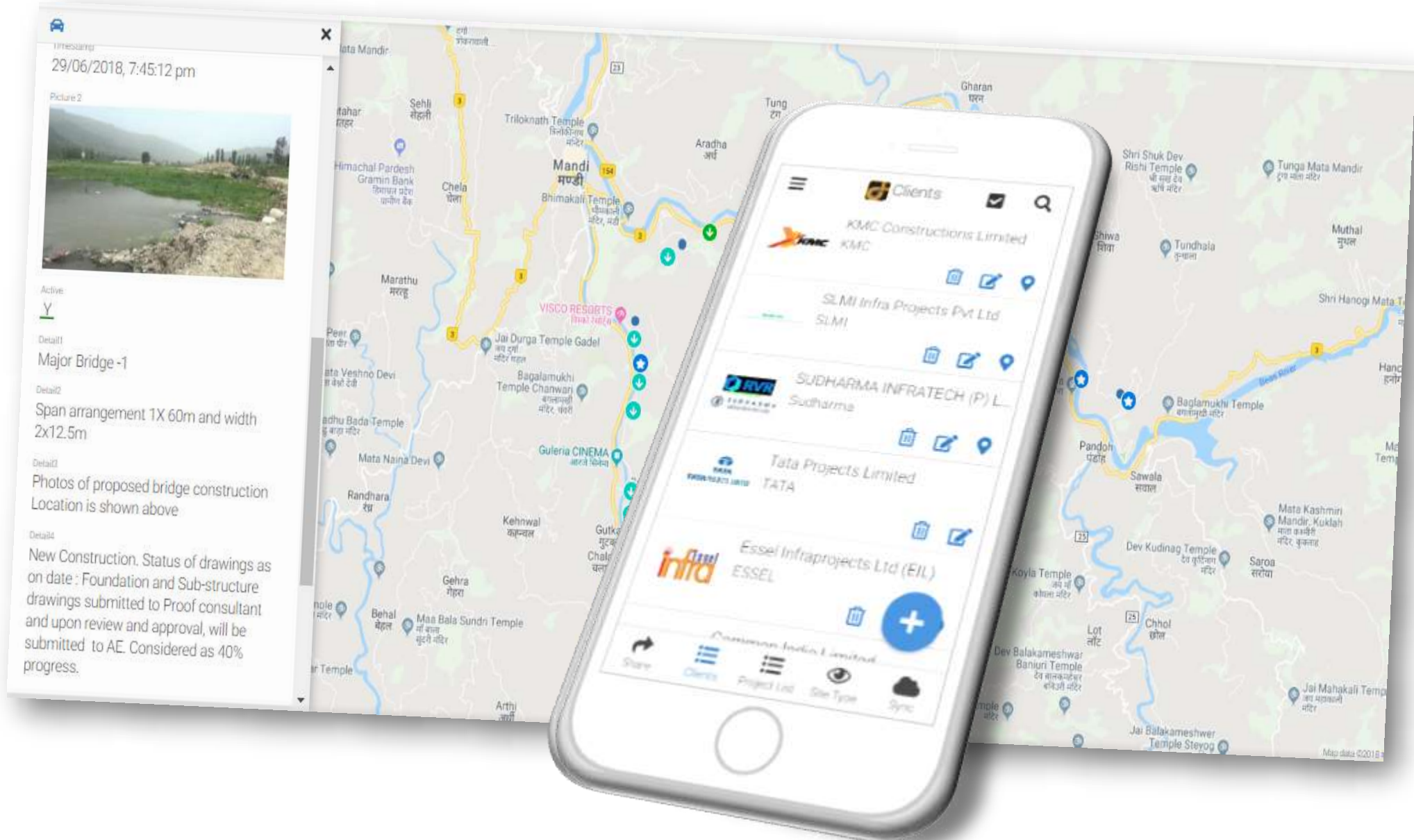
3D MODEL ON GOOGLE EARTH





CUT AND FILL GRAPH IN 3D

PROJECT MONITORING



1/PresStamp
29/06/2018, 7:45:12 pm

Picture 2

Active: **Y**

Detail1
Major Bridge-1

Detail2
Span arrangement 1X 60m and width 2x12.5m

Detail3
Photos of proposed bridge construction Location is shown above

Detail4
New Construction. Status of drawings as on date : Foundation and Sub-structure drawings submitted to Proof consultant and upon review and approval, will be submitted to AE. Considered as 40% progress.

- Clients**
- KMC Constructors Limited
- SLM Infra Projects Pvt Ltd
- SUDHARMA INFRA TECH (P) L
- Tata Projects Limited
- Essel Infraprojects Ltd (EIL)