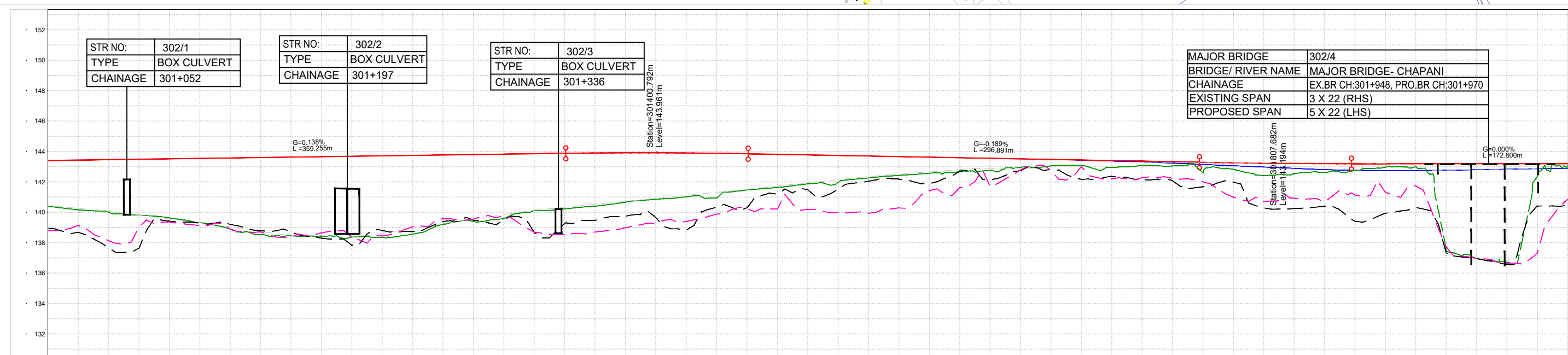
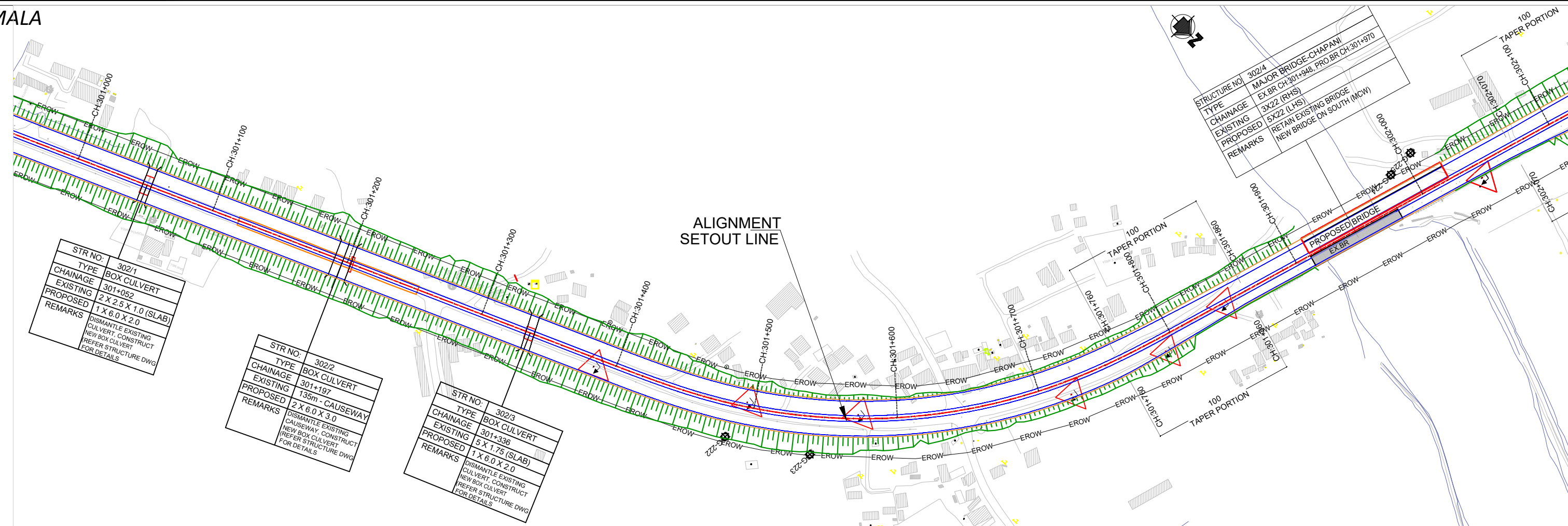


← KAMALA

PATHLAIYA ➡

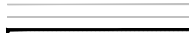


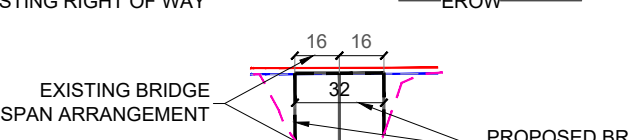
FINISHED ROAD LEVEL MAIN CARRIAGEWAY LEFT - KERB EDGE	143.400	143.401	143.402	143.403	143.404	143.405	143.406	143.407	143.408	143.409	143.410	143.411	143.412	143.413	143.414	143.415	143.416	143.417	143.418	143.419	143.420	143.421	143.422	143.423	143.424	143.425	143.426	143.427	143.428	143.429	143.430	143.431	143.432	143.433	143.434	143.435	143.436	143.437	143.438	143.439	143.440	143.441	143.442	143.443	143.444	143.445	143.446	143.447	143.448	143.449	143.450	143.451	143.452	143.453	143.454	143.455	143.456	143.457	143.458	143.459	143.460	143.461	143.462	143.463	143.464	143.465	143.466	143.467	143.468	143.469	143.470	143.471	143.472	143.473	143.474	143.475	143.476	143.477	143.478	143.479	143.480	143.481	143.482	143.483	143.484	143.485	143.486	143.487	143.488	143.489	143.490	143.491	143.492	143.493	143.494	143.495	143.496	143.497	143.498	143.499	143.500																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
FINISHED ROAD LEVEL MAIN CARRIAGEWAY RIGHT - KERB EDGE	143.408	143.409	143.410	143.411	143.412	143.413	143.414	143.415	143.416	143.417	143.418	143.419	143.420	143.421	143.422	143.423	143.424	143.425	143.426	143.427	143.428	143.429	143.430	143.431	143.432	143.433	143.434	143.435	143.436	143.437	143.438	143.439	143.440	143.441	143.442	143.443	143.444	143.445	143.446	143.447	143.448	143.449	143.450	143.451	143.452	143.453	143.454	143.455	143.456	143.457	143.458	143.459	143.460	143.461	143.462	143.463	143.464	143.465	143.466	143.467	143.468	143.469	143.470	143.471	143.472	143.473	143.474	143.475	143.476	143.477	143.478	143.479	143.480	143.481	143.482	143.483	143.484	143.485	143.486	143.487	143.488	143.489	143.490	143.491	143.492	143.493	143.494	143.495	143.496	143.497	143.498	143.499	143.500																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
EXISTING GROUND	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	140.402	1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NOTES:

1. ALL DIMENSIONS, LEVELS AND CHAINAGES ARE IN METERS UNLESS OTHERWISE INDICATED.
2. HORIZONTAL GEOMETRY IS DESIGNED WITH RESPECT TO REFERENCE LINE OF ALIGNMENT AS SHOWN IN PLAN.
3. FINISHED ROAD LEVELS ARE MEASURED w.r.t KERB EDGES OF RESPECTIVE CARRIAGEWAYS.
4. SERVICE ROAD PROFILE ARE SET AS AN EXTENDED CROSS FALL OF MAIN ROAD IN ALL SECTIONS EXCEPT AT UNDERPASS SECTIONS.
5. THE RIGHT OF WAY SHOWN IN THE PLAN IS MEASURED SYMETRICALLY w.r.t EXISTING ROAD CENTRE.
6. MEDIAN OPENINGS, BUSBAYS, LAYBYS, MAJOR JUNCTION LAYOUTS ARE PROVIDED IN SEPARATE DRAWING.
7. SPAN ARRANGEMENTS SHOWN FOR BRIDGES, UNDERPASSES & CULVERTS ARE INDICATIVE. FOR DETAILS, REFER STRUCTURAL DRAWINGS.
8. EARTHWORK SLOPES SHOWN IN PLAN FOR URBAN SECTION ARE INDICATIVE AND FOR ILLUSTRATION ONLY.
9. THE LOCATION AND EXTEND OF EARTH RETAINING STRUCTURE BEYOND ROAD SHOWN IN THE DRAWING SHALL BE ASCERTAINED BASED ON SITE SET OUT.
10. THE PROPOSAL FOR ALL EXISTING BRIDGES SHALL BE AS PER BRIDGE DESIGN / DRAWINGS.

LEGEND:

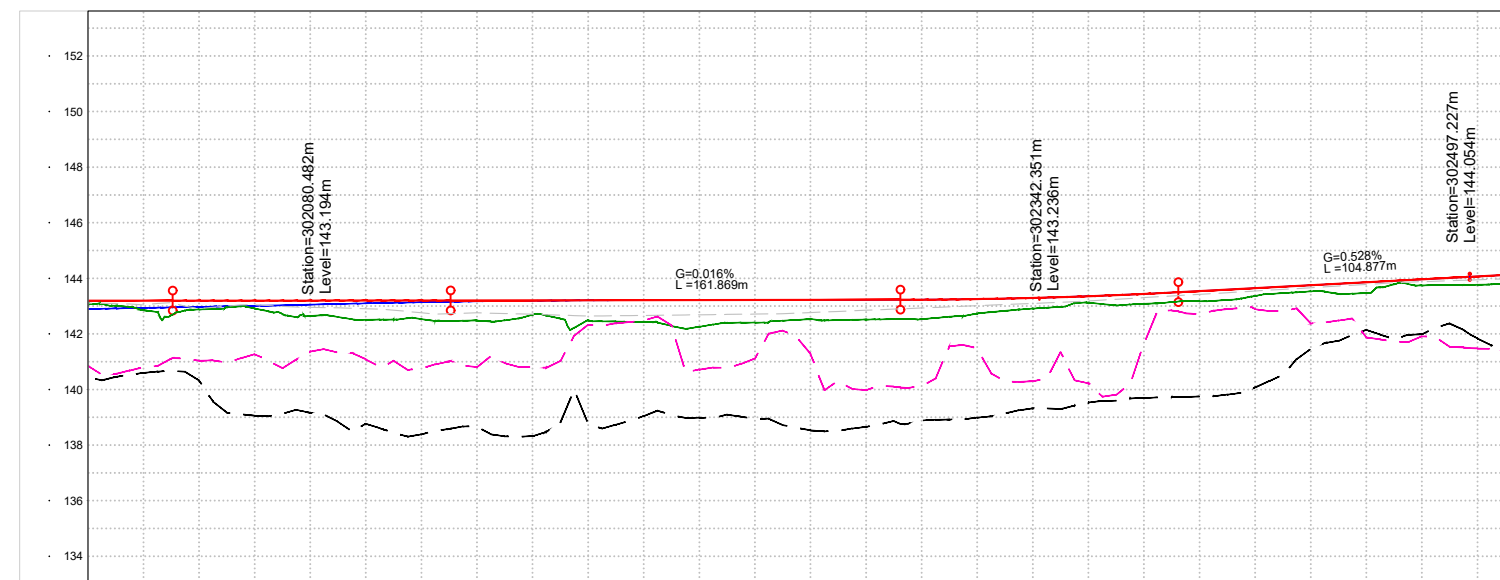
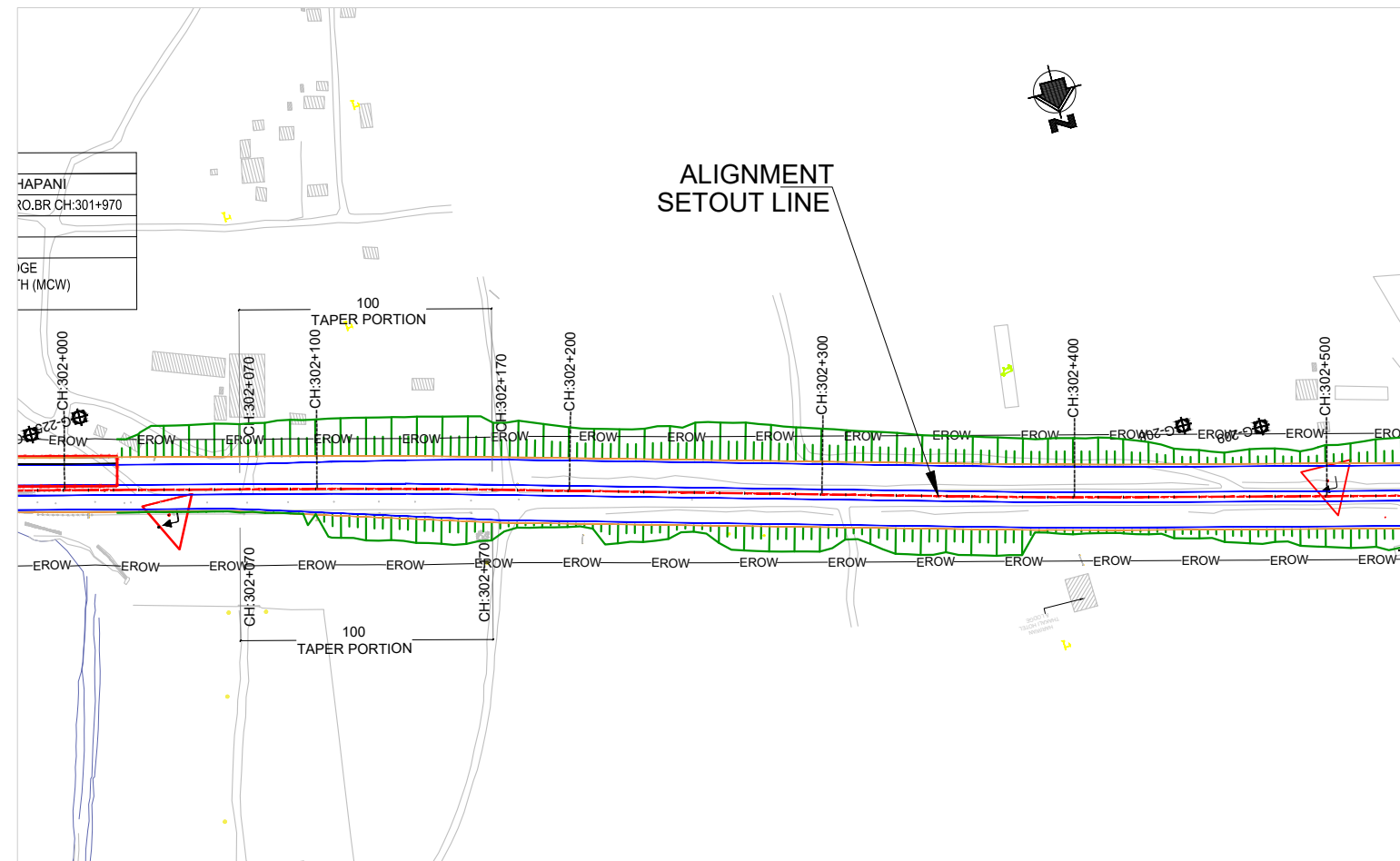
PROPOSED ALIGNMENT	
PROPOSED MAIN CARRIAGEWAY	
PROPOSED SERVICE ROAD	
PROPOSED CYCLE TRACK	
PROPOSED EARTHEN SHOULDER	
EXISTING CARRIAGEWAY	
EXISTING BRIDGE	
PROPOSED BRIDGE	
EXISTING RIGHT OF WAY	



EMPLOYER		PROJECT		DESIGN CONSULTANTS		Mr. Pushkar Poudel Nec.No. 6146 Signature		Drawing Name		Scale: PLAN: 1:2500 PROFILE: HOR= 1:2500 VER= 1:250	Date: JUNE 2023
 Government of Nepal Ministry of Physical Infrastructure and Transport Department of Roads Development Cooperation Implementation Division		Strategic Road Connectivity & Trade Improvement Project (SRCTIP) Detailed Design of Upgradation of Kamala-Dhalkebar-Pathlaiya Road Section (130 KM) of Mahendra Highway and Bridges		EPTISA Servicios De Ingenieria Madrid, Spain	STUP Consultants Private Limited Kolkatta, India	Designed By		PLAN AND PROFILE			
				ep4sa		Checked By	T.V.Rajeev Nec.No.		Drawing No.		
						Approved By	Harikrishna Bhavsar Nec.No.		KDP/DPR/HIGHWAY/PP-568 R(0)		
				In Association With Udaya Consultancy, Geocom International, Sundar Kriti Consultant and Rays Consultant Private Limited		Mr. Harikrishna Bhavsar Nec.No.		Reference Drawings 1.TYPICAL HORIZONTAL CURVE & ATTAINMENT OF SUPERELEVATION DETAILS- KDP/DDR/HIGHWAY/STD/001 2.HORIZONTAL CURVE DETAILS- KDP/DDR/HIGHWAY/STD/002 TO 009 3.TYPICAL CROSS SECTIONS- KDP/DDR/HIGHWAY/TCS/ 001 TO 004 4.TYPICAL CROSS SECTION SCHEDULE- KDP/DDR/HIGHWAY/TCS/ 005 TO 007		Chainage: (km 301+000 to km 302+000)	Sheet No.

← *KAMALA*

PATHLAIYA ➡

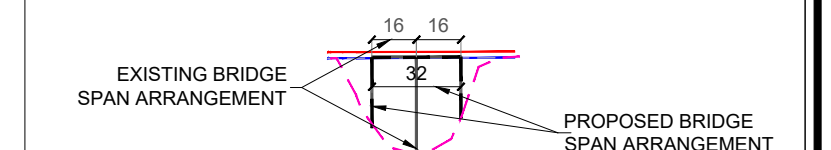
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- ### **NOTES:-**
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 2. HORIZONTAL GEOMETRY IS DESIGNED WITH RESPECT TO REFERENCE LINE OF ALIGNMENT AS SHOWN IN PLAN.
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 9. THE LOCATION AND EXTEND OF EARTH RETAINING STRUCTURE BEYOND ROAD SHOWN IN THE DRAWING SHALL BE ASCERTAINED BASED ON SITE SET OUT.
 10. THE PROPOSAL FOR ALL EXISTING BRIDGES SHALL BE AS PER BRIDGE DESIGN / DRAWINGS.

LEGEND:

Diagram illustrating the proposed alignment and existing infrastructure:

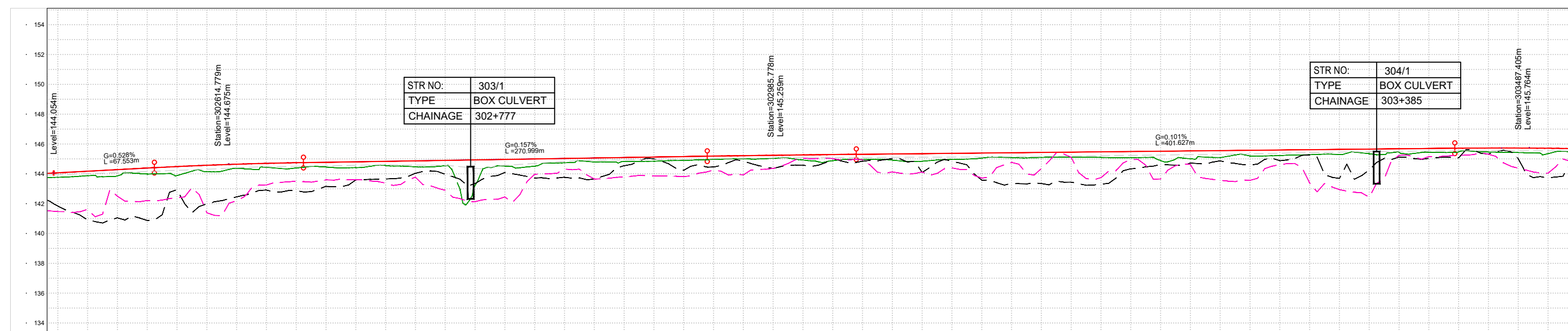
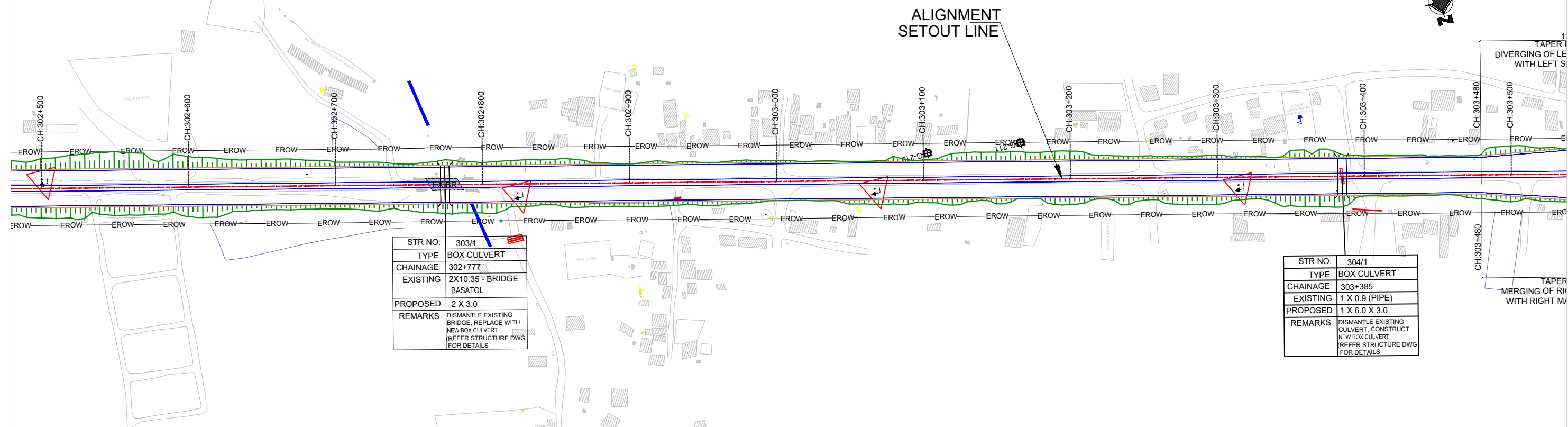
- PROPOSED ALIGNMENT (indicated by a dashed red line)
- PROPOSED MAIN CARRIAGEWAY (indicated by a solid blue line)
- PROPOSED SERVICE ROAD (indicated by a solid pink line)
- PROPOSED CYCLE TRACK (indicated by a solid light blue line)
- PROPOSED EARTHEN SHOULDER (indicated by a solid orange line)
- EXISTING CARRIAGEWAY (indicated by a solid grey line)
- EXISTING BRIDGE (indicated by a hatched rectangular area)
- PROPOSED BRIDGE (indicated by a dashed red rectangular area)
- EXISTING RIGHT OF WAY (indicated by a solid grey line)
- EROW (Existing Right of Way)



EMPLOYER		PROJECT		DESIGN CONSULTANTS		DRAWING INFORMATION		
 Government of Nepal Ministry of Physical Infrastructure and Transport Department of Roads Development Cooperation Implementation Division	Strategic Road Connectivity & Trade Improvement Project (SRCTIP) Detailed Design of Upgradation of Kamala-Dhalkebar-Pathlaiya Road Section (130 KM) of Mahendra Highway and Bridges	Joint Venture of		Designed By	Mr. Pushkar Poudel 	Drawing Name PLAN AND PROFILE	Scale: PLAN: 1:2500	Date: JUNE 2023
		 EPTISA Servicios De Ingenieria Madrid, Spain	 STUP Consultants Private Limited Kolkatta, India	Nec.No. 6146	Signature		PROFILE: HOR= 1:2500 VER= 1:250	
		In Association With		Checked By	T.V. Rajeev 	Reference Drawings 1.TYPICAL HORIZONTAL CURVE & ATTAINMENT OF SUPERELEVATION DETAILS- KDP/DDR/HIGHWAY/STD/001 2.HORIZONTAL CURVE DETAILS- KDP/DDR/HIGHWAY/STD/002 TO 009 3.TYPICAL CROSS SECTIONS- KDP/DDR/HIGHWAY/TCS/ 001 TO 004 4.TYPICAL CROSS SECTION SCHEDULE- KDP/DDR/HIGHWAY/TCS/ 005 TO 007	Chainage: (km 302+000 to km 302+500)	Drawing No. KDP/DPR/HIGHWAY/PP -569R(0)
		Udaya Consultancy, Geocom International, Sundar Kriti Consultant and Rays Consultant Private Limited		Approved By	Mr. Hari Krishna Bhavsar 			

← KAMALA

PATHLAIYA ➡

[illegible]

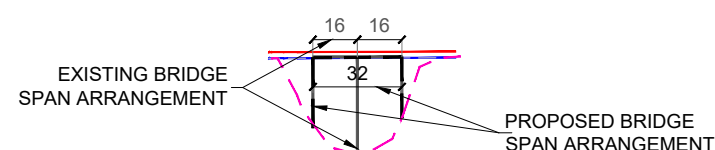
- ## NOTES:
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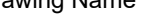
LEGEND:

PROPOSED ALIGNMENT
PROPOSED MAIN CARRIAGEWAY
PROPOSED SERVICE ROAD
PROPOSED CYCLE TRACK
PROPOSED EARTHEN SHOULDER
EXISTING CARRIAGEWAY
EXISTING BRIDGE
PROPOSED BRIDGE
EXISTING RIGHT OF WAY

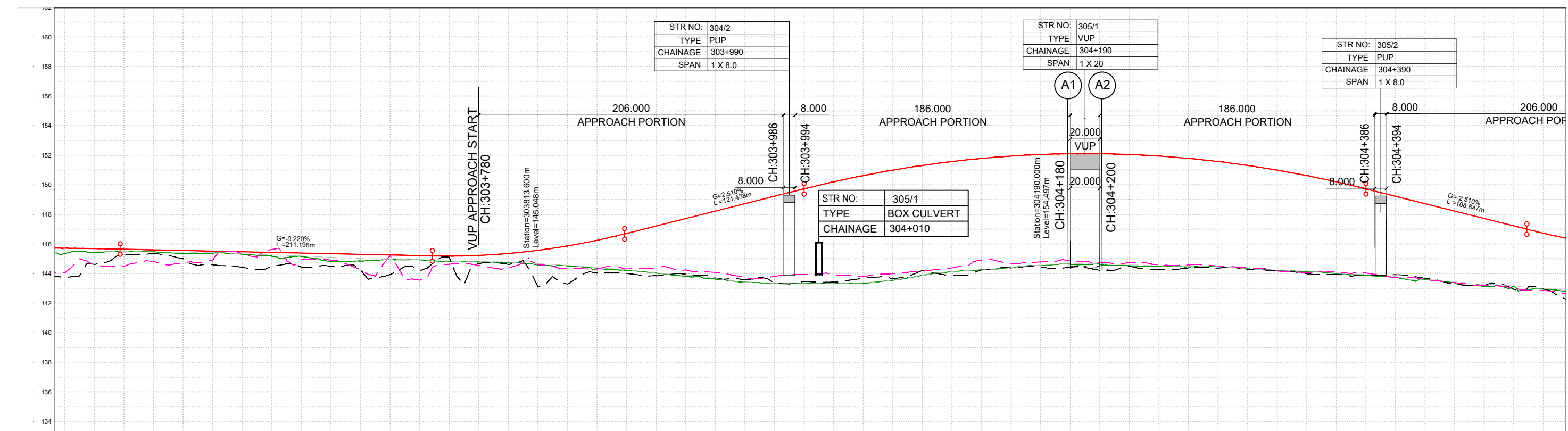
Legend for the proposed alignment diagram:

- PROPOSED ALIGNMENT: Red dashed line
- PROPOSED MAIN CARRIAGEWAY: Blue solid line
- PROPOSED SERVICE ROAD: Green solid line
- PROPOSED CYCLE TRACK: Yellow solid line
- PROPOSED EARTHEN SHOULDER: Orange solid line
- EXISTING CARRIAGEWAY: Grey solid line
- EXISTING BRIDGE: Black rectangle
- PROPOSED BRIDGE: Red dashed rectangle
- EXISTING RIGHT OF WAY: Grey line with 'EROW' label



EMPLOYER	PROJECT	DESIGN CONSULTANTS			Mr. Pushkar Poudel		Drawing Name	Scale:	Date:
 Government of Nepal Ministry of Physical Infrastructure and Transport Department of Roads Development Cooperation Implementation Division	Strategic Road Connectivity & Trade Improvement Project (SRCTIP) Detailed Design of Upgradation of Kamala-Dhalkebar-Pathlaiya Road Section (130 KM) of Mahendra Highway and Bridges	Joint Venture of		Designed By	Nec.No. 6146		PLAN AND PROFILE	PLAN: 1:2500	JUNE 2023
		 EPTISA Servicios De Ingenieria Madrid, Spain	 STUP Consultants Private Limited Kolkatta, India	Checked By	Mr. T.V. Rajeev			PROFILE: HOR= 1:2500 VER= 1:250	
		In Association With Udaya Consultancy, Geocom International, Sundar Kriti Consultant and Rays Consultant Private Limited		Approved By	Mr. Harikrishna Bhavsar		Reference Drawings 1.TYPICAL HORIZONTAL CURVE & ATTAINMENT OF SUPERELEVATION DETAILS- KDP/DDR/HIGHWAY/STD/001 2.HORIZONTAL CURVE DETAILS- KDP/DDR/HIGHWAY/STD/002 TO 009 3.TYPICAL CROSS SECTIONS- KDP/DDR/HIGHWAY/TCS/ 001 TO 004 4.TYPICAL CROSS SECTION SCHEDULE- KDP/DDR/HIGHWAY/TCS/ 005 TO 007	Chainage: (km 302+500 to km 303+500)	Sheet No.

PATHLAIYA ➡

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NOTES:

1. ALL DIMENSIONS, LEVELS AND CHAINAGES ARE IN METERS UNLESS OTHERWISE INDICATED.
2. HORIZONTAL GEOMETRY IS DESIGNED WITH RESPECT TO REFERENCE LINE OF ALIGNMENT AS SHOWN IN PLAN.
3. FINISHED ROAD LEVELS ARE MEASURED w.r.t KERB EDGES OF RESPECTIVE CARRIAGEWAYS.
4. SERVICE ROAD PROFILE ARE SET AS AN EXTENDED CROSS FALL OF MAIN ROAD IN ALL SECTIONS EXCEPT AT UNDERPASS SECTIONS.
5. THE RIGHT OF WAY SHOWN IN THE PLAN IS MEASURED SYMMETRICALLY w.r.t EXISTING ROAD CENTRE.
6. MEDIAN OPENINGS, BUSBAYS, LAYBYES, MAJOR JUNCTION LAYOUTS ARE PROVIDED IN SEPARATE DRAWING.
7. SPAN ARRANGEMENTS SHOWN FOR BRIDGES, UNDERPASSES & CULVERTS ARE INDICATIVE. FOR DETAILS, REFER STRUCTURAL DRAWINGS.
8. EARTHWORK SLOPES SHOWN IN PLAN FOR URBAN SECTION ARE INDICATIVE AND FOR ILLUSTRATION ONLY.
9. THE LOCATION AND EXTEND OF EARTH RETAINING STRUCTURE BEYOND ROW SHOWN IN THE DRAWING SHALL BE ASCERTAINED BASED ON SITE SET OUT.
10. THE PROPOSAL FOR ALL EXISTING BRIDGES SHALL BE AS PER BRIDGE DESIGN / DRAWINGS.

LEGEND:

PROPOSED ALIGNMENT	---
PROPOSED MAIN CARRIAGEWAY	—
PROPOSED SERVICE ROAD	—
PROPOSED CYCLE TRACK	—
PROPOSED EARTHEN SHOULDER	—
EXISTING CARRIAGEWAY	—
EXISTING BRIDGE	▬
PROPOSED BRIDGE	- - -
EXISTING RIGHT OF WAY	— EROW —

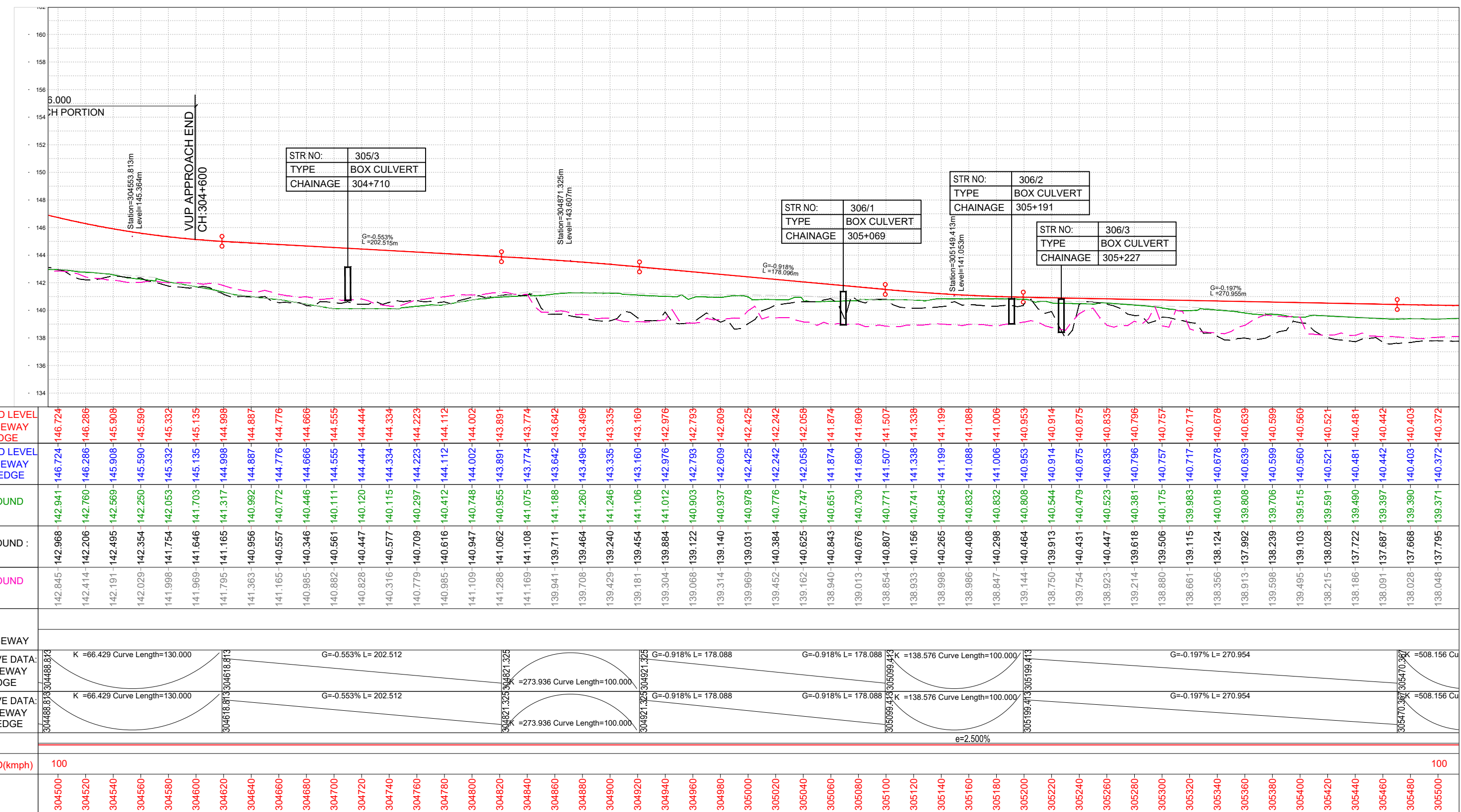
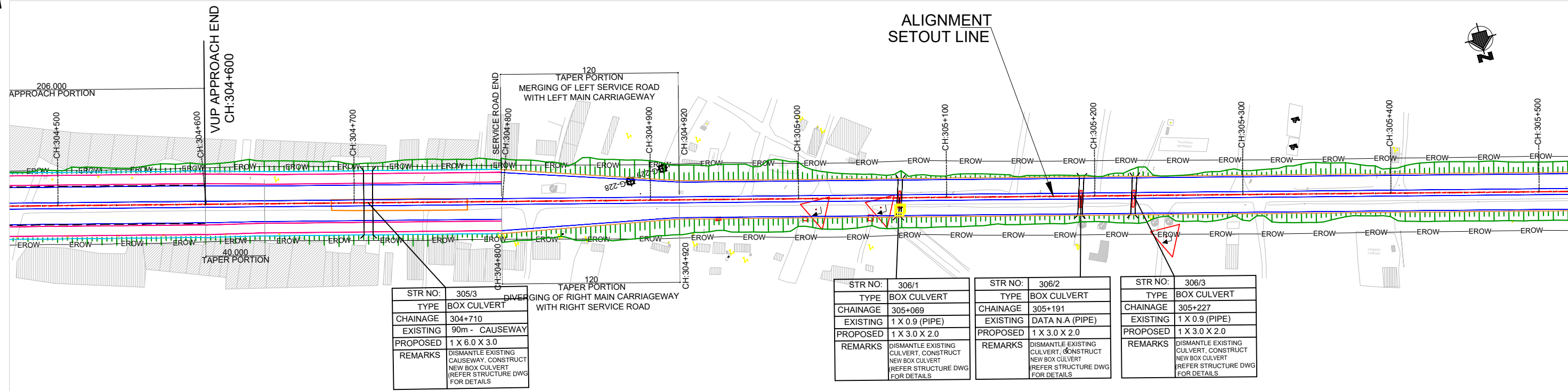
EXISTING BRIDGE
SPAN ARRANGEMENT

PROPOSED BRIDGE
SPAN ARRANGEMENT

EMPLOYER		PROJECT		DESIGN CONSULTANTS		Drawing Name		Scale:	Date:		
 Government of Nepal Ministry of Physical Infrastructure and Transport Department of Roads Development Cooperation Implementation Division		Strategic Road Connectivity & Trade Improvement Project (SRCTIP) Detailed Design of Upgradation of Kamala-Dhalkebar-Pathlaiya Road Section (130 KM) of Mahendra Highway and Bridges		Joint Venture of		Designed By	PLAN AND PROFILE	PLAN: 1:2500	JUNE 2023		
				 EPTISA Servicios De Ingenieria Madrid, Spain	 STUP Consultants Private Limited Kolkatta, India	Nec.No. 6146 Mr. Pushkar Poudel Signature		PROFILE: HOR= 1:2500 VER= 1:250	Drawing No.		
				In Association With		Checked By	Reference Drawings 1.TYPICAL HORIZONTAL CURVE & ATTAINMENT OF SUPERELEVATION DETAILS- KDP/DDR/HIGHWAY/STD/001 2.HORIZONTAL CURVE DETAILS- KDP/DDR/HIGHWAY/STD/002 TO 009 3.TYPICAL CROSS SECTIONS- KDP/DDR/HIGHWAY/TC/001 TO 004 4.TYPICAL CROSS SECTION SCHEDULE- KDP/DDR/HIGHWAY/TC/005 TO 007	Chainage:	KDP/DPR/HIGHWAY/PP-571 R(0)		
				Udaya Consultancy, Geocom International, Sundar Kriti Consultant and Rays Consultant Private Limited		Nec.No. Mr. T.V.Rajeev Signature		(km303+500 to km 304+500)	Sheet No.		
						Approved By					
						Nec.No. Mr. Hatirkrishna Bhavsar Signature					

← KAMALA

PATHLAIYA →



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- PROPOSED MAIN CARRIAGEWAY
- PROPOSED SERVICE ROAD
- PROPOSED CYCLE TRACK
- PROPOSED EARTHEN SHOULDER
- EXISTING CARRIAGEWAY
- EXISTING BRIDGE
- PROPOSED BRIDGE
- EXISTING RIGHT OF WAY
- EROW

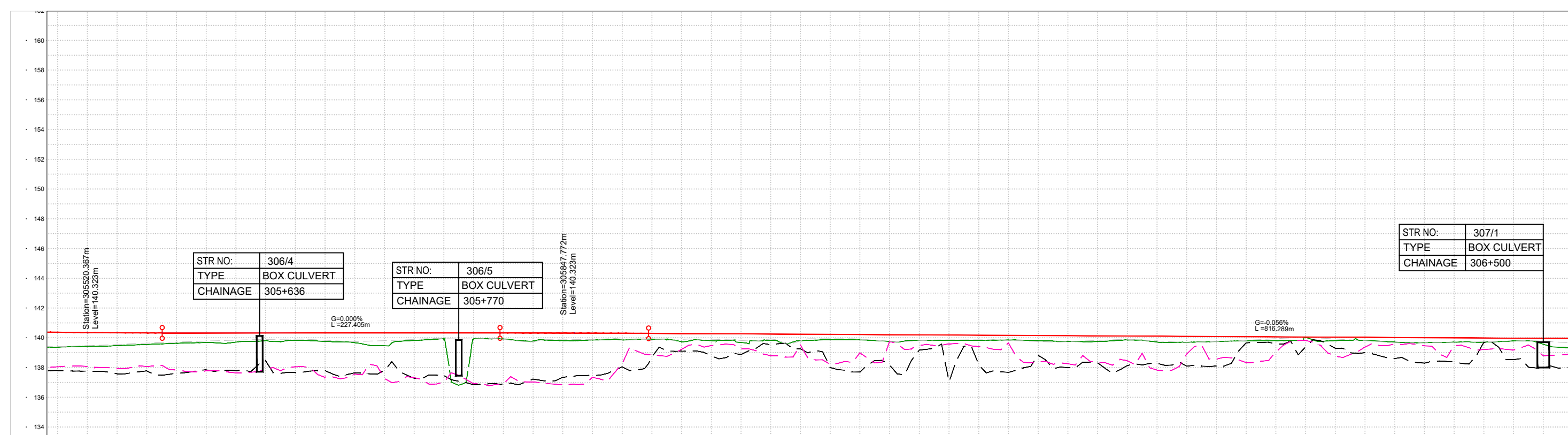
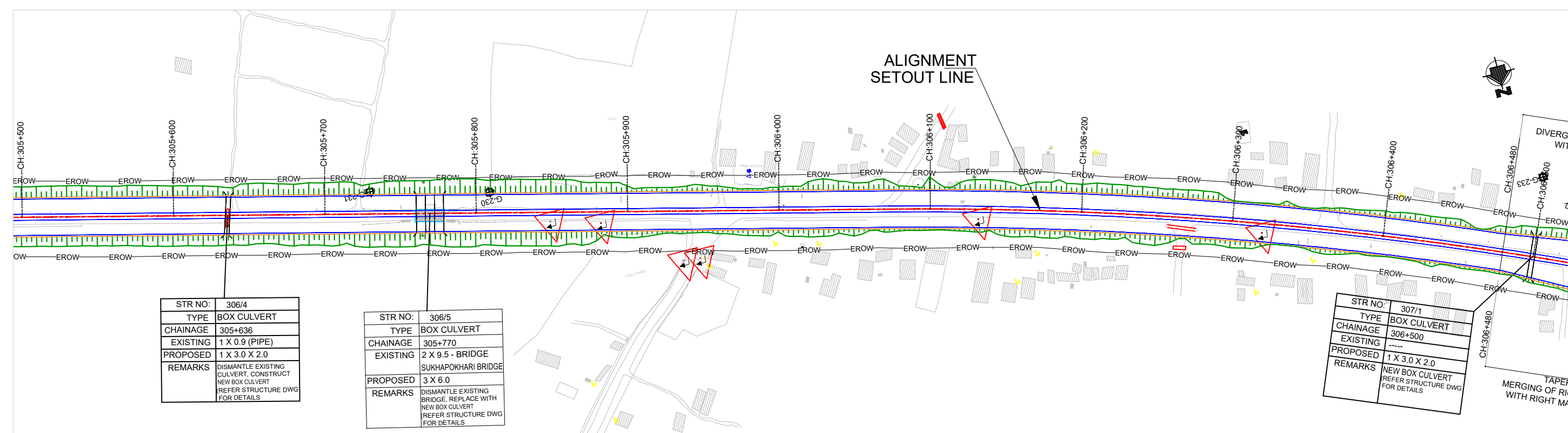
EXISTING BRIDGE SPAN ARRANGEMENT

PROPOSED BRIDGE SPAN ARRANGEMENT

EMPLOYER	PROJECT	DESIGN CONSULTANTS	Designed By	Checked By	Approved By	Drawing Name	Scale:	Date:
 Government of Nepal Ministry of Physical Infrastructure and Transport Department of Roads Development Cooperation Implementation Division	Strategic Road Connectivity & Trade Improvement Project (SRCTIP) Detailed Design of Upgradation of Kamala-Dhalkebar-Pathlaiya Road Section (130 KM) of Mahendra Highway and Bridges	 EPTISA Servicios De Ingeniera Madrid, Spain  STUP Consultants Private Limited Kolkatta, India In Association With Udaya Consultancy, Geocom International, Sundar Kriti Consultant and Rays Consultant Private Limited	Mr. Pushkar Poudel Nec.No. 6146 Signature	Mr. T.V. Rajeev Nec.No. Signature	Mr. Harikrishna Bhavsar Nec.No. Signature	PLAN AND PROFILE Reference Drawings 1.TYPICAL HORIZONTAL CURVE & ATTAINMENT OF SUPERELEVATION DETAILS- KDP/DDR/HIGHWAY/STD/001 2.HORIZONTAL CURVE DETAILS- KDP/DDR/HIGHWAY/STD/002 TO 009 3.TYPICAL CROSS SECTIONS- KDP/DDR/HIGHWAY/TCS/ 001 TO 004 4.TYPICAL CROSS SECTION SCHEDULE- KDP/DDR/HIGHWAY/TCS/ 005 TO 007	Scale: PLAN: 1:2500 PROFILE: HOR= 1:2500 VER= 1:250 Chainage: (km304+500 to km 305+500)	JUNE 2023 Drawing No. KDP/DPR/HIGHWAY/PP-572 R(0) Sheet No.

← KAMALA

PATHLAIYA ➡

[illegible]

- ## NOTES:
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PROPOSED MAIN CARRIAGEWAY

PROPOSED SERVICE ROAD

PROPOSED CYCLE TRACK

PROPOSED EARTHEN SHOULDER

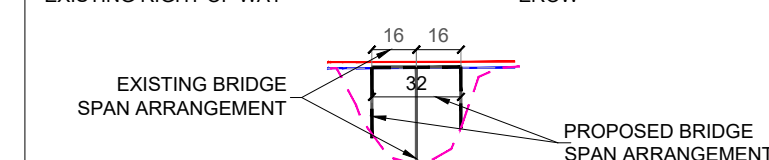
EXISTING CARRIAGEWAY

EXISTING BRIDGE

PROPOSED BRIDGE

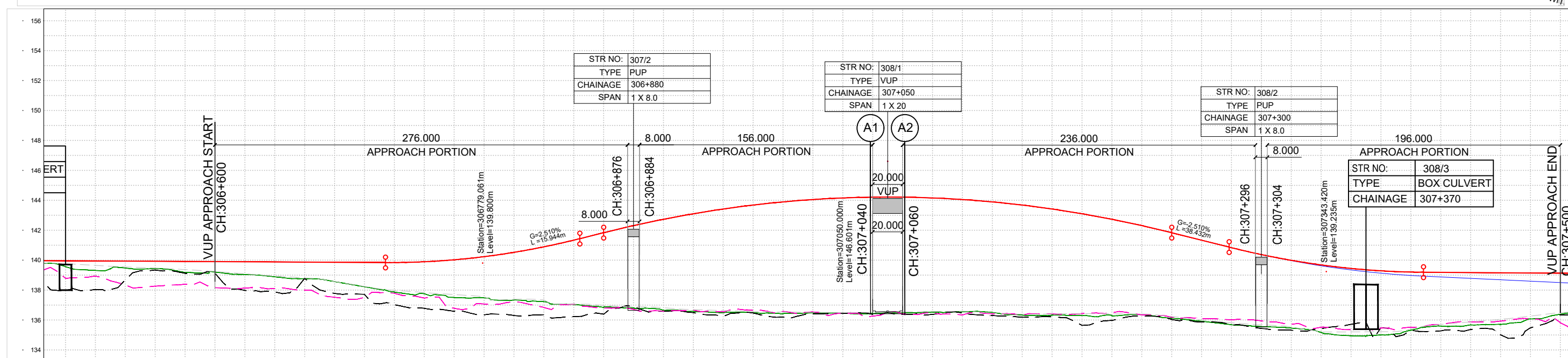
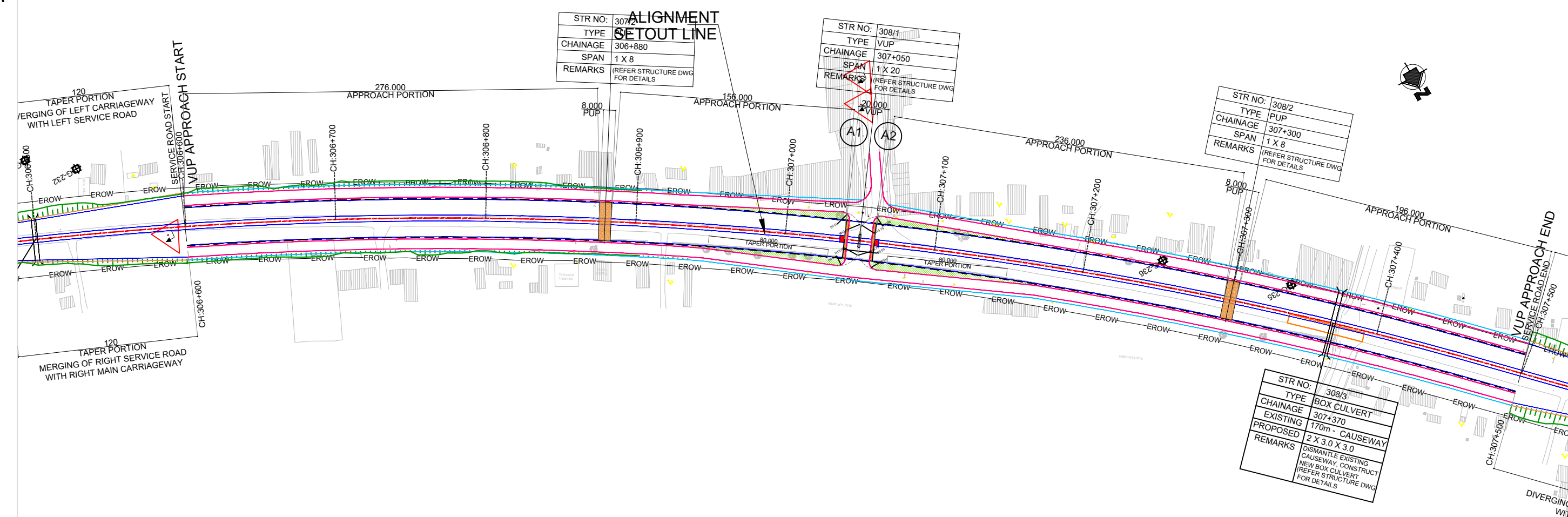
EXISTING RIGHT OF WAY

EROW



EMPLOYER		PROJECT		DESIGN CONSULTANTS		DESIGNED BY		DRAWING NAME		Scale:		Date:	
 Government of Nepal Ministry of Physical Infrastructure and Transport Department of Roads Development Cooperation Implementation Division	Strategic Road Connectivity & Trade Improvement Project (SRCTIP) Detailed Design of Upgradation of Kamala-Dhalkebar-Pathlaiya Road Section (130 KM) of Mahendra Highway and Bridges	Joint Venture of		Designed By		Mr. Pushkar Poudel		PLAN AND PROFILE	PLAN: 1:2500		JUNE 2023		
		 EPTISA Servicios De Ingenieria Madrid, Spain	 STUP Consultants Private Limited Kolkatta, India	Nec.No. 6146	Signature	PROFILE: HOR= 1:2500 VER= 1:250							
				Checked By	T.V Rajeev		Reference Drawings 1.TYPICAL HORIZONTAL CURVE & ATTAINMENT OF SUPERELEVATION DETAILS- KDP/DDR/HIGHWAY/STD/001 2.HORIZONTAL CURVE DETAILS- KDP/DDR/HIGHWAY/STD/002 TO 009 3.TYPICAL CROSS SECTIONS- KDP/DDR/HIGHWAY/TCS/ 001 TO 004 4.TYPICAL CROSS SECTION SCHEDULE- KDP/DDR/HIGHWAY/TCS/ 005 TO 007		Chainage: (km305+500 to km 306+500)				
				Approved By	Harikrishna Bhavsar								
		In Association With Udaya Consultancy, Geocom International, Sundar Kriti Consultant and Rays Consultant Private Limited								Drawing No. KDP/DPR/HIGHWAY/PP-573 R(0)			
										Sheet No.			

PATHLAIYA ➡



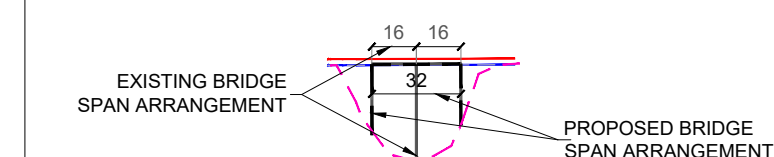
FINISHED ROAD LEVEL MAIN CARRIAGEWAY LEFT - KERB EDGE	139.957	139.945	139.934	139.923	139.912	139.901	139.890	139.878	139.867	139.856	139.844	139.837	139.830	139.823	139.816	139.809	139.802	139.795	139.788	139.781	139.774	139.767	139.760	139.753	139.746	139.739	139.732	139.725	139.718	139.711	139.704	139.697	139.690	139.683	139.676	139.669	139.662	139.655	139.648	139.641	139.634	139.627	139.620	139.613	139.606	139.599	139.592	139.585	139.578	139.571	139.564	139.557	139.550	139.543	139.536	139.529	139.522	139.515	139.508	139.501	139.494	139.487	139.480	139.473	139.466	139.459	139.452	139.445	139.438	139.431	139.424	139.417	139.410	139.403	139.396	139.389	139.382	139.375	139.368	139.361	139.354	139.347	139.340	139.333	139.326	139.319	139.312	139.305	139.298	139.291	139.284	139.277	139.270	139.263	139.256	139.249	139.242	139.235	139.228	139.221	139.214	139.207	139.200	139.193	139.186	139.179	139.172	139.165	139.158	139.151	139.144	139.137	139.130	139.123	139.116	139.109	139.102	139.095	139.088	139.081	139.074	139.067	139.060	139.053	139.046	139.039	139.032	139.025	139.018	139.011	139.004	138.997	138.990	138.983	138.976	138.969	138.962	138.955	138.948	138.941	138.934	138.927	138.920	138.913	138.906	138.899	138.892	138.885	138.878	138.871	138.864	138.857	138.850	138.843	138.836	138.829	138.822	138.815	138.808	138.801	138.794	138.787	138.780	138.773	138.766	138.759	138.752	138.745	138.738	138.731	138.724	138.717	138.710	138.703	138.696	138.689	138.682	138.675	138.668	138.661	138.654	138.647	138.640	138.633	138.626	138.619	138.612	138.605	138.598	138.591	138.584	138.577	138.570	138.563	138.556	138.549	138.542	138.535	138.528	138.521	138.514	138.507	138.500	138.493	138.486	138.479	138.472	138.465	138.458	138.451	138.444	138.437	138.430	138.423	138.416	138.409	138.402	138.395	138.388	138.381	138.374	138.367	138.360	138.353	138.346	138.339	138.332	138.325	138.318	138.311	138.304	138.297	138.290	138.283	138.276	138.269	138.262	138.255	138.248	138.241	138.234	138.227	138.220	138.213	138.206	138.199	138.192	138.185	138.178	138.171	138.164	138.157	138.150	138.143	138.136	138.129	138.122	138.115	138.108	138.101	138.094	138.087	138.080	138.073	138.066	138.059	138.052	138.045	138.038	138.031	138.024	138.017	138.010	138.003	137.996	137.989	137.982	137.975	137.968	137.961	137.954	137.947	137.940	137.933	137.926	137.919	137.912	137.905	137.898	137.891	137.884	137.877	137.870	137.863	137.856	137.849	137.842	137.835	137.828	137.821	137.814	137.807	137.800	137.793	137.786	137.779	137.772	137.765	137.758	137.751	137.744	137.737	137.730	137.723	137.716	137.709	137.702	137.695	137.688	137.681	137.674	137.667	137.660	137.653	137.646	137.639	137.632	137.625	137.618	137.611	137.604	137.597	137.590	137.583	137.576	137.569	137.562	137.555	137.548	137.541	137.534	137.527	137.520	137.513	137.506	137.499	137.492	137.485	137.478	137.471	137.464	137.457	137.450	137.443	137.436	137.429	137.422	137.415	137.408	137.401	137.394	137.387	137.380	137.373	137.366	137.359	137.352	137.345	137.338	137.331	137.324	137.317	137.310	137.303	137.296	137.289	137.282	137.275	137.268	137.261	137.254	137.247	137.240	137.233	137.226	137.219	137.212	137.205	137.198	137.191	137.184	137.177	137.170	137.163	137.156	137.149	137.142	137.135	137.128	137.121	137.114	137.107	137.100	137.093	137.086	137.079	137.072	137.065	137.058	137.051	137.044	137.037	137.030	137.023	137.016	137.009	137.002	136.995	136.988	136.981	136.974	136.967	136.960	136.953	136.946	136.939	136.932	136.925	136.918	136.911	136.904	136.897	136.890	136.883	136.876	136.869	136.862	136.855	136.848	136.841	136.834	136.827	136.820	136.813	136.806	136.799	136.792	136.785	136.778	136.771	136.764	136.757	136.750	136.743	136.736	136.729	136.722	136.715	136.708	136.701	136.694	136.687	136.680	136.673	136.666	136.659	136.652	136.645	136.638	136.631	136.624	136.617	136.610	136.603	136.596	136.589	136.582	136.575	136.568	136.561	136.554	136.547	136.540	136.533	136.526	136.519	136.512	136.505	136.498	136.491	136.484	136.477	136.470	136.463	136.456	136.449	136.442	136.435	136.428	136.421	136.414	136.407	136.400	136.393	136.386	136.379	136.372	136.365	136.358	136.351	136.344	136.337	136.330	136.323	136.316	136.309	136.302	136.295	136.288	136.281	136.274	136.267	136.260	136.253	136.246	136.239	136.232	136.225	136.218	136.211	136.204	136.197	136.190	136.183	136.176	136.169	136.162	136.155	136.148	136.141	136.134	136.127	136.120	136.113	136.106	136.099	136.092	136.085	136.078	136.071	136.064	136.057	136.050	136.043	136.036	136.029	136.022	136.015	136.008	136.001	135.994	135.987	135.980	135.973	135.966	135.959	135.952	135.945	135.938	135.931	135.924	135.917	135.910	135.903	135.896	135.889	135.882	135.875	135.868	135.861	135.854	135.847	135.840	135.833	135.826	135.819	135.812	135.805	135.798	135.791	135.784	135.777	135.770	135.763	135.756	135.749	135.742	135.735	135.728	135.721	135.714	135.707	135.700	135.693	135.686	135.679	135.672	135.665	135.658	135.651	135.644	135.637	135.630	135.623	135.616	135.609	135.602	135.595	135.588	135.581	135.574	135.567	135.560	135.553	135.546	135.539	135.532	135.525	135.518	135.511	135.504	135.497	135.490	135.483	135.476	135.469	135.462	135.455	135.448	135.441	135.434	135.427	135.420	135.413	135.406	135.399	135.392	135.385	135.378	135.371	135.364	135.357	135.350	135.343	135.336	135.329	135.322	135.315	135.308	135.301	135.294	135.287	135.280	135.273	135.266	135.259	135.252	135.245	135.238	135.231	135.224	135.217	135.210	135.203	135.196	135.189	135.182	135.175	135.168	135.161	135.154	135.147	135.140	135.133	135.126	135.119	135.112	135.105	135.098	135.091	135.084	135.077	135.070	135.063	135.056	135.049	135.042	135.035	135.028	135.021	135.014	135.007	135.000	134.993	134.986	134.979	134.972	134.965	134.958	134.951	134.944	134.937	134.930	134.923	134.916	134.909	134.902	134.895	134.888	134.881	134.874	134.867	134.860	134.853	134.846	134.839	134.832	134.825	134.818	134.811	134.804	134.797	134.790	134.783	134.776	134.769	134.762	134.755	134.748	134.741	134.734	134.727	134.720	134.713	134.706	134.699	134.692	134.685	134.678	134.671	134.664	134.657	134.650	134.643	134.636	134.629	134.622	134.615	134.608	134.601	134.594	134.587	134.580	134.573	134.566	134.559	134.552	134.545	134.538	134.531	134.524	134.517	134.510	134.503	134.496	134.489	134.482	134.475	134.468	134.461	134.454	134.447	134.440	134.433	134.426	134.419	134.412	134.405	134.398	134.391	134.384	134.377	134.370	134.363	134.356	134.349	134.342	134.335	134.328	134.321	134.314	134.307	134.300	134.293	134.286	134.279	134.272	134.265	134.258	134.251	134.244	134.237	134.230	134.223	134.216	134.209	134.202	134.195	134.188	134.181	134.174	134.167	134.160	134.153	134.146	134.139	134.132	134.125	134.118	134.111	134.104	134.097	134.090	134.083	134.076	134.069	134.062	134.055	134.048	134.041	134.034	134.027	134.020	134.013	134.006	134.000	133.993	133.986	133.979	133.972	133.965	133.958	133.951	133.944	133.937	133.930	133.923	133.916	133.909	133.902	133.895	133.888	133.881	133.874	133.867	133.860	133.853	133.846	133.839	133.832	133.825	133.818	133.811	133.804	133.797	133.790	133.783	133.776	133.769	133.762	133.755	133.748	133.741	133.734	133.727	133.720	133.713	133.706	133.699	133.692	133.685	133.678	133.671	133.664	133.657	133.650	133.643	133.636	133.629	133.622	133.615	133.608	133.601	133.594	133.587	133.580	133.573	133.566	133.559	133.552	133.545	133.538	133.531	133.524	133.517	133.510	133.503	133.496	133.489	133.482	133.475	133.468	133.461	133.454	133.447	133.440	133.433	133.426	133.419	133.412	133.405	133.398	133.391	133.384	133.377	133.370	133.363	133.356	133.349	133.342	133.335	133.328	133.321	133.314	133.307	133.300	133.293	133.286	133.279	133.272	133.265	133.258	133.251	133.244	133.237	133.230	133.223	133.216	133.209	133.202	133.195	133.188	133.181	133.174	133.167	133.160	133.153	133.146	133.139	133.132	133.125	133.118	133.111	133.104	133.097	133.090	133.083	133.076	133.069	133.062	133.055	133.048	133.041	133.034	133.027	133.020	133.013	133.006	133.000	132.993	132.986	132.979	132.972	132.965	132.958	132.951	132.944	132.937	132.930	132.923	132.916	132.909	132.902	132.895	132.888	132.881	132.874	132.867	132.860	132.853	132.846	132.839	132.832	132.825	132.818	132.811	132.804	132.797	132.790	132.783	132.776	132.769	132.762	132.755	132.748	132.741	132.734	132.727	132.720	132.71
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NOTES:

1. ALL DIMENSIONS, LEVELS AND CHAINAGES ARE IN METERS UNLESS OTHERWISE INDICATED.
2. HORIZONTAL GEOMETRY IS DESIGNED WITH RESPECT TO REFERENCE LINE OF ALIGNMENT AS SHOWN IN PLAN.
3. FINISHED ROAD LEVELS ARE MEASURED w.r.t KERB EDGES OF RESPECTIVE CARRIAGEWAYS.
4. SERVICE ROAD PROFILE ARE SET AS AN EXTENDED CROSS FALL OF MAIN ROAD IN ALL SECTIONS EXCEPT AT UNDERPASS SECTIONS.
5. THE RIGHT OF WAY SHOWN IN THE PLAN IS MEASURED SYMETRICALLY w.r.t EXISTING ROAD CENTRE.
6. MEDIAN OPENINGS, BUSBAYS, LAYBYES, MAJOR JUNCTION LAYOUTS ARE PROVIDED IN SEPARATE DRAWING.
7. SPAN ARRANGEMENTS SHOWN FOR BRIDGES, UNDERPASSES & CULVERTS ARE INDICATIVE. FOR DETAILS, REFER STRUCTURAL DRAWINGS.
8. EARTHWORK SLOPES SHOWN IN PLAN FOR URBAN SECTION ARE INDICATIVE AND FOR ILLUSTRATION ONLY.
9. THE LOCATION AND EXTEND OF EARTH RETAINING STRUCTURE BEYOND ROAD SHOWN IN THE DRAWING SHALL BE ASCERTAINED BASED ON SITE SET OUT.
10. THE PROPOSAL FOR ALL EXISTING BRIDGES SHALL BE AS PER BRIDGE DESIGN / DRAWINGS.

LEGEND:

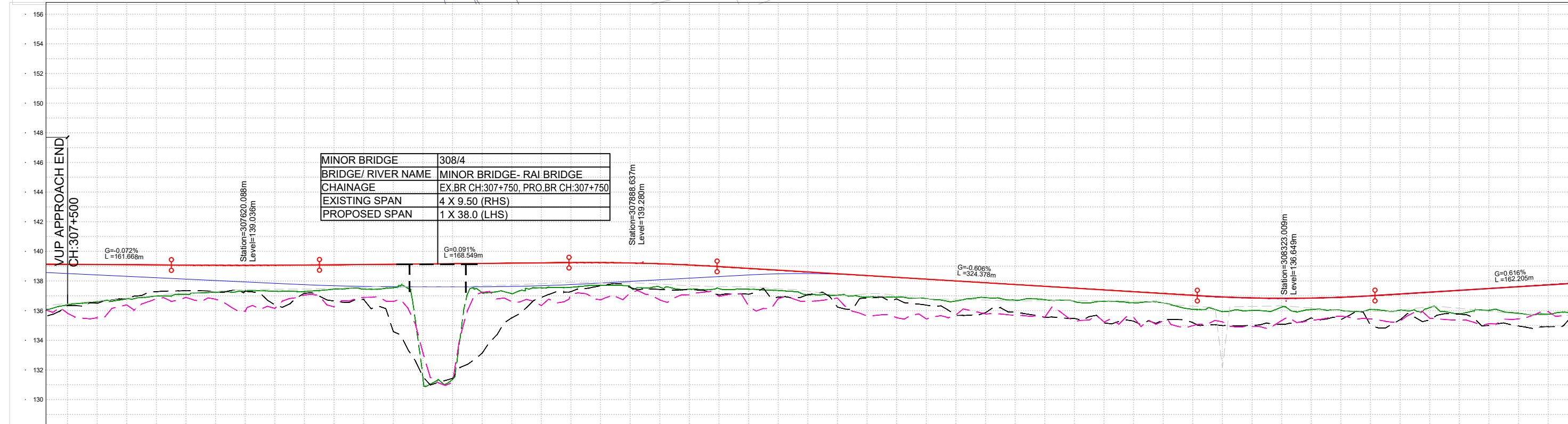
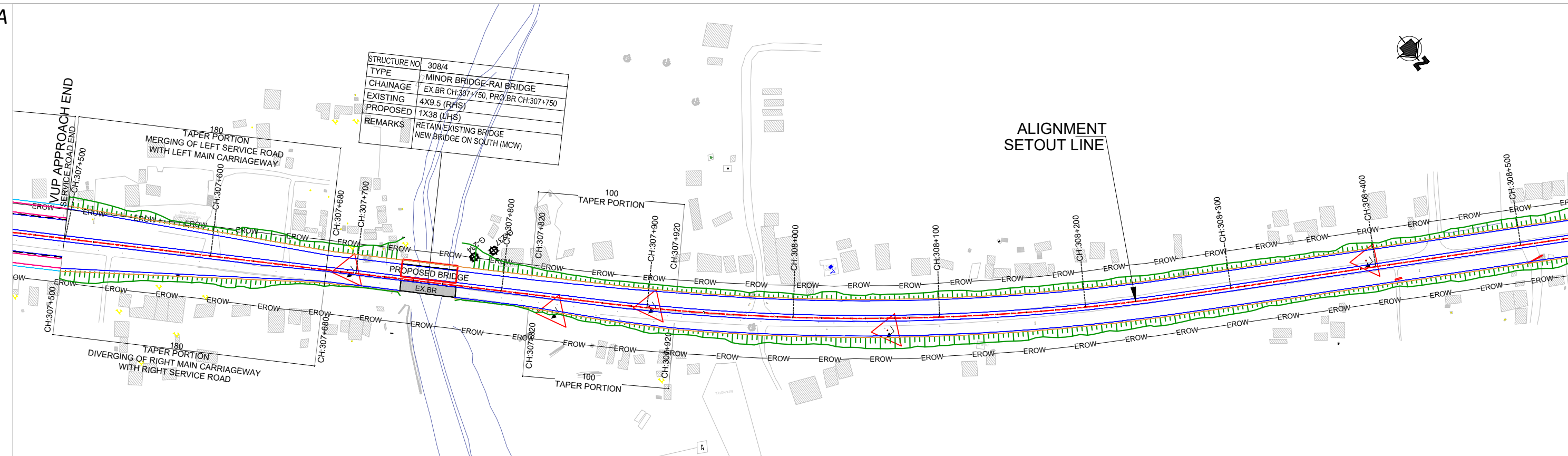
PROPOSED ALIGNMENT	
PROPOSED MAIN CARRIAGEWAY	
PROPOSED SERVICE ROAD	
PROPOSED CYCLE TRACK	
PROPOSED EARTHEN SHOULDER	
EXISTING CARRIAGEWAY	
EXISTING BRIDGE	
PROPOSED BRIDGE	
EXISTING RIGHT OF WAY	



EMPLOYER		PROJECT		DESIGN CONSULTANTS		DESIGN CONSULTANTS		Drawing Name		Scale:		Date:	
				Joint Venture of		Designed By				PLAN: 1:2500		JUNE 2023	
 Government of Nepal Ministry of Physical Infrastructure and Transport Department of Roads Development Cooperation Implementation Division	Strategic Road Connectivity & Trade Improvement Project (SRCTIP) Detailed Design of Upgradation of Kamala-Dhalkebar-Pathlaiya Road Section (130 KM) of Mahendra Highway and Bridges	 EPTISA Servicios De Ingenieria Madrid, Spain	 STUP Consultants Private Limited Kolkatta, India	Mr. Pushkar Poudel Nec.No. 6146	 Signature	PLAN AND PROFILE		Scale: PLAN: 1:2500 PROFILE: HOR= 1:2500 VER= 1:250		Date: JUNE 2023			
				Checked By T.V Rajeev	 Signature								
				Approved By Harikrishna Bhavsar	 Signature	Reference Drawings 1.TYPICAL HORIZONTAL CURVE & ATTAINMENT OF SUPERELEVATION DETAILS- KDP/DDR/HIGHWAY/STD/002/01 2.HORIZONTAL CURVE DETAILS- KDP/DDR/HIGHWAY/STD/002 TO 009 3.TYPICAL CROSS SECTIONS- KDP/DDR/HIGHWAY/TCS/ 001 TO 004 4.TYPICAL CROSS SECTION SCHEDULE- KDP/DDR/HIGHWAY/TCS/ 005 TO 007		Chainage: (km306+500 to km 307+500)		Drawing No. KDP/DPR/HIGHWAY/PP-574 R(0)			
										Sheet No.			

← KAMALA

PATHLAIYA ➡



FINISHED ROAD LEVEL MAIN CARRIAGEWAY LEFT - KERB EDGE	307500	122	138.408	139.122
FINISHED ROAD LEVEL MAIN CARRIAGEWAY RIGHT - KERB EDGE	307500	122	138.408	139.122
EXISTING GROUND	307500	122	136.386	139.122
EXISTING GROUND : (15 M LEFT)	307500	122	136.351	139.122
EXISTING GROUND (15 M RIGHT)	307500	122	136.622	139.122
HORIZONTAL CURVE DATA: MAIN CARRIAGEWAY	L=367.908 Left Transition RL= 75000.000 L=50.000 R=1500.000 L=348.723 R=1500.000 L=348.723 Left Transition RL= 75000.000 L=50.000			
VERTICAL CURVE DATA: MAIN CARRIAGEWAY LEFT - KERB EDGE	L=161.668 G=0.471% L= 240.717 K=614.303 Curve Length=100.000 G=0.091% L= 168.549 K=171.360 Curve Length=80.000 G=0.004% L= 43.363 K=145.749 Curve Length=80.000 K=143.557 Curve Length=100.000 G=0.545% L= 105.928 G=-0.606% L= 324.372 K=89.530 Curve Length= 80.000 G=-0.606% L= 224.581 K=98.235 Curve Length=120.000 G=0.616% L= 162.202			
VERTICAL CURVE DATA: MAIN CARRIAGEWAY RIGHT - KERB EDGE	G=0.471% L= 240.717 K=614.303 Curve Length=100.000 G=0.091% L= 168.549 K=171.360 Curve Length=80.000 G=0.004% L= 43.363 K=145.749 Curve Length=80.000 K=143.557 Curve Length=100.000 G=0.545% L= 105.928 G=-0.606% L= 324.372 K=89.530 Curve Length= 80.000 G=-0.606% L= 224.581 K=98.235 Curve Length=120.000 G=0.616% L= 162.202			
SUPERELEVATION	e=2.963% e=2.963%			
DESIGN SPEED(kmph)	100			
CHAINAGE	307500	307520	307540	307560
	307580	307600	307620	307640
	307660	307680	307700	307720
	307740	307760	307780	307800
	307820	307840	307860	307880
	307900	307920	307940	307960
	307980	308000	308020	308040
	308060	308080	308100	308120
	308140	308160	308180	308200
	308220	308240	308260	308280
	308300	308320	308340	308360
	308380	308400	308420	308440
	308460	308480	308500	

- ### NOTES:
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LEGEND:

PROPOSED ALIGNMENT

PROPOSED MAIN CARRIAGEWAY

PROPOSED SERVICE ROAD

PROPOSED CYCLE TRACK

PROPOSED EARTHEN SHOULDER

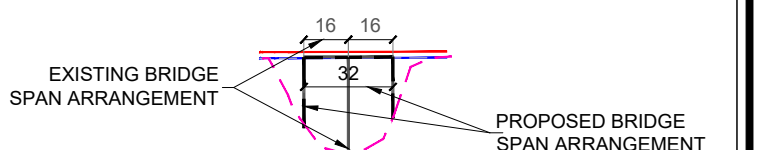
EXISTING CARRIAGEWAY

EXISTING BRIDGE

PROPOSED BRIDGE

EXISTING RIGHT OF WAY

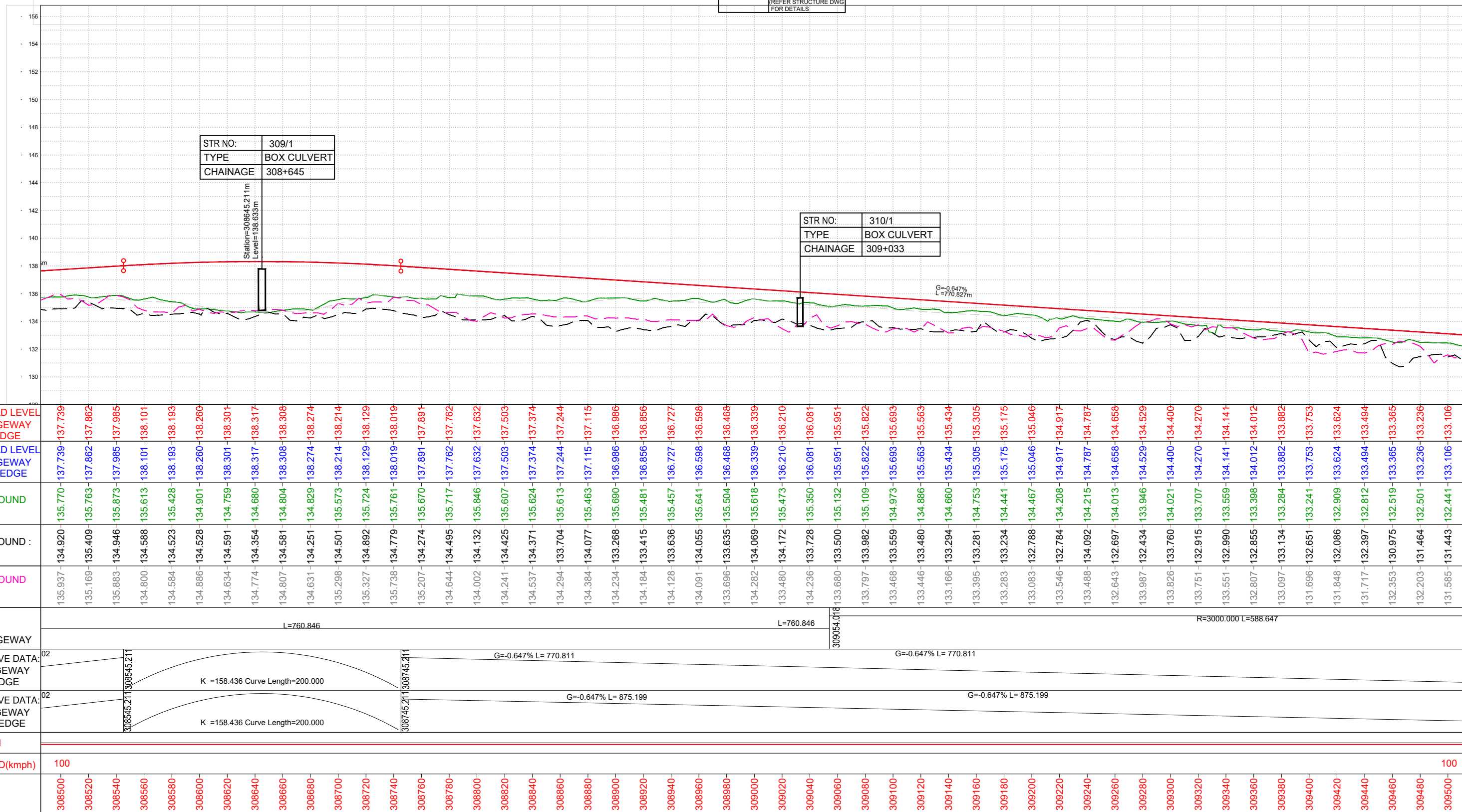
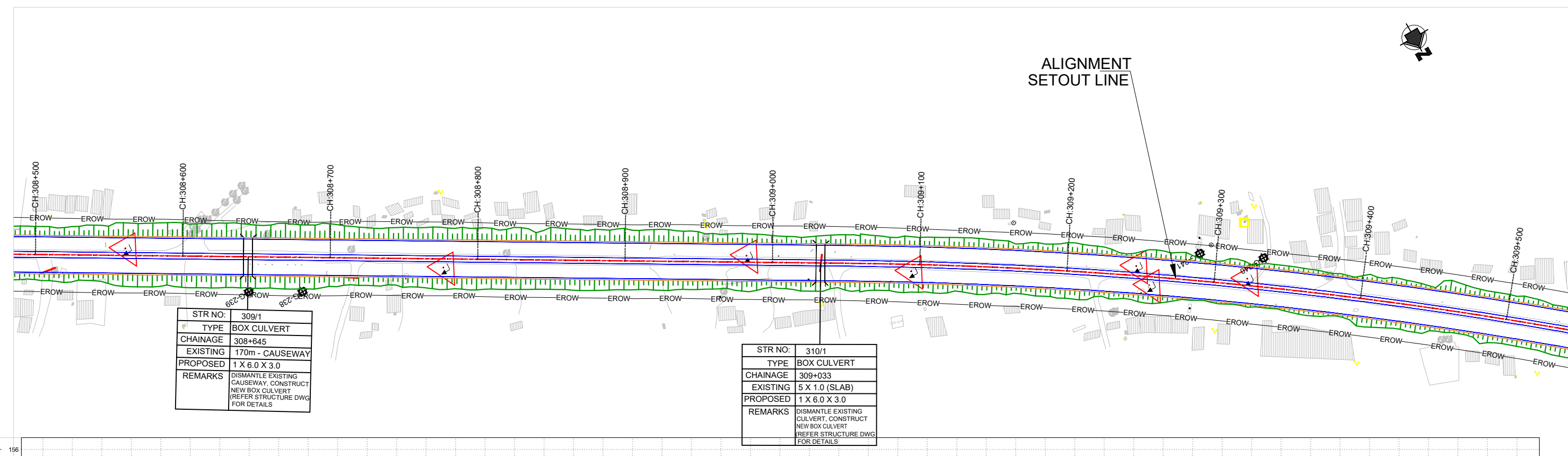
EROW



EMPLOYER	PROJECT	DESIGN CONSULTANTS	Mr. Pushkar Poudel	Drawing Name	Scale:	Date:
 Government of Nepal Ministry of Physical Infrastructure and Transport Department of Roads Development Cooperation Implementation Division	Strategic Road Connectivity & Trade Improvement Project (SRCTIP) Detailed Design of Upgradation of Kamala-Dhalkebar-Pathlaiya Road Section (130 KM) of Mahendra Highway and Bridges	Joint Venture of  EPTISA Servicios De Ingenieria Madrid, Spain  STUP Consultants Private Limited Kolkatta, India	Designed By Nec.No. 6146 	PLAN AND PROFILE	PLAN: 1:2500 PROFILE: HOR= 1:2500 VER= 1:250	JUNE 2023
		Checked By T.V.Rajeev Nec.No. 	Reference Drawings 1.TYPICAL HORIZONTAL CURVE & ATTAINMENT OF SUPERELEVATION DETAILS- KDP/DDR/HIGHWAY/STD/001 2.HORIZONTAL CURVE DETAILS- KDP/DDR/HIGHWAY/STD/002 TO 009 3.TYPICAL CROSS SECTIONS- KDP/DDR/HIGHWAY/TC/001 TO 004 4.TYPICAL CROSS SECTION SCHEDULE- KDP/DDR/HIGHWAY/TC/005 TO 007		Chainage: (km307+500 to km 308+500)	Drawing No. KDP/DPR/HIGHWAY/PP-575 R(0)
		Approved By Harikrishna Bhavsar Nec.No. 	In Association With Udaya Consultancy, Geocom International, Sundar Kriti Consultant and Rays Consultant Private Limited		Sheet No.	

KAMALA

PATHLAIYA



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 - PROPOSED CYCLE TRACK
 - PROPOSED EARTHEN SHOULDER
 - EXISTING CARRIAGEWAY
 - EXISTING BRIDGE
 - PROPOSED BRIDGE
 - EXISTING RIGHT OF WAY
- EXISTING BRIDGE SPAN ARRANGEMENT
- PROPOSED BRIDGE SPAN ARRANGEMENT

EMPLOYER

PROJECT

DESIGN CONSULTANTS



Government of Nepal
Ministry of Physical Infrastructure and Transport
Department of Roads
Development Cooperation Implementation
Division

Strategic Road Connectivity & Trade Improvement Project
(SRCTIP)
Detailed Design of Upgradation of Kamala-Dhalkebar-Pathlaiya
Road Section (130 KM) of Mahendra Highway and Bridges



EPTISA Servicios De Ingeniera
Madrid, Spain



STUP Consultants Private Limited
Kolkatta, India

In Association With
Udaya Consultancy, Geocom International, Sundar Kriti Consultant and Rays
Consultant Private Limited

Designed By

Mr.
Pushkar Poudel
Nec.No. 6146

Checked By

Mr.
T.V. Rajeev
Nec.No.

Approved By

Mr.
Harikrishna Bhavsar
Nec.No.

Signature

Signature

Signature

Signature

Drawing Name

PLAN AND PROFILE

Reference Drawings

1.TYPICAL HORIZONTAL CURVE & ATTAINMENT
OF SUPERELEVATION DETAILS- KDP/DDR/HIGHWAY/STD/001
2.HORIZONTAL CURVE DETAILS- KDP/DDR/HIGHWAY/STD/002 TO 009
3.TYPICAL CROSS SECTIONS- KDP/DDR/HIGHWAY/TCS/ 001 TO 004
4.TYPICAL CROSS SECTION SCHEDULE- KDP/DDR/HIGHWAY/TCS/ 005 TO 007

Scale:

PLAN: 1:2500
PROFILE: HOR= 1:2500
VER= 1:250

Chainage:

(km308+500 to km 309+500)

Date:

JUNE 2023

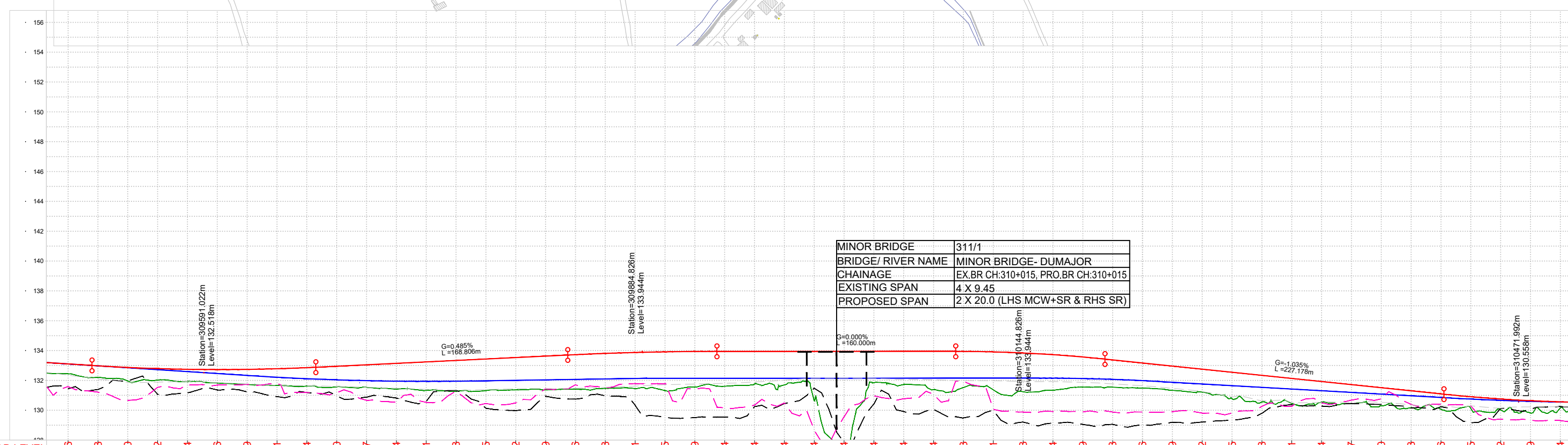
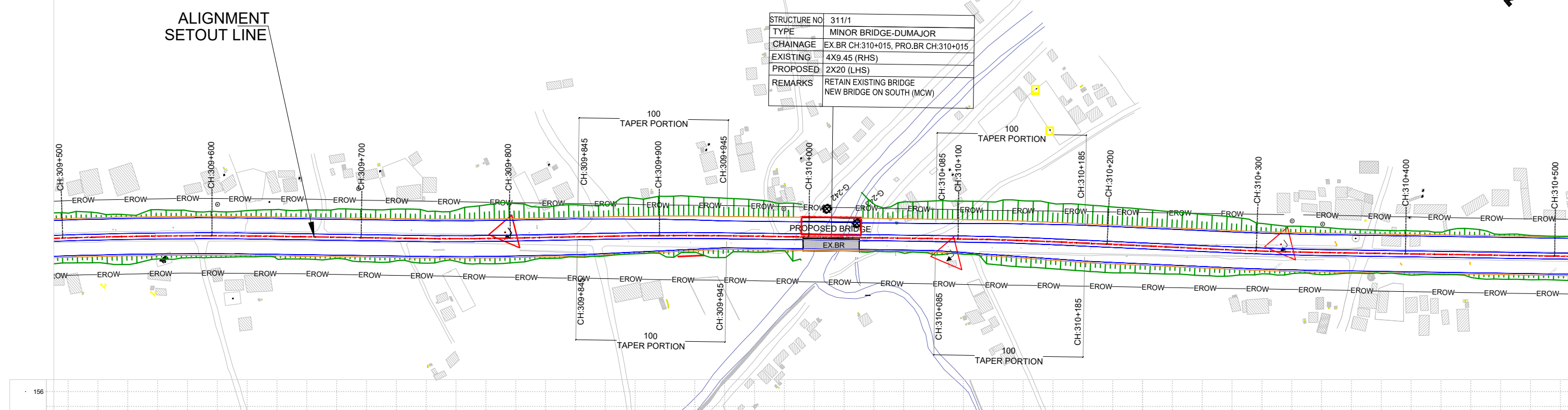
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KDP/DPR/HIGHWAY/PP-576 R(0)

Sheet No.

← KAMALA

PATHLAIYA ➡

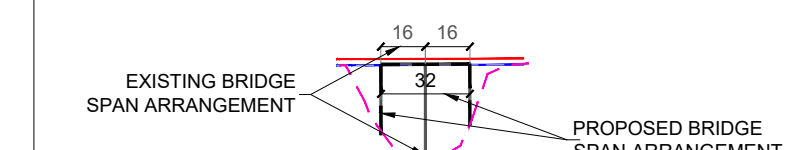
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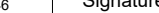
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LEGEND:

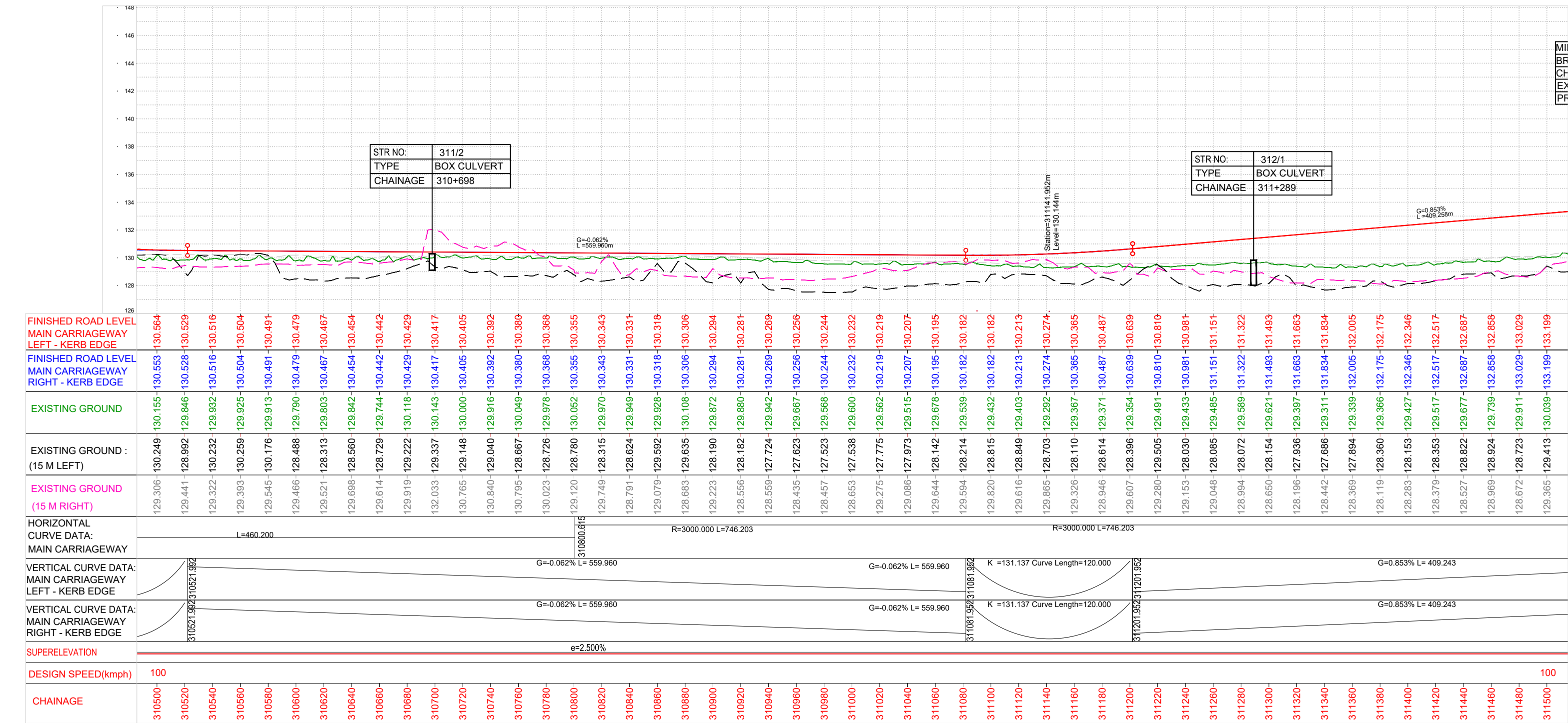
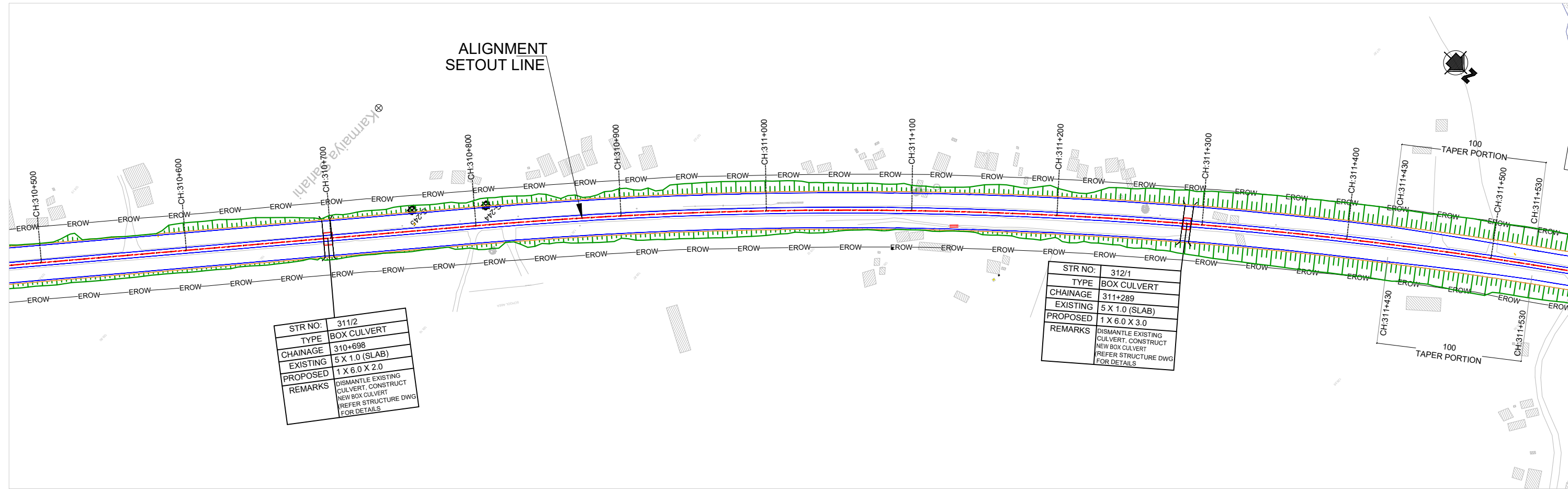
PROPOSED ALIGNMENT	
PROPOSED MAIN CARRIAGEWAY	
PROPOSED SERVICE ROAD	
PROPOSED CYCLE TRACK	
PROPOSED EARTHEN SHOULDER	
EXISTING CARRIAGEWAY	
EXISTING BRIDGE	
PROPOSED BRIDGE	
EXISTING RIGHT OF WAY	



EMPLOYER		PROJECT		DESIGN CONSULTANTS		DESIGNED BY		DRAWING NAME		SCALE:		DATE:	
				Joint Venture of						PLAN: 1:2500			
 Government of Nepal Ministry of Physical Infrastructure and Transport Department of Roads Development Cooperation Implementation Division	Strategic Road Connectivity & Trade Improvement Project (SRCTIP) Detailed Design of Upgradation of Kamala-Dhalkebar-Pathlaiya Road Section (130 KM) of Mahendra Highway and Bridges	 EPTISA Servicios De Ingenieria Madrid, Spain	 STUP Consultants Private Limited Kolkatta, India	Mr. Pushkar Poudel 	PLAN AND PROFILE		Scale: <u>PLAN:</u> 1:2500		Date: JUNE 2023				
				Nec.No. 6146 Mr.			Signature	<u>PROFILE:</u> HOR= 1:2500 VER= 1:250		Drawing No.			
				Checked By T.V.Rajeev Nec.No. Mr.	Signature	Reference Drawings 1.TYPICAL HORIZONTAL CURVE & ATTAINMENT OF SUPERELEVATION DETAILS- KDP/DDR/HIGHWAY/STD/002/001 2.HORIZONTAL CURVE DETAILS- KDP/DDR/HIGHWAY/STD/002/009 3.TYPICAL CROSS SECTIONS- KDP/DDR/HIGHWAY/TCS/ 001 TO 004 4.TYPICAL CROSS SECTION SCHEDULE- KDP/DDR/HIGHWAY/TCS/ 005 TO 007		Chainage: (km309+500 to km 310+500)		KDP/DPR/HIGHWAY/PP-577 R(0)			
Approved By Harikrishna Bhavsar Nec.No.	Signature	In Association With Udaya Consultancy, Geocom International, Sundar Kriti Consultant and Rays Consultant Private Limited		Sheet No.									

← KAMALA

PATHLAIYA →



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- EXISTING BRIDGE
- PROPOSED BRIDGE
- EXISTING RIGHT OF WAY

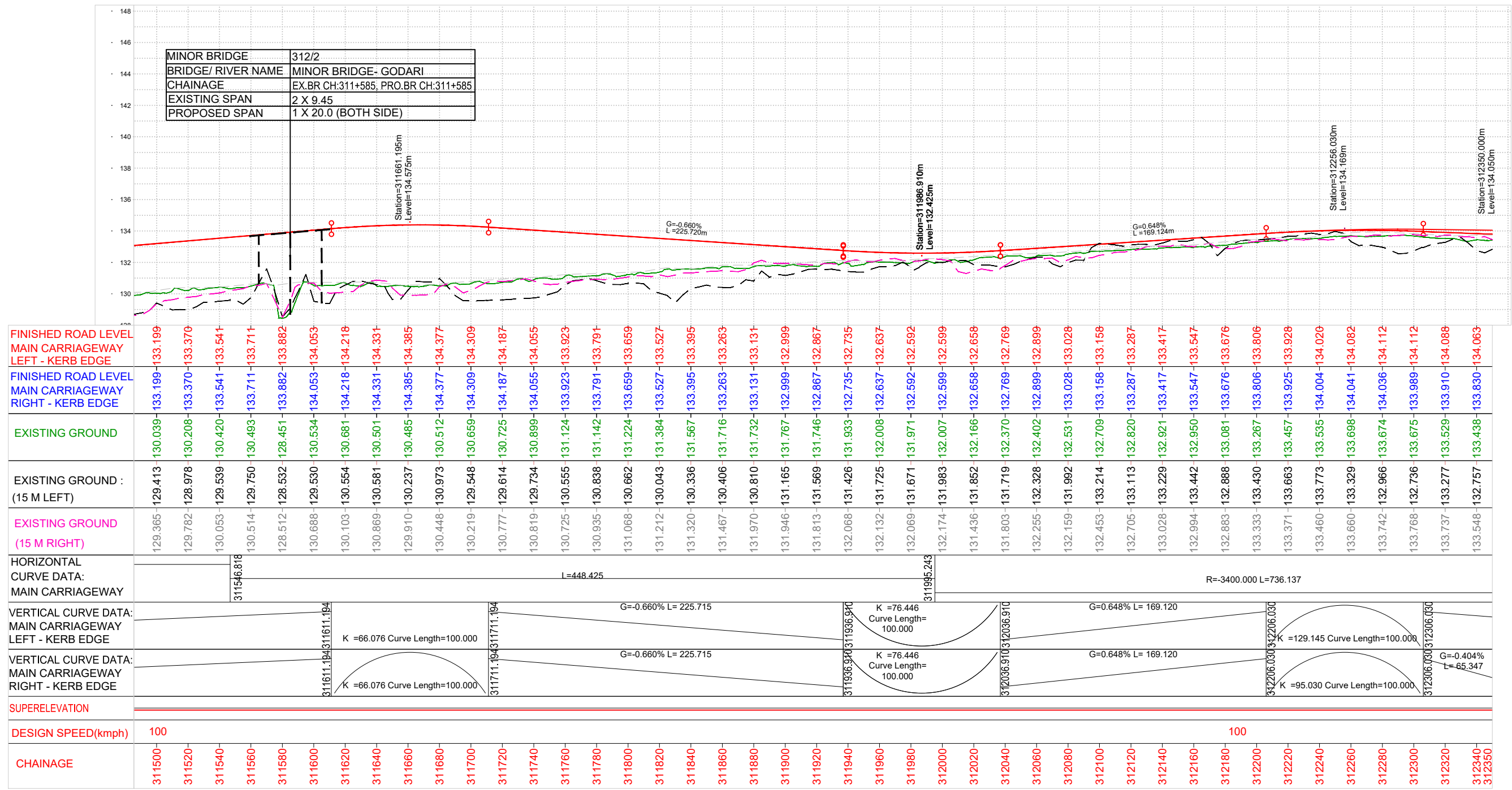
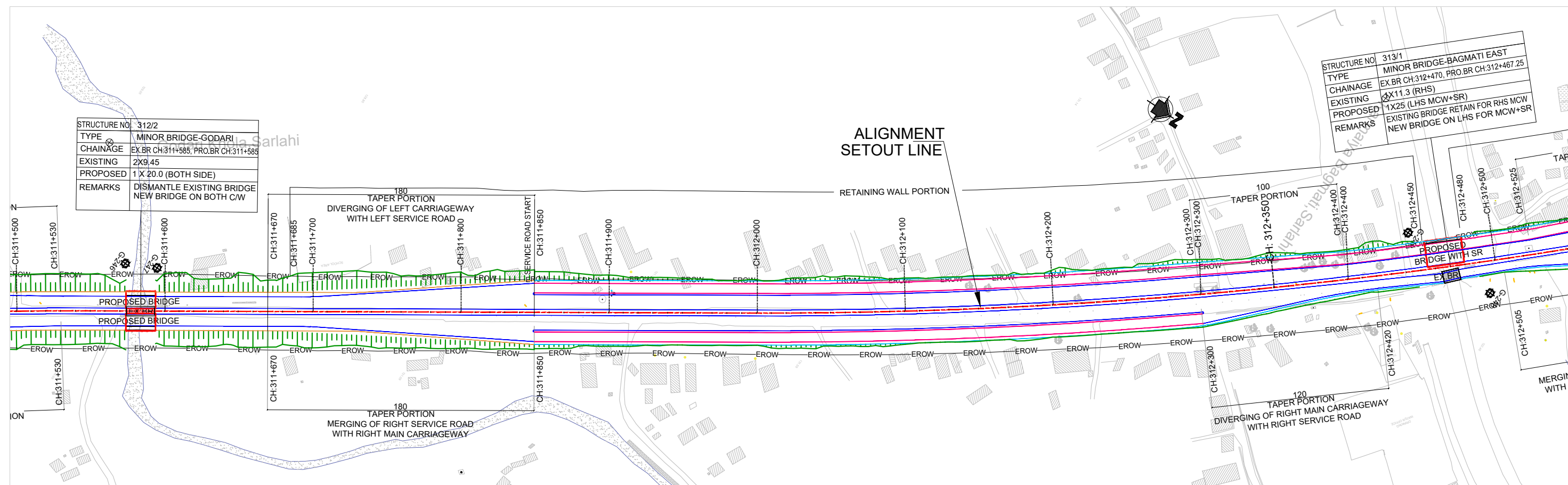
EXISTING BRIDGE SPAN ARRANGEMENT

PROPOSED BRIDGE SPAN ARRANGEMENT

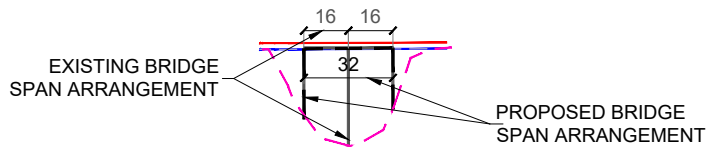
EMPLOYER	PROJECT	DESIGN CONSULTANTS	Designed By	Checked By	Approved By	Drawing Name	Scale:	Date:
 Government of Nepal Ministry of Physical Infrastructure and Transport Department of Roads Development Cooperation Implementation Division	Strategic Road Connectivity & Trade Improvement Project (SRCTIP) Detailed Design of Upgradation of Kamala-Dhalkebar-Pathlaiya Road Section (130 KM) of Mahendra Highway and Bridges	EPTISA Servicios De Ingeniera Madrid, Spain STUP Consultants Private Limited Kolkatta, India In Association With Udaya Consultancy, Geocom International, Sundar Kriti Consultant and Rays Consultant Private Limited	Mr. Pushkar Poudel Nec.No. 6146	Signature	Reference Drawings 1.TYPICAL HORIZONTAL CURVE & ATTAINMENT OF SUPERELEVATION DETAILS- KDP/DDR/HIGHWAY/STD/001 2.HORIZONTAL CURVE DETAILS- KDP/DDR/HIGHWAY/STD/002 TO 009 3.TYPICAL CROSS SECTIONS- KDP/DDR/HIGHWAY/TCS/ 001 TO 004 4.TYPICAL CROSS SECTION SCHEDULE- KDP/DDR/HIGHWAY/TCS/ 005 TO 007	PLAN AND PROFILE	Scale: PLAN: 1:2500 PROFILE: HOR= 1:2500 VER= 1:250	JUNE 2023
			Mr. T.V. Rajeev Nec.No.	Signature			Chainage: (km310+500 to km 311+500)	Drawing No. KDP/DPR/HIGHWAY/PP-578 R(0) Sheet No.
			Mr. Harikrishna Bhavsar Nec.No.	Signature				

← KAMALA

PATHLAIYA →

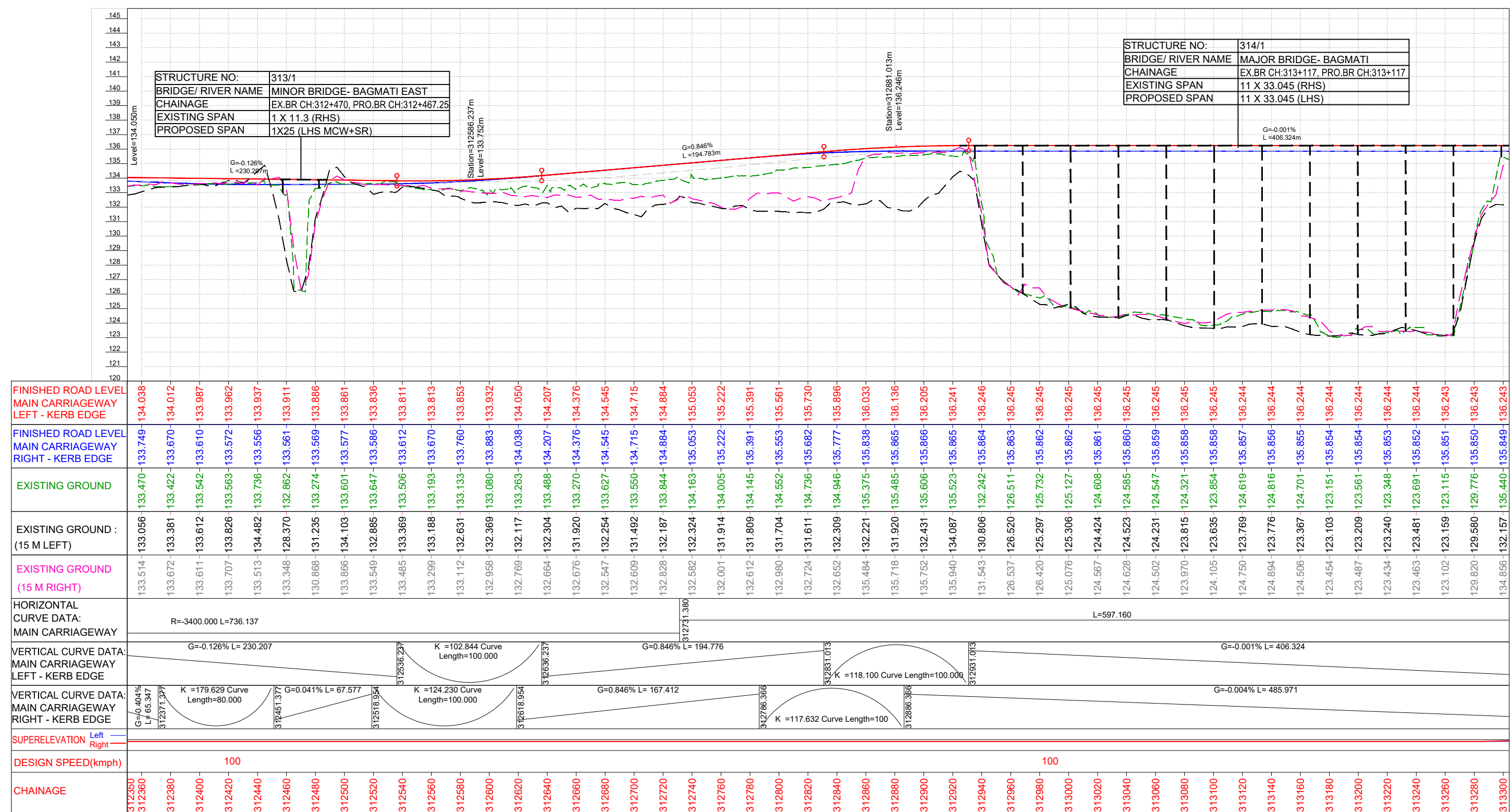
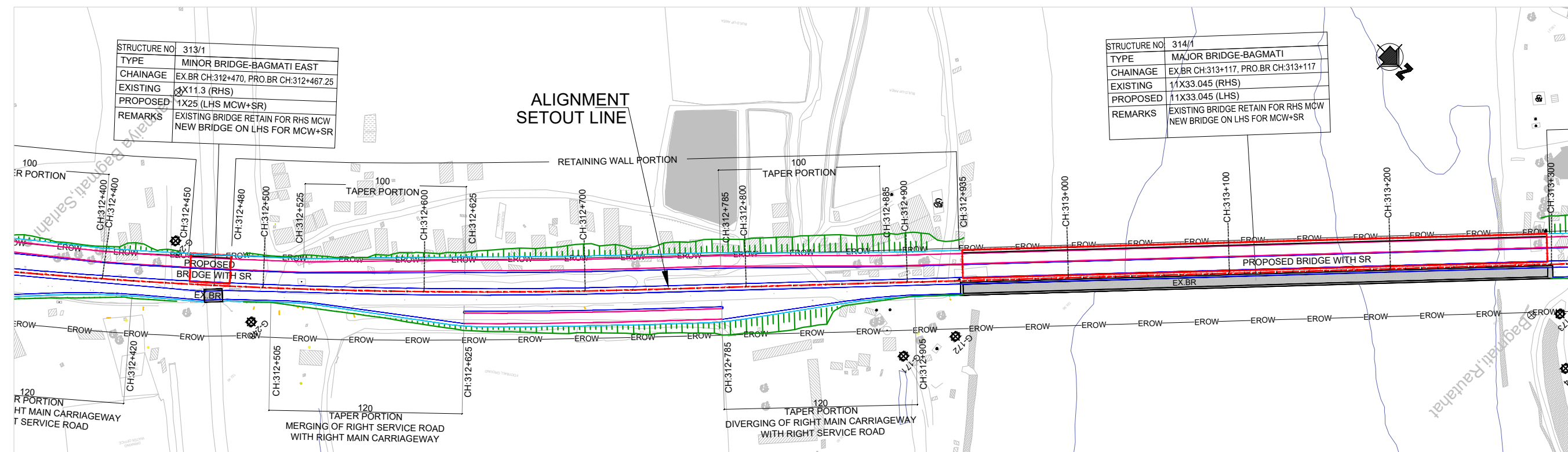


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EMPLOYER	PROJECT	DESIGN CONSULTANTS	Designed By	Drawing Name	Scale:	Date:
 Government of Nepal Ministry of Physical Infrastructure and Transport Department of Roads Development Cooperation Implementation Division	Strategic Road Connectivity & Trade Improvement Project (SRCTIP) Detailed Design of Upgradation of Kamala-Dhalkebar-Pathlaiya Road Section (130 KM) of Mahendra Highway and Bridges	 EPTISA Servicios De Ingenieria Madrid, Spain  STUP Consultants Private Limited Kolkatta, India In Association With Udaya Consultancy, Geocom International, Sundar Kriti Consultant and Rays Consultant Private Limited	Mr. Pushkar Poudel Nec.No. 6146 Mr. T.V. Rajeev Nec.No. Mr. Harikrishna Bhavsar Nec.No.	PLAN AND PROFILE Reference Drawings 1. TYPICAL HORIZONTAL CURVE & ATTAINMENT OF SUPERELEVATION DETAILS- KDP/DDR/HIGHWAY/STD/001 2. HORIZONTAL CURVE DETAILS- KDP/DDR/HIGHWAY/STD/002 TO 009 3. TYPICAL CROSS SECTIONS- KDP/DDR/HIGHWAY/TCS/ 001 TO 004 4. TYPICAL CROSS SECTION SCHEDULE- KDP/DDR/HIGHWAY/TCS/ 005 TO 007	PLAN: 1:2500 PROFILE: HOR= 1:2500 VER= 1:250 Chainage: (km311+500 to km 312+350)	JUNE 2023 Drawing No. KDP/DPR/HIGHWAY/PP-579 R(0) Sheet No.

PATHLAIYA ➡

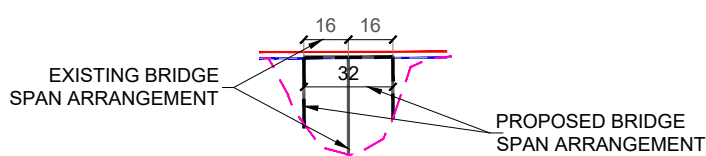


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PROPOSED SERVICE ROAD	—
PROPOSED CYCLE TRACK	—
PROPOSED EARTHEN SHOULDER	—
EXISTING CARRIAGEWAY	—
EXISTING BRIDGE	
PROPOSED BRIDGE	
EXISTING RIGHT OF WAY	— EROW



EMPLOYER	PROJECT	DESIGN CONSULTANTS			Mr. Pushkar Poudel		Drawing Name		Scale:	Date:
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		 EPTISA Servicios De Ingenieria Madrid, Spain	 STUP Consultants Private Limited Kolkatta, India	Checked By	Mr. T.V. Rajeev				PROFILE: HOR= 1:2500 VER= 1:250	Drawing No. KDP/DPR/HIGHWAY/PP-580 R(0)
		In Association With Udaya Consultancy, Geocom International, Sundar Kriti Consultant and Rays Consultant Private Limited		Approved By	Mr. Harikrishna Bhavsar			Reference Drawings 1.TYPICAL HORIZONTAL CURVE & ATTAINMENT OF SUPERELEVATION DETAILS- KDP/DDR/HIGHWAY/STD/001 2.HORIZONTAL CURVE DETAILS- KDP/DDR/HIGHWAY/STD/002 TO 009 3.TYPICAL CROSS SECTIONS- KDP/DDR/HIGHWAY/TCS/ 001 TO 004 4.TYPICAL CROSS SECTION SCHEDULE- KDP/DDR/HIGHWAY/TCS/ 005 TO 007	Chainage: (km312+350 to km 313+300)	Sheet No.