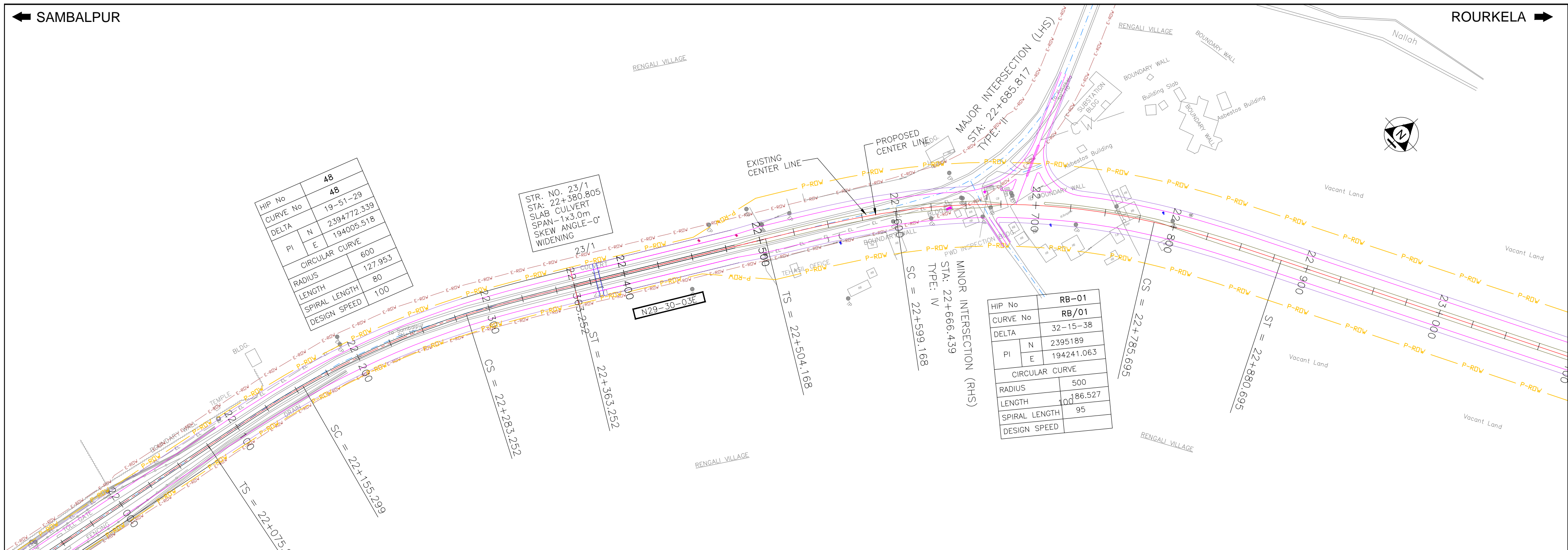
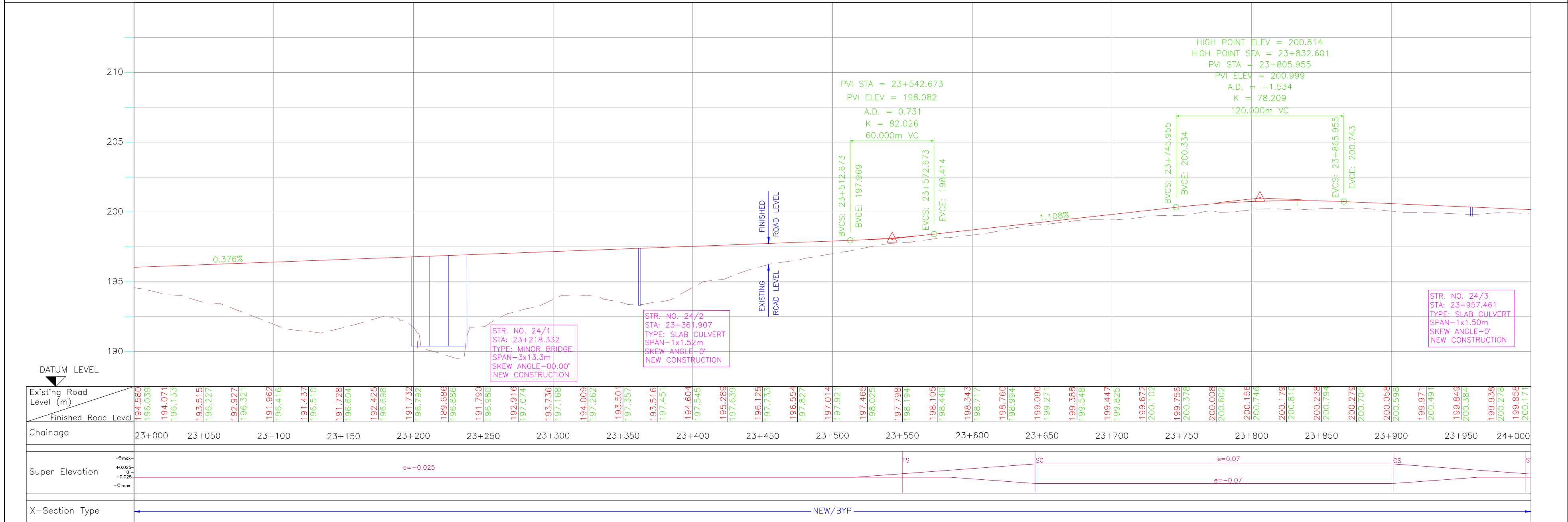
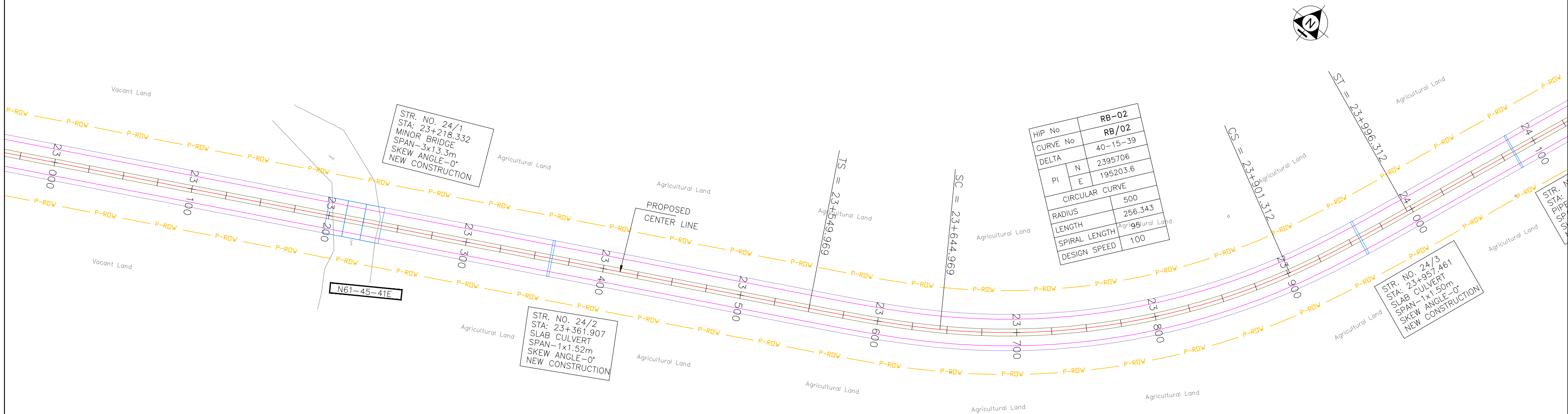


				Date	April 2010	Drawing Title :	Scale :	CONSULTANTS:	Pricewaterhouse Coopers Pvt. Ltd.	Client:	GOVERNMENT OF ORISSA
				Drawn By	Tabish Javed	PLAN AND PROFILE	0 20 40 60 80 100m		Building 8, 7th & 8th Floor,		WORKS DEPARTMENT
				Designed By	Subir Roy	KM 21+000 TO KM 22+000	Horizontal Scale		Tower B, DLF Cyber City,		
				Checked By	S.Rakshit	(SAMBALPUR - ROURKELA)	0 2 4 6 8 10m		Gurgaon-122001	Project:	PPP TECHNO-ECONOMIC FEASIBILITY STUDY AND
Mkd.	Descriptions	Date	By	Approved By	Avadesh	Drawing Number :	Vertical Scale		In JV With		TRANSACTION ADVISOR FOR SELECTED
						73231\LASA\HIGHWAYS\PPP\PP - 18			LEA Associates South Asia Pvt. Ltd.		STATE ROADS IN THE STATE OF ORISSA
									B-1/E-27, Mohan Co-operative Industrial Estate,		
									Mathura Road, New Delhi-110044.		

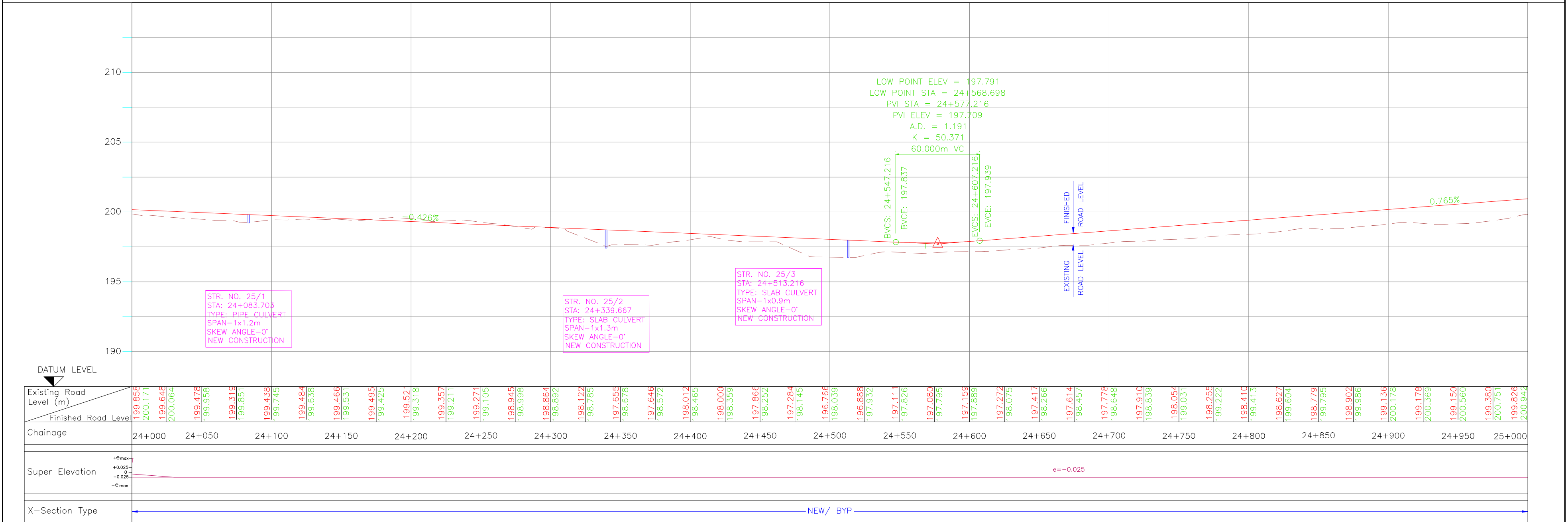
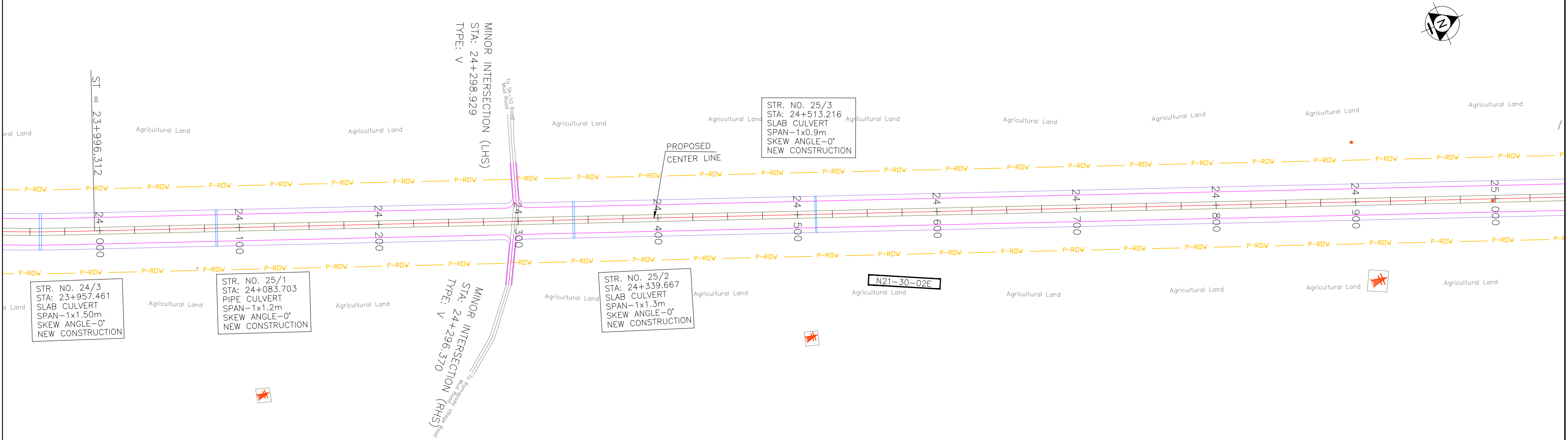


				Date	Dec 2010	Drawing Title :	Scale :	CONSULTANTS:	Pricewaterhouse Coopers Pvt. Ltd.	Client:	GOVERNMENT OF ORISSA
				Drawn By	Joemon	PLAN AND PROFILE	0 20 40 60 80 100m		Building B, 7th & 8th Floor,	WORKS DEPARTMENT	
				Designed By	Subir Roy	KM 22+000 TO KM 23+000	Horizontal Scale		Tower B, DLF Cyber City,		
				Checked By	S.Rakshit	(SAMBALPUR - ROURKELA)	0 2 4 6 8 10m		Gurgaon-122001	Project:	PPP TECHNO-ECONOMIC FEASIBILITY STUDY AND
				Approved By	Avadesh	Drawing Number :	Vertical Scale		In JV With		TRANSACTION ADVISOR FOR SELECTED
Mkd.	Descriptions	Date	By			73231\LASA\HIGHWAYS\PPP\PP - 19			LEA Associates South Asia Pvt. Ltd.		STATE ROADS IN THE STATE OF ORISSA
									B-1/E-27, Mohan Co-operative Industrial Estate,		
									Mathura Road, New Delhi-110044.		



				Date	Dec 2010	Drawing Title :	Scale :	CONSULTANTS:	Client:
				Drawn By	Joemon	PLAN AND PROFILE	0 20 40 60 80 100m	Pricewaterhouse Coopers Pvt. Ltd.	GOVERNMENT OF ORISSA
				Designed By	Subir Roy	KM 23+000 TO KM 24+000	Horizontal Scale	Building B, 7th & 8th Floor, Tower B, DLF Cyber City, Gurgaon-122001	WORKS DEPARTMENT
				Checked By	S.Rakshit	(SAMBALPUR - ROURKELA)	0 2 4 6 8 10m	LEA Associates South Asia Pvt. Ltd.	Project: PPP TECHNO-ECONOMIC FEASIBILITY STUDY AND
Mkd.	Descriptions	Date	By	Approved By	Avadesh	Drawing Number :	Vertical Scale	B-1/E-27, Mohan Co-operative Industrial Estate, Mathura Road, New Delhi-110044.	TRANSACTION ADVISOR FOR SELECTED
REVISION						73231\LASA\HIGHWAYS\PPP\PP - 20			STATE ROADS IN THE STATE OF ORISSA

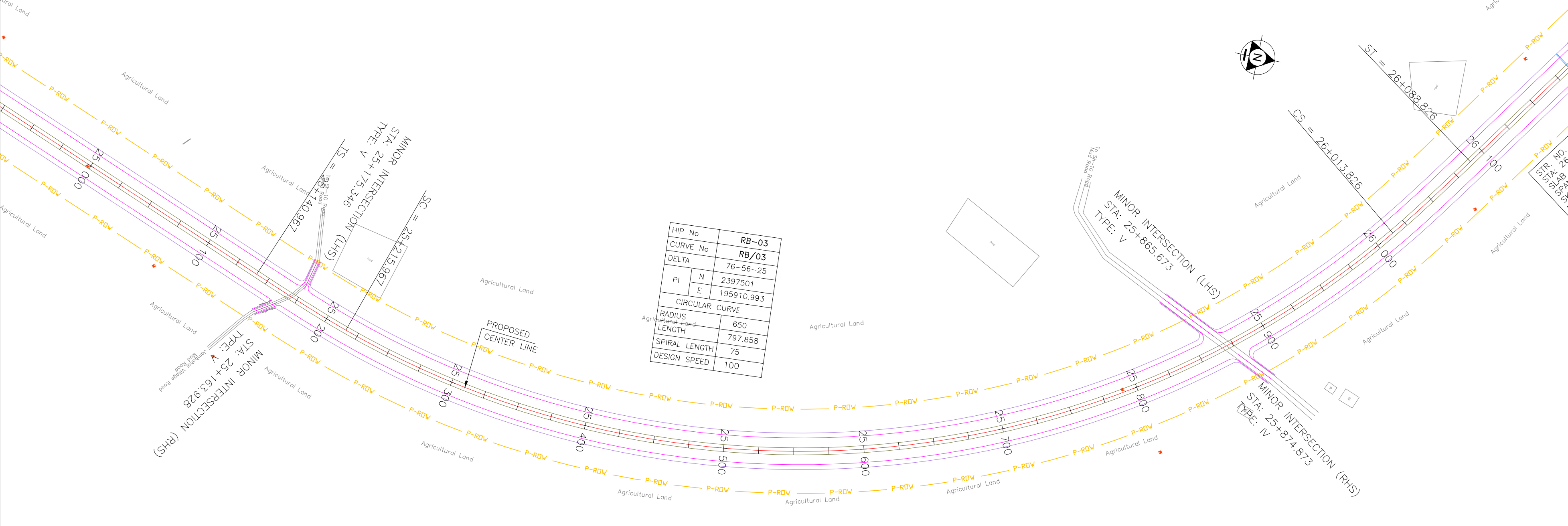




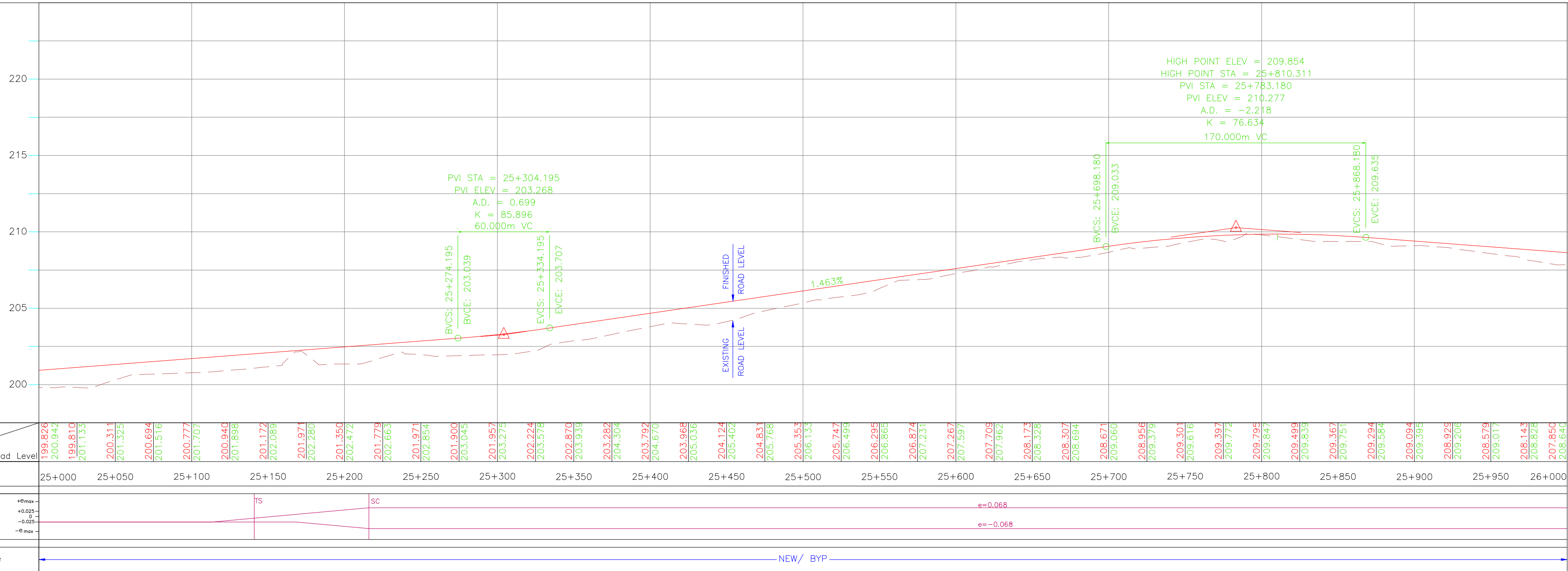
				Date	Dec 2010	Drawing Title :  <b>PLAN AND PROFILE KM 24+000 TO KM 25+000 (SAMBALPUR - ROURKELA)</b>	Scale :  Horizontal Scale 	<div>CONSULTANTS:</div> <div> <b>Pricewaterhouse Coopers Pvt. Ltd.</b> Building 8, 7th &amp; 8th Floor, Tower B, DLF Cyber City, Gurgaon-122001 In JV With</div> <div> <b>LEA Associates South Asia Pvt. Ltd.</b> B-1/E-27, Mohan Co-operative Industrial Estate, Mathura Road, New Delhi-110044.</div>	Client:	<b>GOVERNMENT OF ORISSA</b> WORKS DEPARTMENT
				Drawn By	Joemon		Project:		<b>PPP TECHNO-ECONOMIC FEASIBILITY STUDY AND TRANSACTION ADVISOR FOR SELECTED STATE ROADS IN THE STATE OF ORISSA</b>	
				Designed By	Subir Roy					
Mkd.	Descriptions	Date	By	Checked By	S.Rakshit					
REVISION				Approved By	Avadesh	Drawing Number : 73231\LASA\HIGHWAYS\PPP\PP - 21				

← SAMBALPUR

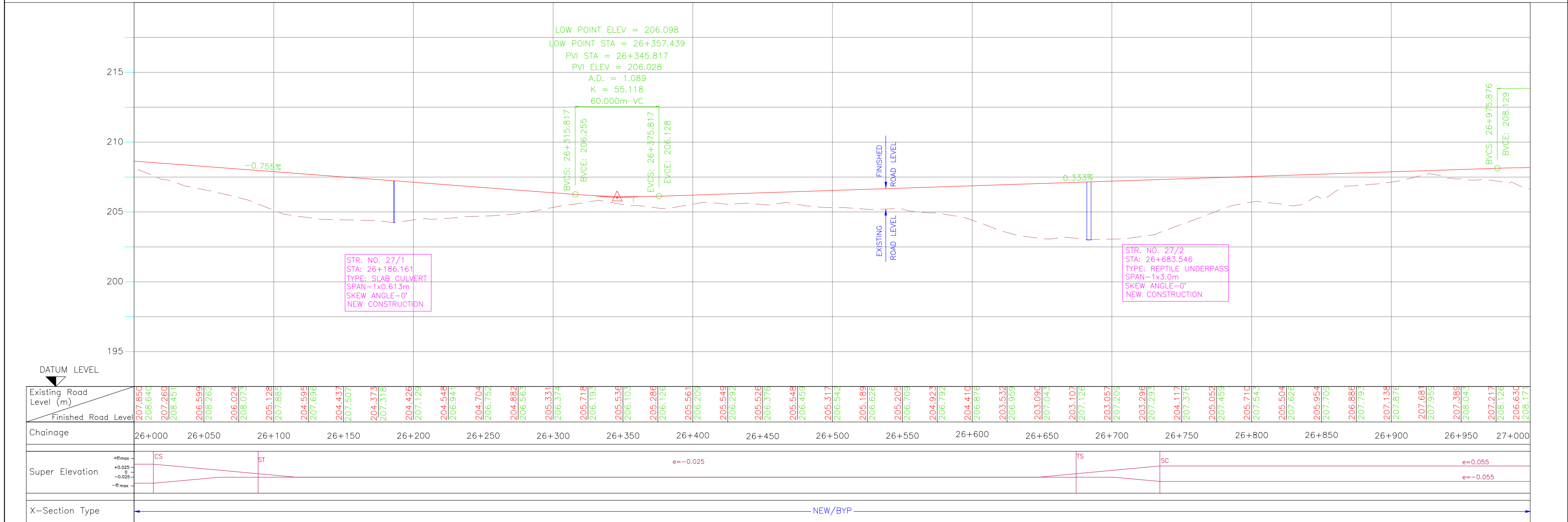
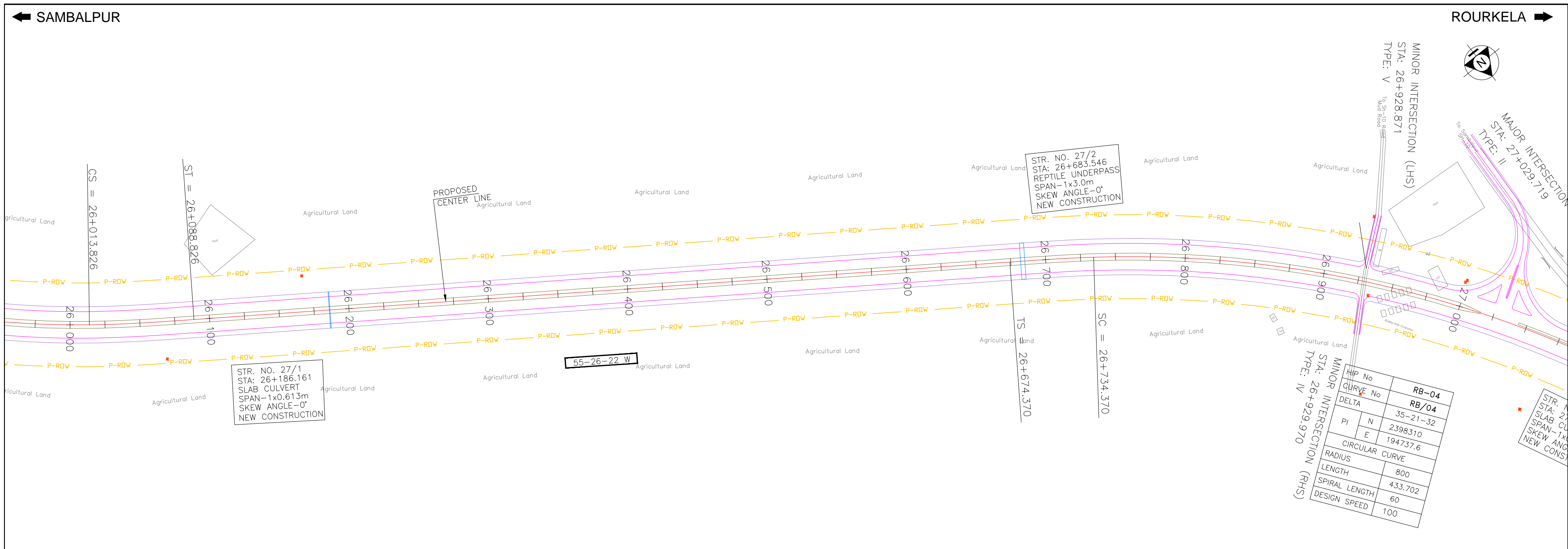
ROURKELA →



HIP No	RB-03
CURVE No	RB/03
DELTA	76-56-25
PI	N 2397501
E	195910.993
CIRCULAR CURVE	
RADIUS	650
LENGTH	797.858
SPIRAL LENGTH	75
DESIGN SPEED	100

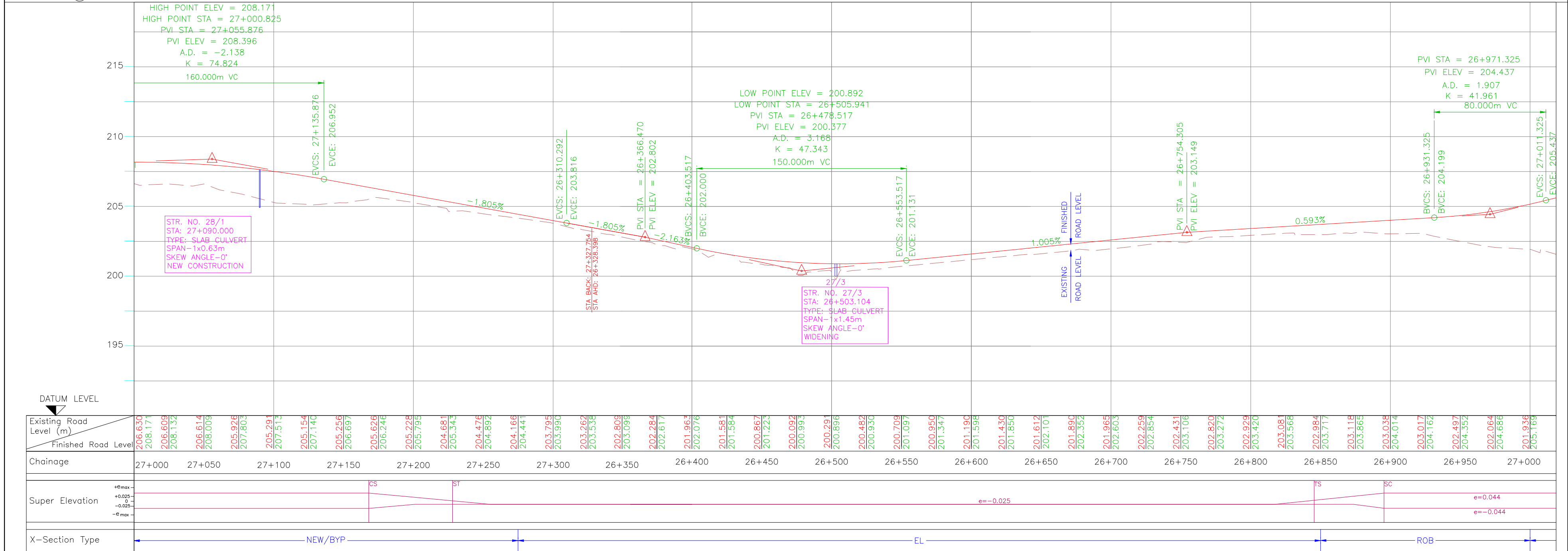
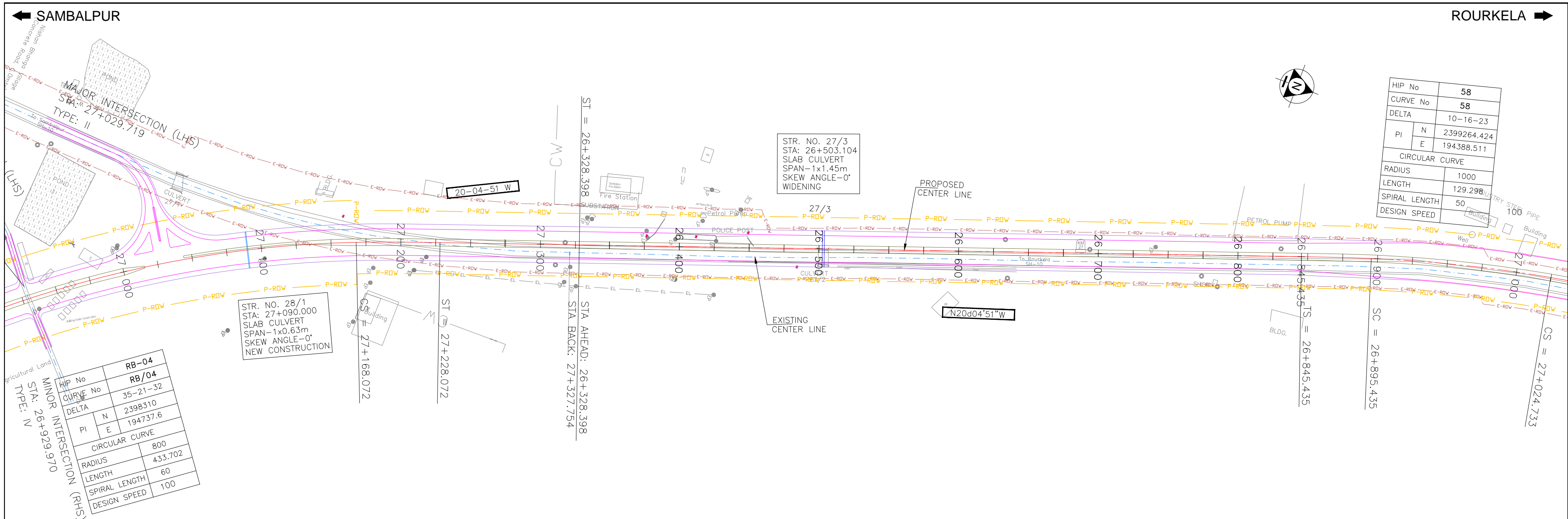


				Date	Dec 2010	Drawing Title :	Scale :	CONSULTANTS:	Pricewaterhouse Coopers Pvt. Ltd.	Client:	GOVERNMENT OF ORISSA
				Drawn By	Joemon	PLAN AND PROFILE	0 20 40 60 80 100m		Building B, 7th & 8th Floor,		WORKS DEPARTMENT
				Designed By	Subir Roy	KM 25+000 TO KM 26+000	Horizontal Scale		Tower B, DLF Cyber City,		
				Checked By	S.Rakshit	(SAMBALPUR - ROURKELA)	0 2 4 6 8 10m		Gurgaon-122001	Project:	PPP TECHNO-ECONOMIC FEASIBILITY STUDY AND
Mkd.	Descriptions	Date	By	Approved By	Avadesh	Drawing Number :	Vertical Scale		In JV With		TRANSACTION ADVISOR FOR SELECTED
						73231\LASA\HIGHWAYS\PPP\PP - 22			LEA Associates South Asia Pvt. Ltd.		STATE ROADS IN THE STATE OF ORISSA
									B-1/E-27, Mohan Co-operative Industrial Estate,		
									Mathura Road, New Delhi-110044.		

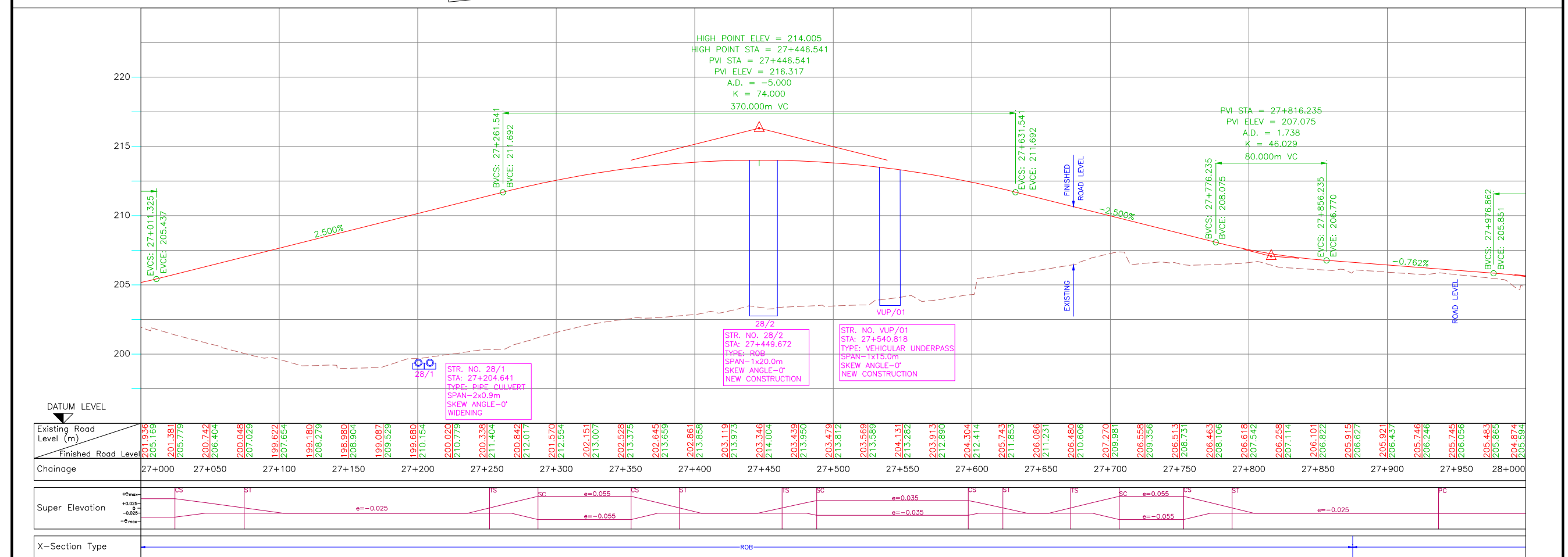


				Date	Dec 2010	Drawing Title :	Scale :	CONSULTANTS:	Pricewaterhouse Coopers Pvt. Ltd.	Client:	GOVERNMENT OF ORISSA
				Drawn By	Joemon	PLAN AND PROFILE	0 20 40 60 80 100m		Building B, 7th & 8th Floor,	WORKS DEPARTMENT	
				Designed By	Subir Roy	KM 26+000 TO KM 27+000	Horizontal Scale		Tower B, DLF Cyber City,		
				Checked By	S.Rakshit	(SAMBALPUR - ROURKELA)	0 2 4 6 8 10m		Gurgaon-122001	Project:	PPP TECHNO-ECONOMIC FEASIBILITY STUDY AND
				Approved By	Avadesh	Drawing Number :	Vertical Scale		In JV With		TRANSACTION ADVISOR FOR SELECTED
Mkd.	Descriptions	Date	By			73231\LASA\HIGHWAYS\PPP\PP - 23			LEA Associates South Asia Pvt. Ltd.		STATE ROADS IN THE STATE OF ORISSA
									B-1/E-27, Mohan Co-operative Industrial Estate,		
									Mathura Road, New Delhi-110044.		



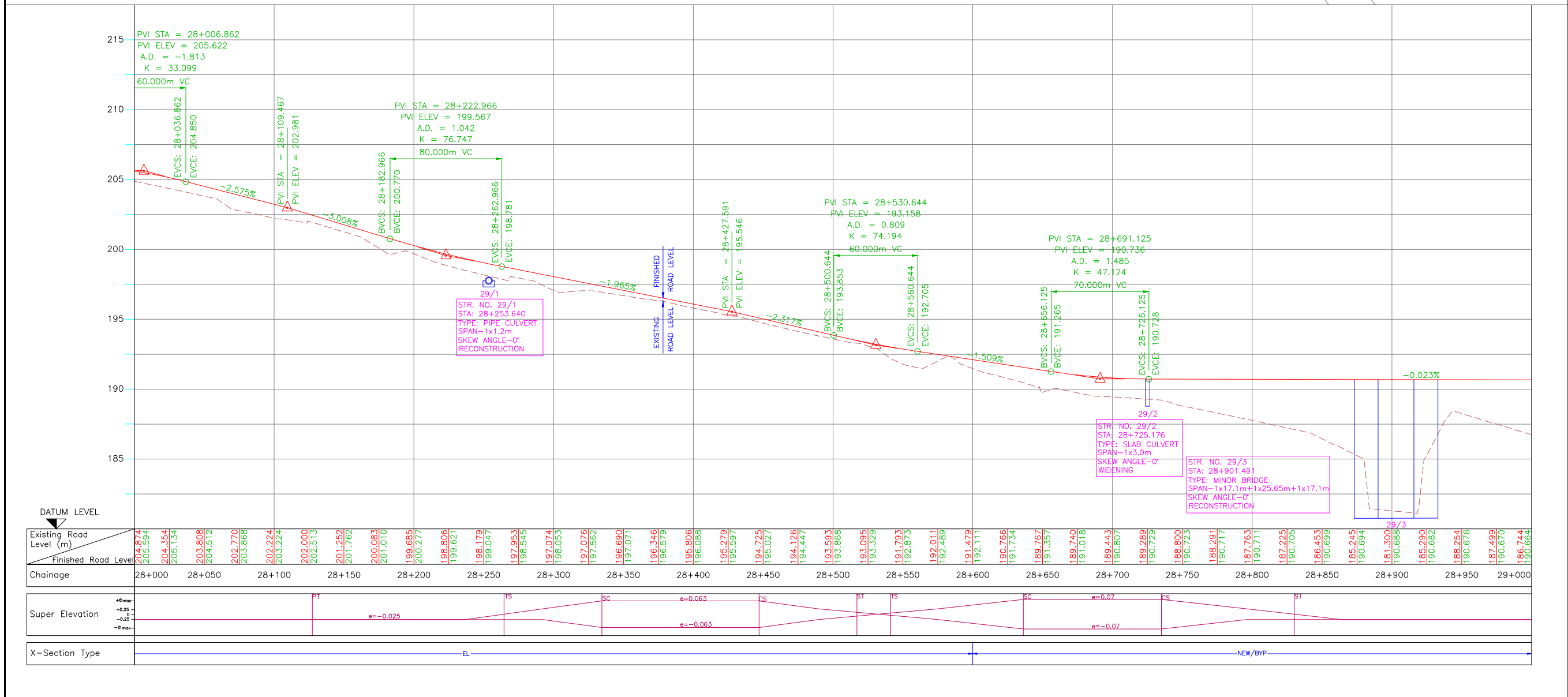
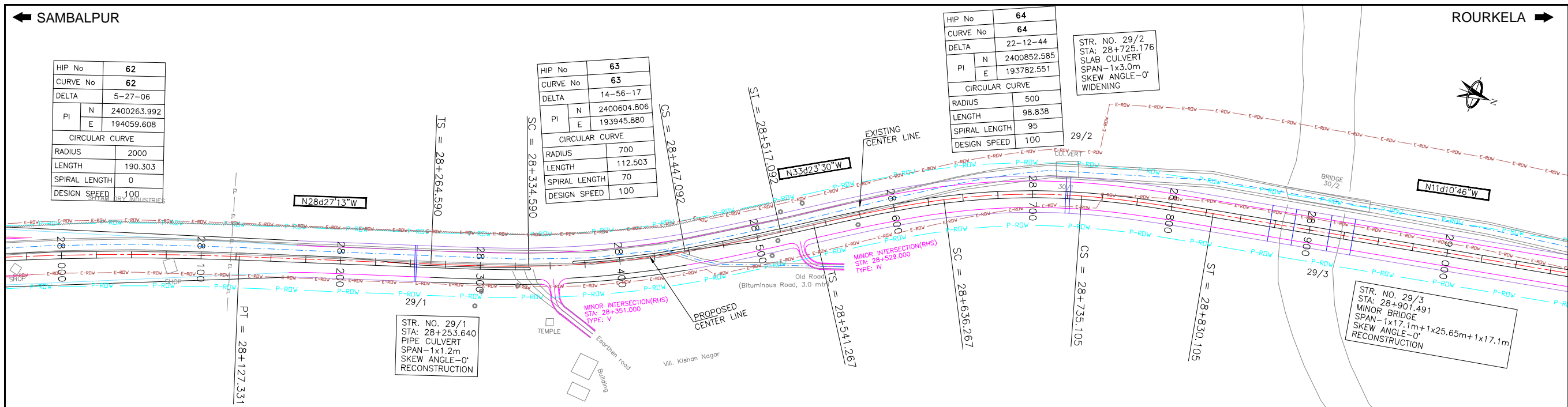


				Date	Dec 2010	Drawing Title :	Scale :	CONSULTANTS:	Client:
				Drawn By	Joemon	PLAN AND PROFILE	0 20 40 60 80 100m	Pricewaterhouse Coopers Pvt. Ltd.	GOVERNMENT OF ORISSA
				Designed By	Subir Roy	KM 26+000 TO KM 27+000	Horizontal Scale	Building B, 7th & 8th Floor, Tower B, DLF Cyber City, Gurgaon-122001	WORKS DEPARTMENT
				Checked By	S.Rakshit	(SAMBALPUR - ROURKELA)	0 2 4 6 8 10m	LEA Associates South Asia Pvt. Ltd.	Project: PPP TECHNO-ECONOMIC FEASIBILITY STUDY AND
				Approved By	Avadesh	Drawing Number :	Vertical Scale	B-1/E-27, Mohan Co-operative Industrial Estate, Mathura Road, New Delhi-110044.	TRANSACTION ADVISOR FOR SELECTED
Mkd.	Descriptions	Date	By			73231\LASA\HIGHWAYS\PPP\PP - 23 A			STATE ROADS IN THE STATE OF ORISSA
REVISION									



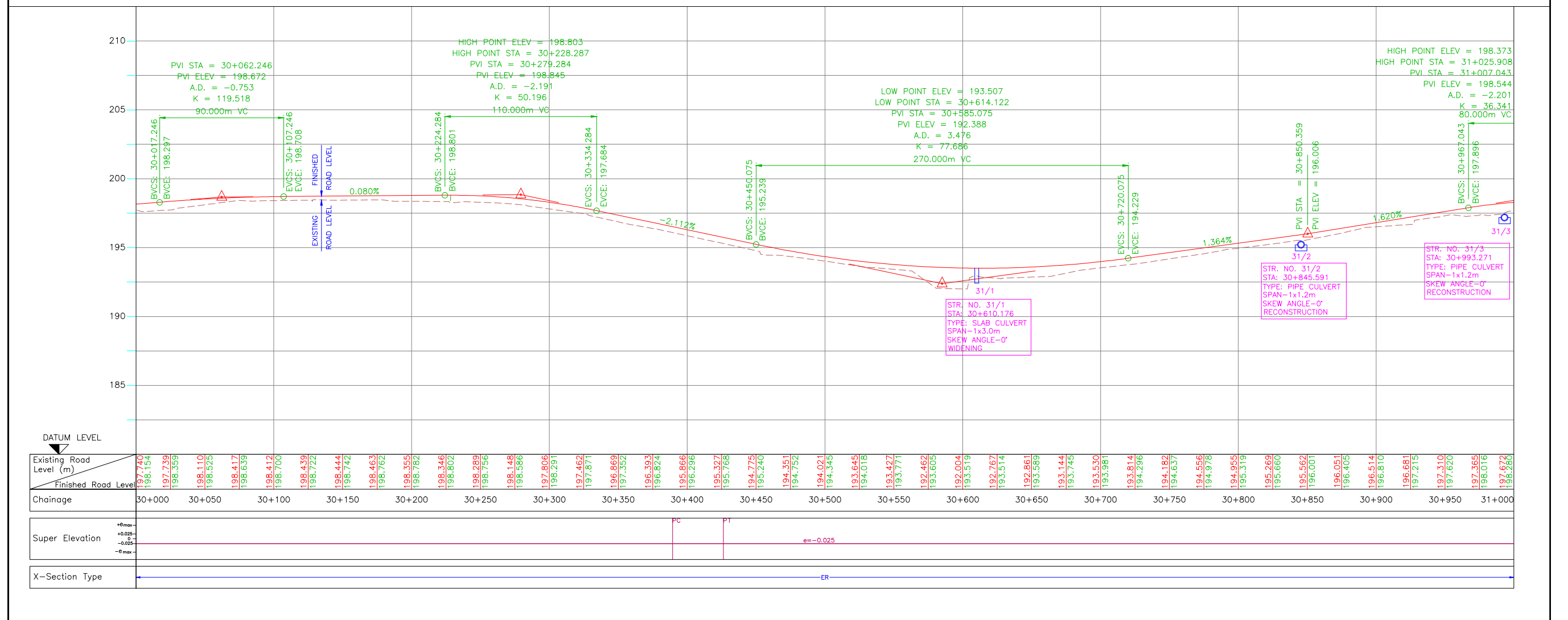
				Date	April 2010	Drawing Title :  <b>PLAN AND PROFILE KM 27+000 TO KM 28+000 (SAMBALPUR - ROURKELA)</b>		<div>Scale :  Horizontal Scale  Vertical Scale</div>	<div>CONSULTANTS:   <b>Pricewaterhouse Coopers Pvt. Ltd.</b> Building 8, 7th &amp; 8th Floor, Tower B, DLF Cyber City, Gurgaon-122001  In JV With  <b>LEA Associates South Asia Pvt. Ltd.</b> B-1/E-27, Mohan Co-operative Industrial Estate, Mathura Road, New Delhi-110044.</div>	Client: <b>GOVERNMENT OF ORISSA</b> <b>WORKS DEPARTMENT</b>
			Drawn By	Tabish Javed						
			Designed By	Subir Roy						
Mkd.	Descriptions	Date	By	Checked By	S.Rakshit					
REVISION					Approved By	Avadesh	Drawing Number :	73231\LASA\HIGHWAYS\PPP\PP - 24		Project: <b>PPP TECHNO-ECONOMIC FEASIBILITY STUDY AND TRANSACTION ADVISOR FOR SELECTED STATE ROADS IN THE STATE OF ORISSA</b>





				Date	April 2010	Drawing Title :	Scale :	CONSULTANTS:	Pricewaterhouse Coopers Pvt. Ltd.	Client:	GOVERNMENT OF ORISSA
				Drawn By	Tabish Javed	PLAN AND PROFILE	0 20 40 60 80 100m		Building 8, 7th & 8th Floor,		WORKS DEPARTMENT
				Designed By	Subir Roy	KM 28+000 TO KM 29+000	Horizontal Scale		Tower B, DLF Cyber City,		
				Checked By	S.Rakshit	(SAMBALPUR - ROURKELA)	0 2 4 6 8 10m		Gurgaon-122001	Project:	PPP TECHNO-ECONOMIC FEASIBILITY STUDY AND
Mkd.	Descriptions	Date	By	Approved By	Avadesh	Drawing Number :	Vertical Scale		In JV With		TRANSACTION ADVISOR FOR SELECTED
						73231\LASA\HIGHWAYS\PPP\PP -25			LEA Associates South Asia Pvt. Ltd.		STATE ROADS IN THE STATE OF ORISSA
									B-1/E-27, Mohan Co-operative Industrial Estate,		
									Mathura Road, New Delhi-110044.		

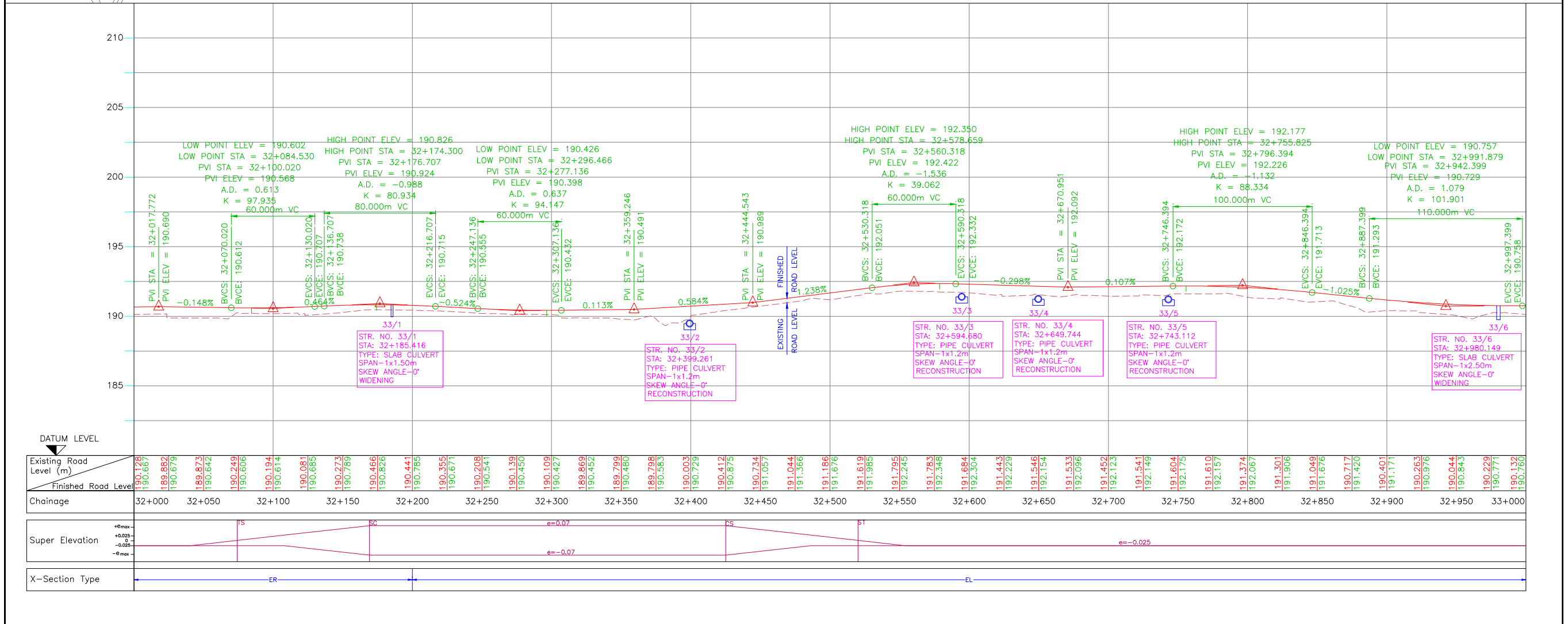
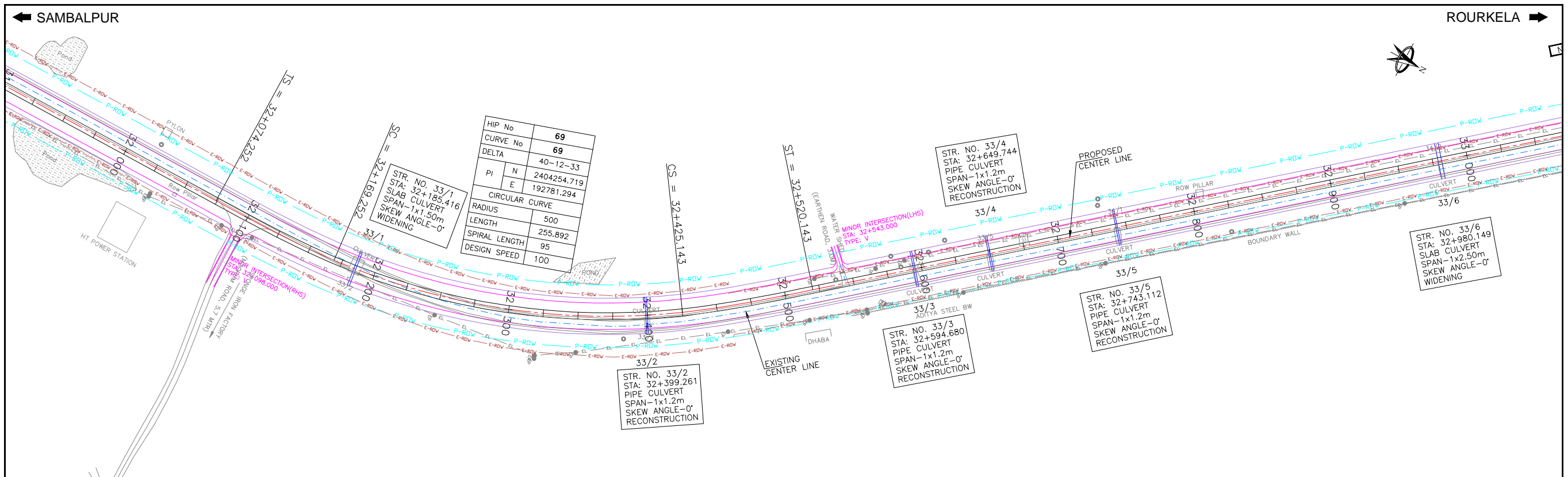




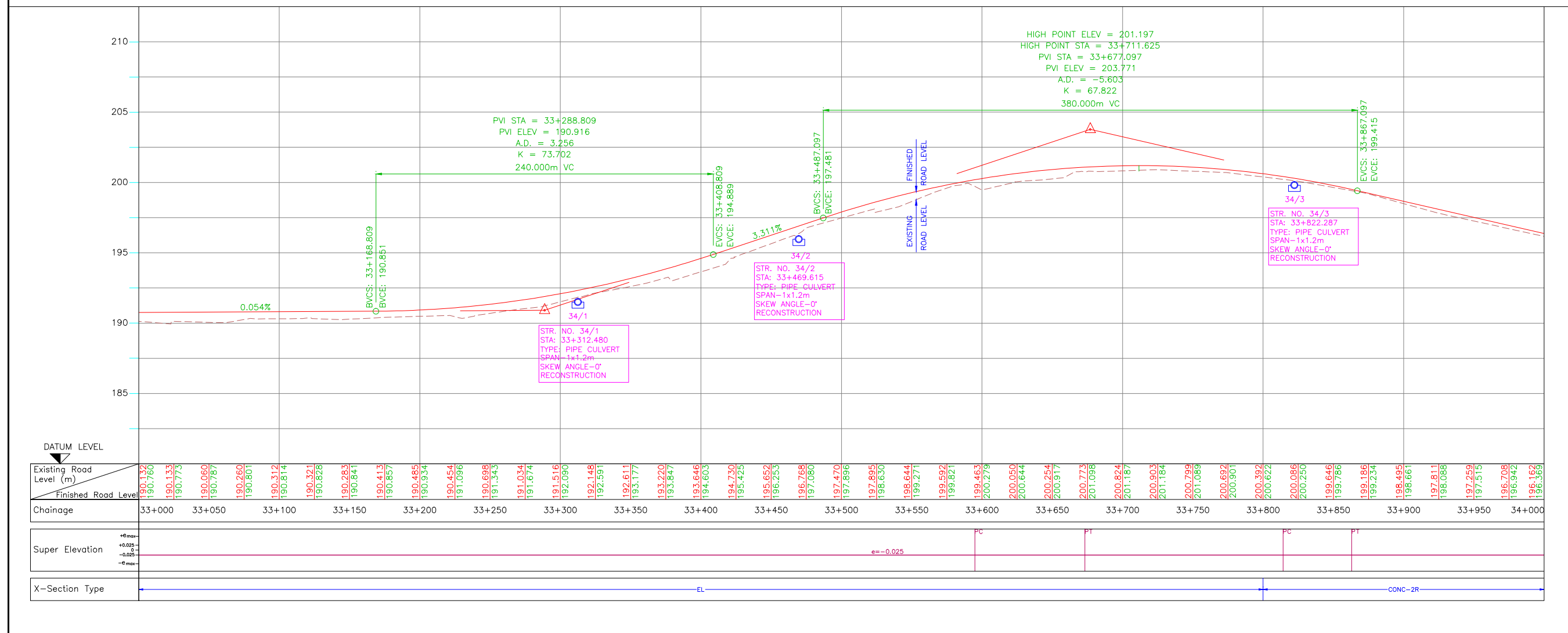
			Date	April 2010	Drawing Title :  <b>PLAN AND PROFILE</b> <b>KM 30+000 TO KM 31+000</b> <b>(SAMBALPUR - ROURKELA)</b>		<div>Scale :  Horizontal Scale  Vertical Scale</div>		<div>CONSULTANTS:  <b>Pricewaterhouse Coopers Pvt. Ltd.</b> Building 8, 7th &amp; 8th Floor, Tower B, DLF Cyber City, Gurgaon-122001  In JV With  <b>LEA Associates South Asia Pvt. Ltd.</b> B-1/E-27, Mohan Co-operative Industrial Estate, Mathura Road, New Delhi-110044,  </div>		Client:  <b>GOVERNMENT OF ORISSA</b> <b>WORKS DEPARTMENT</b>  Project: <b>PPP TECHNO-ECONOMIC FEASIBILITY STUDY AND</b> <b>TRANSACTION ADVISOR FOR SELECTED</b> <b>STATE ROADS IN THE STATE OF ORISSA</b>				
			Drawn By	Tabish Javed											
			Designed By	Subir Roy											
Mkd.	Descriptions	Date	By	Checked By								S.Rakshit			
REVISION				Approved By	Avadesh	Drawing Number :	73231\LASA\HIGHWAYS\PPP\PP - 27								









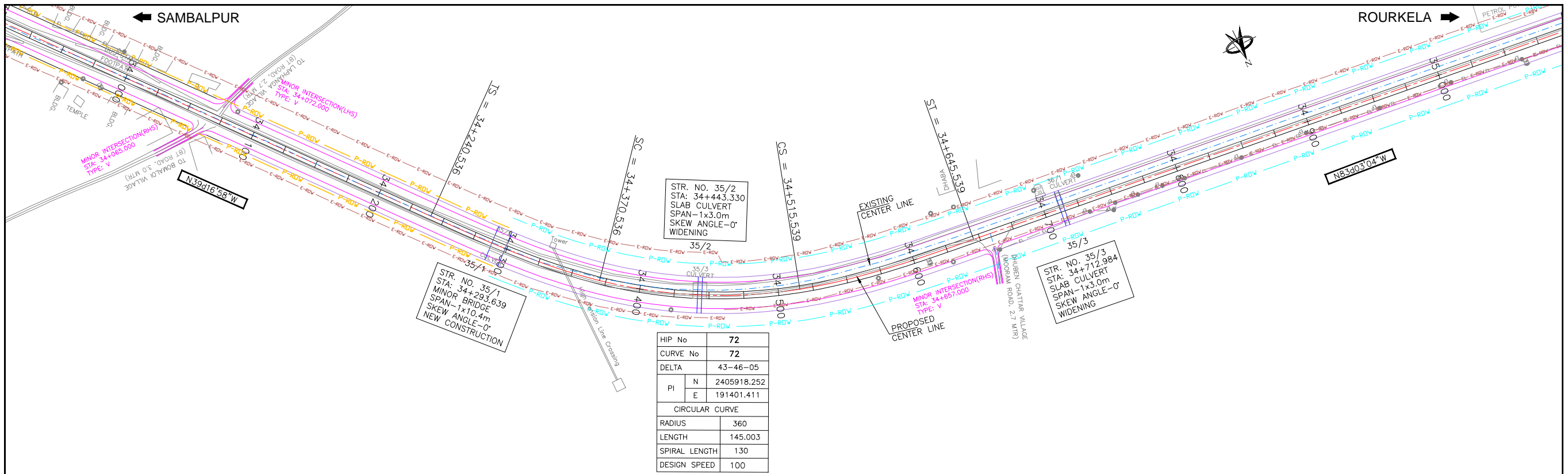


				Date	April 2010	Drawing Title :	Scale :	CONSULTANTS:	Pricewaterhouse Coopers Pvt. Ltd.	Client:	GOVERNMENT OF ORISSA
				Drawn By	Tabish Javed	PLAN AND PROFILE	0 20 40 60 80 100m		Building 8, 7th & 8th Floor,		WORKS DEPARTMENT
				Designed By	Subir Roy	KM 32+000 TO KM 33+000	Horizontal Scale		Tower B, DLF Cyber City,		
				Checked By	S.Rakshit	(SAMBALPUR - ROURKELA)	0 2 4 6 8 10m		Gurgaon-122001	Project:	PPP TECHNO-ECONOMIC FEASIBILITY STUDY AND
Mkd.	Descriptions	Date	By	Approved By	Avadesh	Drawing Number :	Vertical Scale		In JV With		TRANSACTION ADVISOR FOR SELECTED
						73231\LASA\HIGHWAYS\PPP\PPP -29			LEA Associates South Asia Pvt. Ltd.		STATE ROADS IN THE STATE OF ORISSA
									B-1/E-27, Mohan Co-operative Industrial Estate,		
									Mathura Road, New Delhi-110044.		

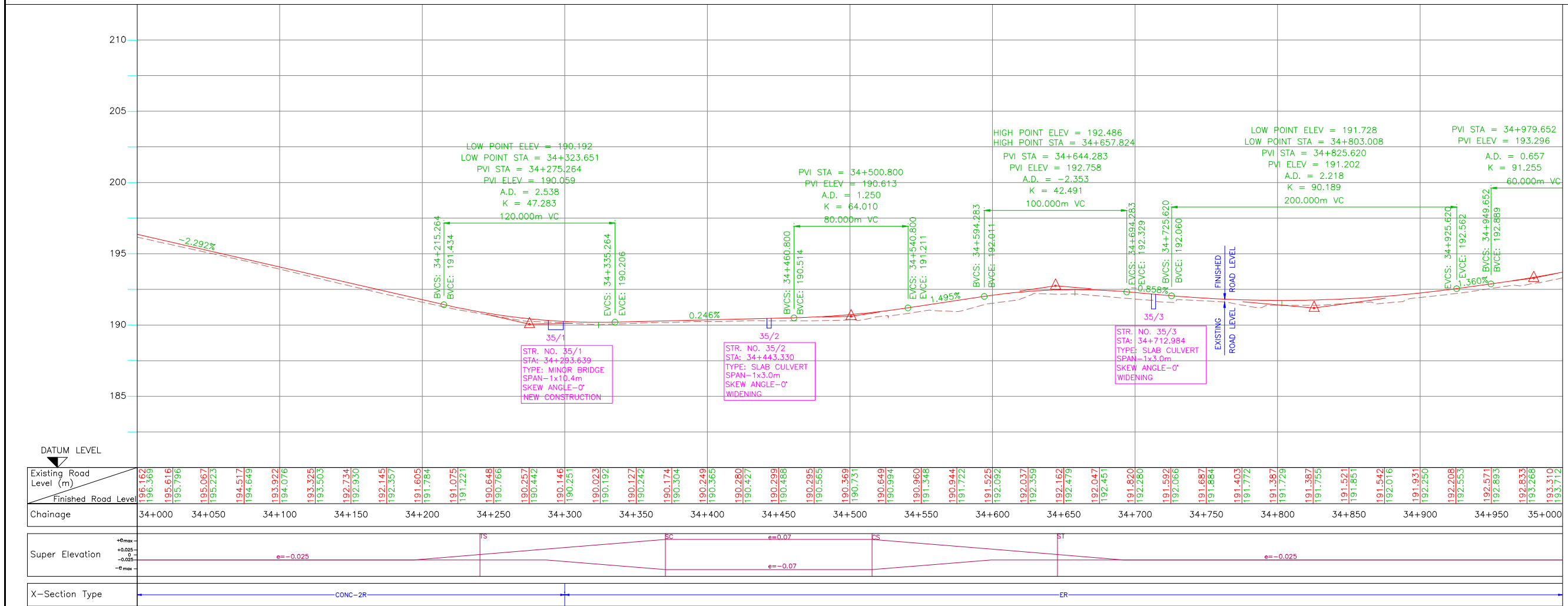


			Date	April 2010	Drawing Title :  <b>PLAN AND PROFILE KM 33+000 TO KM 34+000 (SAMBALPUR - ROURKELA)</b>		<div>Scale :  Horizontal Scale  Vertical Scale</div>		<div>CONSULTANTS:  <b>Pricewaterhouse Coopers Pvt. Ltd.</b> Building 8, 7th &amp; 8th Floor, Tower B, DLF Cyber City, Gurgaon-122001  In JV With  <b>LEA Associates South Asia Pvt. Ltd.</b> B-1/E-27, Mohan Co-operative Industrial Estate, Mathura Road, New Delhi-110044.</div>		Client: <b>GOVERNMENT OF ORISSA</b> <b>WORKS DEPARTMENT</b>  Project: <b>PPP TECHNO-ECONOMIC FEASIBILITY STUDY AND TRANSACTION ADVISOR FOR SELECTED STATE ROADS IN THE STATE OF ORISSA</b>	
			Drawn By	Tabish Javed								
			Designed By	Subir Roy								
Mkd.	Descriptions	Date	By	Checked By	S.Rakshit							
REVISION				Approved By	Avadesh	Drawing Number :	72321\LASA\HIGHWAYS\PPP\PP - 30					





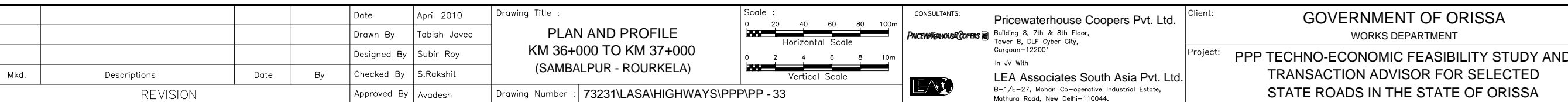
HIP No	72
CURVE No	72
DELTA	43-46-05
PI	N 2405918.252
E	191401.411
CIRCULAR CURVE	
RADIUS	360
LENGTH	145.003
SPIRAL LENGTH	130
DESIGN SPEED	100



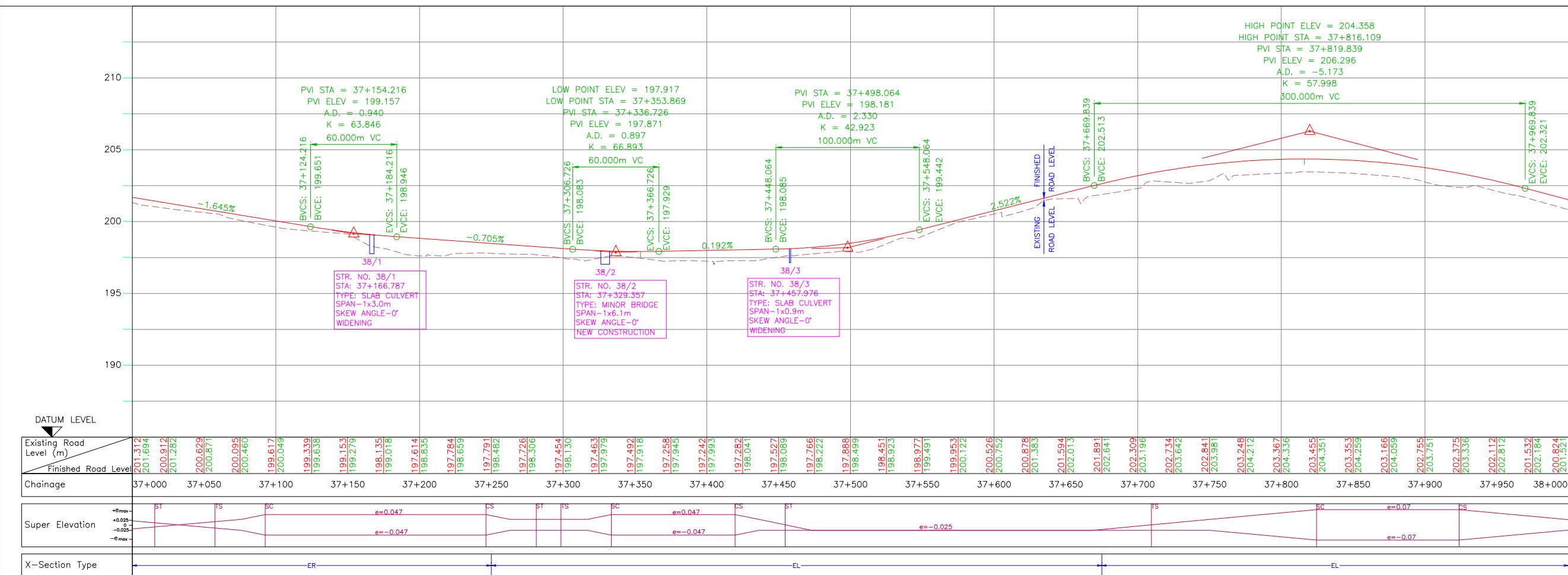
				Date	April 2010	Drawing Title :  <b>PLAN AND PROFILE KM 34+000 TO KM 35+000 (SAMBALPUR - ROURKELA)</b>		<div>Scale :  Horizontal Scale  Vertical Scale</div>		CONSULTANTS:  <b>Pricewaterhouse Coopers Pvt. Ltd.</b> Building 8, 7th & 8th Floor, Tower B, DLF Cyber City, Gurgaon-122001  In JV With <b>LEA Associates South Asia Pvt. Ltd.</b> B-1/E-27, Mohan Co-operative Industrial Estate, Mathura Road, New Delhi-110044.		Client:  <b>GOVERNMENT OF ORISSA</b>  WORKS DEPARTMENT		
				Drawn By	Tabish Javed									
				Designed By	Subir Roy									
Mkd.	Descriptions		Date	By	Checked By	S.Rakshit							Project:  <b>PPP TECHNO-ECONOMIC FEASIBILITY STUDY AND TRANSACTION ADVISOR FOR SELECTED STATE ROADS IN THE STATE OF ORISSA</b>	
REVISION					Approved By	Avadesh	Drawing Number : 73231\LASA\HIGHWAYS\PPP\PP - 31							

[illegible]

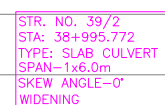
			Date	April 2010	Drawing Title :  PLAN AND PROFILE KM 35+000 TO KM 36+000 (SAMBALPUR - ROURKELA)		Scale :  Horizontal Scale  Vertical Scale		CONSULTANTS:  Pricewaterhouse Coopers Pvt. Ltd. Building 8, 7th & 8th Floor, Tower B, DLF Cyber City, Gurgaon-122001  In JV With LEA Associates South Asia Pvt. Ltd. B-1/E-27, Mohan Co-operative Industrial Estate, Mathura Road, New Delhi-110044.		Client:  GOVERNMENT OF ORISSA WORKS DEPARTMENT
			Drawn By	Tabish Javed							
			Designed By	Subir Roy							
Mkd.	Descriptions	Date	By	Checked By							
REVISION				Approved By	Avadesh	Drawing Number :	73231\LASA\HIGHWAYS\PPP\PP - 32				









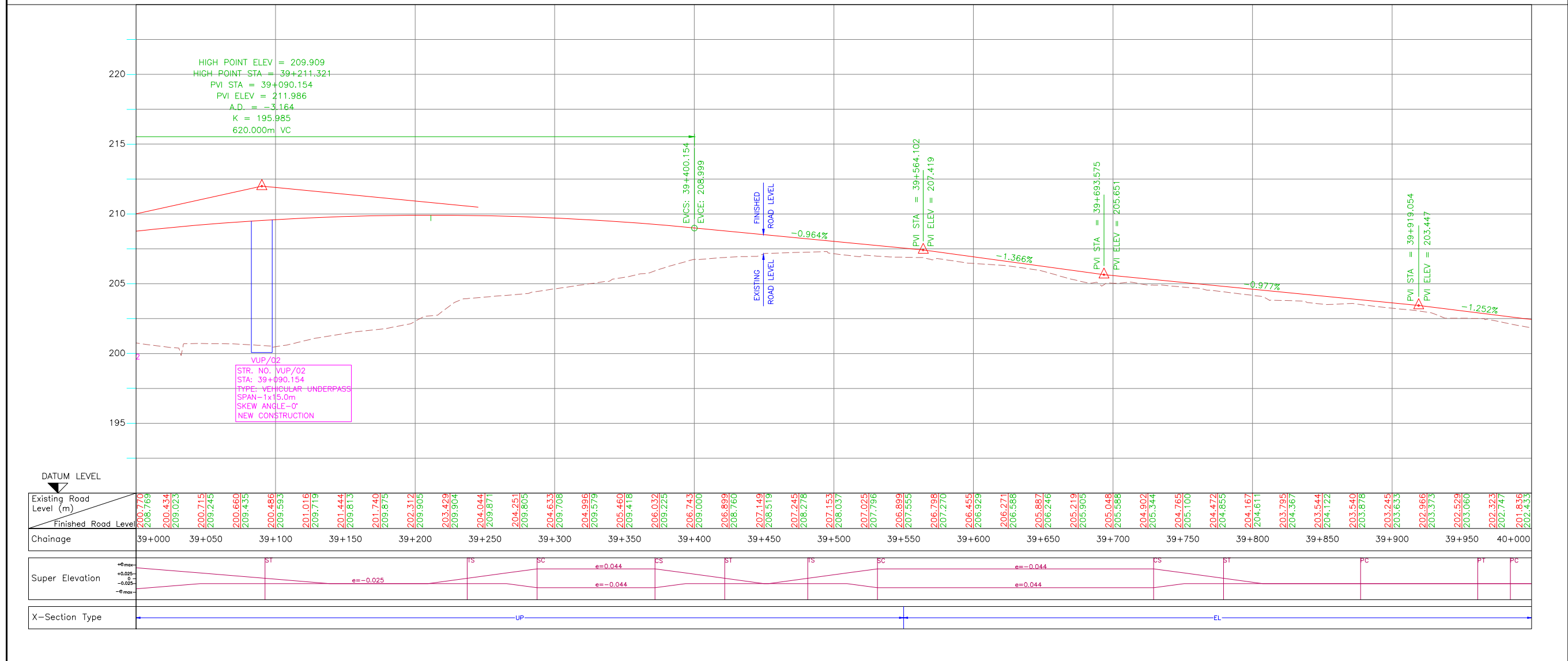
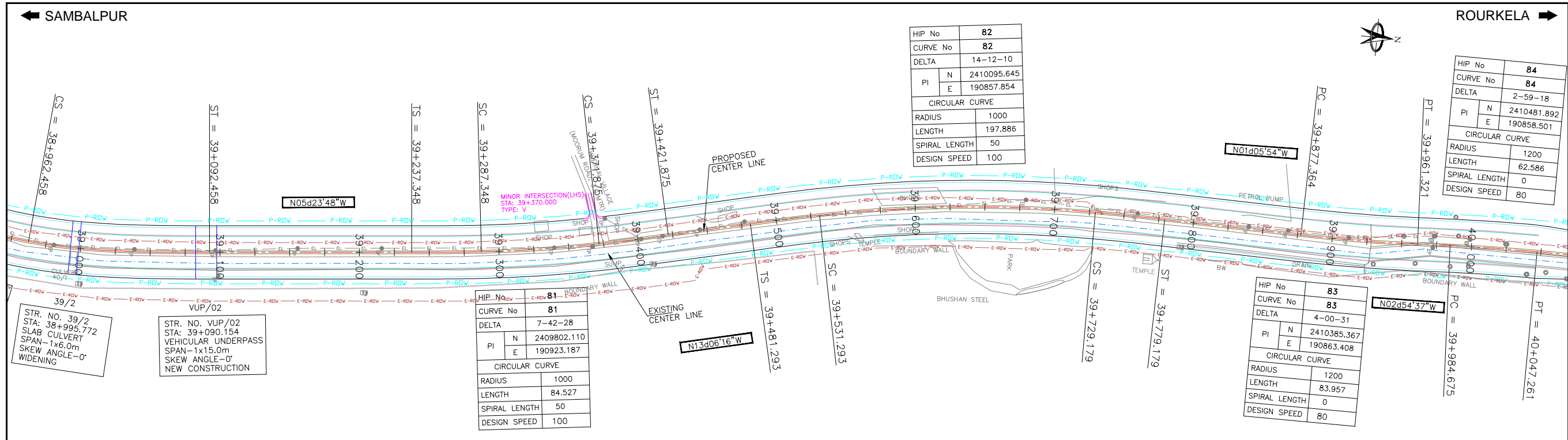


			Date	April 2010	Drawing Title :  PLAN AND PROFILE KM 37+000 TO KM 38+000 (SAMBALPUR - ROURKELA)		Scale : <div><div><div></div><div>020406080100m</div></div><div>Horizontal Scale</div><div><div></div><div>0246810m</div></div><div>Vertical Scale</div></div>		CONSULTANTS:  Pricewaterhouse Coopers Pvt. Ltd. Building 8, 7th & 8th Floor, Tower B, DLF Cyber City, Gurgaon-122001  In JV With LEA Associates South Asia Pvt. Ltd. B-1/E-27, Mohan Co-operative Industrial Estate, Mathura Road, New Delhi-110044.		Client:	GOVERNMENT OF ORISSA WORKS DEPARTMENT	
			Drawn By	Tabish Javed							Project:	PPP TECHNO-ECONOMIC FEASIBILITY STUDY AND TRANSACTION ADVISOR FOR SELECTED STATE ROADS IN THE STATE OF ORISSA	
			Designed By	Subir Roy									
Mkd.	Descriptions	Date	By	Checked By									
REVISION				Approved By	Avadesh	Drawing Number :	73231\LASA\HIGHWAYS\PPP\PP - 34						



Existing Road  
Level (m)

			Date	April 2010	Drawing Title :  <b>PLAN AND PROFILE KM 38+000 TO KM 39+000 (SAMBALPUR - ROURKELA)</b>		<div>Scale :  Horizontal Scale  Vertical Scale</div>		<div>CONSULTANTS:  <b>Pricewaterhouse Coopers Pvt. Ltd.</b> Building 8, 7th &amp; 8th Floor, Tower B, DLF Cyber City, Gurgaon-122001  In JV With <b>LEA Associates South Asia Pvt. Ltd.</b> B-1/E-27, Mohan Co-operative Industrial Estate, Mathura Road, Near Joka, Delhi-110064</div>		Client:  <b>GOVERNMENT OF ORISSA</b>  WORKS DEPARTMENT
			Drawn By	Tabish Javed							
			Designed By	Subir Roy							
Mkd.	Descriptions	Date	By	Checked By	S.Rakshit	Drawing Number : 73231\LASA\HIGHWAYS\PPP\PP - 35				Project: <b>PPP TECHNO-ECONOMIC FEASIBILITY STUDY AND TRANSACTION ADVISOR FOR SELECTED STATE ROADS IN THE STATE OF ORISSA</b>	
REVISION				Approved By	Avadesh						



				Date	April 2010	Drawing Title :	Scale :	CONSULTANTS:	Pricewaterhouse Coopers Pvt. Ltd.	Client:	GOVERNMENT OF ORISSA
				Drawn By	Tabish Javed	PLAN AND PROFILE	0 20 40 60 80 100m		Building 8, 7th & 8th Floor,		WORKS DEPARTMENT
				Designed By	Subir Roy	KM 39+000 TO KM 40+000	Horizontal Scale		Tower B, DLF Cyber City,		
				Checked By	S.Rakshit	(SAMBALPUR - ROURKELA)	0 2 4 6 8 10m		Gurgaon-122001	Project:	PPP TECHNO-ECONOMIC FEASIBILITY STUDY AND
Mkd.	Descriptions	Date	By	Approved By	Avadesh	Drawing Number :	Vertical Scale		In JV With		TRANSACTION ADVISOR FOR SELECTED
						73231\LASA\HIGHWAYS\PPPP - 36			LEA Associates South Asia Pvt. Ltd.		STATE ROADS IN THE STATE OF ORISSA
									B-1/E-27, Mohan Co-operative Industrial Estate,		
									Mathura Road, New Delhi-110044.		

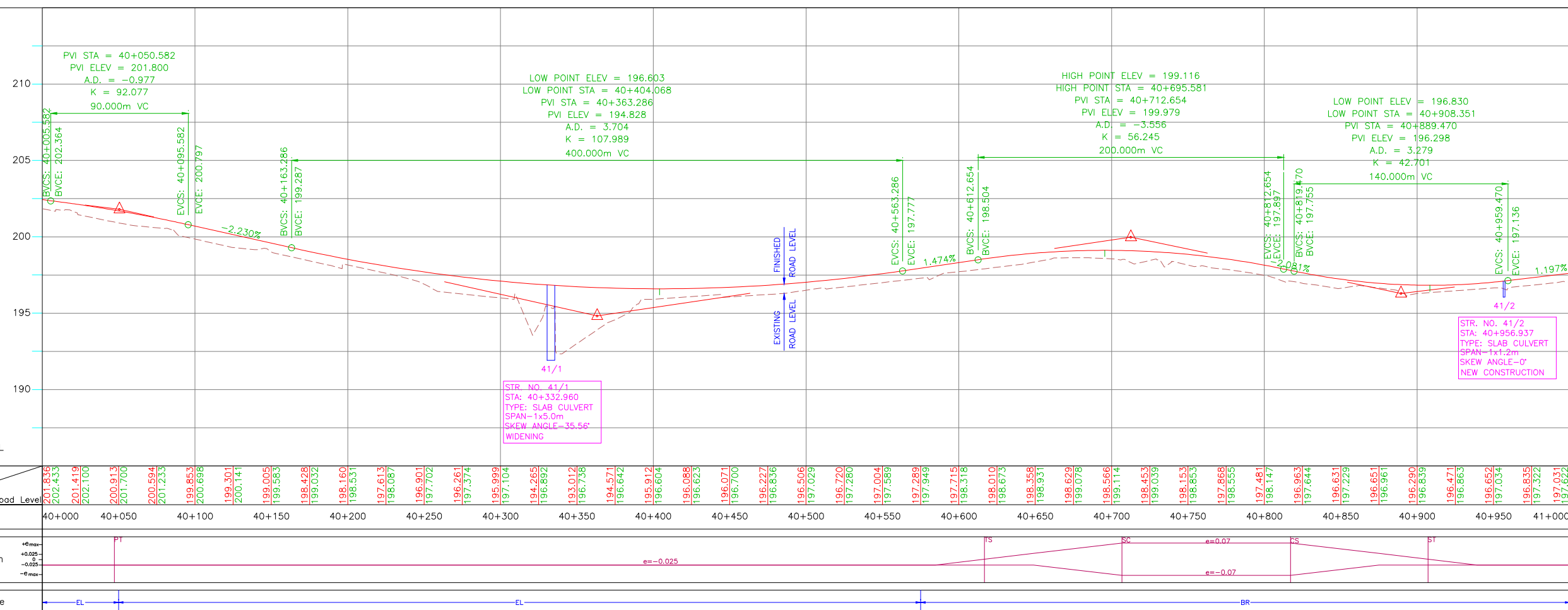
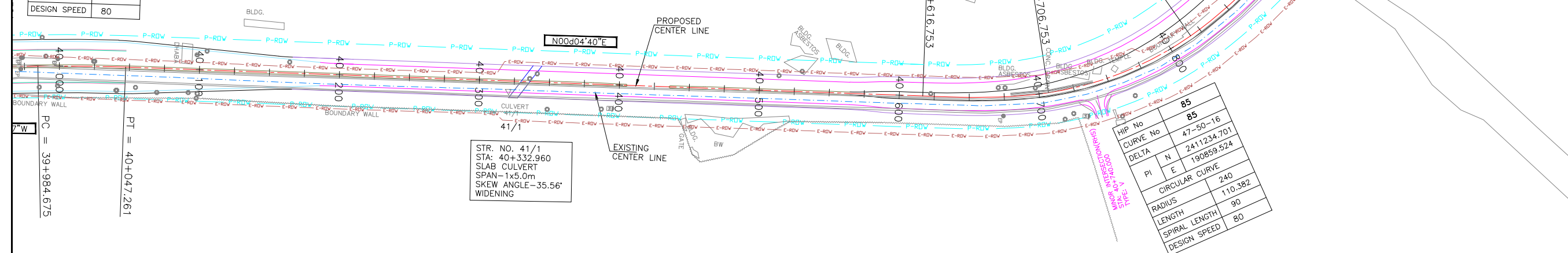


← SAMBALPUR

ROURKELA ➡

HIP No		84
CURVE No		84
DELTA		2-59-18
PI	N	2410481.892
	E	190858.501
CIRCULAR CURVE		
RADIUS		1200
LENGTH		62.586
SPIRAL LENGTH		0
DESIGN SPEED		80

HIP No	86
CURVE No	86
DELTA	1-19-49
PI	241 1455 264
	190618.67
	CIRCULAR CURVE
	RADIUS
	LENGTH
	SPIRAL LE
	DESIGN



			Date	April 2010	Drawing Title :  PLAN AND PROFILE KM 40+000 TO KM 41+000 (SAMBALPUR - ROURKELA)		<div>Scale :  Horizontal Scale  Vertical Scale</div>		<div>CONSULTANTS:  Pricewaterhouse Coopers Pvt. Ltd. Building 8, 7th &amp; 8th Floor, Tower B, DLF Cyber City, Gurgaon-122001  In JV With  LEA Associates South Asia Pvt. Ltd. B-1/E-27, Mohan Co-operative Industrial Estate, Mayapuri, Band-II, New Delhi-110064</div> <div></div>	Client: GOVERNMENT OF ORISSA WORKS DEPARTMENT  Project: PPP TECHNO-ECONOMIC FEASIBILITY STUDY AND TRANSACTION ADVISOR FOR SELECTED STATE ROADS IN THE STATE OF ORISSA	
		Drawn By	Tabish Javed								
		Designed By	Subir Roy								
Mkd.	Descriptions	Date	By	Checked By	S.Rakshit	Drawing Number : 73231\LASA\HIGHWAYS\PPP\PP - 37					
REVISION				Approved By	Avadesh						