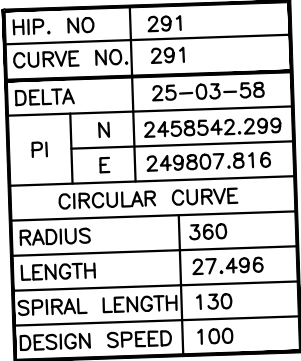
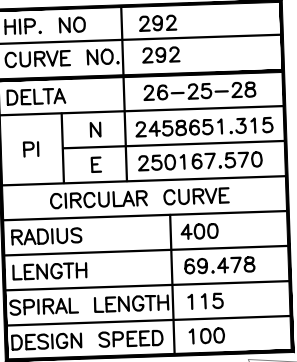
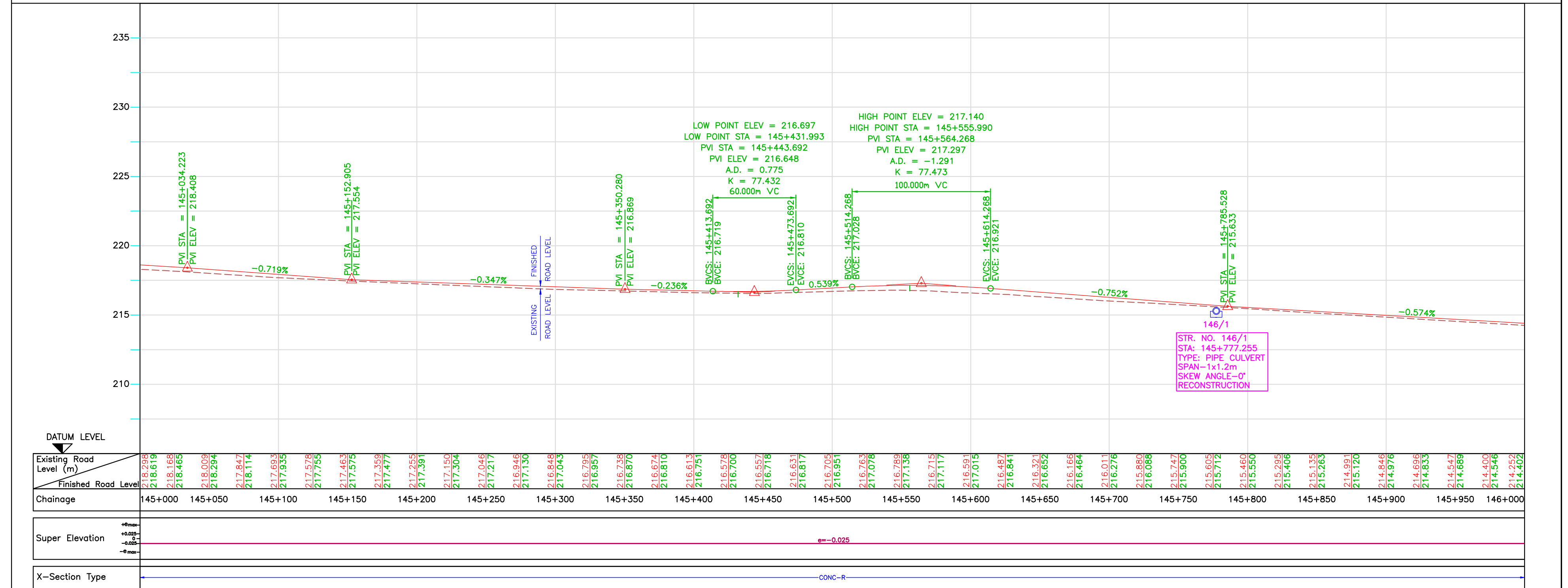


				Date	April 2010	Drawing Title :	Scale :	CONSULTANTS:	Pricewaterhouse Coopers Pvt. Ltd.	Client:	GOVERNMENT OF ORISSA
				Drawn By	Tabish Javed	PLAN AND PROFILE	0 20 40 60 80 100m		Building B, 7th & 8th Floor, Tower B, DLF Cyber City, Gurgaon-122001		WORKS DEPARTMENT
				Designed By	Subir Roy	KM 141+000 TO KM 142+000	Horizontal Scale		In JV With		
				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 - 138					STATE ROADS IN THE STATE OF ORISSA



Existing Road Level (m)	Chainage																																																																													
	142+000	142+050	142+100	142+150	142+200	142+250	142+300	142+350	142+400	142+450	142+500	142+550	142+600	142+650	142+700	142+750	142+800	142+850	142+900	142+950	143+000																																																									
Finished Road Level	210.883	210.801	211.291	211.768	211.237	210.680	211.236	210.777	211.261	210.735	211.287	210.671	211.313	210.817	211.358	211.364	211.018	211.389	211.084	211.415	211.149	211.440	211.213	211.466	211.189	211.428	211.111	211.368	210.760	211.308	211.356	211.248	211.358	211.188	211.085	211.128	210.615	211.068	210.646	211.008	209.734	210.948	209.888	210.920	209.734	210.963	204.694	211.065	206.863	211.174	209.039	211.283	210.737	211.392	210.901	211.501	211.244	211.610	211.445	211.719	211.518	211.828	211.649	211.937	211.765	212.046	211.960	212.155	212.080	212.264	212.173	212.373	212.213	212.461	212.168	212.429	212.031	212.271
Chainage																																																																														
Super Elevation																																																																														
X-Section Type																																																																														

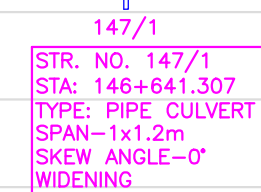
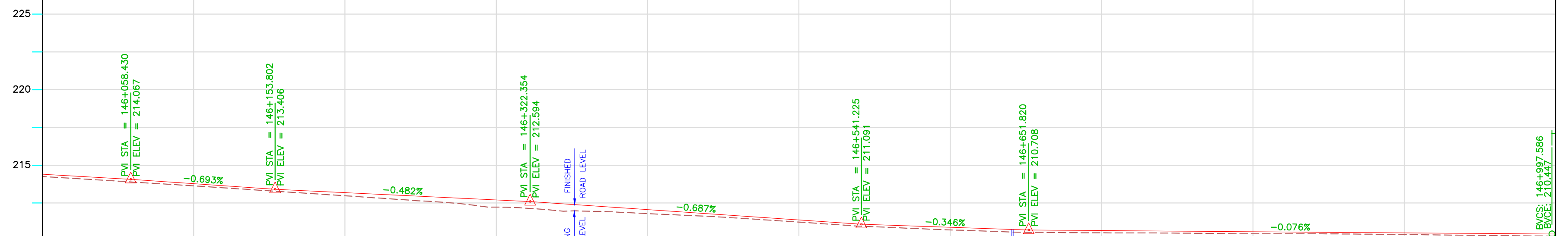
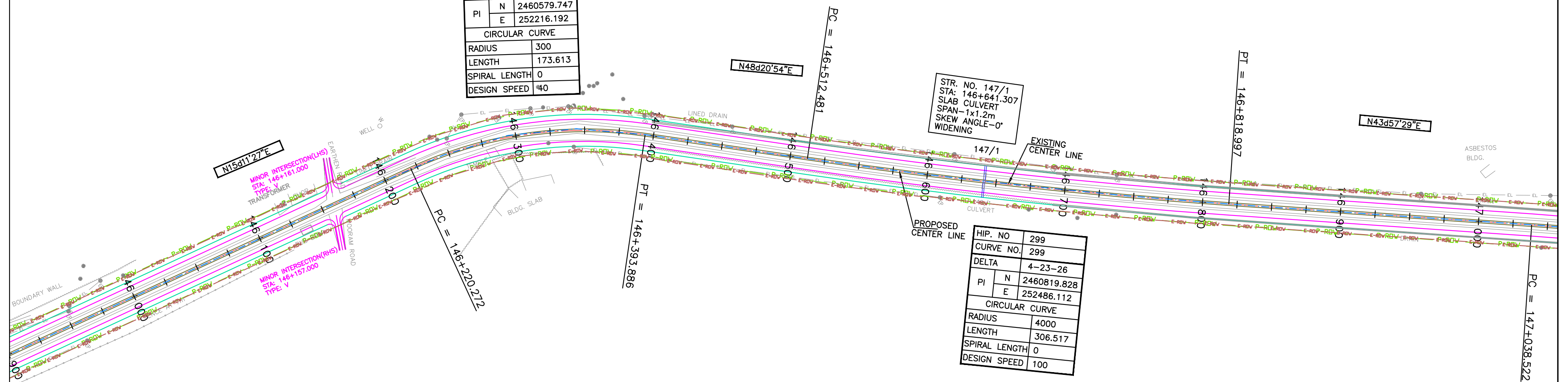
				Date	April 2010	<div>Drawing Title :</div> <div>PLAN AND PROFILE</div> <div>KM 142+000 TO KM 143+000</div> <div>(SAMBALPUR - ROURKELA)</div>		<div>Scale :</div> <div><div><div>020406080100m</div><div>Horizontal Scale</div></div><div><div>0246810m</div><div>Vertical Scale</div></div></div>	<div>CONSULTANTS:</div> <div><div><div><div><div></div><div>PricewaterhouseCoopers</div></div><div>Pricewaterhouse Coopers Pvt. Ltd.</div><div>Building 8, 7th & 8th Floor,</div><div>Tower B, DLF Cyber City,</div><div>Gurgaon-122001</div><div>In JV With</div></div><div><div><div><div></div><div>LEA</div></div><div>LEA Associates South Asia Pvt. Ltd.</div><div>B-1/E-27, Mohan Co-operative Industrial Estate,</div><div>Mathura Road, New Delhi-110044.</div></div></div></div></div>	<div>Client:</div> <div>GOVERNMENT OF ORISSA</div> <div>WORKS DEPARTMENT</div> <div>Project:</div> <div>PPP TECHNO-ECONOMIC FEASIBILITY STUDY AND TRANSACTION ADVISOR FOR SELECTED STATE ROADS IN THE STATE OF ORISSA</div>
			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 - 139			



				Date	April 2010	Drawing Title : PLAN AND PROFILE KM 145+000 TO KM 146+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 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				
REVISION				Approved By	Avadesh	Drawing Number :	73231\LASA\HIGHWAYS\PPP\PP - 142		

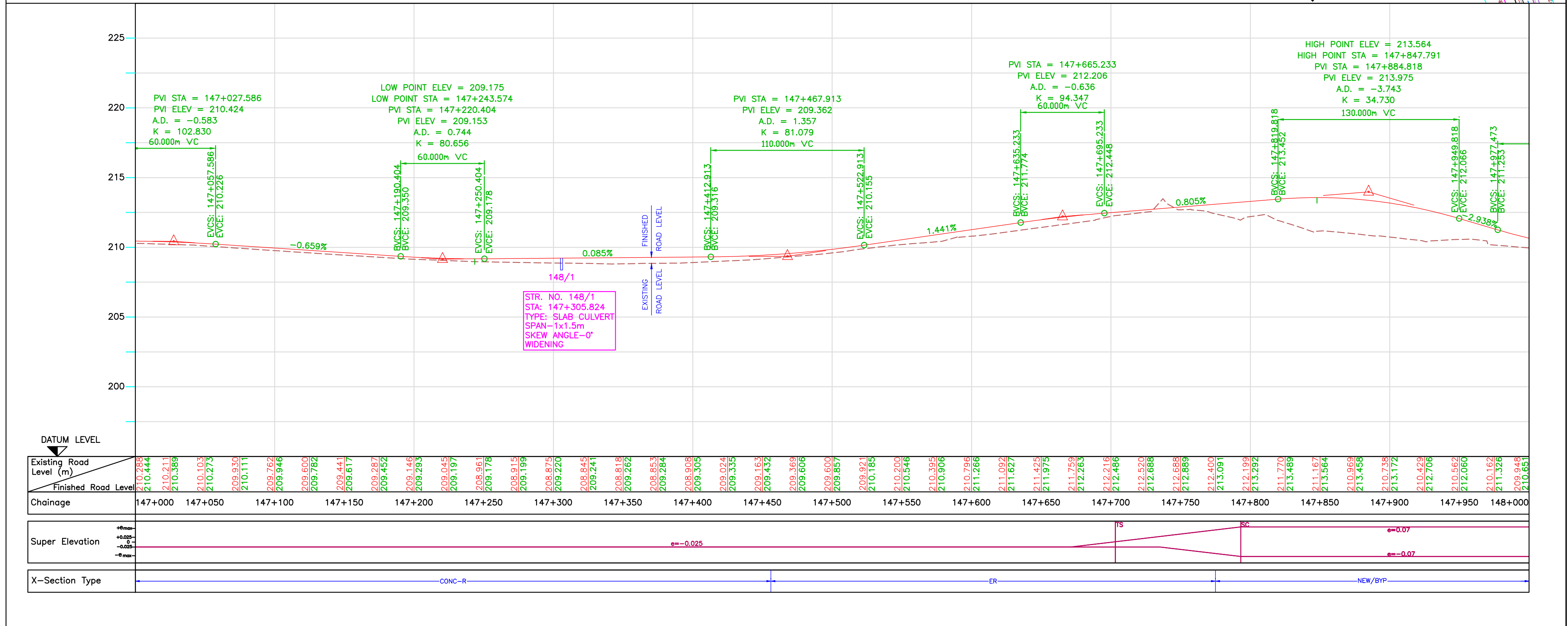
ASBESTOS
BLDG.

HIP. NO		298
CURVE NO.		298
DELTA		33-09-28
PI	N	2460579.747
	E	252216.192
CIRCULAR CURVE		
RADIUS		300
LENGTH		173.613
SPIRAL LENGTH		0
DESIGN SPEED		40

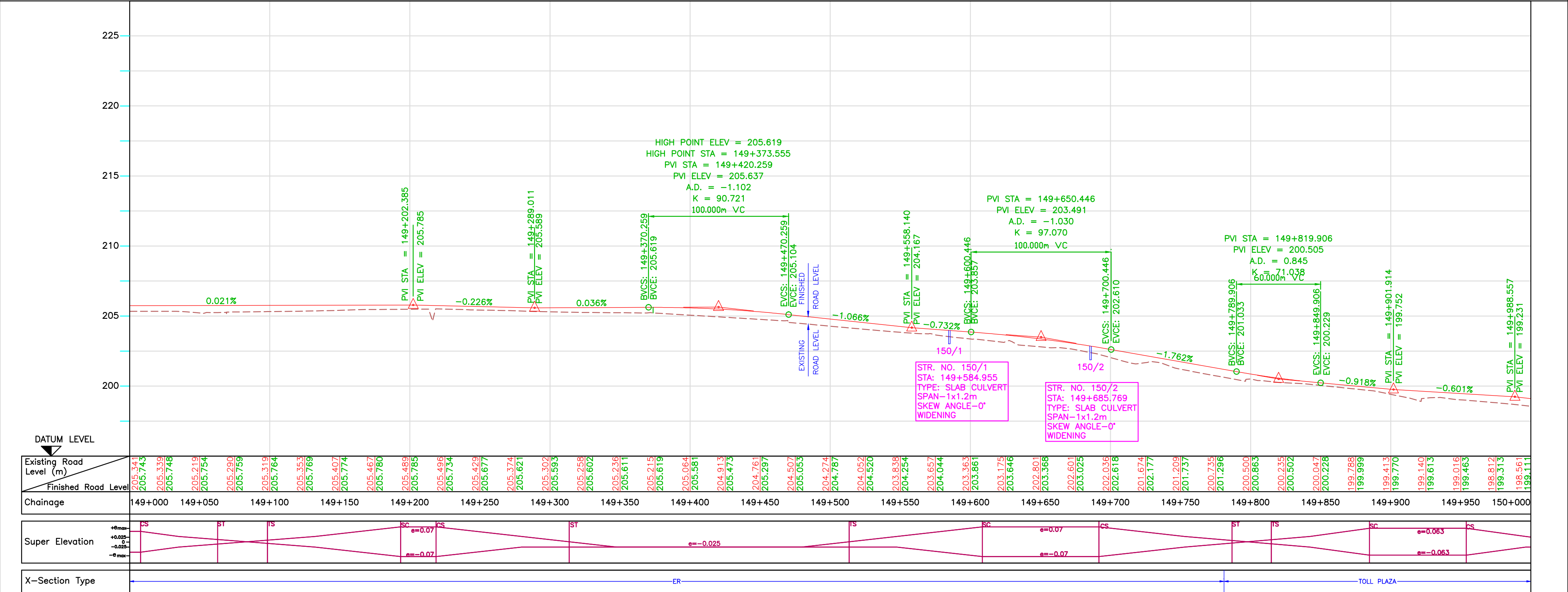
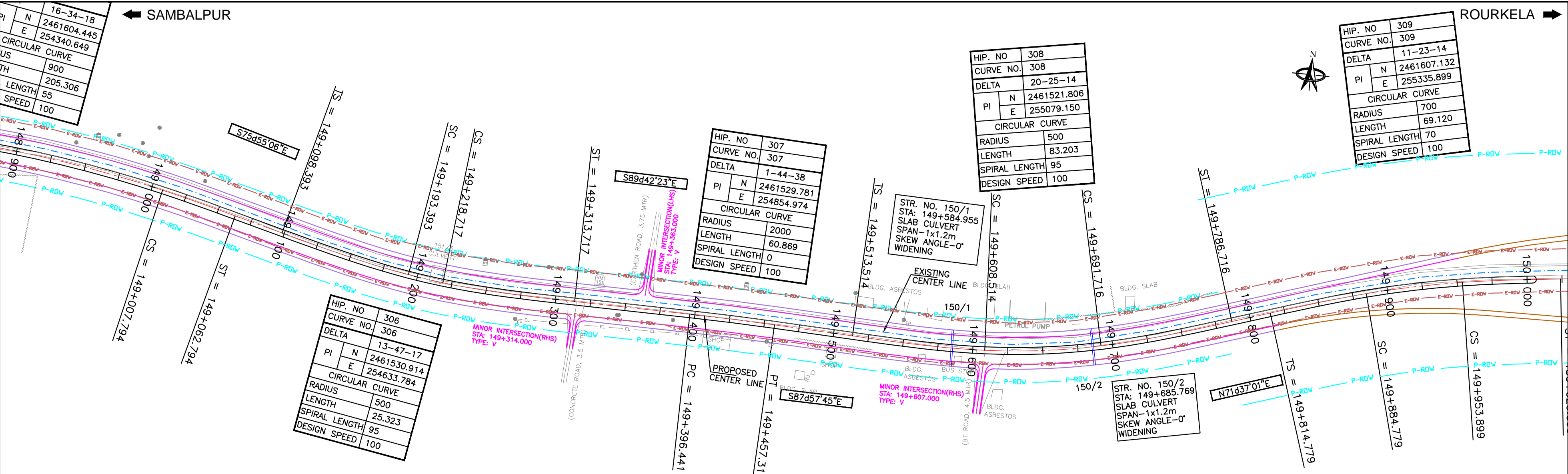


DATUM LEVEL																																																																																			
Existing Road Level (m)	Finished Road Level																																																																																		
		Chainage	146+000	146+050	146+100	146+150	146+200	146+250	146+300	146+350	146+400	146+450	146+500	146+550	146+600	146+650	146+700	146+750	146+800	146+850	146+900	146+950	147+000																																																												
		214.252	214.402	214.098	214.259	213.945	214.115	213.790	213.952	213.634	213.779	213.470	213.606	213.303	213.432	213.140	213.304	212.977	213.183	212.808	213.063	212.638	212.943	212.469	212.822	212.228	212.702	212.119	212.576	211.975	212.404	211.921	212.233	211.795	212.061	211.685	211.889	211.560	211.718	211.399	211.546	211.236	211.374	211.067	211.203	210.926	211.061	210.819	210.974	210.719	210.888	210.633	210.801	210.561	210.715	210.541	210.691	210.524	210.672	210.516	210.653	210.506	210.634	210.481	210.615	210.462	210.596	210.463	210.577	210.456	210.558	210.437	210.539	210.414	210.520	210.381	210.501	210.352	210.463	210.330	210.464	210.288	210.444
Super Elevation	<div><div>+0.000</div><div>+0.025</div><div>0</div><div>-0.025</div><div>-0.000</div></div>	e=-0.025																																																																																	
X-Section Type		CONC-R																																																																																	

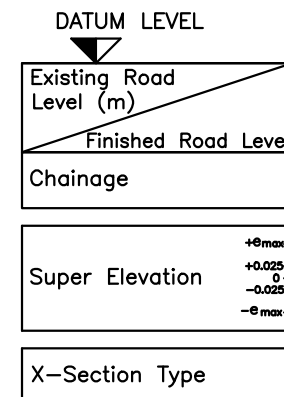
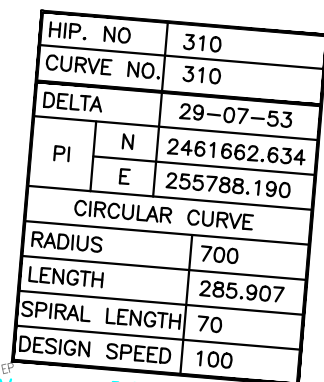
				Date	April 2010	Drawing Title : PLAN AND PROFILE KM 146+000 TO KM 147+000 (SAMBALPUR - ROURKELA)		<div>Scale : <div><div><div></div><div>0</div><div>20</div><div>40</div><div>60</div><div>80</div><div>100m</div></div><div>Horizontal Scale</div><div><div><div></div><div>0</div><div>2</div><div>4</div><div>6</div><div>8</div><div>10m</div></div><div>Vertical Scale</div></div></div></div>	<div>CONSULTANTS: <div><div><div></div><div>PricewaterhouseCoopers</div><div></div></div><div>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.</div></div></div>	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	S.Rakshit						
REVISION				Approved By	Avadesh	Drawing Number :	73231\LASA\HIGHWAYS\PPP\PP - 143				



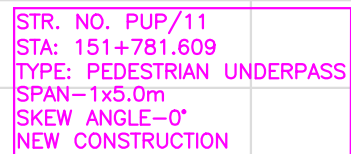
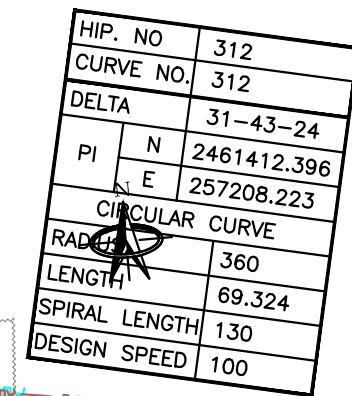
			Date	April 2010	<div>Drawing Title :</div> <div>PLAN AND PROFILE</div> <div>KM 147+000 TO KM 148+000</div> <div>(SAMBALPUR - ROURKELA)</div>	<div>Scale :</div> <div><div><div>020406080100m</div><div>Horizontal Scale</div></div><div><div>0246810m</div><div>Vertical Scale</div></div></div>	<div>CONSULTANTS:</div> <div><div><div><div></div><div>PricewaterhouseCoopers</div></div><div>Pricewaterhouse Coopers Pvt. Ltd.</div><div>Building 8, 7th & 8th Floor,</div><div>Tower B, DLF Cyber City,</div><div>Gurgaon-122001</div><div>In JV With</div></div><div><div><div><div></div><div>LEA</div></div><div>LEA Associates South Asia Pvt. Ltd.</div><div>B-1/E-27, Mohan Co-operative Industrial Estate,</div><div>Mathura Road, New Delhi-110044.</div></div></div></div>	<div>Client:</div> <div>GOVERNMENT OF ORISSA</div> <div>WORKS DEPARTMENT</div> <div>Project:</div> <div>PPP TECHNO-ECONOMIC FEASIBILITY STUDY AND</div> <div>TRANSACTION ADVISOR FOR SELECTED</div> <div>STATE ROADS IN THE STATE OF ORISSA</div>
			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 - 144		



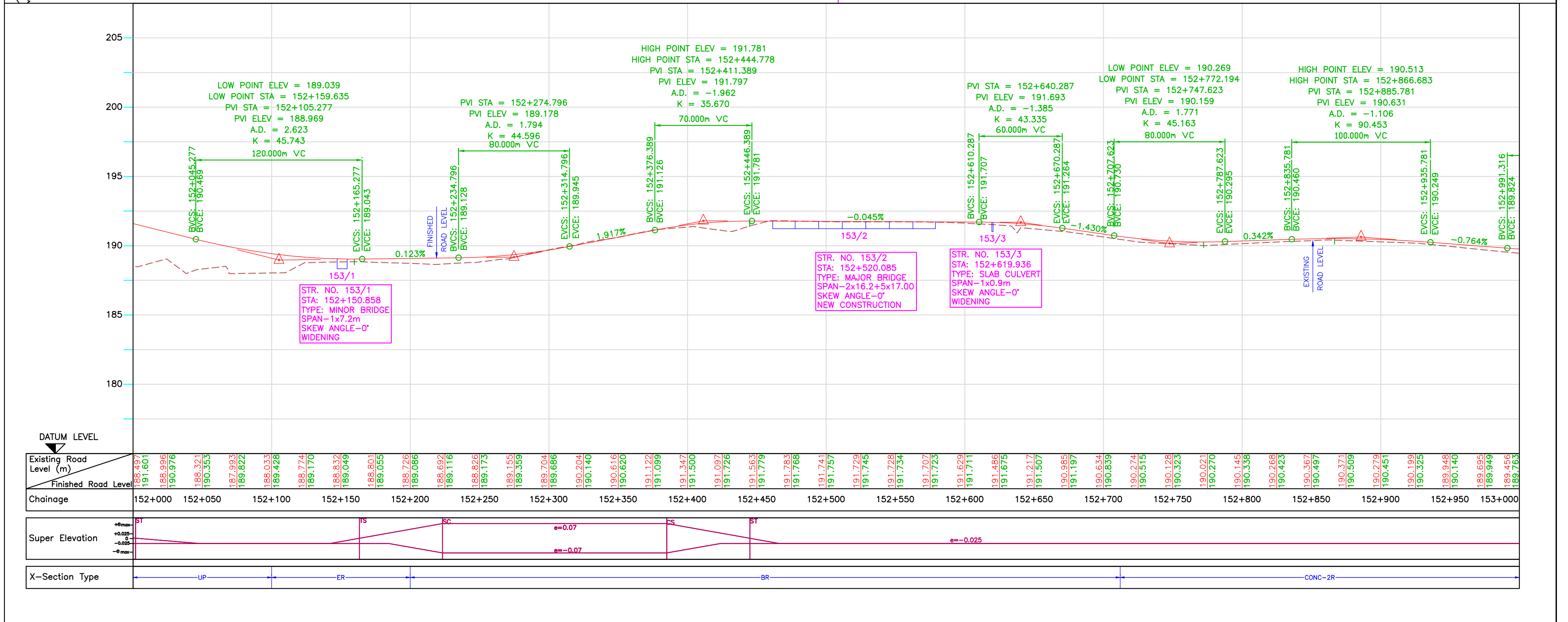
				Date	April 2010	Drawing Title :	Scale :	CONSULTANTS:	Pricewaterhouse Coopers Pvt. Ltd.	Client:	GOVERNMENT OF ORISSA
				Drawn By	Tabish Javed	PLAN AND PROFILE	Horizontal Scale		Building 8, 7th & 8th Floor,	Project:	WORKS DEPARTMENT
				Designed By	Subir Roy	KM 149+000 TO KM 150+000	Vertical Scale		Tower B, DLF Cyber City,	PPP TECHNO-ECONOMIC FEASIBILITY STUDY AND	
				Checked By	S.Rakshit	(SAMBALPUR - ROURKELA)			Gurgaon-122001	TRANSACTION ADVISOR FOR SELECTED	
Mkd.	Descriptions	Date	By	Approved By	Avadesh	Drawing Number :			In JV With	STATE ROADS IN THE STATE OF ORISSA	
						73231\LASA\HIGHWAYS\PPP\PP - 146			LEA Associates South Asia Pvt. Ltd.		
									B-1/E-27, Mohan Co-operative Industrial Estate,		
									Mathura Road, New Delhi-110044.		



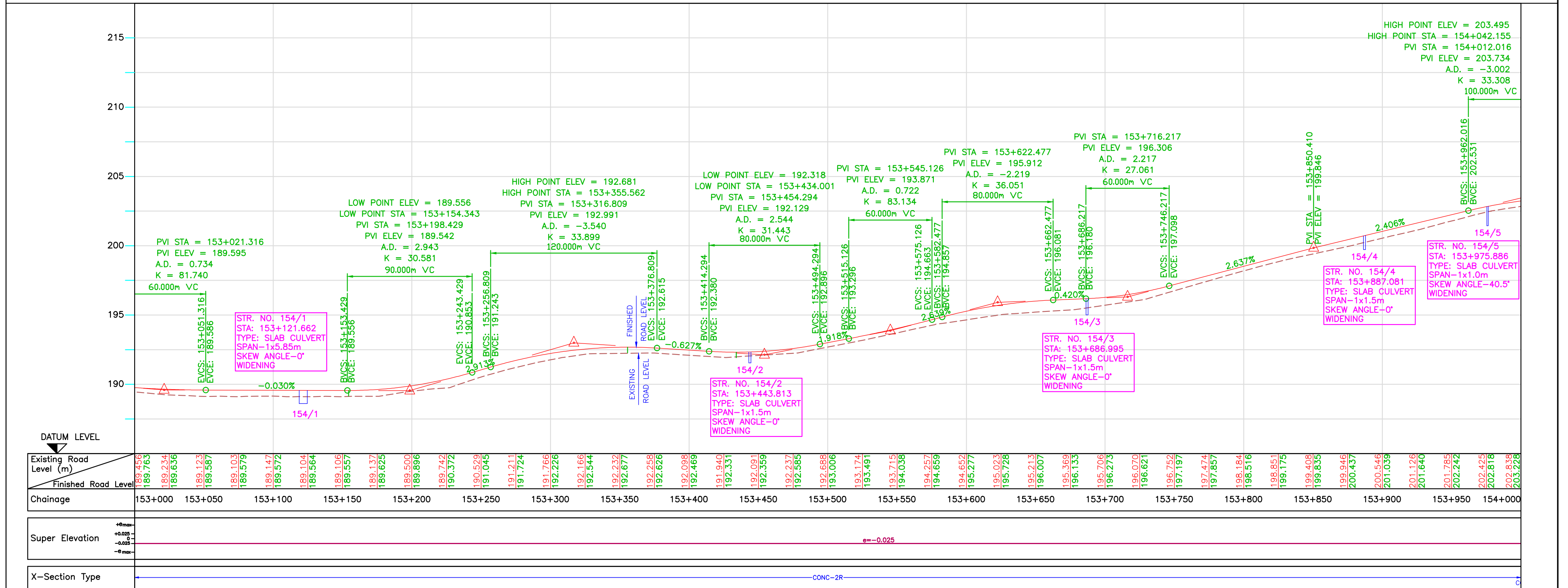
			Date	April 2010	Drawing Title : PLAN AND PROFILE KM 150+000 TO KM 151+000 (SAMBALPUR - ROURKELA)		Scale : Horizontal Scale Vertical Scale	CONSULTANTS: Pricewaterhouse Coopers Pvt. Ltd. Building 8, 7th & 8th Floor, Tower B, DLF Cyber City, Gurgaon-122001 In JV With LEA Associates South Asia Pvt. Ltd. B-1/E-27, Mohan Co-operative Industrial Estate, Mathura Road, New Delhi-110044.	Client: GOVERNMENT OF ORISSA WORKS DEPARTMENT 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				
REVISION				Approved By	Avadesh	Drawing Number :	73231\LASA\HIGHWAYS\PPP\PP - 147		



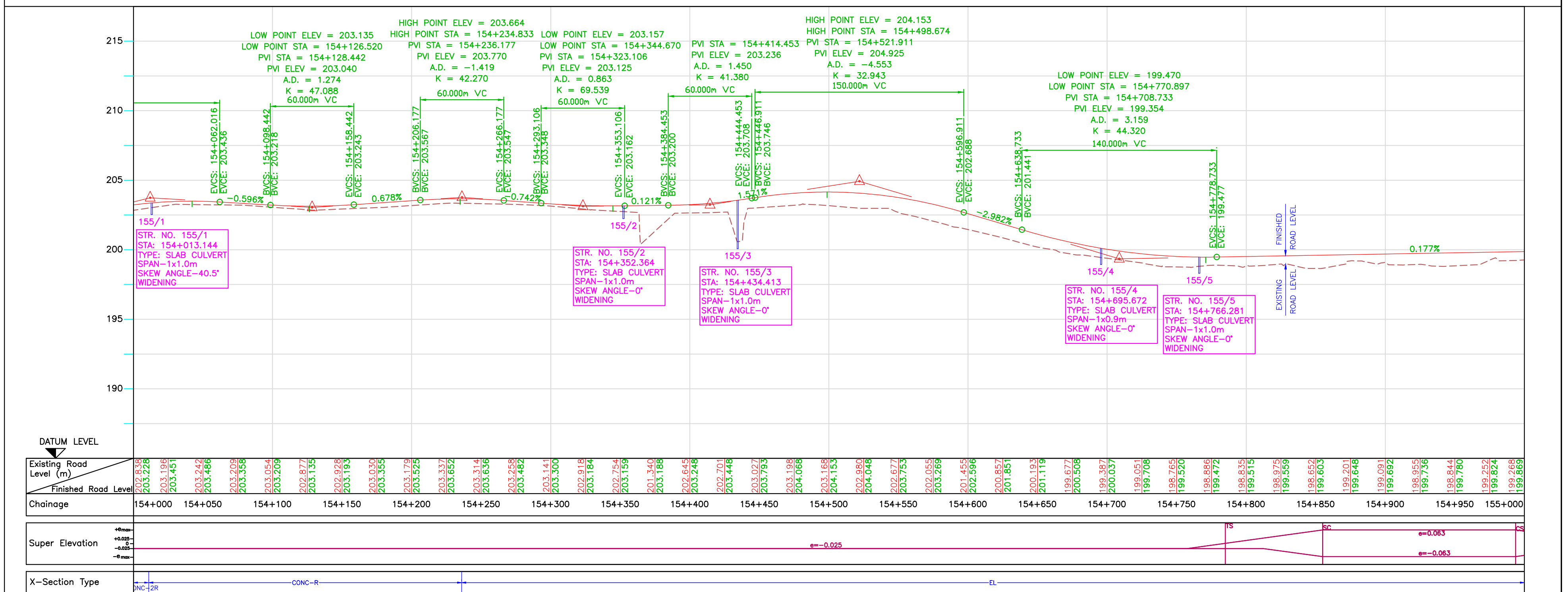
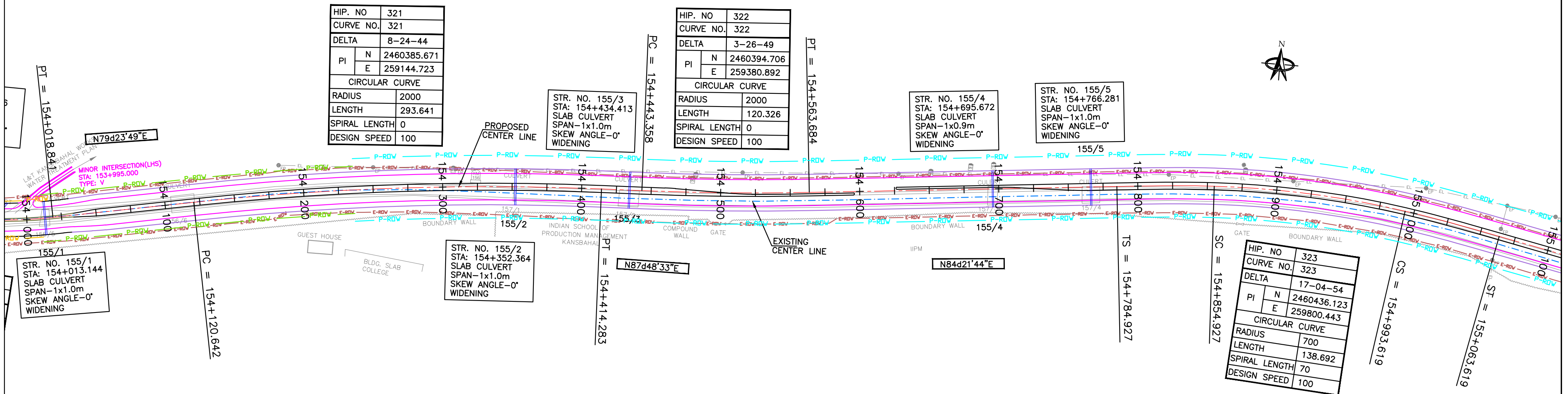
			Date	April 2010	Drawing Title : PLAN AND PROFILE KM 151+000 TO KM 152+000 (SAMBALPUR - ROURKELA)		Scale : Horizontal Scale Vertical Scale	CONSULTANTS: Pricewaterhouse Coopers Pvt. Ltd. Building 8, 7th & 8th Floor, Tower B, DLF Cyber City, Gurgaon-122001 In JV With LEA Associates South Asia Pvt. Ltd. B-1/E-27, Mohan Co-operative Industrial Estate, Mathura Road, New Delhi-110044.	Client: GOVERNMENT OF ORISSA WORKS DEPARTMENT 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				
REVISION				Approved By	Avadesh	Drawing Number :	73231\LASA\HIGHWAYS\PPP\PP - 148		



			Date	April 2010	Drawing Title : PLAN AND PROFILE KM 152+000 TO KM 153+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 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					
REVISION					Approved By	Avadesh	Drawing Number :	73231\LASA\HIGHWAYS\PPP\PP - 149	



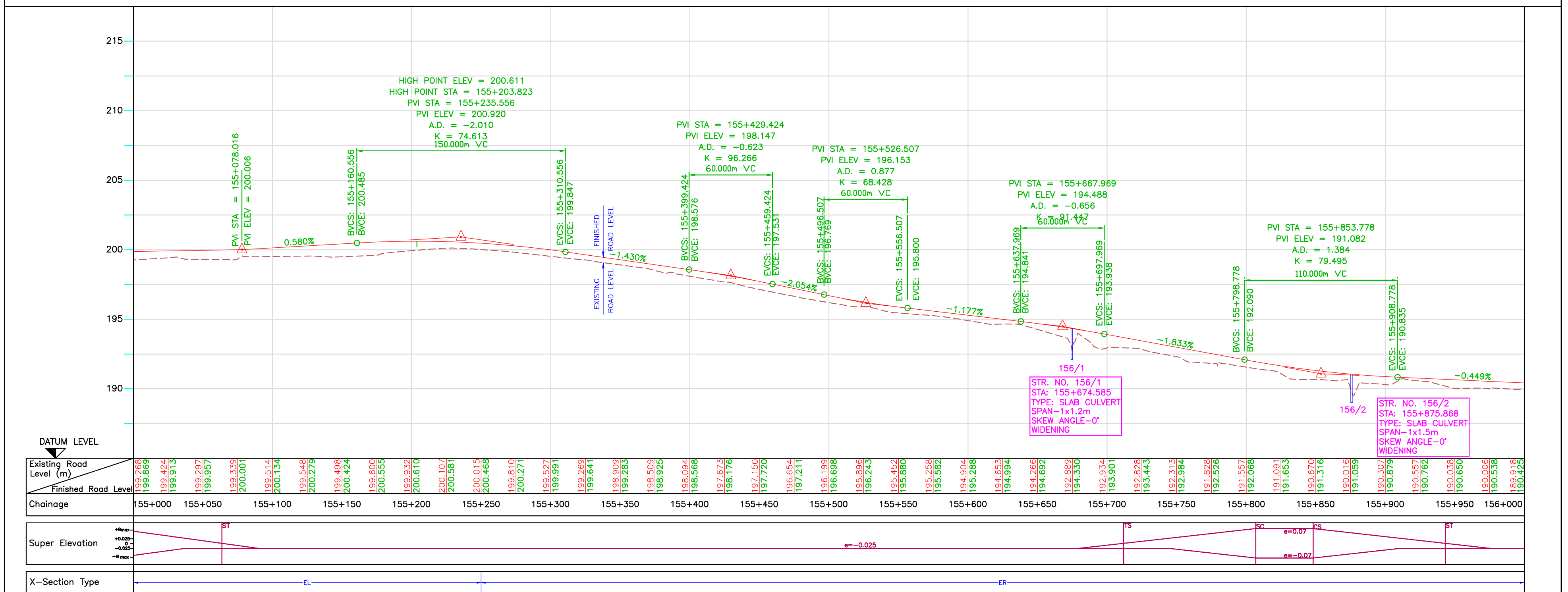
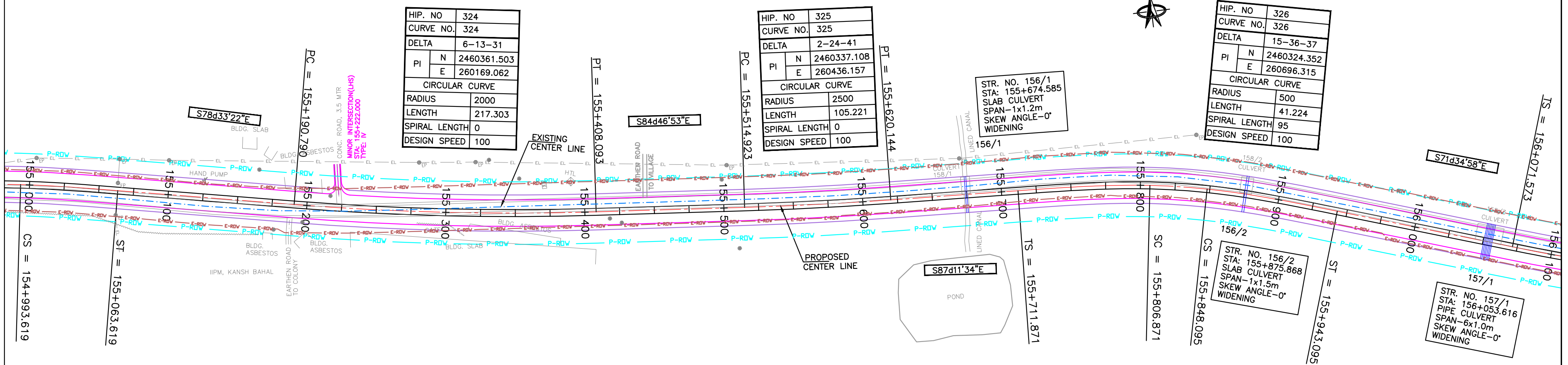
				Date	April 2010	<div>Drawing Title :</div> <div>PLAN AND PROFILE</div> <div>KM 153+000 TO KM 154+000</div> <div>(SAMBALPUR - ROURKELA)</div>		<div>Scale :</div> <div><div><div>020406080100m</div><div>Horizontal Scale</div></div><div><div>0246810m</div><div>Vertical Scale</div></div></div>	<div>CONSULTANTS:</div> <div><div><div><div></div><div>PricewaterhouseCoopers</div></div><div>Pricewaterhouse Coopers Pvt. Ltd.</div><div>Building 8, 7th & 8th Floor,</div><div>Tower B, DLF Cyber City,</div><div>Gurgaon-122001</div><div>In JV With</div><div><div><div></div><div>LEA Associates</div></div><div>LEA Associates South Asia Pvt. Ltd.</div><div>B-1/E-27, Mohan Co-operative Industrial Estate,</div><div>Mathura Road, New Delhi-110044.</div></div></div></div>	<div>Client:</div> <div>GOVERNMENT OF ORISSA</div> <div>WORKS DEPARTMENT</div> <div>Project:</div> <div>PPP TECHNO-ECONOMIC FEASIBILITY STUDY AND</div> <div>TRANSACTION ADVISOR FOR SELECTED</div> <div>STATE ROADS IN THE STATE OF ORISSA</div>
			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 - 150		



				Date	April 2010	<div>Drawing Title :</div> <div>PLAN AND PROFILE</div> <div>KM 154+000 TO KM 155+000</div> <div>(SAMBALPUR - ROURKELA)</div>		<div>Scale :</div> <div><div><div>020406080100m</div><div>Horizontal Scale</div></div><div><div>0246810m</div><div>Vertical Scale</div></div></div>	<div>CONSULTANTS:</div> <div><div><div><div></div><div>PricewaterhouseCoopers</div></div><div>Building 8, 7th & 8th Floor, Tower B, DLF Cyber City, Gurgaon-122001 In JV With</div><div><div><div></div><div>LEA</div></div><div>LEA Associates South Asia Pvt. Ltd. B-1/E-27, Mohan Co-operative Industrial Estate, Mathura Road, New Delhi-110044.</div></div></div></div>	<div>Client:</div> <div>GOVERNMENT OF ORISSA</div> <div>WORKS DEPARTMENT</div>
				Drawn By	Tabish Javed					
				Designed By	Subir Roy					
Mkd.	Descriptions	Date	By	Checked By	S.Rakshit					<div>Drawing Number :</div> <div>73231\LASA\HIGHWAYS\PPP\PP - 151</div>
REVISION				Approved By	Avadesh					

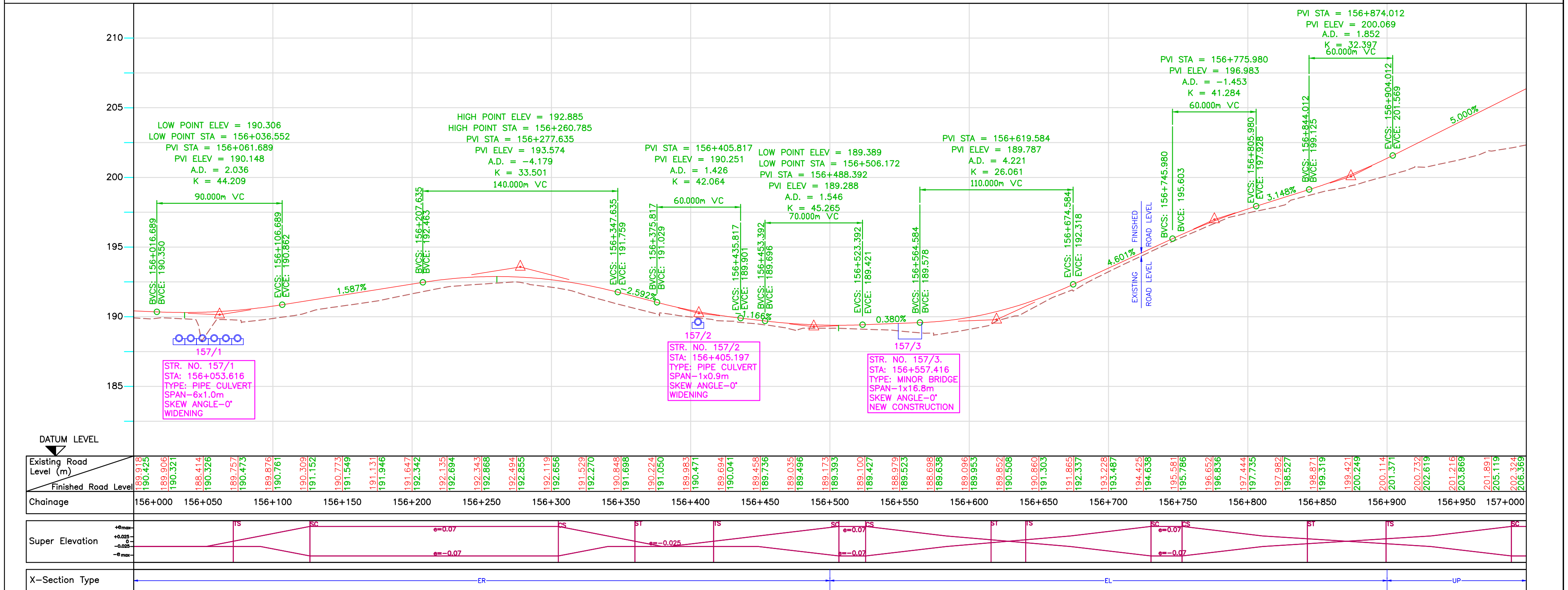
← SAMBALPUR

ROURKELA →



				Date	April 2010	Drawing Title : PLAN AND PROFILE KM 155+000 TO KM 156+000 (SAMBALPUR - ROURKELA)		<div>Scale : Horizontal Scale Vertical Scale</div>		CONSULTANTS: <div> 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.</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								
REVISION				Approved By	Avadesh	Drawing Number :	73231\LASA\HIGHWAYS\PPP\PP - 152						

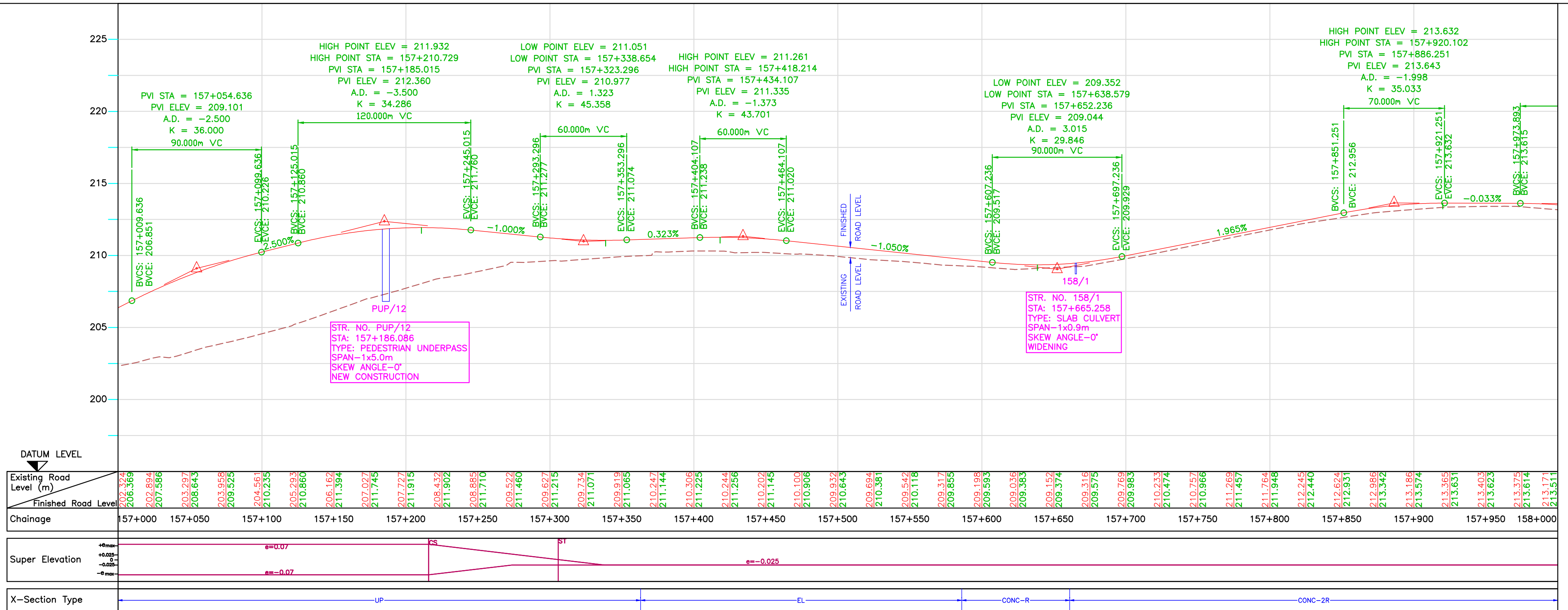
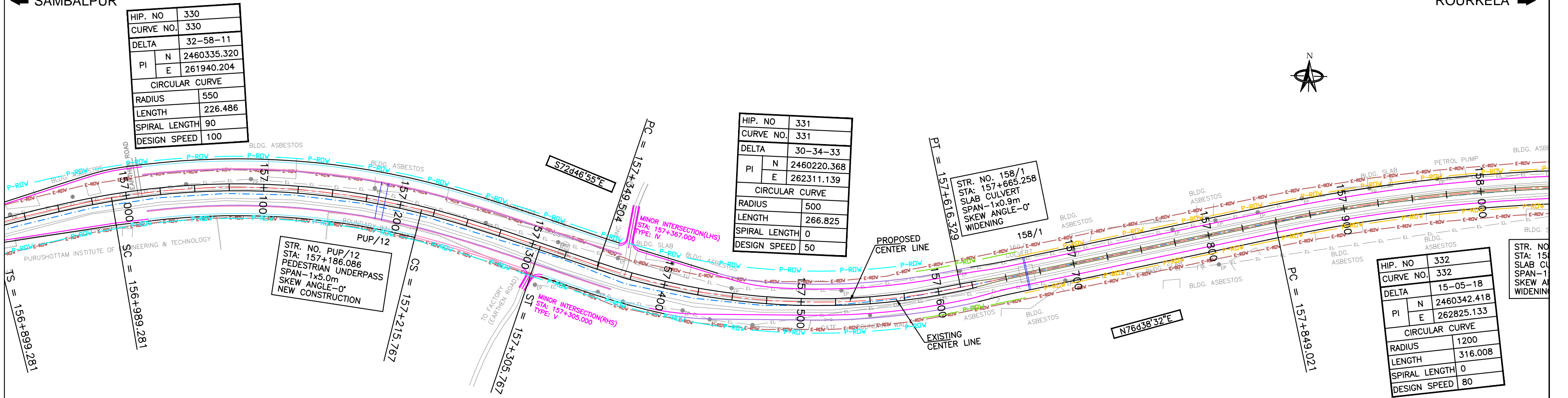
ROURKELA ➡



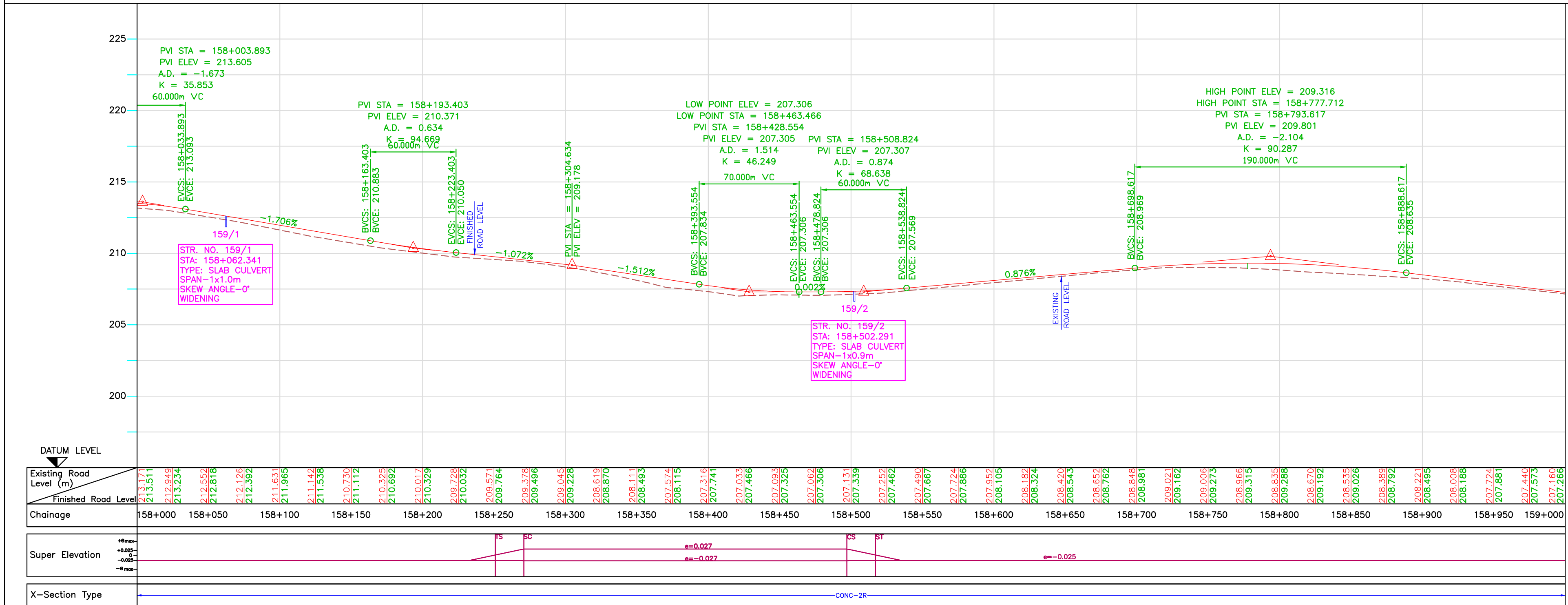
				Date	April 2010	Drawing Title : PLAN AND PROFILE KM 156+000 TO KM 157+000 (SAMBALPUR - ROURKELA)		Scale : Horizontal Scale Vertical Scale	CONSULTANTS: Pricewaterhouse Coopers Pvt. Ltd. Building 8, 7th & 8th Floor, Tower B, DLF Cyber City, Gurgaon-122001 In JV With LEA Associates South Asia Pvt. Ltd. B-1/E-27, Mohan Co-operative Industrial Estate, Mathura Road, New Delhi-110044.	Client: GOVERNMENT OF ORISSA WORKS DEPARTMENT 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					
REVISION				Approved By	Avadesh	Drawing Number :	73231\LASA\HIGHWAYS\PPP\PP - 153			

← SAMBALPUR

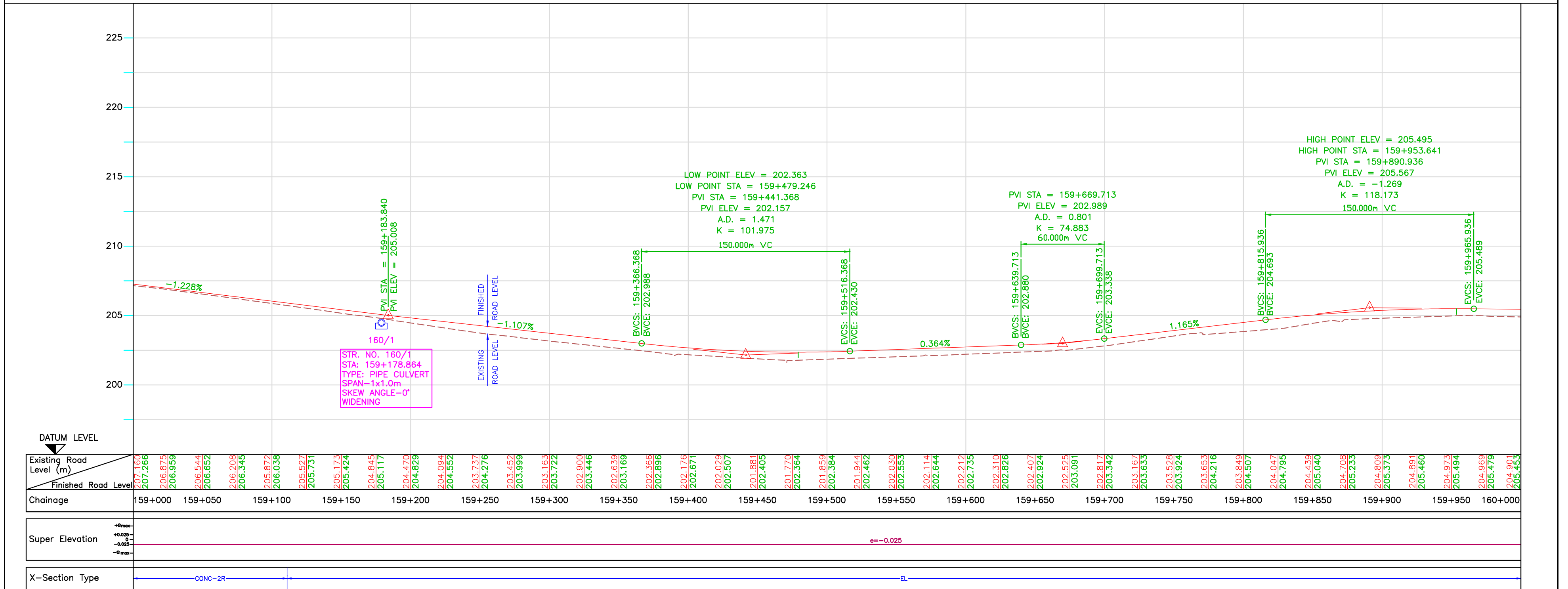
ROURKELA ➡







			Date	April 2010	Drawing Title : PLAN AND PROFILE KM 157+000 TO KM 158+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 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				
REVISION				Approved By	Avadesh	Drawing Number :	73231\LASA\HIGHWAYS\PPP\PP - 154		



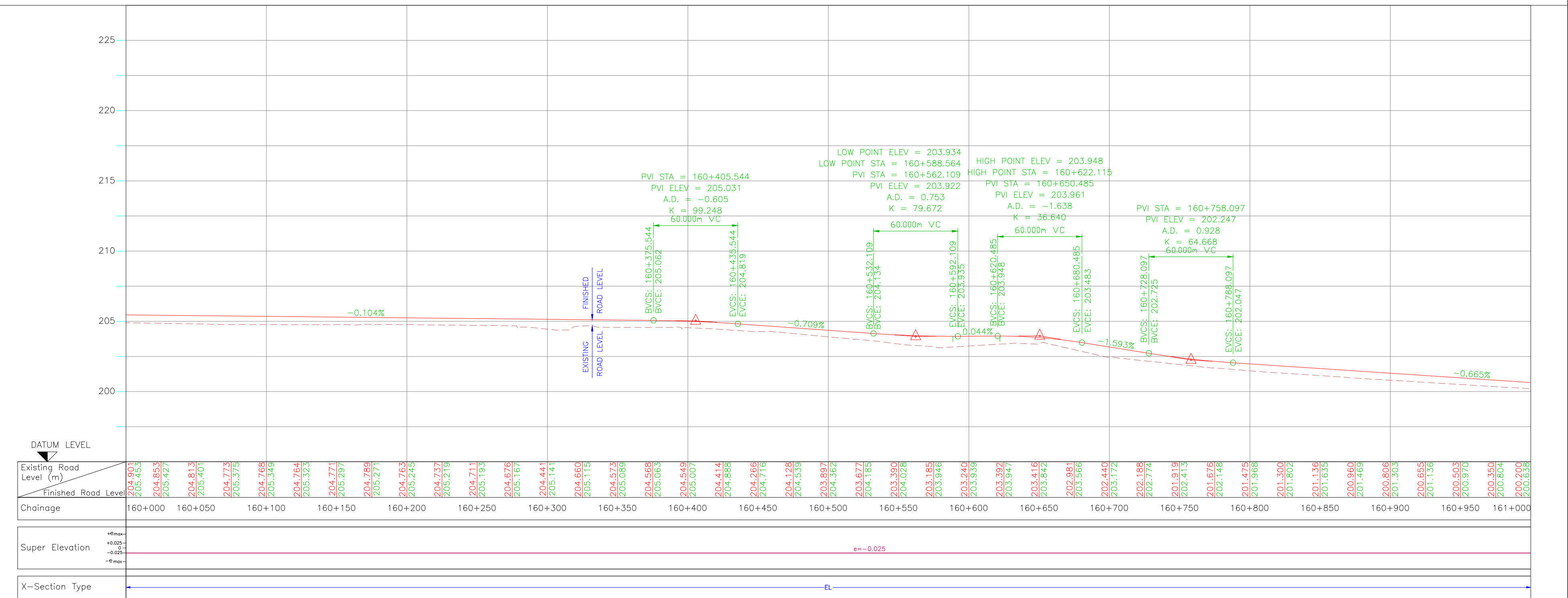
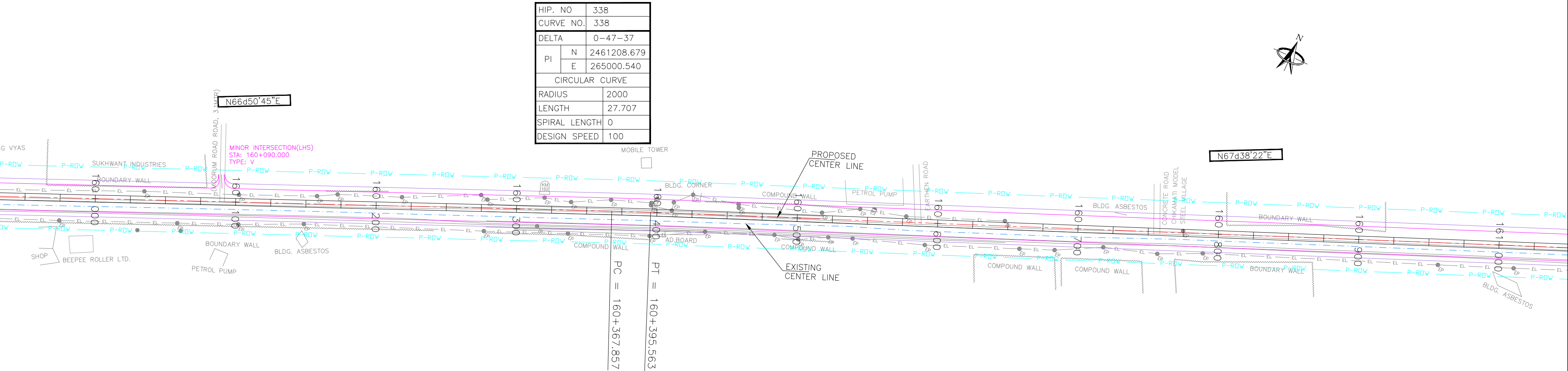
				Date	April 2010	<div>Drawing Title :</div> <div>PLAN AND PROFILE</div> <div>KM 158+000 TO KM 159+000</div> <div>(SAMBALPUR - ROURKELA)</div>		<div>Scale :</div> <div><div><div>020406080100m</div><div>Horizontal Scale</div></div><div><div>0246810m</div><div>Vertical Scale</div></div></div>	<div>CONSULTANTS:</div> <div><div><div><div></div><div>PricewaterhouseCoopers</div></div><div>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.</div></div></div>	<div>Client:</div> <div>GOVERNMENT OF ORISSA</div> <div>WORKS DEPARTMENT</div>			
				<div>Project:</div> <div>PPP TECHNO-ECONOMIC FEASIBILITY STUDY AND TRANSACTION ADVISOR FOR SELECTED STATE ROADS IN THE STATE OF ORISSA</div>									
Mkd.	Descriptions	Date	By		Checked By					S.Rakshit			
REVISION				Approved By	Avadesh					Drawing Number :	73231\LASA\HIGHWAYS\PPP\PP - 155		



			Date	April 2010	Drawing Title :		Scale :		CONSULTANTS:		Client: GOVERNMENT OF ORISSA WORKS DEPARTMENT
			Drawn By	Tabish Javed	PLAN AND PROFILE KM 159+000 TO KM 160+000 (SAMBALPUR - ROURKELA)		 Horizontal Scale		 Pricewaterhouse Coopers Pvt. Ltd. Building 8, 7th & 8th Floor, Tower B, DLF Cyber City, Gurgaon-122001		
			Designed By	Subir Roy			 Vertical Scale		 LEA Associates South Asia Pvt. Ltd. In JV With		
Mkd.	Descriptions	Date	By	Checked By			S.Rakshit			B-1/E-27, Mohan Co-operative Industrial Estate, Mathura Road, New Delhi-110044.	
REVISION				Approved By	Avadesh	Drawing Number :	73231\ASA\HIGHWAYS\PPP\PP - 156				

← SAMBALPUR

ROURKELA →



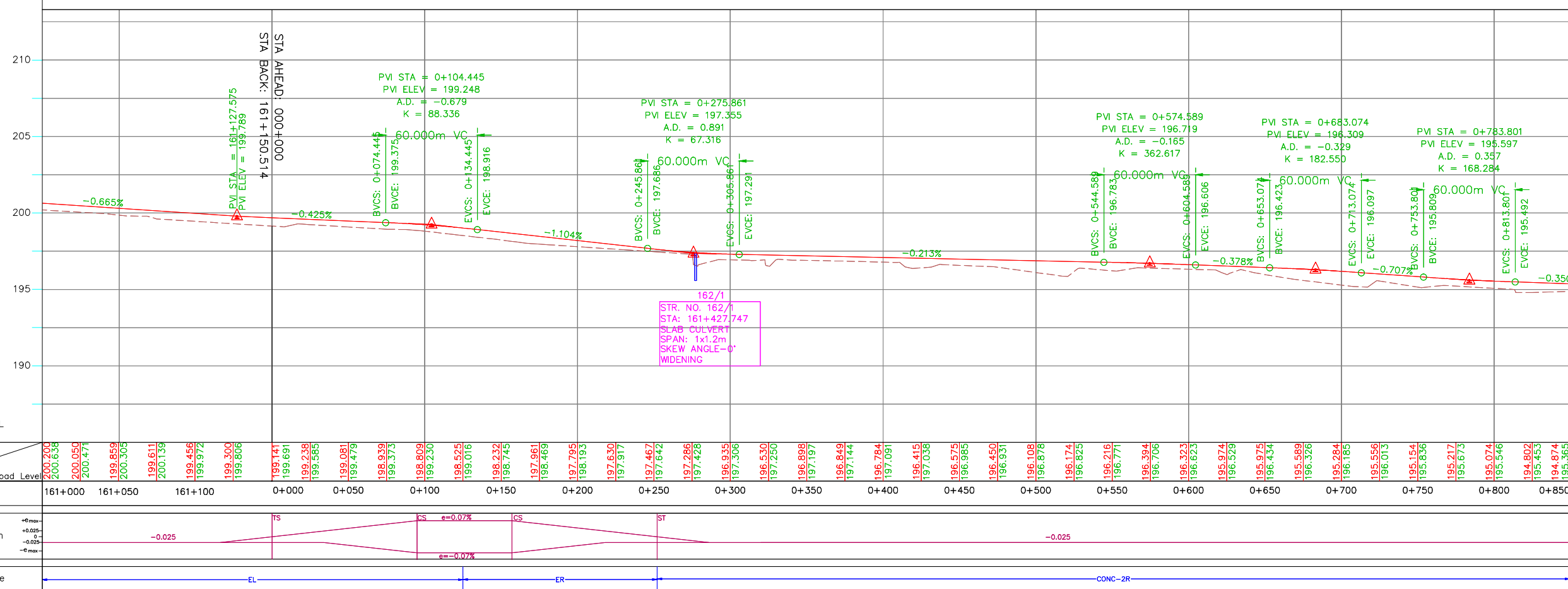
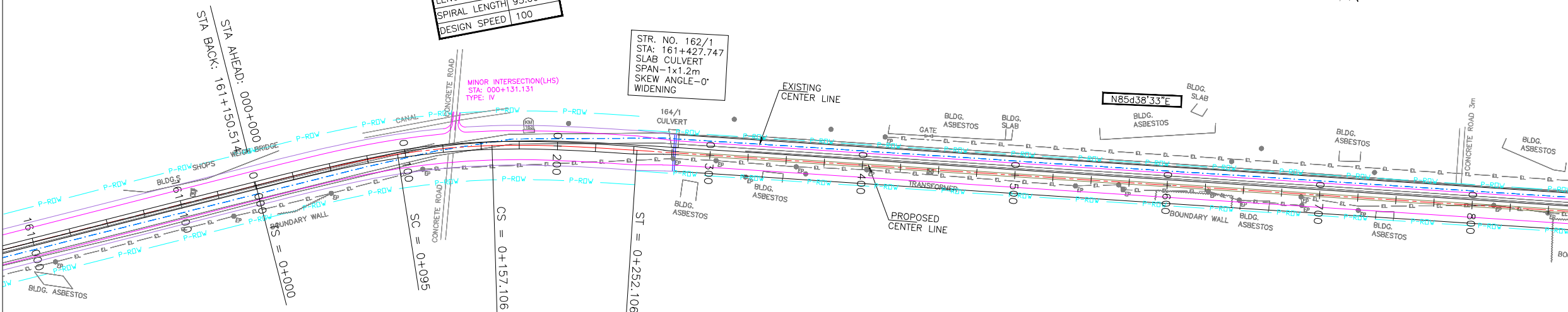
				Date	April 2010	Drawing Title : PLAN AND PROFILE KM 160+000 TO KM 161+000 (SAMBALPUR - ROURKELA)	<div>Scale : Horizontal Scale Vertical Scale</div>	CONSULTANTS: Pricewaterhouse Coopers Pvt. Ltd. Building 8, 7th & 8th Floor, Tower B, DLF Cyber City, Gurgaon-122001 In JV With LEA Associates South Asia 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	S.Rakshit	Drawing Number :	73231\LASA\HIGHWAYS\PPP\PP - 157			
REVISION				Approved By	Avadesh					

← SAMBALPUR

ROURKELA →

HIP. NO.	339
CURVE NO.	339
DELTA	18-00-11
PI	N 2461549.401
	E 265828.815
CIRCULAR CURVE	
RADIUS	500.00
LENGTH	62.106
SPIRAL LENGTH	95.000
DESIGN SPEED	100

STR. NO. 162/1
STA: 161+427.747
SLAB CULVERT
SPAN-1x1.2m
SKEW ANGLE-0°
WIDENING



			Date	Nov 2011	Drawing Title : PLAN AND PROFILE KM 161+000 TO KM 162+000 (SAMBALPUR - ROURKELA)		<div>Scale : Horizontal Scale 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.</div>	Client: GOVERNMENT OF ORISSA WORKS DEPARTMENT
			Drawn By	joemon					
			Designed By	Subir Roy					
Mkd.	Descriptions	Date	By	Checked By					
REVISION			Approved By	Avadesh	Drawing Number :	73231\LASA\HIGHWAYS\PPP\PP - 158			Project: PPP TECHNO-ECONOMIC FEASIBILITY STUDY AND TRANSACTION ADVISOR FOR SELECTED STATE ROADS IN THE STATE OF ORISSA

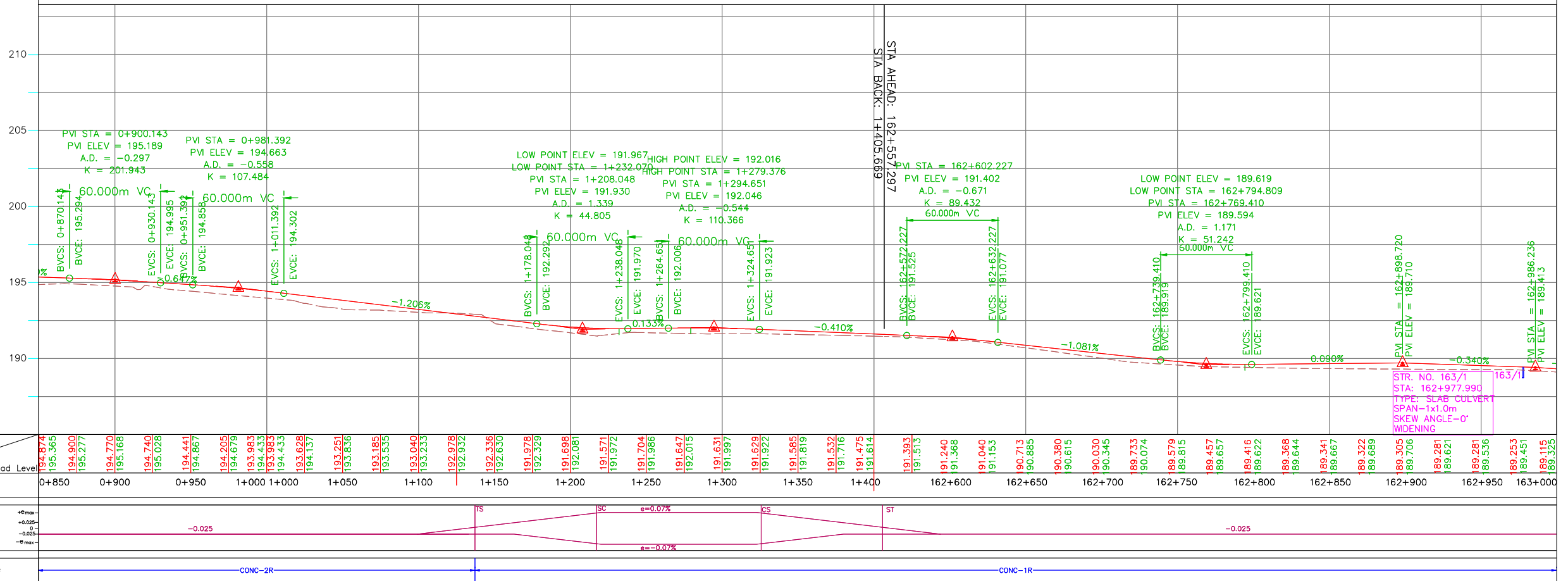
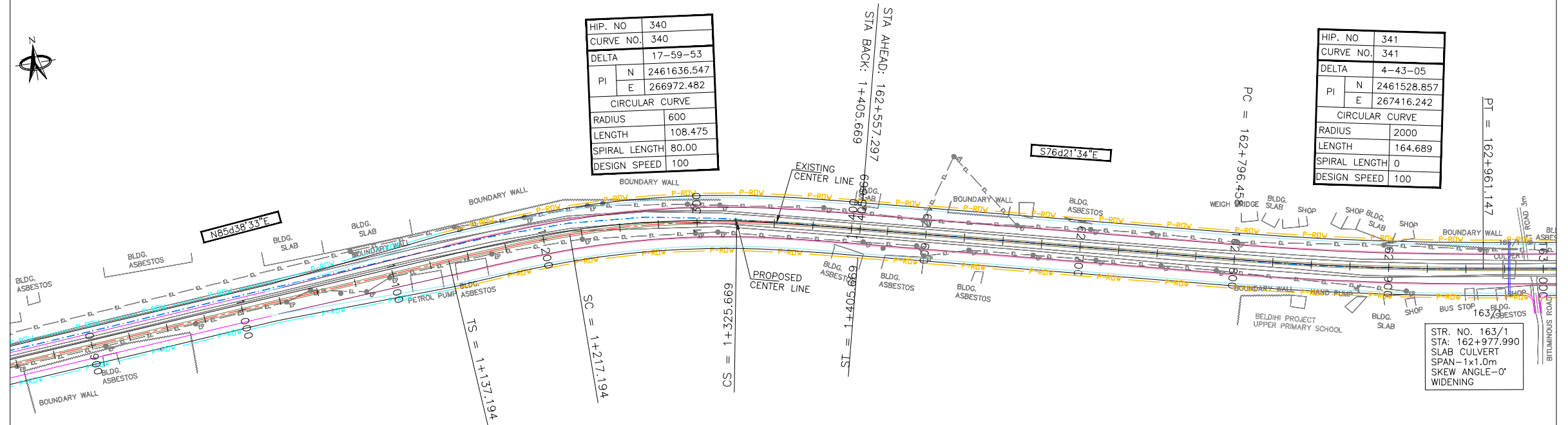
← SAMBALPUR

ROURKELA →



HIP. NO	340
CURVE NO.	340
DELTA	17-59-53
PI	N 2461636.547 E 266972.482
CIRCULAR CURVE	
RADIUS	600
LENGTH	108.475
SPIRAL LENGTH	80.00
DESIGN SPEED	100

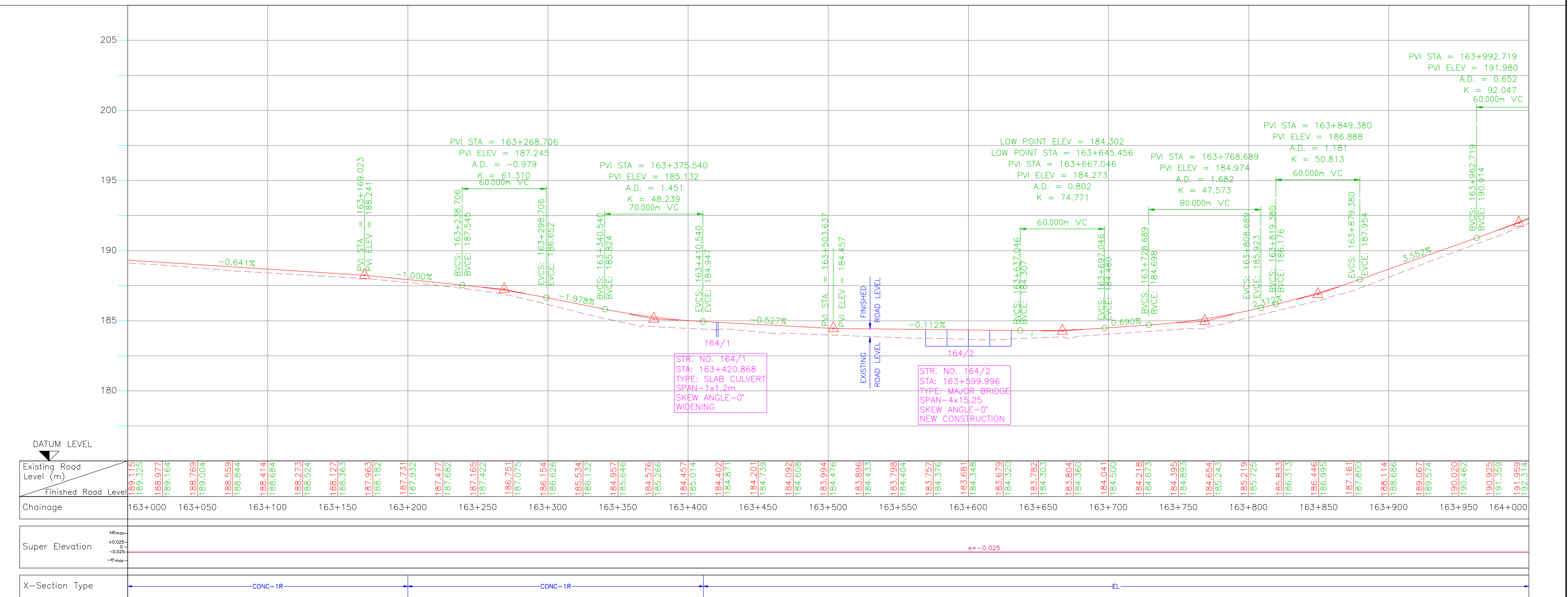
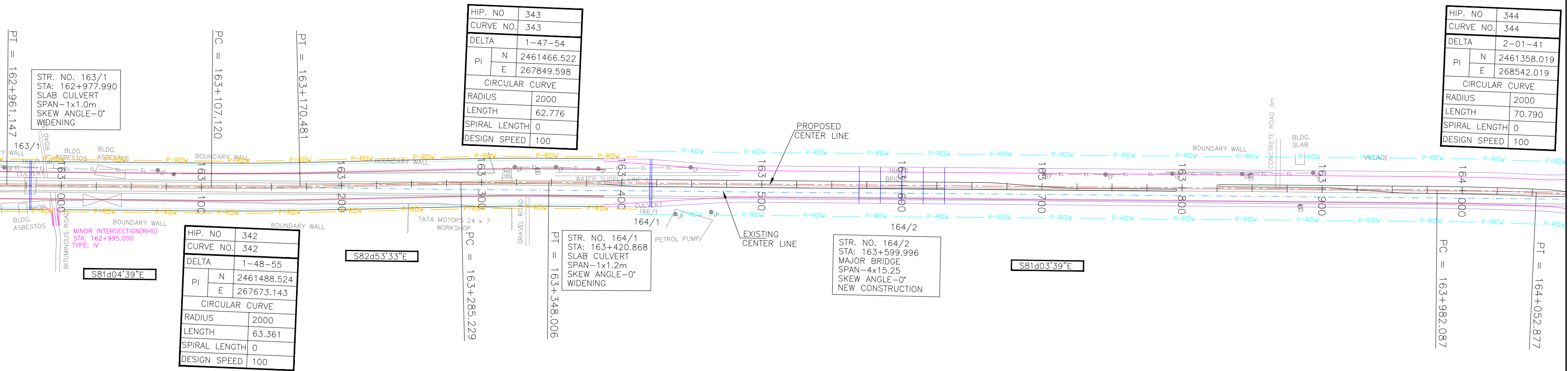
HIP. NO	341
CURVE NO.	341
DELTA	4-43-05
PI	N 2461528.857 E 267416.242
CIRCULAR CURVE	
RADIUS	2000
LENGTH	164.689
SPIRAL LENGTH	0
DESIGN SPEED	100



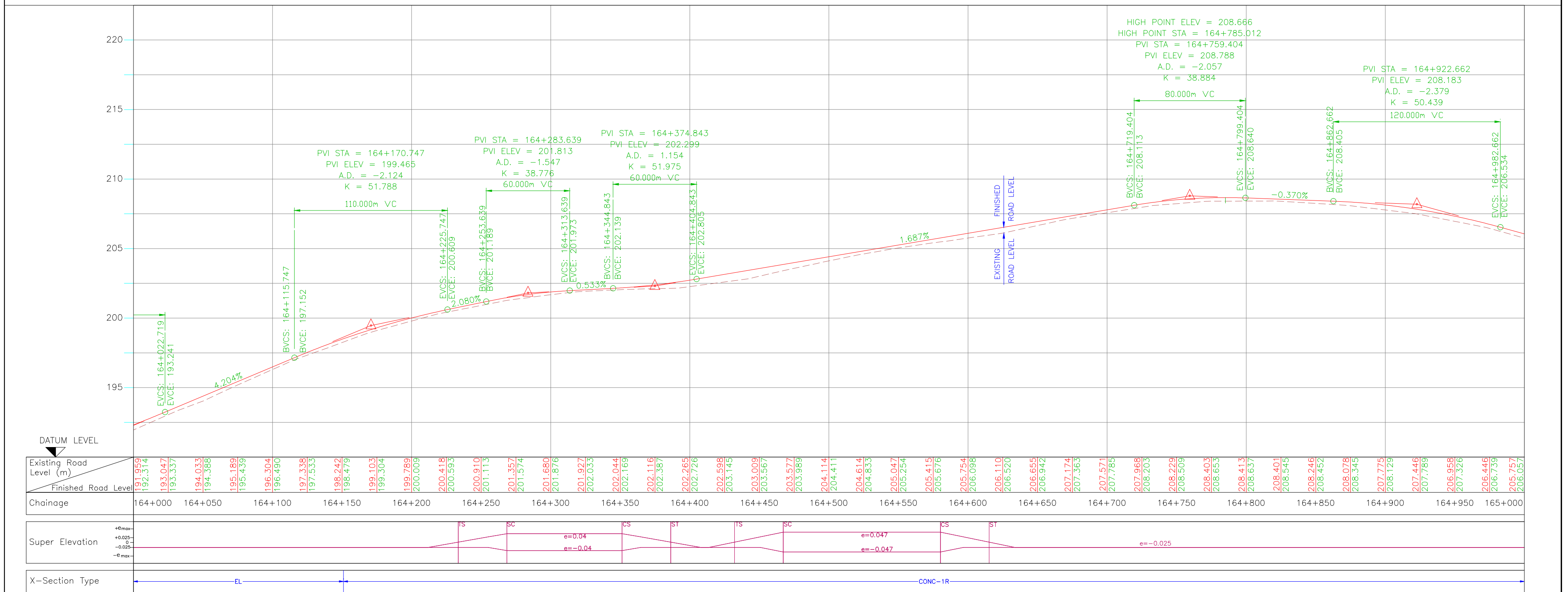
				Date	Nov 2011	Drawing Title : PLAN AND PROFILE KM 162+000 TO KM 163+000 (SAMBALPUR - ROURKELA)	<div>Scale : Horizontal Scale Vertical Scale</div>	<div>CONSULTANTS: Pricewaterhouse Coopers Pvt. Ltd. Building 8, 7th & 8th Floor, Tower B, DLF Cyber City, Gurgaon-122001 In JV With LEA Associates South Asia Pvt. Ltd. B-1/E-27, Mohan Co-operative Industrial Estate, Mathura Road, New Delhi-110044.</div>	Client:	GOVERNMENT OF ORISSA WORKS DEPARTMENT
				Drawn By	joemon				Project:	PPP TECHNO-ECONOMIC FEASIBILITY STUDY AND TRANSACTION ADVISOR FOR SELECTED STATE ROADS IN THE STATE OF ORISSA
				Designed By	Subir Roy					
				Checked By	S.Rakshit					
Mkd.	Descriptions	Date	By	Approved By	Avadesh	Drawing Number :	73231\LASA\HIGHWAYS\PPP\PP - 158			
REVISION										





← SAMBALPUR

ROURKELA →

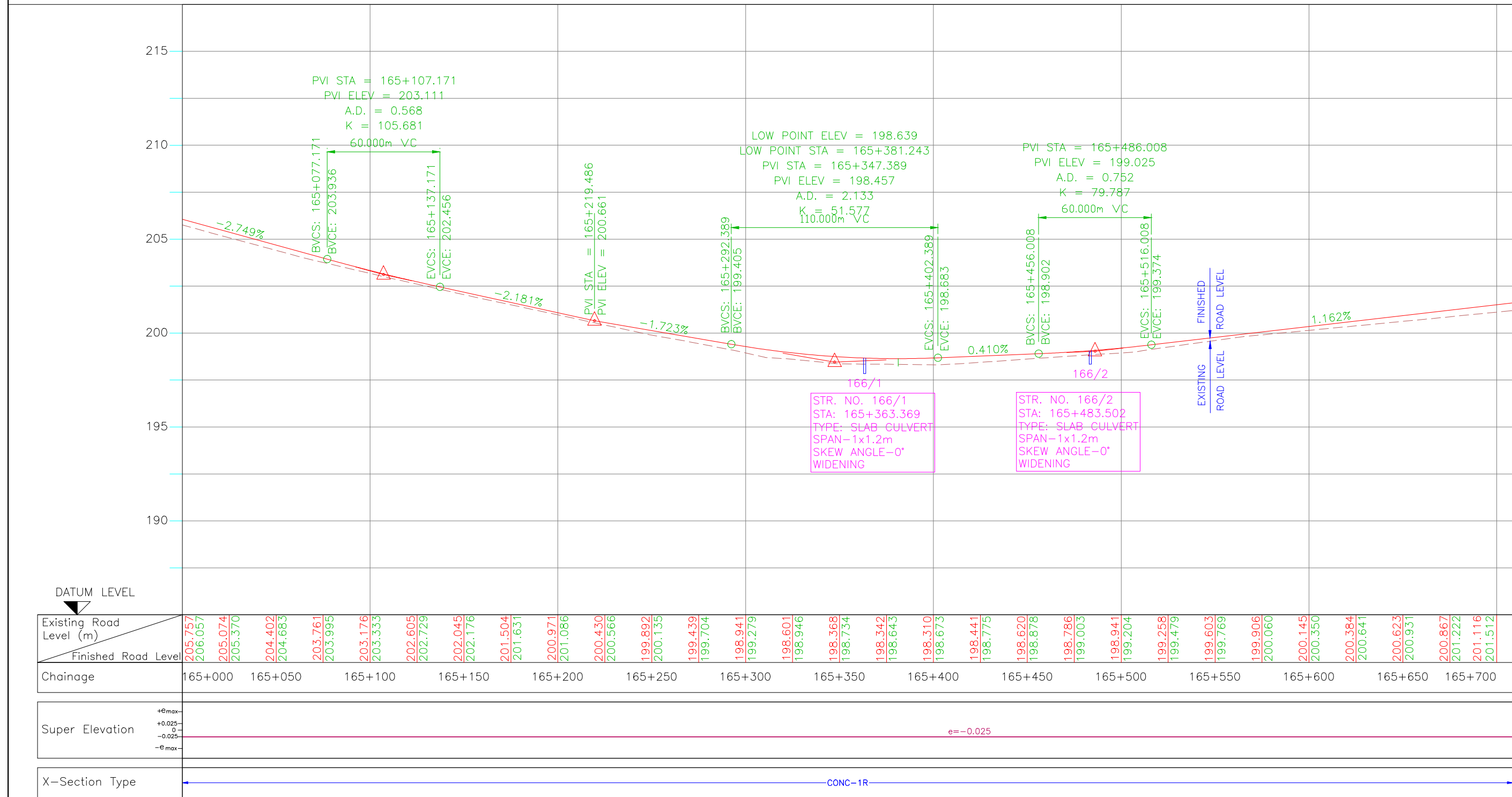



				Date	April 2010	Drawing Title :	Scale :	CONSULTANTS:	Pricewaterhouse Coopers Pvt. Ltd.	Client:	GOVERNMENT OF ORISSA
				Drawn By	Tabish Javed	PLAN AND PROFILE	0 20 40 60 80 100m		Building B, 7th & 8th Floor,		WORKS DEPARTMENT
				Designed By	Subir Roy	KM 163+000 TO KM 164+000	Horizontal Scale		Tower B, DLF Cyber City,		
				Checked By	S.Rakshit	(SAMBALPUR - ROURKELA)	0 2 4 6 8 10m		Gurgaon-122001		
Mkd.	Descriptions	Date	By	Approved By	Avadesh	Drawing Number :	Vertical Scale		In JV With	Project:	PPP TECHNO-ECONOMIC FEASIBILITY STUDY AND
						73231\LASA\HIGHWAYS\PPP\PP - 160			LEA Associates South Asia Pvt. Ltd.		TRANSACTION ADVISOR FOR SELECTED
									B-1/E-27, Mohan Co-operative Industrial Estate,		STATE ROADS IN THE STATE OF ORISSA
									Mathura Road, New Delhi-110044.		



				Date	April 2010	Drawing Title :		Scale :		CONSULTANTS:		Client:	
				Drawn By	Tabish Javed	PLAN AND PROFILE KM 164+000 TO KM 165+000 (SAMBALPUR - ROURKELA)		 Horizontal Scale		 Pricewaterhouse Coopers Pvt. Ltd. Building 8, 7th & 8th Floor, Tower B, DLF Cyber City, Gurgaon-122001		GOVERNMENT OF ORISSA WORKS DEPARTMENT	
				Designed By	Subir Roy			 Vertical Scale		In JV With LEA Associates South Asia Pvt. Ltd. B-1/E-27, Mohan Co-operative Industrial Estate, Mathura Road, New Delhi-110044.		Project: PPP TECHNO-ECONOMIC FEASIBILITY STUDY AND TRANSACTION ADVISOR FOR SELECTED STATE ROADS IN THE STATE OF ORISSA	
Mkd.	Descriptions		Date	By	Checked By			S.Rakshit					
REVISION				Approved By	Avadesh	Drawing Number :	73231\LASA\HIGHWAYS\PPP\PP - 161						

ROURKELA ➡



			Date	April 2010	Drawing Title : PLAN AND PROFILE KM 165+000 TO KM 165+708.589 (SAMBALPUR - ROURKELA)			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	S.Rakshit				
REVISION				Approved By	Avadesh	Drawing Number :	73231\LASA\HIGHWAYS\PPP\PP - 162		