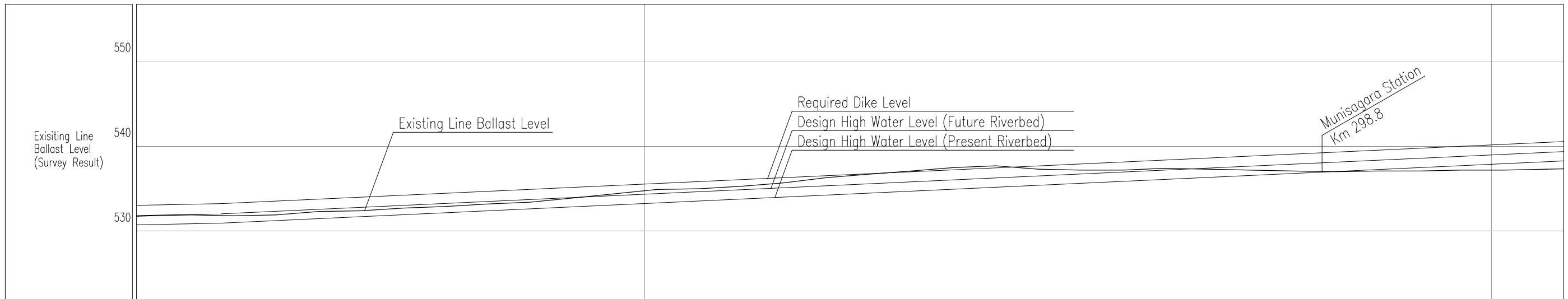
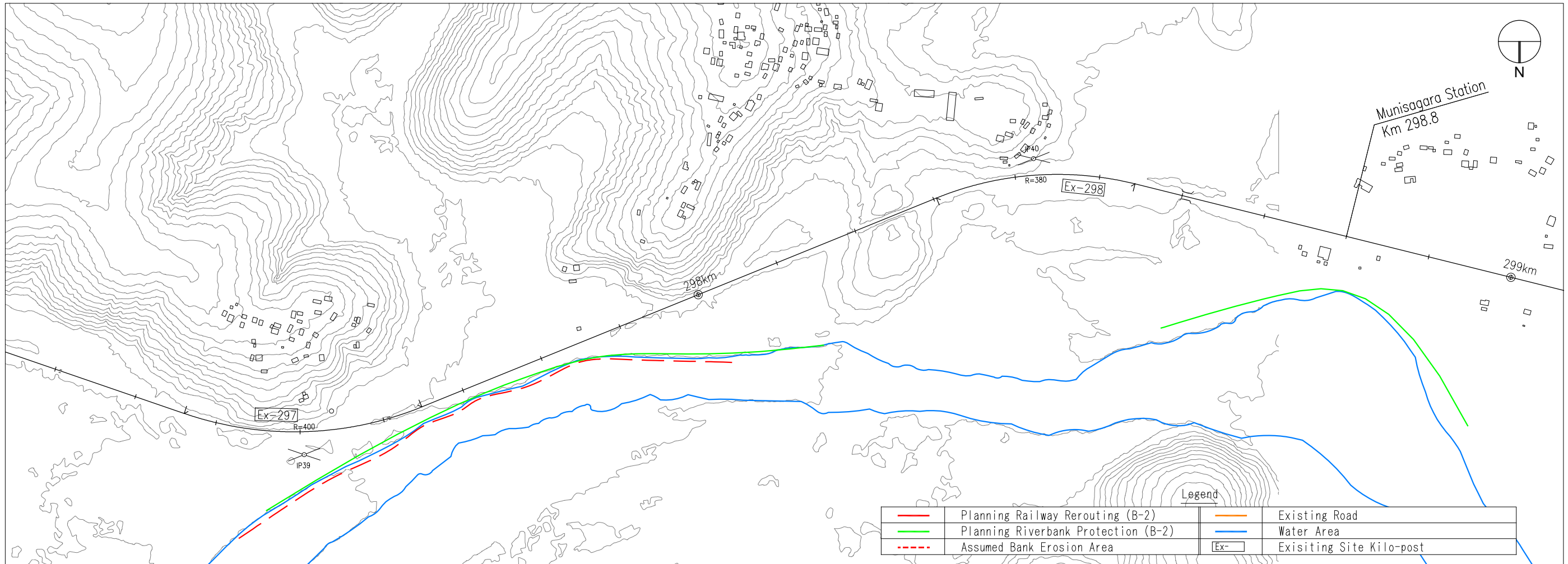


# Existing Railway Line

A1[H=1:2,500 V=1:250] A3[H=1:5,000 V=1:500]



Existing Line Ballast Level (Survey Result)	531.81	531.85	531.89	531.87	531.83	531.81	531.85	531.89	532.02	532.18	532.31	532.35	532.39	532.49	532.61	532.72	532.80	532.88	532.99	533.11	533.22	533.30	533.38	533.55	533.75	533.95	534.15	534.35	534.55	534.75	534.91	534.95	534.99	535.09	535.21	535.34	535.50	535.66	535.88	536.12	536.34	536.50	536.66	536.82	536.98	537.14	537.30	537.46	537.56	537.64	537.66	537.66	537.50	537.34	537.27	537.23	537.20	537.20	537.20	537.26	537.34	537.39	537.39	537.35	537.31	537.27	537.23	537.19	537.15	537.11	537.07	537.03	537.01	537.05	537.09	537.10	537.10	537.11	537.15	537.19	537.20	537.21	537.25	537.29	537.33
Existing Line Curvature	IP39 R=400m										R=380m IP40																																																																										
Kilometrage (Re-Setting)	5   6   7   8   9   298										1   2   3   4   5   6   7   8   9   299																																																																										
Kilometrage (Site Kilo Post)	Km297										Km298																																																																										

**GOVERNMENT AGENCIES:**



**JICA STUDY TEAM:**

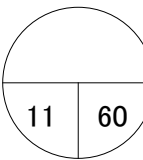
PADECO Co., Ltd.,  
Nippon Koei Co., Ltd.,  
Japan International Consultants  
for Transportation Co., Ltd., and  
Fukken Engineering Co., Ltd.

**PROJECT & LOCATION:**

Preparatory Survey on  
Flood Protection  
Measures for Central  
Railway Line in the United  
Republic of Tanzania

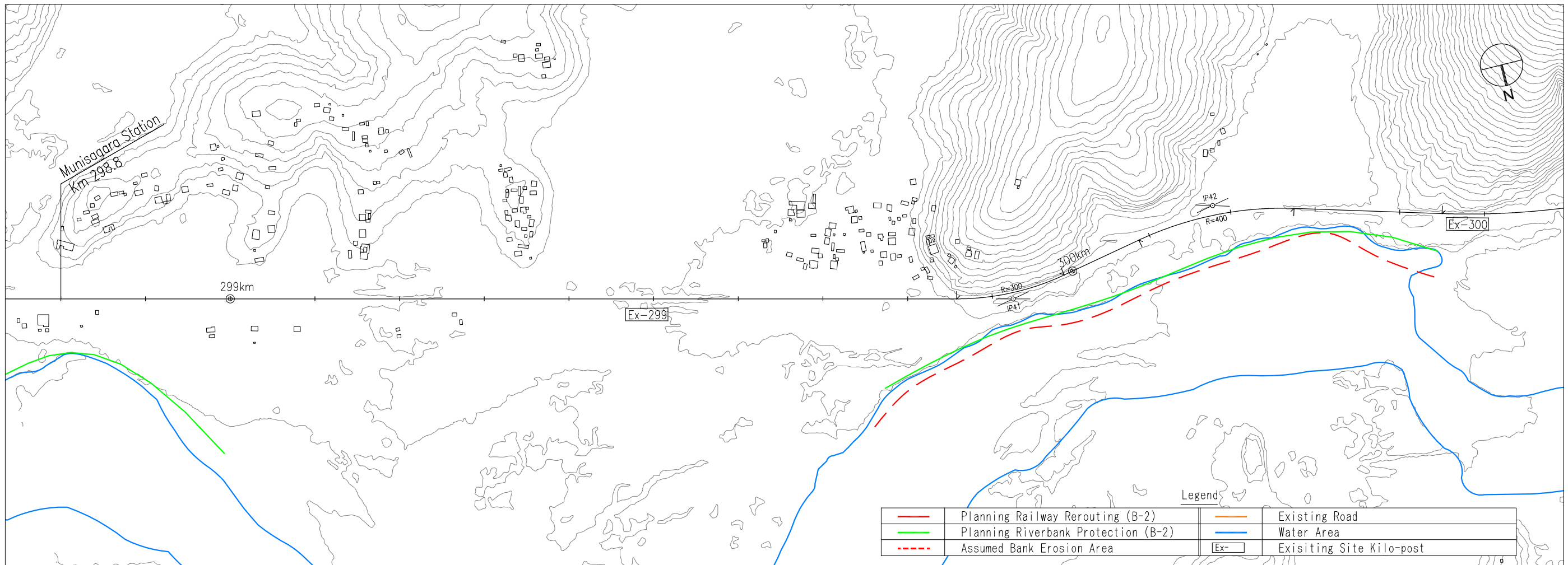
**SHEET CONTENTS:**

**DWG NUM**

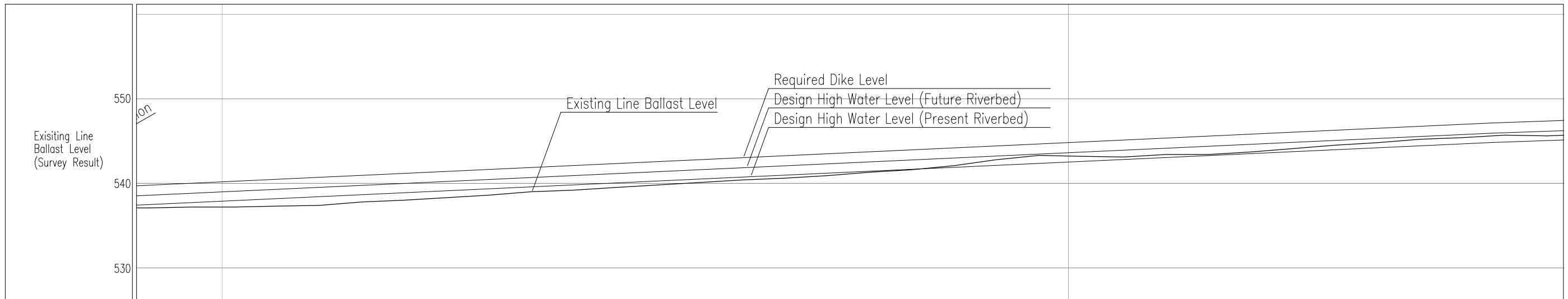


# Existing Railway Line

A1[H=1:2,500 V=1:250] A3[H=1:5,000 V=1:500]



Legend	
<span style="color: red;">---</span>	Planning Railway Rerouting (B-2)
<span style="color: green;">---</span>	Planning Riverbank Protection (B-2)
<span style="color: red;">---</span>	Assumed Bank Erosion Area
<span style="color: orange;">---</span>	Existing Road
<span style="color: blue;">---</span>	Water Area
Ex-	Existing Site Kilo-post



Existing Line Ballast Level (Survey Result)	537.11, 537.15, 537.19, 537.20, 537.21, 537.25, 537.29, 537.33, 537.37, 537.44, 537.60, 537.76, 537.86, 537.94, 538.03, 538.15, 538.27, 538.39, 538.51, 538.64, 538.80, 538.96, 539.06, 539.14, 539.23, 539.35, 539.47, 539.59, 539.71, 539.83, 539.95, 540.07, 540.19, 540.31, 540.42, 540.50, 540.58, 540.69, 540.81, 540.94, 541.10, 541.26, 541.39, 541.51, 541.65, 541.85, 542.05, 542.31, 542.59, 542.85, 543.05, 543.25, 543.27, 543.23, 543.19, 543.15, 543.11, 543.19, 543.31, 543.40, 543.40, 543.40, 543.49, 543.61, 543.74, 543.90, 544.06, 544.22, 544.38, 544.53, 544.65, 544.77, 544.92, 545.08, 545.22, 545.30, 545.38, 545.49, 545.61, 545.69, 545.65, 545.61, 545.66
Existing Line Curvature	IP41 (R=300m), IP42 (R=400m)
Kilometrage (Re-Setting)	299, 1, 2, 3, 4, 5, 6, 7, 8, 9, 300, 1, 2, 3, 4, 5
Kilometrage (Site Kilo Post)	Km299, Km300

## GOVERNMENT AGENCIES:



Japan International Cooperation Agency



Reli Assets Holding Company (RAHCO), Tanzania

## JICA STUDY TEAM:

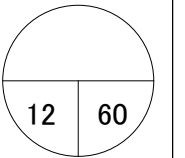
PADECO Co., Ltd.,  
Nippon Koei Co., Ltd.,  
Japan International Consultants for Transportation Co., Ltd., and  
Fukken Engineering Co., Ltd.

## PROJECT & LOCATION:

Preparatory Survey on Flood Protection Measures for Central Railway Line in the United Republic of Tanzania

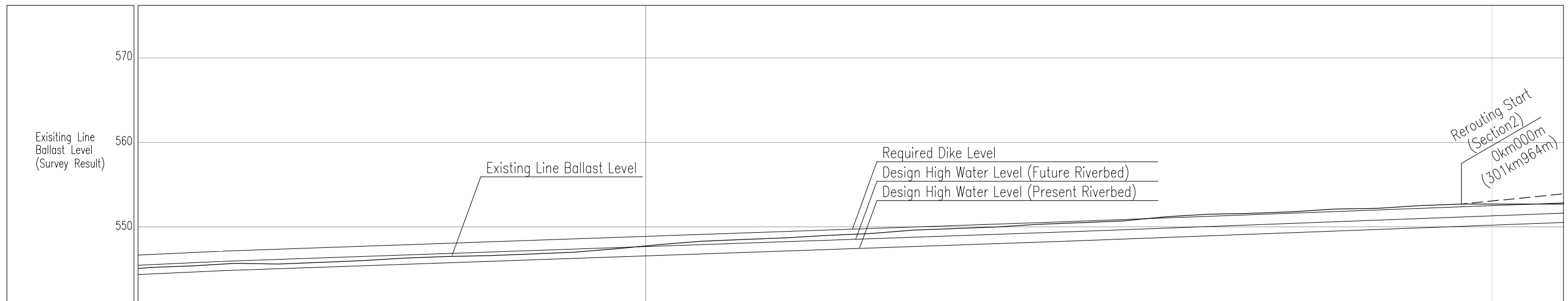
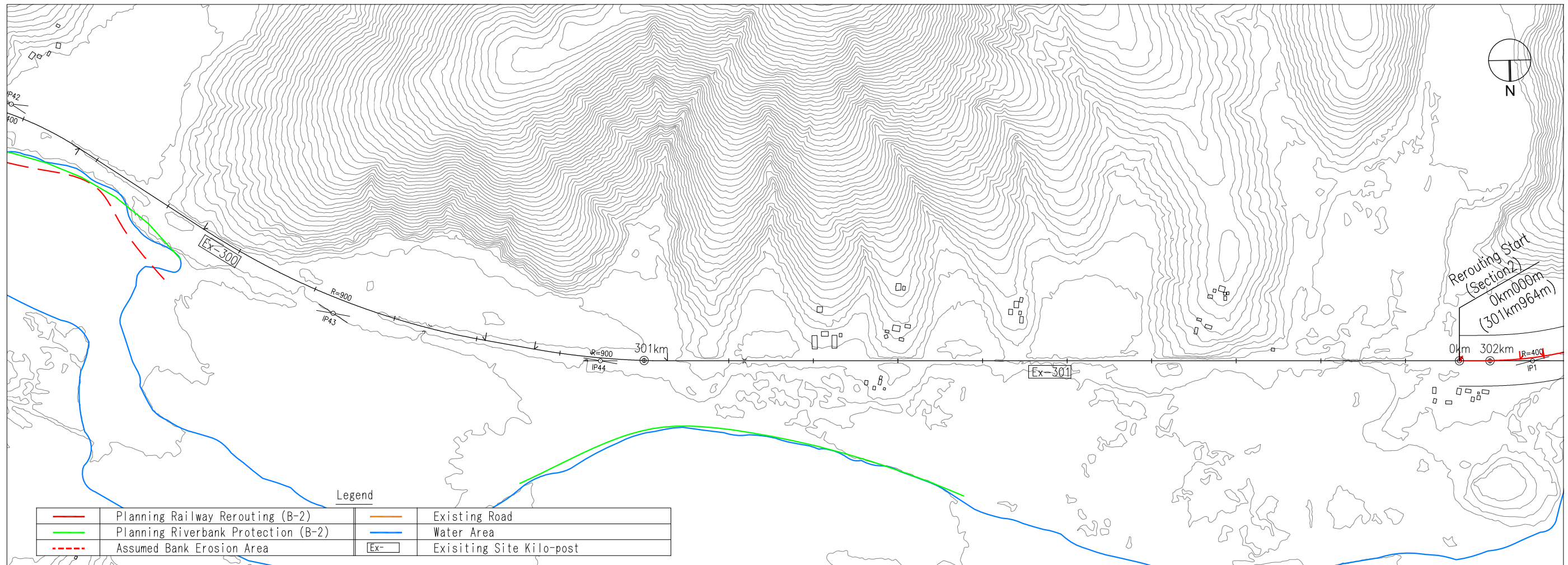
## SHEET CONTENTS:

## DWG NUM



# Existing Railway Line

A1[H=1:2,500 V=1:250] A3[H=1:5,000 V=1:500]



Existing Line Ballast Level (Survey Result)	545.22	545.30	545.38	545.49	545.61	545.69	545.65	545.61	545.66	545.74	545.82	545.90	545.98	546.09	546.21	546.32	546.40	546.48	546.53	546.57	546.62	546.70	546.78	546.86	546.94	547.04	547.20	547.36	547.55	547.75	547.94	548.10	548.26	548.36	548.44	548.52	548.60	548.68	548.79	548.91	549.02	549.10	549.18	549.32	549.48	549.62	549.70	549.78	549.86	549.94	550.03	550.15	550.27	550.36	550.44	550.52	550.60	550.68	550.85	551.05	551.23	551.35	551.47	551.53	551.57	551.62	551.70	551.78	551.89	552.01	552.11	552.15	552.19	552.29	552.41	552.52	552.60	552.68	552.70	552.70	552.70	552.70	552.70	552.70																																																																																																																																													
Existing Line Curvature	IP43 R=900m															IP44 R=900m																																																																																																																																																																																																																	
Kilometrage (Re-Setting)	6															7															8															9															301															1															2															3															4															5															6															7															8															9															302														
Kilometrage (Site Kilo Post)	Km300																														Km301																																																																																																																																																																																																		

**GOVERNMENT AGENCIES:**



**JICA STUDY TEAM:**

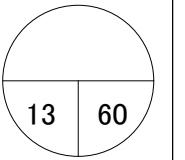
PADECO Co., Ltd.,  
Nippon Koei Co., Ltd.,  
Japan International Consultants  
for Transportation Co., Ltd., and  
Fukken Engineering Co., Ltd.

**PROJECT & LOCATION:**

Preparatory Survey on  
Flood Protection  
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Railway Line in the United  
Republic of Tanzania

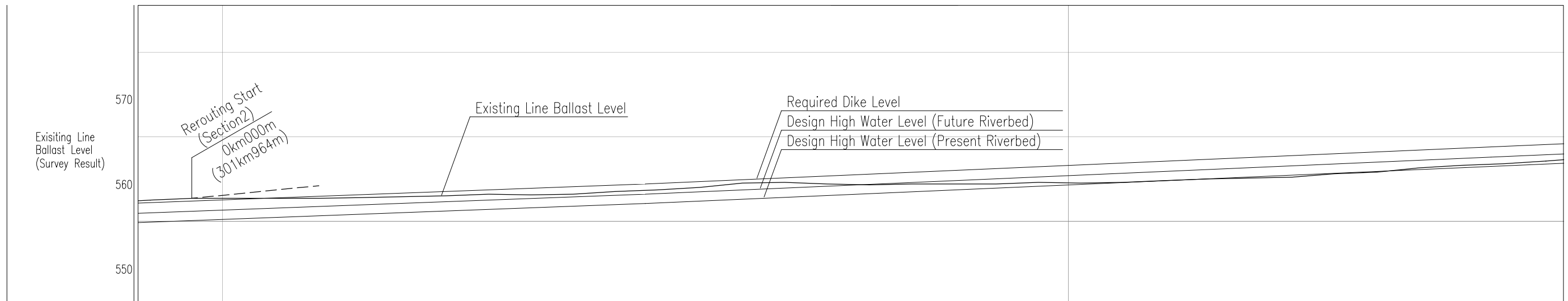
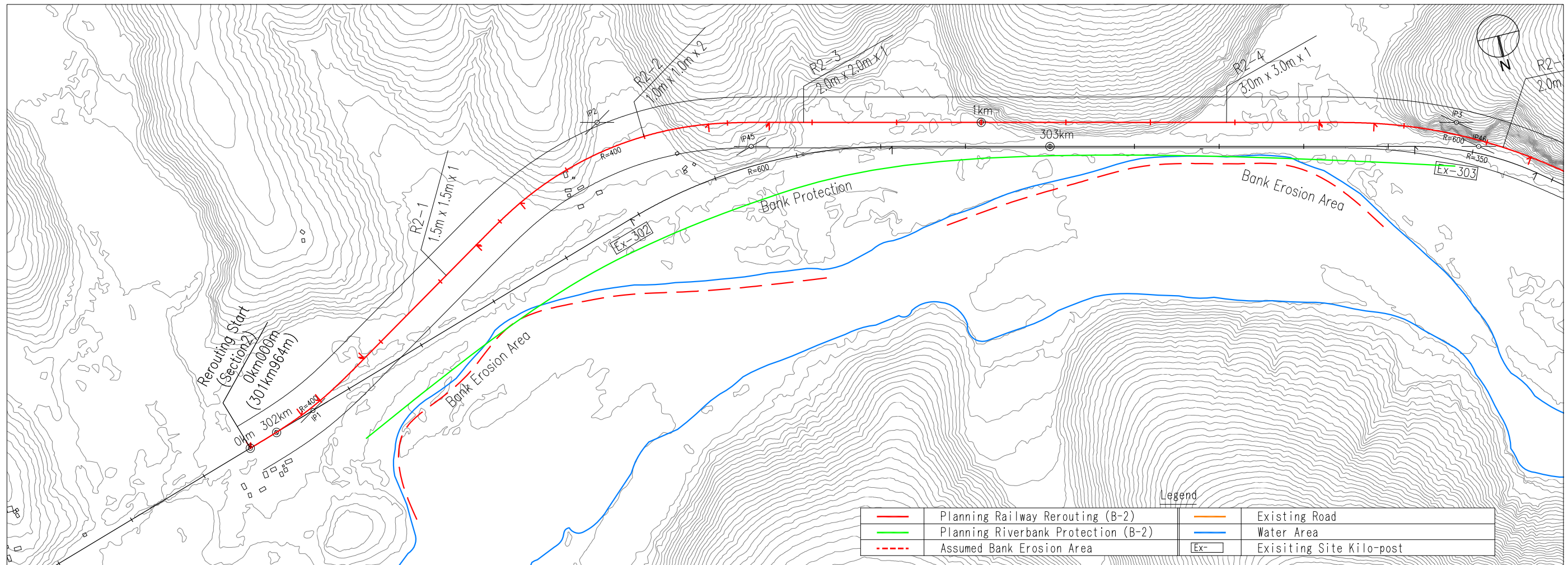
**SHEET CONTENTS:**

**DWG NUM**



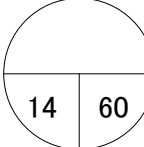


# Existing Railway Line

A1[H=1:2,500 V=1:250] A3[H=1:5,000 V=1:500]

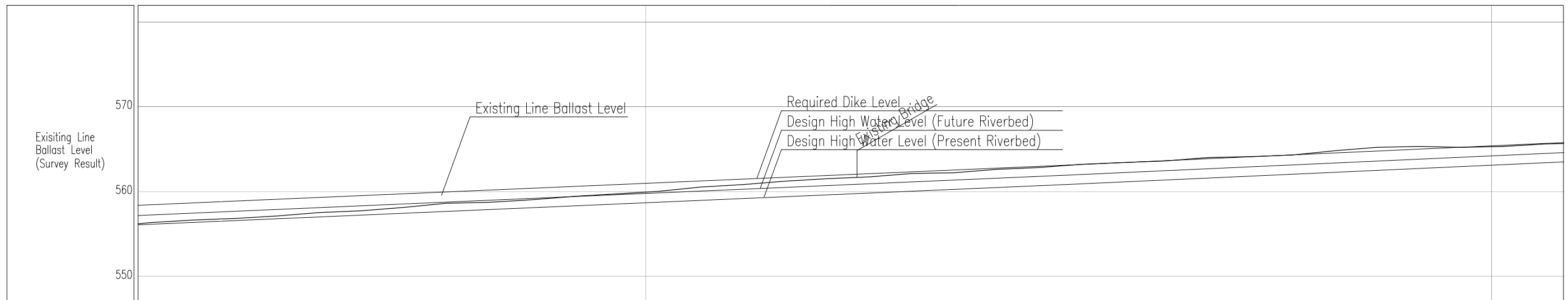
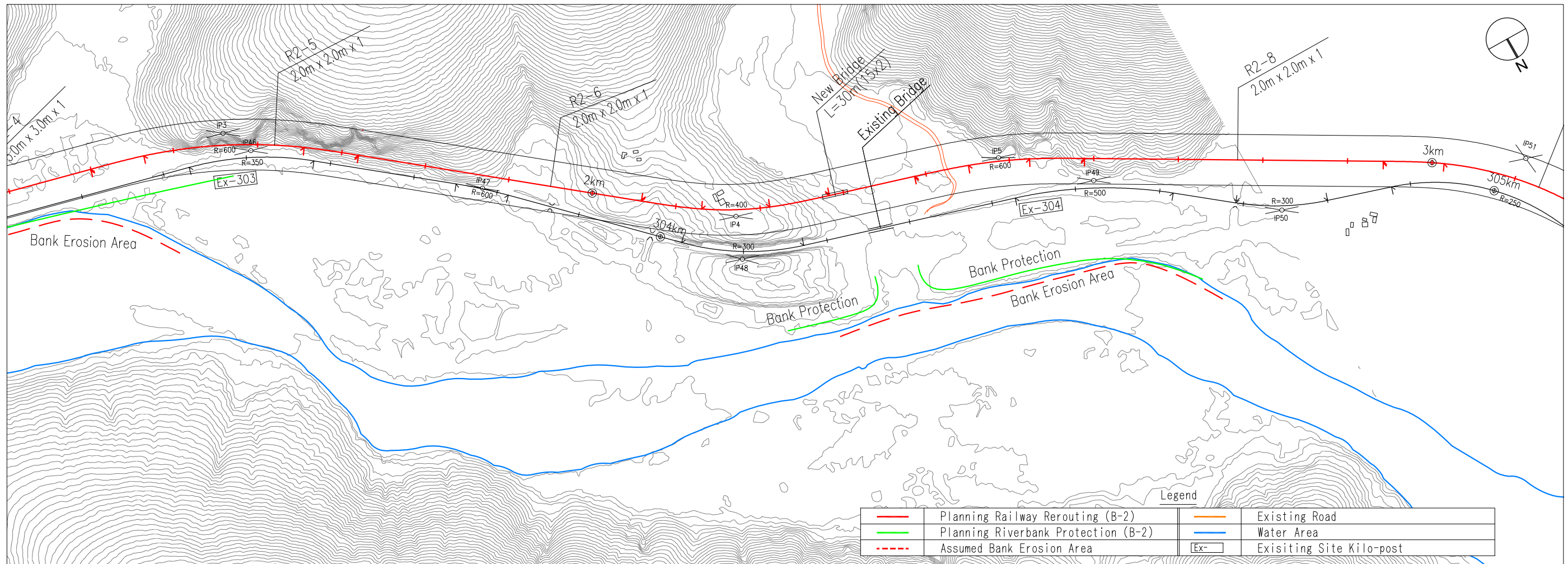


Existing Line Ballast Level (Survey Result)	552.52	552.60	552.68	552.70	552.70	552.70	552.70	552.70	552.71	552.75	552.79	552.83	552.87	552.91	552.95	552.99	553.06	553.14	553.19	553.15	553.11	553.13	553.17	553.23	553.35	553.47	553.56	553.64	553.73	553.85	553.97	554.15	554.35	554.51	554.55	554.59	554.54	554.46	554.39	554.35	554.31	554.33	554.37	554.40	554.40	554.40	554.40	554.40	554.42	554.50	554.58	554.57	554.53	554.51	554.55	554.55	554.59	554.66	554.74	554.82	554.90	554.98	555.03	555.07	555.11	555.15	555.19	555.32	555.48	555.62	555.70	555.78	555.95	556.15	556.33	556.45	556.57	556.66	556.74	556.83	556.95	557.07	557.22																																																																																																																			
Existing Line Curvature																													R=600m IP45																				R=350m IP46																																																																																																																																																					
Kilometrage (Re-Setting)																													302										1										2										3										4										5										6										7										8										9										303										1										2										3										4										5										303									
Kilometrage (Site Kilo Post)																													Km302																				Km303																																																																																																																																																					

<b>GOVERNMENT AGENCIES:</b>  Japan International Cooperation Agency		 Reli Assets Holding Company (RAHCO), Tanzania		<b>JICA STUDY TEAM:</b> PADECO Co., Ltd., Nippon Koei Co., Ltd., Japan International Consultants for Transportation Co., Ltd., and Fukken Engineering Co., Ltd.		<b>PROJECT &amp; LOCATION:</b> Preparatory Survey on Flood Protection Measures for Central Railway Line in the United Republic of Tanzania		<b>SHEET CONTENTS:</b>		<b>DWG NUM</b> 	
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# Existing Railway Line

A1[H=1:2,500 V=1:250] A3[H=1:5,000 V=1:500]



Existing Line Ballast Level (Survey Result)	556.33	556.45	556.57	556.66	556.74	556.83	556.95	557.07	557.22	557.38	557.52	557.60	557.68	557.82	557.98	558.15	558.35	558.55	558.63	558.67	558.73	558.85	558.97	559.12	559.28	559.43	559.55	559.67	559.79	559.91	560.05	560.25	560.45	560.59	560.71	560.84	561.00	561.16	561.29	561.41	561.52	561.60	561.68	561.82	561.98	562.11	562.15	562.19	562.32	562.48	562.62	562.70	562.78	562.92	563.08	563.22	563.30	563.38	563.46	563.54	563.64	563.80	563.96	564.03	564.07	564.12	564.20	564.28	564.45	564.65	564.84	565.00	565.16	565.23	565.27	565.29	565.25	565.21	565.23	565.27	565.33	565.45	565.57	565.63
Existing Line Curvature	R=350m IP46			R=600m IP47										R=300m IP48										R=500m IP49										R=300m IP50										R=250m IP51																																								
Kilometrage (Re-Setting)	5					6					7					8					9					304					1					2					3					4					5					6					7					8					9					305								
Kilometrage (Site Kilo Post)	Km303																														Km304																																																					

**GOVERNMENT AGENCIES:**



Japan International Cooperation Agency



Reli Assets Holding Company (RAHCO), Tanzania

**JICA STUDY TEAM:**

PADECO Co., Ltd.,  
Nippon Koei Co., Ltd.,  
Japan International Consultants for Transportation Co., Ltd., and  
Fukken Engineering Co., Ltd.

**PROJECT & LOCATION:**

Preparatory Survey on Flood Protection Measures for Central Railway Line in the United Republic of Tanzania

**SHEET CONTENTS:**

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