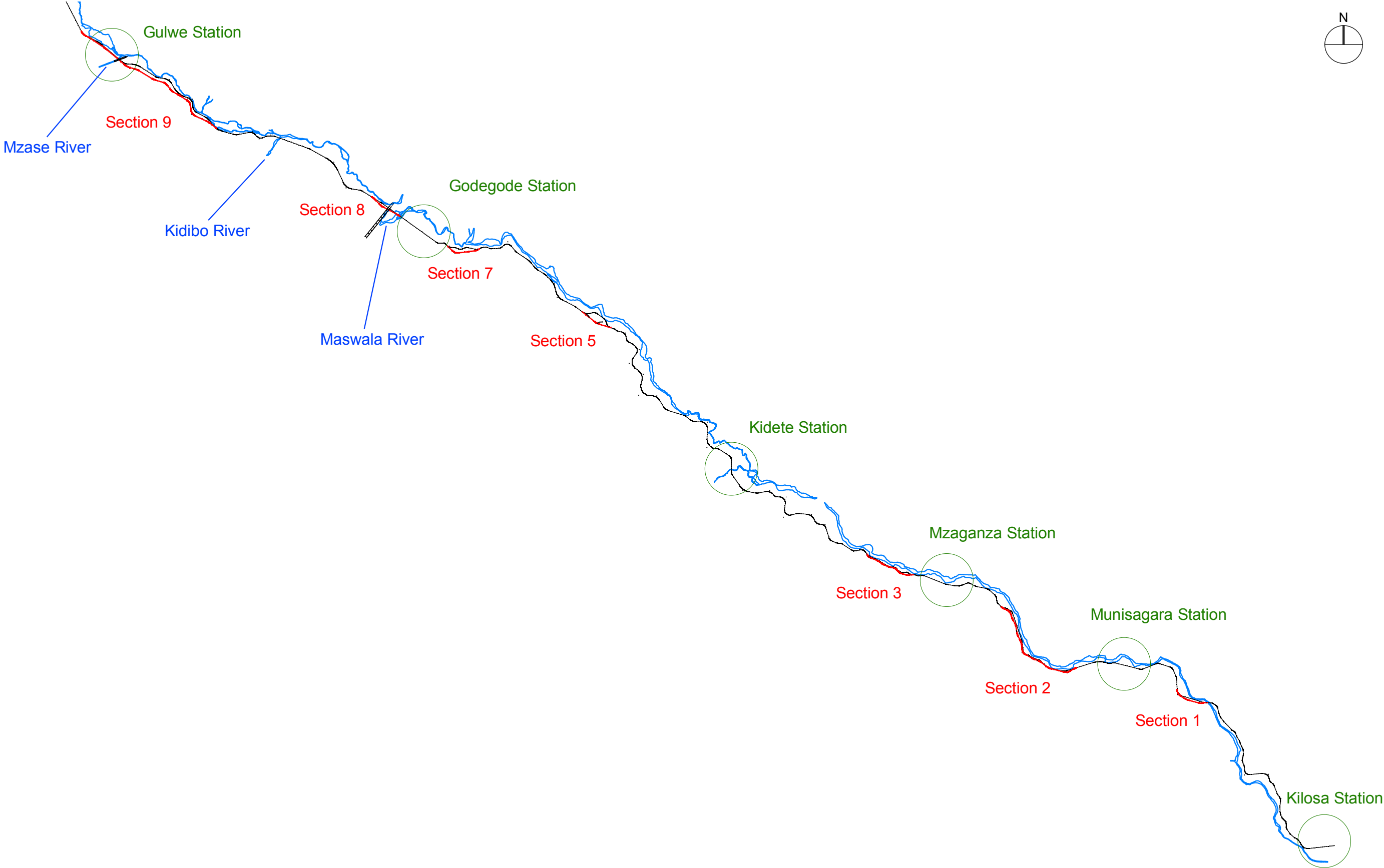
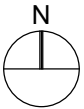




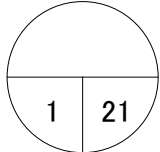
APPENDIX V

ALIGNMENT DRAWING OF REROUTING LINE

Railway Rerouting Plan

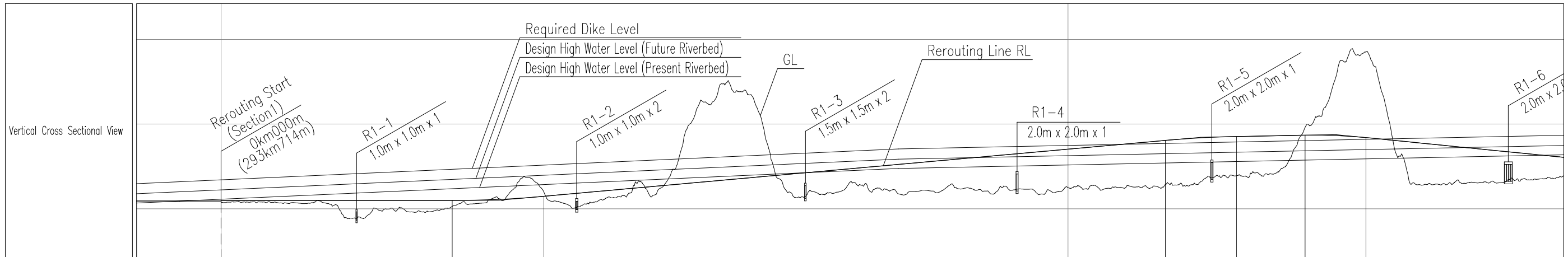
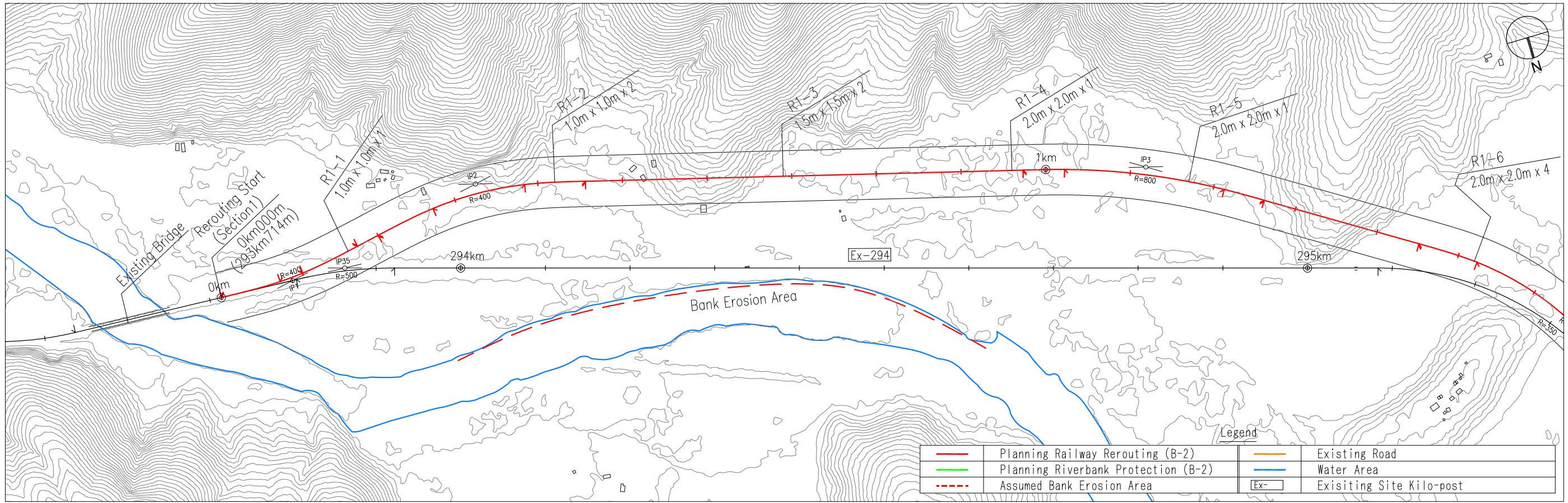
A1[H=1:100,000] A3[H=1:200,000]



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

Railway Rerouting Plan Section 1 (1/2)

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

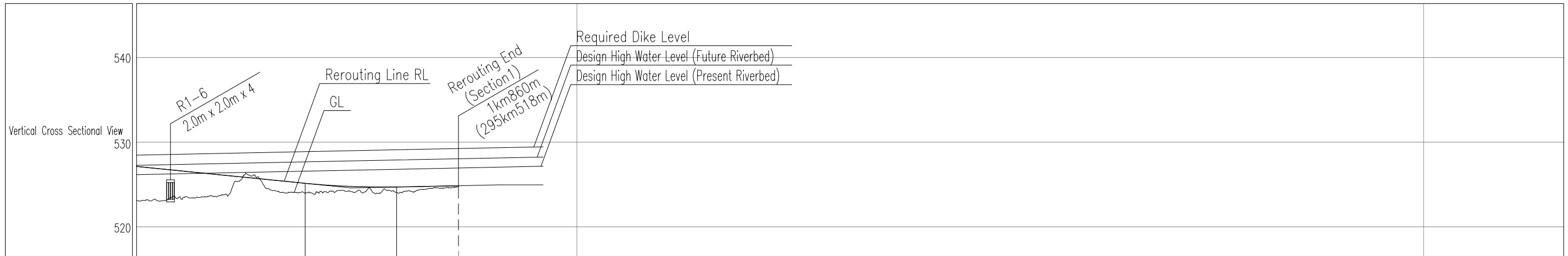
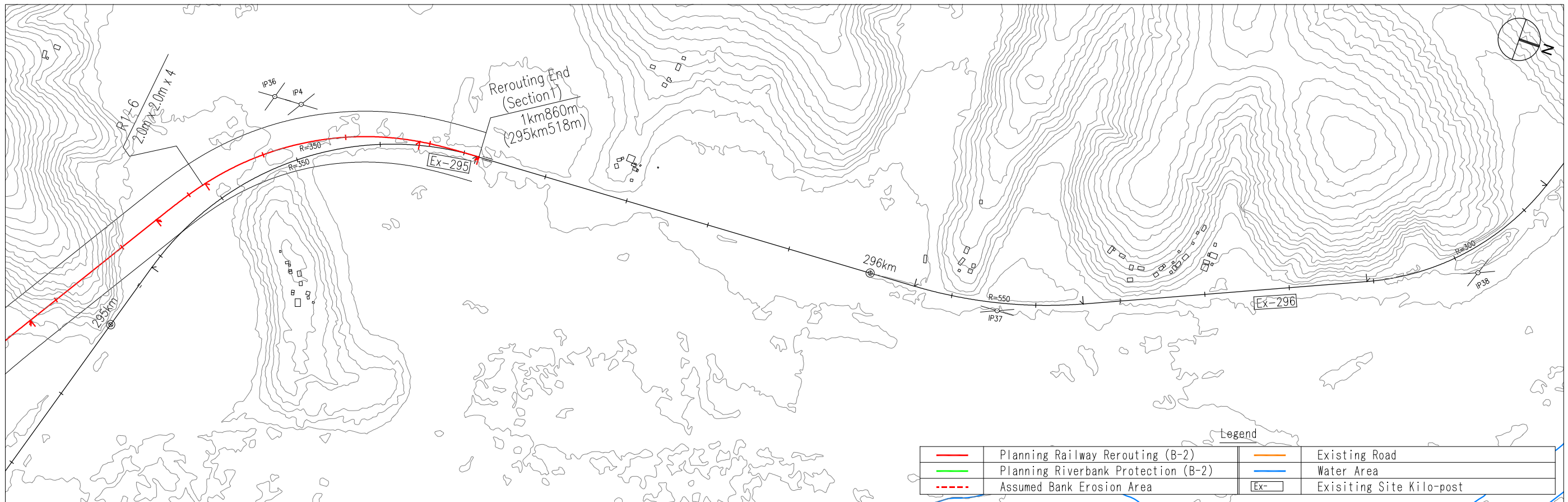


Rerouting Line Curvature (Vertical)	R=12000m VCL=108m															R=12000m VCL=84m					R=6000m VCL=72m																																																																																																																																					
Rerouting Line Grade	Level															9% 830m					2% 159m					-10% 417m																																																																																																																																
Rerouting Line RL	520.85	520.981	520.80	520.981	520.76	520.981	520.62	520.981	520.62	520.981	519.86	520.981	518.84	520.981	520.07	520.981	520.04	520.981	519.65	520.981	519.60	520.981	519.89	520.981	520.56	520.983	520.60	521.011	521.19	521.073	521.80	521.168	523.69	521.296	522.22	521.458	520.79	521.638	520.19	521.818	520.71	521.998	521.31	522.178	521.65	522.358	522.65	522.538	522.48	522.718	525.71	522.898	531.20	523.078	532.56	523.258	534.90	523.438	533.90	523.618	529.80	523.798	523.50	523.978	521.29	524.158	522.00	524.338	521.89	524.518	522.78	524.698	522.90	524.878	522.24	525.058	521.75	525.238	522.03	525.418	522.08	525.598	522.76	525.778	522.46	525.958	522.07	526.138	522.65	526.318	522.30	526.498	522.17	526.678	522.06	526.858	522.50	527.038	522.34	527.218	522.22	527.398	522.56	527.578	522.58	527.938	522.89	528.117	522.74	528.272	523.44	528.394	523.71	528.482	523.92	528.537	524.24	528.577	524.11	528.617	525.51	528.657	529.60	528.697	531.06	528.704	537.15	528.644	538.15	528.517	537.15	528.329	530.09	528.129	524.60	527.929	522.81	527.729	522.82	527.529	523.39	527.329	523.11	527.129	523.24	526.929	523.44	526.729	523.54	526.529	523.54	526.329	523.74	526.129
Ground Level	520.85	520.981	520.80	520.981	520.76	520.981	520.62	520.981	520.62	520.981	519.86	520.981	518.84	520.981	520.07	520.981	520.04	520.981	519.65	520.981	519.60	520.981	519.89	520.981	520.56	520.983	520.60	521.011	521.19	521.073	521.80	521.168	523.69	521.296	522.22	521.458	520.79	521.638	520.19	521.818	520.71	521.998	521.31	522.178	521.65	522.358	522.65	522.538	522.48	522.718	525.71	522.898	531.20	523.078	532.56	523.258	534.90	523.438	533.90	523.618	529.80	523.798	523.50	523.978	521.29	524.158	522.00	524.338	521.89	524.518	522.78	524.698	522.90	524.878	522.24	525.058	521.75	525.238	522.03	525.418	522.08	525.598	522.76	525.778	522.46	525.958	522.07	526.138	522.65	526.318	522.30	526.498	522.17	526.678	522.06	526.858	522.50	527.038	522.34	527.218	522.22	527.398	522.56	527.578	522.58	527.938	522.89	528.117	522.74	528.272	523.44	528.394	523.71	528.482	523.92	528.537	524.24	528.577	524.11	528.617	525.51	528.657	529.60	528.697	531.06	528.704	537.15	528.644	538.15	528.517	537.15	528.329	530.09	528.129	524.60	527.929	522.81	527.729	522.82	527.529	523.39	527.329	523.11	527.129	523.24	526.929	523.44	526.729	523.54	526.529	523.54	526.329	523.74	526.129
Rerouting Line Curvature (Horizontal)	IP1 R=400m															R=400m															IP2															R=800m															IP3																																																																																													
Kilometrage (Re-Setting)	0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15																																																																																																																																																									

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 	
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Railway Rerouting Plan Section 1 (2/2)

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

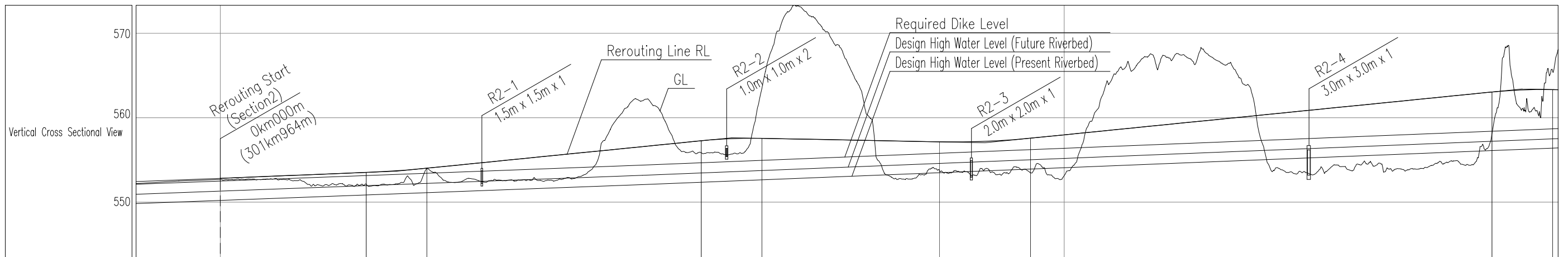
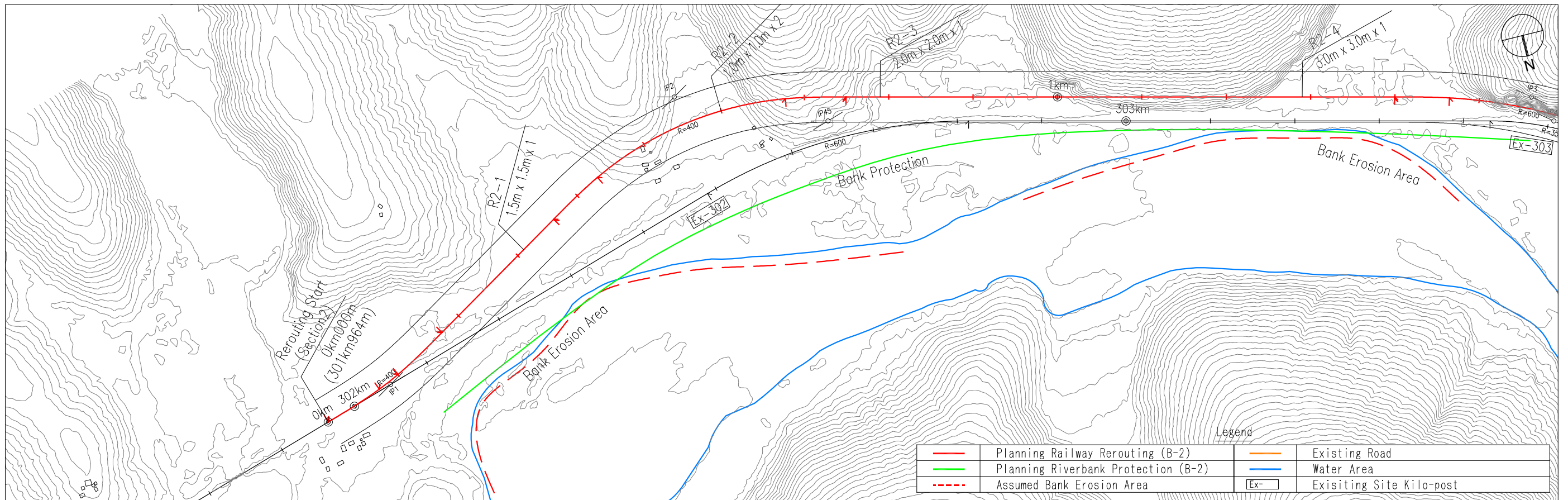


Rerouting Line Curvature (Vertical)	R=9000m VCL=108m	
Rerouting Line Grade	-10% 417m	2% 524.599 1km733m
Rerouting Line RL	526.929	524.853
Ground Level	523.24	524.72
Rerouting Line Curvature (Horizontal)	R=350m IP4	
Kilometrage (Re-Setting)	5 6 7 8 9 2 1 2 3 4 5 6 7 8 9 3 1	

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
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Railway Rerouting Plan Section 2 (1/4)

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



Rerouting Line Curvature (Vertical)	R=12000m VCL=72m		R=6000m VCL=72m		R=9000m VCL=108m		R=6000m VCL=36m	
Rerouting Line Grade	4%		10% 397m		-2% 300m		10% 637m	
Rerouting Line RL	552.71	552.830	552.73	552.910	552.74	552.990	552.78	553.070
Ground Level	552.66	553.150	551.94	553.310	552.15	553.390	551.95	553.470
Rerouting Line Curvature (Horizontal)	IP1 R=400m		R=400m IP2				R=600m IP3	
Kilometrage (Re-Setting)	0	1	2	3	4	5	6	7
	8	9	1	2	3	4	5	6
	7	6	5	4	3	2	1	0

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

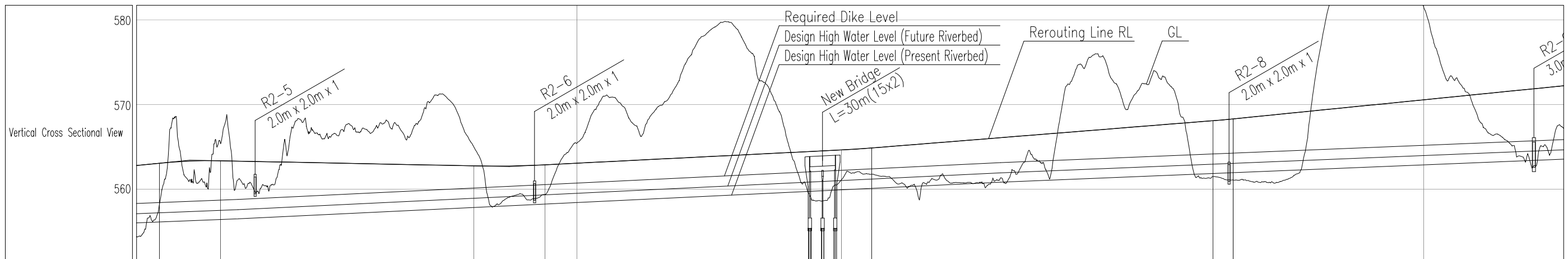
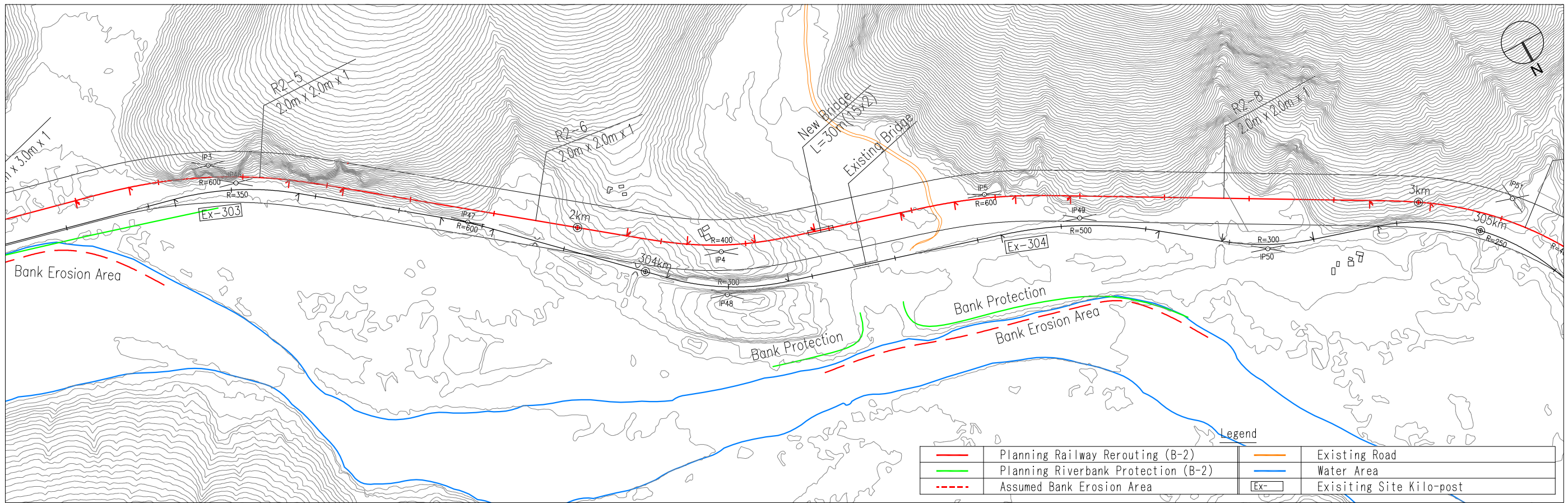
SHEET CONTENTS:

DWG NUM

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Railway Rerouting Plan Section 2 (2/4)

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



Rerouting Line Curvature (Vertical)	R=6000m VCL=36m	R=12000m VCL=84m	R=12000m VCL=36m	R=12000m VCL=24m
Rerouting Line Grade	563,406 1km543m	-2% 377m	562,652 1km920m	5% 410m
Rerouting Line RL	566,281 562,976	567,151 563,162	561,200 563,342	565,600 563,332
Ground Level	561,091 563,292	559,631 563,252	560,521 563,172	567,841 563,132
Rerouting Line Curvature (Horizontal)	R=600m IP3	R=400m IP4	R=600m IP5	R=400m IP6
Kilometrage (Re-Setting)	5 6 7 8 9 2 1 2 3 4 5 6 7 8 9 3 1 2			

GOVERNMENT AGENCIES:



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

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