

LEGEND

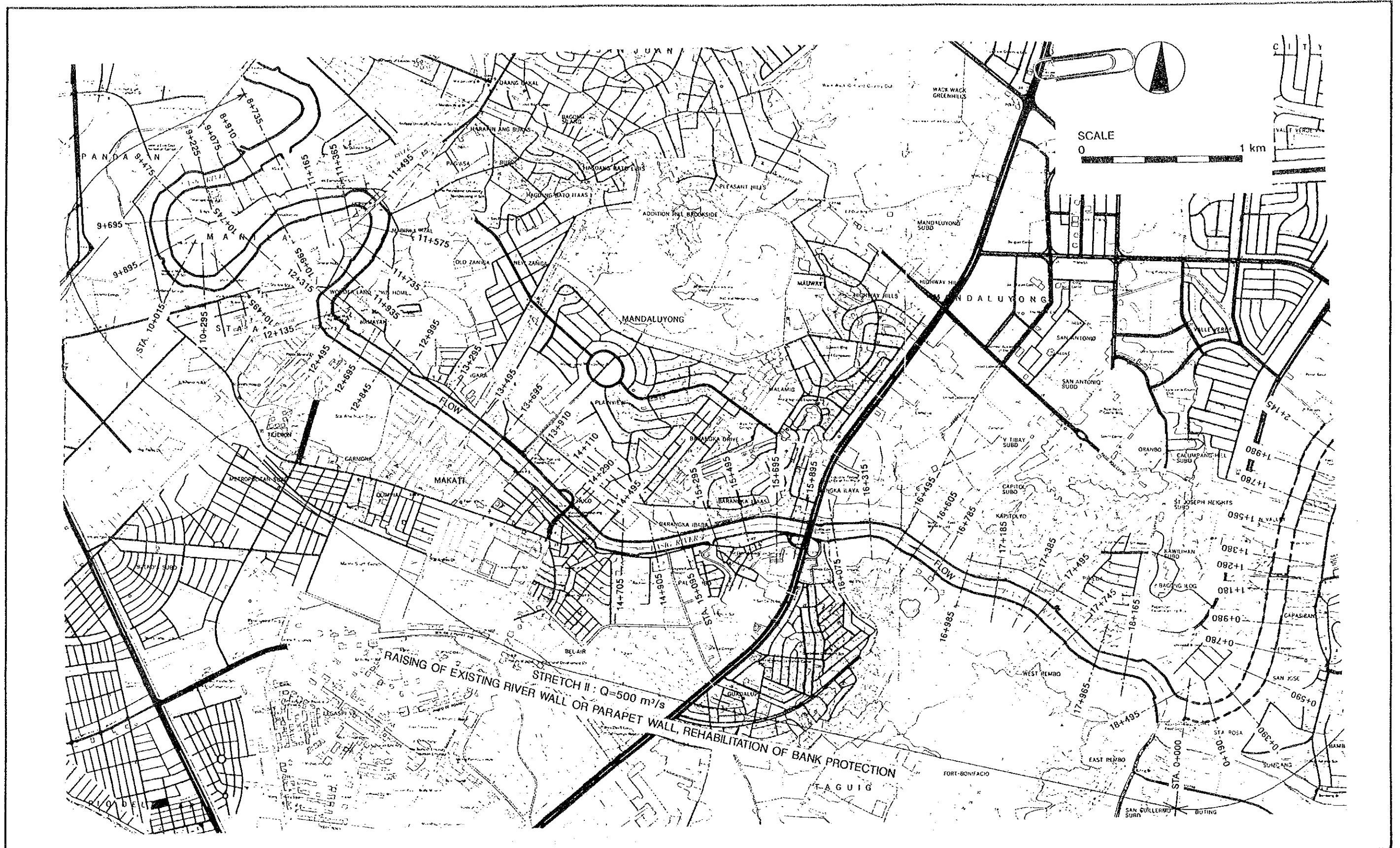
TTTTT
UUUUU : DREDGING

———— : RAISING OF RIVER WALL OR PARAPET WALL
AND REHABILITATION OF BANK PROTECTION

- - - - : PRINCIPALLY NO IMPROVEMENT, RIVER WALL
OR PARAPET WALL FOR LOW ELEVATION ONLY

THE STUDY ON FLOOD CONTROL AND DRAINAGE PROJECT
IN METRO MANILA, PHILIPPINES
JAPAN INTERNATIONAL COOPERATION AGENCY

図 7. 4 - 6 (1/3) 改修計画の線形



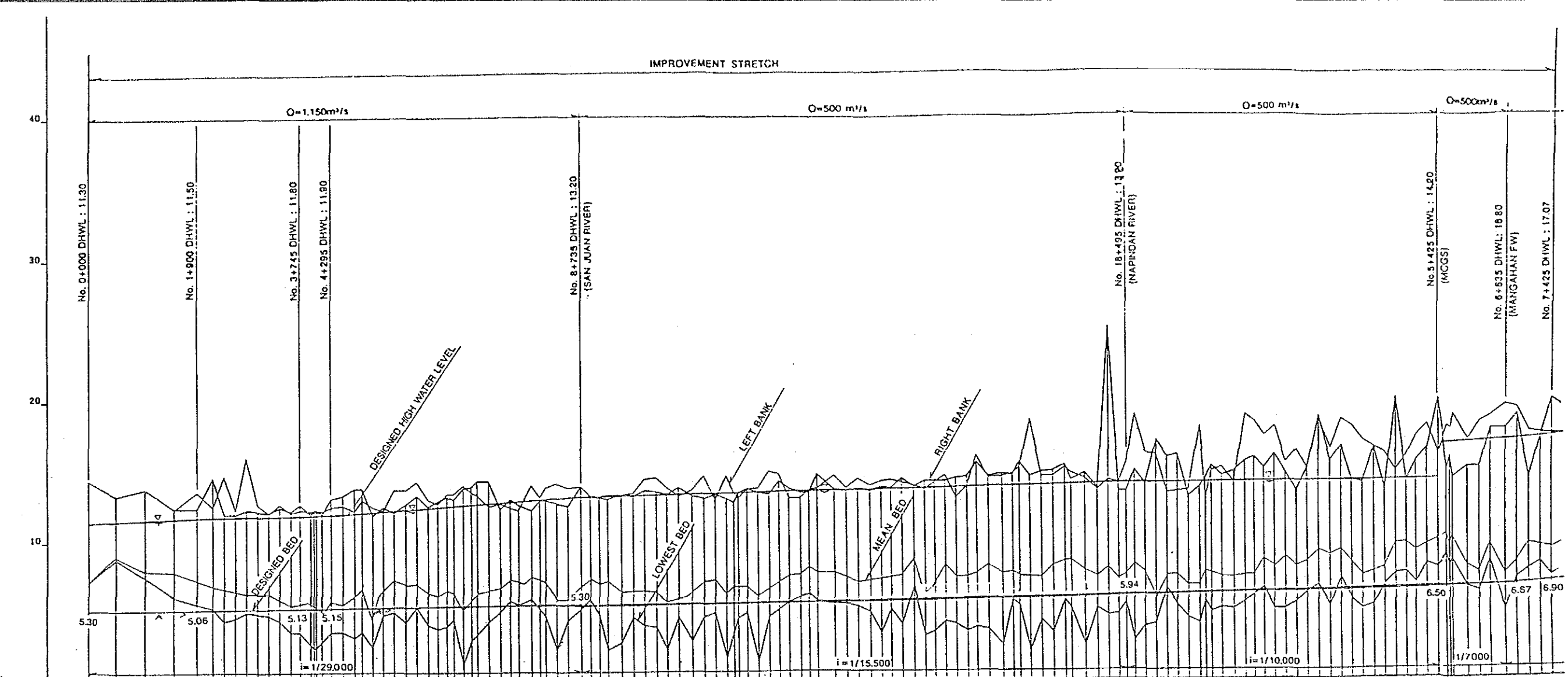
THE STUDY ON FLOOD CONTROL AND DRAINAGE PROJECT
 IN METRO MANILA, PHILIPPINES
 JAPAN INTERNATIONAL COOPERATION AGENCY

図 7. 4 - 6 (2/3) 改修計画の線形



THE STUDY ON FLOOD CONTROL AND DRAINAGE PROJECT
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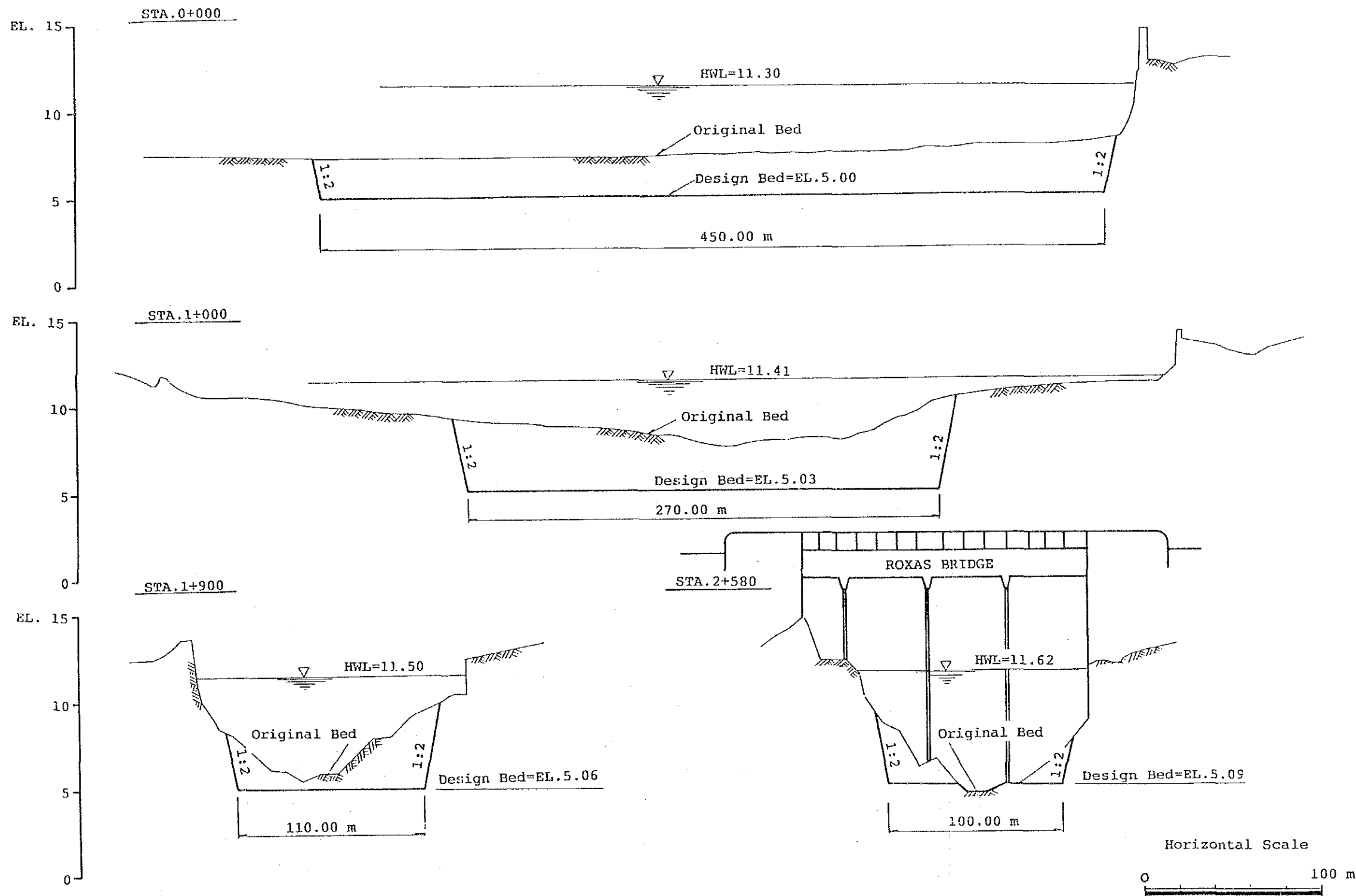
図7. 4-6(3/3) 改修計画の線形



STATION NUMBER	UNIT DISTANCE (m)	ACCUMULATIVE DISTANCE (m)	PRESENT ELEVATION (m)	LEFT BANK	RIGHT BANK
0+000	0.0	0.0	7.20	14.40	14.40
0+500	500.0	500.0	8.10	15.30	15.30
1+000	1000.0	1000.0	9.50	16.00	16.00
1+500	1500.0	1500.0	10.05	16.65	16.65
1+900	1900.0	1900.0	10.80	17.40	17.40
2+180	2180.0	2180.0	11.80	18.40	18.40
2+300	2300.0	2300.0	12.00	18.60	18.60
2+480	2480.0	2480.0	12.00	18.60	18.60
2+780	2780.0	2780.0	12.00	18.60	18.60
2+800	2800.0	2800.0	12.00	18.60	18.60
2+810	2810.0	2810.0	12.00	18.60	18.60
2+820	2820.0	2820.0	12.00	18.60	18.60
2+830	2830.0	2830.0	12.00	18.60	18.60
2+840	2840.0	2840.0	12.00	18.60	18.60
2+850	2850.0	2850.0	12.00	18.60	18.60
2+860	2860.0	2860.0	12.00	18.60	18.60
2+870	2870.0	2870.0	12.00	18.60	18.60
2+880	2880.0	2880.0	12.00	18.60	18.60
2+890	2890.0	2890.0	12.00	18.60	18.60
2+900	2900.0	2900.0	12.00	18.60	18.60
2+910	2910.0	2910.0	12.00	18.60	18.60
2+920	2920.0	2920.0	12.00	18.60	18.60
2+930	2930.0	2930.0	12.00	18.60	18.60
2+940	2940.0	2940.0	12.00	18.60	18.60
2+950	2950.0	2950.0	12.00	18.60	18.60
2+960	2960.0	2960.0	12.00	18.60	18.60
2+970	2970.0	2970.0	12.00	18.60	18.60
2+980	2980.0	2980.0	12.00	18.60	18.60
2+990	2990.0	2990.0	12.00	18.60	18.60
3+000	3000.0	3000.0	12.00	18.60	18.60
3+010	3010.0	3010.0	12.00	18.60	18.60
3+020	3020.0	3020.0	12.00	18.60	18.60
3+030	3030.0	3030.0	12.00	18.60	18.60
3+040	3040.0	3040.0	12.00	18.60	18.60
3+050	3050.0	3050.0	12.00	18.60	18.60
3+060	3060.0	3060.0	12.00	18.60	18.60
3+070	3070.0	3070.0	12.00	18.60	18.60
3+080	3080.0	3080.0	12.00	18.60	18.60
3+090	3090.0	3090.0	12.00	18.60	18.60
3+100	3100.0	3100.0	12.00	18.60	18.60
3+110	3110.0	3110.0	12.00	18.60	18.60
3+120	3120.0	3120.0	12.00	18.60	18.60
3+130	3130.0	3130.0	12.00	18.60	18.60
3+140	3140.0	3140.0	12.00	18.60	18.60
3+150	3150.0	3150.0	12.00	18.60	18.60
3+160	3160.0	3160.0	12.00	18.60	18.60
3+170	3170.0	3170.0	12.00	18.60	18.60
3+180	3180.0	3180.0	12.00	18.60	18.60
3+190	3190.0	3190.0	12.00	18.60	18.60
3+200	3200.0	3200.0	12.00	18.60	18.60
3+210	3210.0	3210.0	12.00	18.60	18.60
3+220	3220.0	3220.0	12.00	18.60	18.60
3+230	3230.0	3230.0	12.00	18.60	18.60
3+240	3240.0	3240.0	12.00	18.60	18.60
3+250	3250.0	3250.0	12.00	18.60	18.60
3+260	3260.0	3260.0	12.00	18.60	18.60
3+270	3270.0	3270.0	12.00	18.60	18.60
3+280	3280.0	3280.0	12.00	18.60	18.60
3+290	3290.0	3290.0	12.00	18.60	18.60
3+300	3300.0	3300.0	12.00	18.60	18.60
3+310	3310.0	3310.0	12.00	18.60	18.60
3+320	3320.0	3320.0	12.00	18.60	18.60
3+330	3330.0	3330.0	12.00	18.60	18.60
3+340	3340.0	3340.0	12.00	18.60	18.60
3+350	3350.0	3350.0	12.00	18.60	18.60
3+360	3360.0	3360.0	12.00	18.60	18.60
3+370	3370.0	3370.0	12.00	18.60	18.60
3+380	3380.0	3380.0	12.00	18.60	18.60
3+390	3390.0	3390.0	12.00	18.60	18.60
3+400	3400.0	3400.0	12.00	18.60	18.60
3+410	3410.0	3410.0	12.00	18.60	18.60
3+420	3420.0	3420.0	12.00	18.60	18.60
3+430	3430.0	3430.0	12.00	18.60	18.60
3+440	3440.0	3440.0	12.00	18.60	18.60
3+450	3450.0	3450.0	12.00	18.60	18.60
3+460	3460.0	3460.0	12.00	18.60	18.60
3+470	3470.0	3470.0	12.00	18.60	18.60
3+480	3480.0	3480.0	12.00	18.60	18.60
3+490	3490.0	3490.0	12.00	18.60	18.60
3+500	3500.0	3500.0	12.00	18.60	18.60
3+510	3510.0	3510.0	12.00	18.60	18.60
3+520	3520.0	3520.0	12.00	18.60	18.60
3+530	3530.0	3530.0	12.00	18.60	18.60
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3+560	3560.0	3560.0	12.00	18.60	18.60
3+570	3570.0	3570.0	12.00	18.60	18.60
3+580	3580.0	3580.0	12.00	18.60	18.60
3+590	3590.0	3590.0	12.00	18.60	18.60
3+600	3600.0	3600.0	12.00	18.60	18.60
3+610	3610.0	3610.0	12.00	18.60	18.60
3+620	3620.0	3620.0	12.00	18.60	18.60
3+630	3630.0	3630.0	12.00	18.60	18.60
3+640	3640.0	3640.0	12.00	18.60	18.60
3+650	3650.0	3650.0	12.00	18.60	18.60
3+660	3660.0	3660.0	12.00	18.60	18.60
3+670	3670.0	3670.0	12.00	18.60	18.60
3+680	3680.0	3680.0	12.00	18.60	18.60
3+690	3690.0	3690.0	12.00	18.60	18.60
3+700	3700.0	3700.0	12.00	18.60	18.60
3+710	3710.0	3710.0	12.00	18.60	18.60
3+720	3720.0	3720.0	12.00	18.60	18.60
3+730	3730.0	3730.0	12.00	18.60	18.60
3+740	3740.0	3740.0	12.00	18.60	18.60
3+750	3750.0	3750.0	12.00	18.60	18.60
3+760	3760.0	3760.0	12.00	18.60	18.60
3+770	3770.0	3770.0	12.00	18.60	18.60
3+780	3780.0	3780.0	12.00	18.60	18.60
3+790	3790.0	3790.0	12.00	18.60	18.60
3+800	3800.0	3800.0	12.00	18.60	18.60
3+810	3810.0	3810.0	12.00	18.60	18.60
3+820	3820.0	3820.0	12.00	18.60	18.60
3+830	3830.0	3830.0	12.00	18.60	18.60
3+840	3840.0	3840.0	12.00	18.60	18.60
3+850	3850.0	3850.0	12.00	18.60	18.60
3+860	3860.0	3860.0	12.00	18.60	18.60
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3+890	3890.0	3890.0	12.00	18.60	18.60
3+900	3900.0	3900.0	12.00	18.60	18.60
3+910	3910.0	3910.0	12.00	18.60	18.60
3+920	3920.0	3920.0	12.00	18.60	18.60
3+930	3930.0	3930.0	12.00	18.60	18.60
3+940	3940.0	3940.0	12.00	18.60	18.60
3+950	3950.0	3950.0	12.00	18.60	18.60
3+960	3960.0	3960.0	12.00	18.60	18.60
3+970	3970.0	3970.0	12.00	18.60	18.60
3+980	3980.0	3980.0	12.00	18.60	18.60
3+990	3990.0	3990.0	12.00	18.60	18.60
4+000	4000.0	4000.0	12.00	18.60	18.60

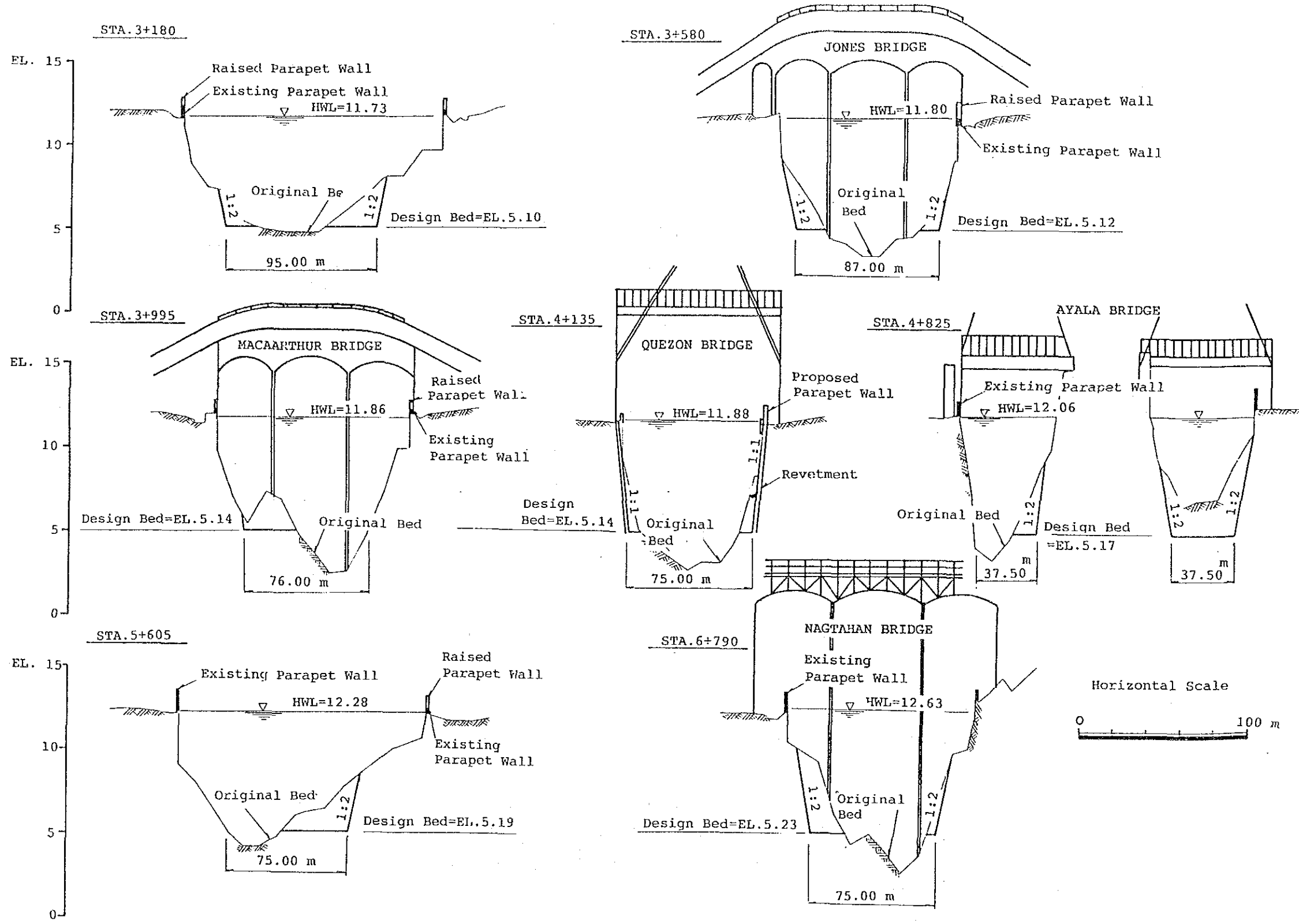
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図 7. 4-7 改修計画の縦断面図



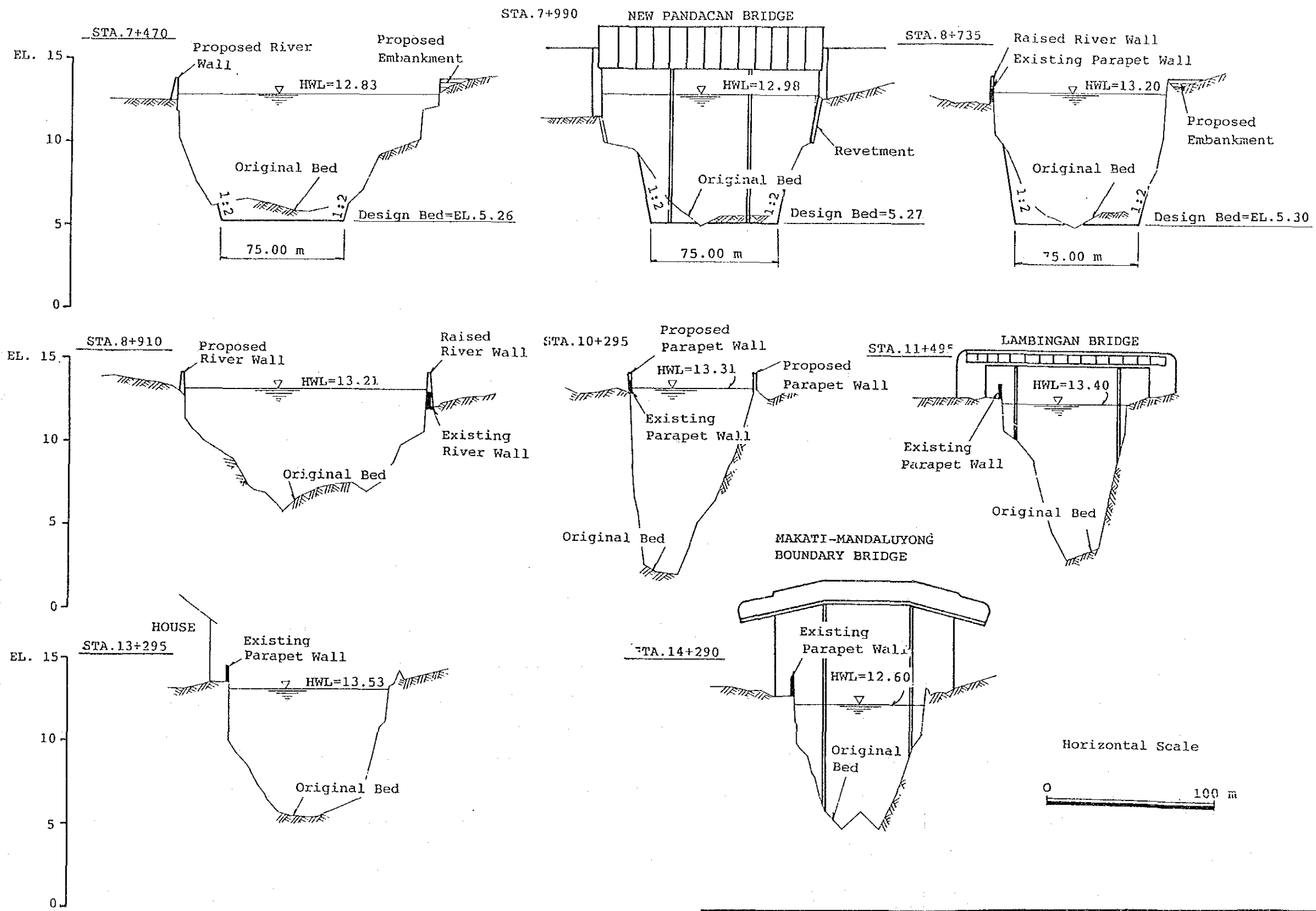
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図 7. 4-8 (1/7) パシグ・マリキナ川の
改修断面



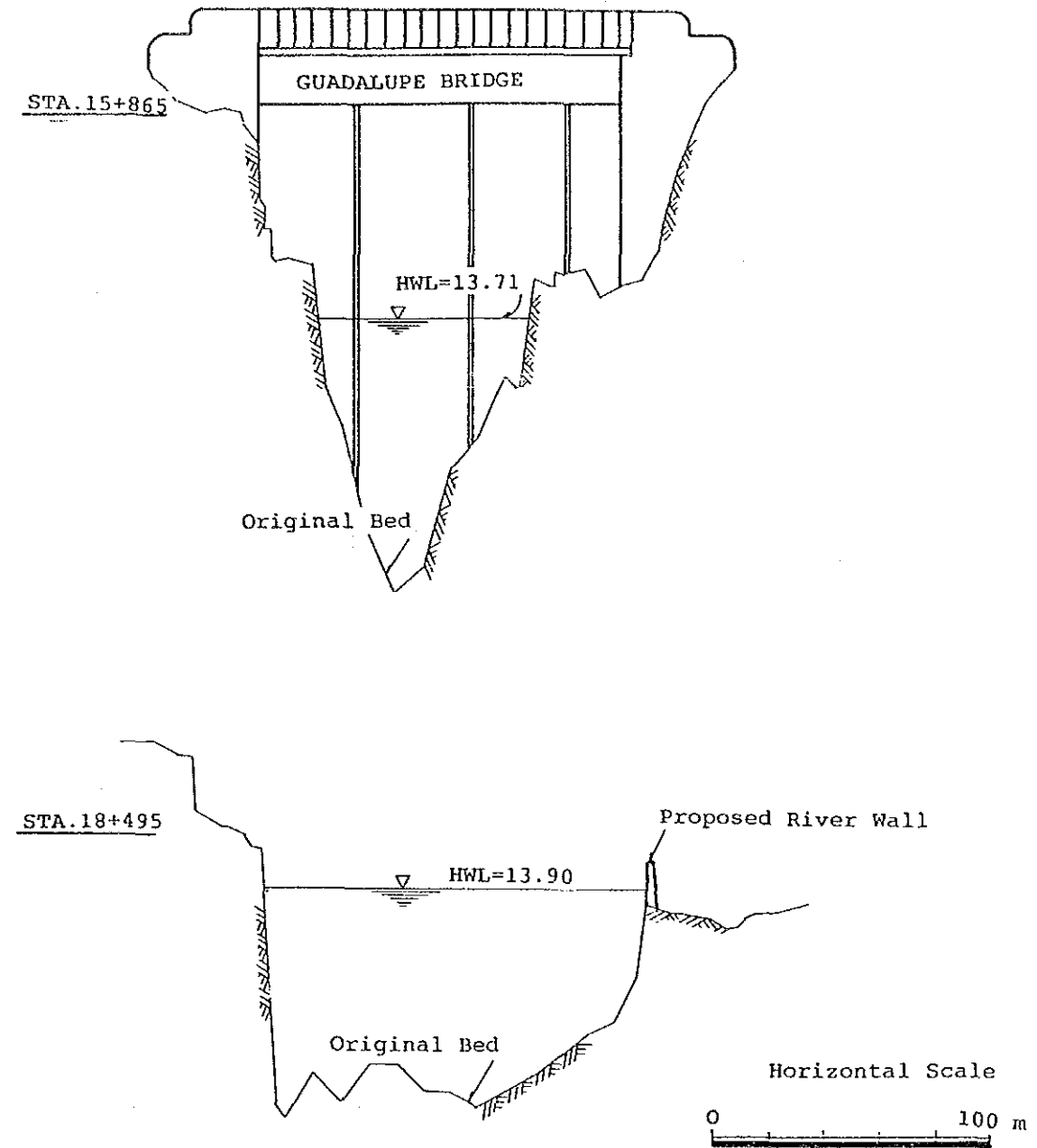
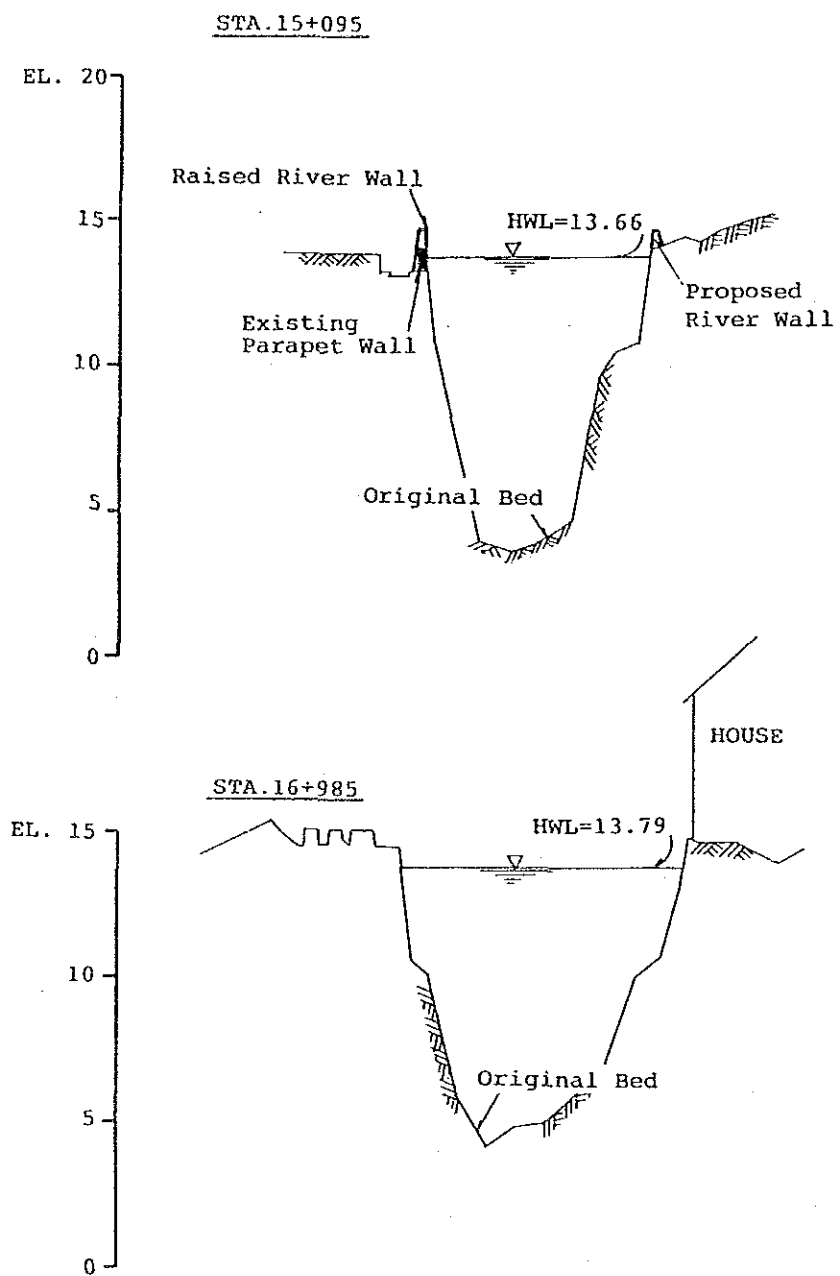
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図 7. 4-8 (2/7) パシグ・マリキナ川の改修断面



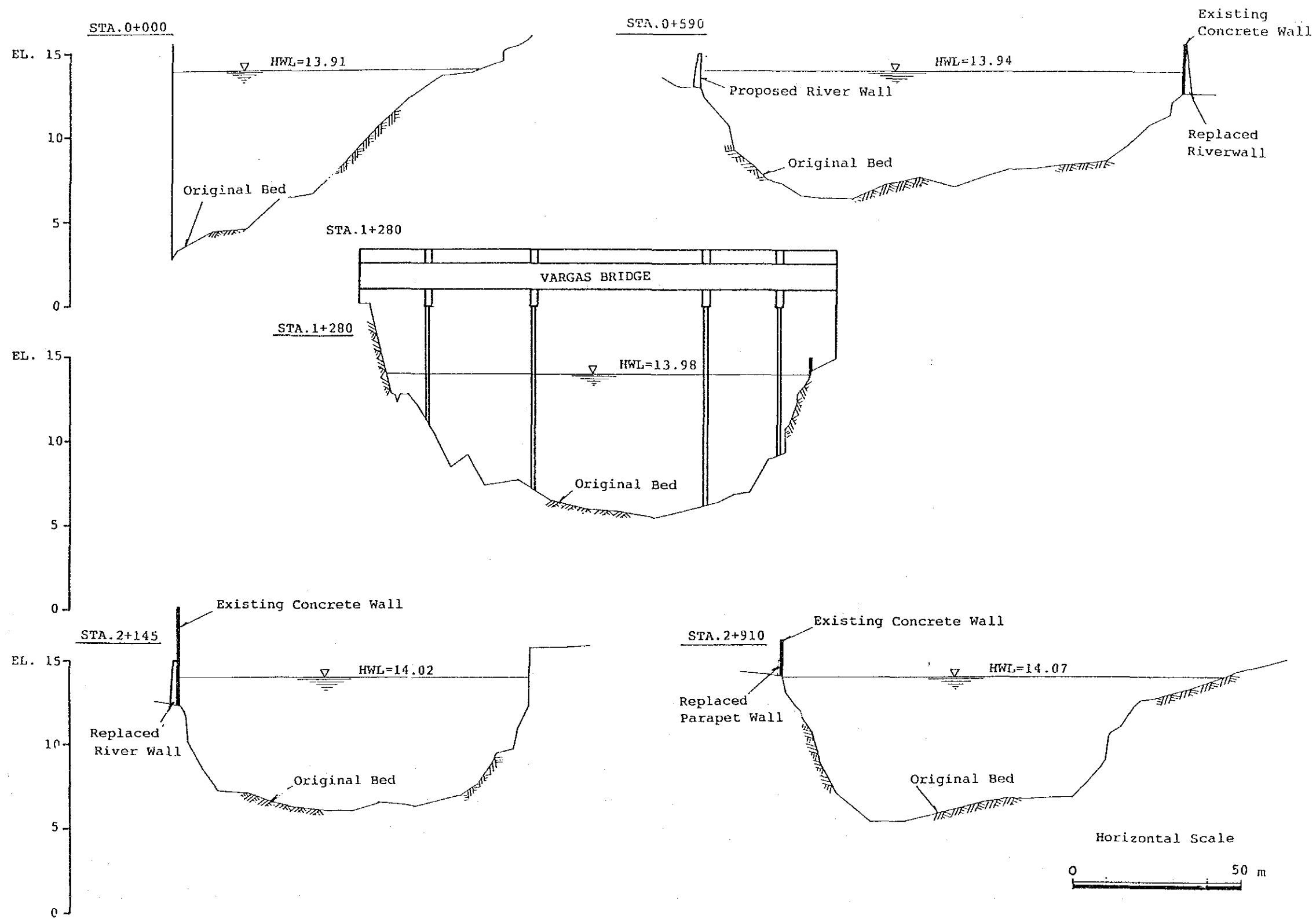
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図 7. 4-8 (3/7) パシグ・マリキナ川の
 改修断面



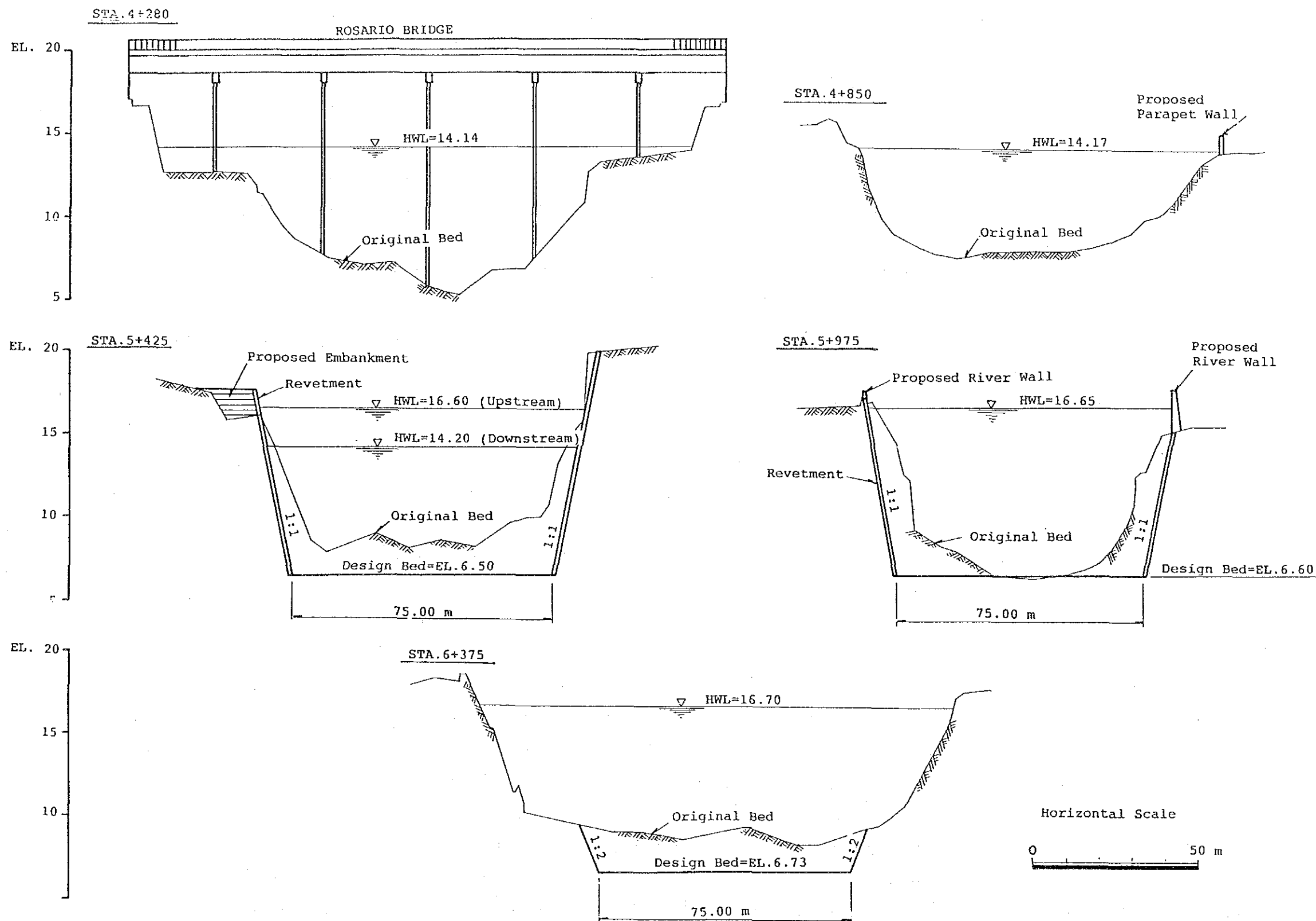
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図 7. 4-8 (4/7) パシグ・マリキナ川の
 改修断面



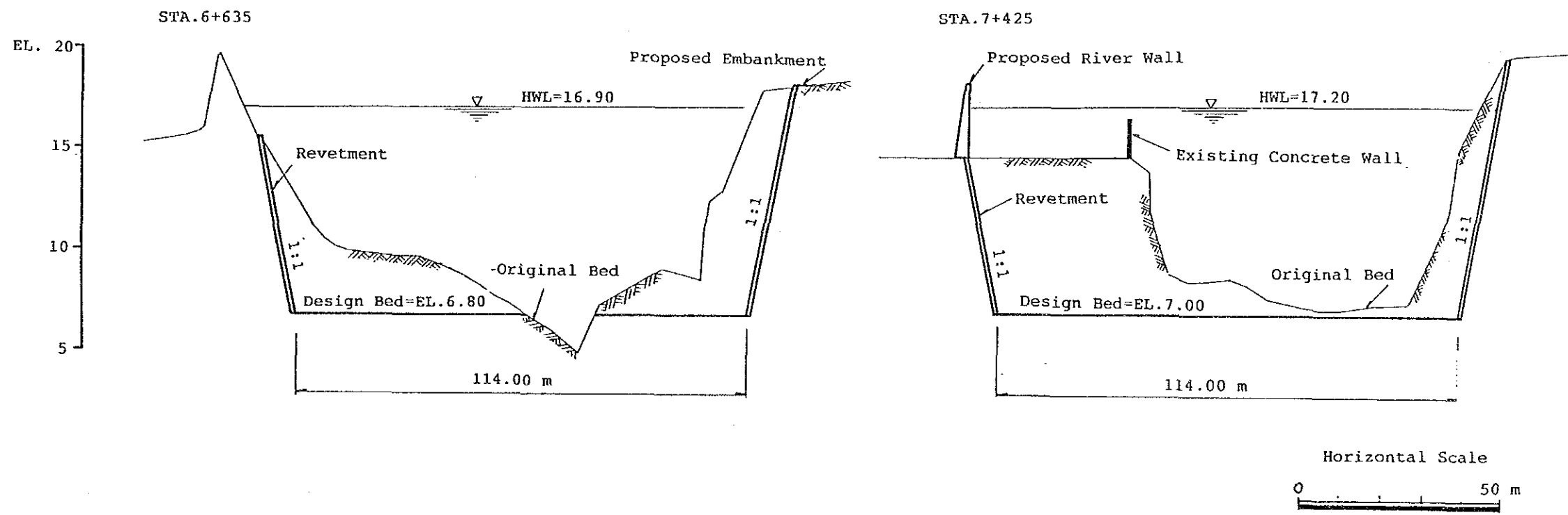
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図7. 4-8 (5/7) パシグ・マリキナ川の改修断面



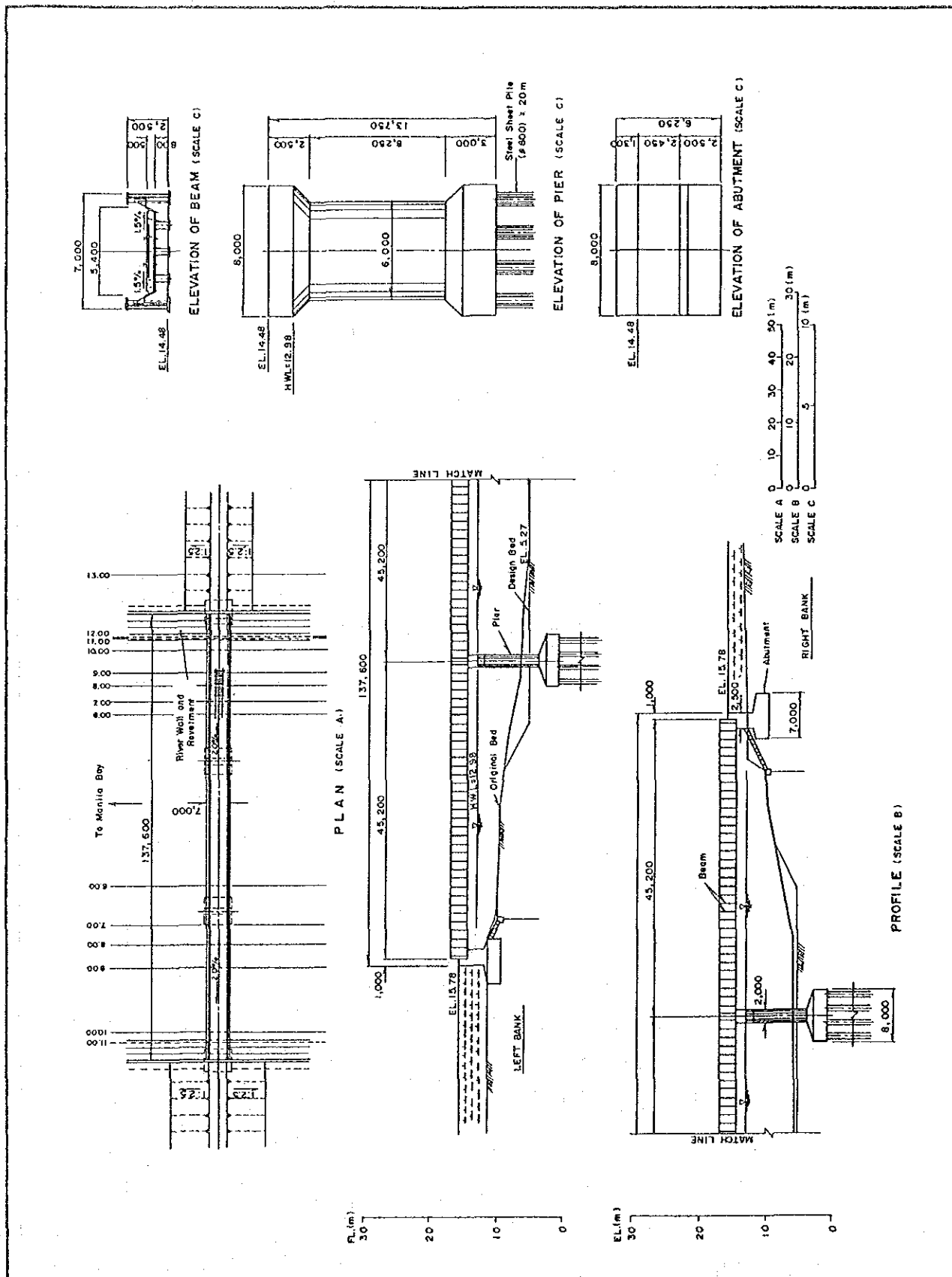
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図 7. 4-8 (6/7) パシグ・マリキナ川の改修断面



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図 7. 4 - 8 (7/7) パシグ・マリキナ川の
改修断面



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図 7. 4-9 パングカン橋の付替一般図

WORK ITEM	QUANTITY	UNIT	Y E A R					
			1991	1992	1993	1994	1995	
1. LOWER MARIKINA RIVER IMPROVEMENT								
PREPARATORY WORKS	1	L/S						
MCGS/MANGAHAN CONFLUENCE	1,210	m						
MANGAHAN CONFLUENCE/STA.7+425	790	m						
2. MARIKINA CONTROL GATE STRUCTURE								
PREPARATORY WORKS	1	L/S						
EARTHWORKS	1	L/S						
CONCRETE WORKS	1	L/S						
GATE	1	L/S						
3. PASIG RIVER IMPROVEMENT								
PREPARATORY WORKS	8,735	m						
RIVERMOUTH/SAN JUAN CONFL	9,760	m						
SN JUAN CONFL/NAPINDAN CONFL	5,580	m						
NAPINDAN CONFL/MCGS								

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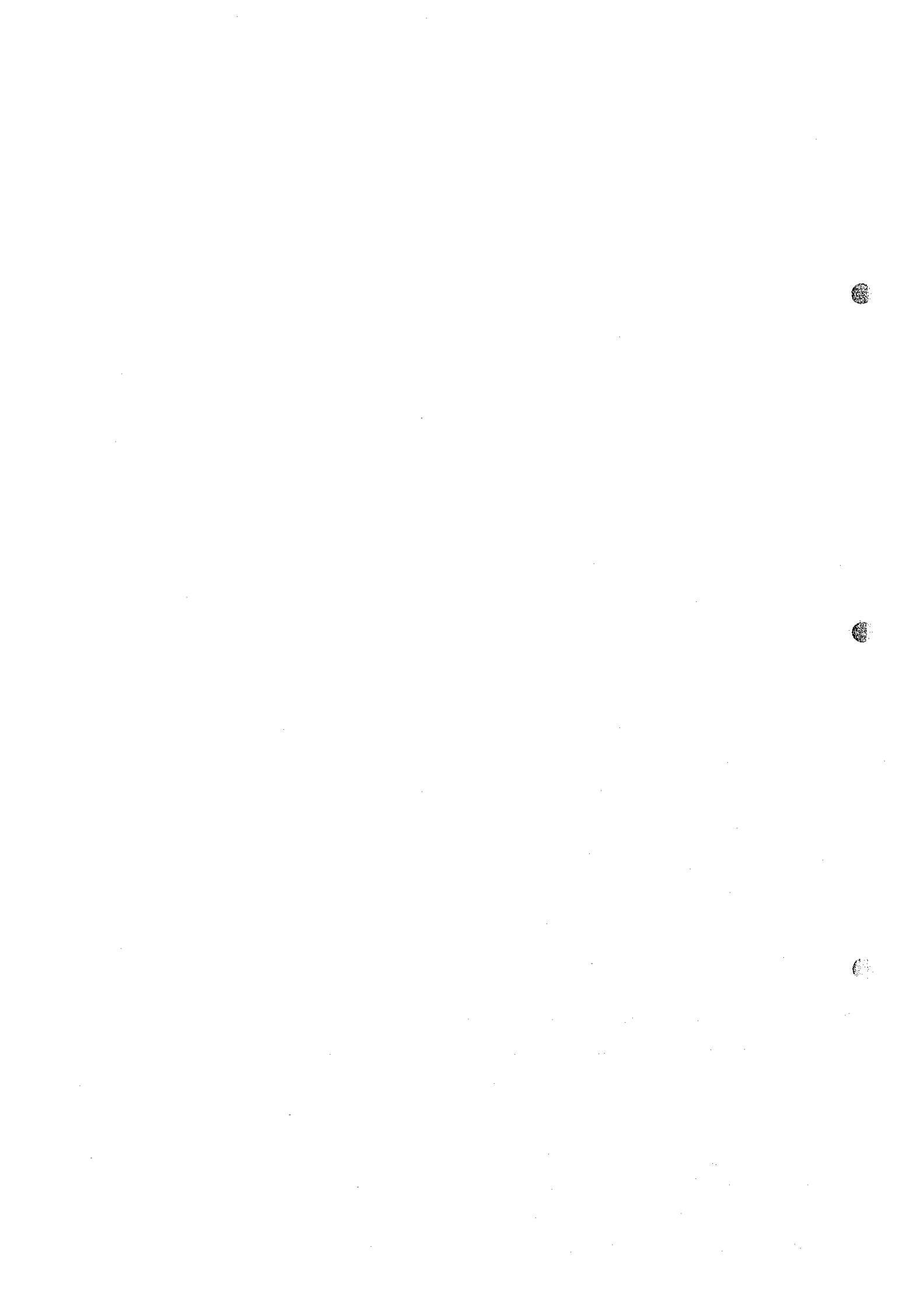
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図 7. 4-10 パシグ・マリキナ川河川改修
プロジェクトの工事工程









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