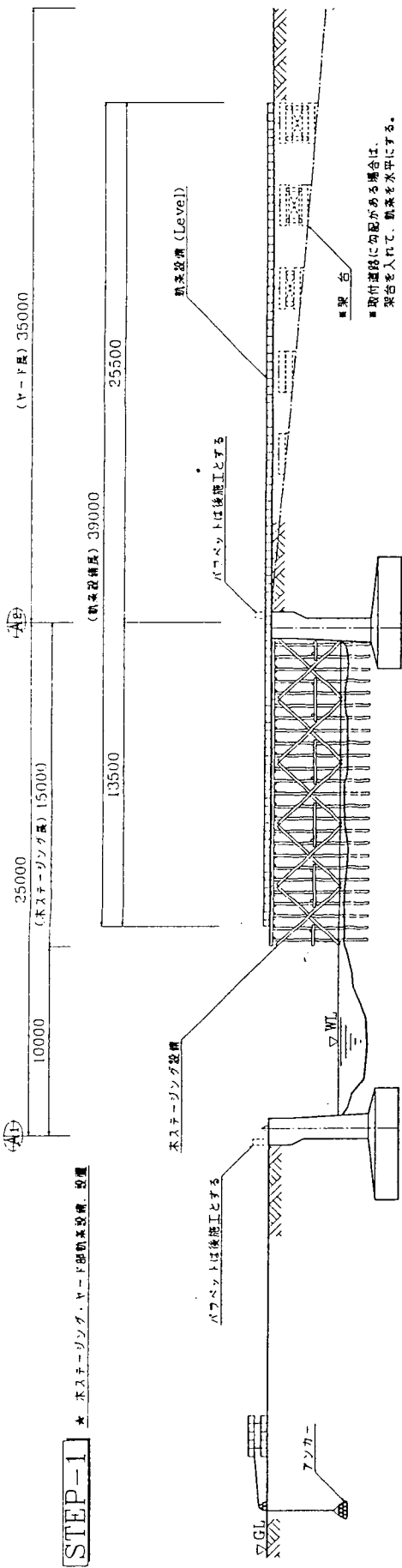
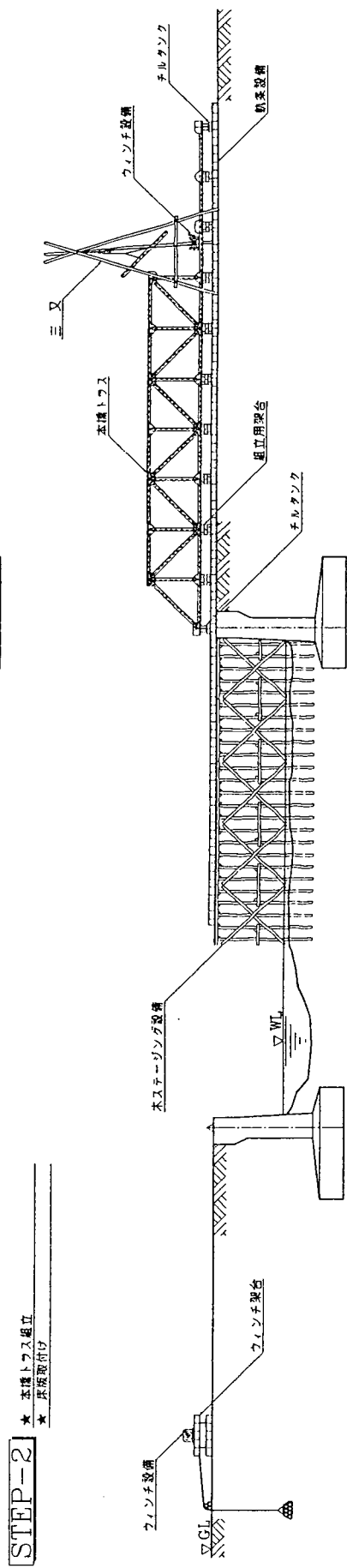


資料 7. 架設工法概念図



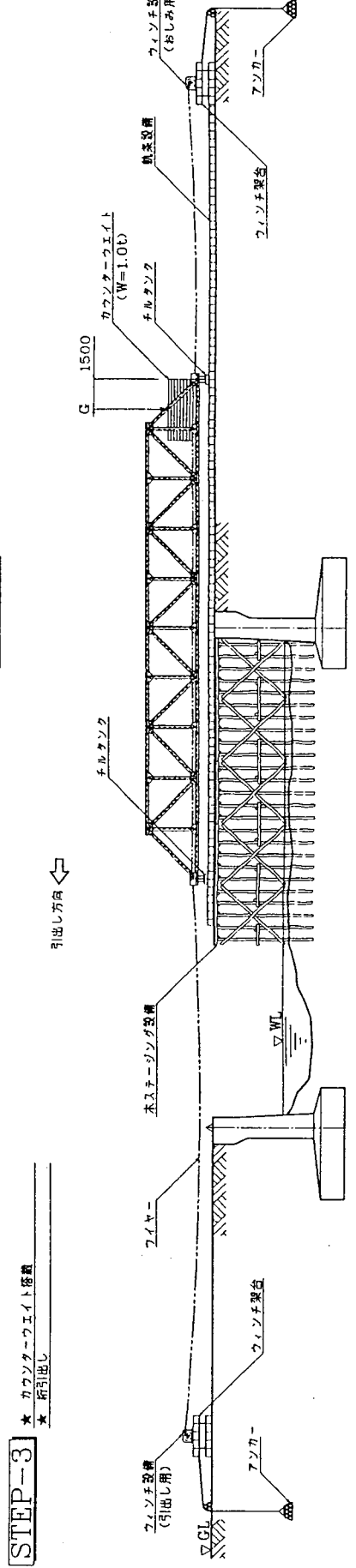
STEP-1

★ ホステージング・ワード軌条設備設置



STEP-2

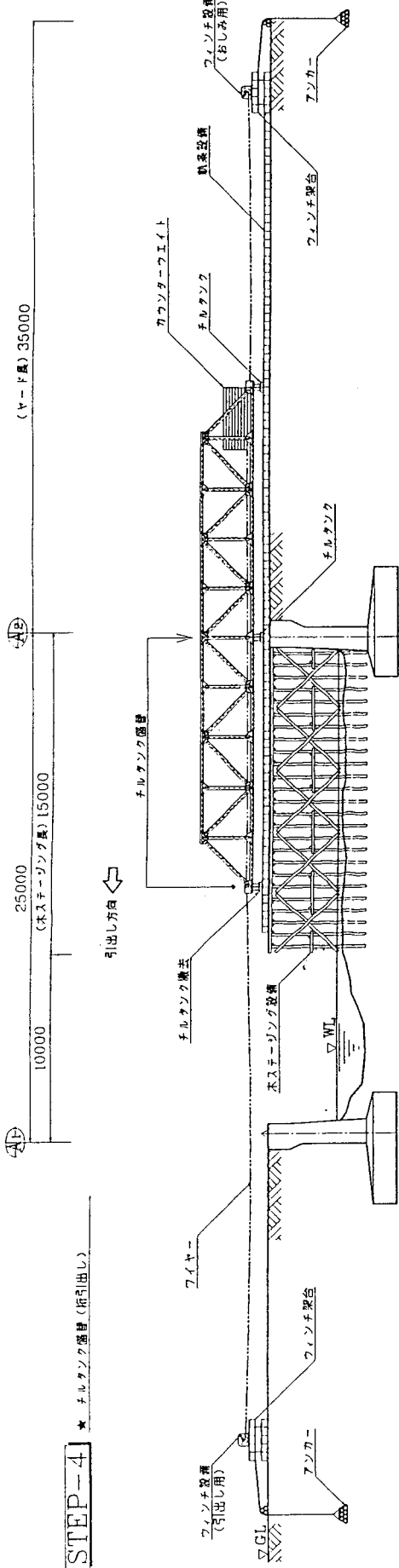
★ 本橋トラス組立
★ 床版張付け



STEP-3

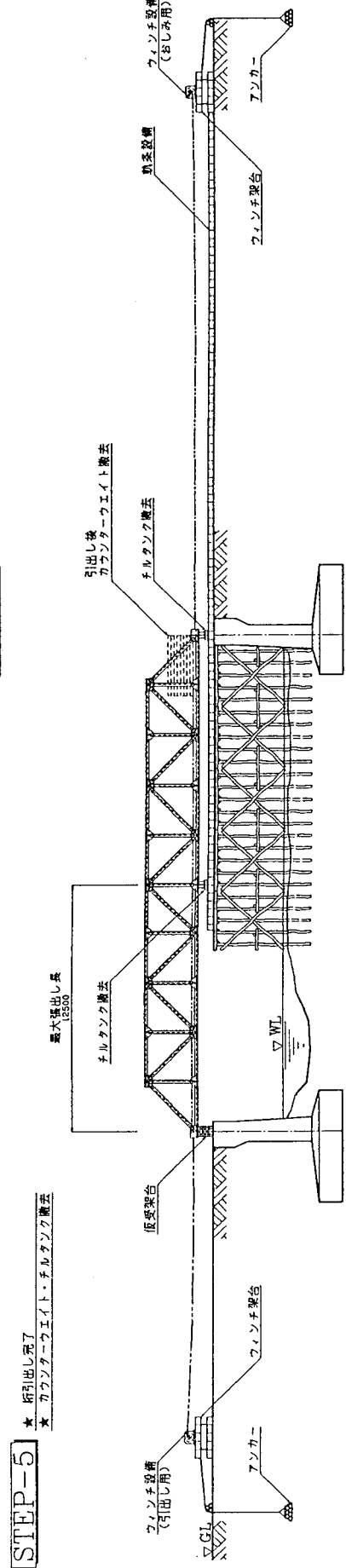
★ カウンスクワイエイト搭載
★ 新引出し

ステージング形式引き出し工法概念図 (1 径間) (1 / 2)



STEP-4

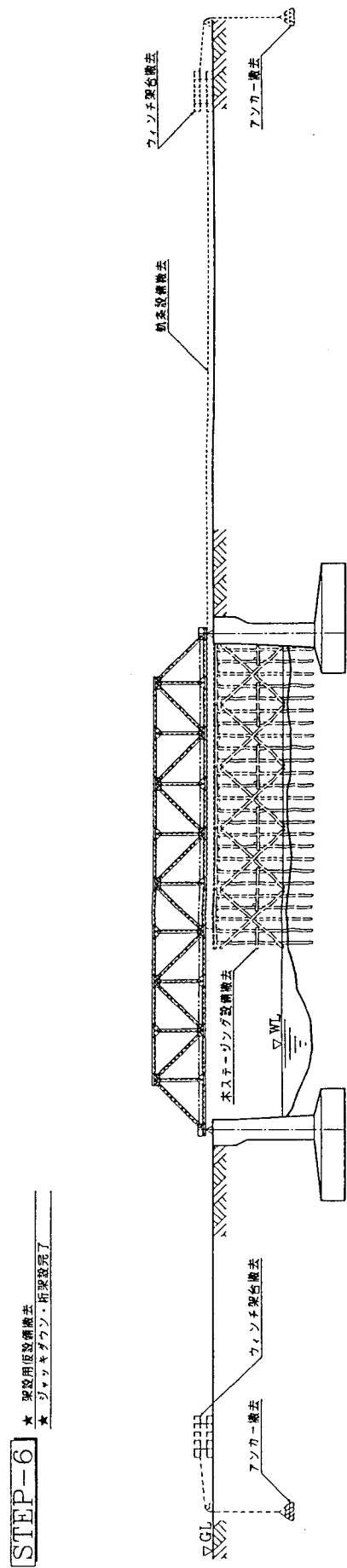
★ チルタンク盛盤 (折出し)



STEP-5

★ 折出し完了

★ カウンターウェイト・チルタンク撤去

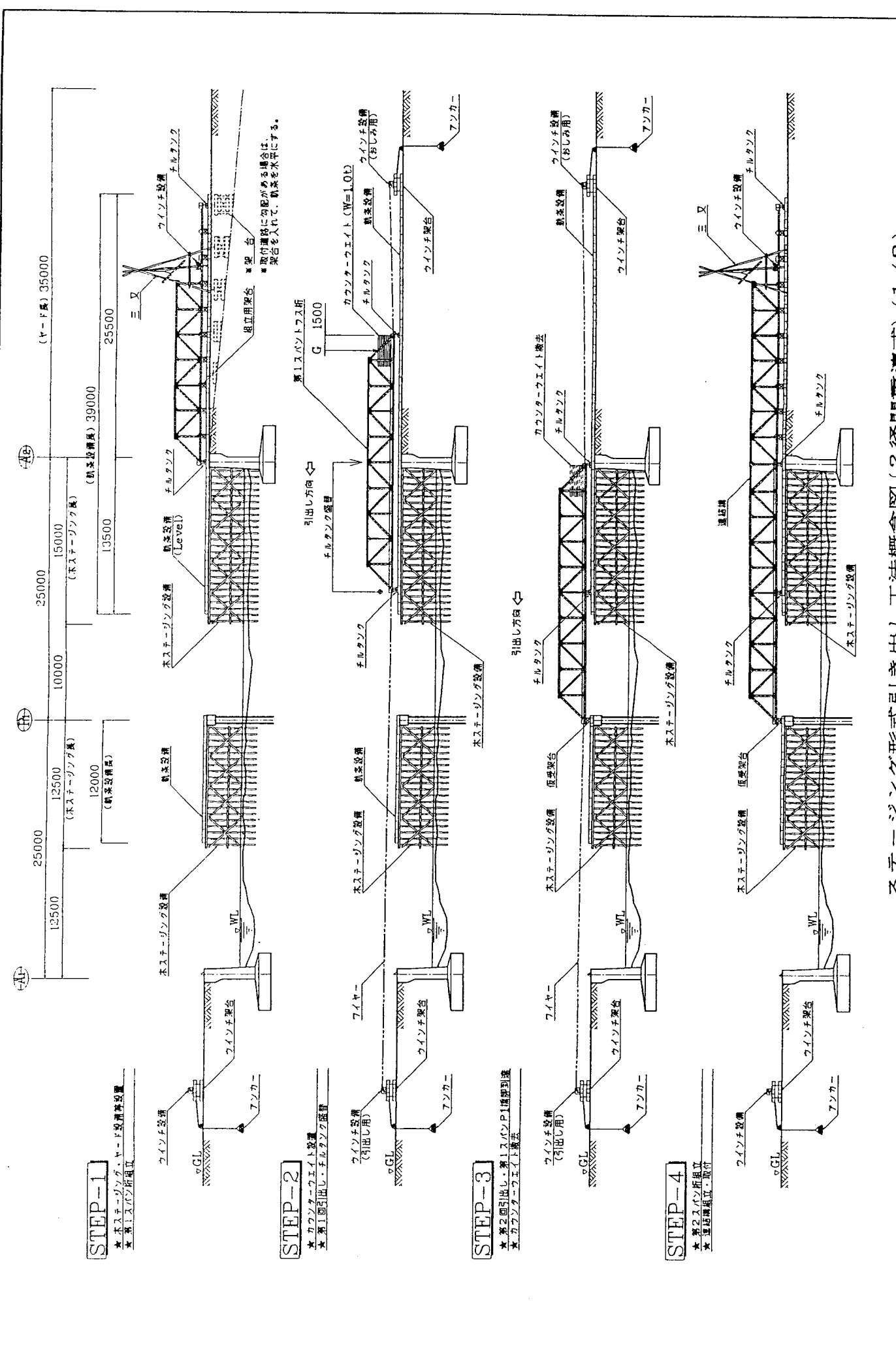


STEP-6

★ 架設用仮設橋撤去

★ ジャッキダウン・折設完了

1 ステージング形式引き出し工法概念図 (1 径間) (2 / 2)



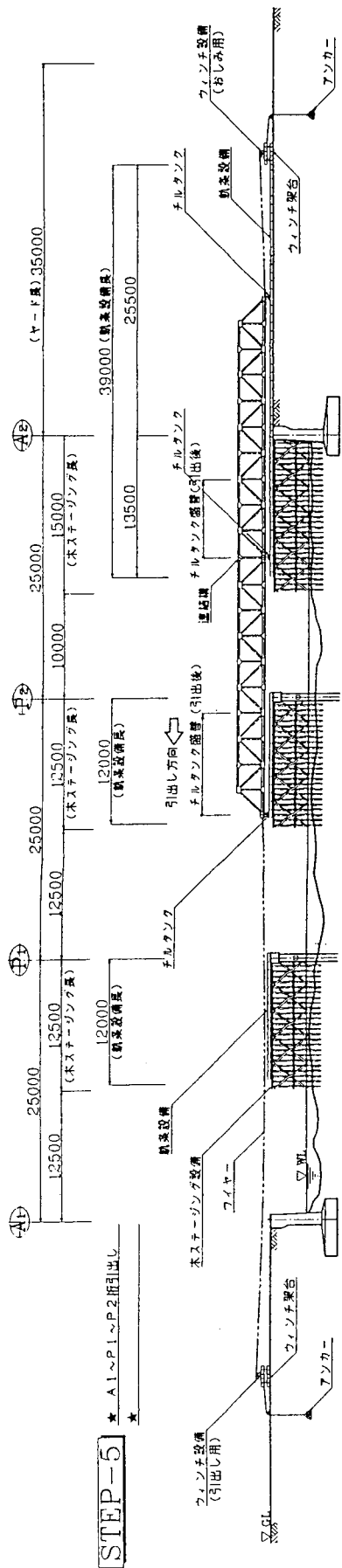
STEP-1
 * 木スチーリング設備設置
 * 第1スパン所組立

STEP-2
 * カウンターウェイト設置
 * 第1回引出し・チルトタンク設置

STEP-3
 * 第2回引出し・第1スパンPII棟脚到達
 * カウンターウェイト撤去

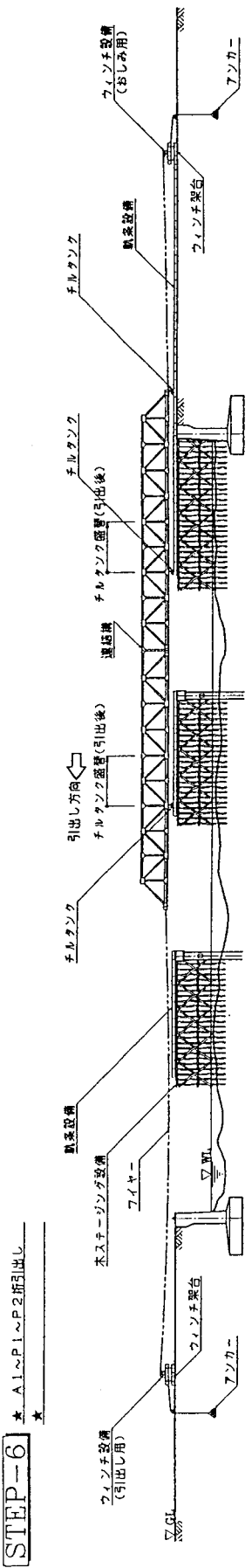
STEP-4
 * 第2スパン所組立
 * 連結桁風圧取付

スチーリング形式引き出し工法概念図(2径間重連式)(1/2)



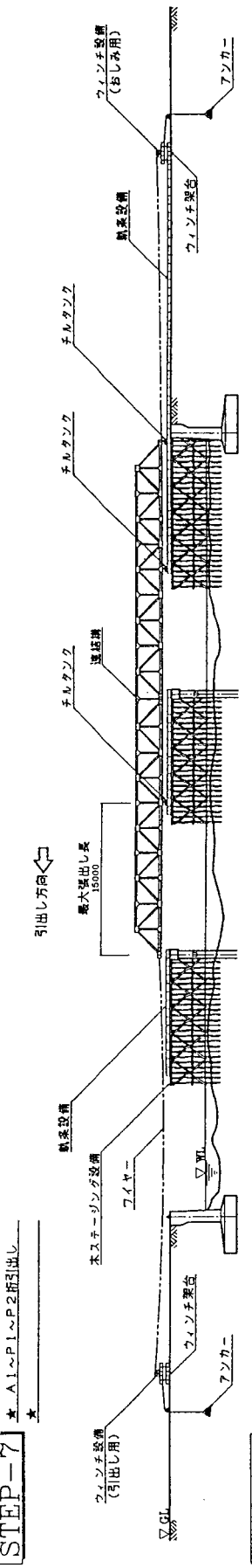
STEP-5

★ A1~P1~P2折引出し



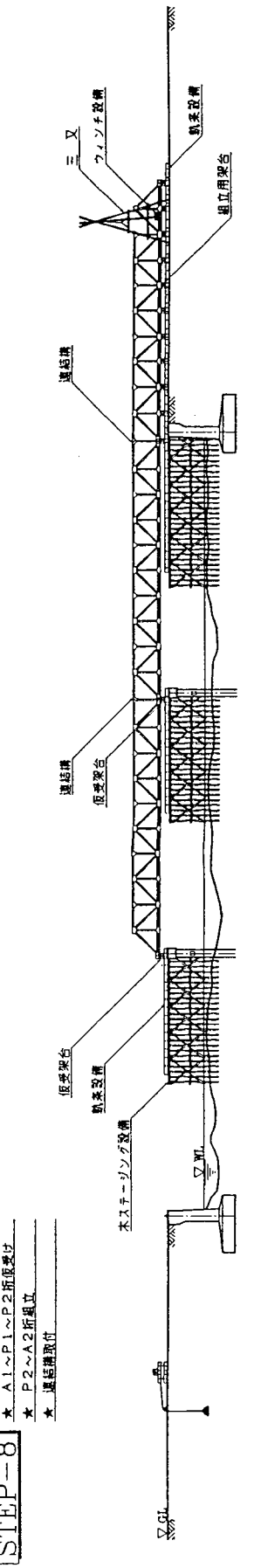
STEP-6

★ A1~P1~P2折引出し



STEP-7

★ A1~P1~P2折引出し



STEP-8

★ A1~P1~P2折取受け
★ P2~A2折組立
★ 連結橋取付

ステーシング形式引き出し工法概念図(3径間重連式)(2/3)

資料 8. 参考資料リスト

8. 参考資料リスト

一般

- Statistical Bulletin Bangladesh, June 1999, BBS
- Bangladesh Population Census, 1991, BBS
- Statistical Pocket Book, 1998, BBS

開発計画

- The Fifth Five Year Plan (1997～2002), Ministry of Planning
- Memorandum for Bangladesh Development Forum 1999～2000, April 1999, Ministry of Planning
- Annual Development Programme 1999～2000, Planning Commission
- Portfolio of Aid Worthy Projects, 1999, Ministry of Planning
- Flow of External Resources into Bangladesh, June 1998, Ministry of Finance

経済

- Economic Trends and the Policy Agenda, May 1998, World Bank & ADB
- Report on Bangladesh Census of Manufacturing Industries (1991～92), March 1997, BBS

地図

- District Map
- Thana Map 1 : 50,000 他
- Topographic Map 1 : 50,000

設計基準等 LGED 関係

- Road Structures Manual, 1997, LGED
- Directions in Management Development of LGED, April 1998, ADB
- Local Government Engineering Department Brochure, 1997
- Organization Manual of LGED, April 1998, ADB
- Summary of LGED Road Network, July 1999, LGED

その他

- Annual Budget 1999～2000, Ministry of Finance
- The Customs Act, July 1999
- The Complete Guide to Value Added Tax & Rules, 1998
- Bangladesh Integrated Transport System Study, June 1998, Planning Commission

資料 9. バングラデシュ人民共和国
政府負担分概算経費

9. বাংলাদেশ人民共和国負担分概算費用

ESTIMATED COST BORN BY THE GOVERNMENT OF BANGLADESH

1. BRIDGE CONSTRUCTION COST

BRIDGE CONSTRUCTION COST

Item	Structure	Designation	Unit Price	Unit	Phase 1 (35 Bridges)		Phase 2 (45 Bridges)		Total (80 Bridges)	
					Quantity	Amount	Quantity	Amount	Quantity	Amount
Sub-Structure	Abutment	H= 4.0 ~ 5.0m	320,000	Nos.	43	13,760,000	64	20,480,000	107	34,240,000
		H= 5.0 ~ 7.0m	410,000	Nos.	22	9,020,000	21	8,610,000	43	17,630,000
		H= 7.0 ~ 9.0m	470,000	Nos.	4	1,880,000	5	2,350,000	9	4,230,000
		H= 9.0 ~ 10.0m	570,000	Nos.	1	570,000	0	0	1	570,000
		Sub-total	-	-	70	25,230,000	90	31,440,000	160	56,670,000
	Pier	H= 2.0 ~ 5.0m	221,000	Nos.	16	3,536,000	15	3,315,000	31	6,851,000
		H= 5.0 ~ 7.0m	250,000	Nos.	20	5,000,000	25	6,250,000	45	11,250,000
		H= 7.0 ~ 9.0m	290,000	Nos.	19	5,510,000	15	4,350,000	34	9,860,000
		H= 9.0 ~ 11.0m	379,000	Nos.	7	2,653,000	4	1,516,000	11	4,169,000
		H= 11.0 ~ 13.0m	415,000	Nos.	1	415,000	3	1,245,000	4	1,660,000
		Sub-total	-	-	63	17,114,000	62	16,676,000	125	33,790,000
	Foundation	Precast (300×300×6,000)	9,600	ea.	2,238	21,484,800	2,664	25,574,400	4,902	47,059,200
		Cast-in-situ (φ700)	1,500	m	1,235	1,852,500	1,358	2,037,000	2,593	3,889,500
		Sub-total	-	-	-	23,337,300	-	27,611,400	-	50,948,700
		Total	-	-	-	65,681,300	-	75,727,400	-	141,408,700
Super-Structure	Inland Transportation of Bridge Material		1,050	ton	1,701	1,786,050	1,834	1,925,700	3,535	3,711,750
		Erection of Bridges	30,800	ton	1,701	52,390,800	1,834	56,487,200	3,535	108,878,000
		Total	-	-	-	54,176,850	-	58,412,900	-	112,589,750
Other Structure	Approach Road		2,400	m	1,350	3,240,000	1,770	4,248,000	3,120	7,488,000
		River Bank Protection	1,500	m ²	3,822	5,733,000	4,990	7,485,000	8,812	13,218,000
		Total	-	-	-	8,973,000	-	11,733,000	-	20,706,000
		Grand Total	-	-	-	128,831,150	-	145,873,300	-	274,704,450

(Unit : Taka)