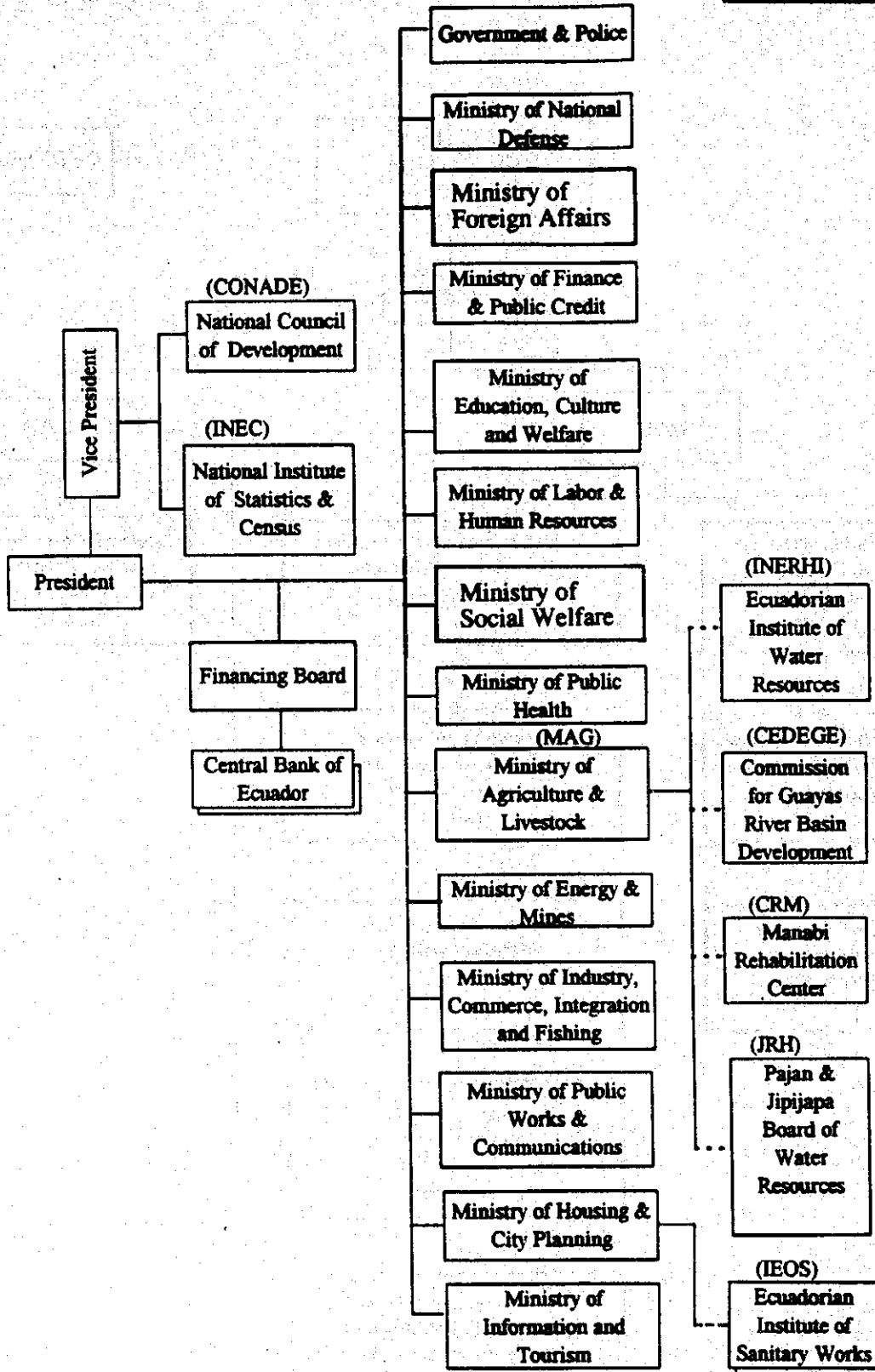


FIGURE 3.7.1



Source: Department of Regulation and Financial Consolidation for the General Supervision, Ecuador (Direccion de Normas y Consolidacion Financiera de la Contraloria General del Estado)

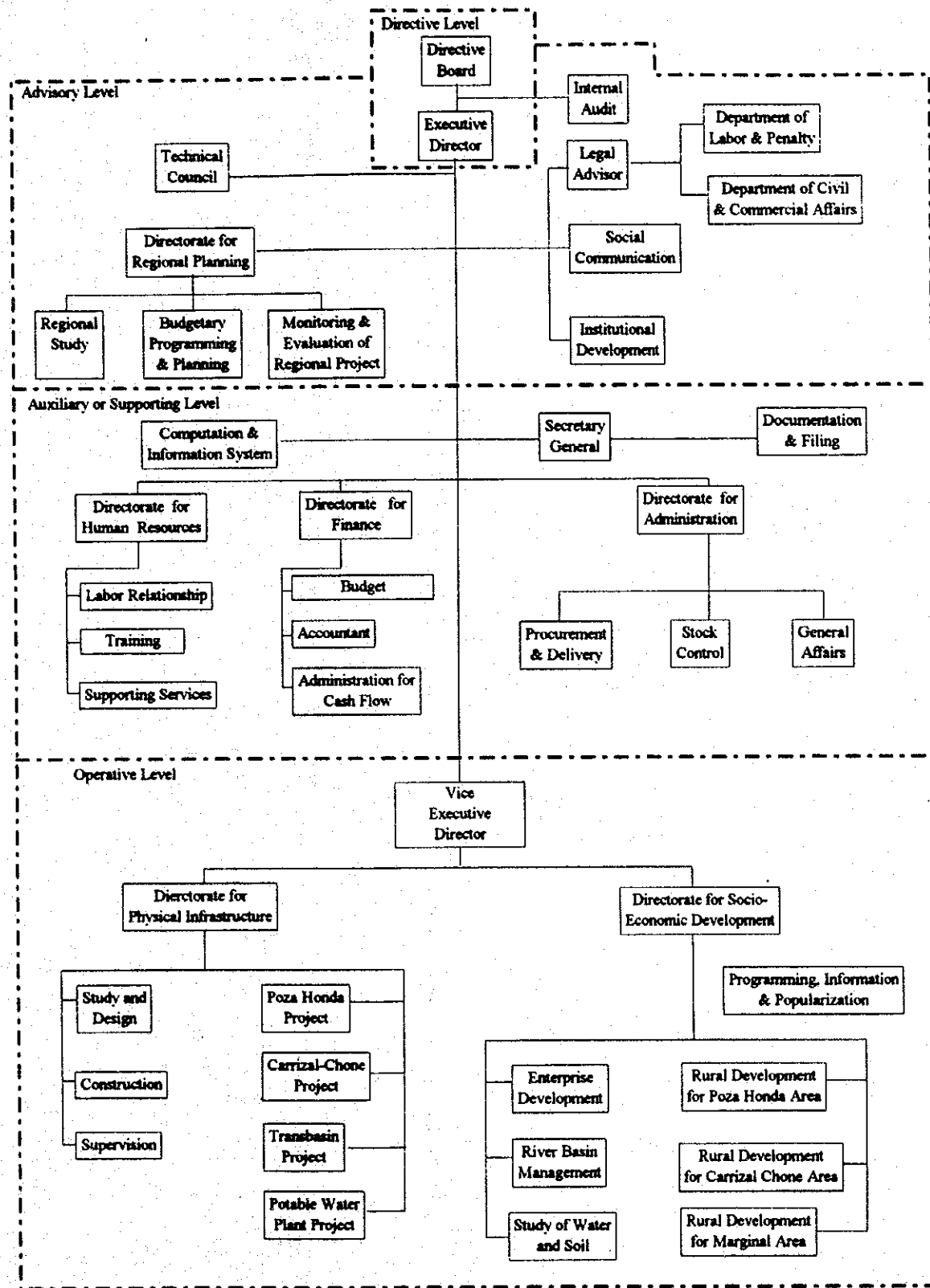
GOVERNMENT OF THE REPUBLIC OF ECUADOR  
CENTRO DE REHABILITACION DE MANABI (CRM)  
THE DETAILED DESIGN STUDY ON THE WATER TRANSBASIN  
SCHEMES FOR CHONE-PORTOVIEJO RIVER BASINS

JAPAN INTERNATIONAL COOPERATION AGENCY

TITLE

Executive Branch of Government of Ecuador  
(January 1994)

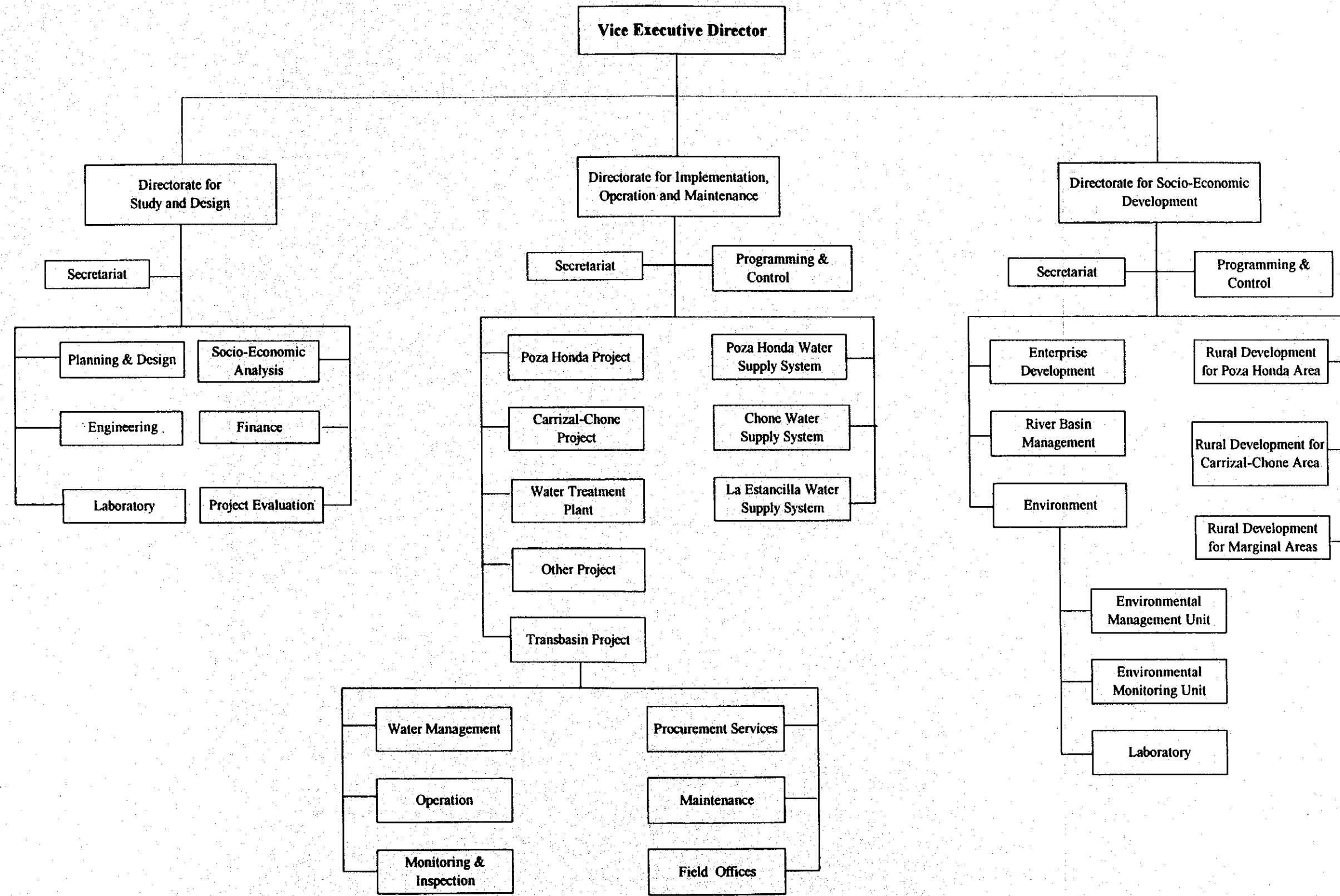
FIGURE 3.7.2



GOVERNMENT OF THE REPUBLIC OF ECUADOR  
 CENTRO DE REHABILITACION DE MANABI (CRM)  
 THE DETAILED DESIGN STUDY ON THE WATER TRANSBASIN  
 SCHEMES FOR CHONE-PORTOVIEJO RIVER BASINS  
 JAPAN INTERNATIONAL COOPERATION AGENCY

TITLE  
 Present Organization Chart of CRM  
 (As of August 1994)

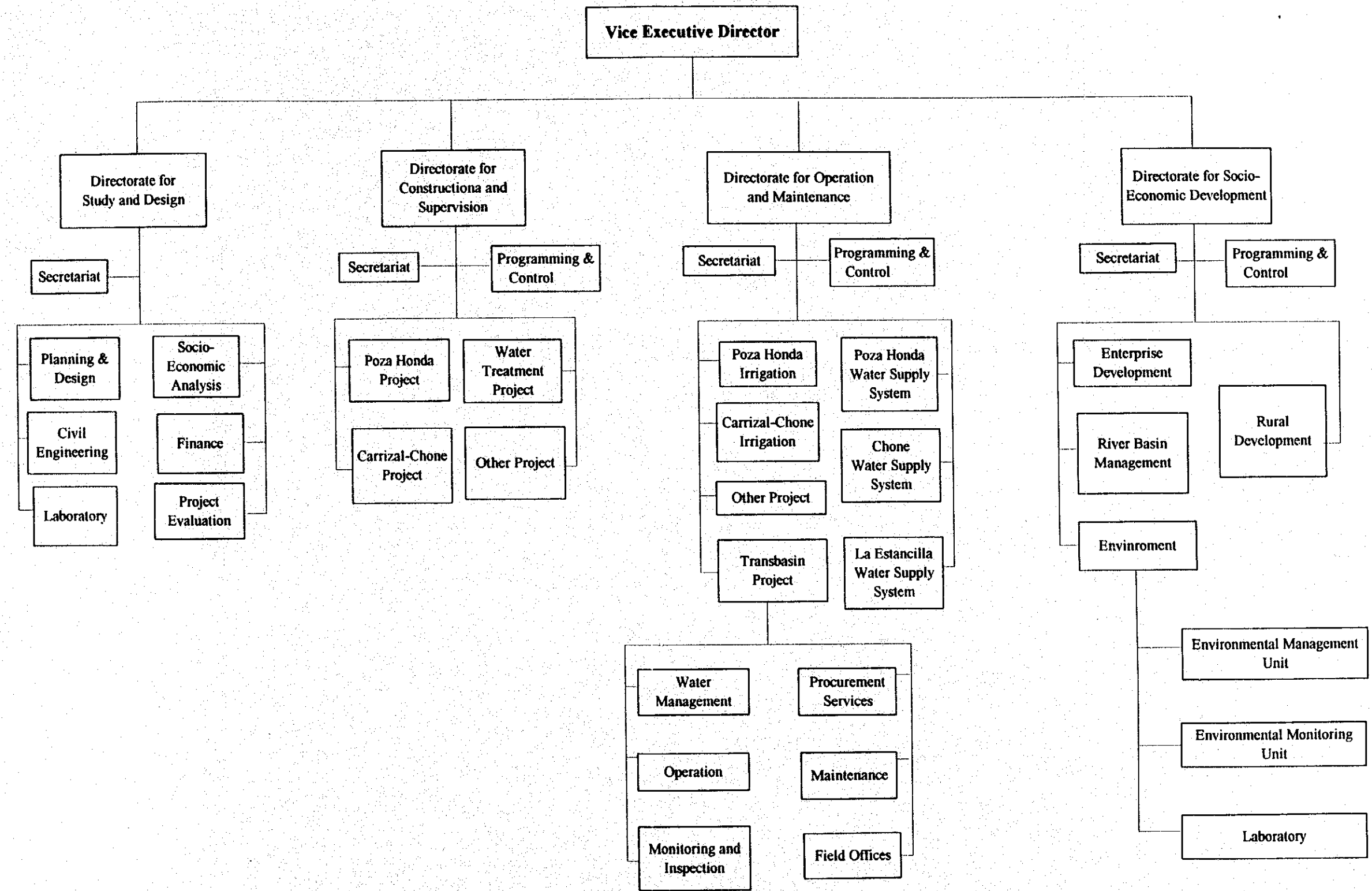
FIGURE 3.7.3



GOVERNMENT OF THE REPUBLIC OF ECUADOR  
 CENTRO DE REHABILITACION DE MANABI (CRM)  
 THE DETAILED DESIGN STUDY ON THE WATER TRANSBASIN  
 SCHEMES FOR CHONE-PORTOVIEJO RIVER BASINS  
 JAPAN INTERNATIONAL COOPERATION AGENCY

TITLE  
 Recommended CRM's Organization for  
 Operative Level (Alternative 1)

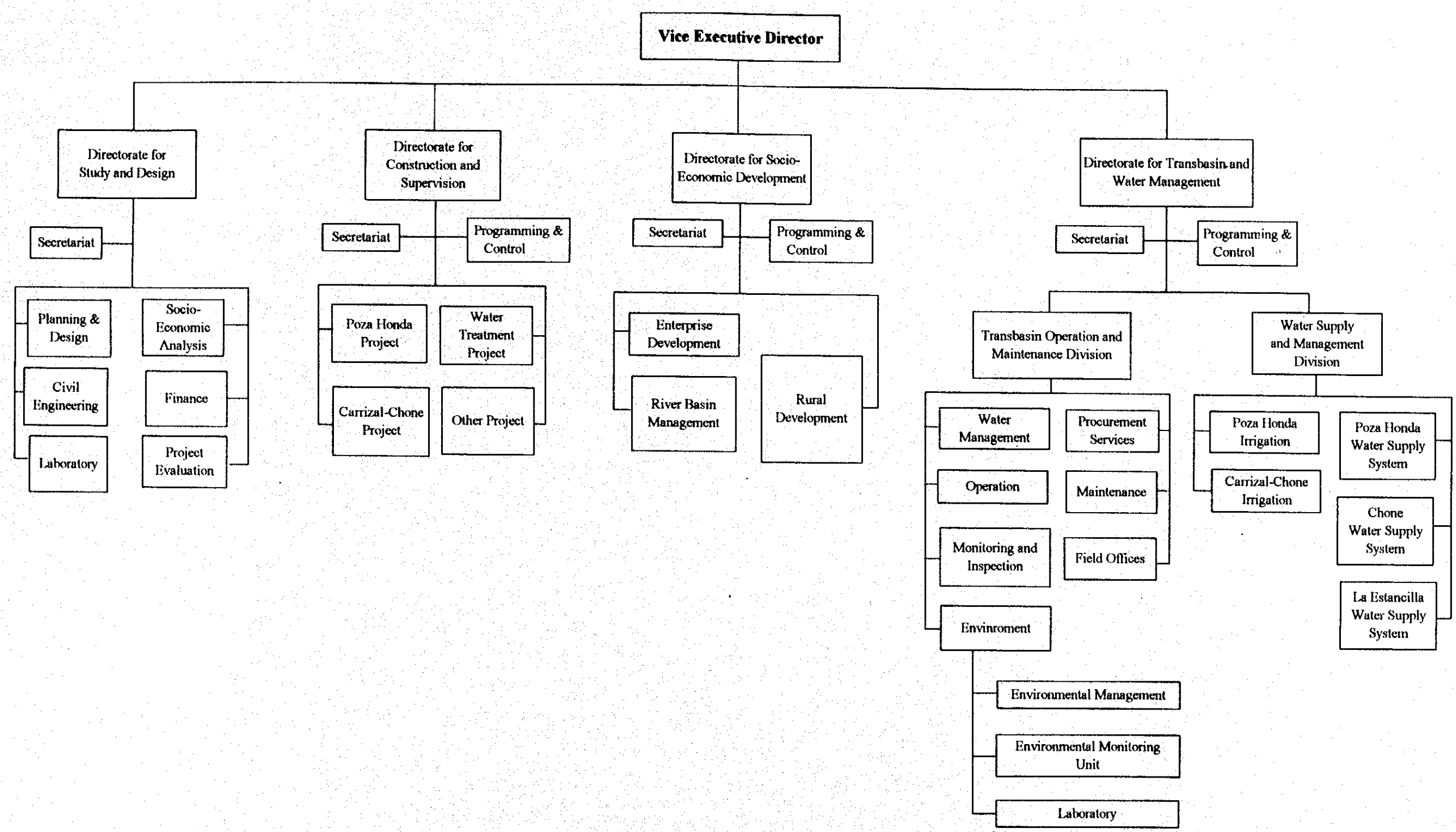
FIGURE 3.7.4



GOVERNMENT OF THE REPUBLIC OF ECUADOR  
 CENTRO DE REHABILITACION DE MANABI (CRM)  
 THE DETAILED DESIGN STUDY ON THE WATER TRANSBASIN  
 SCHEMES FOR CHONE-PORTOVIEJO RIVER BASINS  
 JAPAN INTERNATIONAL COOPERATION AGENCY

TITLE  
 Recommended CRM's Organization for  
 Operative Level (Alternative 2)

FIGURE 3.7.5



GOVERNMENT OF THE REPUBLIC OF ECUADOR  
 CENTRO DE REHABILITACION DE MANABI (CRM)  
 THE DETAILED DESIGN STUDY ON THE WATER TRANSBASIN  
 SCHEMES FOR CHONE-PORTOVIEJO RIVER BASINS  
 JAPAN INTERNATIONAL COOPERATION AGENCY

TITLE  
 Recommended CRM's Organization for  
 Operative Level (Alternative 3)

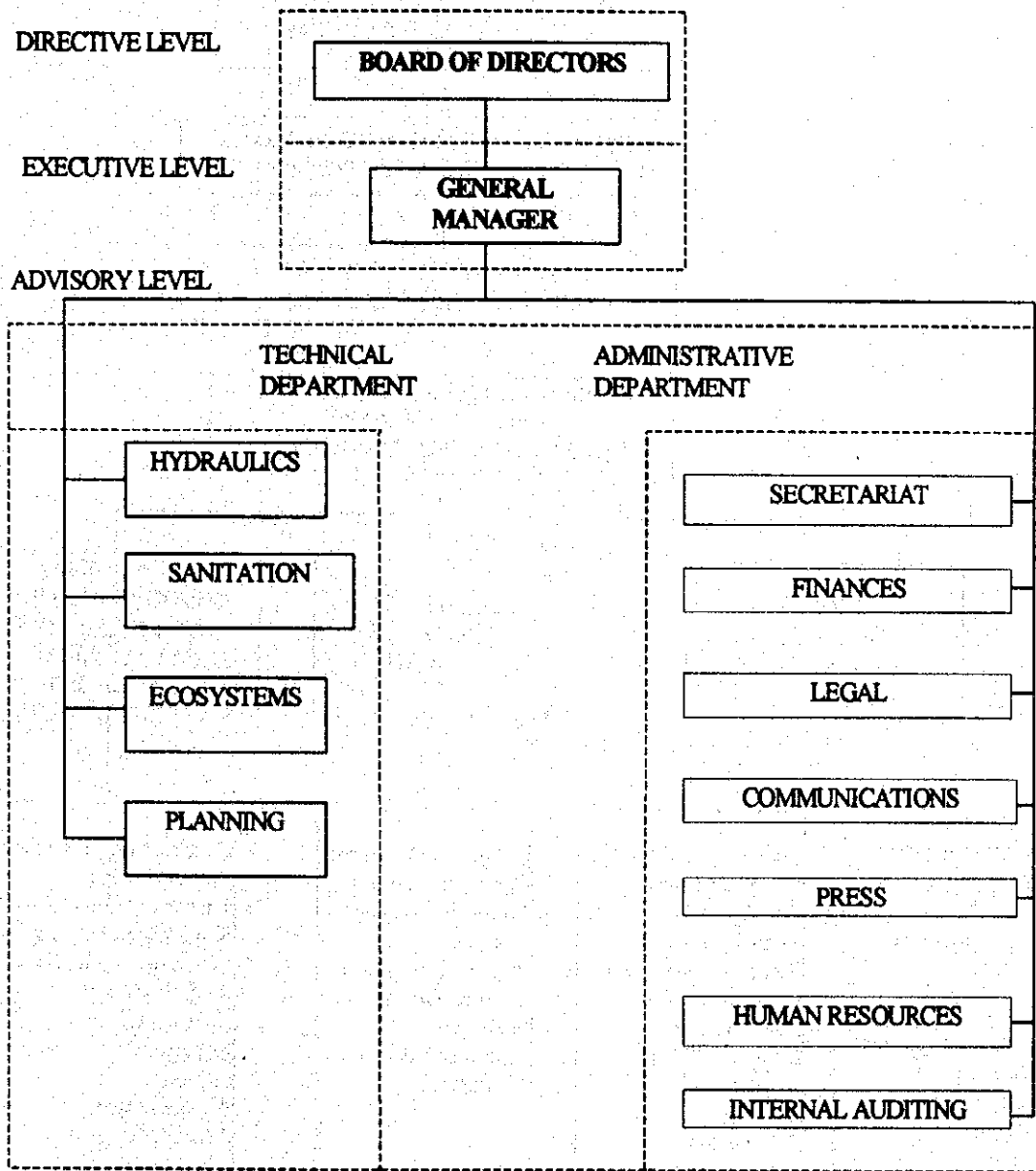
FIGURE 3.7.6

Programs / Activities	1994	1995	1996	1997	1998	1999	2000	2001
<b>(A) Institutional Infrastructure Development</b>								
1. Assessment of Present Institutional Capacity	██████████							
2. Study of Institutional Development		██████████						
3. Administrative Procedures			██████████	██████████				
<b>(B) Human Resources Development and Training</b>								
1. Assesment of CRM's Present Human Resources	██████████							
2. Examination of Personnel Staffing Needs and Fields of Professions		██████████						
3. Development of Training Programs			██████████	██████████				
4. Implementation of CRM Personnel Training				██████████	██████████	██████████		
5. Establishment of Recruitment System and Employment Regulation			██████████					
<b>(C) Operation and Maintenance Plan Development</b>								
1. Development of Water Resources Allocation and Management Plan	██████████	██████████						
2. Establishment of Management Plan for Transbasin and Reservoir Operation			██████████	██████████				
3. Establishment of Management Plan for Water Supply System	██████████	██████████						
4. Establishment of Management Plan for Irrigation System	██████████	██████████						
<b>(D) Operation and Maintenance of Transbasin and Dam Facilities</b>							██████████	██████████

GOVERNMENT OF THE REPUBLIC OF ECUADOR  
 CENTRO DE REHABILITACION DE MANABI (CRM)  
 THE DETAILED DESIGN STUDY ON THE WATER TRANSBASIN  
 SCHEMES FOR CHONE-PORTOVIEJO RIVER BASINS  
 JAPAN INTERNATIONAL COOPERATION AGENCY

TITLE  
 Implementation Schedule for  
 CRM's Institutional Development

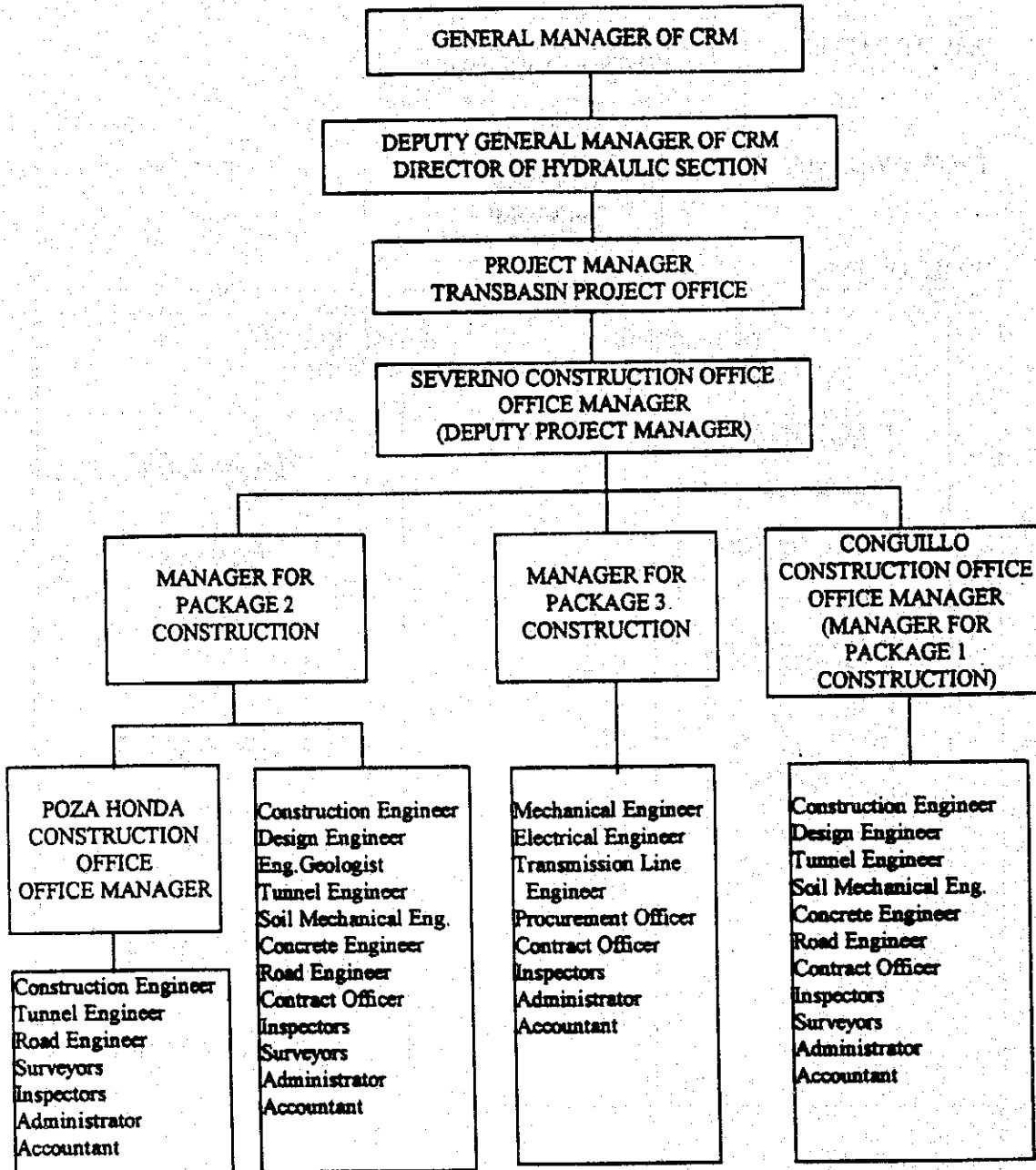




GOVERNMENT OF THE REPUBLIC OF ECUADOR  
 CENTRO DE REHABILITACION DE MANABI (CRM)  
 THE DETAILED DESIGN STUDY ON THE WATER TRANSBASIN  
 SCHEMES FOR CHONE-PORTOVIEJO RIVER BASINS  
 JAPAN INTERNATIONAL COOPERATION AGENCY

TITLE  
 Organization Chart of CRM in  
 accordance with Law 57

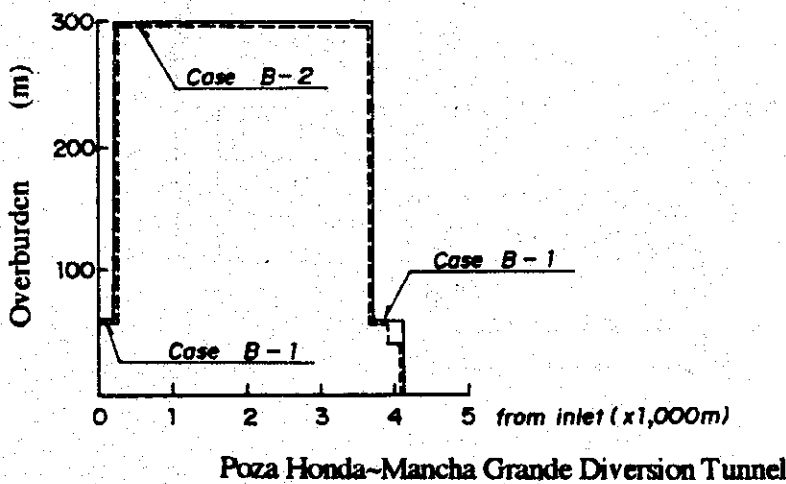
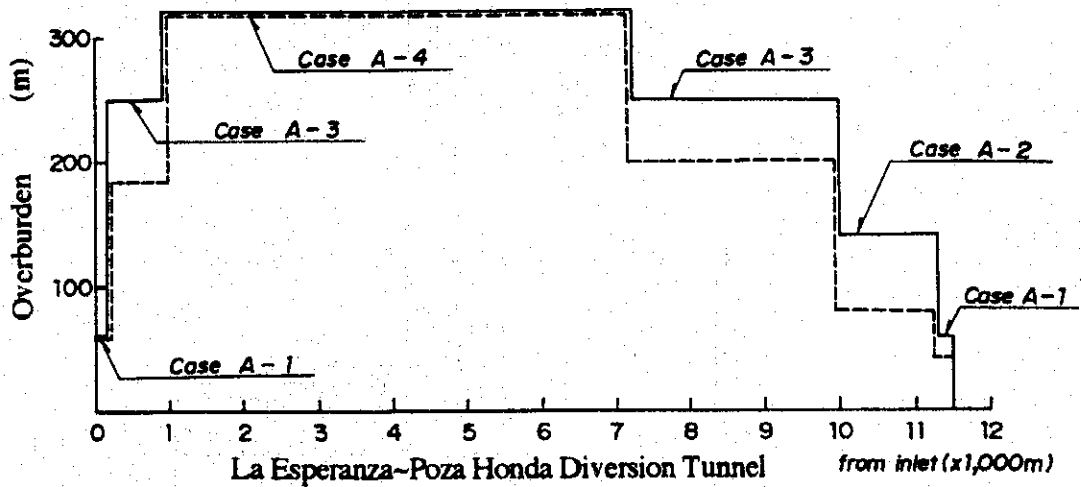
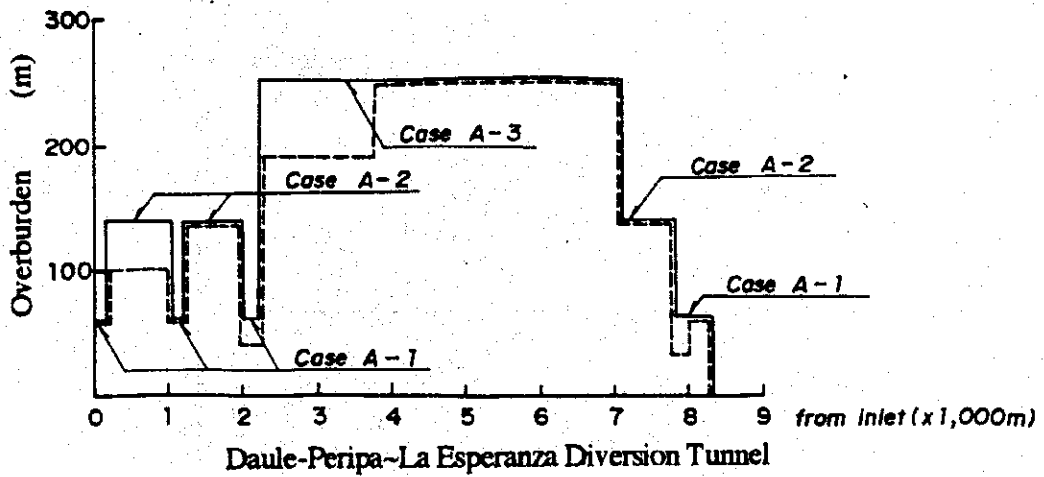




GOVERNMENT OF THE REPUBLIC OF ECUADOR  
CENTRO DE REHABILITACION DE MANABI (CRM)  
THE DETAILED DESIGN STUDY ON THE WATER TRANSBASIN  
SCHEMES FOR CHONE-PORTOVIEJO RIVER BASINS  
JAPAN INTERNATIONAL COOPERATION AGENCY

TITLE  
**Project Organization During Construction**

FIGURE 4.1.1



- Dotted line shows mean overburden
- Solid line shows applied overburden for tunnel structural analysis

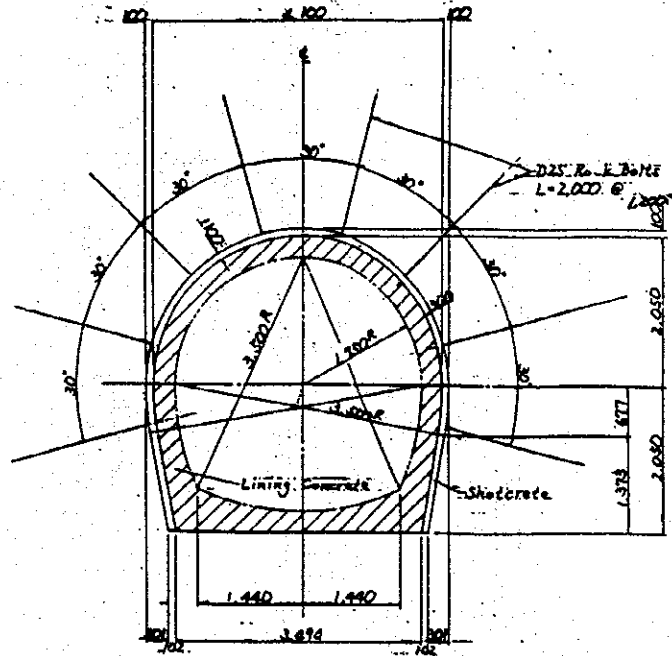
GOVERNMENT OF THE REPUBLIC OF ECUADOR  
CENTRO DE REHABILITACION DE MANABI (CRM)  
THE DETAILED DESIGN STUDY ON THE WATER TRANSBASIN  
SCHEMES FOR CHONE-PORTOVIEJO RIVER BASINS

JAPAN INTERNATIONAL COOPERATION AGENCY

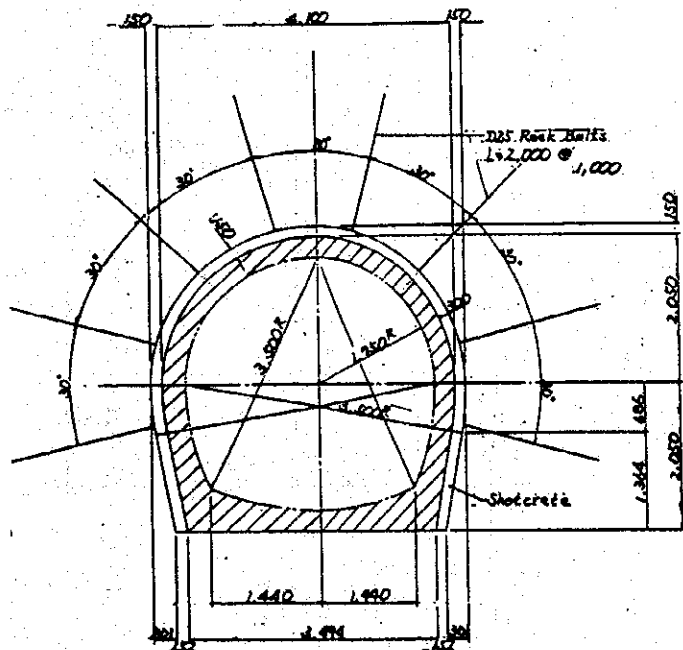
TITLE

Cases of Tunnel Structural Analysis based on  
the Overburden, Geological Condition and  
Cross Section





Type I

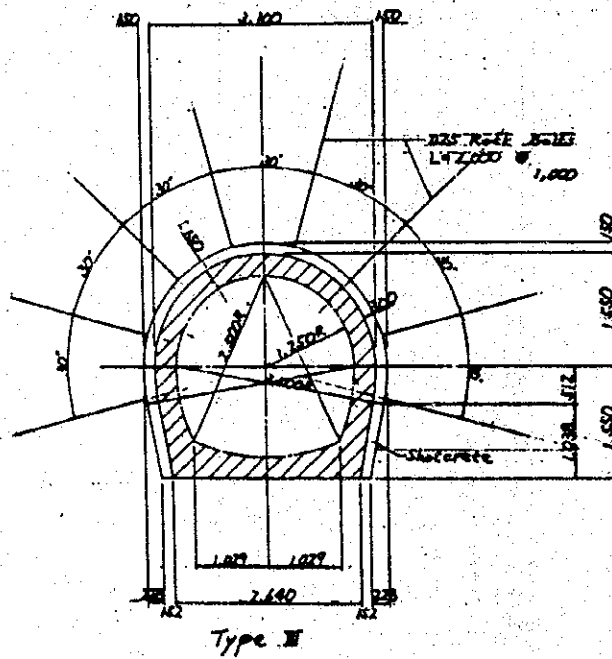
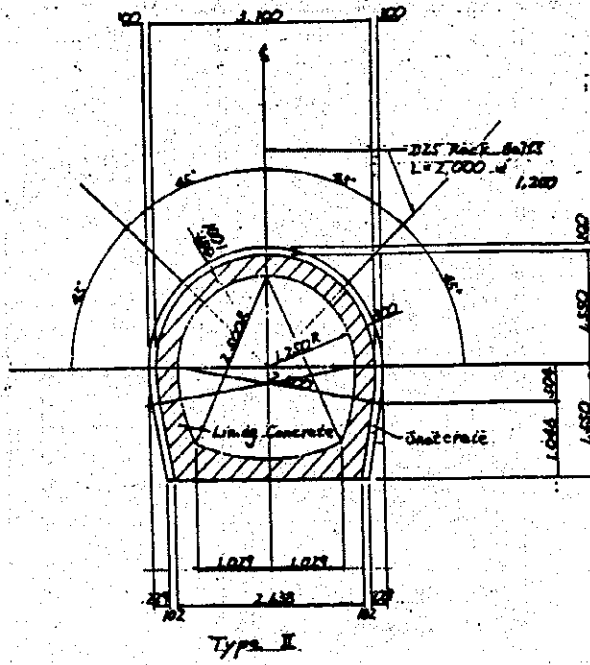


Type II

GOVERNMENT OF THE REPUBLIC OF ECUADOR  
 CENTRO DE REHABILITACION DE MANABI (CRM)  
 THE DETAILED DESIGN STUDY ON THE WATER TRANSBASIN  
 SCHEMES FOR CHONE-PORTOVIEJO RIVER BASINS  
 JAPAN INTERNATIONAL COOPERATION AGENCY

TITLE  
 Typical Cross Section, Types II and III  
 (La Esperanza~Poza Honda Diversion Tunnel)

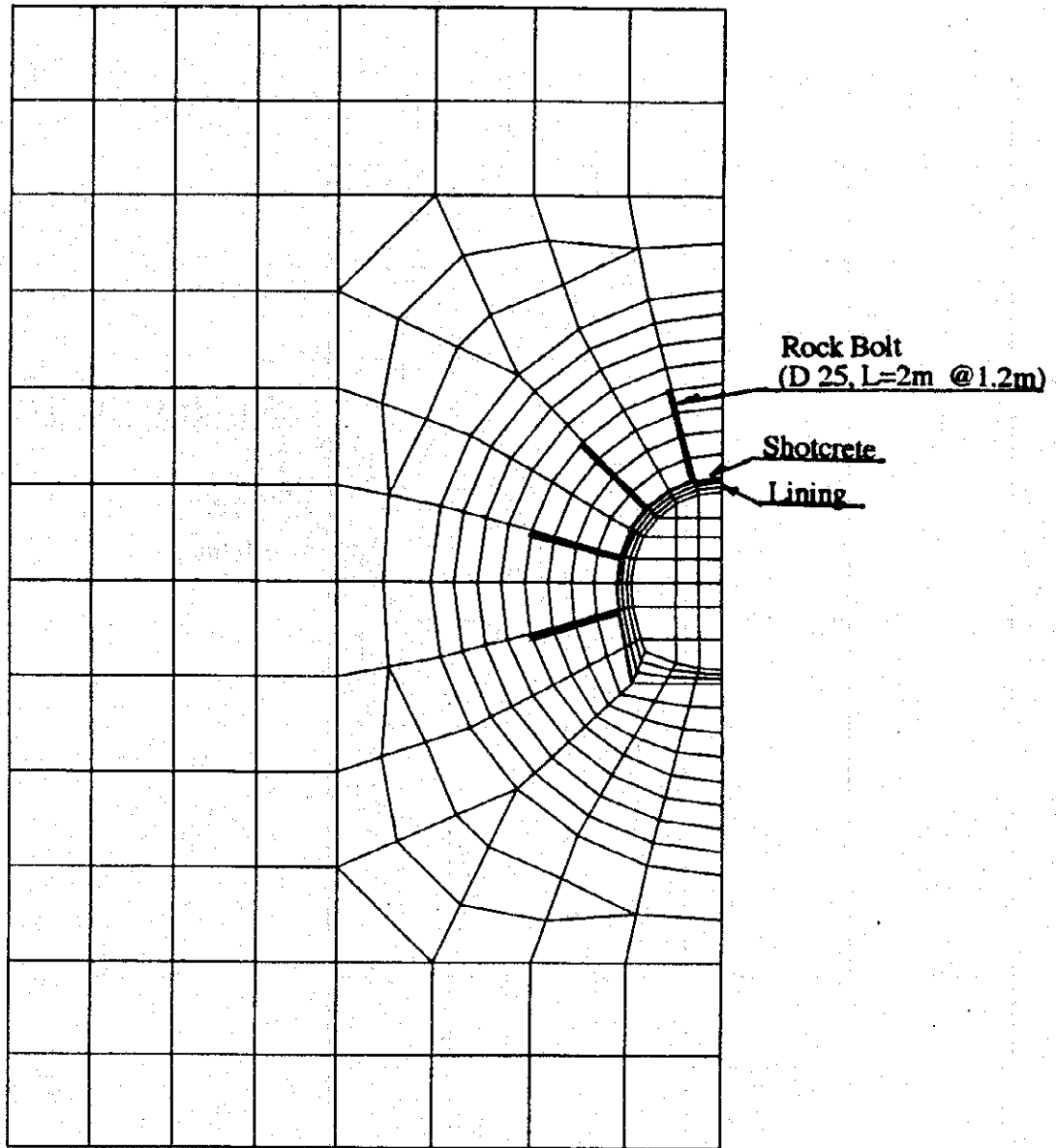
FIGURE 4.1.4



GOVERNMENT OF THE REPUBLIC OF ECUADOR  
 CENTRO DE REHABILITACION DE MANABI (CRM)  
 THE DETAILED DESIGN STUDY ON THE WATER TRANSBASIN  
 SCHEMES FOR CHONE-PORTOVIEJO RIVER BASINS  
 JAPAN INTERNATIONAL COOPERATION AGENCY

TITLE  
 Typical Cross Section, Types II and III  
 (Poza Honda-Mancha Grande Diversion Tunnel)

FIGURE 4.1.5



LEGEND  
TOTAL ELEMENTS = 297  
TOTAL NODES = 296

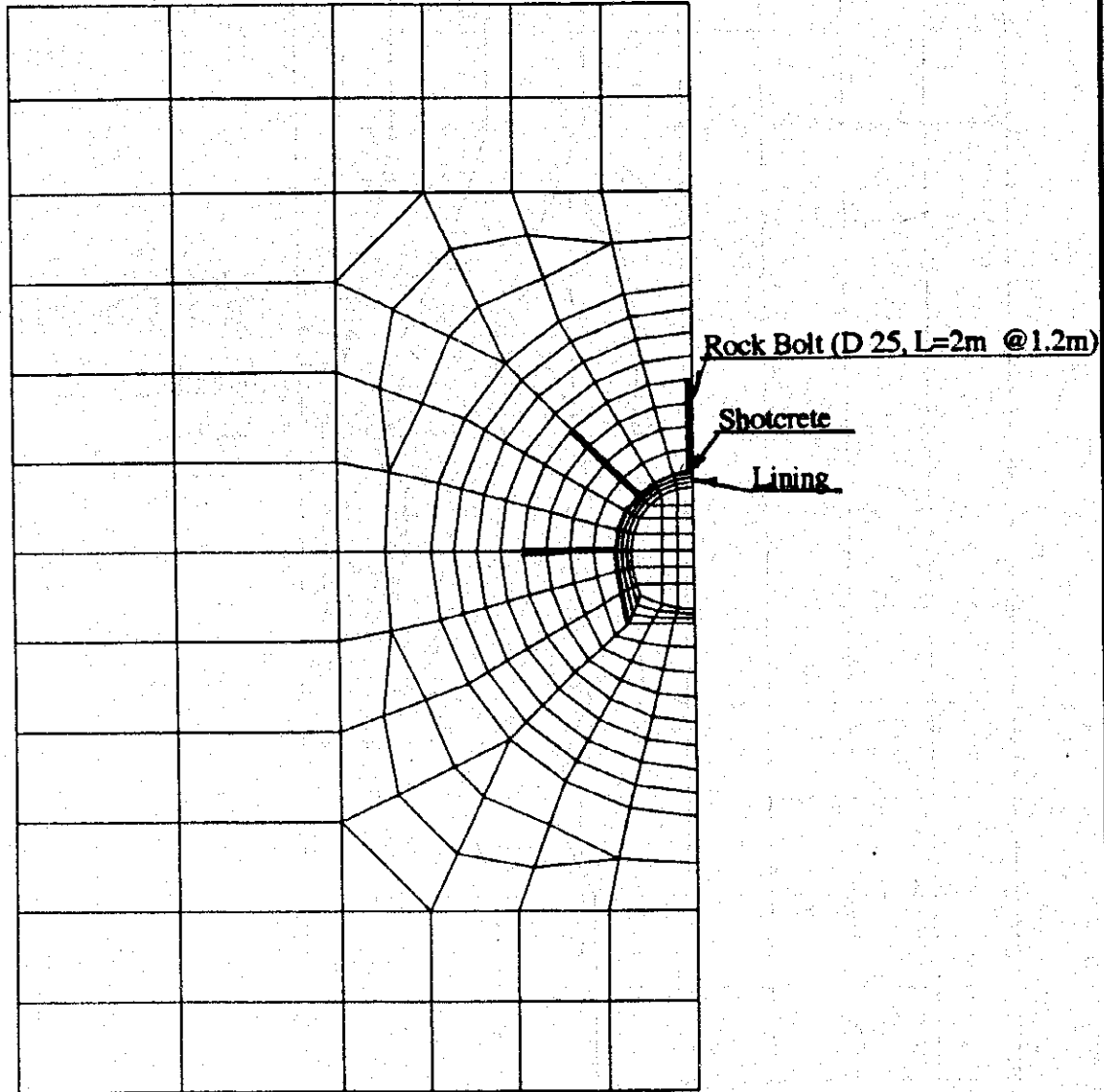
GOVERNMENT OF THE REPUBLIC OF ECUADOR  
CENTRO DE REHABILITACION DE MANABI (CRM)  
THE DETAILED DESIGN STUDY ON THE WATER TRANSFER  
SCHEMES FOR CHONE-PORTOVIEJO RIVER BASINS

JAPAN INTERNATIONAL COOPERATION AGENCY

TITLE

Input Data Meshes  
(Cases A-1, A-2, A-3 and A-4)

FIGURE 4.1.6



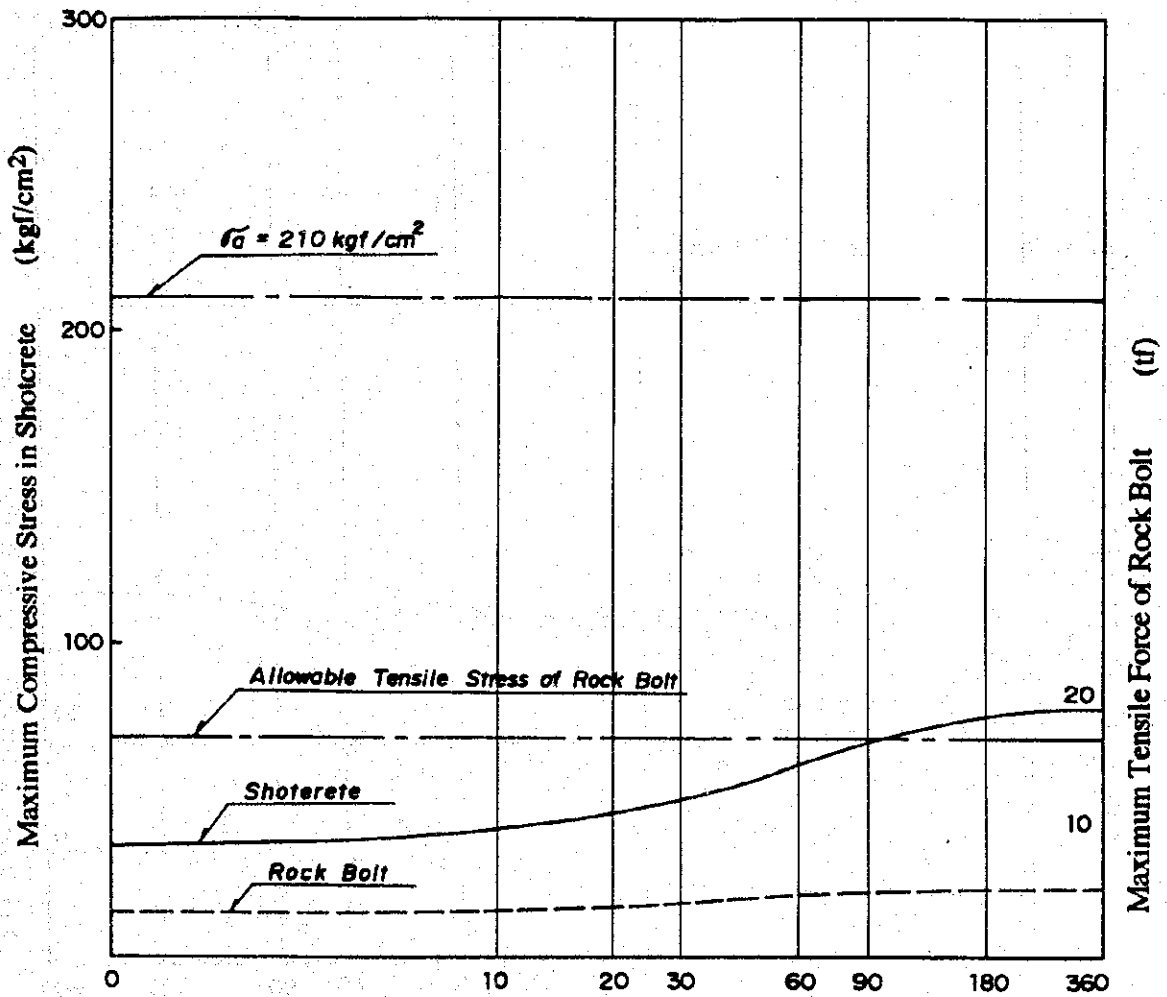
FOR STRUCTURE 0 5.0 M ( 1 : 150 )

LEGEND  
TOTAL ELEMENTS = 883  
TOTAL NODES = 880

GOVERNMENT OF THE REPUBLIC OF ECUADOR  
CENTRO DE REHABILITACION DE MANABI (CRM)  
THE DETAILED DESIGN STUDY ON THE WATER TRANSBASK  
SCHEMES FOR CHONE-PORTOVIEJO RIVER BASINS  
JAPAN INTERNATIONAL COOPERATION AGENCY

TITLE  
Input Data Meshes  
(Cases B-1 and B-2)

FIGURE 4.1.7

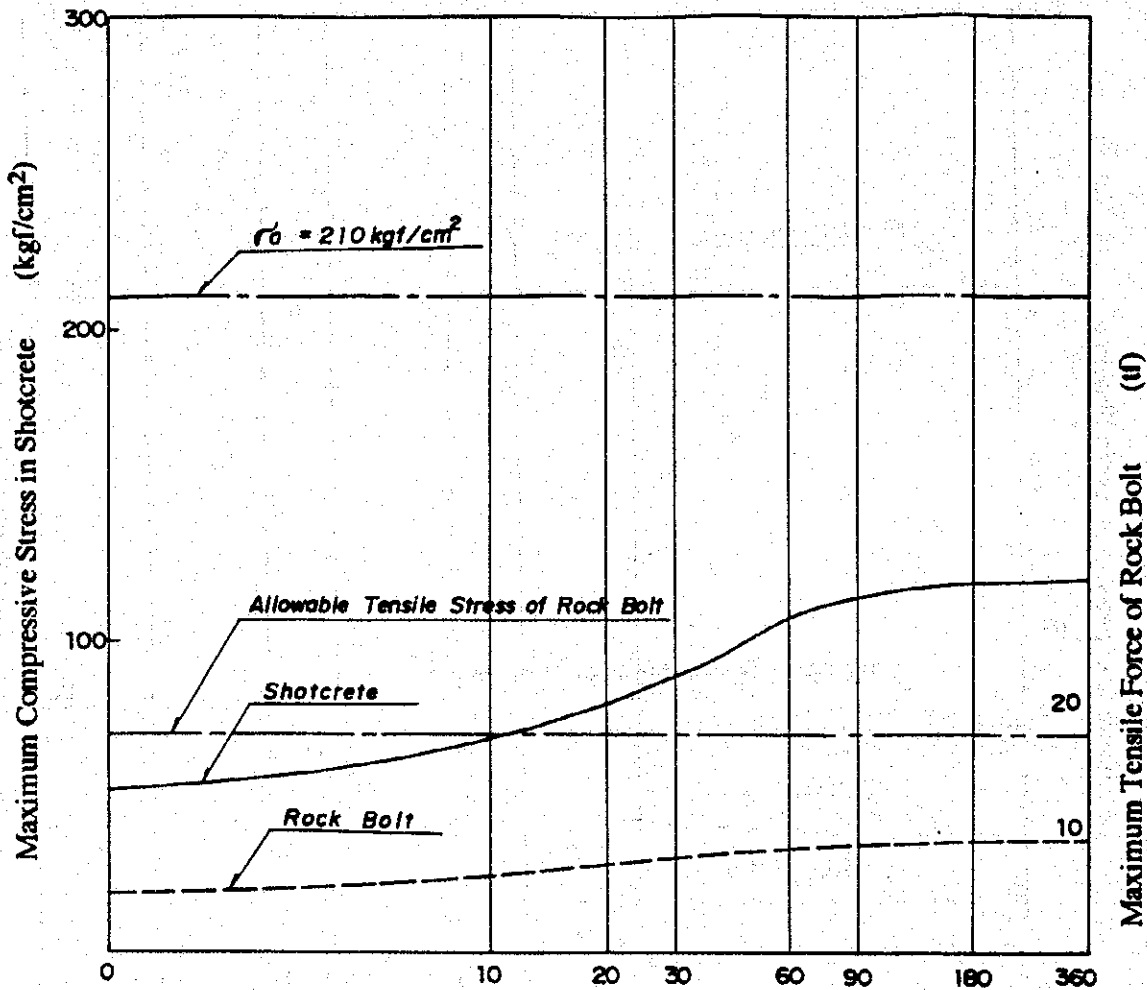


GOVERNMENT OF THE REPUBLIC OF ECUADOR  
 CENTRO DE REHABILITACION DE MANABI (CRM)  
 THE DETAILED DESIGN STUDY ON THE WATER TRANSBASIN  
 SCHEMES FOR CHONE-PORTOVIEJO RIVER BASINS  
 JAPAN INTERNATIONAL COOPERATION AGENCY

TITLE  
 Maximum Compressive Stress in Shotcrete  
 and Tensile Force of Rock Bolt(Case A-1)



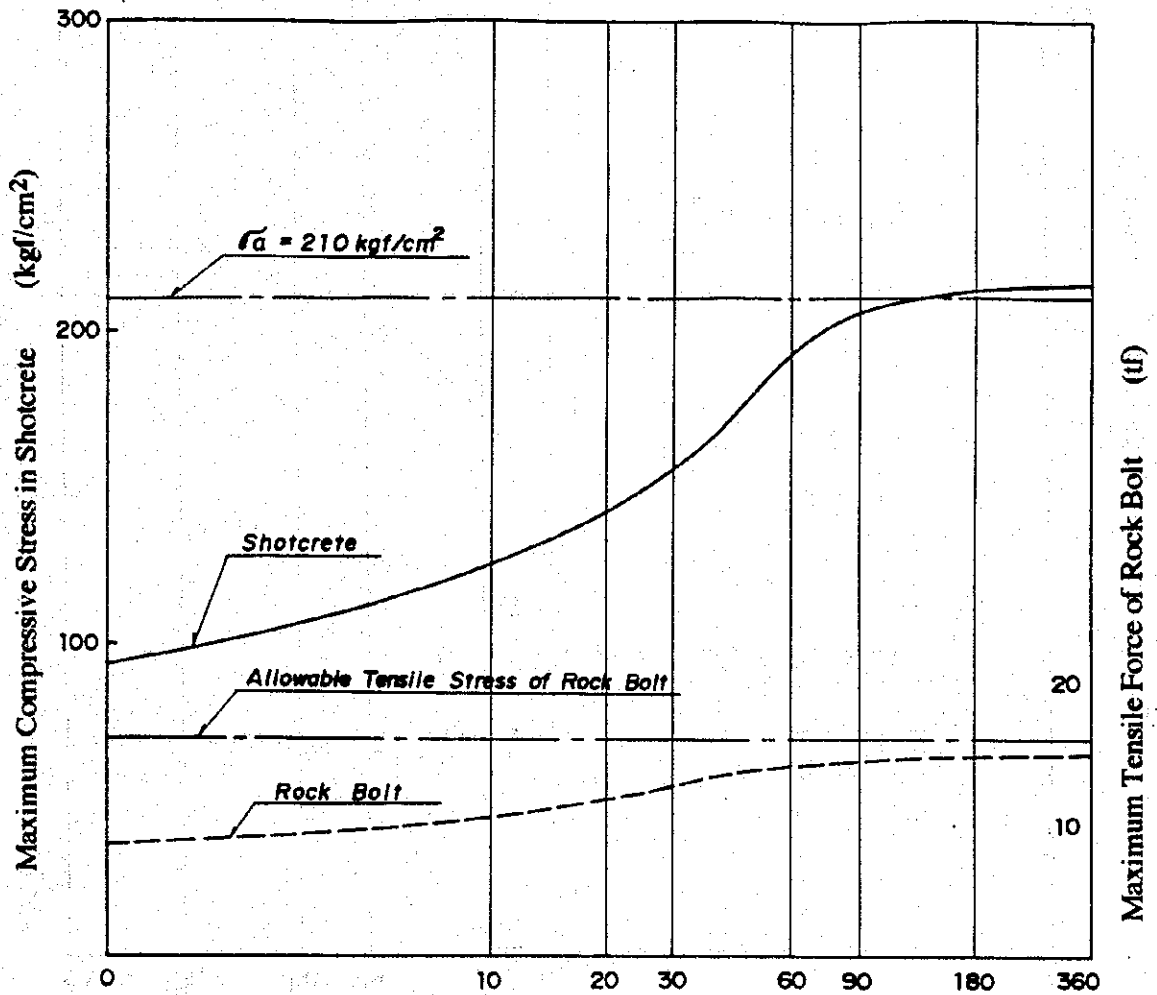
FIGURE 4.1.8



GOVERNMENT OF THE REPUBLIC OF ECUADOR  
 CENTRO DE REHABILITACION DE MANABI (CRM)  
 THE DETAILED DESIGN STUDY ON THE WATER TRANSBASIN  
 SCHEMES FOR CHONE-PORTOVIEJO RIVER BASINS  
 JAPAN INTERNATIONAL COOPERATION AGENCY

TITLE  
 Maximum Compressive Stress in Shotcrete  
 and Tensile Force of Rock Bolt (Case A-2)

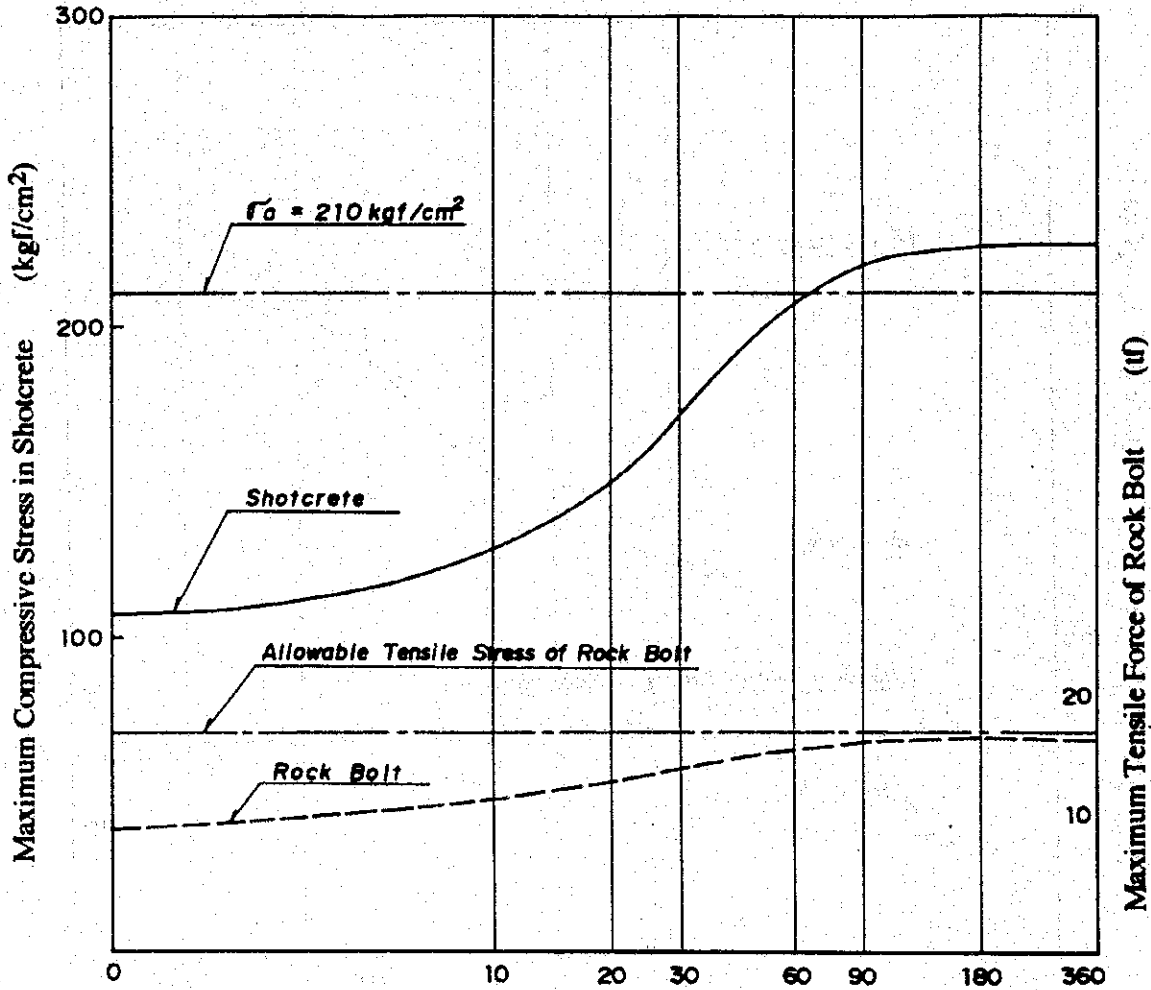
FIGURE 4.1.9



GOVERNMENT OF THE REPUBLIC OF ECUADOR  
 CENTRO DE REHABILITACION DE MANABI (CRM)  
 THE DETAILED DESIGN STUDY ON THE WATER TRANSBASIN  
 SCHEMES FOR CHONE-PORTOVIEJO RIVER BASINS  
 JAPAN INTERNATIONAL COOPERATION AGENCY

TITLE  
 Maximum Compressive Stress in Shotcrete  
 and Tensile Force of Rock Bolt (Case A-3)

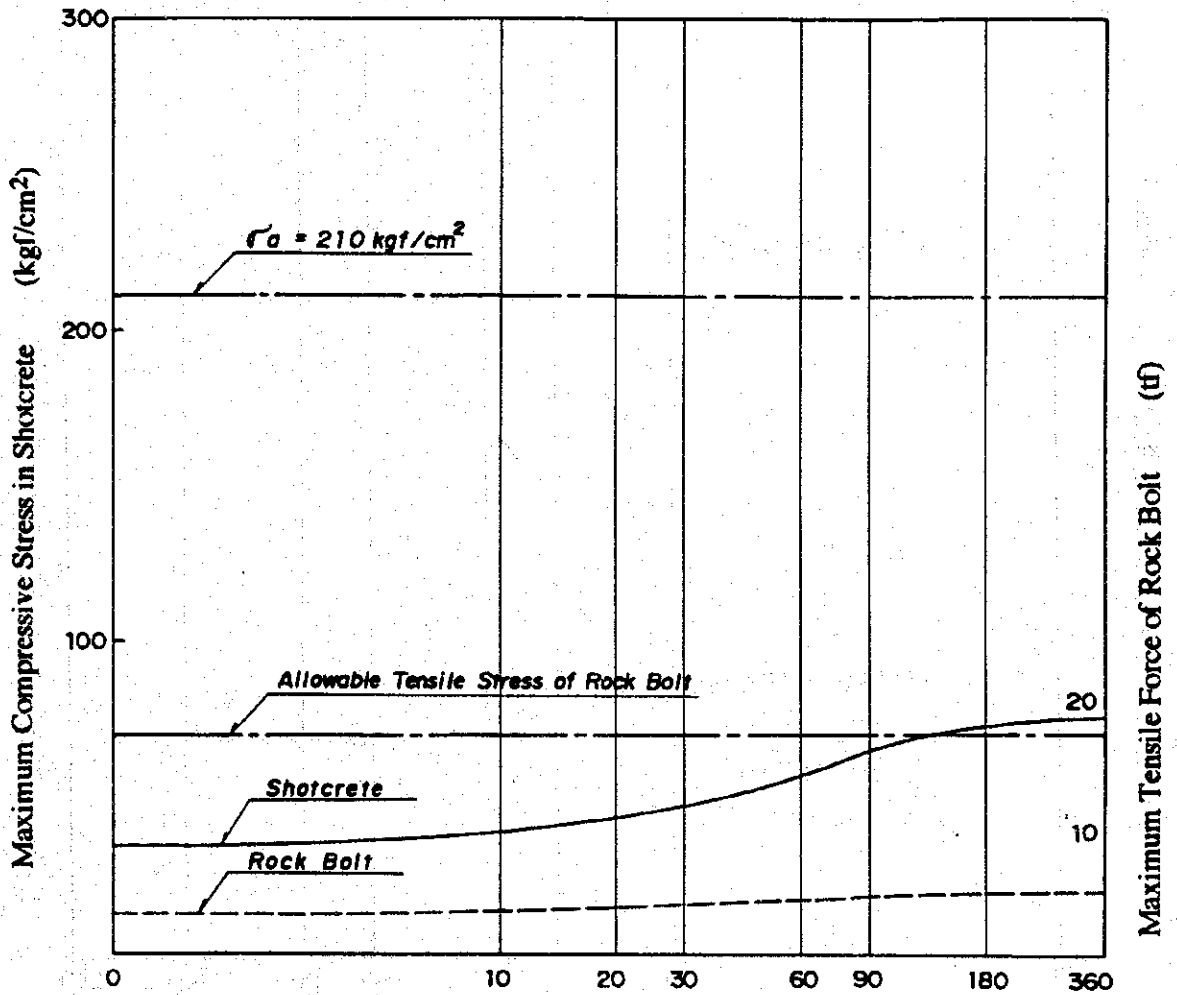
FIGURE 4.1.10



GOVERNMENT OF THE REPUBLIC OF ECUADOR  
 CENTRO DE REHABILITACION DE MANABI (CRM)  
 THE DETAILED DESIGN STUDY ON THE WATER TRANSBASIN  
 SCHEMES FOR CHONE-PORTOVIEJO RIVER BASIN  
 JAPAN INTERNATIONAL COOPERATION AGENCY

TITLE  
 Maximum Compressive Stress in Shotcrete  
 and Tensile Force of Rock Bolt (Case A-4)

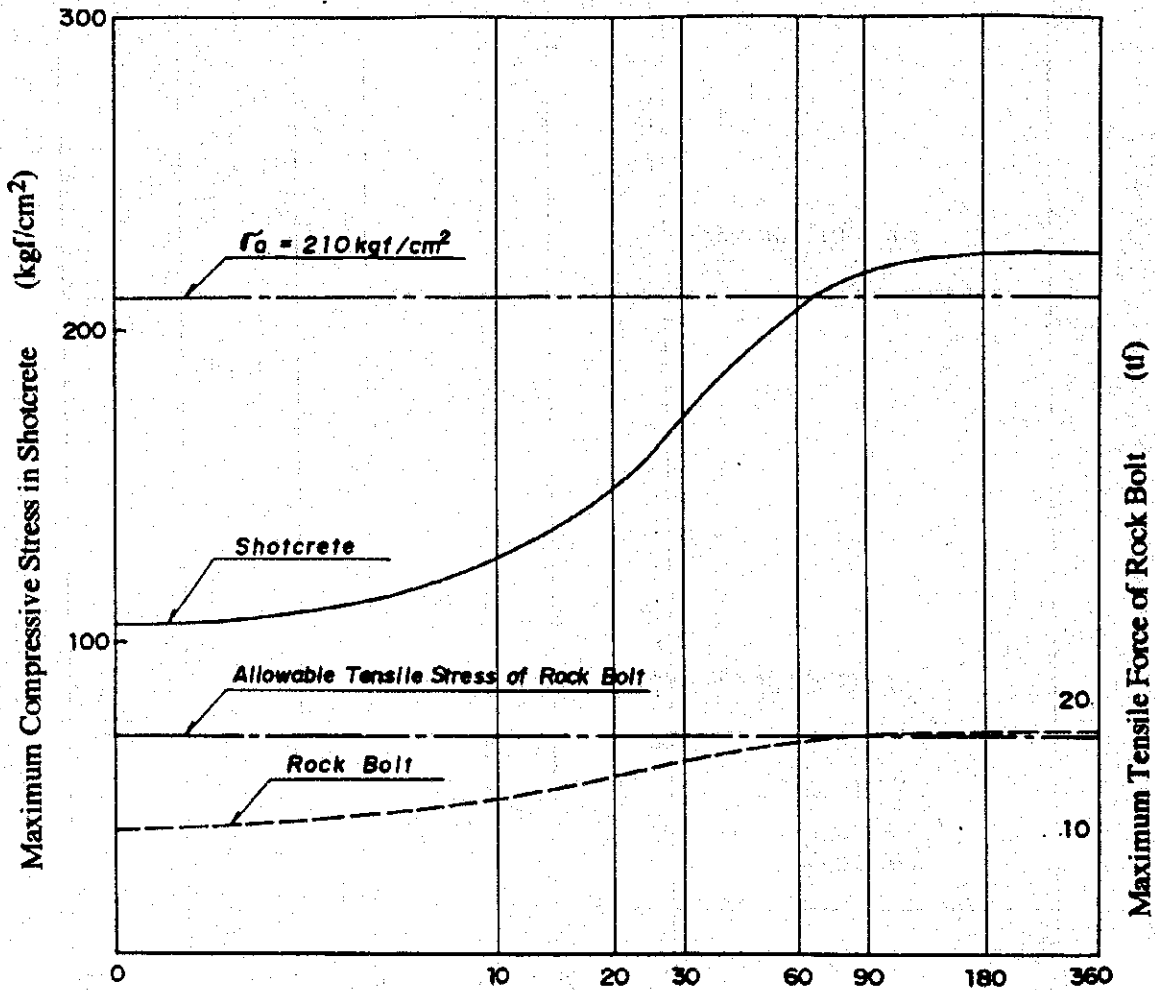
FIGURE 4.1.11



GOVERNMENT OF THE REPUBLIC OF ECUADOR  
 CENTRO DE REHABILITACION DE MANABI (CRM)  
 THE DETAILED DESIGN STUDY ON THE WATER TRANSBASIN  
 SCHEMES FOR CHONE-PORTOVIEJO RIVER BASINS  
 JAPAN INTERNATIONAL COOPERATION AGENCY

TITLE  
 Maximum Compressive Stress in Shotcrete  
 and Tensile Force of Rock Bolt (Case B-1)

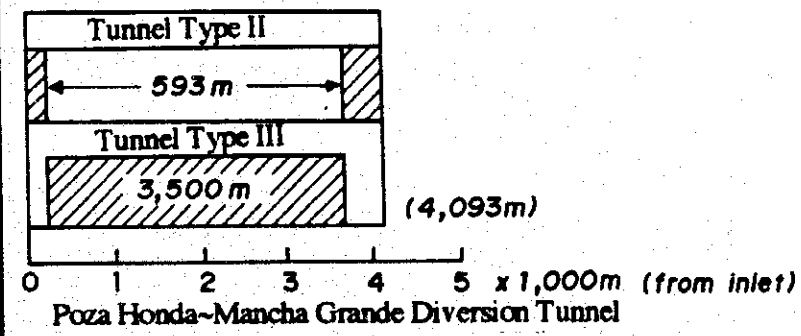
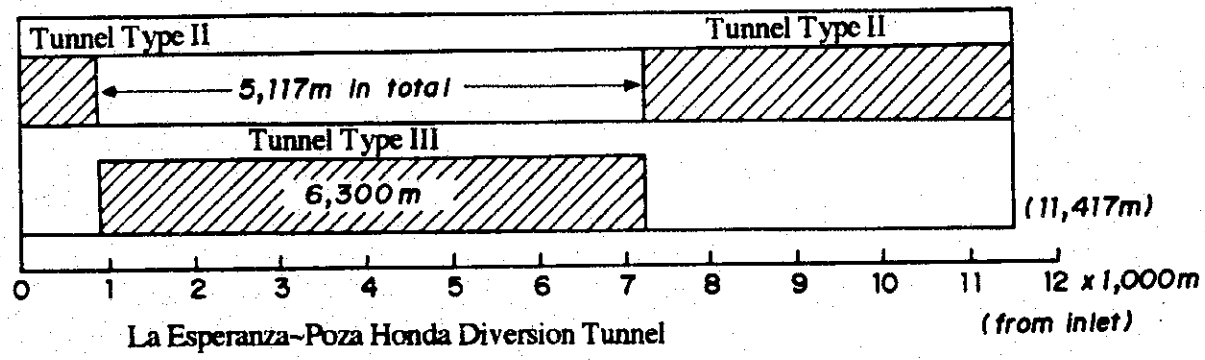
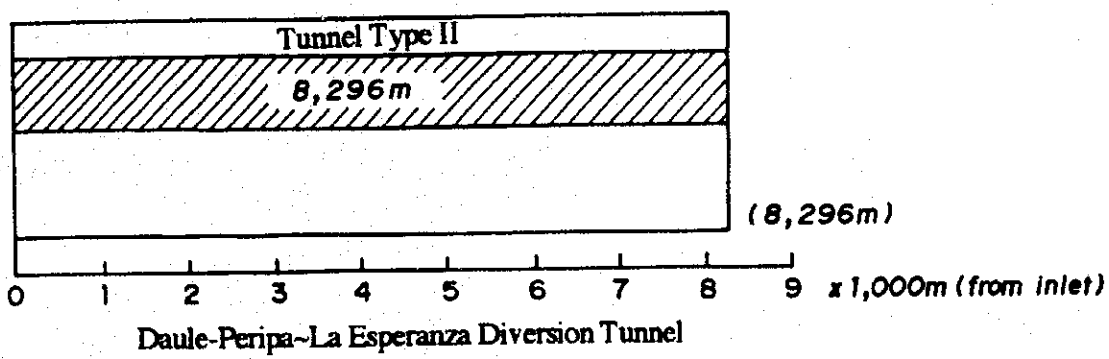
FIGURE 4.1.12



GOVERNMENT OF THE REPUBLIC OF ECUADOR  
 CENTRO DE REHABILITACION DE MANABI (CRM)  
 THE DETAILED DESIGN STUDY ON THE WATER TRANSFER SCHEMES FOR CHONE-PORTOVIEJO RIVER BASINS  
 JAPAN INTERNATIONAL COOPERATION AGENCY

TITLE  
 Maximum Compressive Stress in Shotcrete  
 and Tensile Force of Rock Bolt (Case B-2)

FIGURE 4.1.13

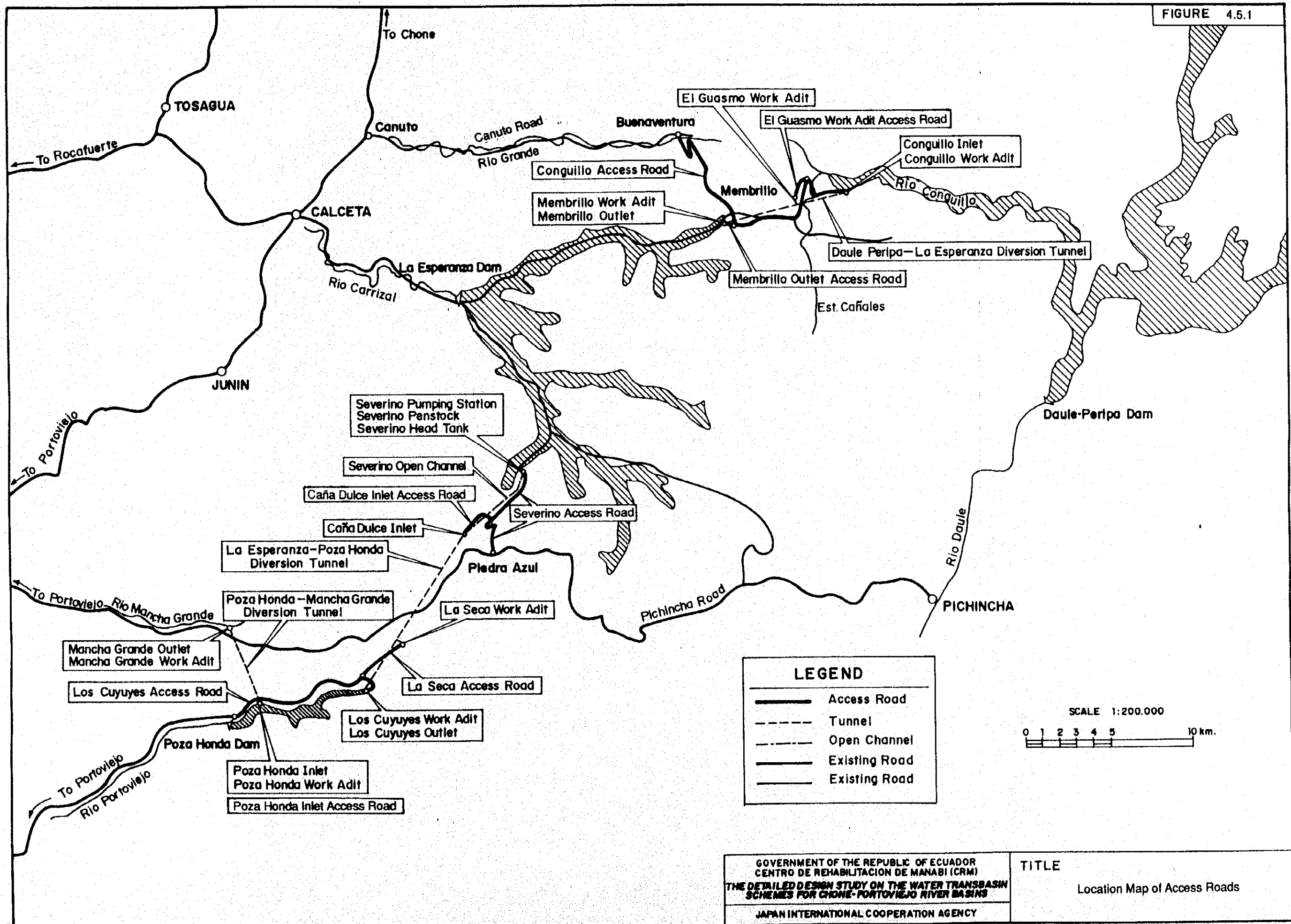


Tunnel Type II : Shotcrete t=100mm, Rockbolt : 1.2m interval  
 Tunnel Type III : Shotcrete t=150mm, Rockbolt : 1.0m interval

GOVERNMENT OF THE REPUBLIC OF ECUADOR  
 CENTRO DE REHABILITACION DE MANABI (CRM)  
 THE DETAILED DESIGN STUDY ON THE WATER TRANSBASIN  
 SCHEMES FOR CHONE-PORTOVIEJO RIVER BASINS  
 JAPAN INTERNATIONAL COOPERATION AGENCY

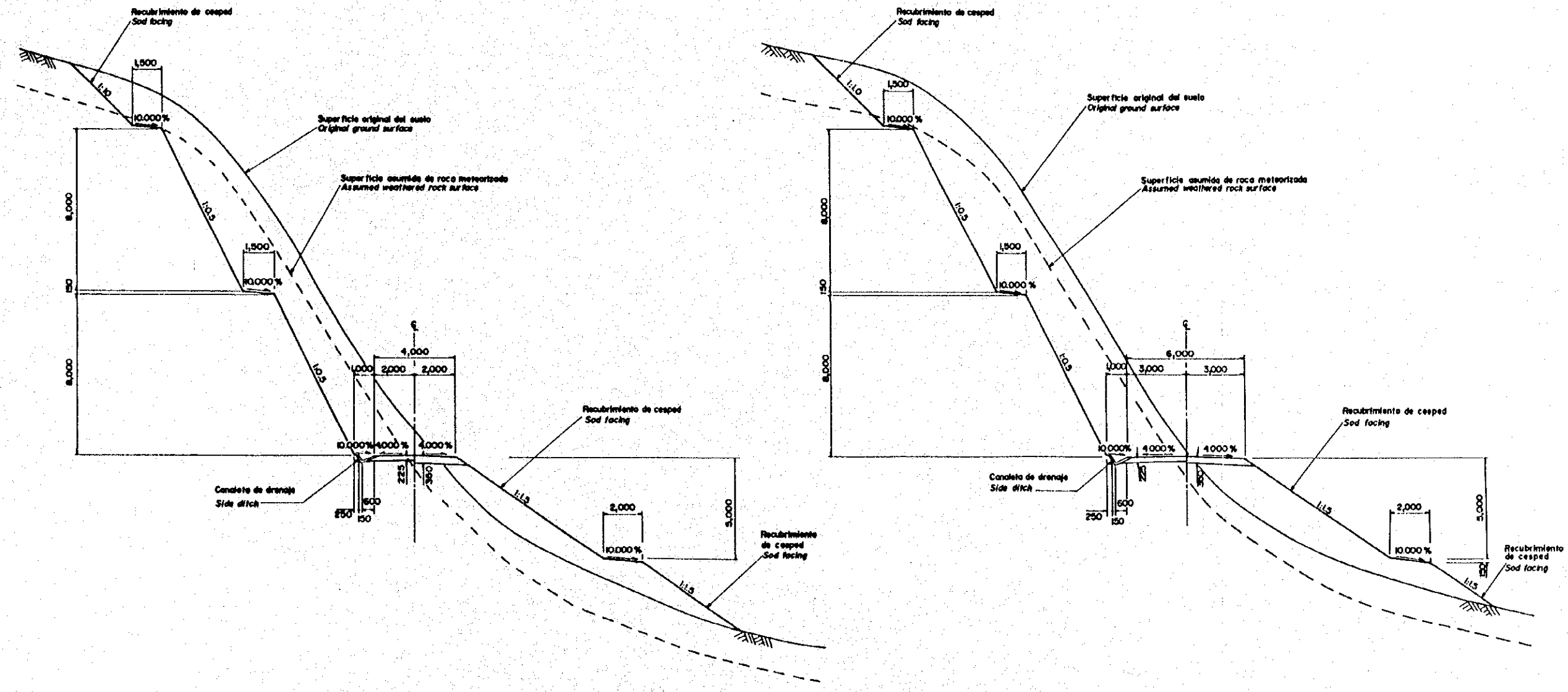
TITLE  
 Determination of Tunnel Types based on  
 the Tunnel Structural Analysis

FIGURE 4.5.1



GOVERNMENT OF THE REPUBLIC OF ECUADOR  
 CENTRO DE REHABILITACION DE MANABI (CRM)  
 THE DETAILED DESIGN STUDY ON THE WATER TRANSBASIN  
 SCHEMES FOR CHONE-PORTOVIJEJO RIVER BASINS  
 JAPAN INTERNATIONAL COOPERATION AGENCY

TITLE  
 Location Map of Access Roads



TEMPORARY ACCESS ROAD  
(El Guasmo and La Seca Access Roads)

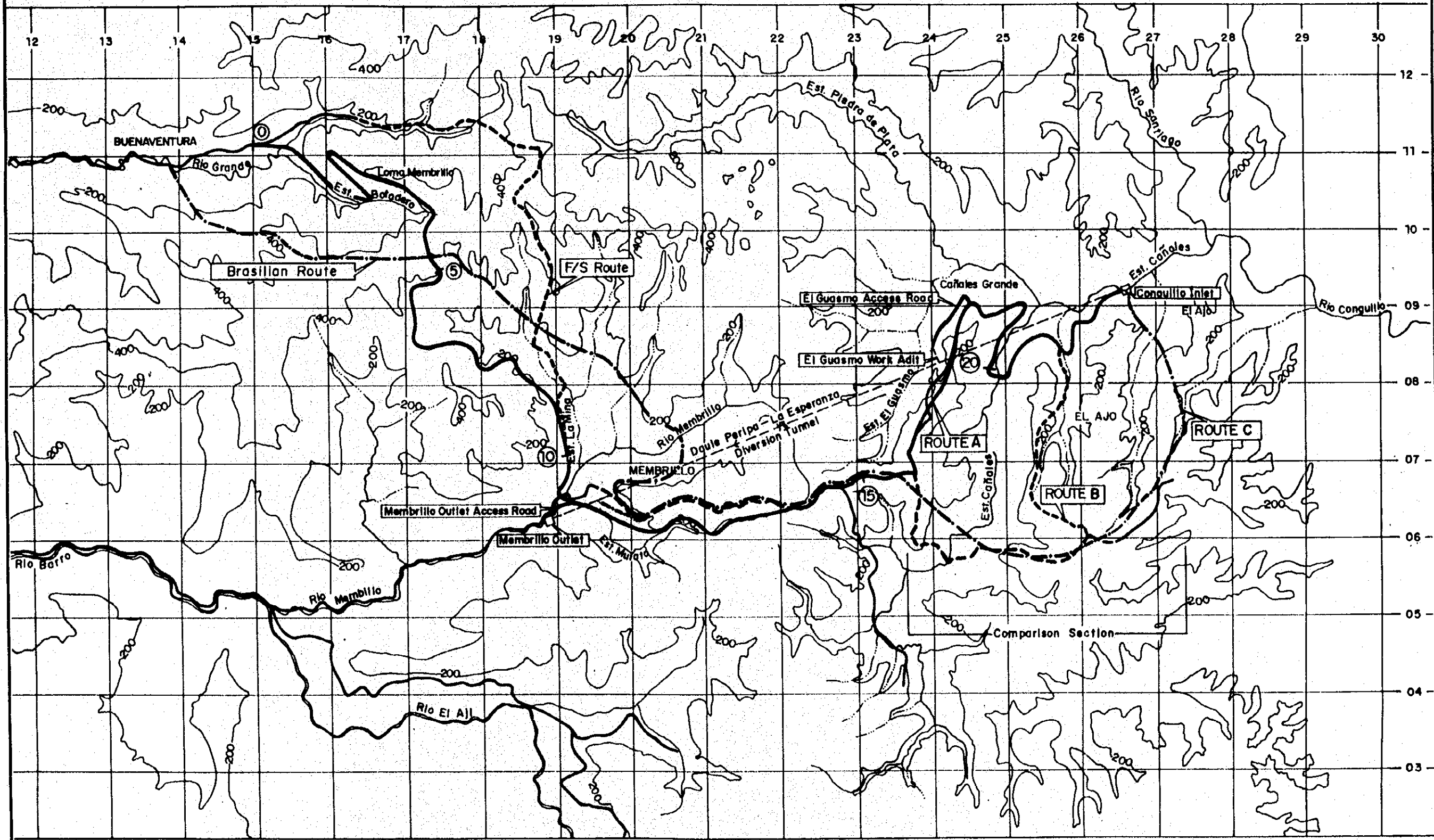
PERMANENT ACCESS ROAD

GOVERNMENT OF THE REPUBLIC OF ECUADOR  
CENTRO DE REHABILITACION DE MANABI ICRM  
THE DETAILED DESIGN STUDY ON THE WATER TRANSFER  
SCHEMES FOR CHONE-PORTOVIEJO RIVER BASINS  
JAPAN INTERNATIONAL COOPERATION AGENCY

TITLE  
TYPICAL CROSS-SECTION  
FOR ACCESS ROAD

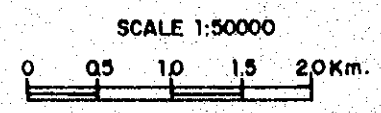


FIGURE 4.5.3



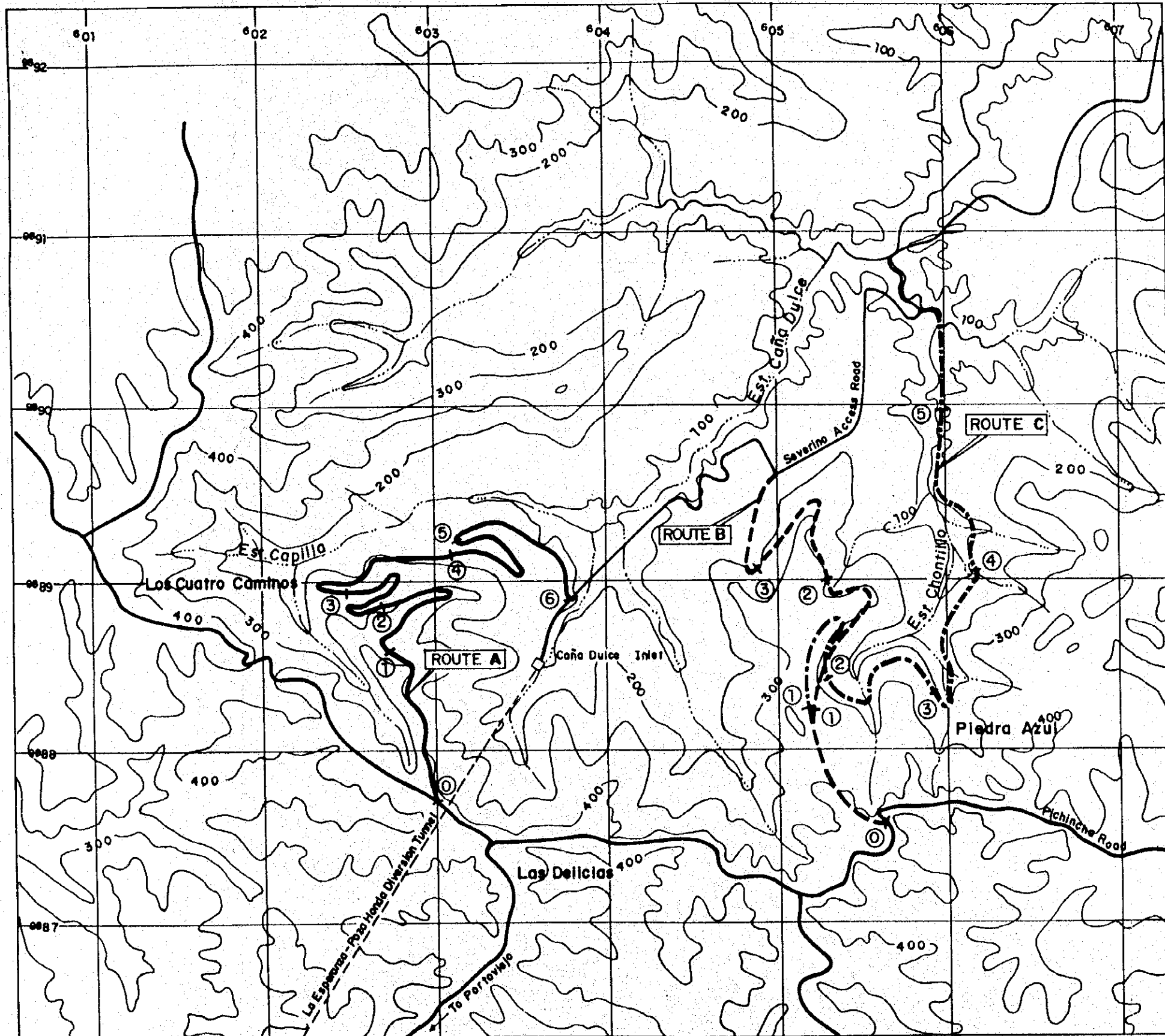
**LEGEND**

- ROUTE A
- - - ROUTE B
- · - · - ROUTE C
- Existing Road



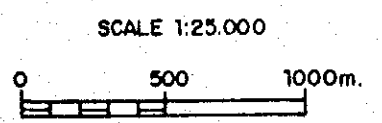
GOVERNMENT OF THE REPUBLIC OF ECUADOR  
 CENTRO DE REHABILITACION DE MANABI (CRM)  
 THE DETAILED DESIGN STUDY ON THE WATER TRANSBASIN  
 SCHEMES FOR CHONE-PORTOVIEJO RIVER BASINS  
 JAPAN INTERNATIONAL COOPERATION AGENCY

TITLE  
 Alternative Routes of  
 Conguillo Access Road



**LEGEND**

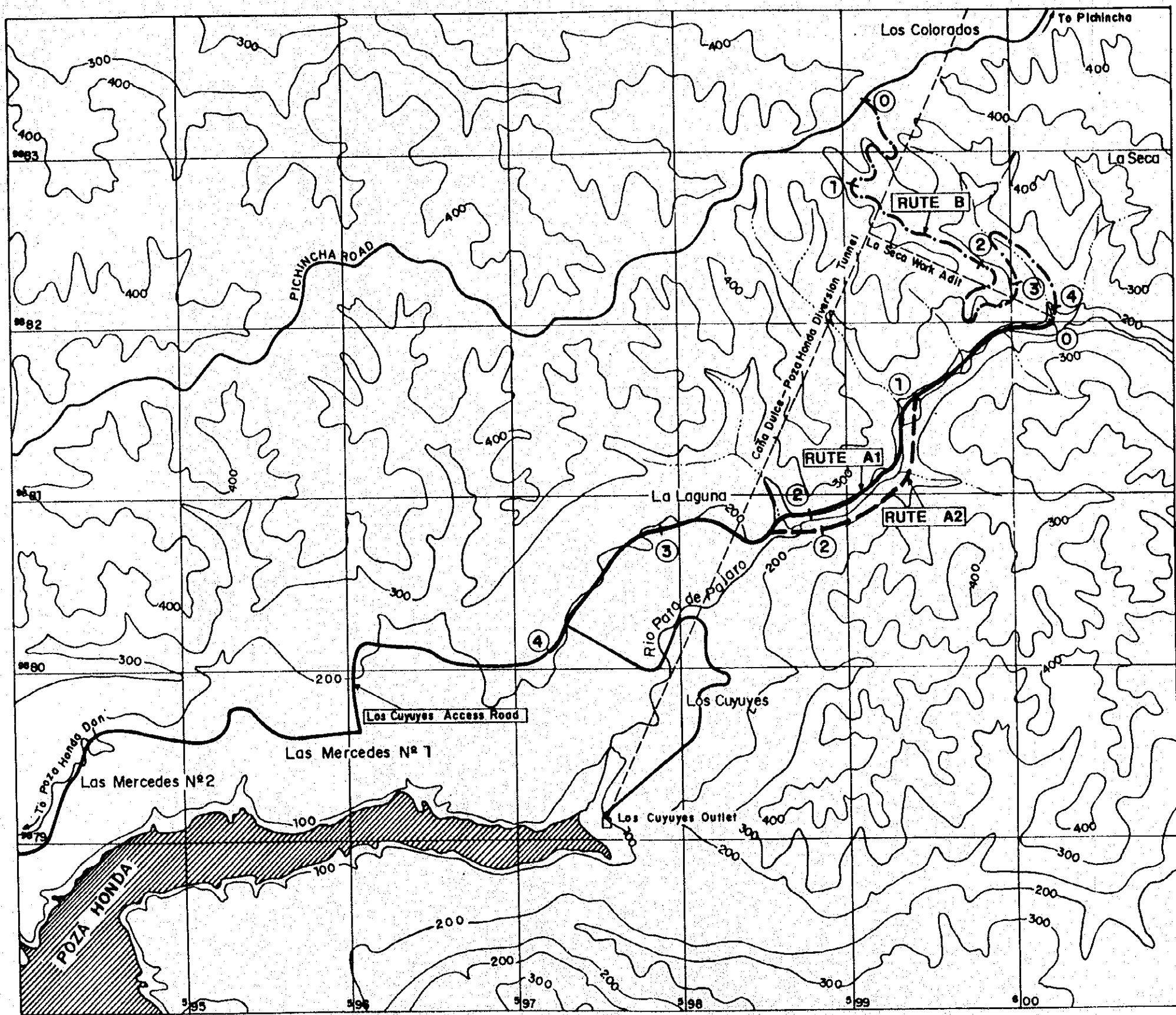
- ROUTE A
- - - ROUTE B
- · - · ROUTE C
- Severino Access Road
- Existing Road



GOVERNMENT OF THE REPUBLIC OF ECUADOR  
 CENTRO DE REHABILITACION DE MANABI (CRM)  
 THE DETAILED DESIGN STUDY ON THE WATER TRANSBASIN  
 SCHEMES FOR CHONE-PORTOVIEJO RIVER BASINS  
 JAPAN INTERNATIONAL COOPERATION AGENCY

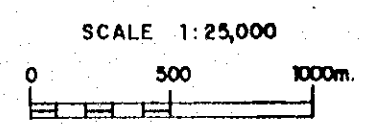
TITLE  
 Alternative Routes of  
 Severino Access Road

FIGURE 4.5.5



**LEGEND**

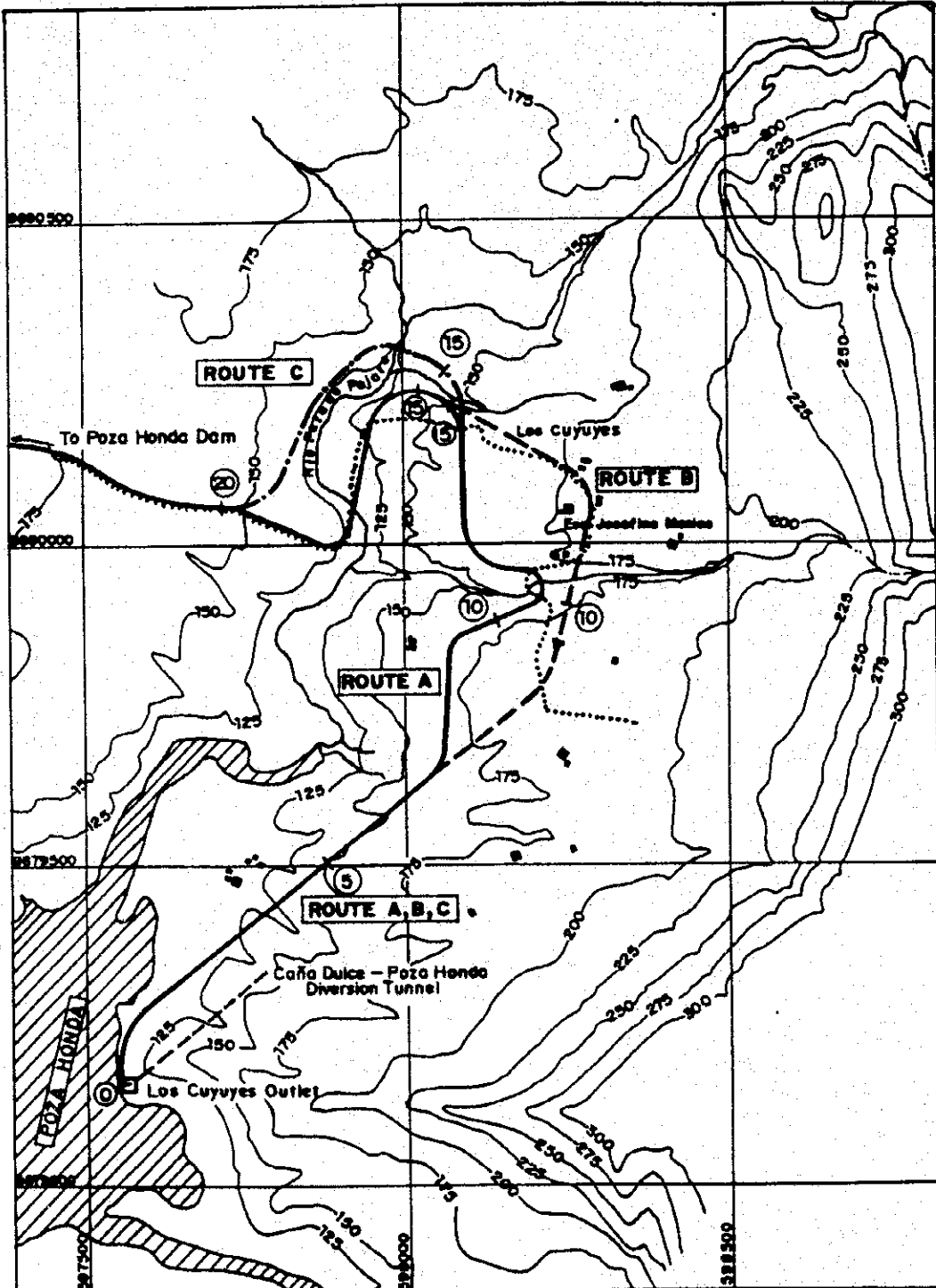
- ROUTE A
- - - ROUTE B
- · - · - ROUTE C
- Los Cuyuyes Access Road
- Existing Road



GOVERNMENT OF THE REPUBLIC OF ECUADOR  
 CENTRO DE REHABILITACION DE MANABI (CRM)  
 THE DETAILED DESIGN STUDY ON THE WATER TRANSBASIN  
 SCHEMES FOR CHONE-PORTOVIEJO RIVER BASINS  
 JAPAN INTERNATIONAL COOPERATION AGENCY

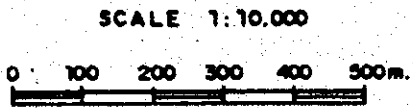
TITLE  
 Alternative Routes of  
 La Seca Access Road

FIGURE 4.5.6



**LEGEND**

—	ROUTE A
- - - - -	ROUTE B
· · · · ·	ROUTE C
- · - · - ·	Existing Road
■	House



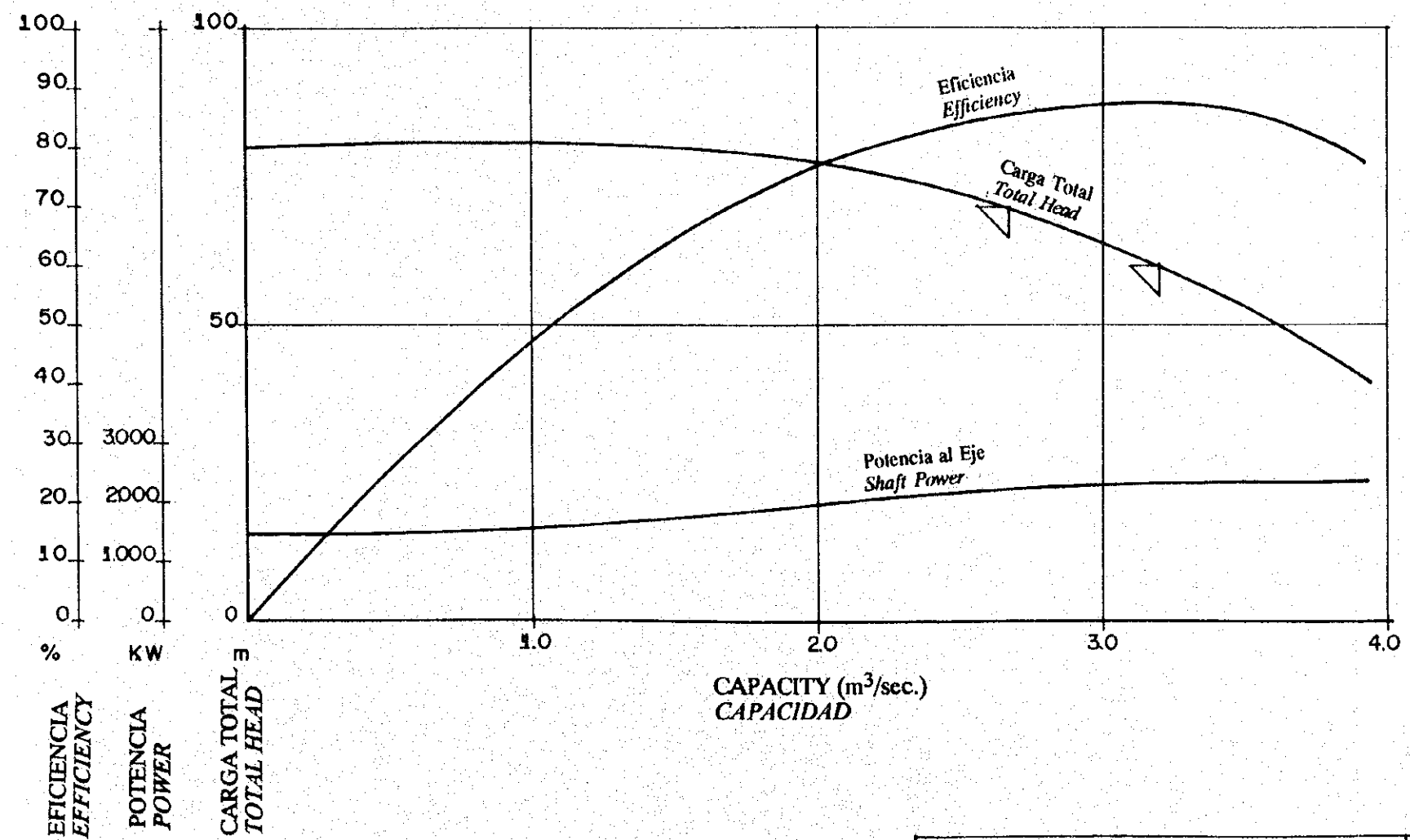
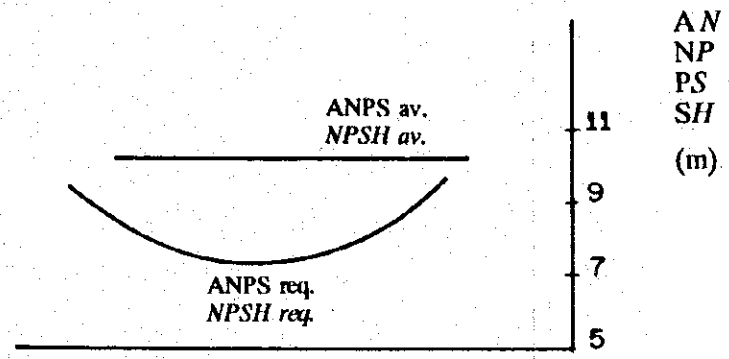
GOVERNMENT OF THE REPUBLIC OF ECUADOR  
 CENTRO DE REHABILITACION DE MANABI (CRM)  
 THE DETAILED DESIGN STUDY ON THE WATER TRANSBASIN  
 SCHEMES FOR CHONE-PORTOVIEJO RIVER BASINS

TITLE  
 Alternative Routes of  
 Los Cuyuyes Access Road

JAPAN INTERNATIONAL COOPERATION AGENCY

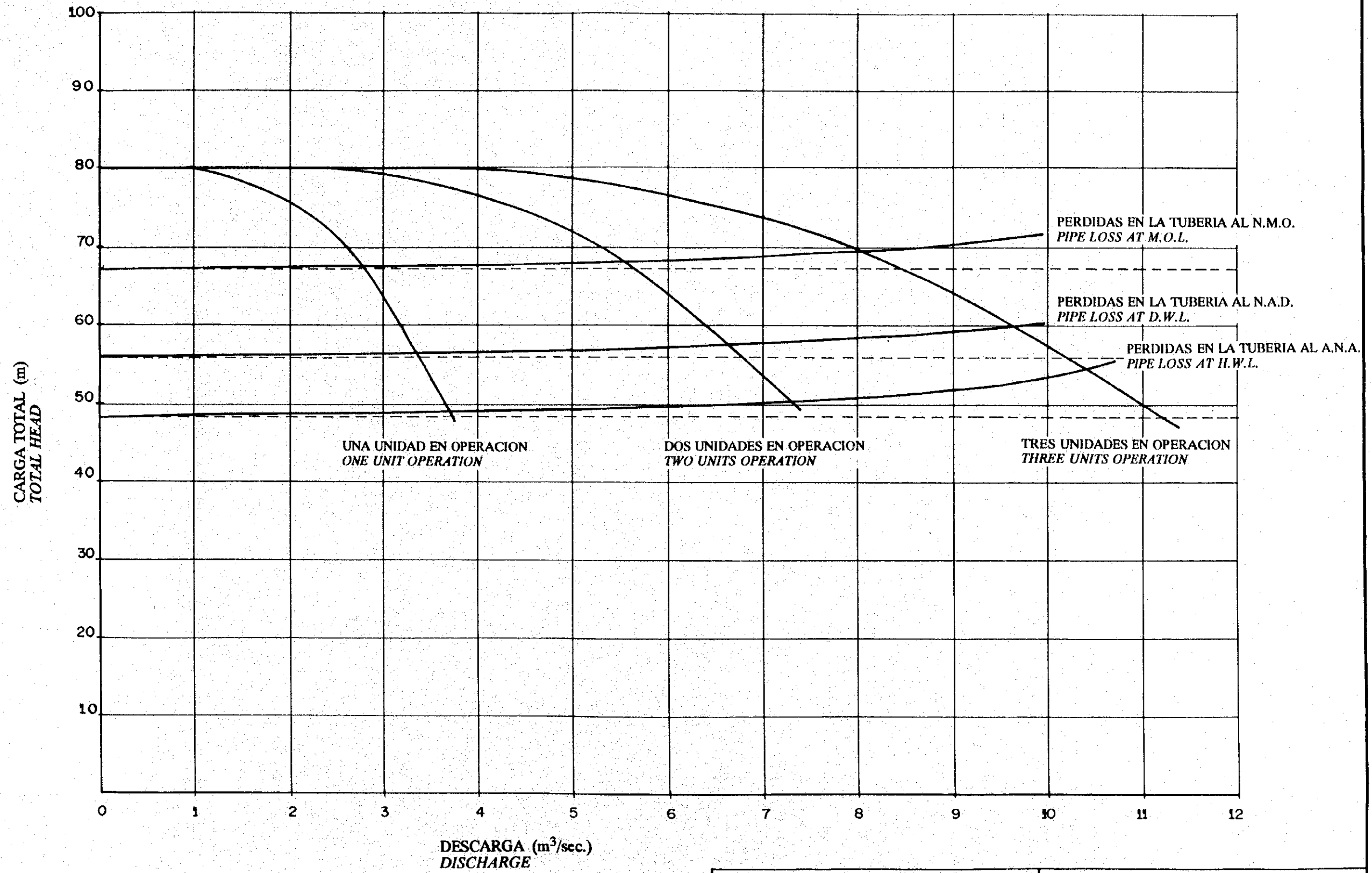


Figure 4.6.1



GOVERNMENT OF THE REPUBLIC OF ECUADOR CENTRO DE REHABILITACION DE MANABI (CRM) THE DETAILED DESIGN STUDY ON THE WATER TRANSBASIN SCHEMES FOR CHONE-PORTOVIEJO RIVER BASINS	<b>TITLE</b> CURVAS CARACTERISTICAS ESPERADAS DE LA BOMBA EXPECTED CHARACTERISTIC CURVE OF THE PUMP
JAPAN INTERNATIONAL COOPERATION AGENCY	

Figure 4.6.2

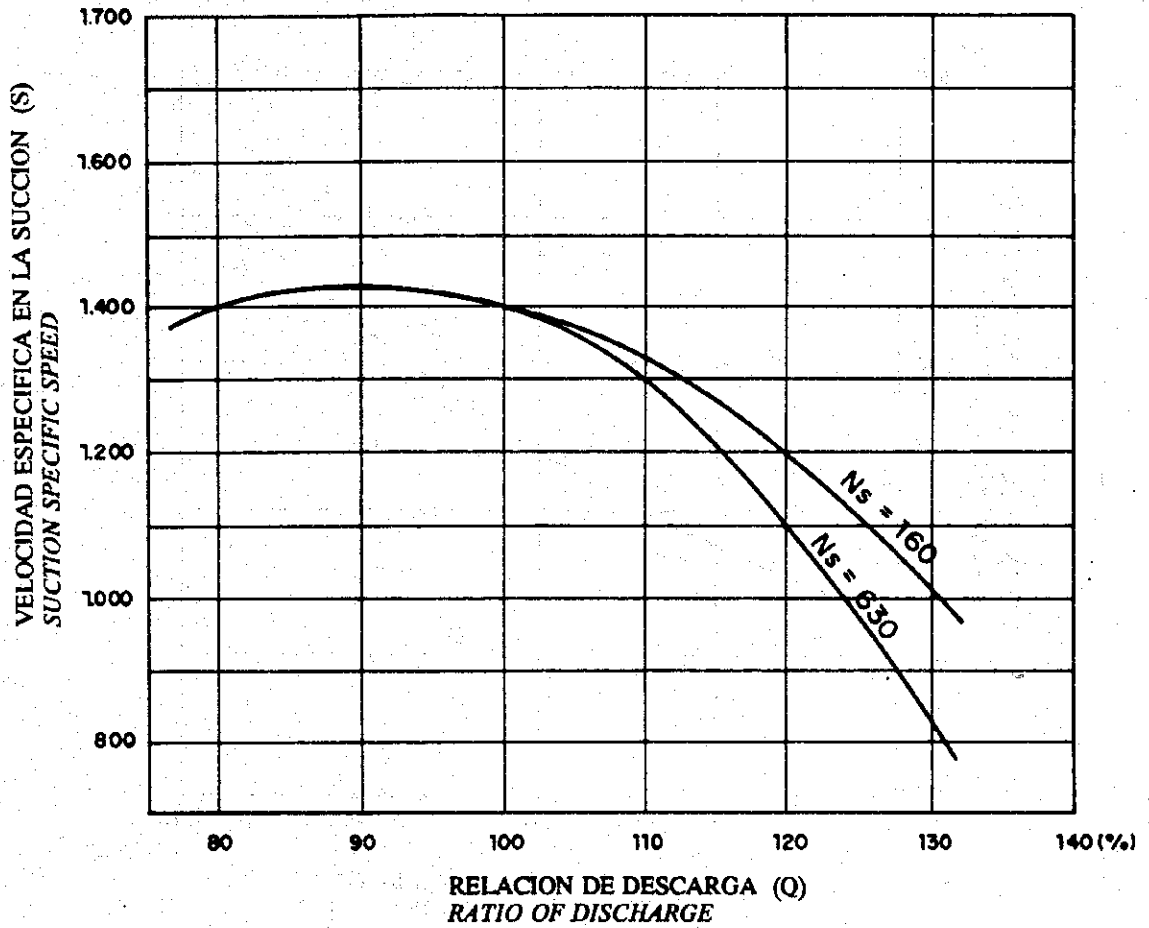


<p>GOVERNMENT OF THE REPUBLIC OF ECUADOR          CENTRO DE REHABILITACION DE MANABI (CRM)          THE DETAILED DESIGN STUDY ON THE WATER TRANSBASIN          SCHEMES FOR CHONE-PORTOVIJEJO RIVER BASINS</p>	<p><b>TITLE</b>          CURVA DEL SISTEMA DE DESCARGA DE CARGA          SYSTEM HEAD-DISCHARGE CURVE</p>
<p>JAPAN INTERNATIONAL COOPERATION AGENCY</p>	





Figure 4.6.3

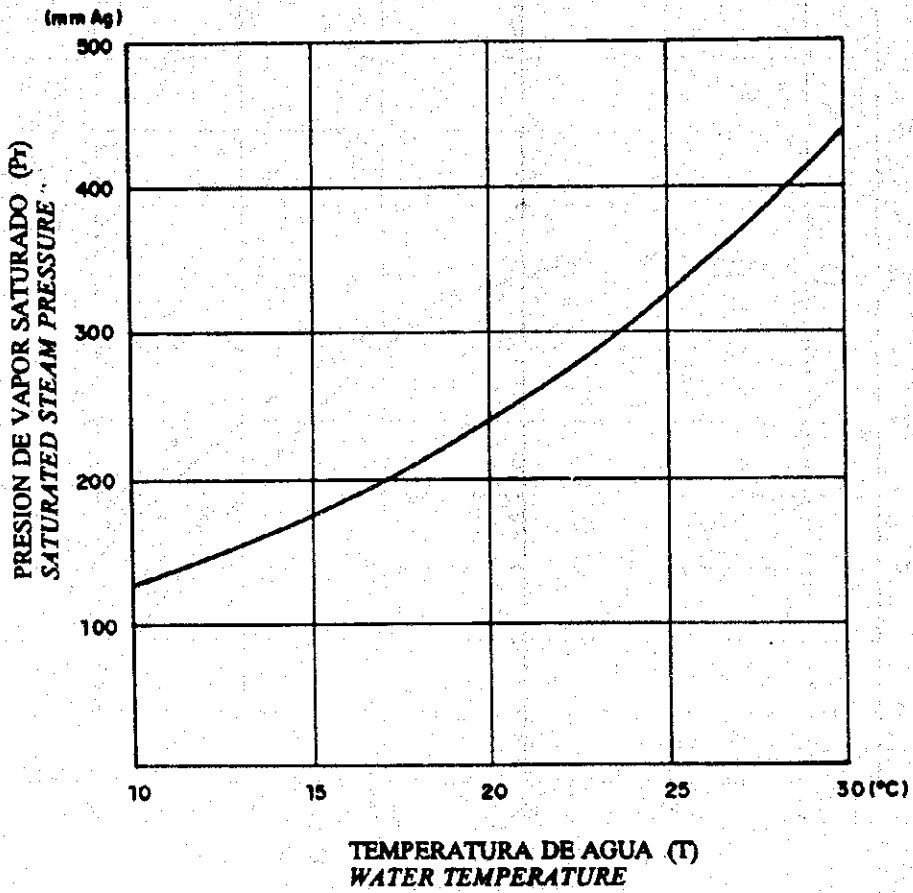


GOVERNMENT OF THE REPUBLIC OF ECUADOR  
 CENTRO DE REHABILITACION DE MANABI (CRM)  
 THE DETAILED DESIGN STUDY ON THE WATER TRANSBASIN  
 SCHEMES FOR CHONE-FORTOVIEJO RIVER BASINS

JAPAN INTERNATIONAL COOPERATION AGENCY

TITLE  
 VELOCIDAD ESPECIFICA EN LA SUCCION  
 ( $N_s$  160 ~ 630)  
 SUCTION SPECIFIC SPEED  
 ( $N_s$  160 ~ 630)

Figure 4.6.4

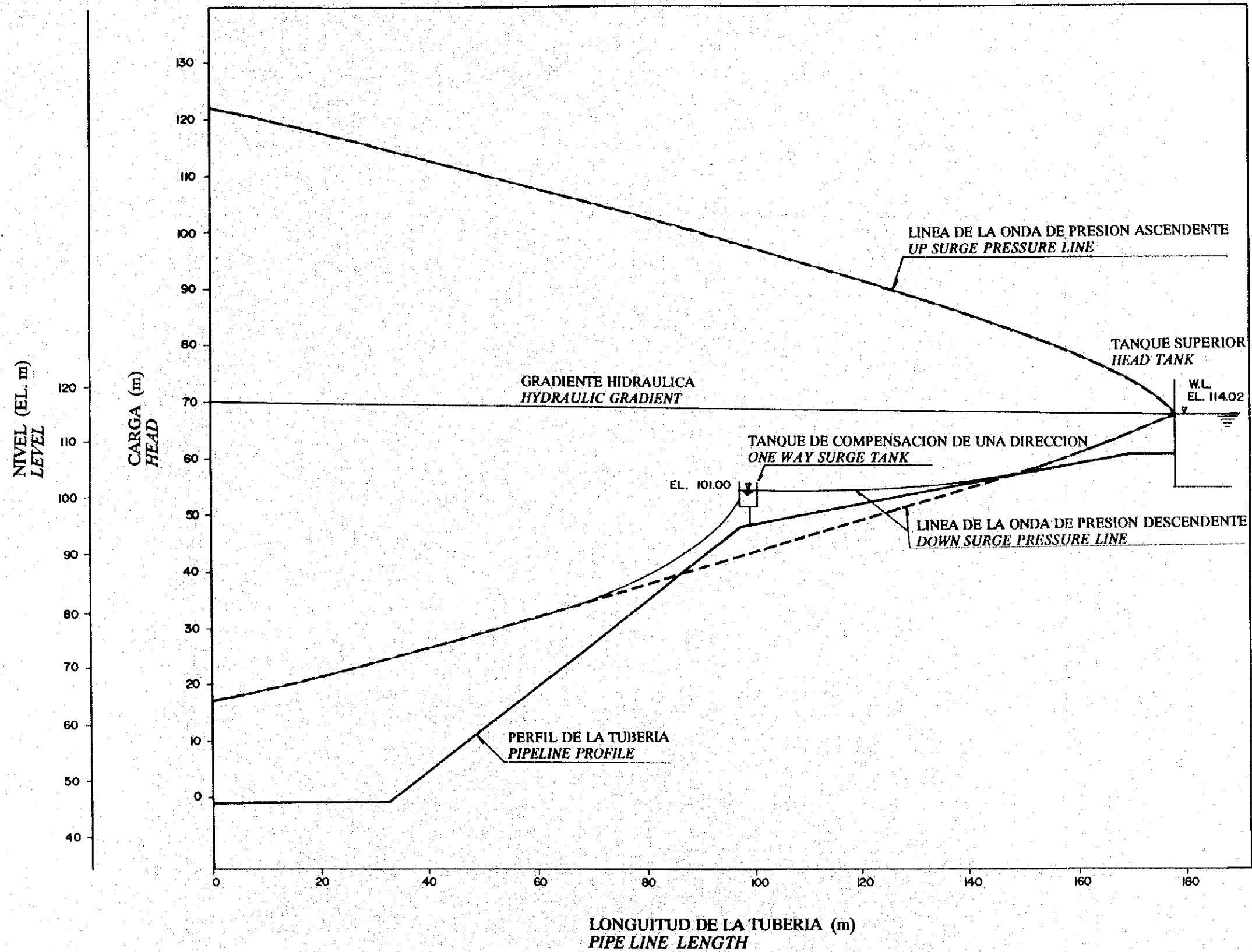


GOVERNMENT OF THE REPUBLIC OF ECUADOR  
CENTRO DE REHABILITACION DE MANABI (CRM)  
THE DETAILED DESIGN STUDY ON THE WATER TRANSBASIN  
SCHEMES FOR CHONE-PORTOVIEJO RIVER BASINS  
JAPAN INTERNATIONAL COOPERATION AGENCY

TITLE  
CURVA DE PRESION DE VAPOR SATURADO  
SATURATED STEAM PRESSURE CURVE



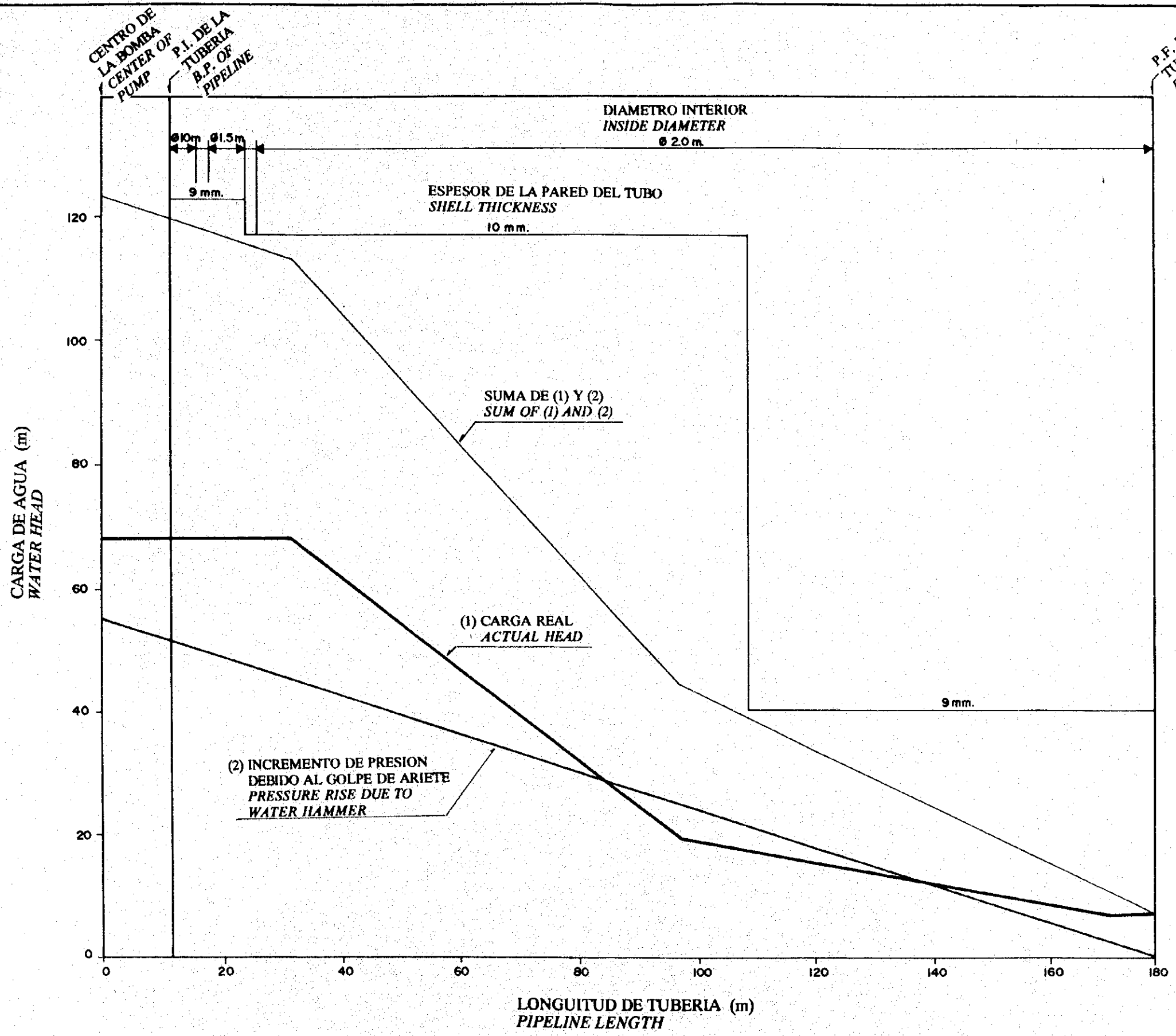
Figure 4.6.5



GOVERNMENT OF THE REPUBLIC OF ECUADOR  
 CENTRO DE REHABILITACION DE MANABI (CRM)  
 THE DETAILED DESIGN STUDY ON THE WATER TRANSBASIN  
 SCHEMES FOR CHONE-PORTOVIEJO RIVER BASINS  
 JAPAN INTERNATIONAL COOPERATION AGENCY

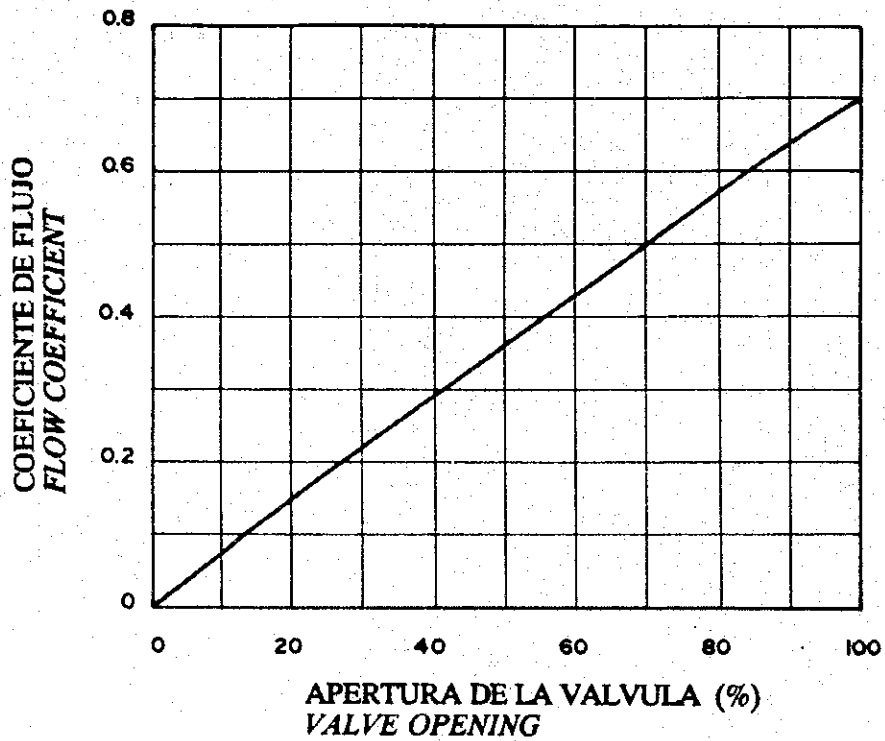
TITLE  
 DIAGRAMA DE CARGAS DE AGUA  
 WATER HEAD DIAGRAM

Figure 4.6.6



<p>GOVERNMENT OF THE REPUBLIC OF ECUADOR CENTRO DE REHABILITACION DE MANABI (CRM) THE DETAILED DESIGN STUDY ON THE WATER TRANSBASIN SCHEMES FOR CHONE-PORTOVIEJO RIVER BASINS</p>	<p>TITLE DIAGRAMA DE ESPESORES DE PARED DE TUBERIA PIPE SHELL THICKNESS DIAGRAM</p>
<p>JAPAN INTERNATIONAL COOPERATION AGENCY</p>	

Figure 4.6.7

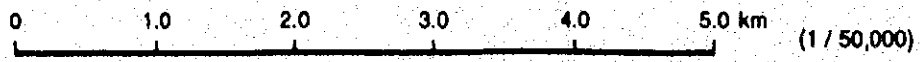
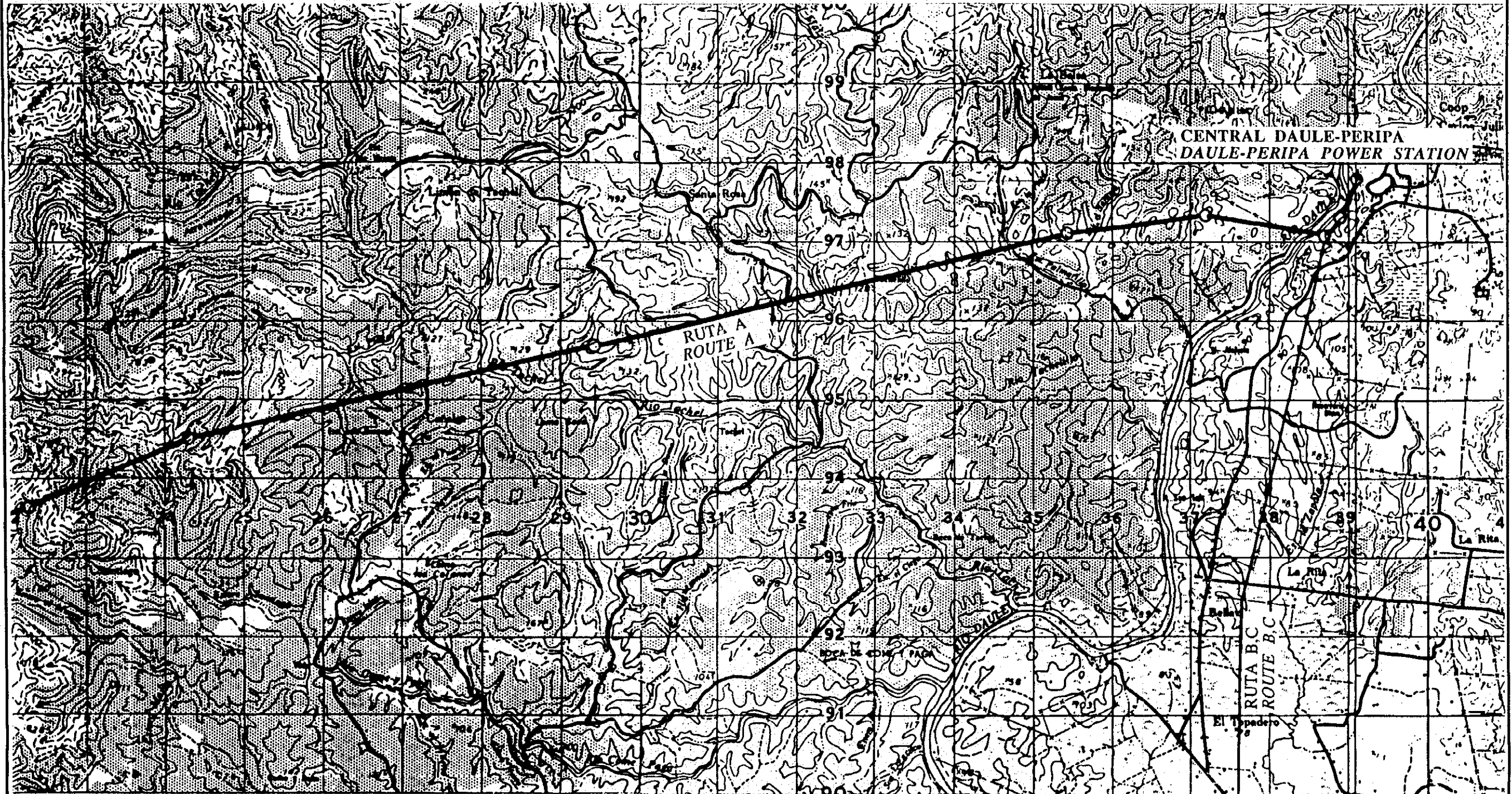


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THE DETAILED DESIGN STUDY ON THE WATER TRANSFER  
SCHEMES FOR CHONE-PORTOVIEJO RIVER BASINS  
JAPAN INTERNATIONAL COOPERATION AGENCY

TITLE  
COEFICIENTE DE FLUJO DE LA VALVULA  
DE CAMISA CONICA  
CONE SLEEVE VALVE FLOW COEFFICIENT



FIGURE 4.6.8 (1/4)

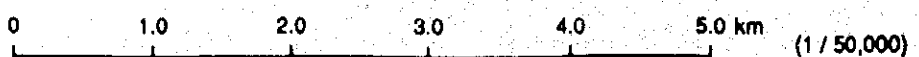
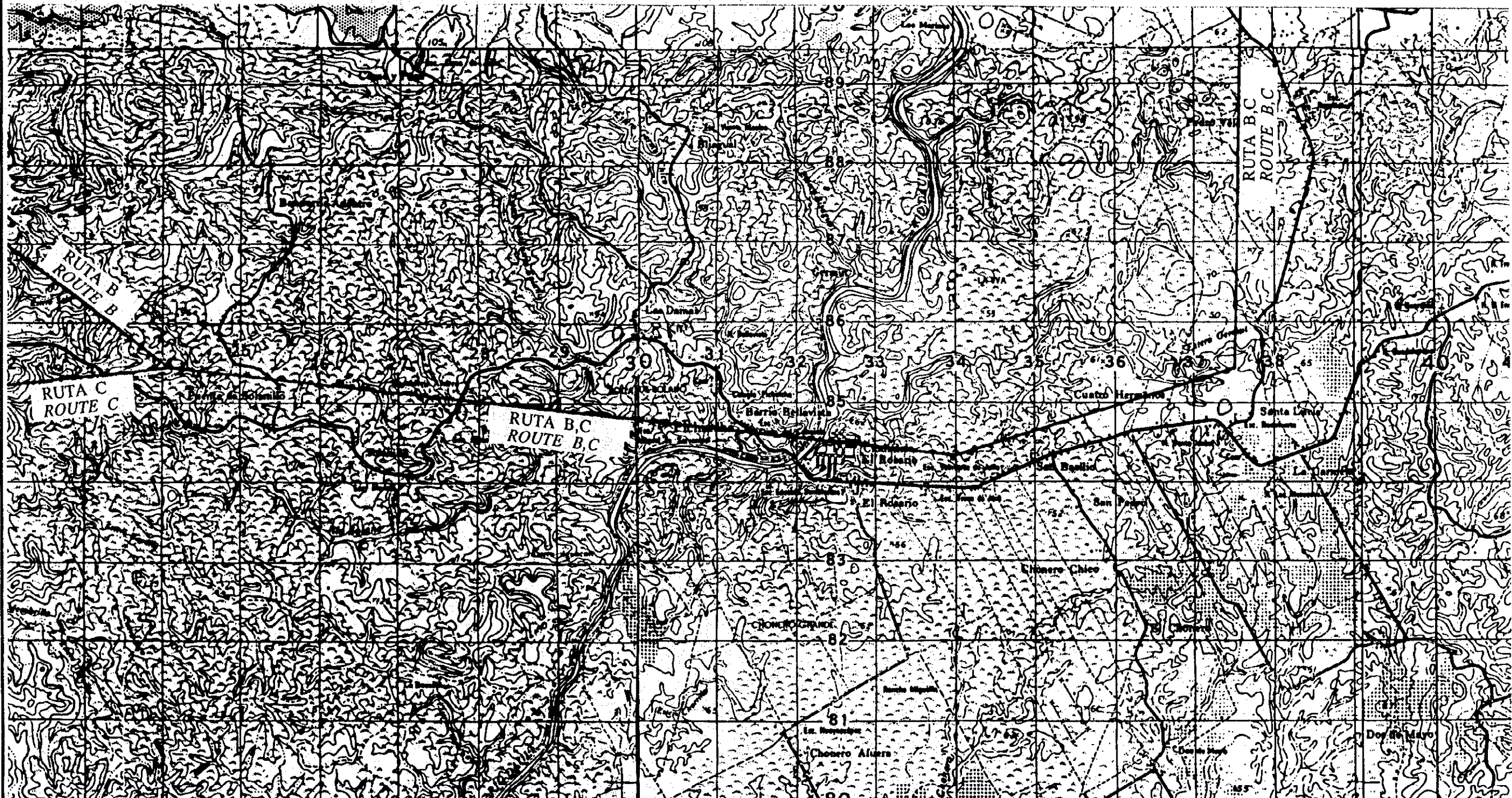


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 JAPAN INTERNATIONAL COOPERATION AGENCY

TITLE  
 MAPA DE SELECCION DE RUTA  
 MAP FOR ROUTE SELECTION



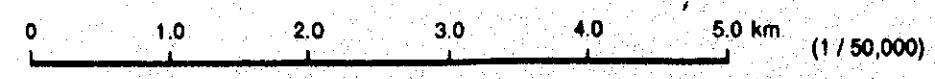
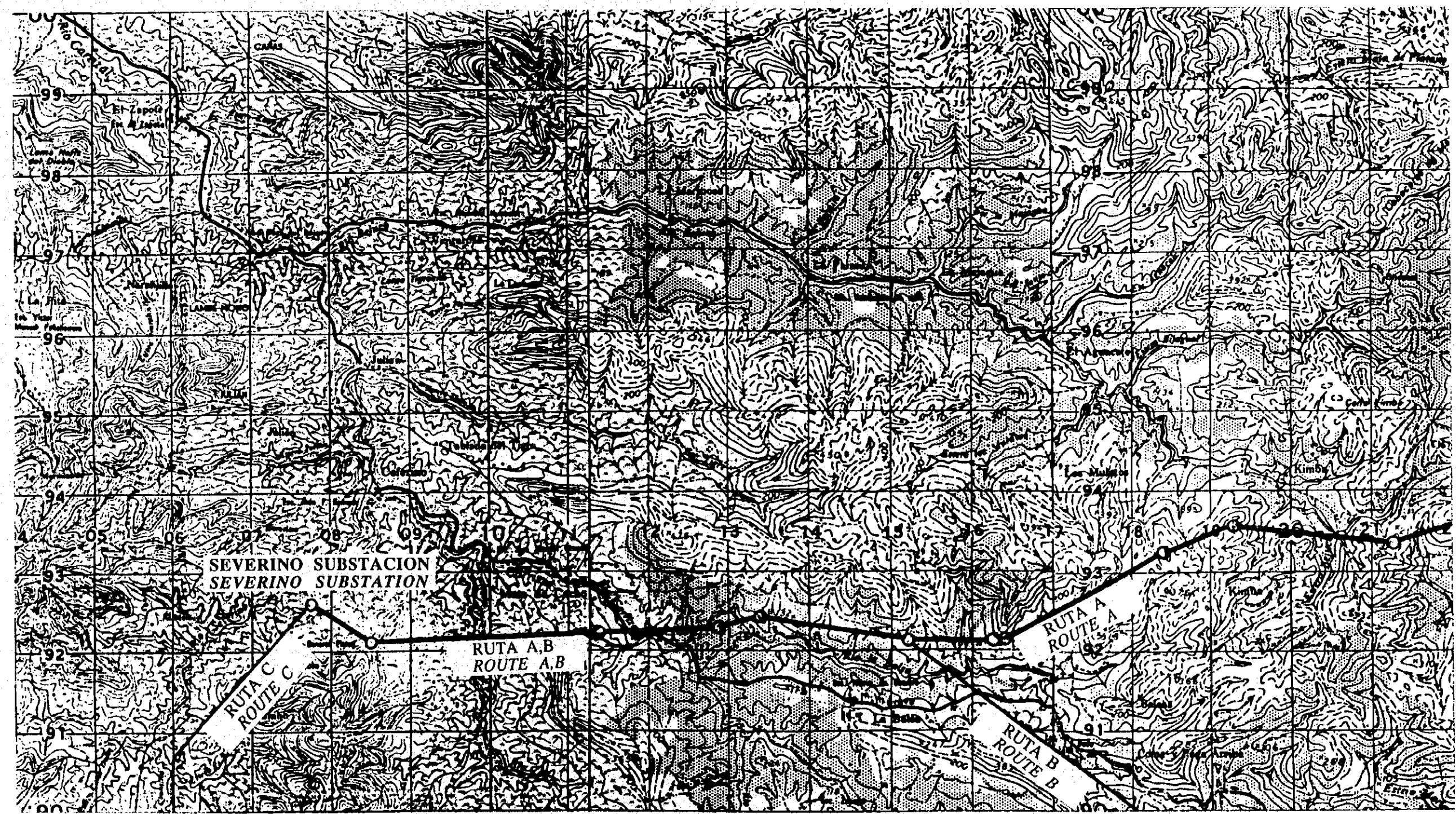
FIGURE 4.6.8 (2/4)



GOVERNMENT OF THE REPUBLIC OF ECUADOR  
 CENTRO DE REHABILITACION DE MANABI (CRM)  
 THE DETAILED DESIGN STUDY ON THE WATER TRANSBASIN  
 SCHEMES FOR CHONE-PORTOVIEJO RIVER BASINS  
 JAPAN INTERNATIONAL COOPERATION AGENCY

TITLE  
 MAPA DE SELECCION DE RUTA  
 MAP FOR ROUTE SELECTION

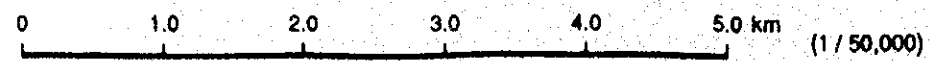
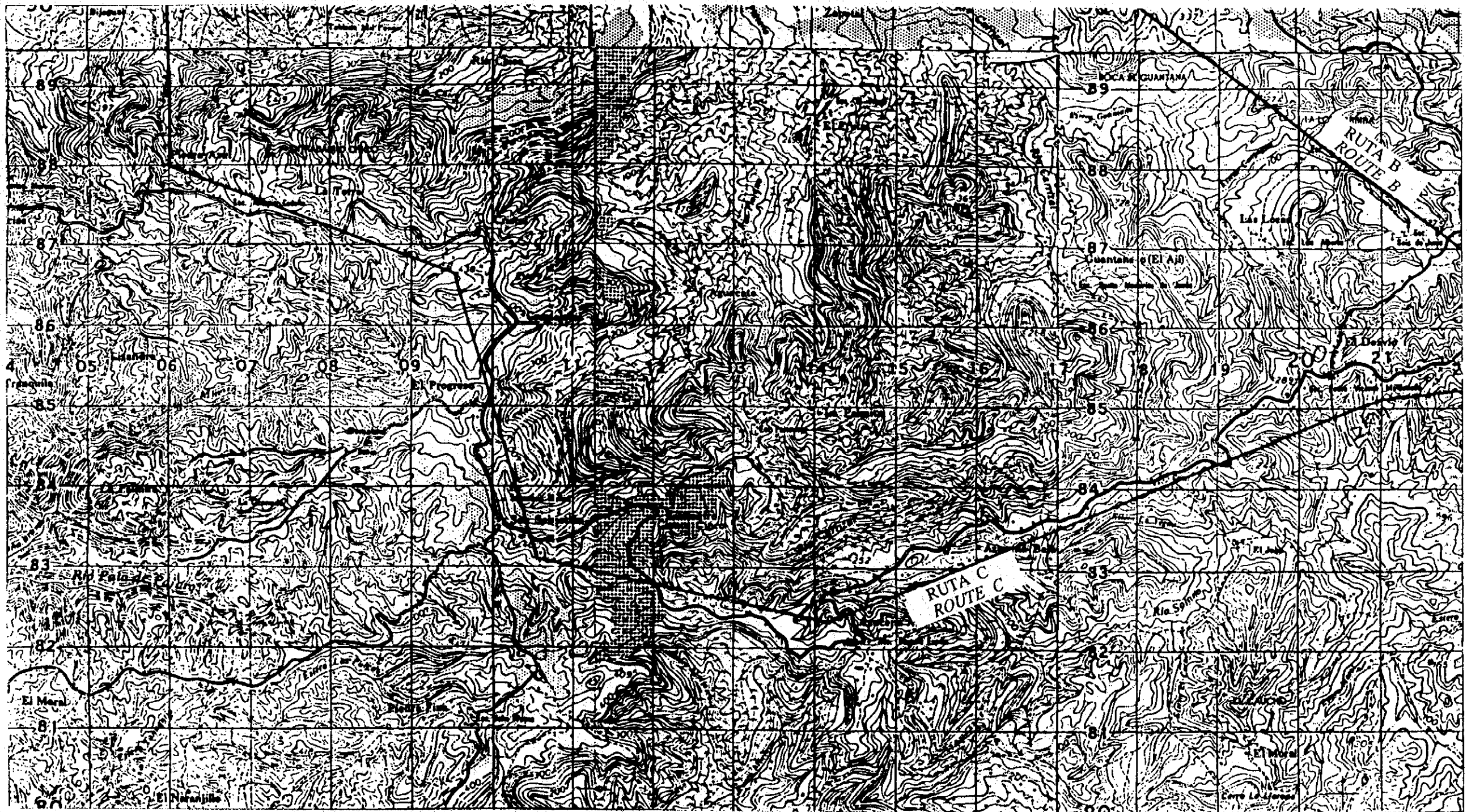
FIGURE 4.6.8 (3/4)



GOVERNMENT OF THE REPUBLIC OF ECUADOR  
 CENTRO DE REHABILITACION DE MANABI (CRM)  
 THE DETAILED DESIGN STUDY ON THE WATER TRANSBASIN  
 SCHEMES FOR CHONE-PORTOVIEJO RIVER BASINS  
 JAPAN INTERNATIONAL COOPERATION AGENCY

TITLE  
 MAPA DE SELECCION DE RUTA  
 MAP FOR ROUTE SELECTION

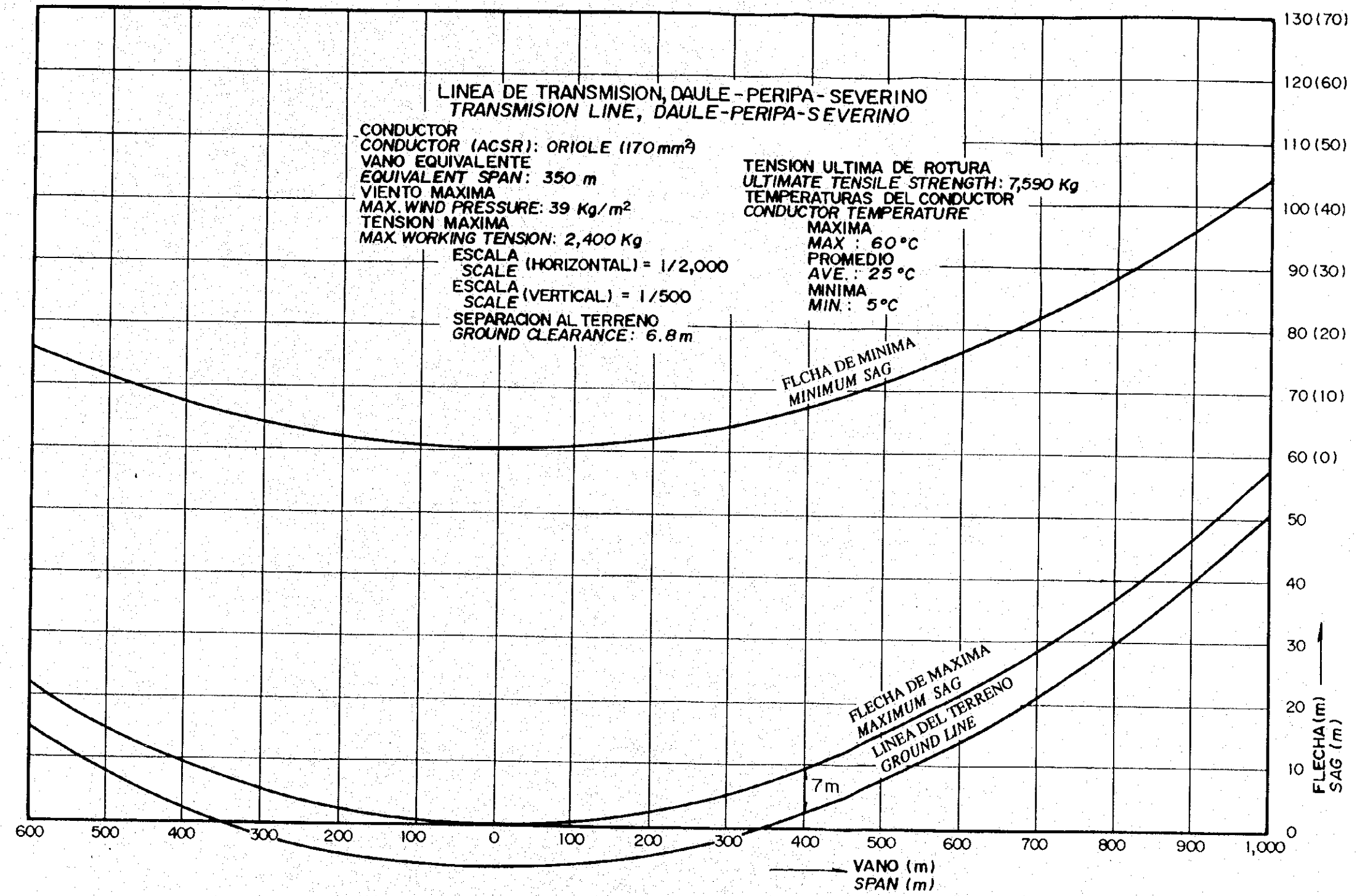
FIGURE 4.6.8 (4/4)



GOVERNMENT OF THE REPUBLIC OF ECUADOR  
CENTRO DE REHABILITACION DE MANABI (CRM)  
THE DETAILED DESIGN STUDY ON THE WATER TRANSBASIN  
SCHEMES FOR CHONE-PORTOVIEJO RIVER BASINS  
JAPAN INTERNATIONAL COOPERATION AGENCY

TITLE  
MAPA DE SELECCION DE RUTA  
MAP FOR ROUTE SELECTION

FIGURE 4.6.9

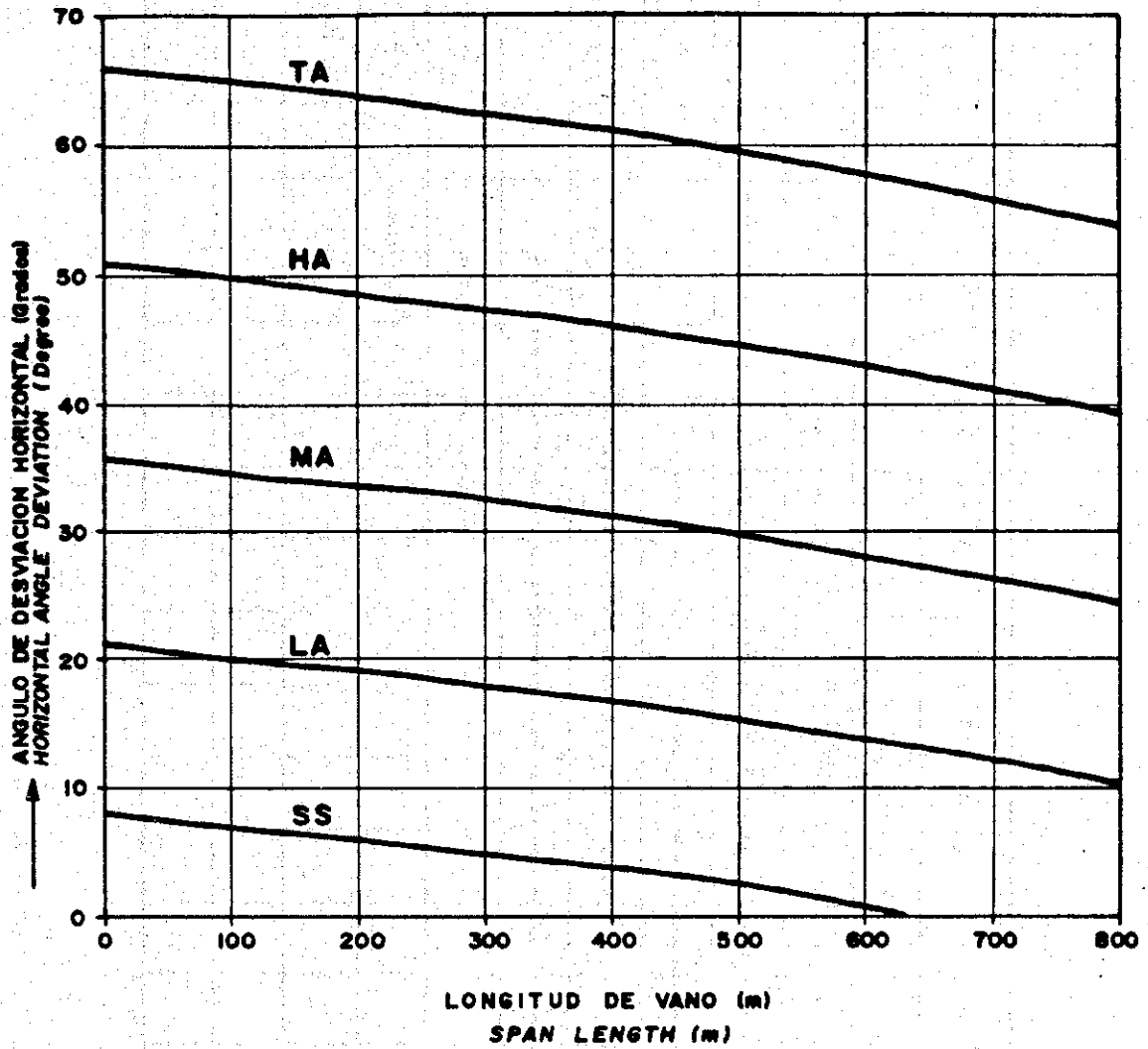


GOVERNMENT OF THE REPUBLIC OF ECUADOR  
 CENTRO DE REHABILITACION DE MANABI (CRM)  
 THE DETAILED DESIGN STUDY ON THE WATER TRANSBASIN  
 SCHEMES FOR CHONE-PORTOVIEJO RIVER BASINS  
 JAPAN INTERNATIONAL COOPERATION AGENCY

TITLE  
**PLANTILLA DE FLECHAS**  
**SAG EQUIVALENT TEMPLATE**



FIGURE 4.6.10



TIPO DE TORRE TOWER TYPE	SS	LA	MA	HA	TA
VANO VIENTO (m) WIND SPAN (m)	500	500	450	450	450
ANGULO (Grados) SPECIFIED ANGLE (Degree)	20	15	30	45	60
TENSION MAXIMA DE TRABAJO (Kg) MAX. WORKING TENSION (Kg)					
ACSR ORIOLE ACSR ORIOLE	2,400	2,400	2,400	2,400	2,400
CABLE DE ACERO 55 mm <sup>2</sup> GSW 55 mm <sup>2</sup>	1,750	1,750	1,750	1,750	1,750
PRESION DE VIENTO (Kg/m <sup>2</sup> ) WIND PRESSURE ON WIRE (Kg/m <sup>2</sup> )	39	39	39	39	39

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JAPAN INTERNATIONAL COOPERATION AGENCY

TITLE  
DIAGRAMA ANGULO - VANO  
ANGLE SPAN CHART

FIGURE 4.6.11

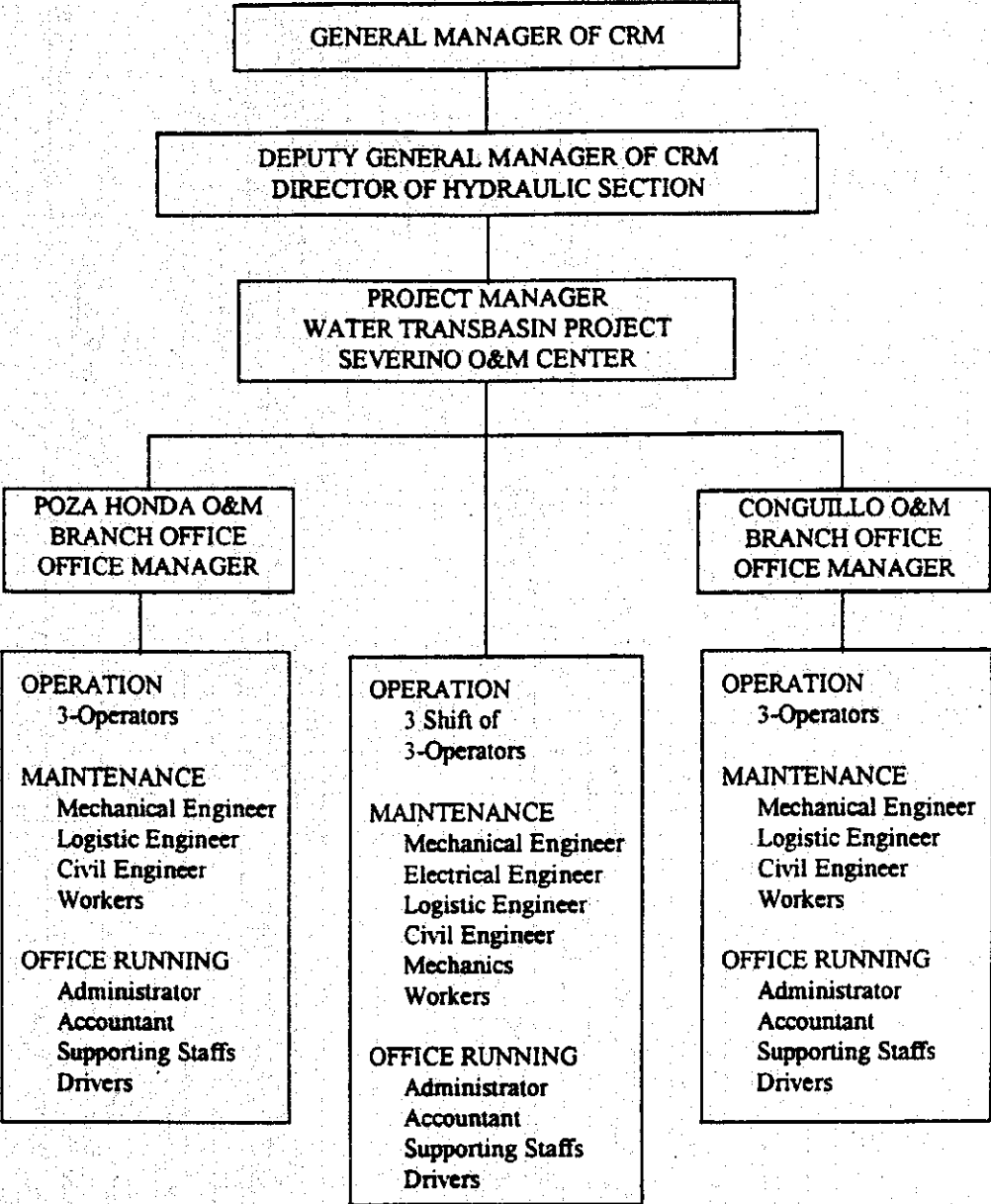
MESES / MONTH	ITEM DE TRABAJO / WORKITEM	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	OBSERVACION / REMARKS
	VERIFICACION DE LA TOPOGRAFIA / CHECK SURVEY																		
	CAMINOS DE ACCESO / ACCESS ROAD				PROGRAMACION / CONSTRUCTION														GRUPO / GROUP
	DESBROCE / TREE CUTTING		DESBROCE / CUTTING																GRUPOS / GROUPS
	FUNDACION / FOUNDATION																		GRUPOS / GROUPS
	ARMADO DE TORRES / TOWER ASSEMBLING																		GRUPOS / GROUPS
	TRANSPORTE / TRANSPORTATION																		
	TRAZADO Y REGULACION DE CONDUCCIONES / LAYING & STRIKING																		GRUPOS / GROUPS
	INSPECCION / INSPECTION																		

GOVERNMENT OF THE REPUBLIC OF ECUADOR  
 CENTRO DE REHABILITACION DE MANABI (CRM)  
 THE DETAILED DESIGN STUDY ON THE WATER TRANSMISSION  
 SCHEMES FOR CHONE-PORTOVIEJO RIVER BASINS

TITLE  
**PROGRAMACION DE MONTAJE  
 WORK SCHEDULE**

JAPAN INTERNATIONAL COOPERATION AGENCY

FIGURE 4.7.1



GOVERNMENT OF THE REPUBLIC OF ECUADOR  
CENTRO DE REHABILITACION DE MANABI (CRM)  
THE DETAILED DESIGN STUDY ON THE WATER TRANSBASIN  
SCHEMES FOR CHONE-PORTOVIEJO RIVER BASINS  
JAPAN INTERNATIONAL COOPERATION AGENCY

TITLE  
**PROJECT ORGANIZATION FOR  
OPERATION AND MAINTENANCE**