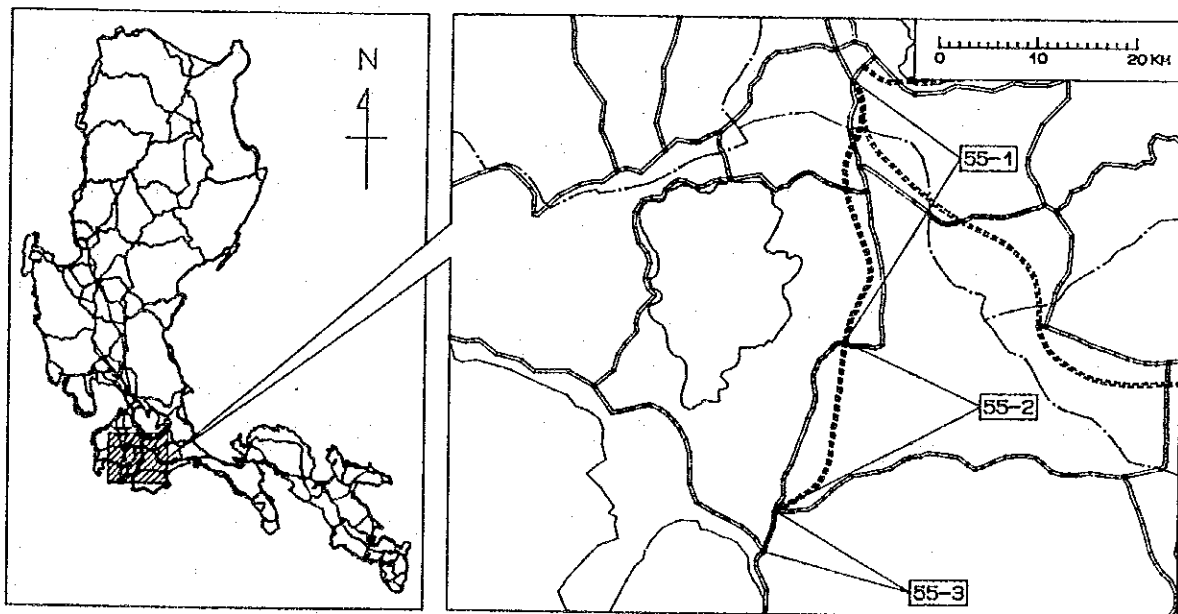


PROJECT PROFILE

Project Number: 55

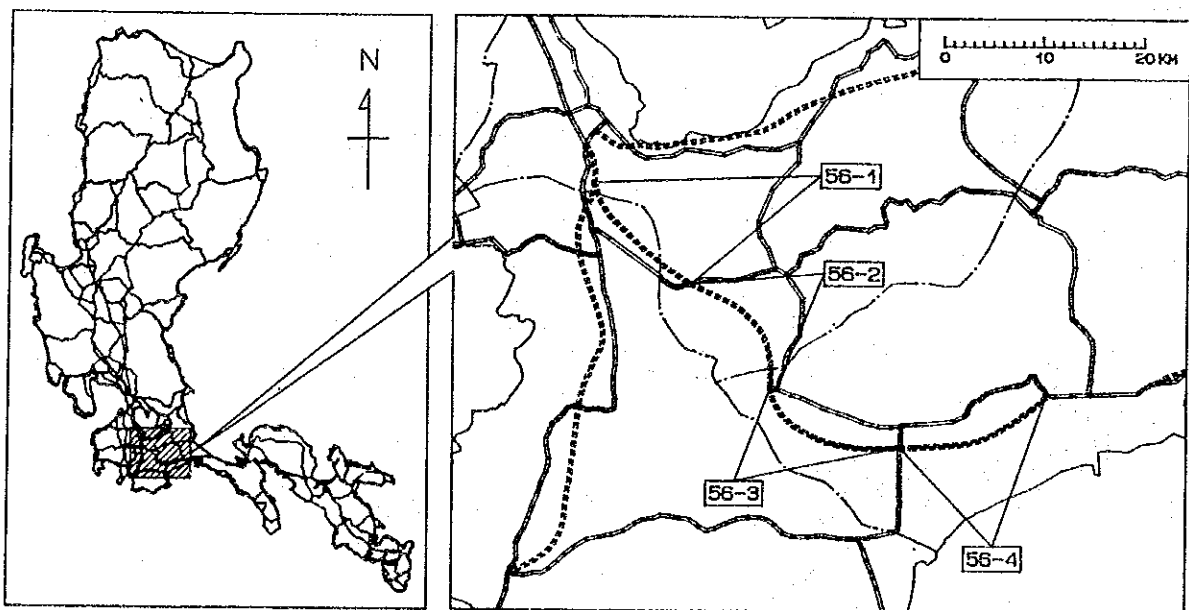
Name		South Luzon Expressway Extension, Batangas Line						Province: Laguna Batangas	
Existing Road Condition		Segment 1,2: Proposed alignment passes through suburbs of Calamba, St. Tomas and Lipa City. Terrain condition is generally flat. Segment 3 : Existing 2-lane road is paved by AC and PCC in good condition.						Population Coverage (1990): 1,113,649	
Objective		<ul style="list-style-type: none"> • Provide direct and fast access between Batangas and NCR • Alleviate traffic congestion and the area • Promote inter-provincial development in CALABARZON 							
Segment		55-1		55-2		55-3		Total	
Location		Calamba Tambo		Tambo Alangilan		Alangilan Batangas			
Length (km)		27.9		19.8		3.3		51.0	
Traffic Volume		Year		1992		2010			
		Car		-		16,231		-	
		Jeepney		-		3,094		-	
		Bus		-		1,540		-	
		Truck		-		2,224		-	
		Total		-		23,089		-	
Work Item:									
Const. of 4 Lane Expway. (km)		27.9		19.8		-		47.7	
Widen to 4-Lane Road. (km)		-		-		3.3		3.3	
Cost: (P million)									
Right-of-Way		58.6		41.5		7.3		107.4	
Construction		1,740.4		1,102.5		51.3		2,894.2	
Engineering		208.9		132.3		6.2		347.4	
Total		2,007.9		1,276.3		64.8		3,349.0	
Implementation Schedule		from to		1993 1995		1993 1995		1993 1995	
Economic Return		IRR = 15.7%		B/C = 1.06				NPV = P130.6 M	
Remarks:									



PROJECT PROFILE

Project Number: 56

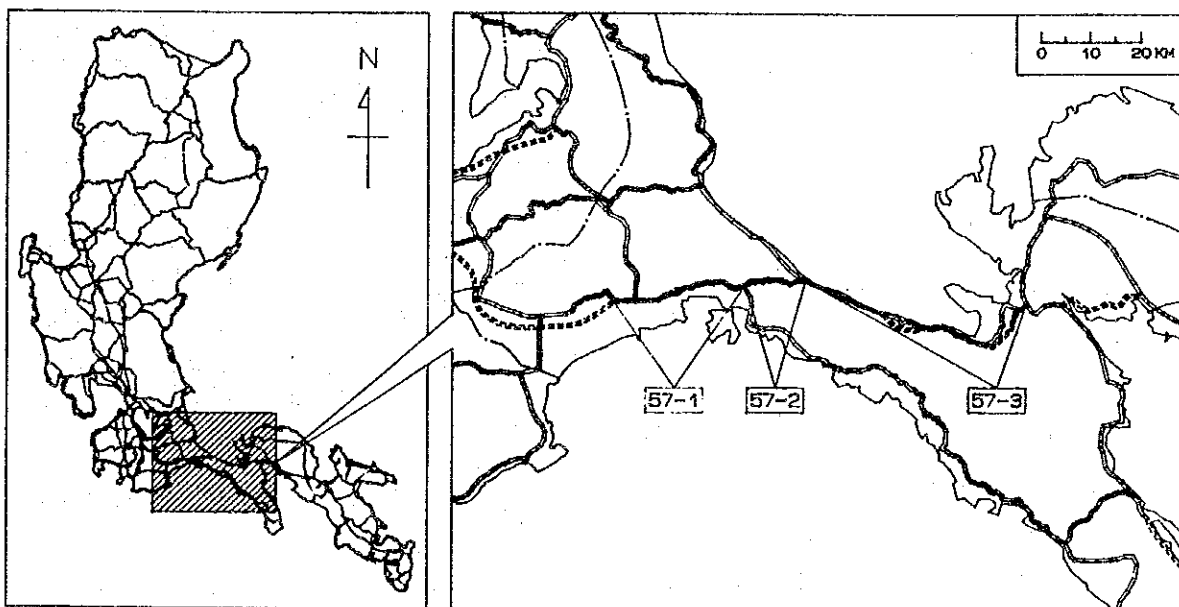
Name		South Luzon Expressway Extension, Lucena Line				Province: Batangas, Laguna, Quezon					
Existing Road Condition		No existing road. The proposed expressway begins suburb of Calamba, passing through foot of Mt. Malepunyo, and ends at Lucena City. Terrain condition is flat to rolling.				Population Coverage (1990): 1,137,286					
Objective		<ul style="list-style-type: none"> • Provide direct and fast access between Lucena and NCR • Alleviate traffic congestion around the area • Promote inter-provincial development of CALABARZON 									
Segment		56-1		56-2		56-3		56-4		Total	
Location		Viga Alaminos		Alaminos Tiaong		Tiaong Sta. Catalina		Sta. Catalina Lucena			
Length (km)		14.7		15.6		15.5		16.2		62.0	
Traffic Volume		Year		1992	2010	1992	2010	1992	2010		
		Car		-	10,441	-	8,348	-	8,187	-	7,978
		Jeepney		-	2,145	-	1,878	-	3,686	-	3,495
		Bus		-	1,707	-	1,457	-	1,692	-	1,641
		Truck		-	2,418	-	2,054	-	2,879	-	2,817
Total		-	16,711	-	13,737	-	16,444	-	15,931		
Work Item:											
Cons't. of 4 Lane Expway (km)		14.7		14.9		15.5		16.2		61.3	
Cons't. of 2 Lane Road (km)		-		0.7		-		-		0.7	
Cons't. of 2 Lane Bridge (m)		-		80		-		-		80	
Cost: (P million)											
Right-of-Way		30.9		31.3		61.4		19.4		143.0	
Construction		831.3		838.8		879.1		915.3		3,464.5	
Engineering		99.7		100.6		105.5		109.8		415.6	
Total		961.9		970.7		1,046.0		1,044.5		4,023.1	
Implementation Schedule		from 1999 to 2001		from 1999 to 2001		from 2000 to 2002		from 2000 to 2002		from 1999 to 2002	
Economic Return		IRR = 18.5%				B/C = 1.27				NPV = P272.3 M	
Remarks:											



PROJECT PROFILE

Project Number: 57

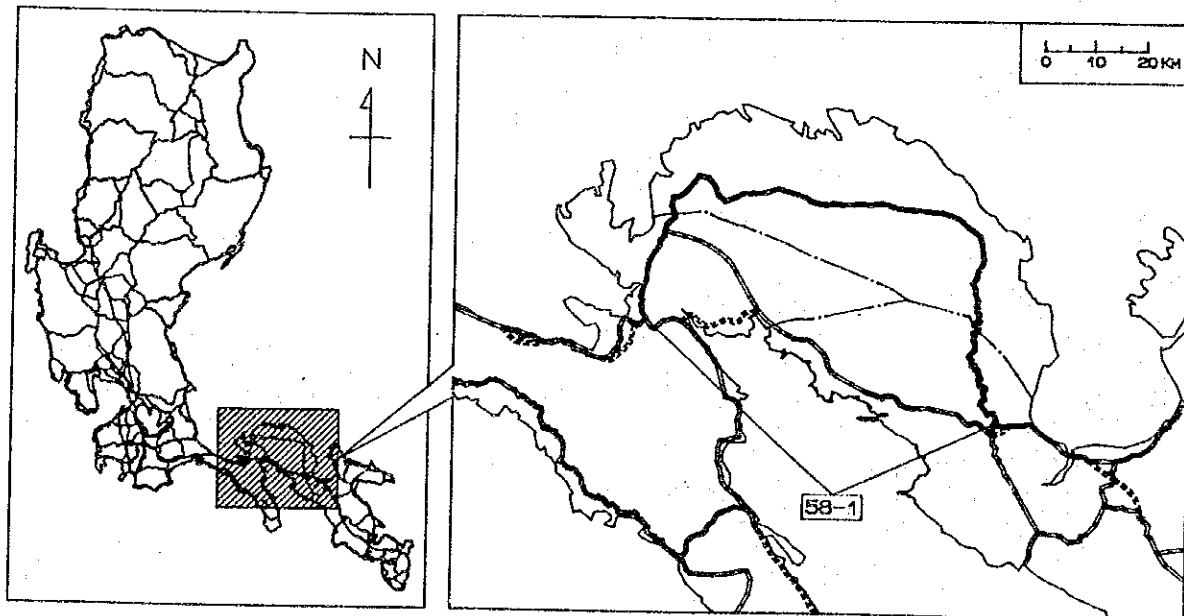
Name		Pan-Philippine Highway, Lucena-Calaug Section						Province: Quezon			
Existing Road Condition		The existing 2-lane road is passing municipality centers and paved by mostly PCC in good condition. Bridges are permanent and stable condition.						Population Coverage (1990): 586,099			
Objective		<ul style="list-style-type: none"> • Augment traffic capacity to strengthen economic linkage between Region IV and V • Alleviate traffic congestion in urban sections by constructing bypasses • Promote regional/provincial development 									
Segment		57-1		57-2		57-3		Total			
Location		Lucena Malicboy		Malicboy Atimonan		Atimonan Calaug					
Length (km)		27.9		13.9		52.7		94.5			
Traffic Volume		Year		1992		2010					
		Car		2,807		6,516		1,616		4,106	
		Jeepney		801		1,675		368		892	
		Bus		715		1,566		705		1,435	
		Truck		1,029		1,978		819		1,599	
Total		5,352		11,735		3,508		8,032			
Work Item:											
Widen to 4 Lane Road (km)		24.3		12.6		32.2		69.1			
Widen to 4 Lane Bridge (m)		1,324		22		1,035		2,381			
Const. of 4 Lane Road (km)		3.6		1.3		20.5		25.4			
Const. of 4 Lane Bridge (m)		130		-		120		250			
Disaster Prevention (m)		-		200		-		200			
Cost: (P million)											
Right-of-Way		6.4		1.0		18.5		25.9			
Construction		1,037.1		289.4		1,463.0		2,789.5			
Engineering		124.4		34.7		175.6		334.7			
Total		1,167.9		325.1		1,657.1		3,150.1			
Implementation Schedule		from to		2000 2002		2001 2002		2001 2003			
Economic Return		IRR = 24.6%		B/C = 1.77				NPV = P514.5 M			
Remarks:											



PROJECT PROFILE

Project Number: 58

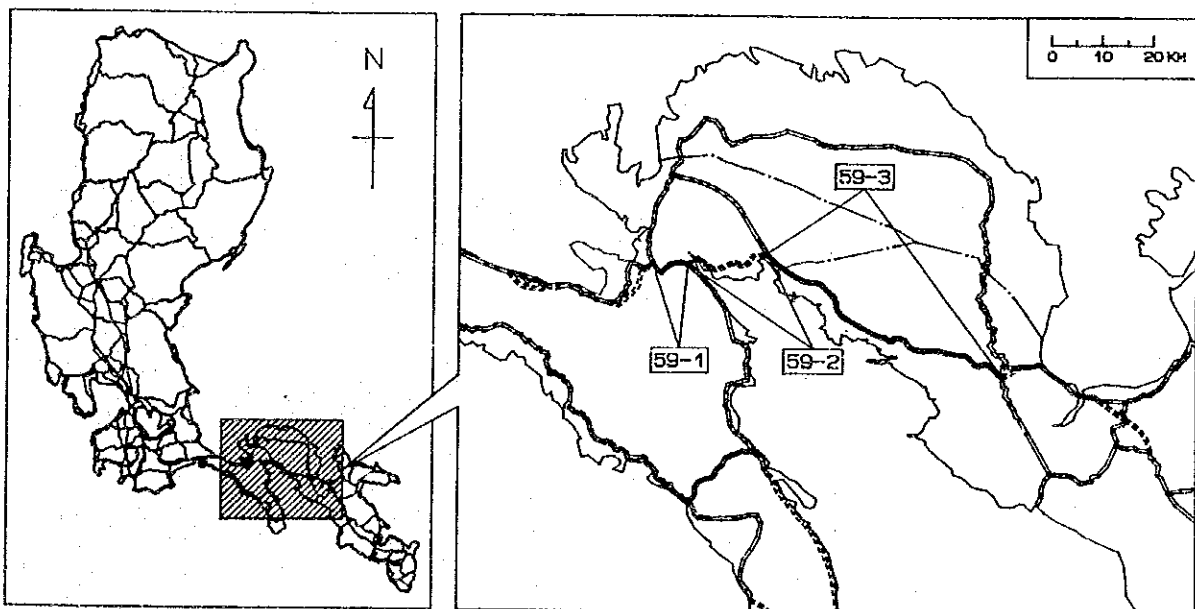
Name	Pan-Philippine Highway, Calauag--Sipocot Section					Province: Quezon, Camarines Norte, Camarines Sur
Existing Road Condition	Most sections are paved with PCC and AC in good condition. There are 3.6 km gravel sections in mountainous area and 9.3 km is paved - bad condition.					Population Coverage (1990): 413,705
Objective	<ul style="list-style-type: none"> • Strengthen south-north link (Quezon-Camarines Norte-Camarines Sur) • Strengthen economic linkage between Region IV and Region V • Promote regional development (agriculture industry - Daet provincial industrial center) 					
Location	from: Calauag					to: Sipocot
Length (km)						161.8
Traffic Volume		Car	Jeepney	Bus	Truck	Total
	1992	1,304	925	524	746	3,499
	2010	351	556	84	204	1,195
Work Item:						
Rehabilitation (km)						
Pavement (km)	9.3					
Disaster Prevention (m)	3.6					
	100					
Cost: (P million)						
Right-of-Way	0.0					
Construction	79.1					
Engineering	9.5					
Total	88.6					
Implementation Schedule	from					1993
	to					1993
Economic Return	IRR = 104.5 %		B/C = 8.13		NPV = P816.9 M	
Remarks:						



PROJECT PROFILE

Project Number: 59

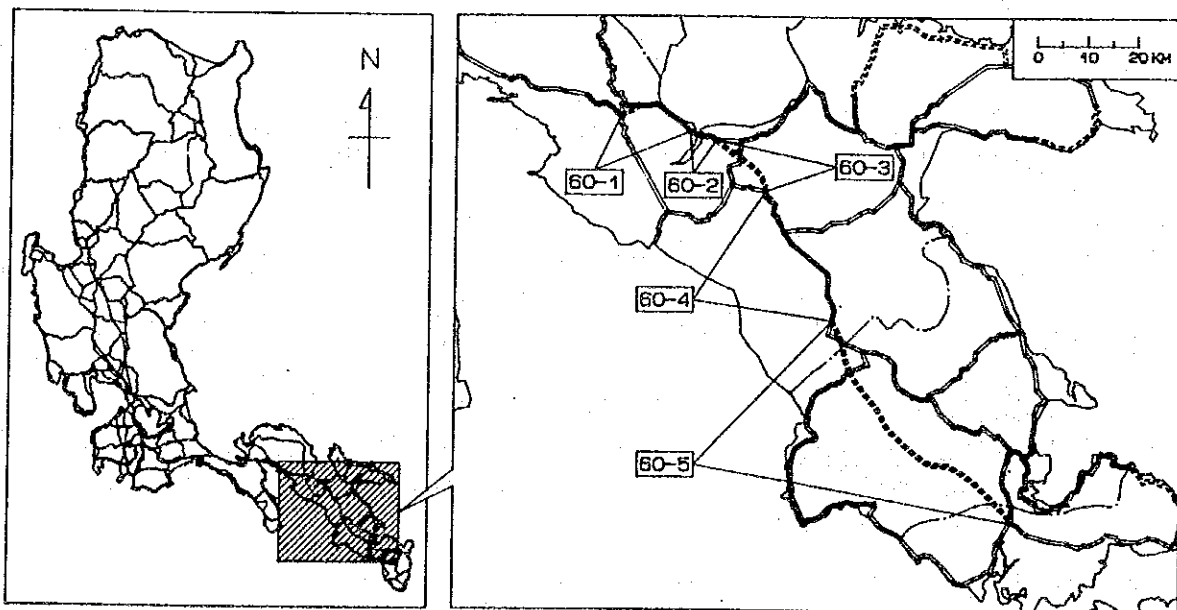
Name		Calauag – Sipocot Diversion Road								Province: Quezon, Camarines Sur	
Existing Road Condition		Segment 1: 5.0 m gravel road in bad condition Segment 2: No road over entire section Segment 3: No road over 42.0 km, 2-lane PCC road is being constructed in remaining 25.2 km								Population Coverage (1990): 270,701	
Objective		<ul style="list-style-type: none"> • Provide shoulder and faster access from Region IV to Bicol Region • Strengthen economic linkage between Region IV and V • Promote regional development in agriculture 									
Segment		59-1		59-2		59-3		59-4		Total	
Location		Calauag Jinabaan		Jinabaan Tagkawayan		Tagkawayan Sipocot		Tagkawayan Sipocot			
Length (km)		5.5		37.2		67.2		(67.2)		109.9	
Traffic Volume		Year		1992		2010		1992		2010	
		Car		-		3,030		-		2,819	
		Jeepney		-		1,247		-		1,122	
		Bus		-		980		-		967	
		Truck		-		1,155		-		1,122	
Total		-		6,412		-		6,030		-	
Work Item:											
Widen to 4 Lane Road (km)		5.5		-		-		67.2		72.7	
Widen to 4 Lane Bridge (m)		-		-		-		510		510	
Cons't. of 2 Lane Road (km)		-		-		42.0		-		42.0	
Cons't. of 2 Lane Bridge (m)		-		-		510		-		510	
Cons't. of 4 Lane Road (km)		-		37.2		-		-		37.2	
Cons't. of 4 Lane Bridge (m)		-		525		-		-		525	
Cost: (P million)											
Right-of-Way		1.2		22.3		14.0		0.0		37.5	
Construction		113.7		1,581.1		1,163.9		1,377.3		4,236.0	
Engineering		13.6		189.7		139.7		165.3		508.3	
Total		128.5		1,793.1		1,317.6		1,542.6		4,781.8	
Implementation Schedule		from to		2005 2006		2005 2007		1993 1995		2006 2008	
Economic Return		IRR = 23.2%				B/C = 1.60				NPV = P733.0 M	
Remarks:											
Segment 3 and 4 are exactly same location. Construction of 2 lane road will be first implemented then, widening to 4 lane will be followed on the same road section.											



PROJECT PROFILE

Project Number: 60

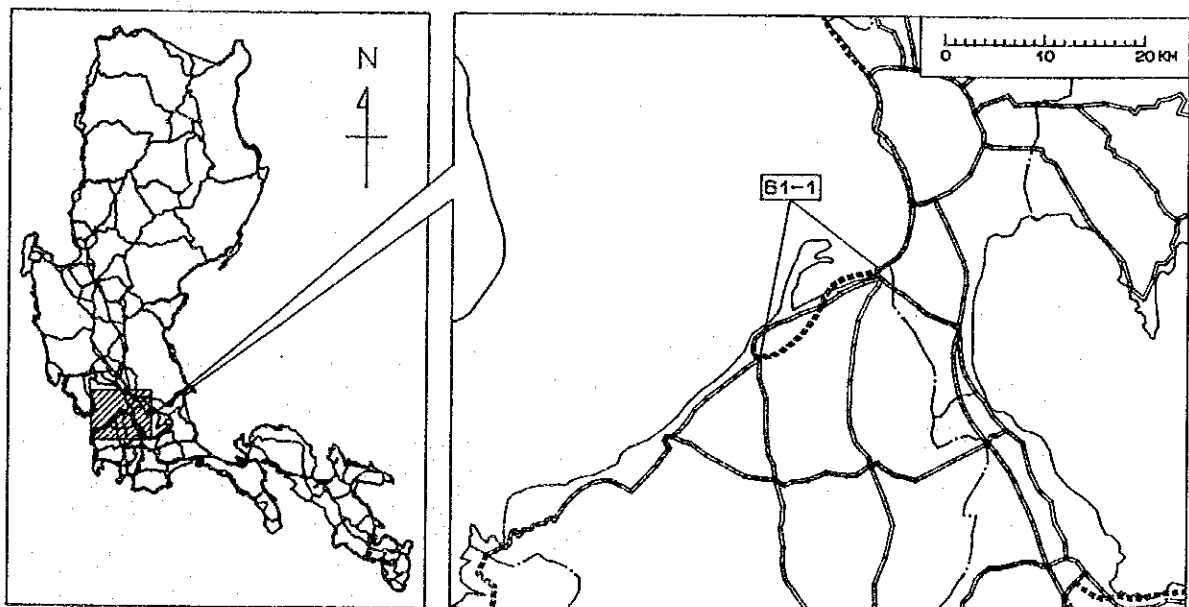
Name		Sipocot -- San Vicente Diversion Road										Province: Camarines Sur Albay, Sorsogon			
Existing Road Condition		Segment 1 : 2 lane gravel road in fair to bad condition Segment 2 : Proposed alignment crosses Bicol river which requires construction of 611 m bridge Segment 3, 5: No existing road Segment 4 : 2 lane PCC in good condition										Population Coverage (1990): 1,257,102			
Objective		<ul style="list-style-type: none"> Strengthen south-north link (Camarines Sur - Albay) Alleviating traffic congestion in urban section Strengthen economic linkage among the provinces in Region V 													
Segment		60-1		60-2		60-3		60-4		60-5		Total			
Location		from Sipocot to Cubasao		Cabusao Parigsa		Parigsa Concepcion		Concepcion Bato		Bato Putiao					
Length		(km) 16.9		6.1		14.7		31.9		57.5		127.1			
Traffic Volume		Year		1992		2010		1992		2010		1992		2010	
		Car		-		2,930		-		2,970		-		2,117	
		Jeepney		-		2,547		-		2,727		-		1,819	
		Bus		-		997		-		1,001		-		780	
		Truck		-		1,118		-		1,124		-		809	
		Total		-		7,582		-		7,822		-		5,525	
Work Item:															
Widening to 4-Lane Road (km)		12.9		-		-		31.9		-		44.8			
Widening to 4-Lane Bridge (m)		6		12		-		176		-		194			
Const. of 4-Lane Road (km)		4.0		6.1		14.7		-		57.5		82.3			
Const. of 4-Lane Bridge (m)		30		611		195		-		630		1,466			
Cost: (P million)															
Right-of-Way		2.9		7.3		17.6		0.0		69.0		96.8			
Construction		301.3		563.8		399.9		554.0		1,634.8		3,453.8			
Engineering		36.2		67.7		48.0		66.5		196.2		414.6			
Total		340.4		638.8		465.5		620.5		1,900.0		3,965.2			
Implementation Schedule		from 2000 to 2001		2000 to 2002		2001 to 2002		2001 to 2003		2001 to 2003		2000 to 2003			
Economic Return		IRR = 17.2%										B/C = 1.17		NPV = P137.8 M	
Remarks:															



PROJECT PROFILE

Project Number: 61

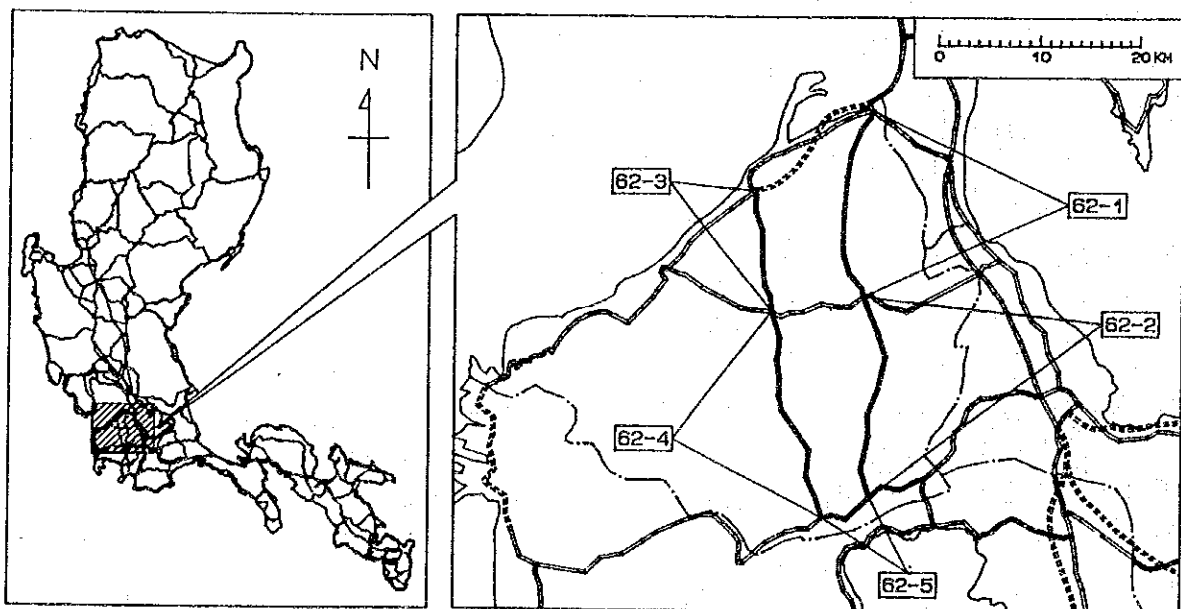
Name		Manila – Cavite Expressway				Province: Cavite
Existing Road Condition		Proposed expressway begins at end of R-1 road in Zapote, and runs on the reclamation area 200 m off from shoreline for about 4.7 km. At Bacoor, the road turns inland and cross Imus river. From here, road traverses the built-up area in Marulas and Tabon and connected with Noveleta-Rosario Diversion Road. The expressway ends at Gen. Trias Road in Tanza.				Population Coverage (1990): 571,693
Objective		<ul style="list-style-type: none"> • Strengthen Manila bay coastal link in Cavite, Batangas and Manila • Alleviate traffic congestion of existing roads • Promote Manila Bay urban development (Cavite Export processing Zone) • Reduce travel cost to industrial centers and tourism spots 				
Location		from: Zapote		to: Tanza		
Length (km)		15.7				
Traffic Volume		Car	Jeepney	Bus	Truck	Total
1992		-	-	-	-	-
2010		19,590	12,230	4,294	2,614	38,728
Work Item: Cons't. of 4 Lane Expway (km)		15.7				
Cost: (P million)						
Right-of-Way		21.2				
Construction		1,243.5				
Engineering		149.2				
Total		1,413.9				
Implementation Schedule		from		to		
				1996		
				1998		
Economic Return		IRR = 35.4%		B/C = 2.96		NPV = P1,124.9 M
Remarks:						



PROJECT PROFILE

Project Number: 62

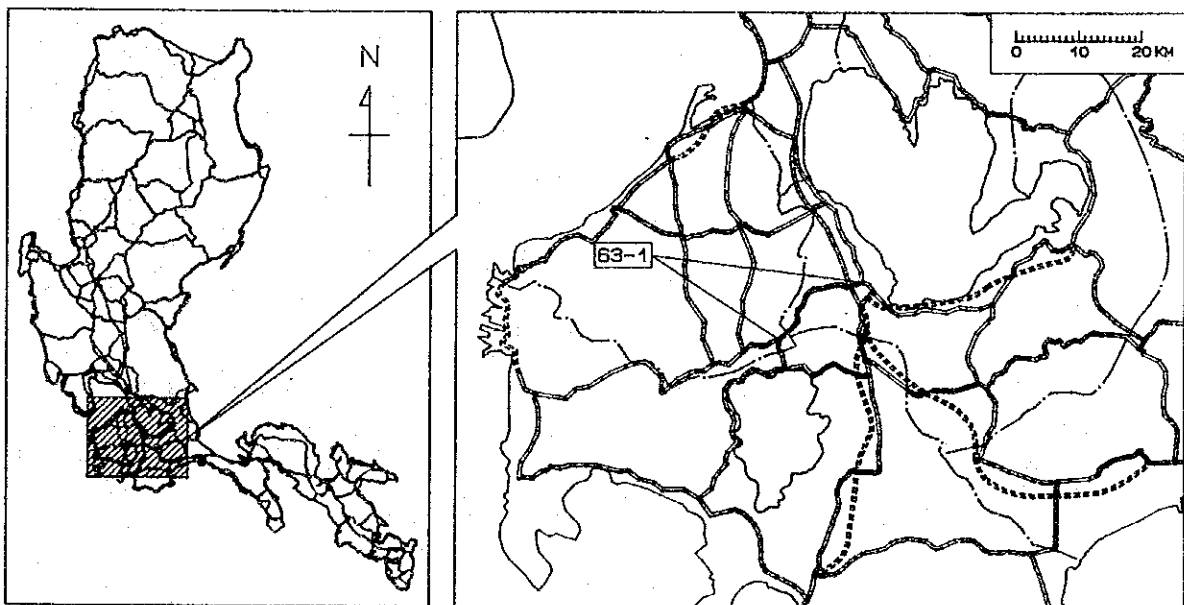
Name		Bacoor – Tagaytay – Tanza Road										Province: Cavite			
Existing Road Condition		The existing road is 2 lane road. 64.8 km is paved with AC in fair condition. 16.6 km is paved with PCC in fair condition.										Population Coverage (1990): 1,122,188			
Objective		<ul style="list-style-type: none"> • Strengthen Cavite Inland link • Alleviating traffic congestion • Promote provincial development in agriculture, tourism and industry 													
Segment		62-1		62-2		62-3		62-4		62-5		Total			
Location		Bacoor Dasmariñas		Dasmariñas Tagaytay		Tanza Trece Martires		Trece Martires Tagaytay		Tagaytay Tagaytay					
Length (km)		16.6		22.4		12.5		24.5		5.4		81.4			
Traffic Volume		Year		1992		2010		1992		2010		1992		2010	
		Car		4,112		5,913		4,204		5,913		236		2,234	
		Jeepney		2,065		3,790		2,653		3,790		258		731	
		Bus		1,331		2,189		1,216		2,189		0		236	
		Truck		403		651		741		651		39		177	
Total		7,911		12,543		8,814		12,543		533		3,378			
Work Item:															
Widen to 4 Lane Road (km)		16.6		22.4		12.5		24.5		5.4		81.4			
Widen to 4 Lane Bridge (m)		51		-		6		65		-		122			
Cost: (P million)															
Right-of-Way		36.6		8.6		0.0		9.4		11.9		66.5			
Construction		275.3		462.7		236.6		528.0		111.8		1,614.4			
Engineering		33.0		55.5		28.4		63.4		13.4		193.7			
Total		344.9		526.8		265.0		600.8		137.1		1,874.6			
Implementation Schedule		from 2003 to 2004		2003 2005		2004 2005		2004 2006		2006 2006		2003 2006			
Economic Return		IRR = 21.2 %				B/C = 1.47				NPV = P122.5 M					
Remarks:															



PROJECT PROFILE

Project Number: 63

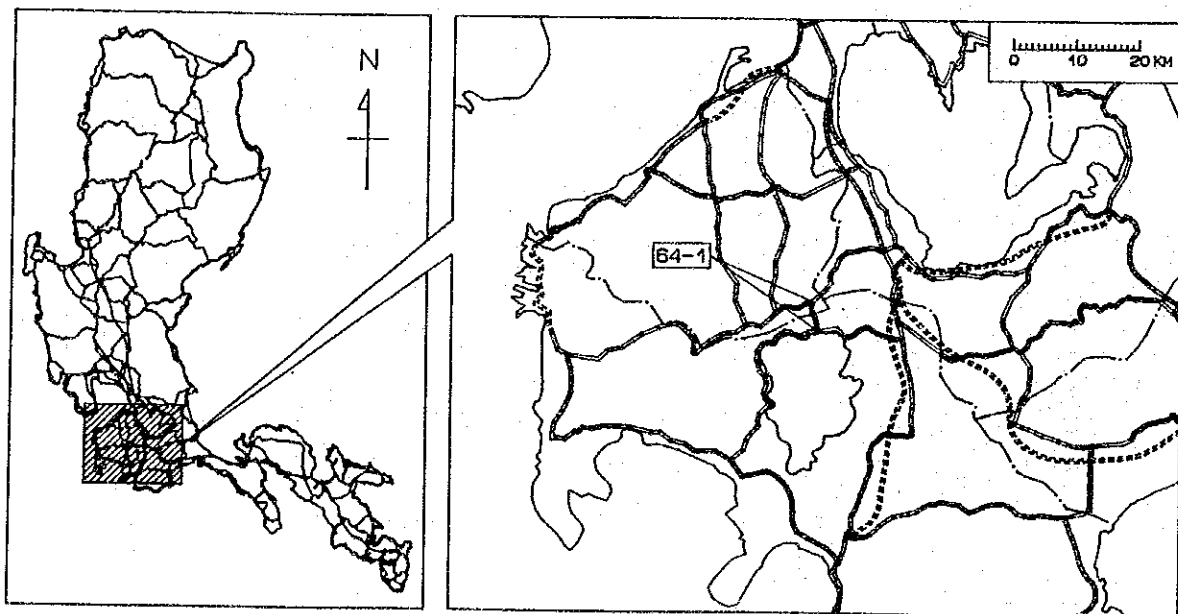
Name		Calamba-Tagaytay Road				Province: Laguna, Cavite	
Existing Road Condition		16.2 km is no road in mountainous area at provincial boundary. Remaining section is paved with AC or PCC is generally fair to good condition.				Population Coverage (1990): 468,343	
Objective		<ul style="list-style-type: none"> Strengthen Cavite inland link with Laguna. Strengthen economic linkage between lowland and upland areas in Cavite and Laguna. 					
Location		from: Calamba		to: Tagaytay			
Length (km)		24.7					
Traffic Volume		Car	Jeepney	Bus	Truck	Total	
		1992	183	62	20	35	300
		2010	2,813	2,038	51	776	5,678
Work Item:							
Cons't. of 2-Lane Road (km)		16.2					
Cons't. of 2-Lane Bridge (m)		46					
Cost: (P million)							
Right-of-Way		2.4					
Construction		180.6					
Engineering		21.7					
Total		204.7					
Implementation Schedule		from	2004			to	
			2005				
Economic Return		IRR = 60.4%		B/C = 5.12		NPV = P482.5 M	
Remarks:							



PROJECT PROFILE

Project Number: 64

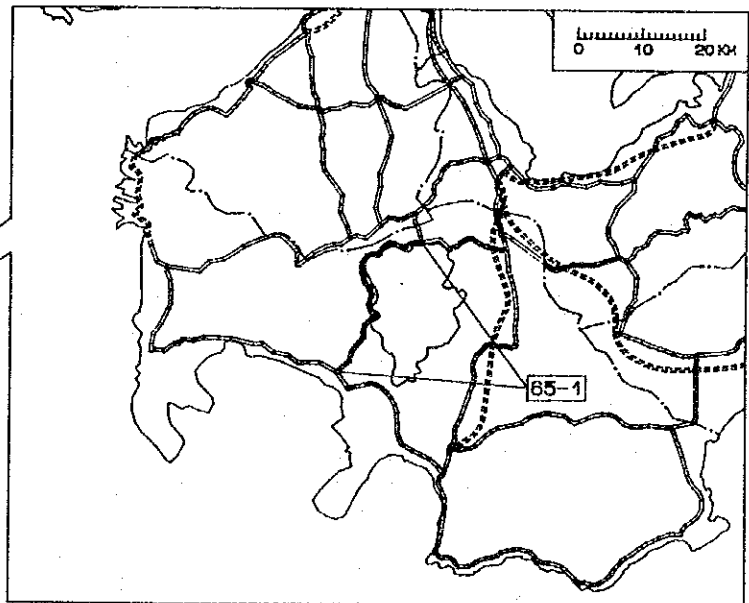
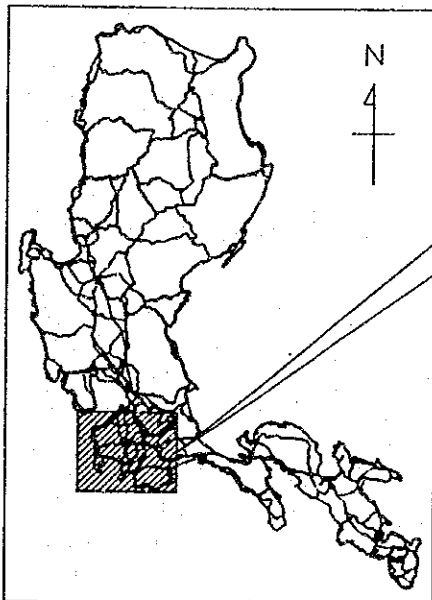
Name	Tagaytay – Talsay Road					Province: Cavite, Batangas
Existing Road Condition	The road passes steep slope from Tagaytay ridge. 1.5 km is still gravel and earth in very bad condition. 3.1 km is AC, 3.0 km is PCC with road width between 4.0 ~ 4.5 m					Population Coverage (1990): 90,013
Objective	<ul style="list-style-type: none"> • Strengthen Cavite inland to Taal Lake • Strengthen economic linkage between upland area and Taal Lake shore • Promote provincial development 					
Location	from: Tagaytay					to: Talsay
Length (km)	7.6					
Traffic Volume		Car	Jeepney	Bus	Truck	Total
	1992	665	322	7	29	1,023
	2010	2,537	983	120	299	3,939
Work Item:						
Pavement (km)	0.6					
Widen to 2 Lane Road (km)	6.1					
Cost: (P million)						
Right-of-Way	0.2					
Construction	95.4					
Engineering	11.5					
Total	107.1					
Implementation Schedule	from	1996				
	to	1996				
Economic Return	IRR = 46.1%		B/C = 3.09		NPV = P102.3 M	
Remarks:						



PROJECT PROFILE

Project Number: 65

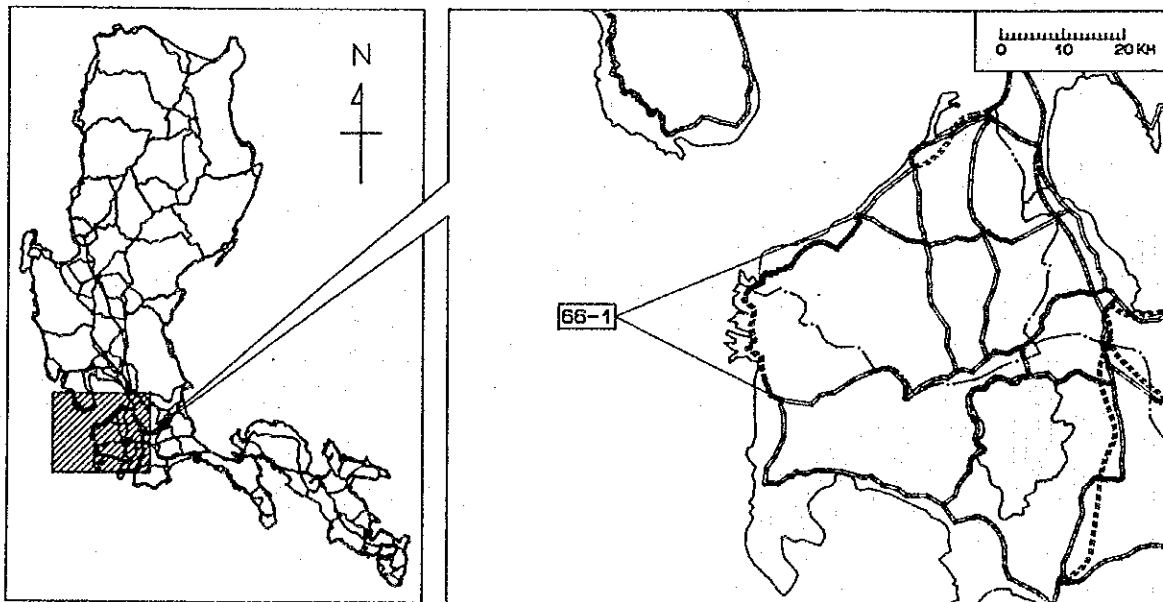
Name	Talisay – Lemery Road					Province: Batangas
Existing Road Condition	Surface type of existing road is mostly AC with bad condition. Road width is less than 6.0 m. There are two timber bridges along existing road. There is non-existing portion (L = 13.5 km) between Laurel and Agoncillo.					Population Coverage (1990): 309,448
Objective	<ul style="list-style-type: none"> • Provide direct linkage between Tagaytay and Balayan Bay • Strengthen economic linkage between upland of Taal Lake shrine and Balayan coastal area • Promote provincial development (agriculture, tourism, fishery) 					
Location	from: Talisay					to: Lemery
Length (km)						42.2
Traffic Volume		Car	Jeepney	Bus	Truck	Total
	1992	-	-	-	-	-
	2010	281	25	82	7	395
Work Item:						
Rehabilitation (km)						9.5
Pavement (km)						7.0
Widen to 2 Lane Road (km)						11.5
Cons't. of 2 Lane Road (km)						13.5
Cons't. of 2 Lane Bridge (m)						100
Cost: (P million)						
Right-of-Way						9.9
Construction						315.5
Engineering						37.9
Total						363.3
Implementation Schedule	from					1994
	to					1995
Economic Return	IRR = 35.4 %		B/C = 2.66		NPV = P347.3 M	
Remarks:						



PROJECT PROFILE

Project Number: 66

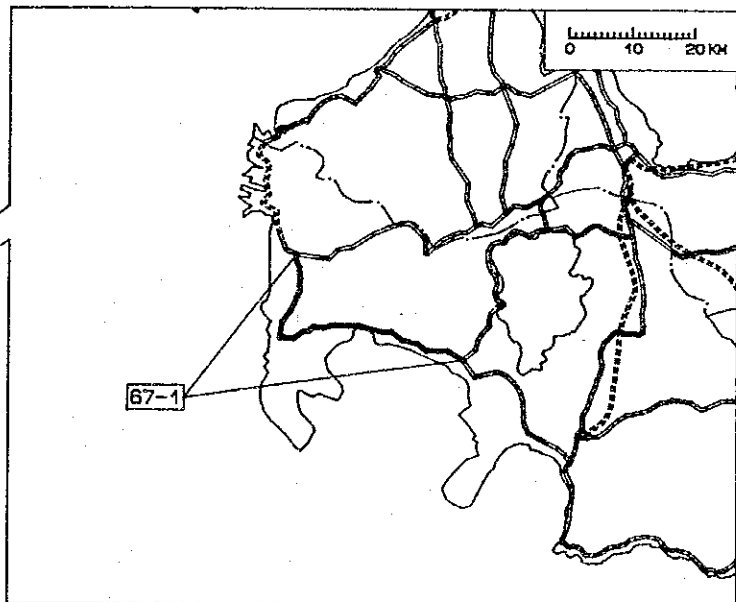
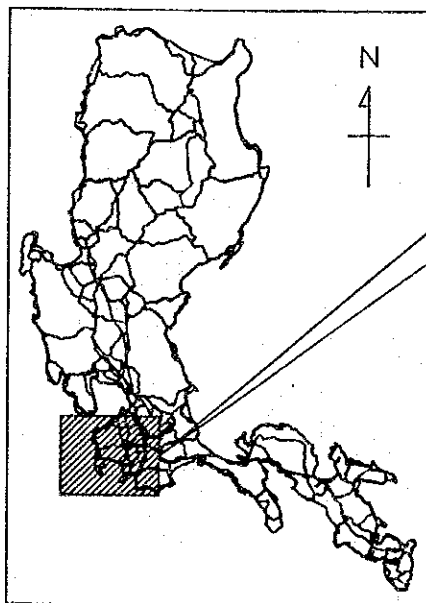
Name	Naic – Nasugbu Road				Province: Cavite, Batangas	
Existing Road Condition	Concreting and rehabilitation work is on-going along existing road. No existing portion between Ternate–Nasugbu (L = 40.3 km) passes rugged mountainous terrain along Manila bay coastal line.				Population Coverage (1990): 223,644	
Objective	<ul style="list-style-type: none"> • Strengthen Manila Bay and Batangas coastal link (Cavite – Batangas) • Promote Manila Bay and rural development (industry, tourism) 					
Location	from: Naic		to: Nasugbu			
Length (km)	71.4					
Traffic Volume	1992	Car	Jeepney	Bus	Truck	Total
	2010	–	–	–	–	–
Work Item:						
Widen to 2 Lane Road (km)	1.7					
Cons't. of 2 Lane Road (km)	40.3					
Cons't. of 2 Lane Bridge (m)	135					
Cost: (P million)						
Right-of-Way	6.2					
Construction	842.5					
Engineering	101.1					
Total	949.8					
Implementation Schedule	from	2005			to	2007
Economic Return	IRR = 16.9%		B/C = 1.15		NPV = P125.6 M	
Remarks:						



PROJECT PROFILE

Project Number: 67

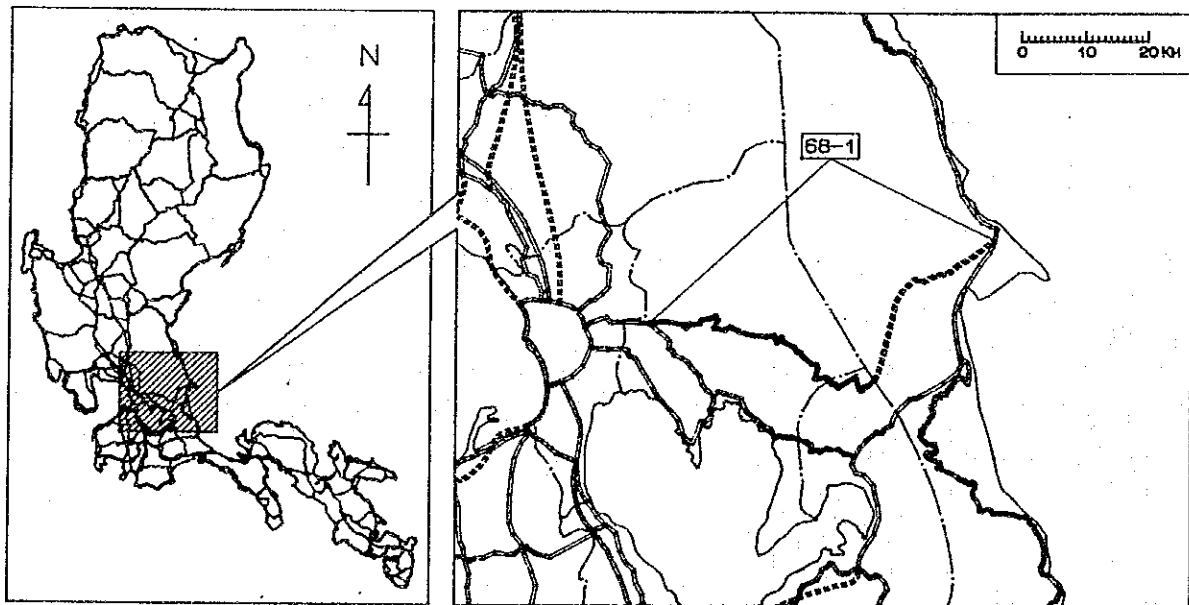
Name		Nasugbu – Lemery Road				Province: Batangas
Existing Road Condition		Surface type is AC with generally fair condition. AC between Balibago-Balayan (L = 11.6 km) is bad. There are two bailey bridges (L = 129 m) between Balibago-Balayan.				Population Coverage (1990): 420,416
Objective		<ul style="list-style-type: none"> • Strengthen Batangas western coastal link (Batangas) • Strengthen economic linkage among Batangas western and southern coastal areas • Promote provincial development (agriculture, tourism, fishery) 				
Location		from: Nasugbu		to: Lemery		
Length (km)		46.2				
Traffic Volume		Car	Jeepney	Bus	Truck	Total
	1992	1,393	1,185	147	109	2,834
	2010	2,886	1,995	219	165	5,265
Work Item:						
Rehabilitation (km)		11.6				
Cons't. of 2 Lane Bridge (m)		129				
Cost: (P million)						
Right-of-Way		0.0				
Construction		93.4				
Engineering		11.2				
Total		104.6				
Implementation Schedule		from		1994		
		to		1994		
Economic Return		IRR = 66.0%		B/C = 4.69		NPV = P234.6 M
Remarks:						



PROJECT PROFILE

Project Number: 68

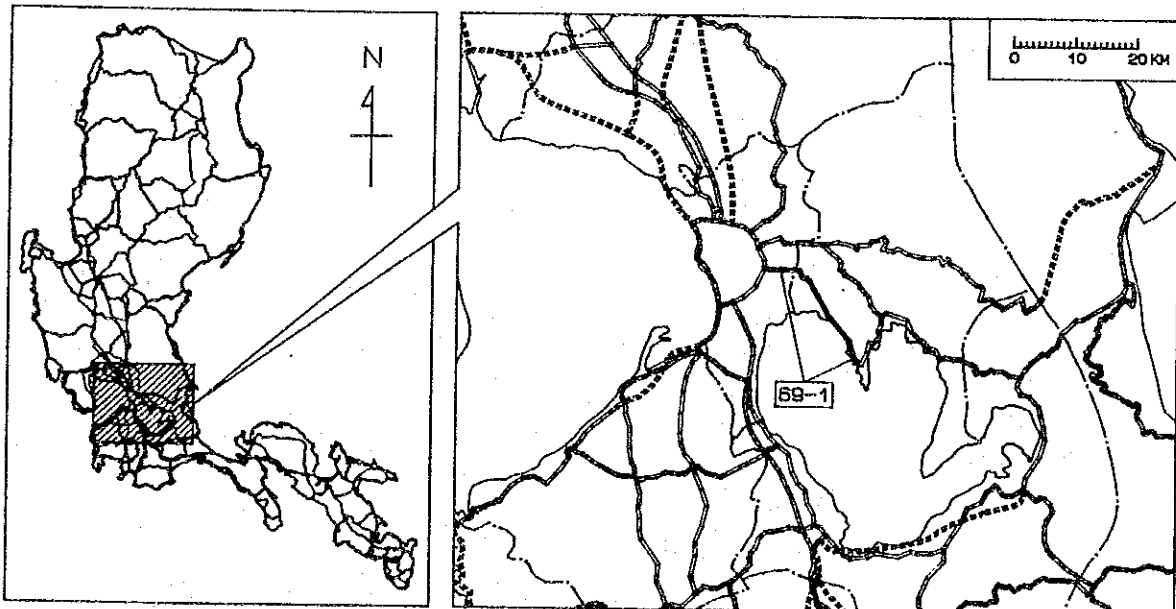
Name	Marikina – Infanta Road					Province: Rizal, Laguna, Quezon
Existing Road Condition	Concrete pavement in first 9.7 km is in good condition. Remaining part in Rizal province (L = 42.4 km) is AC and gravel in bad to very bad condition. Road in Laguna province (L = 15.6 km) is gravel in good condition. No existing road (L = 36.0 km) in Quezon province.					Population Coverage (1990): 644,926
Objective	<ul style="list-style-type: none"> • Strengthen east–west link (Rizal–Laguna–Quezon) • Strengthen economic linkage between Cavite/NCR and Pacific coastal area in Quezon province • Promote inter–provincial development between Infanta part and NCR 					
Location	from: Masinag					to: Infanta
Length (km)						103.7
Traffic Volume		Car	Jeepney	Bus	Truck	Total
	1992	–	–	–	–	–
	2010	263	94	35	44	436
Work Item:						
Rehabilitation (km)						11.4
Pavement (km)						35.8
Widen to 2 Lane Road (km)						5.8
Cons't. of 2 Lane Road (km)						36.0
Cons't. of 2 Lane Bridge (m)						80
Disaster Prevention (m)						150
Cost: (P million)						
Right-of-Way						5.6
Construction						1,108.8
Engineering						133.0
Total						1,247.4
Implementation Schedule	from	1999				
	to	2001				
Economic Return	IRR = 16.0%		B/C = 1.07		NPV = P22.6 M	
Remarks:						



PROJECT PROFILE

Project Number: 69

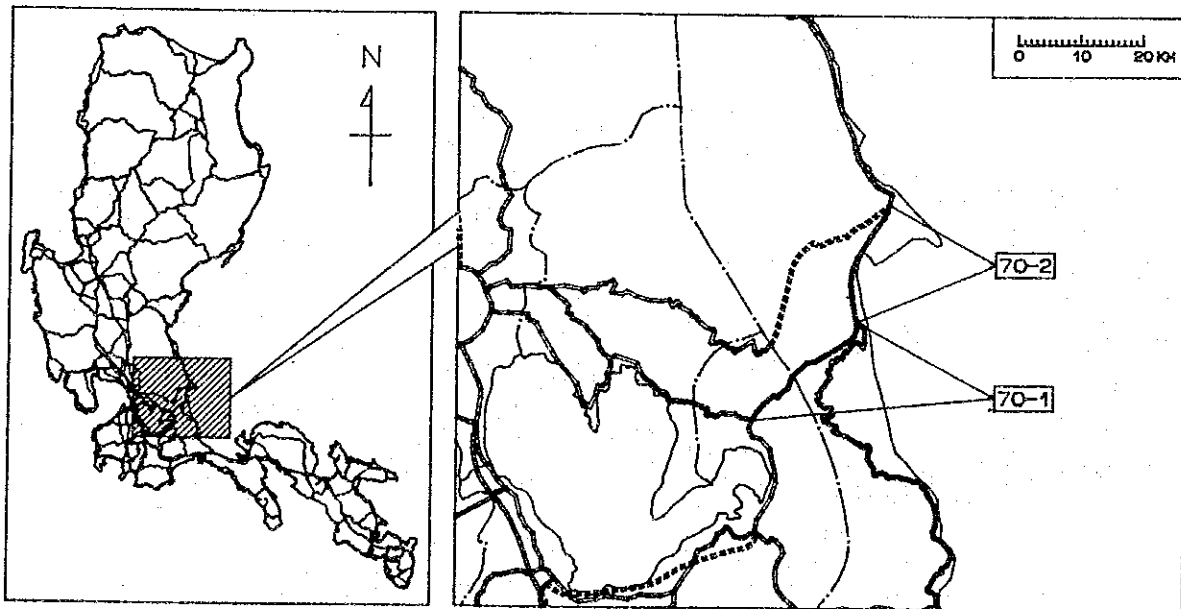
Name		Pasig – Binangonan Road				Province: Manila, Rizal
Existing Road Condition		Existing road is 2 lane PCC/AC paved road in generally fair condition. 4.8 km is PCC in good condition. Bridges are all 2 lane permanent bridges and structurally stable condition.				Population Coverage (1990): 723,311
Objective		<ul style="list-style-type: none"> • Strengthen Rizal – NCR link • Alleviating traffic congestion • Promote urban development of northern area of Laguna Lake (housing, industry) 				
Location		from: Pasig		to: Binangonan		
Length (km)		21.2				
Traffic Volume		Car	Jeepney	Bus	Truck	Total
1992		3,393	4,034	428	775	8,630
2010		9,099	7,990	948	1,708	19,745
Work Item:						
Widen to 4 Lane Road (km)		21.2				
Widen to 4 Lane Bridge (m)		260				
Cost: (P million)						
Right-of-Way		312.3				
Construction		416.8				
Engineering		50.0				
Total		779.1				
Implementation Schedule		from		1998		
		to		1999		
Economic Return		IRR = 51.4%		B/C = 5.39		NPV = P1,318.5 M
Remarks:						



PROJECT PROFILE

Project Number: 70

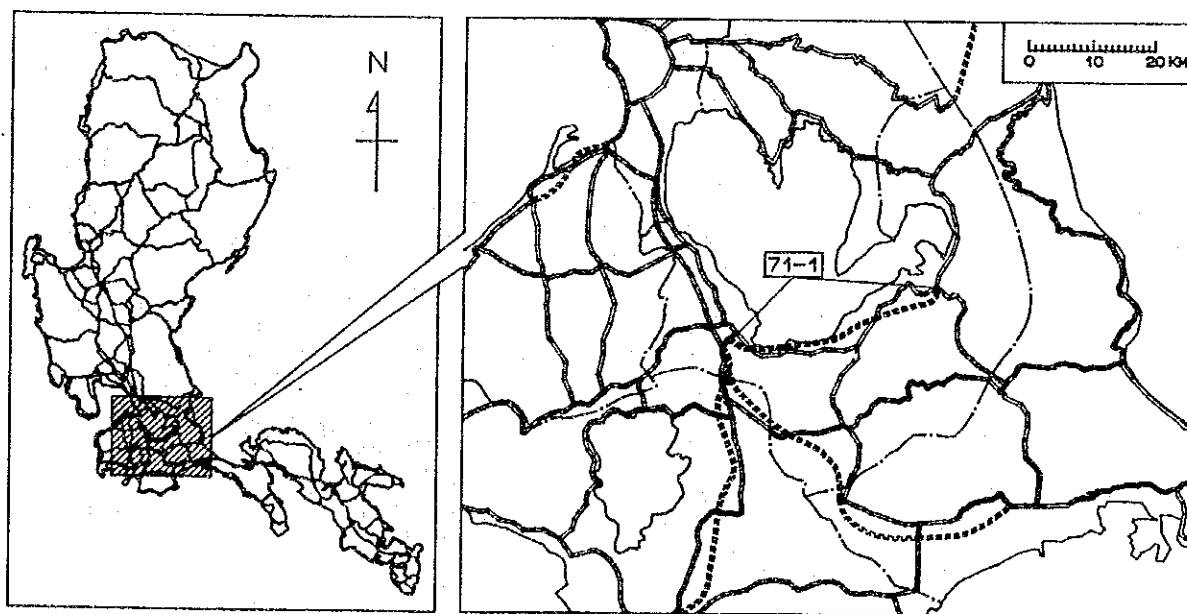
Name		Famy - Infanta Road				Province: Laguna, Quezon
Existing Road Condition		Segment 1: 3.2 km is PCC in good condition. Remaining part of the segment (L = 32.2 km) is 5.0 m width of gravel/earth in bad condition. Segment 2: 1.4 km is PCC in good condition. Remaining part of the segment (L = 17.6 km) is gravel earth in bad condition. There are 3 spillways (L = 45 m) along the road.				Population Coverage (1990): 186,247
Objective		<ul style="list-style-type: none"> Strengthen east-west link (Laguna-Quezon) Strengthen economic linkage between Laguna/NCR and Pacific coastal area in Quezon province Promote inter-provincial development between Laguna and Infanta port 				
Segment		70-1		70-2		Total
Location		Famy Tignuan		Tignuan Infanta		
Length (km)		35.4		19.0		54.4
Traffic Volume		Year	1992	2010	1992	2010
		Car	244	565	244	612
		Jeepney	181	217	181	220
		Bus	21	36	21	55
		Truck	72	79	72	91
		Total	518	897	518	978
Work Item:						
Pavement (km)		12.1		6.2		18.3
Widen to 2 Lane Road (km)		20.1		12.0		32.1
Widen to 2 Lane Bridge (m)		-		45		45
Cost: (P million)						
Right-of-Way		0.6		1.4		2.0
Construction		389.1		114.9		504.0
Engineering		46.7		13.8		60.5
Total		436.4		130.1		566.5
Implementation Schedule		from 1994 to 1995		1994 to 1995		1994 to 1995
Economic Return		IRR = 23.4%		B/C = 1.63		NPV = P743.6 M
Remarks:						



PROJECT PROFILE

Project Number: 71

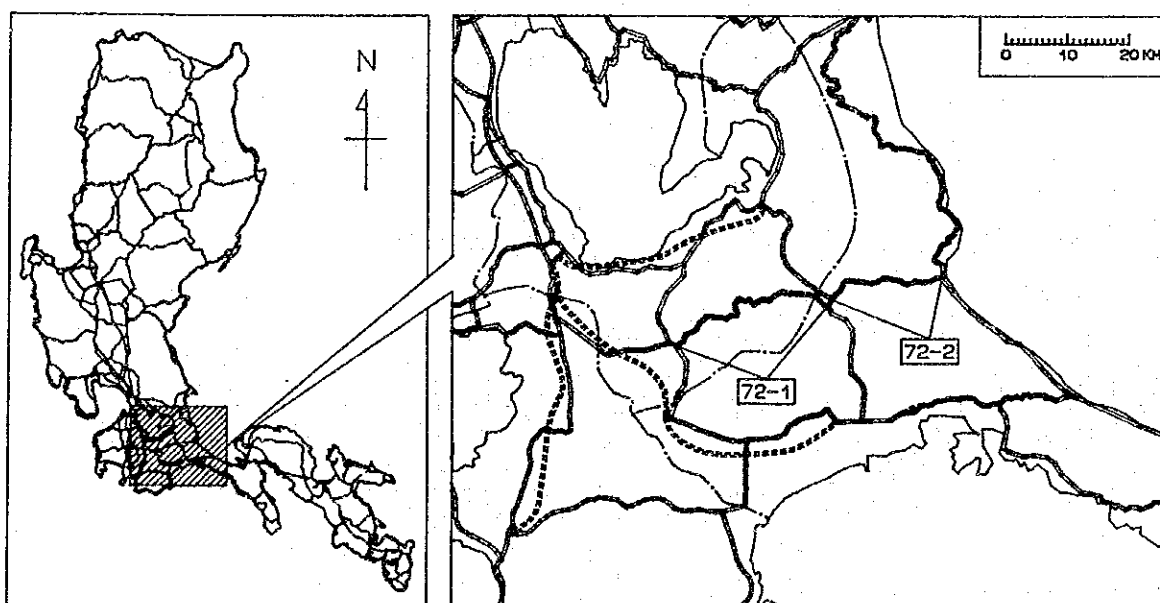
Name		Calamba-Pagsanjan Diversion Road				Province: Laguna
Existing Road Condition		The existing 2 lane road passes municipalities of Los Banos Bay, Pila and Sta. Cruz Pavement is PCC and AC with good condition Proposed alignment of the diversion road traverses southern shore of Laguna Lake				Population Coverage (1990): 575,557
Objective		<ul style="list-style-type: none"> • Strengthen east-west link (Laguna southern lane shore) • Alleviating traffic congestion by construction of diversion road • Promote provincial development (agriculture, tourism) 				
Location		from: Calamba		to: Pagsanjan		
Length (km)		38.9				
Traffic Volume		Car	Jeepney	Bus	Truck	Total
1992		2	1	0	0	3
2010		5,307	1,826	492	939	8,564
Work Item:						
Widen to 4 Lane Road (km)		1.8				
Cons't. of 4 Lane Road (km)		37.1				
Cons't. of 4 Lane Bridge (m)		850				
Cost: (P million)						
Right-of-Way		77.9				
Construction		1,334.8				
Engineering		160.2				
Total		1,572.9				
Implementation Schedule		from		2003		
		to		2005		
Economic Return		IRR = 21.6 %		B/C = 1.51		NPV = P119.8 M
Remarks:						



PROJECT PROFILE

Project Number: 72

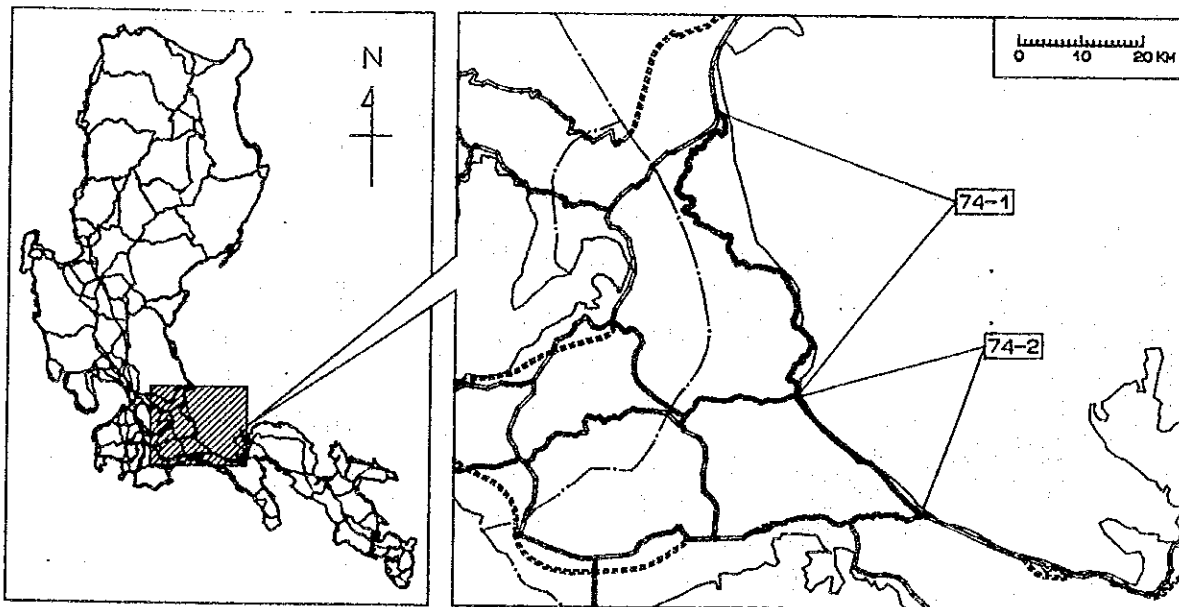
Name		San Pablo – Malibán Road				Province: Laguna, Quezon	
Existing Road Condition		Segment 1: 22.2 km is PCC/AC in fair condition. Remaining 22.8 km is gravel in bad condition. There are 4 temporary bridges and two substandard bridges (L = 80 m) Segment 2: 5.8 km is PCC in good condition. 2.8 km is PCC in good condition. Remaining 19.1 km is gravel in condition.				Population Coverage (1990): 410,188	
Objective		<ul style="list-style-type: none"> • Strengthen east-west link (Laguna – Quezon) • Strengthen economic linkage between Laguna and Pacific coastal area in Quezon province • Promote inter-provincial development (upland agriculture, industry) 					
Segment		72-1		72-2		Total	
Location		San Pablo Lucban		Lucban Mauban			
Length (km)		45.0		27.7		72.7	
Traffic Volume		Year		1992		2010	
		Car		-		28	
		Jeepney		-		4	
		Bus		-		0	
		Truck		-		39	
Total		-		71		1,052	
Work Item:							
Rehabilitation (km)		-		5.8		5.8	
Pavement (km)		18.8		6.9		25.7	
Widen to 2 Lane Road (km)		5.0		13.7		18.7	
Cons't. of 2 Lane Bridge (m)		80		-		80	
Cost: (P million)							
Right-of-Way		0.2		0.8		1.0	
Construction		181.9		184.3		366.2	
Engineering		21.8		22.1		43.9	
Total		203.9		207.2		411.1	
Implementation Schedule		from 1994 to 1995		1994 1995		1994 1995	
Economic Return		IRR = 48.3%		B/C = 3.87		NPV = P671.3 M	
Remarks:							



PROJECT PROFILE

Project Number: 74

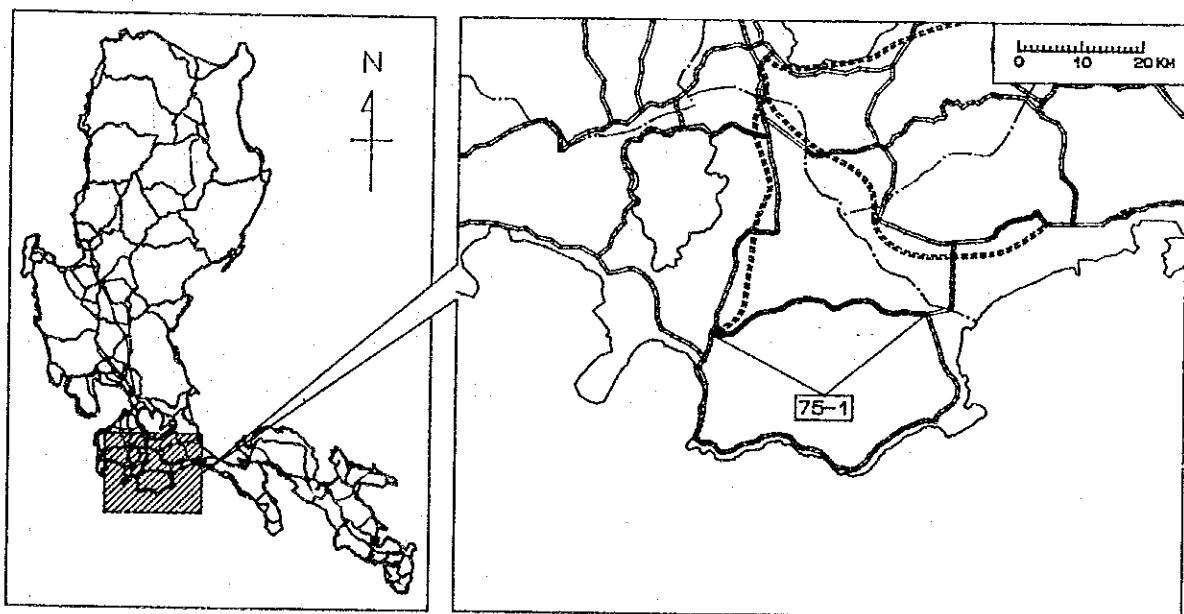
Name		Tignuan – Atimonan Road				Province: Quezon						
Existing Road Condition		Segment 1: No existing road. Proposed alignment passes coastal line of Lamon Bay. Terrain is mostly mountainous. Segment 2: 1.5 km is 4.0 m AC in bad condition at Atimonan proper. Remaining part of the road is impassable or no road.				Population Coverage (1990): 101,523						
Objective		<ul style="list-style-type: none"> • Strengthen south–north Pacific coastal link in Quezon • Establish national integration • Promote provincial development (agriculture) 										
Segment		74-1		74-2		Total						
Location		Tignuan Mauban		Mauban Atimonan								
Length (km)		82.3		32.7		115.0						
Traffic Volume		Year		Year								
		1992		2010			1992		2010			
		Car		–			47		–		104	
		Jeepney		–			3		–		19	
		Bus		–			20		–		34	
Truck		–		13		–		58				
Total		–		83		–		215				
Work Item:												
Widen to 2 Lane Road (km)		–		1.5		1.5						
Const. of 2 Lane Road (m)		81.8		31.2		113.0						
Const. of 2 Lane Bridge (km)		825		760		1,585						
Cost: (P million)												
Right-of-Way		12.3		4.9		17.2						
Construction		1,879.9		731.9		2,611.8						
Engineering		225.6		87.8		313.4						
Total		2,117.8		824.6		2,942.4						
Implementation Schedule		from to		2008 2010		2008 2010						
Economic Return		IRR = 18.4%		B/C = 1.23		NPV = P103.3 M						
Remarks:												



PROJECT PROFILE

Project Number: 75

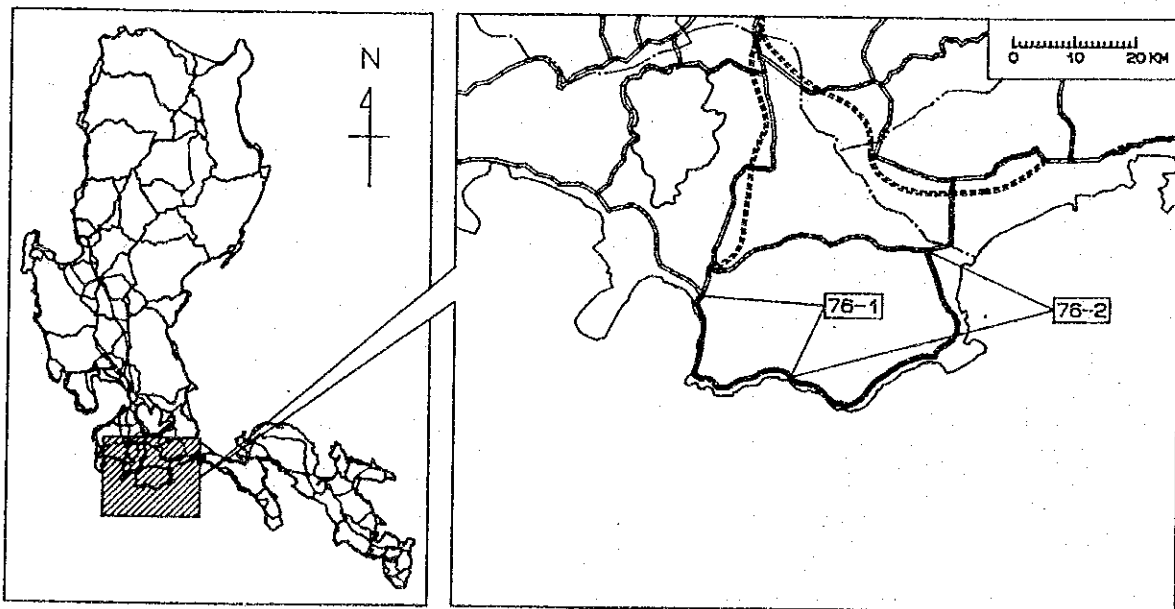
Name		Batangas – San Juan Road				Province: Batangas	
Existing Road Condition		Rosario – San Juan Section (L = 24 km) is paved by concrete with good condition. Batangas – Rosario section (L = 16 km) is mostly paved by AC with bad to very bad condition. There is 1 km gravel section in Ibaan proper.				Population Coverage (1990): 531,887	
Objective		<ul style="list-style-type: none"> • Strengthen east–west link and inter–link of road No. 55, 56 (Batangas) • Strengthen economic linkage between provincial capital and Tayabas Bay coastal area • Promote provincial development (agriculture, industry, Batangas Regional Industrial Center) 					
Location		from: Alangilan		to: San Juan			
Length (km)		40.0					
Traffic Volume			Car	Jeepney	Bus	Truck	Total
		1992	690	849	40	174	1,753
		2010	593	1,079	21	17	1,710
Work Item:							
Rehabilitation (km)		11.0					
Pavement (km)		1.0					
Cost: (P million)							
Right-of-Way		0.0					
Construction		55.6					
Engineering		6.7					
Total		62.3					
Implementation Schedule		from	1999				
		to	1999				
Economic Return		IRR = 128.6 %		B/C = 12.09		NPV = P263.2 M	
Remarks:							



PROJECT PROFILE

Project Number: 76

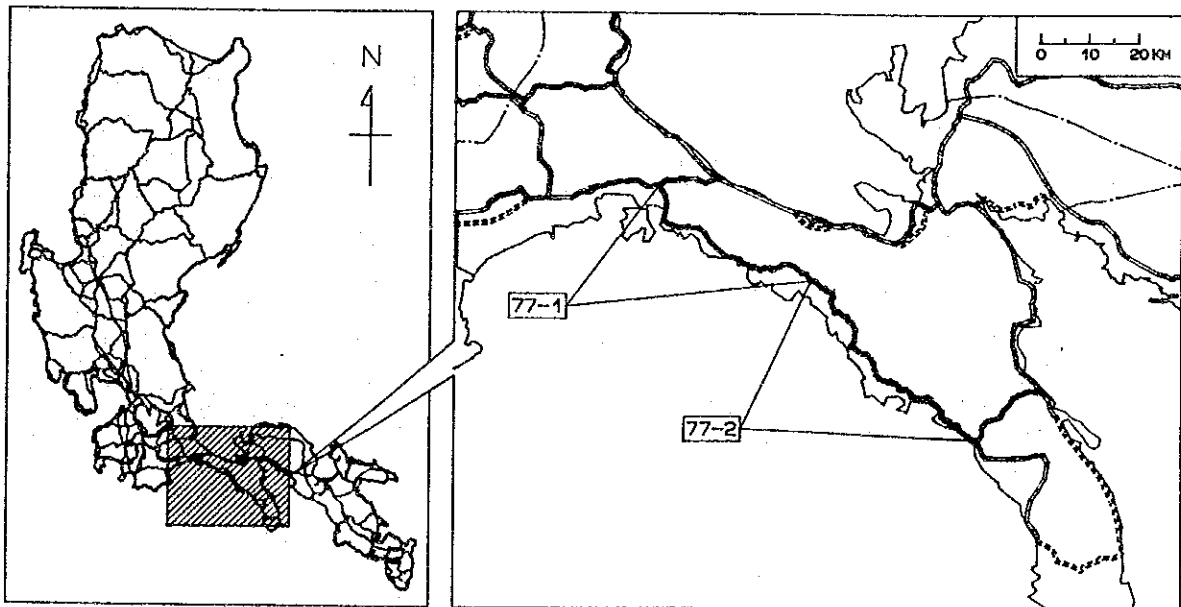
Name		Batangas -- San Juan Coastal Road				Province: Batangas
Existing Road Condition		Segment 1: PCC pavement in Batangas and Lobo proper (L = 5.0 km) 9.3 km is AC in bad to very bad condition. 25.9 km is gravel in very bad condition. Segment 2: PCC pavement in San Juan proper (L = 3.3 km) Remaining part of the road is impassable (L = 29.3 km) of gravel very bad (L = 14.4 km)				Population Coverage (1990): 373,479
Objective		<ul style="list-style-type: none"> • Strengthen Batangas coastal link (Batangas) • Strengthen economic linkage among Batangas southern coastal area • Promote provincial development (agriculture, tourism, fishery, mining) 				
Segment		76-1		76-2		Total
Location		Batangas		Lobo		
		Lobo		San Juan		
Length (km)		40.2		47.0		87.2
		1992	2010	1992	2010	
Traffic Volume		99	200	-	28	
		114	200	-	8	
		20	33	-	11	
		40	48	-	11	
		273	481	-	58	
Work Item:						
Rehabilitation (km)		8.4		-		8.4
Pavement (km)		25.8		-		25.8
Widen to 2 Lane Road (km)		-		14.4		14.4
Con'st. of 2 Lane Road (km)		-		29.3		29.3
Con'st. of 2 Lane Bridge (m)		46		522		568
Cost: (P million)						
Right-of-Way		0.0		19.3		19.3
Construction		224.0		470.4		694.4
Engineering		26.9		56.5		83.4
Total		250.9		546.2		797.1
Implementation Schedule		from 1998 to 1999		1998 to 2000		1998 to 2000
Economic Return		IRR = 32.6%		B/C = 2.53		NPV = P382.3 M
Remarks:						



PROJECT PROFILE

Project Number: 77

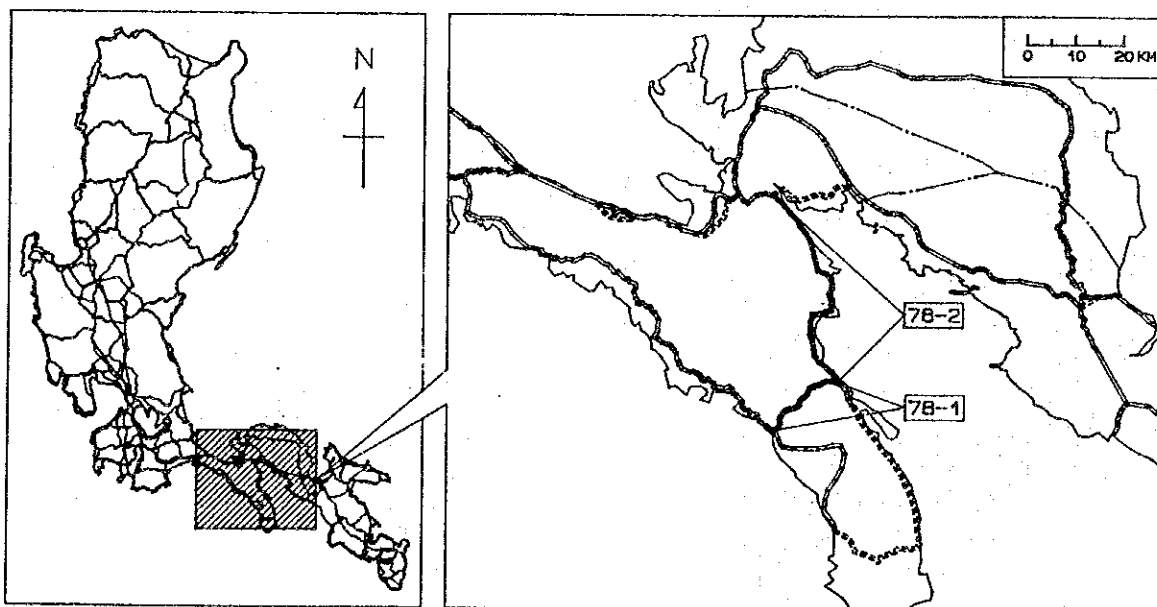
Name		Malicboy – Mulanay Road				Province: Quezon
Existing Road Condition		Segment 1: 5.0 m gravel road is in bad condition over entire section. Segment 2: PCC pavement work is on-going (L = 44 km). Remaining 16.1 km is 5.0 m gravel with bad condition.				Population Coverage (1990): 233,067
Objective		<ul style="list-style-type: none"> • Strengthen Mompog Pass coastal link (Quezon) • Strengthen economic linkage between Mompog pass coastal area and provincial capital • Promote provincial development (agriculture, tourism, fishery) 				
Segment		77-1		77-2		Total
Location		Malicboy Pitogo		Pitogo Mulanay		
Length (km)		60.3		60.1		120.4
Traffic Volume		1992	2010	1992	2010	
		Year				
		Car	399	944	237	520
		Jeepney	302	448	302	503
		Bus	82	154	64	132
		Truck	172	240	172	247
		Total	955	1,786	775	1,402
Work Item:						
Widen to 2 Lane Road (km)		60.3		16.0		76.3
Cost: (P million)						
Right-of-Way		3.6		0.5		4.1
Construction		449.8		119.1		568.9
Engineering		54.0		14.3		68.3
Total		507.4		133.9		641.3
Implementation Schedule		from	1994	1994	1994	1994
		to	1996	1995	1996	1996
Economic Return		IRR = 41.1 %		B/C = 3.66		NPV = P925.7 M
Remarks:						



PROJECT PROFILE

Project Number: 78

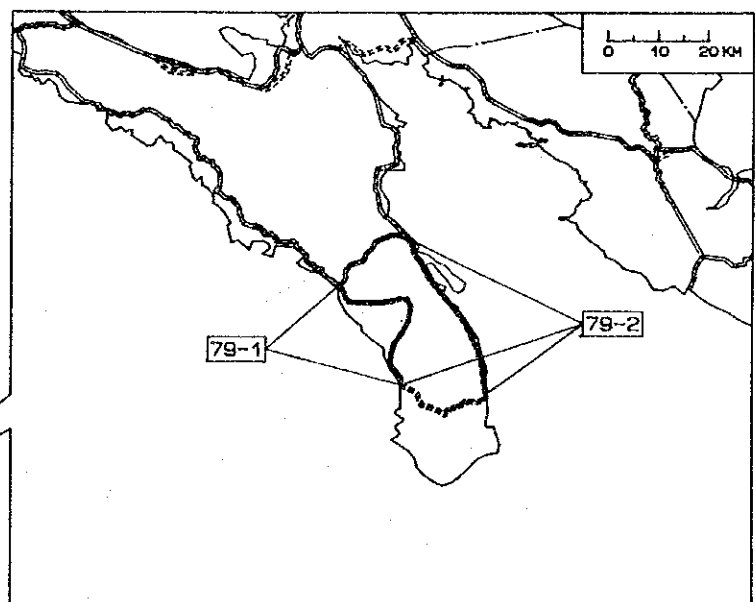
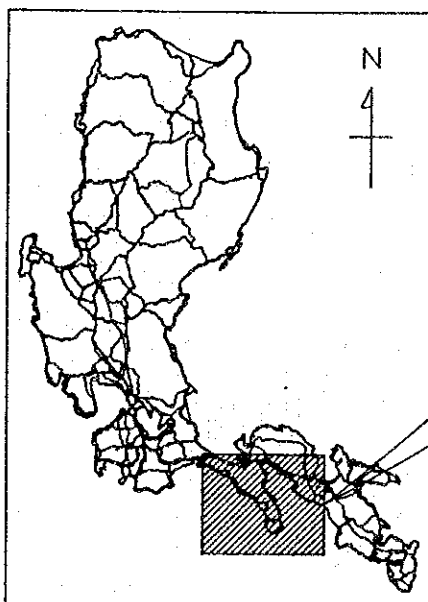
Name		Mulanay – Panagon – Jinabaan Road				Province: Quezon	
Existing Road Condition		<p>Segment 1: 5.0 m gravel road with bad condition. There are 4 bailey bridges (L = 78 m) and one 4 m wide concrete bridge (L = 26.4 m).</p> <p>Segment 2: Most part of this segment is impassable (L = 44.7 km). Existing gravel road (L = 13.8 km) is 5.0 m width in bad condition. Terrain is mostly mountainous.</p>				Population Coverage (1990): 124,520	
Objective		<ul style="list-style-type: none"> • Strengthen Bondoc Peninsula link and inter-link of road No. 77, 79, 59. • Strengthen economic linkage between Mompog Pass and Ragay Gulf Coastal areas • Promote provincial development (agriculture, fishery) 					
Segment		78-1		78-2		Total	
Location	from to	Mulanay Panagon		Panagon Jinabaan			
Length	(km)	29.8		58.5		88.3	
Traffic Volume	Year	1992	2010	1992	2010		
	Car	85	69	–	396		
	Jeepney	106	80	–	154		
	Bus	15	24	–	95		
	Truck	32	16	–	83		
	Total	238	189	–	728		
Work Item:							
Widen to 2 Lane Road (km)		29.8		13.8		43.6	
Cons't. of 2 Lane Road (km)		–		44.7		44.7	
Cons't. of 2 Lane Bridge (m)		104		400		504	
Cost: (P million)							
Right-of-Way		0.9		7.5		8.4	
Construction		506.7		1,210.9		1,717.6	
Engineering		60.8		145.3		206.1	
Total		568.4		1,363.7		1,932.1	
Implementation Schedule		from to		from to		from to	
		2003 2005		2004 2006		2003 2006	
Economic Return		IRR = 15.5 %		B/C = 1.01		NPV = P57.3 M	
Remarks:							



PROJECT PROFILE

Project Number: 79

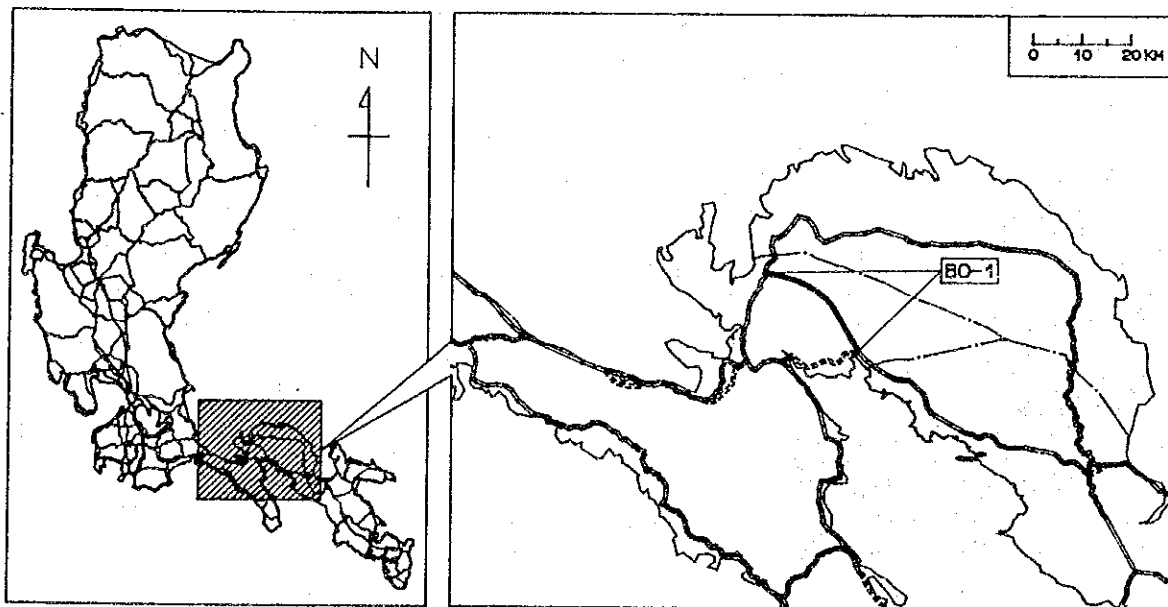
Name		Mulanay – San Francisco – Panagon Road				Province: Quezon
Existing Road Condition		Segment 1: 5.0 m gravel road in bad condition over entire length. There are 7 bailey bridges (L = 126 m) and one 4.0 m wide concrete bridge (L = 14 m). Segment 2: No existing road except between Panagon–San Narciso section (L = 6.9 km). Existing road is 5.0 m gravel in bad condition.				Population Coverage (1990): 136,489
Objective		<ul style="list-style-type: none"> • Establish Bondoc Peninsula road link • Strengthen economic linkage among Bondoc Peninsula, Ragay Mompog pass, and Ragay Gulf coastal areas • Promote provincial development (agriculture, fishery) 				
Segment		79-1		79-2		Total
Location		Mulanay San Francisco		San Francisco Panagon		
Length (km)		35.6		61.0		96.6
Traffic Volume		Year	1992	2010	1992	2010
		Car	68	277	10	95
		Jeepney	106	266	12	47
		Bus	14	46	2	32
		Truck	30	50	4	18
		Total	218	639	28	192
Work Item:						
Widen to 2 Lane Road (km)		35.6		6.9		42.5
Const't. of 2 Lane Road (km)		-		54.1		54.1
Const't. of 2 Lane Bridge (m)		140		1,135		1,275
Cost: (P million)						
Right-of-Way		1.1		8.3		9.4
Construction		303.5		1,433.3		1,736.8
Engineering		36.4		172.0		208.4
Total		341.0		1,613.6		1,954.6
Implementation Schedule		from	2007		2008	2007
		to	2008		2010	2010
Economic Return		IRR = 16.7%		B/C = 1.11		NPV = P15.6 M
Remarks:						



PROJECT PROFILE

Project Number: 80

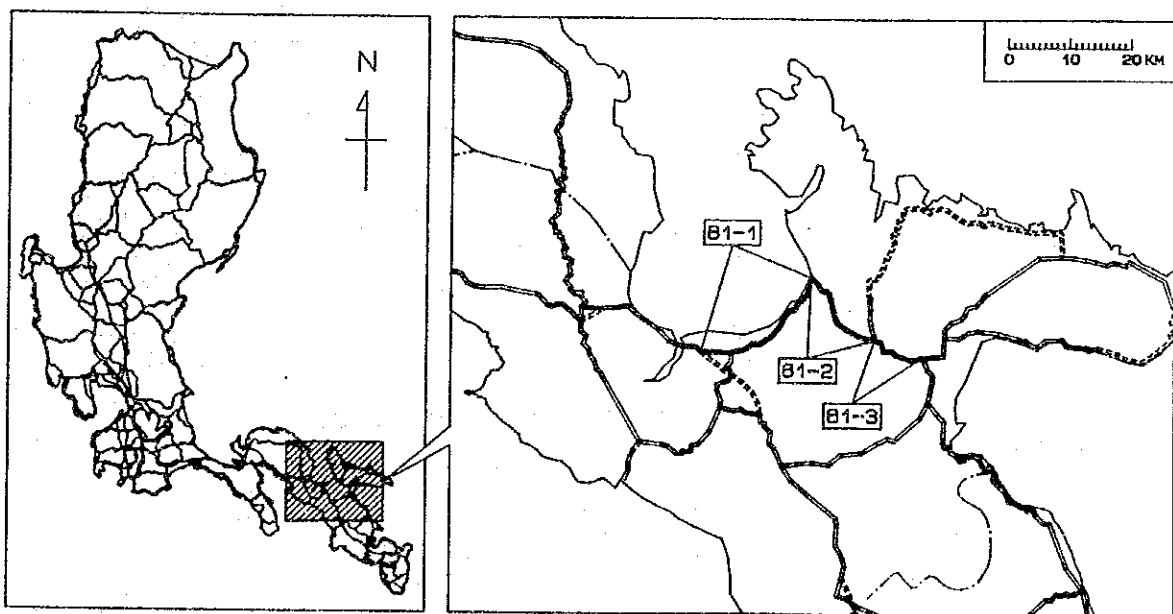
Name	San Miguel -- Tagkawayan Road				Province: Quezon	
Existing Road Condition	8.0 m width of concrete pavement is under construction at San Miguel proper (L = 6.5 km). Remaining part of the road (L = 21.1 km) is non-existing. This road is a part of proposed Quirino Highway. Terrain is mostly mountainous.				Population Coverage (1990): 77,373	
Objective	<ul style="list-style-type: none"> • Strengthen inter-link of road No. 59, in Quezon • Strengthen economic linkage between Ragay Gulf and Camarines Norte northern coastal area • Promote provincial development (agriculture) 					
Location	from: San Miguel		to: Tagkawayan			
Length (km)	27.6					
Traffic Volume		Car	Jeepney	Bus	Truck	Total
	1992	--	--	--	--	--
	2010	0	0	0	0	0
Work item:						
Cons't. of 2 Lane Road (km)	21.1					
Cons't. of 2 Lane Bridge (m)	110					
Cost: (P million)						
Right-of-Way	3.2					
Construction	442.2					
Engineering	53.1					
Total	498.5					
Implementation Schedule	from	1993				
	to	1994				
Economic Return	IRR = 16.2%		B/C = 1.11		NPV = P89.1 M	
Remarks:						



PROJECT PROFILE

Project Number: 81

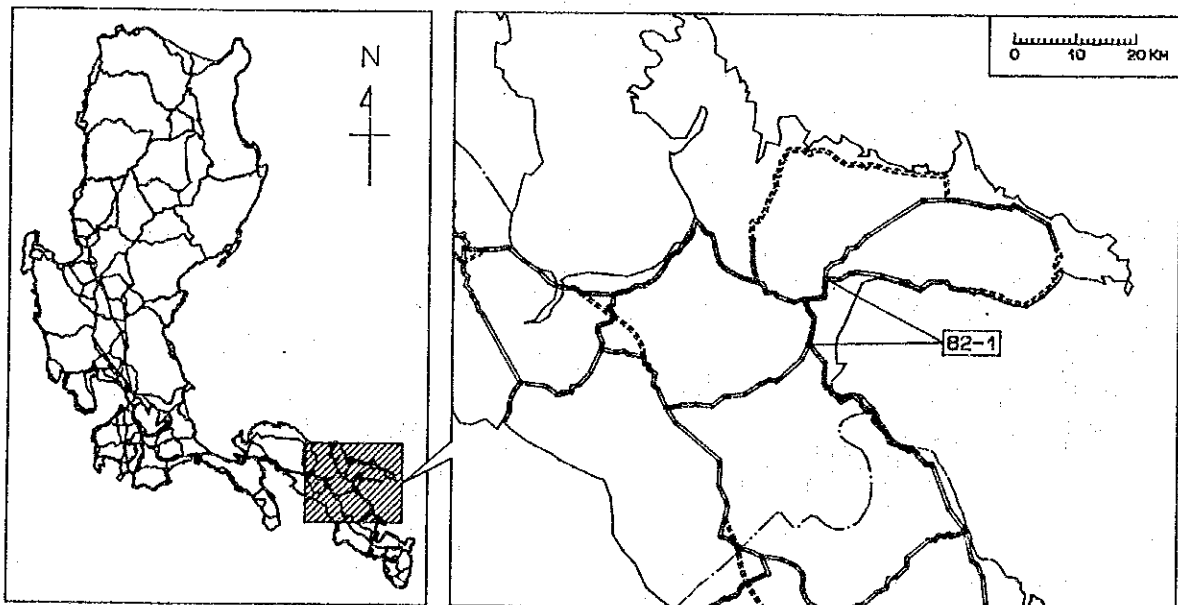
Name		Parigsa - Goa Road						Province: Camarines Sur	
Existing Road Condition		Segment 1: 21.0 km is 5.0 m AC in bad condition. 1.4 km is PCC in bad condition. Segment 2: No existing road. There are 4 proposed bridges (L=140 m) Segment 3: Mostly 5 m ACC and gravel in bad to very bad condition.						Population Coverage (1990): 441,009	
Objective		<ul style="list-style-type: none"> Strengthen Camarines Sur northern coastal links by connecting with road No. 60, 82 and 85 Strengthen economic linkage between San Miguel Bay and Lagonoy Gulf coastal area Promote provincial development (agriculture, fishery) 							
Segment		81-1		81-2		81-3		Total	
Location		Parigsa Tinambac		Tinambac Lalud		Lalud Goa			
Length (km)		22.4		15.0		10.1		47.5	
Traffic Volume		Year		1992		2010			
		Car		236		1,150		-	
		Jeepney		307		867		-	
		Bus		41		273		-	
		Truck		96		318		-	
Total		680		2,608		-		1,051	
Work Item:									
Rehabilitation (km)		1.4		-		-		1.4	
Pavement (km)		-		-		0.8		0.8	
Widen to 2 Lane Road (km)		21.0		-		8.6		29.6	
Const. of 2 Lane Road (km)		-		15.0		-		15.0	
Const. of 2 Lane Bridge (m)		-		140		-		140	
Cost: (P million)									
Right-of-Way		2.4		2.3		0.3		5.0	
Construction		127.8		341.9		73.6		543.3	
Engineering		15.3		41.0		8.8		65.1	
Total		145.5		385.2		82.7		613.4	
Implementation Schedule		from 2004 to 2005		2005 2006		2006 2006		2004 2006	
Economic Return		IRR = 20.9 %		B/C = 1.40				NPV = P29.5 M	
Remarks:									



PROJECT PROFILE

Project Number: 82

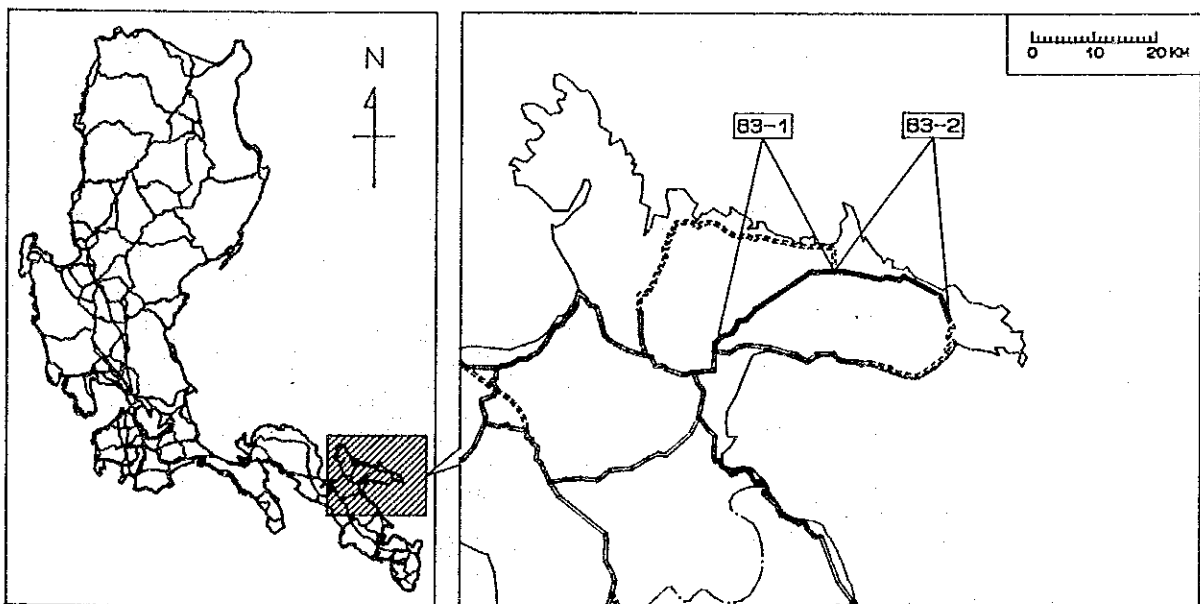
Name		Tigaon--Lagonoy Road				Province: Camarines Sur	
Existing Road Condition		Surface type is 6.0 m PCC and AC in good condition. There are 5 permanent bridges (total 74 m) with carriageway width of only 4.5 m.				Population Coverage (1990): 161,640	
Objective		<ul style="list-style-type: none"> • Strengthen Camarines Sur northern coastal link by connecting with road No. 81, 83, 84 and 86 • Strengthen economic linkage between Lagonoy Gulf and Camarines Sur northern coastal area • Promote provincial development (agriculture, fishery) 					
Location		from: Tigaon		to: Lagonoy			
Length (km)		17.2					
Traffic Volume		Car	Jeepney	Bus	Truck	Total	
		1992	539	618	142	243	1,542
		2010	1,341	948	281	372	2,942
Work Item:							
Const't. of 2 Lane Bridge (m)		74					
Cost: (P million)							
Right-of-Way		0.0					
Construction		22.7					
Engineering		2.7					
Total		25.4					
Implementation Schedule		from		1995			
		to		1995			
Economic Return		IRR = 54.2%		B/C = 3.75		NPV = P36.8 M	
Remarks:							



PROJECT PROFILE

Project Number: 83

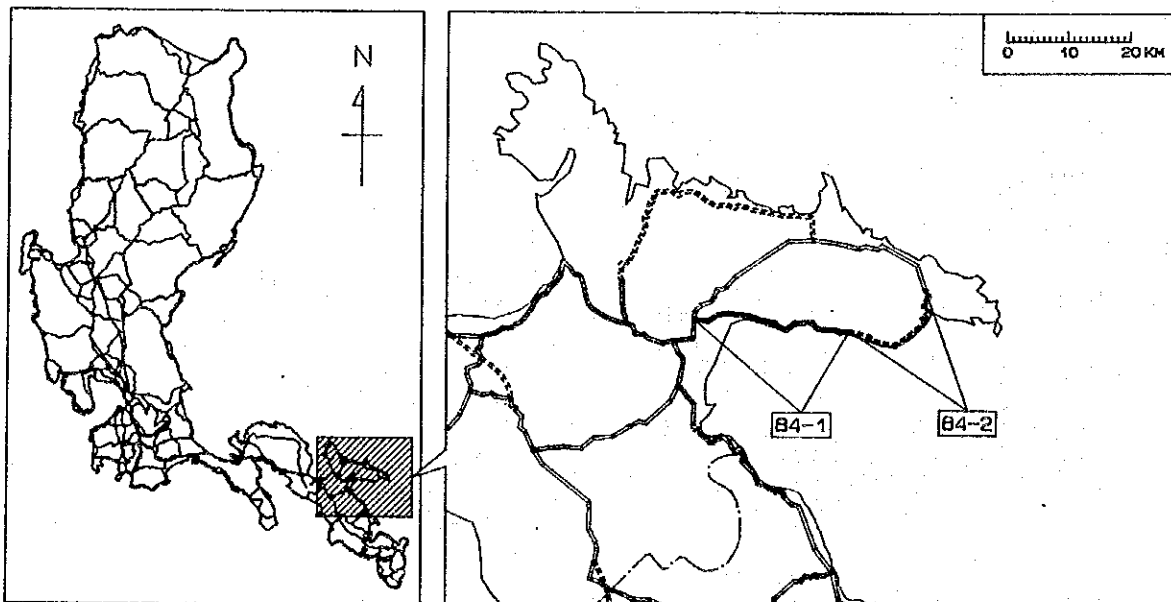
Name		Lagonoy-Caramoan Road				Province: Camarines Sur	
Existing Road Condition		Segment 1: Gravel Earth with 4.0 ~ 5.0 width in very bad condition over entire stretch. There is one spillway (L = 75 m). Segment 2: 4.0 m gravel road in very bad condition. Terrain is mostly mountainous. There are 15 temporary bridges (L = 226 m).				Population Coverage (1990): 161,114	
Objective		<ul style="list-style-type: none"> Strengthen Camarines Sur northern coastal link and inter-link of road No. 82, 84, and 85 Strengthen economic linkage between Lagonoy Gulf and Camarines Sur northern coastal areas Promote provincial development in agriculture and fishery 					
Segment		83-1		83-2		Total	
Location		Lagonoy Garchitorena		Garchitorena Caramoan			
Length (km)		48.0		36.7		84.7	
Traffic Volume		Year		1992		2010	
		Car		244		209	
		Jeepney		261		133	
		Bus		42		4	
		Truck		99		44	
Total		646		390			
Work Item:							
Widen to 2 Lane Road (km)		48.0		36.7		84.7	
Cons't. of 2 Lane Bridge (m)		75		226		301	
Cost: (P million)							
Right-of-Way		1.4		1.1		2.5	
Construction		764.5		655.9		1,420.4	
Engineering		91.7		78.7		170.4	
Total		857.6		735.7		1,593.3	
Implementation Schedule		from 1996 to 1998		from 1997 to 1999		1996 to 1999	
Economic Return		IRR = 22.5%		B/C = 1.57		NPV = P345.3 M	
Remarks:							



PROJECT PROFILE

Project Number: 84

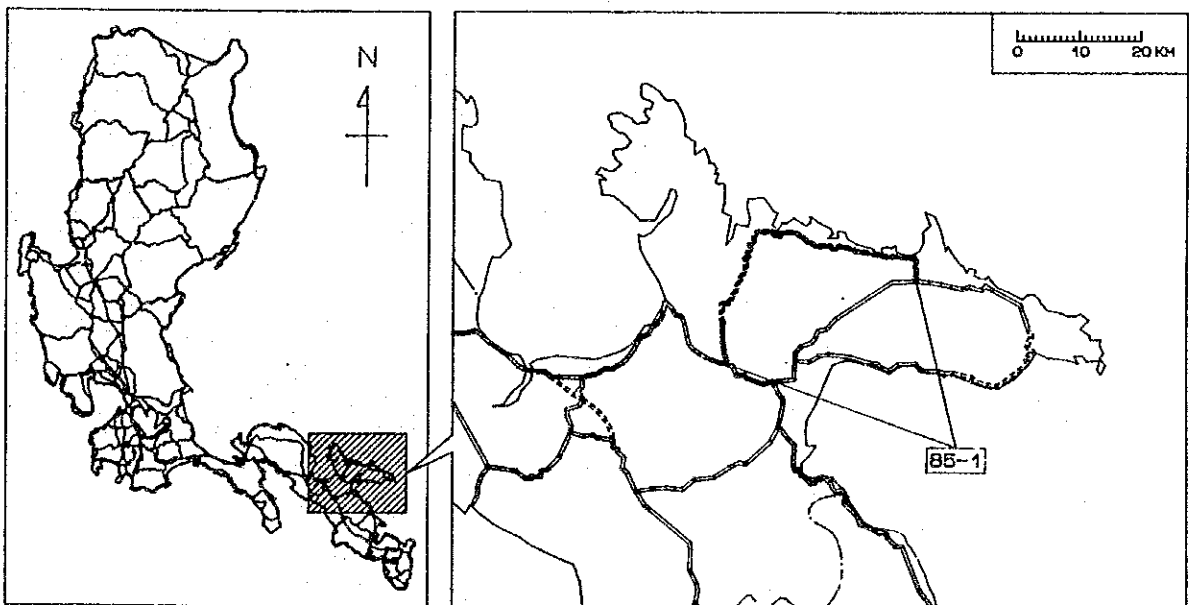
Name		Lagonoy--Presentacion--Caramoan Road				Province: Camarines Sur
Existing Road Condition		Segment 1: Entire section is 4.0 m gravel in very bad condition. Segment 2: No existing road over total stretch of the segment. Proposed alignment passes through coastal are of Caramoan Peninsula. Terrain is rugged mountainous.				Population Coverage (1990): 156,463
Objective		<ul style="list-style-type: none"> Strengthen Camarines Sur northern coastal link by connecting with road No. 82 and 83 Strengthen economic linkage between Gulf and Camarines Sur northern coastal area Promote provincial development (agriculture, fishery) 				
Segment		84-1		84-2		Total
Location		Lagonoy Presentacion		Presentacion Caramoan		
Length (km)		32.7		20.0		52.7
Traffic Volume		1992	2010	1992	2010	
Year		1992	2010	1992	2010	
Car		-	359	-	359	
Jeepney		-	242	-	242	
Bus		-	55	-	55	
Truck		-	89	-	89	
Total		-	745	-	745	
Work Item:						
Widen to 2 Lane Road (km)		32.7		-		32.7
Cons't. of 2 Lane Road (km)		-		20.0		20.0
Cons't. of 2 Lane Bridge (m)		30		430		460
Cost: (P million)						
Right-of-Way		1.0		3.0		4.0
Construction		528.0		534.4		1,062.4
Engineering		63.4		64.1		127.5
Total		592.4		601.5		1,193.9
Implementation Schedule		from 2002 to 2004		2002 2004		2002 2004
Economic Return		IRR = 20.0%		B/C = 1.35		NPV = P71.5 M
Remarks:						



PROJECT PROFILE

Project Number: 85

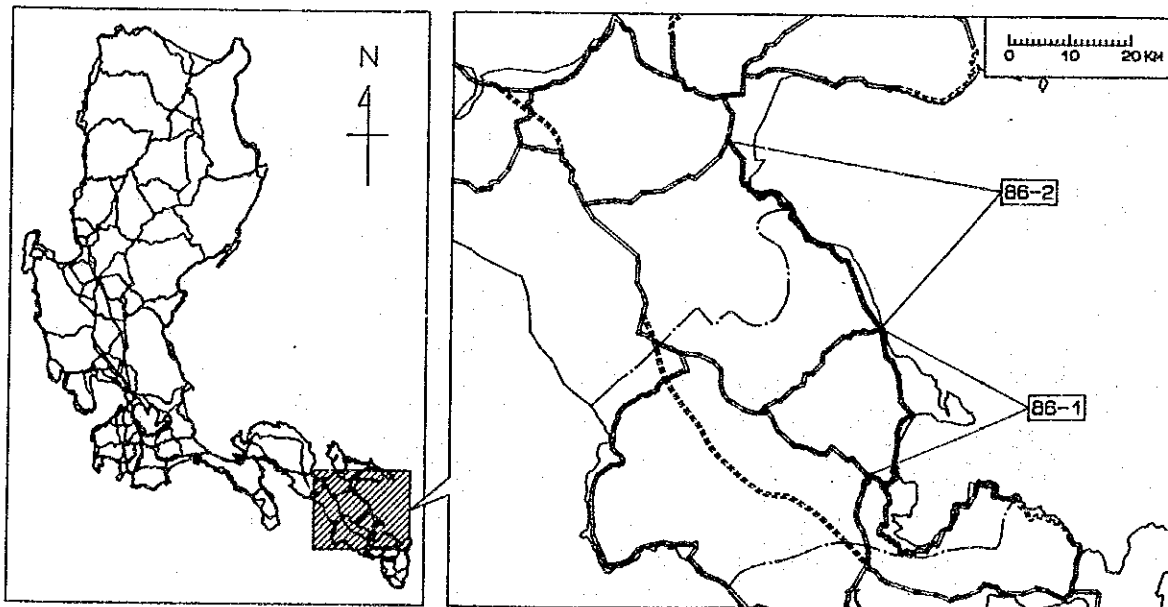
Name	Lalud-Garchitorena Road					Province: Camarines Sur
Existing Road Condition	Beginning 5.9 km in Lalud is earth road in very bad condition. Remaining 63.0 km is non-existing. Proposed alignment passes along Tambaan river and coastal line of Caramoan Peninsula. Terrain is rolling to mountainous.					Population Coverage (1990): 105,897
Objective	<ul style="list-style-type: none"> • Strengthen Camarines Sur coastal link by connecting with road No. 81 and 83 • Strengthen economic linkage between San Miguel Bay and Camarines Sur northern coastal area • Promote provincial development (agriculture, fishery) 					
Location	from: Lalud					to: Garchitorena
Length (km)	68.9 km					
Traffic Volume		Car	Jeepney	Bus	Truck	Total
	1992	7	8	1	3	19
	2010	156	110	38	44	348
Work Item:						
Pavement (km)	5.9					
Cons't. of 2 Lane Road (km)	63.0					
Cons't. of 2 Lane Bridge (m)	682					
Cost: (P million)						
Right-of-Way	9.5					
Construction	1,508.0					
Engineering	181.0					
Total	1,698.5					
Implementation Schedule	from	2005				
	to	2007				
Economic Return	IRR = 16.7%		B/C = 1.12		NPV = P21.6 M	
Remarks:						



PROJECT PROFILE

Project Number: 86

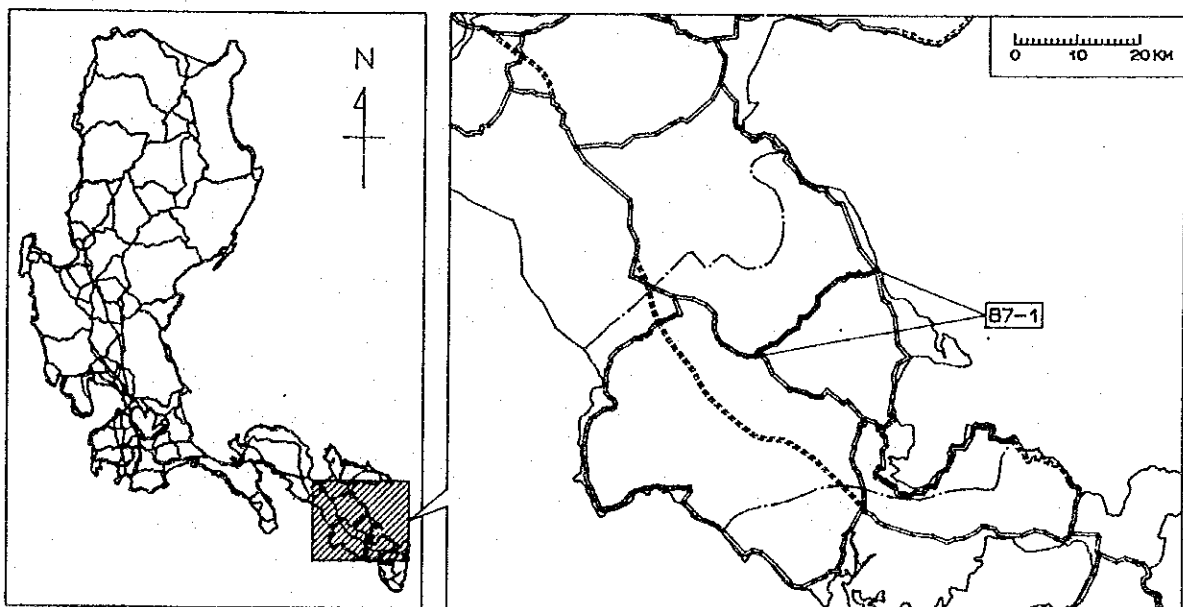
Name		Legaspi-Tigaon Road				Province: Cam. Sur. Albay	
Existing Road Condition		Segment 1: 28.5 km is paved PCC in good to fair condition. 2.9 km is still gravel. There are 3 spillways (total 263 m). Segment 2: More than one-half of the segment is PCC in fair condition. Remaining one half is AC/gravel in good condition. There are 7 temporary bridges (total 120 m).				Population Coverage (1990): 626,501	
Objective		<ul style="list-style-type: none"> • Strengthen Lagonoy coastal link and inter-link of road No. 82, 87 and 88 • Strengthen economic linkage between Lagonoy Gulf coastal area and provincial capital • Promote provincial development (agriculture, fishery, industry -- Legaspi Regional Industrial Center) 					
Segment		86-1		86-2		Total	
Location		Legaspi Tabaco		Tabaco Tigaon			
Length (km)		31.4		56.2		87.6	
Traffic Volume		Year		1992		2010	
		Car		615		1,557	
		Jeepney		935		1,784	
		Bus		242		500	
		Truck		172		298	
Total		1,964		4,139		181	
1992		2010		1992		2010	
Total		4,139		623		623	
Work Item:							
Pavement (km)		2.9		0.5		3.4	
Widen to 2 Lane Road (km)		-		22.8		22.8	
Cons't. of 2 Lane Bridge (m)		263		120		383	
Cost: (P million)							
Right-of-Way		0.0		0.7		0.7	
Construction		109.4		398.3		507.7	
Engineering		13.1		47.8		60.9	
Total		122.5		446.8		569.3	
Implementation Schedule		from 1999 to 1999		from 1999 to 2000		1999 to 2000	
Economic Return		IRR = 23.0%		B/C = 1.57		NPV = P91.9 M	
Remarks:							



PROJECT PROFILE

Project Number: 87

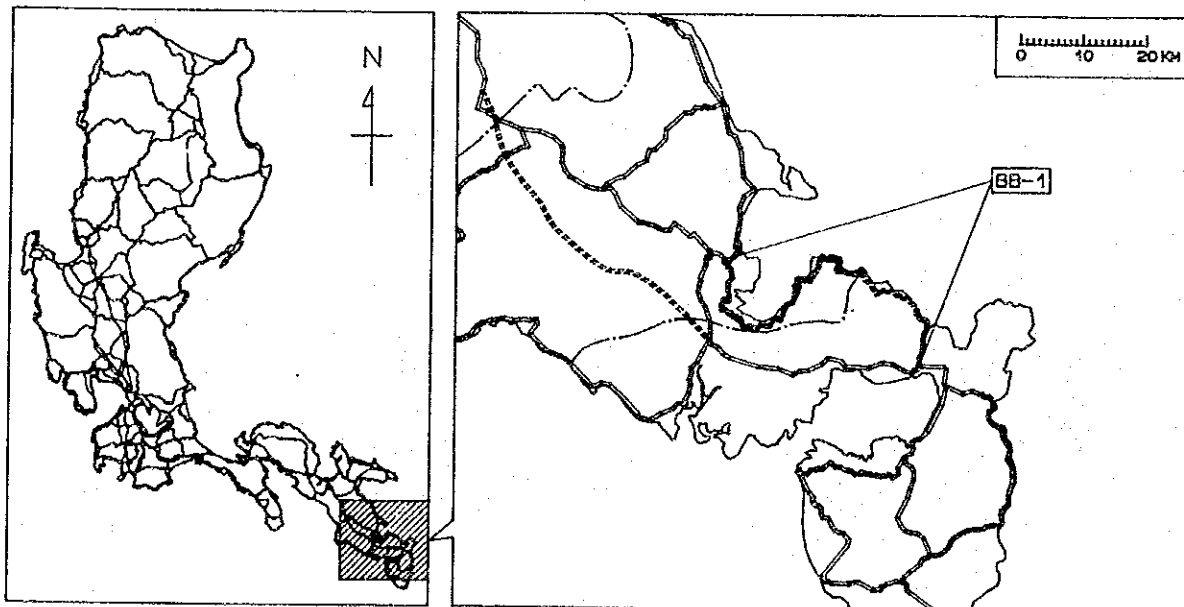
Name	Ligao-Tabaco Road					Province: Albay
Existing Road Condition	15.2 km is paved by concrete in good condition. 6.9 km is gravel less than 6.0 m width. 5.3 km is gravel in bad condition. Bridges are permanent and stable condition.					Population Coverage (1990): 387,309
Objective	<ul style="list-style-type: none"> Strengthen east-west link by connecting with road No. 86 and Pan-Philippine Highway Strengthen economic linkage between Lagonoy Gulf and inland of Albay Promote provincial development (agriculture, fishery) 					
Location	from: Ligao					to: Tabaco
Length (km)						27.4
Traffic Volume		Car	Jeepney	Bus	Truck	Total
	1992	143	103	87	139	472
	2010	380	198	186	245	1,009
Work Item:						
Pavement (km)						5.3
Widened to 2 Lane Road (km)						6.9
Cost: (P million)						
Right-of-Way						0.8
Construction						70.7
Engineering						8.5
Total						80.0
Implementation Schedule	from					1994
	to					1994
Economic Return	IRR = 89.0%		B/C = 6.53		NPV = P269.6 M	
Remarks:						



PROJECT PROFILE

Project Number: 88

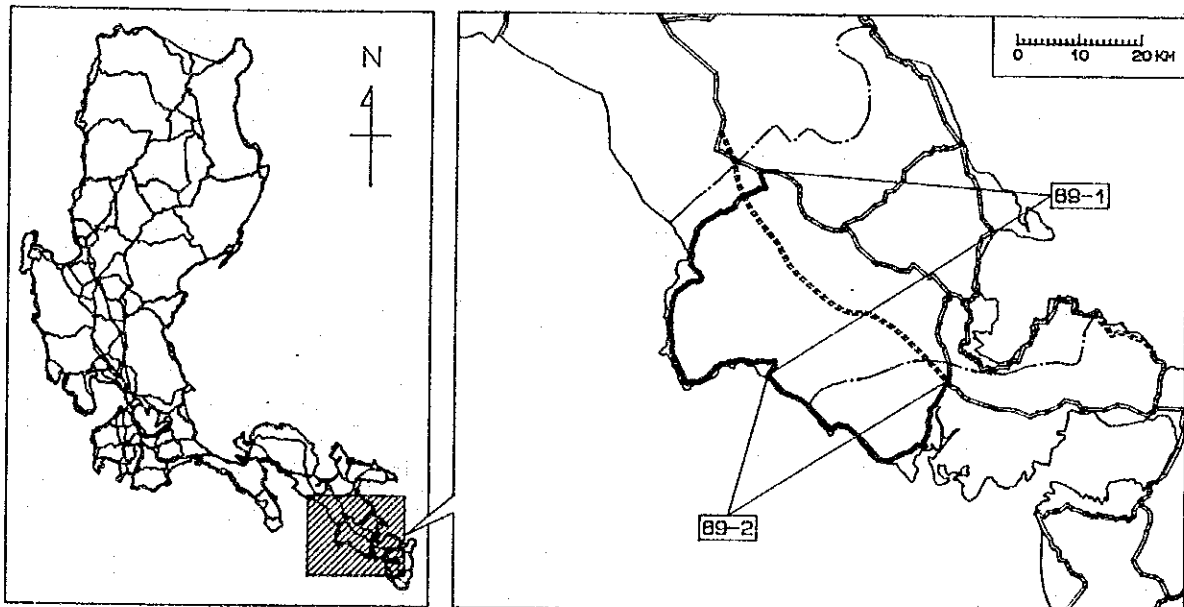
Name		Legaspi--Manito--Sorsogon Road				Province: Albay, Sorsogon
Existing Road Condition		There is non-existing section over 20 km between Manito-Bacon. In existing road sections, 29.7 km is AC or gravel in bad condition with carriageway width less than 5.0 m. Remaining section (L = 32.4 km) is concrete in good condition. There are several cut slope and embankment slope failure sections (L = 400 m) in Legaspi - Manito section.				Population Coverage (1990): 326,736
Objectives		<ul style="list-style-type: none"> • Strengthen Albay Gulf coastal link • Strengthen economic linkage between Albay Gulf coastal area and provincial capital • Promote regional/provincial development 				
Location		from: Legaspi to: Sorsogon				
Length (km)		82.1				
Traffic Volume		Car	Jeepney	Bus	Truck	Total
1992		9	10	4	4	27
2010		25	17	6	7	55
Work Item:						
Widen to 2 Lane Road (km)		29.7				
Const. of 2 Lane Road (km)		20.0				
Const. of 2 Lane Bridge (m)		461				
Disaster Prevention (m)		400				
Cost: (P million)						
Right-of-Way		3.9				
Construction		738.2				
Engineering		88.6				
Total		830.7				
Implementation Schedule		from		2003		
		to		2005		
Economic Return		IRR = 19.6%		B/C = 1.34		NPV = P41.0 M
Remarks:						



PROJECT PROFILE

Project Number: 89

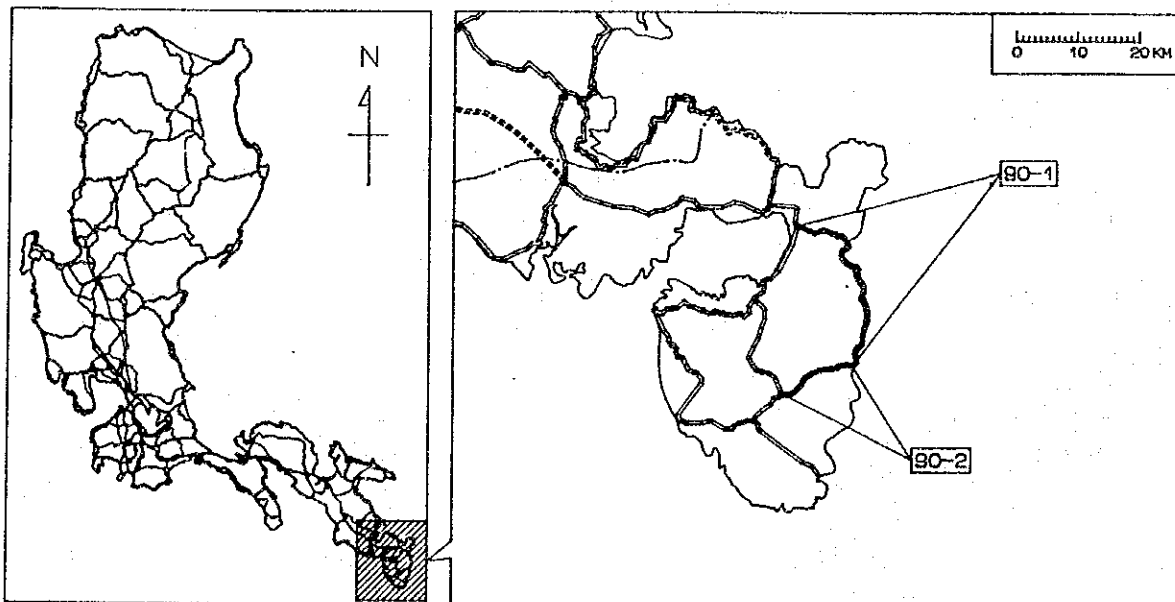
Name		Matacong - Putiao Road				Province: Albay, Sorsogon
Existing Road Condition		Segment 1: There is 16.6 km impassable section. 9 km is paved with PCC in good condition. 42.1 km is gravel/earth with less than 5.5 m width. Segment 2: There is 18.1 km impassable section. 17.8 m is paved with AC. 11.9 km is gravel with mostly narrow width. 4.4 km is PCC in fair condition.				Population Coverage (1990): 326,107
Objective		<ul style="list-style-type: none"> Strengthen Burias Pass coastal link (Albay - Sorsogon) Strengthen economic linkage between Burias Pass coastal area and Pan-Philippine Highway Promote regional/provincial development (agriculture, fishery) 				
Segment		89-1		89-2		Total
Location		Matacong Pio Duran		Pio Duran Putiao		
Length (km)		76.6		52.2		128.8
Traffic Volume		Year	1992	2010	1992	2010
		Car	4	152	53	258
		Jeepney	18	377	163	406
		Bus	1	50	10	29
		Truck	2	65	53	81
		Total	25	644	279	774
Work Item:						
Rehabilitation (km)		2.2		2.7		4.9
Pavement (km)		6.4		2.4		8.8
Widen to 2 Lane Road (km)		42.1		22.0		64.1
Cons't. of 2 Lane Road (km)		16.6		18.1		34.7
Cons't. of 2 Lane Bridge (m)		373		133		506
Disaster Prevention (m)		100		-		100
Cost: (P million)						
Right-of-Way		5.0		0.0		5.0
Construction		620.0		432.2		1,052.2
Engineering		74.4		51.9		126.3
Total		699.4		484.1		1,183.5
Implementation Schedule		from	1999		1999	1999
		to	2001		2000	2001
Economic Return		IRR = 22.7%		B/C = 1.59		NPV = P187.6 M
Remarks:						



PROJECT PROFILE

Project Number: 90

Name		Abayog-Bulusan-Irosin Road				Province: Sorsogon	
Existing Road Condition		Segment 1: Abuyog-Barcelona section (L=11.7 km) is good condition Barcelona-Bulusan section is mostly paved by AC but carriageway width is less than 5.0 m. There is 1000 m flood prone section. Segment 2: Most section is paved by AC but carriageway width is 3.0 ~ 4.0 m.				Population Coverage (1990): 255,675	
Objective		<ul style="list-style-type: none"> Strengthen Southern Sorsogon coastal link Strengthen economic linkage between Sorsogon southeast coastal area and provincial capital Promote provincial development (agriculture, industry) 					
Segment		90-1		90-2		Total	
Location		Abuyog Bulusan		Bulusan Irosin			
Length (km)		33.4		16.5		49.9	
Traffic Volume		Year	1992	2010	1992	2010	
		Car	-	94	47	7	
		Jeepney	-	99	58	1	
		Bus	-	30	18	0	
		Truck	-	36	25	1	
		Total	-	259	148	9	
Work Item:							
Widen to 2 Lane Road (km)		20.0		15.8		35.8	
Disaster Prevention (m)		1000		-		1000	
Cost: (P million)							
Right-of-Way		2.4		0.5		2.9	
Construction		167.6		141.7		309.3	
Engineering		20.1		17.0		37.1	
Total		190.1		159.2		349.3	
Implementation Schedule		from 2009 to 2010		2009 2010		2009 2010	
Economic Return		IRR = 18.4%		B/C = 1.28		NPV = P10.2 M	
Remarks:							



PROJECT PROFILE

Project Number: 91

Name		Juban–Magallanes–Gabo Road				Province: Sorsogon
Existing Road Condition		Segment 1: 5.9 km is PCC in good condition. Remaining 19.1 km is 4.0 to 4.5 m width of AC and gravel in bad condition. Segment 2: There is no existing road between Magallanes–Bulan. (L = 22.7 km). Existing road in Bulan–Gate section (L = 16.6 km) is PCC good condition.				Population Coverage (1990): 172,039
Objective		<ul style="list-style-type: none"> Strengthen southern Sorsogon coastal link Strengthen economic linkage between Sorsogon southwest coastal area and provincial capital Promote provincial development (agriculture, industry) 				
Segment		91–1		91–2		Total
Location	from to	Juban Magallanes		Magallanes Gate		
Length	(km)	25.0		39.3		64.3
Traffic Volume	Year	1992	2010	1992	2010	
	Car	53	118	30	68	
	Jeepney	58	98	77	126	
	Bus	24	40	12	21	
	Truck	40	60	27	41	
	Total	175	316	146	256	
Work Item:						
Widen to 2 Lane Road (km)		19.1		–		19.1
Cons't. of 2 Lane Road (km)		–		22.7		22.7
Cons't. of 2 Lane Bridge (m)		6		50		56
Cost: (P million)						
Right-of-Way		1.1		0.0		1.1
Construction		150.4		460.7		611.1
Engineering		18.0		55.3		73.3
Total		169.5		516.0		685.5
Implementation Schedule	from to	2005 2006		2005 2007		2005 2007
Economic Return		IRR = 15.7 %		B/C = 1.05		NPV = P3.7 M
Remarks:						

