PROJECT PROFILE

Project Number: **MI 50** Classification : Strategic Road (B)

Road Name	Manolo Fortich - Misamis Oriental Road	Province: Misamis Oriental, Bukidnon

Existing Road Condition

MI 50-1 L=17.90km (Mountainous) — MI 50-2 L=3.90km (Rolling / Flat)

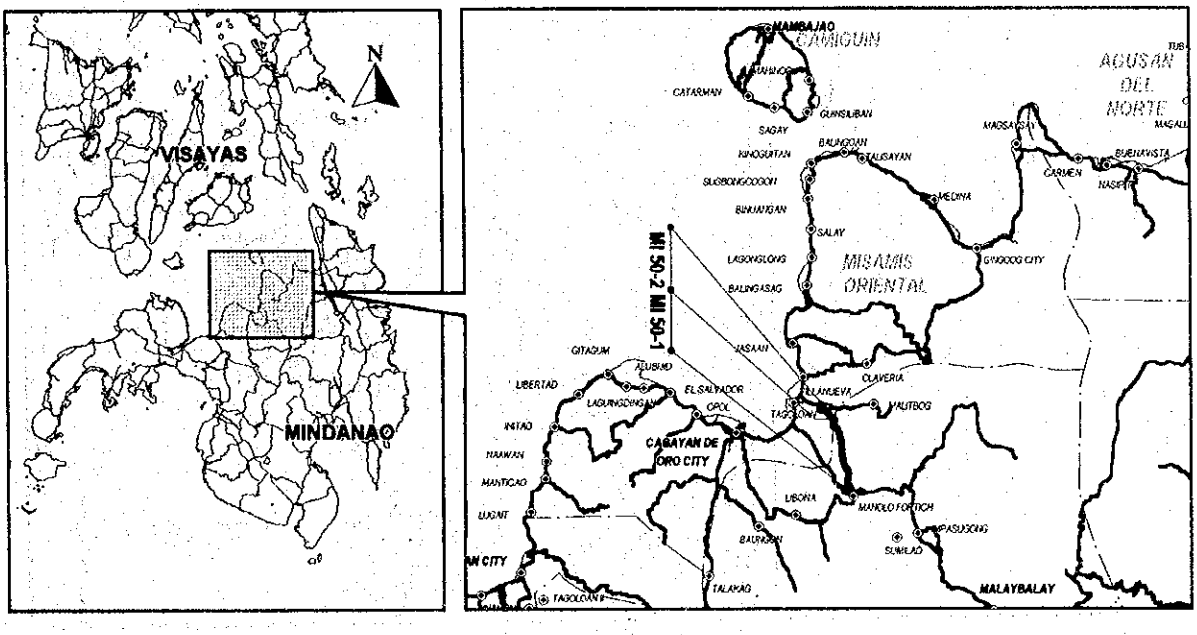
Manolo Fortich — Jct. Sta. Ana

: PCC G: Good
: AC F: Fair
: Gravel B: Bad
: Earth V: V. Bad
: Impassable/not existing
: Underconstruction

Objective:
- Provide new road link from Bukidnon to Misamis Oriental to have direct access to outskirts of Cagayan de Oro City
- Mitigate traffic congenstion at Cagayan de Oro area.

Segment		MI 50 - 1		MI 50 -2		Total	
Location	from	Manolo Fortich		Boundary Bukidnon - Misamis Oriental			
	to	Boundary Bukidnon - Misamis Oriental		Jct. Sta Ana			
Length	(km)	17.90		3.9		21.80	
Traffic Volume	Year	1997	2016	1997	2016		
	Car	-	2	-	2		
	Jeepney	-	-	-	-		
	Bus	-	-	-	-		
	Truck	-	43	-	43		
	Total	0	45	0	45		
Work Item/Cost (MP)		Length	Cost	Length	Cost	Length	Cost
Rehabilitation (km)		-	-	-	-	-	-
Improvement (km)		-	-	-	-	-	-
New Construction (km)		17.90	456.27	3.90	77.39	21.80	533.66
Widening (km)							
Bridge Construction (m)		250.00	87.50	250.00	87.50	500.00	175.00
Disaster Prevention (m)		-	-	-	-	-	-
Total			543.77		164.89		708.66
Project Cost: (MP)							
Right-of-Way			10.74		5.01		15.75
Construction			543.77		164.89		708.66
Engineering			76.13		23.09		99.22
Total			630.64		192.99		823.63
Implementation Schedule	from	To be assessed in later years		To be assessed in later years			
	to						
Economic Return (IRR%)		-		-			

Environmental Impact: **(MEDIUM)** : The project is to construct new road along agricultural and waste land area. Right-of-way acquisition is needed.

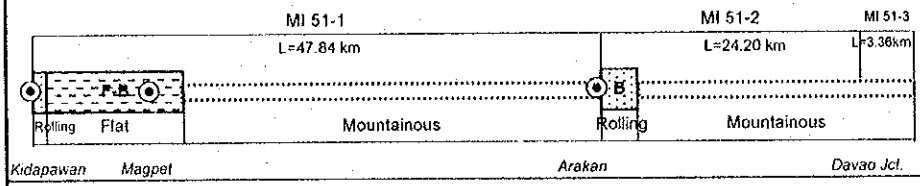


PROJECT PROFILE

Project Number: **MI 51** Classification : Strategic Road (B)

Road Name	Kidapawan -Arakan -Davao Road	Province: North Cotabato, Davao City

Existing Road Condition

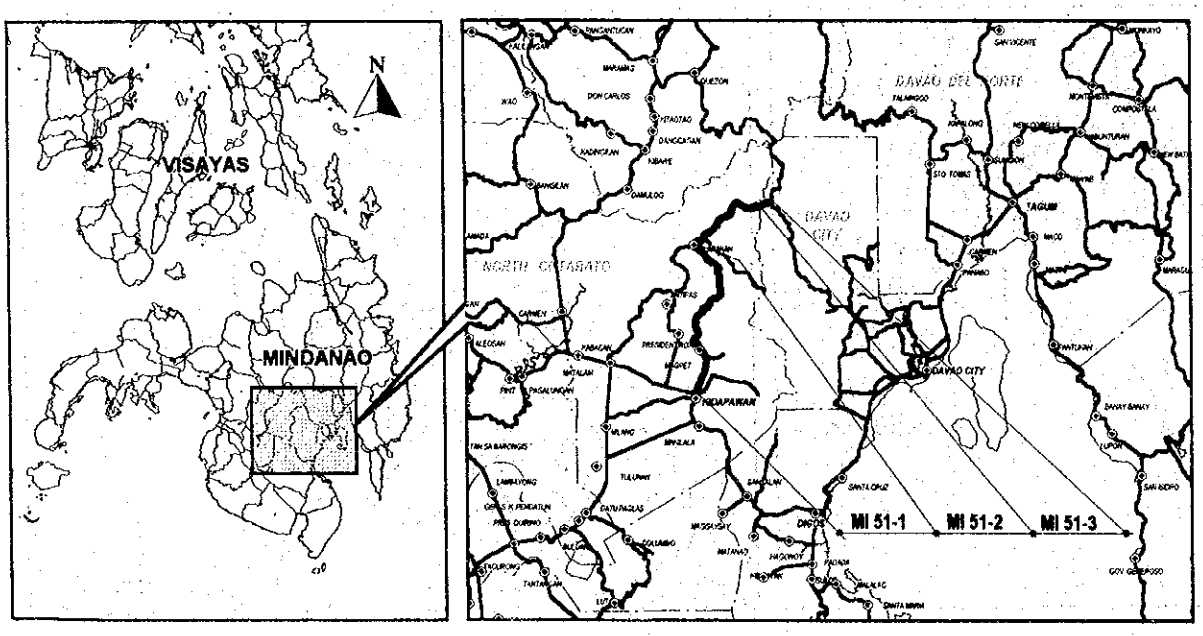


PCC G: Good
AC F: Fair
Gravel B: Bad
Earth V. V. Bad
Impassable/not existing
Underconstruction

Objective:
- Provide basic transport means to remote barabgays at inland area of North Cotabato.
- Promote agricultural development in the area

Segment		MI 51-1		MI 51-2		MI 51-3		Total	
Location	from	Kidapawan		Arakan		Bdry. North Cotabato - Davao City			
	to	Arakan		Bdry. North Cotabato - Davao City		Davao Jct. Caliran Rd.			
Length	(km)	47.84		24.20		3.36		75.40	
Traffic Volume	Year	1997	2016	1997	2016	1997	2016		
	Car	-	899	-	561	-	561		
	Jeepney	-	197	-	49	-	49		
	Bus	-	127	-	112	-	112		
	Truck	-	384	-	304	-	304		
	Total	0	1,607	0	1,026	0	1,026		
Work Item/Cost (MP)		Length	Cost	Length	Cost	Length	Cost	Length	Cost
Rehabilitation (km)		1.16	8.71	3.20	32.00	-	-	4.36	40.71
Improvement (km)		11.61	152.85	-	-	-	-	11.61	152.85
New Construction (km)		35.07	893.96	21.00	535.29	3.36	85.65	59.43	1,514.90
Widening (km)		-	-	-	-	-	-	-	-
Bridge Construction (m)		200.00	70.00	35.00	12.25	-	-	235.00	82.25
Disaster Prevention (m)		3,150.00	94.80	-	-	-	-	3,150.00	94.80
Total			1,220.32		579.54		85.65		1,885.51
Project Cost: (MP)									
Right-of-Way			21.04		12.60		2.02		35.66
Construction			1,220.32		579.54		85.65		1,885.51
Engineering			170.85		81.14		11.99		263.98
Total			1,412.21		673.28		99.66		2,185.15
Implementation Schedule	from	July 2011		July 2011		July 2011			
	to	June 2015		June 2014		June 2012			
Economic Return (IRR%)		28.58		29.68		27.71			

Environmental Impact: **(MEDIUM)** The project is to construct new road along existing trail. Right of way acquisition is required. No significant impact on fauna and flora.



PROJECT PROFILE

Project Number : **MI 52** Classification : Strategic Road (B)

Road Name	Tampakan - Malungon Road	Province: Saranggani, South Cotabato

Existing Road Condition

	MI 52-1		MI 52-2	
	L = 37.92 km		L = 28.39 km	
	G - F	R - V	V	G - F
	Flat	Rolling-Mountainous	Mountainous-Rolling	Flat

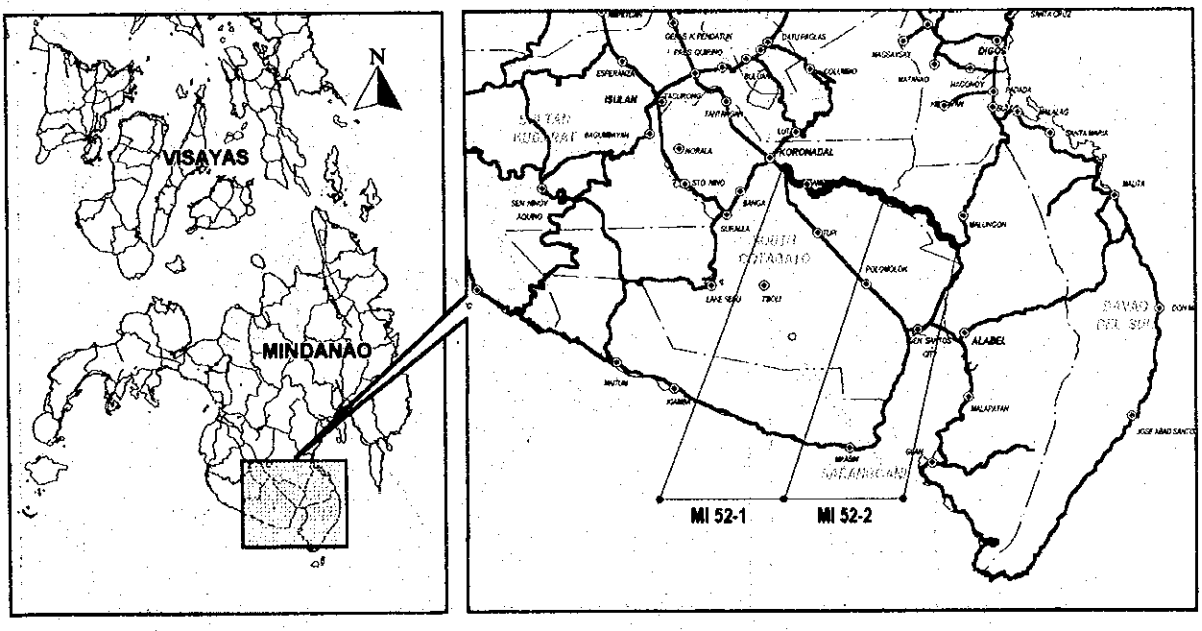
Jct. Marbel Road Tampakan — *Jct. Digos Makal Road*

: PCC G: Good
: AC F: Fair
: Gravel B: Bad
: Earth V. V. Bad
: Impassable/not existing
: Underconstruction

Objective:
- Strengthen Saranggani - Cotabato link by upgrading existing road
- Provide shorter and faster access to Koronadal from Davao City

Segment		MI 52-1		MI 52-2		Total	
Location	from	Jct. Marbel Road		Brgy. Miasong			
	to	Brgy. Miasong		Jct. Digos-Makar Road			
Length	(km)	37.92		28.39		66.31	
Traffic Volume	Year	1997	2016	1997	2016		
	Car	-	483	-	483		
	Jeepney	-	36	-	36		
	Bus	-	182	-	182		
	Truck	-	134	-	134		
	Total	0	835	0	835		
Work Item/Cost (MP)		Length	Cost	Length	Cost	Length	Cost
Rehabilitation (km)		-	-	-	-	-	-
Improvement (km)		35.98	594.53	28.40	521.95	64.38	1,116.48
New Construction (km)		-	-	-	-	-	-
Widening (km)		-	-	-	-	-	-
Bridge Construction (m)		85.00	29.75	185.00	64.75	270.00	94.50
Disaster Prevention (m)		1,116.56	74.35	899.91	73.74	2,016.47	148.09
Total			698.63		660.44		1,359.07
Project Cost: (MP)							
Right-of-Way			-		-		-
Construction			698.63		660.45		1,359.08
Engineering			97.81		92.46		190.27
Total			796.44		752.91		1,549.35
Implementation Schedule	from	Jan. 2010		Jan. 2013			
	to	Dec. 2012		Dec. 2015			
Economic Return (IRR%)		24.51		39.67			

Environmental Impact: (LOW) : The project is to improve existing gravel road. No environmental significant impact is expected.

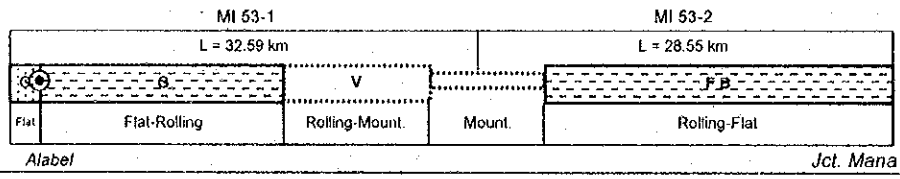


PROJECT PROFILE

Project Number : **MI 53** Classification : Strategic Road (B)

Road Name	Alabel - Lais Road	Province: Sarangani, Davao del Sur

Existing Road Condition

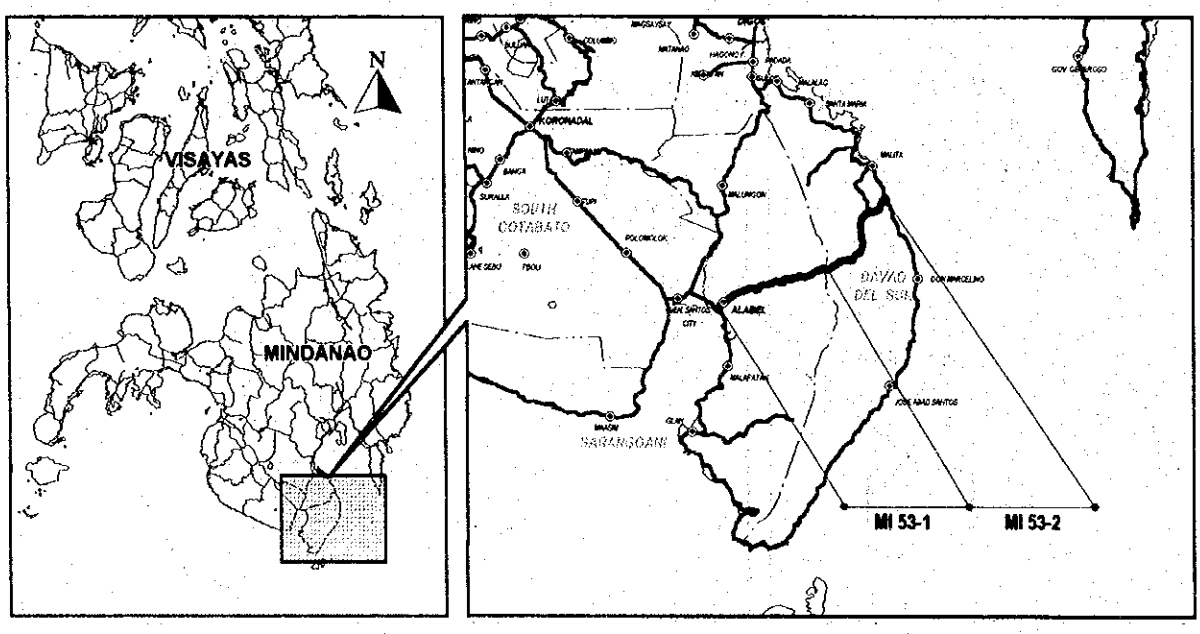


: PCC G: Good
: AC F: Fair
: Gravel B: Bad
: Earth V: V. Bad
: Impassable/not existing
: Underconstruction

Objective:
- Provide east-west link at Saranggani Peninsula by constructing new road
- Strengthen economic linkage between east and west coastal area of the Peninsula
- Promote provincial development in agriculture, fishery and tourism

Segment		MI 53-1		MI 53-2		Total	
Location	from	Jct. Alabel Road		Boundary Sarangani-Davao del Sur			
	to	Boundary Sarangani-Davao del Sur		Jct. Mana			
Length	(km)	32.59		28.55		61.14	
Traffic Volume	Year	1997	2016	1997	2016		
	Car	-	30	-	30		
	Jeepney	-	1	-	1		
	Bus	-	2	-	2		
	Truck	-	13	-	13		
	Total	0	46	0	46		
Work Item/Cost (MP)		Length	Cost	Length	Cost	Length	Cost
Rehabilitation (km)		-	-	-	-	-	-
Improvement (km)		27.06	528.21	23.99	413.50	51.05	941.71
New Construction (km)		3.33	84.91	4.56	116.26	7.89	201.17
Widening (km)		-	-	-	-	-	-
Bridge Construction (m)		113.00	39.55	350.00	122.50	463.00	162.05
Disaster Prevention (m)		470.00	41.91	-	-	470.00	41.91
Total			694.58		652.26		1,346.84
Project Cost: (MP)							
Right-of-Way			2.00		2.74		4.74
Construction			694.58		652.26		1,346.84
Engineering			97.24		91.32		188.56
Total			793.82		746.32		1,540.14
Implementation Schedule	from	To be assessed in later years		To be assessed in later years			
	to						
Economic Return (IRR%)		-		-			

Environmental Impact: **(MEDIUM)** : The project is to improve existing gravel/earth road and construct new road at missing sections. The road passes through old growth forest area.

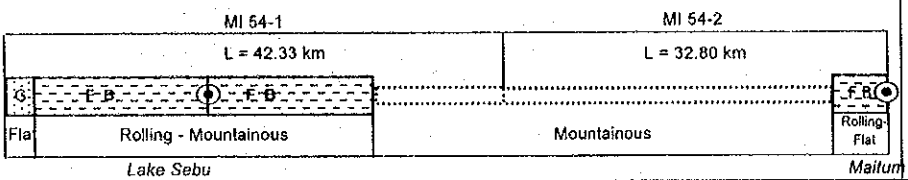


PROJECT PROFILE

Project Number: **MI 54** Classification : Strategic A

Road Name	Surallah - Lake Sebu - Maitum Road.	Province: South Cotabato, Saranggani

Existing Road Condition

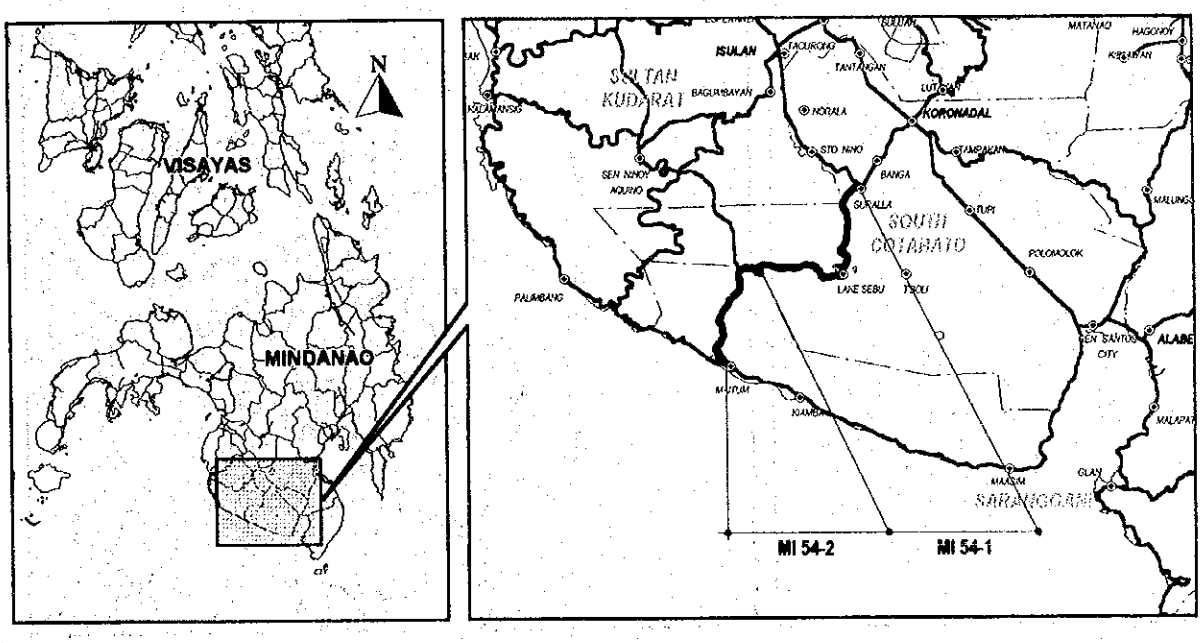


: PCC G: Good
: AC F: Fair
: Gravel B: Bad
: Earth V: V. Bad
: Impassable/not existing
: Underconstruction

Objective:
- Provide new link connecting South Cotabato and Saranggani coastal area
- Strengthen economic linkage between two provinces
- Promote provincial development in agriculture, fishery and tourism

Segment		MI 54 -1		MI 54 - 2		Total	
Location	from	South Cotabato		Boundary South Cotabato - Saranggani			
	to	Boundary South Cotabato - Saranggani		Maitum			
Length	(km)	42.33		32.80		75.13	
Traffic Volume	Year	1997	2016	1997	2016		
	Car	60	1,019	-	261		
	Jeepney	30	352	-	118		
	Bus	5	48	-	4		
	Truck	50	293	-	97		
	Total	145	1,712	0	480		
Work Item/Cost (MP)		Length	Cost	Length	Cost	Length	Cost
Rehabilitation (km)		-	-	-	-	-	-
Improvement (km)		29.11	475.30	4.82	89.43	33.93	564.73
New Construction (km)		11.27	287.40	27.98	713.29	39.25	1,000.69
Widening (km)		-	-	-	-	-	-
Bridge Construction (m)		183.30	64.15	-	-	183.30	64.15
Disaster Prevention (m)		830.00	76.49	-	-	830.00	-
Total			903.34		802.72		1629.57
Project Cost: (MP)							
Right-of-Way			6.76		16.79		23.55
Construction			903.35		802.72		1,706.07
Engineering			126.47		112.38		238.85
Total			1,036.58		931.89		1,968.47
Implementation Schedule	from	Jan. 2004		Jan. 2007			
	to	Dec. 2006		Dec. 2009			
Economic Return (IRR%)		16.67		13.93			

Environmental Impact: **(MEDIUM)** : The project is to improve existing gravel road and construct new road. Right of way acquisition and resettlement of residents may be required.

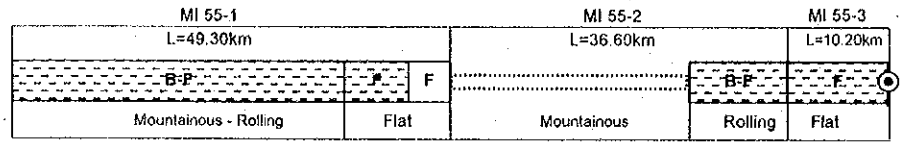


PROJECT PROFILE

Project Number: **MI 55** Classification : Strategic Road (B)

Road Name	Lebak-Maganoy-Sultan Barongis Road	Province: Sultan Kudarat, Maguindanao

Existing Road Condition

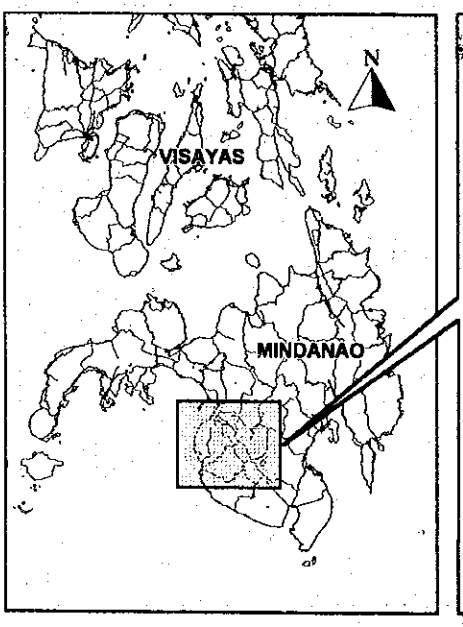


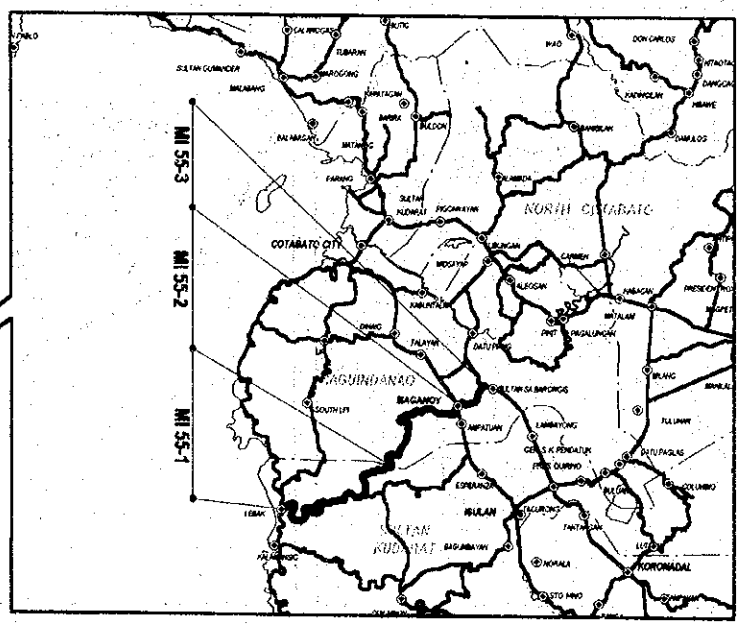
: PCC G: Good
: AC F: Fair
: Gravel B: Bad
: Earth V: V. Bad
: Impassable/not existing
: Underconstruction

Objective:
- Provide new link connecting Maguindanao and Sultan Kudarat
- Strengthen economic linkage between two provinces
- Promote provincial development in agricultural, fishery and tourism

Segment		MI 55-1		MI 55-2		MI 55-3		Total	
Location	from	Jct. Cotabato - Upi - Kalamansig Road		Boundary Sultan Kudarat - Maguindanao		Jct. Marbel Allah-Cot. Road			
	to	Boundary Sultan Kudarat - Maguindanao		Jct. Marbel Allah-Cot. Road		Jct. Sapakan			
Length	(km)	47.30		36.60		10.20		94.10	
Traffic Volume	Year	1997	2016	1997	2016	1997	2016		
	Car	-	347	-	347	30	1,400		
	Jeepney	-	214	-	214	22	863		
	Bus	-	1	-	1	1	29		
	Truck	-	96	-	96	12	413		
	Total	0	658	0	658	65	2,705		
Work Item/Cost (MP)		Length	Cost	Length	Cost	Length	Cost	Length	Cost
Rehabilitation (km)		0.50	3.64	0.80	6.11	-	-	1.30	9.75
Improvement (km)		46.80	751.71	10.13	171.89	10.20	134.33	67.13	1,057.93
New Construction (km)		2.00	50.98	25.67	654.33	-	-	27.67	705.31
Widening (km)		-	-	-	-	-	-	-	-
Bridge Construction (m)		72.00	24.60	47.00	16.45	186.00	65.10	305.00	106.15
Disaster Prevention (m)		26,000.00	150.52	-	-	-	-	2,600.00	150.52
Total			981.45		848.78		199.43		2,029.66
Project Cost: (MP)									
Right-of-Way			1.20		15.40		-		16.60
Construction			981.46		848.78		199.43		2,029.67
Engineering			137.40		118.83		27.92		284.15
Total			1,120.06		983.01		227.35		2,330.42
Implementation Schedule	from	Jan. 2011		Jan. 2011		Jan. 2011			
	to	Dec. 2013		Dec. 2013		Dec. 2012			
Economic Return (IRR%)		14.48		17.15		29.76			

Environmental Impact: **(MEDIUM)** : The project is to improve existing gravel road and construct new road at segment 2. Right-of-way acquisition is required. No significant impact on natural environment.



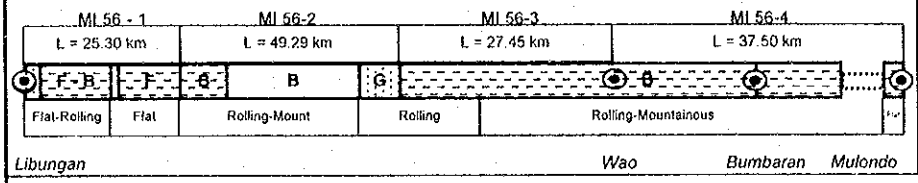


PROJECT PROFILE

Project Number : **MI 56** Classification : Strategic Road (B)

Road Name	Libungan - Banisilan - Wao - Malanod Road	Province: North Cotabato, Lanao del Sur

Existing Road Condition

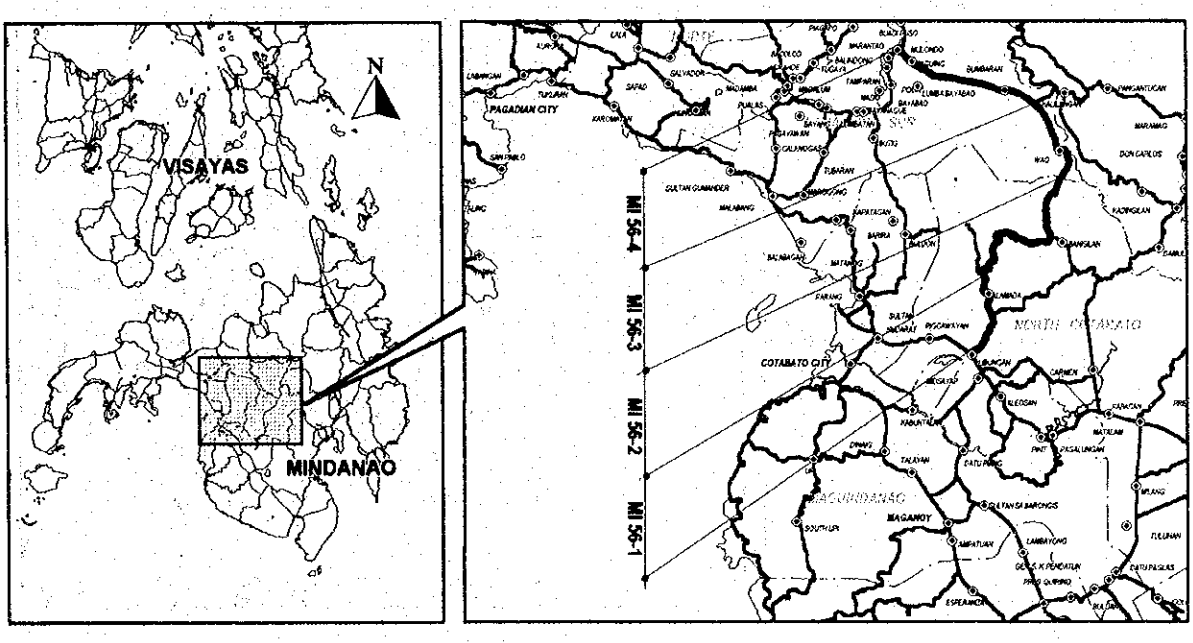


PCC G: Good
AC F: Fair
Gravel B: Bad
Earth V: V. Bad
Impassable/not existing
Underconstruction

Objective:
- Strengthen existing link between Lanao del Sur and North Cotabato through central Mindanao
- Strengthen economic linkage between two provinces
- Promote provincial development in agriculture, fishery and tourism

Segment		MI 56-1		MI 56-2		MI 56-3		MI 56-4		Total	
Location	from	Libungan		Barangiran		Boundary North Cotabato Lanao del Sur		Wao			
	to	Barangiran		Boundary Lanao del Sur		Wao		Mulondo			
Length	(km)	25.30		49.29		22.45		37.50		134.54	
Traffic Volume	Year	1997	2016	1997	2016	1997	2016	1997	2016		
	Car	263	935	-	394	-	164	15	294		
	Jeepney	138	365	-	144	-	30	23	88		
	Bus	29	99	-	63	-	46	6	22		
	Truck	85	426	-	279	-	203	22	293		
	Total	515	1,825	-	880	-	443	66	697		
Work Item/Cost (MP)		Length	Cost	Length	Cost	Length	Cost	Length	Cost	Length	Cost
Rehabilitation (km)		-	-	-	-	-	-	-	-	-	-
Improvement (km)		21.89	344.16	42.57	800.88	22.45	464.14	30.50	589.98	117.41	2199.16
New Construction (km)		-	-	-	-	-	-	-	161.59	-	161.59
Widening (km)		-	-	-	-	-	-	6.50	-	6.50	
Bridge Construction (m)		104.56	20.48	250.00	87.50	65.00	22.75	182.00	63.70	601.56	194.43
Disaster Prevention (m)		1,200.00	36.50	1125.00	85.00	-	-	-	-	2,325.00	121.50
Total			401.14		973.38		486.89		815.27		2676.68
Project Cost: (MP)											
Right-of-Way			-		-		-		4.35		4.35
Construction			401.15		973.38		486.89		815.27		2,676.69
Engineering			56.16		136.27		68.17		114.14		374.74
Total			457.31		1,109.65		555.06		933.76		3,055.78
Implementation Schedule	from	Jan. 2009		Jan. 2011		July 2007		Jan. 2011			
	to	Dec. 2010		Dec. 2013		June 2009		Dec. 2013			
Economic Return (IRR %)		21.12		21.78		18.85		27.74			

Environmental Impact: **(LOW)** : The project is to improve existing gravel/earth road. No significant environmental impact is expected.



PROJECT PROFILE

Project Number: **MI 57** Classification : Strategic Road (B)

Road Name	Wao - Kalilangan	Province: Lanao del Sur, Bukidnon

Existing Road Condition

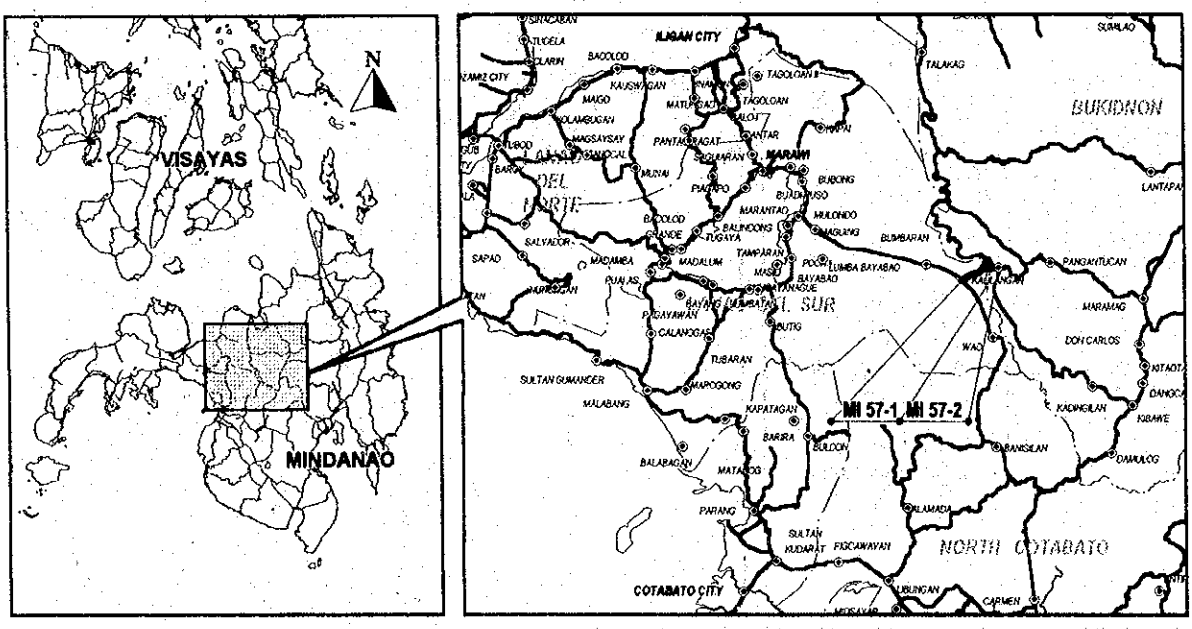
MI 57 - 1	MI 57-2
L = 7.00 km	L=0.10km
P - V	d
Rolling	
Jct. Wao	*Kamp. Kabaritan*

: PCC G: Good
: AC F: Fair
: Gravel B: Bad
: Earth V: V. Bad
: Impassable/not existing
: Underconstruction

Objective:

Segment		MI 57 -1		MI 57 -2		Total	
Location	from	Jct. Wao		Boundary Lanao del Sur - Bukidnon			
	to	Boundary Lanao del Sur - Bukidnon		Kamp Kabaritan			
Length	(km)	7.00		0.10		7.10	
Traffic Volume	Year	1997	2016	1997	2016		
	Car	99	841	99	841		
	Jeepney	141	351	141	351		
	Bus	37	142	37	142		
	Truck	135	887	135	887		
	Total	412	2,221	412	2,221		
Work Item/Cost (MP)		Length	Cost	Length	Cost	Length	Cost
Rehabilitation (km)		-	-	-	-	-	-
Improvement (km)		-	-	-	-	-	-
New Construction (km)		-	-	-	-	-	-
Widening (km)							
Bridge Construction (m)		-	-	-	-	-	-
Disaster Prevention (m)		-	-	-	-	-	-
Total			-		-		
Project Cost: (MP)							
Right-of-Way			-		-		-
Construction			-		-		-
Engineering			-		-		-
Total			-		-		
Implementation Schedule	from	No work		No work			
	to						
Economic Return (IRR%)		-		-			

Environmental Impact:

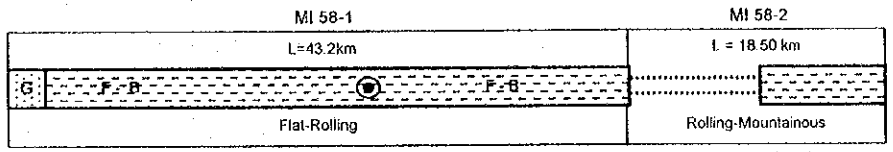


PROJECT PROFILE

Project Number : **MI 58** Classification : Strategic Road (B)

Road Name	Parang - Lambayanag Road	Province: Lanao del Sur, Maguindanao

Existing Road Condition

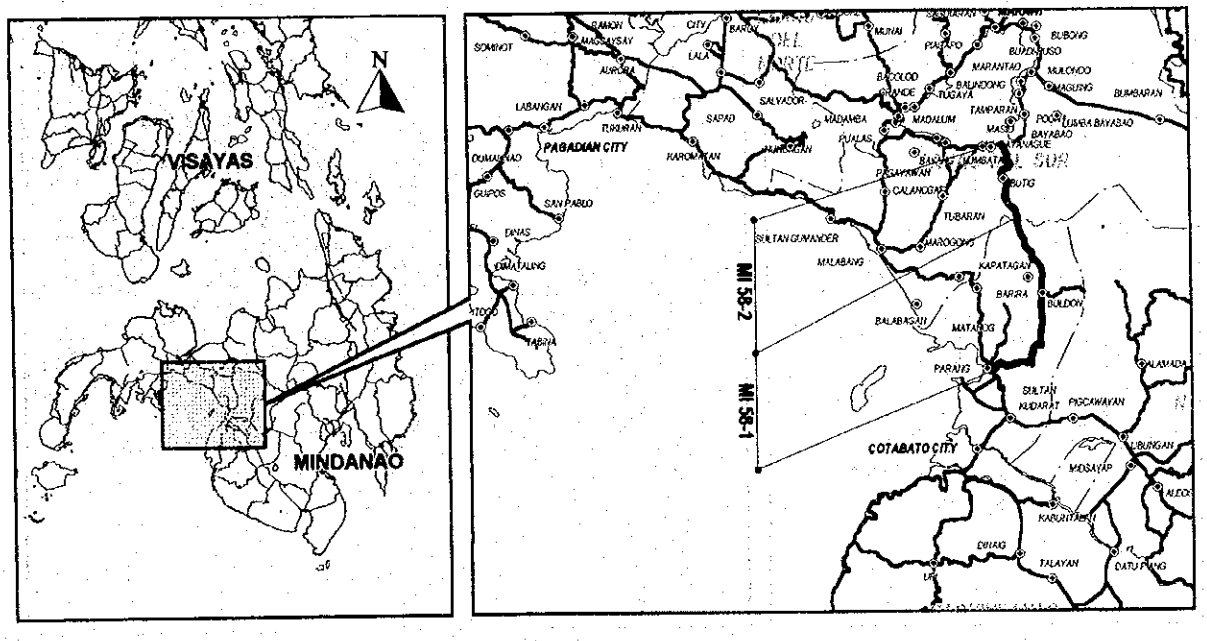


: PCC G: Good
: AC F: Fair
: Gravel P: Bad
: Earth V: V. Bad
: Impassable/not existing
: Underconstruction

Objective:
- Provide alternative access route between Lake Lanao area and Cotabato City
- Provide basic land transport means to remote Barangays in Inland area.

Segment		MI 58-1		MI 58-2		Total	
Location	from	Parang		Boundary Lanao del Sur-Maguindanao			
	to	Boundary Lanao del Sur-Maguindanao		Lambayanaque			
Length	(km)	43.20		18.50		61.70	
Traffic Volume	Year	1997	2016	1997	2016		
	Car	123	1,953	3	1,499		
	Jeepney	54	997	3	828		
	Bus	9	33	0	4		
	Truck	24	636	1	557		
	Total	210	3,619	7	2,888		
Work Item/Cost (MP)		Length	Cost	Length	Cost	Length	Cost
Rehabilitation (km)		-	-	-	-	-	-
Improvement (km)		40.70	677.52	8.30	157.08	49.00	834.60
New Construction (km)		-	-	10.20	260.00	10.20	260.00
Widening (km)		-	-	-	-	-	-
Bridge Construction (m)		80.00	28.00	20.00	7.00	100.00	35.00
Disaster Prevention (m)		-	-	-	-	-	-
Total			705.52		424.08		1,129.60
Project Cost: (MP)							
Right-of-Way			-		6.12		6.12
Construction			705.52		424.08		1,129.60
Engineering			98.77		59.37		158.14
Total			804.29		489.57		1,293.86
Implementation Schedule	from	Jan. 2010		Jan. 2012			
	to	Dec. 2012		Dec. 2013			
Economic Return (IRR%)		22.16		33.69			

Environmental Impact: **(MEDIUM)** : The project is to imprvoe existing gravel road and construct new road at missing section. The road passes through old growth forest area.



PROJECT PROFILE

Project Number : **MI 59** Classification : Strategic Road (B)

Road Name	San Miguel - Tabina	Province: Zamboanga Del Sur

Existing Road Condition

MI 59-1
L = 36.20 km

P - V

Rolling - Mountainous | Flat

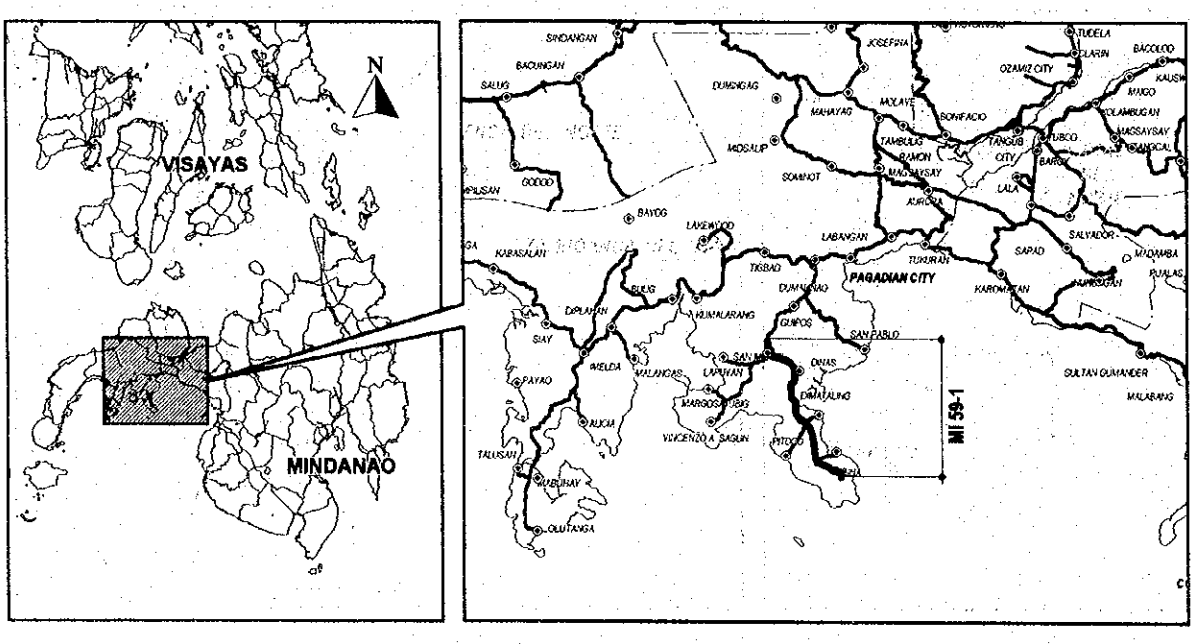
Jct. Bitinan — *Bagonion*

: PCC G: Good
: AC F: Fair
: Gravel B: Bad
: Earth V. V. Bad
: Impassable/not existing
: Underconstruction

Objective:
- Strengthen Flencha Peninsula coastal link
- Promote agricultural, fishery and tourism development

Segment		MI 59-1	
Location	from	Jct. Bitinan	
	to	Bagonion	
Length	(km)	36.20	
Traffic Volume	Year	1997	2016
	Car	107	763
	Jeepney	88	245
	Bus	53	146
	Truck	45	176
	Total	293	1,330
Work Item/Cost (MP)		Length	Cost
Rehabilitation (km)		1.00	8.75
Improvement (km)		35.20	550.52
New Construction (km)		-	-
Widening (km)		-	-
Bridge Construction (m)		-	-
Disaster Prevention (m)		-	-
Total			559.27
Project Cost: (MP)			
Right-of-Way		-	
Construction		559.27	
Engineering		78.30	
Total		637.57	
Implementation Schedule	from	Jan. 2007	
	to	Dec. 2009	
Economic Return (IRR%)		22.33	

Environmental Impact: **(LOW)** : The project is to improve existing gravel road. No significant environmental is expected.

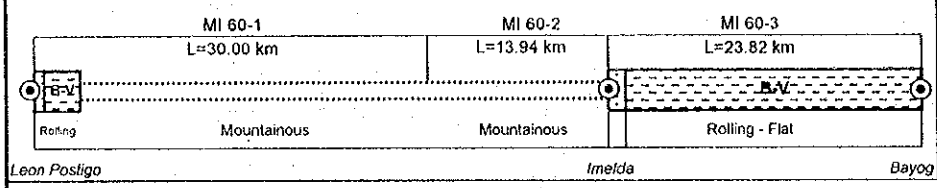


PROJECT PROFILE

Project Number: **MI 60** Classification : Strategic Road (B)

Road Name	Bacungan - Bayog Road	Province: Zamboangadel Norte/Sur

Existing Road Condition

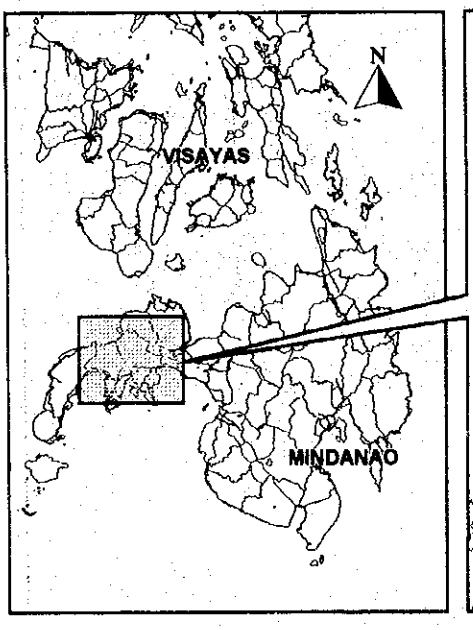


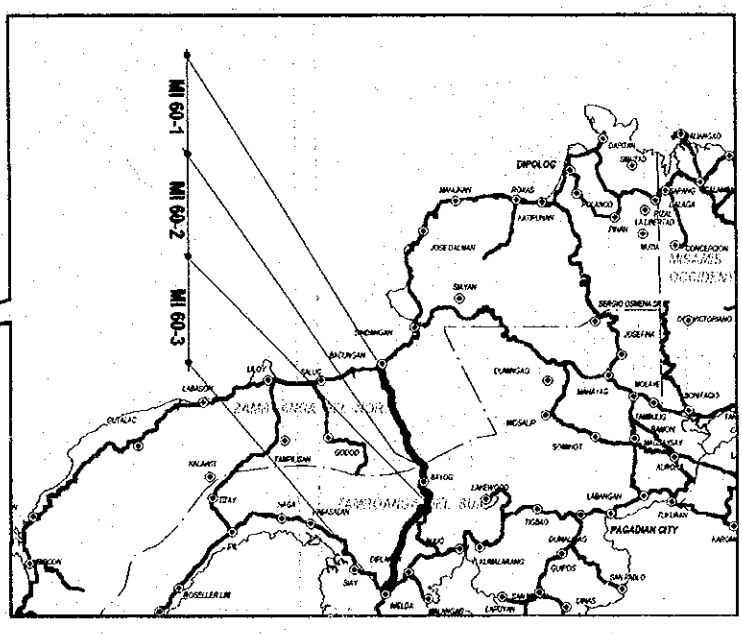
PCC G: Good
AC F: Fair
Gravel B: Bad
Earth V: V. Bad
Impassable/not existing
Underconstruction

Objective:
- Provide north-south link at central part of Zamboanga Peninsula by constructing new road
- Provide direct access from northern coastal area to southern coastal area of Zamboanga Peninsula
- Provide basic transport means to remote barangays in inland area.

Segment		MI 60-1		MI 60-2		MI 60-3		Total	
Location	from	Leon Postigo		Boundary Zamboanga del Norte-Zamboanga del Sur		Bayog			
	to	Boundary Zamboanga del Norte-Zamboanga del Sur		Bayog		Imelda			
Length	(km)	30.00		13.94		23.82		67.76	
Traffic Volume	Year	1997	2016	1997	2016	1997	2016		
	Car	-	282	-	282	14	382		
	Jeepney	-	95	-	95	7	126		
	Bus	-	37	-	37	5	55		
	Truck	-	55	-	55	10	97		
	Total	0	469	0	469	36	660		
Work Item/Cost (MP)		Length	Cost	Length	Cost	Length	Cost	Length	Cost
Rehabilitation (km)		0.80	8.00	-	-	1.21	12.06	2.01	20.06
Improvement (km)		2.70	57.24	-	-	22.62	378.35	25.32	435.59
New Construction (km)		26.50	675.48	13.94	318.18	-	-	40.44	993.66
Widening (km)		-	-	-	-	-	-	0.00	0.00
Bridge Construction (m)		60.00	21.00	120.00	42.00	-	-	180.00	63.00
Disaster Prevention (m)		20.00	1.20	-	-	-	-	20.00	1.20
Total			762.92		360.18		390.41		1513.51
Project Cost: (MP)									
Right-of-Way			15.90		12.85		-		28.75
Construction			762.92		360.18		390.41		1,513.51
Engineering			106.81		50.43		54.66		211.90
Total			885.63		423.46		445.07		1,754.16
Implementation Schedule	from	Jan. 2013		Jan. 2013		Jan. 2013			
	to	Dec. 2015		Dec. 2014		Dec. 2014			
Economic Return (IRR%)		11.33		12.50		16.40			

Environmental Impact: **(MEDIUM)** : The project is to improve existing gravel road and construct new road at segment 1 and 2. Medium negative impact on both natural and social environment is expected





PROJECT PROFILE

Project Number : **MI 61** Classification : Strategic Road (B)

Road Name	Imelda - Olutanga Road	Province: Zamboanga del Sur

Existing Road Condition

MI 61-1
L = 47.86 km

B	V	B	V	B	V	B
Rolling-Mount.	Flat	Flat-Rolling	Flat		Rolling	Flat

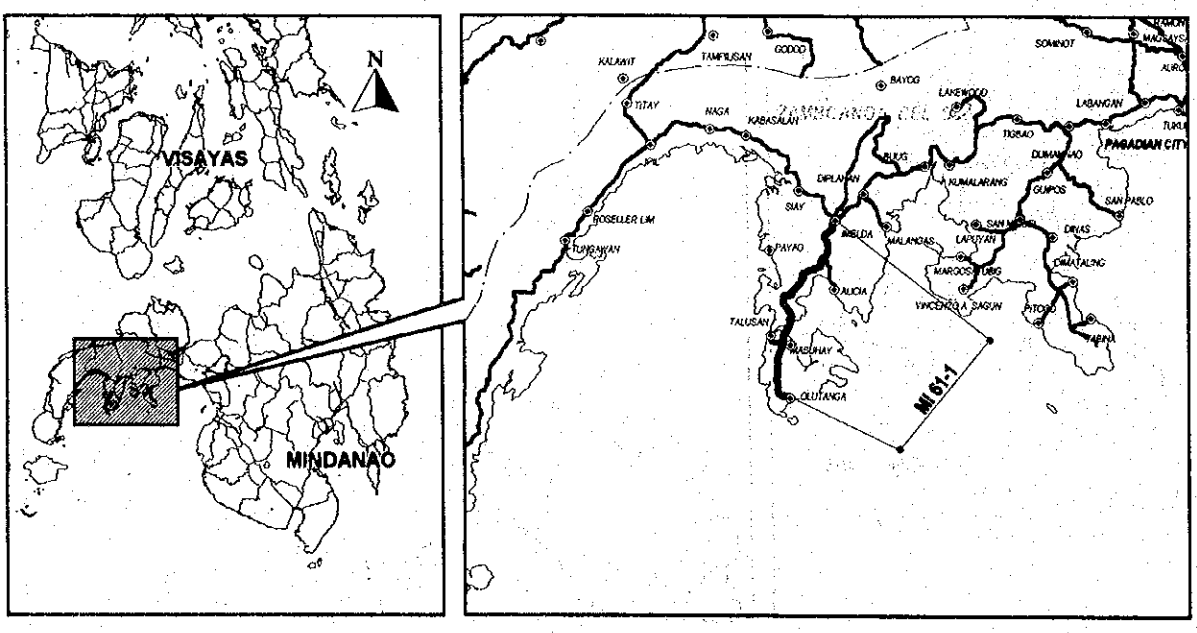
Imelda *Olutanga*

: PCC G: Good
: AC F: Fair
: Gravel B: Bad
: Earth V. V. Bad
: Impassable/not existing
: Underconstruction

Objective:
- Provide direct access to Olutanga Island from main island by constructing bridge over strait
- Establish economic linkage between two island
- Promote provincial development in agriculture, fishery and tourism

Segment		MI 61-1	
Location	from	Imelda	
	to	Olutanga	
Length	(km)	47.86	
Traffic Volume	Year	1997	2016
	Car	1	187
	Jeepney	1	4
	Bus	13	64
	Truck	1	47
	Total	16	302
Work Item/Cost (MP)		Length	Cost
	Rehabilitation (km)	-	-
	Improvement (km)	47.65	690.11
	New Construction (km)	-	-
	Widening (km)	-	-
	Bridge Construction (m)	727.60	249.14
	Disaster Prevention (m)	-	-
	Total		939.25
Project Cost: (MP)			
	Right-of-Way		-
	Construction		939.25
	Engineering		131.49
	Total		1,070.74
Implementation Schedule	from		July 2011
	to		June 2014
Economic Return (IRR%)			18.20

Environmental Impact: **(LOW)** : The project is to improve existing gravel road. No significant environmental impact is expected.

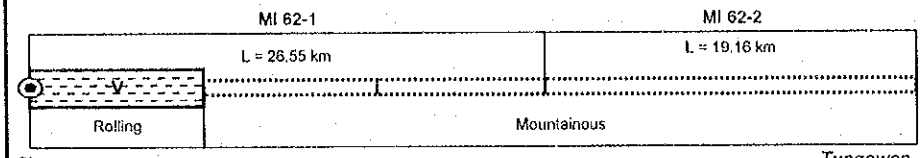


PROJECT PROFILE

Project Number : **MI 62** Classification : Strategic Road (B)

Road Name	Slocon - Tungawan Road	**Province:** Zamboanga del Norte, Zamboanga del Sur

Existing Road Condition

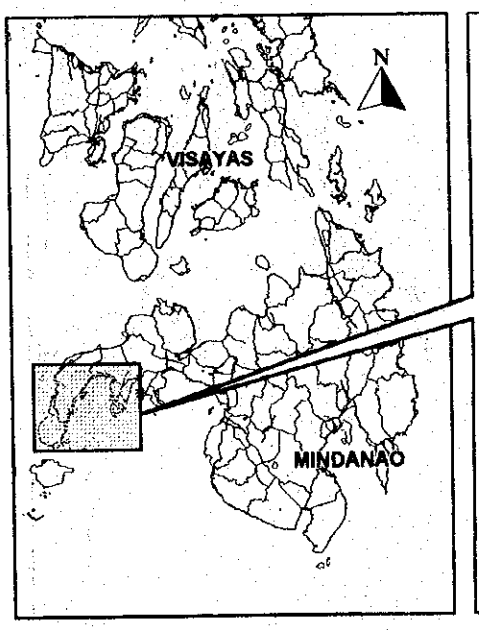


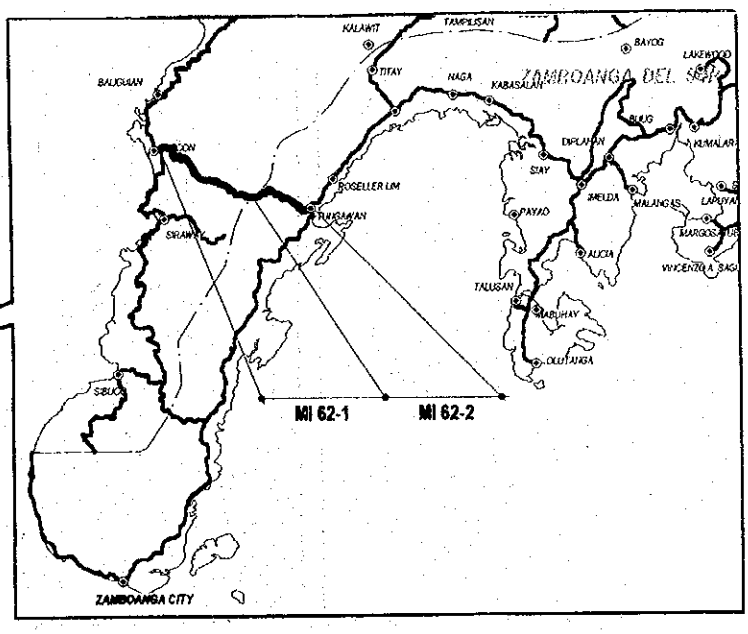
: PCC G: Good
: AC F: Fair
: Gravel B: Bad
: Earth V: V. Bad
: Impassable/not existing
: Underconstruction

Objective:
- Provide north-south link at central part of Zamboanga Peninsula by constructing new road
- Provide direct access from northern coastal area to southern coastal area of Zamboanga Peninsula
- Provide with basic transport means to remote barangays in inland area

Segment		MI 62-1		MI 62-2		Total	
Location	from	Slocon		Canatuan			
	to	Canatuan		Tungawan			
Length	(km)	26.55		19.16		45.71	
Traffic Volume	Year	1997	2016	1997	2016		
	Car	-	88	-	88		
	Jeepney	-	45	-	45		
	Bus	-	14	-	14		
	Truck	-	34	-	34		
	Total	0	181	0	181		
Work Item/Cost (MP)		Length	Cost	Length	Cost	Length	Cost
Rehabilitation (km)		-	-	-	-	-	-
Improvement (km)		9.00	169.56	-	-	9.00	169.56
New Construction (km)		17.55	447.35	19.16	481.56	36.71	928.91
Widening (km)		-	-	-	-	-	-
Bridge Construction (m)		115.00	40.25	-	-	115.00	40.25
Disaster Prevention (m)		-	-	-	-	-	-
Total			657.16		481.56		1,138.72
Project Cost: (MP)							
Right-of-Way			10.53		12.25		22.78
Construction			657.16		481.56		1,138.72
Engineering			92.00		67.42		159.42
Total			759.69		561.23		1,320.92
Implementation Schedule	from	July 2012		July 2012			
	to	June 2016		June 2016			
Economic Return (IRR%)		10.75		16.15			

Environmental Impact: **(MEDIUM)** : The project is to improve existing gravel road and construct new road in Zamboanga Peninsula. Medium negative impact on natural and social environmental is expected.





PROJECT PROFILE

Project Number : **MI 100** Classification : Expressway

Road Name	Davao City Expressway	**Province:** Davao del Norte, Davao City, Davao del Sur

Existing Road Condition

MI 100-1	MI 100-2	MI 100-3	
L = 32.13 km	L = 38.41 km	L = 27.57 km	
Flat	Rolling	Mountainous	Rolling / Flat

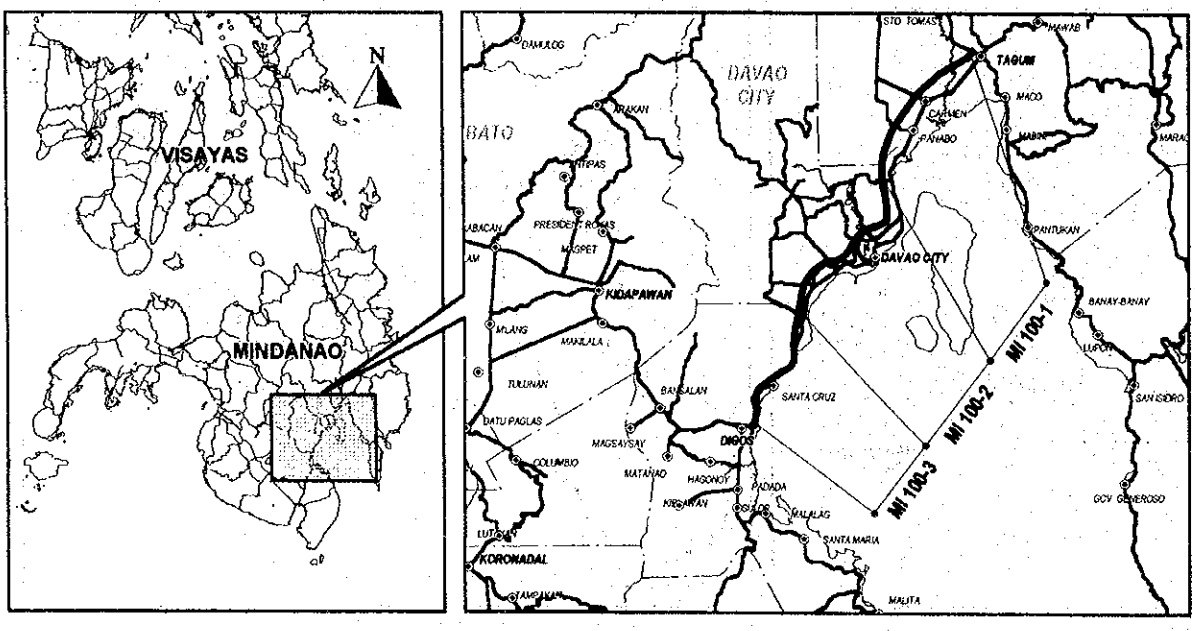
Tagum — *Digos*

: PCC G: Good
: AC F: Fair
: Gravel B: Bad
: Earth V: V. Bad
: Impassable/not existing
: Underconstruction

Objective:
- Provide new urban expressway in Davao City area
- Augment trffic capacity of road network in Davao City area
- Provide faster land transport means in highly urbanized area

Segment		MI 100-1		MI 100-2		MI 100-3		Total	
Location	from	Tagum		Mahayag		Bdry. Davao City-Davao del Sur			
	to	Mahayag		Bdry. Davao City-Davao del Sur		Digos			
Length	(km)	32.13		38.41		27.58		98.12	
Traffic Volume	Year	1997	2016	1997	2016	1997	2016		
	Car	-	8,957	-	7,594	-	6,174		
	Jeepney	-	314	-	662	-	379		
	Bus	-	1,586	-	860	-	681		
	Truck	-	2,404	-	1,880	-	2,028		
	Total	-	13,261	-	10,996	-	9,262		
Work Item/Cost (MP)		Length	Cost	Length	Cost	Length	Cost	Length	Cost
Rehabilitation (km)		-	-	-	-	-	-	-	-
Improvement (km)		-	-	-	-	-	-	-	-
New Construction (km)		34.17	1,278.74	36.82	3,424.79	27.57	1,138.60	98.56	5,842.13
Widening (km)		-	-	-	-	-	-	-	-
Bridge Construction (m)		252.00	113.40	955.00	429.75	3,410.00	1,534.50	4,617.00	2,077.65
Disaster Prevention (m)		-	-	-	-	-	-	-	-
Total			1,392.14		3,854.54		2,673.10		7,919.78
Project Cost: (MP)									
Right-of-Way			205.02		220.92		165.42		591.36
Construction			1,392.14		3,854.54		2,673.10		7,919.78
Engineering			236.66		655.27		454.43		1,346.36
Total			1,833.82		4,730.73		3,292.95		9,857.50
Implementation Schedule	from	Jan. 2011		Jan. 2011		Jan. 2011			
	to	Dec. 2014		Dec. 2014		Dec. 2014			
Economic Return (IRR%)		43.28		23.74		22.12			

Environmental Impact: (HIGH) : The project is to construct new expressway along Pan-Philippine Highway and Davao-Digos road. Right-of-way acquisition and relocation of residents are required. In-depth alignment study and environmental impact assessment is needed.



PROJECT PROFILE

Project Number : **MI 101**

Classification : Access Road

Road Name	Davao City Expressway Access Road 1	Province: Davao del Norte

Existing Road Condition

MI 101-1

L = 1.85 km

Flat

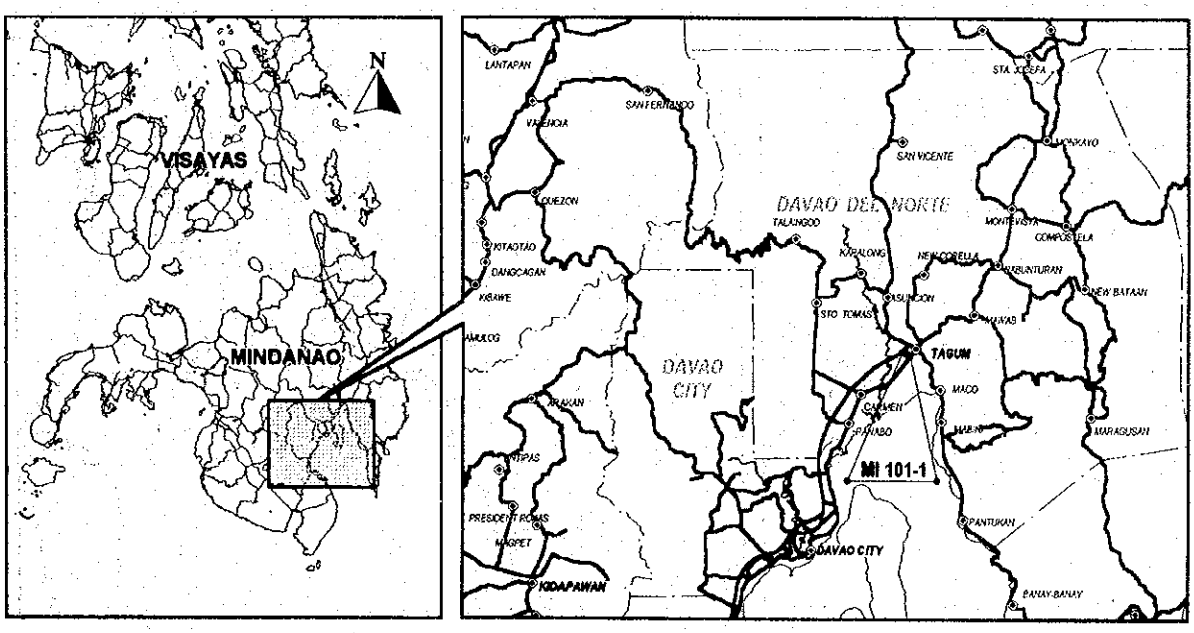
Davao City Expressway — *Pan Philippine Highway*

: PCC G: Good
: AC F: Fair
: Gravel B: Bad
: Earth V V Bad
: Impassable/not existing
: Underconstruction

Objective: • Provide direct access to proposed Davao City Expressway

Segment		MI 101-1	
Location	from	Davao City Expressway	
	to	Pan Philippine Highway	
Length	(km)	1.85	
Traffic Volume	Year	1997	2016
	Car	-	7,126
	Jeepney	-	189
	Bus	-	1,388
	Truck	-	1,934
	Total	0	10,637
Work Item/Cost (MP)		Length	Cost
Rehabilitation (km)		-	-
Improvement (km)		-	-
New Construction (km)		1.85	47.17
Widening (km)		-	-
Bridge Construction (m)		-	-
Disaster Prevention (m)		-	-
Total			47.17
Project Cost: (MP)			
Right-of-Way		3.70	
Construction		47.17	
Engineering		8.02	
Total		58.89	
Implementation Schedule	from	Jan. 2014	
	to	Dec. 2014	
Economic Return (IRR%)		-	

Environmental Impact: **(MEDIUM)** : The project is to construct new access road to proposed expressway. Right-of-way acquisition and relocation of residents are required.



PROJECT PROFILE

Project Number : **MI 102**

Classification : Access Road

Road Name	Davao City Expressway Access Road 2	Province: Davao City

Existing Road Condition

MI 102-1

L = 2.60 km

Flat

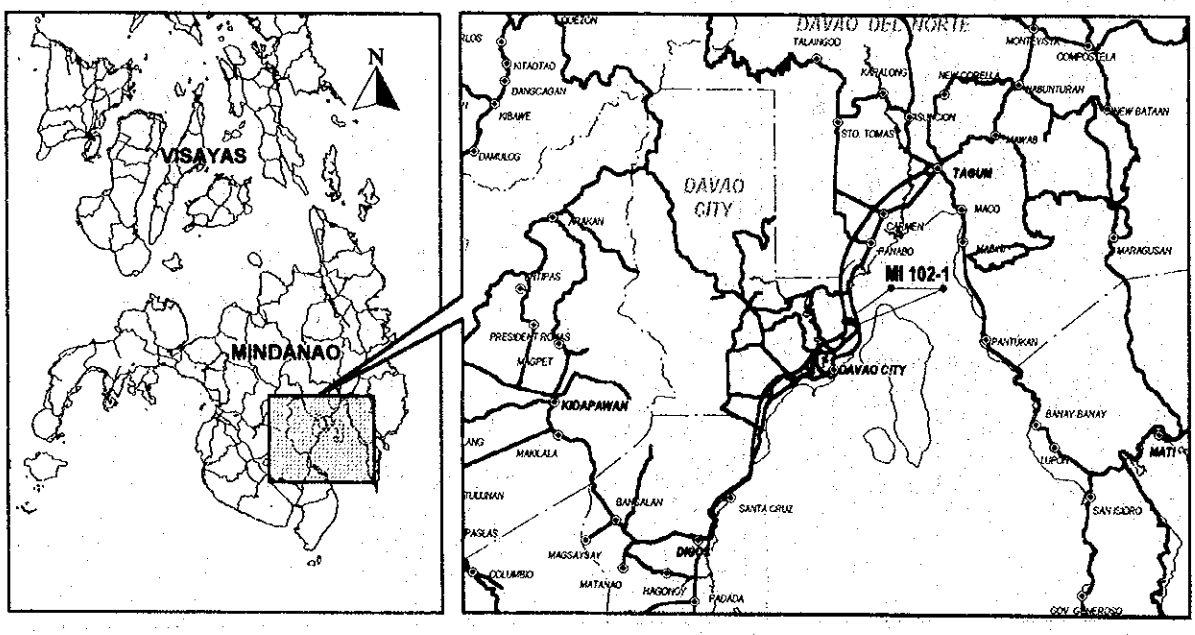
Davao City Expressway — *Pan Philippine Highway*

: PCC G: Good
: AC F: Fair
: Gravel B: Bad
: Earth V: V. Bad
: Impassable/not existing
: Underconstruction

Objective: • Provide direct access to proposed Davao City Expressway

Segment		MI 102-1	
Location	from	Davao City Expressway	
	to	Pan Philippine Highway	
Length	(km)	2.60	
Traffic Volume	Year	1997	2016
	Car	-	2,303
	Jeepney	-	193
	Bus	-	-
	Truck	-	-
	Total	0	2,496
Work Item/Cost (MP)		Length	Cost
	Rehabilitation (km)	-	-
	Improvement (km)	-	-
	New Construction (km)	2.60	66.30
	Widening (km)	-	-
	Bridge Construction (m)	-	-
	Disaster Prevention (m)	-	-
	Total		66.30
Project Cost: (MP)			
	Right-of-Way	5.20	
	Construction	66.30	
	Engineering	11.27	
	Total	82.70	
Implementation Schedule	from	Jan. 2014	
	to	Dec. 2014	
Economic Return (IRR%)		14.37	

Environmental Impact: **(MEDIUM)** : The project is to construct new access road to proposed expressways. Right-of-way acquisition and relocation of residents are required.



PROJECT PROFILE

Project Number : **MI 103**

Classification : Access Road

Road Name	Davao City Expressway Access Road 3	Province: Davao City

Existing Road Condition

MI 103-1

L = 1.48 km

Rolling

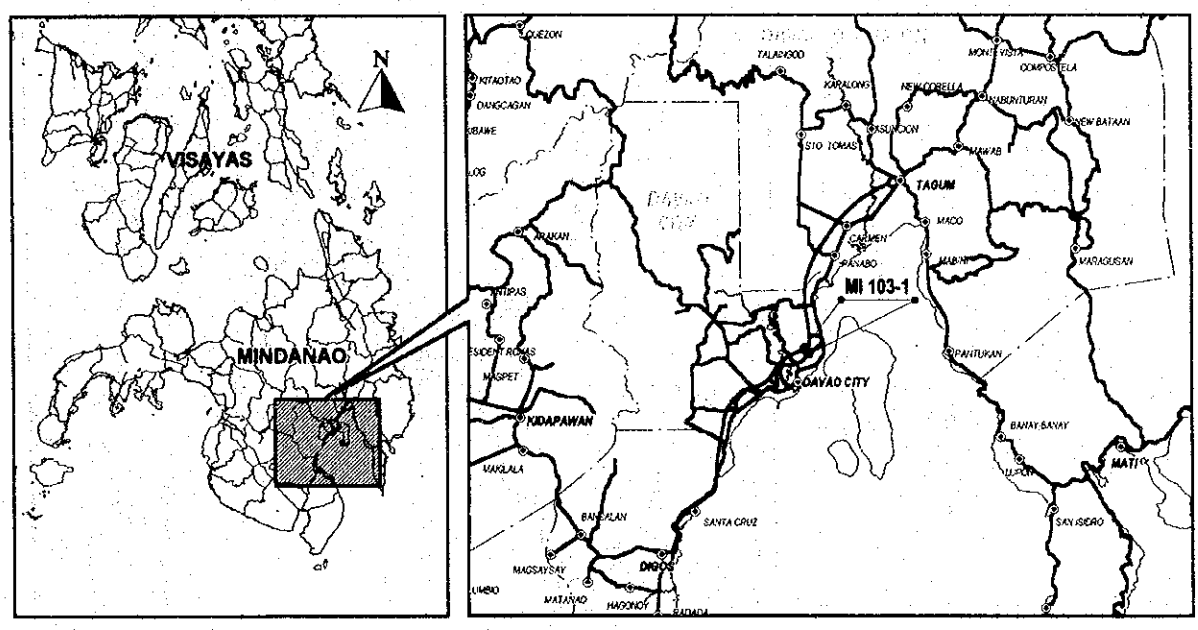
Davao City Expressway — *Pan Philippine Highway*

: PCC G: Good
: AC F: Fair
: Gravel B: Bad
: Earth V. V. Bad
: Impassable/not existing
: Underconstruction

Objective: · Provide direct access to proposed Davao City Expressway

Segment		MI 103-1	
Location	from	Davao City Expressway	
	to	Pan Philippine Highway	
Length	(km)	1.48	
Traffic Volume	Year	1997	2016
	Car	-	2,303
	Jeepney	-	157
	Bus	-	713
	Truck	-	1,067
	Total	0	4,240
Work Item/Cost (MP)		Length	Cost
	Rehabilitation (km)	-	-
	Improvement (km)	-	-
	New Construction (km)	1.48	45.29
	Widening (km)	-	-
	Bridge Construction (m)	-	-
	Disaster Prevention (m)	-	-
	Total		45.29
Project Cost: (MP)			
	Right-of-Way	2.96	
	Construction	45.29	
	Engineering	7.70	
	Total	55.95	
Implementation Schedule	from	Jan. 2014	
	to	Dec. 2014	
Economic Return (IRR%)		50.13	

Environmental Impact: **(MEDIUM)** : The project is to construct new access road to proposed expressway. Right-of-way acquisition and relocation of residents are required.



PROJECT PROFILE

Project Number : **MI 104** Classification : Access Road

Road Name	Davao City Expressway Access Road 4	Province: Davao City

Existing Road Condition

MI 104-1

L = 0.92 km

Mountainous

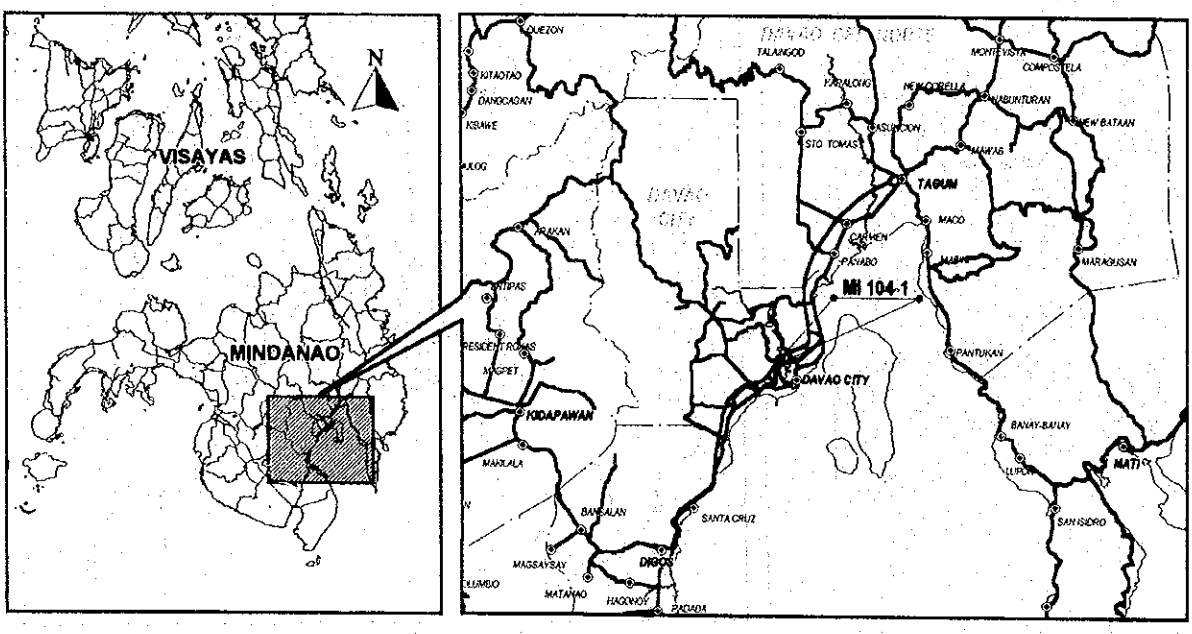
Davao City Expressway — *Pan Philippine Highway*

: PCC G: Good
: AC F: Fair
: Gravel B: Bad
: Earth V V Bad
: Impassable/not existing
: Underconstruction

Objective: • Provide direct access to proposed Davao City Expressway

Segment		MI 104-1	
Location	from	Davao City Expressway	
	to	Pan Philippine Highway	
Length	(km)	0.92	
Traffic Volume	Year	1997	2016
	Car	-	4,393
	Jeepney	-	421
	Bus	-	256
	Truck	-	643
	Total	0	5,713
Work Item/Cost (MP)		Length	Cost
Rehabilitation (km)		-	-
Improvement (km)		-	-
New Construction (km)		0.92	33.76
Widening (km)		-	-
Bridge Construction (m)		-	-
Disaster Prevention (m)		-	-
Total			33.76
Project Cost: (MP)			
Right-of-Way		1.84	
Construction		33.76	
Engineering		5.74	
Total		41.34	
Implementation Schedule	from	Jan. 2014	
	to	Dec. 2014	
Economic Return (IRR%)		41.11	

Environmental Impact: **(MEDIUM)** : The project is to construct new access road to proposed expressways. Right-of-way acquisition and relocation of residents are required.



PROJECT PROFILE

Project Number : **MI 105** Classification : Access Road

Road Name	Davao City Expressway Access Road 5	Province: Davao City

Existing Road Condition

MI 105-1

L = 2.33 km

Flat

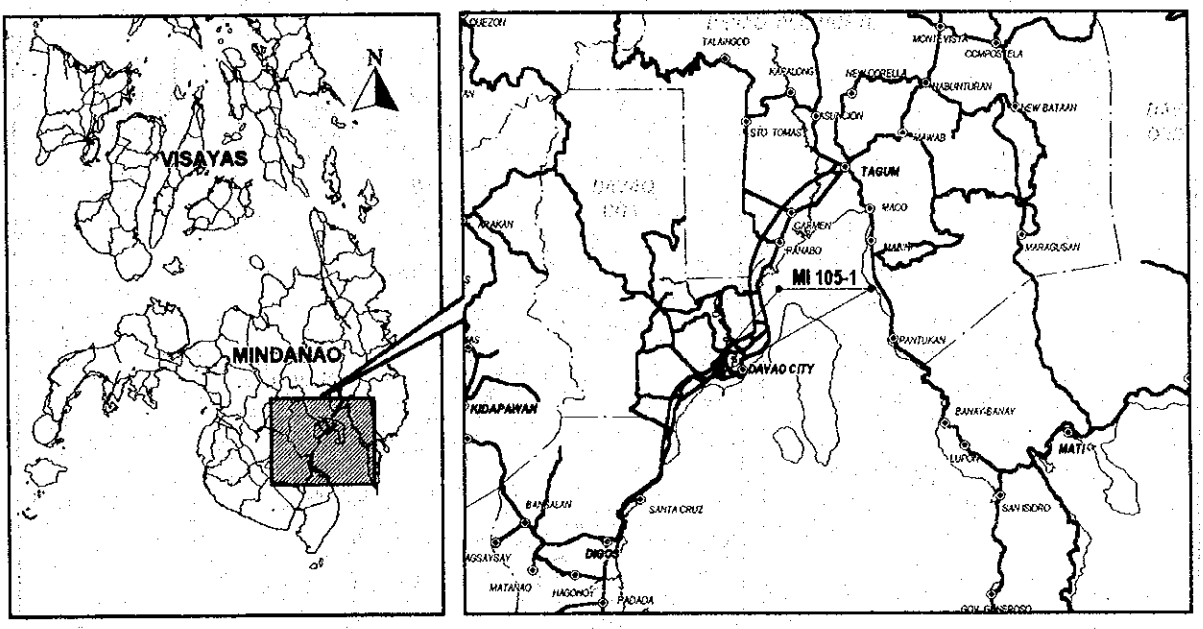
Davao City Expressway — *Pan Philippine Highway*

PCC G: Good
AC F: Fair
Gravel B: Bad
Earth V. V. Bad
Impassable/not existing
Underconstruction

Objective: • Provide direct access to proposed Davao City Expressway

Segment		MI 105-1	
Location	from	Davao City Expressway	
	to	Pan Philippine Highway	
Length	(km)	2.33	
Traffic Volume	Year	1997	2016
	Car	-	-
	Jeepney	-	-
	Bus	-	-
	Truck	-	-
	Total	0	0
Work Item/Cost (MP)		Length	Cost
Rehabilitation (km)		-	-
Improvement (km)		-	-
New Construction (km)		2.33	59.41
Widening (km)		-	-
Bridge Construction (m)		-	-
Disaster Prevention (m)		-	-
Total			59.41
Project Cost: (MP)			
Right-of-Way		4.66	
Construction		59.41	
Engineering		10.10	
Total		74.17	
Implementation Schedule	from	Jan. 2014	
	to	Dec. 2014	
Economic Return (IRR%)		-	

Environmental Impact: **(MEDIUM)** : The project is to construct new access road to proposed expressway. Right-of-way acquisition and relocation of residents are required.



PROJECT PROFILE

Project Number : **MI 106**

Classification : Access Road

Road Name	Davao City Expressway Access Road 6	Province: Davao del Sur

Existing Road Condition

MI 106-1

L = 0.68 km

Flat

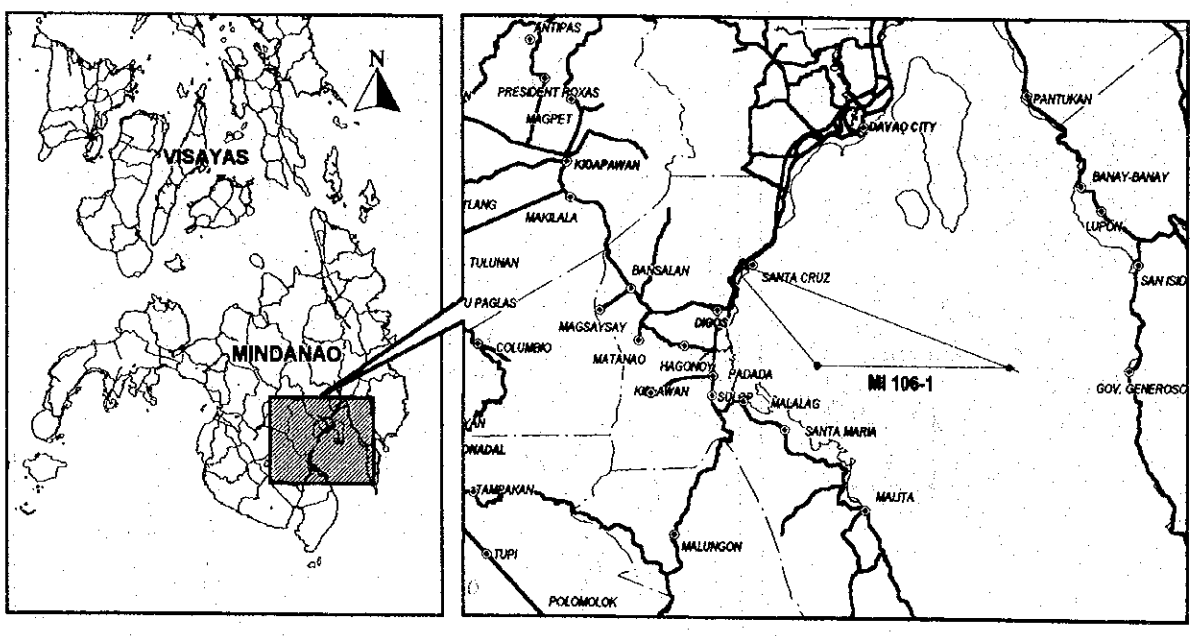
Davao City Expressway — *Davao Digos Road*

: PCC G: Good
: AC F: Fair
: Gravel P: Bad
: Earth V: V. Bad
: Impassable/not existing
: Underconstruction

Objective: • Provide direct access to proposed Davao City Expressway

Segment		MI 106-1	
Location	from	Davao City Expressway	
	to	Davao Digos Road	
Length	(km)	0.68	
Traffic Volume	Year	1997	2016
	Car	-	1,321
	Jeepney	-	90
	Bus	-	10
	Truck	-	278
	Total	0	1,699
Work Item/Cost (MP)		Length	Cost
Rehabilitation (km)		-	-
Improvement (km)		-	-
New Construction (km)		0.68	17.34
Widening (km)		-	-
Bridge Construction (m)		-	-
Disaster Prevention (m)		-	-
Total			17.34
Project Cost: (MP)			
Right-of-Way		1.36	
Construction		17.34	
Engineering		2.95	
Total		21.65	
Implementation Schedule	from	Jan. 2014	
	to	Dec. 2014	
Economic Return (IRR%)		16.48	

Environmental Impact: **(MEDIUM)** : The project is to construct new access road to proposed expressways. Right-of-way acquisition and relocation of residents are required.



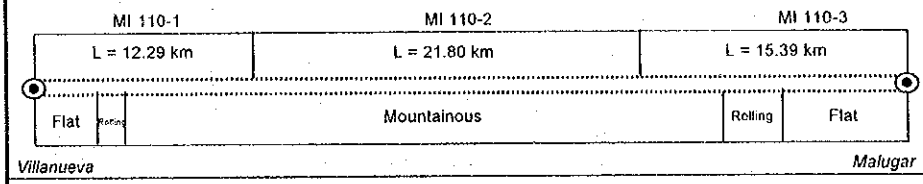
PROJECT PROFILE

Project Number : **MI 110**

Classification : Bypass

Road Name	Cagayan de Oro Bypass	Province: Misamis Oriental

Existing Road Condition

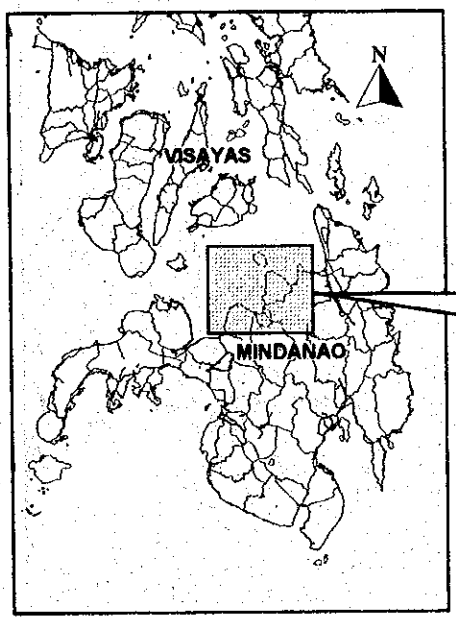


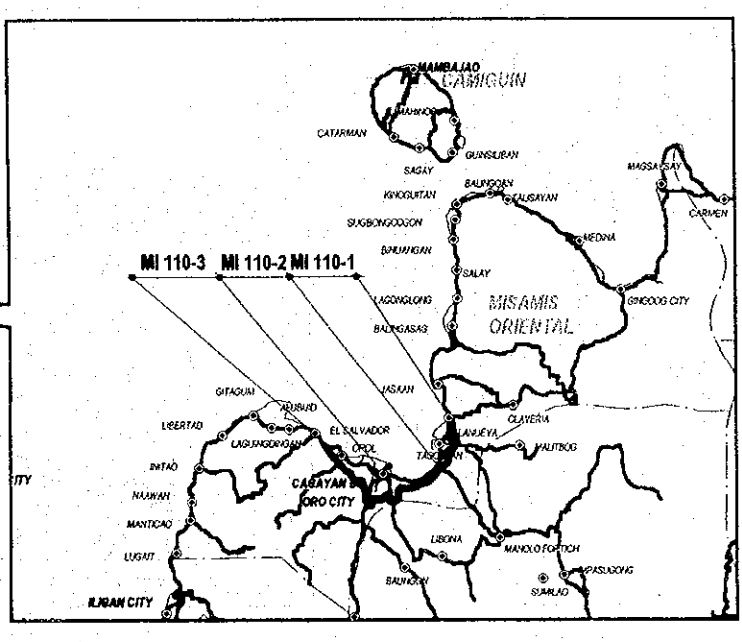
PCC G: Good
AC F: Fair
Gravel B: Bad
Earth V: V. Bad
Impassable/not exjsting
Underconstruction

Objective:
- Provide new road link to bypass highly urbanized area in Cagayan de Oro City and its adjacent area
- Mitigate traffic congenstion at Cagayan de Oro City area

Segment		MI 110-1		MI 110-2		MI 110-3		Total	
Location	from	Villanueva		Jct. Tagoloan		Jct. Cagayan de Oro City			
	to	Jct. Tagoloan		Jct. Cagayan de Oro City		Molugan			
Length	(km)	12.29		21.80		15.39		49.48	
Traffic Volume	Year	1997	2016	1997	2016	1997	2016		
	Car	-	1,765	-	3,521	-	1,451		
	Jeepney	-	1,023	-	1,426	-	874		
	Bus	-	73	-	80	-	103		
	Truck	-	411	-	461	-	461		
	Total	0	3,272	0	5,488	0	2,889		
Work Item/Cost (MP)		Length	Cost	Length	Cost	Length	Cost	Length	Cost
Rehabilitation (km)		-	-	-	-	-	-	-	-
Improvement (km)		-	-	-	-	-	-	-	-
New Construction (km)		12.29	402.69	21.80	800.06	15.39	460.70	49.48	1,663.45
Widening (km)		-	-	-	-	-	-	-	-
Bridge Construction (m)		251.00	112.95	2,641.00	1,188.45	145.00	65.25	3,037.00	1,366.65
Disaster Prevention (m)		-	-	-	-	-	-	-	-
Total			515.64		1,988.51		525.95		3,030.10
Project Cost: (MP)									
Right-of-Way			73.74		130.80		92.34		296.88
Construction			515.64		1,988.51		525.95		3,030.10
Engineering			87.66		338.05		89.41		515.12
Total			677.04		2,457.36		707.70		3,842.10
Implementation Schedule	from	Jan. 2009		Jan. 2007		Jan. 2009			
	to	Dec. 2010		Dec. 2010		Dec. 2010			
Economic Return (IRR%)		15.59		8.95		17.37			

Environmental Impact: **(HIGH)** : The project is to construct new bypass at Cagayan de Oro City. Right-of-way acquisition and relocation of residents are needed. In-depth invironmental impact assessment is needed.





PROJECT PROFILE

Project Number : **MI 111**

Classification : Bypass

Road Name	Iligan City Bypass	Province: Lanao del Norte

Existing Road Condition

MI 111-1

L = 19.02 km

Rolling	Mountainous

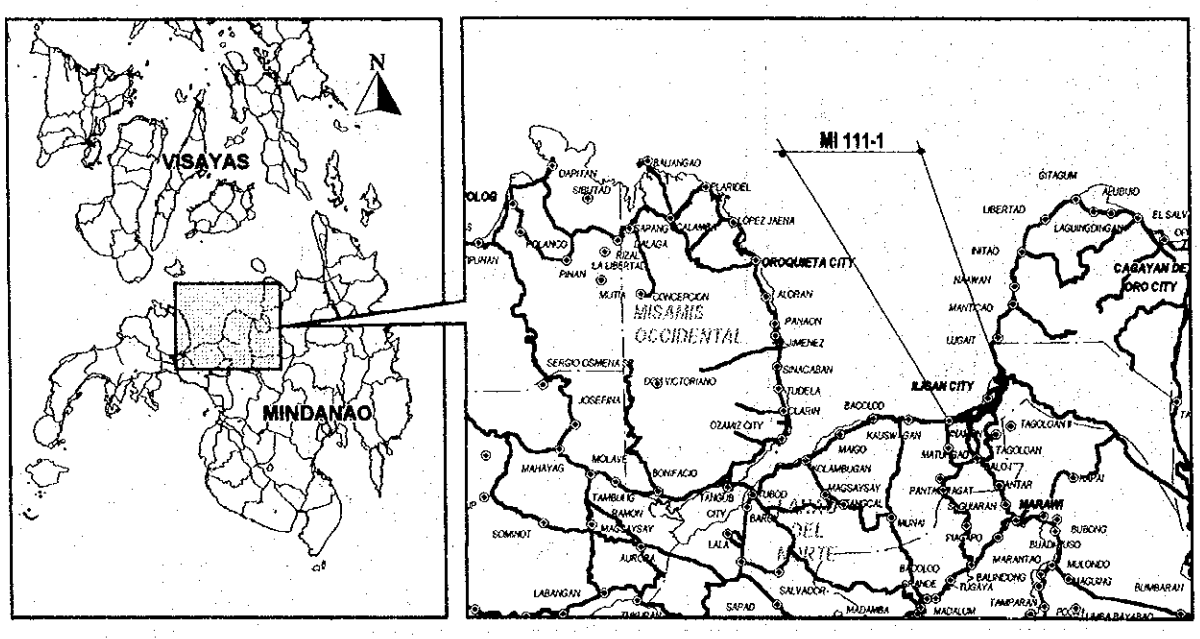
Jct. Cagayan de Oro - Digos Road — *Jct. Iligan - Tubod Road*

PCC G: Good
AC F: Fair
Gravel B: Bad
Earth V: V. Bad
Impassable/not existing
Underconstruction

Objective:
- Provide new road link to bypass highly urbanized area in Iligan City and its adjacent area
- Mitigate traffic congenstion at Iligan City area

Segment		MI 111-1	
Location	from	Jct. Cagayan de Oro - Iligan Road	
	to	Jct. Iligan - Tubod Road	
Length	(km)	19.02	
Traffic Volume	Year	1997	2016
	Car	-	4,090
	Jeepney	-	653
	Bus	-	599
	Truck	-	501
	Total	0	5,843
Work Item/Cost (MP)		Length	Cost
Rehabilitation (km)		-	-
Improvement (km)		-	-
New Construction (km)		19.02	651.67
Widening (km)		-	-
Bridge Construction (m)		980.00	392.00
Disaster Prevention (m)		-	-
Total			1,043.67
Project Cost: (MP)			
Right-of-Way		114.12	
Construction		1,043.67	
Engineering		177.42	
Total		1,335.21	
Implementation Schedule	from	Jan. 2005	
	to	Dec. 2008	
Economic Return (IRR%)		21.98	

Environmental Impact: **(HIGH)** : The project is to construct new bypass at Iligan City. Right-of-way acquisition and relocation of residents are needed. In-depth environmental impact assessment is needed.



PROJECT PROFILE

Project Number : **MI 112**

Classification : Bypass

Road Name	Butuan City Bypass	Province: Agusan del Norte

Existing Road Condition

MI 112-1

L = 15.08 km

Flat

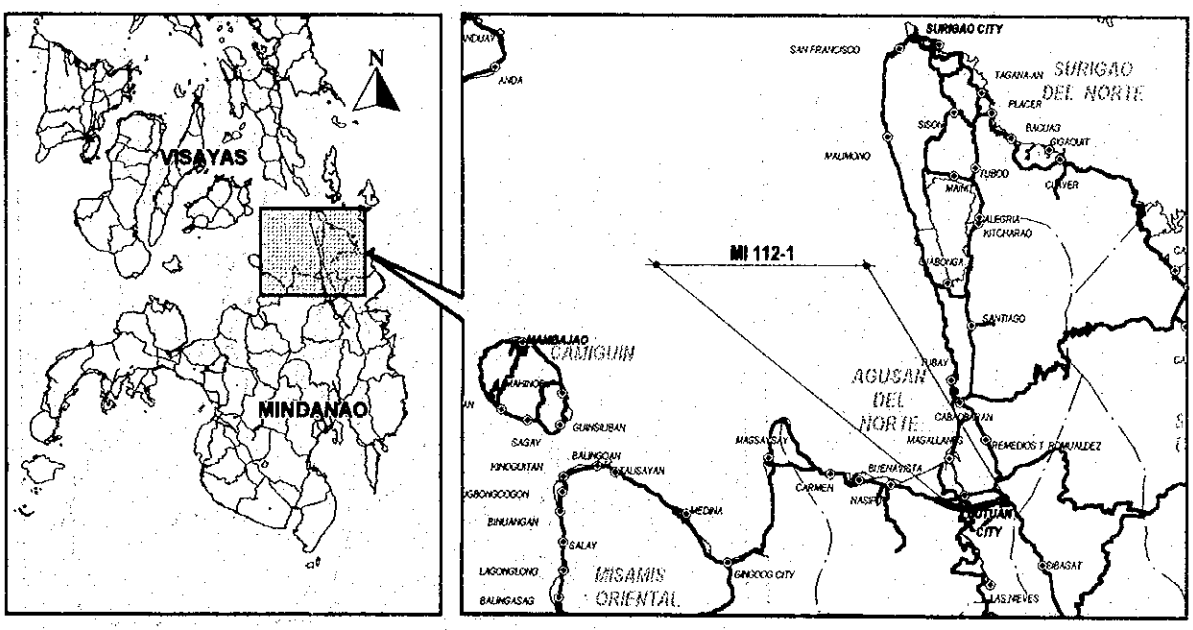
Jct. Pan Philippine Highway — *Jct. Agusan River West Side Road*

: PCC G: Good
: AC F. Fair
: Gravel B: Bad
: Earth V. V. Bad
: Impassable/not existing
: Underconstruction

Objective:
- Provide new road link to bypass highly urbanized area in Butuan City and its adjacent area
- Mitigate traffic congenstion at Butuan City area

Segment		MI 112-1	
Location	from	Jct. Pan Philippine Highway	
	to	Jct. Agusan River West Side Road	
Length	(km)	15.08	
Traffic Volume	Year	1997	2016
	Car	-	4,902
	Jeepney	-	1,157
	Bus	-	179
	Truck	-	621
	Total	0	6,859
Work Item/Cost (MP)		Length	Cost
Rehabilitation (km)		-	-
Improvement (km)		-	-
New Construction (km)		15.08	384.54
Widening (km)		-	-
Bridge Construction (m)		338.00	135.20
Disaster Prevention (m)		-	-
Total			519.74
Project Cost: (MP)			
Right-of-Way		73.74	
Construction		519.74	
Engineering		88.36	
Total		681.84	
Implementation Schedule	from	Jan. 2005	
	to	Dec. 2007	
Economic Return (IRR%)		19.10	

Environmental Impact: **(HIGH)** : The project is to construct new bypass at Butuan City. Right-of-way acquisition and relocation residents are needed. In depth environmental impact assessment is needed.



PROJECT PROFILE

Project Number : **MI 113**

Classification : Bypass

Road Name	Malaybalay Bypass	Province: Bukidnon

Existing Road Condition

MI 113-1

L = 9.63 km

Rolling	Mountainous

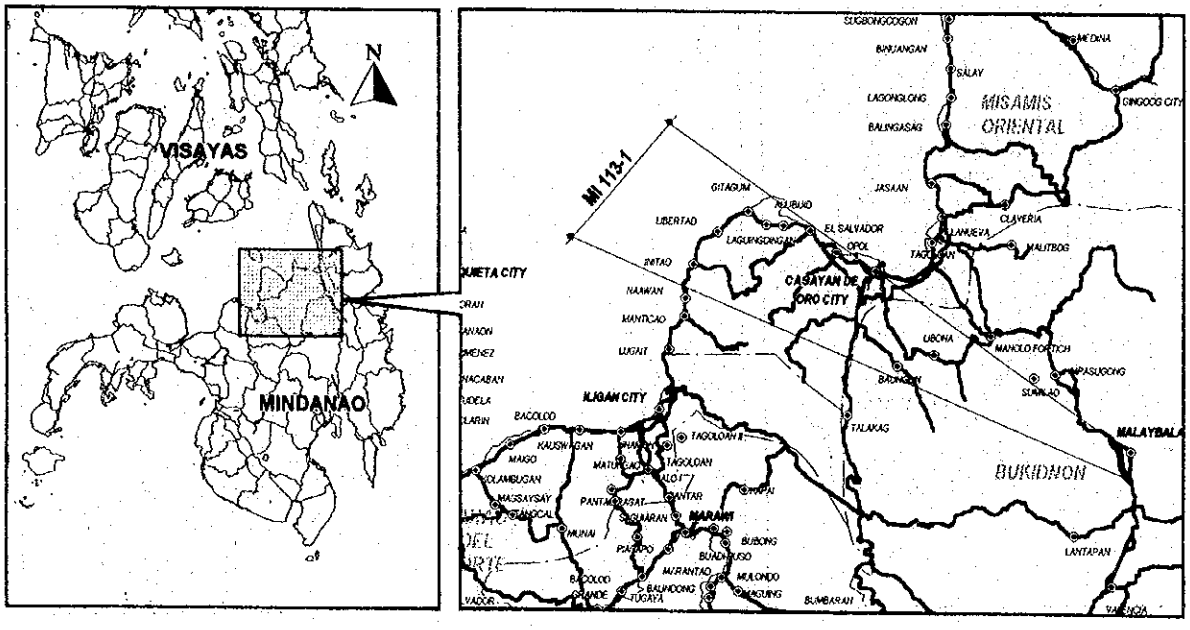
Jct. Malaybalay — *Brgy. Casisang*

: PCC G: Good
: AC F: Fair
: Gravel B: Bad
: Earth V: V. Bad
: Impassable/not existing
: Underconstruction

Objective:
- Provide new road link to bypass highly urbanized area in Malaybalay and its adjacent area
- Mitigate traffic congestion at Malaybalay area

Segment		MI 113-1	
Location	from	Jct. Malaybalay	
	to	Brgy. Casisang	
Length	(km)	9.63	
Traffic Volume	Year	1997	2016
	Car	-	2,323
	Jeepney	-	488
	Bus	-	636
	Truck	-	1,914
	Total	0	5,361
Work Item/Cost (MP)		Length	Cost
Rehabilitation (km)		-	-
Improvement (km)		-	-
New Construction (km)		9.63	329.02
Widening (km)		-	-
Bridge Construction (m)		770.00	308.00
Disaster Prevention (m)		-	-
Total			637.02
Project Cost: (MP)			
Right-of-Way		28.89	
Construction		637.02	
Engineering		108.29	
Total		774.20	
Implementation Schedule	from	Jan. 2007	
	to	Dec. 2009	
Economic Return (IRR%)		28.52	

Environmental Impact: **(MEDIUM)** : The project is to construct new bypass at Malaybalay. Right-of-way acquisition and relocation of residents are needed.



PROJECT PROFILE

Project Number : **MI 114**

Classification : Bypass

Road Name	Valencia Bypass	Province: Bukidnon

Existing Road Condition

MI 114-1

L = 4.88 km

Flat	Rolling	Mountainous

: PCC G: Good
: AC F: Fair
: Gravel B: Bad
: Earth V: V. Bad
: Impassable/not existing
: Underconstruction

Objective:
- Provide new road link to bypass highly urbanized area in Malaybalay and its adjacent area
- Mitigate traffic congestion at Malaybalay area

Segment		MI 114-1	
Location	from	Jct. Mailag	
	to	Jct. Valencia	
Length	(km)	4.88	
Traffic Volume	Year	1997	2016
	Car	-	2,475
	Jeepney	-	1,154
	Bus	-	260
	Truck	-	1,337
	Total	0	5,226
Work Item/Cost (MP)		Length	Cost
Rehabilitation (km)		-	-
Improvement (km)		-	-
New Construction (km)		4.88	152.54
Widening (km)		-	-
Bridge Construction (m)		18.00	7.20
Disaster Prevention (m)		-	-
Total			159.74
Project Cost: (MP)			
Right-of-Way		28.89	
Construction		159.74	
Engineering		27.15	
Total		215.78	
Implementation Schedule	from	Jan. 2008	
	to	Dec. 2009	
Economic Return (IRR%)		45.29	

Environmental Impact: **(MEDIUM)** : The project is to construct new bypass at Valencia. Right-of-way acquisition and relocation of residents are needed.