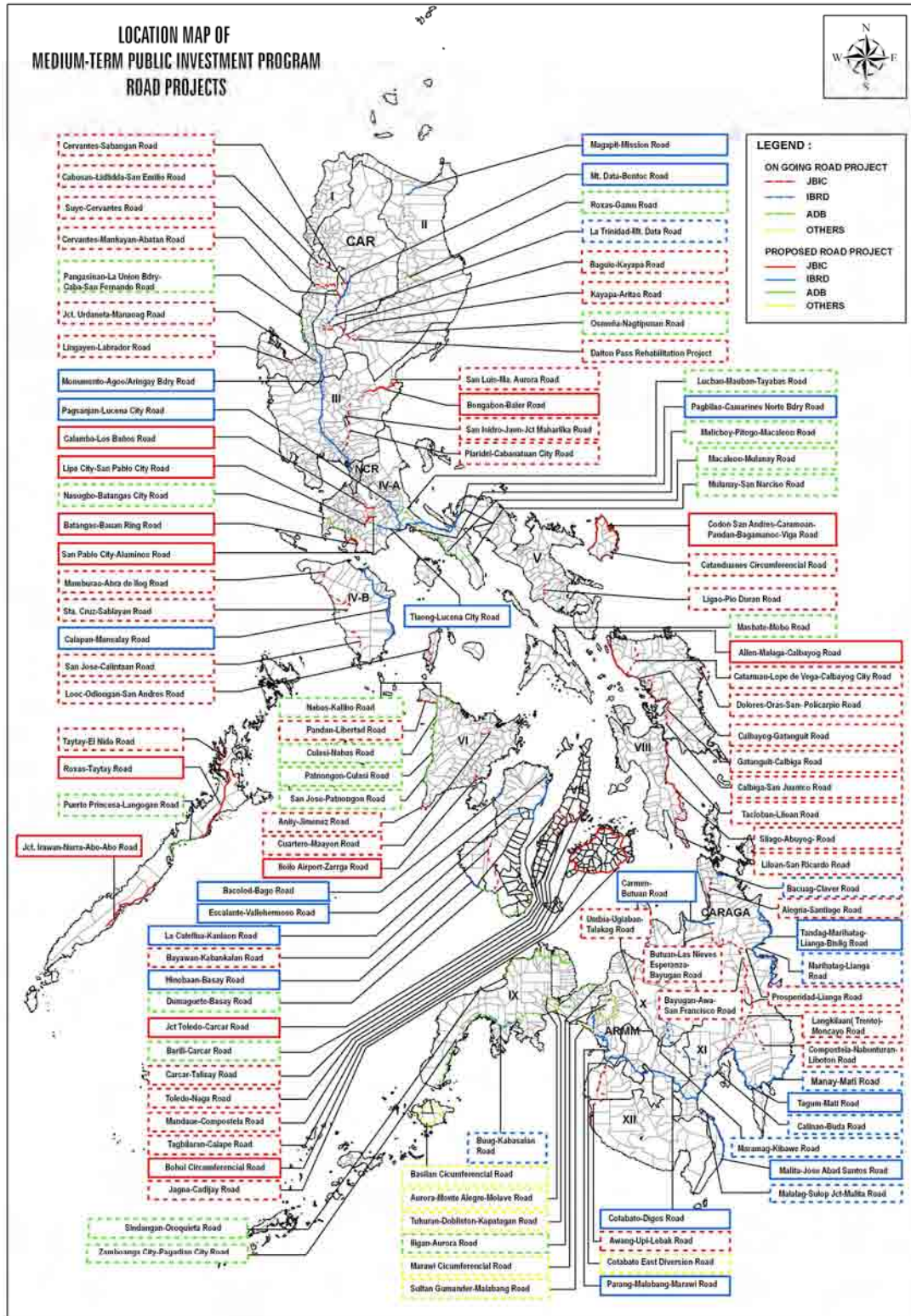
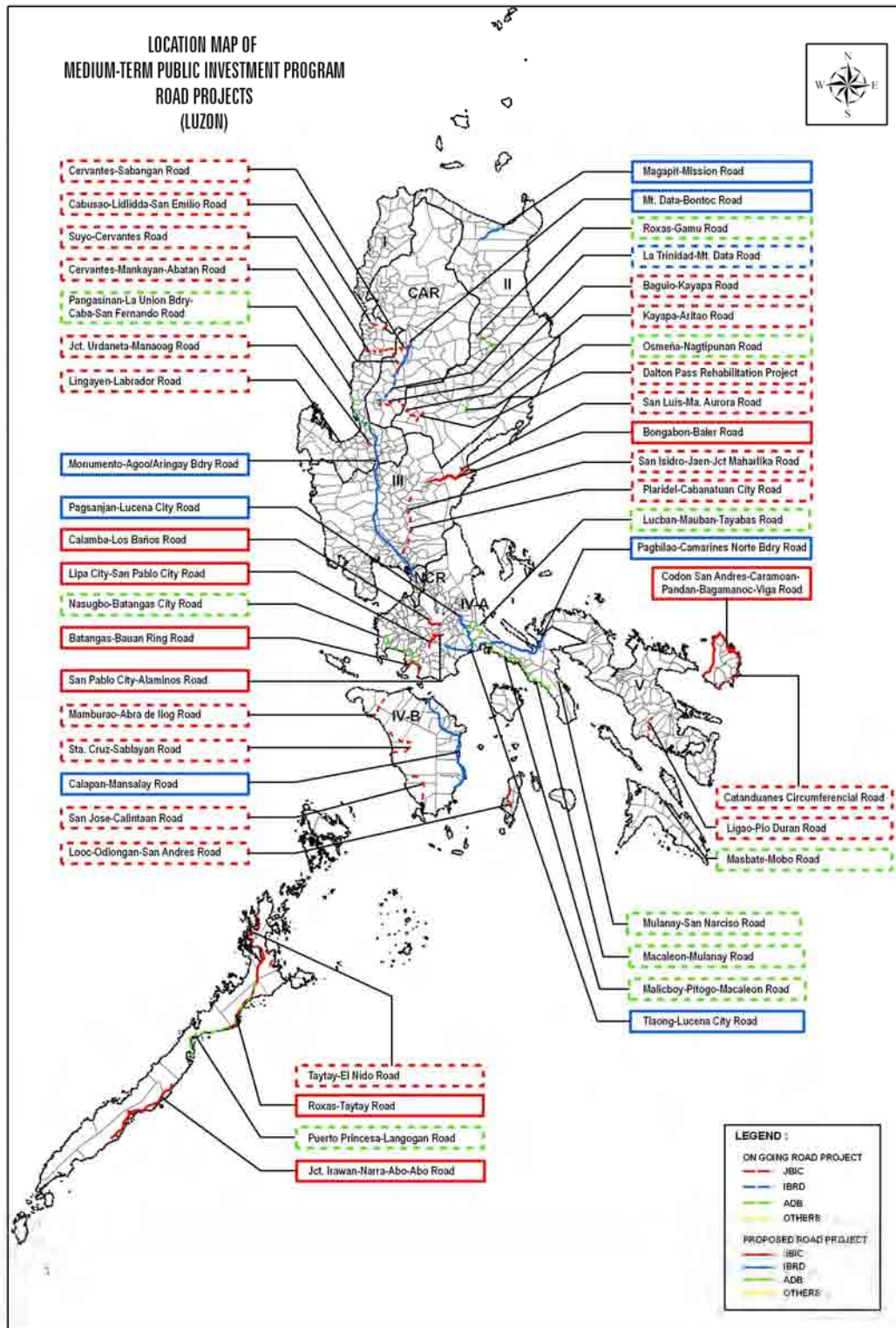


### 3. Medium- Term Investment Program Road Projects (2006-2010)

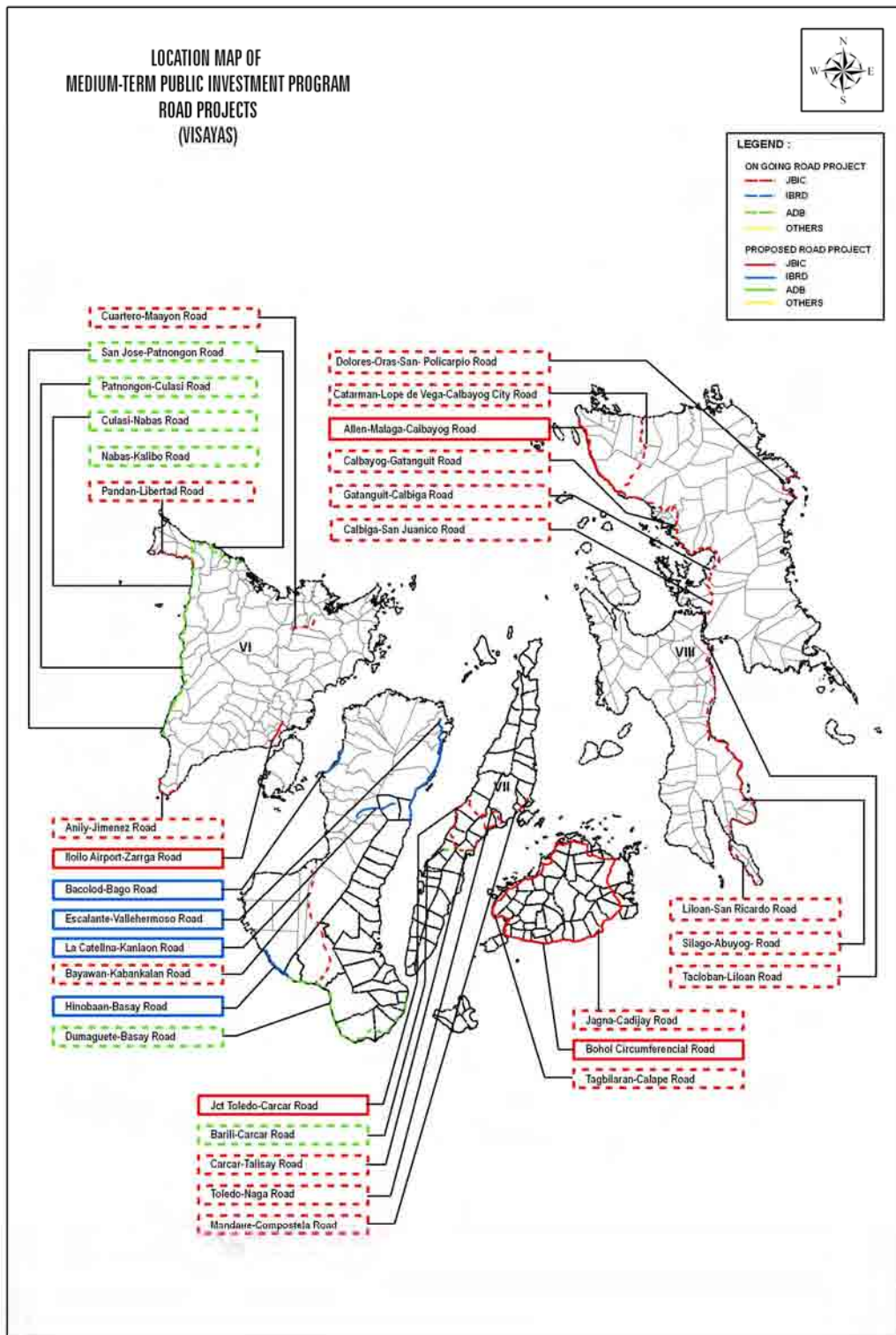
#### (1) Map



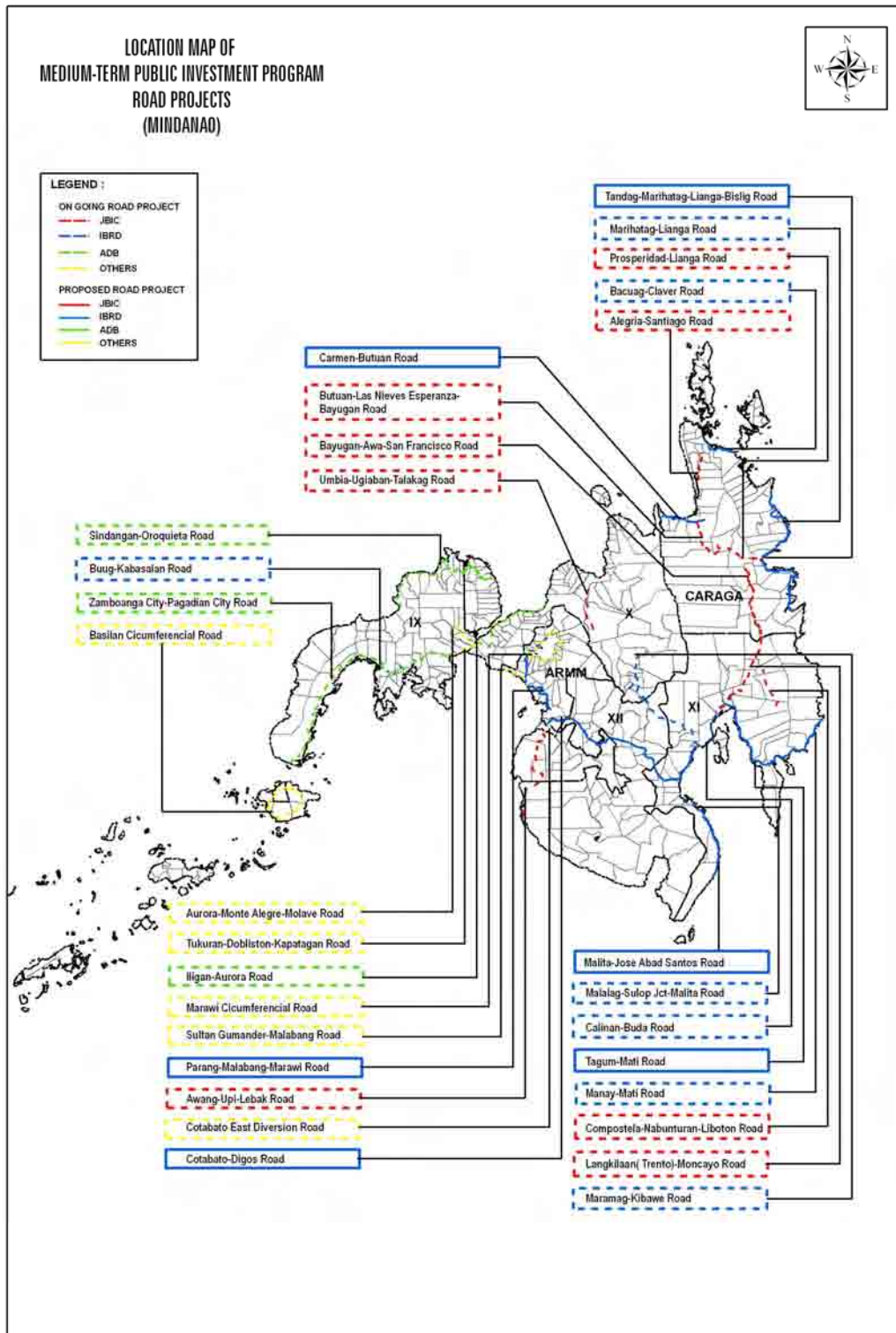
Souce: DPWH MTPIP, dated OCT 2006



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(2) List

**Highway Project in Medium-Term Investment Program (2006 – 2010)**

Region	Route	Section	Length	Budget	Fund Source
			(km)	(million pesos)	
CAR	Baguio ~ Bontoc ~ Banaue Road	La Trinidad ~ Mt. Data Section	85.00	172	IBRD
CAR	Halsema Highway, Mt. Province	Mt. Data ~ Bontoc Section	50.50	500	IBRD
CAR	Baguio ~ Pangawan(Kayapa) ~ Aritao	Baguio ~ Aritao Section	101.00	2,042	JBIC
CAR	Tinglayan (Brgy. Bagad) ~ Lubuagan ~ Tabuk	Tinglayan ~ Tabuk Section	47.00	225	UK Assisted
CAR	Tinglayan Bdry ~ Bontoc	Tinglayan Bdry ~ Bontoc Section	29.36	100	UK Assisted
CAR	Bulanao ~ Pinukpuk Jct. (Kalinga) ~ Abbut ~ Tuao (Cagayan)	Bulanao ~ Pinukpuk Jct. (Kalinga) ~ Abbut-Tuao (Cagayan) Section	48.10	146	JBIC
CAR	Kalinga ~ Abra Road	Kalinga ~ Abra Section	42.20	235	Other
<b>SUB TOTAL</b>			<b>403</b>	<b>3,420</b>	
Region I	Alaminos ~ San Pablo City Bypass Road along Maharlika Highway	Alaminos-San Pablo City Bypass Section	12.02	322	27th YEN Loan Package
Region I	San Fernando City Bypass Road	San Fernando City Bypass Section	4.80	135	Other
Region I	Jct.Urdaneta ~ Manaog Road Pangasinan	Jct.Urdaneta ~ Manaog, Pangasinan Section		102	JBIC
Region I	Suyo-Cervantes ~Sabangan Road	Ilocos Sur,Benguet & Mt. Province Section	111.44	1,914	JBIC
Region I	Cervantes-Mankayan-Abatan	Cervantes-Mankayan-Abatan Section Benguet & Mt. Province	83.00	645	JBIC
Region I	Patpat ~ Viaduct (along Laoag-Allacapan Road)	Laoag ~ Allacapan Section Ilocos Norte	1.10	146	JBIC
Region I	Jct.Banna (Espiritu)Road ~ Nueva Era Ilocos Norte/Abra Road	Era Ilocos Norte/Abra Section	4.48	86	JBIC
Region I	Pangasinan ~ La Union Bdry. ~ Caba San Fernando	Pangasinan ~ La Union Bdry. ~ Caba San Fernando Section	61.90	6	JBIC
<b>SUB TOTAL</b>			<b>279</b>	<b>3,356</b>	
Region II	Magapit ~ Sta. Ana Road, Cagayan	Magapit ~ Mission Section	33.30	149	IBRD
Region II	Capissayan ~ San Carlos	Capissayan-San Carlos Section Cagayan		40	JBIC
Region II	Solano ~ Quezon	Solano-Quezon Section	5.36	86	JBIC
Region II	Dalton Pass Road	Dalton Pass Rehabilitation Project	15.32	89	JBIC
Region II	Osmeña ~ Nagtipunan Road	Cabarroguis ~ Madella Section	17.30	2	ADB
Region II	Digdig ~ Carrangalan ~ Aritao	Digdig ~ Carrangalan ~ Aritao Section	63.70	1,486	Other
Region II	San Nicolas ~ Solsona ~ Cabugao ~ Abbut	San Nicolas ~ Solsona ~ Cabugao ~ Abbut Section	30.00	383	Other
<b>SUB TOTAL</b>			<b>164.98</b>	<b>2,235</b>	
Region III	Nueva Ecija Road	Nueva Ecija Section	49.24	14	JBIC
Region III	San Isidro ~ Jean Jct.Maharlika	San Isidro ~ Jean Jct.Maharlika Section Nueva Ecija		39	JBIC
Region III	Bongabo ~ Baler	San Luis ~ Ma.Aurora ~ Basal Section, Aurora	21.57	133	JBIC
Region III	Baliuag Bdry ~ Candaba	Baliuag Bdry ~ Candaba Section	8.45	52	JBIC

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**Highway Project in Medium-Term Investment Program (2006 – 2010)**

Region	Route	Section	Length	Budget	Fund Source
			(km)	(million pesos)	
Region III	Arterial Road Bypass Project Phase I, Plaridel Bypass	Arterial Road Bypass Project Phase I, Plaridel Bypass nad Section Cabanatuan		3,028	JBIC
Region III	Oroquieta ~ Sindagan	Oroquieta ~ Sindagan Section	82.02	331	ADB
Region III	Iligan ~ Aurora	Iligan ~ Aurora Section	97.2	107	ADB
Region III	San Jose ~ Patnongon	San Jose ~ Patnongon Section	30.7	21	ADB
Region III	Gamu ~ Roxas	Gamu ~ Roxas Section	17.3	6	ADB
Region III	Aurora ~ Monte Alegre ~ Aurora ~ Dipolog	Aurora ~ Monte Alegre Molave Section, Aurora ~ Dipolog Section	16.00	30	Kuwait-Assisted Mindanao second Road Project, KFAED Loan No. 542
Region III	Widening of Gapan ~ San Fernando ~ Olongapo (GSO)	Sta. Barbara ~ Sta. Cruz Section		1,466	KOREAN FINANCING
Region III	Tarlac-Nueva Ecija-Aurora-Dingalan Port (Tarlac City-Sta. Rosa, Nueva Ecija-Palayan City-Gabalton-Dingalan Port)		85	1,000	UK Assisted
Region III	Bongabon ~ Baler Road	Bongabon ~ Baler Section	72.66	2,070	27th YEN Loan Package
Region III	Iligan ~ Aurora Road	Iligan-Aurora Road (97.20 kms)	97.02	420	Other
<b>SUB TOTAL</b>			<b>577.16</b>	<b>8,717</b>	
Region IV-A	San Juan ~ Laiya Road	San Juan ~ Laiya Section Batangas	4.72	113	JBIC
Region IV-A	Tayabas-Mauban-Lucban Road	Batangas ~ Cavite-Laguna ~ Quezon Section)	55	130	JBIC
Region IV-A	Mulanay ~ San Narciso Road	Mulanay ~ San Narciso Section	29.4	11	JBIC
Region IV-A	Infanta-Gen. Nakar Road	Infanta ~ Gen. Nakar Section, Quezon	6.1	2	JBIC
Region IV-A	Tayabas ~ Maubaban ~ Lucban Road	Batangas ~ Cavite ~ Laguna ~ Quezon Section	55	284	ADB
Region IV-A	Macalelon-Mulanay Road	Macalelon ~ Mulanay Section	48.8	255	ADB
Region IV-A	Malunay-San Narciso Road	Malunay-San Narciso Section	29.4	20	ADB
Region IV-A	Malicboy-Pitogo-Macalelon Road	Malicboy ~ Pitogo ~ Macalelon Section	62.95	162	ADB
Region IV-A	Infanta ~ Gen. Nakar Road	Infanta ~ Gen. Nakar Section	6.10	3	ADB
Region IV-A	Palico ~ Nasugbu, Palico ~ Batangas Road	Palico ~ Nasugbu & Palico ~ Batangas Section	68.24	2	ADB
Region IV-A	Candelaria Bypass Road,	Candelaria Bypass Section, Quezon	8.5	234	28th YEN Loan Package
Region IV-A	Batangas ~ Bauan Ring Road	Batangas ~ Bauan Ring Section	22.3	400	28th YEN Loan Package
Region IV-A	Lipa City-Alaminos/San Pablo City Road	Lipa City ~ Alaminos/San Pablo City Section, Laguna	19.8	200	28th YEN Loan Package
Region IV-A	Calamba-Los Baños Bypass Road	Calamba-Los Baños Bypass Section, Laguna	17.87	640	28th YEN Loan Package
Region IV-A	CALA East ~ West San Pedro (Laguna) ~ Tanza (Cavite) Aguinaldo Highway/Salitaran Jct.-South Road	CALA East-West San Pedro (Laguna)-Tanza (Cavite) Aguinaldo Highway/Salitaran Jct.-South Section, San Pedro, Laguna		325	Other
Region IV-A	Malunay ~ San Francisco ~ Quezon Bondoc Peninsula	Malunay ~ San Francisco ~ Quezon Bondoc Peninsula Section	24.13	132	Other
Region IV-A	CALA North ~ South Talaba ~ Pala Road	CALA North-South Talaba (Bacoor) ~ Pala(Dasmariñas) Section		710	Other
Region IV-A	Quirino Highway	Quirino Section	92.83	1,408	Other
Region IV-A	Presentacion ~ Caramoan Coastal Road	Presentacion ~ Caramoan Coastal Section	24.00	113	Other

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**Highway Project in Medium-Term Investment Program (2006 – 2010)**

Region	Route	Section	Length	Budget	Fund Source
			(km)	(million pesos)	
<b>SUB TOTAL</b>			<b>575.14</b>	<b>5,144</b>	
Region IV-B	Bongabon ~ Jct. Roxas Road ~ Jct. Roxas ~ Mansalay ~ Bulalacao ~ San Jose Road	Bongabon (Oriental Mindoro) ~ San Jose (Occidental Mindoro) Section	126.25	1,114	IBRD
Region IV-B	Mindoro West Coastal Road	Mindoro West Coastal Road Phase II	118.05	3,060	28th YEN Loan Package
Region IV-B	Puerto Princesa ~ Langogan Road ~ Puerto Princesa North Road	Puerto Princesa North Section	80.34	77	ADB
Region IV-B	Langogan ~ Roxas Road	Langogan ~ Roxas Section	54.14	38	ADB
Region IV-B	San Jose ~ Rizal, Sablayan ~ Sta. Cruz Mamburao ~ Abra de Ilog Road	Mindoro west Coast Road Improvement Project San Jose ~ Abra de Ilog Section	101.18	587	JBIC
Region IV-B	Looc ~ Odiongan ~ San Andres Road	Looc-Odiongan-San Andres Section Romblon	35.34	482	JBIC
Region IV-B	Taytay ~ El-Nido Road	Taytay ~ El-Nido Section, Palawan	59.3	573	JBIC
Region IV-B	Puerto Princesa ~ Langogan Road	Puerto Princesa-Langogan Road (Puerto Princesa North Section)	80.34	43	JBIC
Region IV-B	Langongan ~ Roxas Road	Langongan ~ Roxas Section	54.14	27	JBIC
Region IV-B	Palawan South Road (Jct Irawan-Narra-Abo-Abo-Bataraza-Rio Tuba Road)	Jct Irawan-Narra-Abo-Abo-Bataraza-Rio Tuba Section	110	1,785	28th YEN Loan Package
Region IV-B	Roxas-Taytay Road	Roxas ~ Taytay Section, Palawan	64.72	981	28th YEN Loan Package
Region IV-B	Sto Niño ~ Buluang Road	Sto Niño ~ Buluang Section, Palawan	45.5	89	28th YEN Loan Package
Region IV-B	Mabini Circumferential Road	Mabini Circumferential Section	19.6	316	28th YEN Loan Package
<b>SUB TOTAL</b>			<b>948.90</b>	<b>9,172</b>	
Region V	Tigaon ~ Mayon Road	Tigaon ~ Mayon Section, Camarines Sur	19.9	1	JBIC
Region V	Catanduanes Circumferential Road	Catanduanes Circumferential Section	63.4	1,209	JBIC
Region V	Ligao ~ Pio Duran Road	Ligao ~ Pio Duran Section, Albay	21.8	363	JBIC
Region V	Libo ~ Marocmoc ~ Pantao Road	Libo ~ Marocmoc ~ Pantao Section, Albay	7.74	164	JBIC
Region V	Culasi Nabas Road	Culasi Nabas Section	44.31	127	ADB
Region V	Masbate ~ Cataingan ~ Placer Road	Cataingan-Placer Section	20	40	ADB
Region V	Masbate ~ Malinta ~ Malobo Road	Masbate ~ Malinta ~ Malobo Section	17.6	29	ADB
Region V	Kalibo ~ Nabas Road	Kalibo-Nabas Section	42	30	ADB
Region V	Catanduanes Circumferential Road, Phase II (San Andres-Caramoan-Pandan-Bagamanoc-Viga Road)	Catanduanes Circumferential Section, Phase II (San Andres-Caramoan-Pandan-Bagamanoc-Viga Section)	130	2,544	28th YEN Loan Package
Region V	Bagong Silang ~ Capalonga Road	Bagong Silang ~ Capalonga Section	22.00	253	Other
Region V	Siruma ~ Tinambac Road	Siruma ~ Tinambac Section, Camarines Sur	37.90	407	Other
Region V	Caramoan Peninsula Road	Lagono ~ Presentacion ~ Caramoan Section	110.97	415	Other
Region V	Placer ~ Masbate ~ Lagta ~ Baleno ~ Aroroy Highway	Placer-Masbate-Lagta-Baleno-Aroroy Highway, Section, Masbate	18.00	306	Other
Region V	Daang Hari Extension Between Aguinaldo Highway and Coastal Road	Daang Hari Extension Between Aguinaldo Highway and Coastal	8.00	208	Other
Region V	Lake Mainit Circumferential Road and other Related Road	Lake Mainit Circumferential Road and other Related Road	108.25	120	Other

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**Highway Project in Medium-Term Investment Program (2006 – 2010)**

Region	Route	Section	Length	Budget	Fund Source
			(km)	(million pesos)	
Region V	(GMA Highway) Camarines Sur Albay Diversion Road (	San Fernando ~ Oas Pan Philippine Highway Section	61.90	459	Other
<b>SUB TOTAL</b>			<b>733.77</b>	<b>6675.00</b>	
Region VI	Kabankala ~ Basay/San Enrique Vallerhermoso Road	Kabankala ~ Basay/San Enrique Vallerhermoso Section	76	794	IBRD
Region VI	San Enrique-Vallerhermoso Road	La Castellana-Kanlaon Section	23.34	433	IBRD
Region VI	Kabankalan Road	Hinobaan ~ Basay Section, Negros Occidental	24.89	360	IBRD
Region VI	Iloilo City ~ Caticlan Road	Iloilo City-Caticlan Section, (Aklan)		40	IBRD
Region VI	Jaro/Montinola ~ Zarraga Section	Jaro/Montinola ~ Zarraga Section	12.03	64	IBRD
Region VI	Sigma-Mambusao-Aklan/Capiz Bdry Road	Sigma ~ Mambusao ~ Aklan/Capiz Section	22.9	252	IBRD
Region VI	Kalibo Circumferential Road	Kalibo Circumferential Section, Capiz	105	252	IBRD
Region VI	Bacolod City ~ Kabankalan Road	Bacolod ~ Bago Section	14.2	150	IBRD
Region VI	Iloilo East Coast ~ Capiz Road	Iloilo East Coast-Capiz Section	39.52	313	JBIC
Region VI	Maayon ~ Cuartero ~ Jet.Iloilo/Capiz Road	Maayon-Cuartero-Jet.Iloilo/Capiz Section,Capiz	18.03	318	JBIC
Region VI	Pandan ~ Libertad ~ Antique/Aklan Bdry. Road	Pandan ~ Libertad ~ Antique/Aklan Bdry. Section, Antique		380	JBIC
Region VI	Bdry. Antique/Iloilo ~ Anini-Y-V Jimenez Road	Bdry. Antique/Iloilo ~ Anini ~ Y-V Jimenez Section, Antique	30	447	JBIC
Region VI	Patnongon ~ Culasi Road, Aklan ~ Antique ~ Iloilo Road	Patnongon ~ Culasi, (Aklan-Antique-Iloilo Section	68.33	54	JBIC
Region VI	Iloilo ~ Aslunan Road	Iloilo ~ Aslunan Section	81.85	89	JBIC
Region VI	Iloilo City ~ Caticlan Highway	Iloilo City-Caticlan Section, (Aklan)		40	JBIC
Region VI	Patnongon ~ Nabas Road	Patnongon ~ Nabas Section, Antique	30.7	5	JBIC
Region VI	Kabankalan ~ Basay Road	Hinobaan ~ Basay Section, Negros Occidental	24.89	350	JBIC
Region VI	Patnongon ~ Culasi ~ Nabas Road	Patnongon ~ Culasi Road (Aklan ~ Antique-Iloilo Section	99.03	133	ADB
Region VI	Catanduanes Circumferential Road	Catanduanes Circumferential Section	63.4	1,353	24th YEN Loan Package
Region VI	Circumferential Road I	Circumferential Road I, Metro Iloilo, Section	14	255	UK Assisted
Region VI	Metro Iloilo Radial Road, Zarraga ~ Iloilo Airport Road	Metro Iloilo Radial Road ~ Zarraga ~ Iloilo Airport Section	14	1,023	28th YEN Loan Package
Region VI	Roxas City Circumferential Road	Roxas City Circumferential Section, Capiz	19.86	325	Other
Region VI	Bacolod City ~ Granada Road	Bacolod City ~ Granada Section, Negros Occidental	8.3	196	28th YEN Loan Package
Region VI	Panay east ~ West Road (Concepcion ~ Sara-San Rafael ~ Passi ~ Calinog ~ Lambunao ~ Valderrama Road	Panay east ~ West Road (Concepcion ~ Sara-San Rafael ~ Passi ~ Calinog ~ Lambunao ~ Valderrama Section	196.07	900	Other
Region VI	Nabas ~ Libertad Road	Nabas ~ Libertad Section Aklan	48.71	325	Other
Region VI	Bayugan ~ San Luis ~ Talacogon ~ La paz ~ Loreto ~ Veruela ~ Sta. Josefa Road	Bayugan ~ San Luis ~ Talacogon ~ La paz ~ Loreto ~ Veruela ~ Sta. Josefa Section	85.00	978	Other

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**Highway Project in Medium-Term Investment Program (2006 – 2010)**

Region	Route	Section	Length	Budget	Fund Source
			(km)	(million pesos)	
Region VI	Guihulngan ~ Isabela ~ Binalbagan Road	Guihulngan ~ Isabela ~ Binalbagan Section	62.75	658	Other
Region VI	Iloilo City ~ Caticlan (Aklan) Highway	Iloilo ~ Ivisan ~ Caticlan Section	60.00	207	Other
Region VI	New Airport Access Road	New Airport Access Section	10.10	134	Other
Region VI	Bacolod Circumferential Road	Bacolod Circumferential Section	34.00	57	Other
<b>SUB TOTAL</b>			<b>1286.90</b>	<b>10885.00</b>	
Region VII	Bayawan ~ Kabankalan Road	Bayawan ~ Kabankalan Section, Negros Oriental	17.99	57	JBIC
Region VII	Cebu South Road	Santander ~ Talisay ~ Toledo ~ Carcar Section	43.2	324	JBIC
Region VII	Bohol Circumferential Road	Calape ~ Loon ~ Loay Section, Loay ~ Valencia ~ Candijay Section	136.3	1,779	JBIC
Region VII	Naga-Toledo Road Cebu	Naga-Toledo Section, Cebu		825	JBIC
Region VII	Cebu City ~ Bogo	Cebu City ~ Bogo Section	106.00	420	Other
Region VII	Dalaguete ~ Badian	Dalaguete ~ Badian Section	30.20	128	Other
Region VII	Alegria-Santiago	Alegria ~ Santiago Section	22.9	209	JBIC
Region VII	Iloilo ~ Aslunan	b.10 Iloilo-Aslunan Section	81.85	142	ADB
Region VII	Barili ~ Carcar ~ Bato	Barili ~ Carcar ~ Bato Section, Cebu	122.3	43	ADB
Region VII	Jagna-Sierra Bullones-Clarin-Tubigon	Jagna ~ Sierra Bullones ~ Clarin ~ Tubigon Section, Bohol	70	912	UK Assisted
Region VII	Cebu South Coastal Road	Cebu South Coastal Road Project, Segment 3B-2 (0.97 kms)	0.97	2,204	28th YEN Loan Package
Region VII	Allen ~ Malaga ~ Calbayog	Allen ~ Malaga ~ Calbayog Section		1,916	28th YEN Loan Package
Region VII	Cebu North Coastal Road (800 lm Viaduct)		0.800	1,314	28th YEN Loan Package
Region VII	Bohol Circumferential Road, Phase II	Bohol Circumferential Section, Phase II		1,345	28th YEN Loan Package
Region VII	Siquijor Circumferential	Siquijor Circumferential Section	75.33	1,170	Other
Region VII	Bayawan ~ Baisan ~ Dawis ~ Peñabona	Bayawan ~ Baisan ~ Dawis ~ Peñabona Section	30.00	510	Other
Region VII	Panglao Island Circumferential Road 2	Panglao Island Circumferential Road 2 Section	35.15	320	Other
Region VII	Guimaras Circumferential	Guimaras Circumferential Section	53.32	320	Other
Region VII	Toledo ~ Tabuelan ~ San Remigio	Toledo-Tabuelan-San Remigio Section	68.20	290	Other
Region VII	San Carlos ~ Dumaguete Road	San Carlos ~ Dumaguete Section, Negros Oriental/Occidental	44.00	420	Other
Region VII	Bacolod ~ Murcia ~ Don Salvador Benedicto ~ San Carlos City Road	Bacolod ~ Murcia ~ Don Salvador Benedicto ~ San Carlos City Section, Negros Occidental	82.00	190	Other
Region VII	Acop ~ Kapangan ~ Kibungan	Acop ~ Kapangan ~ Kibungan Road	55.20	300	Other
Region VII	Gurel ~ Bokod ~ Kapangan ~ Buguias	Gurel ~ Bokod ~ Kapangan ~ Buguias Section	89.00	570	Other
Region VII	Palo East and West Bypass	Palo East and West Bypass Section	4.80	120	Other
<b>SUB TOTAL</b>			<b>1169.51</b>	<b>15828.00</b>	

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**Highway Project in Medium-Term Investment Program (2006 – 2010)**

Region	Route	Section	Length	Budget	Fund Source
			(km)	(million pesos)	
Region VIII	Dolores-Oras-San Policarpov	Dolores ~ Oras ~ San Policarpov Section, Eastern Samar		74	JBIC
Region VIII	Himayagan ~ Silago Southern Leyte ~ Abuyog and Liloan ~ San Ricardo Road	Himalayan ~ San Ricardo Section, Southern Leyte	136.21	2,968	JBIC
Region VIII	Cataman ~ Lope de Vega-Calbayog Road	Cataman ~ Lope de Vega-Calbayog Section, Northern Samar	45.3	483	JBIC
Region VIII	Calbayog ~ Gatanguit (Tizon Br) ~ Calbigan Road	Calbayog ~ Gatanguit (Tizon Br) ~ Calbigan Section	188.5	3,929	JBIC
Region VIII	b.12 Dumaguete-Siaton-Basay	Dumaguete ~ Siaton ~ Basay Section	123.3	39	ADB
Region VIII	Himalayan ~ Silago Road	Himalayan ~ Silago Section, Southern Leyte, Leyte	60.6	965	24th YEN Loan Package
Region VIII	Silago ~ Abuyog Road	Silago ~ Abuyog Section, Southern Leyte, Leyte	38.2	948	24th YEN Loan Package
Region VIII	Liloan ~ San Ricardo Road	Liloan ~ San Ricardo Section, Southern Leyte	37.4	113	24th YEN Loan Package
Region VIII	Liloan (Panaon) ~ Naval (Biliran) Highway	Liloan (Panaon) ~ Naval (Biliran) Section	26	338	UK Assisted
Region VIII	Sto Rosario ~ Matagob-Palompon Road	Sto Rosario ~ Matagob ~ Palompon Section, Leyte	23.71	154	Other
Region VIII	Villaba-Tabangco-San Isidro-calubian-Leyte Road (67.10 kms)	Villaba ~ Tabangco ~ San Isidro ~ Calubian ~ Leyte Section	67.10	421	Other
Region VIII	Samar Pacific Coastal Road	Palapag ~ Mapanas-Lapinig ~ Jipapad-Arteche ~ San Policarpo ~ Oras Section	276.00	297	Other
<b>SUB TOTAL</b>			<b>1022.32</b>	<b>10,729</b>	
Region IX	Pagadian City ~ Buug	Pagadian City ~ Buug Section	200.64	684	ADB
Region IX	Basilan Circumferential	Basilan Circumferential Section	86.2	1,133	Saudi Fund Development Mindanao Road Improvement Projects
Region IX	Dakak ~ Dapitan City	Dakak ~ Dapitan City, Section, Zamboanga Del Norte	10	160	UK Assisted
Region IX	Siocon ~ Siraway ~ Sibuco ~ Baliguian	Siocon-Siraway-Sibuco-Baliguian Section, Zamboanga Del Norte	83.3	898	UK Assisted
Region IX	Liloy ~ Labason ~ Siocon Road	Liloy ~ Labason ~ Siocon Section, Zamboanga del Norte	89.50	287	Other
Region IX	Limpapa ~ Zamboanga City	Limpapa ~ Zamboanga City Section, Zamboanga del Norte	22.90	175	Other
Region IX	Oroquieta City ~ Dapitan City ~ Dipolog City	Oroquieta City ~ Dapitan City ~ Dipolog City Section	93.00	189	Other
<b>SUB TOTAL</b>			<b>585.54</b>	<b>3,526</b>	
Region X	Oroquieta ~ Sandigan	Oroquieta ~ Sandigan Section	85.02	234	JBIC
Region X	Doblison ~ Sultan Gumander, (Pagadian ~ Cotabato Road	Doblison ~ Sultan Gumander, Pagadian ~ Cotabato Section	16.00	567	Other
Region X	Cotabato City East Diversion	Cotabato City East Diversion Section	11.8	444	Kuwait-Assisted Mindanao second Road Project, KFAED Loan No. 542
Region X	Mindanao East West Lateral Road, Iligan ~ Bukidnon	Sta. Felomina ~ Ticalaan, Iligan ~ Bukidnon Section	75.00	1,890	Other
Region X	Tangub City ~ Bonifacio ~ Don Victorino	Tangub City ~ Bonifacio ~ Don Victorino Section	56.60	460	Other

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**Highway Project in Medium-Term Investment Program (2006 – 2010)**

Region	Route	Section	Length	Budget	Fund Source
			(km)	(million pesos)	
Region X	Western Coastal Road	Western Coastal Section	7.60	67	Other
<b>SUB TOTAL</b>			<b>252.02</b>	<b>3662.00</b>	
Region XI	Davao-Bukidnon Road	Buda ~ Maramag Section	56	80	IBRD
Region XI	Compostela ~ New Bataan ~ Liboton ~ Tupaz Road	Compostela ~ New Bataan ~ Liboton ~ Tupaz Section Compostella Valley	31.59	62	JBIC
Region XI	Malalag ~ Malita ~ Don Marcelino ~ J.A. Santos	Malalag ~ Malita ~ Don Marcelino ~ J.A. Santos Section	90.72	370	IBRD
Region XI	Manay ~ Mati	Manay-Mati Section Davao Oriental	59.58	330	IBRD
Region XI	Monkayo Bypass ~ Monkayo- Nabuntaran-Tagum	Monkayo Bypass ~ Monkayo ~ Nabuntaran ~ Tagum Section	63.5	1,159	JBIC
<b>SUB TOTAL</b>			<b>301.39</b>	<b>2,001</b>	
Region XII	Cotabato City ~ Marawi City Road	Parang ~ Malabang ~ Marawi Section	128.91	449	IBRD
Region XII	Cotabato (Jct. Awang) ~ Upi ~ Lebak Kalamansig	Cotabato (Jct. Awang) ~ Upi ~ Lebak Kalamansig Section	87.62	2,018	JBIC
Region XII	Sultan Gumander ~ Malabang (Pagadian ~ Cotabato)	Sultan Gumander ~ Malabang (Pagadian ~ Cotabato Section)	33.1	316	Kuwait-Assisted Mindanao second Road Project, KFAED Loan No. 542
Region XII	Paco ~ Roxas ~ Antipas Road	Paco ~ Roxas ~ Antipas Section, North Cotabato	25.71	63	Other
Region XII	Digos-Cotabato Road	Digos ~ Cotabato Section	161.3	600	IBRD
Region XII	Jct. Surallah ~ Lake Sebu	Jct. Surallah ~ Lake Sebu Section, South Cotabato	18.82	178	Other
<b>SUB TOTAL</b>			<b>455.46</b>	<b>3,624</b>	
Region XIII	Surigao ~ Davao Coastal Road	Surigao ~ Davao Coastal Section	155.7	1,038	IBRD
Region XIII	Jct Bacuag ~ Claver Prov'l Bdry	Jct Bacuag ~ Claver Prov'l Bdry Section, Surigao del Norte	40.14	224	IBRD
Region XIII	Marihatag ~ San Agustin ~ Liangga and Tagbina ~ Hinatuan ~ Bislig	Marihatag ~ San Agustin ~ Liangga and Tagbina ~ Hinatuan- Bislig Section, Surigao del Sur	44.47	482	IBRD
Region XIII	Contract Package 2 San Francisco- Langkilaan Road	San Francisco-Langkilaan Section(Agusan del Sur/Davao del Norte Bdry.)	69.7	1,311	JBIC
Region XIII	Prosperidad ~ Lianga Road	Prosperidad-Lianga Section, Agusan del Sur	19.49	315	JBIC
Region XIII	Butuan City ~ Las Nieves-Esperanza Bayugan Road	Butuan City ~ Las Nieves ~ Esperanza Bayugan Section, Agusan del Sur	46.82	1,076	JBIC
<b>SUB TOTAL</b>			<b>376.32</b>	<b>4,446</b>	
<b>GRAND TOTAL</b>			<b>9,131.31</b>	<b>93,420</b>	

Sauce: DPWH MTPIP, dated OCT 2006

## **Appendix-2**

### **Format of Slope Inventory: Integration Table of Risk Management for Road Slope Disasters**





**Integration Table of Risk Management for Road Slope Disasters (3/4)**

(RCD: Road Closure Disaster, FRCDa: Actual Frequency of RCD, FRCDp: Potential Frequency of RCD, FRCDpwc: Potential Frequency of RCD with countermeasure)

Survey ID	Detailed Inventory Survey												
	Sheet 5												
	Countermeasure alternative II						Countermeasure alternative III						
Cost of countermeasure with 20 years maintenance (pesos)	Risk reduction ratio in RCD due to countermeasure (ratio)	Decrease in annual loss due to countermeasure (pesos)	FRCDpwc with countermeasure (years)	BCR: Benefit/Cost Ratio at 15% discount rate (ratio)	ENPV: Economic Net Present Value at 15% discount rate (pesos)	EIRR: Economic Internal Rate of Return (%)	Cost of countermeasure with 20 years maintenance (pesos)	Risk reduction ratio in RCD due to countermeasure (ratio)	Decrease in annual loss due to countermeasure (pesos)	BCR: Benefit/Cost Ratio at 15% discount rate (ratio)	ENPV: Economic Net Present Value at 15% discount rate (pesos)	EIRR: Economic Internal Rate of Return (%)	

