INSTRUCTION-1: COMPILATION OF PHOTOGRAPHS

1. Pasting of Photographs

Paste all photographs on the A-3 size paper in accordance with negative number. Change page when you paste photographs of another negative.

2. Road Number/Bridge Name

When the road number can be identified by the photograph, no need to write down the road number on the A-3 size paper. If not, write down road number under the photo.

Bridge name shall be written down on the A-3 size paper.

3. Binding

Pasted photographs on the A-3 size papers shall be binded into several volumes with an appropriate thickness.

4. Table of Contents

Each volume shall be attached with Table of Contents. Two kinds of Table of Contents shall be prepared:

Table of	Contents by Page	Table of Con	tents by Road
Page No.	Road Number	Road No.	Page No.
1	4B522	4B522	1, 3
2	4B523	4B523	2, 6, 7

5. Compilation of Negatives and Contact Prints

Prepare contact prints.

A contact print and corresponding negative shall be filed in the negative holder.

INSTRUCTION-2: FINALIZATION OF ROAD MAP

 Although we have prepared road map (on mylar base) prior to the field survey, road number/section number may have been changed or new road may have been added in the field. You are required to prepare the final road map indicating road number, section number and kilometerage used in the field survey.

2. Kilometerage

Following Kilometerage (or Station) shall be indicated:

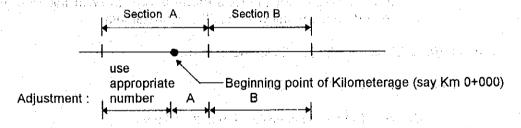
- The beginning (or the youngest) point of kilometerage in the province/island.
- The beginning kilometerage of each road.

Note-1:

In some provinces/islands, kilometerage indicated in the Straight Line Road Diagram is different from that in the field. In this case, use kilometerage in the field.

Note-2:

In some provinces/islands, the beginning (or the youngest) point of kilometerage does not always the same as the beginning of a road. In this case, adjust section number.



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INSTRUCTION-3: FINALIZATION OF FIELD SURVEY DATA FOR ENCODING: ROAD CONDITION SURVEY SHEET

1. For encoding purpose, we have changed the format, particularly header data (see Table-1).

For those who have already <u>re-written field sheet neatly</u> after you came back to a hotel, follow **Instruction-3.1**.

For those who have <u>not re-written field sheet</u> and field sheets are still difficult to read, follow **Instruction-3.2**.

2. Instruction-3.1: In case that the field sheets are neat and clear.

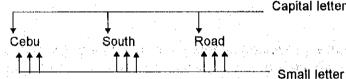
Basically, you are not required to re-write on the new format. You prepare header data and paste it on the neatly written field sheet.

Header Data

Road Name:

Road No. : Indicate full road number including regional and provincial code

numbers.



Space provided for the road name is 50. In case the road name exceeds 50, consult with the JICA Consultants.

Admin. Road Class: N, P, C: Circle one of them.

Functional Class: NS, EW, OR, ZN, PR, CR

DPWH's functional classification is as follows:

NS: North-South Backbone

EW : East-West Lateral

OR : Other Road of Strategic Importance

ZN : Secondary National Road

PR : Provincial Road

CR : City Road

Refer to "National Arterial Road Network Map" for DPWH's classification. Take note that Provincial Road is sometimes classified as EW or OR. When you are not sure of classification of certain road, consult with the JICA consultants.

A/F : Adjustment factor for odometer reading. Prior to the field survey, you have determined A/F for each vehicle. Indicate A/F. Example: 0.976

or 1.097

ROAD CONDITION SURVEY SHEET

A/F: Date:

NS, EW, OR, 2N, PR, CR

Functional Class:

Admin, Road Class: N, P, C Length: Km.

Road No.:

Road Name:

Sheet No.

1-436F-1

Remarks Survey Method L I u x டக u r u. I u x цΙ ш, ж u, T u. T u I u r Length of Disaster Potential Section R H S H R H SR FR S E R R R R # K S. R. ያ ස S E ያ ස $\widehat{\mathbf{E}}$ S S L 887 S 5 7 S 5 7 SS ES DF S 3 4 S 5 4 S 5 5 SS SE S S H CS CF CF CF S ES Substandard Alignment Section (m) Length of **x** > **x** > **x** > **x** > **=** > **I** > **x** > I > x > **x** > **x** > ェ > Ø D മഗ a o ⊃ a. vs ⊃ Δ. .(0) a o മഗ⊃ വഗ a 0 0 Land Use ∢ և. } ₹ ₹ ∢ఒ≩ ∢ఒ≩ ∢μ≥̈́ ∢ఒ≥ ∢μ≥ ≥ ∢μ≯ ≥ **∢** U. ∢ LL Terrain ıπ α ∑ π α ≥ шαΣ пизгия шα≨ u α Σ π.α.Σ Side walk ≥ 8 ≥ 8 ≥ × × ≥ % ≥ § ≥ 8 ≥ § × 0 × % § 8 ≥ % × % Width $\widehat{\mathbf{E}}$ Shoulder ОШ ரு ய Om மு ய œш () w O m டு ய O m மு ய **ე w** O m Type Ö ∢ OK υ× U.∢ υ∢. ე .⊀ OÀ O « OK O « O « o ∢ Width (m) Median _____ ۵ ⊃ \supset \supset 5 \Rightarrow ~ ⊃ Condition Carriageway Pavement ω > <u>m</u> > a > ۵ > a > m > ج <u>د</u> <u>m</u> > ω > m > < œ ω > ் ய ு ய O LL Oμ O LL ு டி ტ ს. ரு .. ட ு ட மு. ட ு ய Oπ Width Ξ Ош **O**, W oμ O m மு ய Ф. ш ுய Θш **ம** ய οш φш Oш Type o ∢ O 0 < o ∢ υ ∢ OK ۹ ⋖ OA O ⋖ OK OK Reading meter ဗိ Length (km) Section Sub-Š

Length:

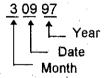
Total length of a section (A or B or C, etc.). Length shall be based on the odometer reading without adjustment (or based on the field reading).

(From _____ + ____) (+, -): Kilometerage of the beginning of each road (not section), determined based on the odometer reading without adjustment.

For a provincial road, indicate kilometerage of an intersecting national road.

(+, -): Circle + when the kilometerage is increasing, and - when decreasing towards the succeeding section.

Date : Enter survey data as follows:



Field Condition Data

As accomplished in the field, except for the following:

Length

Mark with yellow or other light color. An encoder is not

required to enter this subsection length.

Odometer Reading:

Subsection No. 1 must have two odometer readings. The odometer reading at the beginning of Subsection No. 1 shall be entered at upper portion and the end reading at the lower portion of the row of Subsection No. 1.

For the succeeding sub-sections, only end reading shall be entered at the lower portion of each row of sub-section.

Take note that odometer reading shall be the field reading without adjustment. Adjustment will be made by the computer.

When you <u>re-set odometer reading to 0</u> (zero) within one section, <u>change odometer reading</u> as if you read the odometer reading continuously (or the odometer reading shall be continuous within one section).

Remarks

First letter of a word shall be the capital letter and the remaining shall be small letters.

3. Instruction-3.2: In case that the field sheets were not re-written.

Re-write on the new format based on the Instruction-3.1 and field data.

INSTRUCTION-4: FINALIZATION OF FIELD DATA FOR ENCODING: BRIDGE CONDITION SURVEY SHEET

New format is shown in Table-2.

Basically follow Instruction-3. However, take note the following:

Bridge Name : First letter shall be the Capital letter and the remaining

small letters.

Odometer Reading: Whenever you change the odometer reading in

accordance with Instruction-3, do not forget to change the

odometer reading of Bridge Sheet.

7ABLE-2 BRIDGE CONDITION SURVEY SHEET

Sheet No.

Road No.: Admi. Road Class: N. P. C

Road Name: Functional Class: NS, EW, OR, 2N, PR, CR

Date:

Sub-	Bridge Name	Odometer	Bridge	Bridge	Span		Width		Bridge Damage	amage			Appr	oach Ro	Approach Road Damage	a)	Survey	Remarks
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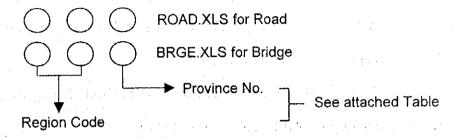
ERROR CHECK OF ROAD INVENTORY DATA

A. VALIDITY CHECK

1. Road Number (cell : AD2)

Data File shall be created province by province.

Rule of naming data file is:



Ex. 4B2ROAD.XLS for Road in Occidental Mindoro 4B2BRGE.XLS for Road in Occidental Mindoro

If road number in cell C3 does not begin with province code 4B2, "Error" will appear.

2. Road Name (cell : AD3)

Maximum 50 characters, if road name is more than 50 characters, "Error" appears.

If road name is not entered in cell G3, "Error" appears.

3. Administrative Classification (cell : AD4)

Capital letter of N, P, C only, if other letters are entered, "Error" will appear.

4. Functional Classification (cell: AD5)

Capital letter of NS, WE, OR, 2N, PR, CR only, if other letters are entered, "Error" will appear.

5. A/F (cell : AD6)

Adjustment factor must be 0.8 ≤ A/F ≤ 1.3.

If adjustment factor is outside the range, "Error" will appear.

6. Sign (cell: AD7)

Either "+" or "-" if other letters are entered, "Error" will appear.

7. **Date** (cell : AD8)

Survey date must be March 1 - May 15, 1997.

If survey date is not within the specified period, "Error" will appear.

8. Pavement Type (cell: AB11)

C, A, G, E, '-' only, if other letters are entered, "Error" will appear.

9. Pavement Condition (cell: AD7)

G. F. B. V. I, U. '-' only, if other letters are entered, "Error" will appear.

10. Carriageway Width (cell: AD11 - below)

Numerical value must be entered for existing road, if data other than numerical value is entered, "Error" will appear.

For non-existing road, "-" must be entered, if other character is entered, "Error" will appear.

11. Median Width (cell: AE11 - below)

Numerical value must be entered if median exists, if data other than numerical value is entered, "Error" will appear.

If median does not exist, "-" shall be entered, if other character is entered, "Error" will appear.

12. Shoulder Type (cell: AG11 - below).

C, A, G, E, '-' only, if other character is entered, "Error" will appear.

13. Sidewalk (cell: AH11 - below)

W, W/O only, if other character is entered, "Error" will appear.

14. Terrain (cell: Al11 - below)

F. R. M only, if other character is entered, "Error" will appear.

15. Landuse (cell: AJ11, AK11 - below)

A, F, W, P, S, U only, if other character is entered, "Error" will appear.

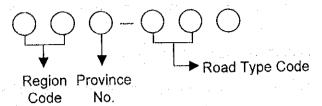
16. Survey Method (cell: AL11 - below)

F, H only, if other character is entered, "Error" will appear.

B. CONSISTENCY CHECK

1. Road Number (cell: AO4)

Rule of naming road number is:



01 - 09 Expressway (National)

11 Pan-Philippine Highway

(National)

12 Manila North Road (National)

21 – 59 Other National Road 61 – Provincial City Road

91 - New road proposed by the

Study

If road type code 13 through 20 is used, "Error" will appear.

If road type code is less than 60 and administrative road class is not "N", "Error" will appear.

If road type code is between 61 – 89 and administrative road class is not "P" nor "C", " Error" will appear.

2. Road Classification (cell: AO5)

If administrative class is "N" and functional class is "PR" or "CR", "Error" will appear.

If administrative class is "P" and functional class is not "PR", "Error" will appear.

If administrative class is "C" and functional class is not "CR", "Error" will appear.

3. Pavement Type/Width (cell : AM11 - below)

If pavement type is "-" and pavement width is not zero, "Error" will appear.

If pavement type is not "-" and pavement width is zero, "Error" will appear.

4. Pavement Condition (cell: AN11 - below)

If pavement type is "-" and pavement width is not "-", "Error" will appear.

If pavement type is not "-" and pavement width is "-", "Error" will appear.

5. Median Width (cell: AO11 - below)

If median width is zero and number of carriageway is not zero, "Error" will appear.

If median width is greater than zero and number of carriageway is zero, "Error" will appear.

6. Shoulder Width/Type (cell: AP11 - below):

If shoulder width is zero and shoulder type is not "-", "Error" will appear.

If shoulder width is greater than zero and shoulder type is "-", "Error" will appear.

7. Substandard Alignment Section (cell: AQ11 - below)

If total length of (V + H) is greater than subsection length, "Warning" will appear.

It is not an error though total length of substandard alignment exceeds subsection length since substandard alignment of both horizontal and vertical can be observed at same location. Warning message in this cell is to remind user whether input data is correct or not.

8. Disaster Length (cell : AR11 - below)

If total length of (CS + ES + DF + SR + FR) is greater than subsection length, "Warning" will appear.

It is not an error though total length of disaster spots exceeds subsection length since several types of disaster may occur at the same location at same time. Warning message in this cell is a simple reminder to user to confirm whether input data is correct or not.

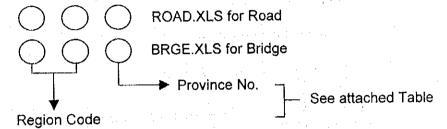
ERROR CHECK OF BRIDGE INVENTORY DATA

A. VALIDITY CHECK

1. Road Number (cell: AE2)

Data File shall be created province by province.

Rule of naming data file is:



Ex. 4B2ROAD.XLS for Road in Occidental Mindoro 4B2BRGE.XLS for Road in Occidental Mindoro

If road number in cell C3 does not begin with province code 4B2, "Error" will appear.

2. Road Name (cell: AE3)

Maximum 50 characters, if road name is more than 50 characters, "Error" appears.

If road name is not entered in cell G3, "Error" appears.

3. Administrative Classification (cell : AE4)

Capital letter of N, P, C only, if other letters are entered, "Error" will appear.

4. Functional Classification (cell: AE5)

Capital letter of NS, WE, OR, 2N, PR, CR only, if other letters are entered, "Error" will appear.

5. Date (cell: AE6)

Survey date must be March 1 - May 15, 1997.

If survey date is not within the specified period, "Error" will appear.

6. Bridge Type (cell: AD9)

P, B, T, S, F, N only, if other letter is entered, "Error" will appear.

7. Slab Superstructure, Substructure, 1st Approach, 2nd Approach (cell : AE9, Al9 - below)

-, L, M, H, U and blank only, if other letter is entered, "Error" will appear.

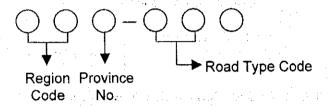
8. Survey Method (cell : AJ9 - below)

F, H only, if other letter is entered, "Error" will appear.

B. CONSISTENCY CHECK

1. Road Number (cell: AM3)

Rule of naming road number is:



01 - 09 Expressway (National)

13 Pan-Philippine Highway

(National)

14 Manila North Road (National)

21 - 59 Other National Road

61 - Provincial City Road

91 – New road proposed by the

Study

If road type code 13 through 20 is used, "Error" will appear.

If road type code is less than 60 and administrative road class is not "N", "Error" will appear.

If road type code is between 61 – 89 and administrative road class is not "P" nor "C", " Error" will appear.

2. Road Classification (cell: AM4)

If administrative class is "N" and functional class is "PR" or "CR", "Error" will appear.

If administrative class is "P" and functional class is not "PR", "Error" will appear.

If administrative class is "C" and functional class is not "CR", "Error" will appear.

3. Bridge Type/Carriageway Width (cell : AK9 - below)

If bridge type is "N" or "F" and carriageway width is not "0.0", Error will appear.

If bridge type is not "N" nor "F" and carriageway width is less than 2.0, Error will appear.

4. Approach Damage (cell : AL9, AM9 - below)

If approach damage is "-" or blank and damage length is not "0.0", "Error" will appear.

If approach damage is not "-" or blank and damage length is "0.0", "Error" will appear.

APPENDIX 3.4 - 1

PRESENT ROAD / BRIDGE CONDITION DATA

Master Plan Study on Visayas and Mindanao Islands Strategic Road Network Development Project Road Length Summary by Pavement Type per Adminisrative Road Classification

	Xedion		-						Simmarch			Total	Paved	. Unpaved	on.	Impassable	Total
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Control beauty Cont		Occidental Mindoro	29.92	235.15	ž	29.99	297.00	21,52	110.35	00.0	0.0	131.88	51.45	345.50	1.94	58.88	428.88
Particular	<u>8</u>	Oriental Mindoro	154.16	128.57	0.76	9,44	292.92	34.31	80.05	181	8	116,21	188.47	208.62	2.60	1	409-13
Property	·	Palawan	210.90	452.33	8	000	663.23	000	103.02	8 6	7 S	141.36	210.90	555.35	8 6	X 5	804,59
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Continue	Ĵ	- Order	20.00	40.83	200		143.08	. 34. 84	32.00	8	90.0	112 15	121 01	134.21	800	00.0	255.22
Company Comp		Acian	07.70	70.04	3:8	3 6	20.00	67.0	2000	3:5	3 8	2 8 8	55.77	207 97	88	22	351.60
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Proposition	5	Note	87.80	200.73	79.0	31	30.00	9	77.7	2.0	9 9	5	200	3	3 6	216	2
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Submittant Strate 11.73 11.74		Leyte	527.53	319.44	28.97	13.18	889.12	24,40	26.06	8	27.59	128,15	551.93	385.50	/8.65	79.04	77/10
Billion 17.5 48.04 2.46 0.44 1.22.91 0.00		Southern Leyle	41.36	71.83	27.55	8	240,74	280	22.34	8	8	22.57	2	2	27.55	8	78.502
Company of the comp		Silinan	31.72	98.30	2.46	4	132.91	800	000	8	800	8	31.72	88	2.46	3	32.9
Weisting Sharing 125.64 9.66 1.62.26 5.50 1.62.26 5.60 1.62.26 5.60 1.62.26 5.60 1.62.26 5.60 1.62.26 5.60 1.62.26 5.60 1.62.26 5.60 1.62.26 1.62.	₹	Eastern Samar	199.35	107.43	80	0.00	306.76	1.72	9.43	8	000	11,15	201.08	116.84	8	8	31,8
Western Standy Table 18, 14, 2 Color Col	÷	Northern Samar	125.64	36.62	000	0.0	62.26	3.20	61.98	2,85	56.88	124.92	128.84	99.60	2.85	88	287 17
Control Control Control Control Control Control Control Control Control Control Control Co		Western Samer	266.91	24,82	000	6.26	297.96	19.84	83.44	000	16.01	129.28	286.74	118.25	000	22.26	427.26
Companie of New Parts 200.0 100.0 200.0<		Sub-total	1292.50	168.42	58,97	19.28	2029.76	52.04	263,25	2.85	100.58	418.73	1344.86	921.67	61.82	120.45	2440.49
Authoring of Surf. 2331 2331 3231 <th></th> <th>Zamboanga del Norte</th> <th>243,24</th> <th>148.35</th> <th>0.88</th> <th>00.0</th> <th>390.47</th> <th>3,04</th> <th>193.29</th> <th>80</th> <th>8</th> <th>295.82</th> <th>246.27</th> <th>339.63</th> <th>0.88</th> <th>98.50</th> <th>886.23</th>		Zamboanga del Norte	243,24	148.35	0.88	00.0	390.47	3,04	193.29	80	8	295.82	246.27	339.63	0.88	98.50	886.23
Secretary 178,44 123 123 124,44 145,	ب ×	Zamboanga del Sur	239.71	301:02	3.21	0.00	542.94	11.60	255.65	0.00	25.04	292.30	250.31	556.67	3.21	25.04	835.23
Bull-brown 176,87 14,555 0.00 0.00 6.00 6.00 6.00 6.00 175,87 14,555 175,97 14,555 175,97 14,555 175,97	_	Sub-total	481.94	447.37	4.0#	e0 0	933.41	14,64	448.94	0.00	124.54	588 12	436.58	396.30	4.09	124.54	1521.52
Mismis Gocidental 156.064 173.86 100.00		Bukdnon	176.97	455,52	1.23	2.31	636.02	7	163.62	8	8	170.16	178.50	619.13	ន	7.31	208.17
Misuamic Orientalis 1966 55 34,53 0.28 0.00 200.33 5.69 96.61 0.01 10.50 <td></td> <td>Camiquin</td> <td>20.04</td> <td>3.86</td> <td>8</td> <td>8</td> <td>8</td> <td>8.17</td> <td>28.56</td> <td>8</td> <td>14.85</td> <td>23.53</td> <td>50.21</td> <td>42.52</td> <td>8</td> <td>200</td> <td>20.00</td>		Camiquin	20.04	3.86	8	8	8	8.17	28.56	8	14.85	23.53	50.21	42.52	8	200	20.00
Missing Uniform 200.00 Control Control 55.00	× .	Misamis Occidental	29 65	36.32	818	818	208.33	5.89	86.91	813	8 3	102.81	175.55	135.24	9 5	0 5	511 14
David cells of Sign of		Misamis Chemai	300.00	25.30	200	8 ;	300.24	19:42	100.14	1 4 1	16.01	40.012	362.00	AP 0004	7 26	76.07	1240 65
Davis of elifolity 33.36 17.54.3 3.73.9 0.00 3.04.4 0.00 6.25.7 1.02.60.4 4.02.0 3.04.4 0.00 6.25.7 1.02.60.4 4.02.0 0.00 6.25.7 1.02.60.2 <td></td> <td>Sub-total</td> <td>702.74</td> <td>561,10</td> <td>2.45</td> <td>2.31</td> <td>1268.53</td> <td>36,02</td> <td>463.24</td> <td>0.41</td> <td>34.76</td> <td>541.43</td> <td>101.10</td> <td>10.00.34</td> <td>,</td> <td>73.67</td> <td>10.02</td>		Sub-total	702.74	561,10	2.45	2.31	1268.53	36,02	463.24	0.41	34.76	541.43	101.10	10.00.34	,	73.67	10.02
Distance Oriential 995.64 2.41.22 3.69 0.00 0.		Davao del Norte	233.66	115.43	3.78	8	352.88	4.97	304.48	8	4 0	33.00	436.54	8 0 0	6 	3.8	17780
South Collision 153.44 13.25 11.23 223.50 1.65 41.33 0.00 4.25 17.59 48.59 48.59	-	Cavad del Sur	3 8	25.15	2 .	218	261.00	318		318	18	8	0	200	g	16	102
Salminglian 133,66 55,24 30,69 4,25 200,44 2.20 56,66 10,23 17,59 66,69 155,266 124,59 46,94 60,42 Davagory 74,46 20,61 70,00 0,00 10,00 45,22 10,00 45,22 10,00 45,22 10,00 43,17 10,00 45,22 10,00 43,17 10,00 43,17 10,00 45,22 10,00 43,17 10,00 43,17 10,00 43,17 10,00 43,17 10,00 43,17 10,00 43,17 10,00 43,17 10,00 43,17 10,00 43,17 10,00 43,17 10,00 43,17 44,00 43,17 44,00 44,00 44,00	×	South Coleber	458 4.1	25.47	26.03	3.5	15	3 5	41.33	318	8	43.28	160.36	78.79	18.35	11.28	266.78
David Chy Graft 20.01 78.00 6.00 168.02 162.77 3.60 9.18 154.57 165.20 172.39 181.50 9.18 19.34		Sacabooan	28.00	25.24	9 80	- C	280.44	200	99 65	10.25	157	69 68	35.56	126.90	8	200	370.13
Sub-total 796.65 6.27 1593.15 46.21 632.16 11.85 63.46 716.39 64.26 1196.31 153.28 153.38 Lanno del Norte 775.50 107.86 2.20 6.47 2.40 6.20 2.00 7.00 20.70 146.68 221.18 2.40 4.52 4.52 6.42 2.40 6.00 2.00 2.00 4.31.70 6.84 5.21.18 2.40 9.00		Davao City	87.48	2061	8	18	98	18.82	502.77	3 80	6	134.37	106.30	123.38	81.80	60	320 45
Lumao del Norte 157.50 107.84 2.20 6.42 274.00 892 135.90 0.20 34.80 164.22 243.18 2.43 2.43 2.40 4.52 2.40 10.00	<u>. </u>	Sub-total	796.63	603.13	159,68	130.43	1699.92	46.91	592.18	13.85	63.45	716.39	843,60	1195.31	183.52	193.88	2416.31
Number Colorada (AST) 20,70 146.68 221.18 35.415 7.68 65.26 2.40 176.58 3.00 2.00 20,70 419.78 68.46 56.21.18 44.53 7.70 9.84 9.85 221.18 56.21 7.68 9.45 9.85 9.85 9.85 9.85 9.80		Lanao del None	157.50	107,88	2.20	6.42	274,00	9.92	135.30	0.20	38.80	94.22	167.42	243,18	2,40	45.22	458.22
Sullan Kudarat 446.04 55.14 0.00 7.00 109.7 429.00 0.00 2.00 431.70 58.46 352.41 0.00 9.00 9.00 Sub-local living 446.04 55.14 1.32 26.64 1.32 456.07 1.32 456.07 1.32 456.00 1.32 456.07 1.32 1.32 456.07 1.32 1.32 1.32 1.32 1.32 1.32 1.32 1.32 1.32 1.32 1.32 1.32 1.32 1.32 1	₹	Morth Cotabato	218.78	310,15	7.63	63.89	600.49	2,40	126.58	0.00	20.73	149.68	221.18	436.73	7.68	25.25	750.17
Sub-lote		Sullan Kuderat	68.76	133.41	000	7.00	209,17	0.70	429.00	0.00	200	431.70	69.46	562.41	000	8.00	540.87
Aquasin deli Hyrie 143,11 63,28 1,52 25-66 124,15 63,28 1,52,29 1,52,29 1,21 25-65 25-65 36-60 36-80 1,62,28 165,29 1,19,28 1,19,29 46-17 1,27 25-65 27 25-65 25-65 3,38 305,28 155,29 119,59 46-17 20-75 47 1,27 25-65 25-65 3,38 305,28 155,27 37-9 47 1,47		Sub-total	445.04	551.44	9.85	77.30	1083.66	13.02	690.48	0.20	61.50	765.60	452,06	1242.32	10.08	138.80	1849.26
Aquaen cells.ur 185.0 122.65 0.00 2.08.67 2.66.57 8.46 38.38 3.96.28 188.67 3.86.78 3.66.57 8.46 38.38 3.96.28 188.67 17.94 1.67.79 3.70 3.70 3.70 4.70 3.70 4.77 6.26.57 2.66.57 2.66.57 1.66.57 1.67.79 1.67.77 1.6		Agusan del Norte	13.13	63.26	3	98 98 98	234.55	12,19	56,60	90 o	19.52	06.88	155.29	119.86	1.52	168.17	322.85
Surgap deliborte 55.46 343.25 2.09 4.76 15.279 4.171 6.220 2.96 19.99 103.49 1103.49 1105.65 5.05 23.73 23.73 24.05 24.0	. ;	Agusan del Sur	185.80	122.85	8:	00.0	308.64	2.87	256.57	8.46	38.38	306.28	183.67	379.4	94.6	38.38	514.92
Sulgate destard 53.46 54.25 4.05 18.56 11.54.4 10.00 35.77 11.53.9 28.72 11.64 15.50 11.54.9 10.00 3.77 11.53 11.54.1	Z,	Suppao del Norte	89.81	56.12	2.09	76	152.79	F.	62.83	2.95	26.0	100.48	25.52	116.95	5.05	27.75	253.27
Sub-closi 15:30 12:00 4.40 6.50 71:50 12:00 11:77 14:57 15:20 232.39 4.40 15:30 12:30 17:77 18:20 232.39 4.40 37:30 17:30 18:20 232.39 4.40 37:30 15:30 17:77 29:23 15:20 232.39 4.40 37:30 15:30 17:77 29:23 17:20 233.48 0.00 12:54 0.00		Surgao del Sur	55.46	343.25	4.05	18.66	419.41	0.00	36.12	000	5.71	41.63	25.40	3/9.3/	4,05	57	401.24
Lariaceans of 151-30 172-00 4.40 9.50 7.70-00 173-00 0.00 31.70 175.20 7.84 0.00 717.70 297.44 175.20 243.45 0.00 755.94 175.20 243.45 0.00 755.94 175.20 243.45 0.00 755.94 175.20 243.45 0.00 755.94 175.20 243.45 0.00 755.94 175.20 243.45 0.00 755.94 175.20 243.45 0.00 755.94 175.20 243.45 0.00 755.94 175.20 243.45 0.00 755.94 175.20 243.45 0.00 755.94 175.20 243.45 0.00 755.94 175.20 243.45 0.00 755.94 175.20 243.45 0.00 755.67 755.67 775.67 0.00 755.95 0.00 755.94 175.20 243.45 0.00 755.95 0.00 755.94 175.20 243.45 0.00 755.95 0.00 755.94 175.20 243.45 0.00 755.95 0.00 755.94 175.20 243.45 0.00 755.95 0.00 755.94 175.20 243.45 0.00 755.95 0.00 755.94 175.20 243.45 0.00 755.95 0.00 755.94 175.20 243.45 0.00 755.95 0.00 755.94 175.20 243.45 0.00 755.94 175.20 24		Sub-lotal	****	200.4	۱	43.07	1115.39	2/12/	\$12.72	11.61	09.00	25.02	300.34	25,155	9.5	20,151	27 70
Magumanao 138.42	VENEZ	Lanao del Sur	151.30	70.80	0 00	5 th	275.00	12.00	119.53	0000	31.20	162.73	103.30	242.55	3 6	32.00	457.75
7989.62 6637.00 352.55 382.09 15341.26 582.94 4525.37 45.40 766.61 5920.33 8552.57 11162.38 397.95 1148.69	Archini	Maguindanao	310.65	192.66	0.00	15.67	248.40	08.61	283.15	900	148.97	460.07	338.50	475.81	3.4	161.64	983,35
7989.62 6637.00 352.56 382.09 15341.26 582.84 4525.37 45.40 766.61 5320.33 8552.57 11162.38 397.95 1148.69	1	in the second	22.7							3							1
	Т	tudy Area Total	7969.62	6637.00	352.55	382.09	15341.26	582.94	4525.37	45.40	. 766.61	5920.33	8552.57	11162.38	397.95	1148.59	21251.59

Master Plan Study on Visayas and Mindanao Islands Strategic Road Network Development Project Anenal Road Length Summary by Pavement Type

3		_	\$	rth-South Baci	thone				ast-West Later	<u>_</u>			Other Ros	ds of Strategic	moortance	
		Paved	Unpaved	uvc	Impassable	Total	Paved	Unpaved	αc	impassable	Total	Paved	Unpaved	ΩC	Impassable	Total
L	Marinduque	00.0	00.0	0.00	0.00	80	80	00.0	0.00	00:0	800	93.31	33.41	2.38	00.0	129 to
	Occidental Mindoro	56.5	19.61	990	5.66	30.92	0.00	00.5	8.0	000	00.0	38.28	174.76	8	12.00	226.15
Α.Α.	Oriental Mindoro	123.43	81.51	000	77.8	214.38	3.12	7.75	0.00	800	17.65	21.85	30.54	92.0	000	53,24
:	Palawan	000	000	000	0.00	000	800	000	0.00	80	9.0	205,15	332.55	0.00	000	537.70
	Romblon	00.0	000	00'0	0.00	000	00.0	00.0	0.00	000	0.00	55.42	69.53	0.15	0.00	125.10
	Sub-total	129.33	100.16	0.66	18.10	245.30	3,12	75.47	0.00	80	17.65	414.11	540.81	4,36	12.00	1071.28
>	Catanduanes	88	8.8	8 8	8 8	8 8	8,8	88	8 8	8 8	8 8	8 6	63.32	82.5	8 8	204.74
	Sub-total	0.00	00.0	00'0	0.00	6.90	0.00	0.00	0.00	00.00	9,0	141.06	182.10	3.07	0.00	326.23
	AXIBO	31.26	24.63	000	000	55.89	0.0	800	00.0	00.0	0.00	45.90	275	000	900	48 66
_	Antique	80	6.39	000	8	9 48	1.5	12.74	00'0	8	13.88	110.42	23	900	8.8	25.5
:	Capiz	43.76	5.22	00,0	80	98.84	77.91	14.27	8	000	2 2	88 12	2	000	98	182.59
5	Olicii	63 16	0.65	0.0	0.00	63.82	33.26	62.74	8.0	00.0	6.98	182.59	0.00	8.0	00.0	182.59
	Guirmanas	80	000	000	800	8	000	000	8	8	80	16.93	28.74	000	8	45.67
	Negros Occidental	298.58	1.88	2	8	316.50	38	27.10	0.00	800	3	39.01	55.79	30.88	8	125.78
	logo City	3.55	000	8.0	0.00	3.55	8	80	000	800	80	8	0.00	0.00	0.00	0.00
	Sub-total	440.40	2.2	ă	8.6	496.22	131.18	116.33	3	8	280.04	482.97	224.06	30.91	8	738.02
	80.0	177.58	74.80	88	8 8	189.48	\$ £	729.63	3.5	8 8	2 5 - 3	9	0.29	S	88	71.34
5	Neome Oriental	10.00	8 8	9	3 8	107.65	15	3 5	3 2	88	35.05	26.75	60.73	- 0	3 8	20.00
	Signific	8	8	8	8	980	800	88	8	0.00	000	7.34	0.20	3.69	8 8	75 13
-	Sub-total	391.05	92.69	0.50	8.0	444.23	79.91	72.41	11.28	00:0	183.60	584.46	146.00	2	80	739,10
	Leyte	112.05	2.41	0.83	00:0	115.28	36.38	15.86	0.00	12.88	64.93	234.80	25.24	0.00	000	260.03
	Southern Leyte	51.95	57	9.0 0	00.0	52.19	8	8	8	800	80	66.29	00'0	18.46	80	24.75
_	Cilina	000	000	00.0	8	8	000	8	000	8	800	8	8	00.0	8	800
\$	Eastern Samar	900	8	0.00	800	8	32,50	43.19	0.00	8	75.69	133.40	39.97	8.0	8	173.37
7	Northern Samar	28.97	8	800	80	28.97	5.86	36.62	8	8	42.50	8.78	8	0.00	8	82.08
	Western Carner	203 67	10.15	800	8	203.81	62.41	18.87	800	0.26	87.54	8	80	0.00	8	8
	200-002	200.00	2,30	22.0	800	400.76	137.18	14.34	0.90	19.14	270.66	628.27	66.20	18.46	8	26.503
×	Zamboanga del Sur	00.00	215.73	8.8	8 6	322.33	3,46	42.46	9.0	88	49.02 70.73	206.74	166.19	8 8	3 6	438.83
	Sub-total	105.60	216.73	8	000	322.33	19.76	86.12	1 68	90 0	107 77	267.63	776.66	99.0	2	501.13
	Bukidnon	123.56	59.86	0:00	80	183.42	13,43	59.09	00.0	80	72.52	231	42.74	00.0	000	45.05
	Campuin	8.0	8	00.0	800	800	0.00	00'0	90,0	8	9	5 0.05	3.96	8	8	8
×	Misamis Occidental	8	8	000	00 c	8	8	000	0	800	8	132.89	8	88	8	133.25
	Misamis Onental	242.00	0.00	0.10	00.0	243.06	0.00	00.0	800	800	80	000	000	8	80	8
	ano-total	2000	98.40	0.10	0.00	429.5	2	68.00	8.0	800	72.52	185.24	56.70	0.36	0.00	242.30
	Daviso del Norte	8 9	200	27.76	8 8	100.18	1	0 0	818	8 8	1	00	8	8	8:	8
	Davao Orienta	000	8	00.0	88	200	8	300	8	8 8	8	90.00	24.47	3 8	7:5 6:0	2 36
×	South Cotabato	107.27	6.38	18,35	8	131.97	8	00.0	80	80	8	25.01	80	8	318	25
	Saranggani	8	8	88.00	8	25 25	8	8	8	8	8	133.66	80,42	8	98	200.95
	Sub-total	10. 10 10. 10	0.00	00.87	000	146.19	0.00	000	8 6	88	8	000	0.30	00.0	8	000
	span del Norde	22.20	20.05	0.00		183 45	200	300	8	3 8	100	10.104	77.00	3.00	97.97	23.52
,	North Cotabato	000	000	8	000	200	19.19	0.30	800	88	23.33	30 7	3 8	8.6	2 00	800
:	Sultan Kudarat	26.93	0.00	0.00	0.00	26.93	000	0.00	000	8	000	27.73	120.21	80	8	3.
	Sub-total	151,13	30.33	2.20	6.42	190.08	141.30	0.30	3,846	00'0	145.47	102.33	149.27	2,70	7.50	267.30
	Agusan del Norte	119.21	000	1.52	0.00	120.74	00'0	00.0	00.0	000	000	000	4.19	00.0	00.0	4.79
. IIX	Agusan del Sur	135.03	8	8	8	8	12.15	78.87	8	8	31 05	0.00	80	8	00.00	8.0
ŧ	Sungao del Norte	8 8	9 6	8 8	8 8	8	8 (0.0	8 8	000	0.0	8 5	41.59	E !	0.00	63.50
_	Sub-cotal	108 64	8	200	3 5	0,00)	90.50	50.2	10.30	9	8	7,56.63	3.02	0.00	313,17
	Lange del Sor	35.10	9	77.7	8 6	00.00	27.75	20.50	3 8	\$ 0	9, 76		214.30	***	96.9	320.56
ARMM	Maguindanao	115.85	0.00	8	8 6	115.85	6.73	000	8 8	000	2 6	2,40	2 2 2	000	8 8	116.50
1	Sub-total	56.95	19,80	4.40	00.0	178.15	43.48	30.50	0.00	6.50	30.48	112.33	88.96	0.00	0.00	200.39
Š	Study Area Total	2765.02	585.01	179,45	21.52	3551,01	669.43	641.68	20.03	41.01	1372.15	3137.99	2342.05	77.01	159.36	5716.41
	a company of the second			,		_										

Master Plan Study on Visayas and Mindanao Islands Strategic Road Network Development Project Road Length Summary by Pavement Type by Road Functional Classification

				Actorial Dans				Nat	ional Seconda	2				Total		
Region	Province	Daved	beyeard!	D/C	Impassable	Total	Paved	Unpaved	D/O	impassable	Total	Paved	Unpaved	3/C	Impassable	Total
	Mariaduante	23 23	33.41	2.38	000	129.10	6.39	76.48	0.0	00.0	82.86	69.66	109.89	2.38	0.00	211.96
	Octivisatel Mindow	90.51	10%	7.5	99.2	257.06	1.37	97,00	0.19	12.33	110.88	45.60	290.42	1.94	29.99	367.94
	Occupate Mindre	97 477	20.00	. c	1	285.28	8.37	5.24	00.0	0.00	13.55	156.80	131.83	97.0	37.6	298,82
9.	Onemal Mindoru	206.43	337 66	200	8	537.70	5.75	119.78	8	00.0	125.53	210,90	452.33	0.00	0.00	663.23
	Pomblos	25.42	55 69	0.15	8	125.10	13.35	135.29	8	0.00	148.65	68.77	204.82	0.15	0.00	273.74
	Sub-total	246.60	755.51	5.02	27.10	1334.23	35.17	433.78	0.19	12,33	481.47	581.76	1189.29	5.21	39.43	1815.70
	Catanduanes	39.06	163,32	2.36	0.03	204,74	3.16	£1.0±	00:0	00.0	43.29	42.22	203.44	236	80	248:03
>	Masbate	102,00	18.79	0,71	0000	121.49	19.33	128.45	8.02	20,40	174.21	121.33	145.24	8.73	20.40	235.70
•	Sub-total	141.06	182 10	3.87	0.00	326.23	22.49	166.58	8.02	20.40	217.49	163.55	143.62	11.10	20.40	543.73
	Aklan	77.16	27.38	0.00	0.00	104.54	25.10	13.44	000	000	38.53	102.26	40.82	8	00'0	63.58
	Anione	111.63	2	000	0,00	173.07	28.08	131.27	8	233	161.69	139.72	192.71	8	. 23 3	27
	Caniz	209 79	113.97	8	8	325.71	000	80	000	8	000	209.79	113.97	8	00.0	325.71
	1 5	279 07	93.40	0.00	800	342.41	218.88	245.89	3.82	0.0	473.59	497.90	309.29	8.82	000	316.00
- 5	Guimanae	18 93	28.74	000	800	45.67	30.86	53.09	000	90.0	83.97	47.82	61.82	8	8:	23.65
_	The state of the s	368.46	78 70	27.03	8	428.37	207.60	239.05	2.48	8	149.11	56.05	333.88	39.50	000	937.43
	Negros Concellan	25.000	l s	3 6	8 8	3.55	24.86	0.65	0.0	8.0	25.52	28.41	0.65	0.00	0.00	28.06
	Sub-tetal	\$054.52	389.77	38.99	00'0	1483.27	535.41	683.38	11,29	2.33	1232.41	1589.93	1073.14	50,28	2.33	2775.63
	Bobol	220.80	113.70	4.07	080	338.56	54.98	182.64	16.4	25.18	247.71	275.78	276.34	8.98	25.13	586.27
	3	130 83	7	212	00	612.54	72.17	1	3.50	8	121.56	203 00	224.35	5.67	86	24.15
5	Contract Original	200		, c	8	360 71	2.48	17.64	8	000	20.12	334.92	35.21	10.68	8	380.82
;	Spring.	7	0.00	87.6	8	75.13	000	000	00.0	000	00'0	7.34	0.29	3,49	00.0	75.13
	Sub-dotal	40KR 42	341.10	28.47	90.0	1386.94	129.62	225.09	7.0	28.26	349.38	1185.03	536 19	28.63	26.26	1776.32
	moral dire	Throng or	2			26.05	144.20	276 14	28 13	0.28	448.87	527.53	319.44	28.97	13.18	889.12
	reyte	3		0	8 8	7.00	200	14 60	0	8	103.80	14.36	71.83	27.55	8	240,74
	Southern-Leyte	118.23	0,20	9.40	318	\$ 00°	2 2	9 8	3 4	3	132 81	31.2	88	246	4	132.91
	Distract	8	8 5	0010	3 8	3	212	2 2	2:5	18	57.89	199.35	107 41	8	000	306.76
\$	castem samar	E CO.	2	3	3 3	80.607	3 6	2	8	8	5	25.6	38.62	900	8	162.26
	Northern Samar	125.64	8	0.00	9	102.00	3 6	3 4	3 8	318		8	24.82	8	92.9	297.98
	Western Samar	/0.90%	70'AL	0.00	0.00	4478 86	20.00	476.07	18 67	7.0	749.90	1292,50	658 42	58.97	19.88	2029.76
	Sub-total	200	3			70	2, 33	2	٤	5	3,0	243.24	209.85	0.38	84.00	517.97
×	Zamboanga del None	180 82	20,02	0.00	3 5	451.43	57.89	35.36	25	8	91.45	238.71	301.02	3.21	0:00	542.94
·	Sub-total	361.04	471.51	2.89	\$4.00	938.43	18.54	32.36	1.21	9.00	122.47	481.84	510.87	4.09	64.00	1066,91
1	2000	130.30	9,	000	5	00 60%	37.67	283 82	iz.	2.31	335.03	176 97	455.52	1.23	2.31	535.02
	Cambinia	8 8	2 2	3	3 8	8	80	0,00	8	00.0	800	50.04	13.96	8	8	64.00
×	Micamic Occidental	132 89	8	0.36	000	133,25	36.76	38.32	8	000	75,08	169.65	36.32	0.35	8	208.33
:	Misamis Oriental	242.99	000	0.10	8	243.08	83.89	23.30	7.0	000	117,16	306.09	53.30	0.86	0.00	360.24
	Sub-total	565.22	175.65	0.45	00'0	741.33	137.51	345.45	2.00	2.31	527.27	702.74	561.10	2.45	2.31	1268,59
	Davao del Norte	153.59	0.00	00.0	00.0	153.59	\$0.07	115.43	3.78	00'0	199.28	233.66	115.43	3.78	0.0	352,88
	Davao del Sur	81.54	72.16	27.16	61.50	242.38	2,36	52.88	0.00	8.4	70.18	83.90	125.15	27.16	76.31	312.52
	Davao Onental	90.81	174 15	3.68	9.0	268.65	9,76	67.09	8	000	75.85	39.58	241 23	9,0	0.00	8
×	South Cotabato	132.28	98.9	18.35	0.00	156.98	28.14	28.11	000	1.28	25	158.47	35.47	18.35	87.6	200
	Saranggani	133.66	60.42	38.69	4.96	247.64	80	29.	8	27.98	32.80	33.86	7.00	2 5	6.5	185 08
	Davao City	70.19	80	78.00	0.00	148.19		1000	3.	300	189 64	706.64	E0 103	159.62	130.43	1699.92
	Sub-total	662.07	21.00	185.89	97.9	4,07.20	4	AND UN	9		78.85	156.40	36.28	2.20	6.42	261.90
	Lanao dei Norte	146.30	8 8	77	7.00	193,43	2 6	2, 25	3 5	200	370.75	218.78	310.15	7.68	63.38	600.49
₹	North Cotabato	183.30	8 6	9 6	3.5	181.87	2 7	13 25	00.0	000	27.30	68.76	133.41	8	2.00	209.17
	Sub-total	39.4.76	179 %	8.78	13.42	596.86	49.18	360.54	1.10	63.68	474.70	443.94	540.44	9.83	77.30	1071.56
Î	Agusan dei Norte	119.21	4.19	1,52	00.00	124.92	23.90	59,07	0.00	26.66	109.62	143.11	63.26	1.52	26.66	234.55
	Agusan del Sur	148.13	78.87	00.0	00.0	227.05	37.62	43.97	0.0	0.00	95.59	185.80	122.85	8	8	308.64
ž	Surgao del Norle	74.20	41.89	1.7	8	117,80	15.61	14.23	0.38	4.76	8	189.81	28.12	5.09	9,70	152.79
	Surigao del Sur	52.33	337.46	4.05	15.38	409.21	3 13	5.79	0.00	.28	30.50	25.40	363.63	3 5	48 07	04.31.1
	Sub-total	393,92	462.41	7.29	15,3\$	878.99	80.25	123.07	0.38	32.70	236.40	4/4.10	200.00		0.00	200
	Lanao del Sur	158.10	78.55	4,40	6.50	247.55	8	34.25	0.00	0.00	3, 5	158.30	70 86	3 6	9.50	248.28
ARMM	Maguindanao	148.66	59.81	000	000	208.47	80,01	50.05	000	7 - 0	36.72	247.55	19.00	077	15.67	530.28
	Sub-total	304.76	138.36	4.40	6.50	20.95	10.75	20.5	200			201		2 33	3,	10000
Ñ	Study Area Total	6572.44	3568.74	276.49	221.90	10639.57	1457.37	3230.68	76.05	224.19	4988.27	8029.81	6799.40	352.55	44 0.99	15527.84
			7													

Master Plan Study on Visayas and Mindanao Islands Strategic Road Network Development Project National Road Length Summary by Pavement Condition

Region	Province	(Payed Road		1	Unpaved Road				Total		
egion	LIGANICE	Good / Fair	Bad / V. Bad	Total	Good / Fair	Bad / V. Bad	Total	Good/Fair	Bad I V. Bad	U/Ç	Impassable	Total
	Marinduque	68.71	30.89	99.69	0.00	109.89	109.89	68.71	149.88	2,38	0,00	211.96
	Occidental Mindoro	26.10	3.82	29.92	185.82	48.33	235.15	212.92	52.16	1,94	29.99	297.00
IV-B	Oriental Mindoro	90.01	64.14	154.16	5.71	122.86	128.57	95.72	187.01	0.76	9.44	292.92
	Palawan	122.63	88.27	210.90	231.05	221.27	452.33	353.68	309.55	0.00	0.00	663.23
L	Rombion	19.29	49.48	68.77	67.05	137.77	204.82	86.34	187.25	0.15	0.00	273.74
	Sub-total	326.74	236.71	583.45	490.63	£40.13	- 1130,77	817.37	876.84	5.21	39,43	1738.86
	Catanduanes	37.78	4.45	42.22	142.37	61.08	203.44	180.14	65.52	2.36	0.00	248.03
٧	Masbale	117.20	4.13	121.33	68.45	76.79	145.24	185.65	80.92	8.73	20.40	295.70
	Sub-total	154.97	8.58	163.55	210.81	137.87	348.66	365.79	148.44	11,10	20.40	543.73
	Aklan	79.49	22.77	102.26	0.00	40.82	40.82	79,49	63.58	0.03	0.00	143.08
	Antique	113.50	26 22	139.72	24.02	168.59	192.71	137.52	194.90	0.00	2.33	334.76
1	Capiz	168.17	41.61	209.79	34.52	79.45	113.97	202,69	121,08	1.96	0.00	325.71
Vi	tloilo	374.46	123.44	497.90	53.27	256.02	309.29	427.73	379.45	8.82	0.00	816.00
	Guimaras	18,33	29.48	47.82	76.37	5.46	81.82	94.70	34.94	0.00	0.00	129.64
i	Negros Occidental	495.64	68.41	564.05	91.62	242.25	333.88	587.27	310.66	39.50	0.00	937.43
- 1	Iloilo City	28.08	0.33	28.41	0.28	0.37	0.65	28.36	0.70	0.00	0.00	29.06
	Sub-total	1277.68	312.25	1589.93	280,09	793.05	1073.14	1557.78	1105.30	50.28	2,33	2715.69
	8chel	160.07	115.71	275.78	194.76	81,58	276.34	354.83	197.29	8.98	25.18	586.27
VII	Cebu	387.77	79.26	467.02	44.99	127.98	172.98	432.76	207.24	5.67	1.08	646.75
V.,	Negros Oriental	317.84	.17.08	334,92	0.64	34.57	35.21	318.48	51.65	10.69	0.00	380.82
	Siquijor Sub-total	68.09	3.25	71.34	0.29	0.00	0.29	68.39	3.25	3.49	0.00	75,13
		933.77	215.29	1149.06	240.69	244.13	484.82	1174.46	459.42	28.83	26,26	1688.97
	Leyle	505.93	21.60	527.53	244.27	75,17	319.44	750.20	96.78	28.97	13.18	889,12
	Southern Leyte Bitiran	137.82	3.54	141.36	10.80	61.03	71.83	148.63	64.57	27.55	0.00	240.74
VIII	Eastern Samer	31.13 198.17	0.59	31.72	58.23	49.07	98.30	89,36	40.65	2.46	0.44	132.91
````	Northern Samar	111.59	1.18 14.04	199.35 125.64	21.46	85.95	107.41	219.62	87,13	0.00	0.00	306.76
	Western Samar	215,94	50.97	286.91	0.00	36.52	36.82 24.82	111.59	50.66	0.00	0.00	162.26
ŀ	Sub-total	1200.58	91,92	1292.50	9,13 343,90	15.68 314.52	658,42	225.07 1544,48	66.65 406.44	0.00	6.26	297.98
-+	Zamboanga del Norte	237.65	5.59	243.24	79.33	87.02	146,35			58.97	19.88	2029.76
ix .	Zamboanga del Sur	181.60	57.11	238.71	107.05	193.97	301.02	316,98 288,65	72.60 251.08	88,0	0.00	390.47
	Sub-total	419.25	62.70	481,94	186.38	260,98	447.37	605.63	323.68	4.09	0.00	542.94 933,41
	Bukidnon	161.23	15.73	176.97	241.70	213.82	455,52	402.93	229.55	1,23		636.02
- 1	Camiguin	27.18	22.87	50.04	0.45	13.51	13.96	27,62	36.38	0.00	2.31 0.00	64.00
х	Misamis Occidental	168.37	1.28	169.65	3.43	34.89	38.32	171.80	36.17	0.36	0.00	208.33
	Misamis Oriental	. 292.29	13.79	306.08	5.07	48.23	53.30	297.36	62.01	0.86	0.00	360.24
ı	Sub-total	649.06	53.57	702.74	250.65	310.45	561.10	899.71	364,12	2.45	2.31	1268,59
	Davao del Norte	182.69	50.97	233.66	62.64	52.79	115.43	245.34	103.76	3.78	0.00	352.88
- 1	Davao del Sur	58.4B	25.42	83,90	77.18	47.97	125.15	135.66	73.39	27.16	76.31	312.52
į	Davao Oriental	79.70	19,88	99,58	27.06	214.17	241.23	106.76	234.05	3.69	0.00	344.50
XI ]	South Cotabato	158.41	0.00	158,41	30.03	5,43	35,47	188.45	5.43	18.35	11.28	223.50
	Saranggani	133.66	0.00	133.66	36.64	28.60	65,24	170.30	28,50	38.69	42.85	280.44
l	Davao City	83.74	3.73	87.48	10.88	9,73	20.61	94.62	13.46	78.00	0.00	186.08
	Sub-total	696.69	1,00,00	796.69	244.44	358,69	603.13	941,13	458.69	169.68	130.43	1699.92
	Lanao del Norte	151.80	5.70	157.50	25.60	82.28	107,88	177.40	87.98	2.20	6.42	274.00
xn (	North Cotabato	192.34	26,44	218.78	212.78	97.37	310.15	405.12	123.81	7.88	63.88	600.49
	Sullan Kudarat	62.11	6.65	68.76	102.41	31.00	133.41	164.52	37.65	0.00	7.00	209.17
1	Sub-total	406.25	38.78	445.04	340.79	210,65	551.44	747.04	249,44	9.88	77.30	1083.66
j	Agusan del Norte	134.06	9.04	143.11	11.28	51,98	63.26	145.34	61.02	1,52	26.66	234.55
XiII	Agusan del Sur	89.78	96,01	185.80	59.45	63.40	122.85	149.23	159.41	0.00	0.00	308.64
AHI	Sungao del Norte	88.46	1.35	89.81	8,19	47.93	56.12	96,65	49.28	2,09	4.76	152.79
ļ	Sungao del Sur	51.89	3.57	55.46	48.08	295.17	343.25	99,97	298.73	4.05	16.56	419.41
	Sub-lotal	364.20	109.97	474.18	127.00	458.47	585.47	491.20	568,45	7.67	48.07	1115,39
ARMM	Lanao del Sur	151,30	0.00	151.30	4,00	195.80	112.80	155.30	108.80	4.40	6.50	275.00
ALMW.	Maguinganao	122.05	37.20	159.25	17.71	62.15	. 79.86	139.76	99.35	0.00	9.17	248.28
	Sub-total	273.35	37.20	310.55	21.71	170,95	192.68	295.06	208.15	4.40	15.67	523.28
	tudy Area Total	6702.56	1267.07	7969.62	2737.09	3899,91	6637.00	9439.65	5168.98	352.55		15341.26

#### Master Plan Study on Visayas and Mindanao Islands Strategic Road Network Development Project Surveyed Provincial Road Length Summary by Pavement Condition

Region	Province		Payed Road			Unpayed Road		L		Total		
region	Province	Good / Fair	Bad / V. Bad	Total	Good / Fair	Bad / V. Bad	Total	Good / Fair	Bad / V. Bad	· U/C	Impassable	Total
	Marinduque	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0,00
	Occidental Mindoro	19.54	1.98	21.52	97.52	12.84	110.35	117.06	14.82	0.00	0.00	131 88
	Oriental Mindoro	27.19	7.13	34.31	9.72	70.33	80,05	36.91	77.46	1.84	0.00	116.21
IV-B	Palawan	0.00	0.00	0.00	39.17	63.85	103.02	39.17	63.85	0.00	38.34	141.35
	Romblan	2.57	1.23	3.79	6.93	41.32	48.25	9.50	42.54	0.00	0.00	52.04
}	Sub-total	49.29	10.34	59,63	153.34	188.33	341.67	202.64	198,67	1.84	38,34	441,48
	Catanduanes	7.60	0.60	8.20	22.30	98.30	120.60	29.90	98.90	1.20	0,00	130.00
v l	Masbala	2 74	1.56	4,30	25.11	51.65	78.76	27.85	53.21	0.00	25.28	106.33
* }	Sub-total	10.34	2.16	12.50	47,41	149,95	197.36	57.75	152.11	1.20	25.28	235.33
+	Akian	17.45	1.31	18.75	0.23	93.16	93.39	17.68	94.47	0.00	0.00	112.15
1	Antique	1.17	0.42	1.59	0.61	14.65	15.25	1.77	15.07	0.00	0.00	16.84
1				14.74	14.09	46.60	60.70	22.91	52.53	3.36	0.00	78.80
	Capiz	8.82	5.93						96.29		7.46	134.17
VI.	Rolle	26.68	18.57	45.25	0.00	77.72	77.72	28.68	29.25	3.73 0.00	0.00	
	Guimaras	7.51	0.00	7.51	14.88	29.25 67.01	44.13	22.39 63.30				51,64 136,85
	Negros Occidentat	44.75	6.14	50.89	18.55		85.57		73.15	0.00	0.40	
- }	Iloilo City	0.00	0.00	.0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Sub-total	106.37	32.36	138.73	48.37	328.39	376.76	154.74	360.75	7.09	7.86	530.44
	Behol	10.77	0.00	10.77	58.48	82.93	141,42	69.26	82.93	3,97	0.00	156.16
	Cebu	46.18	53 57	99.75	36.66	94.08	130.73	82.83	147.65	1.40	75.73	307.51
VII	Negros Oriental	29.50	2.18	31.68	18.22	134.28	152.51	47.72	136.47	1,19	0.00	185.38
- 1	Siguijor	7.57	2.96	10.52	0.58	24,59	25.17	8,15	27.55	0,00	0.00	35.70
	Sub-total	94.02	58.71	152.73	113.94	335.89	449.83	207.95	394.60	6.56	75.73	684.84
	Leyle	21.95	2.46	24.40	34.27	41.78	76.06	56.22	44.24	. 0.00	27.69	128.15
	Southern Leyte	2.90	0.00	2.90	2.55	19.79	22.34	5.45	19.79	0.00	0.00	25.24
	Biliran	0.00	0.00	0.00	0,00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VIII	Eastern Şamar	1.72	0.00	1.72	0.20	9.23	9.43	1.91	9.23	0.00	0.00	11.15
	Northern Samar	1.09	2.11	3.20	0.00	61.98	61.98	1.09	64.10	2.85	56.88	124.92
	. Western Samar	18.61	1.23	19.84	11.44	82.00	93,44	30.05	83.22	0.00	16.01	129.28
	Sub-total	46.26	5.79	52.06	48.46	214.78	263,25	94.73	220.58	2.85	100.58	418,73
	Zamboanga del Norte	2.24	0.80	3.04	38.53	154.76	193,29	40.76	155.56	0.00	99,50	295.82
IX	Zamboanga del Sur	7,44	4.17	11,60	53.91	201,74	255.65	61,35	205.90	0.00	25.04	292.30
ı	Sub-total	9.67	4,97	14.64	92.44	356,50	448.94	102,11	361.46	0.00	124.54	588.12
	Bukidnen	1.54	0.00	1.54	41.21	122.41	163.62	42.75	122.41	0.00	5.00	170.16
1	Camiquin	6.73	1,44	8,17	0.94	27.62	28.56	7.67	29.06	0.00	14,85	51.58
х	Misamis Occidental	4.05	1.85	5.89	1.79	95.12	96.91	5,84	96.97	0.00	0,00	102.81
1	Misamis Oriental	16.25	3.18	19.42	5.95	174.20	180.14	22.19	177.38	0.41	16.91	216.89
	Sub-total	28,56	6.46	35.02	49.89	419.35	469.24	78.45	425.81	0.41	36.76	541.43
<u></u>	Davao del Norte	4.97	0.00	4.97	145.29	159,18	304,48	150,27		0.00		
							34.95		159.18		30.44	339.89
	Davao del Sur	18.96	0.00	18.95	14.25	20.71		33.21	20.71	0.00	6.25	60.17
ΧI	Davao Oriental	0.00	0.00	0.00	10.00	39.00	49.00	10,00	39.00	0.00	0.00	49.00
^'	South Cotabato	1.95	0.00	1.95	15.19	26.14	41.33	17,14	25.14	0.00	0.00	43.28
2.4	Saranggani	2.20	0.00	2.20	3.23	56.43	59.66	5.43	56.43	10.25	17,58	89.69
1	Davao City	13.94	4.89	18.82	25.27	77.50	102.77	39.21	82.39	3.60	9.18	134.37
	Sub-total	42.02	4.89	46.91	213.23	378,95	592.18	255.25	383.84	13.85	63.45	716.39
	Lanao del Norte	7.77	2.15	9.92	16.55	118.75	135.30	24.32	120.90	0.20	38.80	184.22
ХII	North Colabato	2.40	0.00	2.40	23.38	103.20	126.58	25.78	103.20	0.00	20,70	149.68
ļ	Sultan Kudarat	0.50	0.20	0.70	302.53	128,48	429.00	303.03	126.68	0.00	2,00	431.70
· ·	Sub-total	10.67	2.35	13.02	342,48	348,43	690.68	353.13	350.78	0.20	61.50	765.60
i	Àgusan del Norte	12.19	0.00	12.19	21.61	34.99	56.60	33,80	34,99	0.00	19.52	88.30
	Agusan del Sur	2.36	0.51	2.87	141.53	115.04	256.57	143.89	. 115.55	8.46	38.38	306.28
XIII	Surigao del Norte	.14.71	0.00	14.71	20.61	42.22	62.83	35.32	42.22	2.95	19.99	100,48
. [	Surigao del Sur	0.00	0.00	0.00	2.05	34.07	38,12	2.05	34.07	0.00	5.71	41.83
[	Sub-total	29.25	0.51	29.76	185.80	226,32	412.12	215.05	226.83	11.41	83.60	536.89
	: Lanao del Sur	12,00	0.00	12.00	0.00	119.53	119,53	12.00	119.53	0.00	31.20	162.73
ARMM	Maguindanao	.13.76	2.19	15.95	113.47	50.15	163.62	127.23	52.34	0.00	117.77	297.34
٠.,	Sub-total	25.76	2.19	27,95	113.47	169.68	283,15	139.23	171.87	0.00	148.97	460.07
			* <del>************************************</del>		<del> </del>			<del></del>				

#### Master Plan Study on Visayas and Mindanao Islands Strategic Road Network Development Project North-South Backbone Length Summary by Pavement Condition

Region	Province		Paved Road			Unpaved Road				Total		
4661011	Province	Good / Fair	Bad / V. Bad	Total	Good / Falr	Bad / V. Bad	Total	Good / Fair	Bad / V. Bad	U/C	impassable	Total
	Marinduque	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
- 1	Occidental Mindoro	3.96	1.98	5.95	12.41	8.23	18.64	16.38	8.21	0.66	5.66	30.92
IV-B	Oriental Mindoro	62.96	60.45	123.43	0.42	81.09	81.51	63.39	141.55	0.60	.9.44	214.38
14-B	Palawan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
į	Rombion	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00
- 1	Sub-total	\$6.93	62.45	129.38	12.84	87.32	100.16	79.77	149.77	0.66	15.10	245.30
	Catanguanes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
v	Masbate	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ľ	Sub-total	0.00	0.00	0.00	0.00	0.00	0.00	0.90	0.00	0.00	0.00	0.00
	Aklan	27,99	3.27	31.26	0.00	24,63	24.63	27.99	27,90	0.00	0.00	55.89
	Antique	0.09	0.00	0.09	0.00	6.39	6.39	0.09	6.39	0.00	0.00	6,48
	Capiz	18.66	25.10	43.76	0.00	5.22	5.22	18.66	30.32	0.00	0.00	48.98
VI.	lloilo	36.25	26.92	63.16	0.65	0.00	0.65	36.90	26.92	0.00	0.00	63.82
V!	Guimaras	0.00	0.00	0.00	0.00	0,00	0.00	0.00	0.00	0.00	0.00	0.00
1	Negros Occidental	289.77	8.81	298.58	0.00	11.88	11.88	289.77	20.69	6.04	0.00	316.50
	lioilo City	3.55	0.00	3.55	0.00	0.00	0.00	3,55	0.00	0.00	0.00	3.55
1	Sub-total	376.31	64.09	440.40	0.65	48.13	48.78	376.96	112.22	6.04	0.00	495.22
	Bohol	60.49	54.18	114.68	70.87	3.93	74.80	131,37	58.11	0.00	0.00	169.48
. 1	Cebu	158.01	14.31	172 32	9.95	7.93	17.89	167.97	22.24	0.00	0.00	190.21
VII	Negros Oriental	95.68	8.37	104.05	0.00	0.00	0.00	95,68	8.37	0.50	0.00	104.54
	Siquijor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
r	Sub-total	314.19	76.86	391.05	80.83	11.86	92,69	395,02	84.72	0.50	0.00	484.23
	Leyte	104.44	7.61	112.05	0.00	2.41	2.41	104.44	10.02	0.83	0.00	115.29
- 1	Southern Leyte	49.10	2.85	51.95	0.00	0.25	0.25	49.10	3.09	0.00	0.00	52.19
- 1	Biliran	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VIII	Eastern Samar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Northern Samar	14.93	14.04	28.97	0.00	0.00	0.00	14.93	14.04	0.00	0.00	28.97
1	Western Samar	152.70	50.97	203.67	0.00	0.15	0.15	152.70	.51.11	0.00	0.00	203.81
· •	Sub-total	321.16	75.47	396.63	0.00	2.80	2.80	321.16	78.27	0.83	0.00	400.26
	Zamboanga del Norte	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ΙX	Zamboanga del Sur	78.56	27.04	105.60	68.00	147.74	215,73	146.55	174.78	1.G0	0.00	322.33
	Sub-total	78.56	27.04	105.60	65.00	147.74	215,73	146.55	174.78	1.00	0.00	322.33
	Bukidnon	119.77	3.79	123,56	50.64	9.23	59.86	170.41	13.02	0.00	0.00	183.42
	Camiguin	0.00	0.00	8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
x	Misamis Occidental	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
- 1	Misamis Oriental	242.99	0.00	242.99	0.00	0.00	0.00	242.99	0.00	0.10	0.00	243.08
ł	Sub-total	362.76	3.79	366.55	50.64	9.23	59.86	413.39	13.02	0.10	0.00	426,51
	Davao del Norte	55.19	50.97	106 16	0.00	0.00	0.00	55.19	50.97	0.00	0.00	106.16
- 1	Davao del Sur	35.77	4,41	40.18	8.51	6.00	8.51	44.23				
	Davao Oriental	0.00	0.00	0.00	0.00				4.41	27.16	0.00	75.B5
XI I	South Cotabato	107.27	0.00	107.27	6.36	0.00	0.00 6.36	0.00	0.00	9.00	0.00	0.00
~	Saranggani	0.00	0.00	0.00	0.00	0.00	0.00	113.62	0.00	18,35	0.00	131.97
	Davao City	70.19	0.00	70.19	0.00	0.00	0.00	70.19	0.00	38.69	0.00	38,69
ł	Sub-total	268.41	55,38	323.79	14,86	0.00	14.86	283,28	55,38	78.00 162.20	0.00	148.19 500.86
	Lanao del Norte	121.00	3.20	124.20				293,20	33.30			
	North Colabato	0.00	0.00	0.00	12.60 0.00	17.73	30.33 0.00	1		2.20	6.42	8.62
XII	Sultan Kudarat	23.88	3.05	26.93	0.00	0.00	0.00	1	1	0.00	0.00	0.00
- 1	Sub-total	144.88	6.25	151.13	12.60	17.73	30,33	0.00	0.00	2.20	0.00	0.00
	Agusan del Norte	116.78	2.43	119 21	0.00	0.00	0.00				6.42	8.62
	Agusan del Sur	40.33	95.71	136.03	0.00	0.00		116.78	2.43	1.52	0.00	120.74
XIII	Surigao del Norto	52.95	1.35	54.30	0.00	0.00	0.00	40.33 52.95	95.71	0.00	0.00	136.03
	Surigao del Sur	0.00	0.00	0.00	0.00	9.00			1.35	0.00	0.00	54.30
1	Sub-total	210.97	99.48	309.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Lanao del Sur	35.10	0.00	35,10			0,00	210.07	99.48	1.52	0.00	311.07
ARMM	Maguindanao	82.11	33.74		0.00	19,80	19.80			4.40	0.00	4.40
	Sub-total	117.21	33.74	115.85 150.85	9,00	0.60	0.00	<del> </del>	1	0.00	0.00	0.00
				• • • • • • • • • • • • • • • • • • • •		18.80	19,80	0.00	0,00	4.40	0,00	4.40
	tudy Area Total	2260.48	604,54	2765.02	240.41	344.60	585,01	2226.20	771.63	179.45	21.52	3198.80

#### Master Plan Study on Visayas and Mindanao Islands Strategic Road Network Development Project East-West Lateral Length Summary by Pavement Condition

	Danishan		Payed Road			Unpayed Road				Total	·	
tegion	Province	Good / Fair	Bad / V. Bad	Total	Good / Fair	Bad / V. Bad	Total	Good/Fair	Bad / V. Bad	UIC	Impassable	Total
	Marinduque	0.00	0.00	0.00	0.00	6.00	0.00	0.00	0.00	0.00	0.00	0 00
- 1	Occidental Mindoro	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
į	Oriental Mindoro	2.93	0.19	3.12	0.00	14.54	14.54	2.93	14.73	0.00	0.00	17.65
f∧-B	Palawan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Rombion	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
-	Sub-total	2.93	0.19	3.12	0.60	14,54	14.54	2.93	14.73	0.00	0.00	17.65
	Calanduanes	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
v		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
٧ }	Masbate	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Sub-total				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	Aklan	0.00	0.00	0.00	0.00	12.74	12.74	1.12	12.74	0.00	0.00	13.86
	Antique	1.12	0.00	1.12		14.27	14.27	68.58	23.60	1.96	0.00	94.14
	Capiz	68.58	9.33	77.91	0.00	60.60	62.74	24.77	71.23	0.00	0.00	96.01
Vi I	Iloilo	22.63	10,64	33.26	2.15 0.00	0.00	0.00	0.00	0.00	0.00	0.00	0,00
- 1	Gulmaras	0.00	0.00	0.00		18,46	27.16	23.07	22.97	0.00	0.00	46.04
ŀ	Negros Occidental	14,36	4.50	18.86	8.71			0.00	0.00	9.00	0.00	0.00
ļ	Iloilo City	0.00	0.00	0.00	0,00	9.00 106.07	0,00 116,93	117.53	130.54	1.96	0.00	250.04
	Sub-total	106.68	24.47	131.15	10.86		28.61	51,85	23.33	2.57	0.00	77.75
1	8ohol -	24.08	22.49	46.56	27.77	0,84			33.60	0.00	0.00	56.50
أ	Cebu	21.30	1.40	22.70	1,60	32.20	33.80	22.90 10.84	9,80	8.71	0.00	29,35
VII	Negros Oriental	10.64	0.00	10,64	0.20	9.80	10.00		0.00	0.00	0.00	0,00
	Siguijor	0.00	0.00	0.00	0.00	0.00	0.00	0.00			0.00	163.60
	Sub-total	56.02	23.89	79,91	29.57	42.84	72.41	85,59	66.73	11.28		
	Leyte	34.37	2.01	36,38	14.63	1,03	15.66	49.00	3.04	0.00	12.68	64.93
Į	Southern Leyle	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Biliren	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0,00	0.00
VIII	Eastern Samar	32.50	0.00	32.50	4.96	38.23	43.19	37.46	38.23	0.00	0.00	75.69
	Northern Samar	5.88	0.00	5.88	0.00	36.62	36.62	5.88	36.62	0.00	0.00	42.50
	. Western Samar	62,41	0.00	62.41	6.78	12.10	18.87	69.18	12.10	0.00	6.26	87.54
	Sub-total	135,16	2.01	137.18	26.37	87.98	114,34	161.53	89.99	0.00	19.14	270.66
7.7	Zamboanga del Norte	3.48	0.00	3.48	41.41	2.25	43.66	44.88	2.25	0.88	0.00	48.02
IX.	Zamboanga del Sur	6.23	10.05	16.28	12.01	30.45	42.46	18.24	40.50	1.01	0,00	59.75
-	Sub-total	9,71	10.05	19.76	53.41	32.71	86.12	63.12	42,76	1.89	0.00	107.77
	Bukidnon	13.43	0.00	13.43	37.82	21.27	59.09	51.25	21.27	0.00	0.00	72.52
	Carniguin	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0,00	0.00	0.00	00,0
Х	Misamis Occidental	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0,00	0.00	0.00
100	Misamis Oriental	- 0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Sub-total	13.43	0.00	13.43	37.52	21.27	59.09	51.25	21.27	0.00	0.00	72,52
-	Davao del Norte	47,44	0.00	47.44	0.00	0.00	0.00	47,44	0.00	0.00	0.00	47.44
	Davao del Sur	8.46	21.01	- 29,47	0.00	0.00	0.00	8.46	21.01	0.00	0.00	29.47
	Davao Criental	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
XI.	South Colabato	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Saranggani	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Davao City	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0,00	0.00	0.00
	Sub-total	55.89	21.01	76,91	0.00	9.00	0.00	55.89	21.01	0,00	0.00	76.91
	Lanao del Norte	22.10	0.00	22.10	0.00	0,00	0.00	1	f .	0.00	0.00	0.00
v	North Colabato	95.95	23,24	119.20	0.30	0.00	0.30		1	3.88	0.00	3.88
XII	Sultan Kudarat	0.00	0.00	0.00	0,00	0.00	0.00	1		0.00	0.00	0,00
	Sub-total	118.05	23.24	141.30	0,30	0.00	0.30	0.00	0.00	3.88	0.00	3.88
	Agusan del Norte	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Agusan del Sur	12.15	0.00	12.15	39.41	39,46	78.87	51.56	39.48	0.00	0.00	91.02
XIR	Surigao del Norte	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.00	0,00
	Surigao del Sur	11.07	9.00	11.07	7,38	61.19	68.57	18.45	61.19	1.03	15.38	96,04
:	Sub-total	23.22	0.00	23.22	46,79	100.66	147.45	70.01	100.66	1.03	15,38	187,06
	Lanao del Sur	34.75	0.00	34.75	3.00	27.50	30.50	14.41	100.00	0.00	6,50	6.50
ARMM	Lanao del Sur Maguindanao	7.98	0.00	8.73	0.00	0.00	0.00		1	0.00	0.00	0.00
* ri serieti	Sub-total	42.73	0.75	43,48	3,00	27.50	30.50	0.00	6.00	0.00	6.50	6.50
	• • • • • • • • • • • • • • • • • • • •			+	+	+					<del> </del>	
	Study Area Total	563.81	105.61	669.43	208,12	433.56	641.68	607.85	487.68	20.03	41.01	1156,5

#### Master Plan Study on Visayas and Mindanao Islands Strategic Road Network Development Project Summary of Lengths of Other Roads of Strategic Importance by Pavement Condition

Region	Province		Paved Road		1	Unpaved Road				Total		
		Good / Fair	Bad / V. Bad	Total	Good / Fair	Bed / V. Bad	Total	Good / Fair	Bad / V. Bad	UIC	Impassable	Total
	Marinduque	64.89	28.41	93,31	0.00	33.41	33.41	64,89	61.83	2.38	0.00	129.10
	Occidental Mindoro	34.46	3.82	38.28	157.36	17.42	174.78	191.82	21.24	1,09	12.00	226.15
IV-B	Oriental Mindoro	19.78	2.17	21.95	0.14	30.40	30.54	19.92	32.57	0.76	0.00	53.24
İ	Palawan	116 88	88,27	205.15	143,42	189.13	332.55	250.30	277.40	0.00	0.00	537.70
ŀ	Rombion Sub-total	12.79	42.63	55.42	41.94	27.59	69.53	54.73	70.22	9.15	0.00	125.10
		248.80	165.31	414.11	342.87	297.94	\$40.81	591.67	463.25	4.36	12.00	1071.2
v J	Catanduanes	34.61	4.45	39.06	117,41	45.90	163.32	152.03	50.35	2.36	0.00	204.74
` }	Masbate Sub-total	99.54 134.16	2,45	102,60	- 2.83	15.95	18.79	102.38	18.41	0.71	0.00	121.49
	Aklan		6.90	141.06	120,25	61.86	182.10	254.41	68.76	3.07	0.00	326.23
i	Antique	26.40 94.00	19.50	45.90	0.00	2.75	2.75	26.40	22.25	0.00	0.00	48.66
	Capiz	80.94	16.42 7.18	110,42	1.07	41.24	42.31	95.07	57.66	0.00	0.00	152 73
	lloilo	146.71	35.87	88.12 182.59	34.52 0.00	59.95	94.47	115.46	67.13	0.00	0.00	182.59
VI	Guimaras	4.43	12.50	16,93	28.74	0.00	0.00	146.71	35.87	0.80	0.00	182.59
l	Negros Occidental	21.14	17.87	39,01	0.54	0.00 55.24	28.74	33.17	12.50	0.00	0.00	45.67
j	licilo City	0.00	0.60	0.00	0.00	0.00	55.79 9.00	21.68 0.00	73.11	30.99	9.00	125.78
1	Sub-total	373.62	109.35	482.97	64.87	159,18	224.06	438.50	0.00 268,53	0,00	0.00	0.00
	Bonol	41.93	17.62	59.56	9.82	0.47	10.29	51.75		30.99	0.00	738.02
	Cebu	180.25	55.55	235.81	30.43	97.43	127.85	210.68	18,09 152,98	1.50 2.17	0.00	71.34
VII	Megros Oriental	209.04	8.71	217.75	0.45	7.13	7.57	209.48	15.84	1.49	0.00	365.83
Į.	Siquijor	68.09	3.25	71.34	0.29	0.00	0.29	68.39	3.25	3.49	0.00	226.81
	Sub-tota1	499.32	85.14	584.46	40.98	105.02	146,00	540,30	190.16	8,64	0.00	75.13 739.10
ĺ	Leyle	226.06	8.74	234.80	20.92	4.32	25.24	246.97	13.06	0.00	0.00	260,03
· 1	Southern Leyte	. 66.19	0.10	66.29	0.00	0.00	0.00	66.19	0.10	18.46	0.00	84.75
Vill	Biliran	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Viii	Eastern Samar	132.23	1.18	133.40	16.50	23.47	39.97	148.72	24.65	0.00	0.00	173,37
	Northern Samar	90,79	0.00	90.79	0.00	0.00	0.00	90.79	0.00	0.00	0.00	90.79
	Western Samar	0,00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Sub-total	515.26	10.02	525,27	37.41	27.79	65.20	552.87	37.81	18.46	0.00	608,94
ıx	Zamboanga del Norte Zamboanga del Sur	203.15	5.59	208.74	37.93	128.26	166 19	241.08	133.85	0.00	64.00	438.93
<i>"</i> "  -	Sub-total	50.68 253.83	8.26	58,94	10.46	0.00	10.46	61.14	8.28	0.00	0.00	69.40
	Bukidnon		13.85	267.68	48.39	128.26	178,65	302.22	142.11	0.00	64.00	508.33
	Camiguin	2.31 . 27.18	0.00 22.87	2.31	17.78	24.96	42.74	20.09	24.96	0.00	0.00	45.05
x	Misamis Occidental	132.89	0.00	50.04	0.45	13.51	13.98	27.62	36.38	0,00	0.00	84.00
	Misamis Oriental	0.00	0.60	132.89 0.00	0.00	0.00	0.00	132.89	0.00	0.36	0.00	133.25
	Sub-total	162,37	22.87	185.24	0.00 18.23	0.00	0,00	0.00	0.00	0.00	0.00	0.00
	Davao del Norte	0.00	0.00	0.00	0.00	38.47	56.70	180.60	61.34	0.36	0.00	242,30
	Davao del Sur	11.89	0.00	11.89	59.04	0.00 4.61	0.00	0.00	0.00	0.00	0.00	0.00
j	Davao Oriental	71.14	19.67	90.81	16.20	157.95	63.65	70.93	4.61	0.00	61.50	137.04
XI [	South Cotabato	25.01	0.00	25.01	0.00	0.00	174.15 0.00	87.34 25.01	177.62	3.69	0.00	268.65
. [	Saranggani	133.66	0.00	133.66	35,82	24.60	60.42	169.48	0.00	0.00	0.00	25.01
	Davao City	0.00	0.00	0.00	0.00	0.00	0.00	0.00	24.60 0.00	0.00	14.86	208.95
	Sub-total	241.70	19.67	261.37	111.06	187.17	298.22	352.76	206.84	0.00	0.00	0,00
	Lanao del Norte	0.00	0.00	0.00	0.00	0.00	0.00	332.76	200.04	0.00	76.36	639,65
XII	North Colebato	74.61	0.00	74.61	29.06	0.00	29.06			2.70	0.00	0,00
į.	Sultan Kudarat	24.13	3,60	27.73	89.21	31.00	120.21			0.00	0.00	2.70
	Sub-total	98.73	3.60	102.33	118.27	31.00	149.27	0.00	0.00	2.70	7.00	7.00
. ]	Agusan del Norte	0.00	0.00	0.00	2.00	2.19	4.19	2.00	2,19	0.00	7.00	9.70
xm	Agusan del Sur	0.00	. 0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.19
AIII	Surigao del Norte	19,90	0.00	19.90	8.00	33.89	41.89	27.89	33.89	1.71	0.00	0.00
1	Surigao del Sur	38.62	2.54	41.26	40.39	228.49	268.88	79.01	231.13	3.02	0.00	63.50
	Sub-total	58.52	2.64	61.16	50.39	264.57	314.96	108,90	267.21	4.74	0.00	380.86
ARMM	Lanzo del Sur	88.25	0.00	88.25	1.00	27.25	28.25	3		0.00	0.00	0.00
	Maguindanao Sub-total	22.56	1.42	24.08	6.11	53.70	59.81	<u>.</u>		0.00	0.00	0.00
		110.91	1.42	112,33	7.11	80.95	88.06	0.00	0.00	0.00	0.00	0.00
St	udy Area Total	2697.22	440.77	3137.99	959.83	1382.22	2342.05	3322,04	1706.01			0,07

#### Master Plan Study on Visayas and Mindanao Islands Strategic Road Network Development Project National Secondary Road Length Summary by Pavement Condition

. , T	D. continues		Payed Road			Unpaved Road				Total		
egion	Province	Good / Fair	Bad / V. Bad	Total	Good / Fair	Bad / V. Bad	Total	Good / Fair	Bad / V. Bad	UIC	Impassable	Total
	Marinduque	3.81	2.57	6.39	0.00	76.48	76.48	3.81	79,05	0.00	0 00	82.86
	Occidental Mindoro	1.37	0.00	1.37	65.18	31.81	97.00	66.55	31.81	0.19	12.33	110.88
1	Oriental Mindoro	6.42	1.89	8.31	5.14	0.09	5.24	11.56	1.98	0,00	0.00	13.55
iV-B ↓	Palawan	5.75	0.00	5.75	87.63	32.14	119.78	93.39	32,14	0.00	0.00	125 53
	Remblen	6.50	6.85	13.35	25.11	110.19	135.29	31.61	117.04	0.00	0.00	148.65
- ⊦	Sub-total	23.85	11.31	35.17	183.07	250.72	433.78	206.92	262.03	0.19	12.33	481.47
+		3.16	0.00	3.16	24.95	15,17	40.13	28.11	15.17	0.00	0.00	43 29
v	Calanduanes	17,65	1.68	19.33	65.61	60.84	126.45	83.27	82.51	8.02	20.40	174 21
· }-	Masbate	20.82	1.68	22.49	90.57	76.01	166,58	111.38	77,69	8.02	20.40	217.49
$\rightarrow$	Sub-total		0.00	25,10	0.00	13.44	13.44	25.10	13.44	0.00	0.00	38.53
1	Aklan	25.10		28.08	22.95	108.32	131.27	41.24	118.12	0.00	2.33	161 69
1	Antique	18.29	9.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Capiz	0.00	0.00		50.48	195.42	245.89	219.35	245.43	8.82	0.00	473.59
VI.	lloila	168.87	50.01	218.88			53.09	61,53	22.44	0.00	0.00	83.97
	Guimaras	13.90	16,98	30.88	47.63	5.46 155.67	239.04	252.75	193.89	2.48	0.00	449.11
- 1	Negros Occidental	170.38	37.22	207.60	82.37		0.65	24.82	0.70	0.00	0.00	25.52
_	Ileilo City	24,54	0.33	24.86	0.28	0.37	683,36	624.78	594,01	11,29	2.33	1232,41
	Sub-total	421.08	114,34	535.41	203,70	479.67				4.91	25.18	247.71
Т	Bohol	33.57	21,41	54.98	86.30	76.34	162,64	119.87 66.71	97.75 50.26	4.91 3.50	1.08	121.55
Į	Cebu	41.96	30.21	72.17	24.75	20.05	44.81			0.00	0.00	20.12
VII	Negros Oriental	2.48	0.00	2.48	0.00	17.64	17,64	2.48	17.64	0.00	0.00	0.00
L	Siquijor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00 165,66	8.41	26,26	389.38
	Sub-total	78.00	51.62	129.62	111,05	114.04	225.09	189,05				448.87
	Leyle	141.06	3.24	144.30	208.72	67.41	276.14	349.79	70.65	28.13	0.29	
	Southern Leyte	22.54	0.59	23.13	10,80	60.79	71.59	33.34	61.38	9.08	0.00	103.80
Ì	Biliran	31.13	0.59	31,72	58.23	40.67	98.30	89.36	40.65	2.48	0.44	132.91
VIII	Eastern Samar	33.44	0.00	33.44	0.00	24.26	24.26	33.44	24.26	0.00	0.00	57.69
	Northern Samar	0.00	0,00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.00
	Western Samar	0.83	0.00	0.83	2.36	3.44	5.79	3.19	3.44	0.00	0.00	6,63
Ì	Sub-total	229.00	4.42	233,42	280.12	195.96	476.07	509.12	200.38	39.67	0,74	749.90
	Zamboanga del Norte	31.02	0.00	31.02	0.00	0.00	0.00	31.02	0.00	0.00	. 0.00	31.02
IX	Zamboanga del Sur	46.13	11.76	57.89	. 16.58	15.78	32.36	82.71	27.54	1.21	0.00	91,46
ľ	Sub-total	77.15	11.76	88.91	16.58	15.78	32,36	93.73	27.54	1.21	0.00	122.47
	Sukldnon	25.73	11.94	37.67	135.45	158.37	293.82	161.18	170,31	1.23	2.31	335.03
	Camiguin	0,00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
х	Misamis Occidental	35.48	1.28	36.76	3.43	34.89	38,32	38.91	36.17	0.00	0.00	75.08
	Misamis Oriental	49,30	13.79	63.09	5.07	48.23	53.30	54.38	62.01	0.77	9.00	117,16
İ	Sub-total	110.51	27.01	137.51	143.96	241,48	385.45	254.47	268.49	2,00	2.31	527,27
	Davao del Norte	80.07	0.00	80.07	62.64	52.79	115.43	142.72	52.79	3.78	0.00	199.28
	Davao del Sur	2.36	0.00	2.36	9.84	43.36	52.99	11.99	43.36	0.00	14.81	70.16
	Davao Oriental	8.56	0.21	8.76	10.87	56.22	67,09	19.42	55,43	0.00	0.00	75.85
ХI	South Cotabato	26,14	0.00	26.14	23.58	5.43	29.11	49.82	5.43	0.00	11.28	66.52
	Saranggani	0.00	0.00	0.00	0.82	4.00	4.82	0.82	4.00	0.00	27.98	32.80
-	Davao City	13.55	3,73	17.29	10.88	9.73	20.61	24.43	13,46	0.00	0.00	. 37.89
	Sub-total	130,68	3.94	134.62	118.52	171.52	290.04	249.20	175.46	3.78	54.07	482.51
	Lanao del Norte	7.60	2.50	10,10	13,00	53.55	66.55	1		0.00	0.00	0,00
	North Colabato	21.78	3.20	24.98	183:42	97.37	280.79		3.4	1.10	63.88	64.98
XII	Sullan Kudarat	14.10	0.00	14.10	13.20	0.00	13.20			0.00	0.00	8.00
	Sub-total	43.48	5.70	49.18	209.62	150.92	360,54	0.00	0,00	1.10	63,88	64.98
		17.28	6.62	23.90	9.28	49.79	59.07	26.56	56,41	0.00	26.66	109.62
	Agusan del Norte Agusan del Sur:	37,31	0.62	37.62	20.04	23.93	43.97	57,35	24.24	0.00	0.00	81.59
XIII		15.61	0.31	15,61	0.19	14.04	14,23	15,80	14.04	0.38	4.76	34.99
ΛIII	Surigao del None								6.41	0.00	1,28	10.26
	Sungao del Sur	2.20	0.92	3.13	0.31	5.48	5,79 123,07	2.51 102.22	101.10	0.38	32.70	236.40
	Sub-total	72.41	7.85	80.25	29.82	93,25		172.22	101.10	9,00	0.00	0.00
4 D	Lanao del Sur	0.20	0.00	0.20	0.00	34,25	34.25					
ARMM	Maguindanao	9,30	1,29	10.59	11.60	8.45	20,05			0.00	9.17	9.17
	Sub-total	9,50	1,29	10.78	11.60	42.70	54,30	0.00	0,00	0.00	9.17	
	itudy Area Total	1216.47	240.90	1457,37	1398.62	1832.05	3230.66	2340.88	1872.34	76.05	224.19	4513.46

Master Plan Study on Visayas and Mindanao Islands Strategic Road Network Development Project Anenial Road Length Summary by Pavement Condition

			Told	th. Courth Backh	1			<u> </u>	est-West Later.	1			Other Roads	of Strategic	mportance	
Region	Province	Good / Fair	Rad / V. Rad		Impassable	Total	Good / Fair	Bad / V. Bad	OVC	Impassable	Total	Good / Fair	Bad / V. Bad	Ç,	impassable	Total
	A Special Control	000	6	8	00.0	8	00.0	00'0	0.00	0.00	8	64.89	61.83	2.38	000	129.10
_	Occidental Mindon	16.38	8.27	0.66	99'5	30.92	0.00	000	00'0	0.00	8	191.82	21.24	6:4	2,50	226.15
	Oriental Mindom	63,39	141.55	0.0	100	214.38	2.93	14.73	8.	00'0	17.85	79.8Z	75.25	9 6	8 8	07. 243
ρ 	Palawan	00.0	0.00	0.00	0.00	8.	000	00.0	0 0	9 8	3 8	2 2	70.22	3 5	800	125.10
_	Remblen	00.00	00.0	0.00	0.00	200	000	Oñ'a	3 8	3 5	47 CF	29 -65	463.75	4.36	12.00	1671.28
_	Sub-total	79.77	149.77	0.66	15.10	245.30	2,33		800		8	FU 651	56.35	2.36	800	204.74
	Catanduanes	00'0	0.00	8.5	00.00	88	8 8	8 8	3.8	3:8	88	102.38	18.41	6.7	8	121.49
<u>-</u> -	Masbate	800	000	800	000	3 5		90	0.00	0.00	0,00	254,41	92'29	3.07	0.00	326.23
	Sub-total	000	0.00	0.00	0.00	M.0	200	300	900	00.0	80	9 %	22.25	00.0	8.0	48.66
	Aklan	27.8	27,90	818	8 8	25.08	315	2 74	800	0.0	13.86	50.03	57.66	0.00	8	152.73
	Antique	800	200	3 8	3 8	43.03	25.59	23.60	8	000	41.14	115.46	67.13	o.0	8	182,59
	280	8 8	2 2	8 8	3 8	22.53	74.72	71.23	000	000	50.08	146.71	35.87	800	8	182.59
5	9891	8 8	78.00	3 8	3 8	900	000	8	8.0	800	000	71.55	3.5	00.00	80	45.67
	Gumaras	300	00.00	3 8	3 2	316.50	23 07	22.97	000	0.0	46.94	21.68	73.11	30.99	8	125.73
	Negros Occodentas	3 55	000	8	8	3.55	0,00	000	0.00	0.00	0.00	9.80	000	800	80.0	8
	Holio City	27.0	443 22	200	0.00	496.22	117.53	130.54	3.	00.0	250.04	638 50	268.53	26,93	8	738.02
	Sup-total	26 161	1	900	88	189.48	51.85	23.33	2,57	00.0	77.75	51.75	808	.50	8	1.3
	0000	10.13	3 2	8	8	150.21	22.80	33.60	000	80	35 35	210.68	152,98	2.17	00.0	365.83
5	Separate Contract	90.00	837	90	8	104.54	10,84	9.80	8.71	8.0	29.35	209.48	5.04	1.49	8	226.8
	Veglios Cromen	8 6	000	18	8	80	8	000	000	000	000	68 39	3.25	3.49	88	75.13
	Skink total	20.25	14.72	0.50	8.0	484.23	85.59	66,73	11.28	0.00	163.60	540.30	190.16	79.	0.00	738.10
1	Pin-dre	7.25	40.07	0.83	0.0	115.29	49.00	3,04	0.00	12.88	64.93	246.97	8	000	8	280.03
	Continue to the	5 0	908	900	80	52.19	800	00.0	00'0	800	0.00	66.19	0.10	18.46	8	2 2
	Series Color	000	000	800	0.00	80	0.00	800	000	8	8	8	000	8	8 8	3
5	Factor Same	8	800	8	8	800	37 46	38.23	8	8	75.69	148,72	24.65	000	3 3	163.36
	Northern Samar	14.93	40.4	00:0	8.0	28.97	5.88	36.62	800	800	22.50	8 6	3 3	3 8	8 8	200
	Western Samar	152.70	51.11	8	0.00	203.81	89.18	12.10	8	6.26	87.54	8	20.00	96.96	200	3
	Sub-total	321.16	78.27	0.03	0.00	400.26	161 53	88.00	00.0	19.14	270.64	70.20	37.01	90.0	20.73	438.93
	Zamboanga del Norte	00.0	0.00	00:0	00.00	8	¥.	225	800	8.8	70.02	97.142	8 %	88	000	07-89
×	Zamboanga def Sur	146.55	174.78	96	80	322.33	18.24	00.0	2	8	107 77	307 22	142.13	00.0	64.00	508.33
	Sub-total	146.85		8	B	2577		1	5	6	63 67	20.09	24.96	00'0	0.00	45.05
	Bukidnon	170.41	13.02	8	000	163.42	2 2	77.77	3 5	3 8	8	27.62	36.38	8	800	64.00
	Campuin	8	90.00	8	8 8	3 8	318	3 2	8	900	900	132.89	800	0.36	800	133.25
×	Misamis Occidental	900	8 8	8 6	8 8	273 03	3 8	8	800	960	000	800	00.0	00:00	00.0	0.00
	Misamis Oriental	242.99	20.00	0.0	3 5	426.64	\$1.25	21.27	9.00	00.0	72.52	180.60	27.12	0.36	00'0	242,30
	Sub-total	413,33	20.01		8	176.48	77.77	800	90.0	000	47.44	800	000	00.0	90.00	0.00
	Davao del Norte	S 3	20.0	312	318	7. A.	5	2012	900	80	29.47	70.93	¥.61	8.0	61,50	137.04
	Cavao del Cur	9 5		2 6	318	8	000	8	0.00	80	0.00	87.3X	177.62	3.69	8	268.65
>	Courte Colebrato	29.65	2 6	18.35	8	131.97	000	8.0	00'0	8.0	8	25.01	8	8	8	25.01
	Saraconani	80	88	38.69	3	38.99	8	8	8	8	80	169.48	2,60	8	96.4	208.95
<u> </u>	Davao City	70.19	8	28.92	800	145.19	000	000	000	800	8	000	800	0.00	000	0.00
	Sub-total	283.28	\$6,38	162.20	0.00	500.36	\$5.49	21.01	9.60	80	16.31	302.78	100	2	3	8
	Lanso del Norte	133,60	20.93	2.20	6.42	163,15	22	8,0	8	8 6	3 5	38.2	8 8	2.20	8	106.36
×	North Cotabato	8	8.	90.0	0.00	8 1	8 4	200	8 6	3 6	000	113.34	98	000	2,8	154.94
	Sultan Kudarat	23.88	3.05	800	000	8	0.00	0.00	300	900	148.47	217.00	3	2.70	7.00	261.30
	Sub-total	157.48	23.98	2.20	24.2	130.00	200	100		000	00.0	2.00	2.19	00.0	000	4.19
	Agusan del Norte	116.70	243	818	88	136.03	3:38	3,8	300	90.0	6 6	000	000	0.00	8	0.00
×	Success del Sur	318	1.35	88	8	8	8,0	00.0	00,0	000	8.0	27.89	33.89	1.71	8	63.50
	Surgeo del Sur	00.0	000	0:00	0.0	90'0	18.45	81.19	1.03	15.38	35	79 01	231 13	3.02	00'0	313.17
	Sub-total	210.07	19.48	1.52	0.00	311.07	70.01	100.65	1.03	15.38	187.06	102.90	267.21	4.74	0.00	300.00
	Lanao del Sur	35.10	19.80	4.40	0.00	59.30	37 75	27.50	0.00	99	71.75	89.25	67.73	8 6	8 6	83.89
ARMM	Maguindanao	82 11	33.74	0000	000	1.15.85	7.96	0.75	20.0	200	80.48	113.02	82.38	000	0.00	200,39
	Sub-total	117.21	51.54	04.40	850	41.0.r	2) (2					20230	00 000	11 01	150 35	5718.41
š	Study Area Total	2500.89	849.14	179.45	21.52	3551.01	777.93	539.17	20.03	41.01	1372.15	3657.06	1822.99	. 10'77	95,50	10.0116
	_															

Master Plan Study on Visayas and Mindanao Islands Strategic Road Network Development Project Road Length Summary by Pavement Condition by Road Functional Classification

				Arterial Road				E OURN	a Secondary	Coad			-			
Region	Province	Sand / Fast	Dad W. Bad	1 1/10	eldesseom	Total	Good / Fair	Bad / V. Bad	ο'n	Impassable	Total	Good / Fair	Bad / V. Bad	ο'n	- impassable	Total
	A Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Company of the Comp	64.00	64.83	2 38	00.0	129.10	3.81	79.05	0,00	00:0	82.86	68.71	140.88	2.38	90.0	211.96
	Manndudue Constanto Mindos	20.50	20.00	52	17.66	257.06	88.55	31,81	61.0	12.33	110.88	274.75	61.27	194	29.89	367.94
;	Occupation Mindow	3 %	188.85	0.76	44	285.28	1.56	1.98	00.0	00.0	13,55	97.80	190.83	0.76	4	298.82
α ≥	Onental Mindord	3 5	277.40	2 8	90	537.70	93,39	32.14	00.0	0.00	125,53	353,68	309.55	0.00	0.00	663.23
	Pathwall	25.73	76.22	0.15	000	125.10	31.61	117.04	0.00	00.0	148.65	86.34	187.25	0.15	00.0	273.74
	Guth serial	67. 16	827.75	5,02	27.10	1334.23	206.92	262.03	0.19	12.33	481.47	881.28	219.77	5.23	39.43	1815.70
	Calanctuanes	152 03	50.35	2.36	0.00	204,74	28.11	15.17	00.0	00'0	43.29	180.14	65.52	236	0.00	243.03
>	Masbate	102.38	18.41	0.77	00'0	121.49	83.27	82.51	8.02	20.40	174.21	185.65	50.92	8.73	20.40	07.087
_	Sub-ota	254.41	68.76	3.07	0.00	326,23	111.38	77.68	8.02	20,40	217.49	365.79	14.44	11:10	70.07	243.12
	Aklan	ec 75	50.15	80	0.00	104.54	25 10	13,44	00'0	8	38.53	79,49	8	8	000	245.03
	Antique	8	76.79	8	0,0	173,07	42.24	18.12	0.00	233	161.69	137.52	8	8	2,33	2 1
+-	Canit	202.69	2.88	8	00.0	325.71	0.00	8	000	000	8	202 69	23	8	8 8	7525
	1 2	508.39	8	8	000	342.41	219.35	245.43	\$.82	000	473.59	427.73	37945	28.	8	0000
<u>-</u> -	Gumana	33.17	12.50	800	000	45.67	61.53	22.44	0.0	000	53.97	\$	3	8	8	5 19
_	Negros Occidental	334.52	118.77	37,03	0.00	460.32	252.75	193.89	2.48	8	449.11	587.27	310.66	39.50	0.00	2 8
	Toile City	3.55	8	80	8	3.55	24.82	0.70	00.00	0.00	25.52	28.36	0.70	000	300	23.00
:	Sub-total	\$32.99	511.29	34.98	0.00	1433.27	624.78	6\$4.01	11.29	2.33	1232.41	1557.78	1,06.30	30.28	2.33	10.017
	Bahal	234.97	99.53	4.07	0.00	338.56	119.87	57.75	6,4	25,18	247.71	25	62/5	8	2.5	700
	Cepa	401.55	208.62	2.17	00.0	612.54	8	50.26	8	3	121.56	458.26	8	200	3 8	28.080
₹	Negros Opental	318.01	5	10.69	900	380.71	2.48	17.64	000	8	20.12	318.43	51.55	10.00	3 6	30.5
2	Signifor	66.39	3.25	3.49	00'00	75.13	0.00	0.00	0.00	80.0	0.00	68.39	27.5	3.48	3 2	4776 27
	Sub-total	1020.91	345.61	20.42	0.00	1386.94	189,05	165.66	174	28.28	369,38	203,36	77.114	70.07	47.47	2 C C C C C C C C C C C C C C C C C C C
Ĺ	Levie	400.41	28,12	0.83	12.88	440.25	349.79	70,65	28.13	0.29	448.87	750 20	8	28.8	2 6	240 74
:	Southern Levie	115.29	3.18	18.46	80	136.94	33.34	61.38	90.6	80	103.80	148.63	6,57	27.35	3	200.7
	Bilitan	8	8	0.00	8	0.0	39,36	40.65	2.46	4	132,91	\$5.36	590	246	1 8 0 9	25.95
Š	Eastern Samar	186.19	62.08	0.00	0.0	248.06	33,44	24.26	8	8	57.69	219.62	27.13	8	000	200.00
	Northern Samar	111.59	88.08	8	8	162.28	8	0.00	000	8	000	11.59	8 3	000	3 %	207.08
	Western Samar	221.88	63.21	00.0	6.26	291,35	3,19	3.44	0.00	00.0	6.63	70,527	40.00	20.00	12.5	2029.76
	Sub-total	1035.36	206.06	19,30	19.14	1279.86	509.12	200 TE	39.87	0./4	200	20,240	25.50		8	517.97
	Zamboanga del Norte	285.96	136.10	0.88	94.00	486.95	31.02	0.00	8	00.0	31.02	310.90	35.4 PB	200	900	542.94
×	Zamboanga.del Sur	225.94	223.54	201	0.00	451.48	62.71	27.24	1.2	0.00	200.00	5000	187.18	80 <b>4</b>	87.5	1060.91
_	Sub-total	511.90	369.66	2.89	64.00	938.43	93.73	17.77	1.2.	30.0	144.44	20,000	220 65	1 22	231	536.02
	Bukidnon	241.75	59.25	8	000	300.98	161.18	20.3	N S	5 6	200	27.63	8	000	8	8.8
	Camiguin	27.62	36.38	8	8	8 6	200	200	8 8	8 8	75.08	17.1 80	36.17	0.36	00.0	208.33
×	Misamis Occidental	132.89	8 8	9 6	8 8	133.23	20.35	8 2	3 2	880	117.16	297.36	62.01	98'0	0,00	360.24
	Misamis Onental	242.39	0,00	2 5	980	741.33	254.47	268.49	2.00	2.34	\$27.27	1.668	364.12	2.45	2.31	1268,59
	Sub-total	2500	20.03	900	80	153.59	142.72	52.79	3.78	0.00	199.28	245,34	103.75	3,78	0.00	352.88
:	Davis del Note	20.00	) (S	27.75	61.50	342.36	11.99	13.36	80.0	14.81	70.16	135.66	5.39	27.16	76.31	312.52
	Description Oriental	(A) 24	325	696	000	268.65	19.42	56.43	000	8	75.85	106.76	234.05	3.69	00'0	34.50
×	South Cotabato	136.83	8	18,35	8	156.98	49.82	543	8	11.28	96,52	188,45	5.43	18.35	1,28	X23.50
	Saranggani	169.48	24.60	38.69	4.86	247,64	0.82	8	00.0	27.98	32.80	170.30	9 4	5000	8 8	186.08
	Davao City	70.19	00.00	78.00	080	145.19	2	13.40	0.00	20.5	20.02	\$41.13	458 69	169.68	130.43	1699.92
	Sub-total	691.93	263.23	2	85.4/	7	3	20, 20	8	900	76.85	176 30	76.98	2.20	6.42	251.90
	Lando del Norte	100.00	20.23	2 2 2	7 00	229 74	205,20	100.57	1,10	63.88	370.75	405.12	123,81	7.68	. 63.88	67'009
×	Sultan Kirdaral	137.22	37.65	000	2,90	181.87	27.30	00.0	0.00	0.00	27.30	164.52	37.65	00:00	7.00	209.17
	Sub-total	492.84	31.82	8.78	13.42	596.86	253.10	156.62	1.10	63.88	474.70	745.94	236 44	9.38	77.30	1071.56
	Acusan del Norte	118.78	4.62	1.52	0,00	124.92	28.56	17.95	00.0	26.66	109.62	145,34	61.02	8	26.56	234.55
:	Agusan del Sur	8	135.17	00'0	00.00	227.05	57.35	24.24	0.00	000	81.59	149,23	158.4	8.6	5 %	300.04
Ē	Sungao del Norte	80.35	35,24	1.73	0.00	117.90	15.80	<del>.</del> .	800	2,2	7 6	8 60	208 77	50.5	16.66	4.9.4
	Surigao del Sur	97.46	292.33	4.05	15.38	409.21	2.51	101.00	30.00	07.65	07.00	491.20	568.45	7.67	48.07	1115.39
	Sub-total	328.98	467.35	7.29	15.35	6/4.33	7770	21.10	9000	200	34.45	05.291	108.80	4.40	650	282.00
	Lanao del Sur	162.10	74.55	4.40	6.50	247.55	0,00	07.45	3 8	2 6	20.5	139.76	8 35	000	9.17	248.28
ARMIN	Maguindanao	118.86	89.61	0.00	0.00	456.02	21.10	43.99	0.00	9.17	74.26	302.06	208.15	4,40	15.67	530.28
	oup-ore	400,30					1	20.000		000	4000 27	30 1130	20 8803	35 656	60 977	15627.84
	Study Area Total	6929.88	3211.30	276.49.	221.90	10639.57	2615.08	20/2/95	(8.05	61.477	4300.47	00.44	2,4040	2000	22.24	

Master Plan Study on Visayas and Mindanao Islands
Strategic Road Network Development Project
Road Length Summary by Number of Lanes per Adminisrative Road Classification

1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,					Mation	National Hoad			_		40000			-				-		
Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control March   Control Marc	degion.	Province	4-lane	2-lane	1-lane	0/0	Impassable	Total	4-lane	2-lane	1-14ne	nγc	Impassable	Total	4-lane	2-lane	1-lane	2/0	Impassable	Total
Consentation of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the se	+	Manoduque	0.05	101.72	107.81	2.38	0.00	211.96	0.00	0.00	0.00	0.00	00.0	0.00	0.05	101.72	107.81	2.38	00.0	211.96
Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control theory         Control		Occidental Mindoro	0,85	146,13	118.09	6.	29.99	297.00	000	75.99	55.88	8.0	900	131.88	0.85	222.12	173.98	161	23.38	428.85
Property   Column		Oriental Mindorn	0.00	224.96	57.77	0.76	644	262.62	000	6, 4	69.57	3	90.0	116.21	000	269.75	127.35	2.60	946	409 13
Particular   1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	 	Palawan	000	400 67	262.56	00:0	00.0	663.23	0.00	34.21	68.81	000	38.34	141.35	000	434.88	331.37	000	38.36	65 708
Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue   Continue		Romblon	7.0	44.87	227.98	0.15	00'0	273.74	00.0	12,29	39.75	000	0.00	52.04	0.74	57.16	267.74	0.15	00.0	325.79
Particulary   Color	<u>l</u>	Sub-total	3	918.35	774.22	5.21	39,43	1738.86	000	167.28	234.02	1.84	38.34	441.48	1,64	1085.63	1008.24	7.05	77.77	2580.34
Particular   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1979   1	-	Catanduanes	00.0	111.96	133.70	2.36	00.0	245.03	00.0	8.50	120.30	120	000	130.00	00.0	120.46	254,00	3.56	90.0	378.03
Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control <t< td=""><td>&gt;</td><td>Masbate</td><td>9.00</td><td>153.02</td><td>113.55</td><td>8.73</td><td>20.40</td><td>295.70</td><td>00'0</td><td>37.53</td><td>43,53</td><td>0.00</td><td>25.28</td><td>106.33</td><td>0.00</td><td>190.54</td><td>157.08</td><td>8.73</td><td>45.68</td><td>402.03</td></t<>	>	Masbate	9.00	153.02	113.55	8.73	20.40	295.70	00'0	37.53	43,53	0.00	25.28	106.33	0.00	190.54	157.08	8.73	45.68	402.03
Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part   Part	<u> </u>	Sub-total	0.00	264,98	247.25	11:10	20.40	543.73	0.00	46.03	163.83	1,20	25.23	236.33	0.00	341.01	411.08	12,30	45.68	750,06
Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia         Columnia	-	Aklan	8	120.12	20.99	0.00	00.0	143.08	9.00	31.07	81,06	0.00	800	112.15	98	151.19	102.07	00.0	0.00	255.22
Operation of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of		Antique	0.00	204.37	(28.05	000	2,33	334.76	000	6.20	10,64	8	8	2 2	8	210.58	138.69	00.00	233	351.60
Page 1965   Page 25   Pa		Capiz	4.15	243.09	76.51	8	0.00	325.71	8	28.18	47.26	3.36	0.00	78.80	4.15	271.27	123.77	5.32	0.0	404.51
Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Coloration         Colorat	5	O.S.	13.95	694.87	98.57	5,82	00.0	916.00	800	7,95	45.02	3.73	9	5	13.95	772.62	143.59	12.55	7.46	950.17
National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties   National Properties	>	Guimaras	0.23	63.74	45.67	000	80	129.64	80	6.25	45.39	00.0	8	3	0.23	66.66	90.16	000	8	151.28
Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page   Page		Negros Occidental	25.25	769.08	103,60	39.50	0.00	937.43	8	65.18	71.27	800	0.40	136.85	25.25	834.28	174.87	8.5	0	1074.28
Spinish         224         SSSAL         SSSAL <th< td=""><td>  :</td><td>libilo City</td><td>10.87</td><td>18.10</td><td>0.00</td><td>0,00</td><td>0.00</td><td>29.06</td><td>000</td><td>000</td><td>0.00</td><td>0.00</td><td>0.00</td><td>0.00</td><td>10.87</td><td>18.19</td><td>0.00</td><td>0.00</td><td>0.00</td><td>29.06</td></th<>	 :	libilo City	10.87	18.10	0.00	0,00	0.00	29.06	000	000	0.00	0.00	0.00	0.00	10.87	18.19	0.00	0.00	0.00	29.06
Option         2.3.4         61.6.2         3.6.2.4         61.6.2         61.2.4         61.6.2         62.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4         61.2.4	L.,	5uth-total	58.41	2133.27	473.40	50.28	2,33	2715.69	0.00	214.84	300.65	7,09	7.86	530.44	56.41	2348.10	774,05	57.37	10.19	3245,13
Opinion         44 LA         44 LA         15 LA         45 LA         15 LA         15 LA         16 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         15 LA         <	-	Bohoi	2.24	490.83	59.05	8.98	25.18	586.27	00.0	26.32	125.87	3.97	00.0	156.16	224	517.15	184.91	12.95	25.18	742.44
Weiging Olders         Olders         MASS STATE         ASS STATE         1.00         MASS STATE         MASS STATE         1.00         MASS STATE         MA		o cepr	76.04 48.04	474.21	119.75	5.67	8	646.75	0.15	166.35	63.99	3	75.73	307.61	65.73	640.55	183,74	7,07	76.51	954.36
Separation         CORN         ALTAIN         ALT	<u> </u>	Negros Oriental	0.40	365.38	4.36	10.89	8	380.82	000	77.86	106.33	1.19	0.0	185.38	0.40	443.24	110.68	1.88	8	88.3
Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control         Control <t< td=""><td>_</td><td>Salujor</td><td>000</td><td>71 63</td><td>000</td><td>3.49</td><td>000</td><td>75 13</td><td>00.0</td><td>10/</td><td>20.5</td><td>8 8</td><td>00'0</td><td>35.70</td><td>800</td><td>72.70</td><td>3,53</td><td>3.49</td><td>8</td><td>1,0,82</td></t<>	_	Salujor	000	71 63	000	3.49	000	75 13	00.0	10/	20.5	8 8	00'0	35.70	800	72.70	3,53	3.49	8	1,0,82
Semination   September   Sep	-	Sub-fotal	45.63	1402.06	183.15	28.83	26.26	1638.97	0.15	271.60	330.81	6.56	75.73	654.54	48,83	1673.65	513.96	35.39	101.99	2373.82
Particular   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000   19,000		Leyte	8	624.36	222.62	28.97	13.18	889.12	0.00	37.56	62.90	8	27.69	128.15	000	861.92	265.52	28.97	40.87	1017.27
Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Particular   Par		Southern Leyte	86	165.52	88	27.33	8	240.74	80.0	8 8	07.07	8 6	8 8	778	9	1/0/48	67.85	27.33	8	265.97
Option District         2.25.4         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00 <td></td> <td>Carren Carren</td> <td>8 6</td> <td>37.35</td> <td>/ 60 63</td> <td>9 00</td> <td>1 8</td> <td>132.97</td> <td>200</td> <td>1.00</td> <td>0.00</td> <td>3 8</td> <td>3 8</td> <td>9 4</td> <td>0.00</td> <td>32.53</td> <td>/ (8.1/</td> <td>9 8</td> <td>1 6</td> <td>5 5</td>		Carren Carren	8 6	37.35	/ 60 63	9 00	1 8	132.97	200	1.00	0.00	3 8	3 8	9 4	0.00	32.53	/ (8.1/	9 8	1 6	5 5
Wildler State (1974)         Colt.         Colt. </td <td> !</td> <td>Casteri Carra</td> <td>2.70</td> <td>20.50</td> <td>70.60</td> <td>3 8</td> <td>3 8</td> <td>300.70</td> <td>3 5</td> <td>3</td> <td>20.00</td> <td>3.0</td> <td>3 3</td> <td>25.63</td> <td>2 2</td> <td>20.03</td> <td>6 8</td> <td>3 4</td> <td>3 8</td> <td>8.7.5</td>	 !	Casteri Carra	2.70	20.50	70.60	3 8	3 8	300.70	3 5	3	20.00	3.0	3 3	25.63	2 2	20.03	6 8	3 4	3 8	8.7.5
State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   State   Stat	-	Western Samar	3 3	282.64	8.54	80	3 8	297.98	88	8.74	104.53	80	1601	129.28	350	3,50	113.04	8 8	2 2	427.26
Experimental biolity   Columbia	L	Sub-total	3.32	1498.13	449.47	58.97	19.88	2029.76	0.00	\$5.15	230.15	2.85	100.58	418.73	3.32	1583.28	679.62	61.82	120.45	2448.49
Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Companies   Comp	-	amboanga del Norte	0.00	328.35	63.24	0.88	8,8	390.47	8.8	200	194.28	8.8	8 8	295.82	8.6	330.39	255.52	88.0	95'86	636.29
National Carry   State   Sta	L	A.emicoeling uca Sul	3 5	22 a 36	75.63	7.	3 6	17.71	3	72.00	2x2 xv	8	73.76		200	4074.66	168 27	200	33.67	07.000
National Controlled   1,12	1	Supplement of	2 5	37.63	70.07	3 8	3 2	4.556	200	00.00	46.70	8	9	420.46	27.00	070	400.04	20.0	20.47	26.126
Meaning Coloring         270 Mg (2017)         270 M	:	Camicus	2 8	37.27	26.73	3 8	80	8 8	38	90.	32.67	38	14.85	2 50	8 8	4133	070	3 8	3 3	15.5
Malesmed Christill         251 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot         350 dot		Misamis Occidental	58.87	185.01	14.09	860	8	208.33	8	17.99	84.82	8	8	102.91	5.87	203.00	98	88	8	311.14
Composition of State (State Composition of State		Misamis Onerka	<b>5</b> 0	330.32	9.02	98.0	800	360.24	1.00	97.07	101,42	0.41	16.91	216.89	21.12	427.39	110.44	1.27	16.91	577.13
Daviso of Morte         4.52         23.75         0.00         50.24         0.00         50.24         0.00         50.24         0.00         50.24         0.00         50.24         0.00         50.24         0.00         50.24         0.00         50.24         0.00         50.24         0.00         50.24         0.00         50.24         0.00         10.00         50.00         0.00         6.00         10.00         6.00         10.00         6.00         10.00         6.00         10.00         6.00         10.00         6.00         10.00         6.00         0.00         6.00         10.00         6.00         10.00         6.00         10.00         6.00         10.00         6.00         10.00         6.00         10.00         6.00         10.00         6.00         10.00         6.00         10.00         6.00         10.00         6.00         10.00         6.00         10.00         6.00         10.00         6.00         10.00         6.00         10.00         6.00         10.00         6.00         10.00         6.00         10.00         6.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00         10.00 </td <td>+</td> <td>Sub-total</td> <td>25</td> <td>106.05</td> <td>106.12</td> <td>248</td> <td>2.3</td> <td>1268.59</td> <td>1.08</td> <td>233.50</td> <td>264.69</td> <td>5</td> <td>36.76</td> <td>27.73</td> <td>52.74</td> <td>1344.55</td> <td>370.81</td> <td>2.86</td> <td>39.07</td> <td>1810.02</td>	+	Sub-total	25	106.05	106.12	248	2.3	1268.59	1.08	233.50	264.69	5	36.76	27.73	52.74	1344.55	370.81	2.86	39.07	1810.02
David Chemists         0.00         222.20         6.65         1.26         0.00         1.20         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00		Davas del Norte	2 5	280 38	25.20	3.78	8.7	352.88	8 8	2 2	227.98	8 8	# K	339.89	25.52	370.86	283.16	رن بار رو	3 S	592.77
South Cotabiner         2757         1902-56         6.05         17.29         22.35         0.00         24.77         18.50         0.00         2.57         18.50         2.57         18.50         2.56         18.50         17.20         48.50         17.50         2.50         48.50         17.50         2.50         48.50         17.50         2.50         48.50         17.50         2.50         48.50         17.50         2.50         48.50         17.50         2.50         48.50         17.50         2.50         17.50         2.50         48.50         17.50         2.50         17.50         2.50         48.50         17.50         2.50         48.50         17.50         2.50         17.50         2.50         48.50         17.50         2.50         17.50         2.50         17.50         2.50         17.50         2.50         17.50         2.50         17.50         17.50         2.50         17.50         2.50         17.50         2.50         17.50         2.50         17.50         2.50         17.50         2.50         17.50         2.50         17.50         2.50         17.50         2.50         17.50         2.50         17.50         2.50         17.50         2.50         1		Davao Oriental	800	252 20	988	3.69	000	24.50	800	1000	38.00	800	8	00.69	000	20.20	127.5	2 69	800	30.50
Sample         COM         171.84         2706         36.69         42.65         280.44         0.00         318         16.25         17.58         17.58         17.50         0.00         17.50         17.58         0.00         17.50         17.50         0.00         31.86         17.50         0.00         31.86         17.50         0.00         31.86         17.50         17.50         17.50         47.69         47.69         47.69         47.69         47.69         47.69         47.69         47.69         47.69         47.69         47.69         47.69         47.69         47.69         47.69         47.69         47.69         47.69         47.69         47.69         47.69         47.69         47.69         47.69         47.69         47.69         47.69         47.69         47.69         47.69         47.69         47.69         47.69         47.69         47.69         47.69         47.69         47.69         47.69         47.69         47.69         47.69         47.69         47.69         47.69         47.69         47.69         47.69         47.69         47.69         47.69         47.69         47.69         47.69         47.69         47.69         47.69         47.69         47.69 </td <td>- -</td> <td>South Cotabato</td> <td>27.57</td> <td>160.26</td> <td>5.05</td> <td>18.35</td> <td>11.28</td> <td>223.50</td> <td>0.00</td> <td>24.77</td> <td>18.50</td> <td>600</td> <td>8</td> <td>63.28</td> <td>27.57</td> <td>185.03</td> <td>24.55</td> <td>18,35</td> <td>11.28</td> <td>266.78</td>	- -	South Cotabato	27.57	160.26	5.05	18.35	11.28	223.50	0.00	24.77	18.50	600	8	63.28	27.57	185.03	24.55	18,35	11.28	266.78
Daylace City         \$15.9         80.95         11.65.0         0.00         106.00         0.00         38.91         38.29         3.60         3.16         11.65.00         20.00         20.82         3.60         3.16         11.65.00         3.60         3.60         3.60         3.60         3.60         3.60         3.60         3.60         3.60         3.60         3.60         3.60         3.60         3.60         3.60         3.60         3.60         3.60         3.60         3.60         3.60         3.60         3.60         3.60         3.60         3.60         3.60         3.60         3.60         3.70         3.60         3.70         3.60         3.70         3.60         3.60         3.60         3.60         3.60         3.70         3.60         3.70         3.60         3.70         3.60         3.70         3.60         3.70         3.60         3.70         3.60         3.70         3.60         3.70         3.60         3.70         3.60         3.70         3.60         3.70         3.70         3.70         3.70         3.70         3.70         3.70         3.70         3.70         3.70         3.70         3.70         3.70         3.70         3.70		Saranggani	8	Z.	27.08	38.69	42.85	280.44	8	က က	58.68	10.25	17.58	69 68	8	175.02	2,7	8	8	370.13
Sub-bridge         0.70         178.59         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66         1.66		Davao City	15.29	80.95	11.85	78.00	00.0	186.08	000	39.01	82.59	3.60	9.18	134.37	15.29.	119.96	94,43	81.60	9.18	320.45
Lane del Note 0.70 17560 92.09 2.20 0.00 0.00 0.00 0.00 0.00 0.	+	Sub-total	47.68	1099.20	252.93	169.63	130.43	1699.92	90.00	208,57	430.62	13,65	53.45	716.39	47.69	1307.77	683,44	183,52	193,58	2416.31
Submit Administration         13.4         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75         14.75 </td <td></td> <td>Lanso del Norte</td> <td>0.70</td> <td>72.60</td> <td>92.03</td> <td>7.20</td> <td>6.42</td> <td>274.00</td> <td>9 8</td> <td>11.55</td> <td>133.67</td> <td>0 20</td> <td>38.80</td> <td>27.53</td> <td>0.70</td> <td>184.15</td> <td>225.75</td> <td>2 5</td> <td>\$ 2</td> <td>28 2 24 1</td>		Lanso del Norte	0.70	72.60	92.03	7.20	6.42	274.00	9 8	11.55	133.67	0 20	38.80	27.53	0.70	184.15	225.75	2 5	\$ 2	28 2 24 1
Sub-total         14.76         813.90         167.30         1843.6         77.30         1843.6         260.72         0.20         61.40         766.60         14.76         1257.00         428.55         10.60         138.5         46.40         14.76         1257.00         428.55         10.60         15.2         26.40         0.00         15.62         8.30         6.04         0.00         19.62         8.30         6.05         16.75         8.50         46.77         1.52         46.77         1.52         46.77         1.52         46.77         1.52         46.47         1.52         46.77         1.52         46.47         1.52         46.77         1.52         46.45         9.50         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00         4.00	- 5	Sultan Kudarat	10.34	169.63	22.00	000	200	209.17	8	346.55	33.15	800	86.	5 5	16.0	516.38	105.15	8	00	2 5
Aguaran del Norte 6 00 175 91 42.59 124.59 122 28.69 224.55 0.00 8.33 60.40 0.00 195.7 8.45 15.2 88.50 18.61 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51		Sub-total	14.76	113.80	167.83	3.12	77.30	1083.66	0.00	443.18	260.72	0.20	61.50	765,60	14.76	1257.08	428.55	10.68	138.80	1849,26
Advanced Surr         0.00         257.00         51.66         0.00         0.00         4.50         36.38         36.30         0.00         4.60         36.38         36.30         4.60         4.50         2.55         0.00         6.70         6.70         6.70         6.70         6.70         6.70         6.70         7.24         1.77         7.24         1.77         2.57         6.50         2.27         2.85         0.00         6.77         4.46         6.70         6.77         4.46         6.70         6.77         4.46         7.24         4.77         6.50         2.57         7.24         1.77         2.87         6.50         2.77           Surpcode Surr         0.85         37.52         0.00         6.53         35.46         0.00         5.77         4.32         0.56         37.20         6.50         2.57           Surpcode Surr         0.70         1.78         0.00         5.77         4.30         0.50         1.20         4.34         1.56         2.52         3.54         0.00         5.77         4.50         2.52         3.50         4.50         2.52         3.50         4.50         2.52         3.50         4.50         2.52         3.50	L	Agusan del Norte	9.00	175.01	24.58	152	26.86	55 152	0.00	82.38	60.40	000	19.52	88.30	9	184.19	84.97	1.52	46.17	322.85
Surgao del Norre 0.29 12451 27.13 2.09 4.76 122.79 0.00 45.9 30.46 2.85 19.99 100.44 0.22 19.75 9.50 5.50 24.75 24.75 19.75 10.00 5.05 24.75 24.75 25.00 5.05 24.75 24.75 25.00 5.05 24.75 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85 24.85		Agusan del Sur	0.00	257.08	51.56	0.00	0.00	308.64	0.00	151.37	108.07	8.46	36.38	306.28	8	408.46	159.62	3.45	38.38	614.92
Supplementary   1.24   Supplementary   1.24   Supplementary   1.24   Supplementary   1.24   Supplementary   1.24   Supplementary   1.24   Supplementary   1.24   Supplementary   1.24   Supplementary   1.24   Supplementary   1.24   Supplementary   1.24   Supplementary   1.24   Supplementary   1.24   Supplementary   1.24   Supplementary   1.24   Supplementary   1.24   Supplementary   1.24   Supplementary   1.24   Supplementary   1.24   Supplementary   1.24   Supplementary   1.24   Supplementary   1.24   Supplementary   1.24   Supplementary   Supplementa		Surigao dei Norte	0.28	124.51	23,13	5.3	4.76	152.79	8	43.08	34.46	22.0	19.99	100.48	8,5	167.59	95.60	5.05	24.75	253.27
Lanno del Sur 0.70 178.85 84.45 4.40 6.50 275.00 0.00 119.53 0.00 13.20 162.73 0.70 190.85 203.88 4.40 37.70 17.77 203.89 117.77 201.89 20.00 17.77 201.89 20.00 17.77 201.89 20.00 17.77 201.89 20.00 17.77 201.89 20.00 17.77 201.89 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.00 17.85 20.		Sub-total	7.24	924.76	127.65	29.	48.07	1115.39	90.6	203.46	238.42	11.47	83.50	536.89	7.24	1128.22	366.07	4.05	131.67	\$652.28
Maguindação         176         184.52         52.83         0.00         91.7         28.50         0.00         117.77         297.34         1.76         280.49         136.43         0.00         136.44         203.13         0.00         148.97         203.13         0.00         148.97         203.13         46.67         2.46         47.44         340.41         4.40         156.51         397.93         148.69         393.03         333.85         1137.39         397.85         1148.69         123.85         1394.57         397.95         1148.69         148.69         148.69         148.69         148.69         148.69         148.69         148.69         148.69         148.69         148.69         148.69         148.69         148.69         148.69         148.69         148.69         148.69         148.69         148.69         148.69         148.69         148.69         148.69         148.69         148.69         148.69         148.69         148.69         148.69         148.69         148.69         148.69         148.69         148.69         148.69         148.69         148.69         148.69         148.69         148.69         148.69         148.69         148.69         148.69         148.69         148.69 <th< td=""><td>-</td><td>Lanao.del Sur</td><td>0.70</td><td>178.95</td><td>84.45</td><td>4.40</td><td>6.50</td><td>275.00</td><td>0,00</td><td>12.00</td><td>119.53</td><td>00.00</td><td>31.20</td><td>162.73</td><td>0.70</td><td>190.95</td><td>203.98</td><td>4 40</td><td>37.70</td><td>437.73</td></th<>	-	Lanao.del Sur	0.70	178.95	84.45	4.40	6.50	275.00	0,00	12.00	119.53	00.00	31.20	162.73	0.70	190.95	203.98	4 40	37.70	437.73
2.46         353.47:         137.28:         4.40         16.57         523.28         0.00         -107.57         203.13         0.00         148.97         46.07         2.46         47.44         340.41         4.40         164.63           233.85         11377.95         2994.83         332.55         382.09         15341.26         1.23         216.73         46.06         766.61         5920.33         235.08         13545.72         397.95         1148.69	¥	Maguindanao	1.76	184.52	52.83	00.00	9.17	248.28	0.00	95.97	83.66	00.00	117.77	297.34	1.76	280.49	136.43	00:0	126.94	545.63
233.85 11377.95 2994.83 332.55 382.09 15341.26 1.23 2839.74 45.40 766.61 5920.33 235.08 13545.79 597.95 1148.69	4	Sub-total	2.46	363.47	137.28	07 7	15.67	523.28	0.00	107.97	203.13	00.00	148.97	460,07	2,46	471,44	340,41	4.40	164,64	983.35
	Study	y Area Total	233.85	11377.95	2994.83	352.55	382.09	15341.26	1.23	2167.35	2939.74	45.40	766.61	5920.33	235.08	13545.29	5934.57	397.95	1148 69	21261.59

Master Plan Study on Visayas and Mindanao Islands Strategic Road Network Development Project Road Length Summary by Number of Lanes per Road Functional Classification

	-				North-South	h Backbone.					East-Wes	t Lateral		
2	CO INC.	Frovince	4-18:00	2-lane	1-lane	O/O	impassable	Total	4-Jane	2-Jane	1-Jane	υC	Impassable	Total
Ļ		Marindadue	0.00	0.00	00.0	0.00	00:0	00.0	0.00	00'0	0.00	0.00	900	0.00
_		Occidental Mindoro	190	14.92	30.6	99.0	5.66	30.92	0.00	000	00'0	00.0	2,00	00 0
	0	Oriental Mindoro	000	169,58	35.26	00:0	9.44	214.38	000	10.90	6.75	0.00	000	17.65
_		Palawan	00.0	0.00	80.0	00.00	00:0	0.00	0.00	0.00	00.0	0.00	00'0	0.00
	'	Rombion	0.00	0.00	8.0	00:00	0.00	0.00	0.00	0.00	00'0	00.0	0.00	200
		Sub-total	19.0	124.60	44.32	99'0	15.10	245.30	000	10.90	6.75	0.00	000	17.63
L		Catanduanes	0.00	0.00	000	0.00	000	8	8	0.00	8.6	8 6	8 6	000
	<u> </u>	Masbate	00.00	000	00.0	000	0.00	00.0	800	0.00	3 2	00.0	80	000
l	1	Sun-total	8	00.0	8 8	3	300	20.0			٤	5	8	900
		Aktan	8 8	200	000	3 6	8 8	6 4	3 8	3.0	3.5	8 6	8 8	13.86
	:	Priori	3 8	20.00	\$ 8	3 5	300	98	8	84.25	283	186	8	3
_		4 4	3 2	2 2	18	00.0	180	63.82	000	53.58	243	8	8	8
:	5	Cincaras	8	000	000	000	8	000	83	0.0	000	8.0	8	00.0
	:	Negros: Occidental	22.87	287.60	000	90.0	00.00	316.50	8	46.04	0.0	8	8	46.04
		#OHO CITY	2.05	1.49	0.00	0.00	000	3,55	0.00	8	000	00:0	000	0.00
_		Sub-total	35.51	450.03	3.64	6.04	0.00	495.22	0.00	224.98	23.09	1.96	00'0	250.04
L	Γ	Bohol	00.0	188 78	0.70	00.0	00.0	189.48	0.00	75,17	8	2.57	0.0	77.75
		3	16,00	05.291	6,71	0.00	0.00	190.23	0,80	28.10	27.60	8	8	95 95
_	₹	Negros Onentai	0.40	103.65	90	0.50	0.00	2	8	20.64	8		8	28 35
		Siguijor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	80.0	0.0	00.0	00.0	0.00
		Sub-total	16.40	469.93	7.41	0.50	0.00	484.23	0.30	123.92	27.60	11.28	0.00	163.60
L	Ī	Leyte	00.0	114.45	00:0	0.83	00'0	115,29	000	35.89	13,16	8	12.88	<b>3</b>
	:	Southern Leyte	000	52.19	800	80	8	52 19	800	0.00	000	8	8	8
_	•	Bikran	800	8.6	8	0.00	80	8	0.00	8	8	8	8	000
_	<u>=</u>	Eastern Samer	080	8	0.0	000	8	8	2.78	36.39	2	81	8	75.59
		Northern Samer	8	28.97	80	0.00	0.00	28 97	80	986	22.84	8	8	12.50
		Western Samar	950	203.27	0.00	0.00	0.00	203,81	0.00	1.8	4.22	000	6.26	87.54
		Sub-total	0.54	398.89	3.00	0.83	0.00	400.26	2.78	74.43	74.25	0.00	13:14	20.072
		Zamboanga del Norte	0.00	0.00	000	0.00	0 0	000	000	8 5	2.75	0.00	9 8	5, 65
	 <u></u>	Zamboanga del Sur	900	316.37	8	3	900	192 113	900	104.71	4.17	1.89	00.0	107.77
1	1	mo-one	3					65 687	8	53.62	80	8	800	22.62
	•	Bukidhom	2 2	162.3	8 8	8 8	3:8	8	8 8	200	800	8	88	800
-	×	Micaroic Occidental	8	Sis	8	00.0	8	8	000	80	8	8.0	0.00	000
		Misamis Opental	17.17	225 82	90	0.10	000	243.08	80.0	000	00:0	0.00	0.00	000
	٠.	Sub-total	38.28	388,13	0.00	0.10	00.0	426.51	0.00	72.52	0.00	0.00	0.00	72.52
L	Ī	Dayso del Norte	125	104.91	080	000	.000	106.16	2.07	. 45.36	00'0	0.00	0.00	47 44
	:	Davao del Sur	0.31	48.38	00:0	27.16	0.00	75,85	0.00	29.47	8	80	8	29.47
		Davao Oriental	800	6	8	0.00	0.00	8	8	8	8	80	8.0	8: 6:
_	- -	South Cotabato	15.38	98.25	900	18.35	000	137.97	8	8	8	0.0	8	000
	•	Saranggani	8	8	80	36.69	8.5	38.69	8	8 8	88	8 6	8 8	8 6
	•	Cavao Crty	24.50	55.23	00.0	162.20	36	500.86	2.07	74.83	00.0	00.0	98.3	76.91
1	T	Lanao del Node	0.70	134 60	19.23	2.20	6.42	163.15	00.0	22.10	0.00	80.0	00.0	22.10
	5	North Cotabato	800	0.0	0.00	00:00	0.00	0.00	7.64	116,86	0.00	3,88	0.00	123.37
_		Sultan Kudarat	3.55	23.38	0,00	0.00	0.00	26.93	00:5	0.00	8	0.00	8	900
	•	Sub-total	4.25	157.98	19.23	2.20	6.42	190.08	2.62	138.96	000	3,88	0.00	145,47
Ľ		Agusan del Norte	<b>4.52</b>	114.69	0.00	1.52	8	120.74	8	000	00	8.8	000	8 8
		Agusan del Sur	8	136.03	0.00	00.0	0.00	136.03	8	54.63	36.39	8.6	8 6	20.00
	Ž.	Sungae del Norle	0.00	8 8	96.0	000	3 8	2 6	8 8	3	3.5	3 8	15.38	20.98
-	•	Sub-total	4 63	208.03		1.52	00.0	311.07	0.00	115.47	55.20	1.03	15.38	187.06
1	T	anac del Sur	00.0	35.20	19.70	4.40	00.0	06 65	0.70	34.05	30.50	00'0	6.50	71.75
4	ARMM	Machindadao	14.	17	000	000	000	115.85	00.0	8.73	00.0	0.0	0000	8.73
		Sub-total	1.41	149.64	19.70	4.40	00'0	175,15	0.70	42.78	30.50	0.00	6.50	80.48
L	Ů.	Study Area Total	133.42	3117.35	99.26	-179.45	21.52	3551.01	8.99	1080.56	221.55	20.03	10:14	1372.15

Master Plan Study on Visayas and Mindanao Islands Strategic Road Network Development Project Road Length Summary by Number of Lanes per Road Functional Classification

Region	Province		ď	er Roads of Str.	ategic Importa	900				THE REAL PROPERTY.	Secondary.		
2							1	1	2 (2.00	- Jane	17.	Immastable	Total
8/2		4-lane	2-lane	1-1806	ONC	HD#88#dml	100	4-1611		20,52	8		97. R.G.
, m	Marinduque	00'0	96.23	30.49	2.38	0.00	129.10	0.05		76.77	00.0	3 5	97.00
	Occidental Mindoro	0.24	181.20	31.62	1.09	12.00	226.15	000	14.63	83,73	0.19	12,33	110.88
	Oriental Mindoro	0	34.22	18.27	0.76	0.00	53.24	800	12,56	66.0	0.90	80	13.55
	Criemai minorio	3 8	100	94 010	2 8	5	537 70	0000	82.82	42.71	0.00	8	125.53
	Palawan	800	31,00	20.00	3 4	5	125.10	0.74	15.27	132.63	00.0	800	148.85
-1	Hombion	800	73.00	20.00	2 7	12.00	4074 24	0.79	130.77	337,38	0.19	12.33	481,47
1	Sub-total	0.24	\$53.30	390.04		300	200	2	12.24	25.48	900	600	82.83
	Catanduanes	8	5.15	108.22	8	318	7,77	3 5		8	20.0	20.40	174.2
J.	Masbate	0.00	106.23	2 4		200	12. 12.	9	177	754.54	1.07	20.40	217.49
	Sub-total	00.0	Z00,45	122.0	3.07	20.0	20.00	000	,	13.65	90	8	28 53
	Aklan	8	39.14	7.56	8 6	3 6	40.00	38	18	800	8	233	161.69
	Antique	8	2 2	7.07		8 8	182.59	000	8	00	80	8	8
	Capiz	2	20.00	8 6	3 8	8	182 59	3.38	365.27	96.15	8,52	8.0	473.59
5	Ojoj	8	182,59	81	3 8	8 6	15.67	3 6	2	28.82	980	000	83.97
	Gumaras	8 8	21.20	2:0	300	8 8	125 78	238	358 88	85.59	248	0.00	449.11
	Negros Occidental	9 6	2	200	8	800	000	8.82	16.70	0.00	0.00	0.00	25.52
	Sub-form	6.10	547.10	163.82	30.99	0.00	738.62	14.78	\$11.15	292.45	11.29	2.33	1232.61
T	Bohol	224	63.02	4.58	1.50	0.00	71.34	800	163.86	53.76	6.7	25.18	247.71
	i de	14,10	298.87	20 69	2.17	8.0	365.83	15.14	<b>88</b> .85	35.18	3.50	8	121.56
₹	Negros Onental	8.0	220.97	7.36	\$ P	8	226.61	000	20.12	8 6	8 8	8 8	2 5
اب	Siquior	0.0	71.63	800	3.49	90.0	613		000	20.00	3	36 36	110 11
٦	Sub-total	# 34	664.49	59.63	7	00.0	7.30	10.14	20.000	207	20.40	0,0	448.87
	Leyte	8	258.41	22	8	8	200.03	3	27.00	5	20.03	200	000
	Southern Leyte	96,0	56.29	8	18.46	8	24.75	8 8		201	9	3 3	132.00
	Biltran	800	8	8	800	8	000	000	2	201	9 8	000	25.4
Ē	Eastern Seman	8	162.03	<u>ج</u>	8	8	173.37	000	3 6	8 8	3 5	3 5	6.50
	Northern Samar	000	90.79	8	8 6	88	2 6	38	3 8	4 33	88	000	8
1	Western Commit	8 8	677.51	12.06	18.46	00.0	608.94	00.0	347.24	362.26	39.67	0.74	749.90
t	Zamboande del Morte	8	252.35	122.58	000	8,39	436.93	0.00	31.02	00'0	00'0	90'0	31.02
<u>×</u>	Zamboanda del Sur	8	62.10	7.31	000	00.0	69.40	0.00	80.25	80.0	1.24	0.00	\$1,46
	Sub-total	6.00	314.45	129.89	0.00	64.00	608,33	00'0	121.27	0.00	1.7	93.0	122.47
T	Bukidaon	00'0	45.05	000	000	000	45.05	2	273.57	26.28	ន	2.31	335.03
	Camptain	8	37.27	26.73	0.0	000	8	8 8	88	8 8	8 8	8 8	8 2
×	Misamis Occidental	<b>2</b> 18	131,71	8 8	9 8	8 8	23.50	282	2   2	20 6	1	88	117.16
.1	Misamis Onemai	4.1	214.03	26.73	0.36	00'0	242.30	12.20	431.37	79.39	2.00	2,31	527.27
†	The de Mark	8	900	900	000	90.0	80	1.20	139.11	55.20	3.78	0.00	199.28
	Develo del Sar	88	86.5	23	8	8	137.04	00.00	15.07	40.28	8	14.81	70.16
:	Davao Onenta	00	203,77	2	3.69	0.00	260.65	8	£5.43	27.42	0.00	0.00	75,85
×	South Cotabeto	10.46	14,56	800	8	00.0	25.01	7.	47,48	6.05	80	25	66,52
	Sarargoani	8	171.84	222	000	8	208.95	0010	8	4.82	88	27.98	200
	Davao City	8	000	00.00	8	0.00	0.90	1.36	27.876	78.61	3.75	24.07	442.51
1	20D-075	10.4	78.144	20,701	100	000	900	00.0	14.60	61.85	00'0	000	76,65
_	North Cotabato	8 8	103.86	38	2.70	00.0	106.36	1.08	250.95	53.75	1.10	63.88	370.75
÷	Sultan Kodarat	\$0.5	120.89	22	0.0	8,	154.94	1.74	25.58	0.00	00'0	0.00	27.30
۰.	Sub-total	5.06	224.65	22.00	2.70	7.90	261.30	2,82	291.31	115,60	1.10	63.14	474.70
	Agusan del Norte	00'0	1.05	3.14	00.0	0.00	4.19	1.45	60.07	21.42	8	<b>8</b>	108.62
	Agusan del Sur	00.0	0.00	000	8	80	900	000	29.42	75.17	8.8	9.50	2 2
.—. Ž	Sungao del Norte	8	51.03	10.76	1.71	8 6	63.50	0.29	19.10	70.35 20.55	9 0	78.9	102
+	Sundao del Sur	68.0	303.39	3.00	3.02	00.0	380.86	1.76	141 80	52.76	0.38	32.70	236.40
†	Sub-conf.	100	116 50	100	200	90 0	116.50	65 O	0.20	34.25	00:0	00:0	34,45
ARMM	Manumbanao	8 8	8	52.83	0.0	00:0	83.89	0.35	30.29	0.00	00'0	9.17	39.81
ـــــــــــــــــــــــــــــــــــــ	Sub-total	00.0	147.56	52.83	0.00	0.00	200.39	0.35	30.49	34,25	0.00	9.17	74.26
8	Study Area Total	40.33	4336.54	1103.18	10.77	159.36	5716.41	51.11	3003,34	1633.58	76.05	224.19	4988.27

#### Master Plan-Study on Visayas and Mindanao Islands Strategic Road Network Development Project Bridge Type Summary per Administrative Road Classification

ļ			Nationa	Road			Provinci	al Road		***	Tot	al	
Region	Province	Permaner	nt Bridge	Temporar	y Bridge	Permane	nt Bridge	Yempora	ry Bridge	Permane	nt Bridge	Temporar	ry Bridge
		No.	Length	No.	Length	No.	Length	No.	Length	No.	Length	No.	Length
	Marinduque	38	1422.85	13	252.10	0	0.00	0	0.00	38	1422.85	13	252.10
	Occidental Mindoro	48	3620.71	51	4050.20	28	1051.55	13	798.50	76	4672.26	64	4848.70
	Oriental Mindero	81	2503.10	17	801.60	21	765.10	5	409.50	102	3268.20	22	1211.10
IV-B	Palawan	136	4356.51	101	1847.40	6	156.01	7	34.00	142	4512.52	108	1881.40
	Rombion	58	1731.60	58	1044.49	3	110,30	9	159,08	61	1841.90	67	1203.57
-	Sub-total	361	13634.77	240	7995.79	58	2082.96	34	1401.08	419	15717.73	274	9396.87
	Masbate	29	1126.90	27	502.60	3	52.00	6	142.30	32	1178.90	33	644.90
v	Catanduanes	43	1738.50	27	866.80	9	303.20	.2	24.00	52	2041.70	29	899.80
ſ	Sub-total	72	2865.40	54	1369.40	12	355.20	8	166.30	84	3220.60	62	1535.70
	Aklan	34	1649.20	4	118.00	26	662.20	0	0.00	60	2311,40	4	118.00
.	Antique	76	3436.61	71	2885.00	3	48.00	0	0.00	79	3484.61	71	2885.00
	Capiz	66	2451.60	4 ]	148.90	8	205.50	1	30.00	74	2657.10	5	178.90
Vi	lioilo	129	5473.25	25	687.70	12	452.20	0	0.00	141	5925.45	25	687.70
Y'	Guimaras	7	258.00	11	205.80	0	0.00	0	0.00	. 7	258.00	11	205.80
· 1	Negros Occidental	210	6617.10	27	964.50	10	303,60	7	213.00	220	6920.70	34	1177.50
1	Iloito City	7	409.00	0	0.00	Ó	0.00	0	0.00	. 7	409.00	0	0.00
	Sub-total	529	20294.76	142	5009,90	59	1671.50	8	243.00	588	21966.26	150	5252.90
	Bohol	128	3432.45	18	283.55	5	127.65	20	388,05	133	3560.10	38	671.60
	Cebu	115	4151.10	24	511.27	30	822.30	37	601.30	145	4973.40	61	1112.57
Vit	Negros Oriental	126	4382.05	4	114.00	7	179.00	9	245.00	133	4561.05	13	359.00
	Siquijor	8	142 40	D	0.00	0 .	0.00	1	20.60	8	142.40	1	20.60
	Sub-total	377	12108.00	46	908.82	42	1128.95	67	1254.95	419	13236.95	113	2163,77
	Leyte	268	9389.25	121	2380.65	4	223.35	22	347,00	272	9612.60	143	2727.65
· ·	Southern Leyle	94	3332.22	68	1146.06	2	30.00	0	0.00	96	3362.22	68	1146.06
	Biliran	13	623.00	30	494.50	0	0.00	0	0.00	13	623.00	30	494.50
VIII	Eastern Samar	67	3147.59	43	1258,75	.0	0.00	6	61.50	67	3147.50	49	1320.25
1	Northern Samar	. 79	3149,65	0	0.00	23	710,05	1 .	220.00	102	3859.70	111	220.00
:	Western Samar	87	3246,00	3	36.00	13	307.55	20	439.00	100	3553.55	23 314	475.00 6383.46
	Sub-total	608	22887.62	265	5315.96	42	1270.95	49	1067.50	<b>650</b> 82	24158.57	38	939.60
	Zamboanga del Norte	81	4662.24	16	500.60	1	182,00	22	439.00 932.00	134	4844.24 4052.14	13	1175:10
IX	Zamboanga del Sur	125 206	3786.34	9 25	243.10 743.70	9 10	265.80 447.80	26	1371.00	216	8896.38	51	2114.70
	Sub-total		8448.58					1	20.00	82	2879.01	20	594.95
**	Bukidnon	. 80	2699.51	19	574.95	2	179.50 0.00		12.00	22	629.80	20	12.00
x	Camiguín	22	629.80	9	0.00 148.20	_	5,05	2	50.00	58	1668.40	10	198.20
^ !	Misamis Occidental	57 99	1663.35 5637.06	10	358.40	1 12	273.10	24	434.80	111	5910.16	34	793.20
· · · · · · · · · · · · · · · · · · ·	Misamis Oriental Sub-total	258	10629,72	38	1081.55	15	457.65	28	516.80	273	11087.37	- 66	1598.35
	Davao del Norte	65	2746.51	12	405.00	33	1025.00	26	598.20	98	3771.51	38	1003.20
	Davao del Sur	34	997.39	14	1159.00	5	174.00	. 3	174.00	39	1171.39	17	1333.00
	Davao Oriental	53	3332.01	32	675.00	· · · · · ·	0.00	0	0.00	53	3332.01	32	675.00
XI	South Cotabato	26	1306.20	9	183.30	3	76.80	3	85.00	29	1383.00	12	268.30
· · · · ·	Saranggani	38	1970.95	16	512.55	2 .	24.00	17	380.00	40	1994.95	33	892.55
	Davao City	21	1166.21	5	87.00	Ď	0.00	0	0.00	21	1166.21	5	87.00
	Sub-total	237	11519.27	88	3021.85	43	1299.80	49	1237.20	280	12819.07	137	4259.05
	Lanao del Norte	46	1829.84	11	276.00	5	67,60	21	538.00	51	1897,44	32	814.00
VIII	North Cotabato	78	2468.86	41	1252.69	3	90.00	4	107.00	81	2558.86	45	1359.69
XB :	Şullan Kudarat	21	616.75	54	947.00	19	859.78	24	505.00	40	1476,53	78	1452.00
· '	Sub-total	145	4915.45	106	2475.69	27	1017.38	49	1150.00	172	5932.83	155	3625.69
	Agusan del Norte	55	2611.09	7	198.30	4	279.57	14	750.50	59	2890 66	21	.948.80
	Agusan del Sur	66	2824.81	9	301.80	6	258.00	-27	1129.00	72	3082.81	36 -	1430.80
XIII	Surigao del Norte	48	1816,40	-6	185,30	- 11	293.12	47	1048.00	59	2109.52	53	1233 30
r	Surigao del Sur	73	3646.03	103	2330.35	0	0.00	2	41.00	73	3645.03	105	2371.35
ra a i	Sub-total	242	10898.33	125	3015.76	21	830.69	90	2968.60	263	11729.02	215	5984.25
	Lanao del Sur	34	1214.75	35	637.55	2	50.00	21	298.00	- 36	1264.75	56	935.55
ARMM	Maguindanao	35	1396.72	10	267.15	5	122:40	25	735.80	40	1519.12	35	1002.95
1	Sub-total	69	2611.47	45	904.70	7	172.40	46	1033.80	76	2783.87	91	1938.50
1													

#### Master Plan Study on Visayas and Mindanao Islands Strategic Road Network Development Project Bridge Type Summary for Arterial Roads

		P	North-South	Backbone			East-Wes	t Lateral		Other	Roads of Str	ategic Impo	rtance
Region	Province	Permaner	it Bridge	Tempora	ry Bridge	Permane	nt Bridge	Tempora	ry Bridge	Permane	nt Bridge	Tempora	y Bridge
		No.	Length	No.	Length	No.	Length	No.	Length	No.	Length	No.	Length
	Marinduque		0.00	0	0.60	0	0.00	0	0.00	34	1240.85	4	65.60
	Occidental Mindoro	3	144.10	0	0.00	G	0.00	0	0.00	57	3825.56	49	3375 2
ıv⋅B	Oriental Mindoro	60	1733.90	13	591.60	2	51.00	1	66,00	19	718.20	3	144.00
10.8	Palawan	0	0.00	0	0.00	. 0	0.00	0	0.00	129	4193.51	101	1847.4
	Rombion	0 1	0.00	0	0.00	O	0.00	0	0.00	40	1036.25	9	190 20
ı	Sub-total	63	1878.00	13	591.60	2	51.00	1	66.00	279	11014.37	166	5622.4
	Masbate	0	0.00	0	0.00	0	0.00	0	0.00	21	733.10	2	100.40
V	Catanduanes	· o	0.00	0	0.00	Ö	0.00	0 .	0.00	42	1713.50	12	437.00
. }	Sub-total	0	0.00	0	0.00	0	0.00	O	0.00	63	2446.60	14	537.40
	Aktan	25	1333,20	1	22.00	Ō	0.00	0	0.00	9	316.00	3	96.00
!	Antique	0	0.00	0	0.00	0	0.00	15	763.00	76	3436.61	- 56	2122.0
l	Capiz	14	563.30	0	0.00	27	841.50	0	0.00	25	1046.80	4	148.90
vı İ	lloilo	59	2439.45	16	364.00	10	637.50	Ö	0.00	34	1264.85	0	0.00
۱ ۱۷	Guimaras	o	0.00	0	0.00	0	0.00	0	0.00	7 :	258.00	11	205 80
į	Negros Occidental	85	3914.10	0	0.00	17	503.50	3	100.00	55	1112.50	. 4	48.00
	Italio City	o	0.00	0	0.00	0	0.00	Ó	0.00	0	0.00	0	0.00
ľ	Sub-total :	183	8250.05	17	385.00	54	1982.50	18	563,00	206	7434.76	78	2620.7
	Bohol	63	1748.20	2	18.20	17	399.85	1	9.20	18	465.90	0	0.00
	Cebu	31	1015.75	1	61.10	2	49.75	3	26.95	71	2983.05	35	624.40
VII	Negros Oriental	70	2045.25	O	0.00	· 9	229.70	1	9.00	47	2107.10	3	105.00
ł	Siguijor	0	0.00	0	0.00	0	0.00	o :	0.00	8	142.40	ŏ	0.00
1	Sub-total	164	4809.20	3	79.30	28	679.30	5	45.15	144	5698.45	38	729.40
	Leyte	47	1916,00	0	0.00	16	559,65	1	180.00	137	4506.90	. 25	535.00
1	Southern Leyte	32	1490.35	Ŏ	0.00	o ·	0.00	· · · · ·	0.00	- 55	1480.47	ő	0.00
- 1	Biliran	ō	0.00		0.00	0 -	0.00	ō	0.00	ő	0.00	ő	0.00
VIII į	Eastern Samar	0	0.00	ō	0.00	18	529.30	20	349.25	24	1499.45	23	909.50
-	Northern Samar	15	847.15	· · · · · · ·	0.00	26	793,10	ō	0.00	38	1509.40	0	0.00
- 1	Western Samar	55	2350.65	· · · · o	0.00	21	548,30	3	36.00	0	0.00	ō	0.00
[	Sub-total	149	6604.15	Ū.	0.00	81	2430.35	24	565.25	254	8996,22	48	1444.50
	Zamboanga del Norte	0	0.00	0	0.00	0	0.00	0	0.00	70	3838.79	15	428.60
3X	Zamboanga del Sur	89	2751.96	ō	0.00	4	105.12	ŏ	0.00	22	610.24	9	243.10
	Sub-total	89	2751.96	0	0.00	4	105,12	0	0.00	92	4449,03	24	671.70
$\neg$	Bukidnon	31	1323.75	1	45.75	2	53.45	0	0.00	0	0.00	2	64.05
	Camiquin	o l	0.00	ò	0.00	·õ	0.00	ŏ	0.00	22	629.80	0	0.00
-x ]	Misamis Occidental	ō	0.00	ŏ	0.00	ŏ	0.00	ő	0.00	45	1252.30	0	0.00
	Misamis Oriental	86	5062.18	o ·	0.00	Ŏ.	0.00	0	0.00	0	0.00	ŏ	0.00
	Sub-total	117	6385.93	1	45.76	2	53.45	0	0.00	67	1882.10	2	64.05
	Davao del Norte	24	1022.53	0	0.00	14	687.70	0	0.00	0	0.00	0	0.00
. [	Davao del Sur	13	406.90	. 0	0.00	13	329.00	·ő	0.00	. 7	235.99	9	749.00
	Davao Oriental	0 1	0.00	ő	0.00	ŏ	0.00	Ö	0.00	44	3080.35	27	564.00
ΧI	South Cotabato	11	487.70	ŏ	0.00	ŏ	0.00	- "o	0.00	10	669.30	0	0,00
	Saranggani	4	127,00	ō	0.00	Ö	0.00	٥	0.00	34	1843.95	16	512 5
	Davao City	21	1166 21	0 :	0.00	١ ŏ	0.00	- ŏ	0.00	0	0.00	0	. 0.00
- 1	Sub-total	73	3210.34	0	0.00	27	1016.70	ō.	0.00	95	5829.59	52	1825.5
	Lanao dei Norte	46	1829.84	6	93.00	0	0.00	0	0.00	0	0.00	0	0.00
ΧII	North Cotabato	0	0.00	0	0.00	30	685.51	ŏ	0.00	20	786.15	o o	0.00
All .	Sultan Kudarat	4	281.00	ō.	0.00	0 1	0.00	ľ	0.00	12	246.95	54	947.00
- 4	Sub-total	50	2110.84	6	93.00	30	685.61	Ö	0.00	32	1033.10	54	947.0
	Agusan del Norte	44	2169.07	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
	Agusan del Sur	38	1733.40	0 :	0.00	la	412.71	· 3	42.30	Ö	0.00	Ů	0.00
XIII	Surigao del Norte	25	775.61	Ö	0.00	0	0.00	0	0.00	19	847.66	5	166.7
	Surigao del Sur	ő	0.00	. 0	0.00	١٥	0.00	0	0.00	51	2860.73	93	
	Sub-total	107	4678.08	. 0	0.00	<u> </u>	412.71	3	42.30	70	3708.39	93 98	1753.2 1919,9
	Lanao del Sur	15	609.90		0.00	9	303.50	16	346,55				
ARMM	Maguindanao	19	992.60	1 .	9.00	2	23.95	0	0.00	11	258.35 122.00	14 6	226.0
	Sub-total	34	1602.50	1	9.00	11	327.45	16	346.55	15	380.35	20	105.1
							<del></del>	<del> </del>				7 . 7 . 7 . 1	331.1
S	itudy Area Total	1029	42281.05	41	1204.65	247	7744.09	67	1928.25	1317	52872.96	594	16713.

#### Master Plan Study on Visayas and Mindanao Islands Strategic Road Network Development Project Bridge Type Summary per Road Functional Classification

	Tota		······································	·
Permane	ridge	e Permaner	Temporary	Bridge
No.	ength	h No.	No.	Length
4	122.85	0 38	13	252 10
1	99.66	0 61	52	4200 20
Ö	503.10	81	17	801.60
7	356.51	136	101	1847.40
18	731.60	9 58	58	1044.49
30	013.72	79 374	241	8145.79
8	126.90	0 29	27	502.60
1 1	738.50	0 43	27	866,80
9	865.40	0 72	54	1369.40
1 0	549.20	34	4 .	118.00
ő	436.61	76	71	2885.0
0	451.60	66	4	148.90
26	473,25	0 129	25	687.70
0	58,00	ř   7	11	205.80
53	617,10	0 210	27	964.50
7	09.00	7	o	0.00
86	294.76	20 529	142	5009,9
30	432.45	5 128	18	283.55
19	416.65	2 123	44	758.37
0	382.05	126	4	114.00
Ö	142.40	8	o i	0.00
49	373.55	7 385	66	1155.9
	389.25	65 268	121	2380.6
68	332.22	06 94	68	1146.0
7 13	332.22	50 13	30	494.50
	147.50	67	43	1258.7
25	149.65	79	0	0.00
0	246.00	87	3	36.00
11	2887.62	21 608	265	5315.9
124	662.24	00 81	18	540.60
11	786.34	125	9	243.10
10	448.58	00 206	27	783.70
			19	574.95
47	699.51	15 80		0.00
0	529.80	22	. 9	
12	663.35	20 57		148.20
13	637.06	40 99	10	358.40
. 72	0629.72	75 258	38	1081.5
27	746.51	00 65	12	405.00
1	997.39	00 34	14	1159.0
9	332.01	00 53	32	675.00
5	306.20	30. 26	9	183.30
0	970.95	0 38	. 16	512.5
. 0	166.21	0 21	5	87.00
42	1519.27	30 237	88	3021.8
0	829.84	00 46	. 11	276.0
. 28	468.86	,69 78	25	: 1107.6
. 5	616.75	0 21	54.	947.0
33	915.45	.69 145	90	2330.6
11	611.09	30 55	7	198.3
20	2824.81	50 66	9	301.8
- 4	1816.40	50 48	6	185.3
22	3646,03	10 73	103	2330.
57	0898.33	.50 242	125	3015.
1	264.75	00 36	35	637.5
10	1396,72	00 35	10	267.1
11	2661.47	00 71	45	904.7
	1557 97	D E4 2127	1181	32135
4	0 534 18609.77 479 12288.51 3127 12	0 534 18609.77 479 1228	0 534 18609.77 479 12288.51 3127 121507.87	0 534 18809.77 479 12288.51 3127 121507.87 1181

Condition of Permanent Bridges in National Roads

Region	Province		nanent idge	Permaner Requiring M	-	Permanent Br Major Repair /	idge Requiring Reconstruction
~	ļ .	No.	Length	No.	Length	No.	Length
	Marinduque	38	1422.85	4	103.40	0	0.00
1	Occidental Mindoro	48	3620.71	8	918.10	5	205.70
1	Oriental Mindoro	81	2503.10	23	463,65	4	79.80
IV-B	Palawan	136	4356.51	52	1640.46	3	233.70
	Romblon	58	1731.60	16		6	i
-	Sub-total	361	13634.77	103	556.60	18	190.45
					3682.21		709.65
v	Masbate	29	1126.90	6	162.95	0	0.00
ν.	Catanduanes	43	1738.50	5	222.30	5	120.80
	Sub-total	72	2865.40	11	385.25	5	120.80
. [	Aklan	34	1649.20	5	615.00	- 4	69.00
	Antique	76	3436,61	9 '	380.30	6	148.40
	Capiz	66	2451.60	7	302.00	18	524.00
VI	lloilo [	129	5473.25	50	1790.00	14	692.90
	Guimaras	7	258.00	0	0.00	0	0.00
	Negros Occidental	210	6617.10	13	667.70	9	410.70
	Iloilo City	7	409.00	1	35.00	2	241.00
- 1	Sub-total	529	20294.78	85	3790.00	53	2086.00
	Bohol	128	3432.45	1	23,80	1	11.85
	Cebu	115	4151.10	2	91.45	0	0.00
VII	Negros Oriental	126	4382,05	4	346.00	0	0.00
	Siquijor	8	142.40	o l	0.00	Ö	0.00
	Sub-total	377	12108.00	7	461.25	1	11.85
	Leyte	268	9389.25	87	3233.35	23	
	Southern Leyte	94	3332.22	26	and the second of the second of the second		939,90
1	Biliran	13			1472.05	6	140.90
VIII	Eastern Samar		623.00	3	89.65	0	0.00
VIII		67	3147.50	13	600.10	17	1062.35
	Northern Samar	79	3149.65	6	209.85	8	650.65
-	Western Samar	87	3246.00	38	1436.60	20	917.60
	Sub-total	608	22887.62	173	7041.60	7.4	3711.40
100	Zamboanga del Norte	81	4662.24	4	237.90	5	215.00
IX	Zamboanga del Sur	125	3786.34	59	1695.15	1	6.00
	Sub-total	206	8448.58	63	1933.05	6	221.00
	Bukidnon	. 80	2699.51	6	230.45	1	49.90
	Camiguin	22	629.80	2	51.00	0	0.00
Х	Misamis Occidental	57	1663.35	15	443.00	6	183,10
	Misamis Oriental	99	5637.06	40	2817.82	1	30.00
	Sub-total	258	10629.72	63	3542.27	8	263.00
	Davao del Norte	65	2746.51	2	43.00	0	0.00
	Davao del Sur	34	997.39	2	40.00	0	0.00
	Davao Oriental	53	3332.01	1	45.00	0	0.00
ΧI	South Cotabato	26	1306.20	0	0.00	0	0.00
.	Saranggani	38	1970,95	ŏ	0.00	0	0.00
l	Davao City	21	1166.21	ŏ	0.00	0	0.00
1	Sub-total	237	11519.27	5	128,00	o	0.00
	Lanao del Norte	46	1829.84	5	371.90	<del></del>	
	North Cotabato	78	2468.86			1	62.52
XII	Sultan Kudarat	21	616.75	32	947.60	2	49.13
ŀ	Sub-total	145	4915.45	0	0.00	3	72.80
	Agusan del Norte	~~~		37	1319,50	6	184.45
	Agusan del Sur	55 ee	2611.09	32	1589.84	1	12.00
XIII	•	66	2824.81	0	0.00	0	0.00
7111	Surigao del Norte	48	1816.40	22	680.68	0	0.00
}.	Surigao del Sur	73	3646.03	34	1723.80	6	627.00
	Sub-total	242	10898.33	88	3994.32	7	639.00
	Lanao del Sur	34	1214.75	1	83.00	1	45.00
ARMM	Maguindanao	35	1396.72	11	450.17	10	499.35
	Sub-total	69	2611.47	12	533.17	11	544.35
	tudy Area Total	2404					<u> </u>
3	wwy mied i Uldi	3104	120813.37	647.	26810.62	189	8491.50

#### Master Plan Study on Visayas and Mindanao Islands Strategic Road Network Development Project Condition of Permanent Bridges in Provincial Roads

Permanent Bridge Requiring Permanent Bridge Permanent Major Repair / Reconstruction Requiring Minor Repair Province Bridge Region No. Length No. Length ñ 0.00 0.00 0 0.00 Marinduque 0 0.00 276.00 1051.55 8 28 Occidental Mindoro 158.30 239.50 2 8 765.10 Oriental Mindoro 21 IV-B 0.00 76.00 0 3 156.01 6 Palawan 0 0.00 96.00 110.30 Romblon 158.30 687.50 21 2082.96 58 Sub-total 12.00 0 0.00 1 52.00 Masbate 3 0.00 167.00 0 3 Ý Catanduanes 9 303.20 12.00 167.00 3 12 355.20 Sub-total 0.00 n 62.00 662.20 26 Aklan 0.00 0.00 0 48.00 0 Antique 3 153.50 0.00 5 0 8 205 50 Capiz 2 58.30 0.00 12 452.20 Ω lloito VΙ 0.00 0 0 0.00 0.00 0 Guimaras 7,00 303,60 0.00 1 Negros Occidental 10 0.00 0,00 lloilo City 0.00 62.00 218.80 5 59 1671.50 Sub-total 0.00 0 127.65 Ö 0.00 5 Bobol 27.00 65.00 1 2 30 822 30 Cébu 0 0.00 0.00 n VİΙ 7 179.00 Negros Oriental 0.00 0 0.00 0.00 0 Siguijor 1 27.00 1128.95 2 65.00 42 Sub-total 150.85 2 44 50 223 35 Leyle 4 0 0.00 0.00 0 Southern Leyte 2 30.00 0.00 0 0.00 0 0.00 0 Biliran 0.00 o 0 0.00VIII 0.00 Eastern Samar 0 0 0.00 45.00 710.05 Northern Samar 23 29.80 64.00 307.55 Western Samar 13 259.85 74.30 42 1270,95 3 Sub-total 0.00 182.00 Ō 0.00 n 1 Zamboanga del Norte 0.00 89.60 265 80 ΙX Zamboanga del Sur q Ö 0.00 89.60 Sub-total 10 447,80 3 0.00 179.50 Ö 0.00 n 2 Bukidnon 0.00 0.00 0 0.00 Camiguin 0 0 0.00 0 00 0. 5.05 Х Misamis Occidental 1 0.00 19.40 Misamis Oriental 12 273.10 0.00 19.40 0 457.65 1 Sub-total 15 78.00 0 0.00 2 1025.00 33 Davao del Norte 0.00 0 o nn 0 174.00 Davao del Sur 5 0.00 0 0.00 0 Davao Oriental 0 0.00 0.00 0 0.00 XI. South Cotabato 3 76.80 0 0.00 0 0.00 0 24.00 Saranggani 2 0.00 0.00 ٥ 0 0.00 Davao City n 78.00 0.00 1299.80 0 Sub-total 43 ō 0.00 67.60 O 0.00 5 Lango del Node 0.00 0 0.00 0 3 90.00 North Cotabato XII 26,00 12.00 859.78 Sultan Kudarat 19 12.00 26.00 Sub-total 27 1017.38 1 0.00 ō 0.00 0 Agusan del Norte 4 279.57 ត កាត 28.00 Ð 258.00 1 Agusan dei Sur ĥ 49.90 0 0.00 XIII Surigao del Norte 11 293.12 0.00 0.00 0.00 n Surigao del Sur 49.90 28.00 1 21 830.69 4 Sub-total 0.00 0 0.00 ō 50.00 Lanao del Sur 2 0 ' 0.00 0.00 ARMM 122.40 0 Maguindanao 0.00 0 0.00 172.40 0 Sub-total 7 630.30 1404.35 40 336 10735.28 Study Area Total

Condition of Permanent Bridges in North-South Backbone Roads

VI N N Za Za Za X M	Marinduque Occidental Mindoro Oriental Mindoro Palawan Romblon Sub-total Masbale Catanduanes Sub-total Aklan Antique Capiz Iloilo Guimaras Negros Occidental Iloilo City Sub-total Bohol Cebu Negros Oriental Siquijor Sub-total Leyte Southern Leyte Biliran Eastern Samar Northern Samar Western Samar Sub-total	Brid No.  0 3 60 0 0 0 63 0 0 0 0 25 0 14 59 0 85 0 183 63 31 70 0 154 47 32 0 0 15 55	Length  0.00 144.10 1733.90 0.00 0.00 0.00 1878.00 0.00 0.00 1333.20 0.00 563.30 2439.45 0.00 3914.10 0.00 8250.05 1748.20 1015.75 2045.25 0.00 4809.20 1916.00 1490.35 0.00 0.00 847.15 2350.65	Requiring M No.  0 2 21 0 0 23 0 0 0 4 0 1 22 0 6 0 33 0 0 3 27 16 0 0 3 29	Length  0.00 120.10 304.65 0.00 0.00 0.00 424.75 0.00 0.00 515.00 0.00 27.00 748.15 0.00 354.00 0.00 1644.15 0.00 310.00 0.00 310.00 1162.45 900.95 0.00 79.05	Major Repair / No.  0 0 4 0 0 4 0 0 0 0 3 0 5 4 0 0 0 12 1 0 0 1 5 3 0 0 5 5 4 0 0 0 5 5 4 0 0 0 5 5 6 6 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	Reconstruction Length  0.00 0.00 79.80 0.00 0.00 79.80 0.00 0.00 0.00 0.00 63.00 0.00 149.00 239.20 0.00 0.00 451.20 11.85 0.00 0.00 11.85 238.60 74.80 0.00 0.00 404.55
VI N N VIII VIII X Za Za X M	Occidental Mindoro Oriental Mindoro Palawan Romblon Sub-total Masbate Catanduanes Sub-total Aklan Antique Capiz Iloilo Gytimaras Negros Occidental Iloilo City Sub-total Bohol Cebu Negros Oriental Siquijor Sub-total Leyte Southern Leyte Biliran Eastern Samar Northern Samar Western Samar	No.  0 3 60 0 0 0 63 0 0 0 25 0 14 59 0 85 0 183 63 31 70 0 164 47 32 0 0 15 55	Length  0.00 144.10 1733.90 0.00 0.00 0.00 1878.00 0.00 0.00 1333.20 0.00 563.30 2439.45 0.00 3914.10 0.00 8250.05 1748.20 1015.75 2045.25 0.00 4809.20 1916.00 1490.35 0.00 0.00 847.15 2350.65	No.  0 2 21 0 0 23 0 0 0 4 0 1 22 0 6 0 3 3 0 0 3 27 16 0 0 3 29	Length  0.00 120.10 304.65 0.00 0.00 0.00 424.75 0.00 0.00 515.00 0.00 27.00 748.15 0.00 354.00 0.00 1644.15 0.00 310.00 0.00 310.00 1162.45 900.95 0.00 79.05	No.  0 0 4 0 0 4 0 0 0 3 0 5 4 0 0 0 12 1 0 0 0 1 5 3 0 0 5 5 4 0 0 0 5 6 6 7 7 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	Length  0.00 0.00 79.80 0.00 0.00 79.80 0.00 0.00 0.00 0.00 0.00 149.00 239.20 0.00 0.00 451.20 11.85 0.00 0.00 11.85 238.60 74.80 0.00 0.00
VI N N VIII VIII X Za Za X M	Occidental Mindoro Oriental Mindoro Palawan Romblon Sub-total Masbate Catanduanes Sub-total Aklan Antique Capiz Iloilo Gytimaras Negros Occidental Iloilo City Sub-total Bohol Cebu Negros Oriental Siquijor Sub-total Leyte Southern Leyte Biliran Eastern Samar Northern Samar Western Samar	3 60 0 0 63 0 0 0 25 0 14 59 0 85 0 183 63 31 70 0 164 47 32 0 0	144.10 1733.90 0.00 0.00 0.00 1878.00 0.00 0.00 0.00 1333.20 0.00 563.30 2439.45 0.00 3914.10 0.00 8250.05 1748.20 1015.75 2045.25 0.00 4809.20 1916.00 1490.35 0.00 0.00 847.15	2 21 0 0 23 0 0 0 0 4 0 1 22 0 6 0 0 3 3 0 0 0 3 3 0 0 0 0 3 3 0 0 0 0	0.00 120.10 304.65 0.00 0.00 424.75 0.00 0.00 515.00 0.00 27.00 748.15 0.00 354.00 0.00 1644.15 0.00 310.00 310.00 1162.45 900.95 0.00 79.05	0 4 0 0 0 4 0 0 0 0 3 0 5 4 0 0 0 0 0 0 12 1 0 0 0 0 0 0 0 0 0 0 0	0.00 79.80 0.00 0.00 0.00 0.00 0.00 0.00 63.00 0.00 149.00 239.20 0.00 0.00 451.20 11.85 0.00 0.00 11.85 238.60 74.80 0.00 0.00
VI N N VIII VIII X Za Za X M	Occidental Mindoro Oriental Mindoro Palawan Romblon Sub-total Masbate Catanduanes Sub-total Aklan Antique Capiz Iloilo Gytimaras Negros Occidental Iloilo City Sub-total Bohol Cebu Negros Oriental Siquijor Sub-total Leyte Southern Leyte Biliran Eastern Samar Northern Samar Western Samar	60 0 0 63 0 0 0 0 25 0 14 59 0 85 0 183 63 31 70 0 164 47 32 0 0 15 55	1733.90 0.00 0.00 1878.00 0.00 0.00 0.00 0.00 0.00 1333.20 0.00 563.30 2439.45 0.00 3914.10 0.00 8250.05 1748.20 1015.75 2045.25 0.00 4809.20 1916.00 1490.35 0.00 0.00 847.15	2 21 0 0 23 0 0 0 0 4 0 1 22 0 6 0 0 3 3 0 0 0 3 3 0 0 0 0 3 3 0 0 0 0	304.65 0.00 0.00 424.75 0.00 0.00 515.00 0.00 27.00 748.15 0.00 354.00 0.00 310.00 0.00 310.00 1162.45 900.95 0.00 79.05	4 0 0 0 4 0 0 0 0 5 4 0 0 0 0 0 12 1 0 0 0 0 0 0 0 0 0 0 0 0	79.80 0.00 0.00 79.80 0.00 0.00 0.00 0.00 0.00 149.00 0.00 0.00 0.00 451.20 11.85 0.00 0.00 0.00 11.85 238.60 74.80 0.00 0.00
VI N VII VIII X Za Za X M	Oriental Mindoro Palawan Romblon Sub-total Masbate Catanduanes Sub-total Aklan Antique Capiz Iloilo Guimaras Negros Occidental Iloilo City Sub-total Bohol Cebu Negros Oriental Siquijor Sub-total Leyte Southern Leyte Biliran Eastern Samar Northern Samar Western Samar	0 0 63 0 0 0 25 0 14 59 0 85 0 183 63 31 70 0 154 47 32 0	0.00 0.00 1878.90 0.00 0.00 0.00 0.00 1333.20 0.00 563.30 2439.45 0.00 3914.10 0.00 8250.05 1748.20 1015.75 2045.25 0.00 4809.20 1916.00 1490.35 0.00 0.00 847.15 2350.65	21 0 0 23 0 0 0 0 4 0 1 22 0 6 0 3 3 0 0 3 0 0 3 0 0 0 6 0 0 1 22 0 6 0 0 0 0 0 0 0 0 0 0 0 0 0	0.00 0.00 424.75 0.00 0.00 0.00 515.00 0.00 27.00 748.15 0.00 354.00 0.00 1644.15 0.00 310.00 0.00 310.00 1162.45 900.95 0.00 0.00 79.05	0 0 0 4 0 0 0 0 3 0 5 4 0 0 0 0 0 12 1 1 0 0 0	0.00 0.00 79.80 0.00 0.00 0.00 0.00 63.00 0.00 149.00 239.20 0.00 0.00 451.20 11.85 0.00 0.00 11.85 238.60 74.80 0.00 0.00
VIII VIII XX XX M	Romblon Sub-total Masbate Catanduanes Sub-total Aklan Antique Capiz Iloilo Guimaras Negros Occidental Iloilo City Sub-total Bohol Cebu Negros Oriental Siquijor Sub-total Leyte Southern Leyte Biliran Eastern Samar Northern Samar Western Samar	0 0 63 0 0 0 25 0 14 59 0 85 0 183 63 31 70 0 154 47 32 0	0.00 1878.00 0.00 0.00 0.00 0.00 1333.20 0.00 5653.30 2439.45 0.00 3914.10 0.00 8250.05 1748.20 1015.75 2045.25 0.00 4809.20 1916.00 1490.35 0.00 0.00 847.15 2350.65	0 23 0 0 0 0 0 1 1 222 0 6 6 0 0 33 0 0 3 27 16 0 0 3 3 29	0.00 424.75 0.00 0.00 0.00 515.00 0.00 27.00 748.15 0.00 354.00 0.00 1844.15 0.00 310.00 0.00 310.00 1162.45 900.95 0.00 79.05	0 4 0 0 0 3 0 5 4 0 0 0 0 0 12 1 0 0 0 0 1 1 5 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.00 79.80 0.00 0.00 0.00 0.00 63.00 0.00 149.00 239.20 0.00 0.00 451.20 11.85 0.00 0.00 11.85 238.60 74.80 0.00 0.00
VII N	Romblon Sub-total Masbate Catanduanes Sub-total Aklan Antique Capiz Iloilo Guimaras Negros Occidental Iloilo City Sub-total Bohol Cebu Negros Oriental Siquijor Sub-total Leyte Southern Leyte Biliran Eastern Samar Northern Samar Western Samar	0 63 0 0 0 25 0 14 59 0 85 0 183 63 31 70 0 154 47 32 0	0.00 1878.00 0.00 0.00 0.00 0.00 1333.20 0.00 5653.30 2439.45 0.00 3914.10 0.00 8250.05 1748.20 1015.75 2045.25 0.00 4809.20 1916.00 1490.35 0.00 0.00 847.15 2350.65	23 0 0 0 4 0 1 22 0 6 0 33 0 0 3 0 3 0 3 0 0 3 0 0 3 0 0 0 0 0 0 0 0 0 0 0 0 0	424.75 0.00 0.00 0.00 515.00 0.00 27.00 748.15 0.00 354.00 0.00 1644.15 0.00 310.00 0.00 310.00 1162.45 900.95 0.00 79.05	4 0 0 0 3 0 5 4 0 0 0 0 12 1 0 0 0 1 5 3 0 0 0 0 0 0 0 0 0 0 0 0 0	0.00 79.80 0.00 0.00 0.00 0.00 63.00 0.00 149.00 239.20 0.00 0.00 451.20 11.85 0.00 0.00 11.85 238.60 74.80 0.00 0.00
VII N	Sub-total  Masbate Catanduanes Sub-total  Aklan Antique Capiz Iloilo Guimaras Negros Occidental Iloilo City Sub-total Bohol Cebu Negros Oriental Siquijor Sub-total Leyte Biliran Eastern Samar Northern Samar Western Samar	63 0 0 0 25 0 14 59 0 85 0 183 63 31 70 0 164 47 32 0 0 15 55	1878.00 0.00 0.00 0.00 1333.20 0.00 563.30 2439.45 0.00 3914.10 0.00 8250.05 1748.20 1015.75 2045.25 0.00 4809.20 1916.00 1490.35 0.00 0.00 847.15 2350.65	23 0 0 0 4 0 1 22 0 6 0 33 0 0 3 0 3 0 3 0 0 3 0 0 3 0 0 0 0 0 0 0 0 0 0 0 0 0	424.75 0.00 0.00 0.00 515.00 0.00 27.00 748.15 0.00 354.00 0.00 1644.15 0.00 310.00 0.00 310.00 1162.45 900.95 0.00 79.05	4 0 0 0 3 0 5 4 0 0 0 0 12 1 0 0 0 1 5 3 0 0 0 0 0 0 0 0 0 0 0 0 0	79.80 0.00 0.00 0.00 63.00 0.00 149.00 239.20 0.00 0.00 451.20 11.85 0.00 0.00 11.85 238.60 74.80 0.00
VII N	Masbate Catanduanes Sub-total Aklan Antique Capiz Iloilo Guimaras Negros Occidental Iloilo City Sub-total Bohol Cebu Negros Oriental Siquijor Sub-total Leyte Biliran Eastern Samar Northern Samar Western Samar Sub-total	0 0 0 25 0 14 59 0 85 0 183 63 31 70 0 164 47 32 0 0	0.00 0.00 0.00 1333.20 0.00 563.30 2439.45 0.00 3914.10 0.00 8250.05 1748.20 1015.75 2045.25 0.00 4809.20 1916.00 1490.35 0.00 0.00 847.15 2350.65	0 0 0 4 0 1 22 0 6 0 0 33 0 0 3 0 3 27 16 0 0 3 22 0 0 3	0.00 0.00 0.00 515.00 0.00 27.00 748.15 0.00 354.00 0.00 1644.15 0.00 310.00 310.00 1162.45 900.95 0.00 79.05	0 0 0 3 0 5 4 0 0 0 0 0 12 1 0 0 0 0 1 1 5 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.00 0.00 0.00 63.00 0.00 149.00 239.20 0.00 0.00 451.20 11.85 0.00 0.00 0.00 11.85 238.60 74.80 0.00
VII N	Catanduanes Sub-total Aklan Antique Capiz Iloilo Guimaras Negros Occidental Iloilo City Sub-total Bohol Cebu Negros Oriental Siquijor Sub-total Leyte Biliran Eastern Samar Northern Samar Western Samar Sub-total	0 0 25 0 14 59 0 85 0 183 63 31 70 0 164 47 32 0 0	0.00 0.00 1333.20 0.00 563.30 2439.45 0.00 3914.10 0.00 8250.05 1748.20 1015.75 2045.25 0.00 4809.20 1916.00 1490.35 0.00 0.00 847.15 2350.65	0 0 4 0 1 222 0 6 0 33 0 0 3 0 3 27 16 0 0 3 3	0.00 0.00 515.00 0.00 27.00 748.15 0.00 354.00 0.00 1644.15 0.00 0.00 310.00 0.00 310.00 1162.45 900.95 0.00 79.05	0 0 3 0 5 4 0 0 0 0 12 1 0 0 0 0 1 1 5 1 0 0 0 0 0	0.00 0.00 63.00 0.00 149.00 239.20 0.00 0.00 451.20 11.85 0.00 0.00 11.85 238.60 74.80 0.00 0.00
VII N	Sub-total Aklan Antique Capiz Iloilo Guimaras Negros Occidental Iloilo City Sub-total Bohol Cebu Negros Oriental Siquijor Sub-total Leyte Southern Leyte Biliran Eastern Samar Northern Samar Western Samar Sub-total	0 25 0 14 59 0 85 0 183 63 31 70 0 164 47 32 0 0	0.00 1333.20 0.00 563.30 2439.45 0.00 3914.10 0.00 8250.05 1748.20 1015.75 2045.25 0.00 4809.20 1916.00 1490.35 0.00 0.60 847.15 2350.65	0 4 0 1 22 0 6 0 33 0 0 3 0 3 27 16 0 0 3 3	0.00 515.00 0.00 27.00 748.15 0.00 354.00 0.00 1644.15 0.00 0.00 310.00 0.00 310.00 1162.45 900.95 0.00 0.00 79.05	0 3 0 5 4 0 0 0 0 12 1 0 0 0 0 1 1 5 3 0 0 0	0.00 63.00 0.00 149.00 239.20 0.00 0.00 451.20 11.85 0.00 0.00 11.85 238.60 74.80 0.00 0.00
VIII  VIII  IX Za  X M	Aklan Antique Capiz Iloilo Guimaras Negros Occidental Iloilo City Sub-total Bohol Cebu Negros Oriental Siquijor Sub-total Leyte Southern Leyte Biliran Eastern Samar Northern Samar Western Samar Sub-total	25 0 14 59 0 85 0 183 63 31 70 0 164 47 32 0 0 15 55	1333.20 0.00 563.30 2439.45 0.00 3914.10 0.00 8250.05 1748.20 1015.75 2045.25 0.00 4809.20 1916.00 1490.35 0.00 0.00 847.15 2350.65	4 0 1 22 0 6 0 3 3 0 0 3 0 3 27 16 0 0 3 27	515.00 0.00 27.00 748.15 0.00 354.00 0.00 1644.15 0.00 0.00 310.00 0.00 310.00 1162.45 900.95 0.00 0.00 79.05	3 0 5 4 0 0 0 0 12 1 0 0 0 0 1 1 5 3 0 0	63.00 0.00 149.00 239.20 0.00 0.00 0.00 451.20 11.85 0.00 0.00 0.00 11.85 238.60 74.80 0.00 0.00
VIII  VIII  X Za  X M	Antique Capiz Iloilo Guimaras Negros Occidental Iloilo City Sub-total Bohol Cebu Negros Oriental Siquijor Sub-total Leyte Southern Leyte Biliran Eastern Samar Northern Samar Western Samar	0 14 59 0 85 0 183 63 31 70 0 154 47 32 0 0	0.00 563.30 2439.45 0.00 3914.10 0.00 <b>8250.05</b> 1748.20 1015.75 2045.25 0.00 <b>4809.20</b> 1916.00 1490.35 0.00 0.00 847.15	0 1 22 0 6 0 33 0 0 3 0 3 27 16 0 0 3 27	0.00 27.00 748.15 0.00 354.00 0.00 1644.15 0.00 310.00 310.00 1162.45 900.95 0.00 79.05	0 5 4 0 0 0 0 12 1 0 0 0 0 1 5 3 0 0	0.00 149.00 239.20 0.00 0.00 0.00 451.20 11.85 0.00 0.00 0.00 11.85 238.60 74.80 0.00
VIII  VIII  X  X  X	Capiz Iloilo Guimaras Negros Occidental Iloilo City Sub-total Bohol Cebu Negros Oriental Siquijor Sub-total Leyte Southern Leyte Biliran Eastern Samar Northern Samar Western Samar	14 59 0 85 0 183 63 31 70 0 154 47 32 0 0	563,30 2439,45 0,00 3914,10 0,00 8250,05 1748,20 1015,75 2045,25 0,00 4809,20 1916,00 1490,35 0,00 0,00 847,15 2350,65	1 22 0 6 0 33 0 0 3 0 3 0 3 27 16 0 0 3	27.00 748.15 0.00 354.00 0.00 1644.15 0.00 0.00 310.00 0.00 316.00 1162.45 900.95 0.00 0.00 79.05	5 4 0 0 0 12 1 0 0 0 1 1 5 3 0 0	149.00 239.20 0.00 0.00 0.00 451.20 11.85 0.00 0.00 11.85 238.60 74.80 0.00 0.00
VIII  VIII  X  X  X	Iloilo Guimaras Negros Occidental Iloilo City Sub-total Bohol Cebu Negros Oriental Siquijor Sub-total Leyte Southern Leyte Biliran Eastern Samar Northern Samar Western Samar	59 0 85 0 183 63 31 70 0 154 47 32 0 0 15 55	2439.45 0.00 3914.10 0.00 <b>8250.05</b> 1748.20 1015.75 2045.25 0.00 4809.20 1916.00 1490.35 0.00 0.00 847.15 2350.65	22 0 6 0 33 0 0 3 0 3 27 16 0 0 3 27	748.15 0.00 354.00 0.00 1644.15 0.00 0.00 310.00 0.00 310.00 1162.45 900.95 0.00 0.00 79.05	4 0 0 0 12 1 0 0 0 1 5 3 0 0 5	239.20 0.00 0.00 0.00 451.20 11.85 0.00 0.00 11.85 238.60 74.80 0.00 0.00
VIII  VIII  X  X  X	Guimaras Negros Occidental Iloilo City Sub-total Bohol Cebu Negros Oriental Siquijor Sub-total Leyte Southern Leyte Biliran Eastern Samar Northern Samar Western Samar	0 85 0 183 63 31 70 0 164 47 32 0 0 0	0.00 3914.10 0.00 <b>8250.05</b> 1748.20 1015.75 2045.25 0.00 4809.20 1916.00 1490.35 0.00 0.00 847.15	0 6 0 333 0 0 3 0 3 27 16 0 0 3 29	0.00 354.00 0.00 1644.15 0.00 0.00 310.00 0.00 310.00 1162.45 900.95 0.00 0.00 79.05	0 0 0 12 1 0 0 0 1 5 3 0 0 5	0.00 0.00 0.00 451.20 11.85 0.00 0.00 11.85 238.60 74.80 0.00 0.00
VIII  VIII  IX  Za Zz	Negros Occidental Iloilo City Sub-total Bohol Cebu Negros Oriental Siquijor Sub-total Leyte Southern Leyte Biliran Eastern Samar Northern Samar Western Samar Sub-total	85 0 183 63 31 70 0 164 47 32 0 0 0 15 55	3914.10 0.00 8250.05 1748.20 1015.75 2045.25 0.00 4809.20 1916.00 1490.35 0.00 0.00 847.15 2350.65	6 0 33 0 0 3 0 3 27 16 0 0 3 29	354.00 0.00 1644.15 0.00 0.00 310.00 0.00 310.00 1162.45 900.95 0.00 0.00 79.05	0 0 12 1 0 0 0 1 5 3 0 0 0 5	0.00 0.00 451,20 11.85 0.00 0.00 0.00 11.85 238.60 74.80 0.00
VIII  VIII  3X Za Zz	Iloilo City Sub-total Bohol Cebu Negros Oriental Siquijor Sub-total Leyte Southern Leyte Biliran Eastern Samar Northern Samar Western Samar Sub-total	0 183 63 31 70 0 164 47 32 0 0 0	0.00 8250.05 1748.20 1015.75 2045.25 0.00 4809.20 1916.00 1490.35 0.00 0.00 847.15 2350.65	0 33 0 0 3 0 3 27 16 0 0 3 29	0.00 1644.15 0.00 0.00 310.00 0.00 310.00 1162.45 900.95 0.00 0.00 79.05	0 12 1 0 0 0 1 5 3 0 0 0 5	0.00 451,20 11.85 0.00 0.00 0.00 11.85 238.60 74.80 0.00
VIII  IX Za  X M	Sub-total Bohol Cebu Negros Oriental Siquijor Sub-total Leyte Southern Leyte Biliran Eastern Samar Northern Samar Western Samar Sub-total	183 63 31 70 0 164 47 32 0 0 0	8250.05 1748.20 1015.75 2045.25 0.00 4809.20 1916.00 1490.35 0.00 0.00 847.15	33 0 0 3 0 3 27 16 0 0 3 29	1644.15 0.00 0.00 310.00 0.00 310.00 1162.45 900.95 0.00 0.00 79.05	12 1 0 0 0 1 5 3 0 0 5	451,20 11.85 0.00 0.00 0.00 11.85 238.60 74.80 0.00 0.00
VIII  IX Za  X M	Bohol Cebu Negros Oriental Siquijor Sub-total Leyte Southern Leyte Biliran Eastern Samar Northern Samar Western Samar Sub-total	63 31 70 0 164 47 32 0 0 0	1748.20 1015.75 2045.25 0.00 4809.20 1916.00 1490.35 0.00 0.00 847.15 2350.65	0 0 3 0 3 27 16 0 0 3 29	0.00 0.00 310.00 0.00 310.00 1162.45 900.95 0.00 0.00 79.05	1 0 0 0 1 5 3 0 0 5	11.85 0.00 0.00 0.00 11.85 238.60 74.80 0.00 0.00
VIII  IX Za  X M	Cebu Negros Oriental Siquijor Sub-total Leyte Southern Leyte Biliran Eastern Samar Northern Samar Western Samar Sub-total	31 70 0 164 47 32 0 0 15	1015.75 2045.25 0.00 4809.20 1916.00 1490.35 0.00 0.00 847.15 2350.65	0 3 0 3 27 16 0 0 3 29	0.00 310.00 0.00 310.00 1162.45 900.95 0.00 0.00 79.05	0 0 0 1 5 3 0 0	0.00 0.00 0.00 11.85 238.60 74.80 0.00 0.00
VIII  IX Za  X M	Negros Oriental Siquijor Sub-total Leyte Southern Leyte Biliran Eastern Samar Northern Samar Western Samar Sub-total	70 0 164 47 32 0 0 15	2045.25 0.00 4809.20 1916.00 1490.35 0.00 0.00 847.15 2350.65	3 0 3 27 16 0 0 3 29	310.00 0.00 310.00 1162.45 900.95 0.00 0.00 79.05	0 0 1 5 3 0 0	0.00 0.00 11.85 238.60 74.80 0.00 0.00
VIII  IX Za  X M	Siquijor Sub-total Leyte Southern Leyte Biliran Eastern Samar Northern Samar Western Samar Sub-total	0 164 47 32 0 0 16 55	0.00 4809.20 1916.00 1490.35 0.00 0.00 847.15 2350.65	0 3 27 16 0 0 3 29	0.00 310.00 1162.45 900.95 0.00 0.00 79.05	0 1 5 3 0 0 5	0.00 11.85 238.60 74.80 0.00 0.00
X M	Sub-total Leyte Southern Leyte Biliran Eastern Samar Northern Samar Western Samar Sub-total	164 47 32 0 0 15 55	4809.20 1916.00 1490.35 0.00 0.00 847.15 2350.65	3 27 16 0 0 3 29	310.00 1162.45 900.95 0.00 0.00 79.05	1 5 3 0 0 5	11.85 238.60 74.80 0.00 0.00
X M	Leyte Southern Leyte Biliran Eastern Samar Northern Samar Western Samar Sub-total	47 32 0 0 15 55	1916.00 1490.35 0.00 0.00 847.15 2350.65	27 16 0 0 3 29	1162.45 900.95 0.00 0.00 79.05	5 3 0 0 5	238.60 74.80 0.00 0.00
X M	Southern Leyte Biliran Eastern Samar Northern Samar Western Samar Sub-total	32 0 0 15 55	1490.35 0.00 0.00 847.15 2350.65	16 0 0 3 29	900.95 0.00 0.00 79.05	3 0 0 5	74.80 0.00 0.00
X M	Biliran Eastern Samar Northern Samar Western Samar Sub-total	0 0 15 55	0,00 0,00 847.15 2350,65	0 0 3 29	0.00 0.00 79.05	0 0 5	0.00 0.00
X M	Eastern Samar Northern Samar Western Samar Sub-total	0 15 55	0,00 847,15 2350,65	0 3 29	0.00 79.05	0 5	0.00
IX Za	Northern Samar Western Samar Sub-total	15 55	847.15 2350.65	3 29	79.05	5	
X M	Western Samar Sub-total	55	2350.65	29		The second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon	404.55
IX Za	Sub-total						
X Za		149	000445		1173.45	15	757.40
X M			6604.15	75	3315.90	28	1475.35
Х	amboanga del Norte	0	0.00	0	0.00	0	0.00
Х	amboanga del Sur	89	2751.96	37	1115.95	1	6,00
	Sub-total	89	2751.96	37	1115,95	1	6.00
	Bukidnon	31	1323.75	4	137.10	0	0.00
	Camiguin	0	0.00	0	0.00	0	0.00
	/lisamis Occidental	0	0.00	Ö	0.00	0	0.00
	Misamis Oriental	86	5062.18	32	2386.32	1 1	30.00
	Sub-total	117	6385.93	36	2523,42	1 1	30.00
	Davao del Norte	24	1022.53	0	0.00	<del>                                     </del>	0.00
XI	Davao del Sur	13	406.90	ŏ	0.00	0	0.00
XI	Davao Oriental	0	0.00	Ö	0.00	0	0.00
]	South Cotabato	11	487.70	0	0.00	0	
l	Saranggani	4	127.00	0 1 1	0.00	0	0.00
	Davao City	21	1166.21	0	0.00	0	0.00
-	Sub-total	73	3210.34	0	0.00	0	0.00
	Lanao del Norte	46	1829.84				0.00
١.	North Cotabato	40 0	1829.84 0.00	5	371.90	1	62.52
XII	Suitan Kudarat	4		0	0,00	0	0.00
<b> </b>	Sub-total	50	281.00 2110,84	0	0.00	0	0.00
<del></del>				5	371.90	1	62.52
ļ ·	Agusan del Norte	44	2169.07	31	1548.02	1	12.00
XIII	Agusan del Sur	38	1733.40	0	0.00	0	0,00
^;;;	Surigao del Norte	25	775.61	17	529.76	0	0,00
.	Surigao del Sur	0	0.00	0	0.00	0 ,	0.00
		107	4678.08	48	2077,78	1	12.00
	Sub-total	15	609.90	1.	83,00	1	45.00
ARMM	Lanao del Sur		992.60	8	372,55	6	394.60
	Lanao del Sur Maguindanao	19	1602.50	9	455.55	7	439.60
Study	Lanao del Sur		1002.00				

Condition of Permanent Bridges In East-West Lateral Roads

		Perma	inent	Permane	nt Bridge	Permanent Bri	dge Requiring
Region	Province	Brid	lge	Requiring N		Major Repair / F	Reconstruction
		No.	Length	No.	Length	No.	Length
	Marinduque	0	0.00	0	0.00	0	0.00
1	Occidental Mindoro	0	0.00	0	0.00	0	0.00
iV-B	Oriental Mindoro	2	51.00	0	0,00	0	0.00
10-8	Palawan	0	0.00	0	0.00	. 0	0.00
	Rombion	0	0.00	0	0,00	0	0.00
ľ	Sub-total	2	51.00	0	0,00	0	0.00
	Masbale	0	0.00	0	0.00	0	0.00
: V	Catanduanes	0	0.00	0	0.00	0	0.00
[	Sub-total	0	0.00	0	0.00	0 '	0.00
	Aklan	0	0.00	0	0.00	0	0.00
	Antique	0	0,00	0	0.00 '	0 '	0.00
	Capiz	27	841.50	3	84.00	7	221.50
vı	Iloilo	10	637.50	1	16.00	2	155.70
٧,	Guimaras -	. 0	0.00	0	0.00	0	0.00
	Negros Occidental	- 17	503.50	2	69.60	5	135.60
1	Iloilo City	0	0.00	0	0.00	0	0.00
	Sub-total	54	1982,50	6	169.60	14	512.80
	Bohol	17	399,85	0	0.00	0	0.00
	Cebu	2	49.75	0	0.00	0	0.00
: VII	Negros Oriental	9	229,70	0	0.00	0	0.00
l: • 1	Siquijor	0	0.00	0	0.00	0	0.00
	Sub-total	28	679.30	C	0.00	0	0.00
	Leyte	16	559.65	3	88.15	2	69.00
	Southern Leyte	. 0	0.00	0	0,00	. 0	0.00
	Biliran	0 1.	0.00	0	0.00	0 '	0.00
VIII	Eastern Samar	18	529.30	10	362.80	4	124.70
1	Northern Samar	26	793,10	0	0.00	0	0.00
:	Western Samar	21	548.30	6	169.70	2	88.80
	Sub-total	81	2430.35	19	620.65	8	282.50
	Zamboanga del Norte	0	0.00	0	0.00	0	0.00
IX :	Zamboanga del Sur	4	105.12	3	75.62	0	0.00
	Sub-total	4	105.12	3	75.62	0	0.00
	Bukidnon	2	53.45	0	0.00	0	0.00
	Camiguin	0	0.00	. 0	0.00	0	0.00
X	Misamis Occidental	0	0.00	0	0.00	0	0,00
	Misamis Oriental	0	0.00	0	0.00	0	0.00
	Sub-total	2	53,45	0	0.00	0	0.00
	Davao del Norte	14	687.70	2	43.00	0	0.00
	Davao del Sur	13	329.00	1	20.00	0	0.00
A 4	Davao Oriental	0	0.00	0	0.00	0	0.00
. XI	South Cotabato	0	0.00	0	0.00	0	0.00
	Saranggani	0	0.00	0	0.00	0	0.00
4	Davao City	0 12 1	0.00	0	0.00	0	0.00
	Sub-total	27	1016.70	3	63.00	0	0.00
	Lanao del Norte	0	0.00	Ö	0.00	0	0.00
	North Cotabato	30	685.51	11	189.55	2	49.13
XII	Sullan Kudarat	. 0 / 3 - 1	0.00	0	0.00	0	0.00
	Sub-total	30	685.51	11	189.55	2	49.13
	Agusan del Norte	0	0.00	0	0.00	0	0,00
ì	Agusan del Sur	. 8	412.71	0	0.00	0	0.00
, XIII	Surigao del Norte	0	0.00	o and	0.00	0	0.00
	Surigao del Sur	0	0.00	D	0.00	0	0.00
	Sub-total .	8	412.71	0	0.00	0	0.00
	Lanao del Sur	9	303.50	0	0.00	0	0.00
ARMM	Maguindanao	2	23.95	0	0.00	2	23.95
	Sub-total	11	327.45	Ō	0.00	2	23.95
	tudy Area Total	247	7744.09	42	1118,42	26	868.38
					. 4440 40		

Condition of Permanent Bridges in Other Roads of Strategic Importance

		Perma		Permanei	-	Permanent Bri	
Region	Province	Brid		Requiring M		Major Repair / i	
		No,	Length	No.	Length	No.	Length
	Marinduque	34	1240.85	4	103,40	0	0.00
	Occidental Mindoro	57	3825.56	11	963.20	5	205.70
IV-B	Oriental Mindoro	19	718.20	2	159.00	0 -	0.00
	Palawan	129	4193,51	52	1640.46	3	233.70
L	Rombion	40	1036.25	10	264.70	5	166.45
1	Sub-total	279	11014.37	79	3130.76	13	605.85
i	Masbate	21	733.10	3	87.95	0	0.00
٧	Catanduanes	42	1713.50	5	222.30	5	120.80
	Sub-total	63	2446.60	8	310.25	5	120.80
	Aklan	9	316.00	1	100.00	1	6.00
1	Antique	76	3436.61	9	380.30	6	148.40
	Capiz	25	1046.80	3 .	191.00	6	153.50
VI	lloílo -	34	1264.85	13	541.60	7	262.80
٧' ا	Guimaras	7	258.00	0	0.00	0.	0.00
	Negros Occidental	55	1112.50	3	200.50	0	0.00
	Iloilo City	0	0,00	0	0.00	0	0.00
ľ	Sub-total	206	7434.76	29	1413.40	20	570.70
	Bohol	18	465,90	1	23.80	0	0.00
	Cebu	71	2983.05	3	106.45	ő	. 0.00
VII	Negros Oriental	47	2107.10	1	36.00	ő	0.00
-	Siquijor	8	142.40	0	0.00	ő	0.00
Ì	Sub-total	144	5698.45	5	166.25	0	0.00
	Leyte	137	4506.90	45	1714.20	11	324.45
	Southern Leyte	55	1480.47	7	410.20	1	12.10
	Biliran	ő	0.00	0	0.00	o	0.00
VIII	Eastern Samar	24	1499.45	2	197.20	3	641.95
	Northern Samar	38	1509.40	3	130.80	3	246.10
	Western Samar	ő	0.00	ő	0.00	0	
ŀ	Sub-total	254	8996.22	57	2452.40		0.00
	Zamboanga del Norte	70	3838.79	3			1224.60
iΧ	Zamboanga del Sur	22	610.24		159.90	4	194.00
	Sub-total	92	4449.03	13 16	282.49	0	0.00
	Bukidnon	0	0.00		442.39	4	194.00
	Camiguin	22		0	0.00	0	0.00
х	Misamis Occidental	45	629.80	2	51.00	0	0.00
^	Misamis Occidental	0	1252.30 0,00	10	252.20	5	126.05
ŀ	Sub-total	67	1882.10	0 12	0.00	0	0.00
	Davao del Norte				303.20	5	126.05
	Davao del None Davao del Sur	0	0.00	0	0.00	0	0.00
	Davao dei Sur Davao Oriental	7	235,99	1	20.00	0	0.00
ΧI	South Cotabato	44	3080.35	1	45.00	0	0.00
^,		10	669.30	0	0.00	0	0.00
	Saranggani	34	1843.95	0	0.00	0	0.00
	Davao City	0	0.00	0	0.00	0	0.00
	Sub-total Sub-total	95	5829.59	2	65.00	0	0.00
	Lanao del Norte	0	0.00	0	0.00	0	0.00
XII	North Cotabato	20	786.15	14	435.81	0	0.00
ì	Sultan Kudarat	12	246.95	0	0.00	1	36.00
	Sub-total	32	1033.10	14	435.81	1	36.00
	Agusan del Norte	0	0.00	0	0.00	0	0.00
	Agusan del Sur	0.	0.00	0	0.00	0	0.00
XIII	Surigao del Norte	19	847.66	3	74.59	0	0.00
	Surigao del Sur	51	2860.73	25	1512.40	4	389.10
	Sub-total	70	3708.39	28	1586.99	4	389.10
	Lanao del Sur	11	258,35	Ó	0,00	0	0,00
ARMM	Maguindanao	4	122.00	Ŏ	0.00	ŏ	0.00
	Sub-total	15	380.35	0	0.00	0	0.00
. 0	funda Anna T-4-1						<del></del>
S	tudy Area Total	1317	52872.96	250	10306.45	70	3267.10

Condition of Permanent Bridges in National Secondary Roads

Region	Province	Perma Brid		Permaner Requiring M		Permanent Brid Major Repair / R	
tegion	FIOVINCE	No.	Length	No.	Length	No.	Length
			182.00	0	0.00	0	0.00
1	Marinduque	4	30.00	1	30.00	ŏ	0.00
ļ	Occidental Mindoro	1	· ·	o l	0.00	ŏ	0.00
IV-B	Oriental Mindoro	0	0.00	0	0.00	o l	0.00
. 1	Palawan	7	163.00	6	291.90	1 1	24.00
-	Rombion	18	695.35	7	321.90	1	24.00
	Sub-total	30	1070.35	3	75.00	0	0.00
	Masbate	8	393.80		0.00	ő	0.00
٧	Catanduanes		25.00	0 3	75.00	0 .	0.00
	Sub-total	9	418.80			- 0	0.00
- 1	Aklan	0	0.00	0	0.00	0 1	0.00
	Antique	0	0.00	0	0.00	0	0.00
1	Capiz	0	0.00	0			35.20
VI	lloilo	26	1131.45	14	484.25		0.00
.	Guimaras	0	0.00	0	0.00		275.10
	Negros Occidental	53	1087.00	2	43.60	4	
	Iloilo City	7	409.00	1	35,00	2	241.00
	Sub-total	86	2627.45	17	562.85	7	551.30
	Bohel	30	818.50	0	0.00	0	0.00
	Cebu	19	368.10	0	0.00	0	0.00
VII.	Negros Oriental	0	0.00	0	0.00	0	0.00
	Siquijor	0	0.00	0	0.00	0	0.00
	Sub-total	49	1186.60	0	0.00	0	0.00
	Leyte	68	2406.70	12	268.55	5	307.85
1	Southern Leyte	7	361.40	3	160.90	2	54.00
	Biliran	13	623.00	3	89.65	0	0.00
VIII	Eastern Samar	25	1118.75	1	40.10	10	295.70
	Northern Samar	0	0.00	0	0.00	0	0.00
	Western Samar	11	347.05	3	93.45	3	71.40
	Sub-total	124	4856.90	22	652.65	20	728.95
	Zamboanga del Norte	11	823.45	1	78.00	1	21.00
ıx	Zamboanga del Sur	10	319.02	6	221.09	0	0.00
· · · · · · · · · · · · · · · · · · ·	Sub-total	21	1142.47	7	299.09	1	21.00
	Bukidnon	47	1322.31	2	93,35	1	49.90
	Camiguin	0	0.00	0	0.00	0	0.00
x I	Misamis Occidental	12	411.05	5	190.80	1	57,05
	Misamis Oriental	13	574.88	8	431.50	0 '	0.00
1	Sub-total	72	2308.24	15	715.65	2	106.95
	Davao del Norte	27	1036,28	0	0.00	0	0.00
	Davao del Sur	1	25.50	0 .	0.00	0	0.00
l	Davao Oriental	9	251.66	Ö	0.00	0	0.00
xı İ	South Cotabato	5	149.20	o ·	0,00	0	0.00
^'		ő	0.00	o ·	0.00	0	0.00
	Saranggani Davao City	0	0.00	ŏ	0.00	0	0.00
	Sub-total	42	1462.64	0	0.00	0	0.00
		0	0.00	0	0.00	0	0,00
	Lanao del Norte	l	997.20	. 7	322,24	ŏ	0.00
XII	North Cotabato	28	E .	Ó	0.00	2	36.80
	Sultan Kudarat	5 33	88.80 1086.00	7	322.24	2	36.80
	Sub-total					0	0.00
	Agusan del Norte	11	442.02	1	41.82	1	0.00
	Agusan del Sur	20	678.70	0	0.00	0	0.00
XIII	Surigao del Norte	4	193.13	2	76.33	0	
	Surigao del Sur	22	785.30	9	211.40	2	237.90
<u>:</u>	Sub-total	57	2099.15	12	329.55	2	237.90
	Lanao del Sur	1	93.00	0	0.00	0	0.00
ARMM,	Maguindanao	10	258.17	3	77.62	2	80.80
	Sub-total	. 11	351.17	3	77.62	2	80.80
							1787.70

### APPENDIX 3.5 - 1

# ROAD DENSITY OF NATIONAL ROAD

Appendix 3.5-1 (1/3) ROAD DENSITY : NATIONAL ROAD

30 (8)	0 (in 1) 1 25 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	(sq.km) 300,000.00 300,000.00 107,743.00 18,293.70 3,975.60 2,655.40 2,517.80 7,047.60 2,097.30 12,840.10 3,399.30 2,579.60 5,368.20	GRDP 68,009,00 68,009,00 21,676,00 29,367,00 29,367,00 29,367,00 29,483,00 29,483,00 29,483,00 29,483,00 29,483,00 29,483,00 29,483,00 29,483,00 29,483,00	Paved 15,145.79 858.37 858.37 858.37 8221.76 52.46 19.24 49.39 1,156.18 299.40 209.31	11,965.88 11,965.88 1 1,371.88 1 135.03 6 201.37 6 201.37 9 270.97		Ratio 0.56	Paved 0.11	Unpaved 0.08	Total 0.19
PPINES   68,617.00 30	3 3 6 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	300,000.00 636.00 107,743.00 18,293.70 3,975.60 2,555.40 2,555.40 2,517.80 7,047.60 2,097.30 2,097.30 2,097.30 2,579.60 5,399.30 2,579.60 5,368.20	27,130.00 68,009.00 21,676.00 30,884.00 29,367.00 33,708.00 29,483.00 29,483.00 25,945.00 15,298.00	15,145.79 858.37 6,511.33 387.11 44.27 221.76 52.46 19.24 49.39 1,156.18 299.40 299.40	11,965.88 1,371.88 135.03 386.15 201.37 378.37 378.37	27,111.67	0.56	0.11	0.08	0.19
PPINES   68,617.00   30	0 0 3 1 1 25 2 2 1	300,000.00 636.00 107,743.00 18,293.70 3,975.60 2,517.80 7,047.60 7,047.60 2,097.30 12,840.10 3,399.30 2,579.60	27,130.00 68,009.00 21,676.00 29,367.00 28,340.00 29,483.00 29,483.00 29,483.00 15,298.00	858.37 858.37 6,511.33 387.11 44.27 221.76 52.46 19.24 49.39 1,156.18 299.40 299.40	11,965.88 1,371.88 135.03 386.15 201.37 378.37 378.37	27,111.67	0.56	0.11	0.08	0.19
Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Sect	0 3 7 7 7 8	636.00 107,743.00 18,293.70 3,975.60 2,675.40 2,517.80 7,047.60 2,097.30 12,840.10 3,399.30 2,579.60 5,368.20	68,009.00 30,884.00 29,367.00 33,708.00 29,483.00 29,483.00 16,313.00 15,298.00	858.37 6,511.33 387.11 44.27 221.76 52.46 19.24 49.39 1,156.18 299.40	3,875.39 1,371.88 135.03 386.15 201.37 378.37 270.97	858.37				0.05
Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Section   Sect	0 0 7 7 8	18,293.70 3,975.60 2,655.40 2,517.80 7,047.60 2,097.30 12,840.10 3,399.30 2,579.60 5,368.20	21,676.00 30,884.00 29,367.00 33,708.00 28,340.00 29,483.00 26,945.00 15,298.00	6,511.33 87.11 44.27 221.76 52.46 19.24 49.39 1,156.18 299.40 209.31	3,875.39 1,371.88 135.03 386.15 201.37 378.37 270.97	60000	4 00	0.35		00.00
Abra   1,256.00   10     Benguet   1,256.00   1     Benguet   1,256.00   1     Ilocos Norte   238.00   1     Ilocos Norte   483.00   1     Ilocos Norte   545.00   1     Ilocos Norte   1,161.00   1     Ilocos   1,161.00   1     Ilocos   1,161.00   1     Ilocos   1,161.00   1     Ilocos   1,161.00   1     Ilocos   1,161.00   1     Ilocos   1,161.00   1     Ilocos   1,161.00   1     Ilocos   1,160.00   1     Ilocos   1,160.00   1     Ilocos   1,160.00   1     Ilo	2 3 1 25	18,293.70 3,975.60 2,655.40 2,517.80 7,047.60 2,097.30 12,840.10 3,399.30 2,579.60 5,368.20	21,676.00 30,884.00 29,367.00 33,708.00 28,340.00 29,483.00 26,945.00 15,298.00	87.11 44.27 221.76 52.46 19.24 49.39 1,156.18 299.40	3,875.39 1,371.88 135.03 386,15 201.37 378.37 270.97		00.1	2000		
Abra	2 2 3 4	18,293.70 3,975.60 2,655.40 2,517.80 7,047.60 2,097.30 12,840.10 3,399.30 2,579.60 5,368.20	30,884,00 29,367,00 28,340,00 28,340,00 29,483,00 26,945,00 15,298,00	387.11 44.27 221.76 52.46 19.24 49.39 1,156.18 299.40 299.40	1,371.88 135.03 386.15 201.37 378.37 270.97	10,386.72	0.63	0.12	0.07	0.20
Abra Abra 196.00 Benguet 541.00 Ifugao Kalinga-Apayao 238.00 Mt. Province 3,804.00 Ilocos Norte 483.00 Ilocos Sur 545.00 Pangasinan 597.00 La Union 597.00 Cagayan 1,161.00 Nueva Vizcaya 335.00 Quirino 6,933.00 Bataan 1,784.00 Nueva Ecija 1,506.00 Pampanga 1,506.00 Zambales 569.00	2 2 3 4	18,293.70 3,975.60 2,655.40 2,517.80 7,047.60 2,097.30 12,840.10 3,399.30 2,579.60 5,368.20	30,884,00 29,367,00 33,708,00 28,340,00 29,483,00 26,945,00 15,298,00	387.11 44.27 221.76 52.46 19.24 49.39 1,156.18 299.40 299.40	1,371.88 135.03 386.15 201.37 378.37 270.97					Ī
Abra 196.00 Benguet 541.00 Ifugao Kalinga-Apayao 238.00 Mt. Province 3,804.00 Ilocos Norte 483.00 Ilocos Sur 545.00 Pangasinan 597.00 La Union 597.00 Cagayan 1,161.00 Nueva Vizcaya 335.00 Quirino 6,933.00 Bataan 1,784.00 Nueva Ecija 1,506.00 Pampanga 946.00 Zambales 569.00	o 2 7 7	3,975.60 2,655.40 2,517.80 7,047.60 2,097.30 12,840.10 3,399.30 2,579.60 5,368.20	29,367,00 33,708,00 28,340,00 29,483,00 26,945,00 15,213,00	44.27 221.76 52.46 19.24 49.39 1,156.18 299.40 299.40	135.03 386.15 201.37 378.37 270.97 336.94	1,759.00	0.22	0.08	0.29	0.37
Benguet 541.00 Ifugao Kalinga-Apayao 238.00 Mt. Province 3,804.00 Ilocos Norte 483.00 Ilocos Sur 545.00 Pangasinan 545.00 La Union 597.00 Cagayan 14.00 Cagayan 14.00 Cagayan 14.00 Cagayan 14.00 Cagayan 14.00 Cagayan 14.00 Cagayan 14.00 Bataan 14.00 Cuirino 14.00 Auirino 15.66.00 Bataan 1784.00 Nueva Ecija 15.06.00 Tarlac 569.00 Zambales 569.00	. 2 2 %	2,655.40 2,517.80 7,047.60 2,097.30 12,840.10 3,399.30 2,579.60 5,368.20	33,708.00 28,340.00 29,483.00 26,945.00 15,313.00	221.76 52.46 19.24 49.39 1,156.18 299.40 209.31	386.15 201.37 378.37 270.97 336.94	179.29	0.25	0.05	0.15	0.20
fugao	. 2 2 %	2,517.80 7,047.60 2,097.30 12,840.10 3,399.30 2,579.60 5,368.20	28,340,00 29,483,00 26,945,00 15,313,00 15,298,00	52.46 19.24 49.39 1,156.18 299.40 209.31	201.37 378.37 270.97 336.94	607.91	0.36	0.10	0.32	0.51
Kalinga-Apayao         238.00           Mt. Province         131.00           Ilocos Norte         483.00           Ilocos Sur         545.00           Pangasinan         2,179.00           La Union         2,736.00           Batanes         14.00           Cagayan         1,161.00           Nueva Vizcaya         131.00           Quirino         6,933.00           Bataan         1,784.00           Nueva Ecija         1,506.00           Pampanga         1,506.00           Tarlac         569.00           Zambales         569.00           569.00         569.00	-	7,047,60 2,097.30 12,840.10 3,399.30 2,579.60 5,368.20	29,483.00 26,945.00 15,313.00 15,298.00	19.24 49.39 1,156.18 299.40 209.31	378.37 270.97 336.94	253.83	0.21	0.09	0.33	0.41
Mt. Province 131.00  Jocos Norte 483.00  Jocos Sur 545.00  La Union 2,179.00  Batanes 14.00  Cagayan 14.00  Cagayan 15.00  Nueva Vizcaya 335.00  Quirino 6,933.00  Bataan 1,784.00  Nueva Ecija 1,506.00  Tarlac 569.00  Zambales 569.00		2,097.30 12,840.10 3,399.30 2,579.60 5,368.20	26,945.00 15,313.00	49.39 1,156.18 299.40 209.31	336.94	397.61	0.05	0.01	0.29	0.31
3,804.00 llocos Norte 483.00 llocos Sur 545.00 Pangasinan 2,779.00 La Union 597.00 Batanes 14.00 Cagayan 1,161.00 Nueva Vizcaya 335.00 Quirino 131.00 Bataan 1,784.00 Nueva Ecija 1,506.00 Pampanga 1,506.00 Tarlac 569.00	. 2 2 3	12,840.10 3,399.30 2,579.60 5,368.20	15,313.00 15,298.00	<b>1,156.18</b> 299.40 209.31	336.94	320.35	0.15	60.0	0.52	
llocos Norte 483.00 llocos Sur 545.00 Pangasinan 2,179.00 La Union 597.00 Gagayan 597.00 Cagayan 14.00 Cagayan 1,161.00 Nueva Vizcaya 335.00 Quirino 1,161.00 Bataan 491.00 Bulacan 1,784.00 Nueva Ecija 1,506.00 Pampanga 1,506.00 Tarlac 569.00	7 N N +-	1,640,10 3,399,30 2,579,60 5,368,20	15,298.00	299.40	1	1 493 12	7.7.0	0.17	0.05	0.21
Ilocos Norte	2 2 -	3,399,50 2,579,60 5,368,20	15,786.00	209.31	120.03	420.23	0.71	0.23	60.0	0.33
Ilocos Sur	2 2 -	7.5/9.00		2.007	167.07	376.38	0.56	0.18	0.14	0.32
La Union  La Union  2,536.00  Batanes  Cagayan  I, 161.00  Nueva Vizcaya  335.00  Quirino  Bataan  Bulacan  Nueva Ecija  1,506.00  Tarlac  Zambales  6,937.00  1,506.00  Tarlac  Sambales  6,937.00  1,506.00  Tarlac  569.00	N N T		15 324 00	198.30	19.68	217.98	0.91	0.06	0.01	90.0
2,536.00 Batanes 895.00 Cagayan 1,161.00 Nueva Vizcaya 335.00 Quirino 131.00 Bataan 6,933.00 Bulacan 1,784.00 Nueva Ecija 1,506.00 Tarlac 569.00 Zambales 569.00	- 7	1 493 00	15 303.00	449.18	29.36	478.54	0.94	0.48	0.03	0.51
2,536.00 Batanes 14.00 Cagayan 14.00 Cagayan 14.00 Isabela 17.161.00 Nueva Vizcaya 335.00 Quirino 131.00 Bataan 491.00 Bulacan 1,784.00 Nueva Ecija 1,506.00 Pampanga 1,506.00 Tarlac 569.00	<b>7</b>	}								
Batanes 14.00 Cagayan 895.00 Isabela 1,161.00 Nueva Vizcaya 335.00 Quirino 131.00 Bataan 491.00 Bulacan 1,784.00 Nueva Ecija 1,506.00 Pampanga 1,506.00 Zambales 569.00	**	26,837.70	16,229.00	820.68	912.58	1,733.27	0.47	0.10	0.11	0.21
Cagayan 895.00 Isabela 1,161.00 Nueva Vizcaya 335.00 Quirino 2,100 Bataan 491.00 Bulacan 1,784.00 Nueva Ecija 1,506.00 Pampanga 1,637.00 Zambales 569.00	**************************************		16,357.00	26.76	56.52	. 83.28	0.32	0.49	1.04	40.0
Isabela 1,161.00  Nueva Vizcaya 335.00  Quirino 235.00  Quirino 6,933.00  Bataan 491.00  Bulacan 1,784.00  Nueva Ecija 1,506.00  Pampanga 1,637.00  Tarlac 946.00  Zambales 569.00	+-		16,298.00	347.50	304.40	651.90	0.53	0.12	0.00	0.23
Nueva Vizcaya 335.00 Quirino Quirino Guisan Bataan Bulacan 1,784.00 Nueva Ecija 1,506.00 Pampanga 1,637.00 Tarlac 946.00 Zambales 569.00		10,664.60	16,206.00	263.93	159.47	423.41	0.62	80.0	50.03	2.0 7.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8.0 8
Autrino (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.00 (131.0		3,903.90	15,140.00	131,73	186.68	318.41	0.41	0.12	0.16	0.28
6,933.00 Bataan 491.00 Bulacan 1,784.00 Nueva Ecija 1,506.00 Pampanga 1,637.00 Tarlac 946.00 Zambales 569.00		3,057.20	16,175.00	50.77	205.51	256.27	0.20	0.08	0.32	0.40
6,933.00 Bataan 491.00 Bulacan 1,784.00 Nueva Ecija 1,506.00 Pampanga 1,637.00 Tarlac 946.00 Zambales 569.00		0000	000000	7 700 00	178 15	1 668 47	68.0	0.13	0.02	0.15
n 1,784.00 Ecija 1,506.00 nga 1,637.00 946.00 es 569.00	6,933.00	18,230.90	22,629.00	267.04	15.70	283.61	0.94	0.33	0.02	0.35
Ecija 1,596.00 nga 1,537.00 946.00 les 569.00	491,00	00.575,1	23 024 00	234 94	24.24	259.17	0.91	0.11	0.01	0.12
nga 1,637,00 946.00 68 569.00			22,417.00	351.00	85.72	436.72	0.80	0.12	0.03	0.15
946.00 569.00			23.297.00	248.43	33.53	281.96	0.88	0.13	0.02	0.15
569.00	946.00	3,053,50	22,205,00	195.54	14.93	210.47	0.93	0.12	0.01	0.12
	569.00		23,602.00	192.51	4.04	196.55	86.0	0.13	00.00	0.14
, , , , , , , , , , , , , , , , , , ,	, t	10 467 30	27 844 00	4 640 84	709.21	2,350.05	0.70	0.13	0.06	0.19
1,90,00	160.00		26.856.00	21.66	202.79	224.45	0.10	0.03	0.28	0.31
	1 659 00		26.715,00	435.99	88.15	524.13	0.83	0.19	0.04	0.23
1,610,00	1.610.00	1.287.60	28,420.00	294.94	8.21	303.14	0.97	0.20	0.01	0.21
1,632.00	1,632.00	1,759.70	28,464.00	305.78	45.72	351.50	0.87	0.18	0.03	0.21
1,538.00	1,538.00	8,706.60	27,047.00	366.88	336.04	702.92	0.52	0.10	60.0	0.19
1,312.00	1,312.00		28,848.00	215.61	28.31	243.92	0.88	0.16	0.02	0.10 0.10
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Appendix 3.5-1 (2/3) ROAD DENSITY : NATIONAL ROAD

				Day Capita	<   4	Mational Boad (km)		Pavement	Natio	National Road Density	l .
Region	Province	Population (in 1000)	(sq.km)	GRDP	Paved	Un-paved	Total	Ratio	Paved	Unpaved	Total
							000	2 73		90 0	2,
Region V	•	3,470.00	12,073.30	12,937.00	1,016.19	366.62	1,382.81	0.72	0 0	0.00	0.24
	Albay	1,005.00	2,552,60	12,975.00	286.14	99.00	197 98	88	0 0	0.03	0.21
	Camarines Norte	439.00	2,112.50	13,023.00	700.61	21.42	503.89	0.57	0.11	0.08	0.18
	Camarines Sur	1,434.00	5,265.80	12,922,00	266.59	28.54	295.13	06.0	0.24	0.03	0.26
	Sorsogon	284.00	7								
STIIDY AREA		31,167.32	174,949.64	22,881.00	7,771.87	7,473.86	15,245.73	0.51	0.11	0.10	0.21
77 CO 10											
Region IV-B		1,832.35	23,817.60	29,582.00	563.45	1,175.41	1,738.86	0.32	60.0	0.18	0.26
						1000	27	7.4.0	0.23	0.08	0 49
	Marinduque	199.91	919.30	26,552.00	69.66	112.27	211.80	i c	20.0	000	0 0
	Occidental Mindoro	304.38	5,674.40	29,520.00	29.92	267.08	287.00	0.0	0.02	000	0 0
	Oriental Mindoro	608.62	4,066.50	26,510.00	154.16	138.77	287.82	0.53	- o	20.00	0.27
	Palawan	503.35	11,942.40	34,368.00	210.90	452.33	003.23	20.0 20.0	55.0	0.40	0.53
	Rombion	216.09	1,215.00	30,029.00	98.7	704.97	t	3.	<u></u>	;	
		714 25	4 824 00	15.369.00	170.02	373.49	543.51	0.31	0.09	0.20	0.29
Region V		200.000	4 544 50	12 950 00	48 69	199.12	247.81	0.20	60.0	0.36	0.45
•	Catanduanes	509.25	3.312.50	16,328.00	121.33	174.37	295.70	0.41	60.0	0.13	0.23
	Masuale	2	1								
VISAYAS		13,779.99	52,348.70	22,444.00	4,029.35	2,435.55	6,464.89	0.62	0.15	0.03	0.24
				20 400 00	4 507 70	4 458 37	2 746 16	0.58	0.16	0.11	0.27
Region VI		5,759.84	18,159.30	23,409.00	1,367.13	40.82	143.08	0.71	0.12	0.05	0.16
	Aklan	410.54	7 428 70	23,328.00	139.72	195.04	334.76	0.42	0.14	0.19	0.33
	Antique	624.47	2,720.70	22,606,00	209.79	115.93	325.71	0.64	0.17	60.0	0.26
	Capit	1 749.56	4.795.00	23,383.00	524.16	351.38	875.53	0.60	0.18	0.12	0.30
	Guimaras	126.47	488.70	22,282.00	47.82	81.82	129.64	0.37	0.19	0.33	0.52
	Negros Occidental	2,434.19	6,133.10	23,765.00	564.05	373.38	937.43	09'0	0.15	0.10	0.24
			000000	00 00	1 140 06	£30 01	1 688 97	0.68	0.14	0.07	0.21
Region VII		4,803.83	13,876.20	23,662.00	334.92	45.91	380.82	0.88	0.15	0.02	0.17
	Negros Onemai	975 34	4 135 90	22,195.00	275.78	310.49	586.27	0.47	0.14	0.15	0.29
	in the C	2 729 48	4 566 40	28 251.00	467.02	179.73	646.75	0.72	0.13	0.05	0.18
	Signifier	73.76	339.60	21,394.00	71.34	3.78	75.13	96.0	0.45	0.02	0.47
											(
Region VIII		3,216.32	20,313.20	14,124.00	1,292.50	737.27	2,029.76	0.64	0.16	0.09	67.0
	Leyte	1,511.25	5,631.70	15,119.00	527.53	361.59	889.12	0.59	0.18	0.12	0.30
	Southern Leyte	286.84	1,448.30	15,950.00	141.36	99.38	240.74	0.59	0.22	0.15	79.0
	Eastern Samar	362.32	3,965,10	14,970.00	199.35	107.41	306.76	0.65	0.17	60.0	0.20
	Northern Samar	421.41	3,425.10	16,136,00	125.64	36.62	162.26	0.77	0.10	200	2 0
	Samar(Western Sama	510:14	5,385.10	16,730,00		31.07	297:98	) () ()	0.70	0.02	0 4
	Biliran	124.36	457.90	15,463.00	31.72	101.20	132.91	0.24	?	, 1	
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Appendix 3.5-1 (3/3) ROAD DENSITY : NATIONAL ROAD

Machine   Population   Province   Population   Province   Population   Province   Population   Province   Population   Province   Population   Province   Population   Province   Population   Province   Population   Province   Population   Province   Population   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province   Province			ſ		0.00	1014	rd) bood tong		Pavement	Natio	National Road Density	, ity
X	Region			(so.km)	GRDP	-1	Un-paved	1	Ratio	Paved	Unpaved	1 1
X   Zimm\tenning Del Norme   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application   Application												
X	MINDANAO, Study Area		14,843.74	93,959.34	22,821.00	3,009.05	3,489.42	6,498.47	0.46	80.0	0.09	0.17
Zaminourige Dei Nurte         27,072         5,685.00         248.39         156.00         248.39         156.00         0.07         0.07         0.07         0.07         0.07         0.07         0.07         0.07         0.07         0.07         0.07         0.07         0.07         0.07         0.07         0.07         0.07         0.07         0.07         0.07         0.07         0.07         0.07         0.08         0.01         0.07         0.07         0.08         0.01         0.07         0.08         0.01         0.07         0.08         0.07         0.08         0.01         0.07         0.08         0.07         0.08         0.01         0.09         0.01         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09			0,400,40	13 505 70	18 659 00	452.57	492.15	944.71	0.48	0.08	0.08	0.16
Language Delisor   1,728.40   1,588.40   1,588.40   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1,288.12   1	Region IX	Zamboonen Del Morte	770 70	6.648.00	18,674.00	248.39	158.08	406.47	0.61	0.11	0.07	0,18
Building         2,483.27         14,034.70         2,567.200         776.27         565.90         12,081.71         0.08         0.16         0.08         0.16         0.08         0.16         0.08         0.16         0.08         0.16         0.08         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09         0.09		Zamboanga Del Sur	1,728.40	6,857.70	18,652.00	204:18	334.07	538.25	0.38	90.0	0.10	0.15
Building         Spin of Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concidental Missamis Concid			7 400 07	44 034 70	25 572 00	716.22	551.90	1,268.12	0.56	0.12	60.0	0.21
Missumis Concidental         458.97         1,398.60         22,623.00         169.65         38.88         208.30         0.81         0.18         0.04           Missumis Concidental         458.07         1,398.60         25,623.00         306.08         54.16         369.24         0.85         0.17         0.03           Campiguin         4,510.62         25,520.00         23.06         27.24         25,600.00         63.06         0.04         0.07         0.08           Daviso Del Suri         1,114.65         7,726.40         27.010.00         223.86         13.24         382.31         0.04         0.07         0.08           Daviso Del Suri         1,114.67         5,726.60         25,388.00         133.64         4,885.00         0.24         0.06         0.07         0.08           Daviso Del Suri         1,144.75         2,258.80         1,258.80         1,457.80         2,244.80         0.08         0.07         0.08           Summandari         3,006.50         2,528.00         1,33.66         1,457.80         2,244.80         0.08         0.07         0.08           Combano         3,006.50         2,528.00         1,33.66         2,44.50         0.08         0.07         0.07	Region X	(	77.605.27	8 855 90	25,572,00	176.97	459.05	636.02	0.28	90.0	0.16	0.22
Missafins October   1,055.00   25,500.00   306.00   54.16   590.24   0.55   0.05   0.17   0.03     Canniguin Concertail 1,05.62   25,500.00   25,500.00   65.35   1.06   0.55   1.00   0.55   1.00   0.55     Daviso Changlin Concertail 4,510.22   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00   25,500.00		Bukidnon	340.40	2,030,30 1,808,80	25,623.00	169.65	38.68	208.33	0.81	0.18	40.0	0.22
Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Contact Cont		Misamis Occidental	1015.87	3.250.20	25,520.00	306.08	54.16	360.24	0.85	0.17	0.03	0.20
Devision 1, 144.6 7, 175.24 0 25,607.00 796,70 10,23.56 118,44 382,11 0.64 0.05 0.00 0.00 0.00 0.00 0.00 0.00 0.0		Camiguin	68.04	229.80	25,600.00	63.53		63.53	1.00	0.51	ı	0.51
Davago         1,114.46         7,788.40         27,101.00         233.66         118.44         382.11         0.66         0.04         0.04           Davago Oriental         1,667.26         5,266.00         9,586         1,844         0.04         0.05         0.01           Davago Oriental         48,33         4,223.10         24,967.00         9,586         244.50         0.23         0.07         0.01           South Corabatio         24,366.50         25,286.00         13,866         13,866         0.44         0.07         0.01         0.03           Lana Del Norte         7,13.79         6,566.90         22,096.00         135.86         167.26         0.44         0.07         0.01           Cotabato City         11,14.586.20         22,096.00         135.89         89.80         225.40         0.04         0.07         0.01           Cotabato City         145.00         22,096.00         175.77         374.60         649.67         0.02         0.03         0.07         0.01           Cotabato City         146.78         27,170         27,170         27,170         27,170         27,170         0.02         0.07         0.01           Sector City         147.10         27,			. 640 53	25 152 40	25 607 00	796 70	902.47	1,699.17	0.47	0.07	0.08	0.16
David Oriental         1,667.26         5,226.50         25,046.00         177.38         372.4         48862         0.34         0.05         0.11           David Oriental         413.47         4,667.56         25,386.00         177.38         372.4         48862         0.34         0.05         0.11           Sanadari         948.33         4,247.56         25,386.00         135,68         146.78         523.50         0.77         0.05         0.05           Sanadari         2,356.82         1,455.70         133.66         25,528.00         135.69         86.80         0.04         0.07         0.05           Cobabato         2,356.87         1,456.20         2,209.00         175.77         374.60         6.04         0.07         0.07           Cobabato         2,215.91         4,74.90         2,165.00         175.77         374.60         164.00         167.00         0.07         0.07         0.07           Sultar Kudarat         65.78         4,74.40         2,4801.00         175.70         6.30         144.70         2,41.70         0.05         0.07         0.07         0.07           All All All All All All All All All All	Region Ai	00,00	111445	7.758.40	27,101.00	233.66	118.44	352.11	99.0	90.0	0.04	0.12
David Oriental         413.47         4637.50         26.388.00         195.88         244.55         345.00         0.29         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00         0.00		Davao Dei Sur	1,667,26	5,226.90	25,046.00	171.38	327.24	498.62	0.34	0.08	17.0	/ C.O.
South Cotabato         948.33         4,222.10         24,991.00         158.41         65.09         223.50         0.17         0.09         0.03           Sarangani         3,306.50         25,528.00         138.66         146.78         280.44         0.47         0.10         0.03           Lanao Del Norte         713.79         3,206.50         22,528.00         103.68         89.80         0.24         0.07         0.10           Cotabato         713.79         1,450.20         22,722.00         104.08         67.84         0.03         0.07         0.07           Cotabato Cotabato City         14.38         69.02         27,762.00         175.17         374.50         6.44         0.07         0.07           National City         14.39         4,74.60         27,722.00         19.96         4.14         24.10         0.83         0.04         0.07           Marawi City         14.39         4,74.60         27,722.00         19.96         4.14         24.10         0.83         0.02         0.07           Marawi City         14.43         8,97.00         4,78         6,63.00         16.76         23.91         4.14         24.10         0.83         0.05           Lana		Davao Oriental	413.47	4,637.50	25,388.00	99.58	244.92	344 50	0.29	0.07	0.70	0.20
Sarangani         25 528 82         14,585 20         1336 6.0         25,528 0.0         401.88         572.53         974.40         0.41         0.07         0.10           Grabangani         2,389 82         14,585 20         22,296 00         175,77         374.40         0.41         0.07         0.10           Corbanic City         173.79         3,206 20         22,296 00         175,77         374.60         0.69 67         0.07         0.10           Corbanic City         146.78         4,774 90         22,161.00         63.00         167.68         49.7         0.09         0.06           Marawi City         146.78         4,774 90         22,161.00         63.00         167.52         322.16         0.09         0.06           Marawi City         146.78         4,74 90         22,161.00         167.52         322.16         0.09         0.06         0.06           Marawi City         146.78         4,74 90         22,161.00         167.52         322.16         0.09         0.06         0.06           Marawi City         146.78         4,74 90         24,792.00         46.68         215.34         0.09         0.06         0.06           Maguinclane City         1757.06		South Cotabato	948.33	4,223.10	24,961.00	158.41	62:03	223.50	0.71	0.00	0.03	- u
Lanao Del Norte 713.79 3,092.00 22,099.00 135.69 89.80 225.40 0.41 0.07 0.10 0.05 0.09 0.09 0.09 0.09 0.09 0.09 0.0		Sarangani	367.01	3,306.50	25,528.00	133.66	146.78	280.44	0.48	0.12	2.5	67.0
Lanao Del Norte 7,389,82 14,585,20 22,099,00 135,69 89,80 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				:	1	00	64 644	07.4.40	0.41	0.07	0.10	0.17
Lanab Del Norte         773.78         3.092.00         2.2,1993.00         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09         175.09	Region XII		2,359.82	14,585.20	22,252.00	401.88	3/6.33	225.49	090	60.0	0.06	0.15
Outball         SOUR behalo         SSOUR         144.08         167.08         167.08         0.38         0.04         0.07           Outball of the Marawi City         146.78         4.74.50         22,192.00         8.07         1.08         1.00         0.08         0.04         0.07           Cotabatic City         144.78         4.74.50         22,792.00         167.62         329.16         4.96.68         0.034         0.05         0.05           Amarwi City         14.39         9,049.00         8.960.00         167.52         329.16         496.68         0.34         0.05         0.05           Lance Del Sur         571.80         3872.90         9,049.00         122.44         173.25         26.99         0.17         0.05         0.05           Maguindana         662.18         1,767.06         8,972.00         47.418         641.21         1,116.39         0.43         0.05         0.07           Agusan Del Norte         562.46         1,767.00         23,943.00         474.18         641.21         1,116.39         0.43         0.09         0.06           Agusan Del Norte         566.66         1,000.00         2,000.00         1,22.44         1,22.45         36.36         0.66		Lanao Del Norte	713.79	3,092.00	22,099,00	125.08	374 50	549.67	0.32	0.07	0.16	0.23
Cotabato City         145.76         24,790.00         8.07         - 1.00         0.06         - 0.05           Marawi City         114.39         68.90         24,801.00         19.96         4.14         24.10         0.83         0.22         0.05           Marawi City         114.39         68.90         24,801.00         19.66.00         167.52         329.16         486.68         0.34         0.05         0.10           Maguindana         662.18         5,176.10         8,972.00         45.08         215.91         260.99         0.17         0.03         0.15           Maguindana         662.18         5,176.10         8,972.00         122.44         113.25         225.70         0.37         0.05         0.01           Maguindana         662.18         5,176.10         8,972.00         143.11         91.44         234.55         0.07         0.05           Agusan Del Norte         514.49         2,333.70         26,023.00         168.80         122.85         308.64         0.60         0.06         0.06           Surgao Del Norte         514.74         9,407.90         22,036.00         26,023.00         145.10         175.70         224.55         0.05         0.06         0.06 <td></td> <td>Cotabato</td> <td>862.67</td> <td>6,363.90</td> <td>22,663.00</td> <td>63.00</td> <td>104.08</td> <td>167.08</td> <td>0.38</td> <td>0.04</td> <td>0.07</td> <td>0.11</td>		Cotabato	862.67	6,363.90	22,663.00	63.00	104.08	167.08	0.38	0.04	0.07	0.11
Marawi City         11,233,98         9,049,00         24,801.00         19.96         4.14         24.10         0.83         0.22         0.05           Lanao Del Sur 567.18         1,233,98         9,049,00         45.08         167.52         329.16         496.68         0.34         0.05         0.15           Lanao Del Sur 567.10         5,176.10         8,872.00         45.08         215.91         260.99         0.17         0.05         0.15           Maguindanao         662.18         1,767.06         8,872.00         474.18         641.21         1,115.39         0.43         0.05         0.05           Agusan Del Norte 514.74         5,474.4         23,650.00         474.18         641.21         1,115.39         0.43         0.09         0.05           Agusan Del Norte 514.74         5,477.4         25,650.00         1,207.30         186.80         122.85         0.61         0.03         0.05           Surigao Del Norte 56.56         1,207.30         22,036.00         88.81         162.76         0.65         0.05         0.06         0.06           Surigao Del Sur 71.26         4,962.84         22,036.00         55.66         36.396         419.41         0.13         0.04         0.05		Suitan Kudarat	146.78	143.50	24 792 00	8.07	•	8.07	1.80	90.0	•	90.0
Lanao Del Sur 662.18 9,049.00 8,963.00 45.08 215.91 260.99 0.17 0.03 0.10 0.05 0.10 0.05 0.10 0.05 0.10 0.05 0.10 0.05 0.10 0.05 0.10 0.05 0.10 0.05 0.10 0.05 0.10 0.05 0.10 0.05 0.10 0.05 0.10 0.05 0.10 0.05 0.10 0.05 0.10 0.05 0.10 0.05 0.10 0.05 0.10 0.10		Marawi City	114.39	68.90	24,801.00	19.96	4.14	24.10	0.83	0.22	0.05	0.27
Lanao Del Sur face a consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the consideration of the considera			1		000	467.60	320 1E	495 68	0.34	0.05	0.10	0.15
Lanao Del Sur Maguindanao         571.80 662.18         3,872.90 5,176.10         9,050.00 8,872.00         474.18 123.44         641.21 23.55.70         1,115.39 0.43         0.43 0.03         0.02 0.03         0.02 0.03           Agusan Del Norte Surigao Del Sur Surigao Del Sur Surigao Del Sur 1,083.00         514.49 2,565.00         25,567.00 25,567.00         143.11 122.85 120.30.00         122.85 363.95 363.95         308.64 152.79 363.95         0.61 0.69 0.05 0.05 0.03         0.03 0.06 0.06 0.05 0.04         0.03 0.04 0.02           Surigao Del Sur Surigao Del Sur 296.00         4,015.00 1,082.84         114.00 22,030.00 22,030.00 25.46         114.00 363.95         175.70 419.41         289.70 0.13         0.03 0.04         0.05 0.04         0.03 0.04         0.03 0.04         0.03 0.04         0.03 0.04         0.03 0.04         0.03 0.04         0.03 0.04         0.03 0.01         0.01 0.03         0.04 0.01         0.01 0.03         0.04 0.01         0.01 0.03         0.04 0.01         0.01 0.03         0.01 0.03 <td>ARMM</td> <td></td> <td>1,233.98</td> <td>9,049.00</td> <td>8,960.00</td> <td>70.70</td> <td>215.10</td> <td>260 99</td> <td>0.17</td> <td>0.03</td> <td>0.15</td> <td>0.18</td>	ARMM		1,233.98	9,049.00	8,960.00	70.70	215.10	260 99	0.17	0.03	0.15	0.18
Maguindanao         757.05         1757.05         1753.34         23,943.00         474.18         641.21         1,115.39         0.43         0.09         0.12           Agusan Del Norte         514.49         2,353.70         25,667.00         143.11         91.44         234.55         0.61         0.03         0.08           Agusan Del Sur         514.74         9,407.90         25,023.00         185.80         122.85         308.64         0.60         0.08         0.06           Surigao Del Norte         256.56         1,207.90         22,036.00         89.81         62.97         152.79         0.69         0.16         0.01           Surigao Del Sur         471.26         4,662.84         22,036.00         55.46         363.95         419.41         0.13         0.04         0.25           Surigao Del Sur         4,71.26         4,662.84         22,036.00         114.00         175.70         289.70         0.39         0.05         0.04         0.25           Surigao Del Sur         4,015.00         1,327.20         18,666.00         54.05         8.11         62.16         0.87         0.09         0.01           Basilan         296.00         1,327.20         18,666.00         59.95		Lanao Del Sur	571.80	3,872.90	9,053,00	122 44	113.25	235.70	0.52	0.07	90.0	0.13
Agusan Del Norte         514.49         23,943.00         474.18         641.21         1,115.39         0.43         0.09         0.12           Agusan Del Norte         514.49         2,557.00         143.11         91.44         224.55         0.61         0.13         0.08           Agusan Del Sur         514.74         9,407.90         25,023.00         186.80         122.85         308.64         0.60         0.08         0.06           Surigao Del Norte         256.56         1,207.90         22,036.00         89.81         62.97         152.79         0.59         0.16         0.01           Surigao Del Norte         256.56         1,207.90         22,036.00         89.81         62.97         152.79         0.59         0.16         0.01           Surigao Del Norte         256.56         4,662.84         22,036.00         55.46         363.95         419.41         0.13         0.04         0.05           Surigao Del Norte         256.00         1,377.20         18,666.00         144.00         175.70         289.70         0.03         0.04         0.04           Basilan         296.00         1,377.20         18,666.00         54.05         8.10         0.34         0.05         0.01		Maguindanao	007.10	3,170.10	0,012.00	1.57						
Agusan Del Norte         514.49         2,353.70         25,667.00         143.11         91.44         234.55         0.61         0.13         0.08           Agusan Del Sur Surigao Del Sur Saniga Del Sur Surigao Del Sur Surigao Del Sur A71.26         1,207.90         25,023.00         185.80         122.85         308.64         0.60         0.08         0.06           Surigao Del Sur A71.26         4,662.84         22,036.00         89.81         62.97         152.79         0.59         0.16         0.11           Surigao Del Sur A71.26         4,662.84         22,036.00         55.46         363.95         419.41         0.13         0.04         0.25           Surigao Del Sur A71.26         4,662.84         22,036.00         11,618.00         114.00         175.70         289.70         0.39         0.06         0.08           Surigao Del Sur A71.26         4,662.84         22,036.00         11,618.00         114.00         175.70         289.70         0.39         0.06         0.08           Basilan         296.00         1,327.20         18,666.00         54.05         81.1         62.16         0.36         0.06         0.01           Tamitani Anni A81         53.60         1,600.40         8,947.00         54.05         88.90	Dogion YIII		1.757.05	17,632.34	23,943.00	474.18	641.21	1,115.39	0.43	60.0	0.12	0.20
Agusan Del Sur 514,74 9,407:90 22,036.00 185.80 122.85 308.64 0.60 0.06 0.08 0.06 0.05 0.05 0.05 0.05 0.05 0.05 0.05	10.00 V	Agusan Del Norte	514.49	2,353.70	25,567.00	143.11	91.44	234.55	0.61	0.13	0.08	17.0
Surigao Del Norte         256.56         1,207.90         22,036.00         89.81         62.97         152.79         0.59         0.16         0.11           Surigao Del Sur         471.26         4,662.84         22,036.00         55.46         363.95         419.41         0.13         0.04         0.25           Surigao Del Sur         471.26         4,662.84         22,036.00         55.46         363.95         419.41         0.13         0.04         0.25           Basilan         296.00         1,327.20         18,666.00         54.05         811         62.16         0.87         0.09         0.01           Saliu         536.00         1,600.40         8,967.00         59.95         167.60         227.54         0.26         0.04         0.15           Taminarian         536.00         1,687.40         9,08.00         14,83         78.70         93.53         0.16         0.05         0.15		Agusan Del Sur	514.74	9,407.90	25,023.00	185.80	122.85	308.64	0.60	0.08	0.06	4.0
Surigao Del Sur         471.26         4,662.84         22,030.00         55.46         363.95         419.41         0.13         0.04         0.25           Surigao Del Sur         1,083.00         4,015.00         11,618.00         114.00         175.70         289.70         0.39         0.05         0.08           Basilan         296.00         1,327.20         18,666.00         54.05         8.11         62.16         0.87         0.09         0.01           Saliu         536.00         1,600.40         8,967.00         45.12         88.90         134.01         0.05         0.05         0.10           Taminary         556.00         1,687.40         9,088.00         14,83         78.70         93.53         0.16         0.05         0.15		Suridao Del Norte	256.56	1,207.90	22,036.00	89.81	62.97	152.79	0.59	0.16	C.O.	72.0
1,083.00         4,015.00         11,618.00         114.00         175.70         289.70         0.39         0.05         0.08           Basilan         296.00         1,327.20         18,666.00         54.05         8.11         62.16         0.87         0.09         0.01           Rasilan         296.00         1,327.20         18,666.00         54.05         8.11         62.16         0.87         0.09         0.01           Rasilan         787.00         2,687.80         8,967.00         59.95         167.60         227.54         0.26         0.04         0.12           Sulu         536.00         1,600.40         8,947.00         45.12         88.90         134.01         0.34         0.05         0.05           Tamilitariani         251.00         1,087.40         9,008.00         14,83         78.70         93.53         0.16         0.05         0.05		Surigao Del Sur	471.26	4,662.84	22,030.00	55.46	363.95	419.41	0.13	0.04	0.7.0 0.7.0	0.20
1,083.00         4,015.00         11,618.00         114.00         175.70         289.70         0.39         0.05         0.08           Basilan         296.00         1,327.20         18,666.00         54.05         8.11         62.16         0.87         0.09         0.01           Rasilan         296.00         1,327.20         18,666.00         54.05         8.11         62.16         0.87         0.09         0.01           787.00         2,687.80         8,957.00         59.95         167.60         227.54         0.26         0.04         0.12           Sulu         251.00         1,087.40         9,088.00         14.83         78.70         93.53         0.16         0.05         0.15												
Basilan         296.00         1,327.20         18,666.00         54.05         8.11         62.16         0.87         0.09         0.01           Basilan         296.00         1,327.20         18,666.00         54.05         8.11         62.16         0.87         0.09         0.01           787.00         2,687.80         8,967.00         59.95         167.60         227.54         0.26         0.04         0.12           Sulu         536.00         1,600.40         8,947.00         45.12         88.90         134.01         0.34         0.05         0.10           Tamin 1,087.40         9,088.00         14,83         78.70         93.53         0.16         0.05         0.15	MINDANAO,		1.083.00	4,015.00	11,618.00	114.00	175.70	289.70	0.39	0.05	0.08	0.14
Basilan         296.00         1,327.20         18,666.00         54.05         8.11         62.16         0.87         0.09         0.01           787.00         2,687.80         8,967.00         59.95         167.60         227.54         0.26         0.04         0.12           Sulu         536.00         1,600.40         8,947.00         45.12         88.90         134.01         0.34         0.05         0.10           Though The Mills         1,087.40         9,008.00         14.83         78.70         93.53         0.16         0.05         0.15	Degion IX		296.00	1,327.20	18,666.00	54.05	8.11	62.16	0.87	60.0	0.01	5.50
787.00         2,687.80         8,967.00         59.95         167.60         227.54         0.26         0.04         0.12           Sulu         536.00         1,500.40         8,947.00         45.12         88.90         134.01         0.34         0.05         0.10           Tamiliania         251.00         1,087.40         9,008.00         14.83         78.70         93.53         0.16         0.03         0.15	VI IIORAN	Basilan	296.00	1,327.20	18,666.00	54.05	8.11	62.16	0.87	0.09	0.01	) 
Sulu 536.00 1.600.40 8,947.00 45.12 88.90 134.01 0.34 0.05 0.10 1.087.40 9,008.00 14.83 78.70 93.53 0.15 0.05			00 707	2 687 80	00 256 8	59.95	167.60	227.54	0.26			0.16
251.00 1.087.40 9,008.00 14.83 78.70 93.53 0.16 0.03 0.15	AKMM		63600	1,000,40		45.12	88.90	134.01	0.34			0.14
		Suid	251.00	1.087.40		14.83	78.70	93.53	0.16			0.18

#### APPENDIX 3.5-2

# ROAD DENSITY BY ADMINISTRATIVE CLASSIFICATION

ROAD DENSITY BY ADMINISTRATIVE CLASSIFICATION

					200	Road Length (km)	,			ř	oad Density		
Region	Province	Population	Land Area	National · Road	Provincial Road	City/Mun Road	Barangay	Total	National Road	Provincial Road	i City/Mun Road	Barangay Road	Total
HILIPPINES		67,614.32	287,343.64	27,991.88	28,931.42	15,523.30	102,480.29	174,526.90	0.20	0.21	0.11	0.74	1.25
æ		9,454.00	636.00	889.10		577.40	3,662.40	5,128.90	0.36	•	0.24	1.49	2.09
			***										······
ş	Abra	196.00	3,975.60	178.70	479.80	258.10	.1.427.40	2,344.00	0.20	0.54	0.29	1.62	2.66
	Kalinga-Apayao	238.00	7,047.60	397.40	173.80	85.80	665.30	1,322.30		0.13	0.07	0.51	7.5
	Benguet	541.00	2,655.40	458.60	321.10	177.80	818.20	1,775.70	85.0	0.27	0.00	0.00	9 8
	lfugao	150.00	2,517.80	308.70	272.80	37.30	194.60	813.40	0.59	0.52	0.07	0.37	15
	WH. FTOWINGS												<del></del> -
egion I			1	•			00 00	0000	5	0.00	ć.	3,	2
	flocos Norte	483.00	3,399.30	417.40	422.10	425.50 245.50	2,073,00	5,535,00 2,900,30	33.0	0.22	0.21	5.	2.45
	llocos Sur Dangaeinan	2 179 00	5.368.20	380.30	846.40	454.60	3,339,50	5,123.70		0.25	0.13	96.0	3.50
	La Union	597.00	1,493.00	218.30	251.90	121.60	579.20	1,171.00	0.23	0.27	0.13	0.61	1.24
gion II		6	0000	20	64.60	30.50	11630	27730		2,19	950	2.15	5.12
	Batanes	895.00	05.502	644 10	527.00	202.60	2.187.40	3,561.10	0.23	0.19	70.0	0.77	1.25
	Isabela	1.161.00	10,664.60	424.00	580.20	430.50	2,569.10	4,003.80	0.12	0.16	0.12	0.73	41.1
	Nueva Vizcava	335.00	3,903.90	316.20	369.70	285.80	1,523.00	2,494.70		0.32	0.25	1.33	2.18
	Quirino	131.00	3,057.20	258.10	152.70	88.30	223.20	722.30		0.24	0.14	0.35	4
						•			•				
egion III	0	491.00	1 373 00	295 90	225.20	48.80	454.50	1.024.40	0.36	0.27	90.0	0.55	1.25
	Bulacan	1,784.00	2,625.00	250.50	354.00	237.90	1,791.80	2,634.20		0.16	0.11		123
	Nueva Ecija	1,506.00	5,284.30	438.50	697.50	362.00	1,778.60	3,276.60		0.25	0.13	0.63	1.16
	Pampanga	1,637.00	2,180.70	288.10	321.60	233.40	1,588.30	2,431,40		0.17	0.12	48.0	178
	Tarlac	946.00	3,053.50	210.10	552.30	128.30	1,558,50	2,449.20	0.12	25.0	80.0	0.97	- 68
	Zambales	269,00	3,714.40	OS 127	06.612	0#:007	033.50	1,436.10		<u>?</u>	2		)   
egion IV-A					:								
	Aurora	160.00	3,239.50	225.50	115.90	57.10	242.10	640.60		0.16	80.0	0.34	0.89
	Batangas	1,659.00	3,165.00	518.90	637.00	274.50	2,253.60	3,684.00	0.23	0.28	0.12	05.0	ō ÷
	Cavite	1,610.00	1,287.50	285.90	252.50	733.90	658 40	1 491 80		0.15	41.0	0.39	0.88
٠.	Caguira	1 538.00	0.355.1 8.706.60	650.40	368.50	231.20	793.50	2,043,60		0,10	90.0	0.22	0.56
	Rizal	1,312.00	1,308.90	244.80	66.80	143.40	782.80	1,237.80		0.05	0.11	0.60	96.0
	•				. 1.								
egion IV-B		400 04	040	217.80	173 38	135.00	138.82	665 09	0.51	0.40	0.32	0.32	1,55
	Occidental Mindom	30438	5 674 40	272.40	321.69	131.61	11,515,36	12,241.06	0.21	0.24	0.10	8.76	9.31
	Oriental Mindoro	608.62	4.066.50	336,52	734 70	66.56	355,50	1,493.29		0.47	0.04	0.23	0.35
	Palawan	503.35	11 942.40	695.83	504.18	175.66	1,363,74	2,739.41		0.21	20.0	0.56	1.12
	Romblon	216.09	1,215,00	285.21	262.76	74.20	810.83	1,433.00		0.51	41.0	1.58	2.80
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# ROAD DENSITY BY ADMINISTRATIVE CLASSIFICATION

					Ro	Road Length (km)				Ŗ	Road Density		
Region	Province	Population (in thousand)	Land Area (sq.km)	National Road	Provincial Road	City/Mun Road	Barangay Road	Total	National Road	Provincial Road	City/Mun Road	Barangay Road	Total
v noigav	Albay	1,005.00	2,552.60	386.50	374.70	197.40	683.90	1,642.50	0.24	0.23	0.12	0.43	1.83
	Camarines Norte	439.00	2,112,50	197.10	134.80	85.50	315.30	733.70	0.20	4.0	0.09	68.6	0.76
	Camarines Sur	1,434.00	5,266.80	504.90	689.20	432.20	2,092.90	3,719.20	2 4	0.25	0.5	9 6	3 5
	Catanduanes	202.00	3312.50	377 01	117.80	92.38	445.83	1 033.03	0 73	000	0.07	3 4	0.80
	Sorsogon	592.00	2,141.40	295.20	231.10	113.50	410.10	1,049.90	0.26	0.21	0.10	0.36	0.93
					,				-				
Region VI	Aklan	410.54	1,835.00	140.57	286.09	80.29	653.61	1,150.56	0.16	0.33	0.0	0.75	<u>4</u>
	Antique	414.61	2,428.70	370.30	96.70	93.92	753.59	1,314.51	0.37	0.10	0.09	0.75	 FG.
	Capiz	624.47	2,478.80	333.43	365.56	109.03	877.42	1,685.44	0.27	0.29	60.0	17.0	33
	loilo G	1,749.56	4,795.00	864.16	671.55	252.12	2,073.20	3,861.02	0.00 5.00 5.00 5.00 5.00 5.00 5.00 5.00	0.23	90.0 0.0	0.72	3 5
	Guimaras Negros Occidental	2,434.19	6,133.10	1,007.93	808.34	450.71	3,605.20	5,872.19	0.26	0.27	0.12	0.93	1.52
	,						:						
Region VII		100 100	700	07 37E	200 56	254 43	1 103 10	78 050 0	7.1		7,	. 0	5
	Robol	975.34	26.45	583.79	878.58	323.72	2.633.22	4.419.31	0.29	0.44	0.16	1.31	222
- 1: - 1: - 1:	Cebu	2,729.48	4,566.40	642.54	950.07	593.12	1,645.60	3,831,33	0.18	0.27	0.17	0.47	1.09
.:	Siquijor	73.76	339.60	75.33	184.81	25.57	80.43	366.14	0.48	1.17	0.16	0.51	2.31
1				:									: .
Region VIII	9	1 511 25	5 631 70	903.06	88 267	346.50	1 676 29	3 423 73	0.31	0.17	0.12	0.57	1.17
	Southern Leyte	286.84	1,448.30	282.47	350.75	80.71	581.70	1,295.64	4.0	0.54	0.13	0.00	2.01
	Eastern Samar	362.32	3,965.10	278.63	250.42	155.65	1,124.86	1,809,55	0.23	0.21	0.13	0.94	15.
	Northern Samar	421.41	3,425.10	185.69	146.69	89.37	304.73	726.48	D.15	0.12	0.07	0.25	00.0
	Samar(Western Sam	510.14	5,385.10	312.82	135.17	63.13	395.18	906.30	0.70	0.00	0.0 4. ñ	45.0	U. 6
	Diffran	124.3b	45/.90	100.20	04.42	10.00	49.177	16.04	2	<u>.</u>	<u>.</u>	200	00.
Region IX					4 : :								
	Zamboanga Del Norte	770.70	6,648 00	392.75	699.30	343.55	2,157.81	3,593.40	0.17	0.3	0.15	0.95	55
i i	Zamboanga Del Sur	1,728.40	6,857.70	551.97	731.10	542.91	3,077.06	4.903.04 859.80	9. C	0.27	9 6		7.4.7
	Daslian	00.062	07.136,	2.50	07:677	7	00.030	00:500	2	Š	3	3	<u> </u>
Region X				-11			, ;						
	Bukidnon	940.40	8,655.90	661.73	787.11	400.94	2,898.09	4,747,87	0.23	0.28	0.14	1.02	1.66
	Misamis Occidental	458.97	1,898.80	207.06	507.86	241.29	1,396.92	2,353,13	0.22	45.0	97.0	9,7	7.52
	Misamis Chental	6804	02.062,6	202.42	88.88 88.88	27.777	90.091	340.40	0.51	0.77	0.72	282	2.72
								:					<u> </u>
Region XI									:				
	Davao	1 114 45	7,758.40	353.34	985.85	305.23	1,501.55	3,145.97	0.12	0.34	0.10	0.51	1.07
	Davao Del Sur	1,667,26	5,226.90	524.00	425.71	525.68	2,519,48	3,994.86	0.18	4 6	0.18	58.6	8 6
	South Cotabato	948.33	4.223.10	184.87	1 012.50	353.75	1:644.25	3,195,37	60.0	0.51	0.18	0.82	9
	Sarangani	367.01	3,306.50	311.11		344.18	1,759.90	2,415.19	0.28	•	0.31	1.60	2.19
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# ROAD DENSITY BY ADMINISTRATIVE CLASSIFICATION

					Ros	Road Length (km)				ጿ	Road Density		
Region	Province	Population (in thousand)	Land Area (sq.km)	National Road	Provincial Road	City/Mun Road	Barangay Road	Totai	National Road	Provincial Road	City/Mun Road	Barangay Road	Total
													<u></u>
Region XII	Londo Del Morte	713 79	3.092.00	225.49	279.02	303.71	1,083.40	1,891.61	0.15	0.19	0.20	0.73	1.27
	Cotabato	862.67	6,565,90	549.67	447.86	190.13	662.61	1,850.27	0.23	0.19	0.08	0.28	0.78
	Sultan Kudarat	522.19	4,714.90	167.08	614.30	115,19	1,282.80	2,179.37	0.11	0.39	0.07	0.87	20.00
	Cotabato City	146.78	143.50	8.07	1	33.24	7.92	49.22	0.00		0.23		3 %
	Marawi City	114.39	68.90	24.10		27.43	C9.99	118.18	77.0	1	2	?	}
Region XIII		9	0,000	ç	222 80	157 24	600.85	1 210 26	0.20	0.21	0.14	0.55	1.10
	Agusan Dei Norte	24,410	9 407 90	302.72	266.81	161.81	761.26	1,492.61	0.14	0.12	0.07	0.35	88.0
	Surioso Del Norte	256.56	1,207,90	398.42	340,57	261.09	886.80	1,886.87	0.72	0.61	0.47	1.59	න :
	Surigao Del Sur	471.26	4,662.84	356.67	278.61	111.91	934.22	1,681.41	0.24	0.19	0.08	 	r. 63
ARMM										1	1		
	Lanac Del Sur	571.80	3,872.90	260.99	416.62	244.60	2,936.65	3,858.85	0.18	0.28	0.16	7 (	9 6
	Maguindanao	662.18	5,176.10	235.70	336.80	108,56	1,049.54	1,730.60	0.13	0.18	90.0	0.00	2 .
	Suin	536.00	1,600.40	134,00	217.40	19.50	655.40	1,026.30	4.0	0.23	20.02	7.00	- (
	Tawi-tawi	251.00	1,087.40	935.00	29.90	26.40	184.70	1,176.00	1.79	900	co.	0000	07.7