PIARC Rural Transport Seminar
Theme – RURAL TRANSPORT – KEY ELEMENT of DEVELOPMENT
Presentation of Paper on SUSTAINABLE ROAD MAINTENANCE IN VIET NAM
by Roger Weatherell, WSP and Tran Tien Son, MoT, Viet Nam

RT2

REHABILITATION

MAINTENANCE

THE AVERAGE COMMUNE (1)

<table>
<thead>
<tr>
<th>Unit</th>
<th>National</th>
<th>Province</th>
<th>District</th>
<th>Commune</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number</td>
<td>1</td>
<td>57 / 61</td>
<td>500</td>
<td>10,000</td>
</tr>
<tr>
<td>Surface Area</td>
<td>km²</td>
<td>333,000</td>
<td>5,500</td>
<td>660</td>
</tr>
<tr>
<td>Size</td>
<td>km x km</td>
<td>-</td>
<td>75 x 75</td>
<td>25 x 25</td>
</tr>
<tr>
<td>Population</td>
<td>'000</td>
<td>80,000</td>
<td>1,300</td>
<td>160</td>
</tr>
<tr>
<td>Roads - National</td>
<td>km</td>
<td>8,600</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>- Provincial</td>
<td>km</td>
<td>18,000</td>
<td>300</td>
<td>-</td>
</tr>
<tr>
<td>- District</td>
<td>km</td>
<td>38,000</td>
<td>1,400</td>
<td>170</td>
</tr>
<tr>
<td>- Commune</td>
<td>km</td>
<td>47,000</td>
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</table>

10,000km of Commune + District Roads for Rehabilitation under RT2 = 12% total length
THE AVERAGE COMMUNE (2)

BUILDING MAINTENANCE CAPACITY

1. ACTUAL CAPACITY
2. INTENDED CAPACITY
3. POSSIBLE IMPROVEMENTS
4. REFINE
5. APPLY

Sustainable Maintenance Strategy

RT2 Provincial Engagement

<table>
<thead>
<tr>
<th>Year</th>
<th>Can Tho</th>
<th>Nha Trang</th>
<th>Da Nang</th>
<th>Hanoi</th>
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<tr>
<td>2002</td>
<td>2</td>
<td>3</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>2003</td>
<td>4</td>
<td>3</td>
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<td>3</td>
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<td>2004</td>
<td>3</td>
<td>4</td>
<td>2</td>
<td>3</td>
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Total: 8, 8, 8

Aug 2002 – 4 Annual Agreements Completed
Dec 2002 – 8 Annual Agreements Completed
Jun 2003 – 24 Annual Agreements Completed
Dec 2003 – 40 Annual Agreements Completed
INSTITUTIONAL ARRANGEMENTS FOR MAINTENANCE

Development Partners
- World Bank
- DFID
- MOT
- Consultants
- RT2
- PDOTs
- DDOTs
- Assembly
- PPC’s
- DPC
- Communes
- For Maintenance

Transport Sector

GoV

The End
PROMOTING A NEW MAINTENANCE CULTURE

MAJOR INLAND WATERWAYS – SOUTHERN VIET NAM

INSTITUTIONAL ARRANGEMENTS FOR REHABILITATION

SURFACING TRIALS