

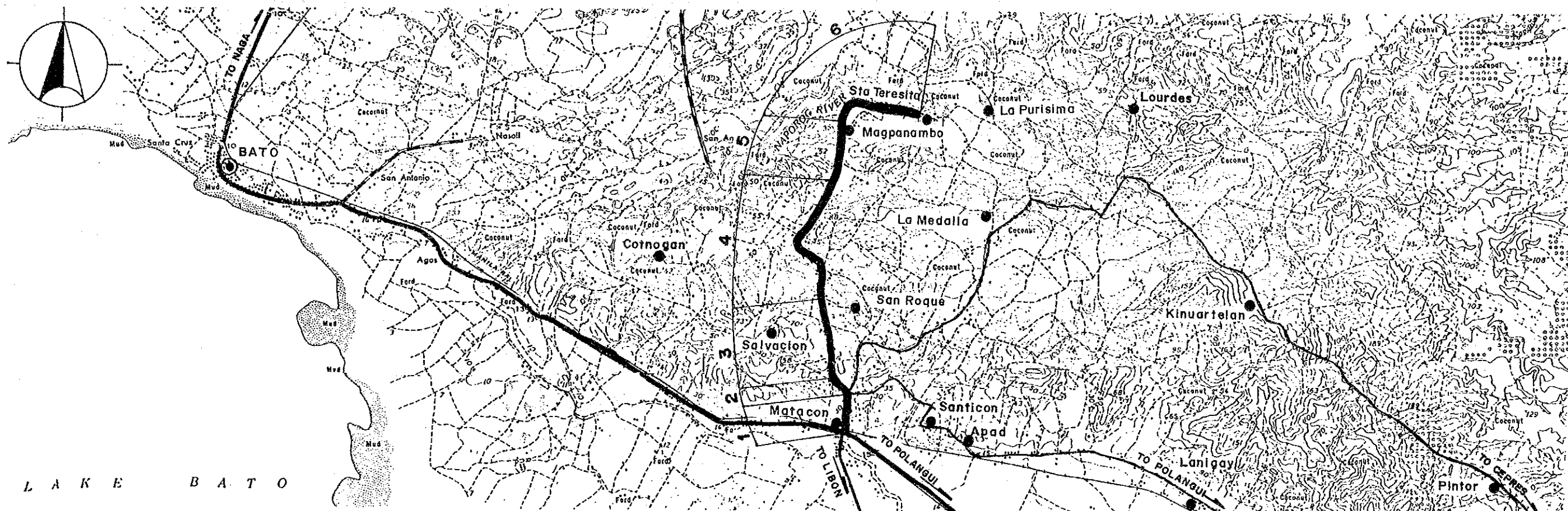
**THE FEASIBILITY STUDY ON THE RURAL ROAD NETWORK DEVELOPMENT PROJECT
IN THE REPUBLIC OF THE PHILIPPINES**

PRESENT CONDITION AND PROPOSED IMPROVEMENT

Scale
1:50,000

Drawing No.
30

Road No: P9 Road Name: MATACON-MAGPANAMPO ROAD
Location : POLANGUI, ALBAY



| Road Classification | Minor Road (Provincial Road) | | | | | |
|---------------------------|------------------------------|-------------------|--------------------|------------------|-------------------|-------------------|
| Total Length | 5.2 km | | | | | |
| Sub-section No. | 1 | 2 | 3 | 4 | 5 | 6 |
| Length (km) | .4 | .2 | 1.0 | 1.7 | .7 | 1.2 |
| Terrain | Flat | Rolling | Rolling | Rolling | Rolling | Flat |
| Existing Road Surface | 5.0-BTM (Bad) | 4.5-GRV (Fair) | 5.0-BTM (V.Bad) | 6.0-GRV (Bad) | 5.0-BTM (Fair) | 5.5-GRV (Fair) |
| Proposed Improvement Type | Rehabil. | Impr.-2 | Rehabil. | Rehabil. | Widening | Widening |
| Surface Type | * BMP | * BMP | * BMP | Gravel | * BMP | Gravel |
| Carriageway Width(m) | 6.0 | 6.0 | 6.0 | 6.0 | 5.0 | 6.0 |
| Shoulder Width (m) | 1.5 | 1.0 | 1.0 | .5 | 1.0 | 1.0 |
| Ref. Typical Section | TYPE 1-5 | TYPE 3-4 | TYPE 1-5 | TYPE 1-6 | TYPE 4-3 | TYPE 4-4 |

* DBST can be applied instead depending on conditions of subgrade, axle load, drainage, etc.

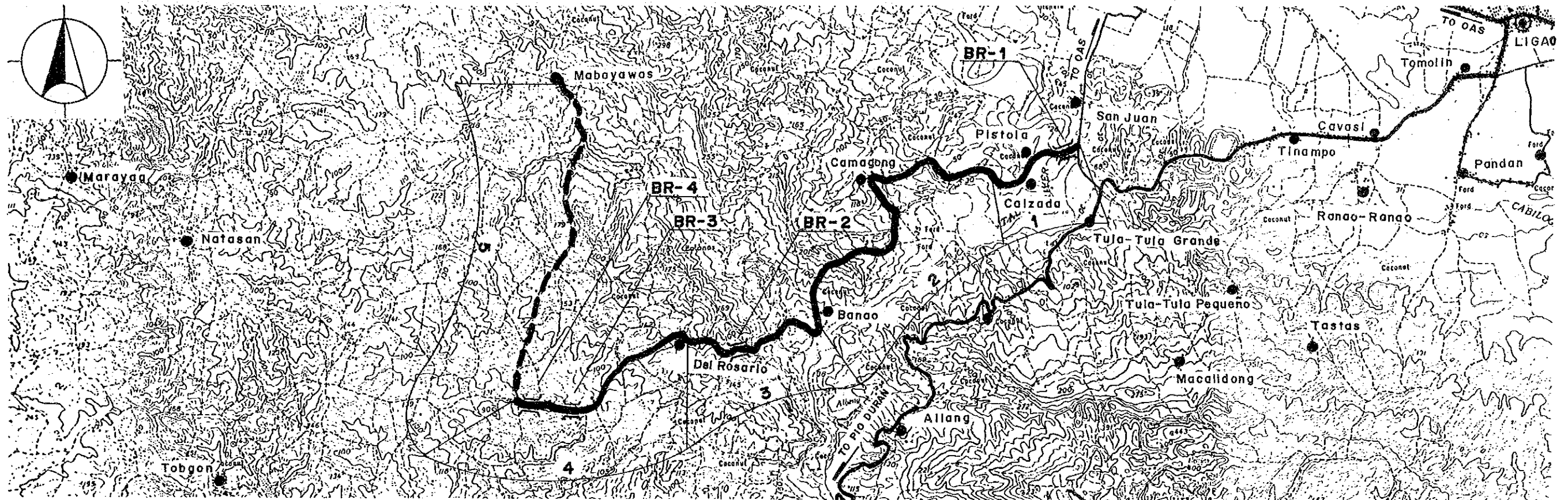
THE FEASIBILITY STUDY ON THE RURAL ROAD NETWORK DEVELOPMENT PROJECT
IN THE REPUBLIC OF THE PHILIPPINES

PRESENT CONDITION AND PROPOSED IMPROVEMENT

Scale
1:50,000

Drawing No.
31

Road No: P10 Road Name: SAN JUAN-MABAYAWAS ROAD
Location: OAS, ALBAY



| Road Classification | Minor Road (Provincial Road) | | | | |
|-----------------------|---|------------------|--------------------|--------------------|---------------------|
| Total Length | 14.0 km | | | | |
| Sub-section No. | 1 | 2 | 3 | 4 | 5 |
| Length (km) | 1.2 | 3.8 | 1.6 | 2.1 | 5.3 |
| Terrain | Flat | Rolling | Rolling | Rolling | Rolling |
| Existing Road Surface | 4.6-GRV (Fair) | 4.5-GRV (Bad) | 4.5-GRV (V.Bad) | 3.2-GRV (V.Bad) | 2.4-EAR (Impass) |
| Proposed Improvement | Widening Rehabil. Rehabil. Rehabil. Impr.-1 | | | | |
| Improvement Type | Gravel Gravel Gravel Gravel Gravel | | | | |
| Surface Type | Gravel Gravel Gravel Gravel Gravel | | | | |
| Carriageway Width(m) | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 |
| Shoulder Width (m) | 1.0 | .5 | .5 | .5 | .5 |
| Ref. Typical Section | TYPE 4-4 | TYPE 1-6 | TYPE 1-6 | TYPE 1-6 | TYPE 2-8 |
| Special Treatment | Steep Section Length | | | | |
| Steep Section Length | - | 200 | 100 | 100 | - |
| Bridge No. | BR-1 | BR-2 | BR-3 | BR-4 | |
| Existing Type | Bailey | Timber | Timber | Timber | |
| Length (m) | 55 | 7 | 11 | 12 | |
| Proposed Type | 2Lane-Br | 2cell-BC | 2Lane-Br | 2Lane-Br | |
| Length (m) | 55 | 8 | 11 | 12 | |
| No. of Spans | 3 | 2 | 1 | 1 | |

**THE FEASIBILITY STUDY ON THE RURAL ROAD NETWORK DEVELOPMENT PROJECT
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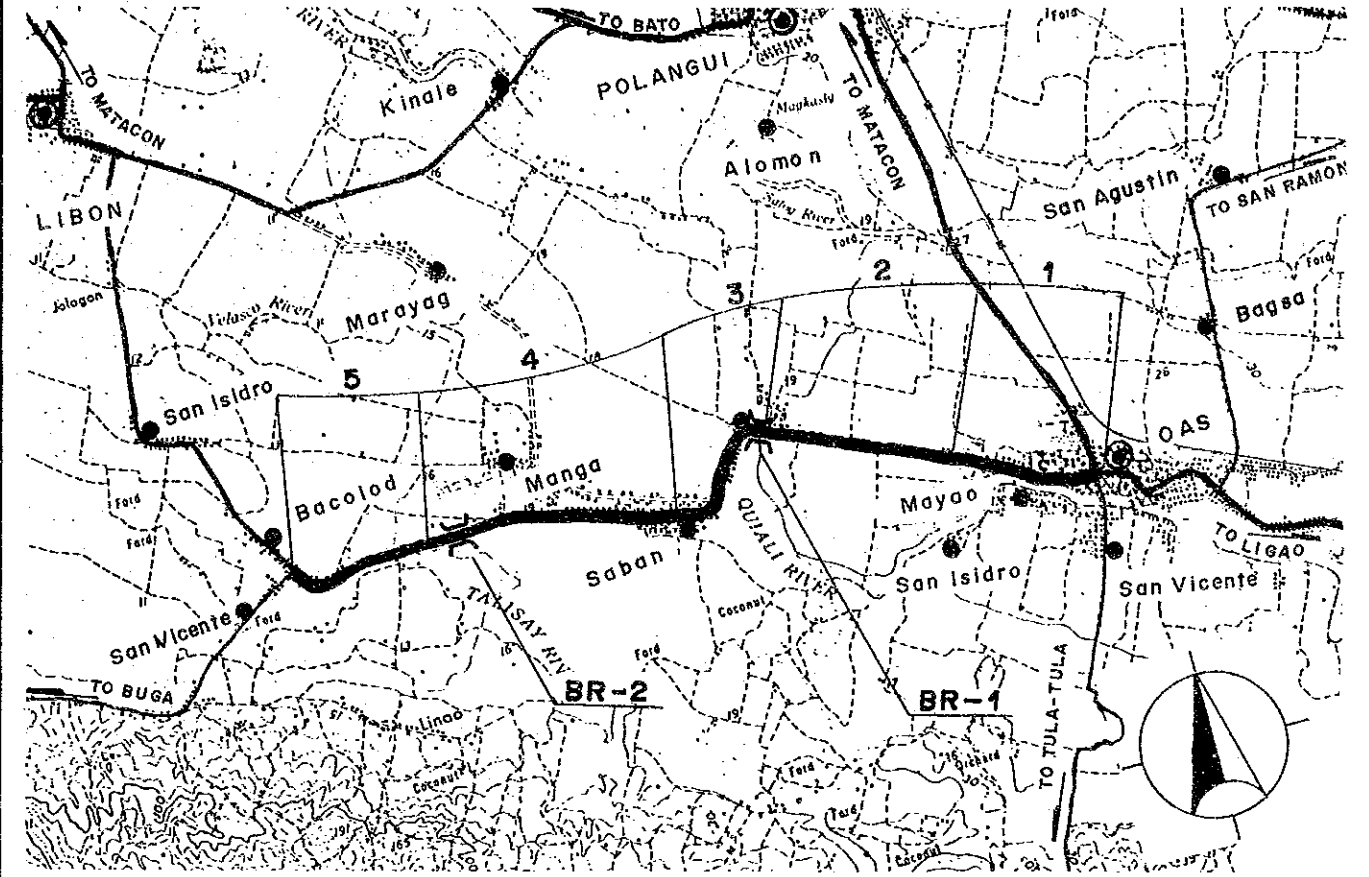
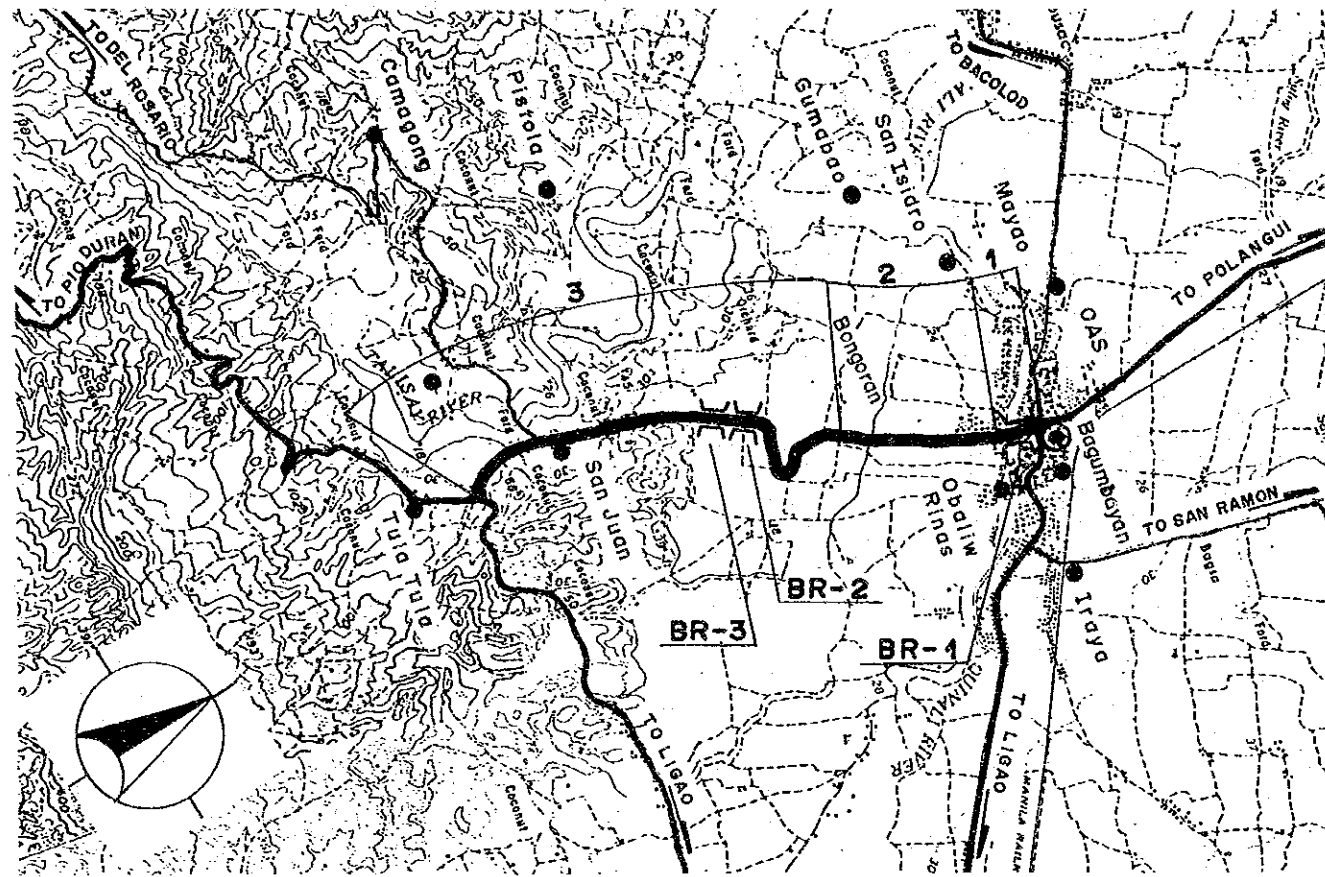
PRESENT CONDITION AND PROPOSED IMPROVEMENT

Scale
1:50,000

Drawing No.
32

Road No: P11 Road Name: OAS-TULA-TULA ROAD
Location : OAS, ALBAY

Road No: P12 Road Name: OAS-BUSAC-SABAN-BACOLOD ROAD
Location : OAS & LIBON, ALBAY



| Road Classification | Minor Road(Provincial Road) | | |
|-----------------------|-----------------------------|-------------------|------------------|
| Total Length | 4.1 km | | |
| Sub-section No. | 1 | 2 | 3 |
| Length (km) | .3 | 1.1 | 2.7 |
| Terrain | Flat | Flat | Flat |
| Existing Road Surface | 5.0-BTM (V.Bad) | 5.5-GRV (Fair) | 5.5-GRV (Bad) |
| Proposed Improvement | Rehabil. | Widening | Rehabil. |
| Improvement Type | | | |
| Surface Type | * BMP | Gravel | Gravel |
| Carriageway Width(m) | 6.0 | 6.0 | 6.0 |
| Shoulder Width (m) | 1.5 | 1.0 | 1.0 |
| Ref. Typical Section | TYPE 1-5 | TYPE 4-4 | TYPE 1-6 |
| Special Treatment | | | |
| Flood Section Length | - | - | 200 |
| Height | - | - | .2 |
| Bridge No. | BR-1 | BR-2 | BR-3 |
| Existing Type | Concrete | Concrete | Timber |
| Length (m) | 45 | 24 | 7 |
| Proposed Type | - | - | 2cell-BC |
| Length (m) | - | - | 7 |
| No. of Spans | - | - | 2 |

* DBST can be applied instead depending on conditions of subgrade, axle load, drainage, etc.

| Road Classification | Minor Road (Provincial Road) | | | | |
|-----------------------|------------------------------|-------------------|------------------|--------------------|------------------|
| Total Length | 6.3 km | | | | |
| Sub-section No. | 1 | 2 | 3 | 4 | 5 |
| Length (km) | 1.1 | 1.3 | 1.0 | 1.8 | 1.1 |
| Terrain | Flat | Flat | Flat | Flat | Flat |
| Existing Road Surface | 4.0-BTM (Bad) | 6.0-GRV (Fair) | 4.0-BTM (Bad) | 4.0-BTM (V.Bad) | 4.5-GRV (Bad) |
| Proposed Improvement | Rehabil. | - | Rehabil. | Rehabil. | Rehabil. |
| Improvement Type | | | | | |
| Surface Type | * BMP | - | * BMP | * BMP | Gravel |
| Carriageway Width(m) | 6.0 | - | 6.0 | 6.0 | 6.0 |
| Shoulder Width (m) | 1.5 | - | 1.5 | 1.5 | 1.0 |
| Ref. Typical Section | TYPE 1-5 | - | TYPE 1-5 | TYPE 1-5 | TYPE 1-6 |
| Bridge No. | BR-1 | BR-2 | | | |
| Existing Type | Concrete | Concrete | | | |
| Length (m) | 9 | 60 | | | |
| Proposed Type | - | - | | | |
| Length (m) | - | - | | | |
| No. of Spans | - | - | | | |

* DBST can be applied instead depending on conditions of subgrade, axle load, drainage, etc.

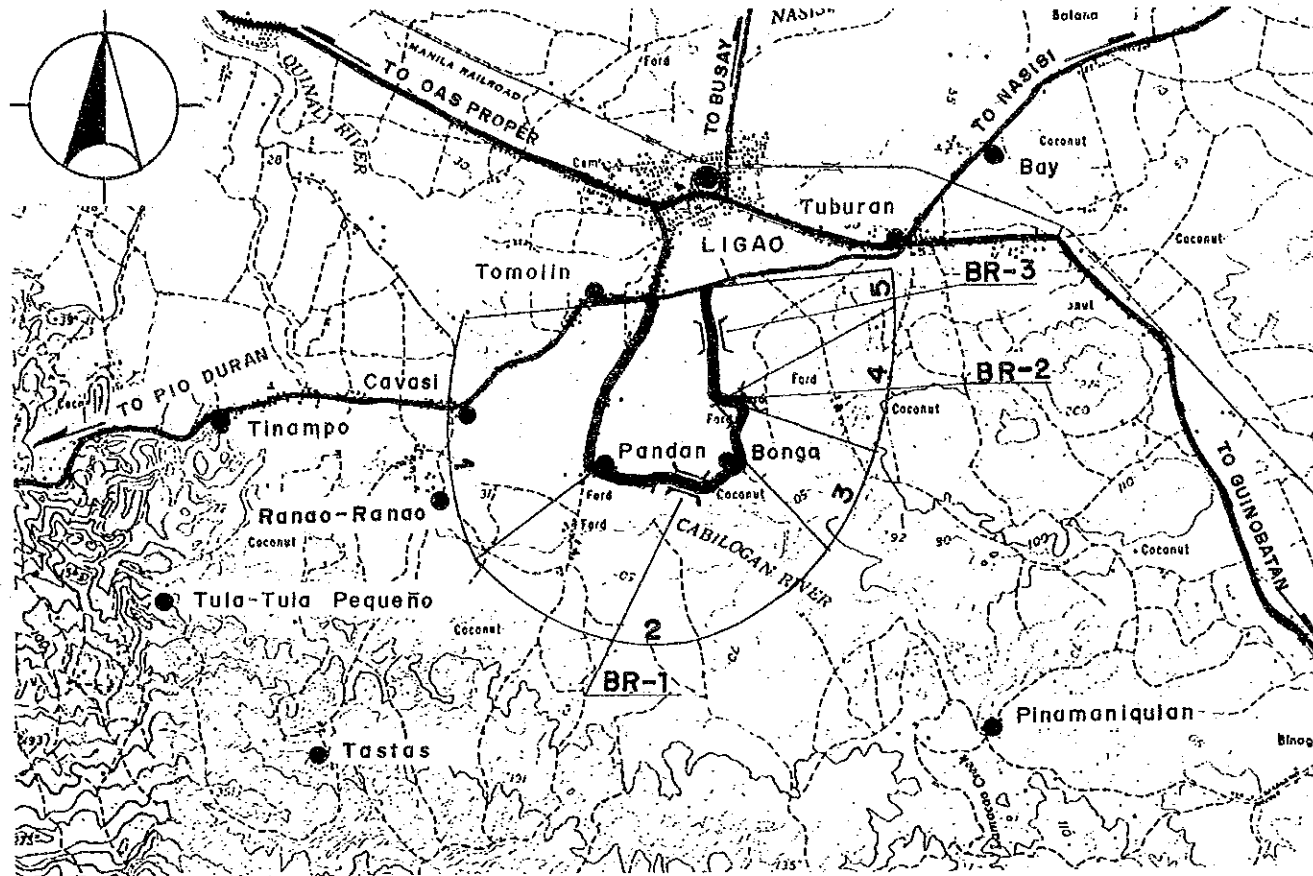
**THE FEASIBILITY STUDY ON THE RURAL ROAD NETWORK DEVELOPMENT PROJECT
IN THE REPUBLIC OF THE PHILIPPINES**

PRESENT CONDITION AND PROPOSED IMPROVEMENT

Scale
1:50,000

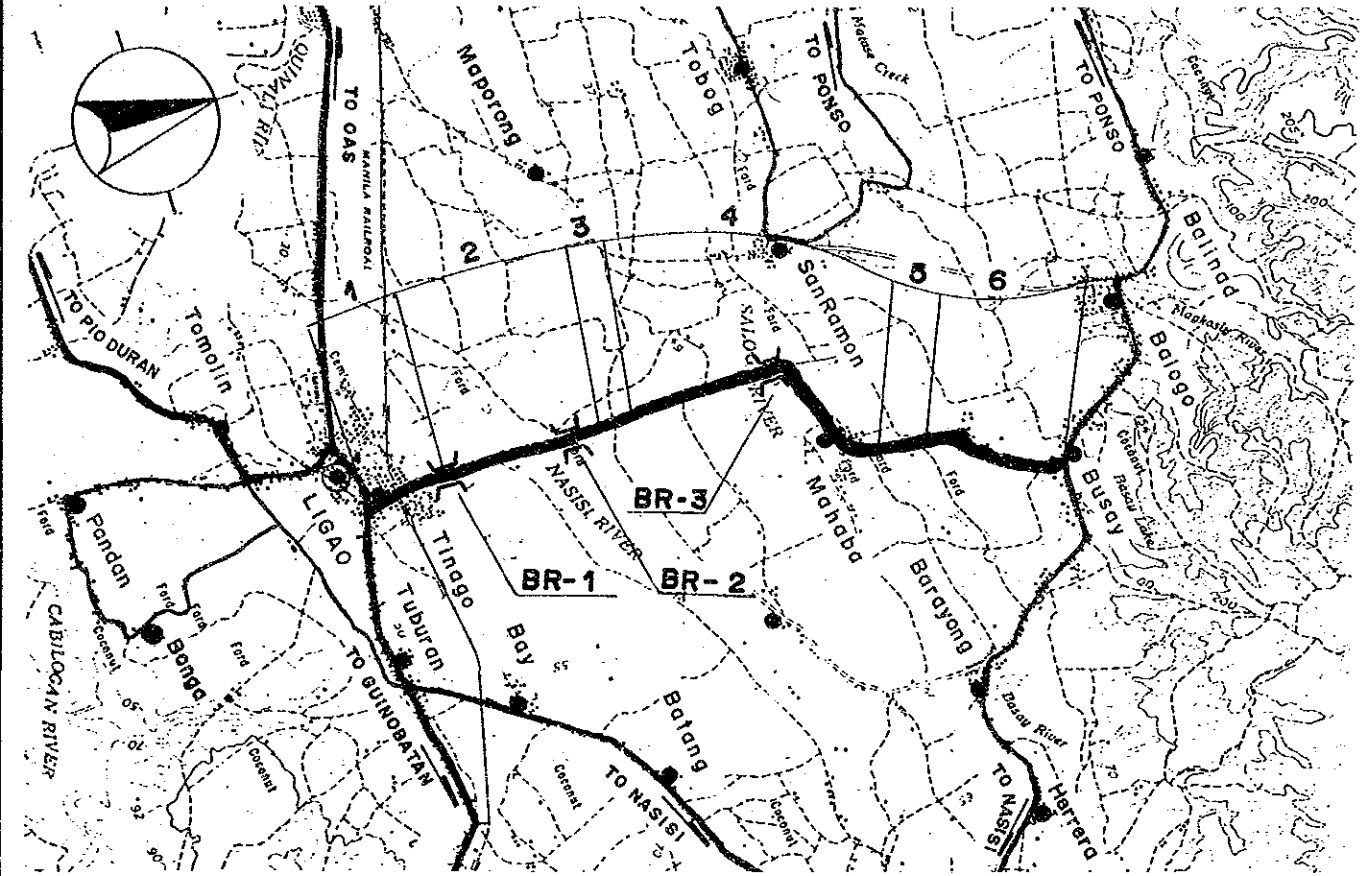
Drawing No.
33

Road No: P16 Road Name: STA. CRUZ-PANDAN-BONGA ROAD
Location : LIGAO, ALBAY



| Road Classification | Minor Road (Provincial Road) | | | | |
|-----------------------|------------------------------|------------------|------------------|------------------|-------------------|
| Total Length | 5.9 km | | | | |
| Sub-section No. | 1 | 2 | 3 | 4 | 5 |
| Length (km) | 1.9 | 1.6 | .7 | .4 | 1.3 |
| Terrain | Flat | Flat | Rolling | Rolling | Flat |
| Existing Road Surface | 5.5-GRV (V.Bad) | 5.5-GRV (Bad) | 6.0-GRV (Bad) | 5.5-EAR (Bad) | 4.5-GRV (Fair) |
| Proposed Improvement | Rehabil. | Rehabil. | Rehabil. | Impr.-1 | Widening |
| Improvement Type | Gravel | Gravel | Gravel | Gravel | Gravel |
| Surface Type | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 |
| Carriageway Width(m) | 1.0 | 1.0 | .5 | .5 | 1.0 |
| Shoulder Width (m) | TYPE 1-6 | TYPE 1-6 | TYPE 1-6 | TYPE 2-8 | TYPE 4-4 |
| Ref. Typical Section | | | | | |
| Special Treatment | | | | | |
| Flood Section Length | 1100 | - | - | 100 | - |
| Height | 1.5 | - | - | 1.0 | - |
| Bridge No. | BR-1 | BR-2 | BR-3 | | |
| Existing Type | Timber | Timber | Timber | | |
| Length (m) | 18 | 25 | 7 | | |
| Proposed Type | 2Lane-Br | 2Lane-Br | 2cell-BC | | |
| Length (m) | 19 | 35 | 8 | | |
| No. of Spans | 1 | 2 | 2 | | |

Road No: P17 Road Name: LIGAO-TINAGO-MAHABA-BUSAY ROAD
Location : LIGAO, ALBAY



| Road Classification | Minor Road (Provincial Road) | | | | | |
|-----------------------|------------------------------|-------------------|--------------------|------------------|------------------|-------------------|
| Total Length | 5.6 km | | | | | |
| Sub-section No. | 1 | 2 | 3 | 4 | 5 | 6 |
| Length (km) | .5 | 1.1 | .2 | 2.2 | .2 | 1.4 |
| Terrain | Rolling | Flat | Flat | Flat | Flat | Flat |
| Existing Road Surface | 3.0-BTM (V.Bad) | 5.5-GRV (Fair) | 3.0-BTM (V.Bad) | 5.5-GRV (Bad) | 6.0-GRV (Bad) | 6.0-GRV (Fair) |
| Proposed Improvement | Rehabil. | Impr.-2 | Rehabil. | Impr.-1 | Impr.-1 | - |
| Improvement Type | * BMP | * BMP | * BMP | * BMP | * BMP | - |
| Surface Type | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | - |
| Carriageway Width(m) | 1.0 | 1.5 | 1.5 | 1.5 | 1.5 | - |
| Shoulder Width (m) | TYPE 1-5 | TYPE 3-4 | TYPE 1-5 | TYPE 2-4 | TYPE 2-4 | - |
| Ref. Typical Section | | | | | | |
| Bridge No. | BR-1 | BR-2 | BR-3 | | | |
| Existing Type | Concrete | Bailey | Concrete | | | |
| Length (m) | 12 | 37 | 45 | | | |
| Proposed Type | - | - | - | | | |
| Length (m) | - | - | - | | | |
| No. of Spans | - | - | - | | | |

* DBST can be applied instead depending on conditions of subgrade, axle load, drainage, etc.

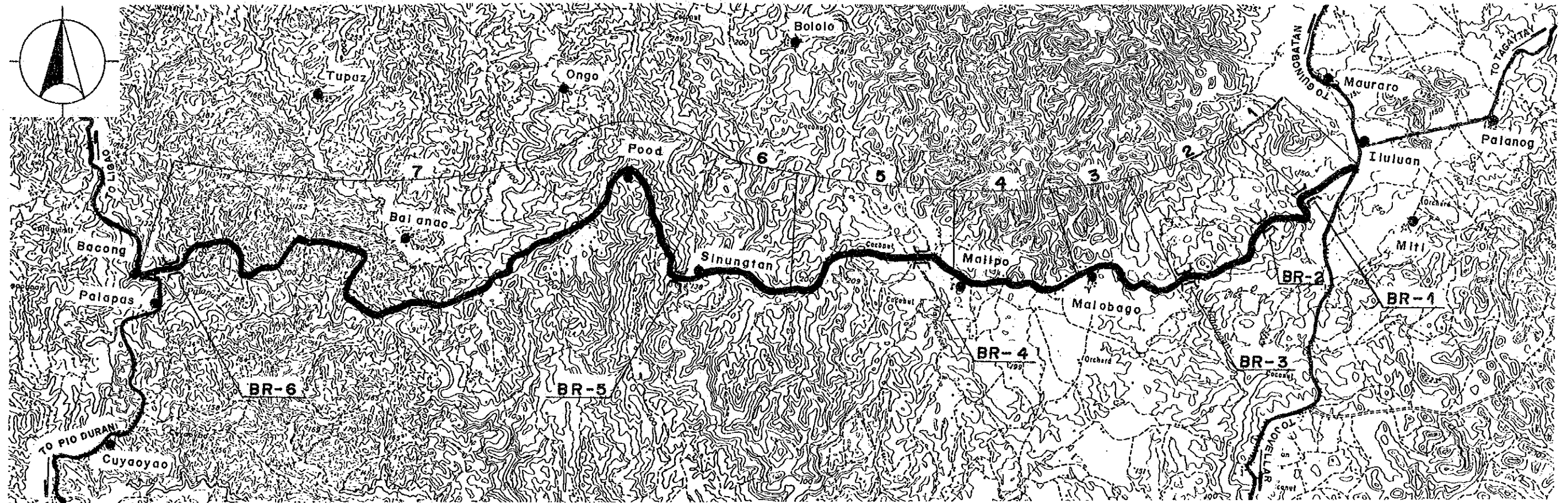
**THE FEASIBILITY STUDY ON THE RURAL ROAD NETWORK DEVELOPMENT PROJECT
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PRESENT CONDITION AND PROPOSED IMPROVEMENT

Scale
1:50,000

Drawing No.
34

Road No: P21 Road Name: MAURARO-GUMIAN-PALAPAS ROAD
Location : GUINOBATAN & LIGAO, ALBAY



| Road Classification | Minor Road (Provincial Road) | | | | | | |
|-----------------------|------------------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| Total Length | 20.0 km | | | | | | |
| Sub-section No. | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Length (km) | .8 | 2.3 | 1.5 | 1.7 | 2.3 | 1.8 | 9.6 |
| Terrain | Flat | Rolling | Rolling | Flat | Rolling | Rolling | Mt'nous |
| Existing Road Surface | 6.0-BTM (V.Bad) | 4.5-GRV (V.Bad) | 4.0-GRV (V.Bad) | 4.5-GRV (V.Bad) | 5.0-BTM (V.Bad) | 4.0-GRV (V.Bad) | 4.0-GRV (V.Bad) |
| Proposed Improvement | Rehabil. | Rehabil. | Rehabil. | Rehabil. | Rehabil. | Rehabil. | Rehabil. |
| Improvement Type | * BMP | Gravel | Gravel | Gravel | * BMP | Gravel | Gravel |
| Surface Type | | | | | | | |
| Carriageway Width(m) | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 |
| Shoulder Width (m) | 1.5 | .5 | .5 | 1.0 | 1.0 | .5 | .5 |
| Ref. Typical Section | TYPE 1-5 | TYPE 1-6 | TYPE 1-6 | TYPE 1-6 | TYPE 1-5 | TYPE 1-6 | TYPE 1-6 |
| Special Treatment | | | | | | | |
| Steep Section Length | - | - | - | - | 100 | - | - |
| Bridge No. | BR-1 | BR-2 | BR-3 | BR-4 | BR-5 | BR-6 | |
| Existing Type | Concrete | Concrete | Concrete | Concrete | Concrete | RCBC | |
| Length (m) | 16 | 10 | 18 | 18 | 30 | 26 | |
| Proposed Type | - | - | - | - | - | 2Lane-Br | |
| Length (m) | - | - | - | - | - | 26 | |
| No. of Spans | - | - | - | - | - | 2 | |

* DBST can be applied instead depending on conditions of subgrade, axle load, drainage, etc.

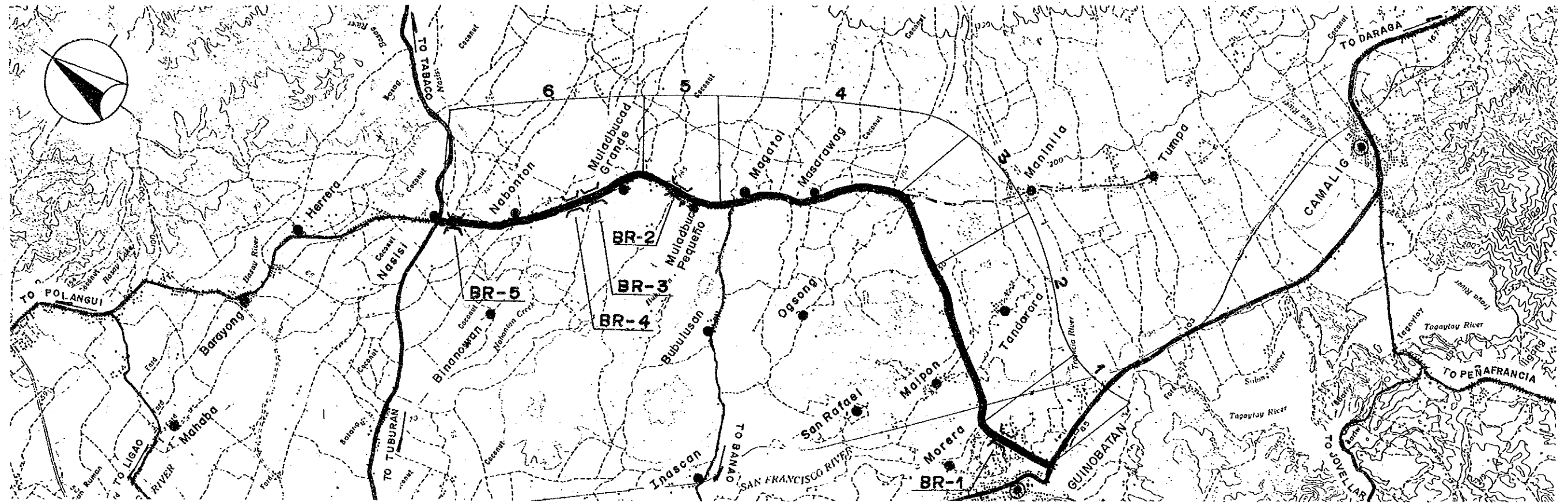
**THE FEASIBILITY STUDY ON THE RURAL ROAD NETWORK DEVELOPMENT PROJECT
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PRESENT CONDITION AND PROPOSED IMPROVEMENT

Scale
1:50,000

Drawing No.
35

Road No: P22 Road Name: GUINOBATAN-NASISI ROAD
Location : GUINOBATAN & LIGAO, ALBAY



| Road Classification | Minor Road (Provincial Road) | | | | | |
|-----------------------|------------------------------|-------------------|--------------------|--------------------|------------------|--------------------|
| Total Length | 9.8 km | | | | | |
| Sub-section No. | 1 | 2 | 3 | 4 | 5 | 6 |
| Length (km) | 1.0 | 2.0 | 1.0 | 2.2 | 1.0 | 2.6 |
| Terrain | Rolling | Flat | Rolling | Flat | Flat | Flat |
| Existing Road Surface | 4.0-BTM (Bad) | 4.0-BTM (Fair) | 4.0-BTM (V.Bad) | 4.0-BTM (V.Bad) | 4.5-GRV (Bad) | 4.0-GRV (V.Bad) |
| Proposed Improvement | Rehabil. | Widening | Rehabil. | Rehabil. | Rehabil. | Rehabil. |
| Improvement Type | * BMP | * BMP | * BMP | * BMP | Gravel | Gravel |
| Surface Type | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 |
| Carriageway Width(m) | 1.0 | 1.5 | 1.0 | 1.5 | 1.0 | 1.0 |
| Shoulder Width (m) | TYPE 1-5 | TYPE 4-3 | TYPE 1-5 | TYPE 1-5 | TYPE 1-6 | TYPE 1-6 |
| Ref. Typical Section | 1000 | - | - | - | - | - |
| Special Treatment | .5 | - | - | - | - | - |
| Flood Section Length | | | | | | |
| Height | | | | | | |
| Bridge No. | BR-1 | BR-2 | BR-3 | BR-4 | BR-5 | |
| Existing Type | Spillway | Timber | Ford-Cr. | Ford-Cr. | Ford-Cr. | |
| Length (m) | 79 | 13 | - | - | - | |
| Proposed Type | - | 2Lane-Br | 2Lane-Br | 2Lane-Br | 2Lane-Br | |
| Length (m) | - | 13 | 100 | 72 | 200 | |
| No. of Spans | - | 1 | 5 | 3 | 8 | |

* DBST can be applied instead depending on conditions of subgrade, axle load, drainage, etc.

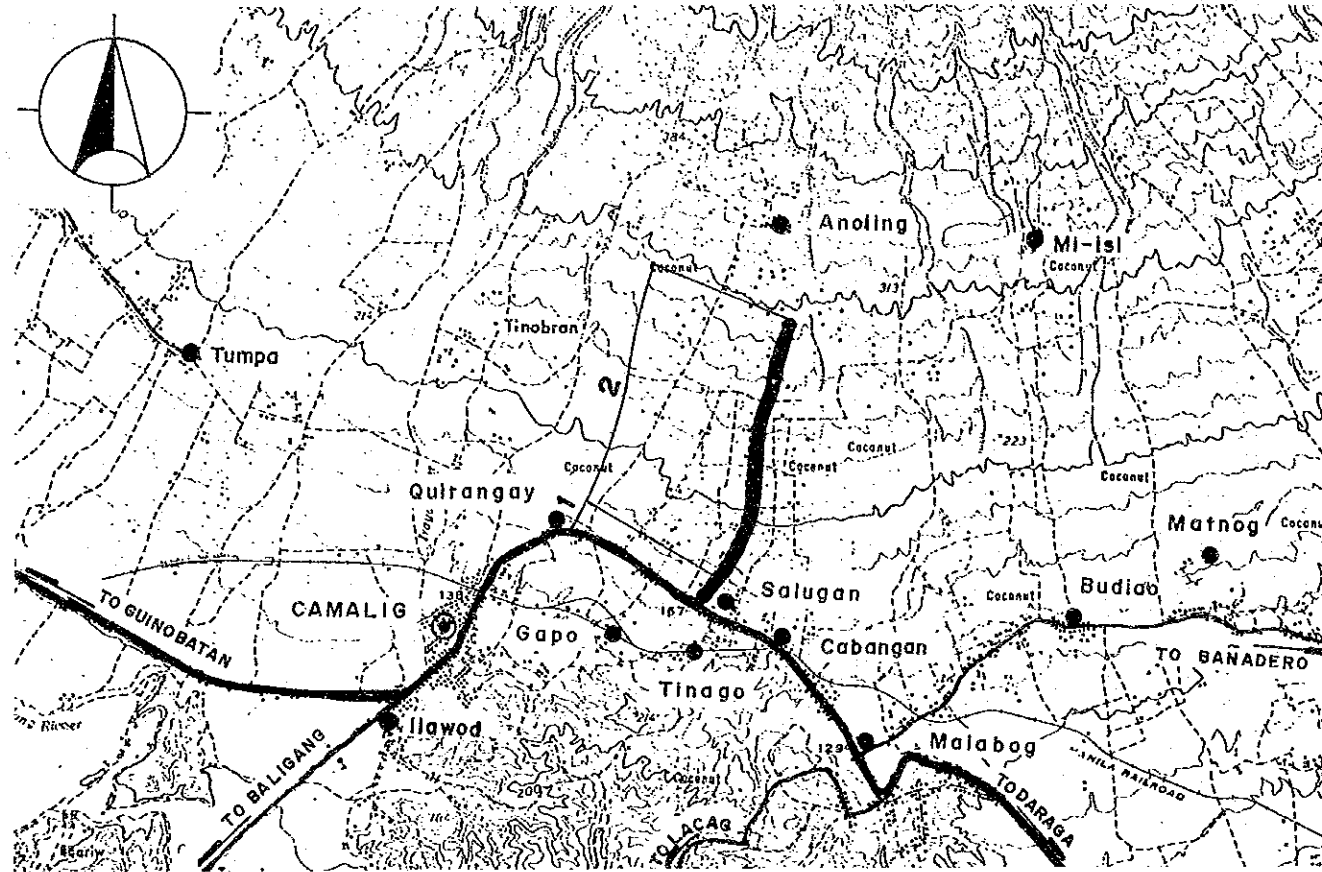
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PRESENT CONDITION AND PROPOSED IMPROVEMENT

Scale
1:50,000

Drawing No.
36

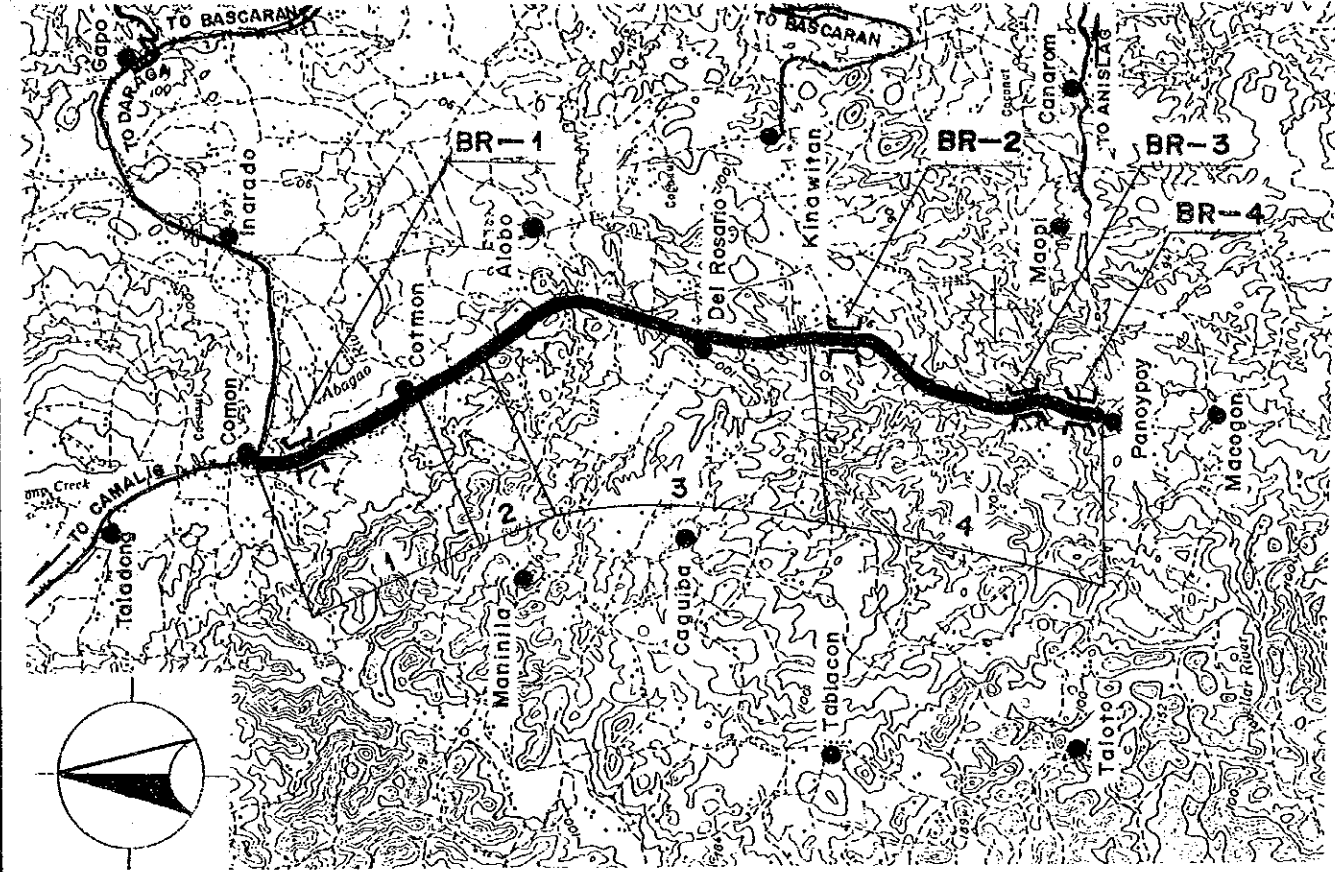
Road No: P24 Road Name: SALUGAN-ANOLING ROAD
Location: CAMALIG, ALBAY



| Road Classification | Minor Road (Provincial Road) | |
|-----------------------|------------------------------|---------------|
| Total Length | 2.0 km | |
| Sub-section No. | 1 | 2 |
| Length (km) | .2 | 1.8 |
| Terrain | Rolling | Rolling |
| Existing Road Surface | 3.0-BTM (Bad) | 2.4-GRV (Bad) |
| Proposed Improvement | Rehabil. | Rehabil. |
| Improvement Type | * BMP | Gravel |
| Surface Type | | |
| Carriageway Width(m) | 6.0 | 6.0 |
| Shoulder Width (m) | 1.0 | .5 |
| Ref. Typical Section | TYPE 1-5 | TYPE 1-6 |

* DBST can be applied instead depending on conditions of subgrade, axle load, drainage, etc.

Road No: P26 Road Name: COMUN-COTMON-PANOYPOY ROAD
Location: CAMALIG, ALBAY



| Road Classification | Minor Road (Provincial Road) | | | |
|-----------------------|------------------------------|-----------------|---------------|---------------|
| Total Length | 6.6 km | | | |
| Sub-section No. | 1 | 2 | 3 | 4 |
| Length (km) | 1.3 | .5 | 2.5 | 2.3 |
| Terrain | Flat | Flat | Rolling | Rolling |
| Existing Road Surface | 4.5-GRV (Bad) | 4.0-BTM (V.Bad) | 4.5-GRV (Bad) | 3.2-GRV (Bad) |
| Proposed Improvement | Rehabil. | Rehabil. | Rehabil. | Rehabil. |
| Improvement Type | Gravel | * BMP | Gravel | Gravel |
| Surface Type | | | | |
| Carriageway Width(m) | 6.0 | 6.0 | 6.0 | 6.0 |
| Shoulder Width (m) | 1.0 | 1.5 | .5 | .5 |
| Ref. Typical Section | TYPE 1-6 | TYPE 1-5 | TYPE 1-6 | TYPE 1-6 |
| Special Treatment | | | | |
| Flood Section Length | 800 | - | - | - |
| Height | 1.0 | - | - | - |
| Steep Section Length | - | - | 300 | 500 |
| Bridge No. | BR-1 | BR-2 | BR-3 | BR-4 |
| Existing Type | Concrete | Concrete | Timber | Timber |
| Length (m) | 7 | 24 | 19 | 7 |
| Proposed Type | - | - | 2Lane-Br | 2cell-BC |
| Length (m) | - | - | 19 | 7 |
| No. of Spans | - | - | 1 | 2 |

* DBST can be applied instead depending on conditions of subgrade, axle load, drainage, etc.

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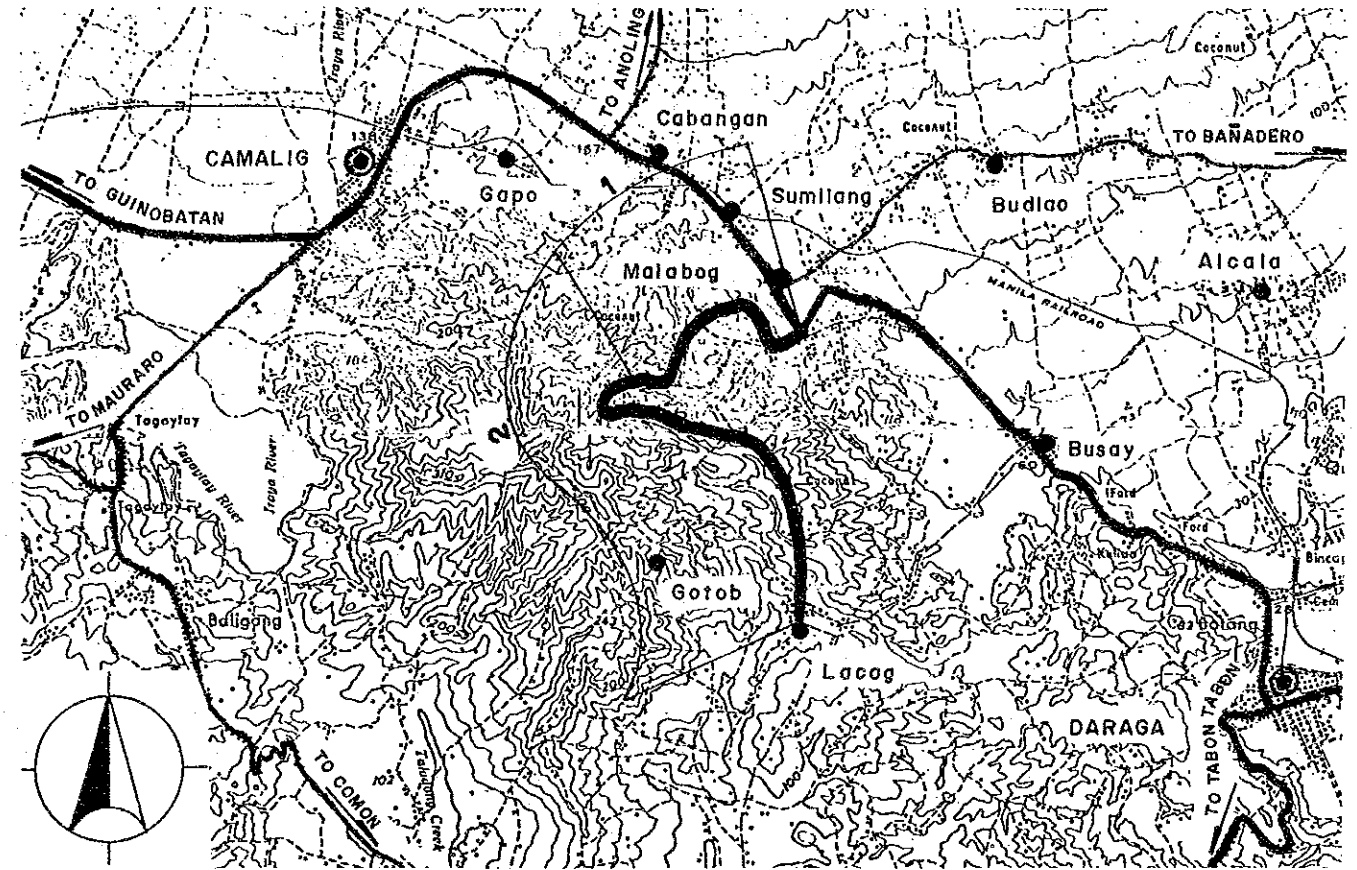
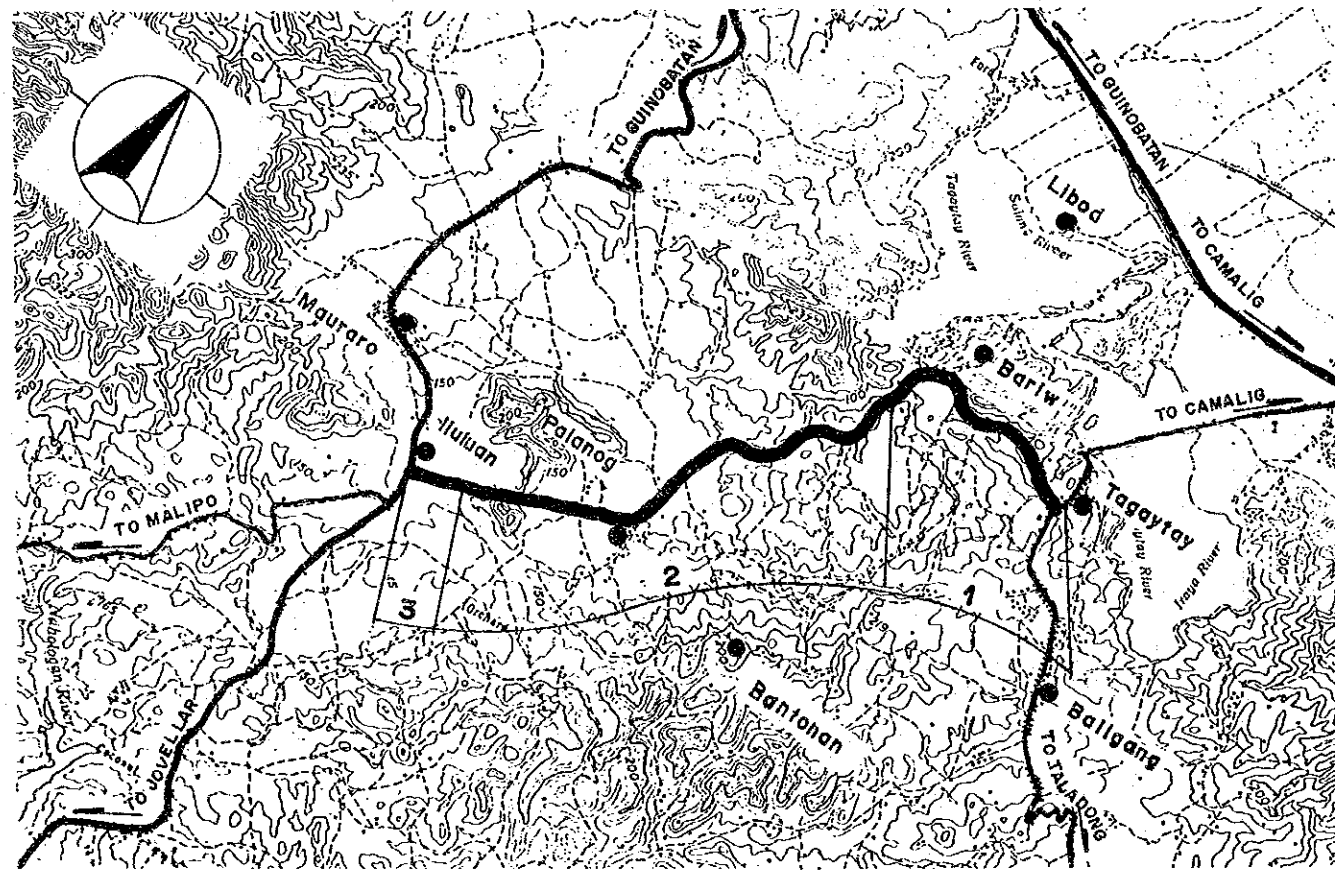
PRESENT CONDITION AND PROPOSED IMPROVEMENT

Scale
1:50,000

Drawing No.
37

Road No: P28 Road Name: TAGAYTAY-BARIW-MAURARO ROAD
Location : CAMALIG & GUINOBATAN, ALBAY

Road No: P30 Road Name: MALABOG-LACAG ROAD
Location : DARAGA, ALBAY



| | | | |
|-----------------------|------------------------------|--------------------|--------------------|
| Road Classification | Minor Road (Provincial Road) | | |
| Total Length | 5.7 km | | |
| Sub-section No. | 1 | 2 | 3 |
| Length (km) | 1.7 | 3.5 | .5 |
| Terrain | Rolling | Rolling | Rolling |
| Existing Road Surface | 4.0-BTM (Fair) | 4.0-BTM (V.Bad) | 4.0-BTM (V.Bad) |
| Proposed Improvement | Widening | Rehabil. | Rehabil. |
| Improvement Type | * BMP | * BMP | * BMP |
| Surface Type | | | |
| Carriageway Width(m) | 6.0 | 6.0 | 6.0 |
| Shoulder Width (m) | 1.0 | 1.0 | 1.0 |
| Ref. Typical Section | TYPE 4-3 | TYPE 1-5 | TYPE 1-5 |

* DBST can be applied instead depending on conditions of subgrade, axle load, drainage, etc.

| | | |
|-----------------------|------------------------------|------------------|
| Road Classification | Minor Road (Provincial Road) | |
| Total Length | 3.4 km | |
| Sub-section No. | 1 | 2 |
| Length (km) | 1.6 | 1.8 |
| Terrain | Rolling | Rolling |
| Existing Road Surface | 4.0-BTM (Fair) | 4.0-GRV (Bad) |
| Proposed Improvement | Widening | Rehabil. |
| Improvement Type | * BMP | Gravel |
| Surface Type | | |
| Carriageway Width(m) | 6.0 | 6.0 |
| Shoulder Width (m) | 1.0 | .5 |
| Ref. Typical Section | TYPE 4-3 | TYPE 1-6 |
| Special Treatment | | |
| Steep Section Length | 100 | 100 |

* DBST can be applied instead depending on conditions of subgrade, axle load, drainage, etc.

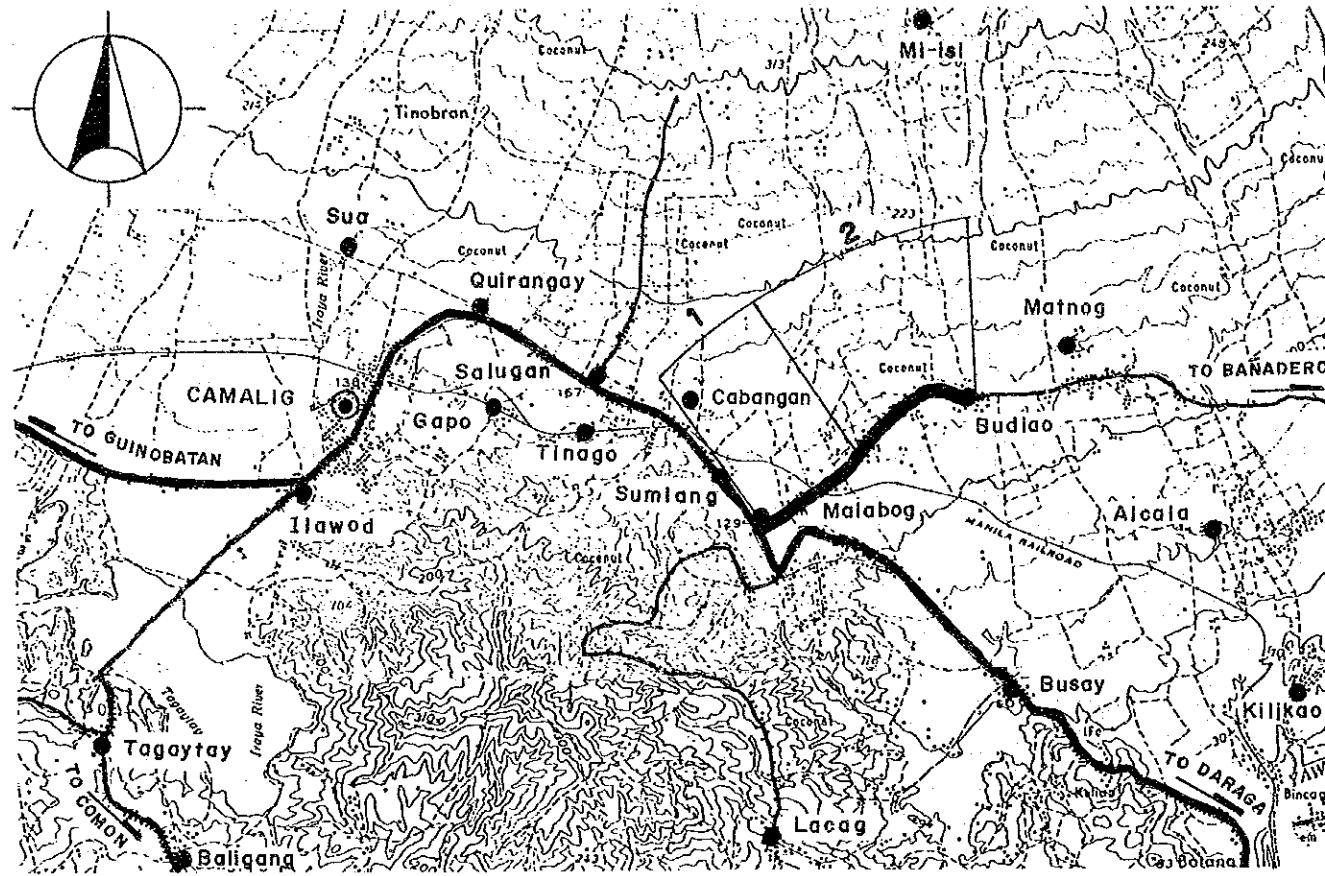
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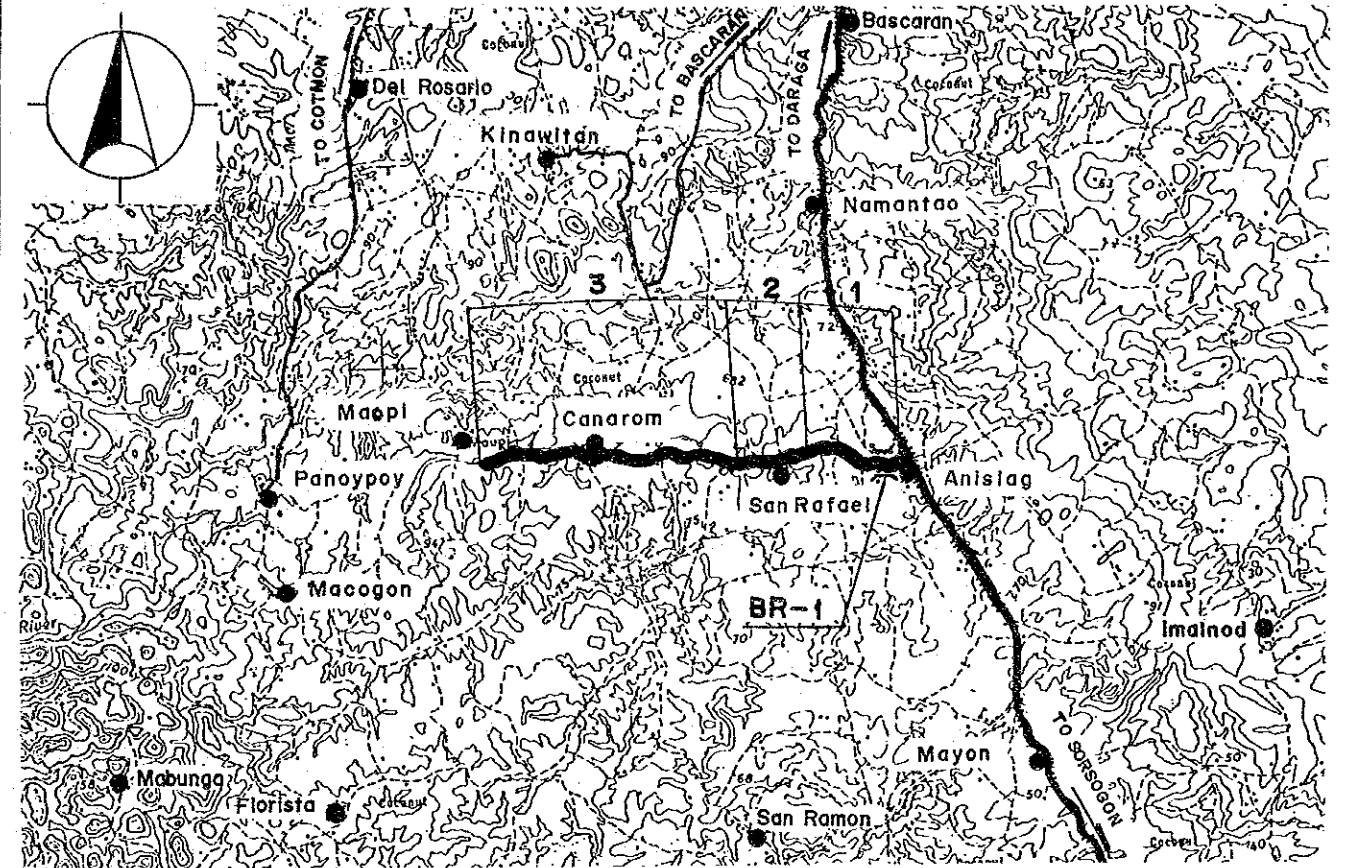
Drawing No.
38

Road No: P31 Road Name: MALABOG-BUDIAO ROAD
Location : DARAGA, ALBAY



| | | |
|-----------------------|------------------------------|----------------|
| Road Classification | Minor Road (Provincial Road) | |
| Total Length | 2.0 km | |
| Sub-section No. | 1 | 2 |
| Length (km) | .9 | 1.1 |
| Terrain | Rolling | Rolling |
| Existing Road Surface | 4.5-GRV (Bad) | 4.0-GRV (Fair) |
| Proposed Improvement | Rehabil. | Widening |
| Improvement Type | Gravel | Gravel |
| Surface Type | 6.0 | 6.0 |
| Carriageway Width(m) | .5 | .5 |
| Shoulder Width (m) | TYPE 1-6 | TYPE 4-4 |
| Ref. Typical Section | | |
| Special Treatment | | |
| Flood Section Length | 300 | 100 |
| Height | 2.0 | 2.0 |
| Steep Section Length | - | 100 |

Road No: P32 Road Name: ANISLAG-MAOPI ROAD
Location : DARAGA, ALBAY



| | | | |
|-----------------------|------------------------------|---------------|---------------|
| Road Classification | Minor Road (Provincial Road) | | |
| Total Length | 3.0 km | | |
| Sub-section No. | 1 | 2 | 3 |
| Length (km) | .7 | .5 | 1.8 |
| Terrain | Flat | Rolling | Rolling |
| Existing Road Surface | 3.2-GRV (Bad) | 3.2-GRV (Bad) | 3.2-GRV (Bad) |
| Proposed Improvement | Rehabil. | Rehabil. | Rehabil. |
| Improvement Type | Gravel | Gravel | Gravel |
| Surface Type | 6.0 | 6.0 | 6.0 |
| Carriageway Width(m) | 1.0 | .5 | .5 |
| Shoulder Width (m) | TYPE 1-6 | TYPE 1-6 | TYPE 1-6 |
| Ref. Typical Section | | | |
| Bridge No. | BR-1 | | |
| Existing Type | Timber | | |
| Length (m) | 7 | | |
| Proposed Type | 2cell-BC | | |
| Length (m) | 7 | | |
| No. of Spans | 2 | | |

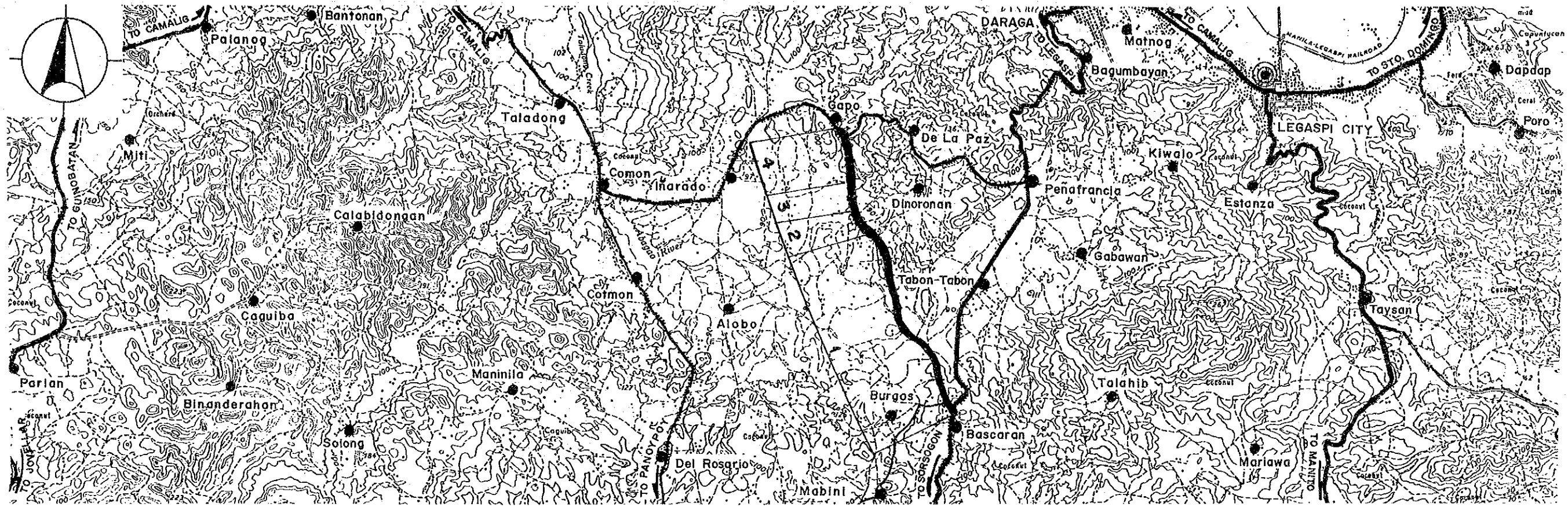
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PRESENT CONDITION AND PROPOSED IMPROVEMENT

Scale
1:50,000

Drawing No.
39

Road No: P33 Road Name: GAPO-PALANOG-BASCARAN ROAD
Location : DARAGA, ALBAY



| Road Classification | Minor Road (Provincial Road) | | | |
|-----------------------|-----------------------------------|------------------|--------------------|---------------------|
| Total Length | 3.3 km | | | |
| Sub-section No. | 1 | 2 | 3 | 4 |
| Length (km) | 6 | .3 | .3 | 2.1 |
| Terrain | Rolling | Rolling | Rolling | Rolling |
| Existing Road Surface | 2.8-GRV (Bad) | 3.2-GRV (Bad) | 2.8-EAR (V.Bad) | 2.4-EAR (Impass) |
| Proposed Improvement | Rehabil. Rehabil. Impr.-1 Impr.-1 | | | |
| Improvement Type | Gravel Gravel Gravel Gravel | | | |
| Surface Type | Gravel Gravel Gravel Gravel | | | |
| Carriageway Width(m) | 6.0 | 6.0 | 6.0 | 6.0 |
| Shoulder Width (m) | .5 | .5 | .5 | .5 |
| Ref. Typical Section | TYPE 1-6 | TYPE 1-6 | TYPE 2-8 | TYPE 2-8 |
| Special Treatment | | | | |
| Steep Section Length | 100 | - | 90 | - |

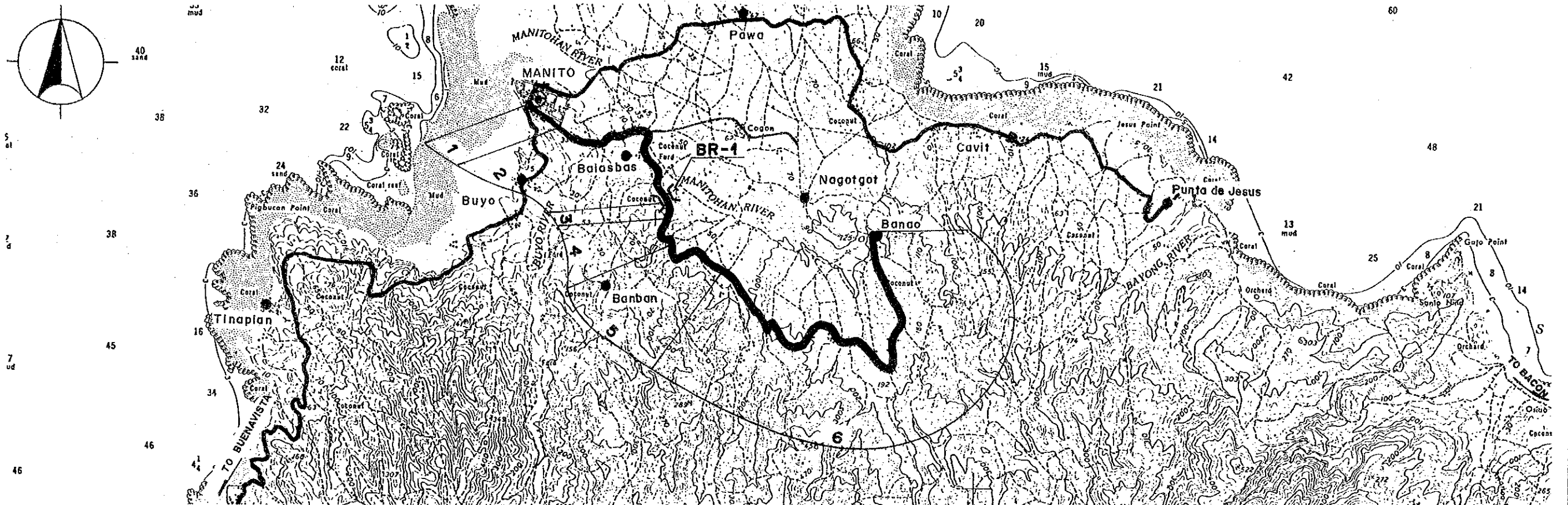
**THE FEASIBILITY STUDY ON THE RURAL ROAD NETWORK DEVELOPMENT PROJECT
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PRESENT CONDITION AND PROPOSED IMPROVEMENT

Scale
1:50,000

Drawing No.
40

Road No: P34 Road Name: MANITO-BALASBAS-BANAO ROAD
Location: MANITO, ALBAY



| Road Classification | Minor Road (Provincial Road) | | | | | |
|-----------------------|------------------------------|--------------------|--------------------|------------------|--------------------|---------------------|
| Total Length | 9.4 km | | | | | |
| Sub-section No. | 1 | 2 | 3 | 4 | 5 | 6 |
| Length (km) | .5 | 2.4 | .1 | .5 | 1.0 | 4.9 |
| Terrain | Flat | Mt'nous | Rolling | Flat | Rolling | Rolling |
| Existing Road Surface | 3.0-BTM (V.Bad) | 3.0-BTM (V.Bad) | 3.0-BTM (V.Bad) | 4.5-GRV (Bad) | 4.5-GRV (V.Bad) | 4.0-GRV (Impass) |
| Proposed Improvement | Rehabil. | Rehabil. | Rehabil. | Rehabil. | Rehabil. | Rehabil. |
| Improvement Type | * BMP | * BMP | * BMP | Gravel | Gravel | Gravel |
| Surface Type | | | | | | |
| Carriageway Width(m) | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 |
| Shoulder Width (m) | 1.5 | 1.0 | 1.0 | 1.0 | .5 | .5 |
| Ref. Typical Section | TYPE 1-5 | TYPE 1-5 | TYPE 1-5 | TYPE 1-6 | TYPE 1-6 | TYPE 1-6 |
| Special Treatment | | | | | | |
| Steep Section Length | - | 300 | - | - | - | - |
| Bridge No. | BR-1 | | | | | |
| Existing Type | Bailey | | | | | |
| Length (m) | 12 | | | | | |
| Proposed Type | - | | | | | |
| Length (m) | - | | | | | |
| No. of Spans | - | | | | | |

* DBST can be applied instead depending on conditions of subgrade, axle load, drainage, etc.

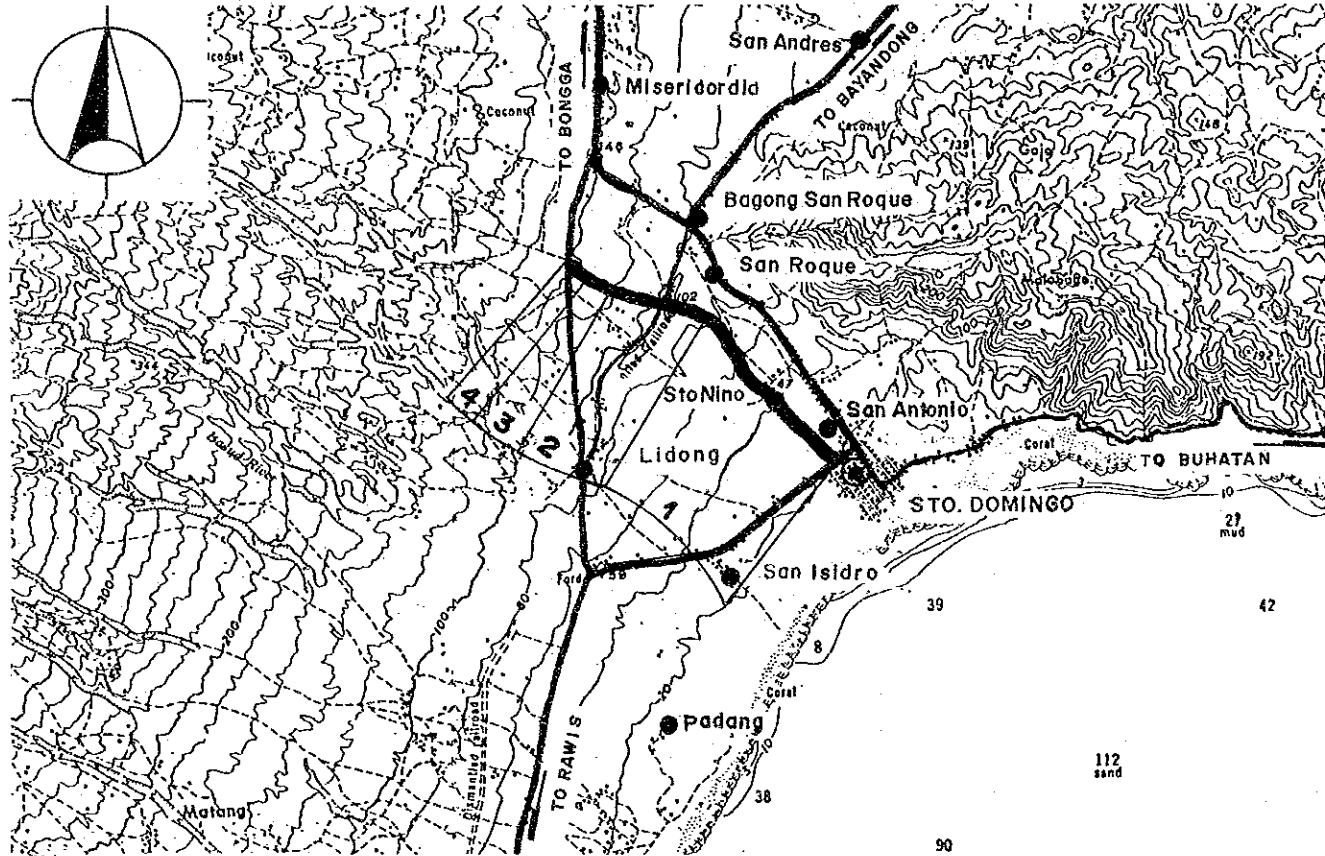
**THE FEASIBILITY STUDY ON THE RURAL ROAD NETWORK DEVELOPMENT PROJECT
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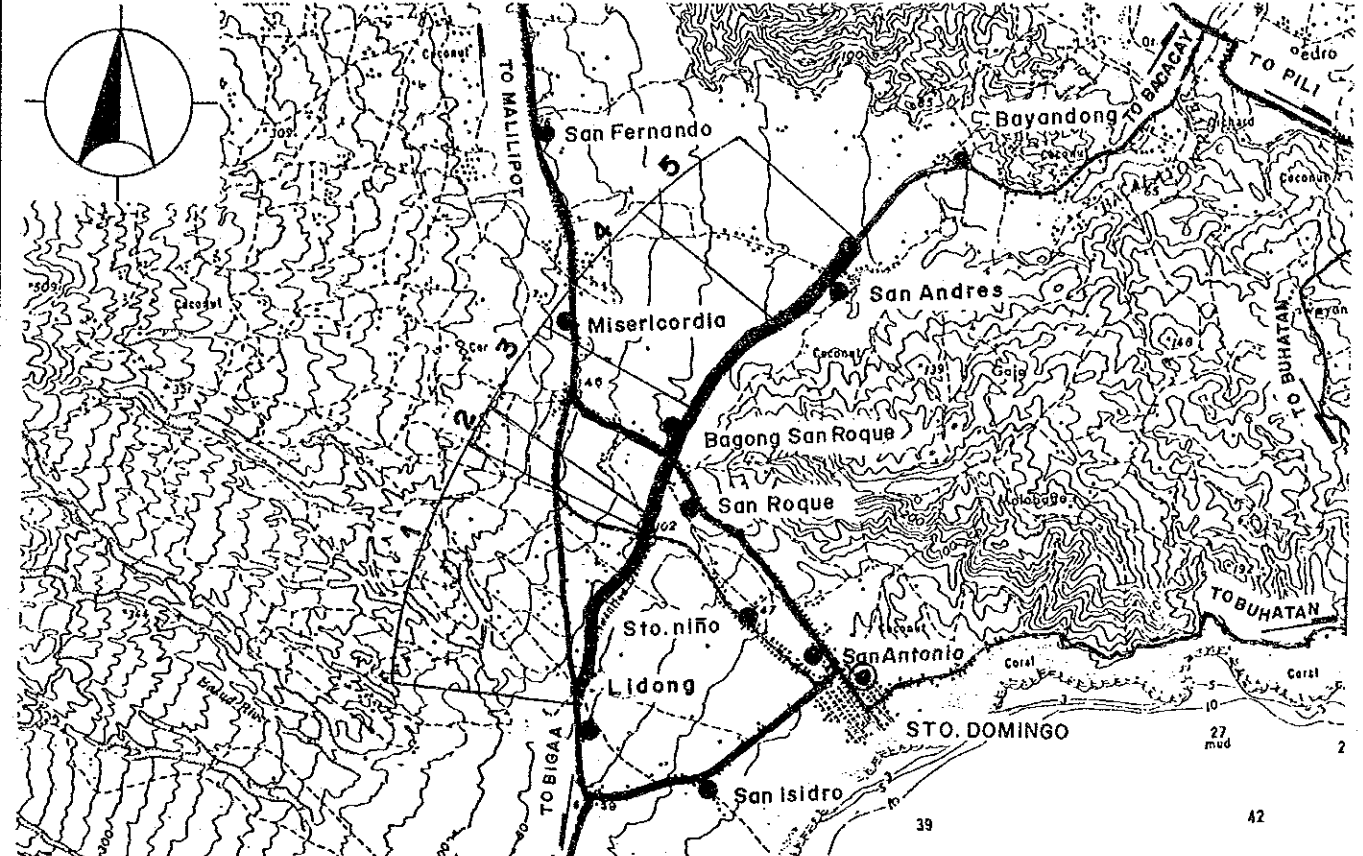
Scale
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Drawing No.
41

Road No: P35 Road Name: STO.NINO-MISERICORDIA ROAD
Location : STO. DOMINGO, ALBAY



Road No: P36 Road Name: SAN ANTONIO-SAN ANDRES ROAD
Location : STO. DOMINGO, ALBAY



| Road Classification | Minor Road (Provincial Road) | | | |
|-----------------------|------------------------------|------------------|------------------|--------------------|
| Total Length | 2.3 km | | | |
| Sub-section No. | 1 | 2 | 3 | 4 |
| Length (km) | 1.3 | .7 | .2 | .1 |
| Terrain | Flat | Rolling | Rolling | Rolling |
| Existing Road Surface | 3.0-BTM (Bad) | 3.2-GRV (Bad) | 3.2-GRV (Bad) | 3.2-GRV (V.Bad) |
| Proposed Improvement | Rehabil. | Rehabil. | Rehabil. | Rehabil. |
| Improvement Type | * BMP | Gravel | Gravel | Gravel |
| Surface Type | | | | |
| Carriageway Width(m) | 6.0 | 6.0 | 6.0 | 6.0 |
| Shoulder Width (m) | 1.5 | .5 | .5 | .5 |
| Ref. Typical Section | TYPE 1-5 | TYPE 1-6 | TYPE 1-6 | TYPE 1-6 |
| Special Treatment | | | | |
| Steep Section Length | | | | 30 |

* DBST can be applied instead depending on conditions of subgrade, axle load, drainage, etc.

| Road Classification | Minor Road (Provincial Road) | | | | |
|-----------------------|------------------------------|------------------|------------------|------------------|------------------|
| Total Length | 3.8 km | | | | |
| Sub-section No. | 1 | 2 | 3 | 4 | 5 |
| Length (km) | 1.2 | .2 | .8 | .8 | .8 |
| Terrain | Flat | Flat | Flat | Flat | Flat |
| Existing Road Surface | 3.2-GRV (Bad) | 3.2-GRV (Bad) | 3.2-GRV (Bad) | 3.2-GRV (Bad) | 3.2-GRV (Bad) |
| Proposed Improvement | Rehabil. | Rehabil. | Rehabil. | Rehabil. | Rehabil. |
| Improvement Type | Gravel | Gravel | Gravel | Gravel | Gravel |
| Surface Type | | | | | |
| Carriageway Width(m) | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 |
| Shoulder Width (m) | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Ref. Typical Section | TYPE 1-6 | TYPE 1-6 | TYPE 1-6 | TYPE 1-6 | TYPE 1-6 |

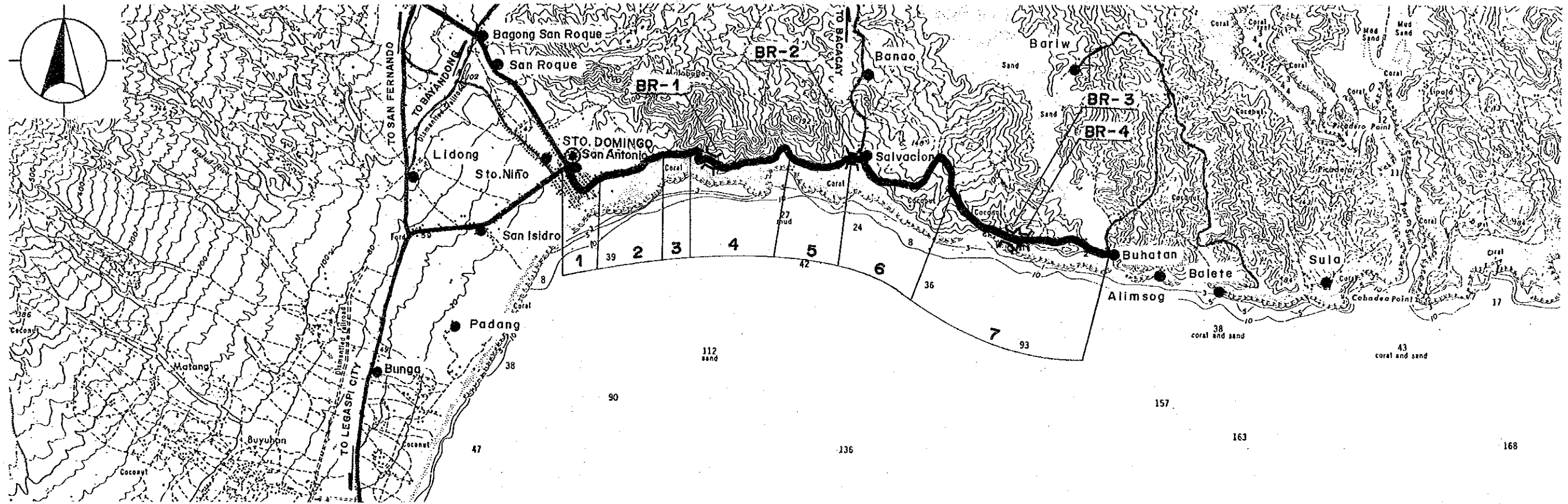
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PRESENT CONDITION AND PROPOSED IMPROVEMENT

Scale
1:50,000

Drawing No.
42

Road No: P37 Road Name: STO. DOMINGO-BUHATAN ROAD
Location : STO. DOMINGO, ALBAY



| Road Classification | Minor Road (Provincial Road) | | | | | | |
|--|------------------------------|------------------|-------------------|------------------|--------------------|------------------|-------------------|
| Total Length | 8.8 km | | | | | | |
| Sub-section No. | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| Length (km) | .7 | .9 | .3 | 1.5 | .9 | 1.7 | 2.8 |
| Terrain | Rolling | Rolling | Rolling | Rolling | Rolling | Rolling | Rolling |
| Existing Road Surface | 4.0-BTM (Fair) | 3.0-BTM (Bad) | 3.2-GRV (Fair) | 3.2-GRV (Bad) | 3.0-BTM (V.Bad) | 4.5-GRV (Bad) | 4.0-GRV (Fair) |
| Proposed Improvement | Widening | Rehabil. | Widening | Rehabil. | Rehabil. | Rehabil. | Widening |
| Surface Type | * BMP | * BMP | Gravel | Gravel | * BMP | Gravel | Gravel |
| Carriageway Width(m) | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 |
| Shoulder Width (m) | 1.0 | 1.0 | .5 | .5 | 1.0 | .5 | .5 |
| Ref. Typical Section | TYPE 4-3 | TYPE 1-5 | TYPE 4-4 | TYPE 1-6 | TYPE 1-5 | TYPE 1-6 | TYPE 4-4 |
| Special Treatment | | | | | | | |
| Steep Section Length/ Slope Protection (Cut Slope) | - | - | - | 100 | - | 100 | - |
| | - | - | - | - | - | - | 50 |
| Bridge No. | BR-1 | BR-2 | BR-3 | BR-4 | | | |
| Existing Type | Spillway | Concrete | Timber | Timber | | | |
| Length (m) | 7 | 18 | 7 | 7 | | | |
| Proposed Type | - | - | 2cell-BC | 2cell-BC | | | |
| Length (m) | - | - | 7 | 7 | | | |
| No. of Spans | - | - | 2 | 2 | | | |

* DBST can be applied instead depending on conditions of subgrade, axle load, drainage, etc.

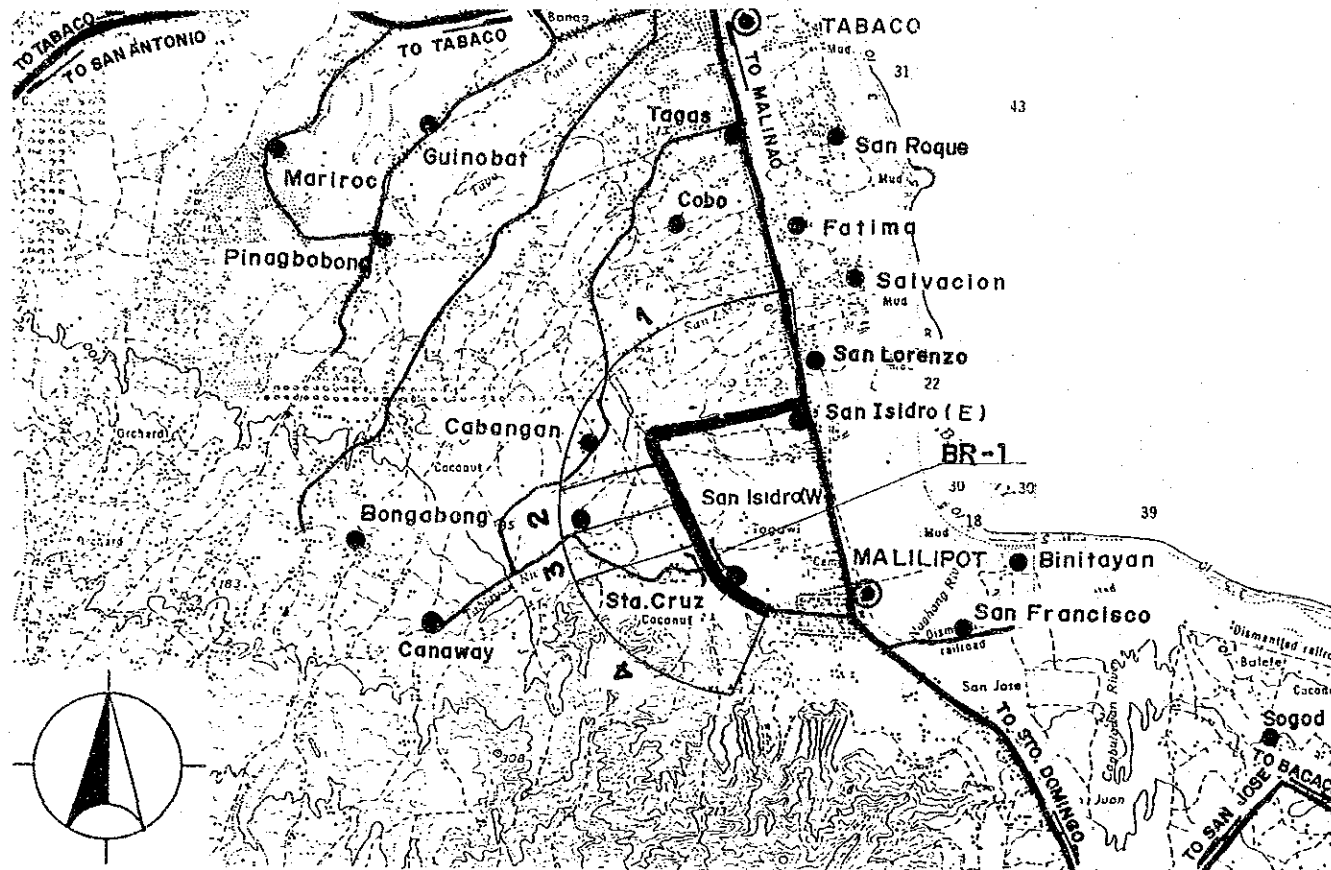
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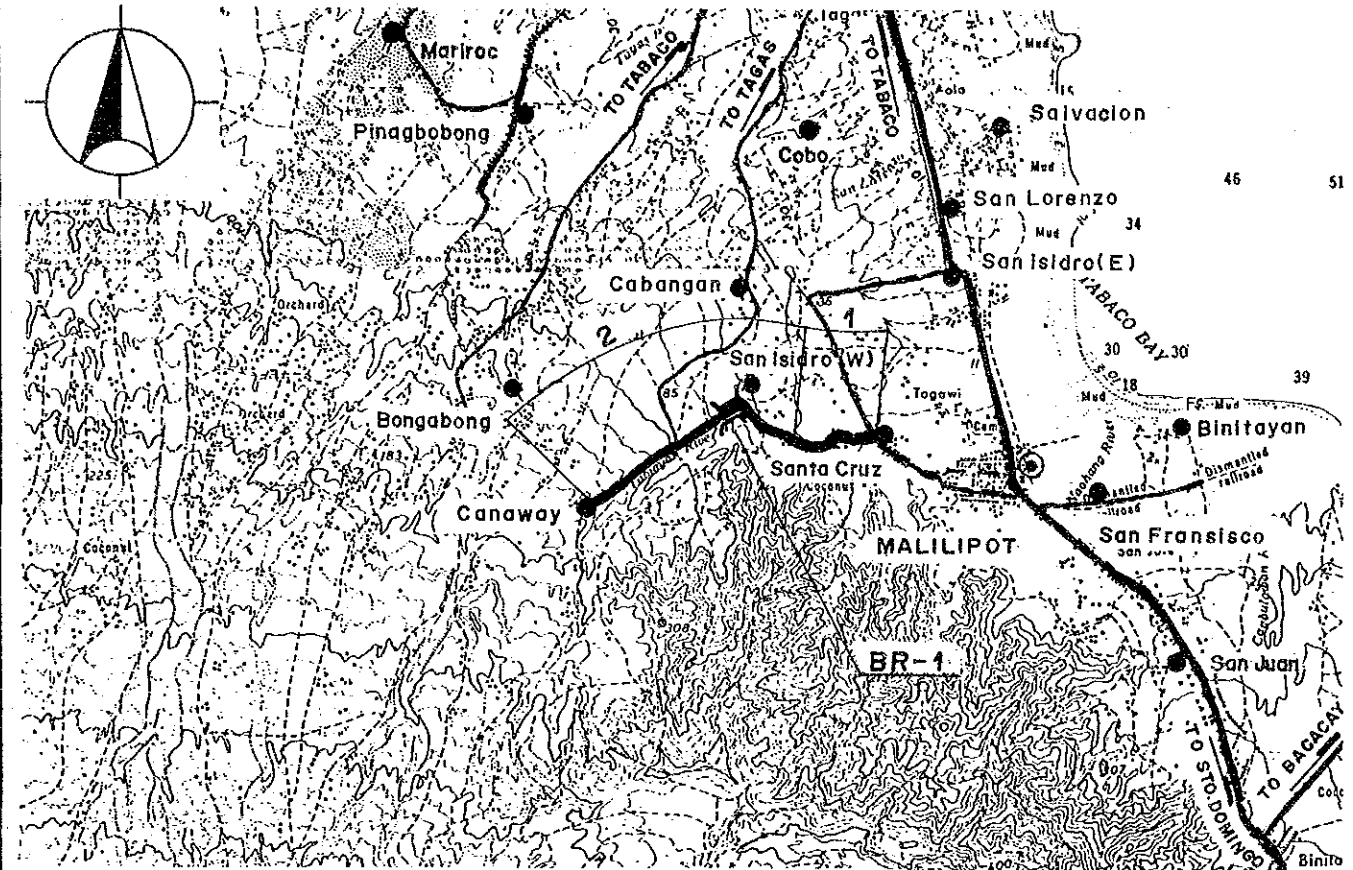
Scale
1:50,000

Drawing No.
43

Road No: P39 Road Name: SAN ISIDRO-STA. CRUZ ROAD
Location: MALILIPOT, ALBAY



Road No: P40 Road Name: STA. CRUZ-CANAWAY ROAD
Location: MALILIPOT, ALBAY



| Road Classification | Minor Road (Provincial Road) | | | |
|-----------------------|------------------------------|------------------|------------------|------------------|
| Total Length | 2.6 km | | | |
| Sub-section No. | 1 | 2 | 3 | 4 |
| Length (km) | 1.3 | .3 | .3 | .7 |
| Terrain | Flat | Flat | Rolling | Flat |
| Existing Road Surface | 3.0-BTM (Fair) | 4.5-GRV (Bad) | 4.5-GRV (Bad) | 3.0-BTM (Bad) |
| Proposed Improvement | Widening | Rehabil. | Rehabil. | Rehabil. |
| Improvement Type | * BMP | Gravel | Gravel | * BMP |
| Surface Type | | | | |
| Carriageway Width(m) | 6.0 | 6.0 | 6.0 | 6.0 |
| Shoulder Width (m) | 1.5 | 1.0 | .5 | 1.5 |
| Ref. Typical Section | TYPE 4-3 | TYPE 1-6 | TYPE 1-6 | TYPE 1-5 |
| Special Treatment | | | | |
| Steep Section Length | - | - | 90 | - |
| Bridge No. | BR-1 | | | |
| Existing Type | Ford-Cr. | | | |
| Length (m) | - | | | |
| Proposed Type | 2Lane-Sp | | | |
| Length (m) | 20 | | | |
| No. of Spans | - | | | |

| Road Classification | Minor Road (Provincial Road) | |
|-----------------------|------------------------------|--------------------|
| Total Length | 2.0 km | |
| Sub-section No. | 1 | 2 |
| Length (km) | .6 | 1.4 |
| Terrain | Flat | Flat |
| Existing Road Surface | 4.5-GRV (V.Bad) | 4.0-EAR (V.Bad) |
| Proposed Improvement | Rehabil. | Impr.-1 |
| Improvement Type | Gravel | Gravel |
| Surface Type | | |
| Carriageway Width(m) | 6.0 | 6.0 |
| Shoulder Width (m) | 1.0 | 1.0 |
| Ref. Typical Section | TYPE 1-6 | TYPE 2-8 |
| Bridge No. | BR-1 | |
| Existing Type | Timber | |
| Length (m) | 30 | |
| Proposed Type | 2Lane-Br | |
| Length (m) | 30 | |
| No. of Spans | 2 | |

* DBST can be applied instead depending on conditions of subgrade, axle load, drainage, etc.

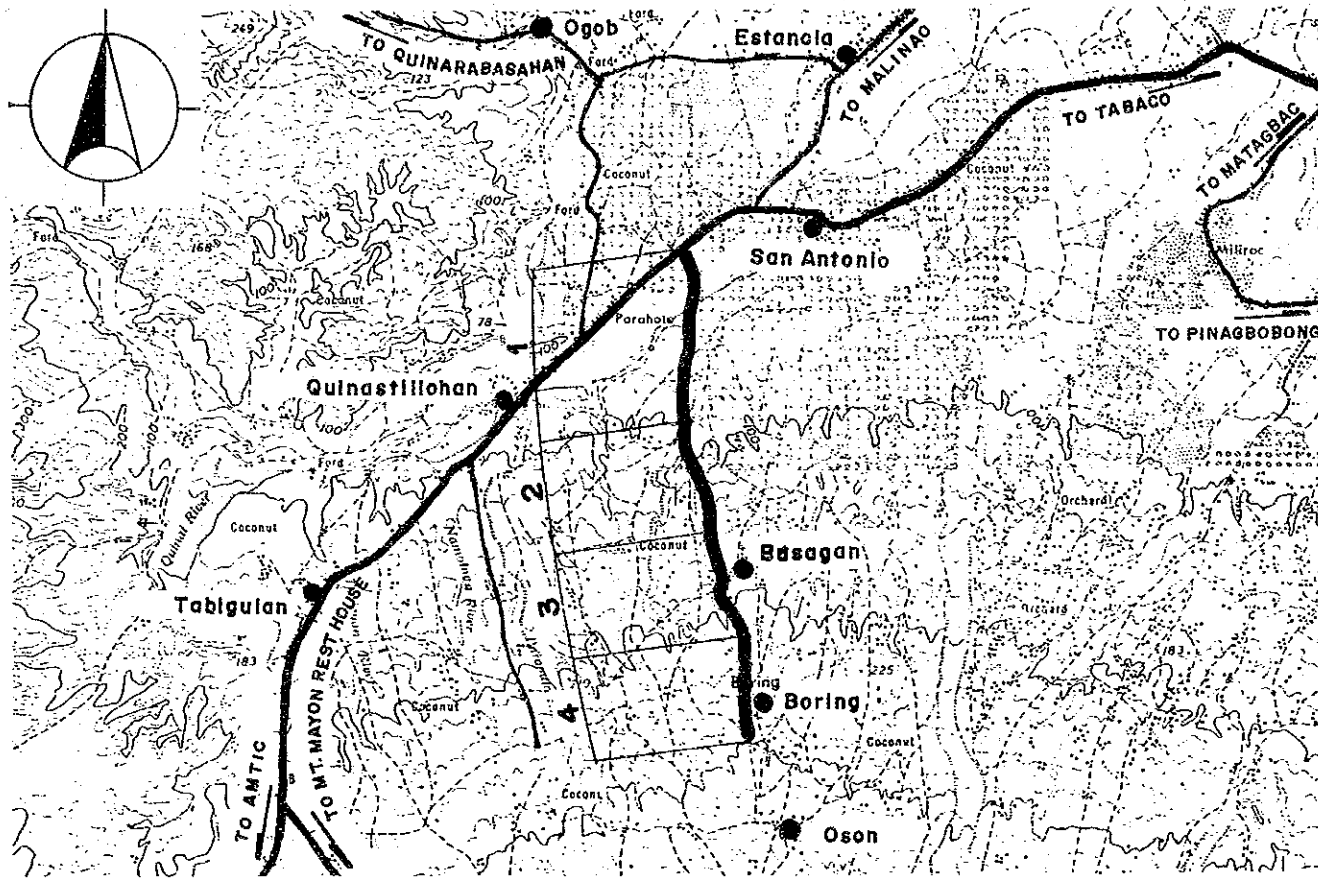
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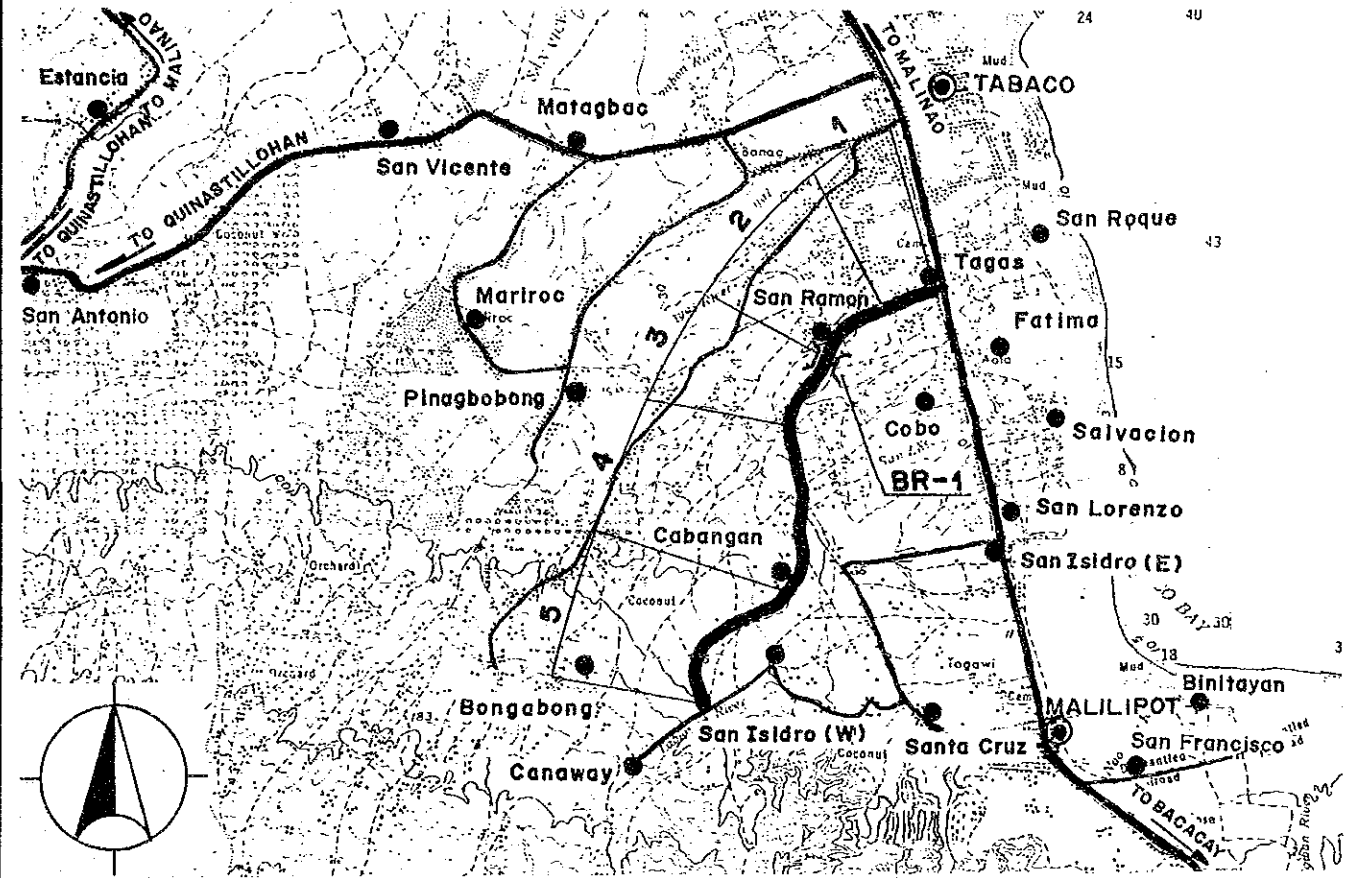
Drawing No.
44

Road No: P41 Road Name: SAN ANTONIO-OSON ROAD
Location: TABACO, ALBAY



| | | | | |
|-----------------------|-------------------------------------|--------------------|--------------------|--------------------|
| Road Classification | Minor Road (Provincial Road) | | | |
| Total Length | 3.4 km | | | |
| Sub-section No. | 1 | 2 | 3 | 4 |
| Length (km) | 1.2 | .8 | .8 | .6 |
| Terrain | Flat | Rolling | Flat | Rolling |
| Existing Road Surface | 4.0-GRV (V.Bad) | 4.0-GRV (V.Bad) | 3.2-GRV (V.Bad) | 3.2-GRV (V.Bad) |
| Proposed Improvement | Rehabil. | Rehabil. | Rehabil. | Rehabil. |
| Improvement Type | Gravel | Gravel | Gravel | Gravel |
| Surface Type | 6.0 | 6.0 | 6.0 | 6.0 |
| Carriageway Width(m) | 1.0 | .5 | 1.0 | .5 |
| Shoulder Width (m) | TYPE 1-6 TYPE 1-6 TYPE 1-6 TYPE 1-6 | | | |
| Ref. Typical Section | | | | |

Road No: P43 Road Name: SAN RAMON-CABANGAN-SAN ISIDRO EAST RD.
Location: TABACO & MALILIPOT, ALBAY



| | | | | | |
|-----------------------|--|------------------|--------------------|--------------------|-------------------|
| Road Classification | Minor Road (Provincial Road) | | | | |
| Total Length | 3.9 km | | | | |
| Sub-section No. | 1 | 2 | 3 | 4 | 5 |
| Length (km) | .4 | .6 | .6 | 1.2 | 1.1 |
| Terrain | Flat | Flat | Flat | Flat | Flat |
| Existing Road Surface | 3.0-BTM (V.Bad) | 4.0-GRV (Bad) | 4.0-GRV (V.Bad) | 4.0-GRV (V.Bad) | 3.0-BTM (Fair) |
| Proposed Improvement | Rehabil. | Rehabil. | Rehabil. | Rehabil. | Widening |
| Improvement Type | * BMP | Gravel | Gravel | Gravel | * BMP |
| Surface Type | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 |
| Carriageway Width(m) | 1.5 | 1.0 | 1.0 | 1.0 | 1.5 |
| Shoulder Width (m) | TYPE 1-5 TYPE 1-6 TYPE 1-6 TYPE 1-6 TYPE 4-3 | | | | |
| Ref. Typical Section | | | | | |
| Bridge No. | BR-1 | | | | |
| Existing Type | Concrete | | | | |
| Length (m) | 8 | | | | |
| Proposed Type | - | | | | |
| Length (m) | - | | | | |
| No. of Spans | - | | | | |

* DBST can be applied instead depending on conditions of subgrade, axle load, drainage, etc.

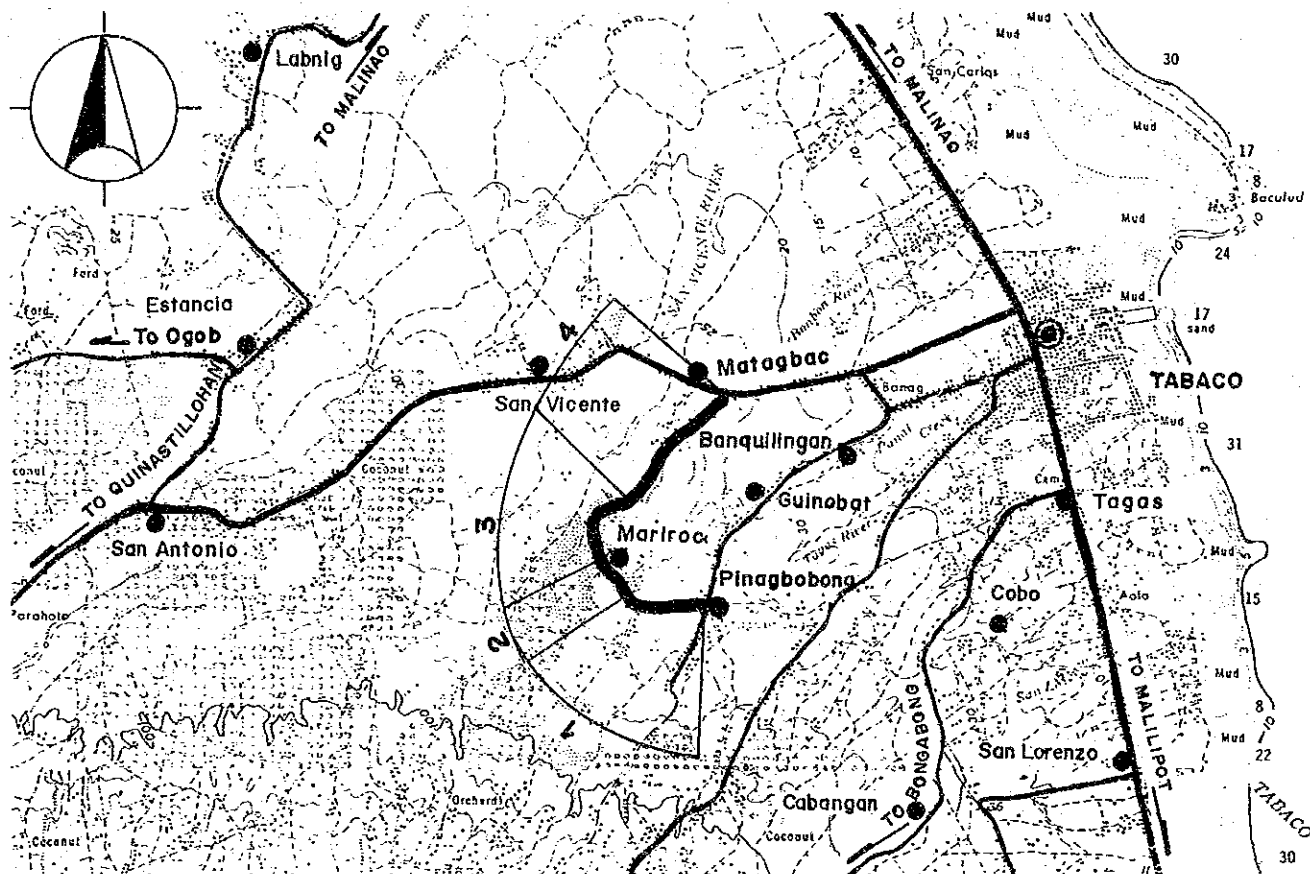
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Scale
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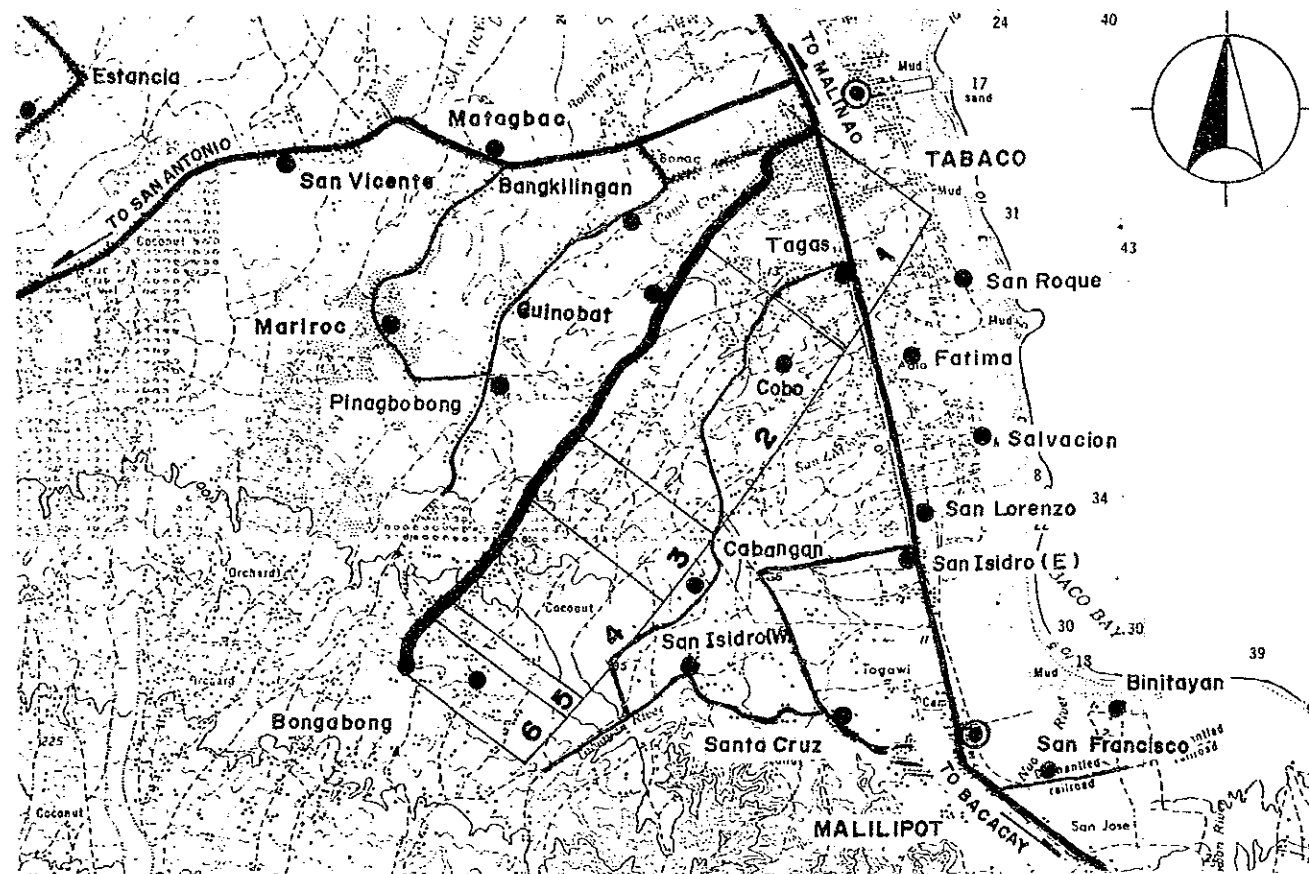
Drawing No.
45

Road No: P46 Road Name: PINAGBOBONG PROV'L. ROAD
Location: TABACO, ALBAY



| Road Classification | Minor Road (Provincial Road) | | | |
|-----------------------|------------------------------|--------------------|------------------|--------------------|
| Total Length | 2.3 km | | | |
| Sub-section No. | 1 | 2 | 3 | 4 |
| Length (km) | .6 | .3 | .6 | .8 |
| Terrain | Rolling | Rolling | Flat | Rolling |
| Existing Road Surface | 3.2-EAR (V.Bad) | 3.2-EAR (V.Bad) | 3.2-EAR (Bad) | 4.5-EAR (V.Bad) |
| Proposed Improvement | Impr.-1 | Impr.-1 | Impr.-1 | Impr.-1 |
| Improvement Type | Gravel | Gravel | Gravel | Gravel |
| Surface Type | 6.0 | 6.0 | 6.0 | 6.0 |
| Carriageway Width(m) | .5 | .5 | 1.0 | .5 |
| Shoulder Width (m) | TYPE 2-8 | TYPE 2-8 | TYPE 2-8 | TYPE 2-8 |
| Ref. Typical Section | | | | |

Road No: P47 Road Name: PANAL-GUINOBAT-MARIROC-MAGSIPIT RD.
Location: TABACO, ALBAY



| Road Classification | Minor Road (Provincial Road) | | | | | |
|-----------------------|------------------------------|--------------------|------------------|--------------------|--------------------|--------------------|
| Total Length | 5.1 km | | | | | |
| Sub-section No. | 1 | 2 | 3 | 4 | 5 | 6 |
| Length (km) | 1.3 | 1.6 | .6 | .9 | .2 | .5 |
| Terrain | Flat | Flat | Flat | Flat | Flat | Flat |
| Existing Road Surface | 3.0-BTM (V.Bad) | 3.0-BTM (V.Bad) | 3.0-BTM (Bad) | 4.0-GRV (V.Bad) | 4.0-GRV (V.Bad) | 4.0-GRV (V.Bad) |
| Proposed Improvement | Rehabil. | Rehabil. | Rehabil. | Rehabil. | Rehabil. | Rehabil. |
| Improvement Type | * BMP | * BMP | * BMP | Gravel | Gravel | Gravel |
| Surface Type | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 |
| Carriageway Width(m) | 1.5 | 1.5 | 1.5 | 1.0 | 1.0 | 1.0 |
| Shoulder Width (m) | TYPE 1-5 | TYPE 1-5 | TYPE 1-5 | TYPE 1-6 | TYPE 1-6 | TYPE 1-6 |
| Ref. Typical Section | | | | | | |
| Special Treatment | | | | | 60 | 100 |
| Steep Section Length | | | | | | |

* DBST can be applied instead depending on conditions of subgrade, axle load, drainage, etc.

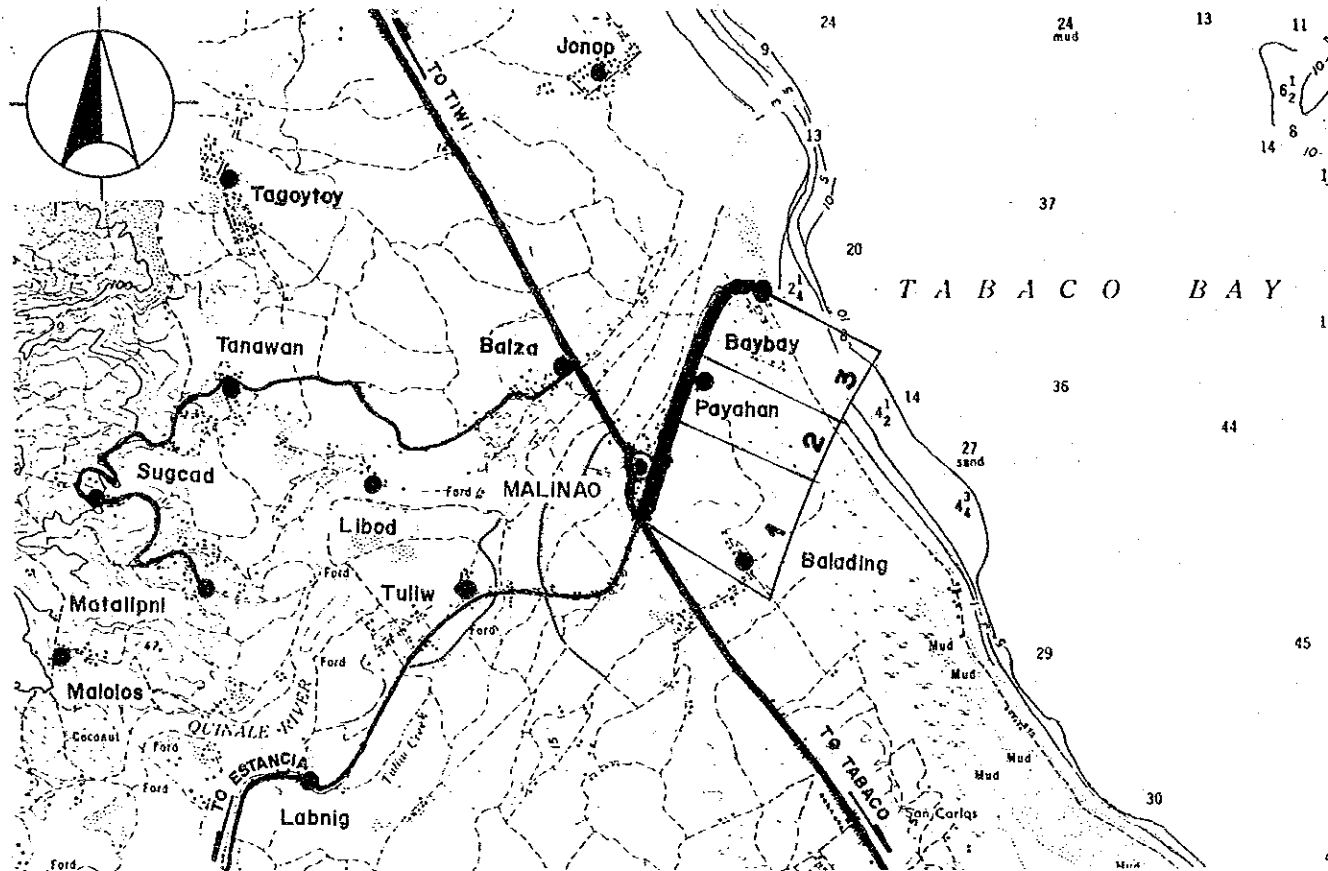
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Drawing No.
46

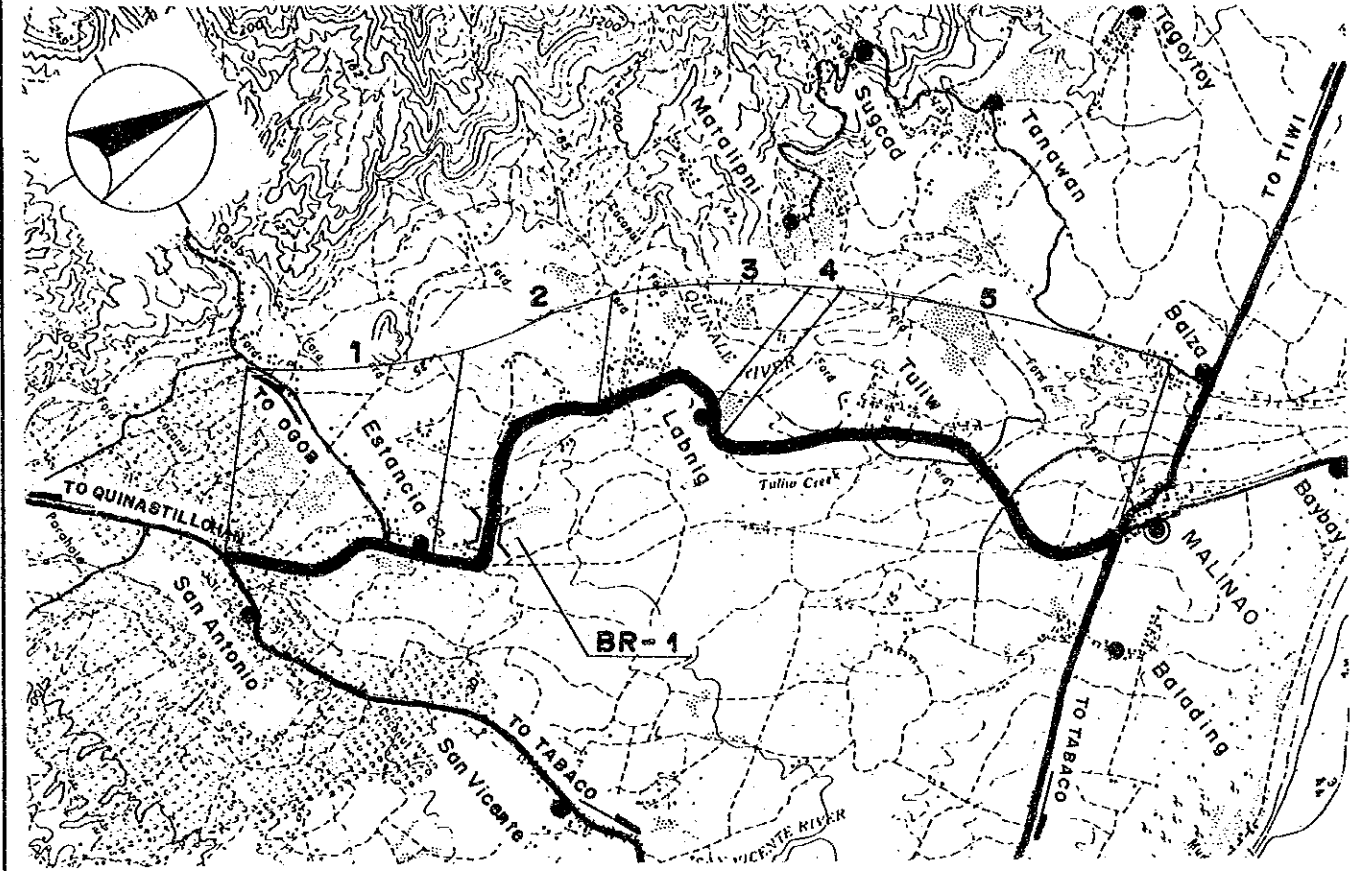
Road No: P49 Road Name: MALINAO-BAYBAY ROAD
Location: MALINAO, ALBAY



| Road Classification | Minor Road (Provincial Road) | | |
|-----------------------|------------------------------|------------------|------------------|
| Total Length | 2.0 km | | |
| Sub-section No. | 1 | 2 | 3 |
| Length (km) | .7 | .5 | .8 |
| Terrain | Flat | Flat | Flat |
| Existing Road Surface | 6.0-BTM (Fair) | 4.0-BTM (Bad) | 6.0-GRV (Bad) |
| Proposed Improvement | - | | |
| Improvement Type | - | Rehabil. | Rehabil. |
| Surface Type | - | * BMP | Gravel |
| Carriageway Width(m) | - | 6.0 | 6.0 |
| Shoulder Width (m) | - | 1.5 | 1.0 |
| Ref. Typical Section | - | | TYPE 1-5 |

* DBST can be applied instead depending on conditions of subgrade, axle load, drainage, etc.

Road No: P50 Road Name: SAN ANTONIO-MALINAO ROAD
Location: TABACO & MALINAO, ALBAY



| Road Classification | Minor Road (Provincial Road) | | | | |
|-----------------------|------------------------------|------------------|--------------------|-------------------|------------------|
| Total Length | 8.4 km | | | | |
| Sub-section No. | 1 | 2 | 3 | 4 | 5 |
| Length (km) | 1.5 | 1.7 | .9 | .2 | 4.1 |
| Terrain | Flat | Flat | Flat | Flat | Flat |
| Existing Road Surface | 3.0-BTM (Fair) | 4.0-BTM (Bad) | 3.2-GRV (V.Bad) | 4.0-PCC (Good) | 4.5-GRV (Bad) |
| Proposed Improvement | - | | | | |
| Improvement Type | Widening | Rehabil. | Rehabil. | Widening | Rehabil. |
| Surface Type | * BMP | * BMP | Gravel | PCC | Gravel |
| Carriageway Width(m) | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 |
| Shoulder Width (m) | 1.5 | 1.5 | 1.0 | 1.5 | 1.0 |
| Ref. Typical Section | TYPE 4-3 | TYPE 1-5 | TYPE 1-6 | TYPE 4-1 | TYPE 1-6 |
| Bridge No. | BR-1 | | | | |
| Existing Type | Concrete | | | | |
| Existing Length (m) | 32 | | | | |
| Proposed Type | - | | | | |
| Proposed Length (m) | - | | | | |
| No. of Spans | - | | | | |

* DBST can be applied instead depending on conditions of subgrade, axle load, drainage, etc.

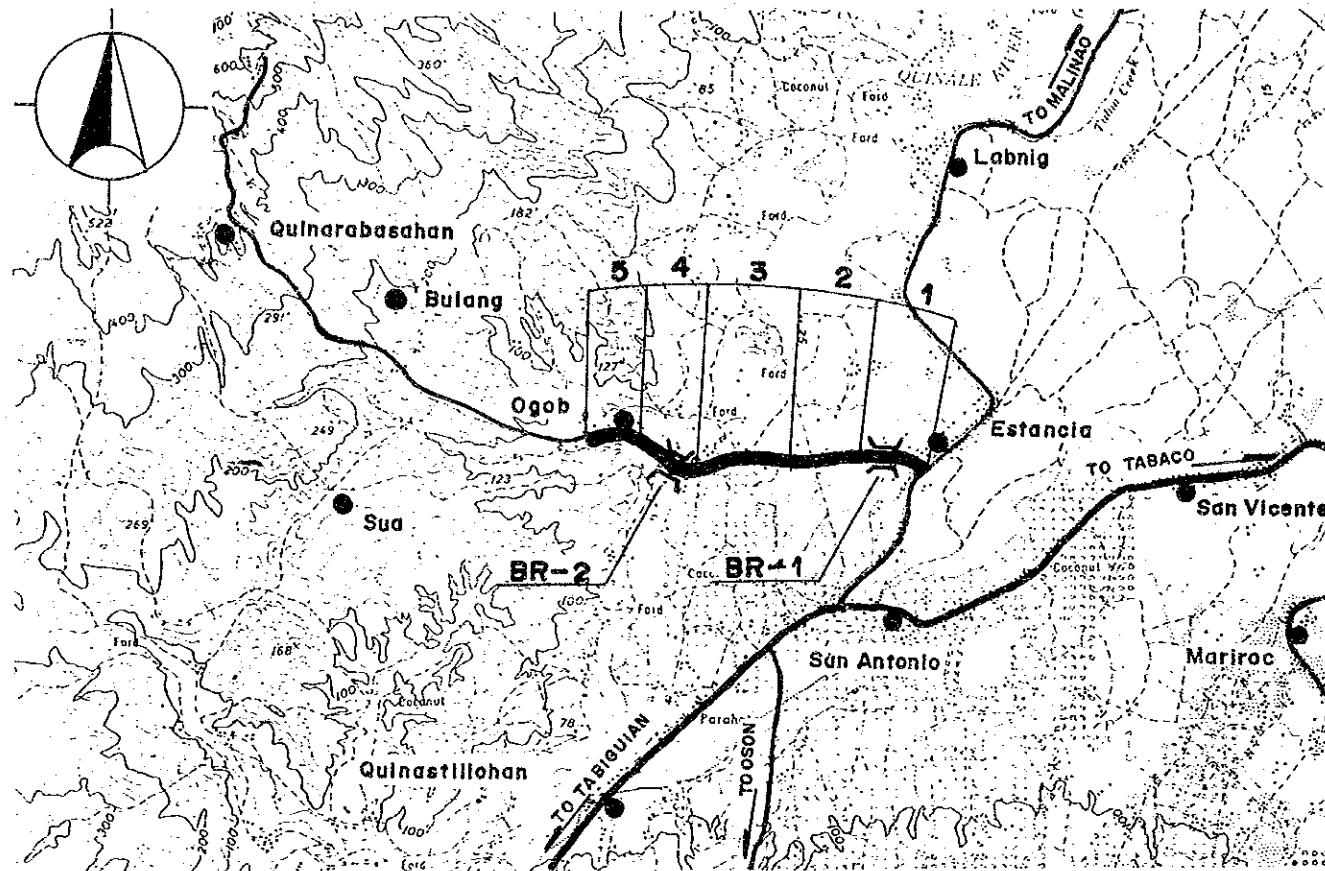
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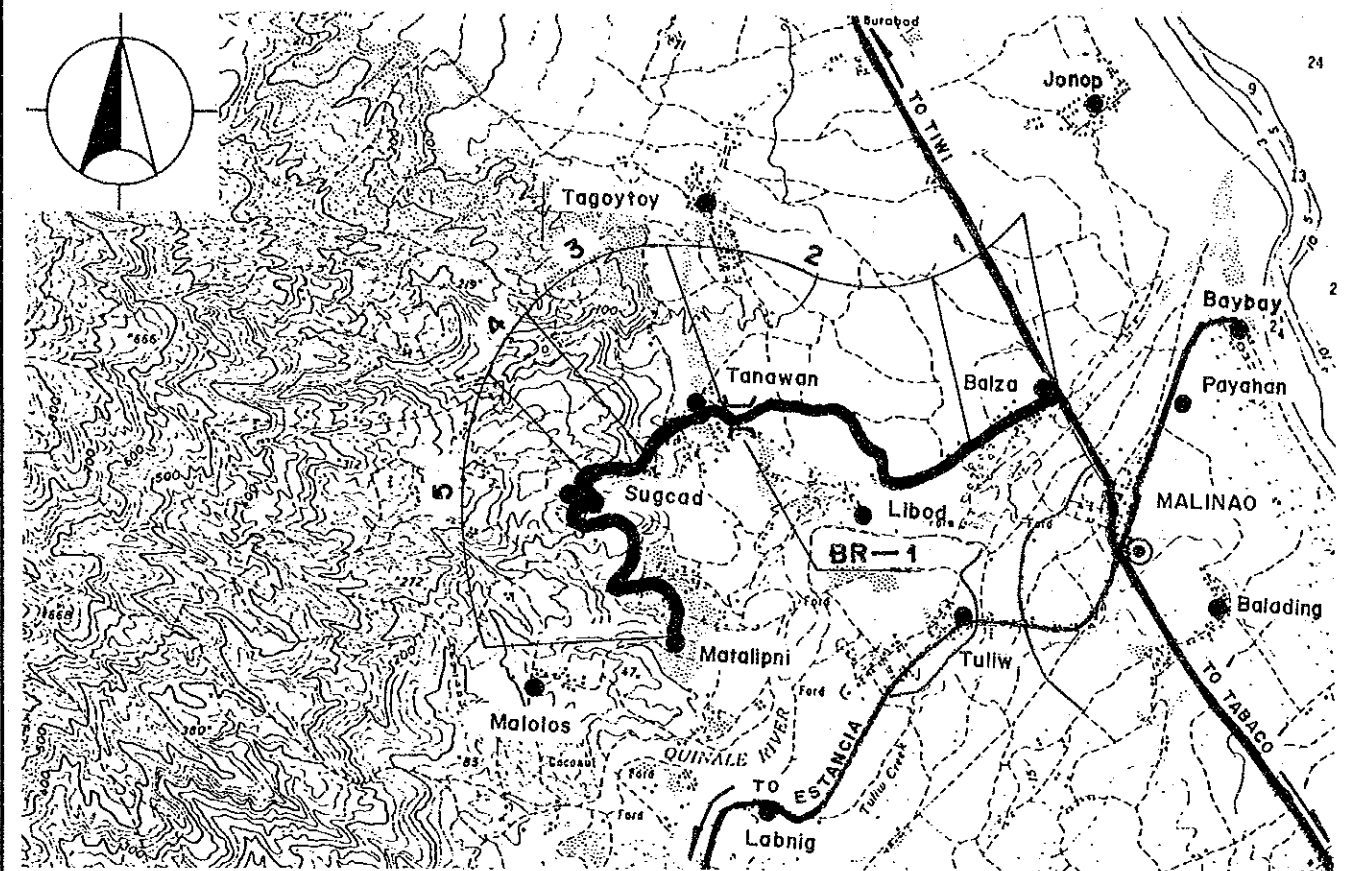
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Drawing No.
47

Road No: P51 Road Name: ESTANCIA-OGOB ROAD
Location: TABACO & MALINAO, ALBAY



Road No: P53 Road Name: BALZA-SUGCAD-MALOLOS ROAD
Location: MALINAO, ALBAY



| Road Classification | Minor Road (Provincial Road) | | | | |
|-----------------------|------------------------------|--------------------|--------------------|--------------------|------------------|
| Total Length | 2.6 km | | | | |
| Sub-section No. | 1 | 2 | 3 | 4 | 5 |
| Length (km) | .5 | .5 | .7 | .5 | .4 |
| Terrain | Rolling | Rolling | Flat | Rolling | Rolling |
| Existing Road Surface | 5.5-GRV (Bad) | 5.5-GRV (V.Bad) | 4.5-GRV (V.Bad) | 4.0-GRV (V.Bad) | 6.0-GRV (Bad) |
| Proposed Improvement | Rehabil. | Rehabil. | Rehabil. | Rehabil. | Rehabil. |
| Improvement Type | Gravel | Gravel | Gravel | Gravel | Gravel |
| Surface Type | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 |
| Carriageway Width(m) | .5 | .5 | 1.0 | .5 | .5 |
| Shoulder Width (m) | TYPE 1-6 | TYPE 1-6 | TYPE 1-6 | TYPE 1-6 | TYPE 1-6 |
| Ref. Typical Section | | | | | |
| Bridge No. | BR-1 | BR-2 | | | |
| Existing Type | Concrete | Bailey | | | |
| Length (m) | 12 | 64 | | | |
| Proposed Type | - | - | | | |
| Length (m) | - | - | | | |
| No. of Spans | - | - | | | |

| Road Classification | Minor Road (Provincial Road) | | | | |
|-----------------------|------------------------------|------------------|--------------------|------------------|------------------|
| Total Length | 6.0 km | | | | |
| Sub-section No. | 1 | 2 | 3 | 4 | 5 |
| Length (km) | .8 | 2.0 | .6 | .5 | 2.1 |
| Terrain | Flat | Flat | Rolling | Rolling | Flat |
| Existing Road Surface | 6.0-PCC (Good) | 5.5-GRV (Bad) | 3.2-GRV (V.Bad) | 3.2-GRV (Bad) | 4.0-GRV (Bad) |
| Proposed Improvement | - | Rehabil. | Rehabil. | Rehabil. | Rehabil. |
| Improvement Type | - | Gravel | Gravel | Gravel | Gravel |
| Surface Type | - | 6.0 | 6.0 | 6.0 | 6.0 |
| Carriageway Width(m) | - | 1.0 | .5 | .5 | 1.0 |
| Shoulder Width (m) | - | TYPE 1-6 | TYPE 1-6 | TYPE 1-6 | TYPE 1-6 |
| Ref. Typical Section | - | | | | |
| Special Treatment | - | - | - | 100 | - |
| Steep Section Length | | | | | |
| Bridge No. | BR-1 | | | | |
| Existing Type | Concrete | | | | |
| Length (m) | 42 | | | | |
| Proposed Type | - | | | | |
| Length (m) | - | | | | |
| No. of Spans | - | | | | |

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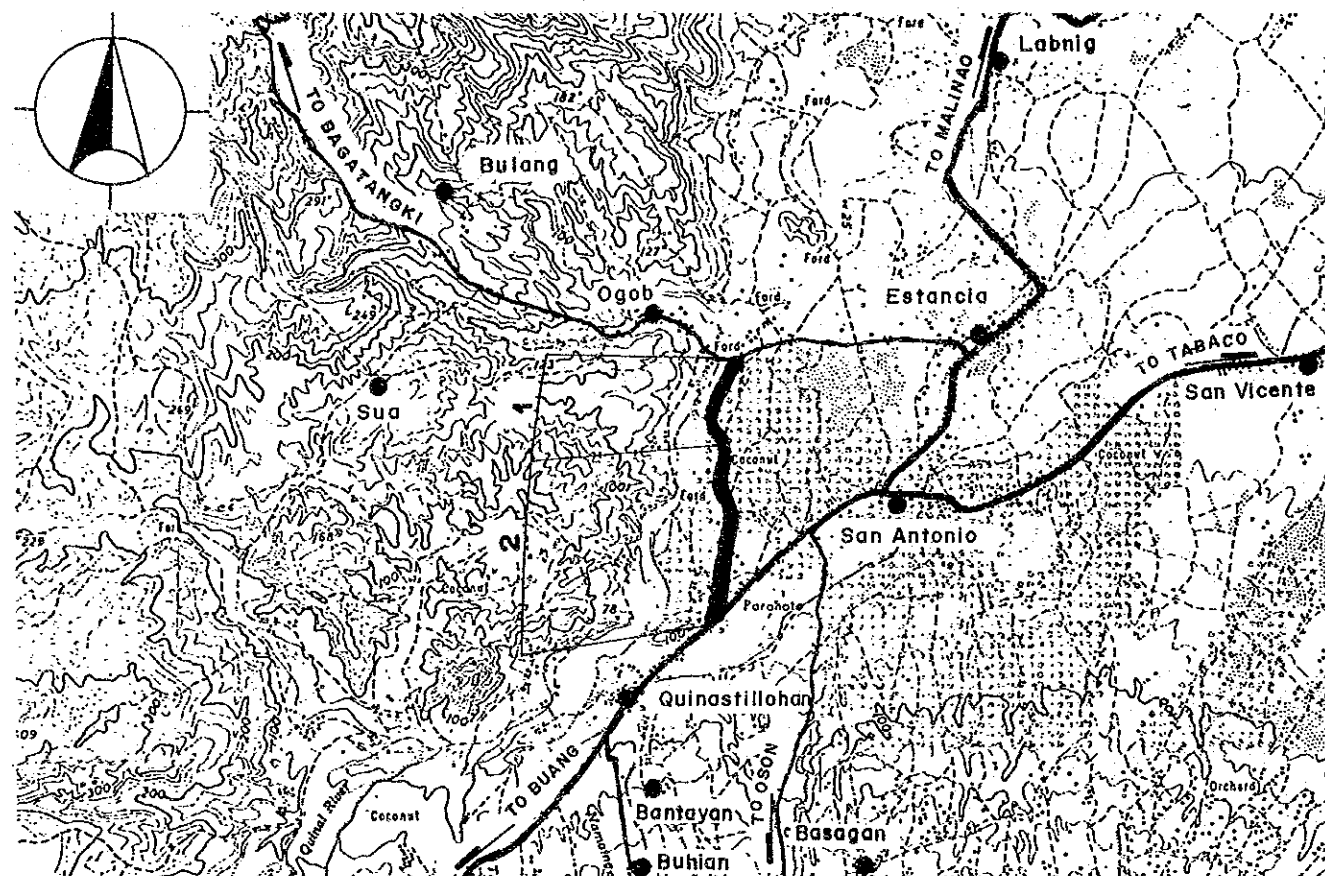
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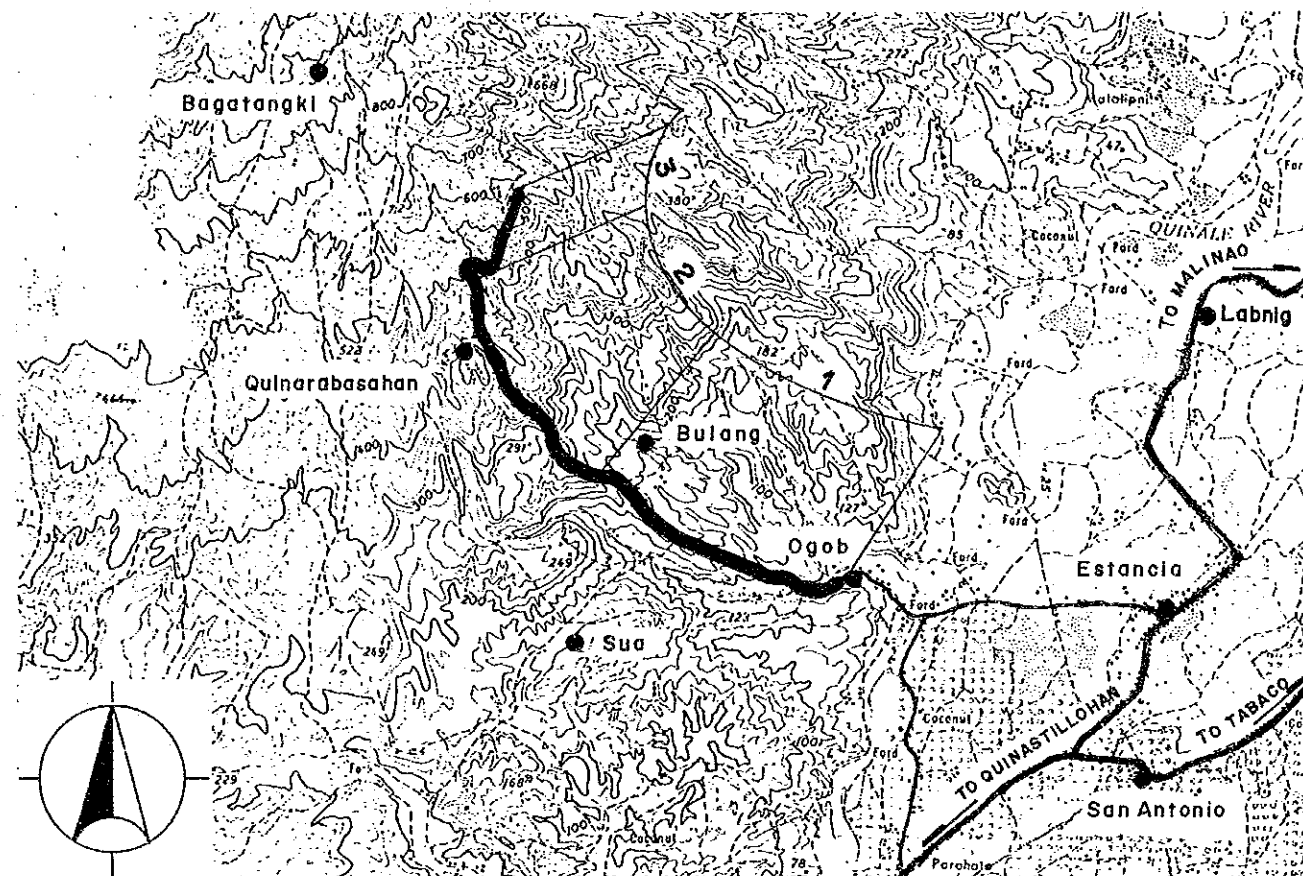
48

Road No: P54 Road Name: OGOB-QUINASTILLOHAN ROAD
Location: MALINAO & TABACO, ALBAY



| | | |
|-----------------------|------------------------------|---------------|
| Road Classification | Minor Road (Provincial Road) | |
| Total Length | 2.0 km | |
| Sub-section No. | 1 | 2 |
| Length (km) | .6 | 1.4 |
| Terrain | Flat | Flat |
| Existing Road Surface | 4.0-GRV (V.Bad) | 4.0-GRV (Bad) |
| Proposed Improvement | Rehabil. | Rehabil. |
| Improvement Type | Gravel | Gravel |
| Surface Type | 6.0 | 6.0 |
| Carriageway Width(m) | 1.0 | 1.0 |
| Shoulder Width (m) | TYPE 1-6 | TYPE 1-6 |
| Ref. Typical Section | | |

Road No: P55 Road Name: OGOB-QUINABARASAHAN ROAD
Location: MALINAO, ALBAY



| | | | |
|-----------------------|------------------------------|-----------------|-----------------|
| Road Classification | Minor Road (Provincial Road) | | |
| Total Length | 7.0 km | | |
| Sub-section No. | 1 | 2 | 3 |
| Length (km) | 4.0 | 2.0 | 1.0 |
| Terrain | Rolling | Mt'nous | Rolling |
| Existing Road Surface | 3.2-GRV (Impass) | 3.2-GRV (V.Bad) | 3.2-GRV (V.Bad) |
| Proposed Improvement | Rehabil. | Rehabil. | Rehabil. |
| Improvement Type | Gravel | Gravel | Gravel |
| Surface Type | 6.0 | 6.0 | 6.0 |
| Carriageway Width(m) | .5 | .5 | .5 |
| Shoulder Width (m) | TYPE 1-6 | TYPE 1-6 | TYPE 1-6 |
| Ref. Typical Section | | | |

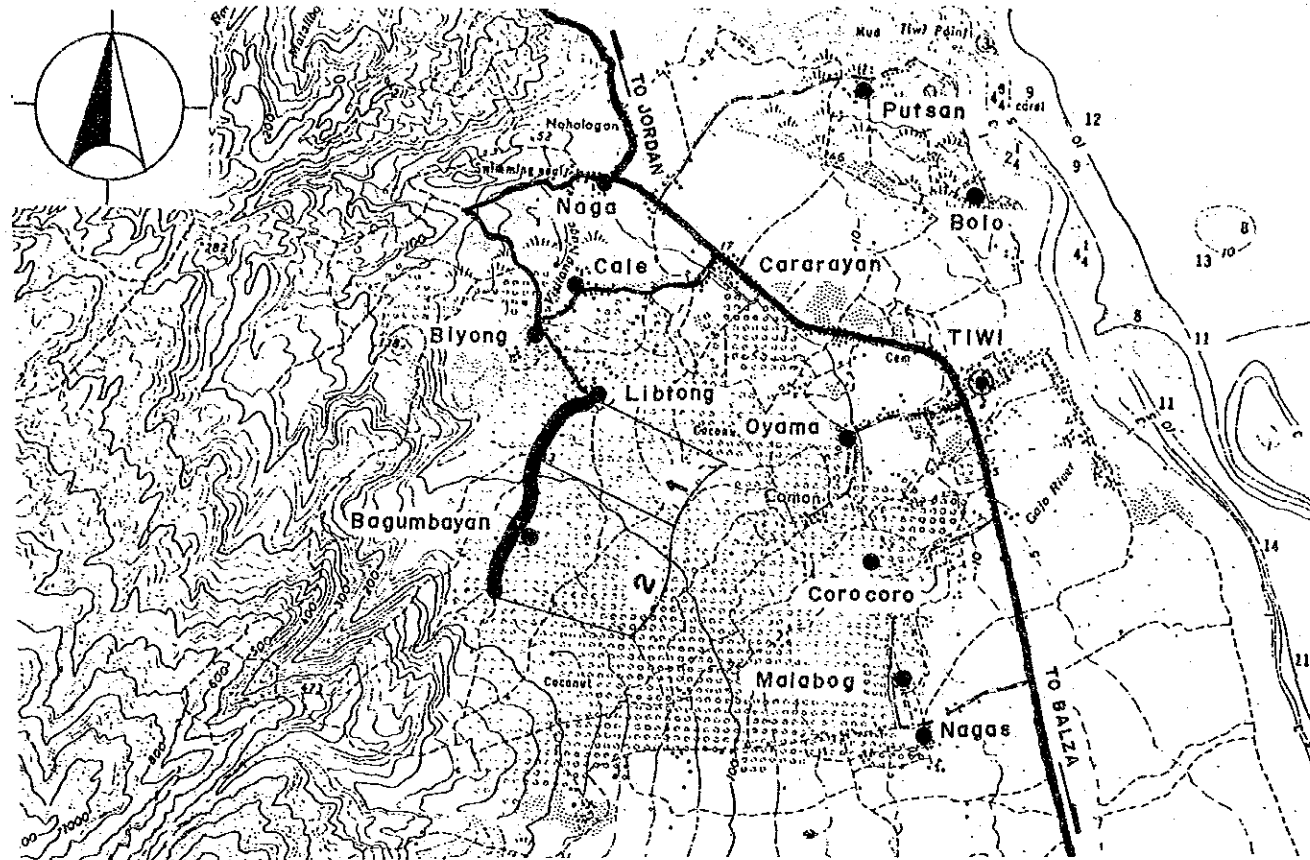
**THE FEASIBILITY STUDY ON THE RURAL ROAD NETWORK DEVELOPMENT PROJECT
IN THE REPUBLIC OF THE PHILIPPINES**

PRESENT CONDITION AND PROPOSED IMPROVEMENT

Scale
1:50,000

Drawing No.
49

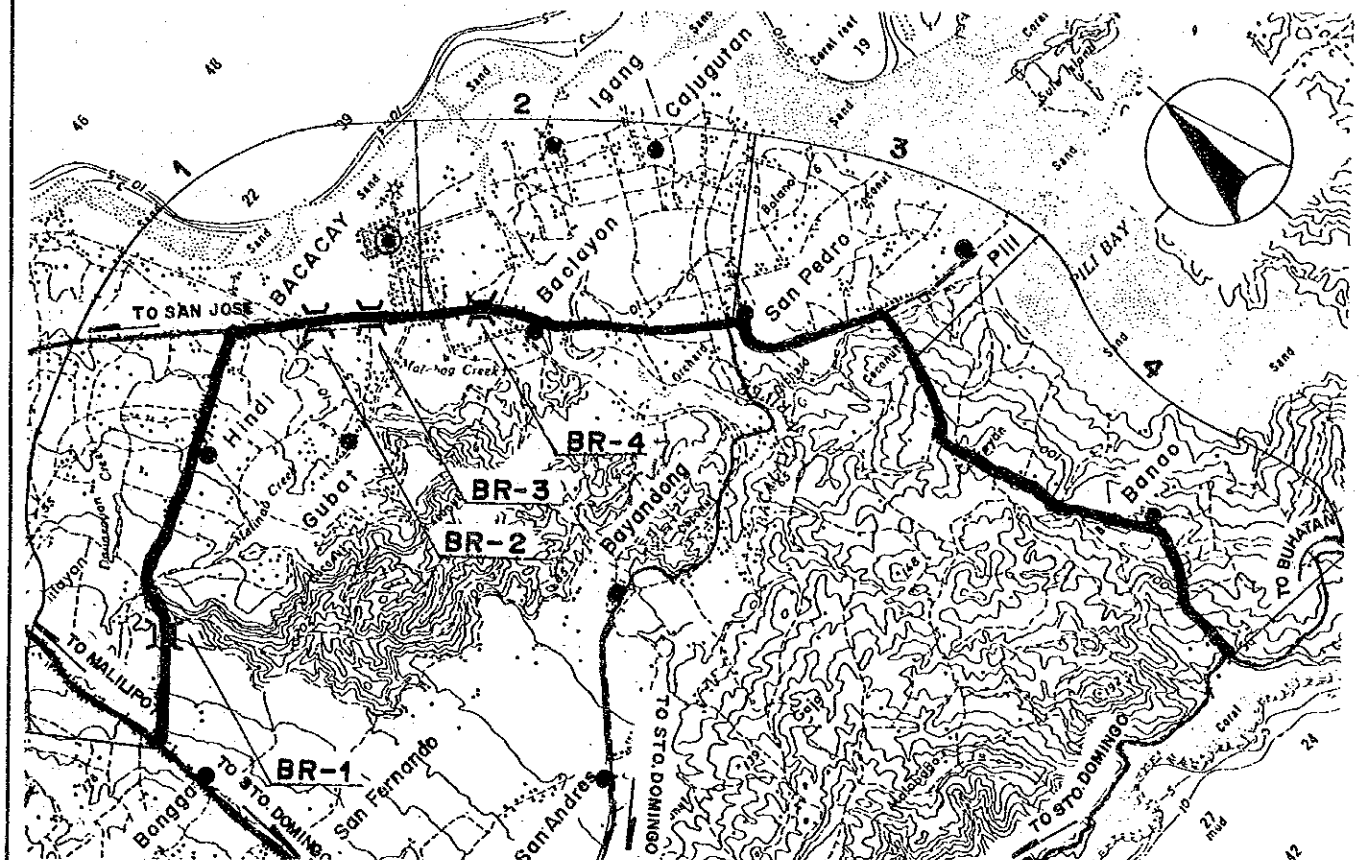
Road No: P58 Road Name: LIBTONG-BAGUMBAYAN ROAD
Location: TIWI, ALBAY



| Road Classification | Minor Road (Provincial Road) | |
|-----------------------|------------------------------|---------------|
| Total Length | 1.7 km | |
| Sub-section No. | 1 | 2 |
| Length (km) | .6 | 1.1 |
| Terrain | Flat | Flat |
| Existing Road Surface | 5.0-BTM (Fair) | 5.0-BTM (Bad) |
| Proposed Improvement | Widening Rehabil. | |
| Improvement Type | * BMP * BMP | |
| Surface Type | * BMP * BMP | |
| Carriageway Width(m) | 6.0 | 6.0 |
| Shoulder Width (m) | 1.5 | 1.5 |
| Ref. Typical Section | TYPE 4-3 | TYPE 1-5 |

* DBST can be applied instead depending on conditions of subgrade, axle load, drainage, etc.

Road No: P60 Road Name: UPPER BONGGA-SALVACION JCT. ROAD
Location: BACACAY & STO. DOMINGO, ALBAY



| Road Classification | Minor Road (Provincial Road) | | | |
|-----------------------|-------------------------------------|-----------------|---------------|-----------------|
| Total Length | 12.0 km | | | |
| Sub-section No. | 1 | 2 | 3 | 4 |
| Length (km) | 4.3 | 2.3 | 1.4 | 4.0 |
| Terrain | Flat | Rolling | Rolling | Rolling |
| Existing Road Surface | 4.0-BTM (V.Bad) | 4.0-BTM (V.Bad) | 3.2-GRV (Bad) | 3.2-GRV (V.Bad) |
| Proposed Improvement | Rehabil. Rehabil. Rehabil. Rehabil. | | | |
| Improvement Type | * BMP * BMP Gravel Gravel | | | |
| Surface Type | * BMP * BMP Gravel Gravel | | | |
| Carriageway Width(m) | 6.0 | 6.0 | 6.0 | 6.0 |
| Shoulder Width (m) | 1.5 | 1.0 | .5 | .5 |
| Ref. Typical Section | TYPE 1-5 | TYPE 1-5 | TYPE 1-6 | TYPE 1-6 |
| Special Treatment | Steep Section Length | | | |
| | - | - | 200 | 1000 |
| Bridge No. | BR-1 | BR-2 | BR-3 | BR-4 |
| Existing Type | Concrete Concrete Concrete Concrete | | | |
| Length (m) | 10 | 10 | 23 | 42 |
| Proposed Type | - | | | |
| Length (m) | - | | | |
| No. of Spans | - | | | |

* DBST can be applied instead depending on conditions of subgrade, axle load, drainage, etc.

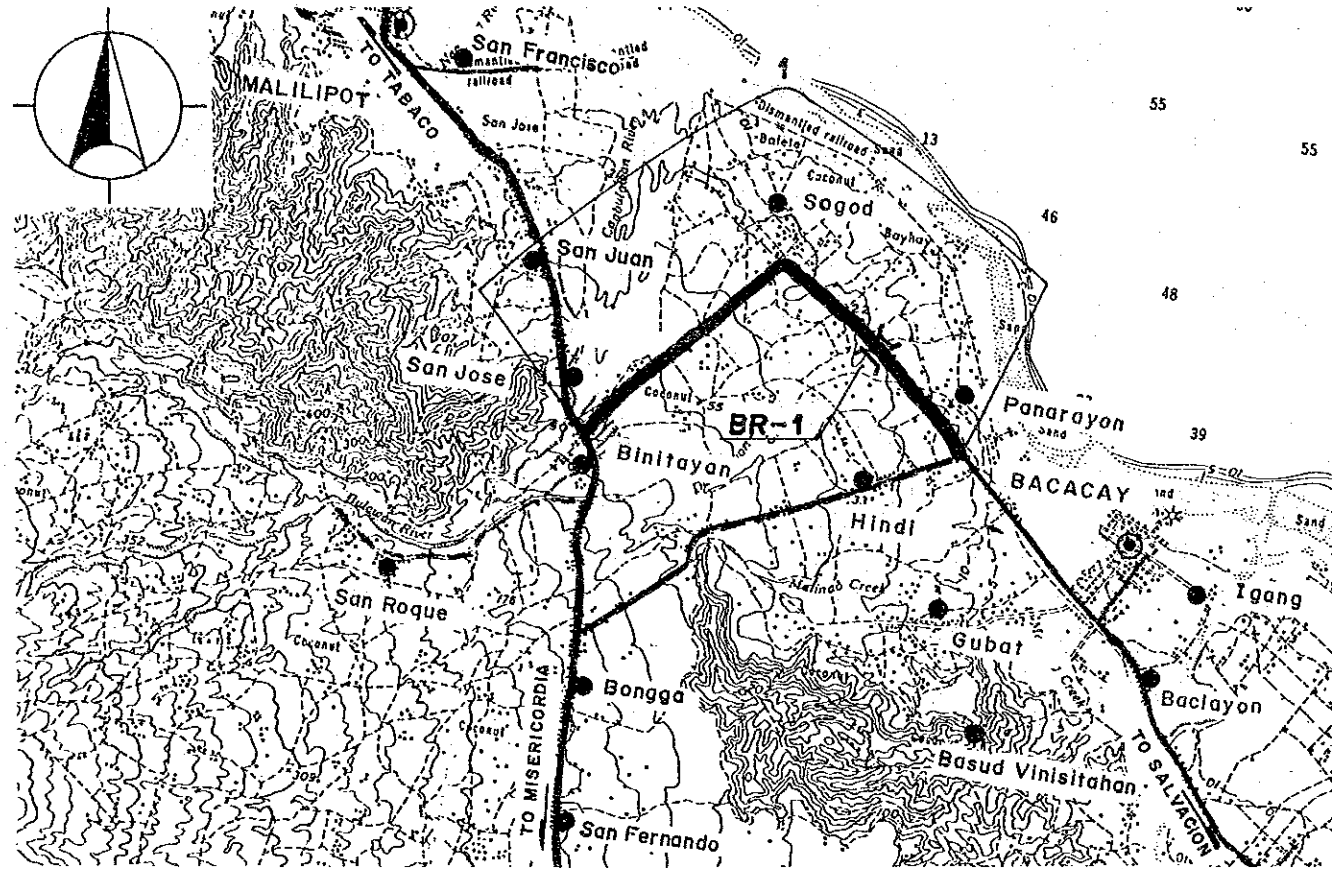
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PRESENT CONDITION AND PROPOSED IMPROVEMENT

Scale
1:50,000

Drawing No.
50

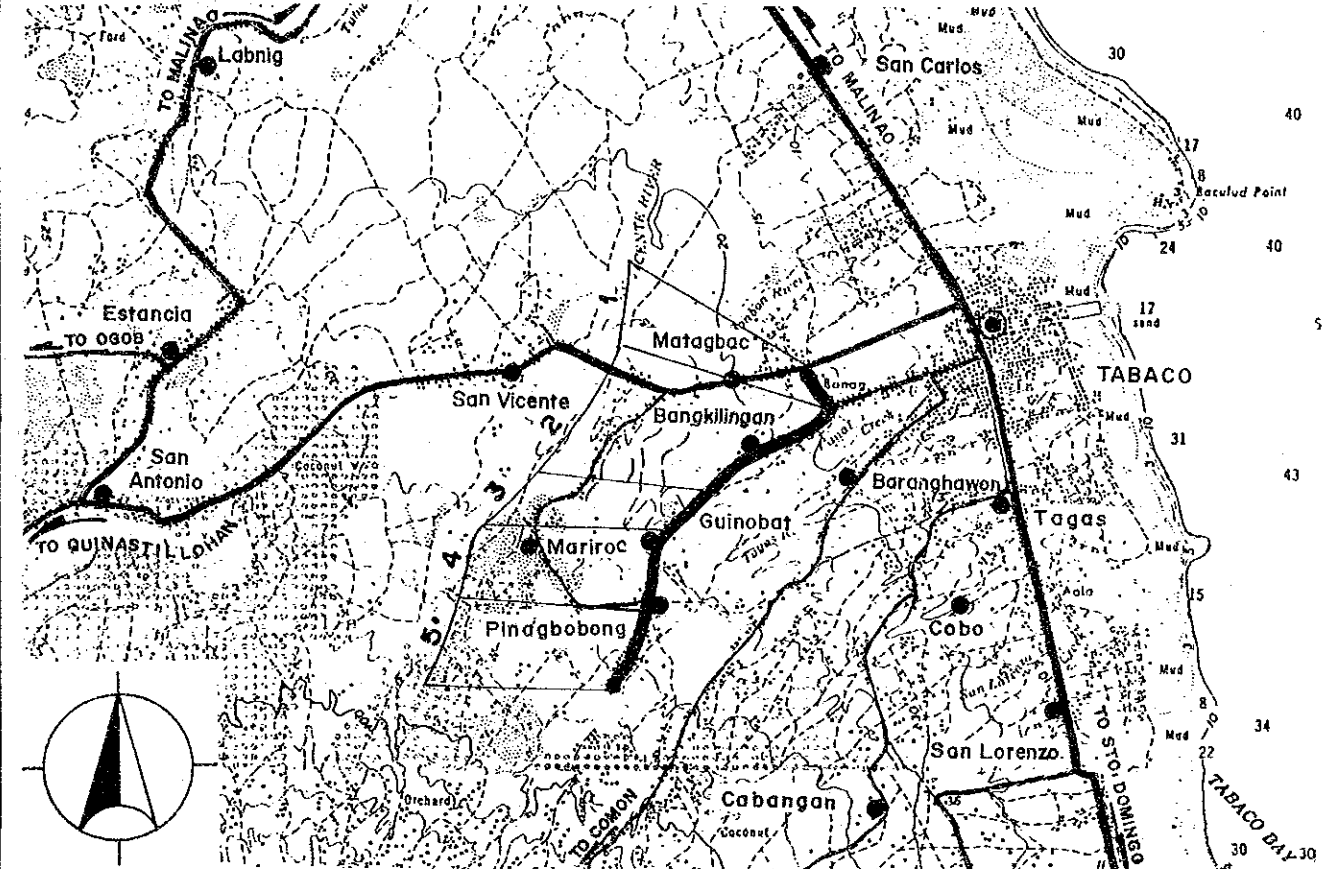
Road No: P61 Road Name: SAN JOSE-BACACAY ROAD
Location : BACACAY, ALBAY



| | |
|-----------------------|------------------------------|
| Road Classification | Minor Road (Provincial Road) |
| Total Length | 3.9 km |
| Sub-section No. | 1 |
| Length (km) | 3.9 |
| Terrain | Flat |
| Existing Road Surface | 4.0-BTM (Bad) |
| Proposed Improvement | Rehabil. |
| Improvement Type | * BMP |
| Surface Type | 6.0 |
| Carriageway Width(m) | 1.5 |
| Shoulder Width (m) | TYPE 1-5 |
| Ref. Typical Section | |
| Bridge No. | BR-1 |
| Existing Type | Concrete |
| Length (m) | 5 |
| Proposed Type | - |
| Length (m) | - |
| No. of Spans | - |

* DBST can be applied instead depending on conditions of subgrade, axle load, drainage, etc.

Road No: P65 Road Name: PANAL JCT.-PINAGBOBONG ROAD
Location : TABACO, ALBAY



| | | | | | |
|-----------------------|------------------------------|----------------|-----------------|-----------------|---------------|
| Road Classification | Minor Road (Provincial Road) | | | | |
| Total Length | 2.9 km | | | | |
| Sub-section No. | 1 | 2 | 3 | 4 | 5 |
| Length (km) | .3 | 1.0 | .4 | .6 | .6 |
| Terrain | Flat | Flat | Flat | Rolling | Flat |
| Existing Road Surface | 3.0-BTM (Bad) | 3.0-BTM (Fair) | 4.5-GRV (V.Bad) | 3.0-BTM (V.Bad) | 4.5-GRV (Bad) |
| Proposed Improvement | Rehabil. | Widening | Impr.-1 | Rehabil. | Rehabil. |
| Improvement Type | * BMP | * BMP | * BMP | * BMP | Gravel |
| Surface Type | 6.0 | 6.0 | 6.0 | 6.0 | 6.0 |
| Carriageway Width(m) | 1.5 | 1.5 | 1.5 | 1.0 | 1.0 |
| Shoulder Width (m) | TYPE 1-5 | TYPE 4-3 | TYPE 2-4 | TYPE 1-5 | TYPE 1-6 |
| Ref. Typical Section | | | | | |

* DBST can be applied instead depending on conditions of subgrade, axle load, drainage, etc.

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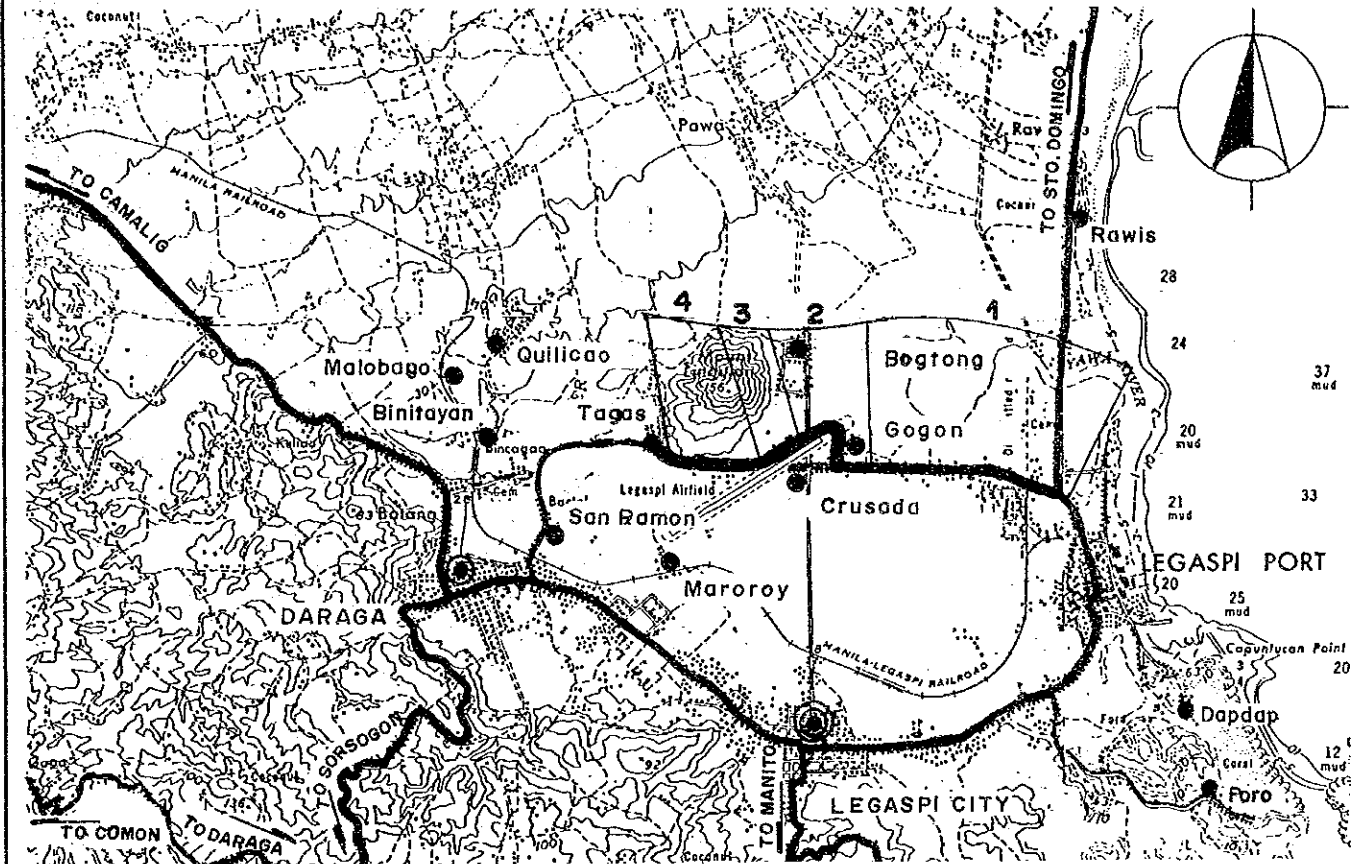
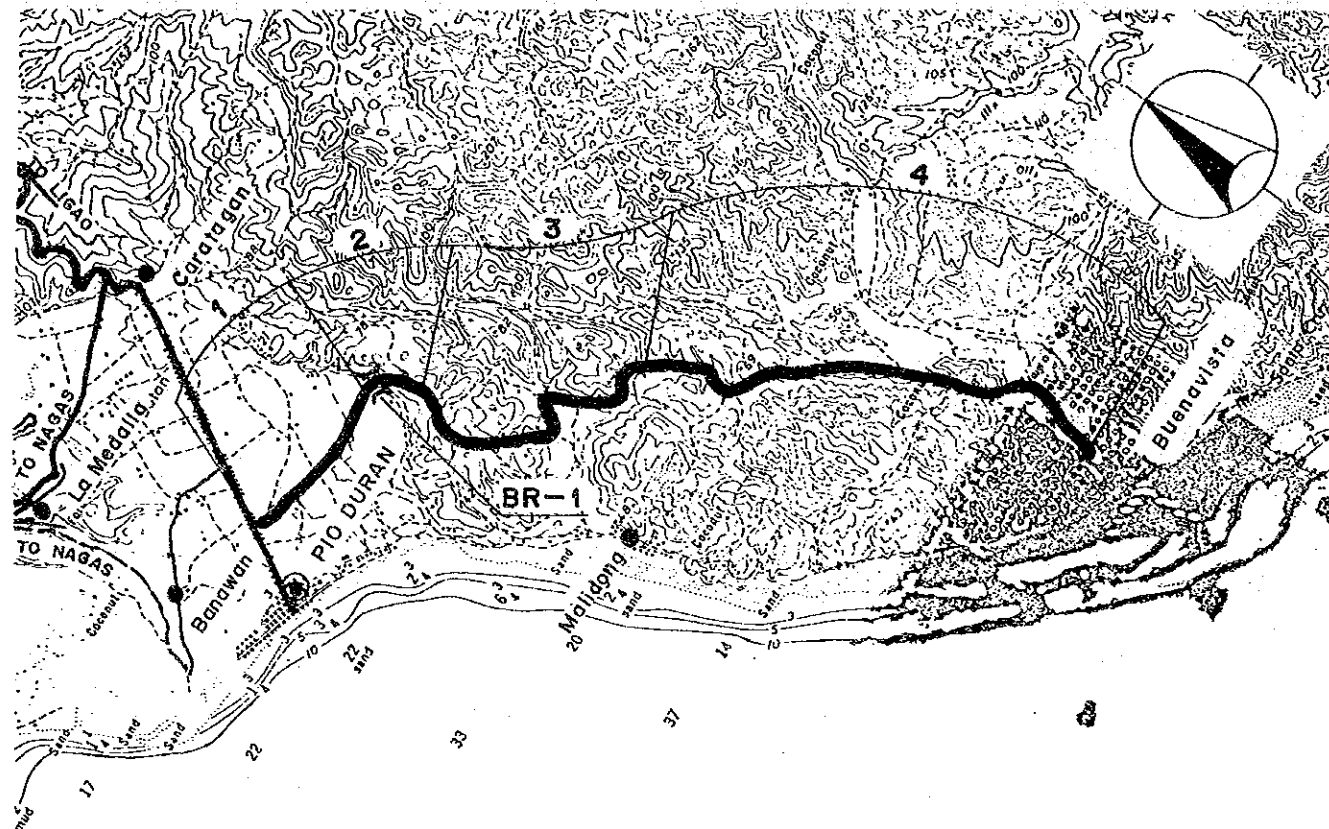
PRESENT CONDITION AND PROPOSED IMPROVEMENT

Scale
1:50,000

Drawing No.
51

Road No: P66 Road Name: PIO DURAN-BUENAVISTA ROAD
Location: PIO DURAN, ALBAY

Road No: B0-2 Road Name: BONOT JCT.-DARAGA JCT. ROAD
Location: LEGASPI CITY, ALBAY



| Road Classification | Minor Road (Provincial Road) | | | |
|-----------------------|------------------------------|--------------------|--------------------|--------------------|
| Total Length | 6.0 km | | | |
| Sub-section No. | 1 | 2 | 3 | 4 |
| Length (km) | 1.2 | .4 | 2.0 | 2.4 |
| Terrain | Flat | Mt'nous | Mt'nous | Mt'nous |
| Existing Road Surface | 5.0-BTM (Bad) | 4.5-GRV (V.Bad) | 3.2-GRV (V.Bad) | 3.2-EAR (V.Bad) |
| Proposed Improvement | Rehabil. | Rehabil. | Rehabil. | Impr.-1 |
| Improvement Type | | | | |
| Surface Type | * BMP | Gravel | Gravel | Gravel |
| Carriageway Width(m) | 6.0 | 6.0 | 6.0 | 6.0 |
| Shoulder Width (m) | 1.5 | .5 | .5 | .5 |
| Ref. Typical Section | TYPE 1-5 | TYPE 1-6 | TYPE 1-6 | TYPE 2-8 |
| Special Treatment | | | | |
| Steep Section Length | - | 100 | 100 | 500 |
| Bridge No. | BR-1 | | | |
| Existing Type | Timber | | | |
| Length (m) | 7 | | | |
| Proposed Type | 2cell-BC | | | |
| Length (m) | 7 | | | |
| No. of Spans | 2 | | | |

* DBST can be applied instead depending on conditions of subgrade, axle load, drainage, etc.

| Road Classification | Minor Road (Barangay Road) | | | |
|-----------------------|----------------------------|-------------------|------------------|-------------------|
| Total Length | 3.1 km | | | |
| Sub-section No. | 1 | 2 | 3 | 4 |
| Length (km) | 1.4 | .7 | .3 | .7 |
| Terrain | Flat | Flat | Flat | Flat |
| Existing Road Surface | 5.0-BTM (Bad) | 5.0-BTM (Good) | 5.0-BTM (Bad) | 5.0-BTM (Fair) |
| Proposed Improvement | Rehabil. | - | Rehabil. | - |
| Improvement Type | | | | |
| Surface Type | * BMP | - | Overlay | - |
| Carriageway Width(m) | 6.0 | - | 5.0 | - |
| Shoulder Width (m) | 1.0 | - | 1.5 | - |
| Ref. Typical Section | TYPE 1-5 | - | TYPE 1-4 | - |

* DBST can be applied instead depending on conditions of subgrade, axle load, drainage, etc.

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PRESENT CONDITION AND PROPOSED IMPROVEMENT

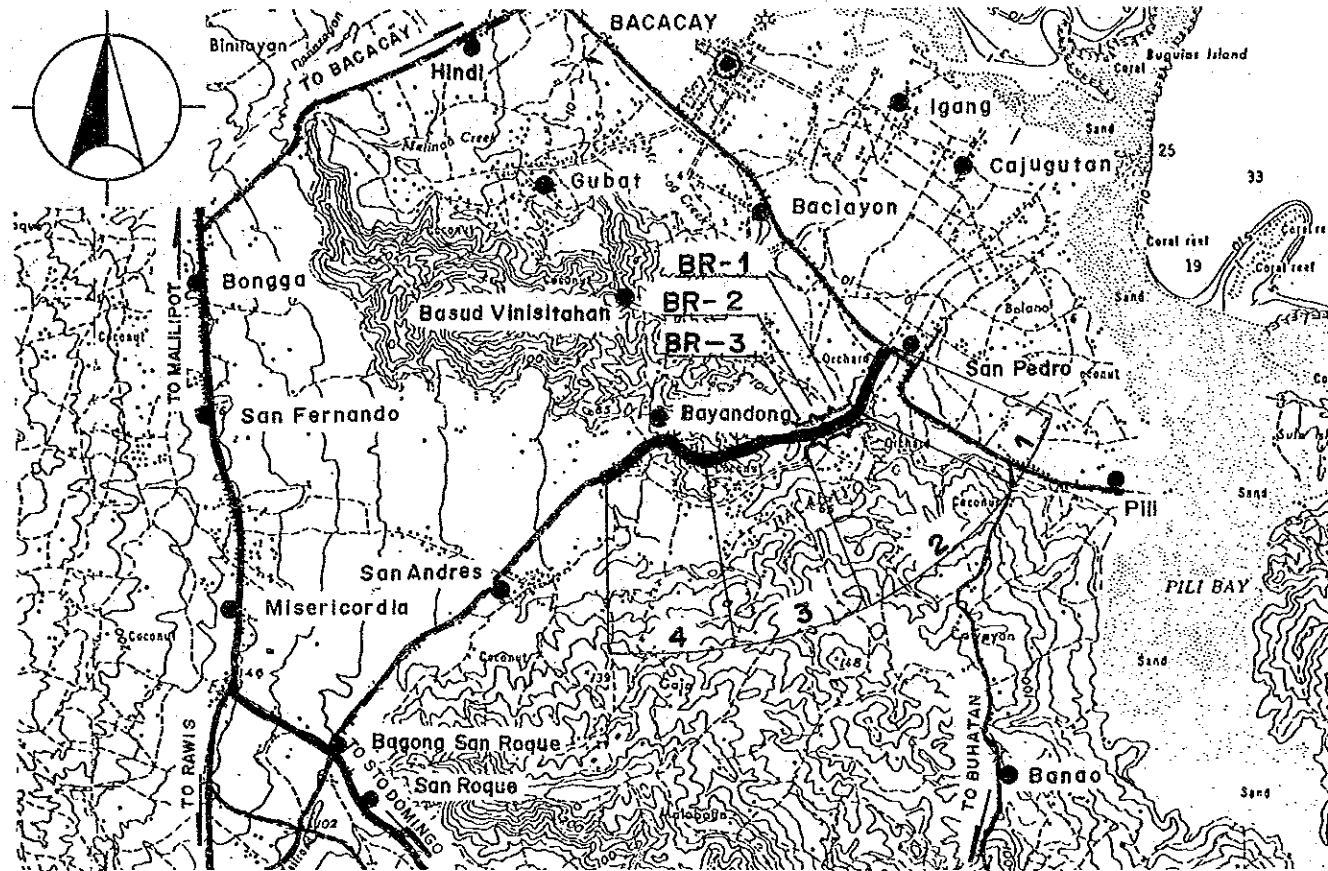
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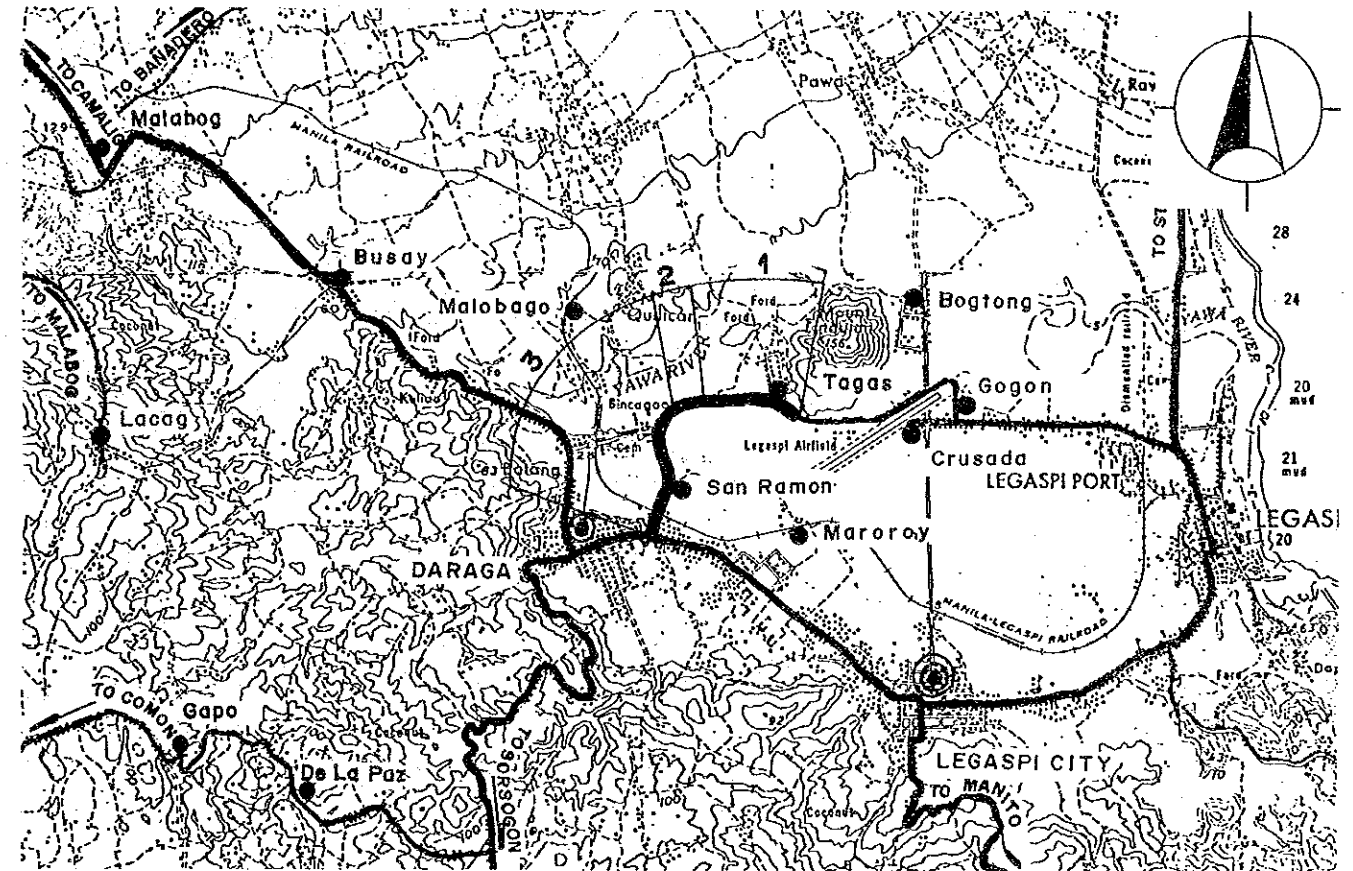
Drawing No.

52

Road No: B1-3 Road Name: SAN PEDRO-BASUD-BAYANDONG ROAD
Location : BACACAY, ALBAY



Road No: B3-1 Road Name: BONOT JCT.-DARAGA JCT. ROAD
Location : DARAGA, ALBAY



| Road Classification | Minor Road (Barangay Road) | | | |
|-----------------------|---|--------------------|------------------|------------------|
| Total Length | 3.0 km | | | |
| Sub-section No. | 1 | 2 | 3 | 4 |
| Length (km) | .5 | .5 | 1.0 | 1.0 |
| Terrain | Flat | Flat | Flat | Flat |
| Existing Road Surface | 6.0-EAR (V.Bad) | 2.4-EAR (V.Bad) | 3.2-GRV (Bad) | 3.2-GRV (Bad) |
| Proposed Improvement | Impr.-1 Impr.-1 Rehabil. Rehabil. | | | |
| Improvement Type | Gravel Gravel Gravel Gravel | | | |
| Surface Type | Gravel Gravel Gravel Gravel | | | |
| Carriageway Width(m) | 4.0 | 4.0 | 4.0 | 4.0 |
| Shoulder Width (m) | 1.0 | 1.0 | 1.0 | 1.0 |
| Ref. Typical Section | TYPE 2-8 | TYPE 2-8 | TYPE 1-6 | TYPE 1-6 |
| Bridge No. | BR-1 | BR-2 | BR-3 | |
| Existing Type | Ford-Cr. Ford-Cr. Ford-Cr. | | | |
| Length (m) | - | | | |
| Proposed Type | 1Lane-Sp 1Lane-Sp 1Lane-Sp | | | |
| Length (m) | 50 | 25 | 25 | |
| No. of Spans | - | | | |

| Road Classification | Minor Road (Barangay Road) | | |
|-----------------------|----------------------------|------------------|-------------------|
| Total Length | 1.9 km | | |
| Sub-section No. | 1 | 2 | 3 |
| Length (km) | 1.0 | .2 | .7 |
| Terrain | Flat | Flat | Flat |
| Existing Road Surface | 5.0-BTM (Fair) | 5.0-BTM (Bad) | 6.1-PCC (Good) |
| Proposed Improvement | - Rehabil. - | | |
| Improvement Type | - * BMP - | | |
| Surface Type | - * BMP - | | |
| Carriageway Width(m) | - | 6.0 | - |
| Shoulder Width (m) | - | 1.0 | - |
| Ref. Typical Section | - TYPE 1-5 - | | |

* DBST can be applied instead depending on conditions of subgrade, axle load, drainage, etc.