

**THE PILOT STUDY FOR THE RURAL ROAD NETWORK DEVELOPMENT PROJECT
IN THE REPUBLIC OF THE PHILIPPINES**

PRESENT CONDITION AND PROPOSED IMPROVEMENT

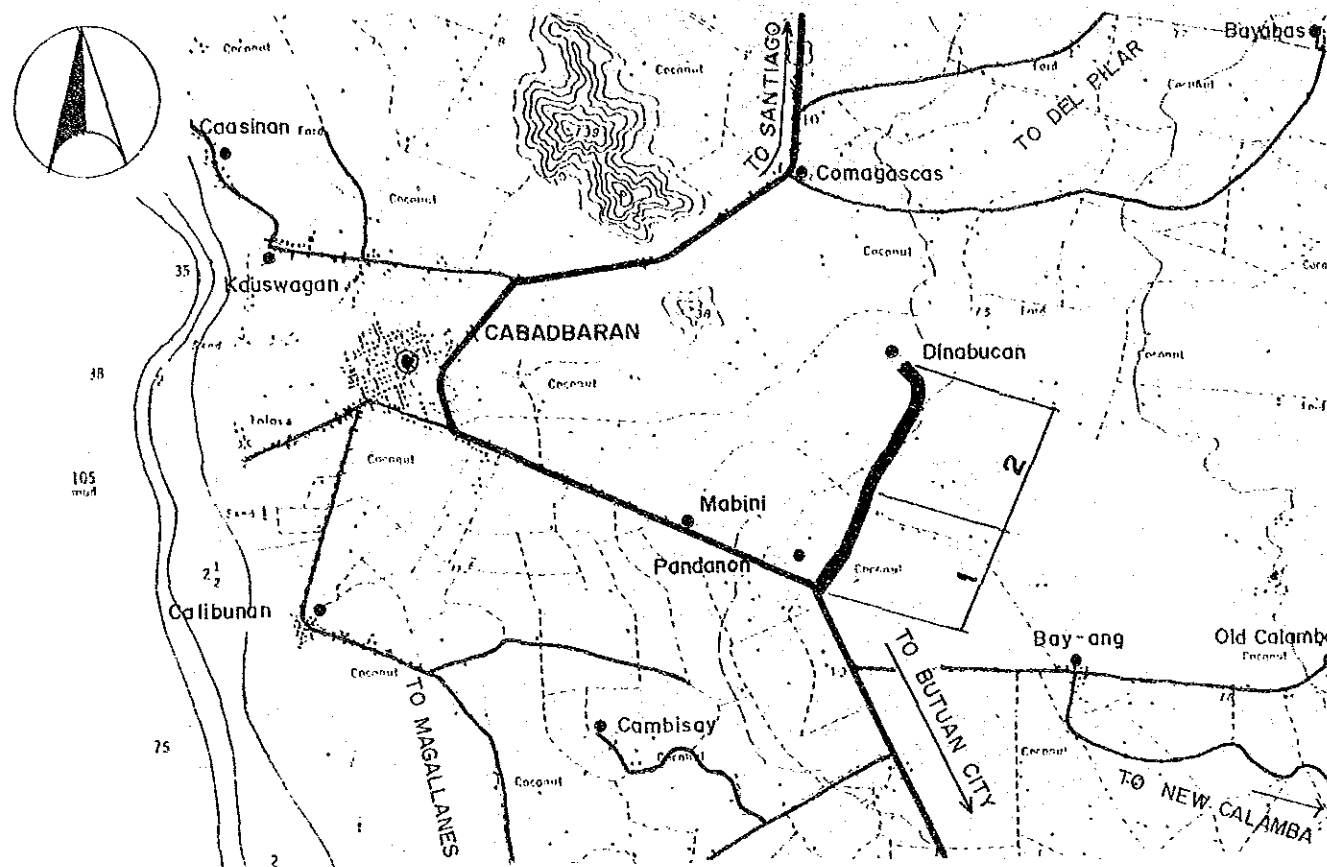
Scale
1:50,000

Drawing No.
30

Road No: P2-53

Road Name: PANDANON-DINABUCAN ROAD

Location : CABADBARAN, AGUSAN DEL NORTE

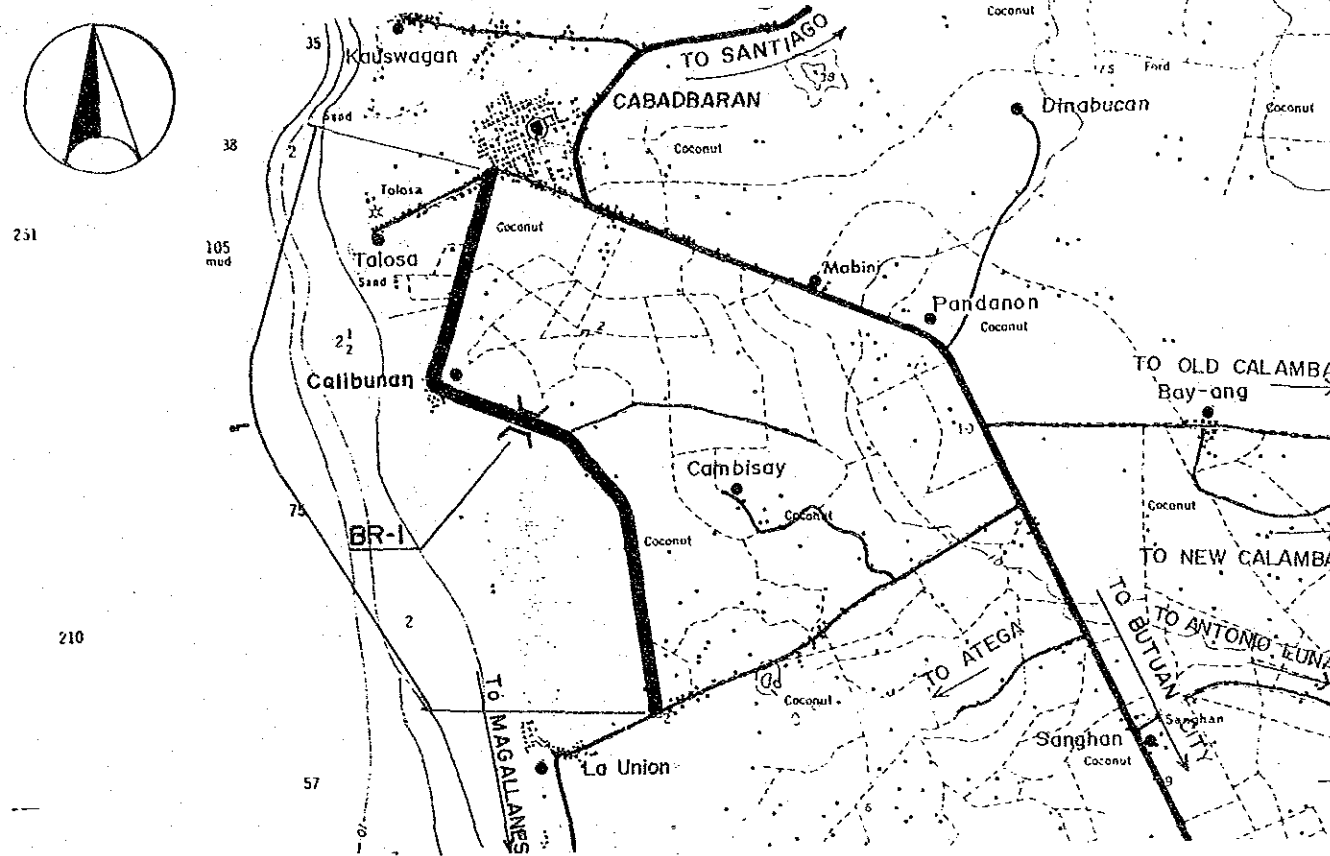


Road Classification	Minor Road (Provincial Road)	
Total Length	1.9 km	
Sub-section No.	1	2
Length (km)	.8	1.1
Terrain	Flat	Flat
Existing Road Surface	5.0-GRV (V.Bad)	4.5-GRV (Bad)
Proposed Improvement	Rehabil.	Rehabil.
Improvement Type	Gravel	Gravel
Surface Type	Gravel	Gravel
Carriageway Width(m)	4.0	4.0
Shoulder Width (m)	1.0	1.0
Ref. Typical Section	TYPE 1-6	TYPE 1-6

Road No: P2-57

Road Name: CABADBARAN-C-LA UNION ROAD

Location : CABADBARAN, AGUSAN DEL NORTE



Road Classification	Minor Road (Provincial Road)
Total Length	4.6 km
Sub-section No.	1
Length (km)	4.6
Terrain	Flat
Existing Road Surface	4.5-GRV (V.Bad)
Proposed Improvement	Rehabil.
Improvement Type	Gravel
Surface Type	Gravel
Carriageway Width(m)	6.0
Shoulder Width (m)	1.0
Ref. Typical Section	TYPE 1-6
Bridge No.	BR-1
Existing Type	Concrete
Length (m)	18
Proposed Type	-
Length (m)	-
No. of Spans	-

THE PILOT STUDY FOR THE RURAL ROAD NETWORK DEVELOPMENT PROJECT IN THE REPUBLIC OF THE PHILIPPINES

PRESENT CONDITION AND PROPOSED IMPROVEMENT

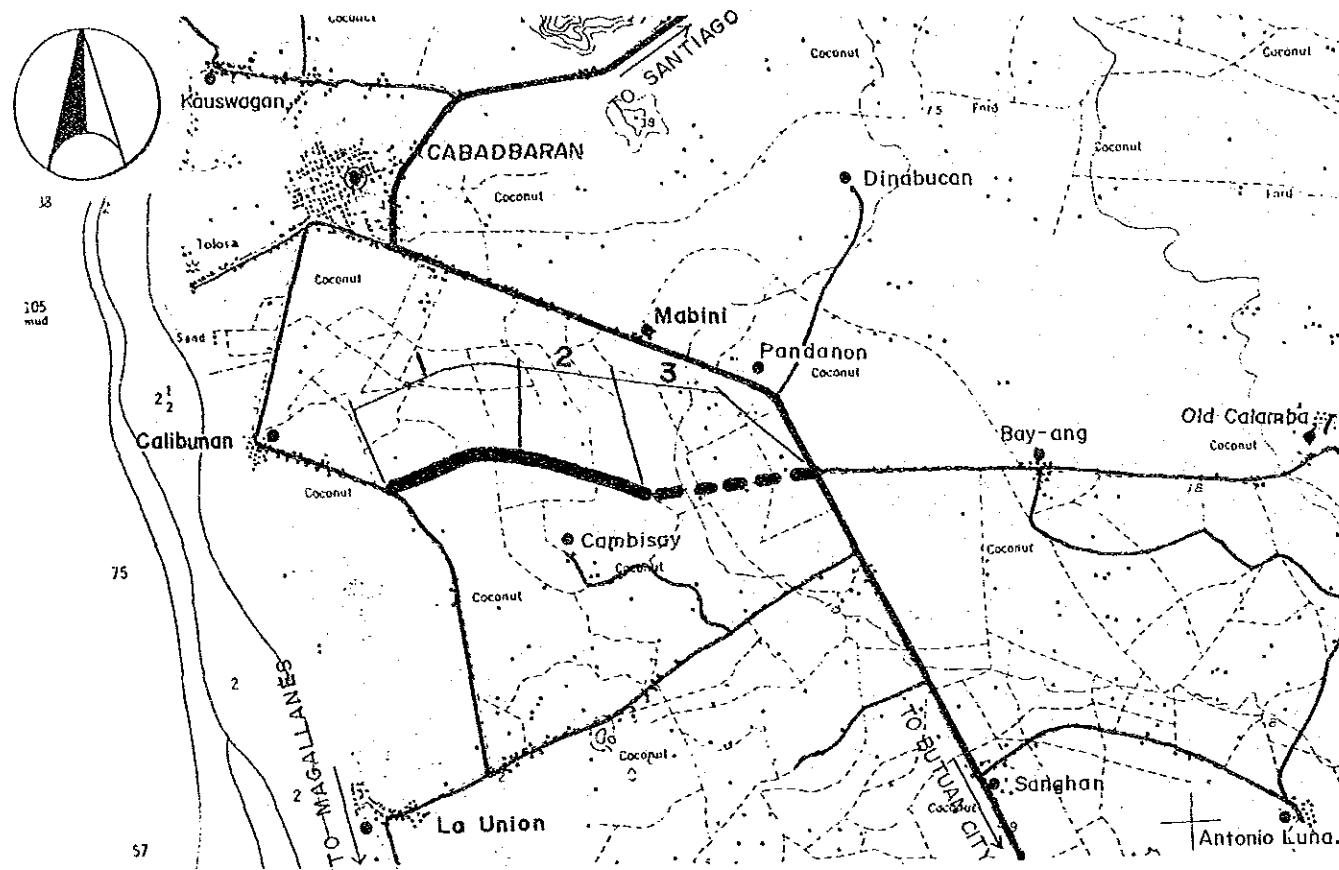
Scale
1:50,000

Drawing No.
31

Road No: P2-59

Road Name: CALIBUNAN-MALINGIN

Location: CABADBARAN, AGUSAN DEL NORTE

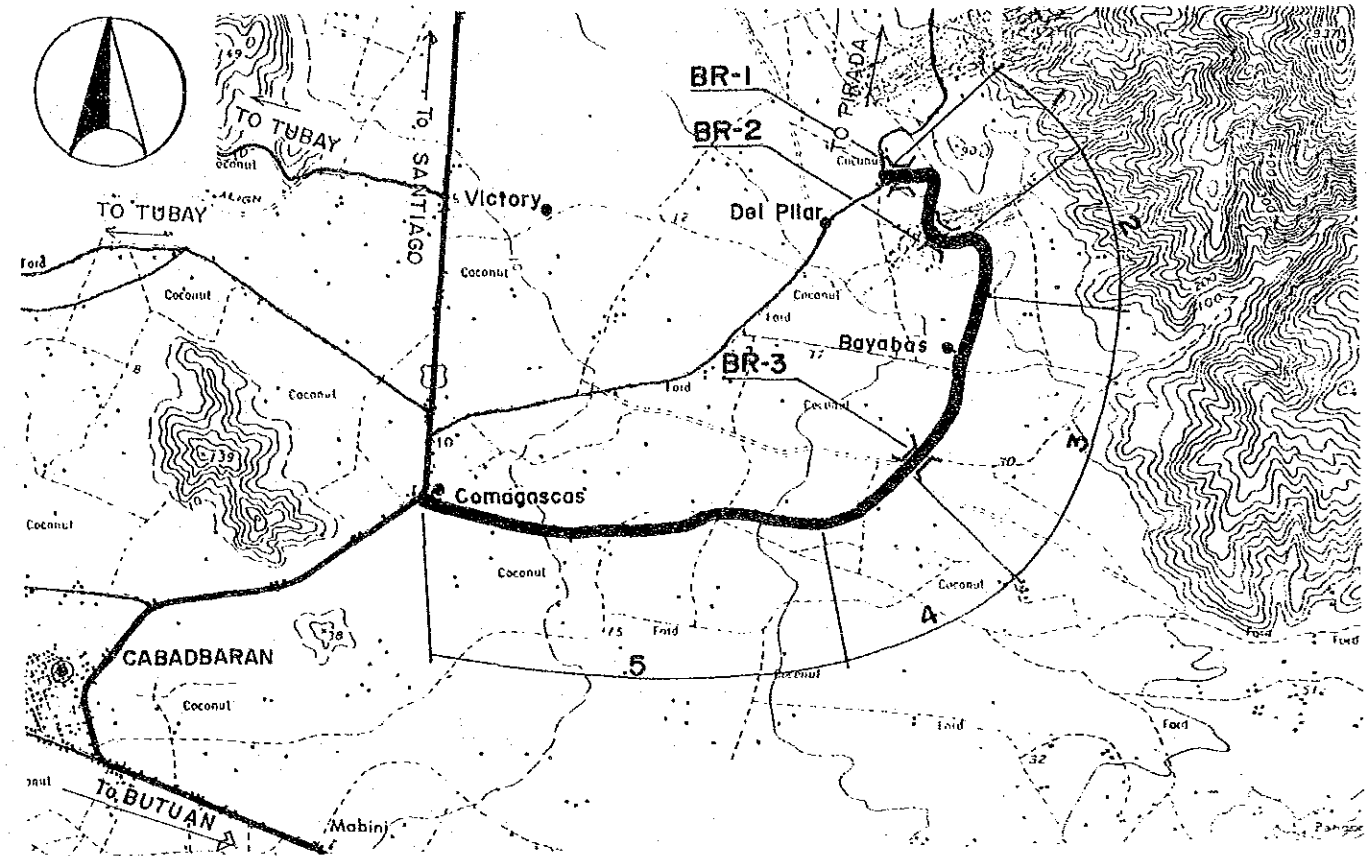


Road Classification	Minor Road (Provincial Road)		
Total Length	3.0 km		
Sub-section No.	1	2	3
Length (km)	1.0	.9	1.1
Terrain	Flat	Flat	Flat
Existing Road Surface	2.8-GRV (Bad)	2.4-GRV (V.Bad)	Impass./ Non-ex.
Proposed Improvement	Rehabil.	Rehabil.	New Con.
Improvement Type	Gravel	Gravel	Gravel
Surface Type	4.0	4.0	4.0
Carriageway Width(m)	1.0	1.0	1.0
Shoulder Width (m)	TYPE 1-6 TYPE 1-6 TYPE 5-4		
Ref. Typical Section			

Road No: P2-64

Road Name: COMA-C-B-DEL PILAR ROAD

Location: CABADBARAN, AGUSAN DEL NORTE



Road Classification	Minor Road (Provincial Road)				
Total Length	7.2 km				
Sub-section No.	1	2	3	4	5
Length (km)	1.1	.5	1.6	.7	3.3
Terrain	Flat	Flat	Flat	Flat	Flat
Existing Road Surface	2.8-GRV (V.Bad)	4.0-GRV (Fair)	3.2-GRV (V.Bad)	4.0-GRV (Fair)	4.0-GRV (V.Bad)
Proposed Improvement	Rehabil.	Widening	Rehabil.	Widening	Rehabil.
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	1.0	1.0	1.0
Shoulder Width (m)	TYPE 1-6 TYPE 4-4 TYPE 1-6 TYPE 4-4 TYPE 1-6				
Ref. Typical Section					
Special Treatment					
Steep Section Length	100	-	-	-	-
Bridge No.	BR-1	BR-2	BR-3		
Existing Type	Ford-Cr.	Ford-Cr.	Ford-Cr.		
Length (m)	-	-	-		
Proposed Type	2Lane-Sp	2Lane-Sp	2Lane-Sp		
Length (m)	10	15	10		
No. of Spans	-	-	-		

THE PILOT STUDY FOR THE RURAL ROAD NETWORK DEVELOPMENT PROJECT
IN THE REPUBLIC OF THE PHILIPPINES

PRESENT CONDITION AND PROPOSED IMPROVEMENT

Scale
1:50,000

Drawing No.
32

Road No: P2-67

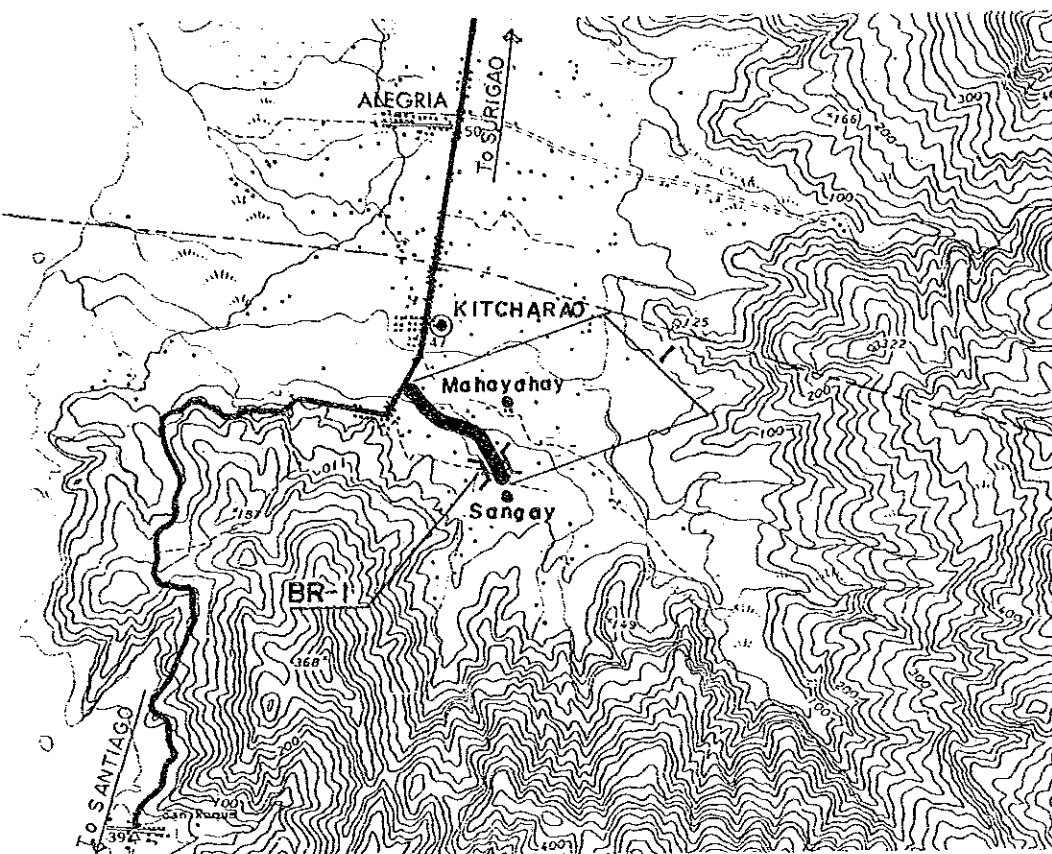
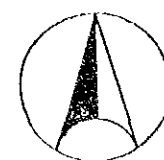
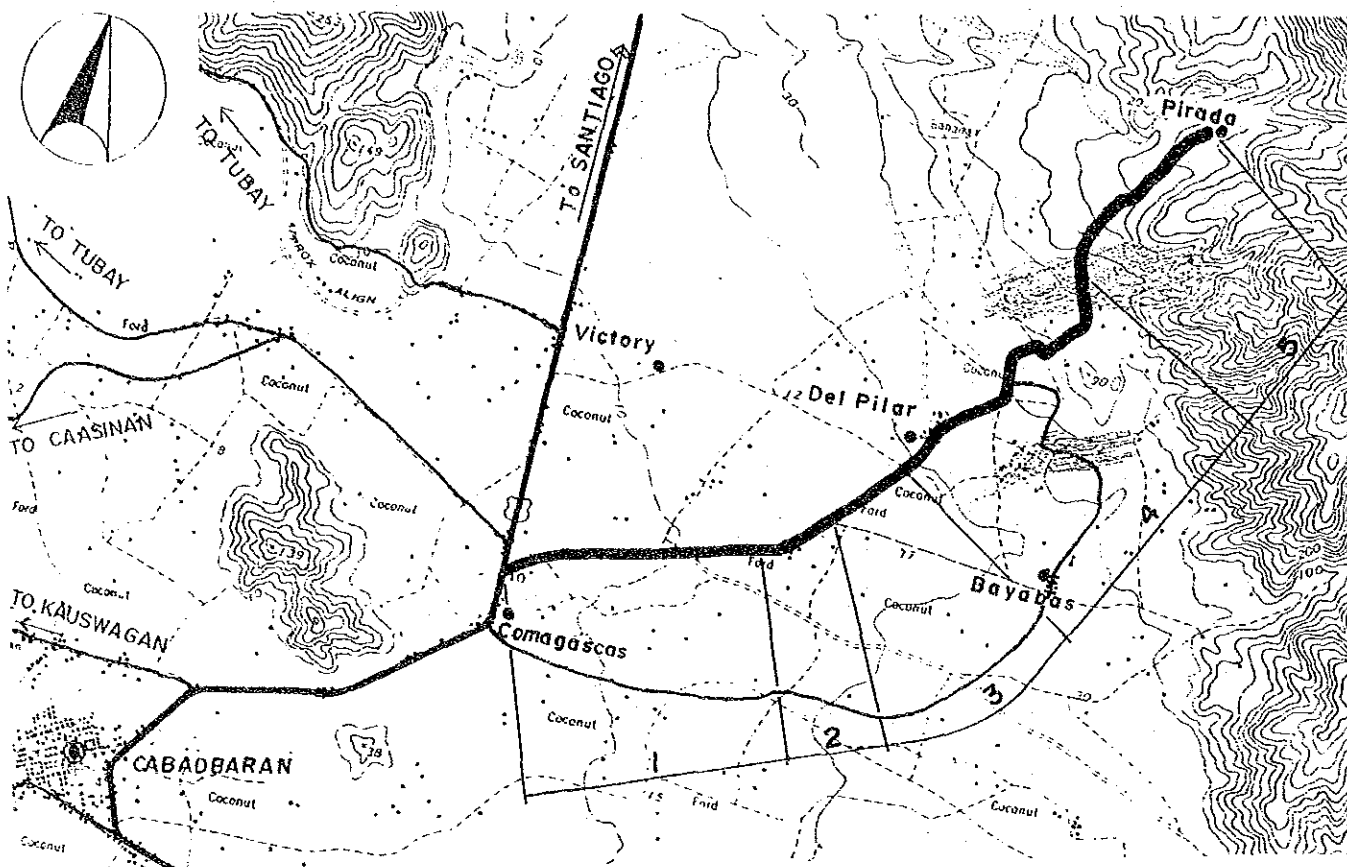
Road Name: COMA-DEL PILAR PIRADA RD.

Location: CABADBARAN, AGUSAN DEL NORTE

Road No: P5-80

Road Name: KITCHARAO-SANGAY ROAD

Location: KITCHARAO, AGUSAN DEL NORTE



Road Classification	Minor Road (Provincial Road)				
Total Length	6.6 km				
Sub-section No.	1	2	3	4	5
Length (km)	1.9	.5	.6	2.2	1.4
Terrain	Flat	Flat	Flat	Flat	Rolling
Existing Road Surface	6.0-GRV (Bad)	4.5-GRV (Bad)	5.5-GRV (V.Bad)	4.0-GRV (Bad)	4.0-GRV (V.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)	1.0	1.0	1.0	1.0	.5
Shoulder Width (m)	TYPE 1-6 TYPE 1-6 TYPE 1-6 TYPE 1-6 TYPE 1-6				
Ref. Typical Section	-				
Special Treatment	-				
Steep Section Length	-				300

Road Classification	Minor Road (Provincial Road)
Total Length	1.1 km
Sub-section No.	1
Length (km)	1.1
Terrain	Flat
Existing Road Surface	4.5-EAR (Bad)
Proposed Improvement	Impr.-1
Improvement Type	Gravel
Surface Type	4.0
Carriageway Width(m)	1.0
Shoulder Width (m)	TYPE 2-8
Ref. Typical Section	
Bridge No.	BR-1
Existing Type	Timber
Length (m)	18
Proposed Type	1Lane-Br
Length (m)	20
No. of Spans	1

THE PILOT STUDY FOR 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: P6-42

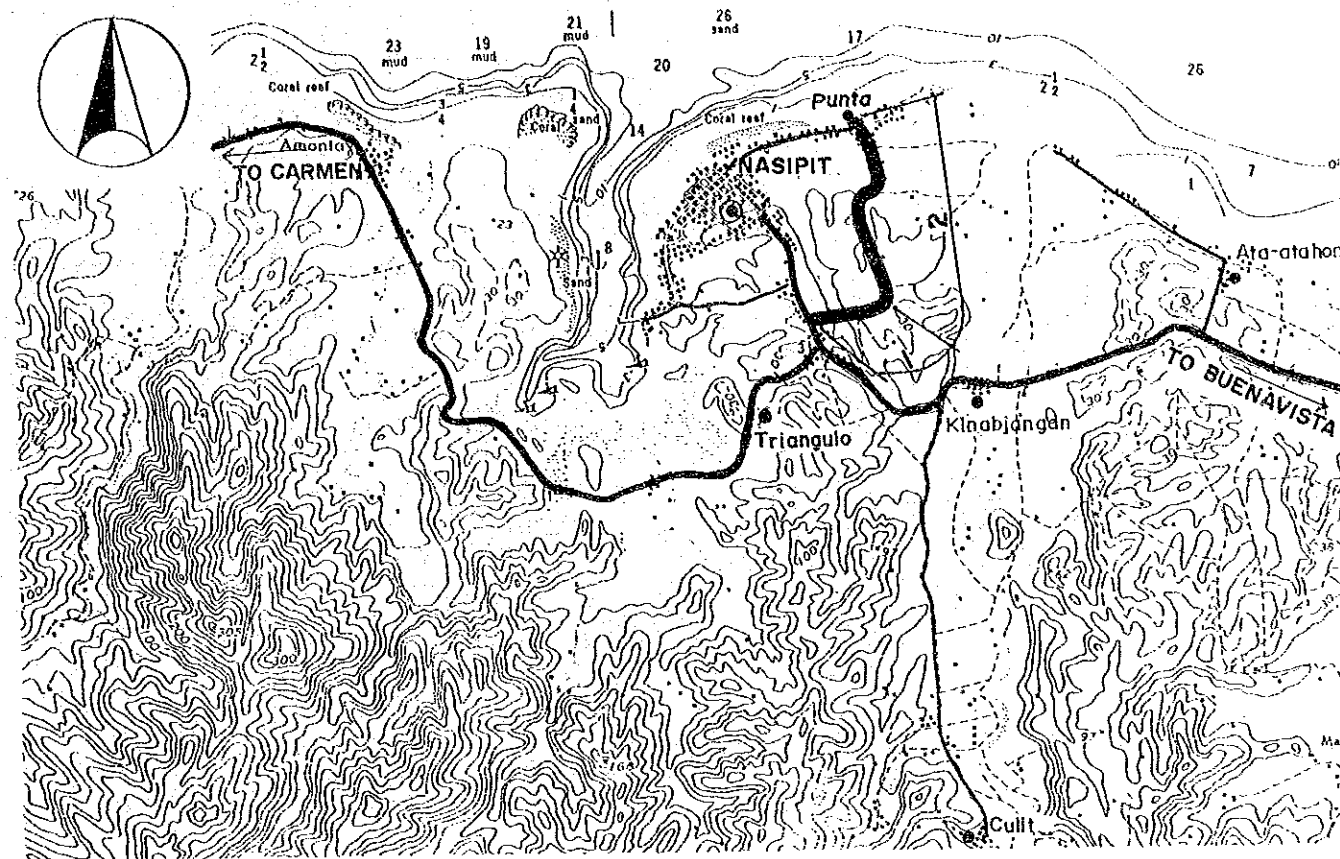
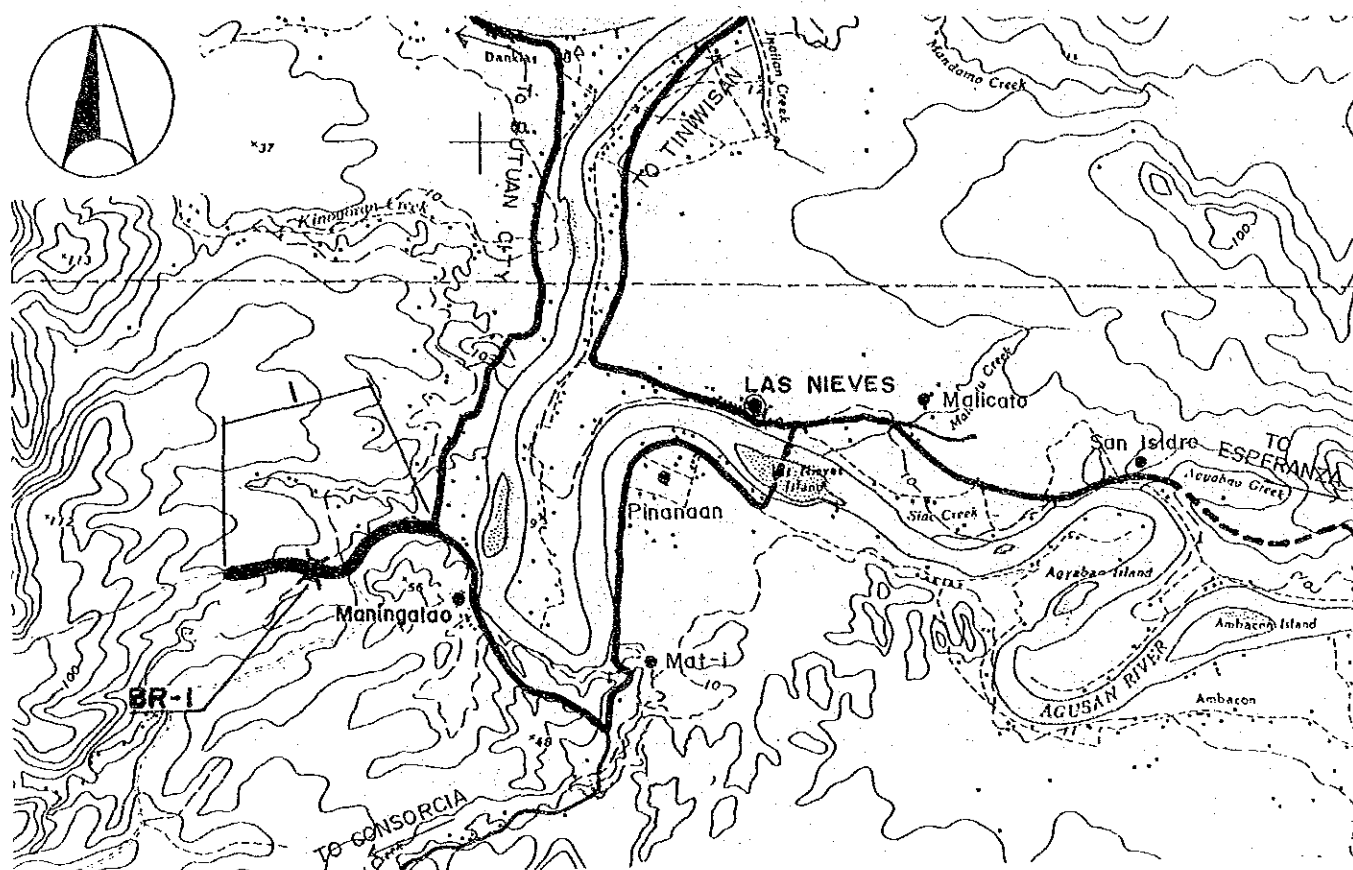
Road Name: MANINGALAO RD.

Location: LAS NIEVES, AGUSAN DEL NORTE

Road No: P8-8

Road Name: TRIANGULO PUNTA ROAD

Location: NASIPIT, AGUSAN DEL NORTE



Road Classification	Minor Road (Provincial Road)
Total Length	1.6 km
Sub-section No.	1
Length (km)	1.6
Terrain	Flat
Existing Road Surface	4.0-GRV (Bad)
Proposed Improvement	Rehabil.
Improvement Type	Gravel
Surface Type	4.0
Carriageway Width(m)	1.0
Shoulder Width (m)	TYPE 1-6
Ref. Typical Section	
Bridge No.	BR-1
Existing Type	Timber
Length (m)	21
Proposed Type	1Lane-Br
Length (m)	25
No. of Spans	1

Road Classification	Minor Road (Provincial Road)	
Total Length	1.8 km	
Sub-section No.	1	2
Length (km)	.5	1.3
Terrain	Rolling	Flat
Existing Road Surface	6.0-GRV (Fair)	5.5-GRV (Bad)
Proposed Improvement	- Rehabil.	
Improvement Type	- Gravel	
Surface Type	- 6.0	
Carriageway Width(m)	- 1.0	
Shoulder Width (m)	- TYPE 1-6	
Ref. Typical Section		

**THE PILOT STUDY FOR THE RURAL ROAD NETWORK DEVELOPMENT PROJECT
IN THE REPUBLIC OF THE PHILIPPINES**

PRESENT CONDITION AND PROPOSED IMPROVEMENT

Scale
1:50,000

Drawing No.
34

Road No: P8-16

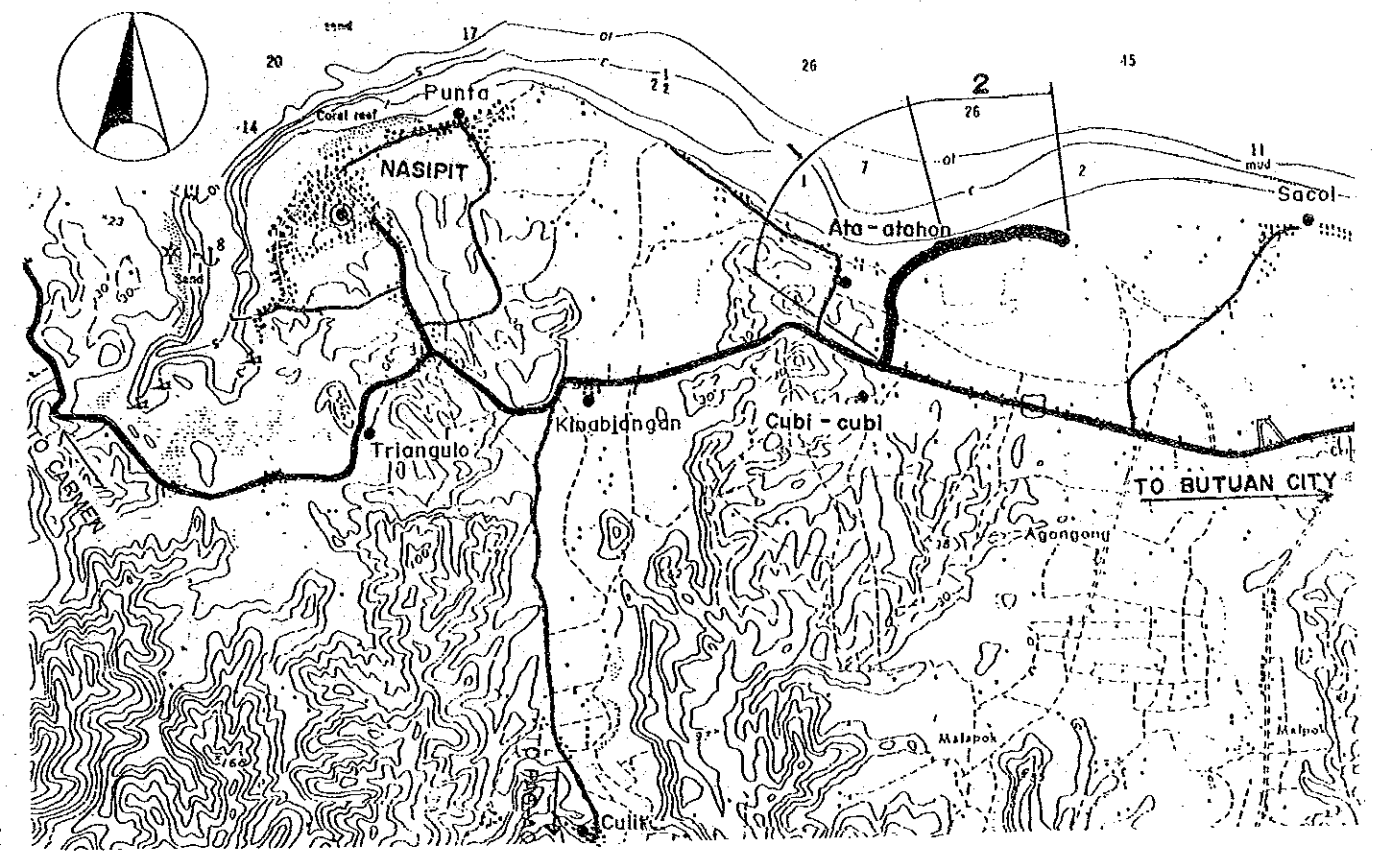
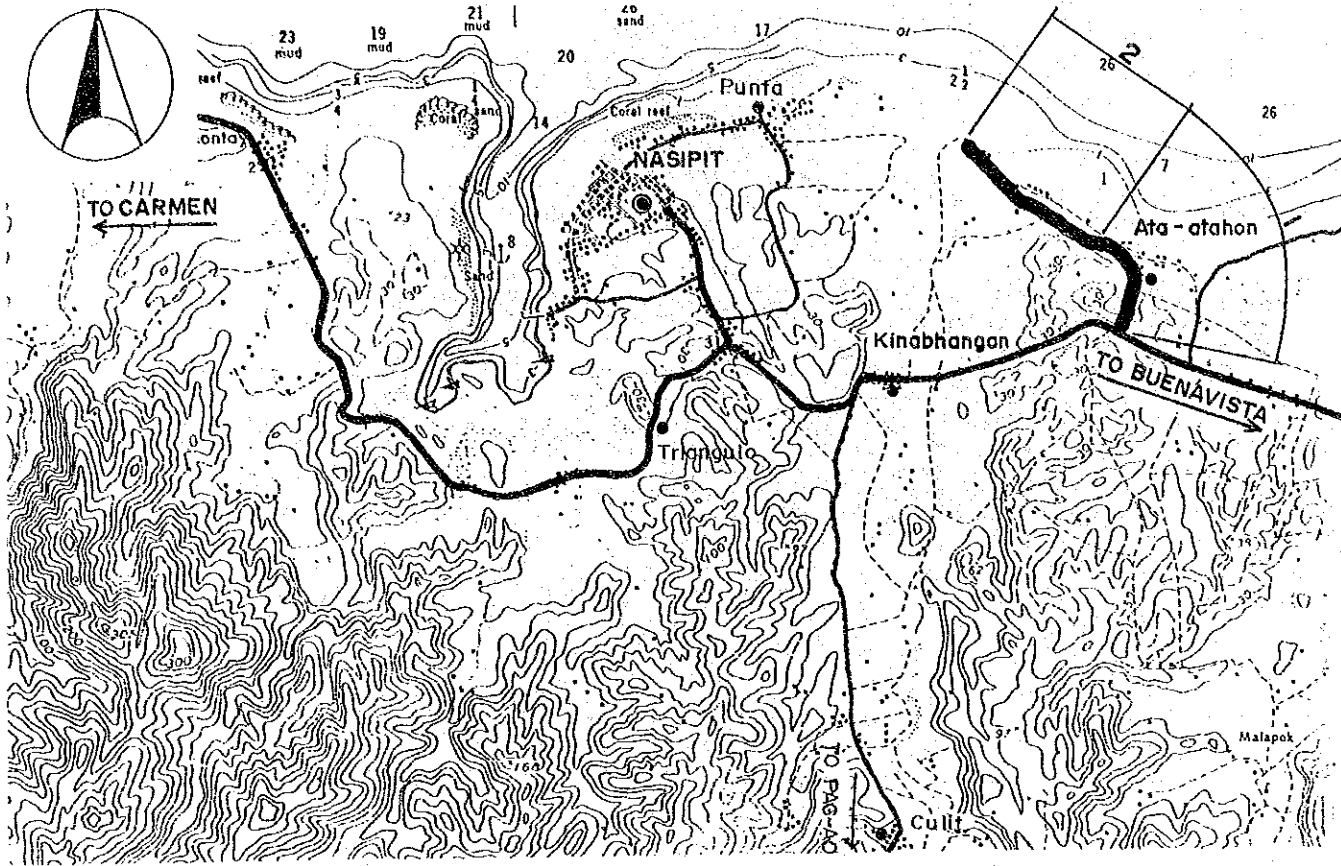
Road Name: ATA-ATAHON ROAD

Location : NASIPIT, AGUSAN DEL NORTE

Road No: P8-17

Road Name: CUBI-CUBI TABIGUE RD.

Location : NASIPIT, AGUSAN DEL NORTE



Road Classification	Minor Road (Provincial Road)	
Total Length	1.8 km	
Sub-section No.	1	2
Length (km)	.7	1.1
Terrain	Flat	Flat
Existing Road Surface	6.0-GRV (Fair)	4.0-GRV (Bad)
Proposed Improvement	Rehabil.	
Improvement Type	Gravel	
Surface Type	Gravel	
Carriageway Width(m)	4.0	
Shoulder Width (m)	1.0	
Ref. Typical Section	TYPE 1-6	

Road Classification	Minor Road (Provincial Road)	
Total Length	1.7 km	
Sub-section No.	1	2
Length (km)	1.1	.6
Terrain	Flat	Flat
Existing Road Surface	5.5-GRV (Bad)	4.0-GRV (Bad)
Proposed Improvement	Rehabil. Rehabil.	
Improvement Type	Gravel Gravel	
Surface Type	Gravel Gravel	
Carriageway Width(m)	4.0	4.0
Shoulder Width (m)	1.0	1.0
Ref. Typical Section	TYPE 1-6	TYPE 1-6

THE PILOT STUDY FOR THE RURAL ROAD NETWORK DEVELOPMENT PROJECT IN THE REPUBLIC OF THE PHILIPPINES

PRESENT CONDITION AND PROPOSED IMPROVEMENT

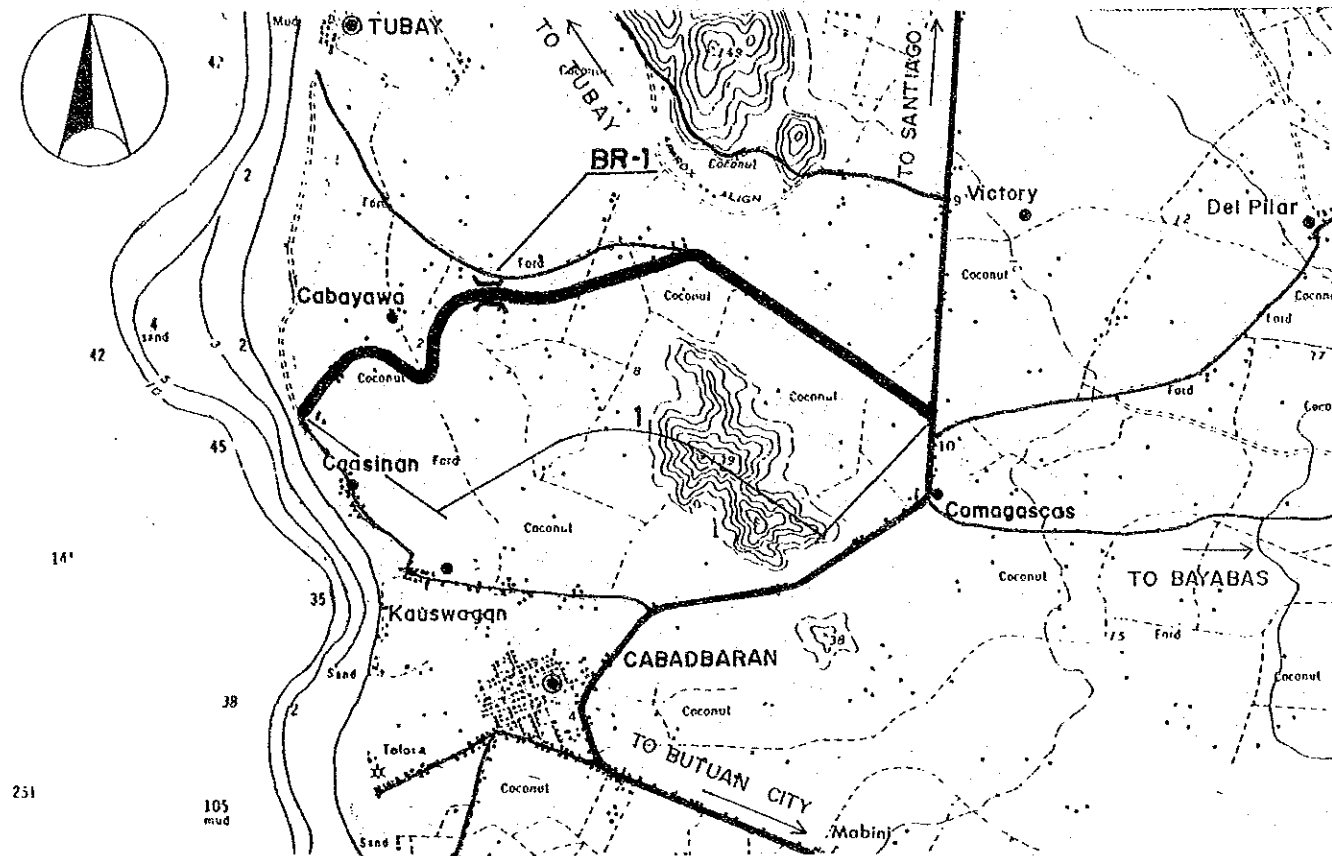
Scale
1:50,000

Drawing No.
35

Road No: P10-68

Road Name: COMA-CABAYAWA-CAASINAN RD.

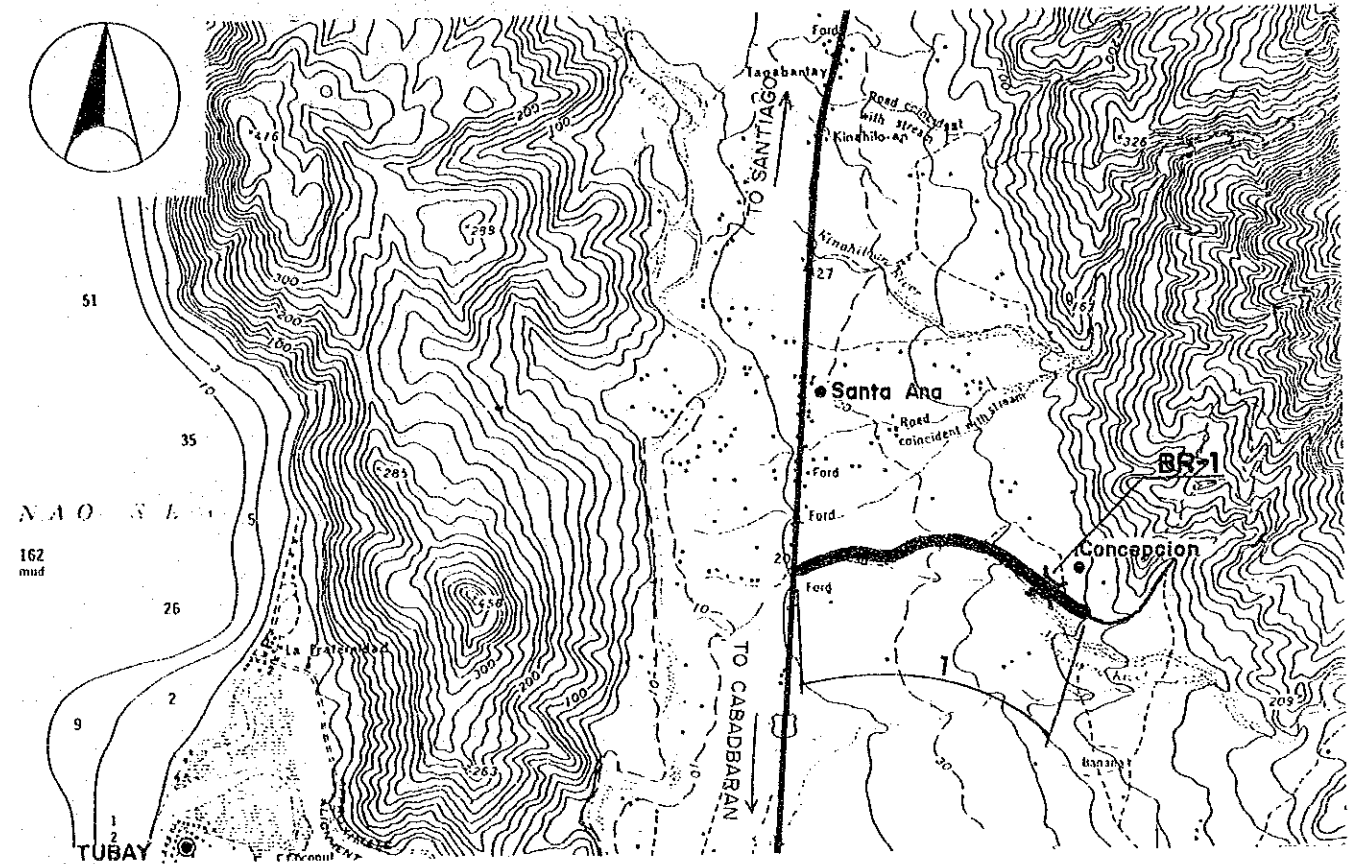
Location : TUBAY & CABADBARAN, AGUSAN DEL NORTE



Road No: P10-72

Road Name: CONCEPCION RD.

Location : TUBAY, AGUSAN DEL NORTE



Road Classification	Minor Road (Provincial Road)
Total Length	5.5 km
Sub-section No.	1
Length (km)	5.5
Terrain	Flat
Existing Road Surface	3.6-GRV (Bad)
Proposed Improvement	Rehabil.
Improvement Type	Gravel
Surface Type	6.0
Carriageway Width(m)	1.0
Shoulder Width (m)	TYPE 1-6
Ref. Typical Section	
Bridge No.	BR-1
Existing Type	Timber
Length (m)	23
Proposed Type	2Lane-Br
Length (m)	25
No. of Spans	1

Road Classification	Minor Road (Provincial Road)
Total Length	2.2 km
Sub-section No.	1
Length (km)	2.2
Terrain	Flat
Existing Road Surface	3.6-GRV (Bad)
Proposed Improvement	Rehabil.
Improvement Type	Gravel
Surface Type	4.0
Carriageway Width(m)	1.0
Shoulder Width (m)	TYPE 1-6
Ref. Typical Section	
Special Treatment	
Flood Section Length	500
Height	1.0
Bridge No.	BR-1
Existing Type	Ford-Cr.
Length (m)	-
Proposed Type	1Lane-Br
Length (m)	25
No. of Spans	1

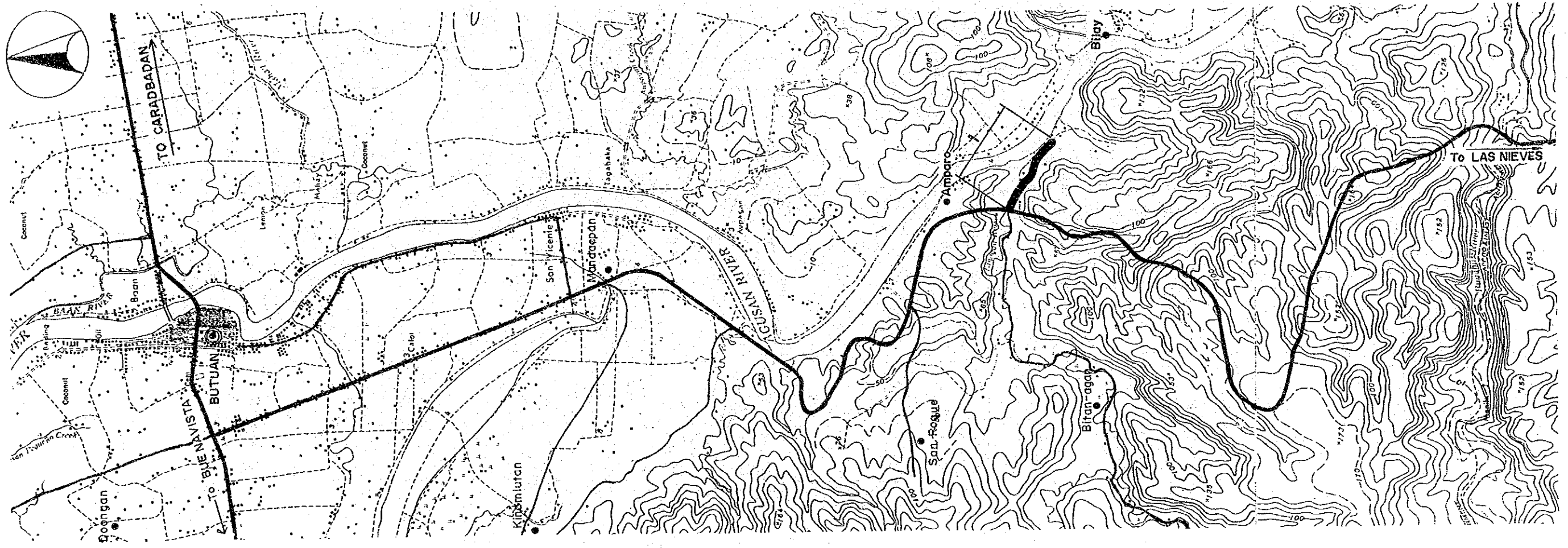
THE PILOT STUDY FOR THE RURAL ROAD NETWORK DEVELOPMENT PROJECT
IN THE REPUBLIC OF THE PHILIPPINES

PRESENT CONDITION AND PROPOSED IMPROVEMENT

Scale
1:50,000

Drawing No.
36

Road No: B0-31 Road Name: AMAPARO-P-T-L-BUGABOS RD.
Location : BUTUAN, AGUSAN DEL NORTE



Road Classification	Minor Road (Barangay Road)
Total Length	1.0 km
Sub-section No.	1
Length (km)	1.0
Terrain	Flat
Existing Road Surface	4.5-GRV (Bad)
Proposed Improvement	
Improvement Type	Rehabil.
Surface Type	Gravel
Carriageway Width(m)	4.0
Shoulder Width (m)	1.0
Ref. Typical Section	TYPE 1-6

THE PILOT STUDY FOR THE RURAL ROAD NETWORK DEVELOPMENT PROJECT
IN THE REPUBLIC OF THE PHILIPPINES

PRESENT CONDITION AND PROPOSED IMPROVEMENT

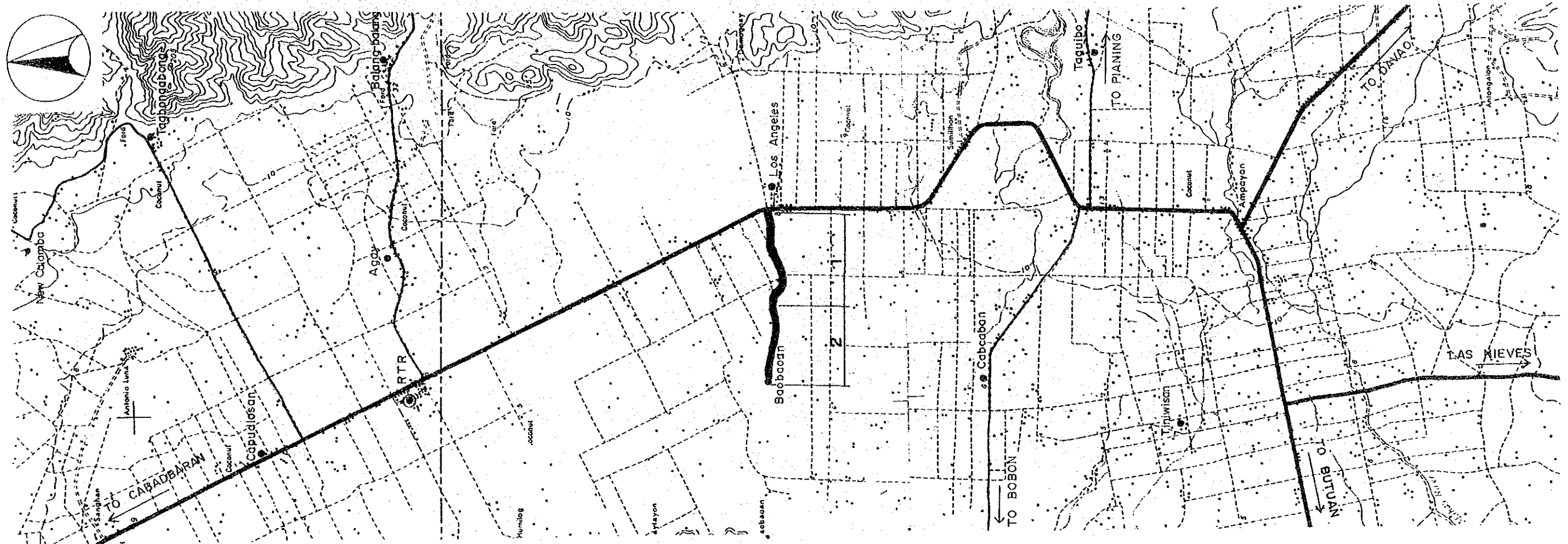
Scale
1:50,000

Drawing No.
37

Road No: B0-91

Road Name: BAOBAOAN RD.

Location: BUTUAN, AGUSAN DEL NORTE



Road Classification	Minor Road (Barangay Road)	
Total Length	1.8 km	
Sub-section No.	1	2
Length (km)	1.0	.8
Terrain	Flat	Flat
Existing Road Surface	5.5-GRV (Fair)	4.5-GRV (Bad)
Proposed Improvement		
Improvement Type	- Rehabil.	
Surface Type	- Gravel	
Carriageway Width(m)	- 4.0	
Shoulder Width (m)	- 1.0	
Ref. Typical Section	- TYPE 1-6	

**THE PILOT STUDY FOR THE RURAL ROAD NETWORK DEVELOPMENT PROJECT
IN THE REPUBLIC OF THE PHILIPPINES**

PRESENT CONDITION AND PROPOSED IMPROVEMENT

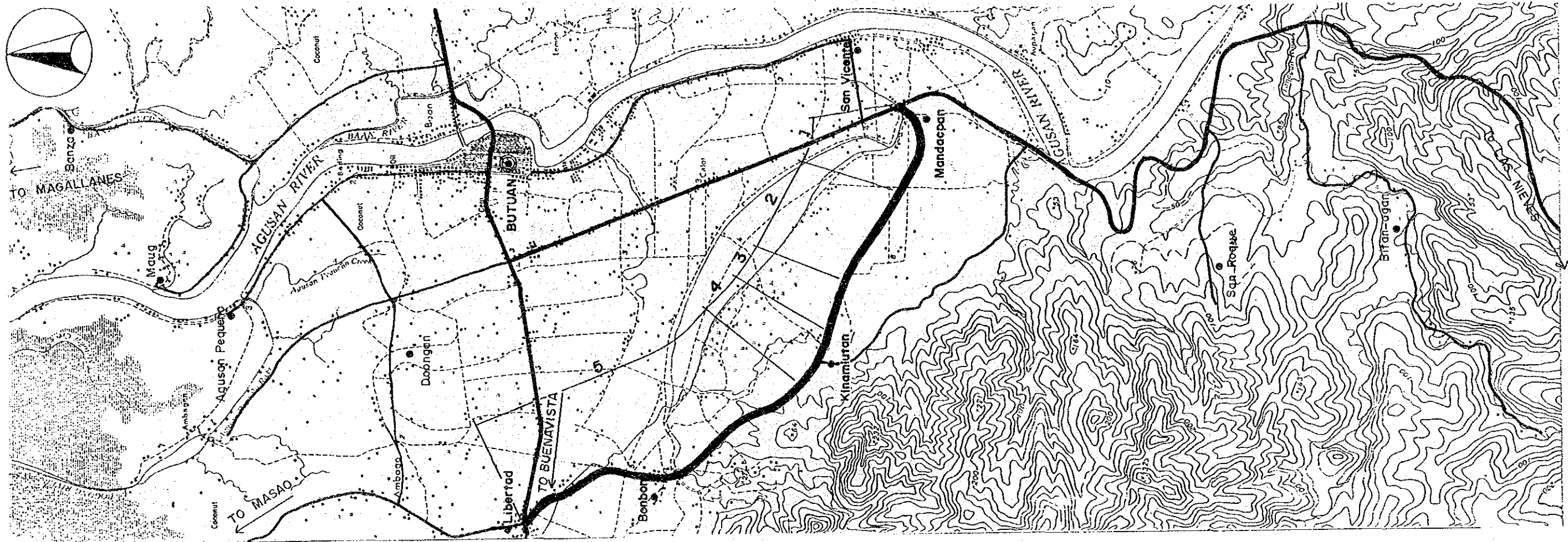
Scale
1:50,000

Drawing No.
38

Road No: B0-141

Road Name: BONBON-K-MANDACPAN RD.

Location : BUTUAN, AGUSAN DEL NORTE



Road Classification	Minor Road (Barangay Road)				
Total Length	7.6 km				
Sub-section No.	1	2	3	4	5
Length (km)	.9	1.5	.6	.7	3.9
Terrain	Flat	Rolling	Flat	Flat	Flat
Existing Road Surface	3.6-GRV (V.Bad)	3.6-GRV (V.Bad)	3.6-GRV (V.Bad)	3.6-GRV (V.Bad)	3.6-GRV (V.Bad)
Proposed Improvement	Rehabil.	Rehabil.	Rehabil.	Rehabil.	Rehabil.
Improvement Type	Gravel	Gravel	Gravel	Gravel	Gravel
Surface Type	Gravel	Gravel	Gravel	Gravel	Gravel
Carriageway Width(m)	4.0	4.0	4.0	4.0	4.0
Shoulder Width (m)	1.0	.5	1.0	1.0	1.0
Ref. Typical Section	TYPE 1-6	TYPE 1-6	TYPE 1-6	TYPE 1-6	TYPE 1-6

THE PILOT STUDY FOR THE RURAL ROAD NETWORK DEVELOPMENT PROJECT
IN THE REPUBLIC OF THE PHILIPPINES

PRESENT CONDITION AND PROPOSED IMPROVEMENT

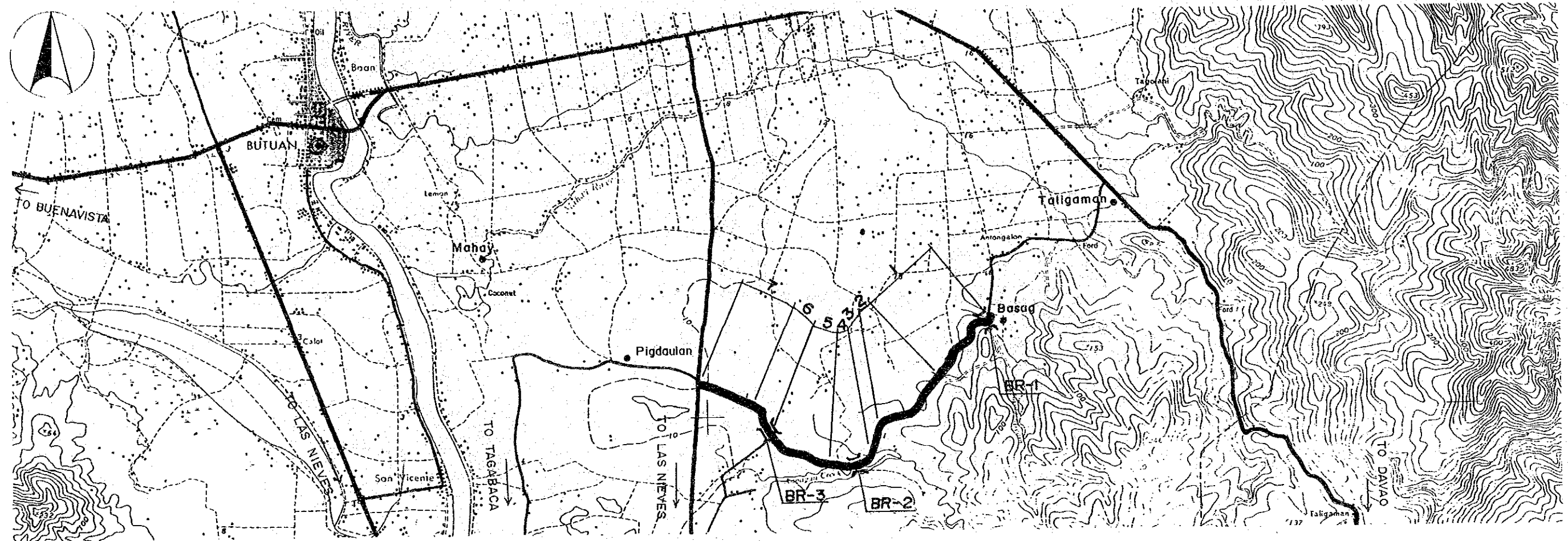
Scale
1:50,000

Drawing No.
38

Road No: BO-191

Road Name: TALIGAMAN-B-MAHAY RD.

Location: BUTUAN, AGUSAN DEL NORTE



Road Classification	Minor Road (Barangay Road)						
Total Length	6.3 km						
Sub-section No.	1	2	3	4	5	6	7
Length (km)	1.2	1.1	.5	.7	1.5	.5	.8
Terrain	Rolling	Flat	Rolling	Flat	Rolling	Flat	Flat
Existing Road Surface	4.0-GRV (Bad)	4.0-GRV (Bad)	3.6-GRV (Bad)	3.6-GRV (Bad)	3.6-GRV (Bad)	3.6-GRV (Bad)	4.0-GRV (Bad)
Proposed Improvement	Rehabil.	Rehabil.	Rehabil.	Rehabil.	Rehabil.	Rehabil.	Rehabil.
Improvement Type	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel
Surface Type	4.0	4.0	4.0	4.0	4.0	4.0	4.0
Carriageway Width(m)	.5	1.0	.5	1.0	.5	1.0	1.0
Shoulder Width (m)	TYPE 1-6						
Ref. Typical Section	TYPE 1-6						
Bridge No.	BR-1	BR-2	BR-3				
Existing Type	Ford-Cr.	Ford-Cr.	Timber				
Length (m)	-	-	18				
Proposed Type	1Lane-Sp	1Lane-Sp	1Lane-Br				
Length (m)	25	10	20				
No. of Spans	-	-	1				

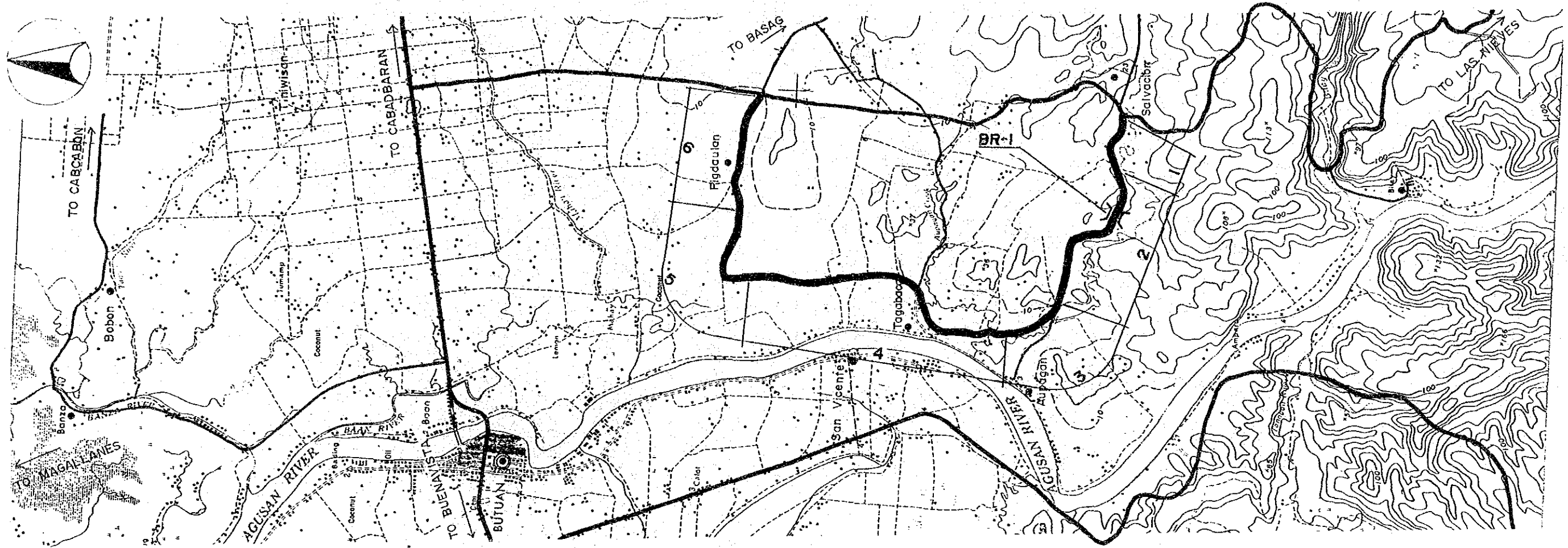
THE PILOT STUDY FOR THE RURAL ROAD NETWORK DEVELOPMENT PROJECT
IN THE REPUBLIC OF THE PHILIPPINES

PRESENT CONDITION AND PROPOSED IMPROVEMENT

Scale
1:50,000

Drawing No.
40

Road No: B0-262 Road Name: PIGDAULAN ROAD
Location : BUTUAN, AGUSAN DEL NORTE



Road Classification	Minor Road (Barangay Road)					
Total Length	11.4 km					
Sub-section No.	1	2	3	4	5	6
Length (km)	.9	2.6	.8	4.2	1.3	1.6
Terrain	Rolling	Flat	Flat	Flat	Flat	Flat
Existing Road Surface	4.0-GRV (Bad)	4.5-GRV (Bad)	4.5-GRV (Fair)	5.5-GRV (Bad)	5.0-GRV (Fair)	5.5-GRV (Fair)
Proposed Improvement	Rehabil. Rehabil. - Rehabil. - -					
Improvement Type	Gravel Gravel - Gravel - -					
Surface Type	Gravel Gravel - Gravel - -					
Carriageway Width(m)	4.0	4.0	-	4.0	-	-
Shoulder Width (m)	.5	1.0	-	1.0	-	-
Ref. Typical Section	TYPE 1-6	TYPE 1-6	-	TYPE 1-6	-	-
Special Treatment	Steep Section Length					
Steep Section Length	270	-	-	-	-	-
Bridge No.	BR-1					
Existing Type	Spillway					
Length (m)	14					
Proposed Type	-					
Length (m)	-					
No. of Spans	-					

**THE PILOT STUDY FOR THE RURAL ROAD NETWORK DEVELOPMENT PROJECT
IN THE REPUBLIC OF THE PHILIPPINES**

PRESENT CONDITION AND PROPOSED IMPROVEMENT

Scale
1:50,000

Drawing No.
41

Road No: B1-12

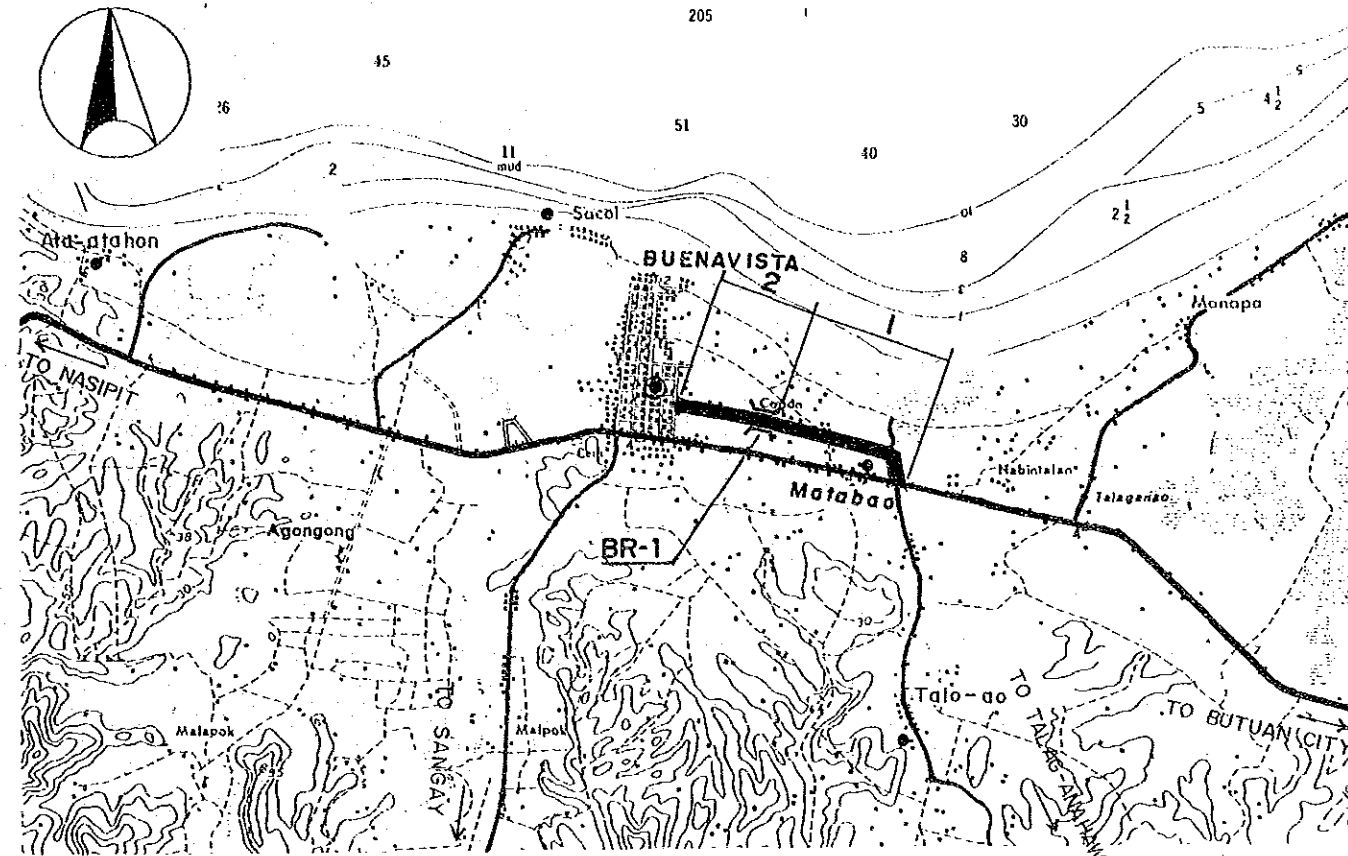
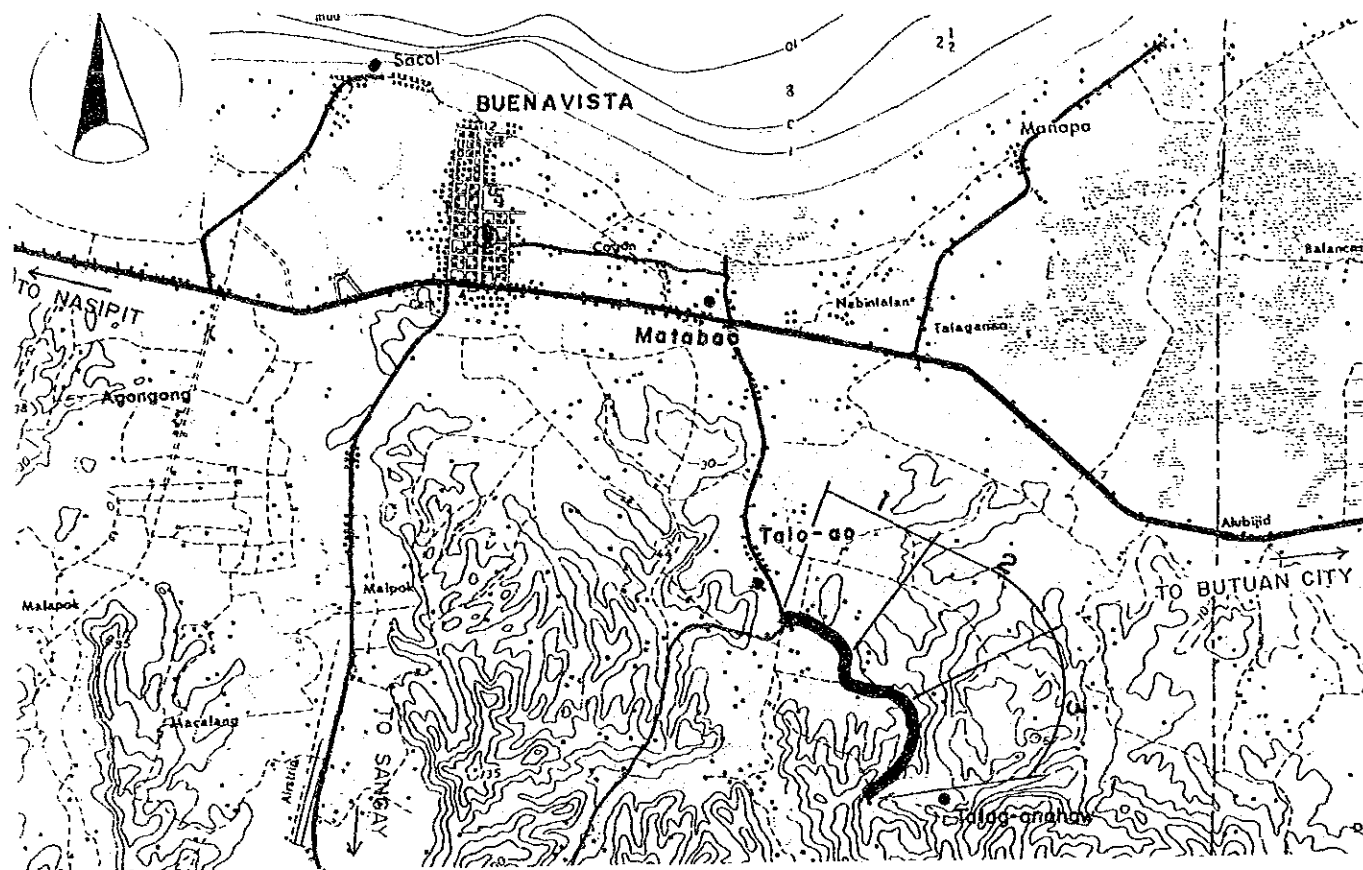
Road Name: TALO-AO-TALAG ANAHAW

Location : BUENAVISTA, AGUSAN DEL NORTE

Road No: B1-30

Road Name: BUENAVISTA-MATABAO ROAD

Location : BUENAVISTA, AGUSAN DEL NORTE



Road Classification	Minor Road (Barangay Road)		
Total Length	1.8 km		
Sub-section No.	1	2	3
Length (km)	.5	.6	.7
Terrain	Flat	Rolling	Flat
Existing Road Surface	6.0-GRV (Bad)	5.5-GRV (Bad)	5.5-GRV (Bad)
Proposed Improvement	Rehabil.	Rehabil.	Rehabil.
Improvement Type	Gravel	Gravel	Gravel
Surface Type	Gravel	Gravel	Gravel
Carriageway Width(m)	4.0	4.0	4.0
Shoulder Width (m)	1.0	.5	1.0
Ref. Typical Section	TYPE 1-6	TYPE 1-6	TYPE 1-6

Road Classification	Minor Road (Barangay Road)	
Total Length	1.3 km	
Sub-section No.	1	2
Length (km)	.8	.5
Terrain	Flat	Flat
Existing Road Surface	4.5-EAR (V.Bad)	6.0-GRV (Fair)
Proposed Improvement	Impr.-1	-
Improvement Type	Gravel	-
Surface Type	Gravel	-
Carriageway Width(m)	4.0	-
Shoulder Width (m)	1.0	-
Ref. Typical Section	TYPE 2-8	-
Bridge No.	BR-1	
Existing Type	Bailey	
Length (m)	12	
Proposed Type	-	
Length (m)	-	
No. of Spans	-	

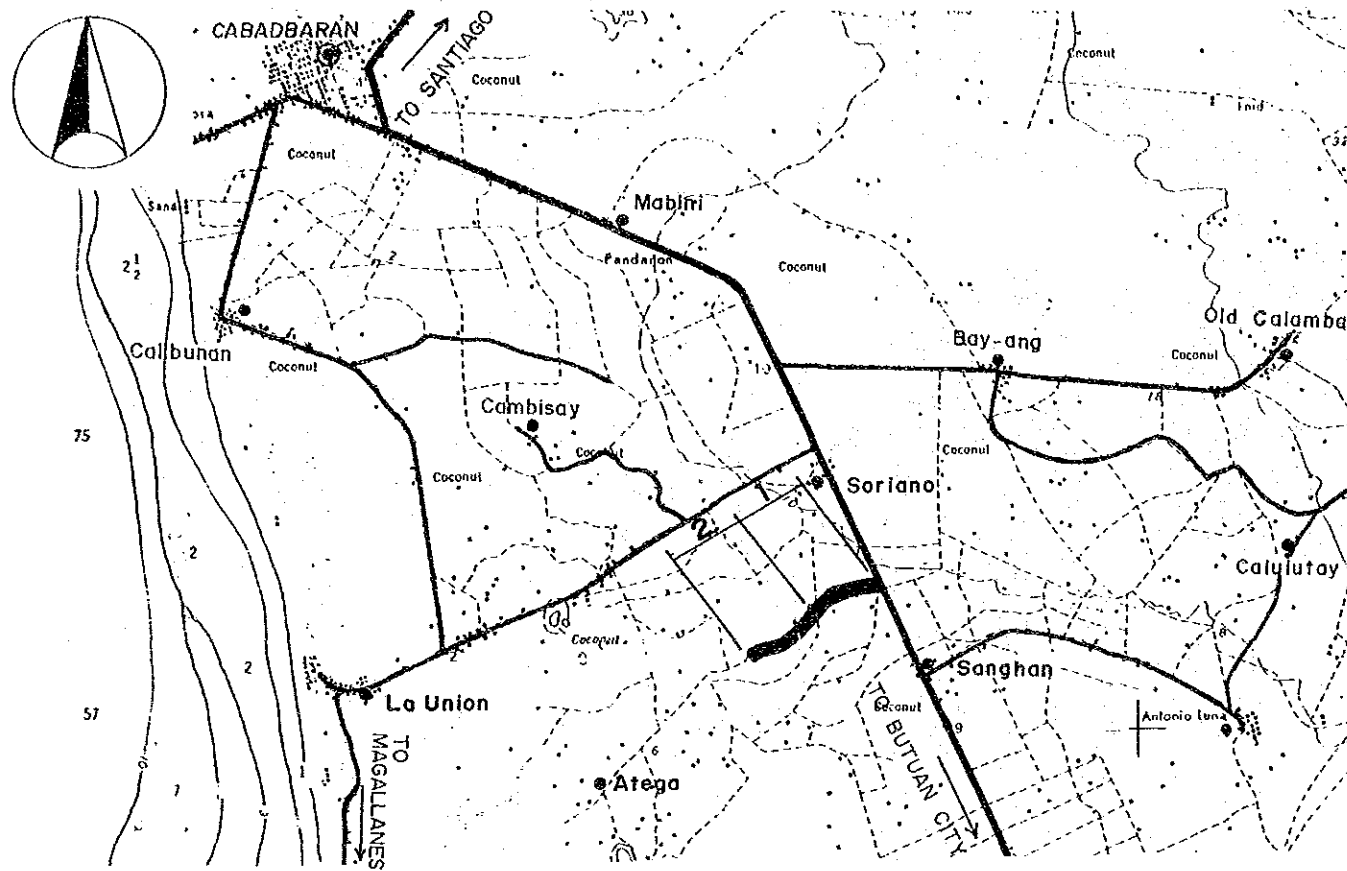
**THE PILOT STUDY FOR THE RURAL ROAD NETWORK DEVELOPMENT PROJECT
IN THE REPUBLIC OF THE PHILIPPINES**

PRESENT CONDITION AND PROPOSED IMPROVEMENT

Scale
1:50,000

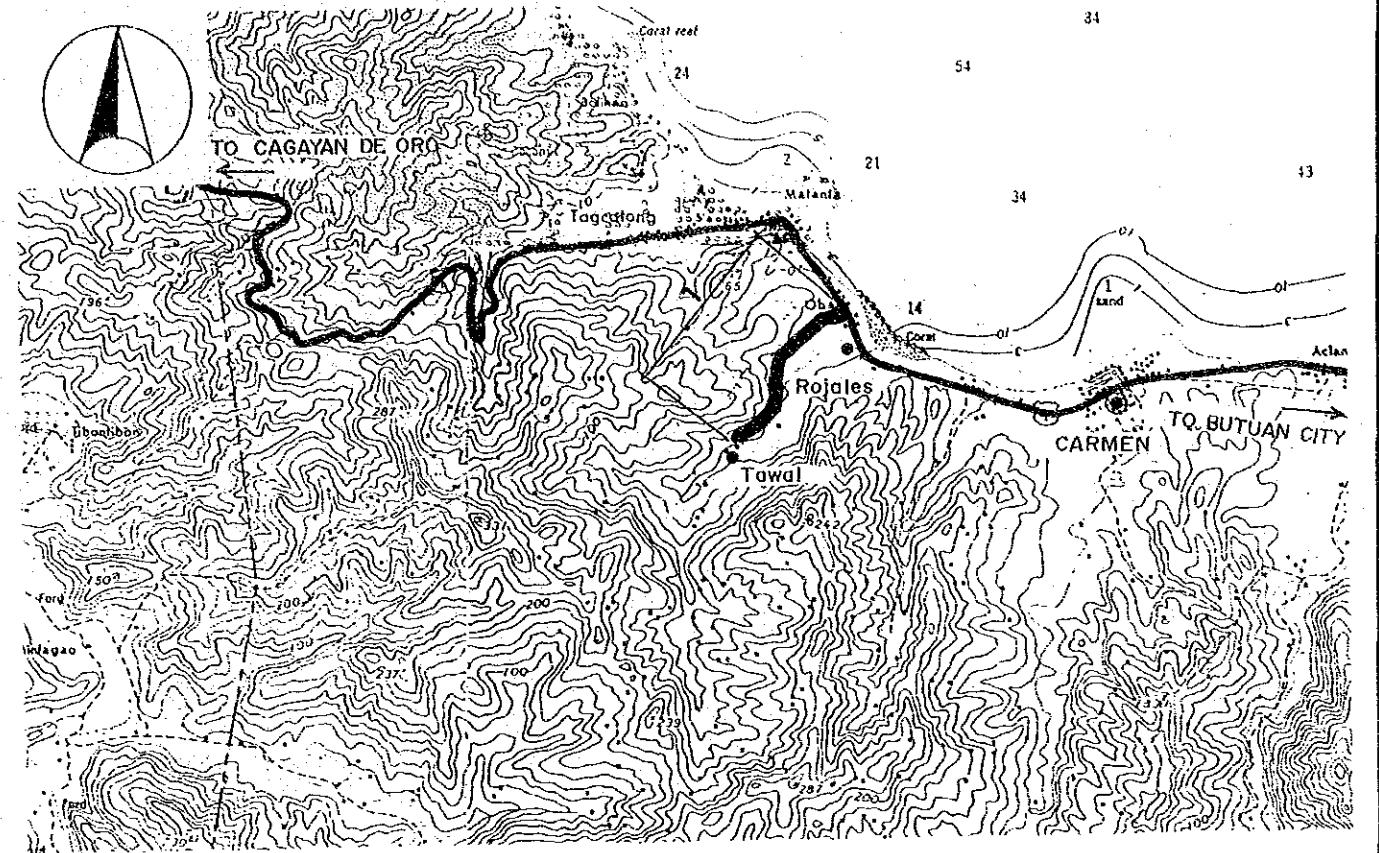
Drawing No.
42

Road No: B2-147 Road Name: SANGHAN-ATEGA RD.
Location : CABADBARAN, AGUSAN DEL NORTE



Road Classification	Minor Road (Barangay Road)	
Total Length	1.0 km	
Sub-section No.	1	2
Length (km)	.5	.5
Terrain	Flat	Flat
Existing Road Surface	4.5-GRV (Bad)	4.0-GRV (Bad)
Proposed Improvement	Rehabil.	Rehabil.
Improvement Type	Gravel	Gravel
Surface Type		
Carriageway Width(m)	4.0	4.0
Shoulder Width (m)	1.0	1.0
Ref. Typical Section	TYPE 1-6	TYPE 1-6

Road No: B3-20 Road Name: ROJALES-TAWAL RD.
Location : CARMEN, AGUSAN DEL NORTE



Road Classification	Minor Road (Barangay Road)
Total Length	1.3 km
Sub-section No.	1
Length (km)	1.3
Terrain	Flat
Existing Road Surface	6.0-GRV (Bad)
Proposed Improvement	Rehabil.
Improvement Type	Gravel
Surface Type	
Carriageway Width(m)	4.0
Shoulder Width (m)	1.0
Ref. Typical Section	TYPE 1-6

THE PILOT STUDY FOR THE RURAL ROAD NETWORK DEVELOPMENT PROJECT
IN THE REPUBLIC OF THE PHILIPPINES

PRESENT CONDITION AND PROPOSED IMPROVEMENT

Scale
1:50,000

Drawing No.
43

Road No: B4-63

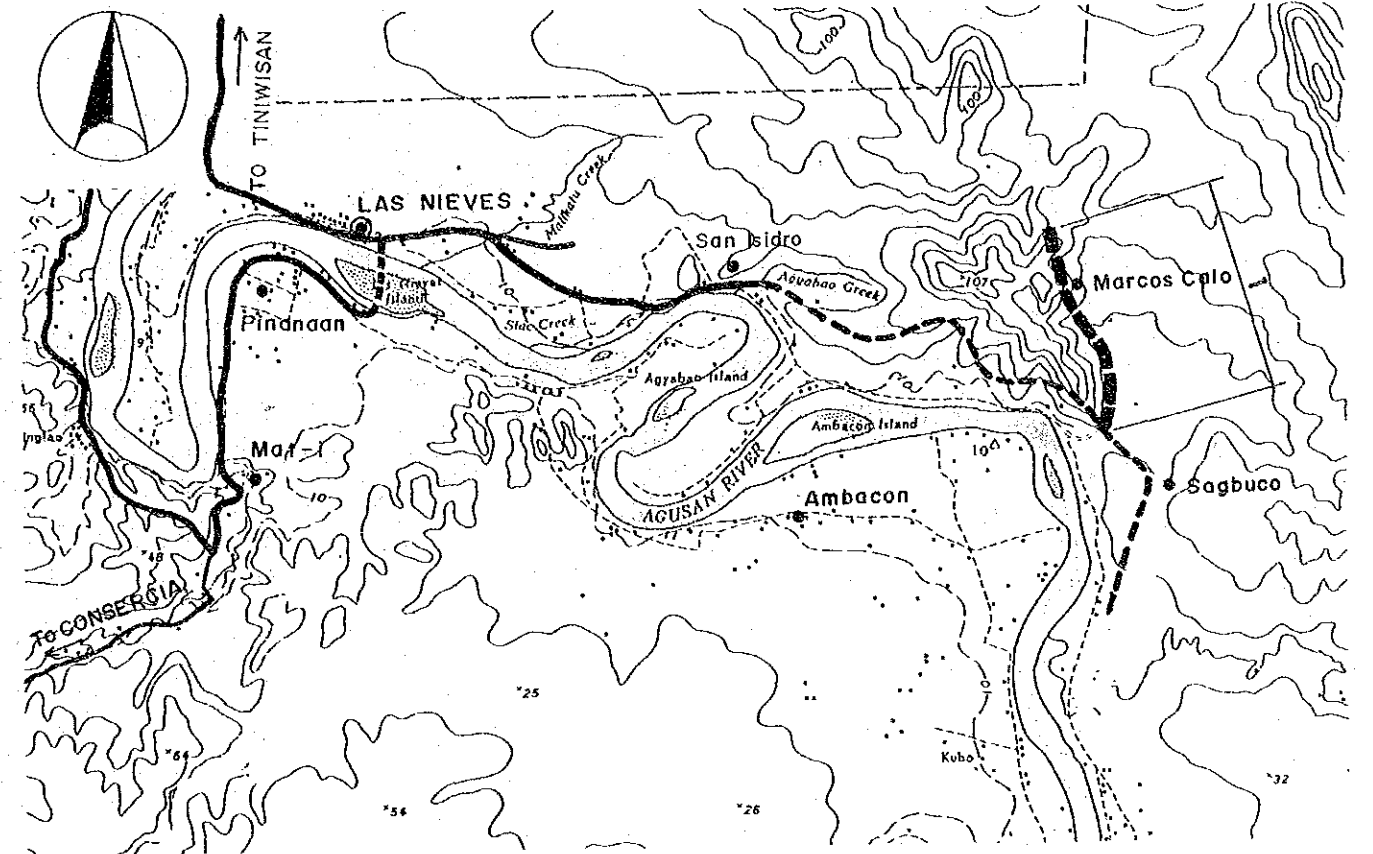
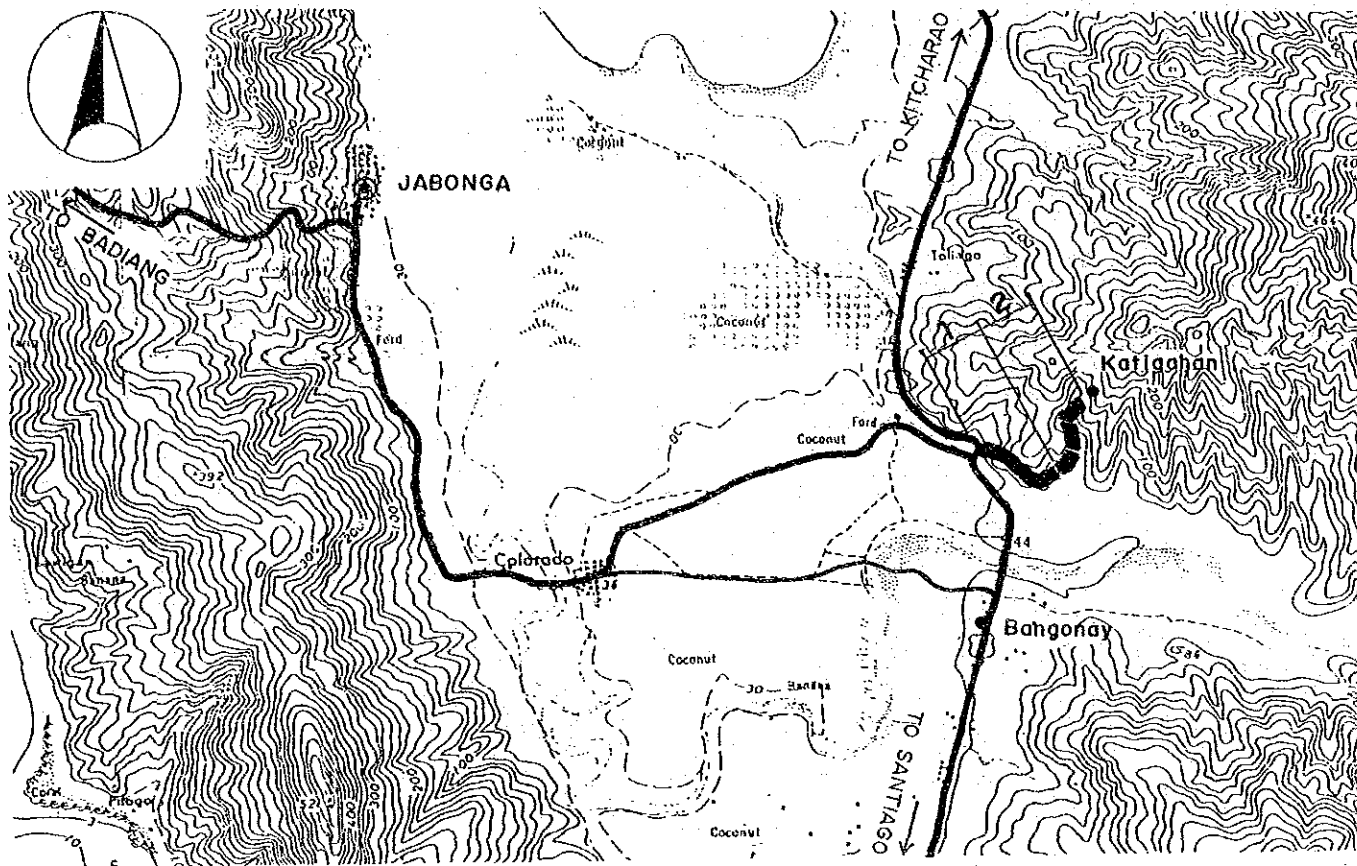
Road Name: BANGONAY-KATIGAHAN RD.

Location : JABONGA, AGUSAN DEL NORTE

Road No: B6-24

Road Name: SAGBUCO-MARCOS CALO RD.

Location : LAS NIEVES, AGUSAN DEL NORTE



Road Classification	Minor Road (Barangay Road)	
Total Length	1.0 km	
Sub-section No.	1	2
Length (km)	.6	.4
Terrain	Mt'nous	Mt'nous
Existing Road Surface	2.8-EAR (Bad)	2.4-EAR (V.Bad)
Proposed Improvement	Impr.-1 Impr.-1	
Improvement Type	Gravel Gravel	
Surface Type	Gravel Gravel	
Carriageway Width(m)	4.0	4.0
Shoulder Width (m)	.5	.5
Ref. Typical Section	TYPE 2-8	TYPE 2-8
Special Treatment	Steep Section Length	
	180	100

Road Classification	Minor Road (Barangay Road)
Total Length	1.4 km
Sub-section No.	1
Length (km)	1.4
Terrain	Mt'nous
Existing Road Surface	Impass./ Non-ex.
Proposed Improvement	New Con.
Improvement Type	Gravel
Surface Type	Gravel
Carriageway Width(m)	4.0
Shoulder Width (m)	.5
Ref. Typical Section	TYPE 5-4

THE PILOT STUDY FOR THE RURAL ROAD NETWORK DEVELOPMENT PROJECT
IN THE REPUBLIC OF THE PHILIPPINES

PRESENT CONDITION AND PROPOSED IMPROVEMENT

Scale
1:50,000

Drawing No.
44

Road No: B8-9

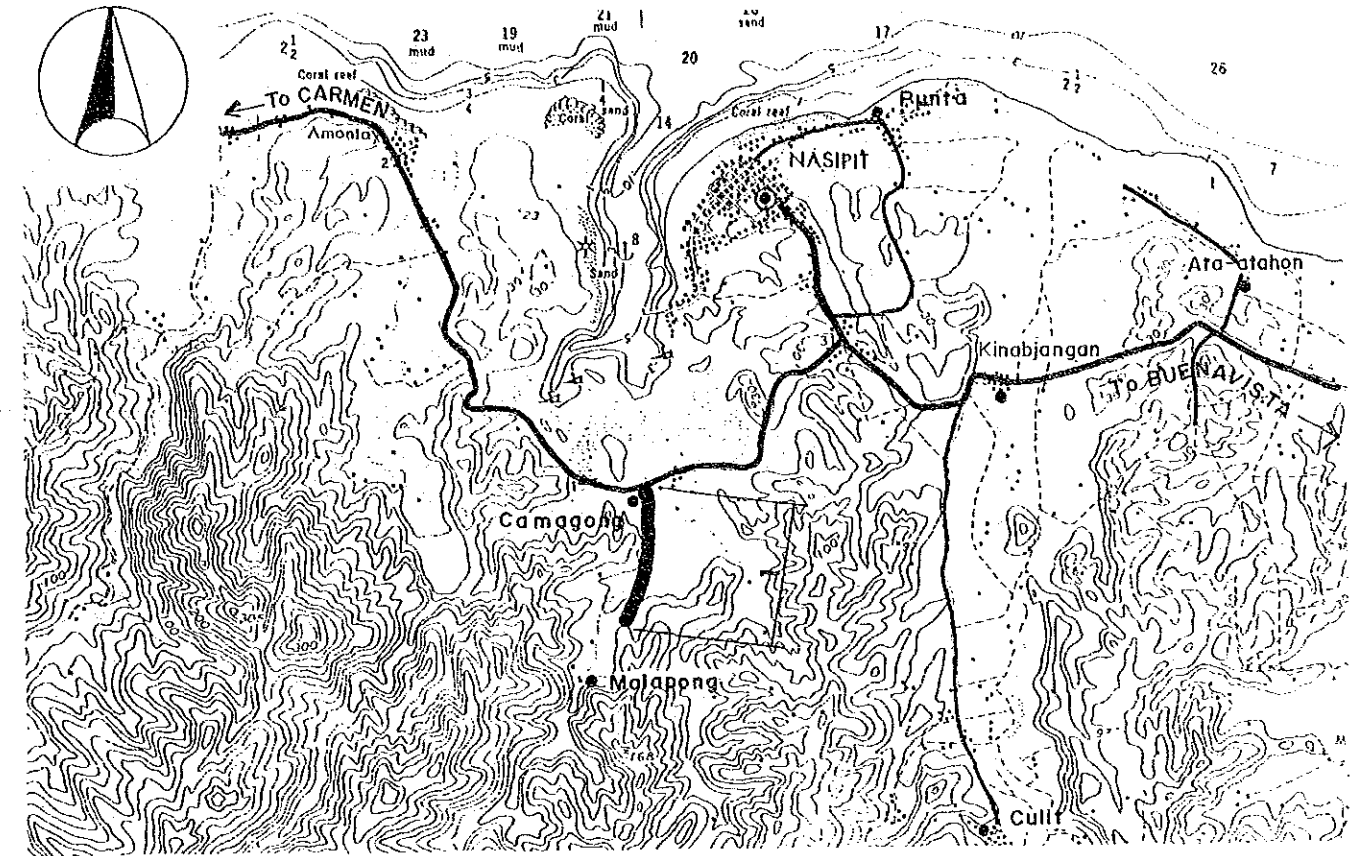
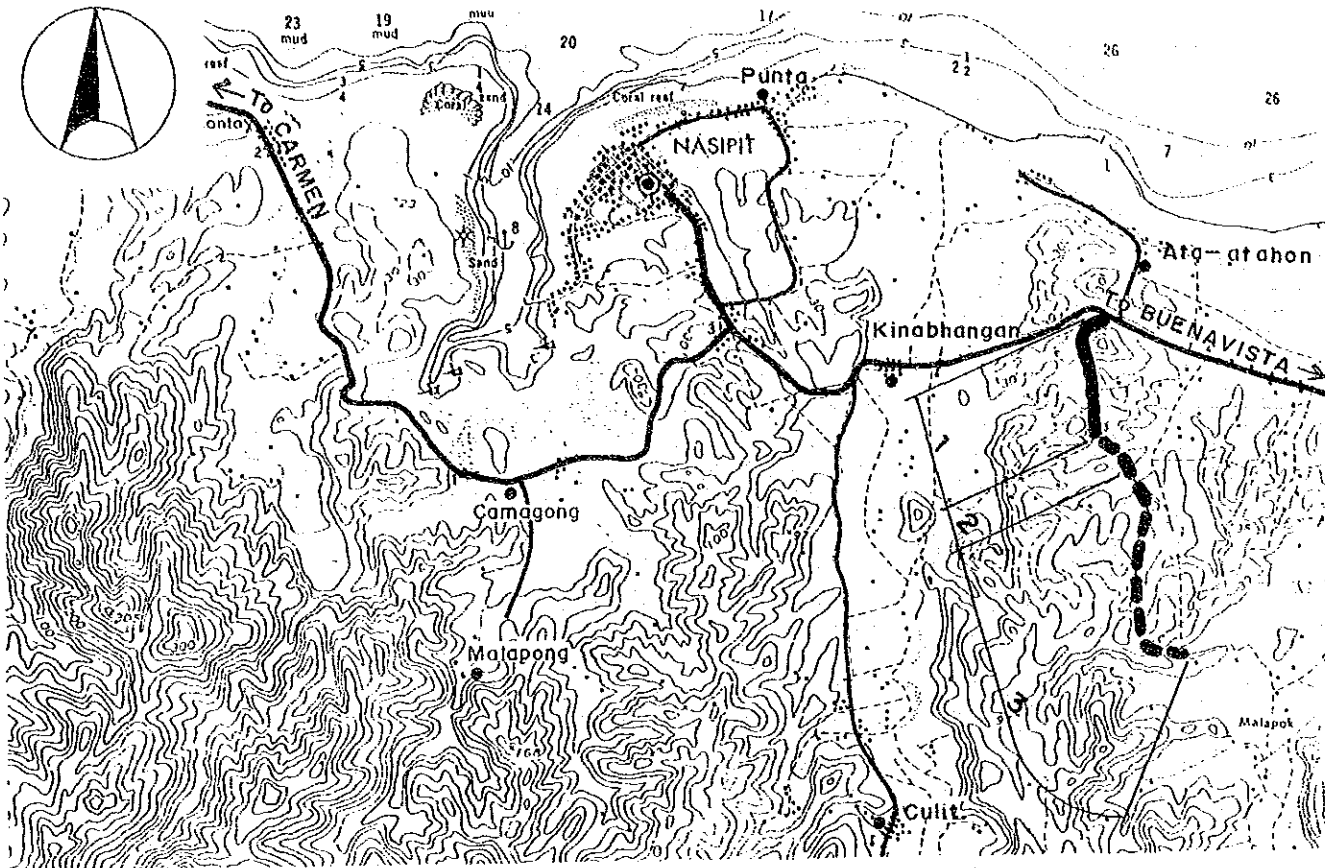
Road Name: KINABJANGAN-CABAG-AYAN

Location : NASIPIT, AGUSAN DEL NORTE

Road No: B8-10

Road Name: ABARESTORE ROAD

Location : NASIPIT, AGUSAN DEL NORTE



Road Classification	Minor Road (Barangay Road)		
Total Length	3.0 km		
Sub-section No.	1	2	3
Length (km)	1.0	.3	1.7
Terrain	Flat	Rolling	Rolling
Existing Road Surface	2.4-GRV (Bad)	Impass./ Non-ex.	Impass./ Non-ex.
Proposed Improvement	Rehabil.	New Con.	New Con.
Improvement Type	Gravel	Gravel	Gravel
Surface Type	4.0	4.0	4.0
Carriageway Width(m)	1.0	.5	.5
Shoulder Width (m)	TYPE 1-6 TYPE 5-4 TYPE 5-4		
Ref. Typical Section			
Special Treatment			
Steep Section Length	-	90	-

Road Classification	Minor Road (Barangay Road)	
Total Length	1.1 km	
Sub-section No.	1	
Length (km)	1.1	
Terrain	Flat	
Existing Road Surface	5.5-GRV (Bad)	
Proposed Improvement	Rehabil.	
Improvement Type	Gravel	
Surface Type	4.0	
Carriageway Width(m)	1.0	
Shoulder Width (m)	TYPE 1-6	
Ref. Typical Section		

THE PILOT STUDY FOR THE RURAL ROAD NETWORK DEVELOPMENT PROJECT
IN THE REPUBLIC OF THE PHILIPPINES

PRESENT CONDITION AND PROPOSED IMPROVEMENT

Scale
1:50,000

Drawing No.
45

Road No: B10-61

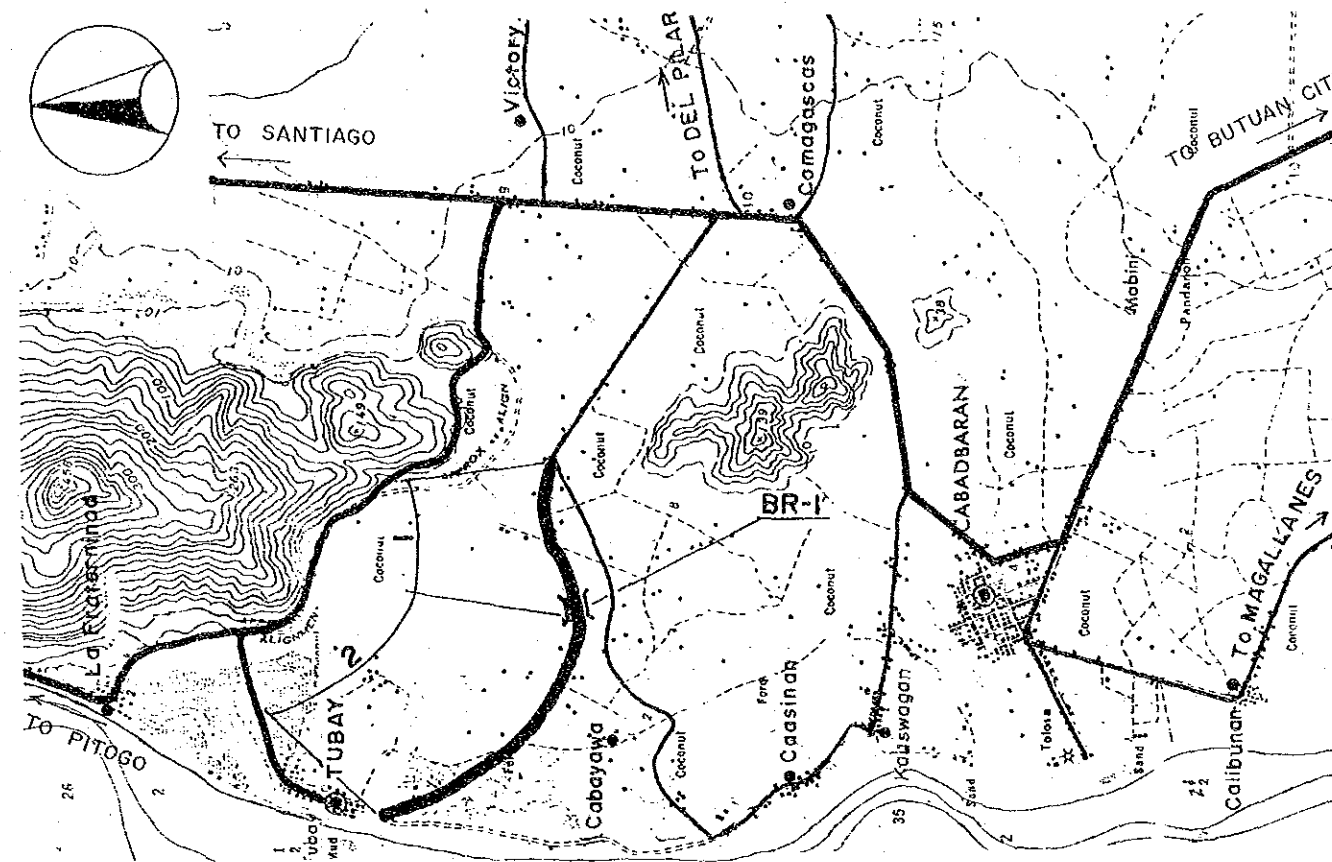
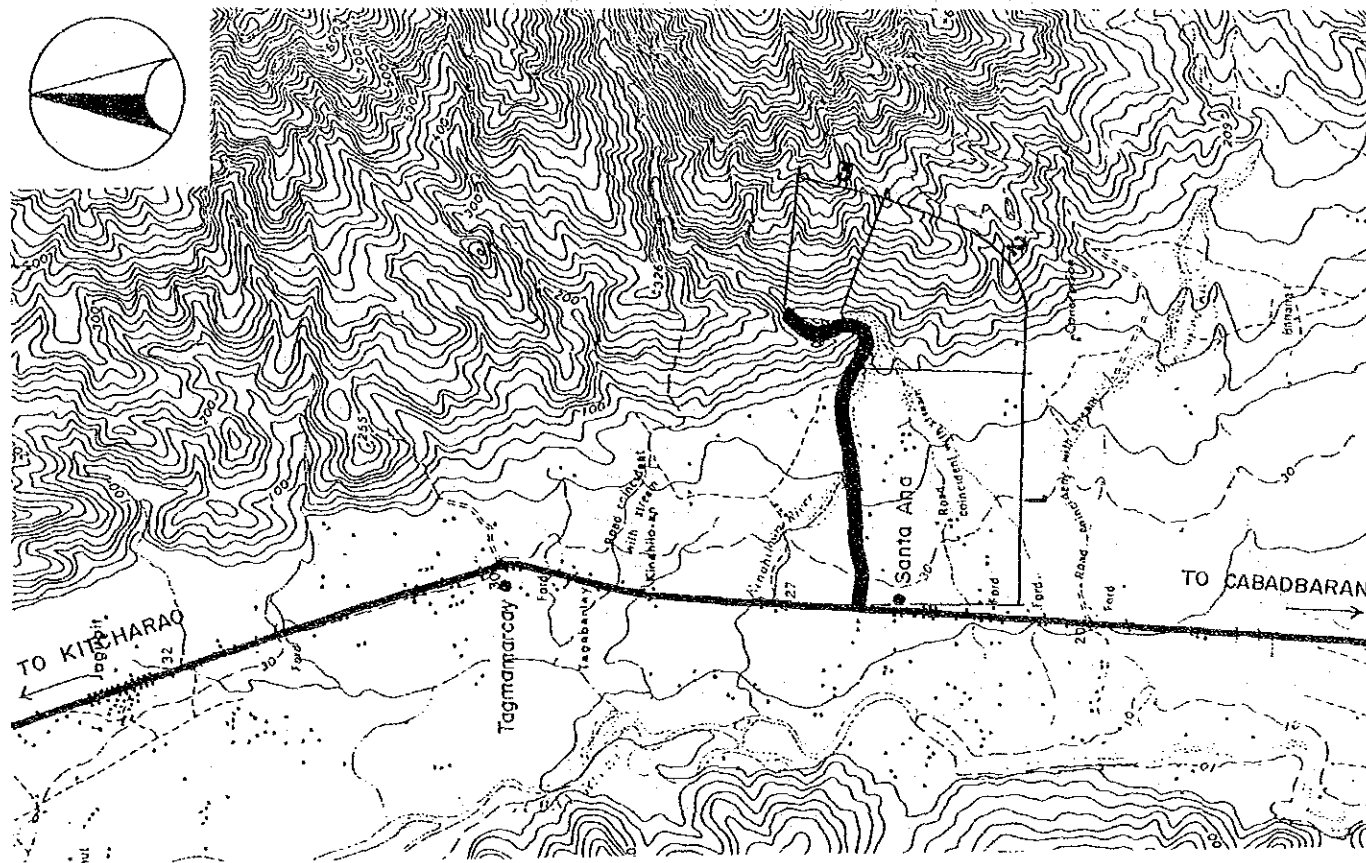
Road Name: STA. ANA-S-MONTEVERDE

Location: TUBAY, AGUSAN DEL NORTE

Road No: B10-87

Road Name: POB CABAYAWA RD.

Location: TUBAY, AGUSAN DEL NORTE



Road Classification	Minor Road (Barangay Road)		
	2.5 km		
Total Length			
Sub-section No.	1	2	3
Length (km)	1.7	.4	.4
Terrain	Flat	Flat	Mt'nous
Existing Road Surface	4.0-GRV (Bad)	4.0-GRV (V.Bad)	4.0-EAR (V.Bad)
Proposed Improvement	Rehabil.	Rehabil.	Impr.-1
Improvement Type	Gravel	Gravel	Gravel
Surface Type			
Carriageway Width(m)	4.0	4.0	4.0
Shoulder Width (m)	1.0	1.0	.5
Ref. Typical Section	TYPE 1-6	TYPE 1-6	TYPE 2-8
Special Treatment	-	-	120
Steep Section Length			

Road Classification	Minor Road (Barangay Road)	
	3.5 km	
Total Length		
Sub-section No.	1	2
Length (km)	.8	2.7
Terrain	Flat	Flat
Existing Road Surface	3.6-GRV (Bad)	3.6-EAR (Bad)
Proposed Improvement	Rehabil.	Impr.-1
Improvement Type	Gravel	Gravel
Surface Type		
Carriageway Width(m)	4.0	4.0
Shoulder Width (m)	1.0	1.0
Ref. Typical Section	TYPE 1-6	TYPE 2-8
Bridge No.	BR-1	
Existing Type	Ford-Cr.	
Length (m)	-	
Proposed Type	1Lane-Sp	
Length (m)	25	
No. of Spans	-	

JICA