

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

PRESENT CONDITION AND PROPOSED IMPROVEMENT

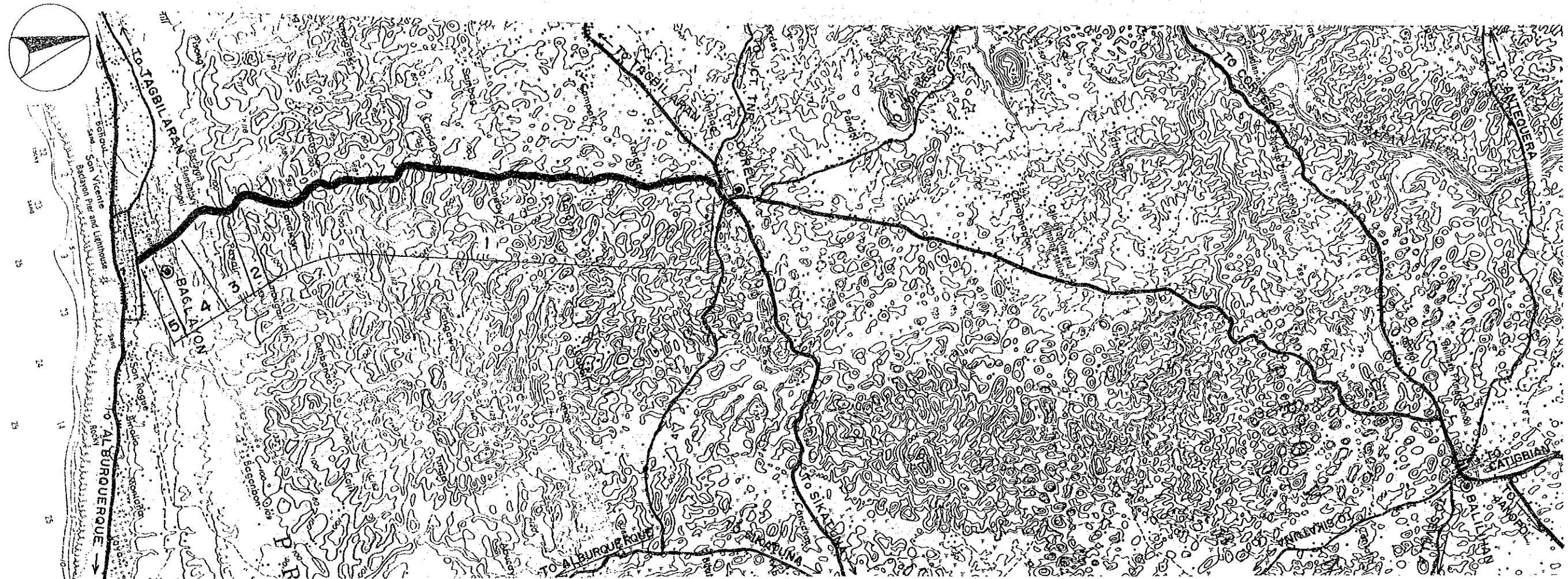
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Drawing No.
25

Road No: P58-1

Road Name: (S) BACLAYON-CORELLA

Location: BACLAYON & CORELLIA, BOHOL



Road Classification	Secondary Major (Provincial Road)				
Total Length	7.7 km				
Sub-section No.	1	2	3	4	5
Length (km)	6.2	.2	.7	.4	.2
Terrain	Rolling	Rolling	Flat	Flat	Flat
Existing Road Surface	3.6-GRV (V.Bad)	4.1-BTM (Good)	4.1-BTM (Good)	4.0-GRV (Bad)	4.1-PCC (Good)
Proposed Improvement					
Improvement Type	Rehabil.	-	-	Rehabil.	-
Surface Type	Gravel	-	-	Gravel	-
Carriageway Width(m)	6.0	-	-	6.0	-
Shoulder Width (m)	.5	-	-	1.0	-
Ref. Typical Section	TYPE 1-6	-	-	TYPE 1-6	-
Special Treatment					
Steep Section Length	-	60	-	-	-

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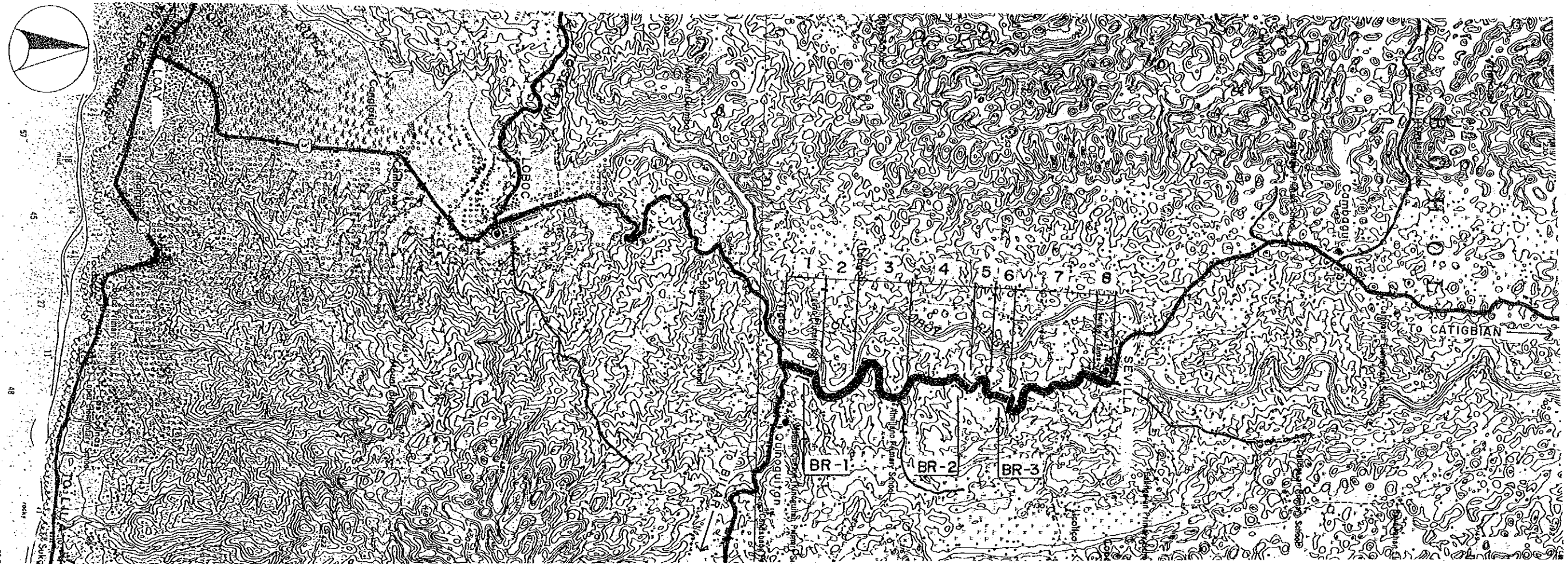
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Drawing No.
28

Road No: P72-1

Road Name: JCT. QUINOGUITAN-S-HANOPOL

Location : LOBOC & SEVILLA, BOHOL



Road Classification	Secondary Major (Provincial Road)							
Total Length	6.0 km							
Sub-section No.	1	2	3	4	5	6	7	8
Length (km)	.7	.4	1.2	1.0	.4	.3	1.8	.2
Terrain	Rolling	Flat	Rolling	Rolling	Rolling	Rolling	Rolling	Rolling
Existing Road Surface	4.0-BTM (Fair)	3.2-GRV (Bad)	3.2-GRV (Bad)	3.4-BTM (Bad)	4.2-BTM (Fair)	5.1-GRV (Bad)	4.0-BTM (Bad)	4.7-PCC (Fair)
Proposed Improvement	-	Impr.-1	Impr.-1	Rehabil.	Widening	Impr.-1	Rehabil.	-
Improvement Type	-	* BMP	* BMP	* BMP	* BMP	* BMP	* BMP	-
Surface Type	-	6.0	6.0	6.0	6.0	6.0	6.0	-
Carriageway Width(m)	-	1.5	1.0	1.0	1.0	1.0	1.0	-
Shoulder Width (m)	-	-	-	-	-	-	-	-
Ref. Typical Section	-	TYPE 2-4	TYPE 2-4	TYPE 1-5	TYPE 4-3	TYPE 2-4	TYPE 1-5	-
Bridge No.	BR-1	BR-2	BR-3					
Existing Type	Concrete	Concrete	Concrete					
Length (m)	25	11	15					
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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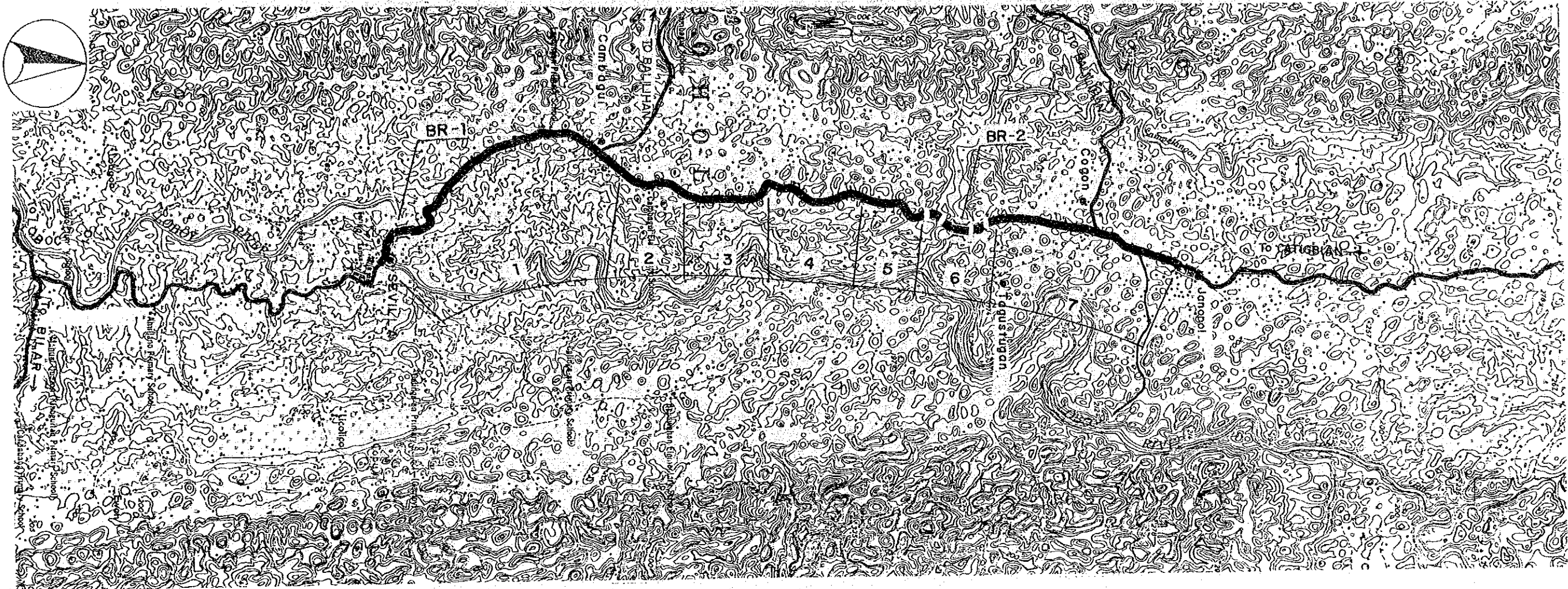
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Drawing No.
27

Road No: P72-2

Road Name: JCT. QUINOGUITAN-S-HANOPOL

Location : SEVILLA & BALILIHAN, BOHOL



Road Classification	Secondary Major (Provincial Road)						
Total Length	15.7 km						
Sub-section No.	1	2	3	4	5	6	7
Length (km)	5.4	1.1	1.4	1.5	1.1	1.2	4.0
Terrain	Rolling	Rolling	Rolling	Mt'nous	Rolling	Rolling	Rolling
Existing Road Surface	4.0-GRV (Bad)	3.0-EAR (V.Bad)	3.0-EAR (V.Bad)	Impass./ Non-ex.	3.0-EAR (V.Bad)	3.0-GRV (Bad)	3.0-GRV (Bad)
Proposed Improvement	Rehabil.	Impr.-1	Impr.-1	New Con.	impr.-1	Rehabil.	Rehabil.
Improvement Type	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel
Surface Type	6.0	6.0	6.0	6.0	6.0	6.0	6.0
Carriageway Width(m)	.5	.5	.5	.5	.5	.5	.5
Shoulder Width (m)	TYPE 1-6	TYPE 2-8	TYPE 2-8	TYPE 5-4	TYPE 2-8	TYPE 1-6	TYPE 1-6
Ref. Typical Section							
Bridge No.	BR-1	BR-2					
Existing Type	Bailey	Ford-Cr.					
Length (m)	62	-					
Proposed Type	2Lane-Br	2Lane-Br					
Length (m)	63	20					
No. of Spans	3	1					

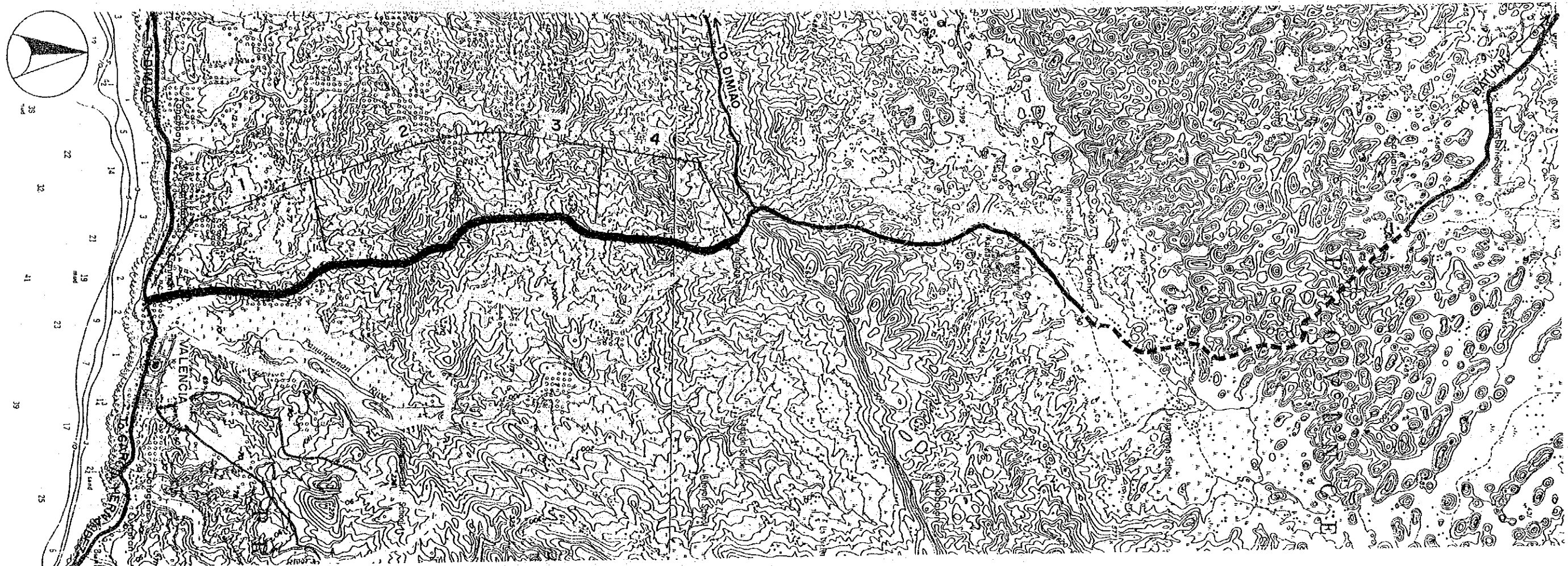
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Drawing No.
28

Road No: P80-1 Road Name: CANMANICO-ANONANG RD. VALE
Location : VALENCIA, BOHOL



Road Classification	Secondary Major (Provincial Road)			
Total Length	7.7 km			
Sub-section No.	1	2	3	4
Length (km)	2.3	2.3	1.1	2.0
Terrain	Rolling	Mt'nous	Rolling	Mt'nous
Existing Road Surface	4.0-GRV (Bad)	3.6-GRV (Bad)	3.4-GRV (V.Bad)	Impass./ Non-ex.
Proposed Improvement	Rehabil.	Rehabil.	Rehabil.	New Con.
Improvement Type	Gravel	Gravel	Gravel	Gravel
Surface Type	6.0	6.0	6.0	6.0
Carriageway Width(m)	.5	.5	.5	.5
Shoulder Width (m)	TYPE 1-6	TYPE 1-6	TYPE 1-6	TYPE 5-4
Ref. Typical Section	-	100	100	-
Special Treatment				
Steep Section Length				

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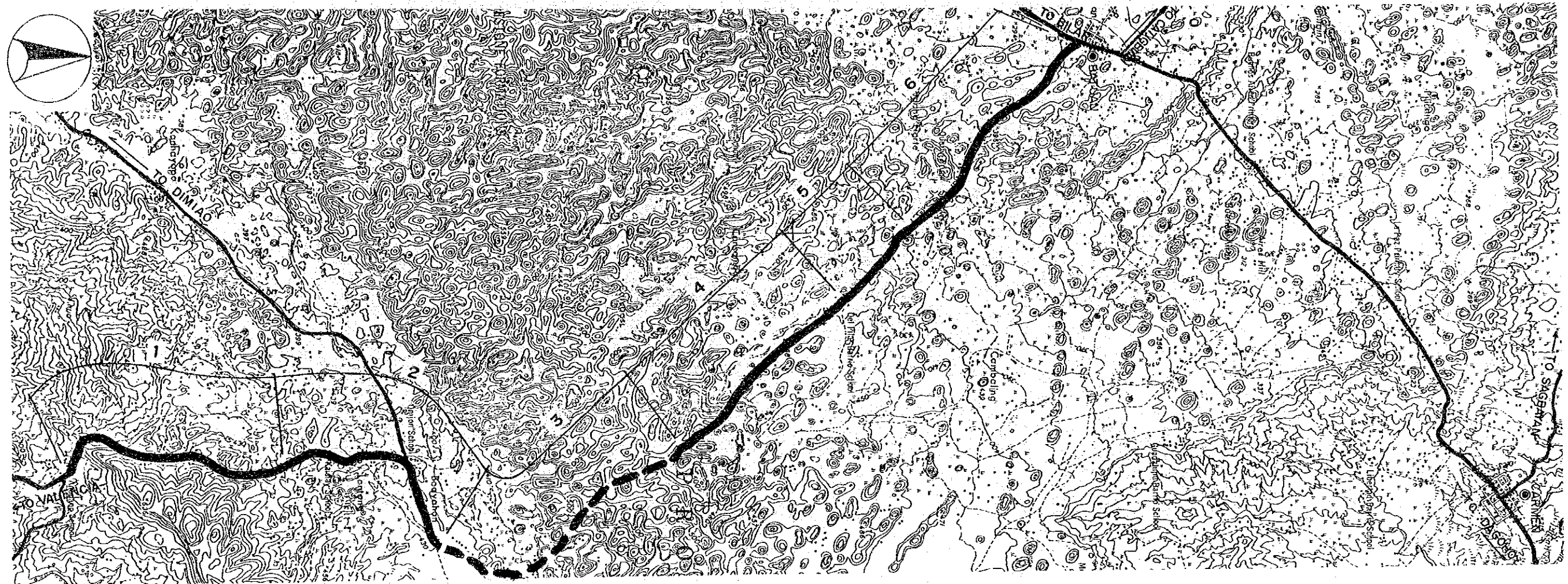
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Drawing No.
29

Road No: P81-2

Road Name: JCT (TER) POB(V)-A-OMJON

Location : VALENCIA & BATUAN, BOHOL.



Road Classification	Secondary Major (Provincial Road)					
Total Length	16.1 km					
Sub-section No.	1	2	3	4	5	6
Length (km)	3.0	2.7	3.4	2.7	1.2	3.1
Terrain	Rolling	Rolling	Rolling	Rolling	Rolling	Flat
Existing Road Surface	3.2-EAR (V.Bad)	3.6-GRV (V.Bad)	Impass./ Non-ex.	4.0-GRV (V.Bad)	4.0-GRV (V.Bad)	4.0-GRV (V.Bad)
Proposed Improvement	Impr.-1	Rehabil.	New Con.	Rehabil.	Rehabil.	Rehabil.
Improvement Type	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel
Surface Type						
Carriageway Width(m)	6.0	6.0	6.0	6.0	6.0	6.0
Shoulder Width (m)	.5	.5	.5	.5	.5	1.0
Ref. Typical Section	TYPE 2-8	TYPE 1-6	TYPE 5-4	TYPE 1-6	TYPE 1-6	TYPE 1-6

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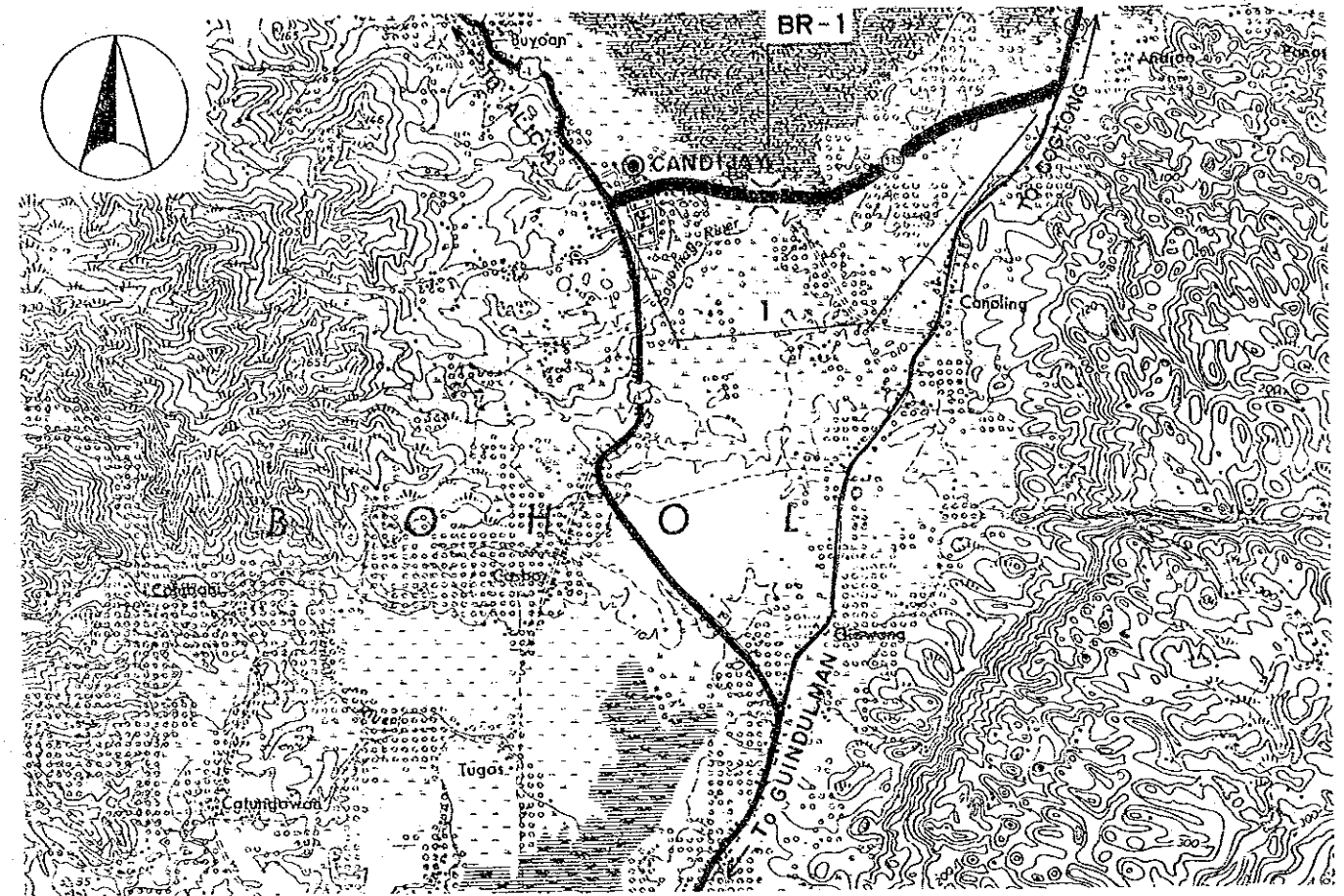
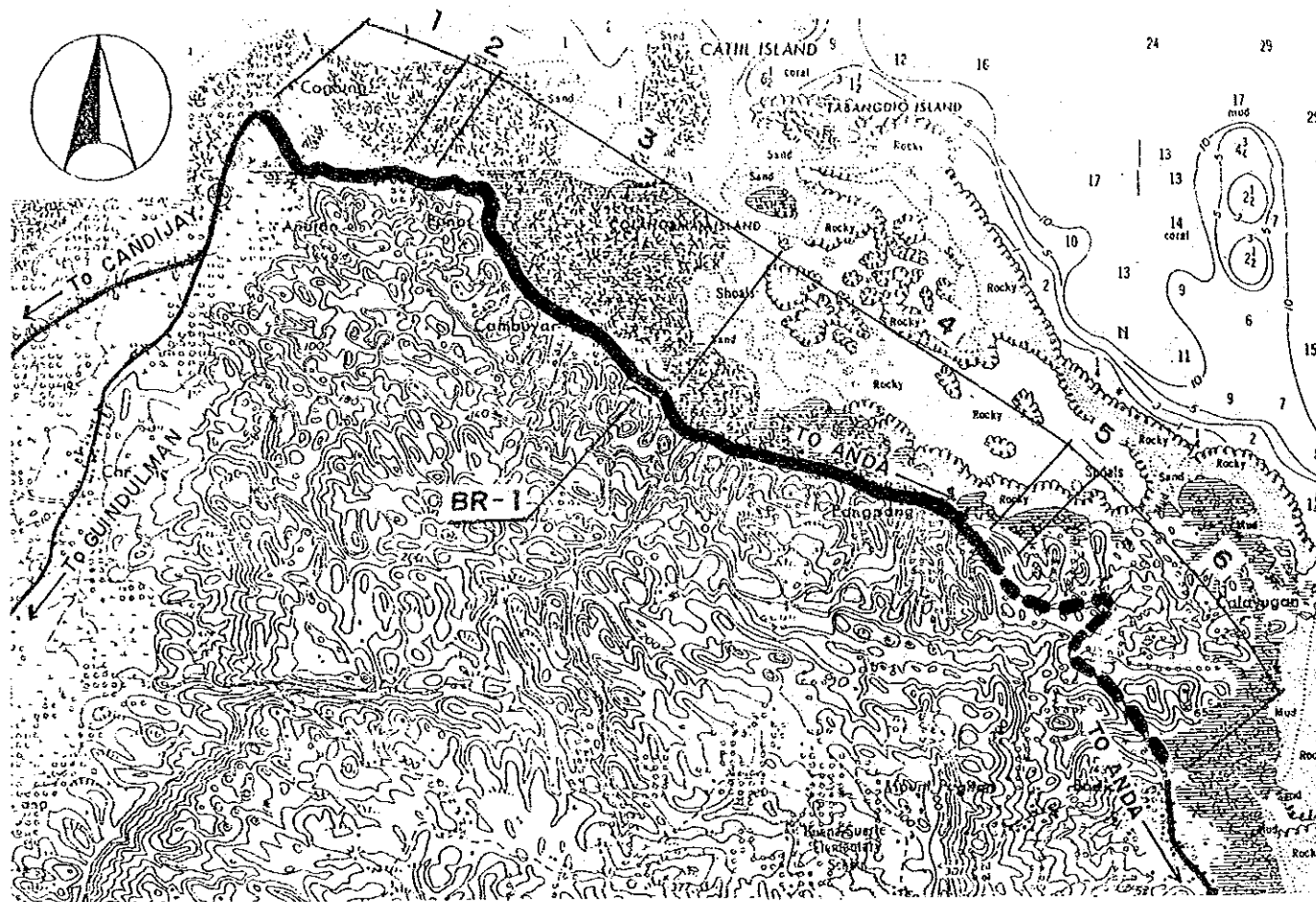
PRESENT CONDITION AND PROPOSED IMPROVEMENT

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Drawing No.
30

Road No: P110-1B Road Name: JCT(TER) G-C CANDIJAY RD.
Location : CANDIJAY, BOHOL

Road No: P111-1 Road Name: JCT(TER) CANDIJAY-COGTONG
Location : CANDIJAY, BOHOL



Road Classification	Secondary Major (Provincial Road)					
Total Length	9.5 km					
Sub-section No.	1	2	3	4	5	6
Length (km)	1.2	.2	2.5	2.4	.2	3.0
Terrain	Rolling	Rolling	Rolling	Rolling	Flat	Mt'nous
Existing Road Surface	5.5-GRV (Bad)	4.2-PCC (Bad)	4.0-GRV (Bad)	2.8-GRV (Bad)	2.8-GRV (Bad)	Impass./ Non-ex.
Proposed Improvement	Rehabil.	-	Rehabil.	Rehabil.	Rehabil.	New Con.
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)	.5	-	.5	.5	1.0	.5
Ref. Typical Section	TYPE 1-6	-	TYPE 1-6	TYPE 1-6	TYPE 1-6	TYPE 6-4
Special Treatment						
Flood Section Length	-	-	300	-	-	-
Height	-	-	.3	-	-	-
Steep Section Length	-	-	-	200	-	-
Bridge No.	BR-1					
Existing Type	Spillway					
Length (m)	-					
Proposed Type	-					
Length (m)	-					
No. of Spans	-					

Road Classification	Second'y Major Rd (Provincial Road)
Total Length	3.5 km
Sub-section No.	1
Length (km)	3.5
Terrain	Flat
Existing Road Surface	4.0-GRV (Good)
Proposed Improvement	Widening
Improvement Type	Gravel
Surface Type	Gravel
Carriageway Width(m)	6.0
Shoulder Width (m)	1.0
Ref. Typical Section	TYPE 4-4
Bridge No.	BR-1
Existing Type	Timber
Length (m)	8
Proposed Type	2Lane-Br
Length (m)	10
No. of Spans	1

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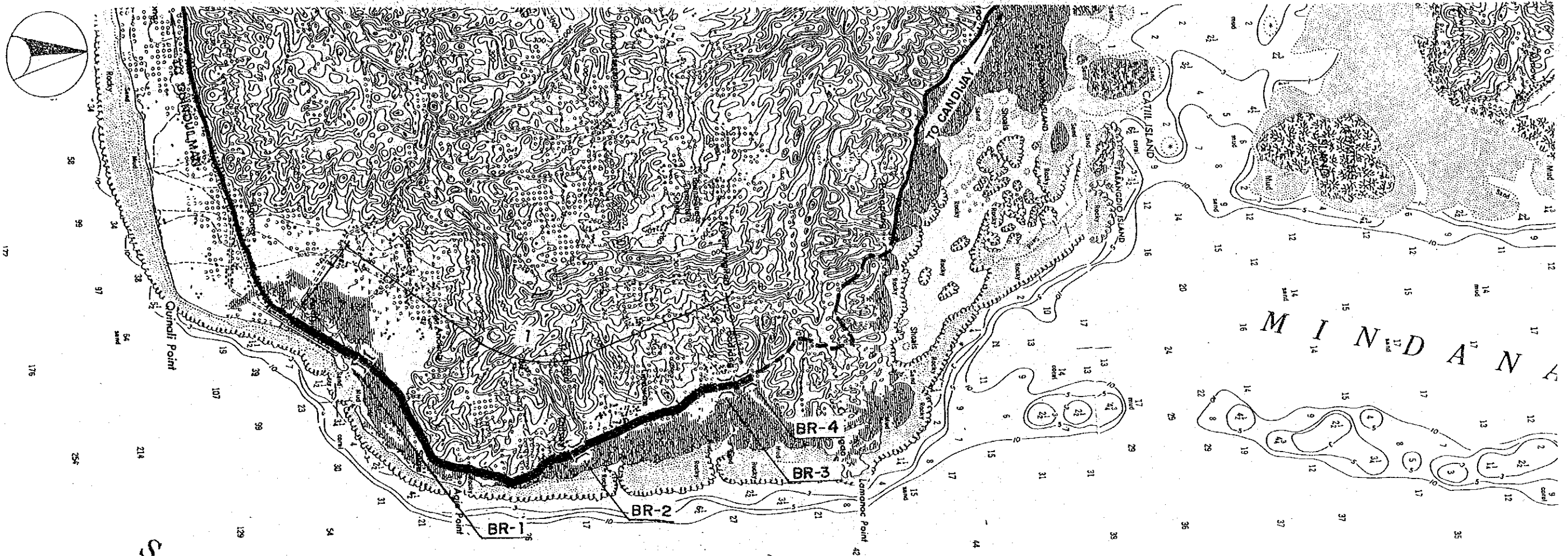
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Drawing No.
31

Road No: P113-1

Road Name: ANDA-BADIANG ROAD

Location : ANDA, BOHOL



Road Classification	Secondary Major (Provincial Road)			
Total Length	7.5 km			
Sub-section No.	1			
Length (km)	7.5			
Terrain	Rolling			
Existing Road Surface	3.2-GRV (Fair)			
Proposed Improvement	Widening			
Improvement Type	Gravel			
Surface Type	6.0			
Carriageway Width(m)	.5			
Shoulder Width (m)	TYPE 4-4			
Ref. Typical Section				
Bridge No.	BR-1	BR-2	BR-3	BR-4
Existing Type	Timber	Timber	Timber	Timber
Length (m)	7	6	9	7
Proposed Type	2Lane-Br	2Lane-Br	2Lane-Br	2Lane-Br
Length (m)	10	10	10	10
No. of Spans	1	1	1	1

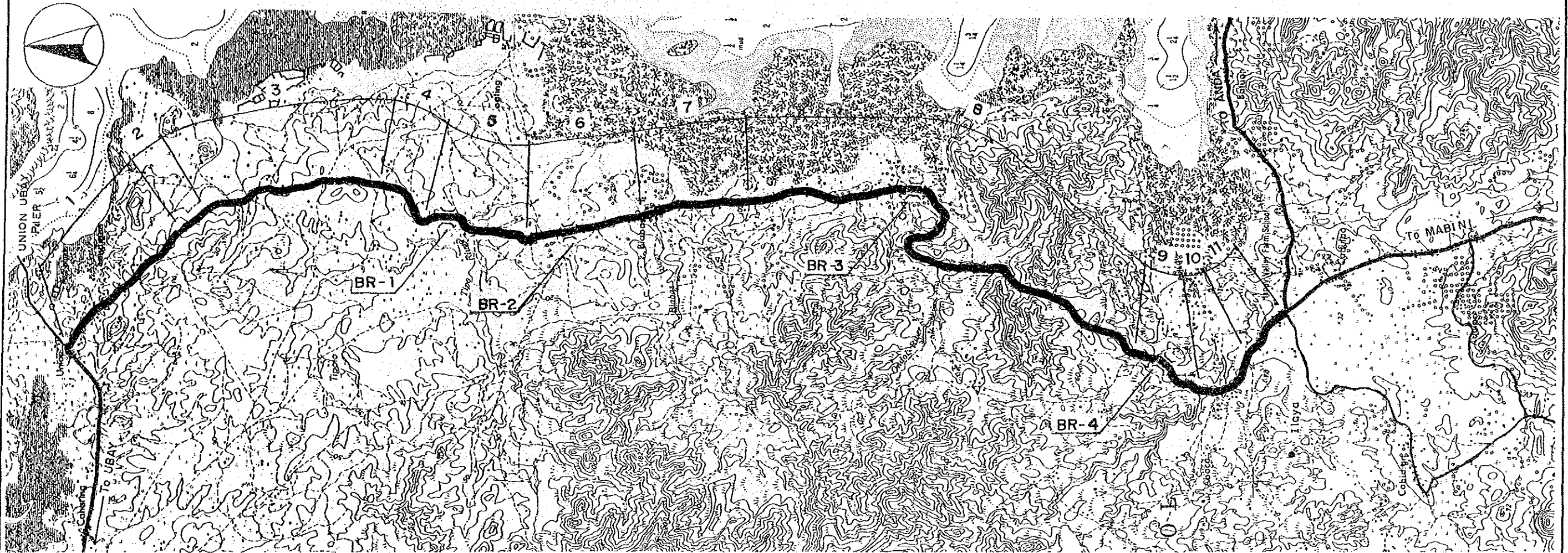
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Drawing No.
32

Road No: P124-1 Road Name: CABULAO-O (MABINI)-U (UBAY)
Location : MABINI & UBAY, BOHOL



Road Classification	Secondary Major (Provincial Road)										
Total Length	20.4 km										
Sub-section No.	1	2	3	4	5	6	7	8	9	10	11
Length (km)	2.1	.3	2.3	.8	1.5	1.4	1.4	7.9	1.0	.9	.8
Terrain	Rolling	Rolling	Flat	Rolling	Rolling	Rolling	Rolling	Rolling	Rolling	Rolling	Rolling
Existing Road Surface	4.1-GRV (Bad)	4.0-GRV (Bad)	3.4-GRV (V.Bad)	4.0-GRV (Bad)	4.5-GRV (V.Bad)	4.1-GRV (Bad)	4.5-GRV (V.Bad)	4.5-GRV (V.Bad)	4.0-GRV (V.Bad)	3.8-GRV (V.Bad)	4.0-GRV (Bad)
Proposed Improvement	Rehabil.	Rehabil.	Rehabil.	Rehabil.	Rehabil.	Rehabil.	Rehabil.	Rehabil.	Rehabil.	Rehabil.	Rehabil.
Improvement Type	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel
Surface Type	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel
Carriageway Width(m)	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0	6.0
Shoulder Width (m)	.5	.5	1.0	.5	.5	.5	.5	.5	.5	.5	.5
Ref. Typical Section	TYPE 1-6	TYPE 1-6	TYPE 1-6	TYPE 1-6	TYPE 1-6	TYPE 1-6	TYPE 1-6	TYPE 1-6	TYPE 1-6	TYPE 1-6	TYPE 1-6
Special Treatment											
Flood Section Length	-	-	-	-	-	-	-	200	-	-	-
Height	-	-	-	-	-	-	-	.8	-	-	-
Bridge No.	BR-1	BR-2	BR-3	BR-4							
Existing Type	Timber	Spillway	Spillway	Timber							
Length (m)	8	-	-	15							
Proposed Type	2Lane-Br	2Lane-Br	2Lane-Br	2Lane-Br							
Length (m)	15	10	10	20							
No. of Spans	1	1	1	1							

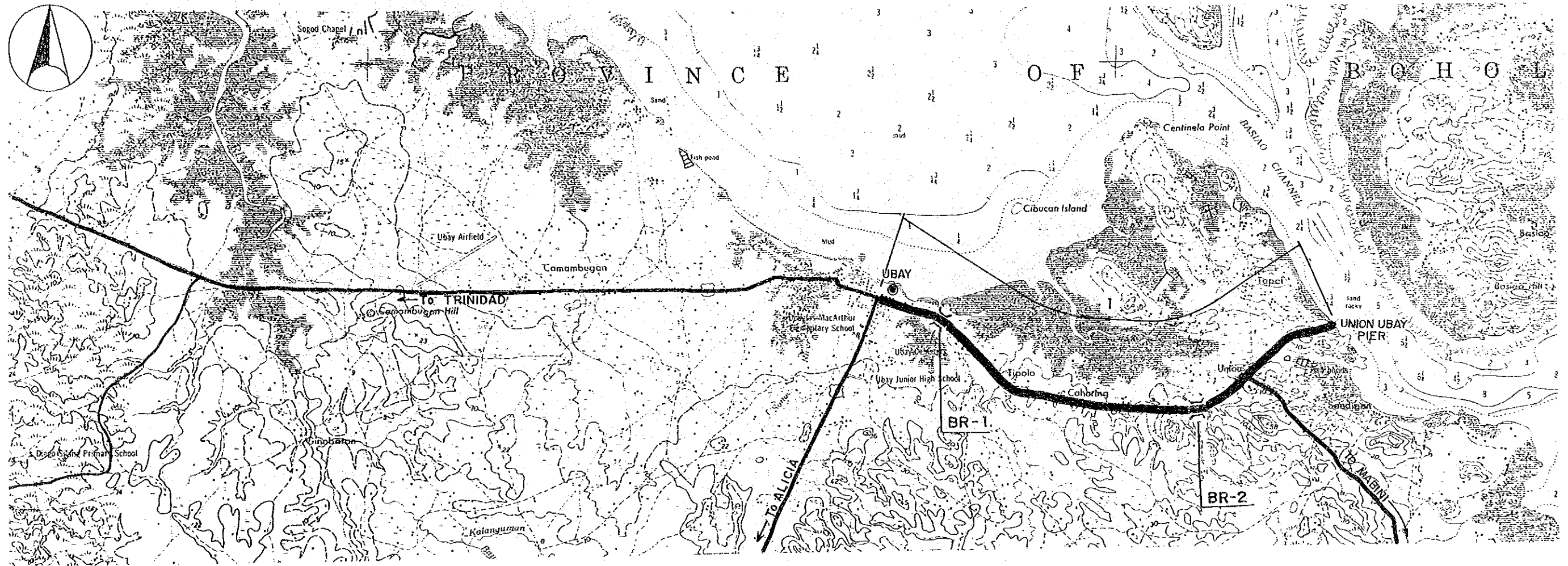
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Drawing No.
33

Road No: P128-1 Road Name: UBAY TAPAL WHARF ROAD
Location : UBAY, BOHOL



Road Classification	Second'y Major Rd (Provincial Road)	
Total Length	6.5 km	
Sub-section No.	1	
Length (km)	6.5	
Terrain	Flat	
Existing Road Surface	4.0-GRV (Fair)	
Proposed Improvement	Widening	
Improvement Type	Gravel	
Surface Type	6.0	
Carriageway Width(m)	1.0	
Shoulder Width (m)	TYPE 4-4	
Ref. Typical Section		
Bridge No.	BR-1	BR-2
Existing Type	Timber	Bailey
Length (m)	12	16
Proposed Type	2Lane-Br	2Lane-Br
Length (m)	15	18
No. of Spans	1	1

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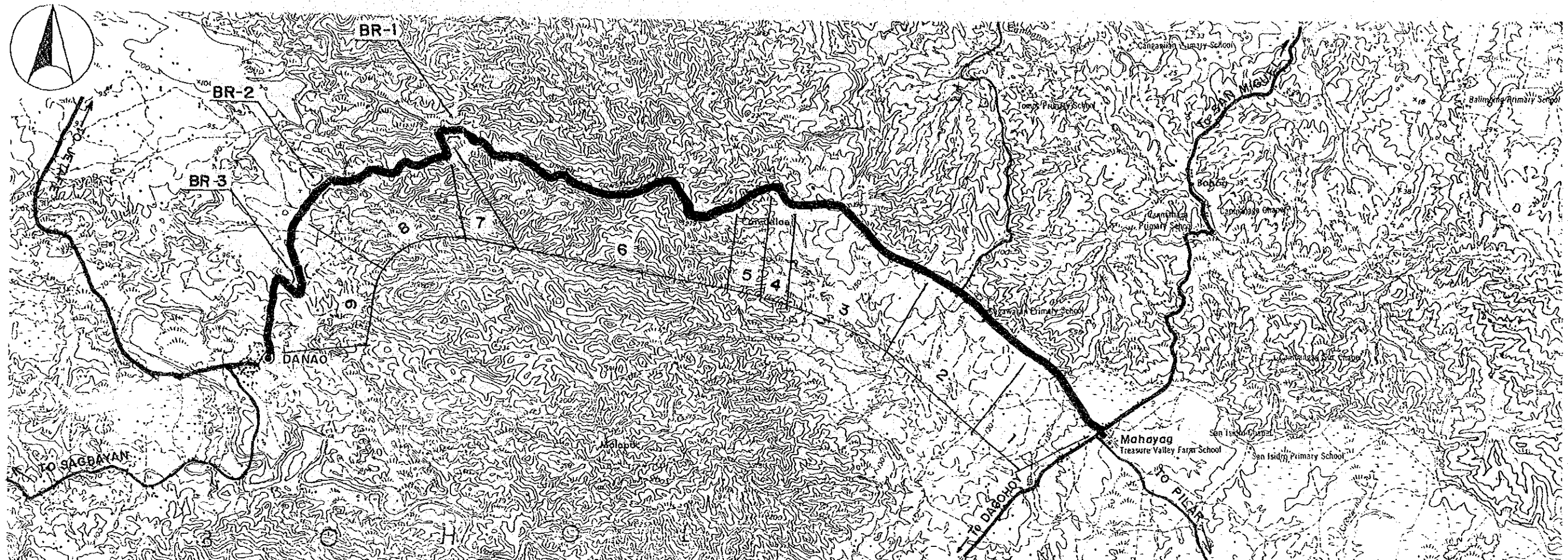
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Drawing No.
34

Road No: P145-1

Road Name: JCT. (LIR) MAHAYAG-DANA O RD.

Location : DANA O & SAN MIGUEL, BOHOL



Road Classification	Secondary Major (Provincial Road)								
Total Length	14.9 km								
Sub-section No.	1	2	3	4	5	6	7	8	9
Length (km)	1.3	1.5	2.0	.4	.5	4.2	.2	2.3	2.5
Terrain	Rolling	Rolling	Rolling	Mt'nous	Mt'nous	Mt'nous	Mt'nous	Mt'nous	Rolling
Existing Road Surface	4.2-GRV (Bad)	4.2-GRV (Bad)	4.2-GRV (Bad)	4.2-GRV (Bad)	4.2-GRV (Bad)	4.2-GRV (Bad)	4.0-PCC (Good)	4.2-GRV (Bad)	4.2-GRV (Bad)
Proposed Improvement	Rehabil. Rehabil. Rehabil. Rehabil. Rehabil. Rehabil. - Rehabil. Rehabil.								
Improvement Type	Gravel Gravel Gravel Gravel Gravel Gravel - Gravel Gravel								
Surface Type	Gravel Gravel Gravel Gravel Gravel Gravel - Gravel Gravel								
Carriageway Width(m)	6.0	6.0	6.0	6.0	6.0	6.0	-	6.0	6.0
Shoulder Width (m)	.5	.5	.5	.5	.5	.5	-	.5	.5
Ref. Typical Section	TYPE 1-6	TYPE 1-6	TYPE 1-6	TYPE 1-6	TYPE 1-6	TYPE 1-6	-	TYPE 1-6	TYPE 1-6
Special Treatment	Steep Section Length								
Steep Section Length	-	-	-	-	-	300	-	200	-
Bridge No.	BR-1	BR-2	BR-3						
Existing Type	Timber	Spillway	Bailey						
Length (m)	14	-	19						
Proposed Type	2Lane-Br	2Lane-Br	2Lane-Br						
Length (m)	15	30	20						
No. of Spans	1	2	1						

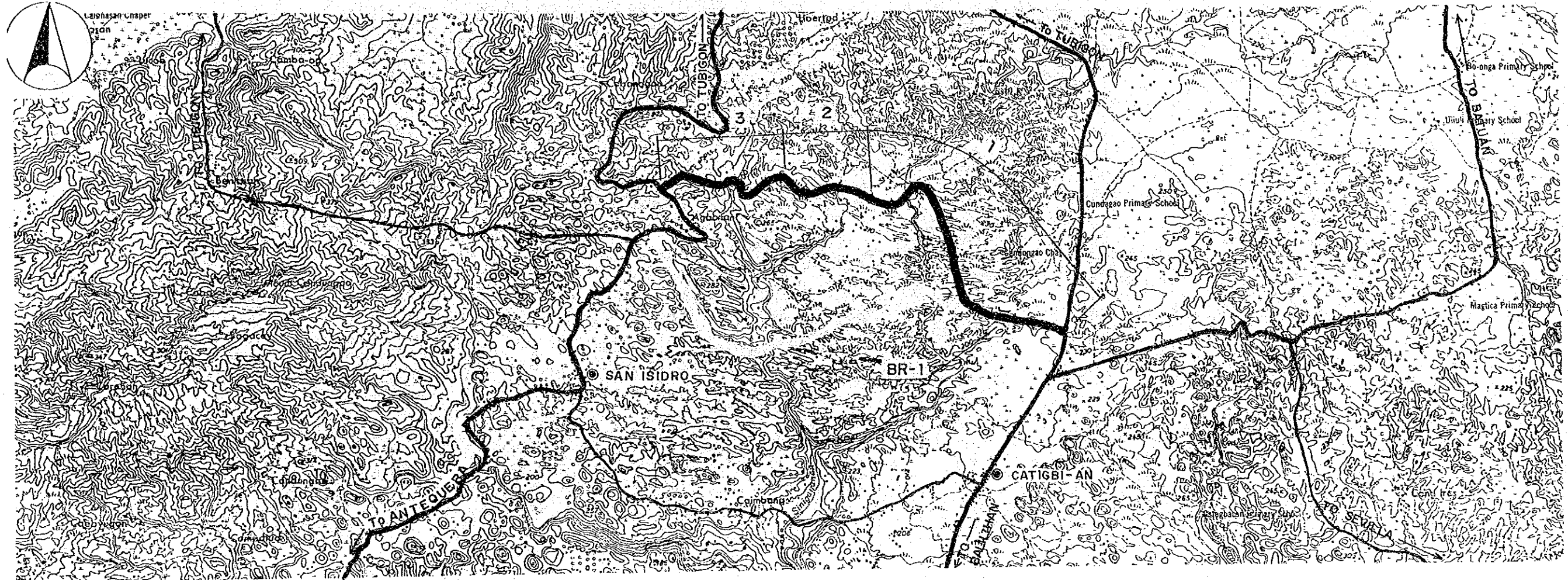
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Drawing No.
35

Road No: P157-1 Road Name: CANDUMAYAO-CABANUGAN ROAD
Location : CATIGBIAN & SAN ISIDTO, BOHOL



Road Classification	Second'y Major (Prov'l Road)		
Total Length	5.5 km		
Sub-section No.	1	2	3
Length (km)	3.2	.9	1.4
Terrain	Rolling	Rolling	Rolling
Existing Road Surface	3.6-EAR (Bad)	4.5-GRV (Bad)	4.5-GRV (V.Bad)
Proposed Improvement	Impr.-1	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 2-8	TYPE 1-6	TYPE 1-6
Ref. Typical Section			
Bridge No.	BR-1		
Existing Type	Spillway		
Length (m)	-		
Proposed Type	-		
Length (m)	-		
No. of Spans	-		

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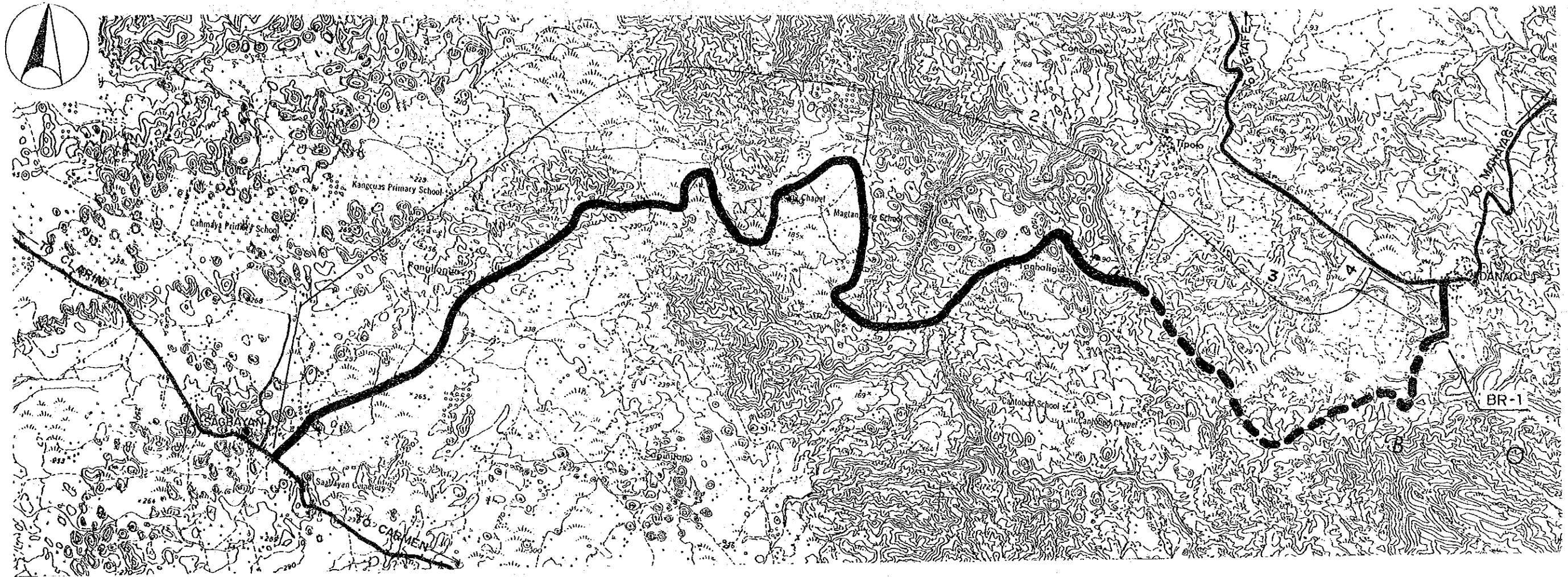
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Drawing No.
36

Road No: P300-6

Road Name: POB (SAGBAYAN)-JCT. DANAOG

Location : SAGBAYAN & DANAOG, BOHOL



Road Classification	Secondary Major (Provincial Road)			
Total Length	22.3 km			
Sub-section No.	1	2	3	4
Length (km)	10.0	6.0	5.7	.6
Terrain	Flat	Rolling	Rolling	Flat
Existing Road Surface	4.0-GRV (Good)	4.0-GRV (Fair)	Impass./ Non-ex.	4.0-GRV (Fair)
Proposed Improvement	Widening	Widening	New Con.	Widening
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 4-4 TYPE 4-4 TYPE 5-4 TYPE 4-4			
Ref. Typical Section				
Bridge No.	BR-1			
Existing Type	Concrete			
Length (m)	15			
Proposed Type	-			
Length (m)	-			
No. of Spans	-			

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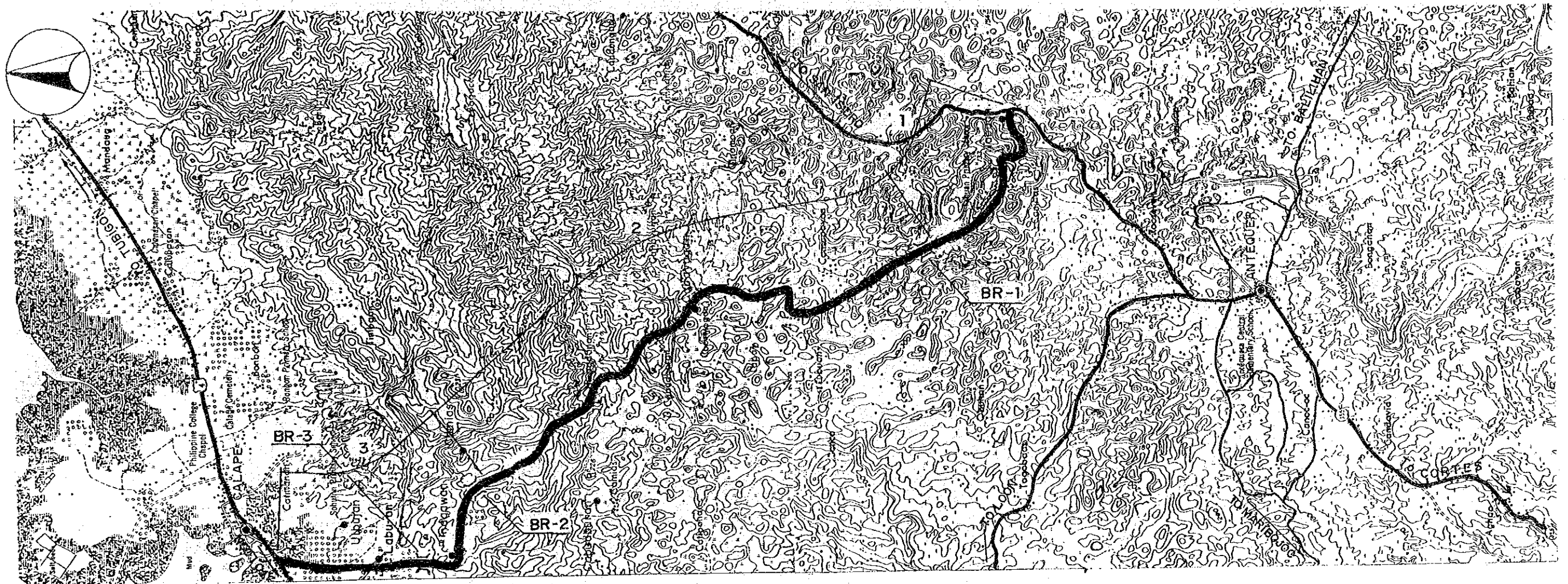
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Drawing No.
38

Road No: P28-1

Road Name: CALAPE-CABAYUGAN-TABUAN

Location : CALAPE-& ANTEQUERA, BOHOL



Road Classification	Minor Road (Provincial Road)		
Total Length	11.7 km		
Sub-section No.	1	2	3
Length (km)	2.2	6.9	2.6
Terrain	Mt'nous	Mt'nous	Rolling
Existing Road Surface	4.2-GRV (Bad)	3.4-EAR (V.Bad)	3.8-GRV (Bad)
Proposed Improvement	Rehabil.	Impr.-1	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 2-8	TYPE 1-6
Ref. Typical Section			
Bridge No.	BR-1	BR-2	BR-3
Existing Type	Bailey	Bailey	Timber
Length (m)	12	13	12
Proposed Type	-	-	2Lane-Br
Length (m)	-	-	15
No. of Spans	-	-	1