



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

PRESENT CONDITION AND PROPOSED IMPROVEMENT

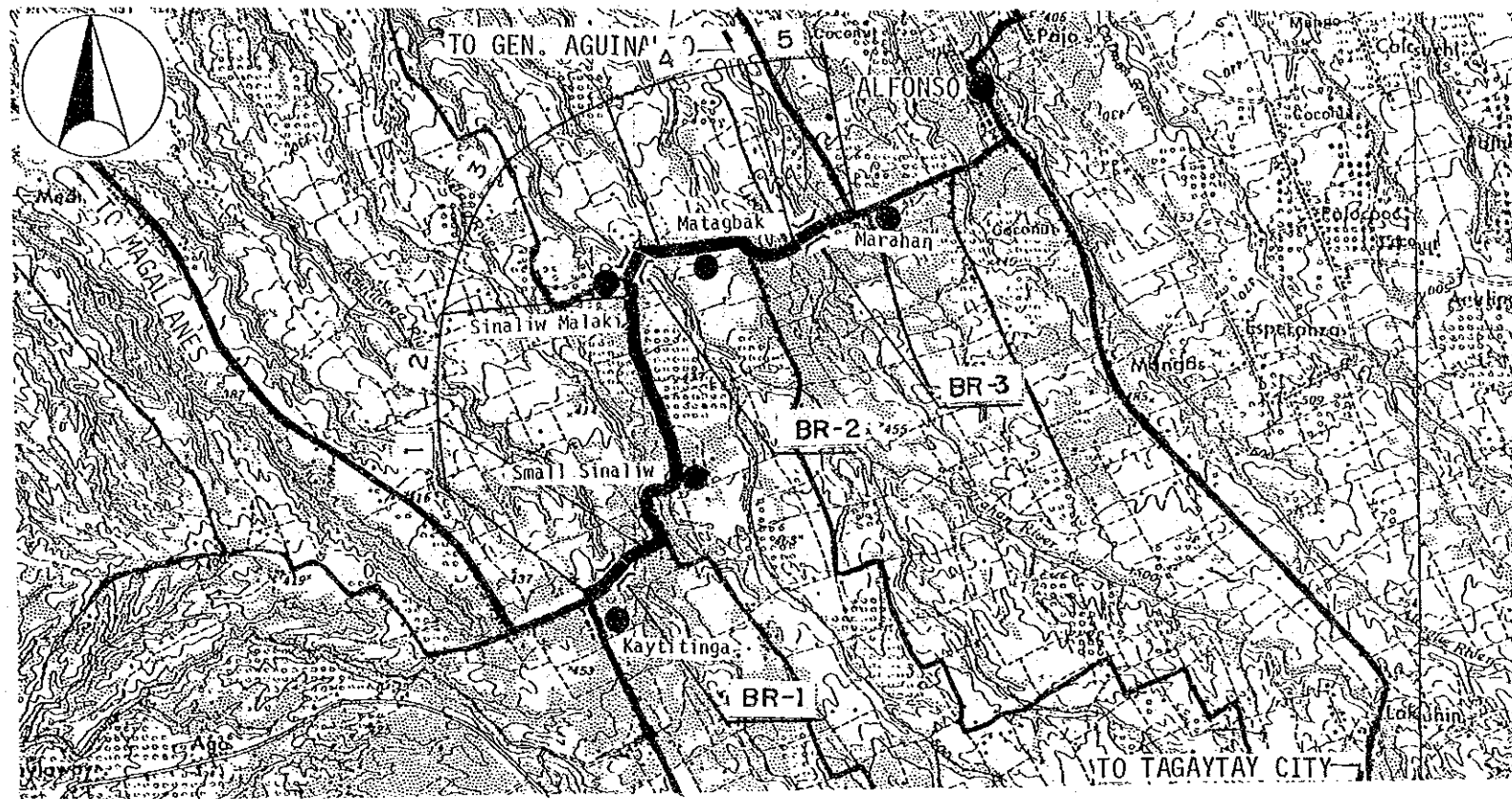
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Drawing No.  
31

Road No: P66-1

Road Name: ALFONSO-KAYTITINGA

Location : ALFONSO, CAVITE



Road Classification	Secondary Major (Provincial Road)				
Total Length	5.2 km				
Sub-section No.	1	2	3	4	5
Length (km)	.6	2.5	.6	1.1	.4
Terrain	Mt'nous	Rolling	Mt'nous	Rolling	Mt'nous
Existing Road Surface	5.3-BTM (Fair)	5.3-BTM (Fair)	5.3-BTM (Bad)	5.3-BTM (Bad)	5.3-BTM (V.Bad)
Proposed Improvement	-	-	Rehabil.	Rehabil.	Rehabil.
Improvement Type	-	-	AC	AC	AC
Surface Type	-	-	6.0	6.0	6.0
Carriageway Width(m)	-	-	1.0	1.5	1.0
Shoulder Width (m)	-	-	TYPE 1-3		TYPE 1-3
Ref. Typical Section	-	-	TYPE 1-3		TYPE 1-3
Special Treatment	-	-	180	-	100
Steep Section Length	-	-	180	-	100
Bridge No.	BR-1	BR-2	BR-3		
Existing Type	Bailey	Bailey	Bailey		
Length (m)	13	13	6		
Proposed Type	2Lane-Br	2Lane-Br	2Lane-Br		
Length (m)	15	15	8		
No. of Spans	1	1	1		

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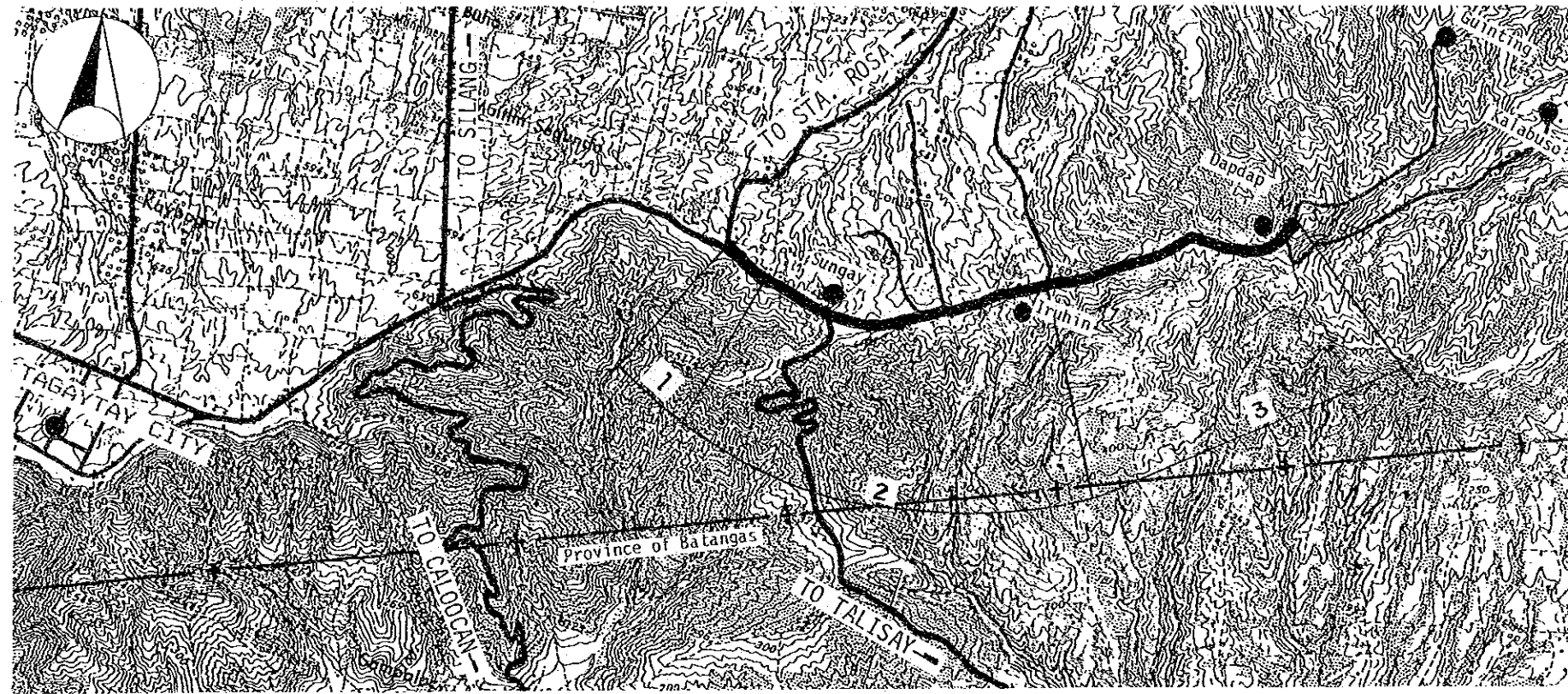
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Drawing No.  
32

Road No: N18-2

Road Name: TAGAYTAY-LAGUNA VIA CALAMBA

Location: TAGAYTAY & LAGUNA, CAVITE



Road Classification	Minor Road (National Road)		
Total Length	4.9 km		
Sub-section No.	1	2	3
Length (km)	.4	2.5	2.0
Terrain	Mt'nous	Mt'nous	Mt'nous
Existing Road Surface	6.0-PCC (Fair)	6.0-PCC (Fair)	6.0-PCC (Bad)
Proposed Improvement			
Improvement Type	-	-	Rehabil.
Surface Type	-	-	Overlay
Carriageway Width(m)	-	-	6.0
Shoulder Width (m)	-	-	1.0
Ref. Typical Section	-	-	TYPE 1-2

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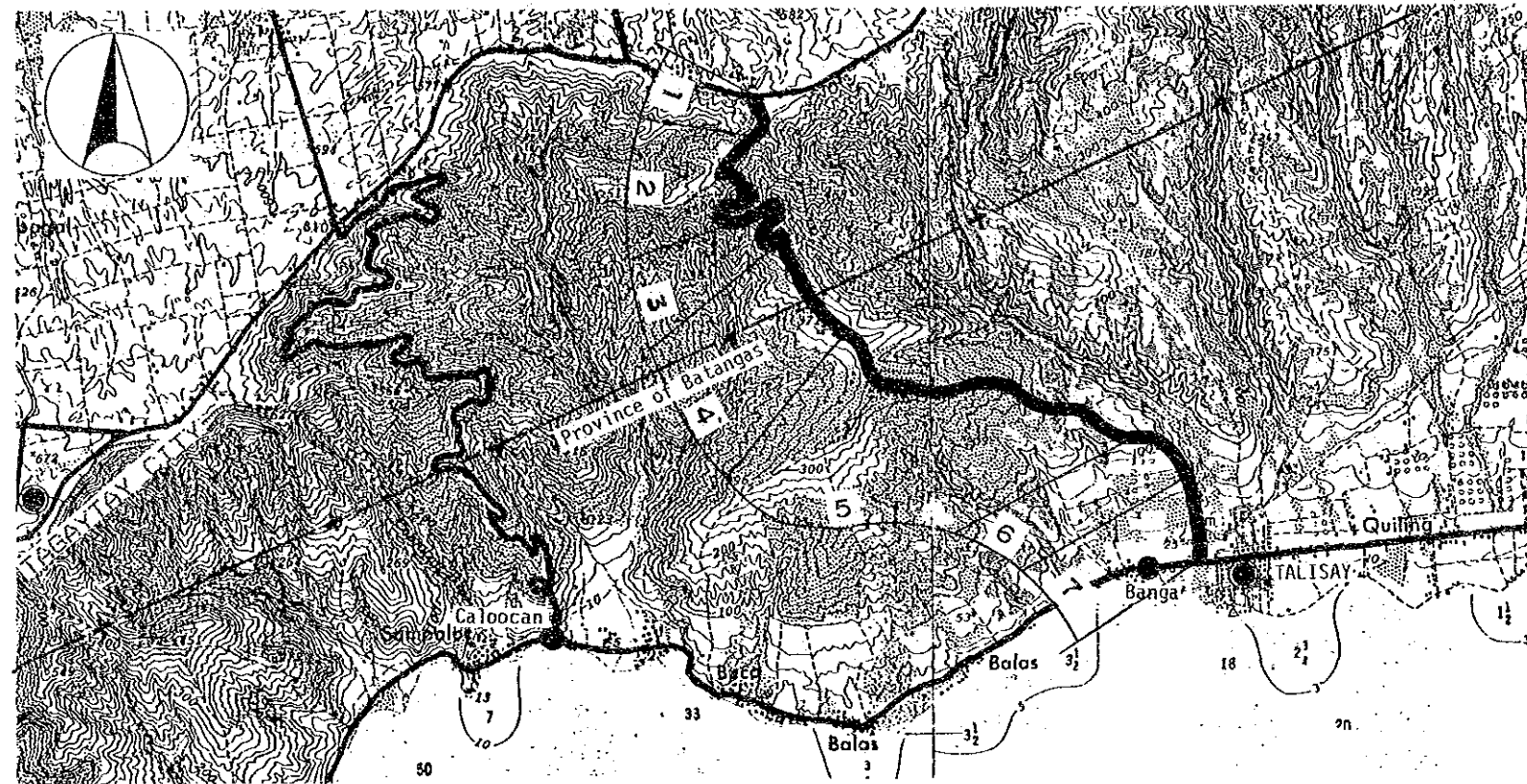
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Drawing No.  
33

Road No: N22-1

Road Name: TAGAYTAY-TALISAY

Location: TAGAYTAY CITY, CAVITE & TALISAY BATANGAS



Road Classification	Minor Road (National Road)						
Total Length	6.3 km						
Sub-section No.	1	2	3	4	5	6	7
Length (km)	.4	1.1	.6	.9	2.3	.5	.5
Terrain	Rolling	Mt'nous	Mt'nous	Mt'nous	Mt'nous	Mt'nous	Rolling
Existing Road Surface	4.0-BTM (Bad)	4.0-BTM (Bad)	4.0-PCC (Fair)	4.0-EAR (V.Bad)	5.5-EAR (V.Bad)	4.0-BTM (Fair)	4.0-BTM (Fair)
Proposed Improvement	Rehabil.	Rehabil.	Widening	Impr.-1	Impr.-1	Widening	Widening
Improvement Type							
Surface Type	* BMP	* BMP	PCC	* BMP	* BMP	* BMP	* BMP
Carriageway Width(m)	6.0	6.0	6.0	6.0	6.0	6.0	6.0
Shoulder Width (m)	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Ref. Typical Section	TYPE 1-5	TYPE 1-5	TYPE 4-1	TYPE 2-7	TYPE 2-7	TYPE 4-3	TYPE 4-3
Special Treatment							
Steep Section Length	100	330	180	270	600	150	150
Slope Protection							
(Cut Slope)	-	-	-	-	20	-	-
(Embank't Slop)	-	-	-	-	10	-	-

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



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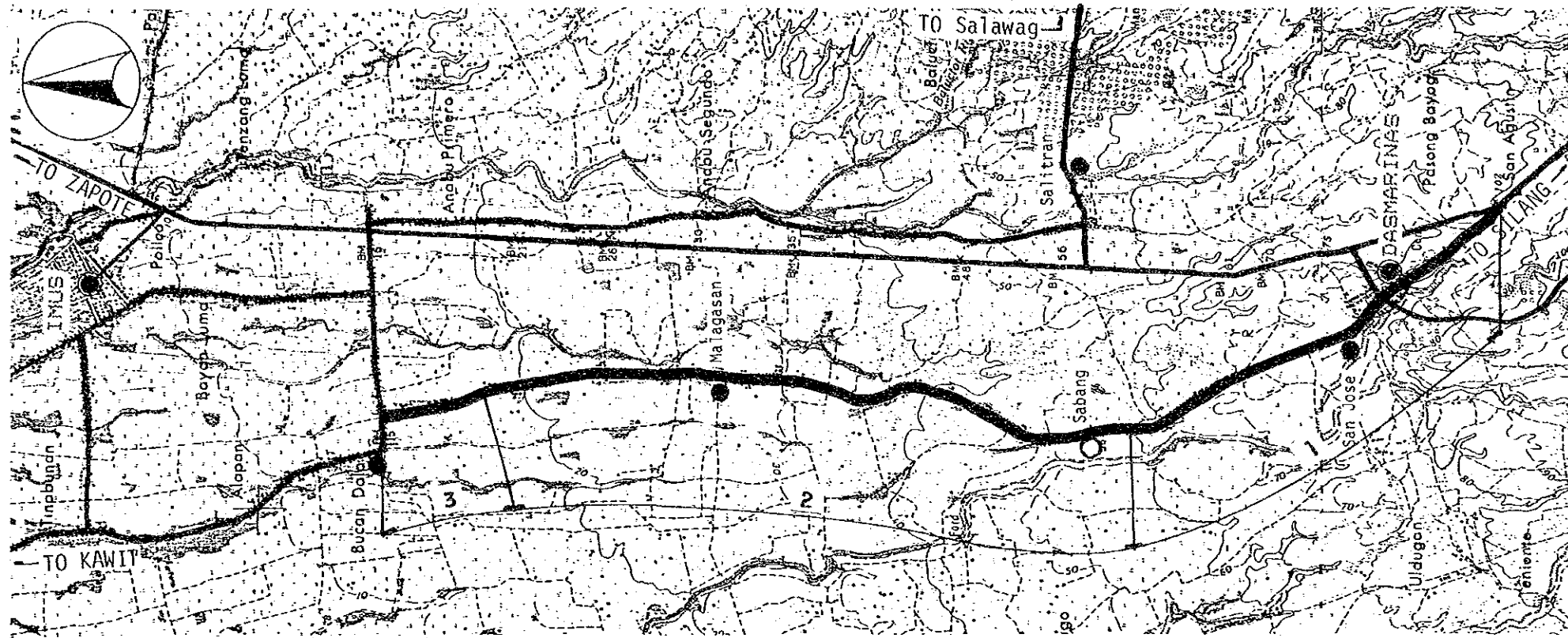
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Drawing No.  
34

Road No: P7-3

Road Name: BINAKAYAN JCT. - DASMARINAS

Location : IMUS & DASMARINAS, CAVITE



Road Classification	Minor Road (Provincial Road)		
Total Length	10.7 km		
Sub-section No.	1	2	3
Length (km)	3.9	5.9	.9
Terrain	Rolling	Flat	Flat
Existing Road Surface	6.1-PCC (Fair)	5.0-BTM (V.Bad)	6.1-PCC (Fair)
Proposed Improvement			
Improvement Type	-	Impr.-1	-
Surface Type	-	PCC	-
Carriageway Width(m)	-	6.1	-
Shoulder Width (m)	-	1.5	-
Ref. Typical Section	-	TYPE 2-1	-

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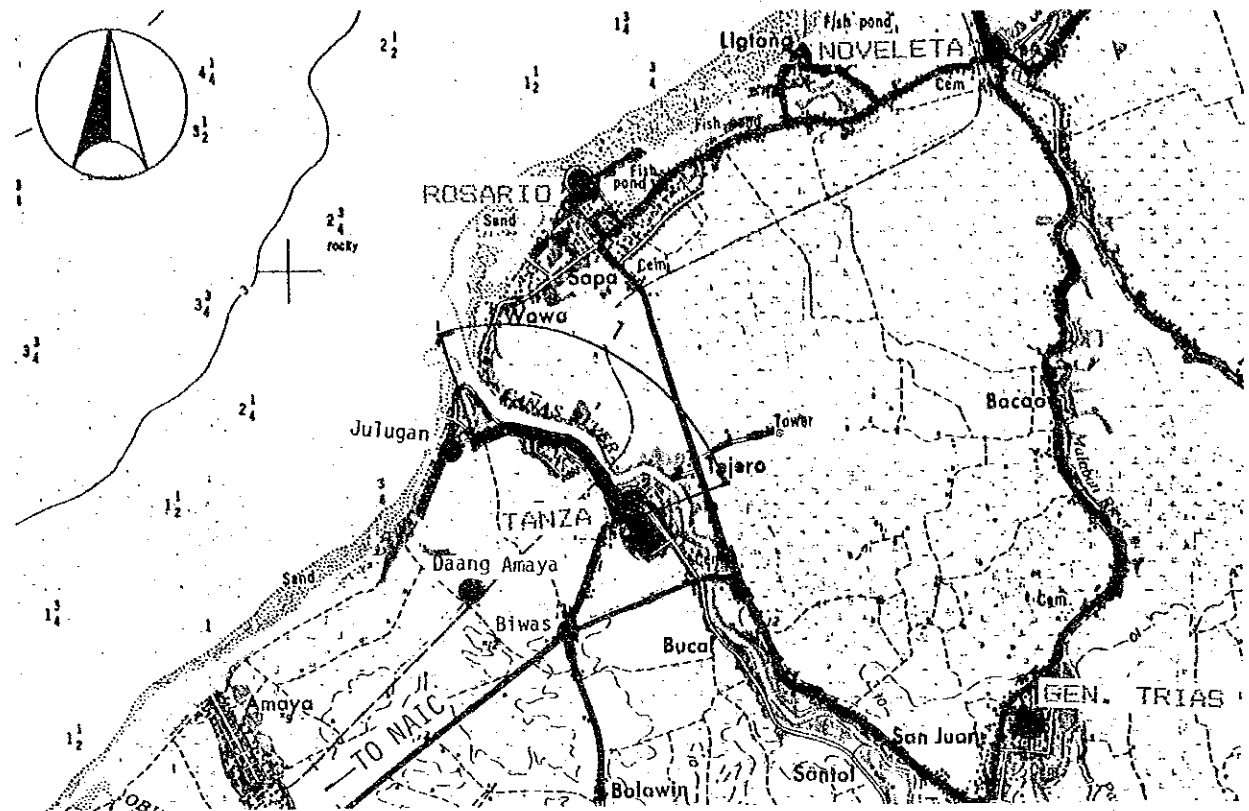
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Drawing No.  
35

Road No; P18-1

Road Name: TANZA JCT.-JULUGAN

Location : TANZA, CAVITE

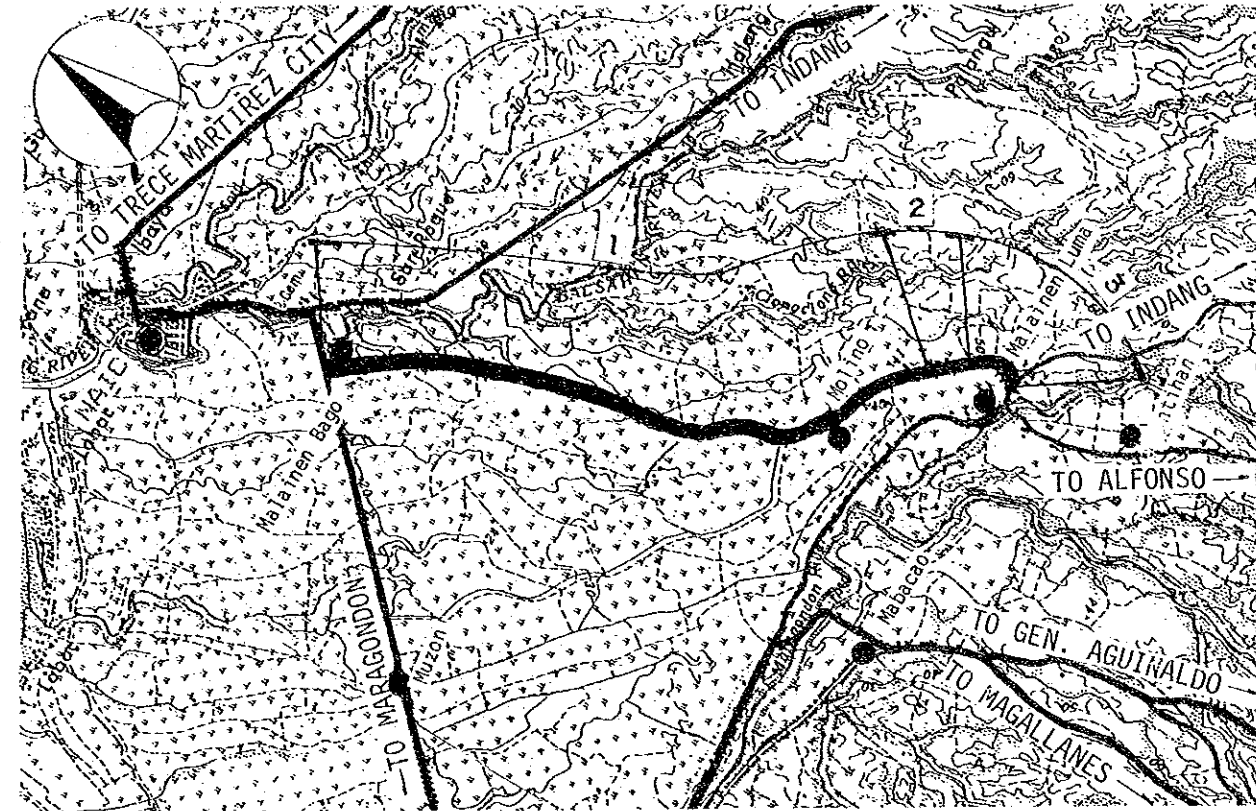


Road Classification	Minor Road (Provincial Road)
Total Length	1.1 km
Sub-section No.	1
Length (km)	1.1
Terrain	Rolling
Existing Road Surface	4.5-BTM (Bad)
Proposed Improvement	
Improvement Type	Rehabil.
Surface Type	AC
Carriageway Width(m)	6.0
Shoulder Width (m)	1.0
Ref. Typical Section	TYPE 1-3

Road No: P26-1

Road Name: MALAINEN BAGO-MALAINEN LUMA

Location : NAIC, CAVITE



Road Classification	Minor Road(Provincial Road)		
Total Length	5.1 km		
Sub-section No.	1	2	3
Length (km)	4.5	.2	.4
Terrain	Flat	Flat	Flat
Existing Road Surface	6.0-GRV (Bad)	6.1-PCC (Bad)	6.0-GRV (V.Bad)
Proposed Improvement			
Improvement Type	Impr.-1	Rehabil.	Impr.-1
Surface Type	* BMP	Overlay	* BMP
Carriageway Width(m)	6.0	6.1	6.0
Shoulder Width (m)	1.5	1.5	1.5
Ref. Typical Section	TYPE 2-4	TYPE 1-2	TYPE 2-4

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

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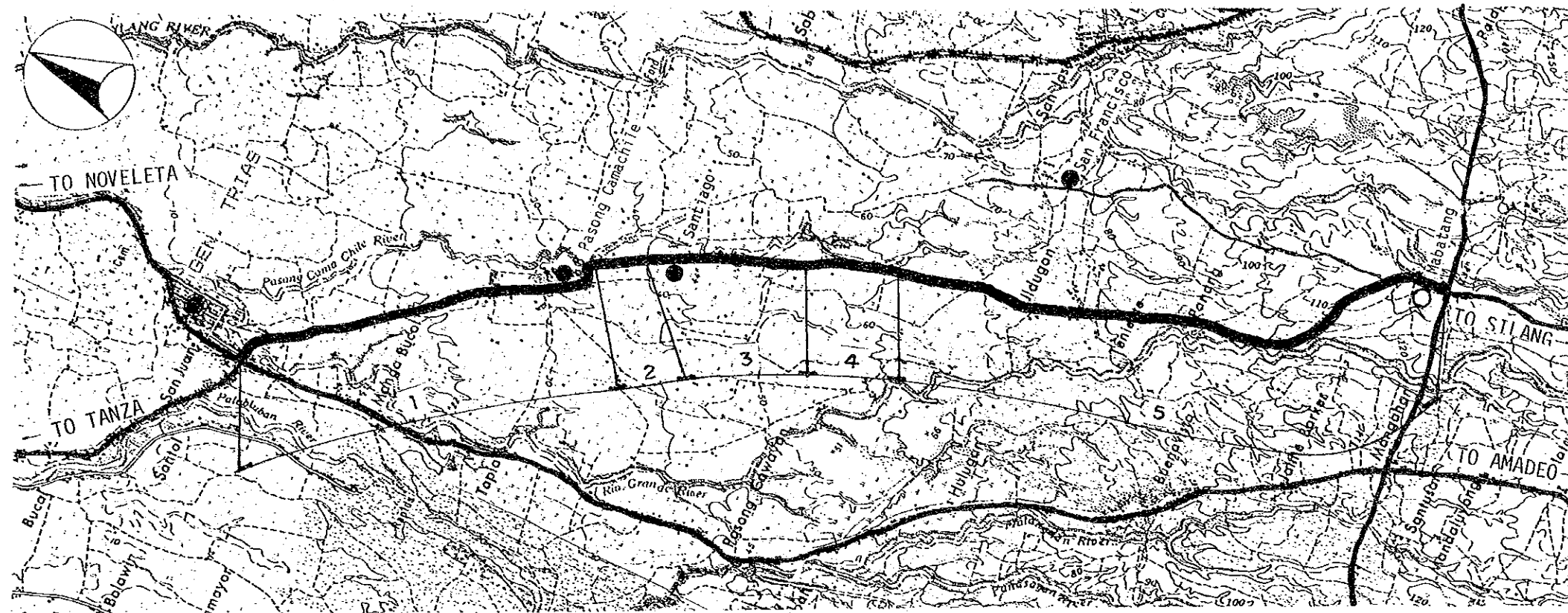
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Drawing No.  
38

Road No: P20-1

Road Name: GEN. TRIAS-ELANG ROAD

Location : GEN. TRIAS, CAVITE



Road Classification	Minor Road (Provincial Road)				
Total Length	11.0 km				
Sub-section No.	1	2	3	4	5
Length (km)	3.6	.5	1.6	.8	4.5
Terrain	Flat	Flat	Rolling	Rolling	Flat
Existing Road Surface	4.5-PCC (Bad)	4.5-PCC (Fair)	5.5-EAR (Bad)	5.5-EAR (V.Bad)	3.2-EAR (V.Bad)
Proposed Improvement					
Improvement Type	Rehabil.	-	Impr.-1	Impr.-1	Impr.-1
Surface Type	Overlay	-	Gravel	Gravel	Gravel
Carriageway Width(m)	4.5	-	6.0	6.0	6.0
Shoulder Width (m)	1.5	-	.5	.5	1.0
Ref. Typical Section	TYPE 1-2	-	TYPE 2-8	TYPE 2-8	TYPE 2-8
Special Treatment					
Flood Section Length	-	-	500	-	-
Height	-	-	.5	-	-
Slope Protection (Embank't Slop)	-	-	-	3	-

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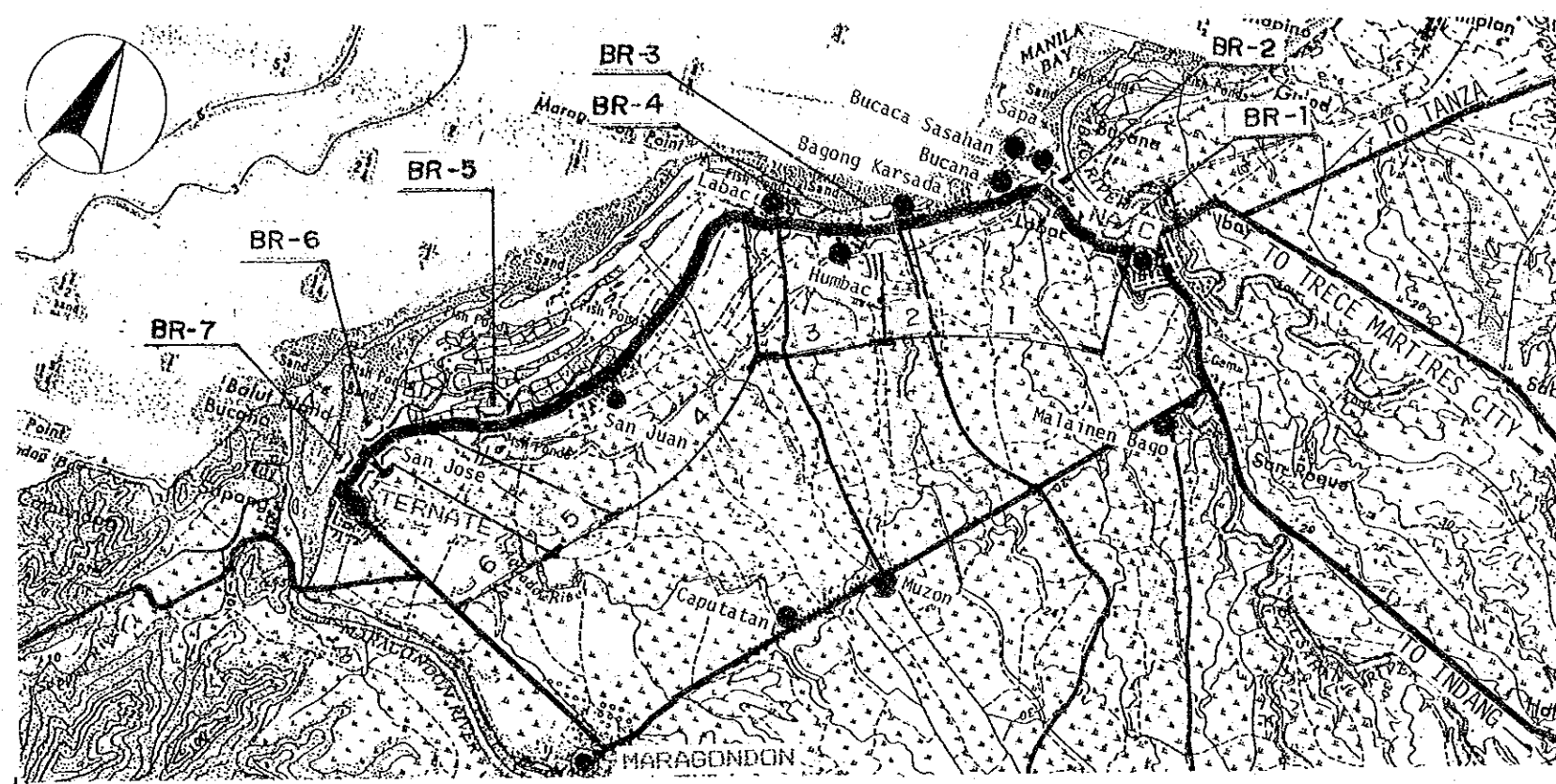
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Drawing No.  
37

Road No: P25-1

Road Name: TERNATE-NAIC

Location : TERNATE & NAIC, CAVITE



Road Classification	Minor Road (Provincial Road)						
Total Length	6.7 km						
Sub-section No.	1	2	3	4	5	6	
Length (km)	1.9	.2	.9	3.1	.2	.4	
Terrain	Flat	Flat	Flat	Flat	Flat	Flat	
Existing Road Surface	5.0-BTM (V.Bad)	5.5-GRV (V.Bad)	6.1-PCC (Fair)	6.0-GRV (V.Bad)	6.7-PCC (Fair)	6.0-BTM (Bad)	
Proposed Improvement	Rehabil.	Impr.-1	-	Impr.-1	-	Rehabil.	
Improvement Type	AC	AC	-	AC	-	AC	
Surface Type	6.0	6.0	-	6.0	-	6.0	
Carriageway Width(m)	1.5	1.5	-	1.5	-	1.5	
Shoulder Width (m)	TYPE 1-3	TYPE 2-3	-	TYPE 2-3	-	TYPE 1-3	
Ref. Typical Section							
Special Treatment							
Flood Section Length	-	200	-	-	-	-	
Height	-	.2	-	-	-	-	
Bridge No.	BR-1	BR-2	BR-3	BR-4	BR-5	BR-6	BR-7
Existing Type	Bailey	Timber	Timber	Bailey	Timber	Timber	Bailey
Length (m)	43	11	6	25	10	20	18
Proposed Type	2Lane-Br	2Lane-Br	2Lane-Br	2Lane-Br	2Lane-Br	2Lane-Br	2Lane-Br
Length (m)	45	12	6	25	10	20	20
No. of Spans	3	1	1	1	1	1	1



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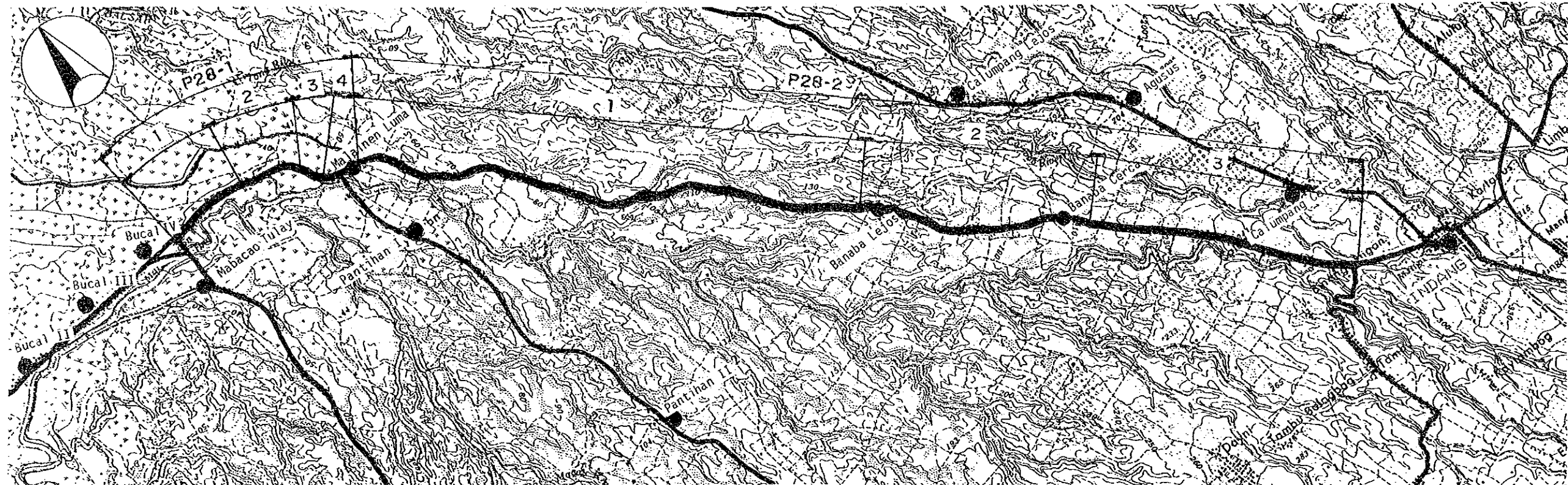
**PRESENT CONDITION AND PROPOSED IMPROVEMENT**

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Drawing No.  
38

Road No: P28-1      Road Name: MARAGONDON-BANABA-INDANG  
Location : MARAGONDON & INDANG, CAVITE

Road No: P28-2      Road Name: MARAGONDON - BANABA-INDANG  
Location : MARAGONDON & INDANG, CAVITE



Road No: P28-1

Road Classification	Minor Road (Provincial Road)			
Total Length	2.6 km			
Sub-section No.	1	2	3	4
Length (km)	1.2	.8	.2	.4
Terrain	Flat	Flat	Flat	Flat
Existing Road Surface	Impass./ Non-ex.	5.5-GRV (Bad)	6.0-PCC (Fair)	6.0-GRV (V.Bad)
Proposed Improvement				
Improvement Type	New Con.	Rehabil.	-	Rehabil.
Surface Type	Gravel	Gravel	-	Gravel
Carriageway Width(m)	6.0	6.0	-	6.0
Shoulder Width (m)	1.0	1.0	-	1.0
Ref. Typical Section	TYPE 5-4	TYPE 1-6	-	TYPE 1-6

Road No: P28-2

Road Classification	Minor Road (Provincial Road)		
Total Length	11.5 km		
Sub-section No.	1	2	3
Length (km)	5.7	2.7	3.1
Terrain	Rolling	Rolling	Rolling
Existing Road Surface	4.5-EAR (V.Bad)	6.0-EAR (Bad)	6.0-GRV (Bad)
Proposed Improvement			
Improvement Type	Impr.-1	Impr.-1	Impr.-1
Surface Type	Gravel	* BMP	* BMP
Carriageway Width(m)	6.0	6.0	6.0
Shoulder Width (m)	.5	1.0	1.0
Ref. Typical Section	TYPE 2-8	TYPE 2-7	TYPE 2-4

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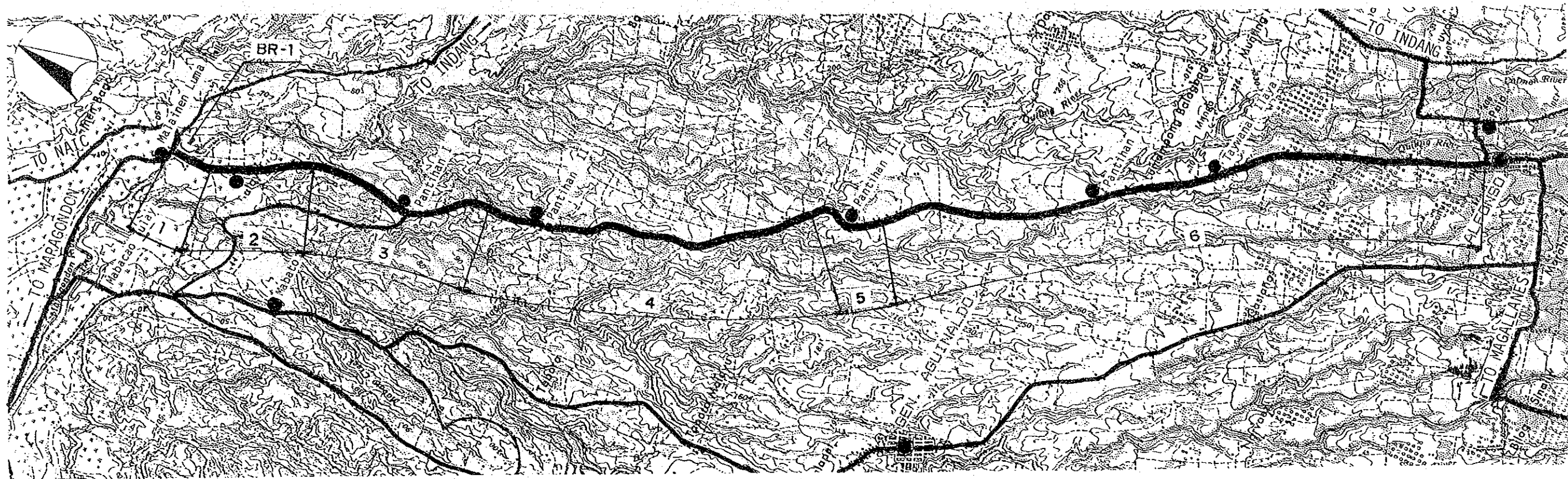
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Drawing No.  
39

Road No: P29-1

Road Name: ALFONSO-MARAGONDON

Location : ALFONSO & MARAGONDON, CAVITE



Road Classification	Minor Road (Provincial Road)					
Total Length	16.6 km					
Sub-section No.	1	2	3	4	5	6
Length (km)	.6	1.1	2.4	4.1	1.0	7.4
Terrain	Mt'nous	Mt'nous	Mt'nous	Mt'nous	Rolling	Rolling
Existing Road Surface	1.6-GRV (Bad)	3.2-GRV (Bad)	4.5-EAR (V.Bad)	4.0-GRV (V.Bad)	5.5-GRV (V.Bad)	5.5-GRV (V.Bad)
Proposed Improvement	Rehabil.	Rehabil.	Impr.-1	Rehabil.	Rehabil.	Rehabil.
Improvement Type	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel
Surface Type	Gravel	Gravel	Gravel	Gravel	Gravel	Gravel
Carriageway Width(m)	6.0	6.0	6.0	6.0	6.0	6.0
Shoulder Width (m)	.5	.5	.5	.5	.5	.5
Ref. Typical Section	TYPE 1-6	TYPE 1-6	TYPE 2-8	TYPE 1-6	TYPE 1-6	TYPE 1-6
Special Treatment						
Steep Section Length	180	-	-	-	-	-
Bridge No.	BR-1					
Existing Type	Ford-Cr.					
Length (m)	-					
Proposed Type	2Lane-Br					
Length (m)	45					
No. of Spans	3					

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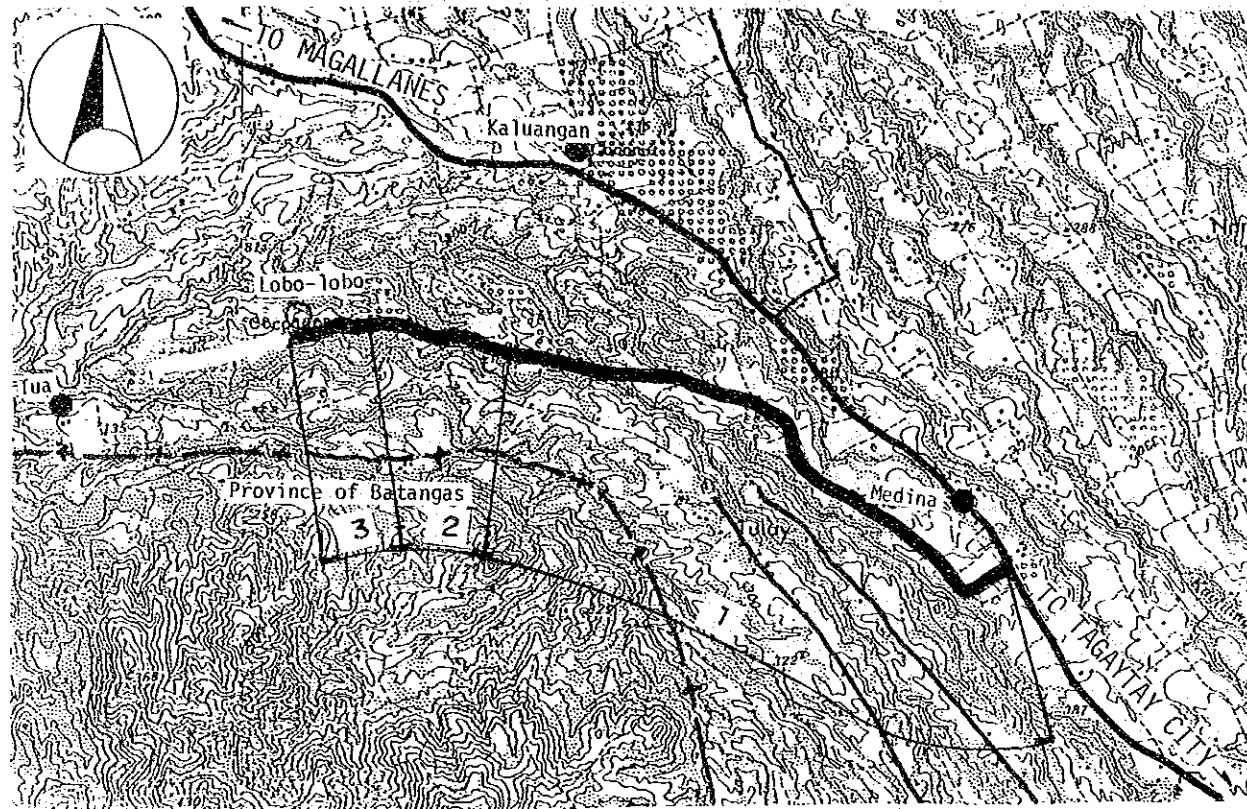
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Drawing No.  
40

Road No: P32-1

Road Name: KAYTITINGA-LOBOLOBO

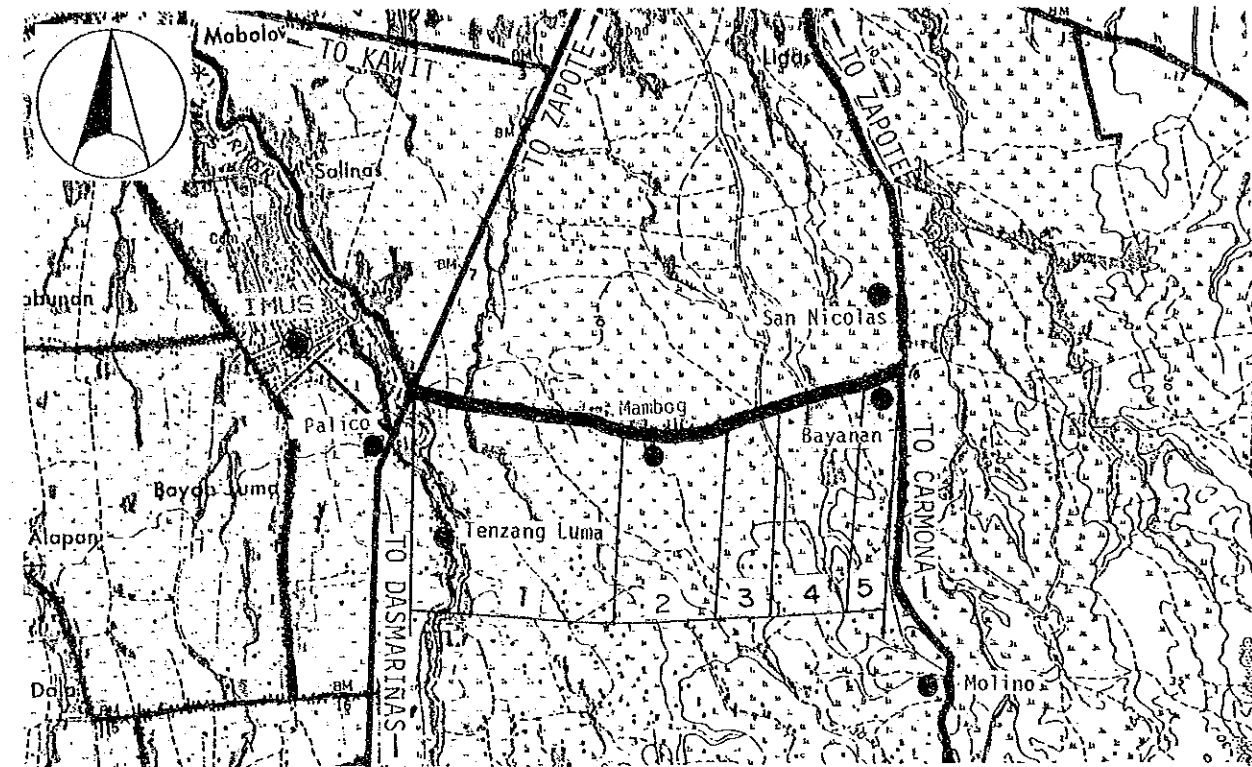
Location : MAGALLANES, CAVITE



Road No: P34-1

Road Name: PALICO-SAN NICOLAS

Location : BACOR, CAVITE



Road Classification	Minor Road (Provincial Road)		
Total Length	5.5 km		
Sub-section No.	1	2	3
Length (km)	4.1	.9	.5
Terrain	Mt'nous	Mt'nous	Mt'nous
Existing Road Surface	6.0-EAR (Bad)	5.5-EAR (V.Bad)	3.2-EAR (V.Bad)
Proposed Improvement	Impr.-1	Impr.-1	Impr.-1
Improvement Type	Gravel	Gravel	Gravel
Surface Type	Gravel	Gravel	Gravel
Carriageway Width(m)	6.0	6.0	6.0
Shoulder Width (m)	.5	.5	.5
Ref. Typical Section	TYPE 2-8	TYPE 2-8	TYPE 2-8

Road Classification	Minor Road (Provincial Road)				
Total Length	3.5 km				
Sub-section No.	1	2	3	4	5
Length (km)	1.4	.8	.4	.6	.3
Terrain	Flat	Flat	Flat	Rolling	Rolling
Existing Road Surface	3.0-BTM (Bad)	3.5-BTM (V.Bad)	4.5-PCC (Fair)	3.5-BTM (V.Bad)	4.5-BTM (V.Bad)
Proposed Improvement	Rehabil.	Rehabil.	Widening	Rehabil.	Rehabil.
Improvement Type	Rehabil.	Rehabil.	Widening	Rehabil.	Rehabil.
Surface Type	AC	AC	PCC	AC	AC
Carriageway Width(m)	6.0	6.0	6.0	6.0	6.0
Shoulder Width (m)	1.5	1.5	1.5	1.0	1.0
Ref. Typical Section	TYPE 1-3	TYPE 1-3	TYPE 4-1	TYPE 1-3	TYPE 1-3

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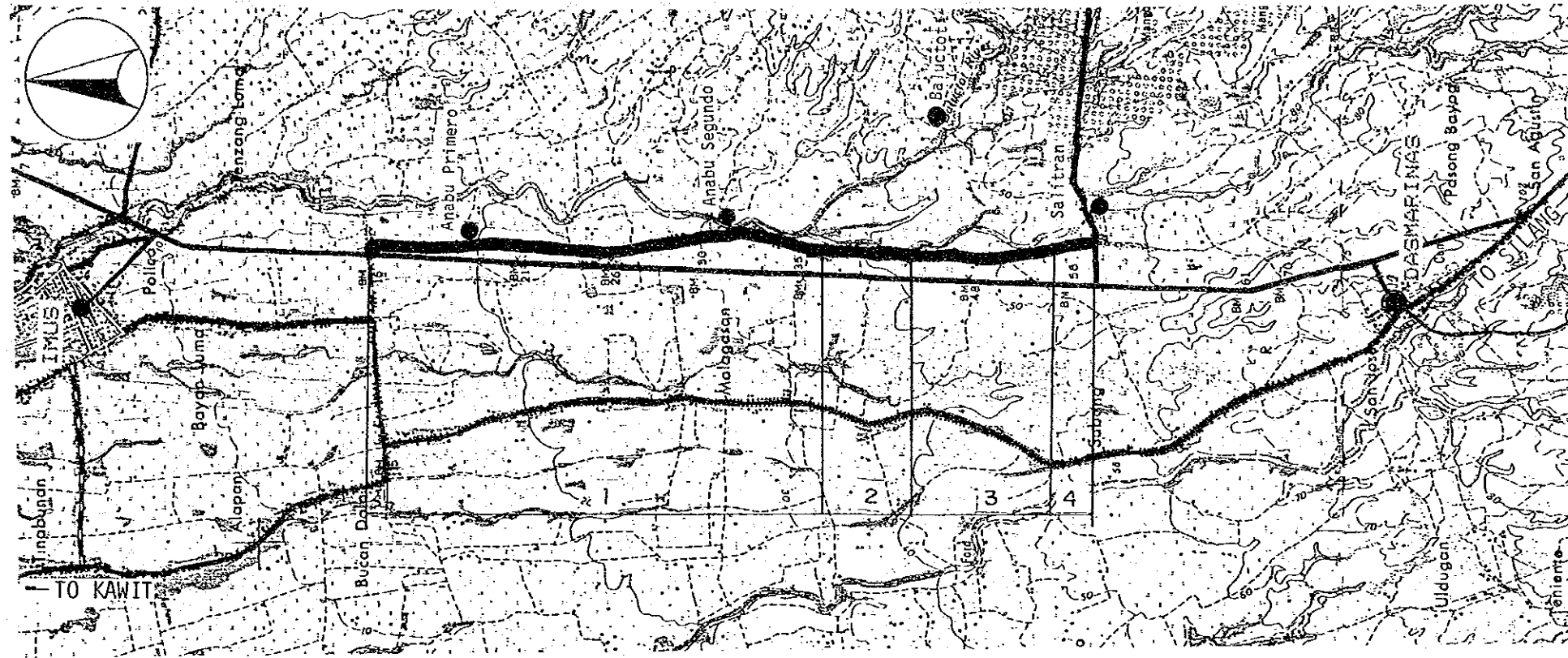
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Drawing No.  
41

Road No: P35-1

Road Name: IMUS JCT.-ANABU ROAD

Location : IMUS & DASMARINAS, CAVITE



Road Classification	Minor Road (Provincial Road)			
Total Length	6.3 km			
Sub-section No.	1	2	3	4
Length (km)	4.0	.8	1.2	.3
Terrain	Flat	Flat	Flat	Flat
Existing Road Surface	4.0-PCC (Fair)	3.0-BTM (Bad)	2.4-EAR (V.Bad)	3.0-BTM (Bad)
Proposed Improvement				
Improvement Type	-	Impr.-1	Impr.-1	Impr.-1
Surface Type	-	PCC	PCC	PCC
Carriageway Width(m)	-	4.0	4.0	4.0
Shoulder Width (m)	-	1.5	1.5	1.5
Ref. Typical Section	-	TYPE 2-1	TYPE 2-5	TYPE 2-1



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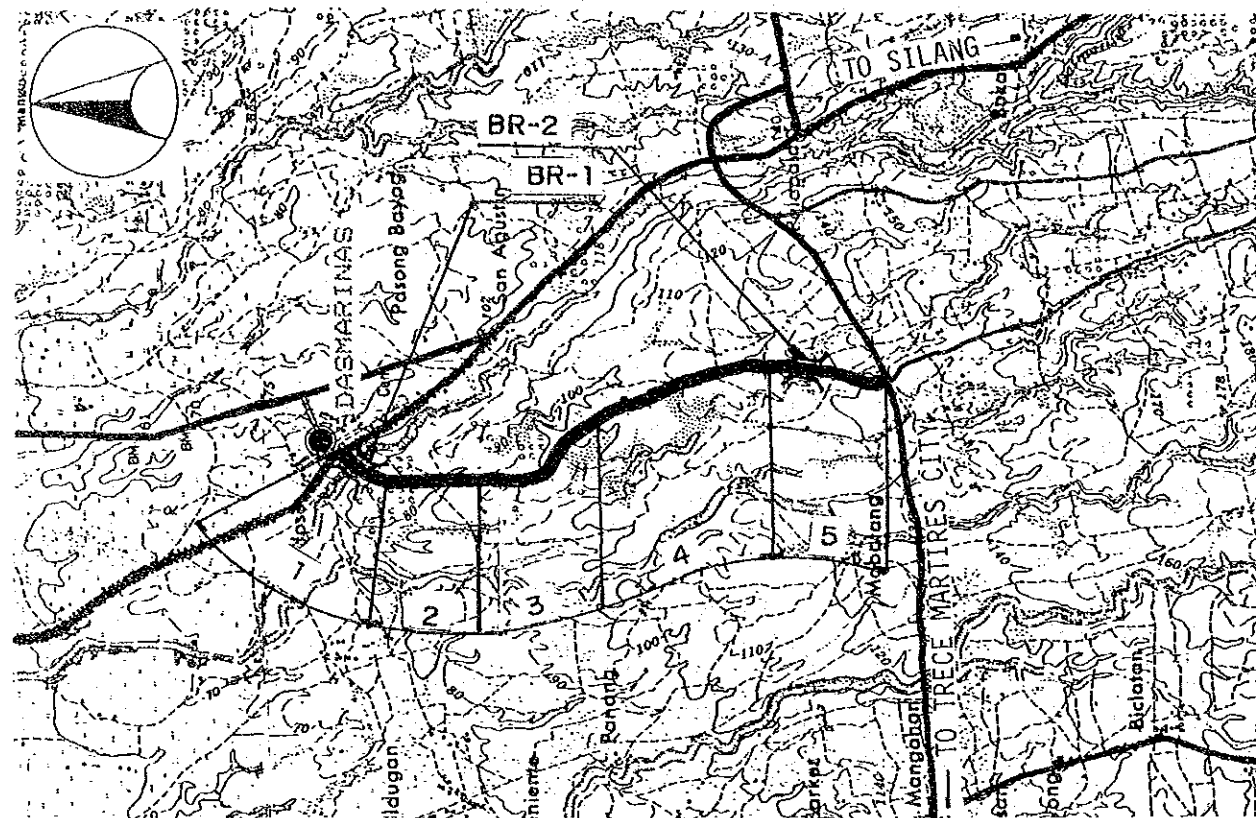
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Drawing No.  
42

Road No: P37-1

Road Name: DASMA JCT.-DASMA TMC

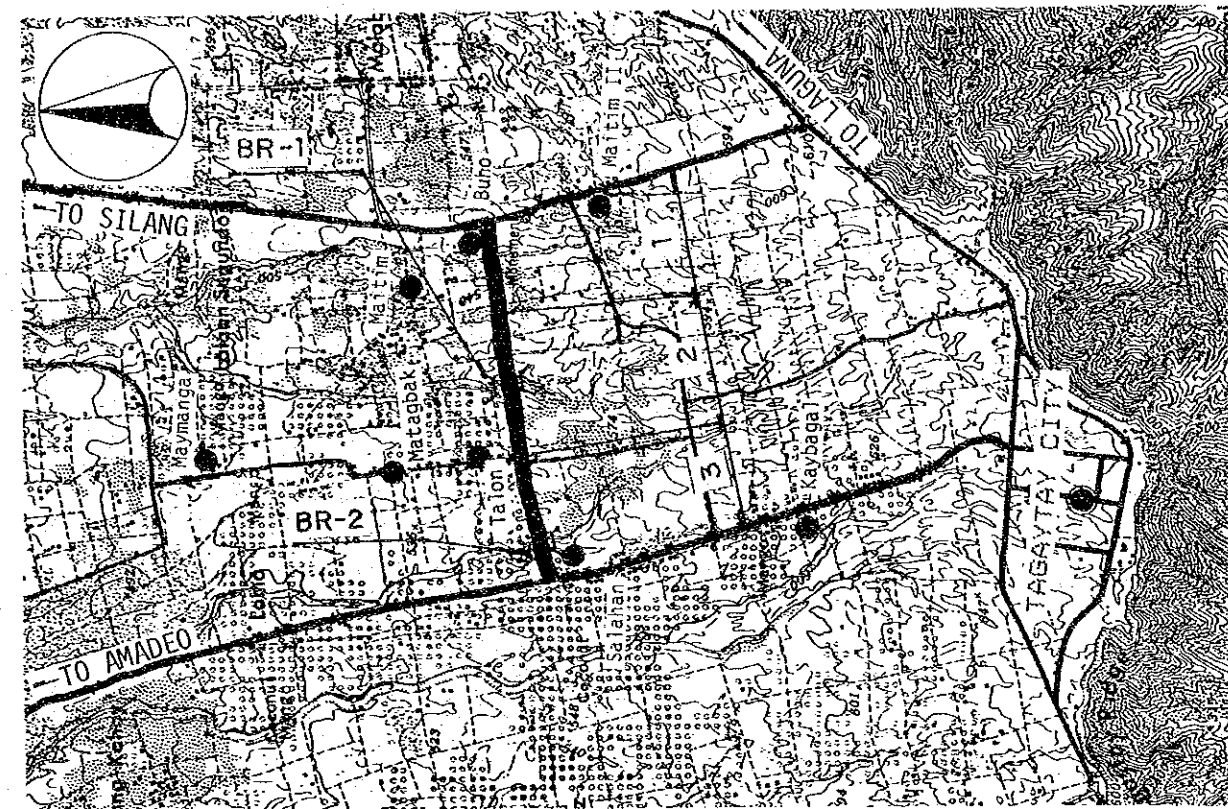
Location : DASMARINAS, CAVITE



Road No: P51-1

Road Name: TALON-BUHO

Location : SILANG, CAVITE



Road Classification	Minor Road (Provincial Road)				
Total Length	4.1 km				
Sub-section No.	1	2	3	4	5
Length (km)	.6	.6	.9	1.2	.8
Terrain	Rolling	Rolling	Rolling	Rolling	Rolling
Existing Road Surface	4.0-PCC (Fair)	5.0-GRV (Bad)	5.5-GRV (Bad)	3.2-EAR (V.Bad)	5.5-GRV (Bad)
Proposed Improvement	-	Rehabil.	Rehabil.	Impr.-1	Rehabil.
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 2-8 TYPE 1-6			
Ref. Typical Section					
Bridge No.	BR-1	BR-2			
Existing Type	Bailey	Others			
Length (m)	30	-			
Proposed Type	-	-			
Length (m)	-	-			
No. of Spans	-	-			

Road Classification	Minor Road (Provincial Road)		
Total Length	2.6 km		
Sub-section No.	1	2	3
Length (km)	.7	1.0	.9
Terrain	Rolling	Rolling	Rolling
Existing Road Surface	4.0-BTM (V.Bad)	4.0-BTM (Bad)	4.0-BTM (V.Bad)
Proposed Improvement	Rehabil.	Rehabil.	Rehabil.
Improvement Type	* BMP	* BMP	* BMP
Surface Type	6.0	6.0	6.0
Carriageway Width(m)	1.0	1.0	1.0
Shoulder Width (m)	TYPE 1-5 TYPE 1-5 TYPE 1-5		
Ref. Typical Section			
Special Treatment			
Steep Section Length	-	-	200
Bridge No.	BR-1	BR-2	
Existing Type	Bailey	Bailey	
Length (m)	9	18	
Proposed Type	-	-	
Length (m)	-	-	
No. of Spans	-	-	

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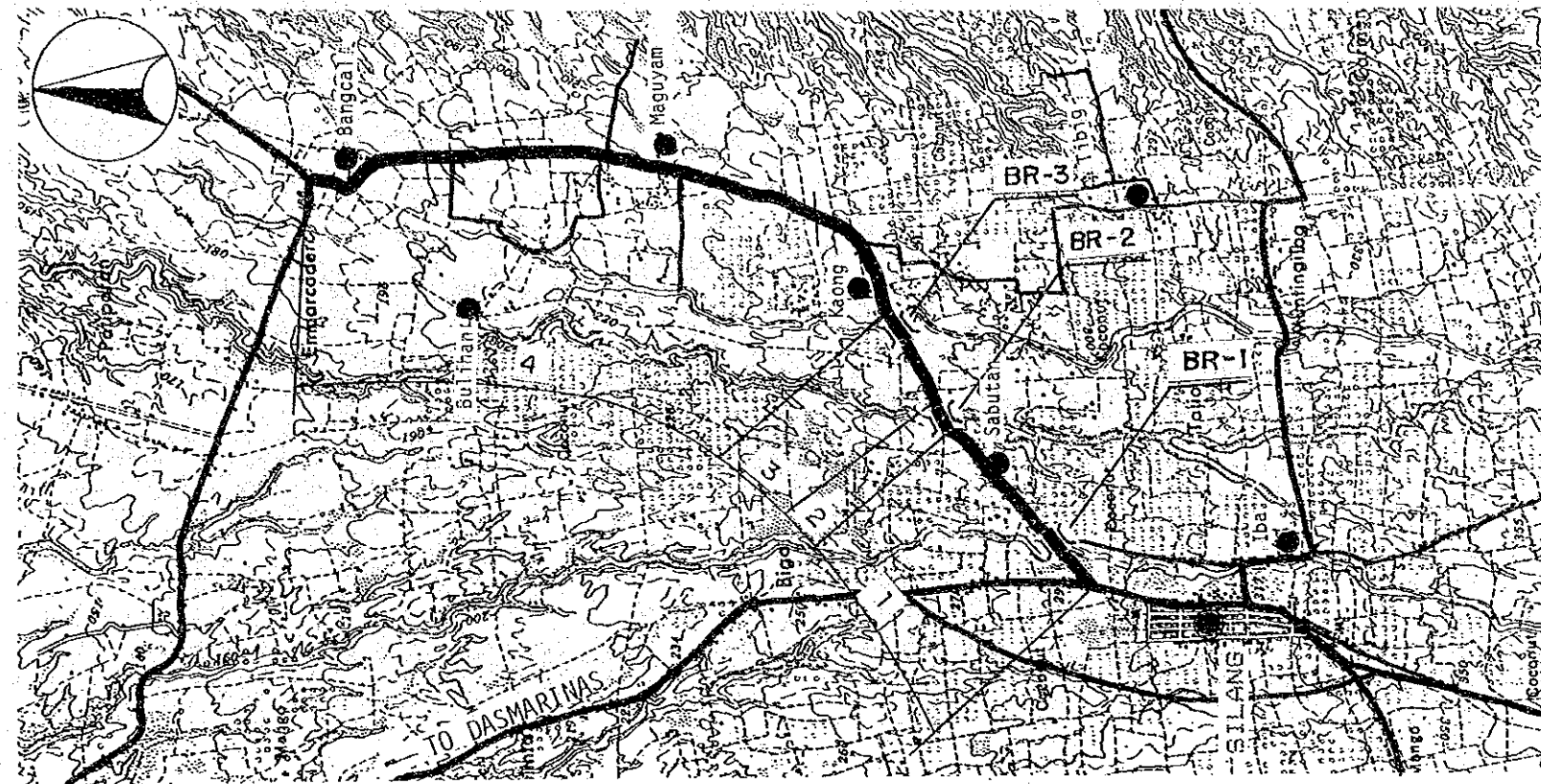
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Drawing No.  
43

Road No: P42-1

Road Name: SABUTAN-MAGUYAM

Location: SILANG, CAVITE



Road Classification	Minor Road (Provincial Road)			
Total Length	6.9 km			
Sub-section No.	1	2	3	4
Length (km)	1.4	.2	.7	4.6
Terrain	Rolling	Mt'nous	Flat	Flat
Existing Road Surface	5.2-EAR (Bad)	5.2-PCC (Good)	6.0-GRV (Bad)	6.0-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	-	1.0	1.0
Shoulder Width (m)	TYPE 2-8	-	TYPE 1-6	TYPE 1-6
Ref. Typical Section	-	-	-	2000
Special Treatment	-	-	-	.1
Flood Section Length	200	-	-	-
Height	-	-	-	-
Steep Section Length	BR-1	BR-2	BR-3	
Bridge No.	Others	Bailey	Bailey	
Existing Type	6	12	18	
Length (m)	-	-	-	
Proposed Type	-	-	-	
Length (m)	-	-	-	
No. of Spans	-	-	-	

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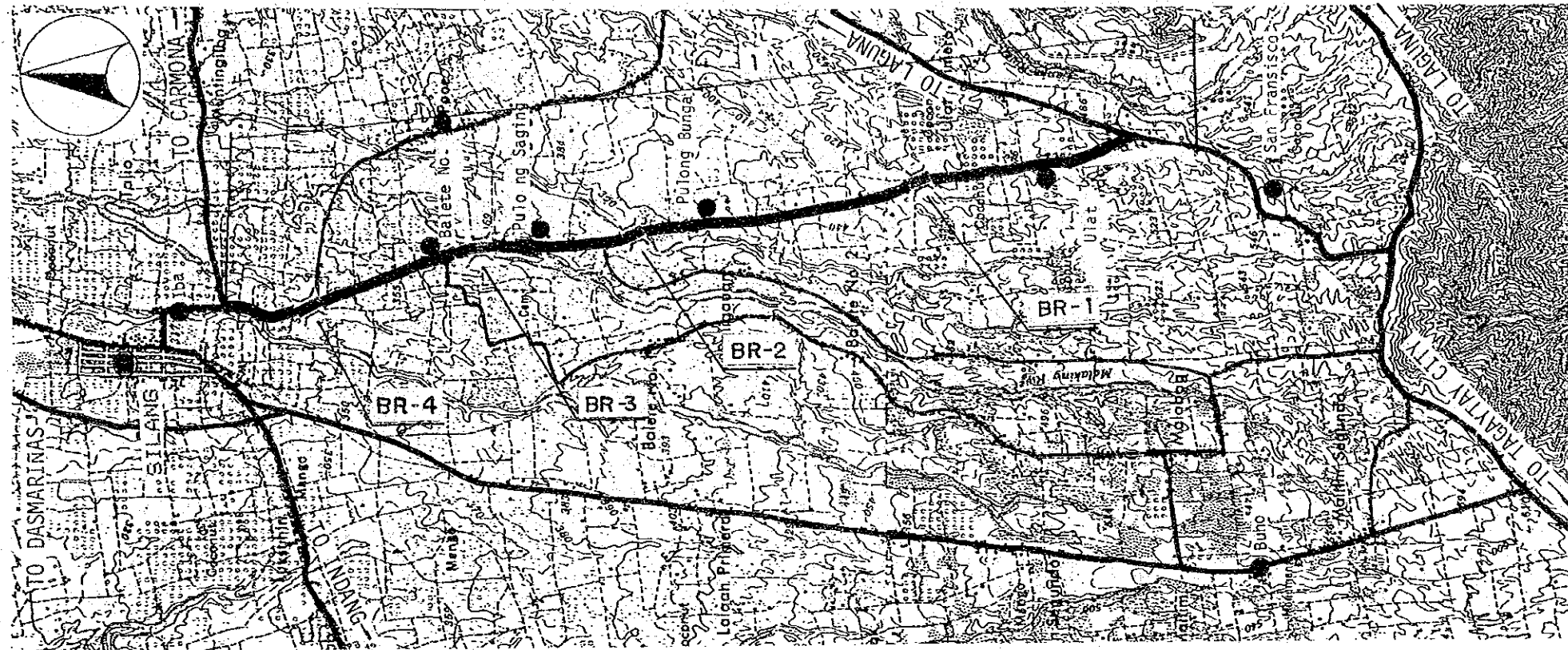
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Drawing No.  
44

Road No: P44-1

Road Name: IBA-ULAT

Location: SILANG, CAVITE



Road Classification	Minor Road (Provincial Road)			
Total Length	8.1 km			
Sub-section No.	1			
Length (km)	8.1			
Terrain	Rolling			
Existing Road Surface	5.5-GRV (V.Bad)			
Proposed Improvement	Impr.-1			
Improvement Type	AC			
Surface Type	6.0			
Carriageway Width(m)	1.0			
Shoulder Width (m)	TYPE 2-3			
Ref. Typical Section	300			
Special Treatment				
Steep Section Length				
Bridge No.	BR-1	BR-2	BR-3	BR-4
Existing Type	Timber	Bailey	Bailey	Others
Length (m)	7	9	9	3
Proposed Type	2Lane-Br	2Lane-Br	2Lane-Br	2Lane-Br
Length (m)	7	9	10	7
No. of Spans	1	1	1	1

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

**PRESENT CONDITION AND PROPOSED IMPROVEMENT**

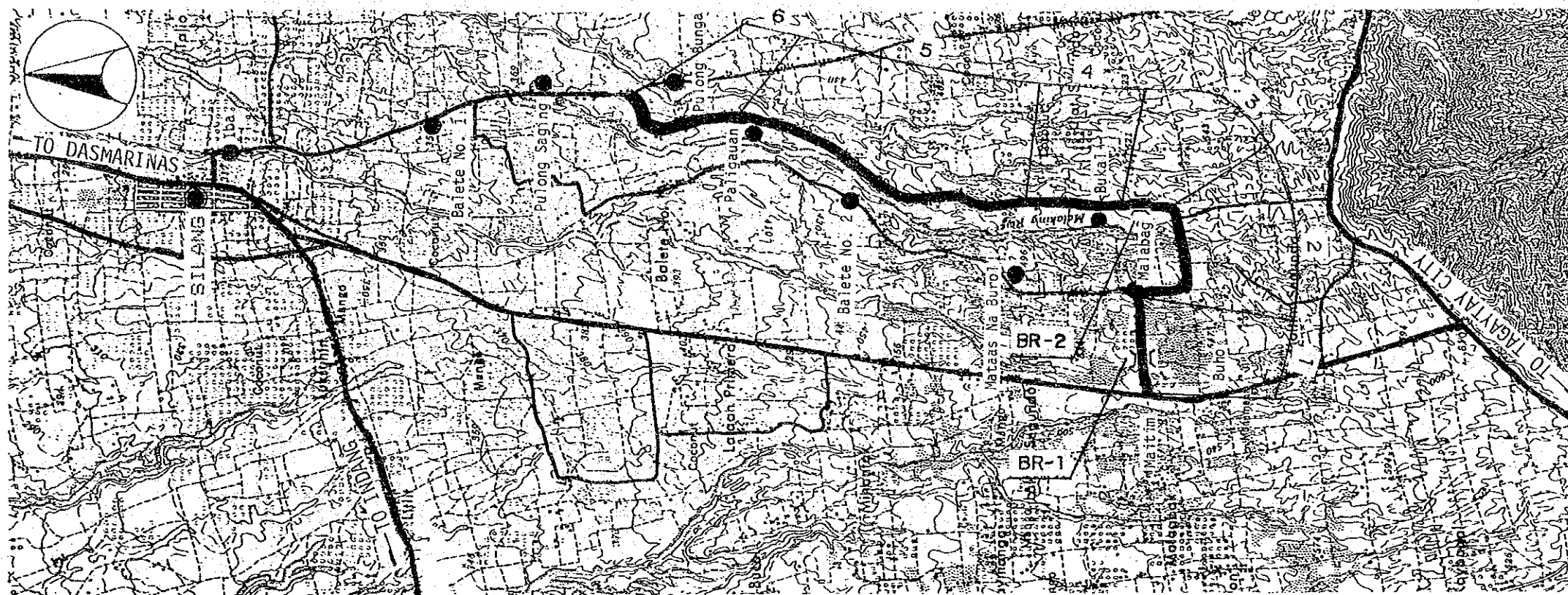
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Drawing No.  
45

Road No: P50-1

Road Name: HWAY JCT. SILANG MALABAG

Location : SILANG, CAVITE



Road Classification	Minor Road (Provincial Road)					
Total Length	7.5 km					
Sub-section No.	1	2	3	4	5	6
Length (km)	.9	1.3	.5	.9	2.9	1.0
Terrain	Rolling	Rolling	Rolling	Rolling	Flat	Rolling
Existing Road Surface	4.0-PCC (Fair)	5.5-EAR (V.Bad)	4.0-EAR (V.Bad)	4.6-EAR (V.Bad)	4.0-EAR (V.Bad)	4.5-EAR (V.Bad)
Proposed Improvement	Widening	Impr.-1	Impr.-1	Impr.-1	Impr.-1	Impr.-1
Improvement Type						
Surface Type	PCC	Gravel	Gravel	Gravel	Gravel	Gravel
Carriageway Width(m)	6.0	6.0	6.0	6.0	6.0	6.0
Shoulder Width (m)	1.0	.5	.5	.5	1.0	.5
Ref. Typical Section	TYPE 4-1	TYPE 2-8	TYPE 2-8	TYPE 2-8	TYPE 2-8	TYPE 2-8
Bridge No.	BR-1	BR-2				
Existing Type	Timber	Timber				
Length (m)	4	15				
Proposed Type	2Lane-Br	2Lane-Br				
Length (m)	5	15				
No. of Spans	1	1				



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

PRESENT CONDITION AND PROPOSED IMPROVEMENT

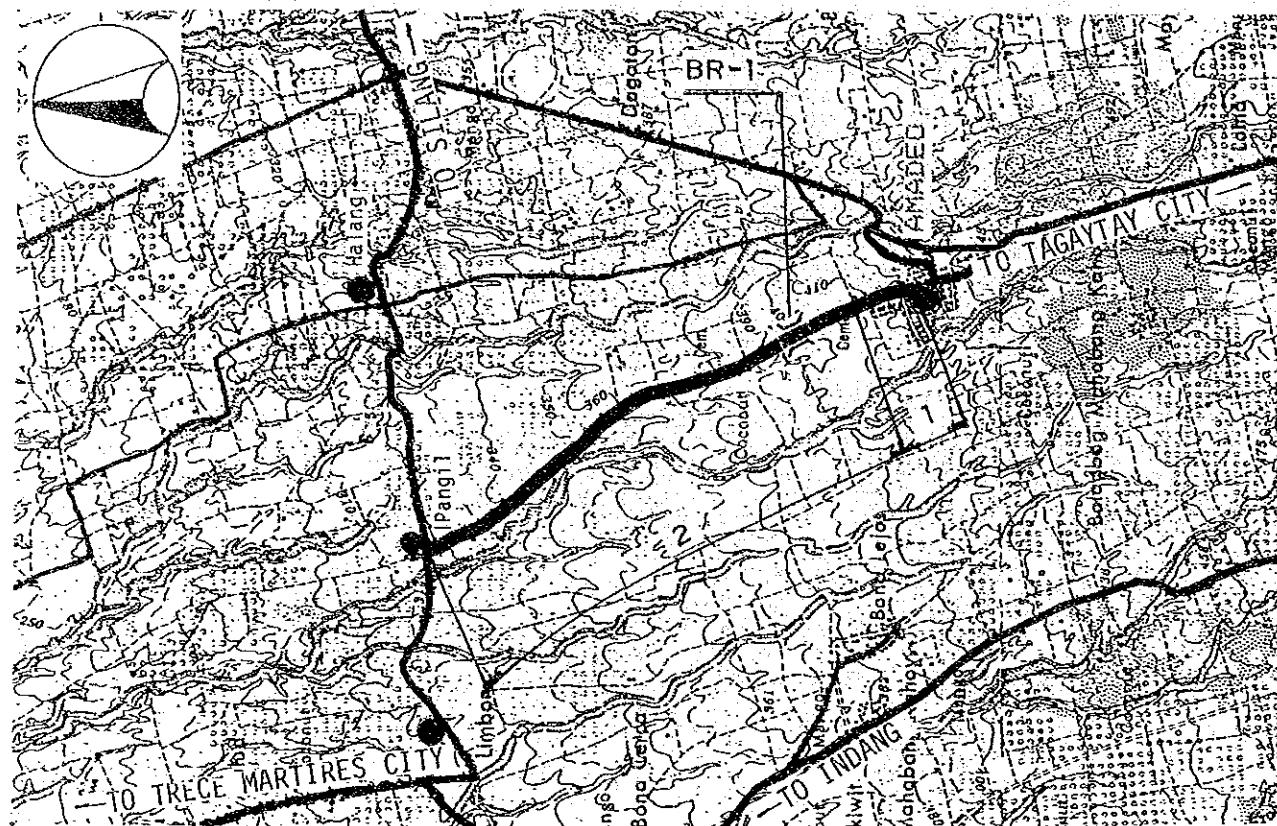
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Drawing No.  
48

Road No: P53-1

Road Name: AMADEO - PANGIL

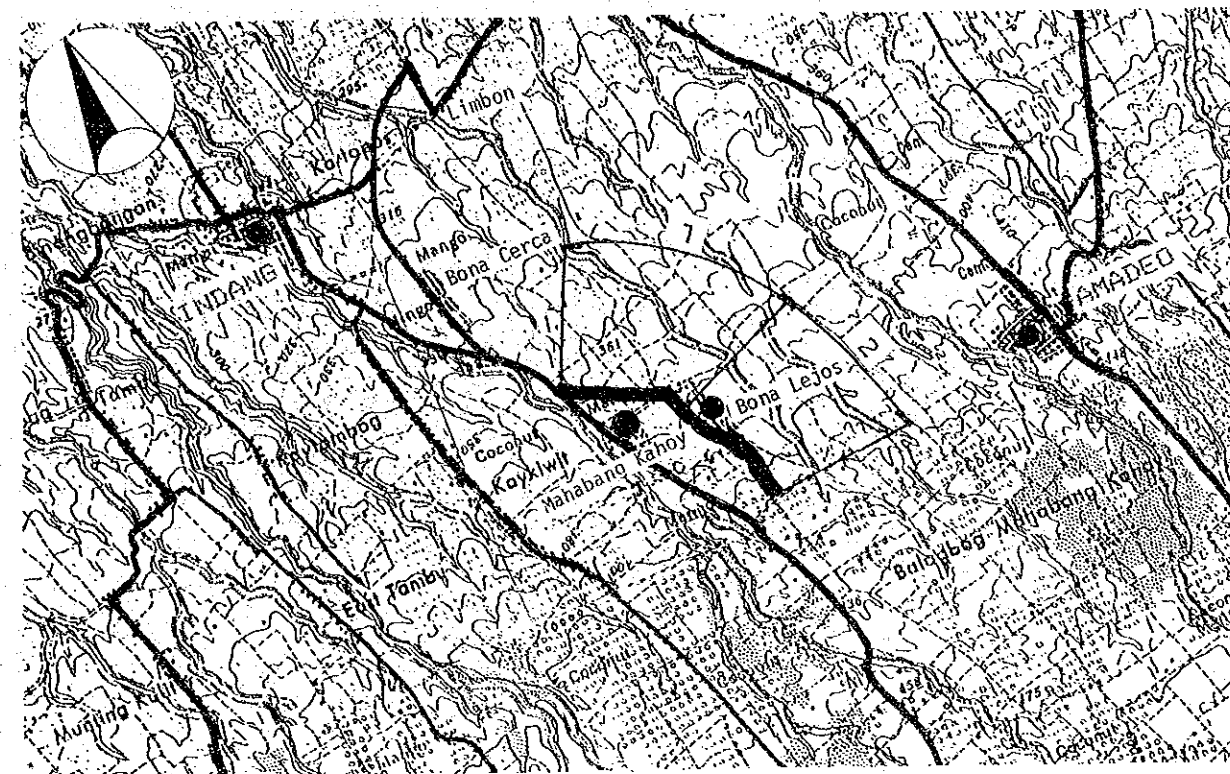
Location : AMADEO, CAVITE



Road No: P54-1

Road Name: INDANG- AMADEO VIA BONA LEJOS

Location : INDANG & AMADEO, CAVITE



Road Classification	Minor Road (Provincial Road)	
Total Length	3.8 km	
Sub-section No.	1	2
Length (km)	.4	3.4
Terrain	Rolling	Rolling
Existing Road Surface	4.0-PCC (Fair)	5.5-GRV (V.Bad)
Proposed Improvement		
Improvement Type	-	Impr.-1
Surface Type	-	* BMP
Carriageway Width(m)	-	6.0
Shoulder Width (m)	-	1.0
Ref. Typical Section	TYPE 2-4	
Bridge No.	BR-1	
Existing Type	Timber	
Length (m)	5	
Proposed Type	2Lane-Br	
Length (m)	5	
No. of Spans	1	

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

Road Classification	Minor Road (Provincial Road)	
Total Length	1.8 km	
Sub-section No.	1	2
Length (km)	.9	.9
Terrain	Rolling	Rolling
Existing Road Surface	6.0-EAR (Bad)	5.0-EAR (V.Bad)
Proposed Improvement		
Improvement Type	Impr.-1	Impr.-1
Surface Type	Gravel	Gravel
Carriageway Width(m)	6.0	6.0
Shoulder Width (m)	.5	.5
Ref. Typical Section	TYPE 2-8	TYPE 2-8

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

PRESENT CONDITION AND PROPOSED IMPROVEMENT

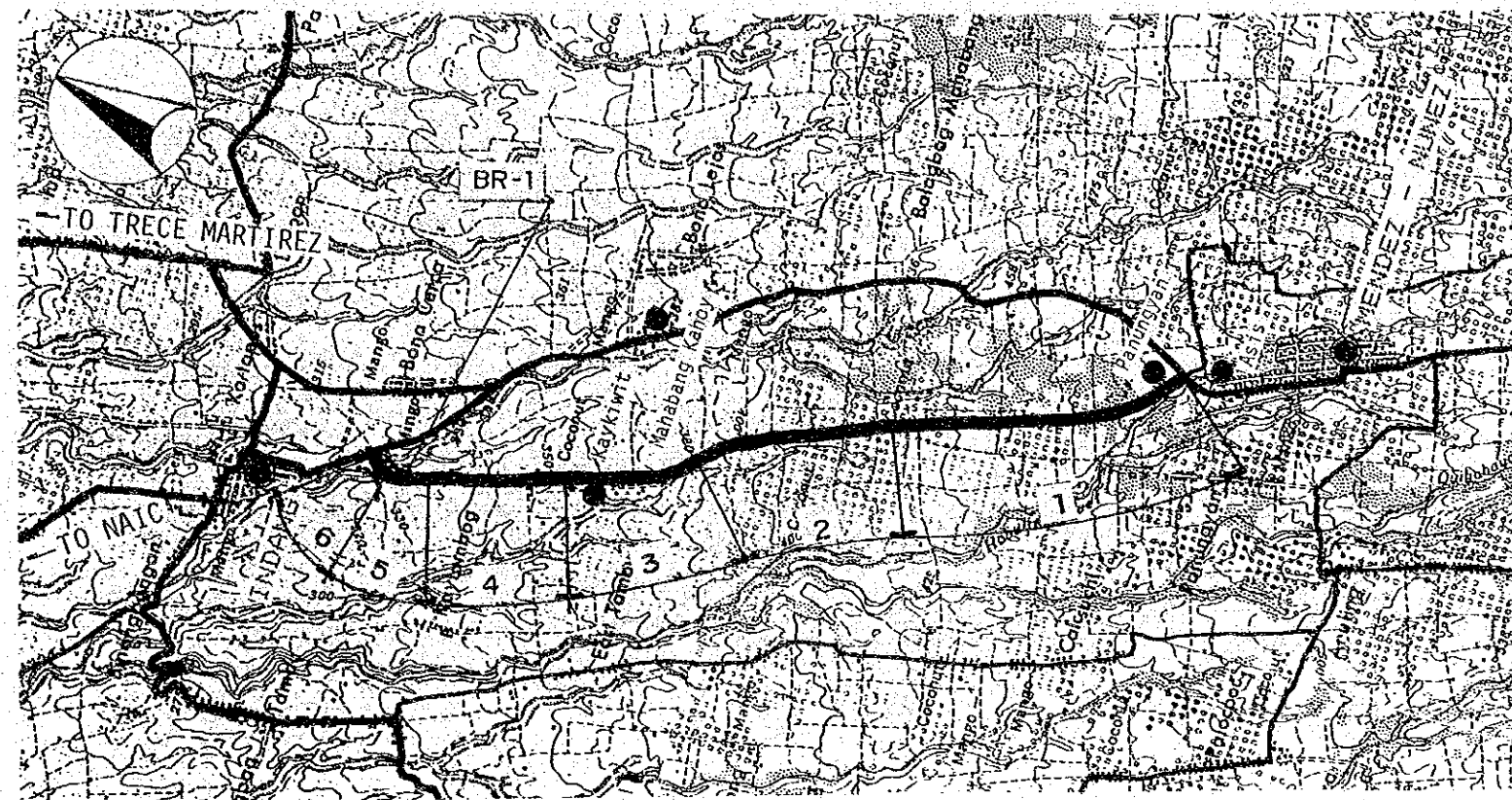
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Drawing No.  
47

Road No: P55-1

Road Name: INDANG-MENDEZ VIA KAYQUIT

Location : INDANG & MENDEZ, CAVITE



Road Classification	Minor Road (Provincial Road)					
Total Length	6.5 km					
Sub-section No.	1	2	3	4	5	6
Length (km)	2.3	1.7	.9	1.0	.3	.3
Terrain	Rolling	Rolling	Rolling	Rolling	Rolling	Rolling
Existing Road Surface	4.0-EAR (Bad)	3.2-EAR (V.Bad)	6.0-GRV (Bad)	7.0-BTM (V.Bad)	4.0-PCC (Fair)	6.0-GRV (Bad)
Proposed Improvement	Impr.-1	Impr.-1	Rehabil.	Rehabil.	-	Impr.-1
Improvement Type	Gravel	Gravel	Gravel	* BMP	-	* BMP
Surface Type	6.0	6.0	6.0	6.0	-	6.0
Carriageway Width(m)	.5	.5	.5	1.0	-	1.0
Shoulder Width (m)	TYPE 2-8		TYPE 1-6	TYPE 1-5	TYPE 2-4	
Ref. Typical Section						
Bridge No.	BR-1					
Existing Type	Others					
Length (m)	20					
Proposed Type	-					
Length (m)	-					
No. of Spans	-					

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

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

PRESENT CONDITION AND PROPOSED IMPROVEMENT

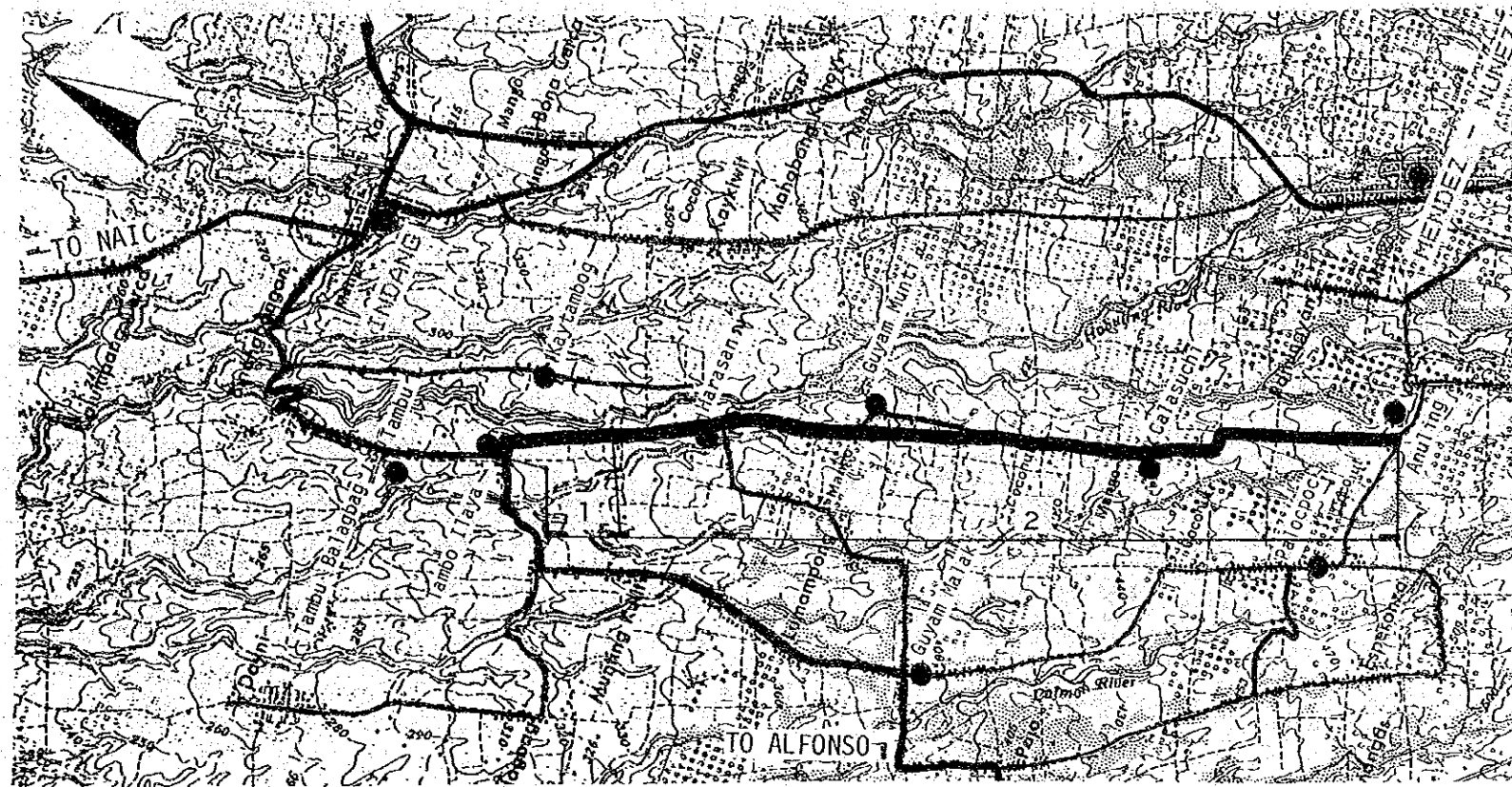
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Drawing No.  
48

Road No: P57-1

Road Name: TAMBO-KARASUCHI-PALOCPOC

Location : INDANG & MENDEZ, CAVITE



Road Classification	Minor Road (Provincial Road)	
Total Length	7.0 km	
Sub-section No.	1	2
Length (km)	.8	6.2
Terrain	Rolling	Rolling
Existing Road Surface	3.2-EAR (V.Bad)	6.0-GRV (V.Bad)
Proposed Improvement	Impr.-1	Rehabil.
Improvement Type	Gravel	Gravel
Surface Type	6.0	6.0
Carriageway Width(m)	.5	.5
Shoulder Width (m)	TYPE 2-8	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**

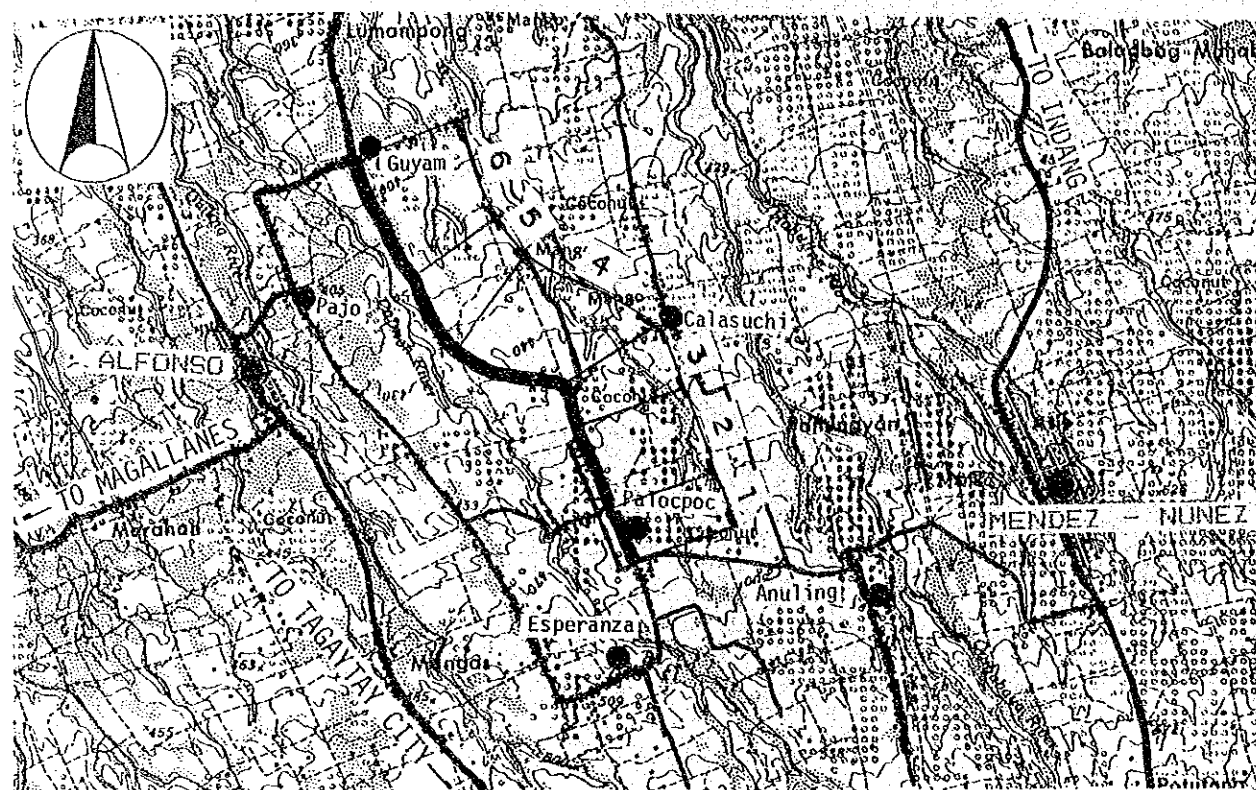
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Drawing No.  
49

Road No: P58-1

Road Name: GUYAM-PALOCPOC

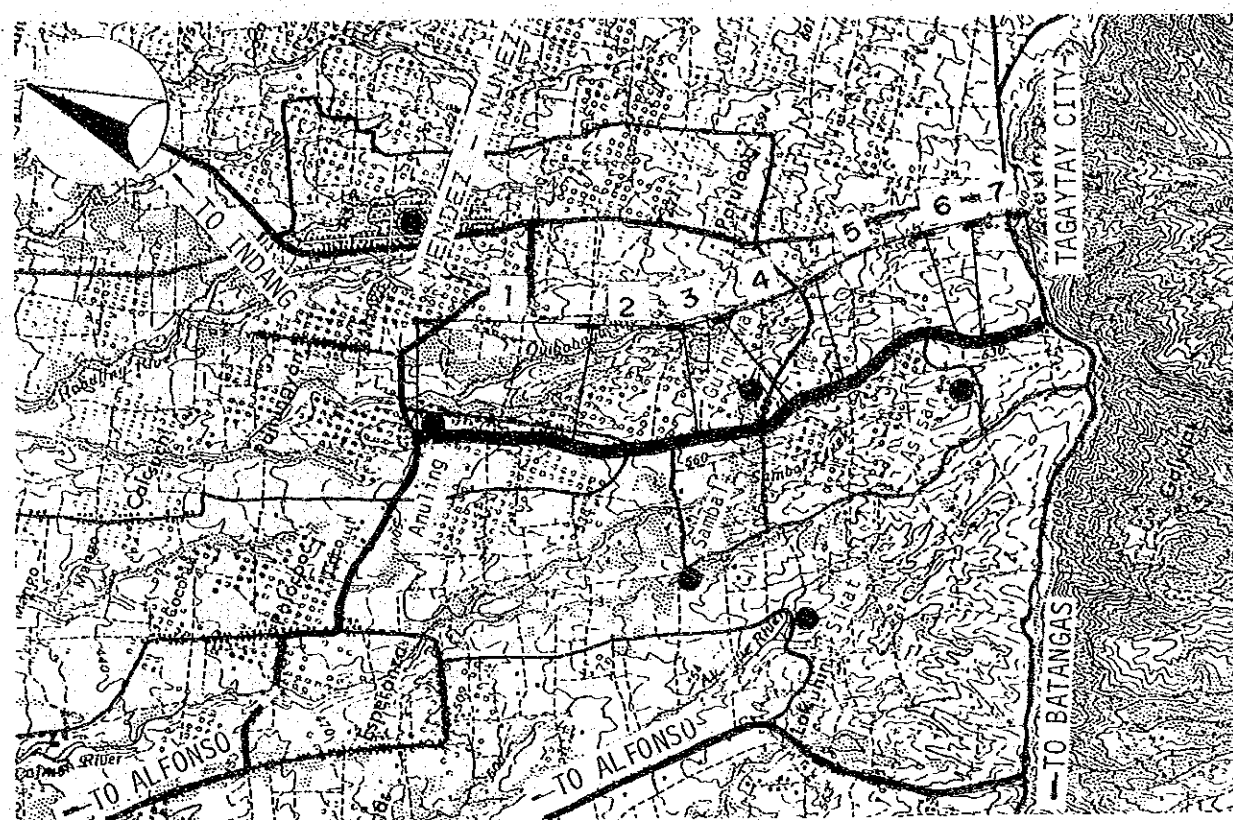
Location : MENDEZ-NUNEZ, CAVITE



Road No: P60-1

Road Name: ANULING-TAGAYTAY

Location : MENDEZ & TAGAYTAY CITY, CAVITE



Road Classification	Minor Road (Provincial Road)					
Total Length	3.5 km					
Sub-section No.	1	2	3	4	5	6
Length (km)	.4	.6	.2	.9	.5	.9
Terrain	Rolling	Rolling	Rolling	Rolling	Rolling	Rolling
Existing Road Surface	6.0-PCC (Fair)	6.0-GRV (Bad)	6.0-PCC (Fair)	3.6-GRV (Bad)	2.4-EAR (Bad)	4.0-EAR (Bad)
Proposed Improvement						
Improvement Type	-	Rehabil.	-	Rehabil.	Impr.-1	Impr.-1
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

Road Classification	Minor Road (Provincial Road)						
Total Length	4.9 km						
Sub-section No.	1	2	3	4	5	6	7
Length (km)	1.0	1.0	.6	.5	.9	.2	.7
Terrain	Mt'nous	Rolling	Rolling	Rolling	Rolling	Rolling	Rolling
Existing Road Surface	4.0-BTM (Bad)	3.5-BTM (Bad)	3.5-BTM (Bad)	3.5-BTM (Bad)	5.0-GRV (V.Bad)	5.0-PCC (Fair)	5.0-GRV (V.Bad)
Proposed Improvement							
Improvement Type	Rehabil.	Rehabil.	Rehabil.	Rehabil.	Impr.-1	-	Impr.-1
Surface Type	* BMP	* BMP	* BMP	* BMP	* BMP	-	* BMP
Carriageway Width(m)	6.0	6.0	6.0	6.0	6.0	-	6.0
Shoulder Width (m)	1.0	1.0	1.0	1.0	1.0	-	1.0
Ref. Typical Section	TYPE 1-5	TYPE 1-5	TYPE 1-5	TYPE 1-5	TYPE 2-4	-	TYPE 2-4

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