



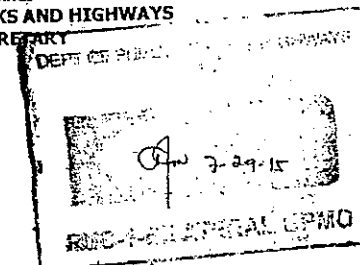
Japan International  
Cooperation Agency



JAPAN  
Official Development  
Assistance



Republic of the Philippines  
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS  
OFFICE OF THE SECRETARY  
Manila



July 28, 2015

MEMORANDUM

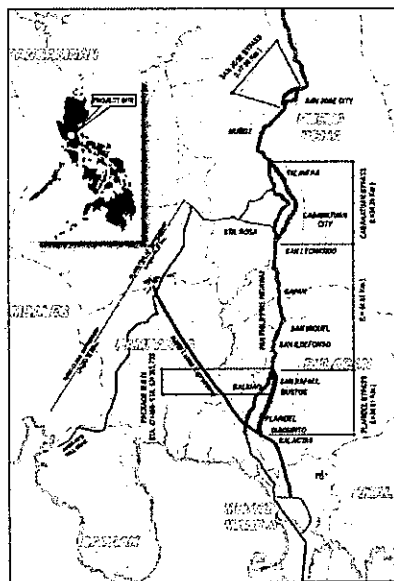
FOR : VIRGILIO C. CASTILLO  
Project Director, Roads Management Cluster 1 (Bilateral) - UPMO

SUBJECT : Resettlement Action Plan (RAP) Report for Plaridel Bypass Road  
Project (Contract Package III & IV)

ARTERIAL ROAD BYPASS PROJECT, PHASE II  
Plaridel Bypass Road Project, Phase II

(Contract Packages III & IV)

RESETTLEMENT ACTION PLAN (RAP)



Main Text

JULY 2015

This has reference to your Memorandum dated July 13, 2015 requesting this Office to conform the comments, suggestions and/or recommendations as contained in the Memorandum dated June 8, 2015 on the Resettlement Action Plan (RAP) Report for Plaridel Bypass Road Project (Contract Package III & IV) submitted by the consultant.

After thorough review of the re-submitted Resettlement Action Plan for the abovementioned project, this Office found the report in accordance to the Department's Policy on Right-of-Way Acquisition.

Further, please be advised to provide a copy of this report to the District Engineering Offices concerned to facilitate the implementation of the RAP report.

For your information and appropriate action.

CONSTANTE A. LLANES JR.  
Director, Planning Service

End: Memorandum dated July 13, 2015  
Memorandum dated June 8, 2015

4.1.4 MMBQ/LDMC/RBdR



Republic of the Philippines  
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS  
ROADS MANAGEMENT CLUSTER 1 – UPMO  
2<sup>nd</sup> Street, Port Area, Manila

TABLE OF CONTENTS

TABLE OF CONTENTS		i
LIST OF TABLES		iii
LIST OF ANNEXES		iv
ACRONYMS AND ABBREVIATIONS		v
PROJECT LOCATION MAP		vi
EXECUTIVE SUMMARY		ES - 1-3
	BACKGROUND OF THE PROJECT	
	OBJECTIVES OF THE PROJECT	
	PROJECT COMPONENTS/ SCOPE OF WORK	
	DESCRIPTION OF THE PROJECT	
	IMPLEMENTATION SCHEDULE	
	PROJECT IMPACTS	
	TOTAL COMPENSATION COST/ FUND REQUIREMENT	
CHAPTER 1	INTRODUCTION	
	1.1 OBJECTIVES	1 - 1
	1.2 METHODOLOGY	1 - 1
	1.3 PROJECT COMPONENTS/ SCOPE OF WORK	1 - 3
CHAPTER 2	LEGAL FRAMEWORK	
	2.1 BASIC NATIONAL POLICY	2 - 1
	2.2 REPUBLIC ACT 8974 (RA 8974)	2 - 1
	2.3 OTHER APPLICABLE LAWS AND POLICIES	2 - 3
	2.4 OBJECTIVES AND PRINCIPLES OF THE INVOLUNTARY RESETTLEMENT POLICY	2 - 5
	2.5 OPERATIONAL POLICIES FOR RESETTLEMENT	2 - 5
CHAPTER 3	POLICY ON ELIGIBILITY FOR COMPENSATION AND OTHER ENTITLEMENTS	
	3.1 CRITERIA FOR ELIGIBILITY FOR COMPENSATION	3 - 1
	3.2 INDICATORS OF SEVERITY OF IMPACTS	3 - 1
	3.3 COMPENSATION PER CATEGORY OF ASSETS AFFECTED	3 - 1
	3.4 OTHER TYPES OF ASSISTANCE OR ENTITLEMENTS	3 - 3
CHAPTER 4	DESCRIPTION OF ADVERSE IMPACTS	

	4.1	PARAMETERS ON THE SEVERITY OF IMPACTS	4 - 1
	4.2	ADVERSE IMPACTS ON PROJECT AFFECTED FAMILIES (PAFs)	4 - 1
CHAPTER 5		SOCIO-ECONOMIC PROFILE OF PAFs	
	5.1	BASIC INFORMATION	5 - 1
	5.2	HOUSEHOLD STRUCTURE	5 - 3
	5.3	ACCESS TO BASIC SOCIAL SERVICES	5 - 4
	5.4	PROJECT AWARENESS	5 - 5
	5.5	TYPES OF AFFECTED STRUCTURES	5 - 5
CHAPTER 6		PUBLIC INFORMATION, CONSULTATION AND PARTICIPATION FRAMEWORK	
	6.1	PROCEEDINGS OF PUBLIC CONSULTATION MEETINGS	6 - 1
	6.2	INFORMATION CAMPAIGN ON LAND ACQUISITION	6 - 2
CHAPTER 7		ENTITLEMENT MATRIX	
	7.1	ENTITLEMENT MATRIX FOR STRUCTURES, OTHER IMPROVEMENTS AND TREES & PERENNIALS	7 - 1
	7.2	ENTITLEMENT MATRIX FOR LAND	7 - 2
CHAPTER 8		BUDGET REQUIREMENTS	
	8.1	FUNDS FOR RAP IMPLEMENTATION	8 - 1
	8.2	RESETTLEMENT COSTS	8 - 1
	8.3	PROCEDURES FOR FLOW OF FUNDS	8 - 1
	8.4	UNIT PRICES FOR COSTS ESTIMATION	8 - 1
	8.5	TOTAL RAP IMPLEMENTATION COST	8 - 4
CHAPTER 9		GRIEVANCE REDRESSAL	9 - 1
CHAPTER 10		INSTITUTIONAL ARRANGEMENT	
	10.1	THE MUNICIPAL RAP IMPLEMENTATION COMMITTEE (MRIC)	10 - 1
	10.2	THE FUNCTIONS OF THE DPWH OFFICES	10 - 2
CHAPTER 11		MONITORING MECHANISM	
	11.1	SUPERVISION AND INTERNAL MONITORING	11 - 1
	11.2	EXTERNAL MONITORING AND EVALUATION	11 - 1
	11.3	STAGES OF MONITORING	11 - 2
	11.4	REPORTING	11 - 2
	11.5	MONITORING INDICATORS	11 - 2

### LIST OF TABLES

Table 4.2-1a: Impacts on Affected Lots According to Classification per Municipality/Barangay (Contract Package III)

Table 4.2-1b: Impacts on Affected Lots According to Classification per Municipality/Barangay (Contract Package IV)

Table 5.1-1a: Educational Attainment of PAFs (Head of Family) Owning Residential Structures Severely or Marginally Affected by the Project, Cont. Package III

Table 5.1-1b: Educational Attainment of PAFs (Head of Family) Owning Residential Structures Severely or Marginally Affected by the Project, Cont. Package IV

Table 5.1-2a: Occupation of PAFs (Head of Family) Owning Residential Structures Severely or Marginally Affected by the Project, Contract Package III

Table 5.1-2b: Occupation of PAFs (Head of Family) Owning Residential Structures Severely or Marginally Affected by the Project, Contract Package IV

Table 5.2-1a: Household Size of PAFs Owning Residential Structures Severely or Marginally Affected by the Project, Contract Package III

Table 5.2-1b: Household Size of PAFs Owning Residential Structures Severely or Marginally Affected by the Project, Contract Package IV

Table 7.1: Entitlement Matrix for Structures, Improvements and Trees and Perennials

Table 7.2: Entitlement Matrix for Land

Table 8.4-1a: Estimated Costs of Compensation and Other Entitlements for PAFs with Severely or Marginally Affected Structures, Contract Package III

Table 8.4-1b: Estimated Costs of Compensation and Other Entitlements for PAFs with Severely or Marginally Affected Structures, Contract Package IV

Table 8.4-2a: Estimated Costs of Compensation for Land, Contract Package III

Table 8.4-2b: Estimated Costs of Compensation for Land, Contract Package IV

Table 8.5-1a: Summary of Total Est. RAP Implementation Cost, Contract Package III

Table 8.5-1b: Summary of Total Est. RAP Implementation Cost, Contract Package IV

### LIST OF ANNEXES

#### Volume 1:

Annex "A" *Tabulation of Lots Affected by the Road-Right-of-Way*

Annex "B" *Tabulation of Affected Structures (Residential and Minor Structures)*

Annex "C" *Tabulation of Affected Plants and Trees*

Annex "D" *PAC (Provincial Appraisal Committee) Resolutions for Affected Lots*

Annex "E" *Photographs of Affected Residential and Minor Structures*

#### Volume 2:

Annex "F" *Detailed Estimates for Affected Residential and Minor Structures*

#### Volume 3:

Annex "G" *Memorandum of Understanding for MRIC Formation*

Annex "H" *Republic Act 8974 (Full Text and Implementing Rules and Regulations)*

Annex "I" *Relevant Documents on Public Consultation Meetings*

#### Volume 4:

Annex "J" *Pledge/s of Undertaking*

#### Volume 5:

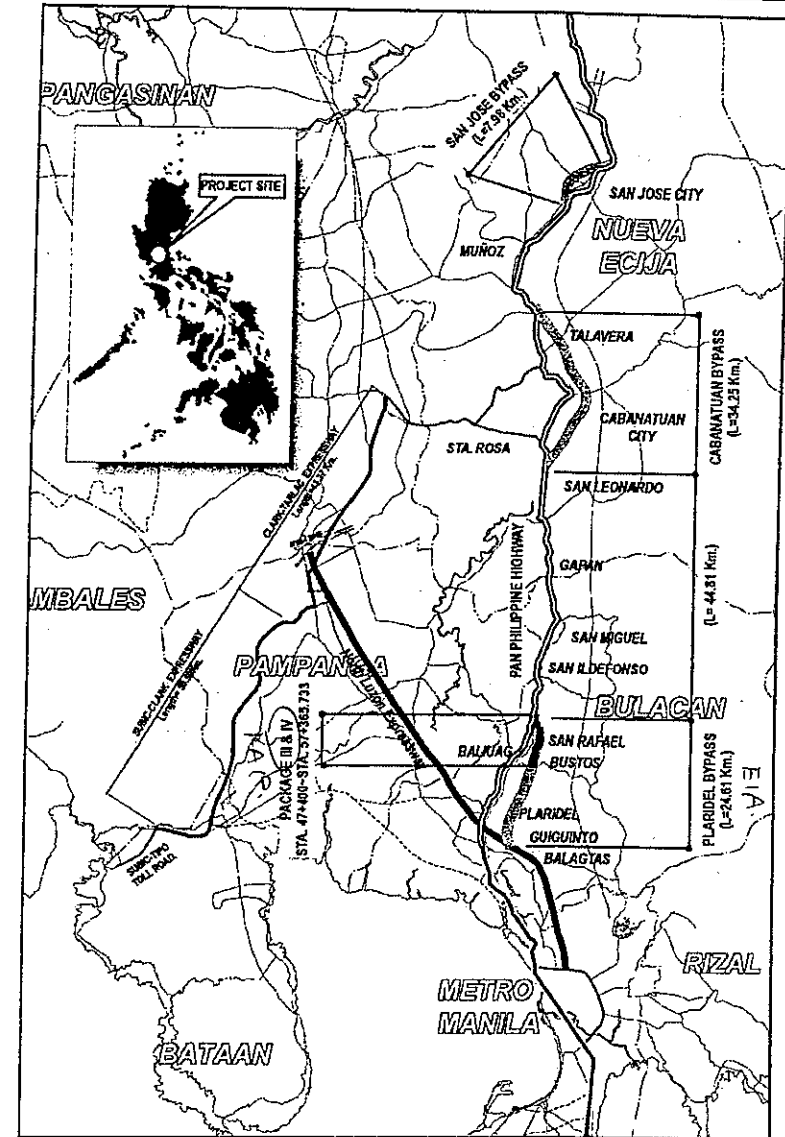
Annex "K" *Accomplished Household Survey Forms*

#### Volume 6:

Annex "L" *Tax Declarations of Affected Lots*

ACRONYMS AND ABBREVIATIONS

ADB	Asian Development Bank
AP	Affected Person
BIR	Bureau of Internal Revenue
COA	Commission on Audit
CLOAs	Certificates of Land Ownership
DEO	District Engineering Office
DBM	Department of Budget and Management
DO	Department Order
DPWH	Department of Public Works and Highways
DENR	Department of Environment and Natural Resources
EMA	External Monitoring Agent
EO	Executive Order
ESSD	Environmental and Social Safeguards Division
GOP	Government of the Philippines
Ha.	Hectare
HH	Household
IMA	Internal Monitoring Agent
IPs	Indigenous Peoples
IPRA	Indigenous Peoples' Right Act
JBIC	Japan Bank for International Cooperation
JICA	Japan International Cooperation Agency
Km	Kilometer
LARR	Land Acquisition, Resettlement and Rehabilitation
LARRIPP	Land Acquisition Resettlement Rehabilitation and Indigenous People's Policy
LGUs	Local Government Units
M	Meter
MO	Memorandum Order
MOD	Minutes of Discussion
MOU	Memorandum of Understanding
MRIC	Municipal RAP Implementation Committee
NGOs	Non-Government Organizations
NRIMP	National Road Improvement and Management Program
PAC	Provincial Appraisal Committee
PAFs	Project Affected Families
PAP	Project Affected Person
PCCP	Portland Cement Concrete Pavement
PJHL	Philippine-Japan Highway Loan
PD	Presidential Decree
POU	Pledge of Undertaking
RA	Republic Act
RAP	Resettlement Action Plan
RMC 1	Roads Management Cluster 1
RO	Regional Office
RROW	Road-Right-of-Way
Sq. M.	Square Meters
TOR	Terms of Reference
UPMO	Unified Project Management Office



PROJECT LOCATION MAP

**EXECUTIVE SUMMARY**

**Background of the Project**

The construction of Plaridel Bypass Road is under the Arterial Road Bypass Project, Phases I & II. It is located in the province of Bulacan in the central part of mainland Luzon. It will run for about 24.61 kilometers, starting from the North Luzon Expressway (Sta. 032+970.33) in the Municipality of Balagtas, passing through the municipalities of Guiguinto, Plaridel, Bustos and ends in the Municipality of San Rafael connecting to the Pan-Philippine Highway.

The bypass road project, which is divided into four (4) contract packages (CPs), is being carried out in two (2) phases. Phase I included Contract Packages I and II while Phase II includes Contract Packages III and IV.

Contract Package III starts at Sta. 47+400.00 and ends at Sta. 49+625.00 with a total length of 2.225 kilometers inclusive of the construction of two (2) bridges. Contract Package IV will start at Sta. 49+625.00 and end at Sta. 57+365.733 with a total length of 7.741 kilometers inclusive of the construction of two (2) bridges.

**Objectives of the Project**

The Philippine-Japan Friendship Highway (Pan-Philippine Highway) suffers serious traffic congestion in the urban sections, particularly in Plaridel-Pulilan-Baliwag-San Rafael Section, Bulacan, Region III. The project aims to achieve the following objectives by constructing a bypass at this Section:

- (1) To restore the road function of the PJFH which is the most important arterial road in the country;
- (2) To provide fast, cheap, safe, comfortable and reliable means of transportation; and
- (3) To mitigate serious traffic congestions at existing urban sections.

The road project will serve as alternate route to decongest the existing Pan-Philippine Highway. Likewise, it aims to promote an inter-regional linkage between Cagayan Valley Region (Region II) and Central Luzon Region (Region III).

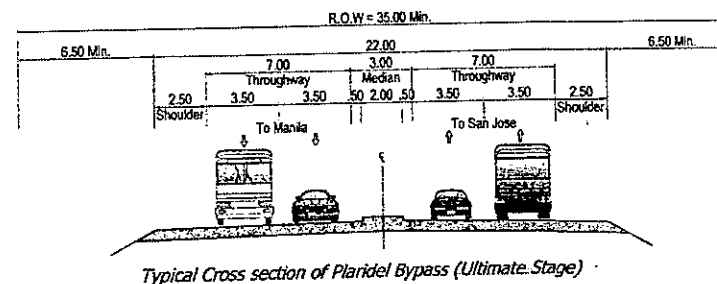
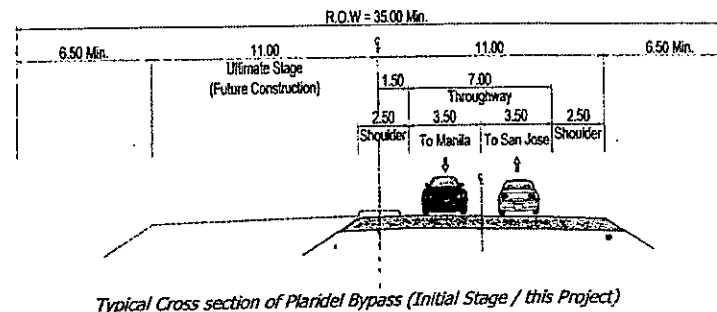
**Project Components/ Scope of Work**

The scope of this project under Phase II is shown in Table A.1. It has a length of 9.96 km with PCC pavement, 4 bridges, 33 culverts, 6 intersections and 1 underpass.

The Bypass road will be constructed with a two way – two lane road as the initial stage as shown in Figure A.1. Also shown are the images of the initial stage and additional two lanes of the final stage in the future.

**Table A.1 - The Scope of the Project**

Particulars	Package III	Package IV	Total
TOTAL LENGTH	2.22 Km	7.74 Km	9.96 Km
ROAD LENGTH	1.06 Km	7.67 Km	8.73 Km
PCC Pavement			
• Thickness	30 cm	30 cm	
• Width	7m	7m	
Number of Bridges			
• Moderate /Short	1 Br. – 40.86 l.m.	2 Brs – 67.72 l.m.	3 Brs – 108.58 l.m.
• Long Bridge	1 Br. – 1,121 l.m.	–	1 Br. – 1,121 l.m.
Number of Cross Drainage			
• RCPC	2 locations	18 locations	20 locations
• RCBC	4 locations	6 locations	10 locations
Number of Intersection			
• At-Grade	1 location	9 locations	10 locations
• Underpass	1 location	–	1 location



**Figure A.1 - Typical Cross Section/s and Sequence of Construction**

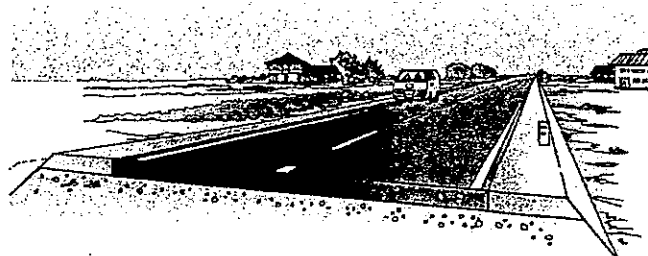


Image of Plaridel Bypass at the Initial Stage / this Project (2 Lane Road)

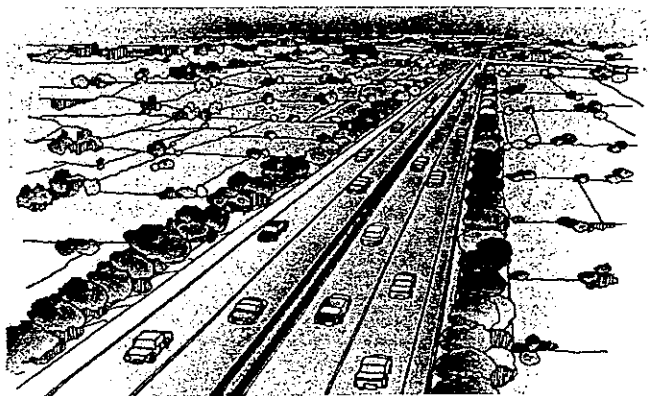


Image of Plaridel Bypass at the Final Stage (4 Lane Road)

**Description of the Project**

The construction of Plaridel Bypass Road involves a total length of 24.61 kms. and eleven (11) bridges. It traverses the vast agricultural lands of five (5) municipalities in Bulacan, namely; Balagtas, Guiguinto, Plaridel, Bustos and San Rafael. The Plaridel Bypass Road starts at Sta. 032+970.33 (Brgy. Borol in Balagtas) along the North Expressway and will connect the Maharlika Highway Sta. 057+365.733, in Brgy. Maasim, San Rafael, Bulacan. It is divided into four (4) contract packages, as follows:

- a) CP 1, Sta. 032+970.33 to Sta. 039+625  
(Length = 6.87 kms & 2.40 kms)
- b) CP 2, Sta. 039+625 to Sta. 047+400  
(Length = 7.78 kms and 7-Bridges)
- c) CP 3, Sta. 047+400 to Sta. 049+625  
(Length = 2.22 kms and 2-Bridges)
- d) CP 4, Sta. 049+625 to Sta. 057+365.733  
(Length = 7.74 kms and 2-Bridges)

**Implementation Schedule**

Contract Package III:

Contract Started – July 14, 2014

Contract Expiration – June 27, 2017

Contract Package IV:

Target Contract Start – May 08, 2015

Target Contract Expiration – June 25, 2017

**Project Impacts**

Based on the parcellary survey, DPWH validation, As-staked Survey and preparation of detailed estimates conducted, twenty-eight (28) structures would be affected by RROW for Contract Package III; twenty (20) of these are residential structures plus one (1) abandoned house, one (1) commercial structure, one (1) warehouse and 4 backyard piggery structures. Also, based on the original parcellary survey plans, a total of thirty-nine (39) plots will be affected for this segment (CP-III); seven (7) plots belong to the Republic of the Philippines and thirty-two (32) plots belong to twenty-seven (27) private owners. However, as validated from tax declarations available at the respective Assessor's Office of the municipalities of Bustos and San Rafael, seven (7) of these mother lots have already been subdivided or partitioned resulting to a new total of sixty-five (65) affected lots where only three (3) lots remain under the name of the Republic of the Philippines and are untitled but with tax declarations. Two of these three (3) lots have claimants while the other is taxed and classified as mineral lot. Five affected private lots have no tax declarations as per records/files of the Municipal Assessor's Office of Bustos. (Please refer to Annex "A" – Tabulation of Lots Affected by the Road-Right-of-Way per Barangay, Annexes (Vol.1))

On the other hand, based on the DPWH validation and detailed estimates conducted, twenty-five (25) structures would be affected by RROW for Contract Package IV; these include sixteen (16) residential structures that are all severely affected, one (1) concrete fence, one (1) nipa hut, one (1) poultry, two (2) piggery structures, one (1) water station, one (1) steel gate/fence, one (1) solar drier and one gasoline station (Please refer to Annex "B" - Tabulation of Affected Structures, Annexes (Vol.)). Consequently, based on the original parcellary survey plans ninety-one (91) lots will be affected for this segment; eight (8) lots belong to the Republic of the Philippines and eighty-three (83) plots belong to seventy-one (71) private owners. However, as validated from tax declarations available at the Assessor's Office of the municipality of San Rafael, twenty-six (26) of these mother lots have already been subdivided or partitioned resulting to a new total of two hundred twenty-eight (228) affected lots (Please refer to Annex "A" – Tabulation of Lots Affected by the Road-Right-of-Way per Barangay, Annexes (Vol.1)).

For Contract Package III, the DENR-CENRO-Guiguinto identified/inventoried and granted permit to cut sixty-five (65) planted trees and to earth ball sixty four (64) saplings

**Resettlement Action Plan (Final Report)**  
**Plaridel Bypass Road Project, Contract Packages III & IV**  
**ARTERIAL ROAD BYPASS PROJECT, PHASE II**

of various species located within the RROW in Brgy. Bonga Menor, Bustos, Bulacan While the DENR-CENRO-San Rafael indentified/inventoried and granted permit to cut fifty-nine (59) planted trees and to earth ball two (2) Narra trees and twenty-two (22) saplings of various species located within RROW in Brgy. Tambuong, San Rafael, Bulacan. These comprise the affected trees identified/inventoried during the As-Staked Survey (Please see Annex "C" – Tabulation of Owners for Affected Plants and Trees, Annexes (Vol. 1)). For Contract Package IV, about four hundred and fifty-five (455) trees and about 598 linear meters of CHB fence were found to be affected for Contact Package IV as per parcellary survey. The identification/inventory of the affected trees will be finalized during the As-Staked Survey and the DPWH thru the Contractor will subsequently apply to the concerned DENR-CENRO (CENRO-San Rafael) for corresponding permit to cut planted trees and earth –ball saplings.

No Indigenous Peoples (IPs) were identified during the conduct of the survey as being affected by the proposed project. However, several highly vulnerable (very poor) PAFs were identified to be affected mostly located in Brgy. Bonga Menor Bustos, Bulacan and Brgy. Caingin, San Rafael, Bulacan.

**Total Compensation Cost/ Fund Requirement**

**Contract Package III:**

Description	No.	Amount (Php)	Remarks
Land	65	51,027,918.94	Subject for Validation ✓
Residential & Minor Structures	6	708,669.92	1 <sup>st</sup> DEO
	22	18,183,399.96	2 <sup>nd</sup> DEO
Other Improvements	-	-	
Other Entitlements:			
a. Income Loss		3,000.00	1 <sup>st</sup> DEO
b. Income Loss		15,000.00	2 <sup>nd</sup> DEO
Rehabilitation Assistance			Training of Skills for all Head/s of Household/s owning and/or living on residential structures severely affected by the Project (Php 15,000 per HH).
		75,000.00	1 <sup>st</sup> DEO
		225,000.00	2 <sup>nd</sup> DEO
Disturbance Allowance		50,000.00	1 <sup>st</sup> DEO
		150,000.00	2 <sup>nd</sup> DEO
Transportation Allowance		-	If relocating, PAFs will be provided free transportation.
Plants and Trees		227,190.00	1 <sup>st</sup> DEO
		261,096.20	2 <sup>nd</sup> DEO
<b>Sub-Total</b>		<b>70,926,275.02</b>	
<b>5% Management &amp; Contingencies</b>		<b>3,546,313.75</b>	
<b>Total</b>		<b>74,472,588.77</b>	<b>CP-III</b>

**Resettlement Action Plan (Final Report)**  
**Plaridel Bypass Road Project, Contract Packages III & IV**  
**ARTERIAL ROAD BYPASS PROJECT, PHASE II**

**Contract Package IV:**

Description	No.	Amount (Php)	Remarks
Land	228	143,272,226.26	Subject for Validation
Residential & Minor Structures	25	10,955,768.13	2 <sup>nd</sup> DEO
Other Improvements	-	-	
Other Entitlements			
Income Loss		3,000.00	2 <sup>nd</sup> DEO
Rehabilitation Assistance		255,000.00	Training of Skills for all Head/s of Household/s owning and/or living on residential structures severely affected by the Project (Php 15,000 per HH).
Disturbance Allowance		170,000.00	Php 10,000 per HH
Transportation Allowance		-	If relocating, PAFs will be provided free transportation.
Plants and Trees		-	100% Tree Inventory will be undertaken during the As-Staked Survey. Funds for payment of affected trees are also provided to the concerned DEO by the RMC 1-UPMO.
<b>Sub-Total</b>		<b>154,655,994.39</b>	
<b>5% Management &amp; Contingencies Cost</b>		<b>7,732,799.72</b>	
<b>Total</b>		<b>162,388,794.11</b>	<b>CP-IV</b>

As shown in the first table above, estimated total cost of compensation for affected lots (agricultural and residential), residential and minor structures and other entitlements for Contract Package III amounts to PhP 74,472,588.77 including management and contingencies costs (Please refer to Table 8.5-1a). On the other hand, as shown in the second table above, the estimated total cost of compensation for affected lots (agricultural and residential), residential and minor structures and other entitlements for Contract Package IV amounts to PhP 162,388,794.11 including management and contingencies costs (Please refer to Table 8.5-1b).

Hence, estimated total cost of compensation for affected lots (agricultural and residential), residential and minor structures and other entitlements due to RROW acquisition for Contract Packages III & IV is approximately PhP 236,861,382.88 including management and contingencies costs.

## CHAPTER 1

### INTRODUCTION

The preparation of this Resettlement Action Plan (RAP) for land, structures and other improvements is in conjunction with the DPWH Land Acquisition Resettlement Rehabilitation and Indigenous People's (LARRIP) Policy. Said policy applies to all projects that will be implemented under the Japan International Cooperation Agency (JICA formerly JBIC) financing loan, PH-P236 and PH-P250.

#### 1.1 OBJECTIVES

The objectives of this Resettlement Action Plan for Contract Packages III & IV are as follows:

- To determine the number of Project Affected Families (PAFs) and properties/assets affected by the project;
- To identify the extent of impacts of the project on their properties/assets and the measures to mitigate these impacts;
- To assume the compensation and entitlements to the PAFs for their affected properties/assets;
- To assume/approximate the budget estimate for compensation and entitlements, relocation and resettlement, information dissemination, public consultation, monitoring and other activities for the RAP implementation;
- To provide the timetable, manner of payment and institutional arrangements for RAP implementation; and
- To ensure public participation in the implementation and monitoring of the RAP.

#### 1.2 METHODOLOGY

##### a. Orientation of District Engineering Office (DEO) Representatives

The Environmental and Social Safeguards Division (ESSD) (formerly Environmental and Social Services Office (ESSO)) staff together with representatives from the Consultant conducted orientations and briefings with the Bulacan 1<sup>st</sup> and 2<sup>nd</sup> DEOs prior to the conduct of public consultations and socio-economic survey and estimates of affected properties.

The RAP Team was organized composed of concerned DEO/s, RMC 1 (UPMO) (formerly PJHL-PMO), ESSD and Consultant's representatives. Orientation meetings led by the RAP Team were held prior to the conduct of computation of just compensation for affected structures and land.

##### b. Coordination Meetings with the Local Government Units (LGUs)

The RAP team presented to the Local Government Units (LGUs) the major features of the final design of the proposed bypass road project (CPs III & IV) as

well as the activities for the preparation of the RAP Report. The meetings were designed to inform the LGUs regarding the Land Acquisition Resettlement, Rehabilitation and Indigenous People (LARRIP) Policy as per Republic Act (RA) 8974 entitled "An Act to Facilitate the Acquisition of Right-Of-Way, Site or Locations for National Government Infrastructure Projects and Other Purposes" as well as the Memorandum Of Understanding between the DPWH and the LGUs and the role of the two (2) Municipal Mayors (Municipalities of Bustos and San Rafael) as members of the Municipal RAP Implementation Committee. The RAP team also advised all Barangay Chairmen along the project who are likewise members of the said committee.

The RMC 1-UPMO (PJHL-PMO) acquired Provincial Appraisal Committee (PAC) Resolutions thru the DPWH-Bulacan 1<sup>st</sup> and 2<sup>nd</sup> DEOs. The appraisal of properties located in Barangay Bonga Menor in Bustos, Bulacan and Barangays Tambubong, Caingin, Capihan, San Roque, Maguinao, Diliman 1, Mabalas-balas and Maasim, all situated in San Rafael, Bulacan was applied/adopted in the computation of just compensation for lands and other improvements such as plants and trees.

A Memorandum of Understanding (MOU) between the Department of Public Works and Highways (DPWH) and the Provincial Government of Bulacan for the formation of MRIC was also prepared and facilitated by the RAP Team.

##### c. Public Consultations

Public consultations were conducted and participated by representatives from the concerned LGUs, Non-Government Organization (NGOs) and the PAFs. The meetings were designed to inform the PAFs with respect to the Land Acquisition Resettlement Rehabilitation and Indigenous Peoples (LARRIP) Policy of the DPWH as per RA 8974, particularly on the modes and process of acquisition for affected properties, the type of compensation packages that would ensure that project affected persons would not be marginalized, once the project is implemented and other topics including the following: (i) the concept and objective of the project; (ii) definition of severe and marginal impacts; (iii) importance of tagging the structures to be affected; (iv) the need to photograph the PAFs, together with the structures and improvements to be affected; (v) conduct of census and socio-economic survey of PAFs; and (vi) the cut-off date. The team likewise informed all the participants that Municipal Resettlement Implementation Committees (MRIC's) would be created to assist the DPWH in the implementation of the RAP.

Further, the PAFs were informed that the RAP Team will also be conducting detailed measurements of affected structures and a hundred percent inventory of affected trees, crops, other perennials and other improvements after the consultations in the municipalities traversed by the project. Permissions to enter were requested from all concerned owners of private properties affected by the Road Right Of Way prior to the conduct of the surveys/ assessments/ measurements.



During the Public consultations, open forums were always held where the participants were encouraged to raise questions, issues and concerns with regards to the RAP policy.

#### d. Socio-Economic/ Inventory Survey

The socio-economic profile was collected through interviews with the PAFs together with the assessment of affected structures during the conduct of the socio-economic/ inventory survey. The PAFs subjected for profiling were those whose properties/ assets (particularly residential structures) are severely or marginally affected.

To supplement the primary data that were gathered by the RAP Team, secondary data, specifically Socio-Economic Profiles were requested from concerned LGUs (Municipalities and Barangays).

The Team utilized the Parcellary Survey & Right-of-Way Plans and Cross Sections prepared by the Consultant as framework of reference in setting the construction limits in the conduct of the socio-economic survey.

The Team determined the owner/claimant, total land area and area affected of each lot utilizing the Parcellary Survey & Right-of-Way Plans. Please refer to tabulation of affected lots.

### 1.3 PROJECT COMPONENTS/ SCOPE OF WORK

The project road is proposed for 2-lane Portland Cement Concrete Pavement (PCCP) with a thickness of 300 mm. on a carriageway width of 6.70 m and 2.50 m. gravel shoulders on both sides for the initial stage.

#### 1.3.1 The Project Phase I :

##### Priority Contract Packages under JICA Loan No. PH-P236 as Revised

##### ➤ *Contract Package I of Plaridel Bypass Road*

The completed road starts at Sta. 32+970.33 at North Luzon Expressway in Brgy. Borol, Balagtas, Bulacan and ends at Sta. 39+625 in Brgy. Bulihan, Plaridel with a length of 6.87 km. The completed road involved the construction of the following major works:

- a) Construction of 7.00m wide of 300mm thick PCC pavement at Main Bypass Road and 6.70m wide of 230mm thick PCC pavement at Access Road on aggregate subbase course and built-up embankment.
- b) Drainage system and slope protection works.
- c) Construction of an Interchange between North Luzon Expressway (NLEX) and Plaridel Bypass Road, with a PSC Bridge of concrete bored piles and AASHTO Girders superstructure. It includes the construction of Toll Gates and its facilities such as Administration Building, Power House, Pump House, and others.

- d) Construction of six (6) At-Grade Intersections and two (2) underpass of R.C. box type structure as farm crossings.
- e) Miscellaneous structures and construction/relocation of transmission towers/steel post of NGCP power lines, and other public utilities.

##### ➤ *Contract Package II of Plaridel Bypass Road*

The completed road bypass section covering of about 7.78 kilometers starts at Sta. 39+625.00 (end of CP I) Bulihan, Plaridel and ends at Sta. 47+400.00 in Brgy. Bonga Menor, Bustos, Bulacan. It includes the construction of seven (7) new bridges, drainage facilities, slope protection works and furnishing of miscellaneous items. The following are the major works:

- a) Construction of new 300 mm thick Portland Cement Concrete Pavement (PCCP) on Cement Treated Base (200mm thick) and built-up embankment. Roadway width is 7.00m and 2.5m wide gravel shoulder (both sides).
- b) Construction of new seven (7) short span bridges (total length of 241 meters).
- c) Construction drainage systems and slope protection works.
- d) Miscellaneous structures/appurtenances and others (traffic lights at road intersection).

**The Project Phase I (Packages I and II) has already been completed and opened to traffic.**

#### 1.3.2 The Project Phase II :

##### Remaining Contract Packages under JICA Loan No. PH-P250

The proposed bypass road section starts at Sta.47+400.00 (end of CP II) in Brgy. Bonga Menor, Bustos, Bulacan and ends at Sta.57+366.00 in Brgy Maasim, San Rafael, Bulacan with a total length of 9.97 km.

The following are the scope of work:

##### 1) Road Construction:

- a) Earthworks consisting of clearing and grubbing, removal of existing PCC Pavement, unsuitable excavation, structure excavation, embankment (built-up), subgrade preparation and aggregate sub-base course.
- b) Construction of new Portland Cement Concrete Pavement (PCCP) with thickness of 300mm, with a roadway width of 7.00m with 2.5m wide shoulder.

##### 2) Bridge Construction:

- a) Construction of Angat Bridge (Bridge No. 8) with a total length of 1,120.70 meters and a carriageway of 8.25 meters with the following details:

Main Span: Seven (7) Span Prestressed Concrete Continuous Box Girder to be erected by Balance Cantilever Method (L=400.00 meters).

Side Span: Twenty Four (24) Span Connected Continuous AASHTO P.C. Girders on Oval Type Piers.

Foundation (Bored Piles):

16 - 1000mm diameter, L=27m & 29.50m

132 - 1200mm diameter, L=20m & 22m

66 - 1500mm diameter, L=21m

River Training & Riverbank Protection Works: Abutment, river pipe protection works and trimming of river channel (Concrete Blocks, Rubble Concrete, Steel Sheet Piling and Gabions).

- b) Construction of 3 short Bridges with a total length of 108.58 meters and carriageway of 10 meters. Substructure shall be of Precast Concrete Piles and superstructure of Precast Prestressed Concrete AASHTO Girders.
- 3) Construction/improvement of 6-At-Grade intersections
- 4) Construction of 1 Farm Crossing (R.C. Box) underpass
- 5) Drainage and Slope Protection Structures
- 6) Miscellaneous Structures
- Installation of kilometer posts, maintenance marker posts, metal beam guardrail, road signs, pavement markings, etc.
  - Hydro-seeding as erosion slope protection; and
  - Application of reflectorized thermoplastic pavement markings
- 7) Relocation of existing power transmission lines and other public utilities.

The project is under the jurisdiction of DPWH Regional Office III and the Bulacan 1<sup>st</sup> (for the municipality Bustos) and Bulacan 2<sup>nd</sup> (for the municipality of San Rafael) District Engineering Offices (DEOs). The DEOs will be responsible for the issuance of Possession of Sites to the Contractor, subject to the full implementation and compliance to the Resettlement Action Plan (RAP). Implementation of civil works will be under the supervision of RMC 1-UPMO (PJHL-PMO) thru the Construction Supervision Consultants.

## CHAPTER 2

### LEGAL FRAMEWORK

The policy framework within which the Resettlement Action Plan was prepared and to be implemented is derived from the Constitution, Republic Act (RA) 8974, Applicable Laws and the Resettlement Policy of the Department. These basic policies are enumerated in the following sections of this chapter.

The first Land Acquisition, Resettlement and Rehabilitation (LARR) Policy was formulated in 1999 specifically for the National Road Improvement and Management Program (NRIMP) Phase 1, World Bank assisted project. Thereafter, the LARR Policy of 1999 was adopted, with some modifications in pursuance to prevailing laws and policies, by other financing institutions such as the Asian Development Bank (ADB) and JICA in their projects.

A second edition of the LARR Policy was formulated in 2004 for projects under the Sixth Road Project. To some extent the ADB LARR Policy was applied to Japan Bank for International Cooperation (JBIC now JICA) funded projects.

To ensure uniformity of standards in the Resettlement Planning, a revised LARR Policy, 3<sup>rd</sup> edition, was formulated. This third edition of the policy now contains the Department's Indigenous Peoples' Policy, based on the Indigenous Peoples' Right Act (IPRA) and NCIP Administrative Order No. 1, series of 2006 or the Free and Prior Informed Consent Guidelines of 2006.

The 3<sup>rd</sup> edition, now called the Land Acquisition, Resettlement, Rehabilitation and Indigenous Peoples' Policy or LARRIPP shall provide guidance to those preparing RAPs and safeguards instrument for Indigenous Peoples (IPs) affected by infrastructure projects implemented by the DPWH, whether foreign or locally funded.

This policy includes the principles and objectives of the involuntary resettlement policy, the legal framework, eligibility, compensation and entitlements, the indigenous peoples' policy framework, implementation procedures that ensure complaints are processed, public support and participation, and the provision of internal and external monitoring of the implementation of the RAP and safeguard instrument for IPs.

#### 2.1 BASIC NATIONAL POLICY

The overall objective of this RAP Policy is anchored on the Bill of Rights of the Constitution of the Republic of the Philippines.

**Article III Section 9:** Private property shall not be taken for public use without "just compensation".

**2.2 REPUBLIC ACT 8974 - An Act to Facilitate the Acquisition of Right-Of-Way (ROW), Site or Location for National Government Infrastructure Projects, a law that was signed and took effect in November 2000.**

- 1) RA 8974 provides the different basis for land valuation for the following modes of acquisition, negotiated sale and expropriation.

- 2) The Implementing Rules and Regulations of this law state that the Implementing Agency shall negotiate with the owner for the purchase of the property by offering first the current zonal value issued by the Bureau of Internal Revenue for the area where the private property is located.
- 3) The law also states that valuation of the improvements and/or structures on the land to be acquired shall be based on the replacement cost which is defined as the amount necessary to replace the structure or improvement based on the current market prices for materials, equipment, labor, contractor's profit and overhead, and all other attendant costs associated with the acquisition and installation in place of the affected improvements/installation.
- 4) **Methods of Negotiation.** Under the law, there are different modes of acquiring title to, and ownership of, private property particularly real estate property, as well as the modes of acquiring right to use private property for another purpose. RA 8974 specifies the following methods: Donation, Quit Claim, Exchange or Barter, Negotiated Sale or Purchase, Expropriation and any other modes of acquisition authorized by law. For the full text of RA 8974 and its Implementing Rules and Regulations (IRR) please see Annex "G".
- 5) **Zonal value as the first offer.** In case the mode of acquisition is through a negotiated sale, the first offer shall be the zonal value of the particular land where the property is located, issued by the Bureau of Internal Revenue. In case the owner rejects the first offer, the Department shall renegotiate using the values recommended by the Appraisal Committee or Independent Land Appraiser.
- 6) **Standards to determine market value.** Negotiated sale between DPWH and the PAF based on the following standards to determine the market value:
  - o The classification and use for which the property is suited;
  - o The development costs for improving the land;
  - o The value declared by the owners;
  - o The current selling price of similar lands in the vicinity;
  - o The reasonable disturbance compensation for the removal and/or demolition of certain improvements on the land and for the value for improvements thereon;
  - o The size, shape and location, tax declaration and zonal valuation of the land;
  - o The price of the land as manifested in the ocular findings, oral as well as documentary evidence presented; and
  - o Such facts and events as to enable the affected property owners to have sufficient funds to acquire similarly-situated lands of approximate areas as those required from them by the government, and thereby rehabilitate themselves as early as possible.
- 7) **Quit Claim.** A quit claim instrument is required to be executed by owners of lands acquired under the Public Land Act because of the reservation made in the issuance of patents or titles thereto. In other words, even if the title or free patent describes the whole area as owned by the patentee or title holders, by

- operation of the law, a strip of twenty or sixty meters, as the case maybe, of that area described is not absolutely owned by him, because it is reserved by the government for public use. Hence, if the government should exercise its right to use the area reserved by it for public use, the owner shall be required to execute a Quit Claim over such area reserved and actually taken by the government for public use. This mode can be availed of not only in cases where the lot acquired under the Public Land Act is still covered by Free Patents but even after the issuance of Certificate of Title or Transfer Certificates of Title because of a series of transactions involving transfer of ownership from one person to another. No payment shall be made for land acquired under the quit claim mode except for damages to improvements, and, if eligible, assistance with income restoration.
- 8) **In case PAFs are qualified for compensation but with arrears on land tax.** To facilitate the processing of payment on land acquired from the PAFs with tax arrears the DPWH will pay the arrears and deduct the amount to the total compensation cost.
  - 9) **In case the PAFs are qualified but already dead and the heirs have not undergone extra-judicial partition,** the PAFs will be given a grace period to meet the requirement within the validity period of allotment for two (2) years. Beyond two years that the PAFs cannot comply with the requirement they have to settle the case in court.
  - 10) **In case of expropriation.**
    - a. **For Structures:** In the event that the PAF rejects the compensation for structures at replacement cost offered by DPWH, the Department or the PAF may take the matter to court. When court cases are resorted to either by DPWH through expropriation or by the PAFs through legal complaints, the DPWH will deposit with the court in escrow the whole amount of the replacement cost (100 %) it is offering the owner for his/her assets as compensation to allow DPWH to proceed with the works. The PAF will receive the replacement cost of the assets within one (1) month following the receipt of the decision of the court.
    - b. **For Land:** If the owner contests the Department's second offered value for compensation for land, the PAF or the DPWH may take the matter to court. DPWH shall immediately pay the owner: a) 100 % of the value of the property based on the Bureau of Internal Revenue (BIR) zonal valuation, and b) the value of improvements and structures. However, if the owner rejects the full payment, the DPWH will deposit 100 % of the BIR zonal value in an escrow account. The court shall determine the just compensation within sixty (60) days, taking into account the standards for the assessment of the value of the land (Sec. 5, RA 8974).
- 2.3 **OTHER APPLICABLE LAWS AND POLICIES: Executive Orders (EO), Administrative Orders (AO) and Department Orders (DO).**
- a. **Commonwealth Act (CA) 141, Section 112 or Public Land Act - prescribes**
    - a twenty (20) meter strip of land reserved by the government for public use, with damages being paid for improvements only.

- b. **Presidential Decree (PD) 635** amended Section 112 of CA 141 increasing the width of the reserved strip of twenty (20) meters to sixty (60) meters.
- c. **EO 113 (Series of 1995) and EO 621 (Series of 1980)**
  - 1. National Roads shall have a ROW width of at least 20 meters in rural areas which may be reduced to 15 meters in highly urbanized areas.
  - 2. ROW shall be at least 60 meters in unpatented public land.
  - 3. ROW shall be at least 120 meters through natural forested areas of aesthetic or scientific value.
- d. **EO 1035**
  - 1. Financial assistance to displaced tenants, cultural minorities and settlers equivalent to the annual gross harvest for the last 3 years and not less than PhP15,000 per ha.
  - 2. Disturbance compensation to agricultural lessees equivalent to 5 times the average gross during the last 5 years.
  - 3. Compensation for improvements on land acquired under Commonwealth Act 141.
  - 4. Government has the power to expropriate in case agreement is not reached.
- e. **Memorandum Order (MO) 65, Series of 1983**
  - 1. Easement of ROW where the owner is paid the land value for the Government to use the land but the owner still retains ownership over the land.
  - 2. Quit claim where the Government has the right to acquire a 20 to 60 m width of the land acquired through CA 141. Only improvements will be compensated.
- f. **Republic Act 6389**

Provides for disturbance compensation to agricultural lessees equivalent to 5 times the average gross harvest in the last 5 years.
- g. **Article 141, Civil Code**

Real actions over immovable prescribed after thirty (30) years. This provision is without prejudice to what is established for the acquisition of ownership and other real rights by prescription (1963).

- 2.4 **OBJECTIVES AND PRINCIPLES OF THE INVOLUNTARY RESETTLEMENT POLICY**
  - Involuntary resettlement should be avoided where feasible.
  - Where population displacement is unavoidable, it should be minimized by exploring all viable project options.
  - People unavoidably displaced should be compensated and assisted, so that their economic and social future would be generally as favorable as it would have been in the absence of the project.
  - People affected should be fully informed and consulted on resettlement and compensation options.
  - As far as possible, involuntary resettlement should be conceived and executed as part of the project.
- 2.5 **OPERATIONAL POLICIES FOR RESETTLEMENT**
  - The absence of a formal legal title to land by some affected groups should not be a bar to compensation, especially if the title can be perfected; particular attention should be paid to households headed by women and other vulnerable groups, such as indigenous peoples and ethnic minorities, and appropriate assistance provided to help them improve their status.
  - In case of severe impacts on agricultural land use, rehabilitation measures shall be given to PAFs that are actively cultivating affected plots, in the form of a combination of training, money to be invested to improve productivity, agricultural extension and income restoration allowances.
  - If possible, income restoration entitlements may also be given to informal settlers affected by non-severe loss of agricultural land, though the rehabilitation may have lesser effect than for severely affected PAFs.
  - Existing social and cultural institutions of re-settlers and their hosts should be supported and used to the greatest extent possible and re-settlers should be integrated economically and socially into host communities.
  - The full costs of resettlement and compensation should be included in the presentation of project costs and benefits.
  - Some costs of resettlement may be considered for inclusion in the Bank loan-financing the project. Costs that are covered include all costs associated with land improvement, construction of new housing, community infrastructure and income generating measures.

### CHAPTER 3

#### POLICY ON ELIGIBILITY FOR COMPENSATION AND OTHER ENTITLEMENTS

The settlement of claims for compensation for loss assets of PAFs will be summarized and presented in matrix form. The determination of compensation and entitlements will be based on the legal framework and principles of the RAP policy.

#### 3.1 CRITERIA FOR ELIGIBILITY FOR COMPENSATION

##### a. Landowners

1. Legal owners (agricultural, residential, commercial and institutional) who have full title, tax declaration, or who are covered by customary law (e.g. possessory rights, usufruct, etc.) or other acceptable proof of ownership.
2. Users of arable land who have no land title or tax declaration
3. Agricultural lessees

##### b. Structures

1. Owners of structures who have full title, tax declaration, or who are covered by customary law (e.g. possessory rights, usufruct, etc.) or other acceptable proof of ownership.
2. Owners of structures, including shanty dwellers, have no land title or tax declaration or other acceptable proof of ownership.
3. Renters

#### 3.2 INDICATORS OF SEVERITY OF IMPACTS

Properties to be acquired for the project may include the entire area or a portion of it. Hence, compensation for such assets or properties depends on whether the entire property will be affected or just a portion of it.

**Severe** - The portion of the property to be affected is more than 20 % of the total land area or even less than 20 % if the remaining portion is no longer economically viable or it will no longer function as intended. The owner of this property (land or structure) shall be entitled to full compensation in accordance to RA 8974.

**Marginal** - The impact is only partial and the remaining portion of the property or asset is still viable for continued use. Compensation will be on the affected portion only.

#### 3.3 COMPENSATION PER CATEGORY OF ASSETS AFFECTED

The classifications or categories of assets to be compensated include Land, Structures, other Improvements and Crops, Trees and Perennials. Described below are the compensation and entitlements provision to the PAFs per classification of assets affected.

#### a. Compensation for Structures

1. Compensation in cash for affected portion of the structure, including the cost of restoring the remaining structure, as determined by the concerned Appraisal committee with no deduction for salvaged building materials.

#### b. Compensation for Other Improvements

1. Compensation in cash at replacement cost for affected portion of public structures to government or non-government or to the community in case of a donated structure by agencies that constructed the structure.
2. Compensation to cover cost for reconnecting the facilities, such as water, power and telephone.

#### c. Compensation for Crops, Trees and Perennials

1. Cash compensation for perennials of commercial value to be determined by the Department of Environment and Natural Resources (DENR) or the concerned Provincial Appraisal Committee.
2. PAFs will be given sufficient time to harvest crops on the subject land.
3. Compensation for damaged crop at market value at the time of taking. The compensation will be based on the cost of production per hectare pro-rata to the affected area.
4. Entitlement for fruit-bearing trees will be based on the assessment of the provincial or the Municipal Assessors where the project is located.

#### d. Compensation for Land

1. Computation of the replacement cost of land shall be pursuant to RA 8974. The initial offer to the PAF will be the indicated price in the current zonal valuation issued by the Bureau of Internal Revenue (BIR) for the locality where the property is located. If the offered price is not acceptable to the PAF, the second offer will be current market value at the time of taking, based on the standards prescribed in Sections 5 and 6 of RA 8974.
2. Land swapping if feasible, 'land for land', will be provided in terms of a new parcel of land of equivalent market value, at a location acceptable under zoning laws, or a plot of equivalent value, whichever is larger, in a nearby resettlement area with adequate physical and social infrastructure. When the affected holding has a higher value than the relocation plot, cash compensation will cover the difference in value.
3. Holders of free patent, homesteads under CA 141, or the Public Lands Act, will be compensated for improvements only.
4. Holders of Certificates of Land Ownership Award (CLOA) granted under the Comprehensive Agrarian Reform Act shall be compensated pursuant to the provisions of RA 8974. However, CLOAs granted under Public Land

Act or CA 141 landowners shall be compensated for the affected land improvements only.

**3.4 OTHER TYPES OF ASSISTANCE OR ENTITLEMENTS**

- a. **Disturbance Compensation.** For agricultural land severely affected the lessees are entitled to disturbance compensation equivalent to five (5) times the average of the gross harvest for the past three (3) years but not less than PhP 15,000.
- b. **Income Loss.** For loss of business/income, the PAF will be entitled to an income rehabilitation assistance not to exceed PhP15,000 for severely affected structures, or to be based on the latest copy of PAFs Tax record for the period corresponding to the stoppage of business activities.
- c. **Inconvenience Allowance.** The amount of PhP 10,000 shall be given to PAF with severely affected structures which require relocation and new construction.
- d. **Rehabilitation assistance** (skills training and other development activities) equivalent to PhP15,000 per family per municipality will be provided in coordination with other government agencies, if the present means of livelihood is no longer viable and the PAF will have to engage in a new income activity.
- e. **Rental Subsidy.** Will be given to PAFs without sufficient additional land to allow the reconstruction of their loss house under the following circumstances:
  - 1. The concerned properties are for residential use only and are considered as severely affected.
  - 2. The concerned PAFs are physically residing in the affected structure and land at the time of the cut-off date.
  - 3. The amount to be given will be equivalent to the prevailing average monthly rental for a similar structure of equal type and dimension to the house loss.
  - 4. The amount will be given for the period between the delivery of house compensation and the delivery of land compensation.
- f. **Transportation allowance or assistance.** If relocating, PAF will be provided free transportation. Also, informal settlers in urban centers who opt to go back to their place of origin in the province or be shifted to government relocation sites will be provided free transportation.

**CHAPTER 4**

**DESCRIPTION OF ADVERSE IMPACTS**

**4.1 PARAMETERS ON THE SEVERITY OF IMPACTS**

There were two (2) types of impacts applied in the RAP: 1) severely affected, and 2) marginally affected.

PAFs were considered severely affected if their structures were totally affected or 20 % and above of the total area of the structures were affected and will no longer be viable for continued use or will not function as intended. However, PAFs whose structures were affected by less than 20 % of the total area and the remaining portion of the structures are no longer viable for continued use, were considered severely affected, (i.e. if in case the affected portion of the structure was less than 20 % but the main post of the building was affected and it could no longer hold the remaining structure, it was still considered as severe).

On the other hand, PAFs were considered marginally affected if the impact was only a portion of the structure or less than 20 % of the total area of the structure was affected and the remaining portion is still viable for continued use.

The entitlement according to the Land Acquisition, Resettlement, Rehabilitation and Indigenous Peoples' (LARRIP) Policy as per Republic Act 8974 specifies that severely affected structures will be entitled to payment of the entire or the whole structure, while marginally affected structures will be entitled to payment of the affected portion of the structure only. The compensation for affected structures will be at replacement cost, i.e. the cost of the materials and labor (demolition and construction) at current market price in the locality where the structure is located with no salvage value to be deducted.

Likewise, compensation for affected lots shall be pursuant to RA 8974 wherein initial offer to the PAF will be based on the Bureau of Internal Revenue (BIR) zonal valuation of the locality where the affected property is located. If the first offer is not acceptable to the PAF, the second offer will be fair market value as prescribed in Sections 5 and 6 of the same RA.

**4.2 ADVERSE IMPACTS ON PROJECT AFFECTED FAMILIES (PAFs)**

**Package III**

**On Structures**

Based on the parcellary survey, DPWH validation, As-staked Survey and preparation of detailed estimates conducted, twenty-one (28) structures would be affected by RROW for Contract Package III; these include twenty one (21) residential structures one (1) abandoned house, one (1) commercial structure, one (1) warehouse and four backyard piggery structures.

21  
 1  
 1  
 1  
 4  
 28

#### On Land

Also, based on the original parcellary survey plans, a total of thirty-nine (39) plots will be affected for this segment (CP-III); seven (7) plots belong to the Republic of the Philippines and thirty-two (32) plots belong to twenty-seven (27) private owners. However, as validated from tax declarations available at the respective Assessor's Office of the municipalities of Bustos and San Rafael, seven (7) of these mother lots have already been subdivided or partitioned resulting to a new total of sixty-five (65) affected lots where only three (3) lots remain under the name of the Republic of the Philippines and are untitled but with tax declarations. Two of these three (3) lots have claimants while the other is taxed and classified as mineral lot. Five affected private lots have no tax declarations as per records/files of the Municipal Assessor's Office of Bustos. Affected lots are all subject for validation as per DO 34, s 2007: *Simplified Guidelines for the Validation and Evaluation of Infrastructure Right-of-Way Claims*.

#### On Trees

The DENR-CENRO-Guiguinto identified/inventoried and granted permit to cut sixty-five (65) planted trees and to earth-ball sixty-four (64) saplings of various species located within the RROW in Brgy. Bonga Menor, Bustos, Bulacan. The DENR-CENRO-San Rafael on the other hand, identified/inventoried and granted permit to cut fifty-nine (59) planted trees and to earth-ball two (2) Narra trees and twenty-two (22) saplings of various species located within RROW in Brgy. Tambubong, San Rafael, Bulacan. These comprise the affected trees identified/inventoried during the conduct of As-Stake Survey.

#### Package IV

##### On Structure

Based on the DPWH validation and detailed estimates conducted, twenty-five (25) structures would be affected by RROW for Contract Package IV; sixteen (16) of these are residential structures that are all severely affected, one (1) concrete fence, one (1) nipa hut, one (1) poultry, two (2) piggery structures, one (1) water station, one (1) steel gate/fence, one (1) solar dryer and one (1) gasoline station.

##### On Land

Consequently, based on the original parcellary survey plans ninety-one (91) plots will be affected for this segment; eight (8) plots belong to the Republic of the Philippines and eighty-three (83) plots belong to seventy-one (71) private owners. However, as validated from tax declarations available at the Assessor's Office of the municipality of San Rafael, twenty-six (26) of these mother lots have already been subdivided or partitioned resulting to a new total of two hundred twenty-eight (228) affected lots. Affected lots are all subject for validation as per DO 34, s 2007: *Simplified Guidelines for the Validation and Evaluation of Infrastructure Right-of-Way Claims*.

#### On Trees

A total of four hundred and fifty-five (455) trees and about 598 <sup>linear</sup> meters of CHB fence were found to be affected for Contract Package IV. (Please refer to submitted Parcellary Survey and RROW Plans showing the affected structures (residential and other improvements) and lots). However, inventory of affected trees, crops, other perennials and other improvements for this package will be finalized during conduct of the As-Staked Survey prior to construction phase.

#### On IPs

No Indigenous Peoples (IPs) were identified during the conduct of the survey for these two packages, however, several highly vulnerable (very poor) PAFs were identified to be affected mostly located in Brgy. Bonga Menor Bustos, Bulacan and Brgy. Caingin, San Rafael, Bulacan.

##### a. Categorization of Impacts on Landholdings

The resettlement impacts for road are generally confined within the fairly narrow corridor of impact. The width of this corridor varies depending on several factors such as type of road, design of slope and drainage, terrain etc. Further, the width of the corridor of impact may not be as wide as the Road-Right-of-Way (RROW) width defined in the parcellary survey or contained within the construction limits. For this project, the corridor of impact was contained within a 35 meter ROW.

Similarly with the categorization of impacts on structures, PAFs are considered severely affected if their property will be totally affected or 20 % and above of the area of the property will be affected and will no longer be viable for continued use or will not function as intended. However, PAFs whose property will be affected by less than 20 % of the area and the remaining portion of the property is no longer viable for continued use, shall also be considered severely affected.

On the other hand, PAFs are considered marginally affected if the impact is only portion of the property or less than 20 % of the area is affected and the remaining portion is still viable for continued use.

##### b. Affected Landholdings by Land Classification

###### 1. Agricultural Land

The project area is basically residential and agricultural in use planted with palay, fruit bearing and non-fruit bearing trees (Package III: Table 4.2-1a. and Package IV: Table 4.2-1b)

For Contract Package III, 65 lots will be affected by the project with a total area of 84,451 sq.m. Out of 65 affected lots, forty (40) lots are classified as agricultural with an area of 71,336 sq.m, thirty (30) lots with an area of 36,218 sq.m., are located in the Municipality of Bustos while ten (10) affected agricultural lots with an area of 35,318sq.m, are located in the Municipality of San Rafael.

For Contract Package IV, a total of 228 lots with a total area of 269,231 sq.m., will be affected by the project, 105 of these lots with an area of 218,452 sq.m. are classified as agricultural in use and are all located in the Municipality of San Rafael.

2. Residential Land

For Contract Package III, out of the sixty-five (65) affected lots, there are twenty (20) lots with a total area of 7,030 sq.m. are classified as residential, 3 lots with an area of 1,125 sq.m. are located in the Municipality of Bustos, while 17 lots with an area of 5,905 sq.m. are all located in the Municipality of San Rafael.

For Contract Package IV, a total of 118 affected lots with a total area of 46,965 sq.m. are classified as residential in use and are likewise located in the Municipality of San Rafael.

3. Commercial Land

As per secured tax declarations, no landholdings classified as commercial will be affected by the project for Contract Package III. On the other hand, for Contract Package IV, 3 affected lots with an area of 2,099 sq.m. are classified as commercial and located in Brgy Maasim, San Rafael Municipality.

4. Other type of land use affected by the project are 1 Residential (Subd.) with an area of 46 sq.m., located in Brgy. Tambubong, Municipality of San Rafael along Contract Package III, while in Contract Package IV, 1 affected lot classified as Residential/Industrial with an area of 1,672 sq.m. is located in Brgy. Capihan, Municipality of San Rafael.

Table 4.2-1a: Impacts on Affected Lands According to Classification per Municipality/Barangay - Contract Package III

Municipality/ Barangay	Residential		Agricultural		Mineral		Agri./Res.		Res. (Subd.)		Total Land	
	No. of Lots	Aff. Area (m <sup>2</sup> )	No. of Lots	Aff. Area (m <sup>2</sup> )	No. of Lots	Aff. Area (m <sup>2</sup> )	No. of Lots	Aff. Area (m <sup>2</sup> )	No. of Lots	Aff. Area (m <sup>2</sup> )	No. of Lots	Aff. Area (m <sup>2</sup> )
Bustos	3	1,125	30	36,218	1	5,839	-	-	-	-	34	43,182
San Rafael	17	5,905	10	35,318	-	-	3	apportioned	1	46	31	41,225
Tambubong	20	7,030	40	71,536	1	5,839	3	-	1	46	65	84,451
<b>Total</b>												

Table 4.2-1b: Impacts on Affected Lands According to Classification per Municipality/Barangay - Contract Package IV

Municipality/ Barangay	Residential		Agricultural		Commercial		Res./Ind.		Total Land	
	No. of Lots	Aff. Area (m <sup>2</sup> )	No. of Lots	Aff. Area (m <sup>2</sup> )	No. of Lots	Aff. Area (m <sup>2</sup> )	No. of Lots	Aff. Area (m <sup>2</sup> )	No. of Lots	Aff. Area (m <sup>2</sup> )
Tambubong	-	-	9	14,662	-	-	-	-	9	14,662
Caingin	4	6,412	18	49,401	-	-	-	-	22	55,813
Capihan	-	2,070	21	48,533	-	-	1	1,672	22	52,275
San Roque	13	23,486	11	23,058	-	-	-	-	24	46,544
Maguinao	86	9,930	9	16,817	-	-	-	-	95	26,747
Diliman I	12	4,775	9	10,906	-	150	-	-	22	15,831
Mabalas-balas	2	292	14	34,067	-	-	-	-	16	34,359
Maasim	1	43	14	21,008	3	1,949	-	-	18	23,000
<b>Total</b>	118	46,965	105	218,452	3	2,099	1	1,672	228	269,231



c. Resettlement Options for Severely Affected Structures — del,

Based on the result of the final socio-economic/ inventory survey conducted, no resettlement is necessary for Contract Packages III & IV considering the economic status of the affected households and compensation that they will receive for their structures affected by the RROW.

CHAPTER 5

SOCIO-ECONOMIC PROFILE OF PAFs

The socio-economic profile was collected through interviews with the PAFs together with the assessment of affected structures during the conduct of the socio-economic/ inventory survey. The PAFs subject for profiling are whose properties/ assets (particularly residential structures) are severely or marginally affected. For Contract Package III, there are eighteen (18) PAFs or households with severely-affected residential structures out of twenty (20) affected residential structures. Two residential structures are marginally affected while one structure is already abandoned and it will be severely affected. For Contract Package IV, there are eighteen affected (18) PAFs who will be dislocated from sixteen severely-affected residential structures.

5.1 BASIC INFORMATION

a. Age Structure

Based on the socio-economic survey conducted, for Contract Package III there are twelve (12) heads of household with severely-affected residential structures whose age ranges from eighteen (18) to sixty (60) years of age and eight (8) heads of household with severely or marginally affected residential structures whose age is above sixty (60) years of age. For Contract Package IV, thirteen (13) heads of household with severely-affected residential structures have ages ranging from eighteen (18) to sixty (60) years of age & five (5) heads of household with severely-affected residential structures have ages above sixty (60) years of age.

b. Literacy

For Contract Package III, all of the twenty (20) heads of household with severely or marginally affected residential structures have formal education. Out of this, six (6) PAF or 30.00% are college graduate/s, two (2) PAFs or 10.00% are college undergraduates, three (3) PAFs or 15.00% are vocational course graduates, six (6) PAFs or 30.00% are high school graduates, one (1) PAF or 5.00% each is high school undergraduate, elementary graduate and elementary undergraduate. Table 5.1-1a shows the educational attainment of PAFs with severely-affected residential structures per municipality for Contract Package III.

Table 5.1-1a: Educational Attainment of PAFs (Head of Family) Owning and/or Living on Residential Structures Severely or Marginally Affected by the Project, Contract Package III

Municipality	Educational Attainment (Number and Percentage Share)								Total
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
Bustos	1	1	0	3	0	0	0	0	5
%	20.00	20.00	0	60.00	0	0	0	0	100.00
San Rafael	0	0	1	3	0	3	2	6	15
%	0	0	6.67	20.00	0	20	13.33	40.00	100.00
Total	1	1	1	6	0	3	2	6	20
%	5.00	5.00	5.00	30.00	0	15.00	10.00	30.00	100.00

For Contract Package IV, all of the sixteen (16) interviewed heads of household with severely-affected residential structures have formal education also. Out of this, four (4) PAFs or 22.22% are college graduates, two (2) PAFs or 11.11% are vocational course graduates, five (5) PAFs or 27.78% are high school graduates, (two) 2 PAF or 11.11% are high school undergraduates, three (3) PAFs or 16.67% are elementary graduates and (two) 2 PAFs or 11.11% are elementary undergraduates. Table 5.1-1b shows the educational attainment of PAFs with severely-affected residential structures for Contract Package IV.

**Table 5.1-1b: Educational Attainment of PAFs (Head of Family) Owning and/or Living on Residential Structures Severely or Marginally Affected by the Project, Contract Package IV**

Municipality	Educational Attainment (Number and Percentage Share)								Total
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
San Rafael	2	3	2	5	0	2	0	4	18
%	11.11	16.67	11.11	27.78	0	11.11	0	22.22	100.00
<b>Total</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>5</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>4</b>	<b>18</b>
<b>%</b>	<b>11.11</b>	<b>16.67</b>	<b>11.11</b>	<b>27.78</b>	<b>0</b>	<b>11.11</b>	<b>0</b>	<b>22.22</b>	<b>100.00</b>

**Legend:**

- (1) Elementary Undergraduate
- (2) Elementary Graduate
- (3) High School Undergraduate
- (4) High School Graduate
- (5) Vocational Undergraduate
- (6) Vocational Graduate
- (7) College Undergraduate
- (8) College Graduate

**c. Labor and Employment**

For Contract Package III, only ten (10) out of twenty (20) heads of households with severely or marginally affected residential structures have occupation. Two (2) PAFs have GSIS pensions; five (5) PAFs have SSS pensions, while three (3) PAFs have no occupation. Table 5.1-2a shows the occupation of PAFs with severely-affected residential structures per municipality for Contract Package III.

**Table 5.1-2a: Occupation of PAFs (Head of Family) Owning and/or Living on Residential Structures Severely or Marginally Affected by the Project, Contract Package III**

Municipality	Occupation (Number and Percentage Share)												Total
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
Bustos	0	0	0	1	0	0	0	2	1	0	0	1	5
%	0	0	0	20.00	0	0	0	40.00	20.00	0	0	20.00	100.00
San Rafael	0	0	0	0	3	0	0	2	1	0	7	2	15
%	0	0	0	0	20.00	0	0	13.33	6.67	0	46.67	13.33	100.00
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>2</b>	<b>0</b>	<b>7</b>	<b>3</b>	<b>20</b>
<b>%</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5.00</b>	<b>15.00</b>	<b>0</b>	<b>0</b>	<b>20.00</b>	<b>10.00</b>	<b>0</b>	<b>35.00</b>	<b>15.00</b>	<b>100.00</b>

For Contract Package IV, fifteen (15) out eighteen (18) heads of households with severely-affected residential structures have occupation; three (3) PAFs have no occupation. Table 5.1-2b shows the occupation of PAFs with severely affected structure per municipality for Contract Package IV.

**Table 5.1-2b: Occupation of PAFs (Head of Family) Owning and/or Living on Residential Structures Severely or Marginally Affected by the Project, Contract Package IV**

Municipality	Occupation (Number and Percentage Share)												Total
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
San Rafael	0	1	2	4	0	1	4	2	0	1	0	3	18
%	0	5.555	11.11	22.225	0	5.555	22.225	11.11	0	5.555	0	16.665	100.00
<b>Total</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>4</b>	<b>0</b>	<b>1</b>	<b>4</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>3</b>	<b>18</b>
<b>%</b>	<b>0</b>	<b>5.555</b>	<b>11.11</b>	<b>22.225</b>	<b>0</b>	<b>5.555</b>	<b>22.225</b>	<b>11.11</b>	<b>0</b>	<b>5.555</b>	<b>0</b>	<b>16.665</b>	<b>100.00</b>

**Legend:**

- (1) Farmer
- (2) Hired Farm Worker
- (3) Unskilled Labor
- (4) Skilled Labor
- (5) Prof. Employment
- (6) Prof. Practice
- (7) Business/Trading
- (8) Driver
- (9) Vending
- (10) OFW
- (11) Pensioner
- (12) Housekeeper/None

**5.2 HOUSEHOLD STRUCTURE**

**a. Household Size**

For Contract Package III, a total of 11 PAFs or 55.00% represent the largest household size ranging from 1-4 members; there are five (5) PAFs or 25.00% with household size ranging from 5-7 members and there are three (3) PAFs or 15.00% with household size ranging from 8-12 members. One family has total household/s size of 13 members. Table 5.2-1a shows the household size of PAFs with severely-affected residential structures per municipality.

**Table 5.2-1a: Household Size of PAFs Owning and/or Living on Residential Structures Severely or Marginally Affected by the Project, Contract Package III**

Municipality	Household Size (Number and Percentage Share)				Total
	(1-4)	(5-7)	(8-12)	13 & above	
Bustos	2	1	1	1	5
%	40.00	20.00	20.00	20.00	100.00
San Rafael	9	4	2	0	15
%	60.00	26.67	13.33	0	100.00
<b>Total</b>	<b>11</b>	<b>5</b>	<b>3</b>	<b>1</b>	<b>20</b>
<b>%</b>	<b>55.00</b>	<b>25.00</b>	<b>15.00</b>	<b>5.00</b>	<b>100.00</b>

For Contract Package IV, a total of nine (9) PAFs or 50.00% represent the largest household size ranging from 1-4 members; there are seven (7) PAFs or 38.89% with household size ranging from 5-7 members. One household or PAF has household size of 8 members while one family has total household/s size of 30 members. Table 5.2-1b shows the household size of PAFs with severely-affected residential structures per municipality.

**Table 5.2-1b: Household Size of PAFs Owning and/or Living on Residential Structures Severely or Marginally Affected by the Project, Contract Package IV**

Municipality	Household Size (Number and Percentage Share)				Total
	(1-4)	(5-7)	(8-12)	13 & above	
San Rafael	9	7	1	1	18
%	50.00	38.89	5.555	5.555	100.00
<b>Total</b>	<b>9</b>	<b>7</b>	<b>1</b>	<b>1</b>	<b>18</b>
<b>%</b>	<b>50.00</b>	<b>38.89</b>	<b>5.555</b>	<b>5.555</b>	<b>100.00</b>

**5.3 ACCESS TO BASIC SOCIAL SERVICES**

**a. Electricity**

Based on the socio-economic survey conducted, only one (1) out of five (5) PAFs with severely or marginally affected residential structures for Contract Package III (municipality of Bustos) has access to electricity while all of the fifteen (1) PAFs with severely or marginally affected residential structures for Contract Package III (municipality of San Rafael) have access to electricity. On the other hand, twelve (12) PAFs out of eighteen (18) PAFs with severely or marginally affected residential structures for Contract Package IV have access to electricity; the six (6) PAFs without access to electricity are all located in Caingin (within the PNR ROW) and Capihan.

**b. Water Supply**

For Contract Package III, all of the five (5) PAFs with severely or marginally affected residential structures for Contract Package III (municipality of Bustos) utilize deep wells for domestic water needs; however, they all buy/utilize purified water for drinking water. All of the fifteen (15) PAFs with severely or marginally affected residential structures for Contract Package III (municipality of San Rafael) subscribe to local water supply provider.

For Contract Package IV, all PAFs with severely or marginally affected residential structures, utilize deep wells as their sources of water for domestic use.

**c. Sanitation Facilities**

The socio-economic survey results revealed four (4) of the five (5) PAFs with severely or marginally affected residential structures for Contract Package III

(municipality of Bustos) utilize open pit while only one (1) PAF utilize semi-flush type of toilet; all of the thirteen (13) PAFs with severely or marginally affected residential structures for Contract Package III (municipality of San Rafael) utilize semi-flush type of toilet.

For Contract Package IV, all eighteen (18) PAFs with severely or marginally affected residential structures, utilize semi-flush type of toilet.

**d. Cooking Facilities**

For Contract Package III (municipality of Bustos), the five (5) PAFs with severely or marginally affected residential structures utilize woods for cooking fuels; thirteen (13) of the fifteen (15) PAFs with severely or marginally affected residential structures for Contract Package III (municipality of San Rafael) utilize LPG while the other two (2) PAFs severely-affected residential structures utilize woods for cooking fuels.

For Contract Package IV, six (6) of the eighteen (18) PAFs with severely-affected residential structures utilize LPG while the rest utilize woods for cooking fuels.

**5.4 PROJECT AWARENESS**

All of the PAFs, both in Contract Package III and Contract Package IV, with severely or marginally affected residential structures have previous knowledge about the project. They are all aware that their residential structures will be severely or marginally affected, having been informed by the Parcellary Survey Team and the Preliminary RAP Team. They were further informed of the implementation status, process of payment and schedule of the whole project by the RMC 1-UPMO and Construction Supervision Consultants' Staff during the Public Consultation Meetings held at every affected barangay where PAFs with affected structures and/or lots were invited in coordination with the concerned Barangay Council/s.

**5.5 TYPES OF AFFECTED STRUCTURES**

**a. Types of Roof**

For Contract Package III, all five (5) PAFs (municipality of Bustos) and thirteen PAFs (municipality of San Rafael) with severely-affected residential structures used Galvanized Iron (G. I.) sheets for roofing materials. Likewise, all of the eighteen (18) PAFs with severely-affected residential structures for Contract Package IV used Galvanized Iron (G. I.) sheets for roofing materials.

**b. Types of Wall**

For Contract Package III (municipality of Bustos), only one of the five (5) PAFs with severely-affected residential structures utilized concrete for walling; two (2) PAFs utilized Galvanized Iron (G. I.) sheets for walling while the other utilized combination of Galvanized Iron (G. I.) sheets and woods for walling. For Contract Package III (municipality of San Rafael), eight (8) of the thirteen (13) PAFs with severely-affected residential structures utilized concrete for walling; the other five

(5) PAFs with severely-affected residential structures utilized combination of concrete and woods for walling.

For Contract Package IV, nine (9) PAFs with severely-affected residential structures have concrete (CHB) walling and five (5) PAFs have combination of concrete (CHB) and wooden materials for walling and four (4) PAFs who utilized wood materials and/or bamboo for walling.

- d. DPWH will go back to the PAFs and communicate to them the current market value so determined by an independent land appraiser to specify the negotiation limits (BIR zonal value and current market value);
- e. DPWH then begins negotiations with the PAFs to determine the final compensation;
- f. If the PAFs do not accept the terms of this negotiation and the land valuation possible under RA 8974, their affected properties will be expropriated;
- g. DPWH shall immediately pay the PAF whose property is under expropriation the amount equivalent to the sum of one hundred percent (100 %) of the BIR zonal valuation and the court shall determine the just compensation to be paid to the PAF within sixty (60) days from the date of filing of the expropriation case. When the decision of the court becomes final and executory, DPWH shall pay the PAF the difference between the costs already paid and the just compensation as determined by the court. In the interim, DPWH will deposit 100 % of the BIR valuation into an escrow account.

The information campaign also aimed to convey to the PAFs the available channels for complaints and grievances and related procedures. In this respect, the PAFs were informed that grievances from the PAFs related to the RAP implementation or any aspect of the project will be handled through negotiations and are aimed at achieving consensus according to the following procedures:

- 1) The PAFs will lodge their grievances by writing to the concerned Municipal RAP Implementation Committee (MRIC) for immediate resolution.
- 2) If the complaint is not satisfactorily resolved in 15 days or the PAF does not receive any response from the MRIC, the PAF can forward the complaint or file an appeal at the DPWH Regional Office (RO).
- 3) If the complaint is not satisfactorily resolved in 15 days or the PAF does not receive any response from the DPWH RO, the PAF can file a legal complaint in any appropriate Court of Law.

CHAPTER 7

ENTITLEMENT MATRIX

Table 7.1: Entitlement Matrix for Structures, Improvements and Trees & Perennials

Type of Loss	Application	Compensation/ Entitlements
<b>STRUCTURES</b>		
(Classified as Residential/ Light Commercial)  CP III - 28 ✓ CP IV - 25 ✓	More than 20 % of the total area of structure lost or where less than 20 % lost but the remaining portion is no longer functional as intended or no longer viable for continued use.  CP III - 18 CP IV - 18	<u>PAFs will be entitled to:</u> <ul style="list-style-type: none"> <li>• Cash compensation for entire structure at 100 % of replacement cost;</li> <li>• Rental subsidy equivalent to average monthly rental rate for a similar structure for the period between the submissions of complete documents until the release of payment on land;</li> <li>• Rehabilitation Assistance - Php15,000 per family (skills training and other development activities), if their livelihood will be severely affected;</li> <li>• Income Loss - based on the latest Copy of Tax Record; and</li> <li>• Transportation Allowance - transportation to relocation sites will be provided by the concerned DEO.</li> </ul>
	Less than 20 % of the total area of structure lost or where the remaining structure still functional and viable for continued use.  CP III - 10 ✓ CP IV - 7	<u>PAFs will be entitled to:</u> <ul style="list-style-type: none"> <li>• Compensation at replacement cost for the affected portion of the structure.</li> </ul>
<b>OTHER IMPROVEMENTS</b>		
		<u>PAFs will be entitled to:</u> <ul style="list-style-type: none"> <li>• Cash compensation for the affected improvements at replacement cost</li> </ul>
<b>TREES &amp; OTHER PERENNIALS</b>		

Type of Loss	Application	Compensation/ Entitlements
	Note: Affected trees and crops were accounted; however, owners are not yet identified.	<u>PAFs will be entitled to:</u> <ul style="list-style-type: none"> <li>• Cash compensation for trees, crops and other perennials at current market value as prescribed by the concerned LGUs and the DENR.</li> </ul>

Table 7.2: Entitlement Matrix for Land

Compensation on affected lots shall be based on the mode of acquisition provided in RA 8974 and subject for validation pursuant to DPWH DO 34.

Type of Loss	Application	Entitled Person	Compensation/ Entitlements
<b>LAND</b>			
(Classified as Agricultural, Residential, Commercial, or Institutional)  CP III - 65 CP IV - 228	More than 20 % of the total landholding lost or where less than 20 % lost but the remaining landholding become economically unviable.	PAF with Transfer Certificate of Title (TCT) or Tax Declaration (Tax Declaration can be legalized to full title).	<u>PAFs will be entitled to:</u> <ul style="list-style-type: none"> <li>• Cash compensation for loss of land at 100% replacement cost at the informed request of PAFs</li> <li>• If feasible, land for land will be provided in terms of a new parcel of land of equivalent productivity, at a location acceptable to PAFs, or</li> <li>• Holders of free or homestead patents and Certificates of Land Ownership Award (CLOA) under CA 141. Public Lands Act will be compensated on land improvements only.</li> <li>• Holders of CLOA granted under the Comprehensive Agrarian Reform Act shall be compensated for the land at zonal value.</li> <li>• Cash compensation for damaged crops at market value at the time of taking.</li> <li>• Rehabilitation assistance in the form of skills training equivalent to the amount of Php 15, 000 per family, if the present means of livelihood is no longer viable and the PAF will have to engage in a new income activity.</li> </ul>

CHAPTER 8

BUDGET REQUIREMENTS

8.1 FUNDS FOR RAP IMPLEMENTATION

Funds for the implementation of the RAP for this project (Contract Packages III & IV) are part of the project budget. The cost for resettlement is a component of the counterpart funds provided by DPWH including compensation costs for affected structures, improvements, trees, crops, other perennials and entitlements for land acquisition.

For Contract Package III, approximate compensation cost for affected structures and Trees is PhP 19,380,356.08 while for land, approximate acquisition cost is PhP 51,027,918.94, for other entitlements cost is PhP 518,000.00 and 5% contingencies with the amount PhP 3,546,313.75 for a total approximate cost of PhP 74,472,588.77

For Contract Package IV, approximate compensation cost for affected structures is PhP 10,955,768.13 while for land, approximate acquisition cost is PhP 143,272,226.26 for other entitlements cost is PhP 428,000 and 5% contingencies with the amount of PhP 7,732,799.72 for a total approximate cost of PhP 162,388,794.11

Thus, the total cost of compensation for Contract Packages III & IV is approximately PhP 236,861,382.88.

8.2 RESETTLEMENT COSTS

Estimated resettlement costs will be based on the prevailing market rates of the materials. The market rates to be used for assessment of compensation will remain valid during the implementation period. However, in case of unforeseen delays beyond 12 months, the rates for structures and fixed assets will be reviewed and adjusted as needed.

8.3 PROCEDURES FOR FLOW OF FUNDS

The DPWH thru the RMC 1-UPMO is responsible for providing the needed funds for the implementation of RAP. The Bulacan 1<sup>st</sup> and Bulacan 2<sup>nd</sup> District Engineering Offices will be implementing the RAP, in close coordination with the RMC 1-UPMO, and will be responsible in the disbursement of the funds for the RAP, including payments to PAFs in accordance with D.O. # 80 and D.O. # 34.

8.4 UNIT PRICES FOR COSTS ESTIMATION

Compensations for loss of structures were calculated thru detailed estimates at 100% replacement cost without depreciation and deduction for salvageable materials, and are all in the form of cash compensation. The replacement costs of construction materials and labor for each structure were computed with reference

to the actual dimension of the affected area. The costs of materials were based on the prevailing market price in the locality.

a. Structures, Other Improvement and Trees & Other Entitlements

Shown below, Table 8.4-1, are the estimated costs of compensation and other entitlements for PAFs with severely or marginally affected structures and other entitlements.

Table 8.4-1a: Estimated Costs of Compensation and Other Entitlements for PAFs with Severely or Marginally Affected Structures – Contract Package III

Description	No.	Amount (PhP)	Remarks
Structures	28	18,892,069.88	1 <sup>st</sup> and 2 <sup>nd</sup> DEO. Bulacan <i>for updating</i>
Income Loss	2	18,000.00	Stores
Rehabilitation Assistance	20	300,000.00	PhP 15,000/HH
Disturbance Allowance	20	200,000.00	PhP 10,000/HH
Transportation Allowance	20	-	If relocating, PAFs will be provided free transportation.
<b>Total</b>		<b>19,410,069.88</b>	

Table 8.4-1b: Estimated Costs of Compensation and Other Entitlements for PAFs with Severely or Marginally Affected Structures – Contract Package IV

Description	No.	Amount (PhP)	Remarks
Structures	25	10,955,768.13	Subject for re-computation <i>re-computation</i>
Income Loss	1	3,000.00	Store
Rehabilitation Assistance	17	255,000.00	PhP 15,000/HH
Disturbance Allowance	17	170,000.00	PhP 10,000/HH
Transportation Allowance	17	-	If relocating, PAFs will be provided free transportation.
<b>Total</b>		<b>11,383,768.13</b>	

b. Land Valuation by Land Classification

Presented in Table 8.4-2 are the estimated costs of compensation for land based on secured PAC (Provincial Appraisal Committee) Resolutions.

Table 8.4-2a: Estimated Costs of Compensation for Land – Contract Package III

Barangay	Total Aff. Area	Classification As Per Tax Decl.	Aff. Area	Cost/ m <sup>2</sup> (Per PAC)	Estimated Cost (PhP)
Bonga Menor, Bustos, Bulacan	43,182	Agricultural	36,218	510.00	18,471,180.00
		Residential	1,125	1,520.00	1,710,000.00
		Mineral	5,839	510.00	2,977,890.00
<b>Sub-Total</b>			43,182	-	23,159,070.00
Tambubong, San Rafael, Bulacan	41,225	Agricultural	35,318	283.33	10,006,648.94
		Residential	5,905	3,000.00	17,715,000.00

Resettlement Action Plan (Final Report)  
Plaridel Bypass Road Project, Contract Packages III & IV  
ARTERIAL ROAD BYPASS PROJECT, PHASE II

		Res. (Subd.)	46	3,200.00	147,200.00
Sub-Total			41,269	-	27,868,848.94
Total	84,407	Agricultural	71,536	-	28,477,828.94
		Residential	7,030	-	19,425,000.00
		Res. (Subd.)	46	-	147,200.00
		Mineral	5,839	-	2,977,890.00
Total			84,451	-	51,027,918.94

Table 8.4-2b: Estimated Costs of Compensation for Land – Contract Package IV

Barangay	Total Aff. Area	Classification As Per Tax Decl.	Aff. Area	Cost/ m <sup>2</sup> (Per PAC)	Estimated Cost (PhP)
Tambubong, San Rafael, Bulacan	14,662	Agricultural	14,662	283.33	4,154,184.46
		Residential	0	3,000.00	0.00
		Mineral	0	283.33	0.00
Sub-Total			14,662	-	4,154,184.46
Caingin, San Rafael, Bulacan	55,813	Agricultural	49,401	300.00	14,820,300.00
		Residential	6,412	3,000.00	19,236,000.00
		Mineral	0	300.00	0.00
Sub-Total			55,813	-	34,056,300.00
Capihan, San Rafael, Bulacan	51,275	Agricultural	48,533	375.09	18,204,242.97
		Residential	2,070	1,116.67	2,311,506.90
		Industrial	1,672	1,116.67	1,867,072.24
Sub-Total			52,275	-	22,382,822.11
San Roque, San Rafael, Bulacan	46,544	Agricultural	23,058	290.00	6,686,820.00
		Residential	23,486	750.00	17,614,500.00
		Commercial	0	750.00	0.00
Sub-Total			46,544	-	24,301,320.00
Maguinao, San Rafael, Bulacan	26,747	Agricultural	16,817	495.00	8,324,415.00
		Residential	9,930	2,180.00	21,647,400.00
		Commercial	0	300.00	0.00
Sub-Total			26,747	-	29,971,815.00
Diliman I, San Rafael, Bulacan	15,831	Agricultural	10,906	211.50	2,306,619.00
		Residential	4,775	715.00	3,414,125.00
		Commercial	150	715.00	107,250.00
Sub-Total			15,831	-	5,827,994.00
Mabalas-balas, San Rafael, Bulacan	34,359	Agricultural	34,067	371.43	12,653,505.81
		Residential	292	2,357.14	688,284.88
		Commercial	0	300.00	0.00
Sub-Total			34,359	-	13,341,790.69
Maasim, San Rafael, Bulacan	23,000	Agricultural	21,008	250.00	5,252,000.00
		Residential	43	2,000.00	86,000.00
		Commercial	1,949	2,000.00	3,898,000.00
Sub-Total			23,000	-	9,236,000.00
Total	269,231	Agricultural	218,452	-	72,402,087.24
		Residential	47,008	-	64,997,816.78
		Mineral	0	-	0.00

Resettlement Action Plan (Final Report)  
Plaridel Bypass Road Project, Contract Packages III & IV  
ARTERIAL ROAD BYPASS PROJECT, PHASE II

		Commercial	2,099	-	4,005,250.00
		Industrial	1,672	-	1,867,072.24
Total			269,231	-	143,272,226.26
Grand Total			353,638	-	194,300,145.20

8.5 TOTAL RAP IMPLEMENTATION COST

Presented in Table 8.5-1 are the summary of the total estimated costs of the RAP including the cost of implementation:

Table 8.5-1a: Summary of Total Estimated RAP Implementation Cost – CP III

Description	No.	Amount (PhP)	Remarks
Land	65	51,027,918.94	Subject for Validation
Residential & Minor Structures	6	708,669.92	1 <sup>st</sup> DEO
	22	18,183,399.96	2 <sup>nd</sup> DEO
Other Improvements	-	-	
Other Entitlements:			
a. Income Loss		3,000.00	1 <sup>st</sup> DEO
b. Income Loss		15,000.00	2 <sup>nd</sup> DEO
Rehabilitation Assistance			Training of Skills for all Head/s of Household/s owning and/or living on residential structures severely affected by the Project (PhP 15,000 per HH).
		75,000.00	1 <sup>st</sup> DEO
		225,000.00	2 <sup>nd</sup> DEO
Disturbance Allowance		50,000.00	1 <sup>st</sup> DEO
		150,000.00	2 <sup>nd</sup> DEO
Transportation Allowance		-	If relocating, PAFs will be provided free transportation.
Plants and Trees		227,190.00	1 <sup>st</sup> DEO
		261,096.20	2 <sup>nd</sup> DEO
Sub-Total		70,926,275.02	
5% Management & Contingencies		3,546,313.75	
Total		74,472,588.77	CP-III

Table 8.5-1b: Summary of Total Estimated RAP Implementation Cost -- CP IV

Description	No.	Amount (Php)	Remarks
Land	228	143,272,226.26	Subject for Validation
Residential & Minor Structures	25	10,955,768.13	2 <sup>nd</sup> DEO
Other Improvements	-	-	
Other Entitlements			
Income Loss		3,000.00	2 <sup>nd</sup> DEO
Rehabilitation Assistance		255,000.00	Training of Skills for all Head/s of Household/s owning and/or living on residential structures severely affected by the Project (Php 15,000 per HH).
Disturbance Allowance		170,000.00	PhP 10,000 per HH
Transportation Allowance		-	If relocating, PAFs will be provided free transportation.
Plants and Trees		-	100% Tree Inventory will be undertaken during the As-Staked Survey. Funds for payment of affected trees are also provided to the concerned DEO by the RMC 1-UPMO.
<b>Sub-Total</b>		<b>154,655,994.39</b>	
<b>5% Management &amp; Contingencies Cost</b>		<b>7,732,799.72</b>	
<b>Total</b>		<b>162,388,794.11</b>	<b>CP-IV</b>

As shown in the first table above, estimated total cost of compensation for affected lots (agricultural and residential), residential and minor structures and other entitlements for Contract Package III amounts to PhP 74,472,588.77 including management and contingencies costs. On the other hand, as shown in the second table above, the estimated total cost of compensation for affected lots (agricultural and residential), residential and minor structures and other entitlements for Contract Package IV amounts to PhP 162,388,794.11 including management and contingencies costs.

Hence, estimated total cost of compensation for affected lots (agricultural and residential), residential and minor structures and other entitlements due to RROW acquisition for Contract Packages III & IV is approximately PhP 236,861,382.88 including management and contingencies costs.

The final compensation costs for other improvements, affected trees and other perennials will be determined during the conduct of As-Staked Survey.

CHAPTER 9

GRIEVANCE REDRESSAL

Grievance related to any aspect of the project will be handled through negotiations that are aimed at achieving consensus following the procedures outlined below:

- 1) Grievance/s will be filed by the PAF/s with the concerned Municipal RAP Implementation Committee (MRIC) who will act within 15 days upon receipt thereof, except complaints and grievances that specifically pertain to the valuation of affected assets, since such will be decided upon by the proper courts;
- 2) If no understanding or amicable solution can be reached, or if the PAF does not receive a response from the MRIC within 15 days of registry of the complaint, he/she can appeal to the concerned DPWH Regional Office, which should act on the complaint/ grievance within 15 days from the day of its filing;
- 3) If the PAF is not satisfied with the decision of the District Engineering Office, he/she, as a last resort, can submit the complaint to any court of law.

PAFs will be exempted from all administrative and legal fees incurred pursuant to the grievance redress procedures.

All complaints received in writing (or written when received verbally) from the PAFs will be documented and shall be acted upon immediately according to the procedures.

In the event that the PAF rejects the compensation at replacement cost offered by the DPWH, the DPWH or the PAF may take the matter to court. When court cases are resorted to by either the DPWH through expropriation or by the PAFs through legal complaints, the DPWH will deposit with the court in escrow the whole amount of the replacement cost (100 %) if it is offering the owner for his/ her assets as compensation to allow the DPWH to proceed with the works. The PAF will receive the replacement cost of the assets within one (1) month following the receipt of the decision of the court.



## CHAPTER 10

### INSTITUTIONAL ARRANGEMENT

To ensure the success of the various development programs of the government, all concerned public and private organizations and institutions were encouraged to strive to work closely together in policy and program formulation and implementation of the project.

The Land Acquisition, Resettlement, Rehabilitation and Indigenous Peoples' Policy Framework (LARRIP) of the DPWH requires that, in the design and implementation of the project, all efforts must be exercised to ensure that:

- 1) Adverse social and physical impacts are avoided, minimized and/ or mitigated;
- 2) Everybody, including project-affected families (PAFs), will benefit from the project;
- 3) PAFs are provided with sufficient compensation and assistance for lost assets which will assist them to improve or at least maintain their pre-project standard of living; and
- 4) Project stakeholders (which include PAFs) are consulted regarding the project design, implementation and operation.

In view of the above premises, the respective Municipal RAP Implementation Committee for Bustos and San Rafael were created to assist the DPWH implement its policy. A Memorandum of Understanding (MOU) between the DPWH and LGUs was executed.

#### 10.1 THE MUNICIPAL RAP IMPLEMENTATION COMMITTEE (MRIC)

An MRIC for each affected municipality was formed and composed of the following:

- 1) The Municipal Mayor;
- 2) The DPWH District Engineer;
- 3) The Chairpersons of the affected barangays;
- 4) A representative of the PAFs in every affected barangay; and
- 5) A representative of municipal-wide Non-Government Organization (NGO), if there is any, endorsed by the other members of the MRIC.

The functions of the MRIC are the following:

- 1) Assist the DPWH staff engaged in LARRIP activities in (a) validating the list of PAFs; (b) validating the assets of the PAFs that will be affected by the project (using a prepared compensation form; and (c) monitoring and implementing the LARRIP;

- 2) Assist the DPWH staff engaged in the LARRIP activities in the public information campaign, public participation and consultation;
- 3) Assist the DPWH in the payment of compensation to PAFs;
- 4) Receive complaints and grievances from PAFs and other stakeholders and act accordingly;
- 5) Maintain a record of all public meetings, complaints, and actions taken to address complaints and grievances; and
- 6) In coordination with concerned government authorities, assist in the enforcement of laws/ ordinances regarding encroachment into the project site or Right-Of-Way (ROW).

#### 10.2 THE FUNCTIONS OF THE DPWH OFFICES:

##### a. The RMC 1-UPMO

The RMC 1-UPMO shall have overall responsibility for implementing the construction of the project. In coordination with relevant agencies, the RMC 1-UPMO will manage and supervise the project, including resettlement activities and land acquisition. It shall ensure that funds for the timely implementation of the RAP are available and that expenses are properly accounted for. The UPMO will be assisted by the ESSD in providing technical guidance and support in the implementation of the RAP.

##### b. The Environmental and Social Safeguards Division (ESSD)

The ESSD shall provide technical guidance and support in the implementation of the RAP and will be responsible for the following resettlement activities:

- 1) Overall preparation and planning of the RAP;
- 2) Submit RAP budget plans (to include compensation, relocation costs, operation) for approval and allocation of needed resources by the DPWH Central Office;
- 3) In accordance with the Department's resettlement policies, guiding the District Engineering Offices and the Regional Offices in their tasks, such as the verification of PAFs, final inventory of affected assets, and information dissemination;
- 4) Amend or complement the RAP in case problems are identified during the internal and/or external monitoring of its implementation;
- 5) In collaboration with its counterpart in the region, follow-up with the DPWH Regional Office the processing of compensation claims of PAFs;
- 6) In collaboration with RMC 1-UPMO, monitor the actual payment of compensation to PAFs; and,

- 7) In collaboration with its regional counterpart, prepare periodic supervision and monitor reports on RAP implementation for submission to RMC 1-UPMO and to the Bank.

**c. The District Engineering Office**

As the major implementor of this undertaking, the DEO shall act as the Technical Coordinator and shall oversee:

- 1) The staking-out, verification and validation of the PAFs;
- 2) Conduct of inventory of properties that will be affected;
- 3) Approval of disbursement vouchers/ payments;
- 4) Submission of reports on disbursements and payments to PAFs to the Regional Office and the RMC 1-UPMO; and
- 5) Submission of Monthly Progress Report to the ESSD, Regional Office and the RMC 1-UPMO.

The DEO will also be a member of the MRIC and will actively participate in its functions.

**d. The Regional Office**

The Regional Office (RO) shall act as the Liaison between the ESSD and the District Office and shall see to it that the RAP is implemented as planned. Its specific activities are:

- 1) Monitor the RAP implementation and fund disbursement;
- 2) Submit the monthly progress report to ESSD; and
- 3) Monitor payments of PAFs.

The RO will also address grievances filed at its office by the PAFs for speedy resolution of said complaints as much as possible.

**CHAPTER 11**

**MONITORING MECHANISM**

The main objective of monitoring the implementation of the Resettlement Action Plan (RAP) is to determine whether or not the RAP is carried out in accordance with the Resettlement Policy. It involves the monitoring of land acquisition, payment of compensation for lost assets and resettlement of severely project-affected families/ persons, if necessary.

**11.1 SUPERVISION AND INTERNAL MONITORING**

The Environmental and Social Safeguards Division (ESSD) of the DPWH shall conduct the supervision and in-house monitoring of implementation of the RAP.

The tasks of the Internal Monitoring Agent (IMA) are to:

- 1) Regularly supervise and monitor the implementation of the RAP in coordination with the concerned District Engineering Office, Regional Office and the Municipal RAP Implementation Committee. The findings will be documented in the quarterly report to be submitted to the RMC 1-UPMO who in turn submits the same to the Bank;
- 2) Verify that the re-inventory baseline information of all PAFs has been carried out and that the valuation of assets lost or damaged, the provision of compensation and other entitlements, and relocation if there is any, have been carried out in accordance with the RAP Policy and the RAP Report;
- 3) To supervise that the RAP is implemented as designed and approved;
- 4) Verify that funds for implementing the RAP is provided by the RMC 1-UPMO in timely manner and in amounts sufficient for the purpose; and
- 5) Record all grievances and their resolution and ensure that complaints are dealt with, in timely manner.

**11.2 EXTERNAL MONITORING AND EVALUATION**

An External Monitoring Agent (EMA) shall do the external monitoring and evaluation. The EMA for this project is a consultancy firm with qualified and experienced staff with Terms of Reference acceptable to the Bank.

The tasks of the EMA are to:

- 1) Verify results of internal monitoring;
- 2) Assess whether resettlement objectives have been met; specifically, whether livelihoods and living standards have been restored or enhanced;
- 3) Assess resettlement efficiency, effectiveness, impact and sustainability, drawing lessons as guide to future resettlement policy making and planning;

- 4) Ascertain whether the resettlement entitlements were appropriate to meeting the objectives, and whether the objectives were suited to PAFs conditions; and
- 5) Suggest modification in the implementation procedures of the RAP, as in the case may be, to achieve the principles and objectives of the RAP Policy.

**11.3 STAGES OF MONITORING**

**a. Compliance Monitoring**

This is the first activity that the EMA shall undertake to determine whether or not the RAP is carried out as planned.

**b. Annual Monitoring**

During the execution of the project, there might be additional PAFs that will be identified. Thus, newly identified PAFs and the compensations paid are monitored.

**c. Post Evaluation Monitoring**

This activity has to be undertaken a year after the completion of the project to determine whether the economic conditions of the PAFs prior to implementation of the project have improved.

**11.4 REPORTING**

The EMA is accountable to the RMC 1-UPMO and reports to the ESSD. The RMC 1-UPMO submits a copy of the EMA's and IMA's Reports to the Bank.

**11.5 MONITORING INDICATORS**

**a. Monitoring Indicators for the IMA**

Monitoring Indicators	Basis for Indicators
1. Budget and timeframe	<ul style="list-style-type: none"> <li><input type="checkbox"/> Have all land acquisition and resettlement staff been appointed and mobilized for the field and office work on schedule?</li> <li><input type="checkbox"/> Have capacity building and training activities been completed on schedule?</li> <li><input type="checkbox"/> Are resettlement implementation activities being achieved against agreed implementation plan?</li> <li><input type="checkbox"/> Are funds for resettlement being allocated to resettlement agencies on time?</li> <li><input type="checkbox"/> Have resettlement offices received the scheduled funds?</li> <li><input type="checkbox"/> Have funds been disbursed according to RAP?</li> <li><input type="checkbox"/> Has the social preparation phase taken place as scheduled?</li> <li><input type="checkbox"/> Has all land been acquired and occupied in time for project implementation?</li> </ul>

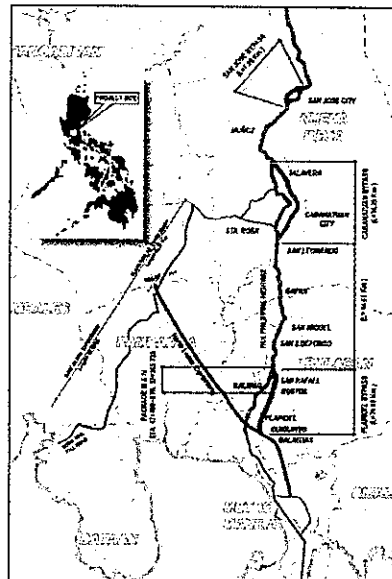




ARTERIAL ROAD BYPASS PROJECT, PHASE II  
Plaridel Bypass Road Project, Phase II

(Contract Packages III & IV)

**RESETTLEMENT ACTION PLAN (RAP)**



Annexes (Vol. 1)

JULY 2015

Annex "A"

*Tabulation of Lots Affected by the Road-Right-of-Way*



Annex "A<sub>n</sub>" List of Project Affected Families (PAFs) for Land - Contract Package III

No.	LOT OWNER	Barangay	Municipality	Province	Lot No.	Classification	Affected Area (Sq. M.)	Appraised Value (P/HP)	Estimated Cost (P/HP)
1	Erlinda Perez	Bonga Menor	Bustos	Bulacan	14-A-2-B	Residential	478	1,520.00	726,560.00
	Erlinda Perez	Bonga Menor	Bustos	Bulacan	14-A-5-B	Residential	147	1,520.00	223,440.00
2	Jose Perez & Erlinda Perez	Bonga Menor	Bustos	Bulacan	14-A-1-B	Residential	500	1,520.00	760,000.00
3	Centon Perez	Bonga Menor	Bustos	Bulacan	19	Agricultural	1,741	510.00	887,910.00
4	Herminda O. Shea M/To Michael O Shea	Bonga Menor	Bustos	Bulacan	58-B	Agricultural	1,953	510.00	996,030.00
5	Richard Perez	Bonga Menor	Bustos	Bulacan	57	Agricultural	193	510.00	98,430.00
6	Inelda Santos	Bonga Menor	Bustos	Bulacan	73	Agricultural	1,922	510.00	980,220.00
7	Lilitheth Oueja	Bonga Menor	Bustos	Bulacan	112	Agricultural	47	510.00	23,970.00
8	Hernigildo/Generado Cruz	Bonga Menor	Bustos	Bulacan	111	Agricultural	339	510.00	172,890.00
9	Rosario C. De Vidal	Bonga Menor	Bustos	Bulacan	110	Agricultural	524	510.00	267,240.00
10	Louises Ramos Et Al	Bonga Menor	Bustos	Bulacan	109	Agricultural	610	510.00	311,100.00
11	Lorela Roberto	Bonga Menor	Bustos	Bulacan	108-C	Agricultural	632	510.00	322,320.00
12	Lorela Roberto	Bonga Menor	Bustos	Bulacan	106-A	Agricultural	1,038	510.00	529,380.00
13	Lorela Roberto	Bonga Menor	Bustos	Bulacan	105-B	Agricultural	1,790	510.00	912,900.00
14	Leon T. Santos & Shirley Santos	Bonga Menor	Bustos	Bulacan	105	Agricultural	2,320	510.00	1,183,200.00
	Estelita Ramos	Bonga Menor	Bustos	Bulacan	147	Agricultural	1,424	510.00	726,240.00
	Carlos Camacho M/To Antonina Santos	Bonga Menor	Bustos	Bulacan	146	Agricultural	1,501	510.00	765,510.00
	R. P. (Patricio dela Cruz)	Bonga Menor	Bustos	Bulacan	145	Agricultural	1,733	510.00	883,830.00
	Benito Cruz M/To Jocelyn Malibuan	Bonga Menor	Bustos	Bulacan	144	Agricultural	2,434	510.00	1,241,340.00
	No Nang (Vicente Perez)	Bonga Menor	Bustos	Bulacan	137	Agricultural	2,001	510.00	1,020,510.00
	Maria Paulito	Bonga Menor	Bustos	Bulacan	141	Agricultural	1,337	510.00	681,870.00
	Abner Nicolas M/To Lazviminda Vicco	Bonga Menor	Bustos	Bulacan	142	Agricultural	1,446	510.00	737,460.00
	Lazaro Dino M/To Avelina Sebastian	Bonga Menor	Bustos	Bulacan	140	Agricultural	2,113	510.00	1,077,630.00
	Sturmino Lopez M/To Avelina Sebastian	Bonga Menor	Bustos	Bulacan	139	Agricultural	1,037	510.00	528,870.00
	Severino Sebastian	Bonga Menor	Bustos	Bulacan	201	Agricultural	210	510.00	107,100.00
	Maria Chua	Bonga Menor	Bustos	Bulacan	200	Agricultural	2,088	510.00	1,064,880.00
	Severino Sebastian	Bonga Menor	Bustos	Bulacan	199	Agricultural	2,258	510.00	1,151,880.00

Annex "A" List of Project Affected Families (PAFs) for Land

No.	LOT OWNER	Barangay	Municipality	Province	Lot No.	Classification	Affected Area (Sq. M.)	Appraised Value (P/HP)	Estimated Cost (P/HP)
	R. P. (Juan Lopez)	Bonga Menor	Bustos	Bulacan	198	Agricultural	549	510.00	279,990.00
	Eduardo Pelin	Bonga Menor	Bustos	Bulacan	214	Agricultural	469	510.00	239,190.00
	Antonio Lopez	Bonga Menor	Bustos	Bulacan	294	Agricultural	7	510.00	3,570
	Isaac Perez M/To Encarnacia Perez	Bonga Menor	Bustos	Bulacan	56	Agricultural	566	510.00	288,660.00
	Aurelia L. Lacuna M/To Ambrosio Lacuna	Bonga Menor	Bustos	Bulacan	74	Agricultural	1,887	510.00	962,370.00
	Santiago Perez M/To Maria Cruz	Bonga Menor	Bustos	Bulacan	20	Agricultural	49	510.00	24,990.00
	Republic of the Philippines	Bonga Menor	Bustos	Bulacan	293	Agricultural	3,839	510.00	2,977,890.00
15	Eduardo Pa Lim	Tambubong	San Rafael	Bulacan	3311-C	Agricultural	1,472	283.33	417,061.76
16	Maria Iral, et al.	Tambubong	San Rafael	Bulacan	3309-C	Agricultural	2,743	283.33	777,174.19
17	Guilber Aggregates Co., Inc.	Tambubong	San Rafael	Bulacan	3313-C	Agricultural	4,700	283.33	1,331,651.00
18	Carmelita Iral & Dolores Cruz	Tambubong	San Rafael	Bulacan	3431-A-2	Agricultural	1,031	283.33	292,113.23
19	Villamar Const. & Devt. Corp.	Tambubong	San Rafael	Bulacan	3431-B-3	Agricultural	3,580	283.33	1,014,321.40
20	Villamar Const. & Devt. Corp.	Tambubong	San Rafael	Bulacan	3431-B-3	Residential	486	3,000.00	1,458,000.00
21	William Const. & Devt. Corp.	Tambubong	San Rafael	Bulacan	626-B	Agricultural	1,549	283.33	438,878.17
	Lope Cristobal, Sr.	Tambubong	San Rafael	Bulacan	626-A*	Residential	1,144	3,000.00	3,432,000.00
22	Heirs of Rosario Iral	Tambubong	San Rafael	Bulacan	625-A	Agricultural	917	283.33	259,813.61
	Heirs of Rosario Iral	Tambubong	San Rafael	Bulacan	625-D	Agricultural	953	283.33	270,013.49
23	Julia Venturina	Tambubong	San Rafael	Bulacan	615-A	Agricultural	2,095	283.33	593,576.35
	Julia Venturina	Tambubong	San Rafael	Bulacan	615-B	Agricultural	49	283.33	13,883.17
	Julia Venturina	Tambubong	San Rafael	Bulacan	615-B	Residential	64	3,000.00	192,000.00
24	Eujalia Venturina	Tambubong	San Rafael	Bulacan	616-B	Agricultural	3,811	283.33	1,079,770.63
25	Rufino Iral (Vicente Iral)	Tambubong	San Rafael	Bulacan	614-B	Residential	173	3,000.00	519,000.00
26	Rufino Iral	Tambubong	San Rafael	Bulacan	472-A	Residential	206	3,000.00	618,000.00
27	Miguel Iral	Tambubong	San Rafael	Bulacan	472-B	Residential	228	3,000.00	684,000.00
28	Florencia Sanchez	Tambubong	San Rafael	Bulacan	472-C	Residential	215	3,000.00	825,000.00
29	Vicente Iral	Tambubong	San Rafael	Bulacan	472-E-2	Residential	160	3,000.00	480,000.00
30	Eugenio Cruz M/To Saturnina Iral	Tambubong	San Rafael	Bulacan	472-D-2	Residential	124	3,000.00	372,000.00
31	Defin Lumaban	Tambubong	San Rafael	Bulacan	473-B	Residential	598	3,000.00	1,794,000.00
32	Edmundo/Victoria Dela Cruz	Tambubong	San Rafael	Bulacan	474-A	Residential	181	3,000.00	543,000.00

Annex "A" List of Project Affected Families (PAFs) for Land

Resettlement Action Plan (Final Report)  
 Plaridel Bypass Road Project, Contract Packages III & IV  
 ARTERIAL ROAD BYPASS PROJECT, PHASE II

No.	LOT OWNER	Barangay	Municipality	Province	Lot No.	Classification	Affected Area (Sq. M.)	Appraised Value (Php)	Estimated Cost (Php)
	Leovigilda Dizon	Tambubong	San Rafael	Bulacan	474-B	Residential	46	3,000.00	138,000.00
33	María Tingson	Tambubong	San Rafael	Bulacan	475-B	Residential	6	3,000.00	18,000.00
34	Fortunato Torres & Alejandra Vicho	Tambubong	San Rafael	Bulacan	471-A	Residential	278	3,000.00	834,000.00
	Ernesto Yaguera	Tambubong	San Rafael	Bulacan	471-B	Residential	436	3,000.00	1,308,000.00
	Mariano D. Pano/Remedios Inlantado	Tambubong	San Rafael	Bulacan	471-C	Residential	436	3,000.00	1,308,000.00
	Alberto Cruz	Tambubong	San Rafael	Bulacan	471-D	Residential	436	3,000.00	1,308,000.00
	Eduardo Cruz	Tambubong	San Rafael	Bulacan	471-E	Residential	189	3,000.00	567,000.00
35	Victorino V. Ortiz	Tambubong	San Rafael	Bulacan	470-B-1-B	Residential	184	3,000.00	552,000.00
36	Rufino Iral	Tambubong	San Rafael	Bulacan	476-B	Residential	255	3,000.00	765,000.00
37	Napoleon Villaniamin	Tambubong	San Rafael	Bulacan	604-A-15-A	Residential	46	3,000.00	147,200.00
38	R. P. (Juchito Iral)	Tambubong	San Rafael	Bulacan	541-B	Agricultural	611	283.33	173,114.63
39	María Iral et al.	Tambubong	San Rafael	Bulacan	540-C	Agricultural	11,807	283.33	3,345,277.31

Annex "A<sub>18</sub>" List of Project Affected Families (PAFs) for Land - Contract Package IV

Annex "A" List of Project Affected Families (PAFs) for Land

Resettlement Action Plan (Final Report)  
 Plaridel Bypass Road Project, Contract Packages III & IV  
 ARTERIAL ROAD BYPASS PROJECT, PHASE II

Annex "A<sub>18</sub>" List of Project Affected Families (PAFs) for Land - Contract Package IV

No.	LOT OWNER	Barangay	Municipality	Province	Lot No.	Classification	Affected Area (Sq. M.)	Appraised Value (Php)	Estimated Cost (Php)
1	Nilsar Transport Corporation	Tambubong	San Rafael	Bulacan	523-A-1	Agricultural	2,159	283.33	611,709.47
	Nilsar Transport Corporation	Tambubong	San Rafael	Bulacan	523-A-2	Agricultural	1,140	283.33	322,996.20
	Nilsar Transport Corporation	Tambubong	San Rafael	Bulacan	523-A-3	Agricultural	648	283.33	183,597.84
	Nilsar Transport Corporation	Tambubong	San Rafael	Bulacan	523-A-4	Agricultural	14	283.33	3,966.62
2	Agnes Carlos/Celeste Isidro	Tambubong	San Rafael	Bulacan	523-C	Agricultural	189	283.33	53,549.37
4	Armando Indrial, et al.	Tambubong	San Rafael	Bulacan	539-C	Agricultural	1,962	283.33	555,893.46
5	Espesanza & Evangelista Trinidad	Tambubong	San Rafael	Bulacan	538-A-3	Agricultural	1,103	283.33	312,512.99
6	Jose Guzales	Tambubong	San Rafael	Bulacan	528-C	Agricultural	2,742	283.33	776,899.86
3	Angel Fernandez	Caingin	San Rafael	Bulacan	527-C	Agricultural	4,705	283.33	1,333,067.65
7	Maximo Subanaga	Caingin	San Rafael	Bulacan	498-E	Agricultural	3,189	300.00	956,700.00
	Rolando Gatuz	Caingin	San Rafael	Bulacan	498-F	Agricultural	2,268	300.00	680,400.00
8	Josephine R. Lozano	Caingin	San Rafael	Bulacan	499-F	Agricultural	614	300.00	1,842,000.00
9	Marilyn de Balen Sabariego	Caingin	San Rafael	Bulacan	499-C	Agricultural	7,014	300.00	2,014,200.00
10	R. P. (Nora Dela Cruz)	Caingin	San Rafael	Bulacan	2522-B	Agricultural	6,972	300.00	2,091,600.00
11	Ruperto Mangatias, Et Al	Caingin	San Rafael	Bulacan	490-C	Agricultural	873	300.00	261,900.00
12	Sebastian Trinidad Et Al	Caingin	San Rafael	Bulacan	489-C	Agricultural	6,382	300.00	1,914,600.00
13	Asian-Cadina Finance & Leasing Corp.	Caingin	San Rafael	Bulacan	488-B-3	Agricultural	907	300.00	272,100.00
14	Romeo Ramos, Et Al	Caingin	San Rafael	Bulacan	487-B	Residential	5,787	3,000.00	17,361,000.00
15	Adelina Trinidad Et Al	Caingin	San Rafael	Bulacan	488-C-2	Agricultural	66	300.00	19,800.00
	Eizabeth Arabes	Caingin	San Rafael	Bulacan	488-D	Residential	625	3,000.00	1,875,000.00
	Romeo Mnasnyac	Caingin	San Rafael	Bulacan	488-A		32		
16	Honorina Santos et al.	Caingin	San Rafael	Bulacan	461-D	Agricultural	13		
17	Mathilda Brobio	Caingin	San Rafael	Bulacan	462-B	Agricultural	8,349	300.00	2,950,500.00
18	Lacina Gina L. Viguiera	Caingin	San Rafael	Bulacan	459-C	Agricultural	946	300.00	283,800.00
19	Julia Venturina Et Al	Caingin	San Rafael	Bulacan	457-C	Agricultural	4,452	300.00	1,335,600.00
							1,730	300.00	519,000.00

Annex "A" List of Project Affected Families (PAFs) for Land - Contract Package IV

Resettlement Action Plan (Final Report)  
 Platidel Bypass Road Project, Contract Packages III & IV  
 ARTERIAL ROAD BYPASS PROJECT, PHASE II

No.	LOT OWNER	Barangay	Municipality	Province	Lot No.	Classification	Affected Area (Sq. M.)	Appraised Value (PhP)	Estimated Cost (PhP)
21	Oscar Moya & Inelda Moya	Cabugit	San Rafael	Bulacan	454-E-2	Agricultural	699	300.00	289,800.00
22	Greggson Moya	Cabugit	San Rafael	Bulacan	454-F-2	Agricultural	96	300.00	209,700.00
20	MOMARCO Import Company	Capitan	San Rafael	Bulacan	458-B	Residential	2,070	1,116.67	2,312,030.98
	MOMARCO Import Company	Capitan	San Rafael	Bulacan	458-B	Industrial	1,672	1,116.67	1,866,548.16
23	Luis Veron	Capitan	San Rafael	Bulacan	797-A-	Agricultural	1,106	375.09	414,849.54
	Luis Veron	Capitan	San Rafael	Bulacan	797-B-	Agricultural	369	375.09	138,408.21
24	Edilberto C. Marcos	Capitan	San Rafael	Bulacan	796-B-1-	Agricultural	581	375.09	217,927.29
	Edilberto C. Marcos	Capitan	San Rafael	Bulacan	796-B-2-	Agricultural	304	375.09	114,027.36
	Edilberto C. Marcos	Capitan	San Rafael	Bulacan	796-B-3-	Agricultural	275	375.09	103,149.75
25	Perla Moya	Capitan	San Rafael	Bulacan	1956-E-3	Agricultural	3,537	375.09	1,326,693.33
26	Sheryl V. Uy	Capitan	San Rafael	Bulacan	1956-D-3	Agricultural	2,508	375.09	940,725.72
27	Nestor Y. Alzoni	Capitan	San Rafael	Bulacan	1956-C-3	Agricultural	4,917	375.09	1,844,317.53
28	Reynaldo T. del Rosario	Capitan	San Rafael	Bulacan	1956-B-3	Agricultural	1,512	375.09	567,136.08
29	Elizabeth Felipe	Capitan	San Rafael	Bulacan	1958-C	Agricultural	3,231	375.09	1,211,915.79
30	Benjamin Santos	Capitan	San Rafael	Bulacan	3436-A-	Agricultural		375.09	
	Epifania Santiago	Capitan	San Rafael	Bulacan	3436-B-	Agricultural		375.09	
31	Filinvest Land, Inc.	Capitan	San Rafael	Bulacan	1955-C	Agricultural	6,329	375.09	2,561,489.61
32	Faustino Ventucillo	Capitan	San Rafael	Bulacan	3434-B	Agricultural	268	375.09	78,018.72
33	Filinvest Land, Inc.	Capitan	San Rafael	Bulacan	3437-C	Agricultural	3,570	375.09	1,339,071.30
34	Filinvest Land, Inc.	Capitan	San Rafael	Bulacan	3435-B	Agricultural	2,526	375.09	947,477.34
35	Rufino Villanar	Capitan	San Rafael	Bulacan	1952-B	Agricultural	3,099	375.09	1,162,403.91
36	Narciso Santiago	Capitan	San Rafael	Bulacan	1953-C	Agricultural	2,231	375.09	836,825.79
37	Lilia & Francisco S. Lopez, Et Al	Capitan	San Rafael	Bulacan	803-B-2	Agricultural	1,375	375.09	515,748.75
38	Ruperto Mangalinas, Et Al	Capitan	San Rafael	Bulacan	986-C	Agricultural	4,299	375.09	1,612,511.91
39	Cornelio dela Cruz	Capitan	San Rafael	Bulacan	917-C&D	Agricultural	3,663	375.09	1,373,954.67
40	Rufino Santos	San Roque	San Rafael	Bulacan	988-C	Agricultural	1,816	290.00	526,640.00
41	Cecilio B. Chamanan Et Al.	San Roque	San Rafael	Bulacan	990-B-3	Agricultural	4,711	290.00	1,366,190.00
42	Ciriaco Lazuz	San Roque	San Rafael	Bulacan	496-B	Agricultural	75	290.00	21,750.00
43	Edgardo dela Cruz	San Roque	San Rafael	Bulacan	493-A-1-B	Residential	342	750.00	256,500.00

Annex "A" List of Project Affected Families (PAFs) for Land - Contract Package IV

Resettlement Action Plan (Final Report)  
 Platidel Bypass Road Project, Contract Packages III & IV  
 ARTERIAL ROAD BYPASS PROJECT, PHASE II

No.	LOT OWNER	Barangay	Municipality	Province	Lot No.	Classification	Affected Area (Sq. M.)	Appraised Value (PhP)	Estimated Cost (PhP)
44	Ernesto dela Cruz	San Roque	San Rafael	Bulacan	493-A-2-B	Residential	285	750.00	213,750.00
45	Nelson dela Cruz	San Roque	San Rafael	Bulacan	493-A-3-B	Residential	217	750.00	185,250.00
46	Felipe dela Cruz	San Roque	San Rafael	Bulacan	493-A-4-B	Residential	246	750.00	183,750.00
47	Fernando dela Cruz	San Roque	San Rafael	Bulacan	493-A-5-B	Residential	354	750.00	265,500.00
48	Rosmarie dela Cruz	San Roque	San Rafael	Bulacan	493-A-9-B	Residential	260	750.00	195,000.00
49	Meliza M. dela Cruz Rodriguez	San Roque	San Rafael	Bulacan	493-A-10-B	Residential	879	750.00	659,250.00
50	Marlin Violago	San Roque	San Rafael	Bulacan	801-A-	Residential	479	750.00	314,250.00
	Luis To	San Roque	San Rafael	Bulacan	801-B-	Agricultural	477	290.00	138,330.00
	Leonardo Moya M/To Corazon Moya	San Roque	San Rafael	Bulacan	842-A-	Agricultural	1,006	290.00	291,740.00
	Juan Ponce, Jr. M/To Josefin Pennafiel	San Roque	San Rafael	Bulacan	842-B-1-B-	Agricultural	10,920	290.00	3,166,800.00
	Dominador Taule M/To Uelde Taule	San Roque	San Rafael	Bulacan	842-B-1-C-	Agricultural	76	290.00	22,040.00
52	Reynaldo Pile M/To T. Villarreal	San Roque	San Rafael	Bulacan	892-B-1-D-2	Agricultural	12	290.00	3,480.00
	Filinvest Land, Inc.	San Roque	San Rafael	Bulacan	836-B-1-	Agricultural	238	290.00	69,020.00
	Filinvest Land, Inc.	San Roque	San Rafael	Bulacan	836-B-2-	Agricultural	2,254	290.00	653,660.00
	Filinvest Land, Inc.	San Roque	San Rafael	Bulacan	836-B-3-	Residential	1,453	290.00	1,089,750.00
	Filinvest Land, Inc.	San Roque	San Rafael	Bulacan	836-B-4-	Residential	1,473	290.00	427,170.00
	Filinvest Land, Inc.	San Roque	San Rafael	Bulacan	836-B-5-	Residential	1,647	750.00	1,232,500.00
	Filinvest Land, Inc.	San Roque	San Rafael	Bulacan	837-	Residential	2,247	750.00	1,685,250.00
53	Filinvest Land, Inc.	San Roque	San Rafael	Bulacan	828-C	Residential	11,617	750.00	8,712,750.00
56	Filinvest Land, Inc.	San Roque	San Rafael	Bulacan	827-A-	Agricultural	3,520	750.00	2,640,000.00
57	Policidad Valbuena	Maguinoo	San Rafael	Bulacan	827-A-	Agricultural	1,713	495.00	847,935.00
58	Leonora Leonardo	Maguinoo	San Rafael	Bulacan	826-D-	Agricultural	4,114	495.00	2,036,430.00
59	Teresita O. del Carmen	Maguinoo	San Rafael	Bulacan	825-A-1-C-	Agricultural	4,217	495.00	2,087,415.00
	Teresita O. del Carmen	Maguinoo	San Rafael	Bulacan	825-A-1-B-	Agricultural	1,697	495.00	840,915.00
	Sps. Simcon Abaya / N. Silverio	Maguinoo	San Rafael	Bulacan	825-A-3-A-2-	Agricultural	46	495.00	22,770.00
60	Melencio Sevilla	Maguinoo	San Rafael	Bulacan	1422-C-2	Agricultural	52	495.00	25,740.00
61	Donato Cruz Trading	Maguinoo	San Rafael	Bulacan	1422-B-2-B	Agricultural	2,288	495.00	1,132,560.00
	Rural Progress Administration	Maguinoo	San Rafael	Bulacan	1422-B-1-B	Agricultural	2,653	495.00	1,312,235.00

Annex "A" List of Project Affected Families (PAFs) for Land - Contract Package IV



Resettle Action Plan (Final Report)  
Plaridel Bypass Road Project, Contract Packages III & IV  
ARTERIAL ROAD BYPASS PROJECT, PHASE II

No.	LOT OWNER	Barangay	Municipality	Province	Lot No.	Classification	Affected Area (Sq. M.)	Appraised Value (P/HP)	Estimated Cost (P/HP)
62	Filipino Financial Corporation	Maguinao	San Rafael	Bulacan	B2L2	Residential	18	2,180.00	39,240.00
	Filipino Financial Corporation	Maguinao	San Rafael	Bulacan	B2L3	Residential	120	2,180.00	261,600.00
	Filipino Financial Corporation	Maguinao	San Rafael	Bulacan	B2L4	Residential	129	2,180.00	281,220.00
	Filipino Financial Corporation	Maguinao	San Rafael	Bulacan	B2L5	Residential	120	2,180.00	261,600.00
	Filipino Financial Corporation	Maguinao	San Rafael	Bulacan	B2L6	Residential	82	2,180.00	178,760.00
	Filipino Financial Corporation	Maguinao	San Rafael	Bulacan	B2L2	Residential	21	2,180.00	45,780.00
	Filipino Financial Corporation	Maguinao	San Rafael	Bulacan	B2L3	Residential	25	2,180.00	54,500.00
	Filipino Financial Corporation	Maguinao	San Rafael	Bulacan	B2L4	Residential	24	2,180.00	52,320.00
	Filipino Financial Corporation	Maguinao	San Rafael	Bulacan	B2L5	Residential	24	2,180.00	52,320.00
	Filipino Financial Corporation	Maguinao	San Rafael	Bulacan	B2L6	Residential	34	2,180.00	74,120.00
	Filipino Financial Corporation	Maguinao	San Rafael	Bulacan	B2L7	Residential	27	2,180.00	58,860.00
	Filipino Financial Corporation	Maguinao	San Rafael	Bulacan	B2L8	Residential	21	2,180.00	45,780.00
	Filipino Financial Corporation	Maguinao	San Rafael	Bulacan	B2L9	Residential	21	2,180.00	45,780.00
	Filipino Financial Corporation	Maguinao	San Rafael	Bulacan	B2L10	Residential	20	2,180.00	43,600.00
	Filipino Financial Corporation	Maguinao	San Rafael	Bulacan	B2L11	Residential	19	2,180.00	41,420.00
	Filipino Financial Corporation	Maguinao	San Rafael	Bulacan	B2L12	Residential	19	2,180.00	41,420.00
	Filipino Financial Corporation	Maguinao	San Rafael	Bulacan	B2L13	Residential	19	2,180.00	41,420.00
	Filipino Financial Corporation	Maguinao	San Rafael	Bulacan	B2L14	Residential	29	2,180.00	63,220.00
	Filipino Financial Corporation	Maguinao	San Rafael	Bulacan	B2L15	Residential	35	2,180.00	76,300.00
	Filipino Financial Corporation	Maguinao	San Rafael	Bulacan	B2L16	Residential	36	2,180.00	78,480.00
	Filipino Financial Corporation	Maguinao	San Rafael	Bulacan	B2L17	Residential	37	2,180.00	80,660.00
	Filipino Financial Corporation	Maguinao	San Rafael	Bulacan	B2L18	Residential	38	2,180.00	82,840.00
	Filipino Financial Corporation	Maguinao	San Rafael	Bulacan	B2L19	Residential	40	2,180.00	87,200.00
	Filipino Financial Corporation	Maguinao	San Rafael	Bulacan	B2L20	Residential	38	2,180.00	82,840.00
	Filipino Financial Corporation	Maguinao	San Rafael	Bulacan	B2L21	Residential	18	2,180.00	39,240.00
	Filipino Financial Corporation	Maguinao	San Rafael	Bulacan	B2L22	Residential	137	2,180.00	298,660.00
	Filipino Financial Corporation	Maguinao	San Rafael	Bulacan	B2L24	Residential	132	2,180.00	287,760.00
	Filipino Financial Corporation	Maguinao	San Rafael	Bulacan	B2L25	Residential	127	2,180.00	276,860.00
	Filipino Financial Corporation	Maguinao	San Rafael	Bulacan	B2L26	Residential	122	2,180.00	265,960.00

Annex "A" List of Project Affected Families (PAFs) for Land - Contract Package IV

Resettle Action Plan (Final Report)  
Plaridel Bypass Road Project, Contract Packages III & IV  
ARTERIAL ROAD BYPASS PROJECT, PHASE II

No.	LOT OWNER	Barangay	Municipality	Province	Lot No.	Classification	Affected Area (Sq. M.)	Appraised Value (P/HP)	Estimated Cost (P/HP)
	Filipino Financial Corporation	Maguinao	San Rafael	Bulacan	B2L27	Residential	47	2,180.00	102,460.00
	Filipino Financial Corporation	Maguinao	San Rafael	Bulacan	B3L1	Residential	177	2,180.00	385,860.00
	Filipino Financial Corporation	Maguinao	San Rafael	Bulacan	B3L2	Residential	110	2,180.00	239,800.00
	Filipino Financial Corporation	Maguinao	San Rafael	Bulacan	B3L3	Residential	120	2,180.00	261,600.00
	Filipino Financial Corporation	Maguinao	San Rafael	Bulacan	B3L4	Residential	120	2,180.00	261,600.00
	Filipino Financial Corporation	Maguinao	San Rafael	Bulacan	B3L5	Residential	64	2,180.00	139,520.00
	Filipino Financial Corporation	Maguinao	San Rafael	Bulacan	B3L6	Residential	120	2,180.00	261,600.00
	Filipino Financial Corporation	Maguinao	San Rafael	Bulacan	B3L8	Residential	6	2,180.00	13,080.00
	Filipino Financial Corporation	Maguinao	San Rafael	Bulacan	B4L1	Residential	127	2,180.00	276,860.00
	Filipino Financial Corporation	Maguinao	San Rafael	Bulacan	B4L2	Residential	153	2,180.00	333,540.00
	Filipino Financial Corporation	Maguinao	San Rafael	Bulacan	B4L3	Residential	120	2,180.00	261,600.00
	Filipino Financial Corporation	Maguinao	San Rafael	Bulacan	B4L4	Residential	120	2,180.00	261,600.00
	Filipino Financial Corporation	Maguinao	San Rafael	Bulacan	B4L6	Residential	120	2,180.00	261,600.00
	Filipino Financial Corporation	Maguinao	San Rafael	Bulacan	B4L7	Residential	120	2,180.00	261,600.00
	Filipino Financial Corporation	Maguinao	San Rafael	Bulacan	B4L8	Residential	120	2,180.00	261,600.00
	Filipino Financial Corporation	Maguinao	San Rafael	Bulacan	B4L10	Residential	120	2,180.00	261,600.00
	Filipino Financial Corporation	Maguinao	San Rafael	Bulacan	B4L11	Residential	120	2,180.00	261,600.00
	Filipino Financial Corporation	Maguinao	San Rafael	Bulacan	B4L12	Residential	120	2,180.00	261,600.00
	Filipino Financial Corporation	Maguinao	San Rafael	Bulacan	B4L13	Residential	120	2,180.00	261,600.00
	Filipino Financial Corporation	Maguinao	San Rafael	Bulacan	B4L14	Residential	120	2,180.00	261,600.00
	Filipino Financial Corporation	Maguinao	San Rafael	Bulacan	B4L15	Residential	120	2,180.00	261,600.00
	Filipino Financial Corporation	Maguinao	San Rafael	Bulacan	B4L16	Residential	120	2,180.00	261,600.00
	Filipino Financial Corporation	Maguinao	San Rafael	Bulacatu	B4L17	Residential	140	2,180.00	305,200.00
	Filipino Financial Corporation	Maguinao	San Rafael	Bulacan	B4L18	Residential	132	2,180.00	287,760.00
	Filipino Financial Corporation	Maguinao	San Rafael	Bulacan	B4L19	Residential	117	2,180.00	255,060.00
	Filipino Financial Corporation	Maguinao	San Rafael	Bulacan	B5L3	Residential	10	2,180.00	21,800.00
	Filipino Financial Corporation	Maguinao	San Rafael	Bulacan	B5L10	Residential	24	2,180.00	52,320.00

Annex "A" List of Project Affected Families (PAFs) for Land - Contract Package IV

Resettle Action Plan (Final Report)  
 Plaridel Bypass Road Project, Contract Packages III & IV  
 ARTERIAL ROAD BYPASS PROJECT, PHASE II

No.	LOT OWNER	Barangay	Municipality	Province	Lot No.	Classification	Affected Area (Sq. M.)	Appraised Value (P/HP)	Estimated Cost (P/HP)
	Filipino Financial Corporation	Maguiniao	San Rafael	Bulacan	B9L12	Residential	33	2,180.00	71,940.00
	Filipino Financial Corporation	Maguiniao	San Rafael	Bulacan	B5L14	Residential	45	2,180.00	98,100.00
	Filipino Financial Corporation	Maguiniao	San Rafael	Bulacan	B9L16	Residential	46	2,180.00	100,280.00
	Filipino Financial Corporation	Maguiniao	San Rafael	Bulacan	B5L18	Residential	56	2,180.00	122,080.00
	Filipino Financial Corporation	Maguiniao	San Rafael	Bulacan	B8L1	Residential	119	2,180.00	259,420.00
	Filipino Financial Corporation	Maguiniao	San Rafael	Bulacan	B8L2	Residential	134	2,180.00	292,120.00
	Filipino Financial Corporation	Maguiniao	San Rafael	Bulacan	B8L3	Residential	141	2,180.00	307,380.00
	Filipino Financial Corporation	Maguiniao	San Rafael	Bulacan	B8L4	Residential	120	2,180.00	261,600.00
	Filipino Financial Corporation	Maguiniao	San Rafael	Bulacan	B8L5	Residential	120	2,180.00	261,600.00
	Filipino Financial Corporation	Maguiniao	San Rafael	Bulacan	B8L5	Residential	120	2,180.00	261,600.00
	Filipino Financial Corporation	Maguiniao	San Rafael	Bulacan	B8L7	Residential	105	2,180.00	228,900.00
	Filipino Financial Corporation	Maguiniao	San Rafael	Bulacan	B8L8	Residential	11	2,180.00	23,980.00
	Filipino Financial Corporation	Maguiniao	San Rafael	Bulacan	B9L1	Residential	118	2,180.00	257,240.00
	Filipino Financial Corporation	Maguiniao	San Rafael	Bulacan	B9L2	Residential	133	2,180.00	289,940.00
	Filipino Financial Corporation	Maguiniao	San Rafael	Bulacan	B9L3	Residential	140	2,180.00	305,200.00
	Filipino Financial Corporation	Maguiniao	San Rafael	Bulacan	B9L4	Residential	120	2,180.00	261,600.00
	Filipino Financial Corporation	Maguiniao	San Rafael	Bulacan	B9L5	Residential	120	2,180.00	261,600.00
	Filipino Financial Corporation	Maguiniao	San Rafael	Bulacan	B9L6	Residential	115	2,180.00	250,700.00
	Filipino Financial Corporation	Maguiniao	San Rafael	Bulacan	B9L7	Residential	88	2,180.00	191,840.00
	Filipino Financial Corporation	Maguiniao	San Rafael	Bulacan	B9L8	Residential	8	2,180.00	17,440.00
	Filipino Financial Corporation	Maguiniao	San Rafael	Bulacan	Road 1	Residential	351	2,180.00	765,180.00
	Filipino Financial Corporation	Maguiniao	San Rafael	Bulacan	Road 2	Residential	1,281	2,180.00	2,792,580.00
	Filipino Financial Corporation	Maguiniao	San Rafael	Bulacan	Road 3	Residential	202	2,180.00	440,160.00
	Filipino Financial Corporation	Maguiniao	San Rafael	Bulacan	Road 4	Residential	621	2,180.00	1,353,780.00
	Filipino Financial Corporation	Maguiniao	San Rafael	Bulacan	Road 8	Residential	243	2,180.00	529,740.00
	Filipino Financial Corporation	Maguiniao	San Rafael	Bulacan	Road 9	Residential	244	2,180.00	531,920.00
	Filipino Financial Corporation	Maguiniao	San Rafael	Bulacan	Road 10	Residential	300	2,180.00	654,000.00
	Filipino Financial Corporation	Maguiniao	San Rafael	Bulacan	Easement	Residential	117	2,180.00	255,060.00
64	Beleñita P. Santos	Diliman 1	San Rafael	Bulacan	1420-C	Agricultural	2,376	211.50	502,524.00

Annex "A" List of Project Affected Families (PAFs) for Land - Contract Package IV

Resettle Action Plan (Final Report)  
 Plaridel Bypass Road Project, Contract Packages III & IV  
 ARTERIAL ROAD BYPASS PROJECT, PHASE II

No.	LOT OWNER	Barangay	Municipality	Province	Lot No.	Classification	Affected Area (Sq. M.)	Appraised Value (P/HP)	Estimated Cost (P/HP)
65	Benjamin Sia	Diliman 1	San Rafael	Bulacan	1419-A-	Agricultural	5,931	211.50	1,254,406.50
	Benjamin Sia	Diliman 1	San Rafael	Bulacan	1419-B-1-	Agricultural	13	211.50	2,749.50
	Pepito Francisco M/To A. Alarcon	Diliman 1	San Rafael	Bulacan	1419-B-2-D-	Agricultural	8	211.50	1,692.00
	Benjamin Sia M/To Elsa Sta. Maria Sia	Diliman 1	San Rafael	Bulacan	1419-B-3-	Agricultural	2,453	211.50	518,809.50
	Erniada Oligario	Diliman 1	San Rafael	Bulacan	1416-E-	Agricultural	15	211.50	3,172.50
	Isabel De Guzman	Diliman 1	San Rafael	Bulacan	1416-F-	Agricultural	33	211.50	6,979.50
		Diliman 1	San Rafael	Bulacan	1416-F-10-	Residential	15	715.00	10,725.00
		Diliman 1	San Rafael	Bulacan	1416-F-11-	Residential	13	715.00	9,295.00
		Diliman 1	San Rafael	Bulacan	1416-F-21-	Residential	5	715.00	3,575.00
	Luisa Moya	Diliman 1	San Rafael	Bulacan	1416-G-	Residential	18	715.00	12,870.00
		Diliman 1	San Rafael	Bulacan	1416-H-	Residential	13	715.00	9,295.00
	Lilibeth D. Jose	Diliman 1	San Rafael	Bulacan	1416-I	Residential	39	715.00	27,885.00
66	Benjamin Novicio	Diliman 1	San Rafael	Bulacan	1418-C	Residential	1,265	715.00	1,404,975.00
68	Republic of the Philippines	Diliman 1	San Rafael	Bulacan	P. LAND-2	Residential	402	715.00	287,430.00
69	Myrna Iteo	Diliman 1	San Rafael	Bulacan	1599-C-2-B-1-	Agricultural		211.50	
	Caroleen Ioy Iteo	Diliman 1	San Rafael	Bulacan	1599-C-2-B-2-A-	Agricultural		211.50	
	Eufrencia R. Valero	Diliman 1	San Rafael	Bulacan	1599-C-2-B-2-B-1-	Residential	6	715.00	4,290.00
	Eufrencia R. Valero	Diliman 1	San Rafael	Bulacan	1599-C-2-B-2-B-1-	Residential	92	715.00	65,780.00
	Nerissa R. Valero/Ronald T. Valero	Diliman 1	San Rafael	Bulacan	1599-C-2-B-2-B-2-	Residential	11	715.00	7,865.00
	Eufrencia R. Valero	Diliman 1	San Rafael	Bulacan	1599-C-3-B-1-	Agricultural	3	211.50	634.50
70	Lakandira Iteo	Diliman 1	San Rafael	Bulacan	1599-C-3-C	Residential	1,549	715.00	1,107,535.00
	Lakandira Iteo	Diliman 1	San Rafael	Bulacan	1599-C-3-C	Commercial	150	715.00	107,250.00
	Chizar E. Iteo	Diliman 1	San Rafael	Bulacan	1599-C-3-A-2	Residential	647	715.00	462,605.00
71	Lakandira Iteo M/To Coronzon Iteo	Diliman 1	San Rafael	Bulacan	1599-C-4-B	Residential	12	211.50	2,538.00
72	Philippine Postal Savings Bank	Mabalas-baldas	San Rafael	Bulacan	BLK 12-2	Residential	139	2,357.14	327,842.46
67	Arnol Iteo	Mabalas-baldas	San Rafael	Bulacan	1562-E-	Residential	153	2,357.14	360,642.42
73	Lauro Belo	Mabalas-baldas	San Rafael	Bulacan	1359-A-	Residential	1,405	371.43	521,859.15
	Bonifacia Ile	Mabalas-baldas	San Rafael	Bulacan	1359-B-	Agricultural		371.43	
74	Rafael Serrano	Mabalas-baldas	San Rafael	Bulacan	1498-C	Agricultural	6,969	371.43	2,588,495.67

Annex "A" List of Project Affected Families (PAFs) for Land - Contract Package IV

Resteño, C. Action Plan (Final Report)  
 Plinidel Bypass Road Project, Contract Packages III & IV  
 ARTERIAL ROAD BYPASS PROJECT, PHASE II

No.	LOT OWNER	Barangay	Municipality	Province	Lot No.	Classification	Affected Area (Sq.M.)	Appraised Value (Php)	Estimated Cost (Php)
75	Segundo Santos Mababalas-babalas	San Rafael	Bulacan	1357-C	Agricultural	790	371.43	293,429.70	
	Maria Nieves Dela Fuente Et Al	San Rafael	Bulacan	1497 (Port)	Agricultural	62	371.43	23,028.66	
77	Erlinda M/To Guadencio De Guzman Mababalas-babalas	San Rafael	Bulacan	2003-1-	Agricultural	642	371.43	238,458.06	
	Pedro Flamenco (Heirs of E. Manalo)	San Rafael	Bulacan	2003-3-	Agricultural	1,266	371.43	470,230.38	
	Arsenio Manillo	San Rafael	Bulacan	2003-4-	Agricultural	1,795	371.43	666,716.85	
	Gomercindo Manalo	San Rafael	Bulacan	2003-5-	Agricultural	3,554	371.43	1,320,062.22	
	Olympia Maunlo	San Rafael	Bulacan	2003-6-	Agricultural	5,386	371.43	2,000,521.98	
78	Nieves Valmeo M/To Arsenio Valmeo Mababalas-babalas	San Rafael	Bulacan	1354-18-	Agricultural	905	371.43	224,715.15	
79	Ruben Manalo Mababalas-babalas	San Rafael	Bulacan	1496-A-	Agricultural	348	371.43	129,257.64	
80	Magdalena Rodriguez Mababalas-babalas	San Rafael	Bulacan	1494-C-	Agricultural	3,550	371.43	1,318,576.50	
	Magdalena Rodriguez	San Rafael	Bulacan	1494-D-	Agricultural	2,123	371.43	788,545.89	
81	Jose Sebastian Maasin	San Rafael	Bulacan	1493-B	Agricultural	1,492	250.00	373,000.00	
82	Demetrio Santos Maasin	San Rafael	Bulacan	1480-B	Agricultural	130	250.00	32,500.00	
83	Consores Dernal, Widow Maasin	San Rafael	Bulacan	1481-A-	Agricultural	1,869	250.00	467,250.00	
	Jose Rivera M/To Rita Tolentino Maasin	San Rafael	Bulacan	1481-B-	Agricultural	3,848	250.00	962,000.00	
	Pelipe Rivera Et Al Maasin	San Rafael	Bulacan	1481-C-	Agricultural	7,970	250.00	1,992,500.00	
84	Victoria Isidro M/To Cirilo Honorio Maasin	San Rafael	Bulacan	1486-C	Agricultural	3,225	250.00	806,250.00	
85	Emerson T. Magadia Maasin	San Rafael	Bulacan	1485-D-1-	Commercial	1,892	2,000.00	3,784,000.00	
86	Romeo Jimenez M/To Mn. C. Nacul Maasin	San Rafael	Bulacan	1485-E-2-	Agricultural	1,867	250.00	466,750.00	
87	Juliver Limando Maasin	San Rafael	Bulacan	1485-E-2	Agricultural	397	250.00	95,250.00	
88	Romeo Jimenez Maasin	San Rafael	Bulacan	1485-C-	Agricultural	137	250.00	34,250.00	
	Milani Gomez Maasin	San Rafael	Bulacan	1485-B-2-	Agricultural	26	2,500.00	6,500.00	
89	Sps. Alexander & Alicia Eusebio Maasin	San Rafael	Bulacan	1485-B-1-	Res./Com.	43	2,000.00	86,000.00	
90	Alicia E. Eusebio Maasin	San Rafael	Bulacan	1485-A-1-B	Commercial	29	2,000.00	58,000.00	
91	Rommel T. Gomez Maasin	San Rafael	Bulacan	1485-A-2-A2	Commercial	78	2,000.00	56,000.00	
				1485-A-2-B-2	Agricultural	47	250.00	11,750.00	

Annex "A" List of Project Affected Families (PAFs) for Land - Contract Package IV

ARTERIAL ROAD BYPASS PROJECT, PHASE II  
 Plinidel Bypass Road Project, Phase II  
 Contract Package III (TAIDEC)

Tabulation Of Lots Affected by the Road-Right-of-Way

No.	Lot Owner's Name	Lot No.	OC/VICT No.	Tax Dec. No.	Lot Area	Affected Area	Remaining	Location	Classification	Comp. N. (As Per PAC)	Estimated Cost (Php)
1	ERLINDA PEREZ	144-2	T-28107 (NO. ICT)	2004-06003-00372	1,090	278	812	BONGA MENOR	Residential	1,320.00	725,860.00
2	ERLINDA PEREZ	144-3	T-28107 (NO. ICT)	2004-06003-00372	219	107	112	BONGA MENOR	Residential	1,320.00	223,440.00
3	ERLINDA PEREZ	144-3	T-28107 (NO. ICT)	2004-06003-00372	500	500	0	BONGA MENOR	Residential	1,320.00	760,000.00
4	ERLINDA PEREZ	15	T-287056	2004-06003-00377	6,844	1,741	4,803	BONGA MENOR	Agricultural	510.00	887,810.00
5	ISAC PEREZ M/TO MARIA CRUZ	20	T-287056	2014-06003-00464	3,840	49	3,484	BONGA MENOR	Agricultural	510.00	21,985.00
6	SANTO PEREZ M/TO ENGRACIA PEREZ	69	CLOA-T-3746	2014-06003-00593	2,832	585	2,055	BONGA MENOR	Agricultural	510.00	268,660.00
7	RICHARD PEREZ	87	CLOA-T-3746	2004-06003-00593	1,099	193	903	BONGA MENOR	Agricultural	510.00	93,430.00
8	HERMINIA O SHEA M/TO MICHAEL O SHEA	65-B	T-283190	2004-06003-01180	6,252	1,953	4,278	BONGA MENOR	Agricultural	510.00	958,030.00
9	IMELDA SANTOS	73	T-289597	2004-06003-01180	5,132	1,462	2,292	BONGA MENOR	Agricultural	510.00	286,660.00
10	AURELIA L. LACUNA M/TO ALBERGRO LACUNA	74	T-289597	2004-06003-01180	5,232	1,377	3,855	BONGA MENOR	Agricultural	510.00	953,170.00
11	LEIBETH DUELA	172	CLOA-T-3746	2004-06003-01187	2,212	339	1,873	BONGA MENOR	Agricultural	510.00	233,700.00
12	HERMINIOLOCHERERARDO CRUZ	110	T-281857	2004-06003-01183	1,989	524	1,464	BONGA MENOR	Agricultural	510.00	172,890.00
13	CONDORES RAMOS ET AL	109	T-281857	2004-06003-01183	1,818	810	1,008	BONGA MENOR	Agricultural	510.00	247,240.00
14	BENITO A. CRUZ	108	T-281857	2004-06003-01183	1,912	639	1,273	BONGA MENOR	Agricultural	510.00	311,100.00
15	LORETA ROBERTO	106-A	T-271929	2004-06003-01183	4,852	1,059	3,793	BONGA MENOR	Agricultural	510.00	372,320.00
16	ESTELITA RAMOS	106-B	T-271929	2004-06003-01183	4,853	1,790	3,063	BONGA MENOR	Agricultural	510.00	529,380.00
17	LEA T. SANTOS & SHIRLEY SANTOS	105	T-124882	2004-06003-01177	9,185	2,423	6,762	BONGA MENOR	Agricultural	510.00	173,500.00
18	LEA T. SANTOS & SHIRLEY SANTOS	147	T-288712	2014-06003-00449	6,058	1,561	4,497	BONGA MENOR	Agricultural	510.00	728,440.00
19	CARLOS CAMACHO M/TO ANTONINA SANTOS	144	T-168338	2014-06003-00431	7,084	1,733	5,351	BONGA MENOR	Agricultural	510.00	765,610.00
20	HERNANDO LOPEZ M/TO JOCELYN MALALUAN	143	T-168338	2014-06003-00431	2,052	2,434	2,618	BONGA MENOR	Agricultural	510.00	883,840.00
21	PE. P. PATRICIO OBIA CHOI	142	T-134652	2014-06003-00431	28,411	2,051	23,410	BONGA MENOR	Agricultural	510.00	1,020,610.00
22	HERNANDO LOPEZ M/TO JOCELYN MALALUAN	140	CLOA T-5892	2014-06003-00117	4,110	1,458	2,652	BONGA MENOR	Agricultural	510.00	1,241,340.00
23	SEVERINO SEBASTIAN	281	CLOA T-5892	2014-06003-00147	3,041	1,113	1,928	BONGA MENOR	Agricultural	510.00	1,020,610.00
24	MARIA PALLINO	141	T-134652	2014-06003-00117	6,110	1,037	5,073	BONGA MENOR	Agricultural	510.00	669,470.00
25	ARNER NICOLAS M/TO LUZVINDA VICEO	142	T-134652	2014-06003-00117	6,110	1,037	5,073	BONGA MENOR	Agricultural	510.00	1,020,610.00
26	LAZARO DINGO M/TO MARIA SANTOS	139	CLOA T-5892	2014-06003-00147	2,800	2,048	812	BONGA MENOR	Agricultural	510.00	1,020,610.00
27	BATURINO LOPEZ M/TO AVELINA SEBASTIAN	281	T-134652	2014-06003-00117	3,089	2,258	831	BONGA MENOR	Agricultural	510.00	1,084,860.00
28	MARIA CHUA	280	T-134652	2014-06003-00117	3,089	2,258	831	BONGA MENOR	Agricultural	510.00	1,084,860.00
29	SEVERINO SEBASTIAN	188	T-134652	2014-06003-00028	2,750	549	2,201	BONGA MENOR	Agricultural	510.00	1,151,660.00
30	SEVERINO SEBASTIAN	188	T-134652	2014-06003-00028	2,750	549	2,201	BONGA MENOR	Agricultural	510.00	278,980.00
31	PE. JUBIN LOPEZ	214	T-134652	2014-06003-00028	20,636	469	20,167	BONGA MENOR	Agricultural	510.00	239,190.00
32	ANTONIO LOPEZ	284	T-134652	2014-06003-00028	6,978	7	6,971	BONGA MENOR	Agricultural	510.00	3,570.00
33	ANTONIO LOPEZ	284	T-134652	2008-08003-00008	33,008	6,839	26,169	BONGA MENOR	Mineral	810.00	2,977,950.00
34	REPUBLIC OF THE PHILIPPINES	283	NO TITLE	2008-08003-00008	316,135	43,197	171,933	BONGA MENOR	Mineral	810.00	247,193,630.00
	Sub-Total					38,214			Agricultural		18,871,480.00
						4,126			Agricultural		1,736,000.00
						6,839			Mineral		2,977,840.00
						43,192					23,159,070.00

**ARTERIAL ROAD BYPASS PROJECT, PHASE II**  
 Plandiel Bypass Road Project, Phase II  
 Contract Package III (2nd DEC)

Tabulation Of Lots Affected by the Road-Right-of-Way

No.	Lot Owner's Name	Lot No.	CGTCTC No.	Tax Desc. No.	Lot Area	Affected Area	Remaining Area	Location Strategy	Classification As Per Tax Decl.	Cont/Sq. M. (As Per PAC)	Estimated Cost* (PHP)
1	EDUARDO PE LIR	3311	T-89047	2004-23031-45000	4,669	4,772	2,985	TAMBUBONG	Agricultural	283.33	417,081.76
2	MARIA IRAL ET AL	3309	NO TITLE	2004-23031-02009	15,073	2,743	12,330	TAMBUBONG	Agricultural	283.33	777,174.19
3	GUILLER AGREGATEE CO. INC.	3313	T-15192	2004-23031-43192	31,973	5,130	26,843	TAMBUBONG	Agricultural	283.33	1,531,681.50
4	CARMELITA IRAL & DOLORES CRUZ	3314	T-15192	2004-23031-43192	31,973	5,130	26,843	TAMBUBONG	Agricultural	283.33	1,531,681.50
5	LOPE CRISTOBAL SR	3315-B	T-15191	2004-23031-03374	41,788	4,061	37,727	TAMBUBONG	Agricultural	283.33	2,941,154.35
6	LOPE CRISTOBAL SR	3315-A	T-171838	2004-23031-03305	6,233	2,953	3,280	TAMBUBONG	Agricultural	283.33	269,313.81
7	HERNANDEZ ROSARIO IRAL	625-A	T-270940	2004-23031-02061	2,216	917	1,299	TAMBUBONG	Agricultural	283.33	270,013.49
8	MARITES MARGELO MITO ORLANDO A. M	625-D	7	2004-23031-02029	3,898	2,095	1,803	TAMBUBONG	Agricultural	283.33	693,928.35
9	JULIA VENTURINA	615-B	T-171838	2004-23031-03305	3,898	713	3,185	TAMBUBONG	Agricultural	283.33	1,079,770.83
10	LOPE CRISTOBAL SR. MITO ROSALINA CRUZ	615-B	T-291608	2004-23031-02029	7,871	3,811	4,060	TAMBUBONG	Agricultural	283.33	1,079,770.83
11	EULALIA VENTURINA	614	CLON-T-3389	2004-23031-03192	301	273	28	TAMBUBONG	Residential	3,000.00	610,000.00
12	RUFINO IRAL	472-A	CLON-T-3377	2004-23031-02028	238	238	0	TAMBUBONG	Residential	3,000.00	610,000.00
13	RUFINO IRAL	472-B	CLON-T-3377	2004-23031-02028	238	238	0	TAMBUBONG	Residential	3,000.00	610,000.00
14	MIQUEL IRAL	472-C	CLON-T-3376	2004-23031-02028	238	238	0	TAMBUBONG	Residential	3,000.00	610,000.00
15	VICENTE IRAL	472-E	R1-3290 (T-4204)	2004-23031-02028	216	216	0	TAMBUBONG	Residential	3,000.00	610,000.00
16	EUGENIO CRUZ MITO SATURNINA IRAL	472-D-1	CLON-A-3714	2004-23031-02028	124	124	0	TAMBUBONG	Residential	3,000.00	480,200.00
17	DELFIN LUABAN	474	T-291724	2004-23031-02189	599	599	0	TAMBUBONG	Residential	3,000.00	372,000.00
18	LEOVIGILDA DIZON	474-A	T-45326	2004-23031-02005	281	181	100	TAMBUBONG	Residential	3,000.00	1,784,000.00
19	MARIA TINGSON	474-B	T-45326	2004-23031-02005	280	48	232	TAMBUBONG	Residential	3,000.00	643,000.00
20	FORTUNATO TORRES & ALEJANDRA VICHO	474-C	R1-3372	2004-23031-02114	418	418	0	TAMBUBONG	Residential	3,000.00	138,000.00
21	FRANCO TORRES MEDROS INFANTADO	474-D	T-3385	2004-23031-02048	438	438	0	TAMBUBONG	Residential	3,000.00	138,000.00
22	FRANCO TORRES MEDROS INFANTADO	474-E	T-3382	2004-23031-02048	438	438	0	TAMBUBONG	Residential	3,000.00	1,300,000.00
23	ALBERTO CRUZ	471-C	T-3354	2004-23031-02048	438	438	0	TAMBUBONG	Residential	3,000.00	1,300,000.00
24	EDUARDO CRUZ	471-D	NO TAX DEC.	2004-23031-02048	534	534	0	TAMBUBONG	Residential	3,000.00	1,300,000.00
25	VICTORINO V. ORTIZ	470-B-1	T-174738	2004-23031-02148	438	189	249	TAMBUBONG	Residential	3,000.00	967,600.00
26	RUFINO IRAL	476	T-181888	2004-23031-02148	381	184	197	TAMBUBONG	Residential	3,000.00	967,600.00
27	NAPOLEON VILAROMAN	804-A-16-A	T-274102	2004-23031-02022	307	48	259	TAMBUBONG	Residential	3,000.00	967,600.00
28	R. P. UACINTO IRAL	841	NO TITLE	2004-23031-02022	23,012	4,111	18,901	TAMBUBONG	Residential	3,000.00	1,677,000.00
29	MARIA IRAL ET AL	840	NO TITLE	2004-23031-02022	47,801	41,282	6,519	TAMBUBONG	Agricultural	283.33	1,531,681.50
	SUB-TOTAL				84,451	84,451					
	TOTAL				32,318	32,318			Agricultural		10,006,848.84
					5,905	5,905			Residential		17,716,000.00
					48	48			Mineral		147,000.00
					41,289	41,289					27,866,848.84

**ARTERIAL ROAD BYPASS PROJECT, PHASE II**  
 Plandiel Bypass Road Project, Phase II  
 Contract Package IV

Tabulation Of Lots Affected by the Road-Right-of-Way

No.	Lot Owner's Name	Lot No.	CGTCTC No.	Tax Desc. No.	Lot Area	Affected Area	Remaining Area	Location Strategy	Classification As Per Tax Decl.	Cont/Sq. M. (As Per PAC)	Estimated Cost* (PHP)
1	RICARDO DE LEON	523	T-271379	2004-23031-02068	65,179	4,350	61,029	TAMBUBONG	Agricultural	283.33	611,708.47
2	NILSAR TRANSPORT CORP.	523-A-1	T-271380	2004-23031-02068	4,795	2,159	2,636	TAMBUBONG	Agricultural	283.33	122,832.00
3	NILSAR TRANSPORT CORP.	523-A-2	T-271380	2004-23031-02068	2,293	1,062	1,231	TAMBUBONG	Agricultural	283.33	122,832.00
4	NILSAR TRANSPORT CORP.	523-A-3	T-271382	2004-23031-02068	2,691	14	2,677	TAMBUBONG	Agricultural	283.33	3,148.47
5	NILSAR TRANSPORT CORP.	523-A-4	T-271382	2004-23031-02068	2,691	14	2,677	TAMBUBONG	Agricultural	283.33	3,148.47
6	ASIMAGO VILARQUE ET AL	523-C	T-240017	2004-23031-02148	14,430	1,882	12,548	TAMBUBONG	Agricultural	283.33	53,849.37
7	JOSE GONZALES	523-A	T-6204 (MOTH. TCT)	2004-23031-02038	10,915	1,103	9,812	TAMBUBONG	Agricultural	283.33	585,883.48
8	ESPERANZA & EVERGISTIA TRINIDAD	528	T-239884	2004-23031-02038	45,979	2,742	42,937	TAMBUBONG	Agricultural	283.33	312,612.89
9	ELENA VICEO	528	NO TITLE	2004-23031-02038	45,117	4,705	40,412	TAMBUBONG	Agricultural	283.33	716,893.86
9	JOSE ISIBRO ET AL	528-A	7	2004-23031-02025	19,792	4,785	15,007	TAMBUBONG	Agricultural	283.33	1,333,097.85
	SUB-TOTAL				14,682	14,682					
	TOTAL				14,682	14,682			Agricultural		4,154,184.46
					0	0			Residential		0.00
					0	0			Mineral		0.00
					14,802	14,802					4,154,184.46
					14,602	14,602					

**ARTERIAL ROAD BYPASS PROJECT, PHASE II**  
 Plaridel Bypass Road Project, Phase II  
 Contract Package IV  
 Tabulation Of Lots Affected by the Road-Right-of-Way

No.	Lot Owner's Name	Lot No.	OCT/CT No.	Tax Desc. No.	Lot Area	Affected	Remaining	Location	Classification	Cont'dsq. M. (As Per PAC)	Estimated Cost. (PAC)
1	ANGEL FERNANDEZ FELICIANO B. SABARAGA	457	CLOA-1-547	2006-2306-02842	8,739	5,189	5,543	CAINGIN	Agricultural	300.00	956,702.00
2	ROLANDO GAYUZ	458	T-273079	2006-2306-00993	7,430	6,240	60,050	CAINGIN	Agricultural	300.00	886,400.00
3	RAMON GAYUZ MTO BARBARA DOMINGO	459-F	T-269347	2006-2306-00994	6,009	3,350	4,842	CAINGIN	Agricultural	300.00	1,007,400.00
4	JOSEPHINE R. LOZANO	459	T-49183	2006-2306-00995	20,735	614	20,121	CAINGIN	Agricultural	300.00	184,200.00
5	MANLYN DE BELER SABARAGA	462	T-276022	2006-2306-02848	43,783	7,014	38,779	CAINGIN	Agricultural	300.00	2,104,200.00
6	R. P. (NORA DELA CRUZ)	2623	NO TITLE	2006-2306-02849	7,039	873	6,166	CAINGIN	Agricultural	300.00	2,091,600.00
7	RUPERTO MANGARAS ET AL	465	T-117285	2006-2306-02854	28,228	9,372	21,856	CAINGIN	Agricultural	300.00	281,892.00
8	DOMINADOR PEREZ	469	T-038-20110200850	2006-2306-02727	10,000	807	8,193	CAINGIN	Agricultural	300.00	1,174,600.00
9	SEBASTIAN TRINIDAD ET AL	470	T-265174	2006-2306-02848	13,291	8,397	7,504	CAINGIN	Residential	3,000.00	17,384,000.00
10	AGRICOLA DELA CRUZ CORP.	481	T-184863	2006-2306-02849	11,451	66	11,385	CAINGIN	Agricultural	300.00	19,600.00
11	ROSELINA TRINIDAD ET AL	487	T-268873	2006-2306-02854	12,292	635	12,647	CAINGIN	Residential	3,000.00	1,073,000.00
12	ELIZABETH ARABES	488-D	T-6439	2006-2306-02854	1,417	31	1,386	CAINGIN	Agricultural	300.00	272,100.00
13	HONORATA SANTOS ET AL	491	T-297655	2006-2306-02854	1,418	13	1,405	CAINGIN	Agricultural	300.00	19,600.00
14	ROMEO MANSAYAC	488-A	T-297655	2006-2306-02854	2,084	5,535	14,229	CAINGIN	Agricultural	300.00	2,950,500.00
15	MATHILDA BRODIO	481-A	T-297655	2006-2306-02854	9,297	23	9,274	CAINGIN	Agricultural	300.00	2,950,500.00
16	MATHILDA BRODIO	481-C	T-297655	2006-2306-02854	3,924	745	2,179	CAINGIN	Agricultural	300.00	2,950,500.00
17	MARIA TERESA BORBINO	482	T-038-20110200850	2006-2306-02727	38,469	848	35,933	CAINGIN	Agricultural	300.00	283,800.00
18	MARCOS IMPORT COMPANY, INC.	469	CLOA-1-5709	2006-2306-02818	10,727	4,452	8,276	CAINGIN	Agricultural	300.00	1,235,600.00
19	JULIA VENTURINA ET AL	487	T-184864	2006-2306-02818	29,194	1,730	27,464	CAINGIN	Agricultural	300.00	619,000.00
20	OSCAR MOYA & MELBA MOYA	454-E	CLOA-7-1448	2006-2306-02802	7,040	693	6,347	CAINGIN	Agricultural	300.00	209,700.00
21	GREGORIO MOYA	454-F	CLOA-7-1447	2006-2306-02800	2,381	96	2,285	CAINGIN	Agricultural	300.00	29,800.00
22	Sub-Totals				55,813		55,813				

49,401      Agricultural      14,820,300.00  
 8,412      Residential      19,235,000.00  
 0      Mineral      0.00  
 59,813           34,055,300.00  
 49,401

**ARTERIAL ROAD BYPASS PROJECT, PHASE II**  
 Plaridel Bypass Road Project, Phase II  
 Contract Package IV  
 Tabulation Of Lots Affected by the Road-Right-of-Way

No.	Lot Owner's Name	Lot No.	OCT/CT No.	Tax Desc. No.	Lot Area	Affected	Remaining	Location	Classification	Cont'dsq. M. (As Per PAC)	Estimated Cost. (PAC)
1	MOMARCO IMPORT COMPANY, INC.	486	T-309462	2006-2306-02814	33,432	3,742	6,895	CAPAHAN	Residential	1,118.87	1,118.87
2	LUIS VIRON	787	T-433-2011020278	2006-2306-02814	7,452	2,076	5,382	CAPAHAN	Residential	1,118.87	1,118.87
3	LUIS VIRON	787-A	T-433-2011020278	2006-2306-02814	6,000	1,672	4,328	CAPAHAN	Agricultural	376.09	414,848.54
4	EDILBERTO C. MARCOS	787-B	T-433-2011020278	2006-2306-02814	8,362	1,106	9,238	CAPAHAN	Agricultural	376.09	139,408.21
5	EDILBERTO C. MARCOS	788-B-1	T-293281	2006-2306-02814	26,651	369	26,482	CAPAHAN	Agricultural	376.09	217,827.29
6	EDILBERTO C. MARCOS	788-B-2	T-293281	2006-2306-02814	9,724	981	9,724	CAPAHAN	Agricultural	376.09	14,627.36
7	PELLA MOYA	788-B-3	T-420149	2006-2306-02814	30,316	374	0	CAPAHAN	Agricultural	376.09	1,338,071.30
8	WILLIAM V. MOYA	788-B-4	T-420149	2006-2306-02814	10,840	3,937	7,903	CAPAHAN	Agricultural	376.09	1,338,071.30
9	WILLIAM V. MOYA	1838-C	T-43324	2006-2306-02814	10,861	2,508	8,353	CAPAHAN	Agricultural	376.09	840,228.72
10	REYNALDO T. DEL ROSARIO	1958-B	T-133018	2006-2306-02804	21,120	4,917	16,203	CAPAHAN	Agricultural	376.09	1,844,317.53
11	BENJAMIN SANTIOS	3438	T-268647	2006-2306-02813	19,551	1,512	9,249	CAPAHAN	Agricultural	376.09	97,158.09
12	BENJAMIN SANTIOS	3438-A	T-268647	2006-2306-02813	29,444	3,231	20,213	CAPAHAN	Agricultural	376.09	1,211,915.79
13	EPIFANIA SANTIAGO	3438-B	T-242378	2006-2306-02973	31,205	2,393	26,812	CAPAHAN	Agricultural	376.09	897,890.37
14	PEL INVEST LAND, INC.	1955	T-289172	2006-2306-02814	19,416	7	7	CAPAHAN	Agricultural	376.09	7
15	FAUSTINO VENTURILLO	3437	T-289172	2006-2306-02813	17,189	6,758	38,7	CAPAHAN	Agricultural	376.09	2,641,008.91
16	FAUSTINO VENTURILLO	3437	T-289172	2006-2306-02813	13,932	208	13,724	CAPAHAN	Agricultural	376.09	18,438.72
17	FILVEST LAND, INC.	3437	T-268182	2006-2306-02813	8,718	5,174	5,174	CAPAHAN	Agricultural	376.09	1,338,071.30
18	FILVEST LAND, INC.	3438	T-268182	2006-2306-02813	13,849	2,628	11,322	CAPAHAN	Agricultural	376.09	847,477.24
19	FILVEST LAND, INC.	1952	NO TITLE	2006-2306-02804	17,511	3,049	14,412	CAPAHAN	Agricultural	376.09	1,162,403.91
20	LILIA A. FRANCO S. LOPEZ ET AL	803-B	NO TITLE	2006-2306-02802	14,037	2,231	11,806	CAPAHAN	Agricultural	376.09	836,828.78
21	RUPERTO MANGARAS, ET AL	588	T-241028	2006-2306-02819	12,974	1,375	11,599	CAPAHAN	Agricultural	376.09	515,748.78
22	GORNELIO DELA CRUZ	887	NO TITLE	2006-2306-02817	14,508	4,293	10,209	CAPAHAN	Agricultural	376.09	1,573,511.91
23	Sub-Totals				41,810	3,993	38,147				1,373,364.87

48,533      Agricultural      16,204,242.87  
 2,070      Residential      2,312,030.88  
 1,872      Industrial      1,866,168.16  
 52,276           22,282,522.11

2840.994377

**ARTERIAL ROAD BYPASS PROJECT, PHASE II**  
**Parlotri Bypass Road Project, Phase II**  
**Contract Package IV**  
**Tabulation Of Lots Affected by the Road-Right-of-Way**

No.	Lot Owner's Name	Lot No.	District No.	Tax Dec. No.	Lot Area	Affected Area	Remaining Area	Location	Classification As Per Tax Decl.	Conseq. M. (As Per PAC)	Estimated Cost (PHP)
1	RUFINO SANTOS	888	T-11784	2006-23029-0188	24,615	7,816	22,799	SAN ROQUE	Agricultural	260.00	328,840.00
2	CECILIO B. CUNANAN ET AL.	890-B	R1-244931(8929)	2006-23029-0189	30,385	4,711	33,884	SAN ROQUE	Agricultural	260.00	1,186,100.00
3	CRISTO LAPUZ	486	CLOA-7-9987	2006-23029-0189	13,660	13,660	0	SAN ROQUE	Agricultural	260.00	214,400.00
4	EDUARDO DELA CRUZ	493-A-1	T-13829	2006-23029-0189	600	42	1,389	SAN ROQUE	Agricultural	750.00	214,400.00
5	ERNESTO DELA CRUZ	493-A-2	T-13829	2006-23029-0189	600	265	215	SAN ROQUE	Agricultural	750.00	214,400.00
6	NELSON DELA CRUZ	493-A-3	T-13831	2006-23029-0189	600	247	253	SAN ROQUE	Residential	750.00	185,260.00
7	FELIPE DELA CRUZ	493-A-4	T-13833	2006-23029-0189	600	219	284	SAN ROQUE	Residential	750.00	185,260.00
8	HERMOGENES DELA CRUZ	493-A-5	T-13833	2006-23029-0189	1,000	354	646	SAN ROQUE	Residential	750.00	285,600.00
9	ROSEMARIE P. DELA CRUZ	493-A-6	T-13797	2006-23029-0187	1,000	260	740	SAN ROQUE	Residential	750.00	195,000.00
10	MELIZA M. DELA CRUZ RODRIGUEZ	493-A-7	T-300389	2006-23029-0188	2,581	879	1,702	SAN ROQUE	Residential	750.00	899,200.00
11	HERMOGENES DELA CRUZ	493-A-10	T-13833	2006-23029-0188	4,218	419	9	SAN ROQUE	Residential	750.00	314,200.00
12	MARTIN VIOLAGO ET AL.	801	T-115448	2006-23029-0188	23,326	1,353	21,973	SAN ROQUE	Agricultural	260.00	138,330.00
13	MARTIN VIOLAGO	801-B	T-115448	2006-23029-0188	3,331	1,008	2,323	SAN ROQUE	Agricultural	260.00	281,740.00
14	LOUIE MITO LAM VIK LUI	842-A	T-503823	2006-23029-0177	30,000	10,920	24,080	SAN ROQUE	Agricultural	260.00	3,164,600.00
15	LUIS MITO LAM VIK LUI	842-B-1	T-503823	2006-23029-0177	2,000	78	1,924	SAN ROQUE	Agricultural	260.00	21,640.00
16	LUIS MITO LAM VIK LUI	842-B-1-B	T-503823	2006-23029-0177	1,000	12	988	SAN ROQUE	Agricultural	260.00	3,480.00
17	LUIS MITO LAM VIK LUI	842-B-1-C	T-503823	2006-23029-0177	4,200	238	3,962	SAN ROQUE	Agricultural	260.00	81,220.00
18	DOMINADOR TAILLE MITO HERBIE TAILLE	842-B-1-D-2	T-503823	2006-23029-0177	50,914	9,072	41,842	SAN ROQUE	Agricultural	260.00	687,680.00
19	REYNALDO PILE MITO T. VILLAREAL	804-B-1	T-511767	2006-23029-0181	6,451	1,465	4,986	SAN ROQUE	Agricultural	260.00	1,094,760.00
20	FILINVEST LAND, INC.	838-B-2	T-599816	2006-23029-0181	6,500	1,473	5,027	SAN ROQUE	Agricultural	260.00	427,170.00
21	MELENCIO PILE MITO M. SANGALANG	838-B-3	T-599816	2006-23029-0181	10,000	1,847	8,153	SAN ROQUE	Residential	750.00	1,234,260.00
22	FILINVEST LAND, INC.	838-B-5	T-599816	2006-23029-0181	8,000	2,447	5,553	SAN ROQUE	Residential	750.00	1,884,260.00
23	FILINVEST LAND, INC.	837	T-214631	2006-23029-0124	104,028	11,817	92,412	SAN ROQUE	Residential	750.00	8,717,760.00
24	FILINVEST LAND, INC.	837-C	T-214631	2006-23029-0124	34,677	5,105	29,572	SAN ROQUE	Residential	750.00	285,600.00
25	FILINVEST LAND, INC.	837-B	T-214631	2006-23029-0124	34,976	2,710	31,958	SAN ROQUE	Residential	750.00	195,000.00
26	FILINVEST LAND, INC.	837-A	T-214631	2006-23029-0124	30,876	3,194	27,682	SAN ROQUE	Residential	750.00	899,200.00
27	FILINVEST LAND, INC.	828	T-214630	2006-23029-0123	30,274	3,320	26,954	SAN ROQUE	Residential	750.00	314,200.00
	Sub-Total				46,544	46,544					

Agricultural 6,898,820.00  
 Residential 17,614,500.00  
 Commercial 0.00  
 24,301,320.00

21,048  
 23,486  
 0  
 48,544

**ARTERIAL ROAD BYPASS PROJECT, PHASE II**  
**Parlotri Bypass Road Project, Phase II**  
**Contract Package IV**  
**Tabulation Of Lots Affected by the Road-Right-of-Way**

No.	Lot Owner's Name	Lot No.	District No.	Tax Dec. No.	Lot Area	Affected Area	Remaining Area	Location	Classification As Per Tax Decl.	Conseq. M. (As Per PAC)	Estimated Cost (PHP)
1	RUFINO SANTOS	888	T-11784	2006-23029-0188	24,615	7,816	22,799	SAN ROQUE	Agricultural	260.00	328,840.00
2	CECILIO B. CUNANAN ET AL.	890-B	R1-244931(8929)	2006-23029-0189	30,385	4,711	33,884	SAN ROQUE	Agricultural	260.00	1,186,100.00
3	CRISTO LAPUZ	486	CLOA-7-9987	2006-23029-0189	13,660	13,660	0	SAN ROQUE	Agricultural	260.00	214,400.00
4	EDUARDO DELA CRUZ	493-A-1	T-13829	2006-23029-0189	600	42	1,389	SAN ROQUE	Agricultural	750.00	214,400.00
5	ERNESTO DELA CRUZ	493-A-2	T-13829	2006-23029-0189	600	247	253	SAN ROQUE	Agricultural	750.00	214,400.00
6	NELSON DELA CRUZ	493-A-3	T-13831	2006-23029-0189	600	219	284	SAN ROQUE	Residential	750.00	185,260.00
7	FELIPE DELA CRUZ	493-A-4	T-13833	2006-23029-0189	1,000	354	646	SAN ROQUE	Residential	750.00	285,600.00
8	HERMOGENES DELA CRUZ	493-A-5	T-13833	2006-23029-0189	1,000	260	740	SAN ROQUE	Residential	750.00	195,000.00
9	ROSEMARIE P. DELA CRUZ	493-A-6	T-13797	2006-23029-0187	1,000	879	1,702	SAN ROQUE	Residential	750.00	899,200.00
10	MELIZA M. DELA CRUZ RODRIGUEZ	493-A-7	T-300389	2006-23029-0188	2,581	419	9	SAN ROQUE	Residential	750.00	314,200.00
11	HERMOGENES DELA CRUZ	493-A-10	T-13833	2006-23029-0188	4,218	1,353	21,973	SAN ROQUE	Agricultural	260.00	138,330.00
12	MARTIN VIOLAGO ET AL.	801	T-115448	2006-23029-0188	23,326	1,353	21,973	SAN ROQUE	Agricultural	260.00	281,740.00
13	MARTIN VIOLAGO	801-B	T-115448	2006-23029-0188	3,331	1,008	2,323	SAN ROQUE	Agricultural	260.00	281,740.00
14	LOUIE MITO LAM VIK LUI	842-A	T-503823	2006-23029-0177	30,000	10,920	24,080	SAN ROQUE	Agricultural	260.00	3,164,600.00
15	LUIS MITO LAM VIK LUI	842-B-1	T-503823	2006-23029-0177	2,000	78	1,924	SAN ROQUE	Agricultural	260.00	21,640.00
16	LUIS MITO LAM VIK LUI	842-B-1-B	T-503823	2006-23029-0177	1,000	12	988	SAN ROQUE	Agricultural	260.00	3,480.00
17	LUIS MITO LAM VIK LUI	842-B-1-C	T-503823	2006-23029-0177	4,200	238	3,962	SAN ROQUE	Agricultural	260.00	81,220.00
18	DOMINADOR TAILLE MITO HERBIE TAILLE	842-B-1-D-2	T-503823	2006-23029-0177	50,914	9,072	41,842	SAN ROQUE	Agricultural	260.00	687,680.00
19	REYNALDO PILE MITO T. VILLAREAL	804-B-1	T-511767	2006-23029-0181	6,451	1,465	4,986	SAN ROQUE	Agricultural	260.00	1,094,760.00
20	FILINVEST LAND, INC.	838-B-2	T-599816	2006-23029-0181	6,500	1,473	5,027	SAN ROQUE	Agricultural	260.00	427,170.00
21	MELENCIO PILE MITO M. SANGALANG	838-B-3	T-599816	2006-23029-0181	10,000	1,847	8,153	SAN ROQUE	Residential	750.00	1,234,260.00
22	FILINVEST LAND, INC.	838-B-5	T-599816	2006-23029-0181	8,000	2,447	5,553	SAN ROQUE	Residential	750.00	1,884,260.00
23	FILINVEST LAND, INC.	837	T-214631	2006-23029-0124	104,028	11,817	92,412	SAN ROQUE	Residential	750.00	8,717,760.00
24	FILINVEST LAND, INC.	837-C	T-214631	2006-23029-0124	34,677	5,105	29,572	SAN ROQUE	Residential	750.00	285,600.00
25	FILINVEST LAND, INC.	837-B	T-214631	2006-23029-0124	34,976	2,710	31,958	SAN ROQUE	Residential	750.00	195,000.00
26	FILINVEST LAND, INC.	837-A	T-214630	2006-23029-0123	30,876	3,194	27,682	SAN ROQUE	Residential	750.00	899,200.00
27	FILINVEST LAND, INC.	828	T-214630	2006-23029-0123	30,274	3,320	26,954	SAN ROQUE	Residential	750.00	314,200.00
	Sub-Total				46,544	46,544					

Agricultural/ 6,898,820.00  
 Residential 17,614,500.00  
 Commercial 0.00  
 24,301,320.00

23,048  
 23,486  
 0  
 48,544





**ARTERIAL ROAD BYPASS PROJECT, PHASE II**  
**Plaridel Bypass Road Project, Phase II**  
**Contract Package IV**  
**Tabulation Of Lots Affected by the Road-Right-of-Way**

No.	Lot Owner's Name	Lot No.	DISTRICT No.	Tax Dec. No.	Lot Area	Affected Area	Remaining Area	Location	Classification As Per Tax Decl.	Courts. M. (As Per PAC)	Estimated Cost - (P/HP)
1	BELENITA B. SANTOS	1410	CLOA T-2324	2006-2309-00641	38,937	2,378	34,951	Barangay DILIMAN 1	Agricultural	211.50	502,824.00
2	REPUBLIC OF THE PHILIPPINES	1411A	T-274413	2006-2309-00038	61,060	8,405	52,655	DILIMAN 1	Agricultural	211.50	1,284,466.80
3	BENJAMIN SIA	1419-B-1	T-297533	2006-2309-00040	1,006	931	7,744	DILIMAN 1	Agricultural	211.50	2,749.50
4	PEPITO FRANCISCO WITO MARIELA ALARCON	1418-B-2D	T-293339	2006-2309-00082	4,871	2,463	3,307	DILIMAN 1	Agricultural	211.50	5,185.50
5	BENJAMIN BALITO ELBA STA. MARINA SIA	1418-B-3	T-297531	2006-2309-00082	4,871	2,463	3,307	DILIMAN 1	Agricultural	211.50	5,185.50
6	TERMINA C. GUARDIA	1416-F-1			5,150	33	5,117	DILIMAN 1	Agricultural	211.50	6,979.50
7	ISABEL DE GUZMAN	1416-F-10			251	15	236	DILIMAN 1	Residential	715.00	10,725.00
8		1416-F-11			192	13	179	DILIMAN 1	Residential	715.00	8,785.00
9		1416-F-21			489	9	453	DILIMAN 1	Residential	715.00	3,075.00
10	LUISA MOYA	1416-G	T-185214		269	18	257	DILIMAN 1	Residential	715.00	12,075.00
11		1416-H			463	15	442	DILIMAN 1	Residential	715.00	7,495.00
12	LULIBETH D. JOBE	1416-I			463	15	442	DILIMAN 1	Residential	715.00	7,495.00
13	BENJAMIN NOVICIO	1416-J			3,263	1,845	1,418	DILIMAN 1	Residential	715.00	3,044,914.00
14	REPUBLIC OF THE PHILIPPINES	PUBLIC LAND	NO TITLE	2006-2309-00013	402	0	0	DILIMAN 1	Residential	715.00	297,430.00
15	MARYA LITO	1536-C-2/B	T-184382	2006-2309-00129	5,470	207	5,403	DILIMAN 1	Agricultural	211.46	7
16	CAROL LEN JOY ILETO	1536-C-2/B-1	T-237615	2006-2309-00648	948	7	7	DILIMAN 1	Agricultural	211.46	7
17	EUFRENCIA R. VALERO	1536-C-2/B-2-A	T-439-201002887	2006-2309-01818	108	6	192	DILIMAN 1	Residential	715.00	4,280.00
18	HERIBIA R. VALERO	1536-C-2/B-2-B	T-439-201002884	2006-2309-01818	287	92	175	DILIMAN 1	Residential	715.00	65,760.00
19	EUFRENCIA R. VALERO	1536-C-2/B-2-C	T-439-201002885	2006-2309-01818	256	11	244	DILIMAN 1	Residential	715.00	7,865.00
20	LAKANDIWA ILETO	1536-C-3	T-131253	2006-2309-00121	2,819	1,849	1,492	DILIMAN 1	Residential	211.50	824.50
21	CRIZAR E. ILETO	1536-C-2-A	T-144033	2006-2309-01031	973	97	328	DILIMAN 1	Commercial	715.00	1,107,455.00
22	LAKANDIWA ILETO ANTO CORAZON E. ILETO	1536-C-1	T-131351	2006-2309-00123	1,849	12	1,638	DILIMAN 1	Residential	715.00	482,806.00
23	Sub-Total				16,531	16,531					2,639.00

Agricultural	10,896	2,106,616.00
Residential	4,775	3,414,128.00
Commercial	150	107,250.00
	16,821	5,627,994.00

**ARTERIAL ROAD BYPASS PROJECT, PHASE II**  
**Plaridel Bypass Road Project, Phase II**  
**Contract Package IV**  
**Tabulation Of Lots Affected by the Road-Right-of-Way**

No.	Lot Owner's Name	Lot No.	DISTRICT No.	Tax Dec. No.	Lot Area	Affected Area	Remaining Area	Location	Classification As Per Tax Decl.	Courts. M. (As Per PAC)	Estimated Cost - (P/HP)
1	PHILIPPINE POSTAL SAVINGS BANK	BLK 19	T-264653	2006-2304-00023	1,003	339	264	MABALAS-BALAS	Residential	2,357.14	327,847.46
2	ARNEL ILETO	1382-F	T-48058	2006-2304-01913	60,911	163	57,353	MABALAS-BALAS	Residential	2,357.14	350,842.42
3	LAURO BELO	1389	T-371182	2006-2304-00771	29,482	1,405	28,077	MABALAS-BALAS	Agricultural	371.43	631,459.15
4	ROFARTE SERRANO	1345-A	T-533418	2006-2304-00771	31,315	7	23,859	MABALAS-BALAS	Agricultural	371.43	7
5	SEGUNDO SANTOS	1357	T-176035	2006-2304-00418	26,093	780	27,203	MABALAS-BALAS	Agricultural	371.43	2,688,495.87
6	REPUBLIC OF THE PHILIPPINES	1497 (PORT)	NO TITLE	2006-2304-00418	44,783	92	44,721	MABALAS-BALAS	Agricultural	371.43	283,429.70
7	ERLINDA DE GUZMAN WITO DAUDENCO DE G.	2003	CLOA T-1843	2006-2304-00023	51,970	12,243	39,265	MABALAS-BALAS	Agricultural	371.43	23,029.85
8	CATALINA MAMALO	2003-1	CLOA T-1844	2006-2304-00023	7,114	642	6,472	MABALAS-BALAS	Agricultural	371.43	239,480.00
9	PEDRO FLAMENCO (HIE. OF E. MAMALO)	2003-2	CLOA T-1844	2006-2304-00023	7,114	1,208	4,148	MABALAS-BALAS	Agricultural	371.43	41,006.00
10	ARSENIO MAMALO	2003-3	CLOA T-1844	2006-2304-00023	7,114	1,705	4,118	MABALAS-BALAS	Agricultural	371.43	664,713.59
11	GUINER MAMALO	2003-4	CLOA T-1844	2006-2304-00023	14,328	3,654	10,674	MABALAS-BALAS	Agricultural	371.43	4,320,662.22
12	REPUBLIC OF THE PHILIPPINES	1354	CLOA T-1878	2006-2304-00010	7,120	5,936	1,724	MABALAS-BALAS	Agricultural	371.43	2,000,341.58
13	NIERES VALMED WITO ARSENIO V.	1354-A	CLOA T-1848	2006-2304-00013	41,711	605	41,105	MABALAS-BALAS	Agricultural	371.43	224,716.16
14	RUBEN MAMALO	1495	CLOA T-1880B	2006-2304-01913	4,183	345	3,838	MABALAS-BALAS	Agricultural	371.43	159,297.64
15	MAGDALENA RODRIGUEZ	1494-C	T-101097	2006-2304-00010	84,055	5,873	55,053	MABALAS-BALAS	Agricultural	371.43	1,101,574.50
16	MAGDALENA RODRIGUEZ	1494-D	T-101098	2006-2304-00010	10,558	3,133	5,015	MABALAS-BALAS	Agricultural	371.43	788,542.89
	Sub-Total				34,359	34,359					12,892,506.81

Agricultural	34,087	12,892,506.81
Residential	292	689,284.86
Commercial	0	0.00
	34,359	13,341,790.68



**ARTERIAL ROAD BYPASS PROJECT, PHASE II**  
**Plaridel Bypass Road Project, Phase II**  
**Contract Package IV**  
**Tabulation Of Lots Affected by the Road-Right-of-Way**

No.	Lot Owner's Name	Lot No.	OBJECT No.	Tax Disc. No.	Lot Area	Affected Area	Remaining Area	Location Barangay	Classification As Per Tax Dist.	Constr. M. (As Per PAC)	Estimated Cost - (PHP)
1	JOSÉ BERASTIÁN	1481 (BOPR1)	1-241118	2006-23013-20024	30,000	1,492	90,493	MAASIM	Agricultural	250.00	373,000.00
2	JOSÉ BERASTIÁN	1480	GLOA-1-1339	2006-23013-20070	91,836	130	30,698	MAASIM	Agricultural	250.00	37,500.00
3	FELIPE RIVERA	1481	1-101487	2006-23013-20170	20,878	130	30,698	MAASIM	Agricultural	250.00	37,500.00
4	CONDORCIA BERNAL WIDOW	1481-A	T 039-201-000362	2006-23013-20143	90,199	13,585	78,444	MAASIM	Agricultural	250.00	467,250.00
5	JOSÉ RIVERA MTO RITA TOLENTINO	1481-B	1-101488	2006-23013-20034	15,018	3,948	11,171	MAASIM	Agricultural	250.00	162,000.00
6	FELIPE RIVERA ET AL.	1481-C	1-101487	2006-23013-20034	50,072	1,970	32,102	MAASIM	Agricultural	250.00	162,000.00
7	VICTORIA SIRODO MTO CIRILO HONORIO	1488	1-211898	2006-23013-20182	8,387	3,439	4,948	MAASIM	Agricultural	250.00	68,440.00
8	SFPL ROLANDO & MILA GOMEZ	1485-D	1-221499	2006-23013-20060	6,385	1,832	3,493	MAASIM	Commercial	2,000.00	3,784,500.00
9	EMERSON T. MAGADIA	1485-E	1-281864	2006-23013-21111	3,000	1,837	1,133	MAASIM	Agricultural	250.00	465,750.00
10	ROMEO JIMENEZ MTO MA. C. Y. NAGU	1485-F	1-214320	2006-23013-21110	2,000	397	1,603	MAASIM	Agricultural	250.00	99,250.00
11	JULIVER LUYANOG	1485-G	1-214320	2006-23013-20710	1,561	137	1,444	MAASIM	Agricultural	250.00	34,250.00
12	SFPL ROLANDO & MILA GOMEZ	1485-B	1-183310	2006-23013-20710	760	53	727	MAASIM	Agricultural	250.00	34,250.00
13	ROMEO JIMENEZ	1485-B-1	1-221465	2006-23013-00002	532	26	508	MAASIM	Agricultural	250.00	6,500.00
14	SFPL ROLANDO & MILA GOMEZ	1485-B-2	1-221465	2006-23013-00007	228	45	185	MAASIM	Reg. Comm.	2,000.00	6,500.00
15	NILANI GOMEZ	1485-A-1	1-214772	2006-23013-20083	13	9	4	MAASIM	Commercial	2,000.00	50,000.00
16	SFPL ALEXANDER & ALICIA EUSEBIO	1485-A-2	1-221770	2006-23013-20044	47	47	189	MAASIM	Commercial	2,000.00	50,000.00
17	ALICIA E. EUSEBIO	1485-A-3	1-221770	2006-23013-20044	423	47	473	MAASIM	Agricultural	250.00	11,750.00
18	ROMIL T. GOMEZ	1485-A-2-B	1-221771	2006-23013-20044	423	47	473	MAASIM	Agricultural	250.00	11,750.00
	Sub-TOTAL				21,000	283,231					
	TOTAL				353,638	353,638					
	GRAND TOTAL			13887	21,000	353,638			Agricultural		\$ 282,000.00
					43	43			Residential		86,000.00
					1,949	1,949			Commercial		3,993,000.00

Resettlement Action Plan (Final Report)  
 Plaridel Bypass Road Project, Contract Packages III & IV  
 ARTERIAL ROAD BYPASS PROJECT, PHASE II

*Annex "B"*

*Tabulation of Affected Structures  
 (Residential and Minor Structures)*

**Republic of the Philippines**  
**Department of Public Works and Highways**  
**Paridel Bypass Road Project, Contract Packages III**  
**Resettlement Action Plan (Final)**

No. Code	Name of PAF (Claimant)	Municipality	Barangay	Structure No.	Structure Type	Extent of Impact	Replacement Cost	Other Entitlements	
								Income Loss	Rehab. Assistance
1	Hermilgildo Cruz	Bustos	Bonga Menor	1	Barbed Wire Fence	-	39,097.40	-	-
2	Plar Sabastian	Bustos	Bonga Menor	2	Residential House	Severe	17,907.11	-	15,000.00
3	Amancio D. Ebanriel/ Alma Ebanriel	Bustos	Bonga Menor	3	Residential House	Severe	69,605.00	-	15,000.00
4	Nell S. Leday/ Adelgido Ledan	Bustos	Bonga Menor	4	Residential House	Severe	59,387.00	-	15,000.00
5	Simon C. Comedo, Jr.	Bustos	Bonga Menor	5	Apartment Type (12 Units)	Severe	599,531.88	-	15,000.00
6	Globa L. Almoncar	Bustos	Bonga Menor	6	Residential House	Severe	22,141.73	3,000.00	15,000.00
							<b>708,699.92</b>		<b>76,000.00</b>

**Republic of the Philippines**  
**Department of Public Works and Highways**  
**Paridel Bypass Road Project, Contract Packages III**  
**Resettlement Action Plan (Final)**

No. Code	Name of PAF (Claimant)	Municipality	Barangay	Structure No.	Structure Type	Extent of Impact	Replacement Cost	Other Entitlements	
								Income Loss	Rehab. Assistance
1a	Oriando A. Marcelo	San Rafael	Tambubong	7	Residential House	Severe	1,558,032.53	-	15,000.00
1b	Oriando A. Marcelo	San Rafael	Tambubong	8	Piggery	-	545,554.83	-	-
2	Hermilida I. Tedco	San Rafael	Tambubong	9	Residential House	Severe	1,221,548.10	-	15,000.00
3	Salumina I. Cruz/Eugenio Cruz	San Rafael	Tambubong	10	Residential House	Severe	2,013,428.26	-	15,000.00
4a	Teofilo P. Marcelo	San Rafael	Tambubong	11	Residential House	Severe	1,745,893.24	-	15,000.00
4b	Teofilo P. Marcelo	San Rafael	Tambubong	12	Ware House	-	130,841.37	-	-
5	Salumina I. Cruz	San Rafael	Tambubong	13	Abandoned House	Severe	470,969.82	-	15,000.00
6a	Esperanza S. Tril	San Rafael	Tambubong	14	Residential House	Severe	1,139,610.00	-	15,000.00
6b	Esperanza S. Tril	San Rafael	Tambubong	15	Piggery	-	203,798.34	-	-
7a	Ernesto D. Lumaban	San Rafael	Tambubong	16	Residential House	Severe	1,724,621.18	-	15,000.00
7b	Ernesto D. Lumaban	San Rafael	Tambubong	17	Piggery	-	148,504.14	-	-
8a	Albert G. Lumaban	San Rafael	Tambubong	18	Residential House	Severe	1,137,806.21	-	15,000.00
8b	Albert G. Lumaban	San Rafael	Tambubong	19	Piggery	-	83,023.28	-	-
9	Victoria G. dela Cruz	San Rafael	Tambubong	20	Residential House	Marginal	205,457.40	-	-
10	Estela R. Garcia	San Rafael	Tambubong	21	Residential House	Severe	399,423.61	-	15,000.00
11	Alfredo L. Dela Cruz	San Rafael	Tambubong	22	Residential House	Severe	249,980.44	-	15,000.00
12	Erando O. Ortiz/Victorino V. Ortiz/Luis	San Rafael	Tambubong	23	Residential House	Marginal	31,454.61	-	-
13	Nector S. Viqueira	San Rafael	Tambubong	24	Residential House	Marginal	2,115,005.60	-	15,000.00
14	Pablo S. Viqueira	San Rafael	Tambubong	25	Residential House	Severe	870,693.32	-	15,000.00
15a	Fortunato SM. Torres	San Rafael	Tambubong	26	Residential House	Severe	1,045,764.87	-	15,000.00
15b	Fortunato SM. Torres	San Rafael	Tambubong	27	Commercial	Severe	153,117.83	-	15,000.00
16	Nepoleon N. Villoroman	San Rafael	Tambubong	28	Residential House	Severe	1,419,346.48	-	225,000.00

Republic of the Philippines  
Department of Public Works and Highways  
Plaridel Bypass Road Project, Contract Packages III & IV  
Resettlement Action Plan (Final)

No. Code	Name of PA# (Claimant)	Municipality	Barangay	Structure No.	Structure Type	Extent of Impact	Replacement Cost	Other Entitlements	
								Income Loss	Rehab. Assistance
1a	Daniel F. Mojica (up & down)	San Rafael	Calogin	1	Residential House	Severe	204,290.49		15,000.00
1b	Daniel F. Mojica (Fence)	San Rafael	Calogin	2	Fence	-	173,185.51		15,000.00
2	Monarca G. B. Amrozco & F. T. Bambo	San Rafael	Calogin	3	Residential House	Severe	182,518.28		15,000.00
3	Rodolfo P. Venecacion	San Rafael	Calogin	4	House/Room/Chimney	Severe	625,704.39		15,000.00
4	Josello M. Santos (Macario C. Santos)	San Rafael	Calogin	5	Residential House	Severe	612,012.81		
	260,811.99							15,000.00	
5	Josello M. Santos (Macario C. Santos)	San Rafael	Calogin	6	Residential House	Severe	282,087.62		15,000.00
	Josello M. Santos (Macario C. Santos)						262,087.62		15,000.00
6	Felix Derlucto	San Rafael	Calogin	7	Residential House	Severe	238,498.98		15,000.00
7a	Marilyn A. Vasallo	San Rafael	Calogin	8	Residential House	Severe	461,849.08		15,000.00
7b	Henry B. Muga	San Rafael	Calogin	9	Residential House	Severe	759,083.63		15,000.00
8	Henry B. Muga & Cynthia A. Aquino	San Rafael	Calogin	10	House/Nipa Hill	-	178,495.11		
9	Feodorito Angelino	San Rafael	Calogin	11	Residential House	Severe	60,232.39		15,000.00
10a	Manuel O. Hilario	San Rafael	Calogin	12	Residential House	Severe	160,780.71		15,000.00
10b	Erwin Balmeo	San Rafael	Calogin	13	Residential House	Severe	102,947.92		15,000.00
11	Euilberto C. Marcos	San Rafael	Capitan	14	Residential House	Severe	8,071.25		16,000.00
12a	Pera V. Moya	San Rafael	Capitan	15	Residential House	-	148,884.43		
12b	Pera V. Moya	San Rafael	Capitan	16	Residential House	-	298,087.13		16,000.00
13a	Corazon E. Ilo	San Rafael	Dilliman 1	17	Residential House	Severe	833,965.82		
13b	Corazon E. Ilo	San Rafael	Dilliman 1	18	Water Station	-	349,928.88		
13c	Corazon E. Ilo	San Rafael	Dilliman 1	19	Steel Gate/Fence	-	347,931.24		
14	Clara E. Ilo	San Rafael	Dilliman 1	20	Residential House	Severe	2,653,542.48		15,000.00
15	Eugenia Valente	San Rafael	Dilliman 1	21	Residential House	Severe	982,817.00		15,000.00
16	Daniel Canaza	San Rafael	Malabac-batas	22	Residential House	Severe	204,478.92		15,000.00
17	Mrs. Cristina M. Cruz (Severino C. Mendocza)	San Rafael	Masatin	23	Residential House	Severe	261,390.31		15,000.00
18	Mrs. Cristina M. Cruz (Severino C. Mendocza)	San Rafael	Masatin	24	Solar Dryer	-	307,915.08		
19	Emerson Magaña	San Rafael	Masatin	25	Gasoline Station	-			No estimates yet
							10,889,788.13		288,000.00

Resettlement Action Plan (Final Report)  
Plaridel Bypass Road Project, Contract Packages III & IV  
ARTERIAL ROAD BYPASS PROJECT, PHASE II

*Annex "C"*

*Tabulation of Affected Plants and Trees*

**Republic of the Philippines**  
**Department of Public Works and Highways**  
**Plaridel Bypass Road Project, Contract Packages III**  
**Resettlement Action Plan (Final)**

No. Code	Name of PAF (Claimant)	Municipality	Barangay	Lot No.	Type of Improvement	Amount
1	Shirley Santos	Bustos	Bonga Menor	105	Plants and Trees	384.00
2	Estrella Ramos	Bustos	Bonga Menor	147	Plants and Trees	1,728.00
3	Abner Nicolas	Bustos	Bonga Menor	142	Plants and Trees	30,327.00
4	Wilfredo Vidal	Bustos	Bonga Menor	110	Plants and Trees	3,388.00
5	Lorela Roberto	Bustos	Bonga Menor	106-A & 106-B	Plants and Trees	19,360.00
6	Hermingildo Cruz	Bustos	Bonga Menor	111	Plants and Trees	25,188.00
7	Cyella Reyes Genabe	Bustos	Bonga Menor	19	Plants and Trees	15,621.00
8	Juanita Perez	Bustos	Bonga Menor	20	Plants and Trees	2,462.00
9	Renato Dillo	Bustos	Bonga Menor	140	Plants and Trees	37,539.00
10	Shella Calvez	Bustos	Bonga Menor	132	Plants and Trees	14,379.00
11	Emenio de Mesa	Bustos	Bonga Menor	143	Plants and Trees	10,191.00
12	Simon Comedia, Jr.	Bustos	Bonga Menor	293	Plants and Trees	66,683.00
						<b>227,190.00</b>

**Republic of the Philippines**  
**Department of Public Works and Highways**  
**Plaridel Bypass Road Project, Contract Packages III**  
**Resettlement Action Plan (Final)**

No. Code	Name of PAF (Claimant)	Municipality	Barangay	Lot No.	Type of Improvement	Amount
1	Flordezta Sanchez rivo Teobito Marcelo	San Rafael	Tambubong	472-C	Plants and Trees	8,226.00
2	Espananza Iral	San Rafael	Tambubong	615-A	Plants and Trees	12,282.00
3	Albert Lumbaban	San Rafael	Tambubong	473	Plants and Trees	17,200.00
4	Ernesto Lumaban	San Rafael	Tambubong	473	Plants and Trees	35,636.00
5	Miguel Iral	San Rafael	Tambubong	472-B	Plants and Trees	13,995.00
6	Hermis Tadeo	San Rafael	Tambubong	472-E	Plants and Trees	11,469.00
7	Espananza Iral	San Rafael	Tambubong	471-A	Plants and Trees	5,868.00
8	Pontuato Torres	San Rafael	Tambubong	471-B	Plants and Trees	7,114.20
9	Pablo Vinquera	San Rafael	Tambubong	471-S	Plants and Trees	5,916.00
10	Eduardo Cruz and Alberto Cruz	San Rafael	Tambubong	471-D & 471-E	Plants and Trees	25,046.00
11	Remedios Infanteado	San Rafael	Tambubong	473-C	Plants and Trees	2,763.00
12	Fanda Ortiz	San Rafael	Tambubong	470-B-1	Plants and Trees	19,954.00
13	Julia Venturina	San Rafael	Tambubong	615-A	Plants and Trees	19,226.00
14	Maria Iral	San Rafael	Tambubong	3309	Plants and Trees	68,466.00
15	Jacinto Iral	San Rafael	Tambubong	541	Plants and Trees	10,265.00
						<b>261,096.20</b>



REPUBLIC OF THE PHILIPPINES  
PROVINCE OF BULACAN  
CITY OF MALOLOS

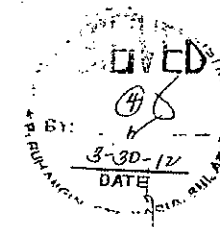
PROVINCIAL GOVERNMENT OF BULACAN

*Provincial Appraisal Committee*

---

March 29, 2012

ENGR. ERELINA B. SANTOS  
District Engineer  
Department of Public Works and Highways  
Bulacan 2nd District Engineering Office  
Santa Maria, Bulacan



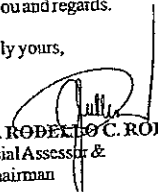
Dear Engineer Santos:

This is in reference to your letter to the Provincial Appraisal Committee (PAC), requesting for the appraisal of properties located in Barangays Tambubong, Caingin, Pinac-pinacan, Capihan, San Roque, Maguinao, Cruz na Daan, Diliman, Mabalasbalas and Maasim, all situated in San Rafael, Bulacan for the acquisition of Road Right-of-Way in the Arterial Road By-pass Project.

We respectfully submit herewith the PAC Resolution No. 2012-007 signed by the committee as our recommended appraisal for the subject property in compliance with your request.

Thank you and regards.

Very truly yours,

  
ARCH. RODELFO C. ROBLES  
Provincial Assessor &  
PAC Chairman

---

GROUND FLOOR PROVINCIAL CAPITOL BUILDING  
CITY OF MALOLOS, BULACAN

TELEPHONE NOS. (044) 791-8116-17

residential subdivision lands in the vicinity of the area in consideration is the Average Opinion Values as stated in the table above;

NOW THEREFORE, be it resolved as it is now resolved that the Market Value of agricultural, residential and residential subdivision lands in Brgys. Tambubong, Caingin, Pinac-pinacan, Capihan, San Roque, Maguinao, Cruz na Daan, Diliman I, Mabalasbalas and Maasim, all situated in San Rafael,

Annex "D"  
**PAC (Provincial Appraisal Committee Resolutions)**



Republic of the Philippines  
Provincial Government of Bulacan  
City of Malolos

Provincial Appraisal Committee

Minutes of the Meeting of the Provincial Appraisal Committee Held at  
The office of the Chairman on March 26, 2012 at 3:00 pm

Present:

Arch. Rodello C. Robles	Provincial Assessor	- Chairman
Ms. Belinda B. Bartolome	Provincial Treasurer	- Member
Engr. Glenn D. Reyes	Provincial Engineer	- Member

PAC RESOLUTION NO. 2012 - 007

PRESENTED were the Request letter of the District Engineer of the Bulacan 2<sup>nd</sup> District Engineering Office of the Department of Public Works and Highways, the Report of the Sub-Committee on Appraisal, and other supporting papers regarding the appraisal of parcels of land in Brgys. Tambubong, Caingin, Pinac-pinacan, Capihan, San Roque, Maguinao, Cruz na Daan, Diliman I, Mabalasbalas and Maasim, all situated in San Rafael, Bulacan for the acquisition of Road Right-Of-Way in the Arterial Road By-pass Project;

WHEREAS, the said parcels of land are requested for just compensation, and will be affected by the Phase 2 (Plaridel-Bustos-San Rafael By-Pass) Philippine-Japan Friendship Highway (Package 3 & 4), pursuant to Executive Order No. 132, Series of 1937 as amended by Executive Order No. 214 Series of 1939.;

WHEREAS, the land in consideration are classified as agricultural / riceland-irrigated and residential / residential subdivision lands;

WHEREAS, Opinion Values were considered for the appraisal;

WHEREAS, based on Opinion Values gathered and analyzed by the Sub-Committee on Appraisal, the Average Market Value of agricultural and residential lands in the vicinity of the areas in consideration amount to the following figures as stated in the table below;

Barangay	Residential Subdivision (In Pesos per Square meter)	Residential Lots (In Pesos per Square meter)	Agricultural Lots (In Pesos per Square meter)
Maasim		2,000.00	250.00
Caingin		3,000.00	300.00
San Roque	2,100.00	750.00	290.00
Mabalas-balas		2,357.14	371.43
Tambubong	3,285.71	3,000.00	283.33
Pinac-Pinacan		744.44	327.78
Cruz na daan	3,536.36	2,909.09	336.36
Diliman I		715.00	211.50
Capihan		1,116.67	375.09
Maguinao	2,180.00	1,350.00	495.00

WHEREAS, the Reasonable Market Value per square meter of agricultural, residential and residential subdivision lands in the vicinity of the area in consideration is the Average Opinion Values as stated in the table above;

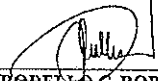
NOW THEREFORE, be it resolved as it is now resolved that the Market Value of agricultural, residential and residential subdivision lands in Brgys. Tambubong, Caingin, Pinac-pinacan, Capihan, San Roque, Maguinao, Cruz na Daan, Diliman I, Mabalasbalas and Maasim, all situated in San Rafael,




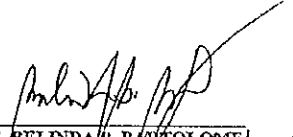
Republic of the Philippines  
Provincial Government of Bulacan  
City of Malolos

Provincial Appraisal Committee

Bulacan as the amount as stated above, is hereby submitted for consideration of the authorities concerned.

  
Arch. **RODELLO C. ROBLES**  
Provincial Assessor  
Chairman

  
ENGR. **GLENN D. REYES**  
Provincial Engineer  
Member

  
MS. **BELINDA B. BARTOLOME**  
Provincial Treasurer  
Member



Republic of the Philippines  
 Provincial Government of Bulacan  
 City of Malolos

Provincial Assessment and Treasury Office

SCHEDULE OF BASE UNIT VALUE FOR MISCELLANEOUS IMPROVEMENTS  
 PLANTS AND TREES - 2005 General Revision

Schedule of Base Unit Value Per Seedling

PLANT / TREE	TRANSPLANTED SEEDLINGS	NON-BEARING	EARLY BEARING	FRUIT BEARING
Avocado	18.40	146.00	435.00	1,452.00
Achuete	7.30	30.00	73.00	242.00
Anonas	7.30	30.00	73.00	242.00
Alis	7.30	30.00	73.00	242.00
Balmbing	4.80	24.00	73.00	242.00
Betelnuts	7.30	24.00	73.00	242.00
Bignay	4.80	24.00	73.00	242.00
Cabuyao	7.30	30.00	73.00	242.00
Cacao	14.60	61.00	145.00	484.00
Calmito (Star Apple)	9.70	97.00	157.00	545.00
Calamansi	12.10	38.00	109.00	303.00
Camachile	7.30	30.00	73.00	242.00
Camansi	6.10	54.00	109.00	353.00
Canias	6.10	30.00	91.00	303.00
Casoy	6.10	30.00	91.00	303.00
Chico	10.20	102.00	327.00	726.00
Gilus	12.10	61.00	169.00	605.00
Coffee	12.10	61.00	162.00	560.00
Coconut	36.40	364.00	726.00	1,936.00
Dukat	6.10	61.00	242.00	726.00
Daryap	6.10	73.00	145.00	484.00
Guava	6.10	38.00	109.00	182.00
Guyabano	9.70	55.00	165.00	484.00
Lansones	36.30	109.00	292.00	958.00
Lemon	18.20	73.00	145.00	484.00
Mabolo	6.10	36.00	109.00	363.00
Malunggay	3.60	36.00	55.00	121.00
Mango	40.40	364.00	1,218.00	4,840.00
Manzanilla	3.60	38.00	73.00	145.00
Nangka	6.10	36.00	220.00	363.00
Oranges	12.10	109.00	145.00	484.00
Papaya	2.40	12.00	73.00	121.00
Pomeh	6.10	55.00	109.00	363.00
Santol	12.20	210.00	484.00	1,452.00
Santol (Java)	24.20	330.00	660.00	1,694.00
Singulitas	6.10	73.00	145.00	242.00
Tamarind	12.20	218.00	660.00	1,694.00
Tinza	3.60	55.00	109.00	242.00
Zapote	2.40	36.00	109.00	242.00

Schedule of Base Unit Value Per Shade Tree / Tree

PLANT / TREE	TRANSPLANTED / POTTED	YOUNG	MEDIUM	FULL GROWN
Rain Tree / Acacia	9.70	61.00	242.00	1,015.00
Alangas	3.60	61.00	182.00	363.00
Alsis	3.60	48.00	182.00	363.00
Alibangbang	3.90	79.00	484.00	726.00
Anilipoto	4.80	73.00	365.00	605.00
Armaing	3.60	61.00	182.00	363.00
Babuyan	3.60	48.00	182.00	363.00
Balele	4.80	73.00	363.00	605.00
Bamboo	24.20	61.00	182.00	145.00
Banana	12.10	38.00	61.00	99.00
Bangka	8.70	38.00	121.00	726.00
Binayoyo	3.60	48.00	182.00	363.00
Buangol	3.60	48.00	182.00	363.00
Buri	8.70	38.00	145.00	363.00
Cabalyero	3.00	48.00	182.00	363.00
Kahumyang	6.10	24.00	61.00	484.00
Katuray	6.10	38.00	73.00	605.00
Kupang	6.10	36.00	73.00	605.00
File Tree	6.10	36.00	97.00	726.00
Ilang-Ilang	10.20	61.00	182.00	909.00
Kepok	6.10	36.00	121.00	726.00
Kakawale/Madre Cacao	6.10	48.00	242.00	847.00
Mokwe/Mulawhi	12.10	61.00	363.00	1,210.00
Nana	12.10	73.00	484.00	1,452.00
Yemame/Gmelina	12.10	65.00	605.00	1,673.00
Mahogany	12.10	61.00	353.00	958.00
Eucalyptus	7.30	73.00	424.00	1,089.00
A. Auriculastermis	6.10	61.00	242.00	847.00
A. Mangium	6.10	61.00	242.00	847.00
Teak	7.30	48.00	218.00	726.00
Benguel Pine	12.10	73.00	424.00	1,089.00
Talisy	6.10	49.00	182.00	726.00
Mambo	3.00	48.00	182.00	363.00
Malapanik	3.60	61.00	182.00	363.00
Malatuhai	3.60	61.00	182.00	363.00
Peper Tree	4.80	73.00	363.00	605.00

POTTED: plantable size, at least two (2) feet  
 YOUNG: 2 to 3 years after planting  
 MEDIUM: harvestable / bearing flowers, fruits  
 FULL GROWN: at least 25 years old

Ground floor, Provincial Capitol Bldg., Guinayunan, Malolos, Bulacan 3000  
 Tel. nos. (044) 791-8117 / 791-8116 / 791-8113 (Admin)  
 Email: [assessor@bulacan.gov.ph](mailto:assessor@bulacan.gov.ph) ; [paio@bulacan.gov.ph](mailto:paio@bulacan.gov.ph)



Provincial Assessment and Treasury Office

Minutes of the Meeting of the Provincial Appraisal Committee Held at  
The office of the Chairman on July 30, 2008 at 3:00 pm

Present:

Arch. Rodello C. Robles	Provincial Assessor	- Chairman
Engr. Romeo S. Castro	Provincial Engineer	- Member
Ms. Belinda B. Bartolome	Provincial Treasurer	- Member

PAC RESOLUTION NO. 2009 - 020

PRESENTED were the Request letter of the District Engineer of Bulacan First Engineering Office-Department of Public Works and Highways (DPWH), the Report of the Sub-Committee on Appraisal, and other supporting papers regarding the appraisal of lands, plants and trees that will be affected by the Phase II of the on-going construction of Plaridel Bypass Road;

WHEREAS, the said parcels of lands are located at Brgys. Bonga Menor, Camachilihan and Malamig in Bustos, Bulacan and Brgys. Bintog, Cullianin and San Jose in Plaridel, Bulacan;

WHEREAS, the lands in consideration at Brgys. Bonga Menor, Camachilihan and Malamig in Bustos, Bulacan are classified as residential and agricultural lands, with some parcels have plants and trees that are also subject for appraisal;

WHEREAS, the lands in consideration at Brgys. Bintog, Cullianin and San Jose in Plaridel, Bulacan are classified as agricultural lands, with some parcels have plants and trees that are also subject for appraisal;

WHEREAS, Opinion Values were taken into consideration for the appraisal of lands;

WHEREAS, based on Opinion Values gathered and analyzed by the Sub-Committee on Appraisal, the Average Market Value of residential lands in the vicinity of Bgy. Bonga Menor in Bustos, Bulacan along national road amount to Two Thousand Pesos (PhP 2,000.00) per square meter, along provincial road amount to One Thousand Five Hundred Twenty Pesos (PhP 1,520.00) per square meter and for interior lots amount to One Thousand Pesos (PhP 1,000.00) per square meter while for agricultural lands along provincial road, amount to Five Hundred Ten Pesos (PhP 510.00) per square meter and for interior lots amount to Three Hundred Pesos (PhP 300.00) per square meter;

WHEREAS, based on Opinion Values gathered and analyzed by the Sub-Committee on Appraisal, the Average Market Value of residential lands in the vicinity of Bgy. Camachilihan in Bustos, Bulacan along provincial road amount to One Thousand Pesos (PhP 1,000.00) per square meter and for interior lots amount to Five Hundred Pesos (PhP 500.00) per square meter while for agricultural lands along provincial road amount to Three Hundred Pesos (PhP 300.00) per square meter and for interior lots amount to One Hundred Eighty Pesos (PhP 180.00) per square meter;

WHEREAS, based on Opinion Values gathered and analyzed by the Sub-Committee on Appraisal, the Average Market Value of residential lands in the vicinity of Bgy. Malamig in Bustos, Bulacan along provincial road amount to One Thousand Eight Hundred Pesos (PhP 1,800.00) per square meter and for interior lots amount to Eight Hundred Pesos (PhP 800.00) per square meter while for agricultural lands along provincial road amount to Five Hundred Pesos (PhP 500.00) per square meter and for interior lots amount to Two Hundred Pesos (PhP 200.00) per square meter;

WHEREAS, based on Opinion Values gathered and analyzed by the Sub-Committee on Appraisal, the Average Market Value of agricultural lands in the vicinity of Bgy. Bintog in Plaridel, Bulacan amount to Six Hundred Twenty Eight Pesos and 57/100 centavos (PhP 628.57) per square meter;



Provincial Assessment and Treasury Office

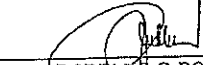
WHEREAS, based on Opinion Values gathered and analyzed by the Sub-Committee on Appraisal, the Average Market Value of agricultural lands in the vicinity of Bgy. Cullianin in Plaridel, Bulacan amount to Four Hundred Ninety Three Pesos and 75/100 centavos (PhP 493.75) per square meter;

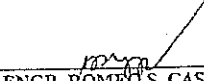
WHEREAS, based on Opinion Values gathered and analyzed by the Sub-Committee on Appraisal, the Average Market Value of agricultural lands in the vicinity of Bgy. San Jose in Plaridel, Bulacan amount to Five Hundred Fifteen Pesos (PhP 515.00) per square meter;

WHEREAS, the valuation of plants and trees be based on the prevailing Schedule of Fair Market Values, duly approved by the Sangguniang Panlalawigan by virtue of Resolution No. 203-S'05 (see Annex "A")

WHEREAS, the Reasonable Market Value of agricultural and residential lands in the vicinity of the area in consideration is the Average of the Opinion Value gathered and analyzed by the Sub-Committee on Appraisal which are listed on "Annex A" attached with this resolution including the Reasonable Market Value for Plants and Trees that will be affected by the same project.

NOW THEREFORE, be it resolved as it is now resolved that the Market Value of agricultural and residential lands which are listed on "Annex A" attached with this resolution, including the Market Value of Plants and Trees is hereby submitted for the consideration of the authorities Concerned.

  
Arch. **RODELLO C. ROBLES**  
Provincial Assessor  
Chairman

  
ENGR. **ROMEO S. CASTRO**  
Provincial Engineer  
Member

**MS. BELINDA B. BARTOLOME**  
Provincial Treasurer  
Member





PAC RESOLUTION NO. 2009 - 020  
"Annex A"

1. The Average Opinion Value for lands located in Bustos, Bulacan are as follows:

BARANGAY	CLASSIFICATION	ALONG NAT'L RD (PhP per sq. m)	ALONG PROV'L RD (PhP per sq. m)	INTERIOR (PhP per sq. m)
BONGA MENOR	Residential	Two Thousand Pesos (PhP 2,000.00) per square meter	One Thousand Five Hundred Twenty Pesos (PhP 1,520.00) per square meter	One Thousand Pesos (PhP 1,000.00) per square meter
	Agricultural		Five Hundred Ten Pesos (PhP 510.00) per square meter	Three Hundred Pesos (PhP 300.00) per square meter
CAMACHILHAN	Residential		One Thousand Pesos (PhP 1,000.00) per square meter	Five Hundred Pesos (PhP 500.00) per square meter
	Agricultural		Three Hundred Pesos (PhP 300.00) per square meter	One Hundred Eighty Pesos (PhP 180.00) per square meter
MALAMIG	Residential		One Thousand Eight Hundred Pesos (PhP 1,800.00) per square meter	Eight Hundred Pesos (PhP 800.00) per square meter
	Agricultural		Five Hundred Pesos (PhP 500.00) per square meter	Two Hundred Pesos (PhP 200.00) per square meter

2. The Average Opinion Value for lands located in Plaridel, Bulacan are as follows:

BARANGAY	CLASSIFICATION	Amount (PhP per sq. m)
BINTOG	1 <sup>st</sup> Class Agricultural-Riceland Irrigated	Six Hundred Twenty Eight Pesos and 57/100 centavos (PhP 628.57) per square meter
CULIANIN	1 <sup>st</sup> Class Agricultural-Riceland Irrigated	Four Hundred Ninety Three Pesos and 75/100 centavos (PhP 493.75) per square meter
SAN JOSE	1 <sup>st</sup> Class Agricultural-Riceland Irrigated	Five Hundred Fifteen Pesos (PhP 515.00) per square meter



SCHEDULE OF BASE UNIT VALUE FOR MISCELLANEOUS IMPROVEMENTS  
PLANTS AND TREES - 2005 General Revision

Schedule of Base Unit Value Per Seedling

PLANT / TREE	TRANSPLANTED SEEDLINGS	NON-BEARING	EARLY BEARING	FRUIT BEARING
Avocado	19.00	145.00	435.00	1,452.00
Achueite	7.30	30.00	73.00	242.00
Anonias	7.30	30.00	73.00	242.00
Atis	7.30	30.00	73.00	242.00
Balimbing	4.80	24.00	73.00	242.00
Betelnuts	7.30	24.00	73.00	242.00
Binang	4.80	24.00	73.00	242.00
Cabuyao	7.30	30.00	73.00	242.00
Cacao	14.50	61.00	145.00	484.00
Cairito (Star Apple)	9.70	97.00	157.00	545.00
Calamansi	12.10	36.00	109.00	303.00
Camachile	7.30	35.00	73.00	242.00
Camansi	6.10	54.00	109.00	363.00
Camias	6.10	30.00	91.00	303.00
Casay	6.10	30.00	91.00	303.00
Chico	18.20	182.00	327.00	726.00
Citrus	12.10	61.00	169.00	605.00
Coffee	12.10	61.00	182.00	650.00
Coconut	35.40	354.00	726.00	1,935.00
Duhaf	6.10	61.00	242.00	726.00
Dayab	6.10	73.00	145.00	484.00
Guava	6.10	38.00	109.00	182.00
Guyabano	9.70	55.00	165.00	494.00
Lansones	36.30	109.00	292.00	958.00
Lemon	18.20	73.00	145.00	484.00
Mabolo	6.10	36.00	109.00	353.00
Malunggay	3.60	36.00	55.00	121.00
Mango	48.40	364.00	1,210.00	4,840.00
Manzanitas	3.60	36.00	73.00	145.00
Nangka	6.10	36.00	220.00	363.00
Oranges	12.10	109.00	145.00	484.00
Papaya	2.40	12.00	73.00	121.00
Pomelo	6.10	55.00	109.00	363.00
Santol	12.20	218.00	484.00	1,452.00
Santol (Java)	24.20	338.00	660.00	1,694.00
Singuelas	6.10	73.00	145.00	242.00
Tamarind	12.20	218.00	660.00	1,694.00
Tieza	3.60	55.00	109.00	242.00
Zapote	2.40	36.00	109.00	242.00



Schedule of Base Unit Value Per Shade Tree / Forest Tree

PLANT / TREE	TRANSPLANTED / POTTED	YOUNG	MEDIUM	FULL GROWN
Ran Tree / Acacia	9.70	61.00	242.00	1,815.00
Alatangas	3.60	61.00	182.00	363.00
Alasis	3.60	48.00	182.00	363.00
Alibangbang	3.90	79.00	484.00	726.00
Antipolo	4.80	73.00	385.00	605.00
Amaing	3.60	61.00	182.00	363.00
Babayan	3.60	48.00	182.00	363.00
Balete	4.80	73.00	363.00	605.00
Bamboo	24.20	61.00	109.00	145.00
Banana	12.10	35.00	61.00	90.00
Bangkal	9.70	35.00	121.00	726.00
Binayogo	3.60	48.00	182.00	363.00
Bitungal	3.00	48.00	182.00	363.00
Buri	9.70	35.00	145.00	363.00
Cabalyero	3.00	48.00	182.00	363.00
Kalumpang	6.10	24.00	61.00	484.00
Kalaray	6.10	35.00	73.00	605.00
Kupang	6.10	35.00	73.00	605.00
Fire Tree	6.10	35.00	97.00	726.00
Ilang-Ilang	18.20	61.00	182.00	908.00
Kapok	6.10	35.00	121.00	726.00
Kakawale/Madre Cacao	6.10	48.00	242.00	847.00
Molave/Mulawin	12.10	61.00	363.00	1,210.00
Narra	12.10	73.00	484.00	1,452.00
Yemane/Gmelina	12.10	85.00	605.00	1,573.00
Mahogany	12.10	61.00	363.00	968.00
Eucaliptus	7.30	73.00	424.00	1,089.00
A. Auriculalefermia	6.10	61.00	242.00	847.00
A. Mangium	6.10	61.00	242.00	847.00
Teak	7.30	48.00	218.00	726.00
Benguet Pine	12.10	73.00	424.00	1,089.00
Taksay	6.10	48.00	182.00	726.00
Mambog	3.00	48.00	182.00	363.00
Malaganit	3.60	61.00	182.00	363.00
Malanhat	3.60	61.00	182.00	363.00
Paper Tree	4.80	73.00	363.00	605.00

POTTED: plantable size, at least two (2) feet  
YOUNG: 2 to 3 years after plating  
MEDIUM: harvestable / bearing flowers, fruits  
FULL GROWN: at least 25 years old






Schedule of Base Unit Value Per Shade Tree / Forest Tree



PLANT / TREE	TRANSPLANTED / POTTED	YOUNG	MEDIUM	FULL GROWN
Ran Tree / Acacia	9.70	61.00	242.00	1,815.00
Alatangas	3.60	61.00	182.00	363.00
Alasis	3.60	48.00	182.00	363.00
Alibangbang	3.90	79.00	484.00	726.00
Antipolo	4.80	73.00	385.00	605.00
Amaing	3.60	61.00	182.00	363.00
Babayan	3.60	48.00	182.00	363.00
Balete	4.80	73.00	363.00	605.00
Bamboo	24.20	61.00	109.00	145.00
Banana	12.10	35.00	61.00	90.00
Bangkal	9.70	35.00	121.00	726.00
Binayogo	3.60	48.00	182.00	363.00
Bitungal	3.00	48.00	182.00	363.00
Buri	9.70	35.00	145.00	363.00
Cabalyero	3.00	48.00	182.00	363.00
Kalumpang	6.10	24.00	61.00	484.00
Kalaray	6.10	35.00	73.00	605.00
Kupang	6.10	35.00	73.00	605.00
Fire Tree	6.10	35.00	97.00	726.00
Ilang-Ilang	18.20	61.00	182.00	908.00
Kapok	6.10	35.00	121.00	726.00
Kakawale/Madre Cacao	6.10	48.00	242.00	847.00
Molave/Mulawin	12.10	61.00	363.00	1,210.00
Narra	12.10	73.00	484.00	1,452.00
Yemane/Gmelina	12.10	85.00	605.00	1,573.00
Mahogany	12.10	61.00	363.00	968.00
Eucaliptus	7.30	73.00	424.00	1,089.00
A. Auriculalefermia	6.10	61.00	242.00	847.00
A. Mangium	6.10	61.00	242.00	847.00
Teak	7.30	48.00	218.00	726.00
Benguet Pine	12.10	73.00	424.00	1,089.00
Taksay	6.10	48.00	182.00	726.00
Mambog	3.00	48.00	182.00	363.00
Malaganit	3.60	61.00	182.00	363.00
Malanhat	3.60	61.00	182.00	363.00
Paper Tree	4.80	73.00	363.00	605.00

POTTED: plantable size, at least two (2) feet  
YOUNG: 2 to 3 years after plating  
MEDIUM: harvestable / bearing flowers, fruits  
FULL GROWN: at least 25 years old

***Annex "E"***  
***Photographs of Affected Residential  
 and Minor Structures***





	
<p>PAF: HERMINIGILDO C. CRUZ</p> <p>Type of Structure: Fence</p> <p>RROW ID #: CP3(1)-1</p> <p>Extent of Impact: Severe</p> <p>Amount: PhP 39,097.40 (As per DPWH Detailed Estimate)</p>	<p>PAF: PILAR V. SEBASTIAN</p> <p>Type of Structure: Residential House</p> <p>RROW ID #: CP3(1)-2</p> <p>Extent of Impact: Severe</p> <p>Amount: PhP 17,907.11 (As per DPWH Detailed Estimate)</p>
	
<p>PAF: AMANCIO D. EBARRITE M/TO ALMA S. EBARRITE</p> <p>Type of Structure: Residential House</p> <p>RROW ID #: CP3(1)-3</p> <p>Extent of Impact: Severe</p> <p>Amount: PhP 69,605.00 (As per DPWH Detailed Estimate)</p>	<p>PAF: NOLI S. LADAN, JR. M/TO ANGELIQUE E. LADAN</p> <p>Type of Structure: Residential House</p> <p>RROW ID #: CP3(1)-4</p> <p>Extent of Impact: Severe</p> <p>Amount: PhP 50,387.00 (As per DPWH Detailed Estimate)</p>

**Resettlement Action Plan (Final Report)**  
 Plaridel Bypass Road Project, Contract Packages III & IV  
 ARTERIAL ROAD BYPASS PROJECT, PHASE II

	
PAF: SIMEON C. COMEDA, JR.	PAF: GLORIA L. ALMONICAR
Type of Structure: Residential House	Type of Structure: Residential House
RROW ID #: CP3(1)-5	RROW ID #: CP3(1)-6
Extent of Impact: Severe	Extent of Impact: Severe
Amount: PhP 509,531.68 (As per DPWH Detailed Estimate)	Amount: PhP 15,213.74 (As per DPWH Detailed Estimate)


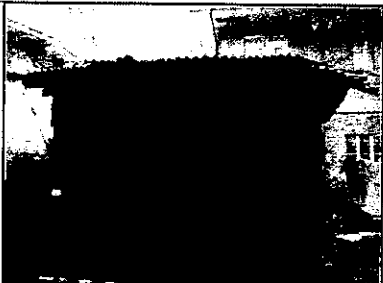


Affected Structures - (CP-3) 2

**Resettlement Action Plan (Final Report)**  
 Plaridel Bypass Road Project, Contract Packages III & IV  
 ARTERIAL ROAD BYPASS PROJECT, PHASE II

	
PAF: ORLANDO A. MARCELO	PAF: ORLANDO A. MARCELO
Type of Structure: Residential House	Type of Structure: Piggery
RROW ID #: CP3(2)-1a	RROW ID #: CP3(2)-1b
Extent of Impact: Severe	Extent of Impact: Severe
Amount: PhP 1,310,221.38 (As per DPWH Detailed Estimate)	Amount: PhP 304,169.25 (As per DPWH Detailed Estimate)
	
PAF: HERMINIA A. TADEO	PAF: SATURNINA I. CRUZ
Type of Structure: Residential House	Type of Structure: Residential House
RROW ID #: CP3(2)-2	RROW ID #: CP3(2)-3
Extent of Impact: Severe	Extent of Impact: Severe
Amount: PhP 1,651,016.68 (As per DPWH Detailed Estimate)	Amount: PhP 2,013,428.26 (As per DPWH Detailed Estimate)





Affected Structures - (CP-3) 3

Resettlement Action Plan (Final Report)  
 Plaridel Bypass Road Project, Contract Packages III & IV  
 ARTERIAL ROAD BYPASS PROJECT, PHASE II





	
PAF: TEOFILO P. MARCELO  Type of Structure: Residential House RROW ID #: CP3(2)-4a Extent of Impact: Severe Amount: PhP 1,745,893.24 (As per DPWH Detailed Estimate)	PAF: TEOFILO P. MARCELO  Type of Structure: Warehouse RROW ID #: CP3(2)-4b Extent of Impact: Severe Amount: PhP 132,922.80 (As per DPWH Detailed Estimate)
	
PAF: MIGUEL I. IRAL c/o SATURNINA I. CRUZ  Type of Structure: Residential House RROW ID #: CP3(2)-5 Extent of Impact: Severe Amount: PhP 335,488.89 (As per DPWH Detailed Estimate)	PAF: RUFINO I. IRAL c/o ESPERANZA S. IRAL  Type of Structure: Residential House/ Store RROW ID # : CP3(2)-6a Extent of Impact : Severe Amount : PhP 1,161,786.20 (As per DPWH Detailed Estimate)

Affected Structures - (CP-3) 4





Resettlement Action Plan (Final Report)  
 Plaridel Bypass Road Project, Contract Packages III & IV  
 ARTERIAL ROAD BYPASS PROJECT, PHASE II

	
PAF: ESPERANZA S. IRAL  Type of Structure: Piggery RROW ID #: CP3(2)-6b Extent of Impact: Severe Amount: PhP 76,605.53 (As per DPWH Detailed Estimate)	PAF: ERNESTO D. LUMABAN  Type of Structure: Residential House RROW ID #: CP3(2)-7a Extent of Impact: Severe Amount: PhP 848,141.41 (As per DPWH Detailed Estimate)
	
PAF: ERNESTO D. LUMABAN  Type of Structure: Piggery RROW ID #: CP3(2)-7b Extent of Impact: Severe Amount: PhP 103,395.44 (As per DPWH Detailed Estimate)	PAF: LUCIA G. LUMABAN c/o ALBERT G. LUMABAN  Type of Structure: Residential House RROW ID #: CP3(2)-8a Extent of Impact: Severe Amount: PhP 1,137,805.21 (As per DPWH Detailed Estimate)

Affected Structures - (CP-3) 5

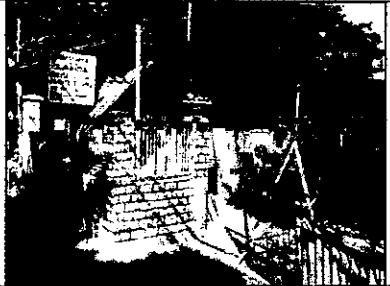

	
PAF: ALBERT G. LUMABAN	PAF: VICTORIA G. DELA CRUZ
Type of Structure: Piggery	Type of Structure: Residential House
RROW ID #: CP3(2)-8b	RROW ID #: CP3(2)-9
Extent of Impact: Severe	Extent of Impact: Marginal
Amount: PhP 43,074.46 (As per DPWH Detailed Estimate)	Amount: PhP 205,457.40 (As per DPWH Detailed Estimate)
	
PAF: ESTELLA R. GARCIA	PAF: ALFREDO I. DELA CRUZ
Type of Structure: Residential House	Type of Structure: Residential House
RROW ID #: CP3(2)-10	RROW ID #: CP3(2)-11
Extent of Impact: Severe	Extent of Impact: Severe
Amount: PhP 309,423.61 (As per DPWH Detailed Estimate)	Amount: PhP 249,960.44 (As per DPWH Detailed Estimate)

Affected Structures - (CP-3) 6

	
PAF: VICTORINO V. ORTIZ LUIS	PAF: HECTOR S. VIQUIERA
Type of Structure: Residential House	Type of Structure: Residential House
RROW ID #: CP3(2)-12	RROW ID #: CP3(2)-13
Extent of Impact: Marginal	Extent of Impact: Severe
Amount: PhP 31,454.61 (As per DPWH Detailed Estimate)	Amount: PhP 2,115,006.50 (As per DPWH Detailed Estimate)
	
PAF: PABLO S. VIQUIERA	PAF: FORTUNATO TORRES
Type of Structure: Residential House	Type of Structure: Residential House
RROW ID #: CP3(2)-14	RROW ID #: CP3(2)-15a
Extent of Impact: Severe	Extent of Impact: Severe
Amount: PhP 576,609.92 (As per DPWH Detailed Estimate)	Amount: PhP 1,048,764.67 (As per DPWH Detailed Estimate)





Affected Structures - (CP-3) 7

Resettlement Action Plan (Final Report)  
 Plaridel Bypass Road Project, Contract Packages III & IV  
 ARTERIAL ROAD BYPASS PROJECT, PHASE II

	
PAF: FORTUNATO TORRES	PAF: NAPOLEON N. VILLAROMAN
Type of Structure: Commercial	Type of Structure: Residential House
RROW ID #: CP3(2)-15b	RROW ID #: CP3(2)-16
Extent of Impact: Severe	Extent of Impact: Severe
Amount: PhP 124,553.20 (As per DPWH Detailed Estimate)	Amount: PhP 1,419,366.48 (As per DPWH Detailed Estimate)




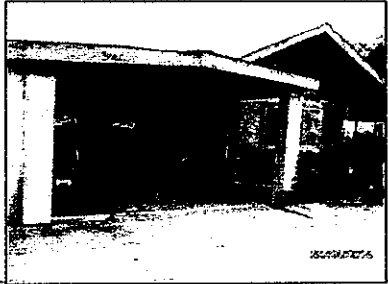
Affected Structures - (CP-3) 8

Resettlement Action Plan (Final Report)  
 Plaridel Bypass Road Project, Contract Packages III & IV  
 ARTERIAL ROAD BYPASS PROJECT, PHASE II

	
PAF: DANILO F. MOJICA	PAF: DANILO F. MOJICA
Type of Structure: Residential House	Type of Structure: Concrete Fence
RROW ID #: CP4-1a	RROW ID #: CP4-1b
Extent of Impact: Severe	Extent of Impact: Severe (Marginal)
Amount: PhP 204,290.49 (As per DPWH Detailed Estimate)	Amount: PhP 173,165.51 (As per DPWH Detailed Estimate)
	
PAF: MOMARCO	PAF: RODOLFO P. VENERACION
Type of Structure: Residential House	Type of Structure: Rice Mill/ House
RROW ID #: CP4-2	RROW ID #: CP4-3
Extent of Impact: Severe	Extent of Impact: Severe
Amount: PhP 182,518.26 (As per DPWH Detailed Estimate)	Amount: PhP 825,704.39 (As per DPWH Detailed Estimate)





Affected Structures - (CP-4) 1

**Resettlement Action Plan (Final Report)**  
 Plaridel Bypass Road Project, Contract Packages III & IV  
 ARTERIAL ROAD BYPASS PROJECT, PHASE II

	
PAF: JOSELITO M. SANTOS (MACARIO C. SANTOS)	PAF: FELIX DEDUCTO
Type of Structure: 5-Doors Residential House/Appartment	Type of Structure: Residential House
RROW ID #: CP4-4	RROW ID #: CP4-5
Extent of Impact: Severe	Extent of Impact: Severe
Amount: PhP 1,559,087.46 (As per DPWH Detailed Estimate)	Amount: PhP 236,496.56 (As per DPWH Detailed Estimate)
	
PAF: MERLITA A. VASALIO	PAF: HENRY B. MUGA
Type of Structure: Residential House	Type of Structure: Residential House
RROW ID #: CP4-6	RROW ID #: CP4-7a
Extent of Impact: Severe	Extent of Impact: Severe
Amount: PhP 461,849.08 (As per DPWH Detailed Estimate)	Amount: PhP 750,083.63 (As per DPWH Detailed Estimate)

Affected Structures - (CP-4) 2

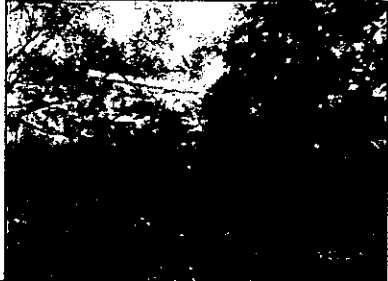



**Resettlement Action Plan (Final Report)**  
 Plaridel Bypass Road Project, Contract Packages III & IV  
 ARTERIAL ROAD BYPASS PROJECT, PHASE II

	
PAF: HENRY B. MUGA & CYNTHIA A. AQUINO	PAF: FELIXBERTO ANGELINO
Type of Structure: Nipa Hut/ Store	Type of Structure: Residential House
RROW ID #: CP4-7a	RROW ID #: CP4-8
Extent of Impact: Severe	Extent of Impact: Severe
Amount: PhP 178,495.11 (As per DPWH Detailed Estimate)	Amount: PhP 60,232.39 (As per DPWH Detailed Estimate)
	
PAF: MANUEL O. HILARIO	PAF: ERWIN BALMEO
Type of Structure: Residential House	Type of Structure: Residential House
RROW ID #: CP4-9	RROW ID #: CP4-10a
Extent of Impact: Severe	Extent of Impact: Severe
Amount: PhP 160,780.71 (As per DPWH Detailed Estimate)	Amount: PhP 102,947.92 (As per DPWH Detailed Estimate)

Affected Structures - (CP-4) 3







Resettlement Action Plan (Final Report)  
 Plaridel Bypass Road Project, Contract Packages III & IV  
 ARTERIAL ROAD BYPASS PROJECT, PHASE II

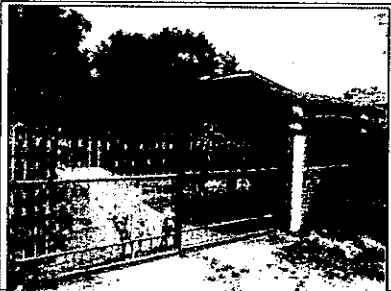



	
PAF: ERWIN BALMEO  Type of Structure: Poultry RROW ID #: CP4-10b Extent of Impact: Severe Amount: PhP 8,071.25 (As per DPWH Detailed Estimate)	PAF: EDILBERTO C. MARCOS  Type of Structure: Residential House RROW ID #: CP4-11 Extent of Impact: Severe Amount: PhP 140,610.31 (As per DPWH Detailed Estimate)
	
PAF: PERLA V. MOYA  Type of Structure: Piggery RROW ID #: CP4-12a Extent of Impact: Severe Amount: PhP 148,864.43 (As per DPWH Detailed Estimate)	PAF: PERLA V. MOYA  Type of Structure: Piggery RROW ID #: CP4-12b Extent of Impact: Severe Amount: PhP 298,057.13 (As per DPWH Detailed Estimate)

Affected Structures - (CP-4) 4

Resettlement Action Plan (Final Report)  
 Plaridel Bypass Road Project, Contract Packages III & IV  
 ARTERIAL ROAD BYPASS PROJECT, PHASE II

	
PAF: CORAZON E. ILETO  Type of Structure: Residential House RROW ID #: CP4-13a Extent of Impact: Severe Amount: PhP 833,965.62 (As per DPWH Detailed Estimate)	PAF: CORAZON E. ILETO  Type of Structure: Water Station RROW ID #: CP4-13b Extent of Impact: Severe Amount: PhP 349,928.88 (As per DPWH Detailed Estimate)
	
PAF: CORAZON E. ILETO  Type of Structure: Fence & Steel Gate RROW ID #: CP4-13c Extent of Impact: Severe Amount: PhP 347,931.24 (As per DPWH Detailed Estimate)	PAF: CRIZAR E. ILETO  Type of Structure: Residential House RROW ID #: CP4-14 Extent of Impact: Severe Amount: PhP 2,553,542.45 (As per DPWH Detailed Estimate)

Affected Structures - (CP-4) 5

	
<p>PAF: EUFRECINA R. VALERO</p> <p>Type of Structure: Residential House</p> <p>RROW ID #: CP4-15</p> <p>Extent of Impact: Severe</p> <p>Amount: PhP 992,817.00 (As per DPWH Detailed Estimate)</p>	<p>PAF: LUCILA DELA CRUZ</p> <p>Type of Structure: Residential House</p> <p>RROW ID #: CP4-16</p> <p>Extent of Impact: Severe</p> <p>Amount: PhP 552,554.23 (As per DPWH Detailed Estimate)</p>
	
<p>PAF: MA. CRISTINA M. CRUZ (SEVERINO C. MENDOZA)</p> <p>Type of Structure: Residential House</p> <p>RROW ID #: CP4-17</p> <p>Extent of Impact: Severe</p> <p>Amount: PhP 251,390.31 (As per DPWH Detailed Estimate)</p>	<p>PAF: MAASIM BARANGAY COUNCIL</p> <p>Type of Structure: Palay Solar Drier</p> <p>RROW ID #: CP4-18</p> <p>Extent of Impact: Severe</p> <p>Amount: PhP 307,915.08 (As per DPWH Detailed Estimate)</p>



PAF: EMERSON T. MAGADIA

Type of Structure: Shell Gasoline Station

Type of Ownership: Legal Owner

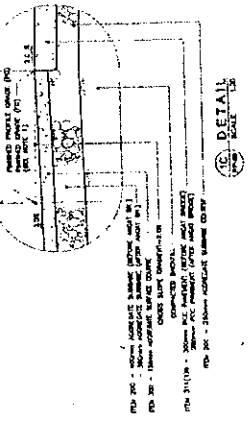
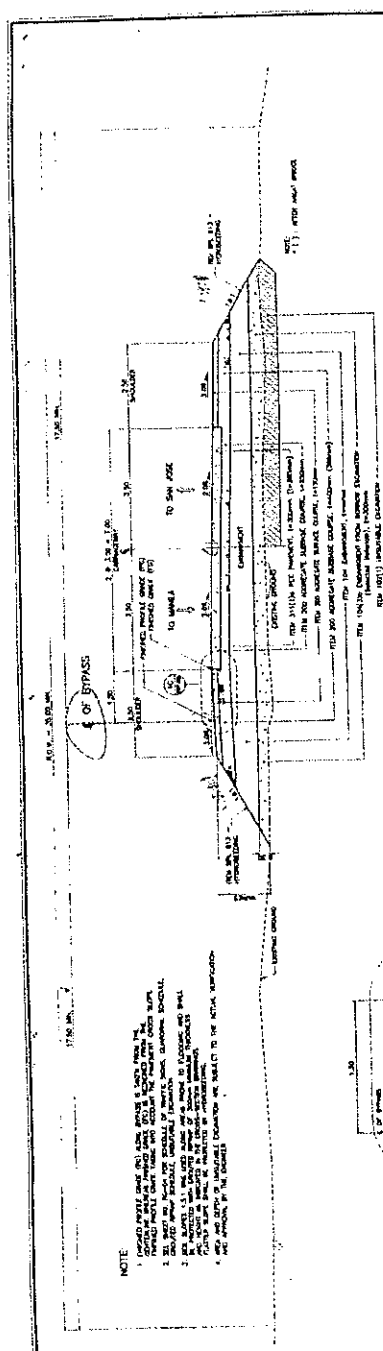
Location: Maasim, San Rafael, Bulacan

Station:

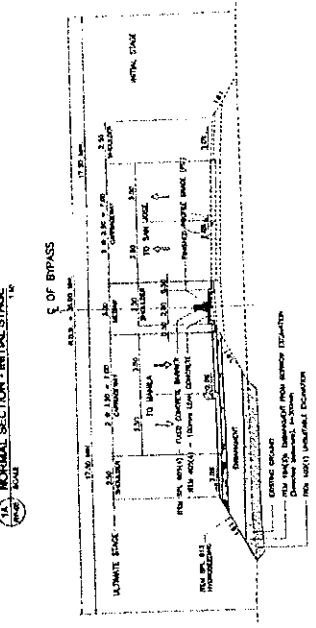
RROW ID #: CP4-19

Extent of Impact: Marginal

Amount: PhP 0,000,000.00  
(Detailed Estimate will be prepared during As-staked Survey/Plans preparation)



HALF SECTION SHOWING ROADWAY WITHOUT UNUSUAL EXCAVATION  
 NORMAL SECTION - INITIAL STAGE  
 SCALE 1:10



ITEM NO.	DESCRIPTION	UNIT	QUANTITY	AMOUNT
1	PAVEMENT DESIGN PARAMETERS			
1	ROADWAY WIDTH	15.00	15.00	15.00
2	ROADWAY LENGTH	100.00	100.00	100.00
3	ROADWAY AREA	1500.00	1500.00	1500.00
4	ROADWAY PERIMETER	130.00	130.00	130.00
5	ROADWAY VOLUME	1500.00	1500.00	1500.00
6	ROADWAY WEIGHT	1500.00	1500.00	1500.00
7	ROADWAY CENTERLINE	1500.00	1500.00	1500.00
8	ROADWAY CENTERLINE	1500.00	1500.00	1500.00
9	ROADWAY CENTERLINE	1500.00	1500.00	1500.00
10	ROADWAY CENTERLINE	1500.00	1500.00	1500.00
11	ROADWAY CENTERLINE	1500.00	1500.00	1500.00
12	ROADWAY CENTERLINE	1500.00	1500.00	1500.00
13	ROADWAY CENTERLINE	1500.00	1500.00	1500.00
14	ROADWAY CENTERLINE	1500.00	1500.00	1500.00
15	ROADWAY CENTERLINE	1500.00	1500.00	1500.00

NORMAL SECTION - ULTIMATE STAGE  
 REFERENCE FOR DIMENSIONS: SEE DRAWING

TYPICAL ROADWAY SECTIONS  
 SCALE 1:10

APPROVED: [Signature]

DATE: [Date]

PROJECT: [Project Name]

SCALE: 1:10

REVISIONS:

NO.	DESCRIPTION	DATE
1	ISSUED FOR TENDER	15/10/2023
2	ISSUED FOR TENDER	15/10/2023
3	ISSUED FOR TENDER	15/10/2023

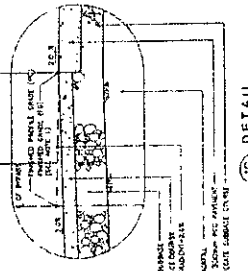
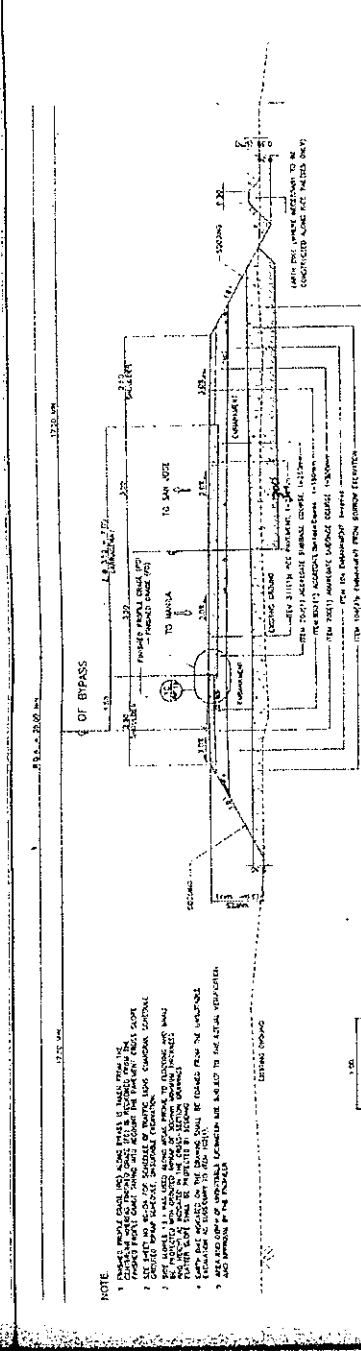
DESIGNED BY: [Name]

CHECKED BY: [Name]

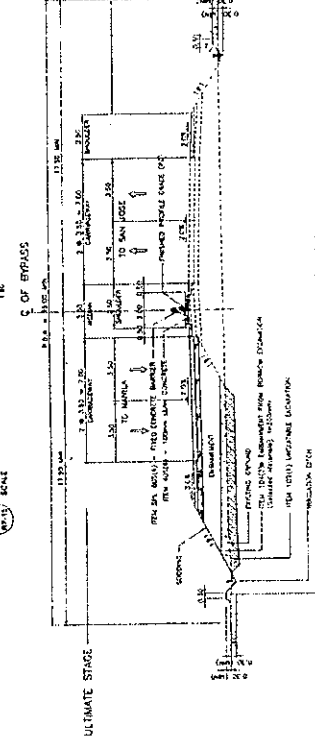
SCALE: 1:10

PROJECT NO: [Number]

DATE: [Date]



HALF SECTION SHOWING ROADWAY WITH UNUSUAL EXCAVATION  
 NORMAL SECTION - INITIAL STAGE  
 SCALE 1:10



ITEM NO.	DESCRIPTION	UNIT	QUANTITY	AMOUNT
1	PAVEMENT DESIGN PARAMETERS			
1	ROADWAY WIDTH	15.00	15.00	15.00
2	ROADWAY LENGTH	100.00	100.00	100.00
3	ROADWAY AREA	1500.00	1500.00	1500.00
4	ROADWAY PERIMETER	130.00	130.00	130.00
5	ROADWAY VOLUME	1500.00	1500.00	1500.00
6	ROADWAY WEIGHT	1500.00	1500.00	1500.00
7	ROADWAY CENTERLINE	1500.00	1500.00	1500.00
8	ROADWAY CENTERLINE	1500.00	1500.00	1500.00
9	ROADWAY CENTERLINE	1500.00	1500.00	1500.00
10	ROADWAY CENTERLINE	1500.00	1500.00	1500.00
11	ROADWAY CENTERLINE	1500.00	1500.00	1500.00
12	ROADWAY CENTERLINE	1500.00	1500.00	1500.00
13	ROADWAY CENTERLINE	1500.00	1500.00	1500.00
14	ROADWAY CENTERLINE	1500.00	1500.00	1500.00
15	ROADWAY CENTERLINE	1500.00	1500.00	1500.00

NORMAL SECTION - ULTIMATE STAGE  
 REFERENCE FOR DIMENSIONS: SEE DRAWING

TYPICAL ROADWAY SECTIONS  
 SCALE 1:10

APPROVED: [Signature]

DATE: [Date]

PROJECT: [Project Name]

SCALE: 1:10

REVISIONS:

NO.	DESCRIPTION	DATE
1	ISSUED FOR TENDER	15/10/2023
2	ISSUED FOR TENDER	15/10/2023
3	ISSUED FOR TENDER	15/10/2023

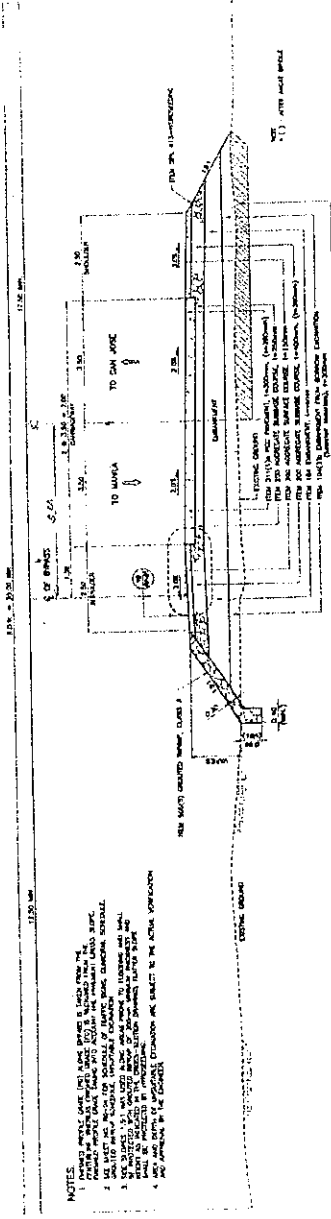
DESIGNED BY: [Name]

CHECKED BY: [Name]

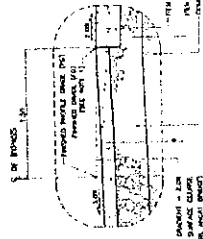
SCALE: 1:10

PROJECT NO: [Number]

DATE: [Date]



NOTES:  
 1. REFER TO THE PLAN AND ELEVATION SHEETS FOR THE LOCATION OF THE ROADWAY AND THE LOCATION OF THE MAINT GRADED DRIVE CURVE.  
 2. THE ROADWAY SHALL BE CONSTRUCTED TO THE STANDARD CROSS SECTION.  
 3. THE ROADWAY SHALL BE CONSTRUCTED TO THE STANDARD CROSS SECTION.  
 4. THE ROADWAY SHALL BE CONSTRUCTED TO THE STANDARD CROSS SECTION.  
 5. THE ROADWAY SHALL BE CONSTRUCTED TO THE STANDARD CROSS SECTION.

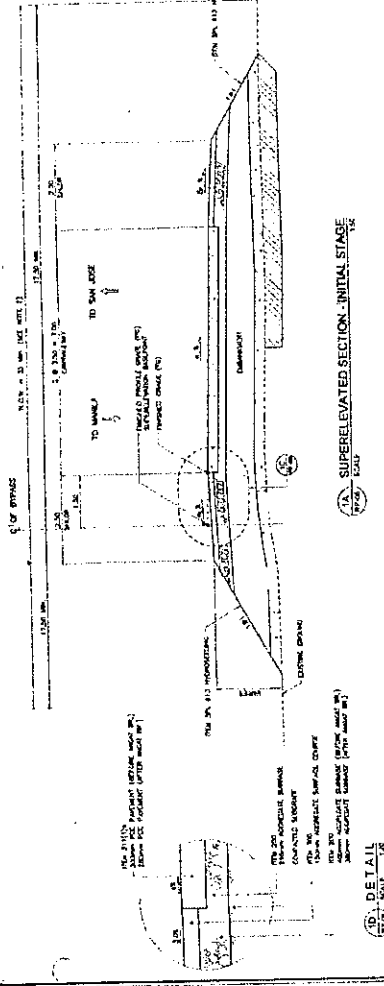


DETAIL SCALE 1/8"  
 1. THE DRAINAGE CURVE SHALL BE CONSTRUCTED TO THE STANDARD CROSS SECTION.  
 2. THE DRAINAGE CURVE SHALL BE CONSTRUCTED TO THE STANDARD CROSS SECTION.  
 3. THE DRAINAGE CURVE SHALL BE CONSTRUCTED TO THE STANDARD CROSS SECTION.

NORMAL SECTION AT FLOODED AREAS - INITIAL STAGE

SCALE 1/8" = 1'-0"

	UNIVERSITY OF CALIFORNIA DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING 1000 UNIVERSITY AVENUE, DAVIS, CALIFORNIA 95616	PROJECT NO. 100-100-100-100 SHEET NO. 100-100-100-100	DATE: 10/10/10	DRAWN BY: [Signature] CHECKED BY: [Signature]	APPROVED BY: [Signature]	TYPICAL ROADWAY SECTIONS NORMAL SECTION AT FLOODED AREAS - INITIAL STAGE	SHEET NO. 100-100-100-100 TOTAL SHEETS: 100-100-100-100
--	--	--	----------------	--	--------------------------	---	--

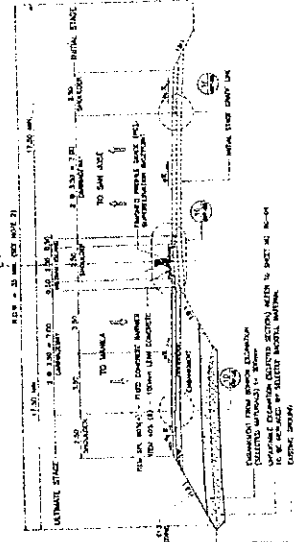


NOTES:  
 1. REFER TO THE PLAN AND ELEVATION SHEETS FOR THE LOCATION OF THE ROADWAY AND THE LOCATION OF THE MAINT GRADED DRIVE CURVE.  
 2. THE ROADWAY SHALL BE CONSTRUCTED TO THE STANDARD CROSS SECTION.  
 3. THE ROADWAY SHALL BE CONSTRUCTED TO THE STANDARD CROSS SECTION.  
 4. THE ROADWAY SHALL BE CONSTRUCTED TO THE STANDARD CROSS SECTION.  
 5. THE ROADWAY SHALL BE CONSTRUCTED TO THE STANDARD CROSS SECTION.

DETAIL SCALE 1/8"  
 1. THE DRAINAGE CURVE SHALL BE CONSTRUCTED TO THE STANDARD CROSS SECTION.  
 2. THE DRAINAGE CURVE SHALL BE CONSTRUCTED TO THE STANDARD CROSS SECTION.  
 3. THE DRAINAGE CURVE SHALL BE CONSTRUCTED TO THE STANDARD CROSS SECTION.

SUPER-ELEVATED SECTION - INITIAL STAGE

SCALE 1/8" = 1'-0"



NOTES:  
 1. REFER TO THE PLAN AND ELEVATION SHEETS FOR THE LOCATION OF THE ROADWAY AND THE LOCATION OF THE MAINT GRADED DRIVE CURVE.  
 2. THE ROADWAY SHALL BE CONSTRUCTED TO THE STANDARD CROSS SECTION.  
 3. THE ROADWAY SHALL BE CONSTRUCTED TO THE STANDARD CROSS SECTION.  
 4. THE ROADWAY SHALL BE CONSTRUCTED TO THE STANDARD CROSS SECTION.  
 5. THE ROADWAY SHALL BE CONSTRUCTED TO THE STANDARD CROSS SECTION.

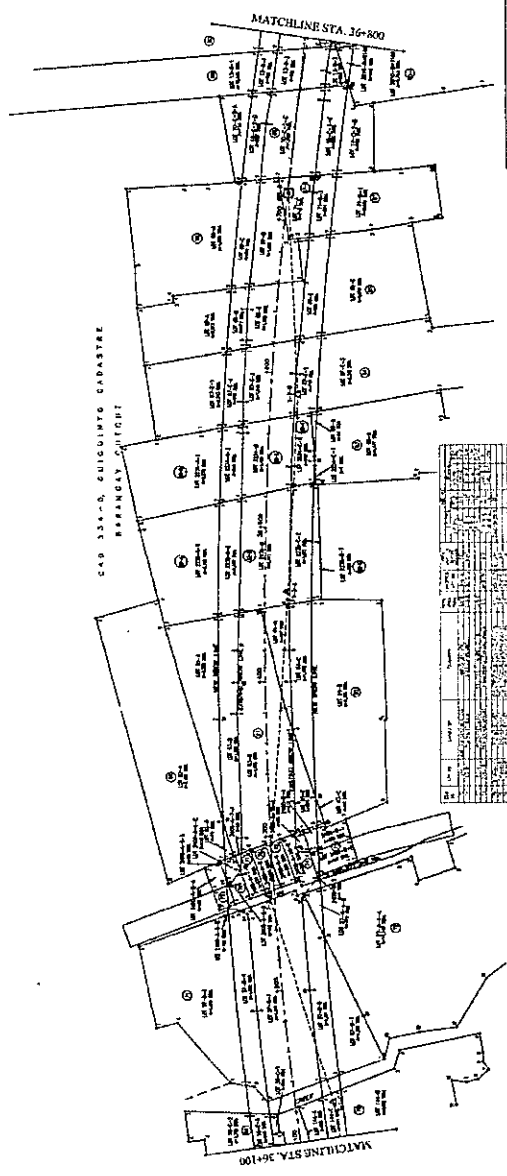
DETAIL SCALE 1/8"  
 1. THE DRAINAGE CURVE SHALL BE CONSTRUCTED TO THE STANDARD CROSS SECTION.  
 2. THE DRAINAGE CURVE SHALL BE CONSTRUCTED TO THE STANDARD CROSS SECTION.  
 3. THE DRAINAGE CURVE SHALL BE CONSTRUCTED TO THE STANDARD CROSS SECTION.

SUPER-ELEVATED SECTION - ULTIMATE STAGE

SCALE 1/8" = 1'-0"

	UNIVERSITY OF CALIFORNIA DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING 1000 UNIVERSITY AVENUE, DAVIS, CALIFORNIA 95616	PROJECT NO. 100-100-100-100 SHEET NO. 100-100-100-100	DATE: 10/10/10	DRAWN BY: [Signature] CHECKED BY: [Signature]	APPROVED BY: [Signature]	TYPICAL ROADWAY SECTIONS SUPER-ELEVATED SECTION - ULTIMATE STAGE	SHEET NO. 100-100-100-100 TOTAL SHEETS: 100-100-100-100
--	--	--	----------------	--	--------------------------	---	--





Parcel No.	Area (sq. m)	Owner	Remarks
1	1,234.56	...	...
2	2,345.67	...	...
3	3,456.78	...	...
4	4,567.89	...	...
5	5,678.90	...	...
6	6,789.01	...	...
7	7,890.12	...	...
8	8,901.23	...	...
9	9,012.34	...	...
10	10,123.45	...	...
11	11,234.56	...	...
12	12,345.67	...	...
13	13,456.78	...	...
14	14,567.89	...	...
15	15,678.90	...	...
16	16,789.01	...	...
17	17,890.12	...	...
18	18,901.23	...	...
19	19,012.34	...	...
20	20,123.45	...	...
21	21,234.56	...	...
22	22,345.67	...	...
23	23,456.78	...	...
24	24,567.89	...	...
25	25,678.90	...	...
26	26,789.01	...	...
27	27,890.12	...	...
28	28,901.23	...	...
29	29,012.34	...	...
30	30,123.45	...	...
31	31,234.56	...	...
32	32,345.67	...	...
33	33,456.78	...	...
34	34,567.89	...	...
35	35,678.90	...	...
36	36,789.01	...	...
37	37,890.12	...	...
38	38,901.23	...	...
39	39,012.34	...	...
40	40,123.45	...	...
41	41,234.56	...	...
42	42,345.67	...	...
43	43,456.78	...	...
44	44,567.89	...	...
45	45,678.90	...	...
46	46,789.01	...	...
47	47,890.12	...	...
48	48,901.23	...	...
49	49,012.34	...	...
50	50,123.45	...	...

THE STATE ENGINEER HAS REVIEWED THE ABOVE PARCEL MAP AND FINDS THAT THE SAME IS IN ACCORDANCE WITH THE REQUIREMENTS OF THE CADASTRAL ACT, AS AMENDED, AND THE REGULATIONS THEREUNDER. HE HEREBY CERTIFIES THAT THE SAME IS CORRECT AND COMPLETE AS SUBMITTED.

**PARCELARY PLAN**  
 WITH PROVISIONS  
 FOR THE REGISTRATION OF  
 PARCELS AND  
 FOR THE PURPOSES OF  
 THE CADASTRAL ACT,  
 AS AMENDED,  
 AND THE REGULATIONS  
 THEREUNDER.

**NO. 334-C**

**SUQUINTO CADASTRE**  
 BERANGAY CHEROT

**SCALE: 1:500**

**DATE: 1988**

**ENGINEER: [Signature]**

**REGISTERED ENGINEER**

**PROFESSIONAL REG. NO. 12345**

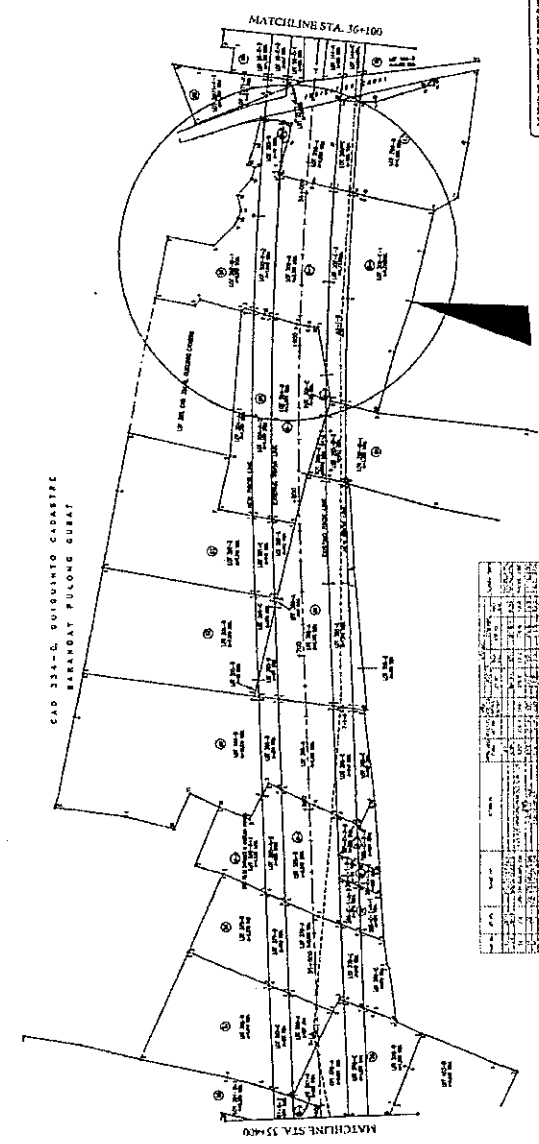
**OFFICE: [Address]**

**PH: [Phone Number]**

**MAP NO. 1234**

**PROJECT NO. 5678**

**SECTION: 08**



Parcel No.	Area (sq. m)	Owner	Remarks
1	1,234.56	...	...
2	2,345.67	...	...
3	3,456.78	...	...
4	4,567.89	...	...
5	5,678.90	...	...
6	6,789.01	...	...
7	7,890.12	...	...
8	8,901.23	...	...
9	9,012.34	...	...
10	10,123.45	...	...
11	11,234.56	...	...
12	12,345.67	...	...
13	13,456.78	...	...
14	14,567.89	...	...
15	15,678.90	...	...
16	16,789.01	...	...
17	17,890.12	...	...
18	18,901.23	...	...
19	19,012.34	...	...
20	20,123.45	...	...
21	21,234.56	...	...
22	22,345.67	...	...
23	23,456.78	...	...
24	24,567.89	...	...
25	25,678.90	...	...
26	26,789.01	...	...
27	27,890.12	...	...
28	28,901.23	...	...
29	29,012.34	...	...
30	30,123.45	...	...
31	31,234.56	...	...
32	32,345.67	...	...
33	33,456.78	...	...
34	34,567.89	...	...
35	35,678.90	...	...
36	36,789.01	...	...
37	37,890.12	...	...
38	38,901.23	...	...
39	39,012.34	...	...
40	40,123.45	...	...
41	41,234.56	...	...
42	42,345.67	...	...
43	43,456.78	...	...
44	44,567.89	...	...
45	45,678.90	...	...
46	46,789.01	...	...
47	47,890.12	...	...
48	48,901.23	...	...
49	49,012.34	...	...
50	50,123.45	...	...

THE STATE ENGINEER HAS REVIEWED THE ABOVE PARCEL MAP AND FINDS THAT THE SAME IS IN ACCORDANCE WITH THE REQUIREMENTS OF THE CADASTRAL ACT, AS AMENDED, AND THE REGULATIONS THEREUNDER. HE HEREBY CERTIFIES THAT THE SAME IS CORRECT AND COMPLETE AS SUBMITTED.

**PARCELARY PLAN**  
 WITH PROVISIONS  
 FOR THE REGISTRATION OF  
 PARCELS AND  
 FOR THE PURPOSES OF  
 THE CADASTRAL ACT,  
 AS AMENDED,  
 AND THE REGULATIONS  
 THEREUNDER.

**NO. 334-C**

**SUQUINTO CADASTRE**  
 BERANGAY PULONG GUBAT

**SCALE: 1:500**

**DATE: 1988**

**ENGINEER: [Signature]**

**REGISTERED ENGINEER**

**PROFESSIONAL REG. NO. 12345**

**OFFICE: [Address]**

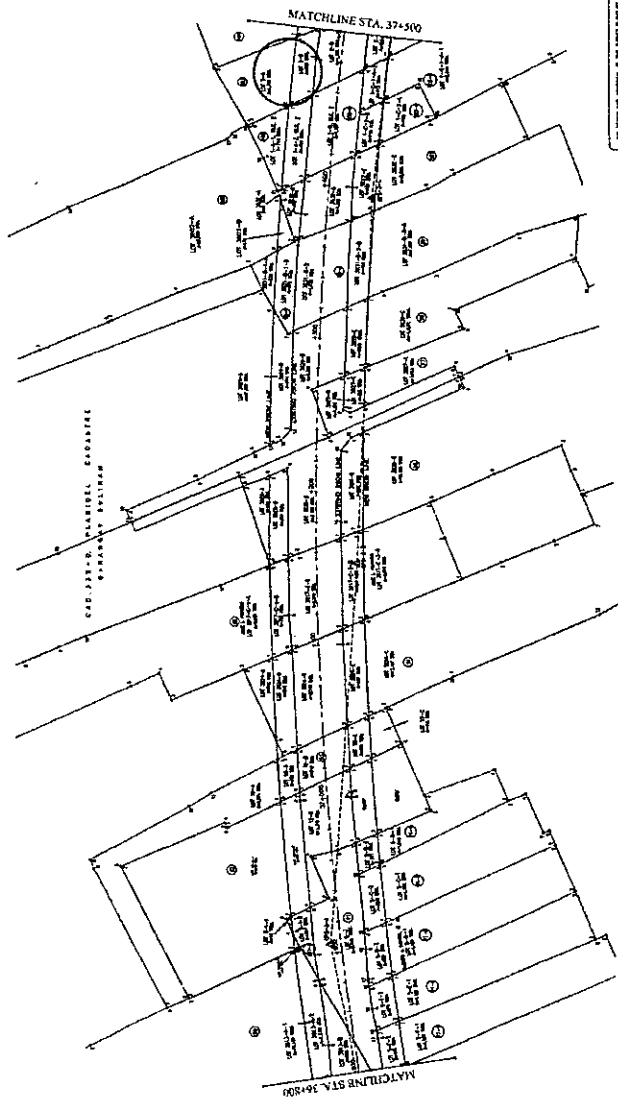
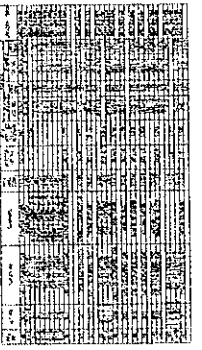
**PH: [Phone Number]**

**MAP NO. 1234**

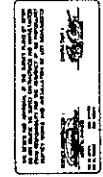
**PROJECT NO. 5678**

**SECTION: 08**

COMMUNAL INVENTORY				PROPERTY TAXES				GENERAL NOTES				MATERIALS				ASPHALT & CONCRETE				PAVING				SPECIAL				TOTAL												
NO.	AREA	DESCRIPTION	AMOUNT	NO.	AREA	DESCRIPTION	AMOUNT	NO.	DESCRIPTION	AMOUNT	NO.	DESCRIPTION	AMOUNT	NO.	DESCRIPTION	AMOUNT	NO.	DESCRIPTION	AMOUNT	NO.	DESCRIPTION	AMOUNT	NO.	DESCRIPTION	AMOUNT	NO.	DESCRIPTION	AMOUNT												
1	...	...	...	1	...	...	...	1	...	...	1	...	...	1	...	...	1	...	...	1	...	...	1	...	...	1	...	...	1	...	...	1	...	...	1	...	...	1	...	...

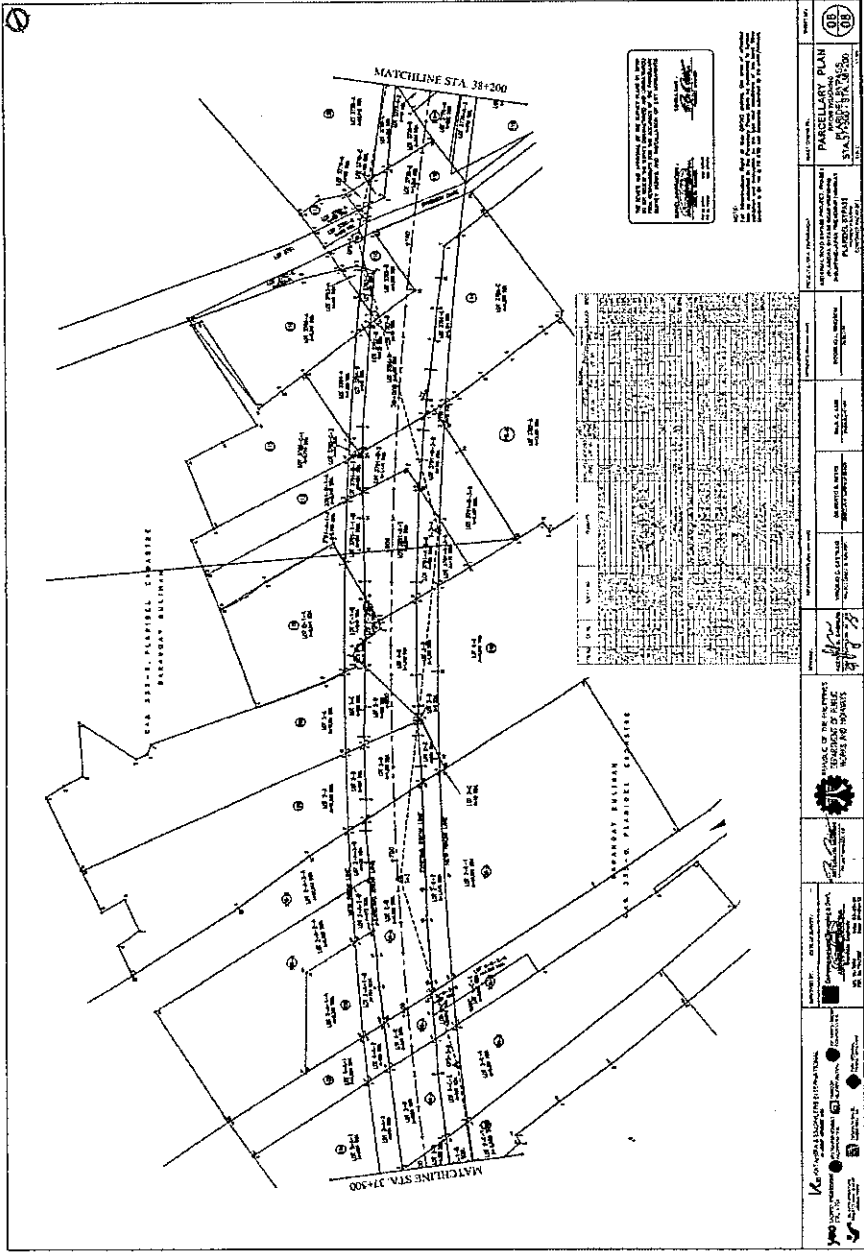
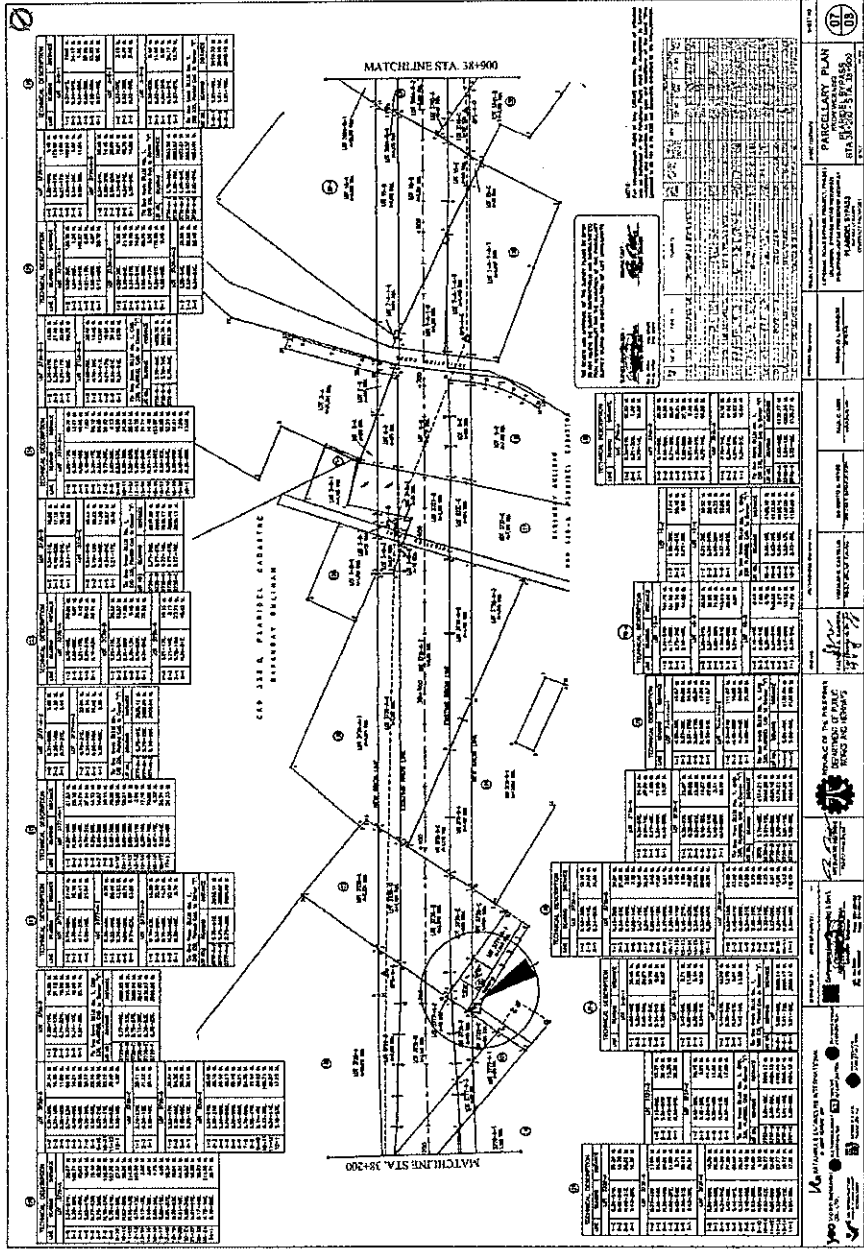


**PARCELLARY PLAN**  
 PLAN OF PARCELS  
 OF THE COMMUNITY OF...  
 (Official seals and stamps of the project authority and surveyors are present here.)



THESE DOCUMENTS ARE THE PROPERTY OF THE PROJECT AUTHORITY AND ARE TO BE KEPT IN A SAFE PLACE.

**PARCELLARY PLAN**  
 PLAN OF PARCELS  
 OF THE COMMUNITY OF...  
 (Official seals and stamps of the project authority and surveyors are present here.)





Parcelary plan showing various lots with numerical identifiers and detailed tables of area, volume, and other properties.

PARCELLARY PLAN  
STATIONING: STA. 38+900 TO STA. 39+000

APPROVED BY: [Signature]

DATE: [Date]

SCALE: [Scale]

PROJECT: [Project Name]

OWNER: [Owner Name]

PREPARED BY: [Prepared By Name]

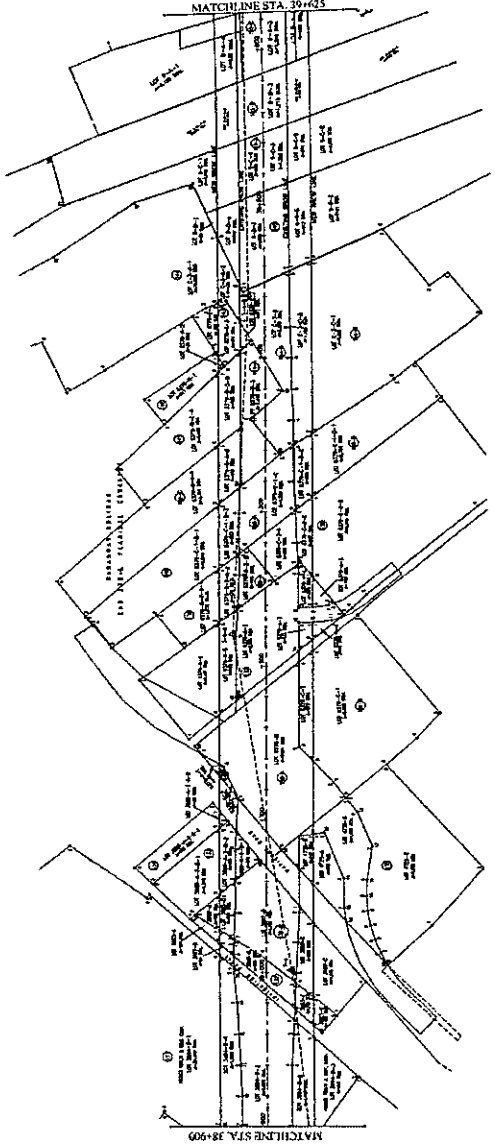
CHECKED BY: [Checked By Name]

DATE OF FIELD SURVEY: [Date]

PROJECT NO: [Project No]

BLANKET: [Blanket Name]

REVISIONS: [Revisions]



PARCELLARY PLAN  
STATIONING: STA. 38+900 TO STA. 39+000

APPROVED BY: [Signature]

DATE: [Date]

SCALE: [Scale]

PROJECT: [Project Name]

OWNER: [Owner Name]

PREPARED BY: [Prepared By Name]

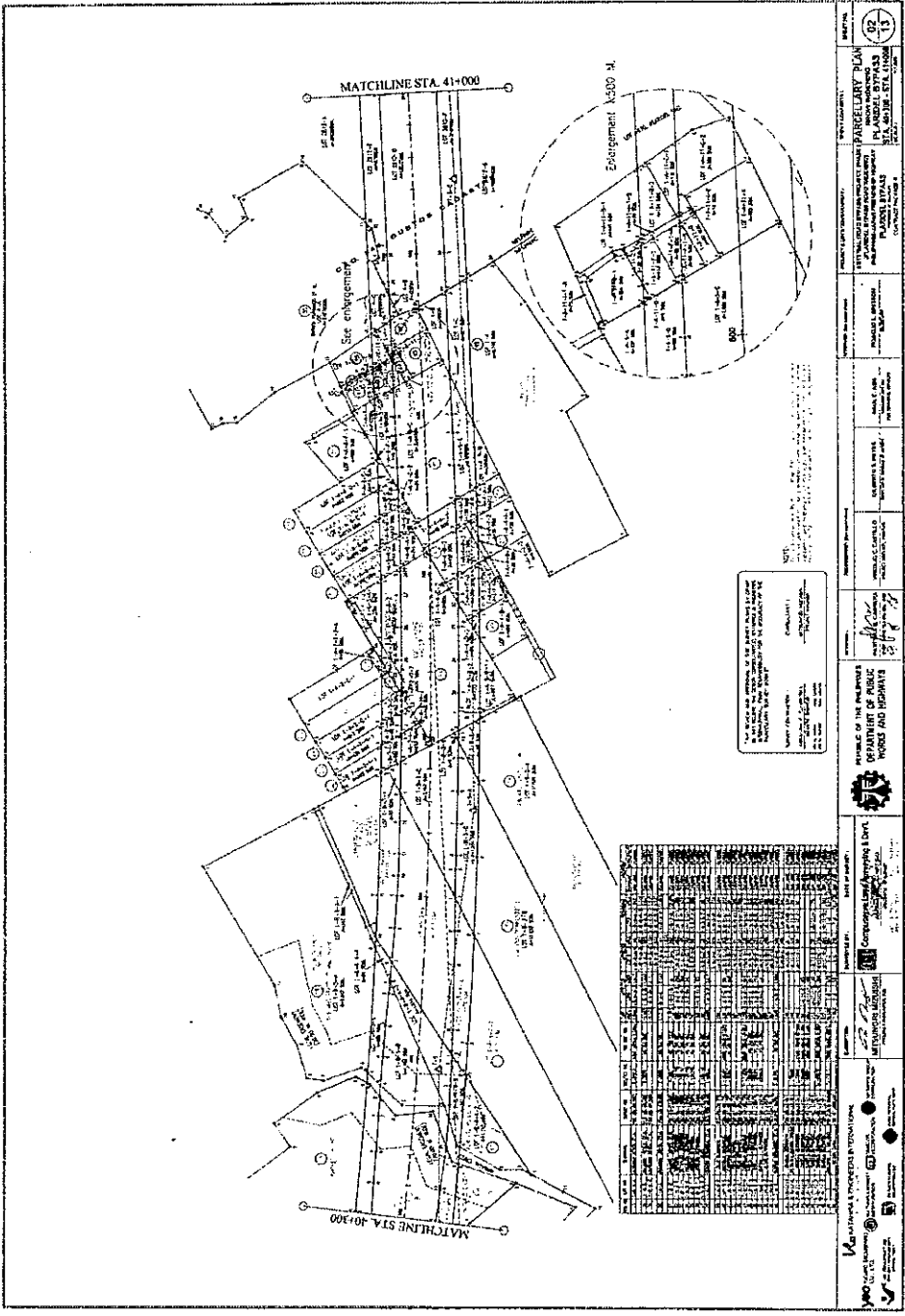
CHECKED BY: [Checked By Name]

DATE OF FIELD SURVEY: [Date]

PROJECT NO: [Project No]

BLANKET: [Blanket Name]

REVISIONS: [Revisions]



**REPUBLIC OF THE PHILIPPINES**  
**DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS**

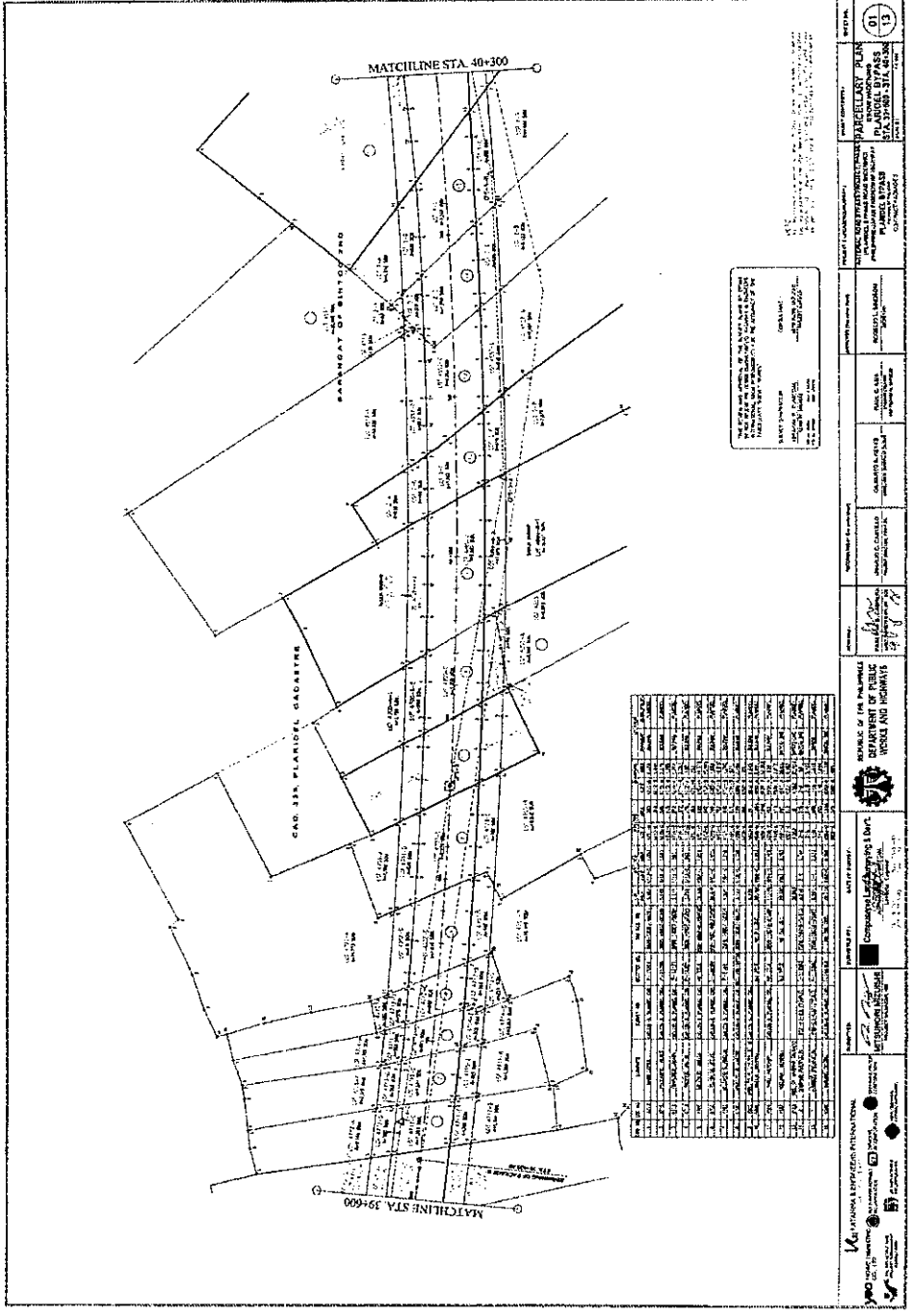
**PROJECT INFORMATION:**  
 PROJECT NAME: **PARABELARY PLAN**  
 PROJECT LOCATION: **PARABELARY BYPASS**  
 PROJECT NO.: **11**

**DESIGNER:** *[Signature]*  
**CHECKED BY:** *[Signature]*  
**DATE:** *[Date]*

**APPROVED BY:** *[Signature]*  
**DATE:** *[Date]*

**SCALE:** 1" = 100'

**NOTES:**  
 1. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED.  
 2. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE SPECIFIED.  
 3. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED.  
 4. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE SPECIFIED.  
 5. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED.



**REPUBLIC OF THE PHILIPPINES**  
**DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS**

**PROJECT INFORMATION:**  
 PROJECT NAME: **PARABELARY PLAN**  
 PROJECT LOCATION: **PARABELARY BYPASS**  
 PROJECT NO.: **11**

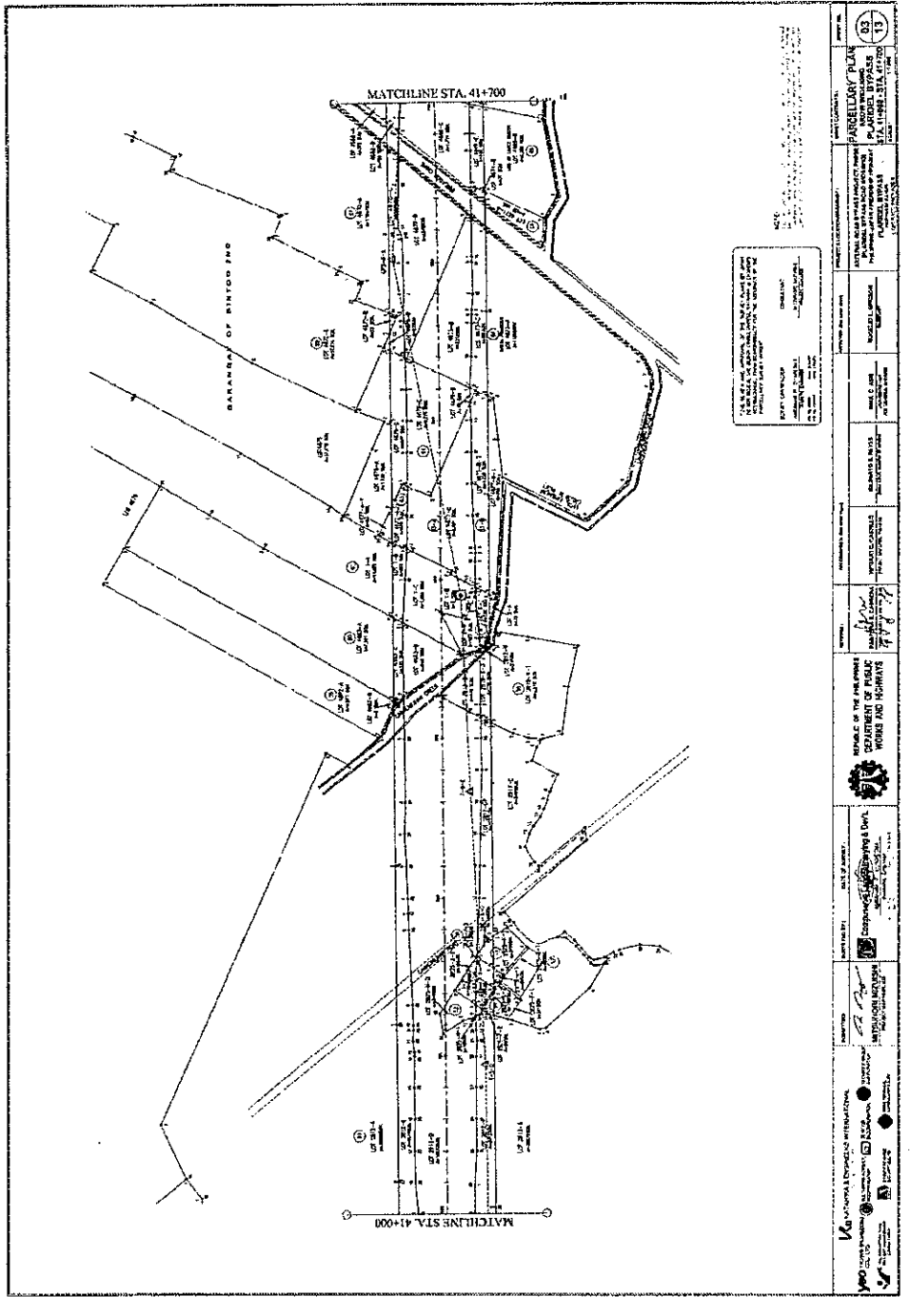
**DESIGNER:** *[Signature]*  
**CHECKED BY:** *[Signature]*  
**DATE:** *[Date]*

**APPROVED BY:** *[Signature]*  
**DATE:** *[Date]*

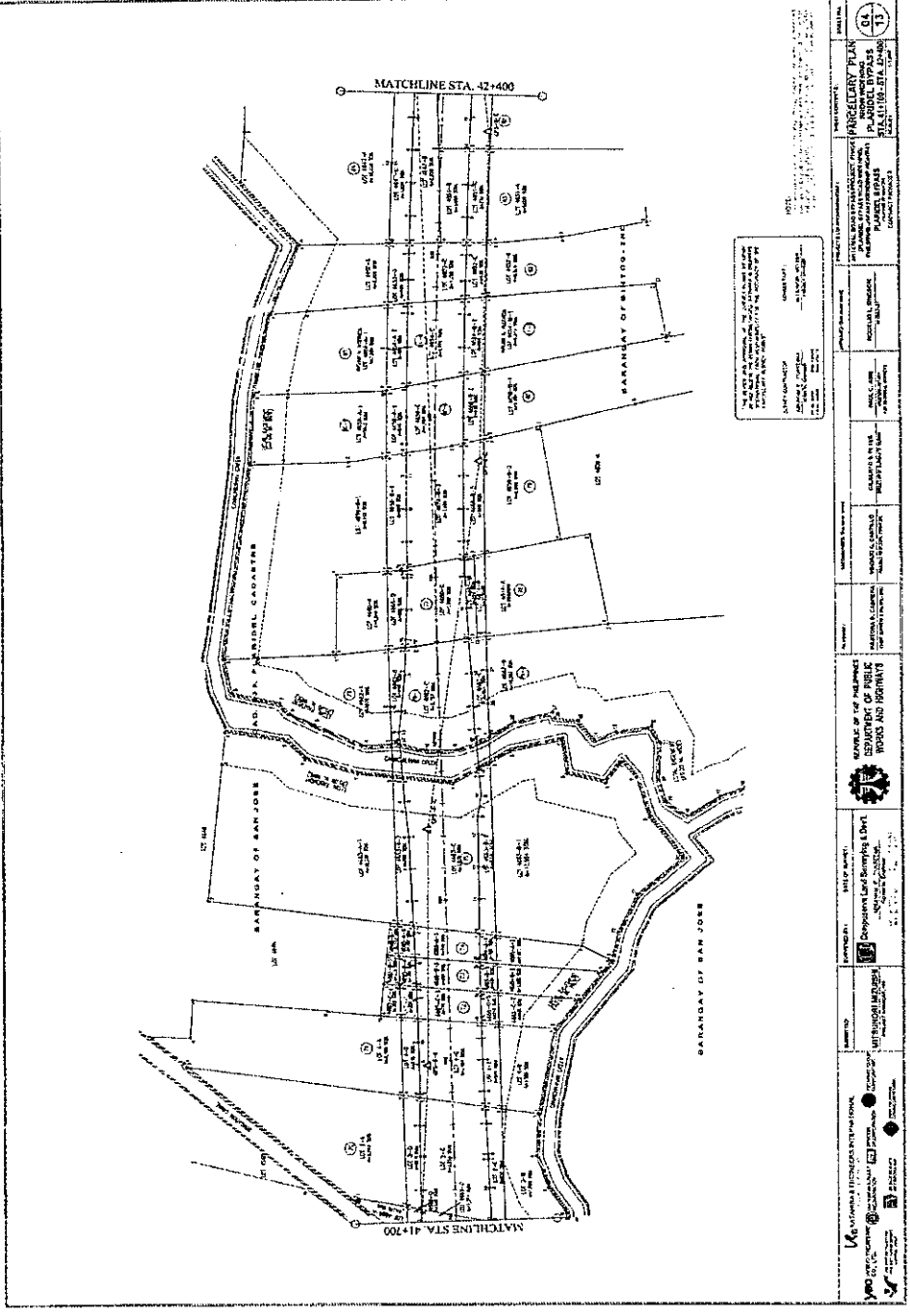
**SCALE:** 1" = 100'

**NOTES:**  
 1. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SPECIFIED.  
 2. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE SPECIFIED.  
 3. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED.  
 4. ALL DIMENSIONS ARE TO CENTERLINE UNLESS OTHERWISE SPECIFIED.  
 5. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED.

REPUBLIC OF THE PHILIPPINES LAND USE AND HOUSING		PROJECT: <b>PARCEL PLAN FLANDEL BAYAS</b> MUNICIPALITY OF BAYAS, PROVINCE OF SORSOGON	
NO.	OWNER	AREA (SQ. METERS)	REMARKS
1	...	...	...
2	...	...	...
3	...	...	...
4	...	...	...
5	...	...	...
6	...	...	...
7	...	...	...
8	...	...	...
9	...	...	...
10	...	...	...
11	...	...	...
12	...	...	...
13	...	...	...
14	...	...	...
15	...	...	...
16	...	...	...
17	...	...	...
18	...	...	...
19	...	...	...
20	...	...	...
21	...	...	...
22	...	...	...
23	...	...	...
24	...	...	...
25	...	...	...
26	...	...	...
27	...	...	...
28	...	...	...
29	...	...	...
30	...	...	...
31	...	...	...
32	...	...	...
33	...	...	...
34	...	...	...
35	...	...	...
36	...	...	...
37	...	...	...
38	...	...	...
39	...	...	...
40	...	...	...
41	...	...	...
42	...	...	...
43	...	...	...
44	...	...	...
45	...	...	...
46	...	...	...
47	...	...	...
48	...	...	...
49	...	...	...
50	...	...	...
51	...	...	...
52	...	...	...
53	...	...	...
54	...	...	...
55	...	...	...
56	...	...	...
57	...	...	...
58	...	...	...
59	...	...	...
60	...	...	...
61	...	...	...
62	...	...	...
63	...	...	...
64	...	...	...
65	...	...	...
66	...	...	...
67	...	...	...
68	...	...	...
69	...	...	...
70	...	...	...
71	...	...	...
72	...	...	...
73	...	...	...
74	...	...	...
75	...	...	...
76	...	...	...
77	...	...	...
78	...	...	...
79	...	...	...
80	...	...	...
81	...	...	...
82	...	...	...
83	...	...	...
84	...	...	...
85	...	...	...
86	...	...	...
87	...	...	...
88	...	...	...
89	...	...	...
90	...	...	...
91	...	...	...
92	...	...	...
93	...	...	...
94	...	...	...
95	...	...	...
96	...	...	...
97	...	...	...
98	...	...	...
99	...	...	...
100	...	...	...



SECTION	STATION	AREA (SQ. FT.)	AREA (SQ. YD.)	PERCENTAGE	REMARKS
1	1+00	1000	115	11.5%	...
2	2+00	2000	230	23.0%	...
3	3+00	3000	345	34.5%	...
4	4+00	4000	460	46.0%	...
5	5+00	5000	575	57.5%	...
6	6+00	6000	690	69.0%	...
7	7+00	7000	805	80.5%	...
8	8+00	8000	920	92.0%	...
9	9+00	9000	1035	103.5%	...
10	10+00	10000	1150	115.0%	...
11	11+00	11000	1265	126.5%	...
12	12+00	12000	1380	138.0%	...
13	13+00	13000	1495	149.5%	...
14	14+00	14000	1610	161.0%	...
15	15+00	15000	1725	172.5%	...
16	16+00	16000	1840	184.0%	...
17	17+00	17000	1955	195.5%	...
18	18+00	18000	2070	207.0%	...
19	19+00	19000	2185	218.5%	...
20	20+00	20000	2300	230.0%	...
21	21+00	21000	2415	241.5%	...
22	22+00	22000	2530	253.0%	...
23	23+00	23000	2645	264.5%	...
24	24+00	24000	2760	276.0%	...
25	25+00	25000	2875	287.5%	...
26	26+00	26000	2990	299.0%	...
27	27+00	27000	3105	310.5%	...
28	28+00	28000	3220	322.0%	...
29	29+00	29000	3335	333.5%	...
30	30+00	30000	3450	345.0%	...
31	31+00	31000	3565	356.5%	...
32	32+00	32000	3680	368.0%	...
33	33+00	33000	3795	379.5%	...
34	34+00	34000	3910	391.0%	...
35	35+00	35000	4025	402.5%	...
36	36+00	36000	4140	414.0%	...
37	37+00	37000	4255	425.5%	...
38	38+00	38000	4370	437.0%	...
39	39+00	39000	4485	448.5%	...
40	40+00	40000	4600	460.0%	...
41	41+00	41000	4715	471.5%	...
42	42+00	42000	4830	483.0%	...
43	43+00	43000	4945	494.5%	...
44	44+00	44000	5060	506.0%	...
45	45+00	45000	5175	517.5%	...
46	46+00	46000	5290	529.0%	...
47	47+00	47000	5405	540.5%	...
48	48+00	48000	5520	552.0%	...
49	49+00	49000	5635	563.5%	...
50	50+00	50000	5750	575.0%	...



**REVISIONS**

NO.	DATE	DESCRIPTION
1	...	...
2	...	...

**APPROVED**

PROJECT ENGINEER: [Signature]

CHECKED: [Signature]

DRAWN: [Signature]

DATE: [Date]

**PROJECT INFORMATION**

PROJECT NO.: [Number]

CLIENT: [Name]

LOCATION: [Address]

**LEGEND**

- Proposed Road
- Proposed Sidewalk
- Proposed Utility
- Proposed Drainage
- Proposed Landscaping

**NOTES**

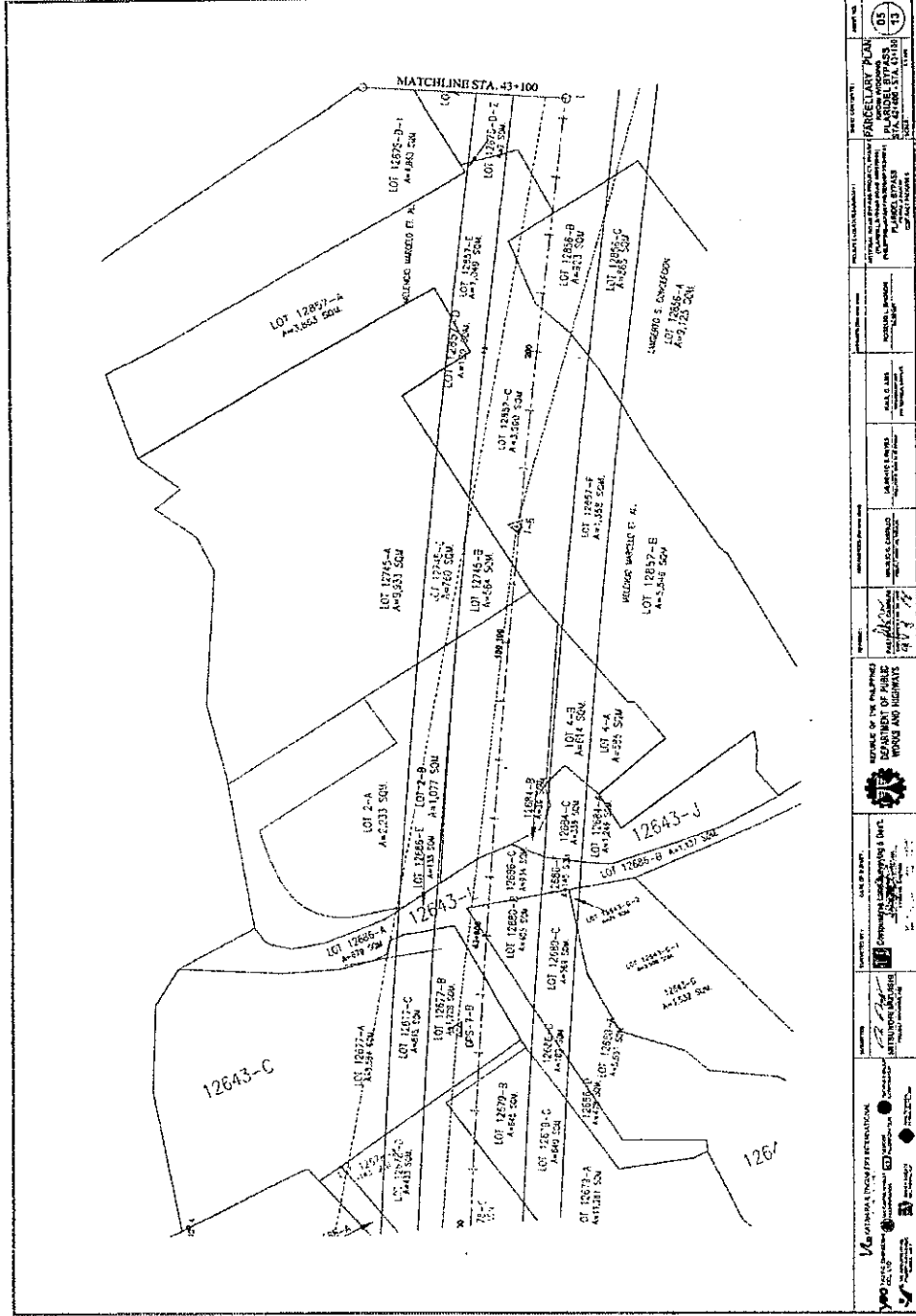
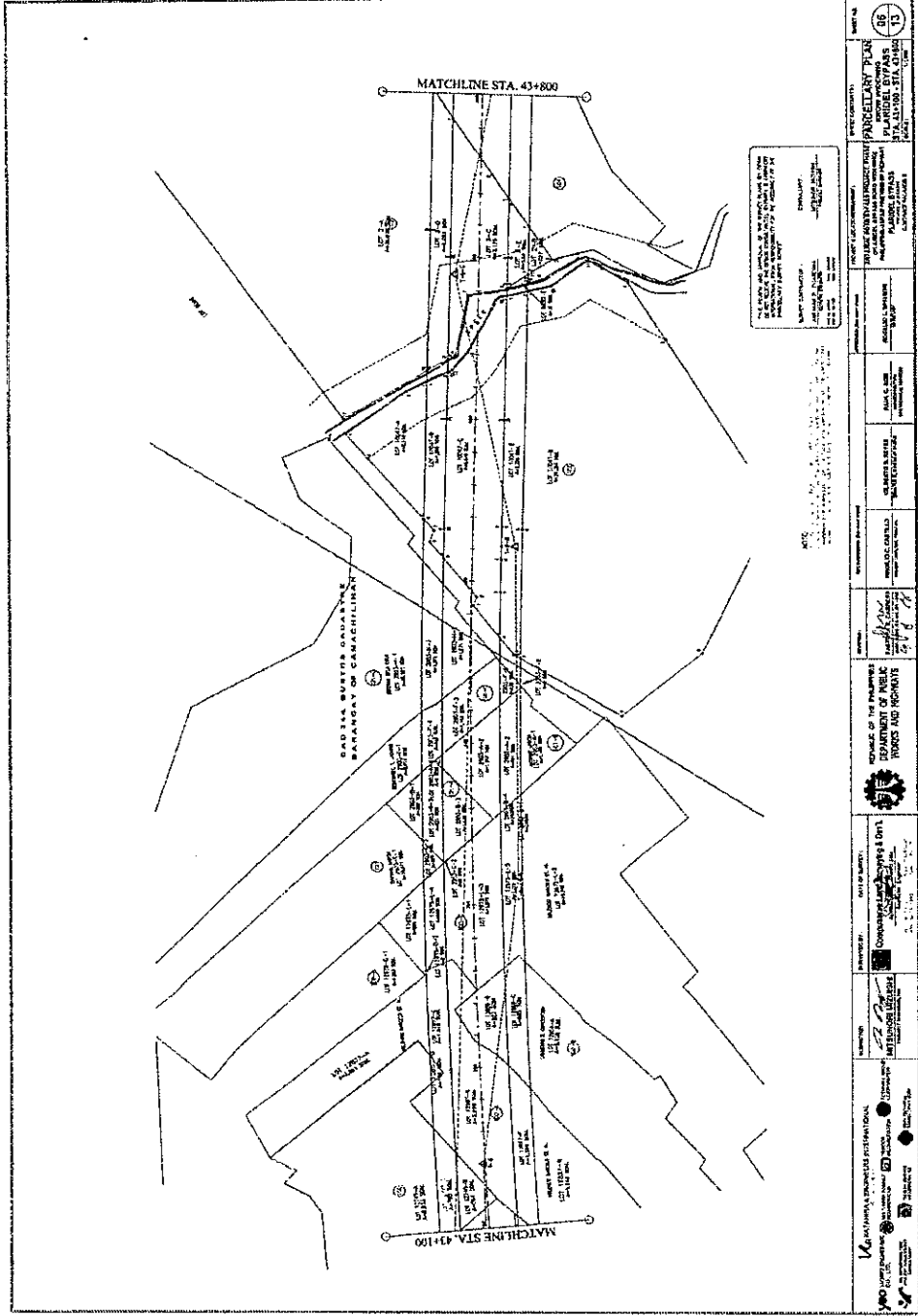
- ...
- ...
- ...

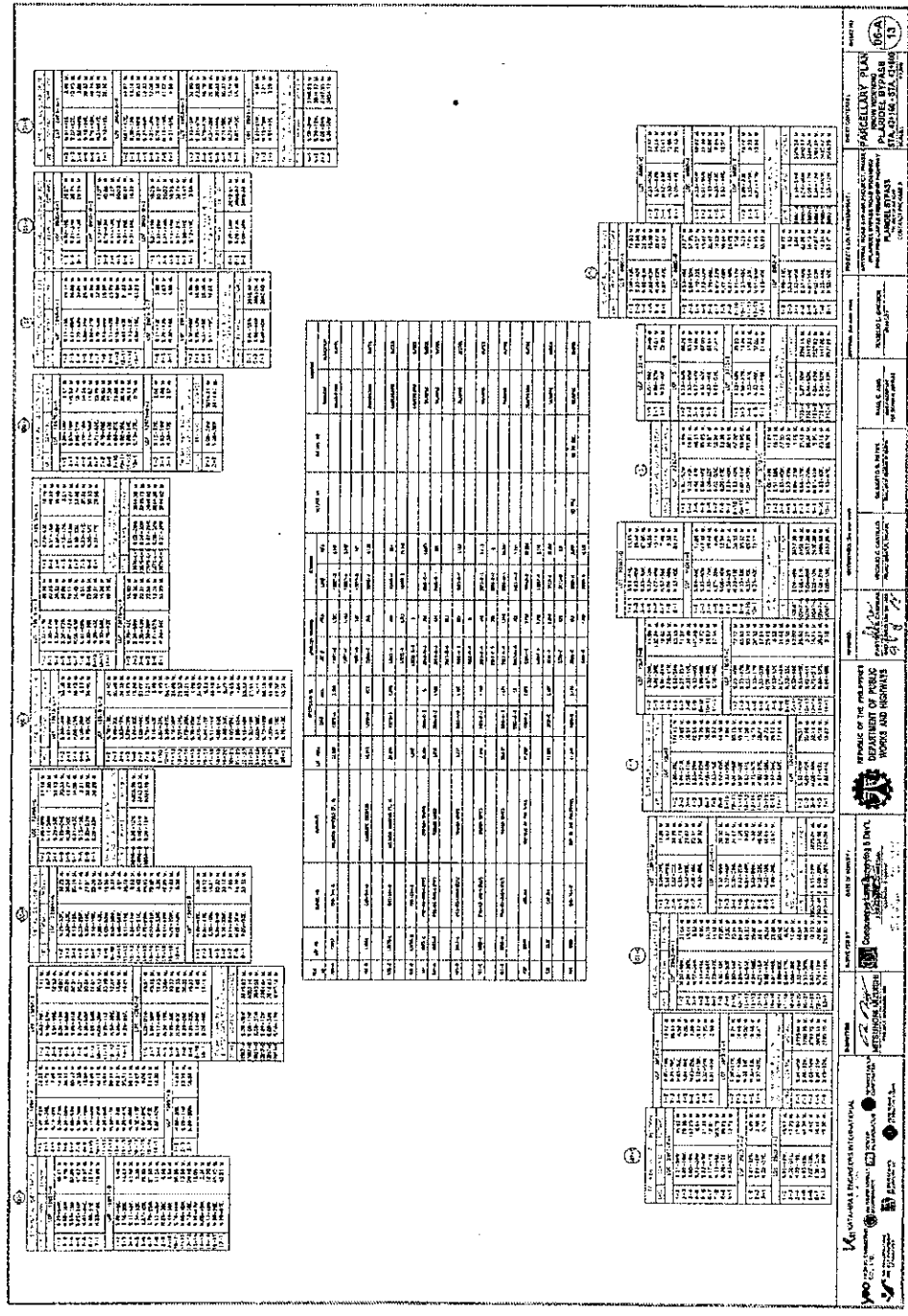
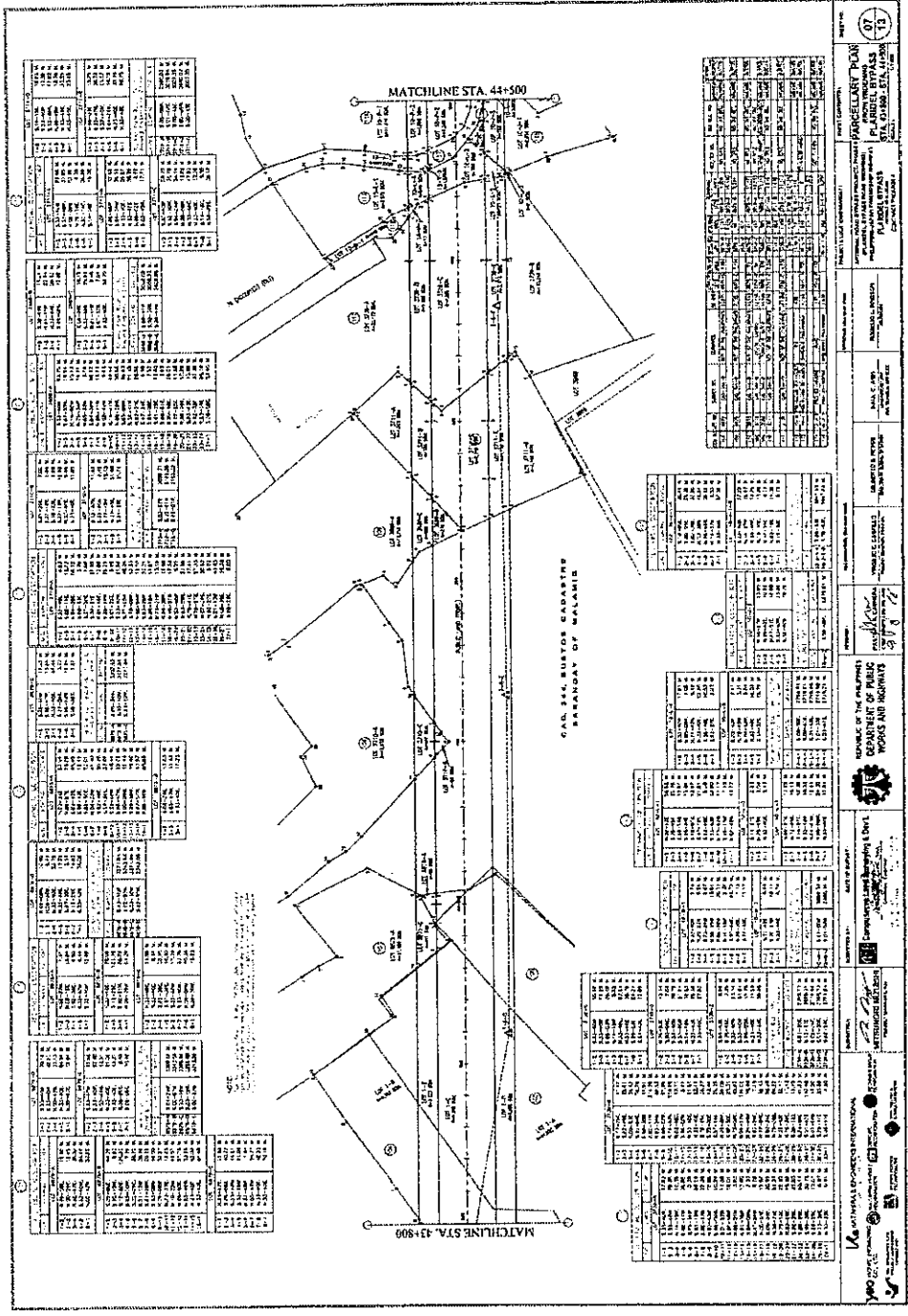
**SCALE**

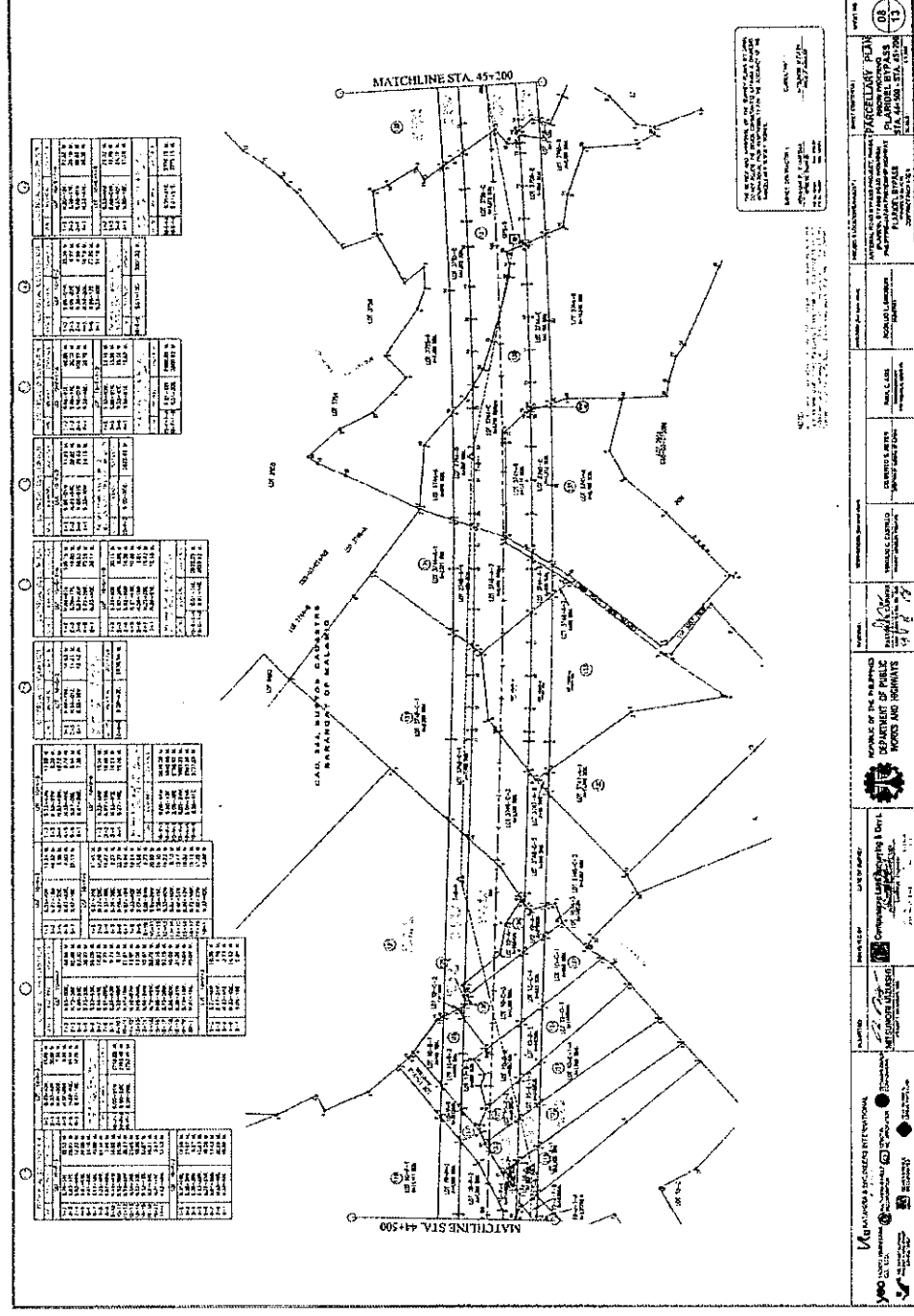
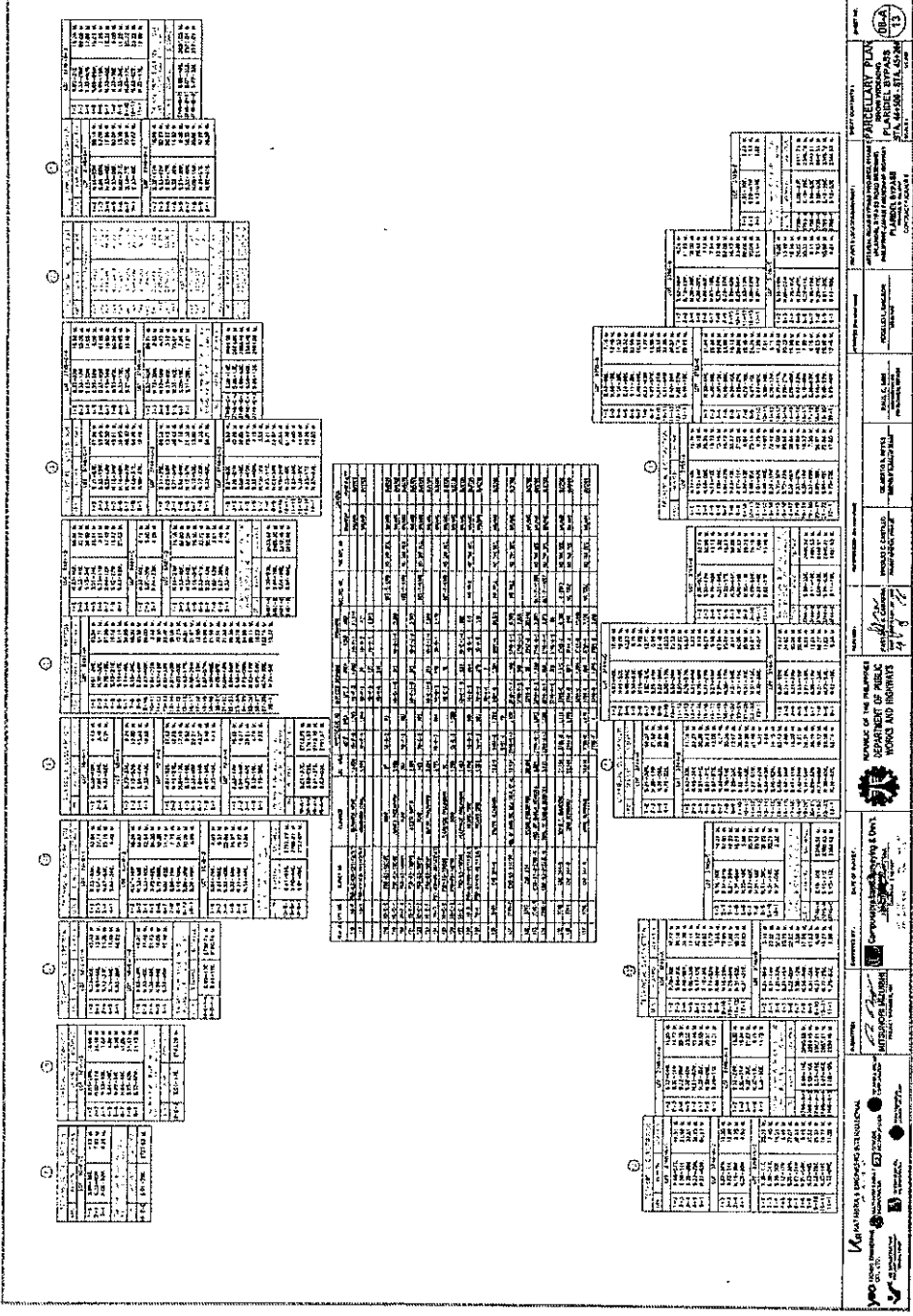
1" = 40'

**DATE**

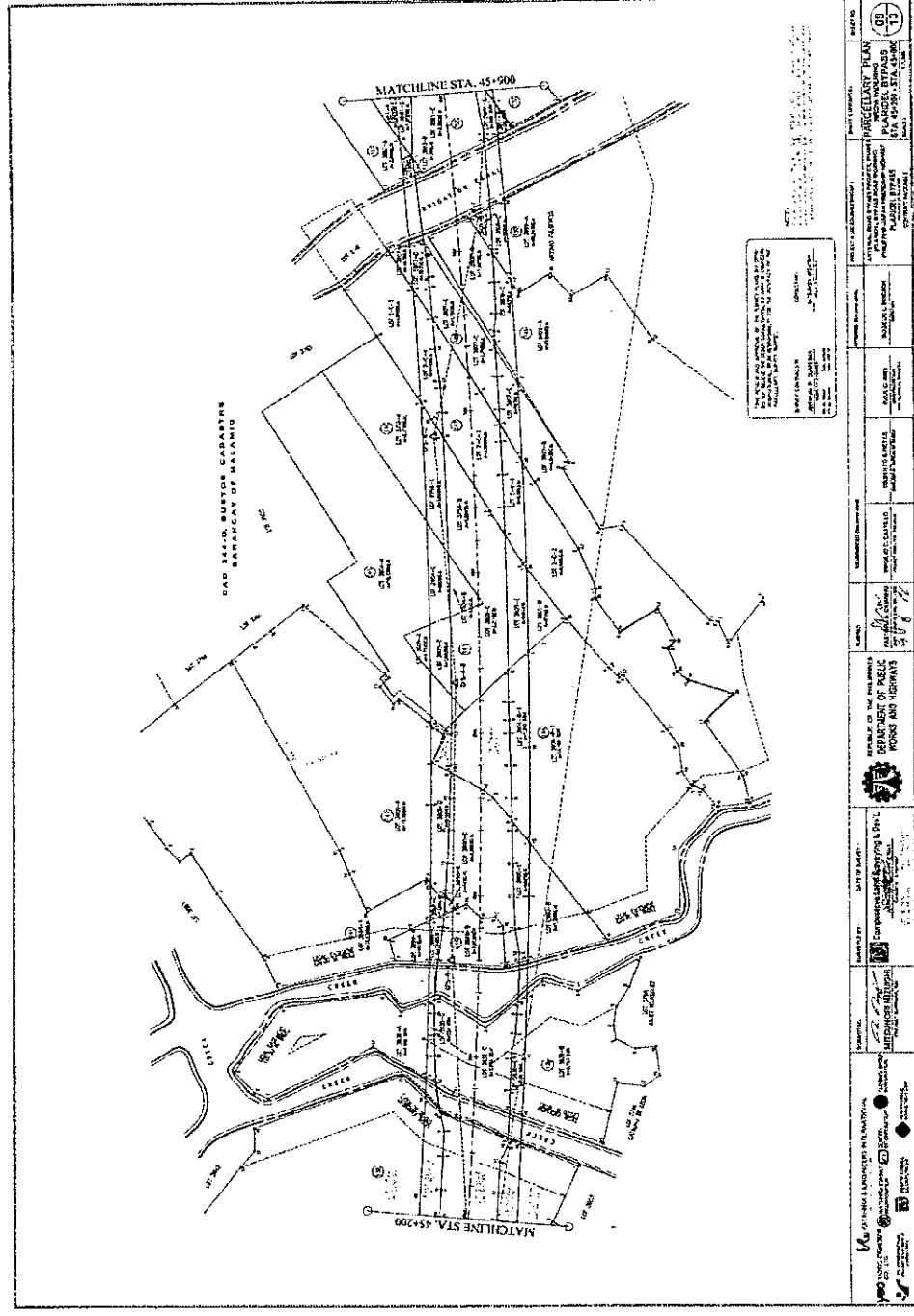
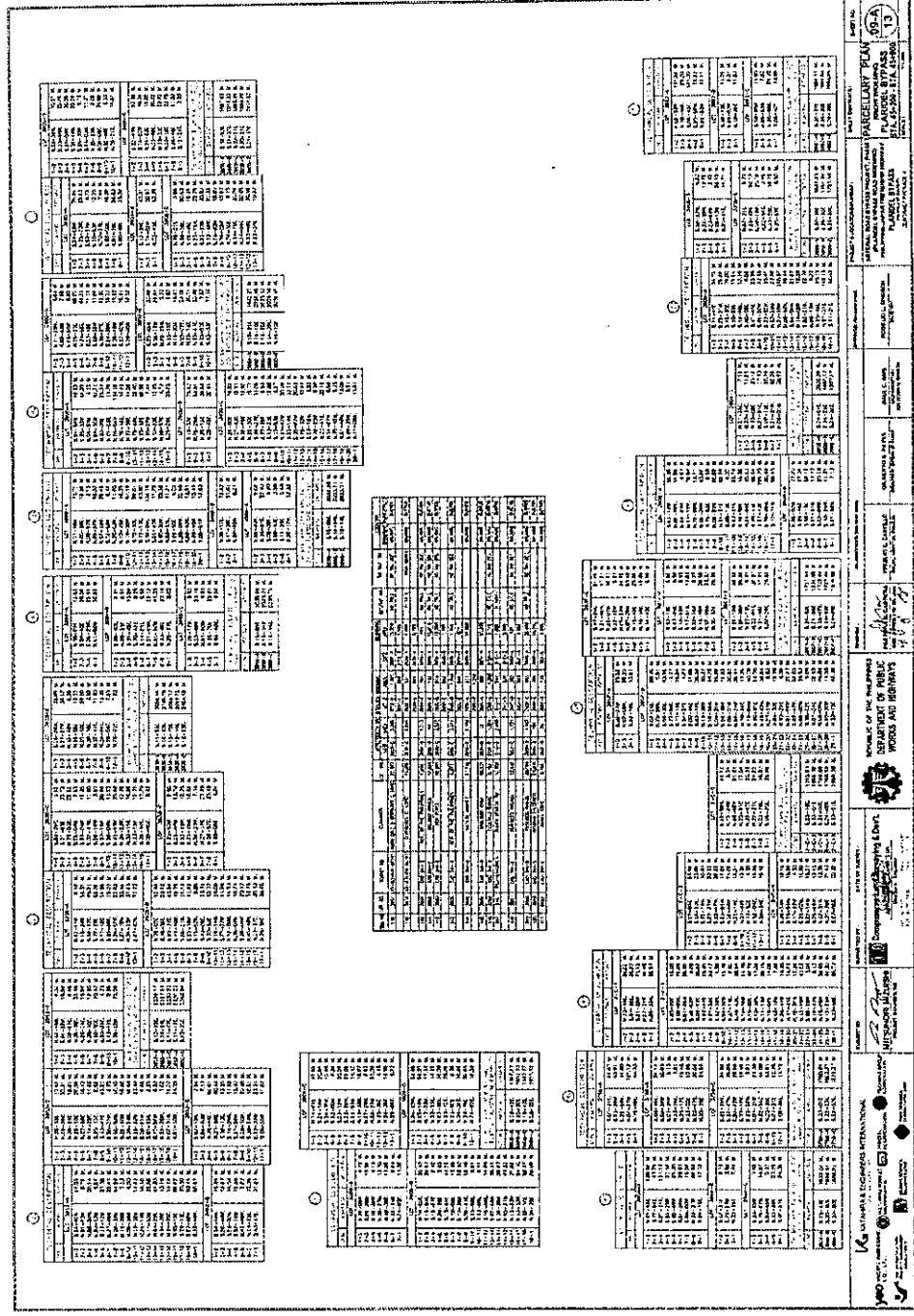
...



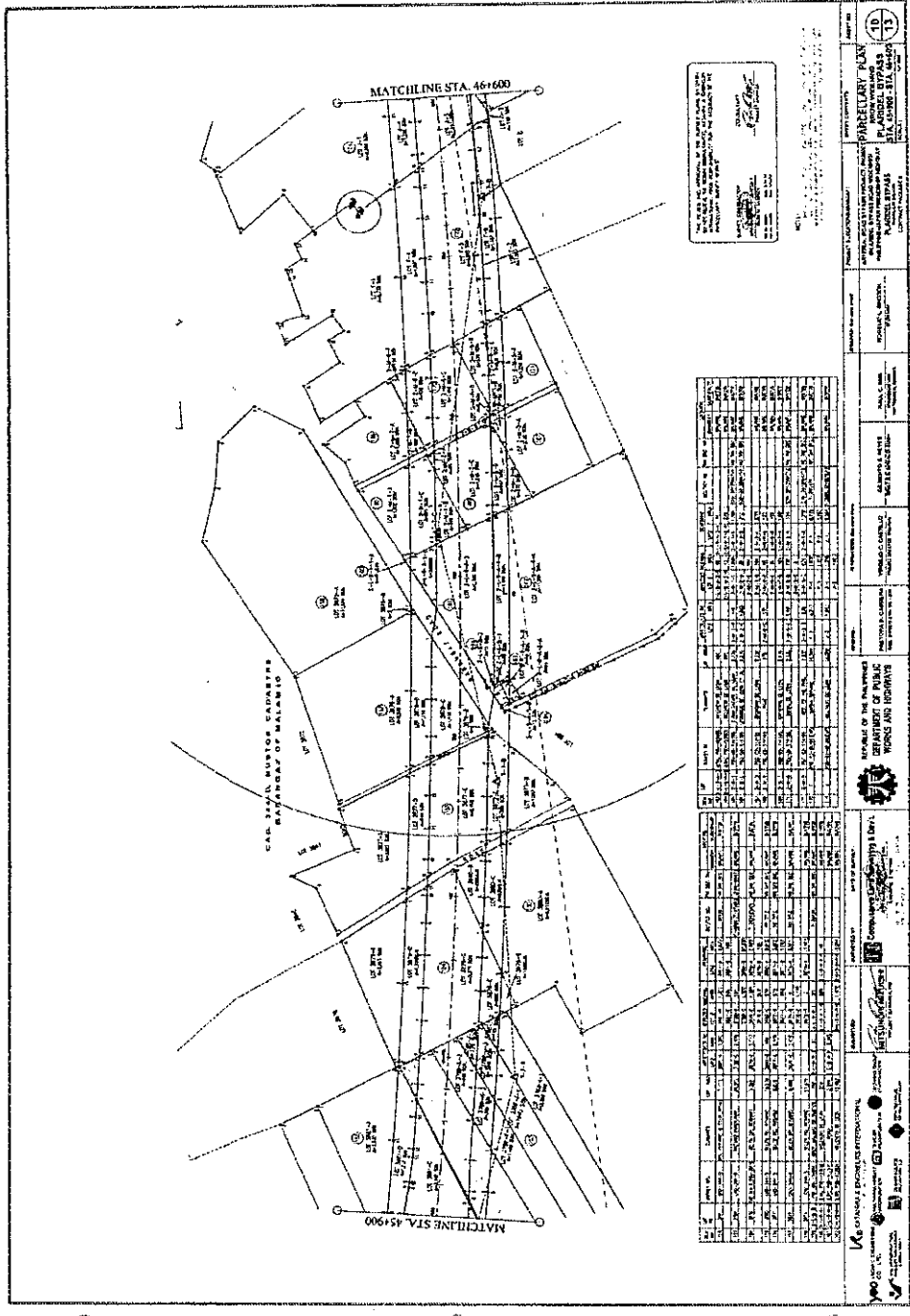
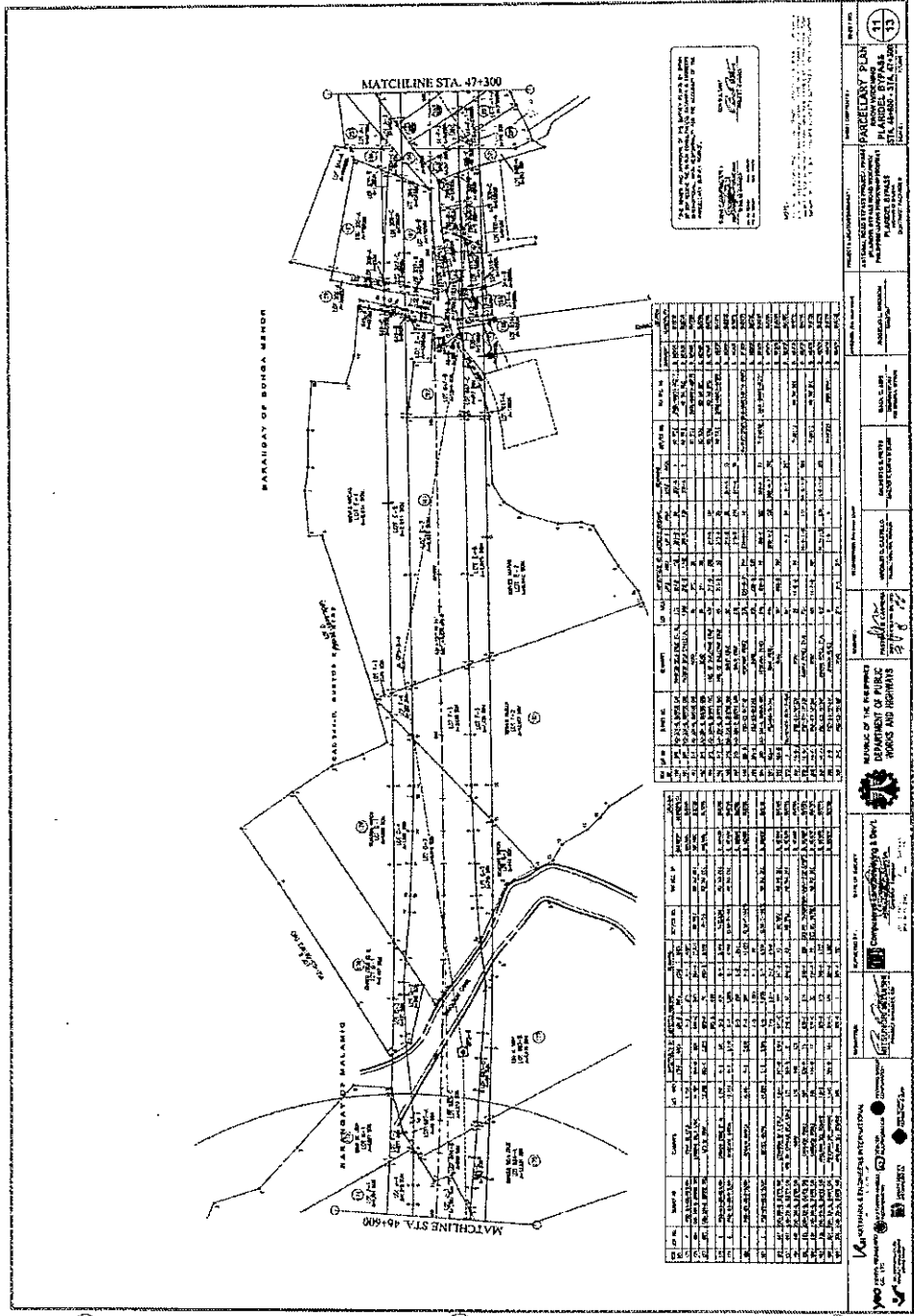












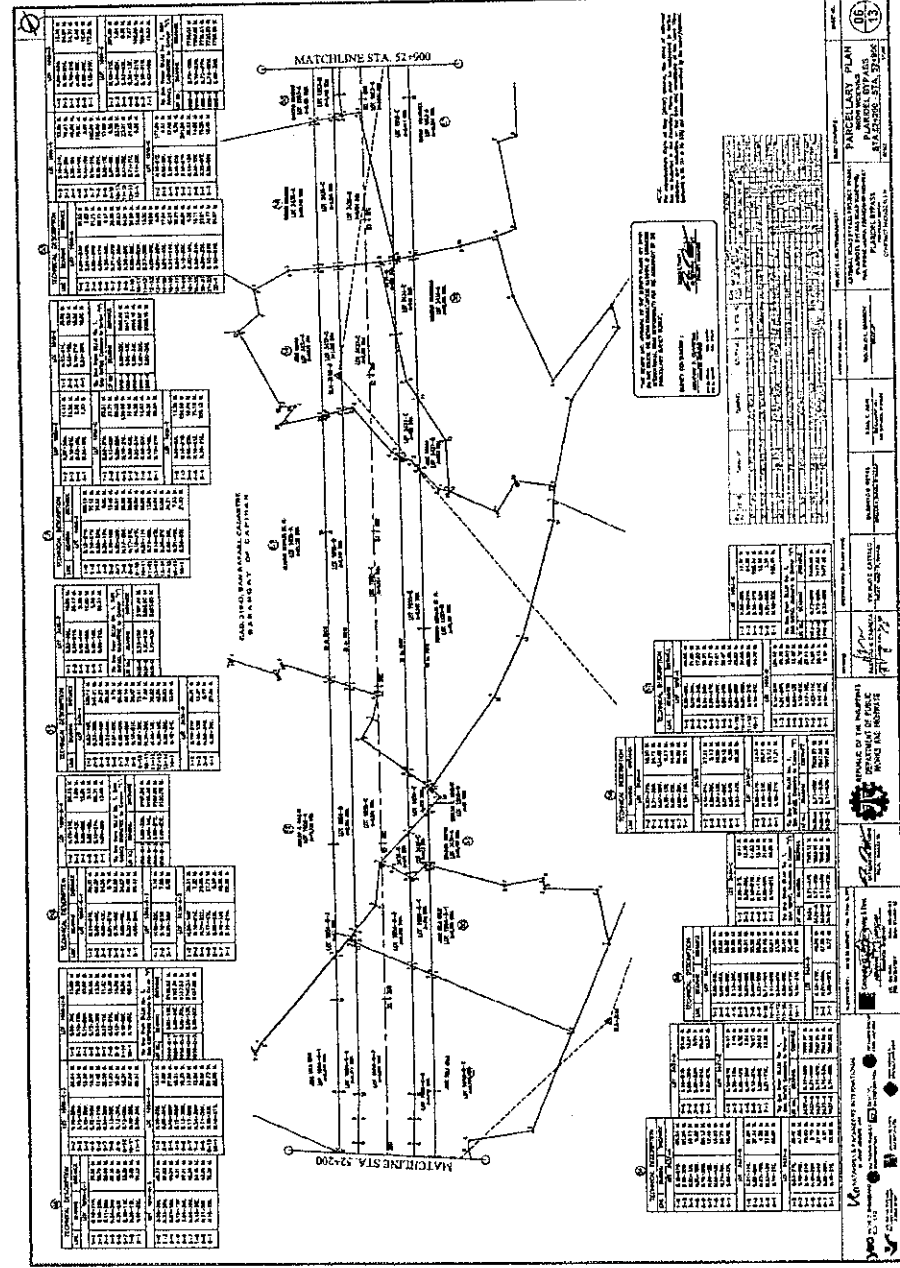
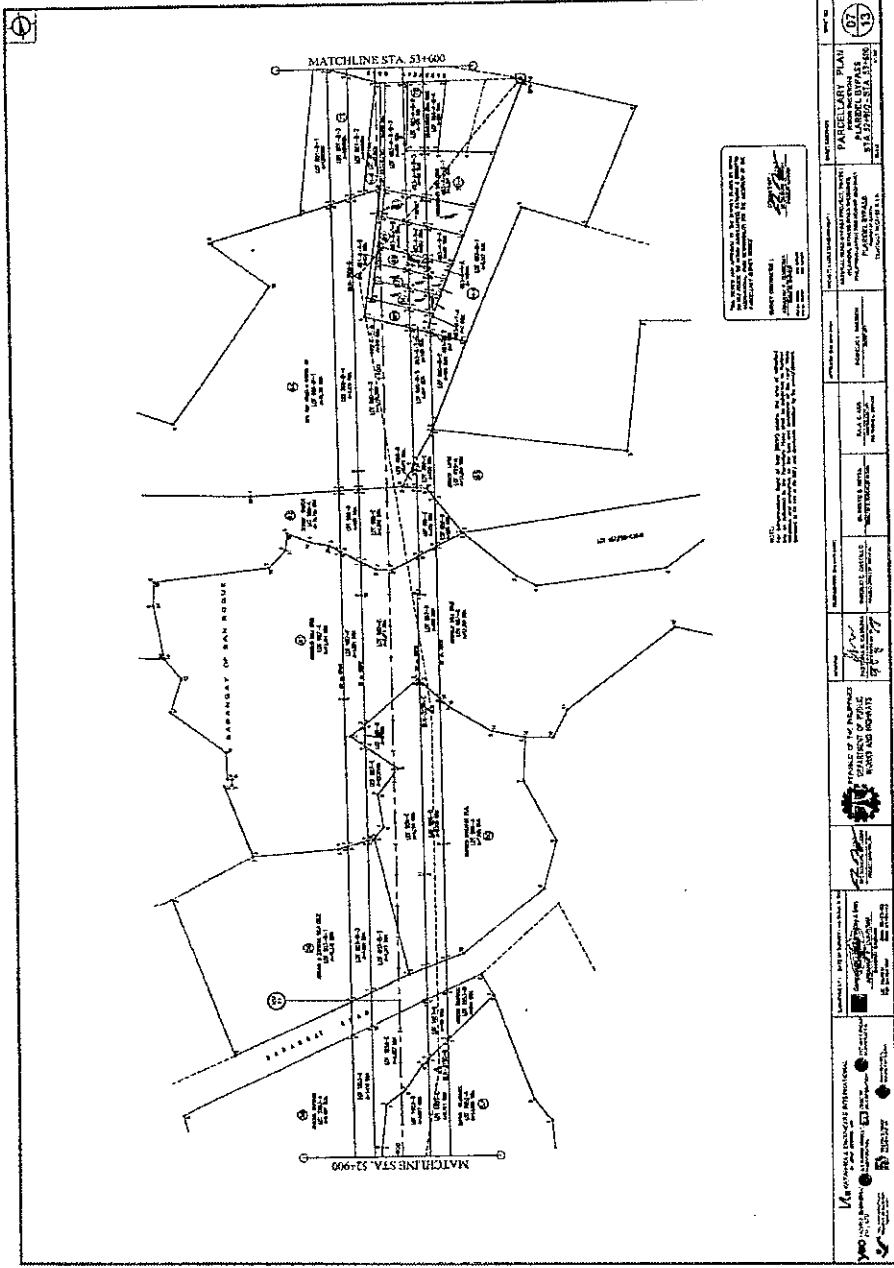




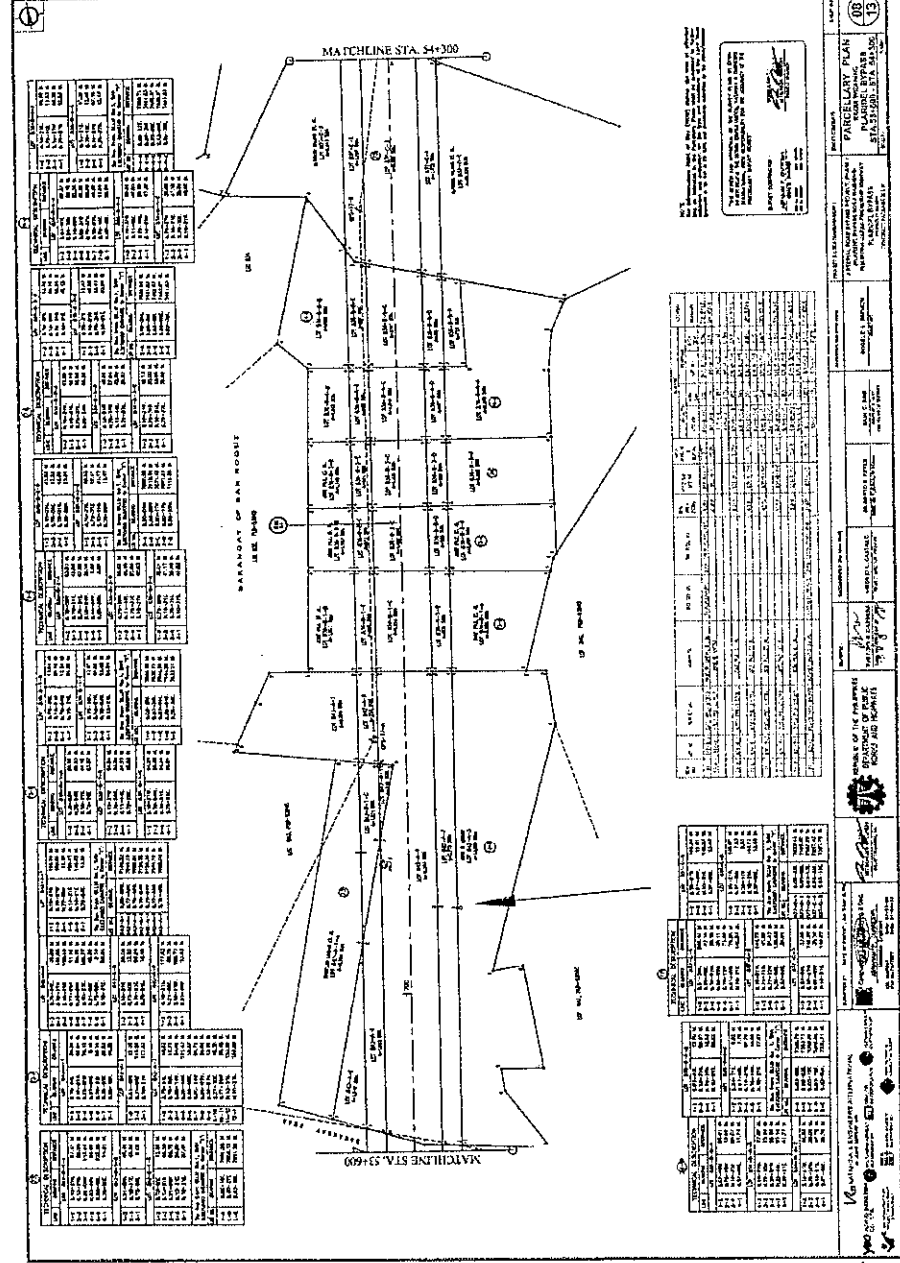
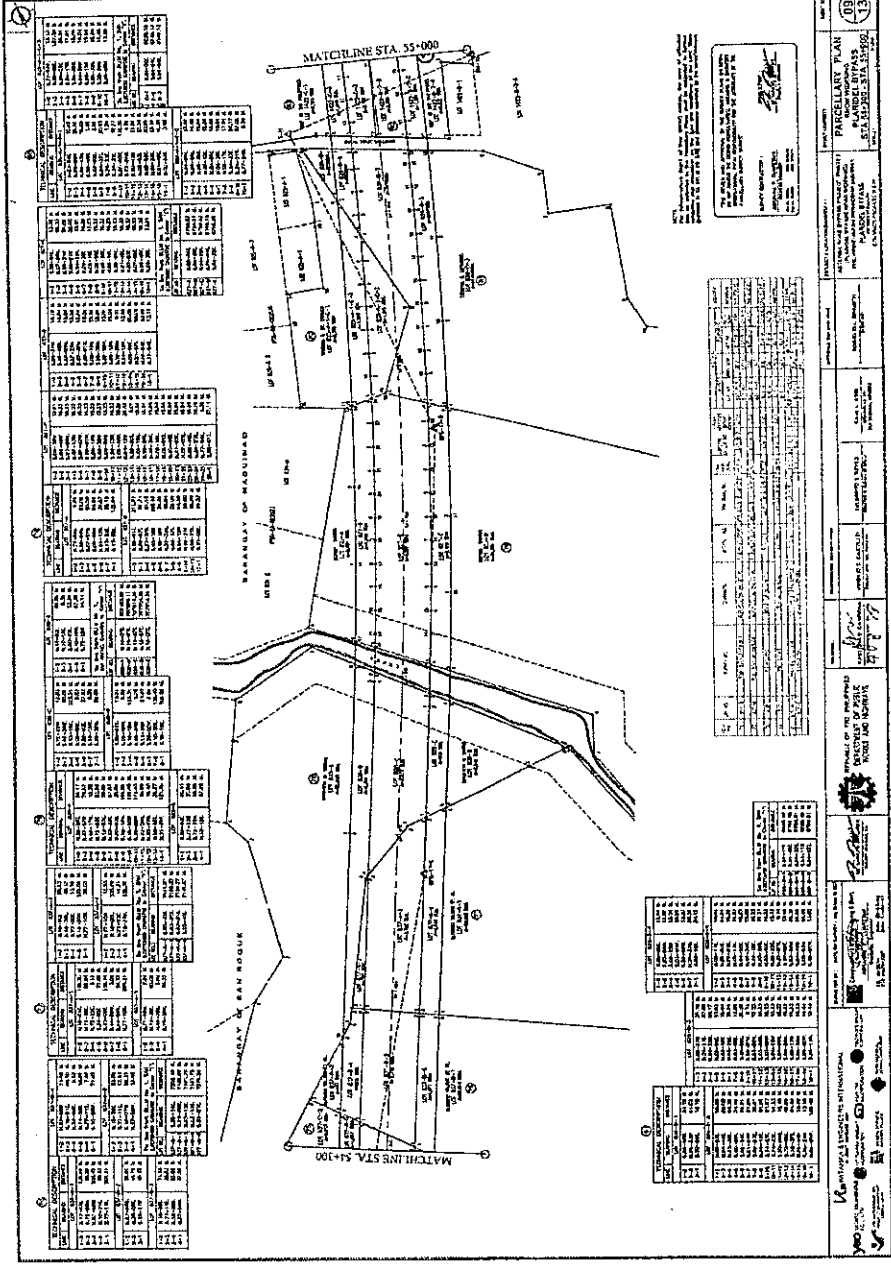




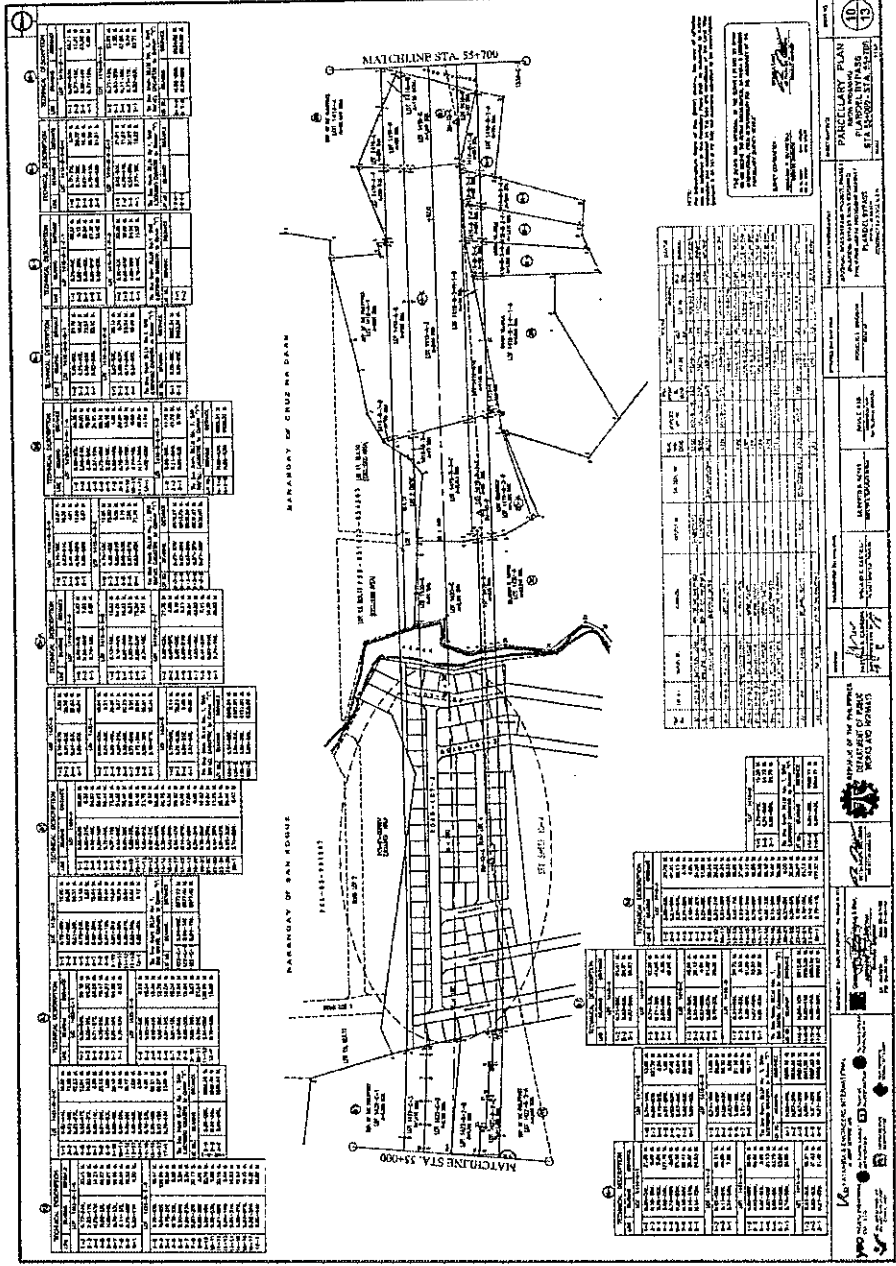
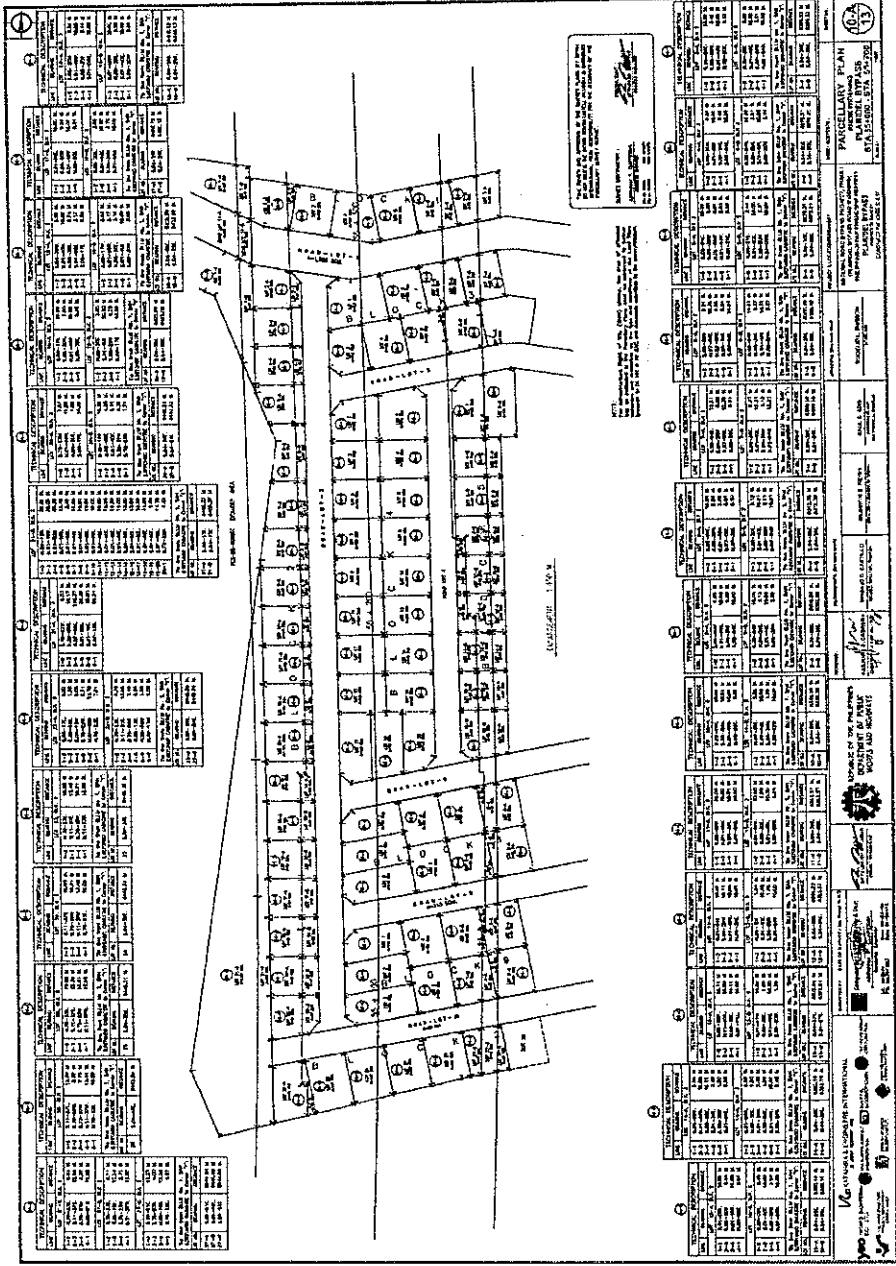


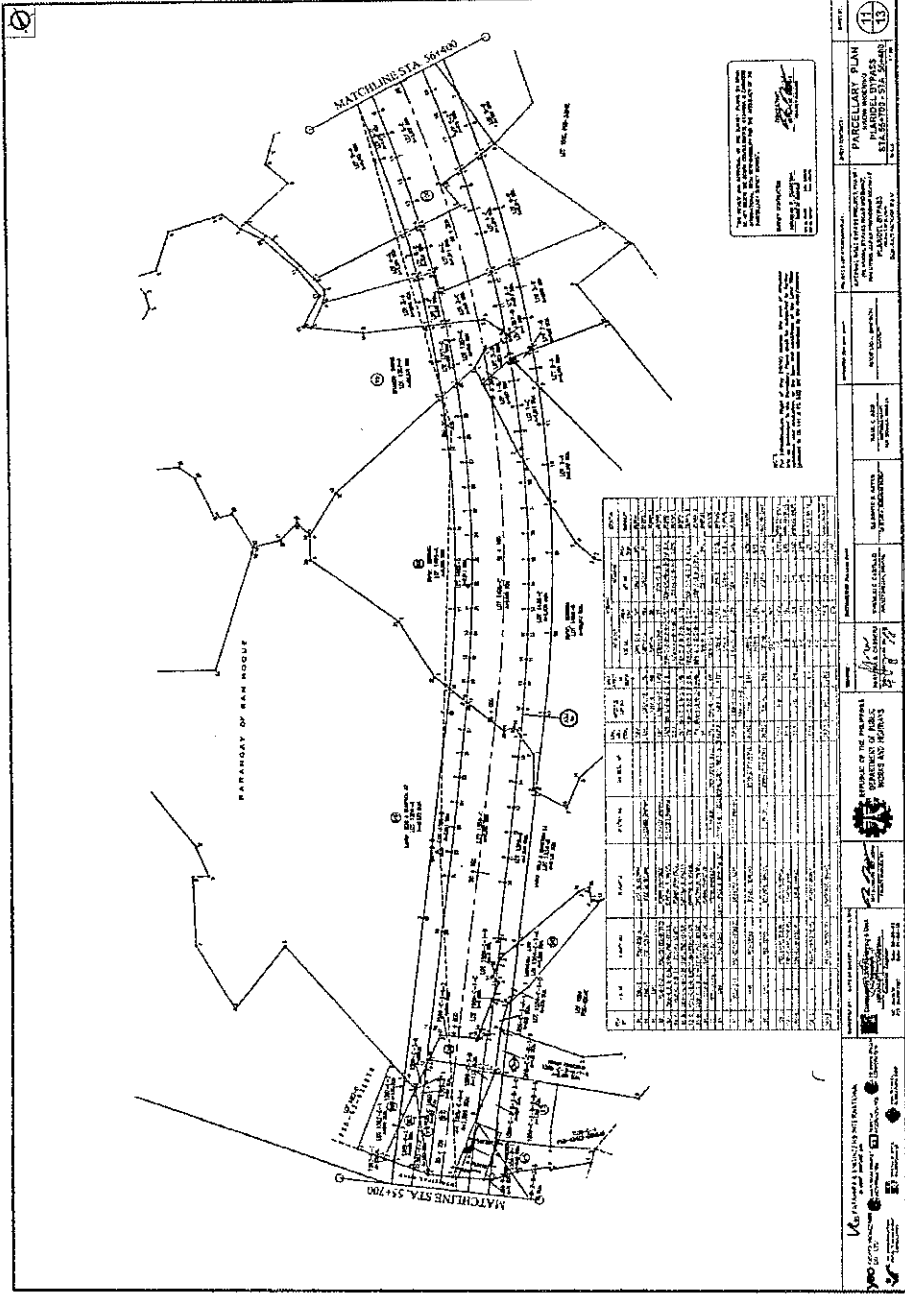
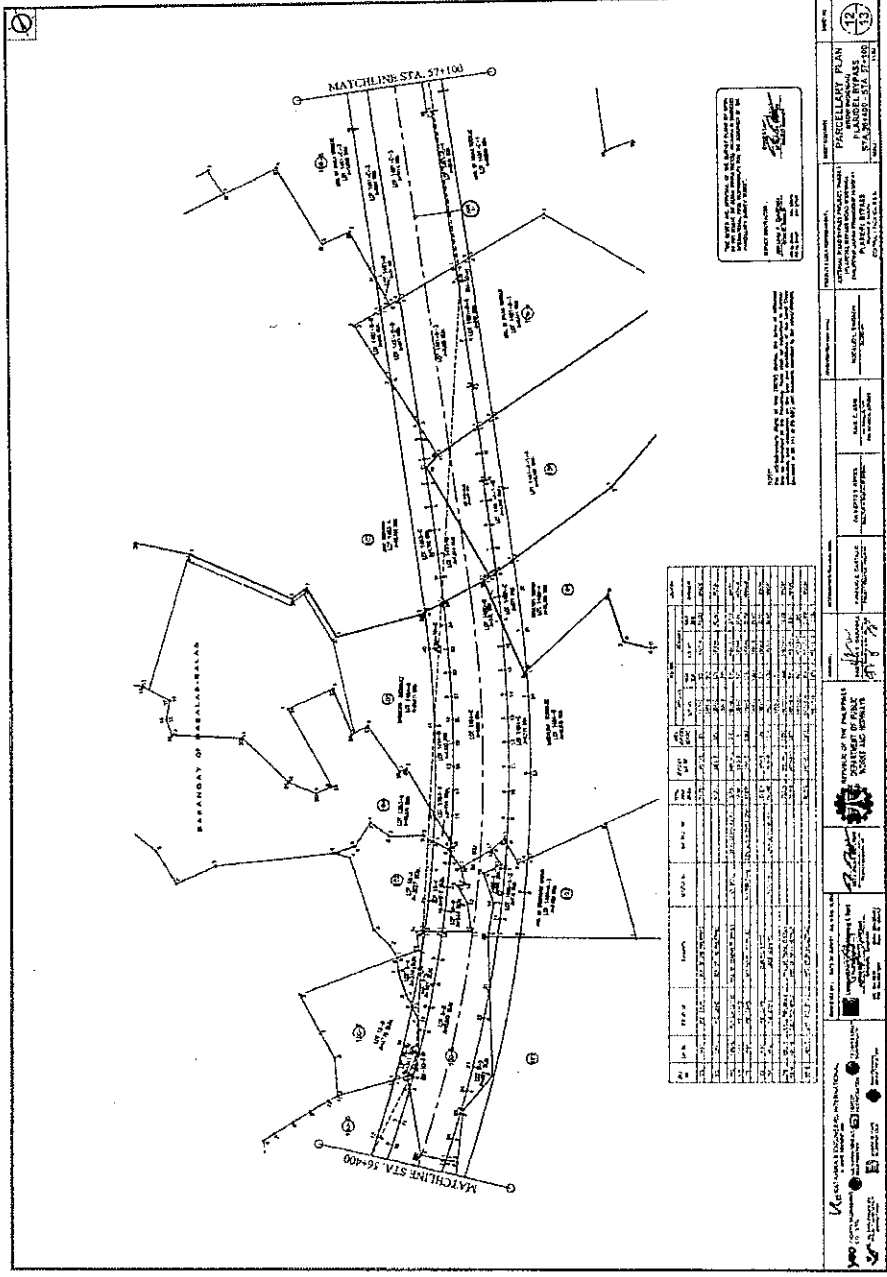




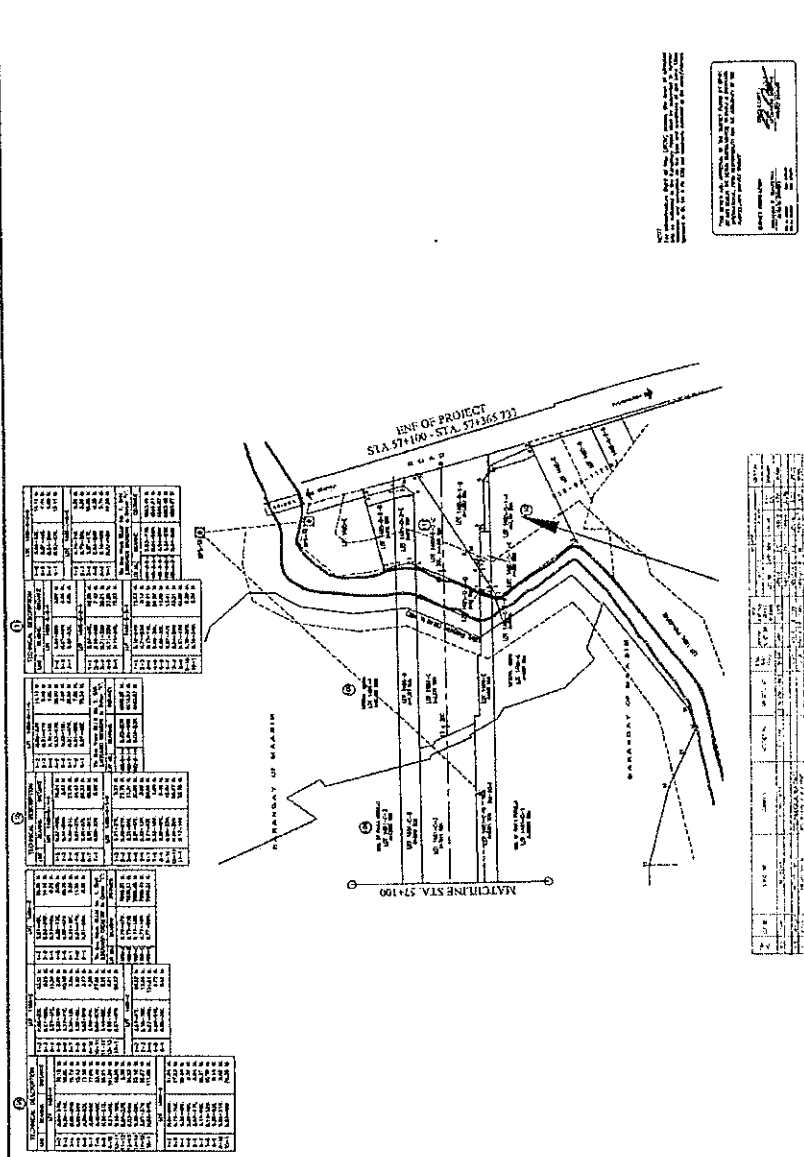








2

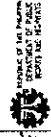


BLK	S	T	AREA (SQ FT)				TOTAL AREA (SQ FT)
			100	200	300	400	
100	1	1	1000	1000	1000	1000	4000
100	2	1	1000	1000	1000	1000	4000
100	3	1	1000	1000	1000	1000	4000
100	4	1	1000	1000	1000	1000	4000
100	5	1	1000	1000	1000	1000	4000
100	6	1	1000	1000	1000	1000	4000
100	7	1	1000	1000	1000	1000	4000
100	8	1	1000	1000	1000	1000	4000
100	9	1	1000	1000	1000	1000	4000
100	10	1	1000	1000	1000	1000	4000
100	11	1	1000	1000	1000	1000	4000
100	12	1	1000	1000	1000	1000	4000
100	13	1	1000	1000	1000	1000	4000
100	14	1	1000	1000	1000	1000	4000
100	15	1	1000	1000	1000	1000	4000
100	16	1	1000	1000	1000	1000	4000
100	17	1	1000	1000	1000	1000	4000
100	18	1	1000	1000	1000	1000	4000
100	19	1	1000	1000	1000	1000	4000
100	20	1	1000	1000	1000	1000	4000
100	21	1	1000	1000	1000	1000	4000
100	22	1	1000	1000	1000	1000	4000
100	23	1	1000	1000	1000	1000	4000
100	24	1	1000	1000	1000	1000	4000
100	25	1	1000	1000	1000	1000	4000
100	26	1	1000	1000	1000	1000	4000
100	27	1	1000	1000	1000	1000	4000
100	28	1	1000	1000	1000	1000	4000
100	29	1	1000	1000	1000	1000	4000
100	30	1	1000	1000	1000	1000	4000
100	31	1	1000	1000	1000	1000	4000
100	32	1	1000	1000	1000	1000	4000
100	33	1	1000	1000	1000	1000	4000
100	34	1	1000	1000	1000	1000	4000
100	35	1	1000	1000	1000	1000	4000
100	36	1	1000	1000	1000	1000	4000
100	37	1	1000	1000	1000	1000	4000
100	38	1	1000	1000	1000	1000	4000
100	39	1	1000	1000	1000	1000	4000
100	40	1	1000	1000	1000	1000	4000
100	41	1	1000	1000	1000	1000	4000
100	42	1	1000	1000	1000	1000	4000
100	43	1	1000	1000	1000	1000	4000
100	44	1	1000	1000	1000	1000	4000
100	45	1	1000	1000	1000	1000	4000
100	46	1	1000	1000	1000	1000	4000
100	47	1	1000	1000	1000	1000	4000
100	48	1	1000	1000	1000	1000	4000
100	49	1	1000	1000	1000	1000	4000
100	50	1	1000	1000	1000	1000	4000
100	51	1	1000	1000	1000	1000	4000
100	52	1	1000	1000	1000	1000	4000
100	53	1	1000	1000	1000	1000	4000
100	54	1	1000	1000	1000	1000	4000
100	55	1	1000	1000	1000	1000	4000
100	56	1	1000	1000	1000	1000	4000
100	57	1	1000	1000	1000	1000	4000
100	58	1	1000	1000	1000	1000	4000
100	59	1	1000	1000	1000	1000	4000
100	60	1	1000	1000	1000	1000	4000
100	61	1	1000	1000	1000	1000	4000
100	62	1	1000	1000	1000	1000	4000
100	63	1	1000	1000	1000	1000	4000
100	64	1	1000	1000	1000	1000	4000
100	65	1	1000	1000	1000	1000	4000
100	66	1	1000	1000	1000	1000	4000
100	67	1	1000	1000	1000	1000	4000
100	68	1	1000	1000	1000	1000	4000
100	69	1	1000	1000	1000	1000	4000
100	70	1	1000	1000	1000	1000	4000
100	71	1	1000	1000	1000	1000	4000
100	72	1	1000	1000	1000	1000	4000
100	73	1	1000	1000	1000	1000	4000
100	74	1	1000	1000	1000	1000	4000
100	75	1	1000	1000	1000	1000	4000
100	76	1	1000	1000	1000	1000	4000
100	77	1	1000	1000	1000	1000	4000
100	78	1	1000	1000	1000	1000	4000
100	79	1	1000	1000	1000	1000	4000
100	80	1	1000	1000	1000	1000	4000
100	81	1	1000	1000	1000	1000	4000
100	82	1	1000	1000	1000	1000	4000
100	83	1	1000	1000	1000	1000	4000
100	84	1	1000	1000	1000	1000	4000
100	85	1	1000	1000	1000	1000	4000
100	86	1	1000	1000	1000	1000	4000
100	87	1	1000	1000	1000	1000	4000
100	88	1	1000	1000	1000	1000	4000
100	89	1	1000	1000	1000	1000	4000
100	90	1	1000	1000	1000	1000	4000
100	91	1	1000	1000	1000	1000	4000
100	92	1	1000	1000	1000	1000	4000
100	93	1	1000	1000	1000	1000	4000
100	94	1	1000	1000	1000	1000	4000
100	95	1	1000	1000	1000	1000	4000
100	96	1	1000	1000	1000	1000	4000
100	97	1	1000	1000	1000	1000	4000
100	98	1	1000	1000	1000	1000	4000
100	99	1	1000	1000	1000	1000	4000
100	100	1	1000	1000	1000	1000	4000

NO.	TYPE	DATE	BY	REVISION
1	AS BUILT	12/15/22	JTB	FINAL
2	ISSUE FOR PERMIT	12/15/22	JTB	FINAL
3	ISSUE FOR CONSTRUCTION	12/15/22	JTB	FINAL
4	ISSUE FOR RECORDING	12/15/22	JTB	FINAL

THIS PLAN IS THE PROPERTY OF THE ENGINEER AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS WITHOUT THE WRITTEN PERMISSION OF THE ENGINEER.

DATE OF ISSUE: 12/15/22  
 DRAWN BY: JTB  
 CHECKED BY: JTB  
 APPROVED BY: JTB

<p>DESIGNED BY: JTB</p> <p>CHECKED BY: JTB</p> <p>APPROVED BY: JTB</p> <p>DATE OF ISSUE: 12/15/22</p>		<p>SCALE: AS SHOWN</p>	<p>PROJECT NO: 2201001</p> <p>DATE: 12/15/22</p>	<p>PARCELS PLAN</p> <p>FOR THE          PROJECT NO. 2201001          PLANNED DEVELOPMENT          OF THE          10000 BRIDLE PATHS          DEVELOPMENT IN THE          COUNTY OF SPOTSYLDEN,          VA</p>
---	---	------------------------	--	---

