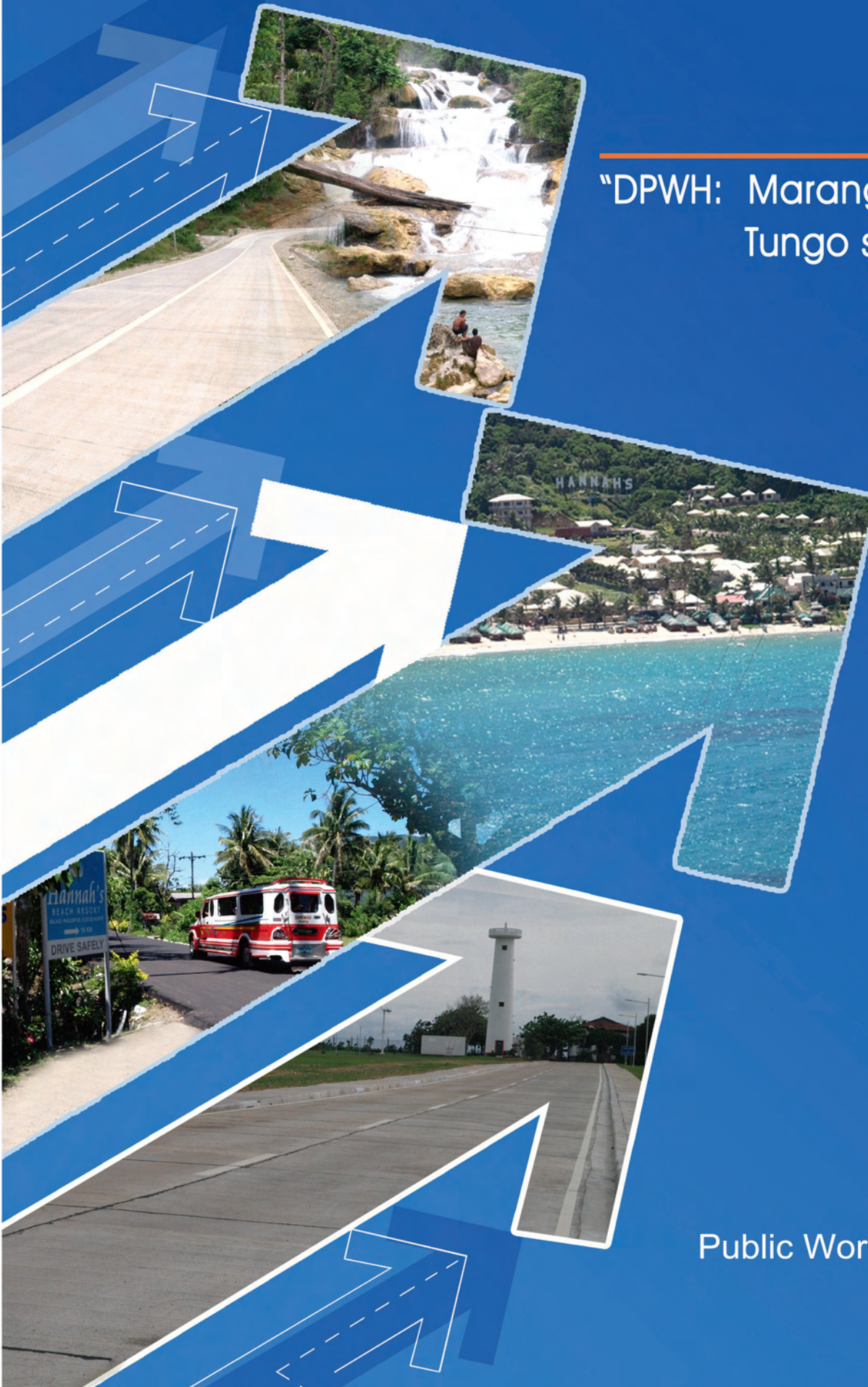


**2014**

**ANNUAL  
REPORT**

**"DPWH: Marangal na Serbisyo  
Tungo sa Pagbabago"**



**Department of  
Public Works and Highways**



# VISION

By 2030, DPWH is an effective and efficient agency improving the life of every Filipino through quality infrastructure.

# MISSION

To provide and manage quality infrastructure facilities and services responsive to the needs of the Filipino people in the pursuit of national development objectives.

*RIGHT PROJECTS*

*RIGHT COST*

*RIGHT QUALITY*

*RIGHT ON TIME*

*RIGHT PEOPLE*





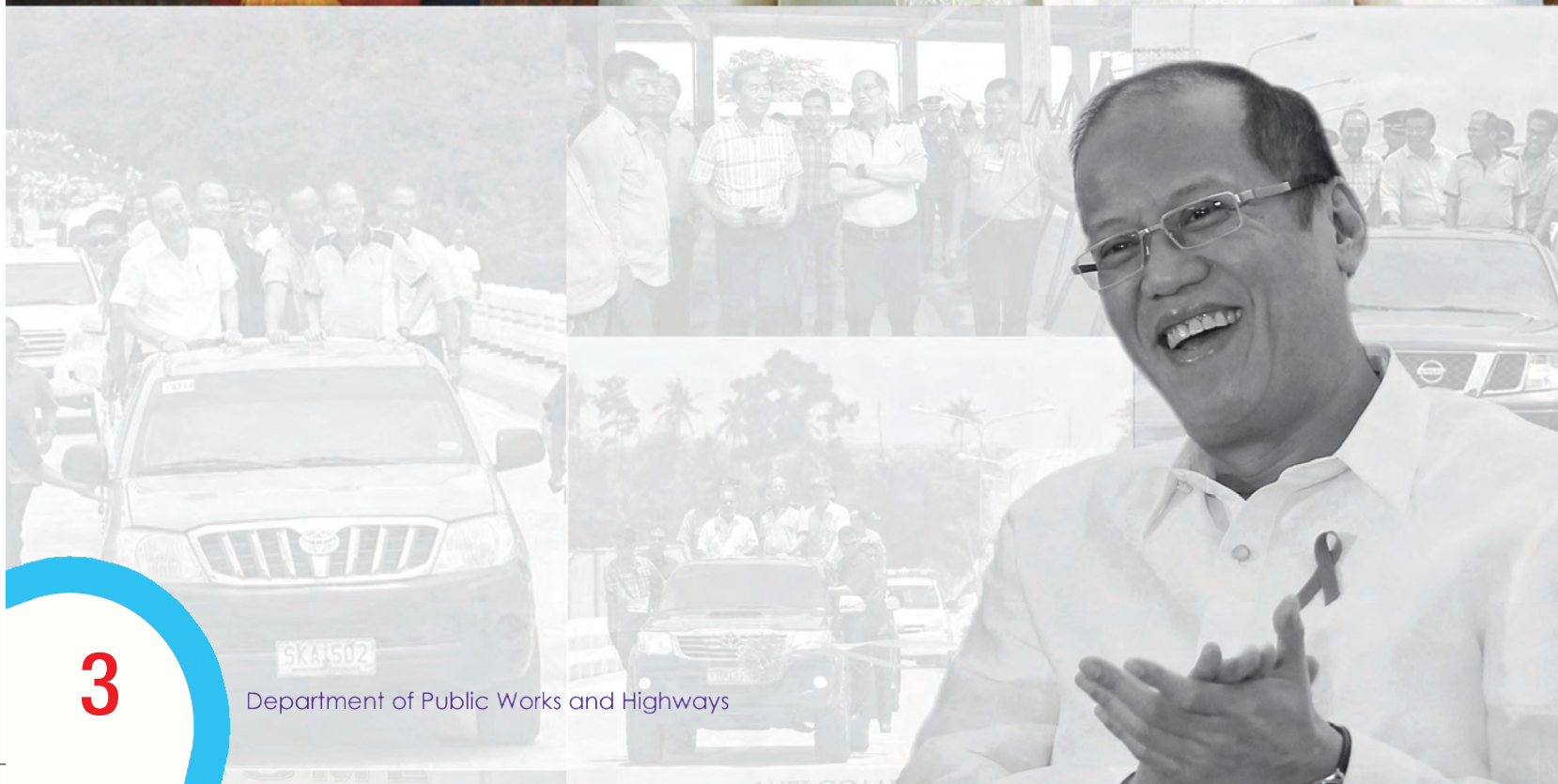
# table of Contents

---

Message .....	3
Highlights of accomplishments .....	7
Regional development .....	21
Streamlining internal controls and improving business processes .....	53
Information technology initiatives .....	61

---







## Message

A nation's progress is largely determined by its roadways; well-maintained thoroughfares enable citizens to journey conveniently, and encourage the flow of people, products, and services between our localities.

The Department of Public Works and Highways has held fast to its mission to provide our country with the means for secure travel. I commend you for surpassing your target for national road network built, as well as for ongoing projects such as the Tarlac-Pangasinan-La Union Expressway (TPLEX), which will mean faster travel between the said areas, and the NLEX-SLEX Link Connector, which will link two of Luzon's major highways.

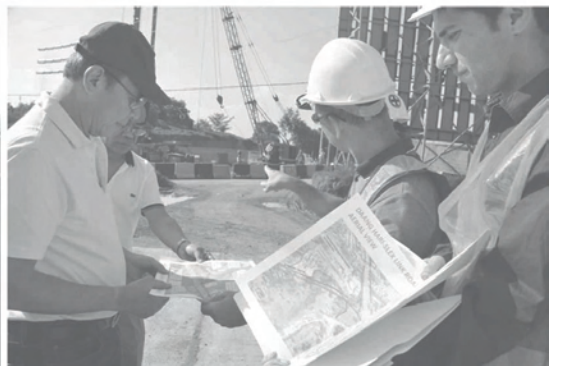
As we look towards a bright, connected future, let us not forget that we live in the here and now; I exhort you to continue paving streets that have fallen into disrepair, especially as we prepare for the annual rainy season, that your fellow Filipinos may enjoy safe commutes, leaving them with one less worry as they fulfill their respective tasks as productive members of society.

May our collective legacy be one of integrity and progress; that we may bequeath to future generations the Philippines we all hope for and deserve.



**BENIGNO S. AQUINO III**  
President of the Philippines







## Message

DPWH's big leap in customer satisfaction rankings of government offices in the 2014 perception survey among members of the Makati Business Club is a positive outcome of the Department's Good Governance and Anti-Corruption Reform Programs.

Our Good Governance and Anti-Corruption Reforms strategy is simple - right project with the right cost and right quality, and right-on-time implementation by the right people.

While we maintained our being number one – five times in the Performance Governance System performance report ratings among government agencies since 2010 and with the Institute for Solidarity in Asia and National Competitiveness Council giving us the elusive “Gold Trailblazer Award”, no less than President Benigno S. Aquino III has also noted our performance as cited in all his State of the Nation Address, we will not rest.

We continue to review our policies, procedures and quality in our work by establishing a Quality Management System benchmarked with international standards to be ISO Certified. We expect the Department to be ISO certified soon. (As of this printing, DPWH has received ISO certification last April 14, 2015)

These successes in our transformation programs are the fruits of our common efforts and common ideals. Without the dedication and cooperation of the women and men in the Department, we would not be able to attain these achievements.

Even with these recognitions, we shall continue to step further forward and contribute to Philippines' competitiveness in terms of quality infrastructure and government efficiency.

We are ready to undertake more projects as infrastructure investments will grow the 1.8% of Gross Domestic Product (GDP) in 2011 to 5.0% of GDP in 2016 intended for upgrading the quality and safety of roads and bridges; providing better access to tourism destinations, airports, seaports, RoRo ports and food production areas; flood and disaster risk reduction and resiliency program; and Mindanao logistics network program.

With renewed optimism, positive culture and values of our workforce, we will continue to work with honesty and integrity and restore dignity to public service.






Getting on with the job amidst serious challenges, this Performance Report tells the story of our achievements in 2014.

Sa Daang Matuwid, ang bayan ang panalo!

  
**ROGELIO L. SINGSON**  
Secretary



# DPWH 2014 Highlights of Accomplishments

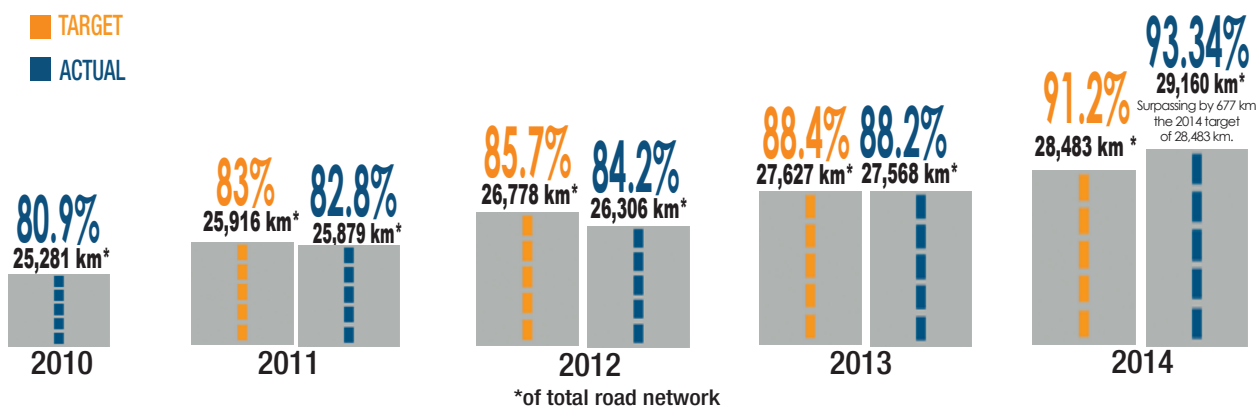
KEY REFORM AREAS	MAJOR PROCESS IMPROVEMENT
<b>RIGHT PROJECTS</b> 	<ul style="list-style-type: none"> <li>• Objective programming and project selection criteria based on planning applications (i.e. PMS-HDM 4);</li> <li>• Project details and status available on the DPWH Website;</li> <li>• Public consultation and full disclosure on public expenditure and project details.</li> </ul>
<b>RIGHT COST</b> 	<ul style="list-style-type: none"> <li>• Detailed Design, Program of Work and Detailed Costing evaluated based on revised Indirect/Direct Standard Unit Costs structure;</li> <li>• Simplified bidding process now requires only 5 documents in Transparent and Competitive Bidding resulted in P39 Billion savings;</li> <li>• Removed the need to submit Letter of Intent to reduce collusion;</li> <li>• Established standard cost estimation manuals for roads, bridges and buildings.</li> </ul>
<b>RIGHT QUALITY</b> 	<ul style="list-style-type: none"> <li>• Strict Monitoring of Contractors and only PCAB licensed contractors;</li> <li>• Clustering of projects into bigger contract packages to attract competent and well-equipped contractors.</li> <li>• 24x7 DPWH Call Center (165-02) to address queries and complaints;</li> <li>• Outsourced project inspection and quality assurance services;</li> <li>• Upgraded design standards on roads, bridges, schoolbuildings and flood control projects</li> </ul>
<b>RIGHT ON TIME</b> 	<ul style="list-style-type: none"> <li>• Adopted standard construction duration and S-curve;</li> <li>• Accredited 52 Civil Society Organizations (CSOs) partners for monitoring;</li> <li>• Close monitoring of project implementation;</li> <li>• Adoption of PDM scheduling technique and use of Primavera software</li> </ul>
<b>RIGHT PEOPLE</b> 	<ul style="list-style-type: none"> <li>• Professionalized DPWH Organizations and its employees;</li> <li>• Promotional Examination for Assistant District Engineers and up;</li> <li>• Cadet Engineering Program to recruit young and talented engineers;</li> <li>• Organizational Culture Change Program</li> </ul>



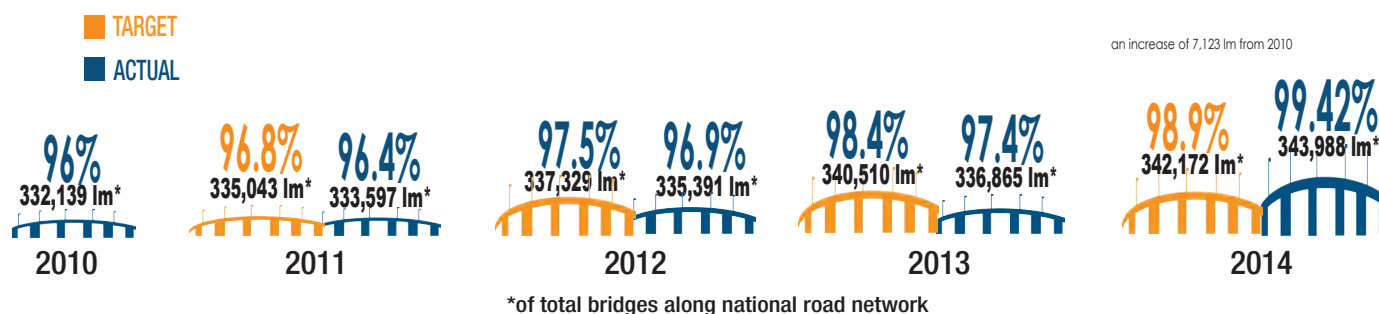
# STRATEGIC OBJECTIVES

## *Increased mobility and total connectivity*

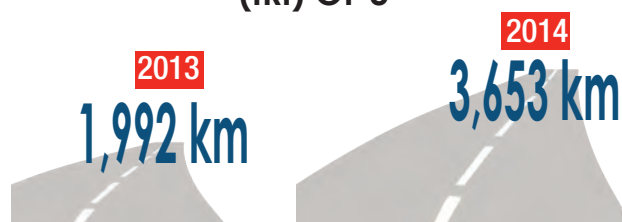
### NATIONAL ROAD NETWORK PAVED



### BRIDGES ALONG NATIONAL ROADS MADE PERMANENT



### ARTERIAL ROADS WITH INTERNATIONAL ROUGHNESS INDEX (IRI) OF 3



Seven (7) units of road surface profilometers (RSP) and one (1) ground penetrating radar (GPR), specialized equipment that can measure road surface smoothness and thicknesses of surface courses and underlying layers have been procured under IBRD-assisted NRIMP-2 and the JICA-assisted JRUPP Project.

In 2014, the Bureau of Quality and Safety conducted road roughness survey using RSPs on a total of 235 km. The GPR was also utilized to determine surface course thickness on a total of 128 km.

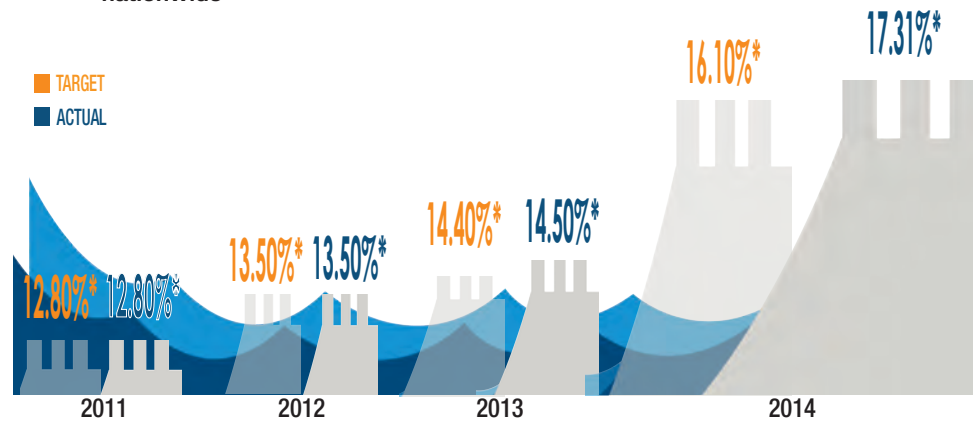
## Safe environment

### FLOOD-PRONE PROTECTED AREAS IN IDENTIFIED MAJOR AND PRINCIPAL RIVER BASINS

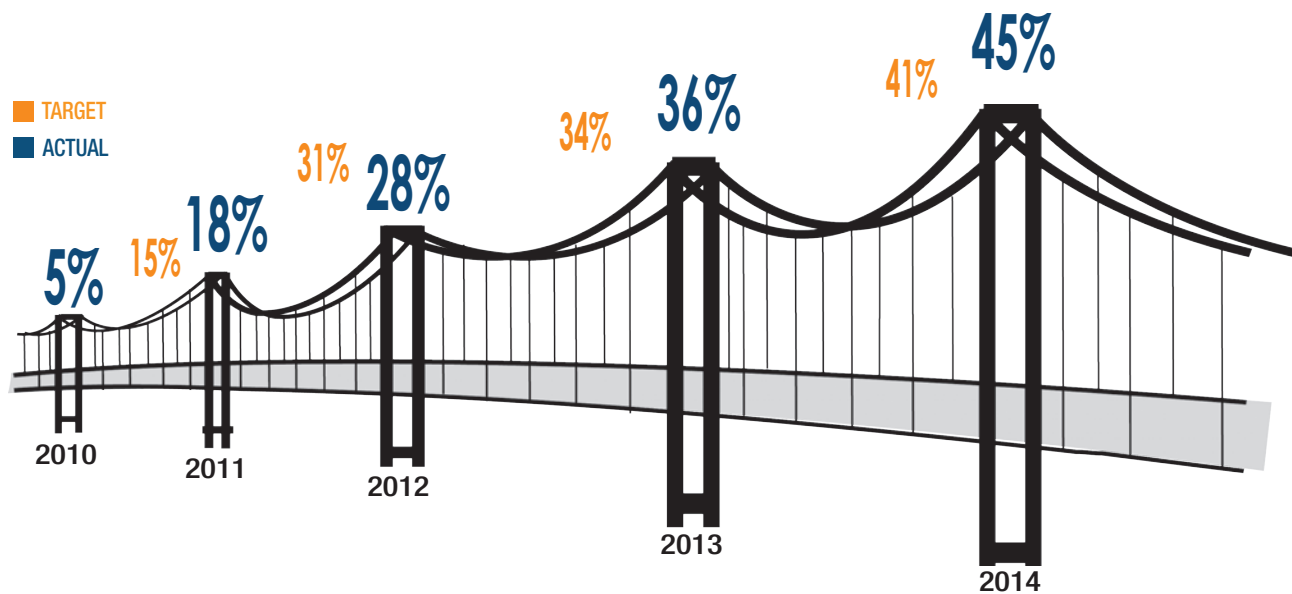
The Department is envisaging improving allocations in this important sector considering the present challenges of climate change adaptation (CCA), disaster risk reduction management (DRRM) and “La Niña” phenomenon including disaster risk mitigation.

The extent of flood prone areas and target flood protected areas are mainly based on completed major flood control studies (for the 37 major flood control projects) and the results of the JICA-assisted Nationwide Flood Risk Assessment Study (NaFra) completed in 2008 (for the 56 priority river basins).

\*Flood-prone protected areas of **416,327 hectares** nationwide



### NATIONAL ROADS AND BRIDGES COVERED BY IRAP SAFETY AUDITS



With the need for having a more accurate, reliable, and consistent basis for realistically assessing this important feature (vis-à-vis visual/ocular observations and assessments); the use of International Road Assessment Program (iRAP) safety audits was adopted in 2011 as part of DPWH's current innovations.

Phases 1 and 2 of the detailed road inspection under iRAP Philippines Assessment produced baseline ratings for 6,180 kilometers of national roads.



## Transparent and accountable organization

### EXTERNAL STAKEHOLDERS PERCEPTION RATING

#### DPWH Customer Overall Satisfaction Rating

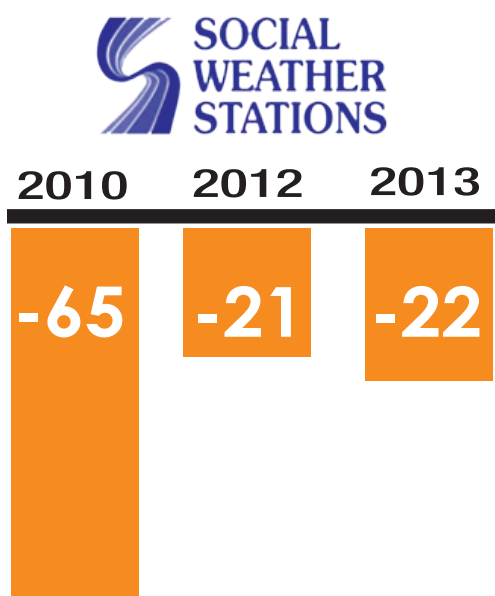
**74%** 2014  
satisfaction rating  
24,326 feedback forms received

**78.35%** Q1 2015  
satisfaction rating  
14,092 feedback forms received

#### DPWH Customer Feedback Criteria

Overall quality  
Promptness  
Efficiency of systems and  
procedures  
Knowledge of staff  
Work/office environment

#### DPWH sincerity rating by SWS survey on Corruption



Initially, the DPWH has taken into consideration the Road Sector Status Report Card by the People's Road Watch or the "Bantay Lansangan" for the external stakeholders perception rating. However, it may be noted that it has not received BL report card ratings in 2011 and 2012 as the sustainability of the World-Bank independently funded third party organization may be at issue. The DPWH is exploring the use of a potential substitute measure as well as third party organization.

Given the distinction of the Social Weather Station (SWS) as a reliable social research institution, the DPWH has taken into consideration the SWS 2013 Surveys of Enterprises on Corruption as a gauge to determine how the Department is doing well in its transparency and accountability efforts.

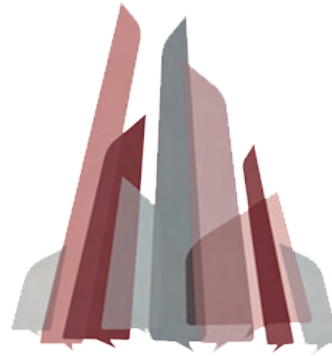
The Department, with the transformation efforts being implemented, is aiming to attain at least the neutral level (+/- 0% rating) by the end of 2016.

In 2014, DPWH devised an own tool in measuring the overall satisfaction of its external stakeholders. By virtue of Department Order No. 53, series 2014, all DPWH offices nationwide were required to use the prescribed Customer Feedback Form to measure customers' satisfaction rating on services delivered.



## DPWH net satisfaction rating by Makati Business Club members

July 2013-June 2014 performance



**MBC**  
MAKATI BUSINESS CLUB

**76.9%**  
Satisfied

**21.5%**  
unsatisfied

**55.4** Net score  
among 62  
government agencies

Also in 2014, it is worth mentioning that July 2014 net satisfaction rating survey result conducted among Philippine business executives who are members of the Makati Business Club (MBC) gave positive mark to the performance of DPWH.

The positive outcome of the latest perception survey among members of MBC is attributed to appreciation of the Department's transformation program particularly reforms in the processes anchored on promoting right project with right cost and right quality, and right-on-time implementation by the right people.

Other than the MBC, DPWH stellar performance was also cited by no less than the President in his recent State of the Nation Address while the agency was a recipient of "Gold Trailblazer Award" from the Institute for Solidarity in Asia and National Competitiveness Council for garnering highest rating among the government agencies which presented performance reports under the Performance Governance System (PGS) during the Public Governance Forum held last April 11, 2014. DPWH is consistently being number one – five times in P.G.S. performance since P.G.S. reporting started in 2010.





# Institutionalize improved processes

## NUMBER OF ISO CERTIFIED OFFICES

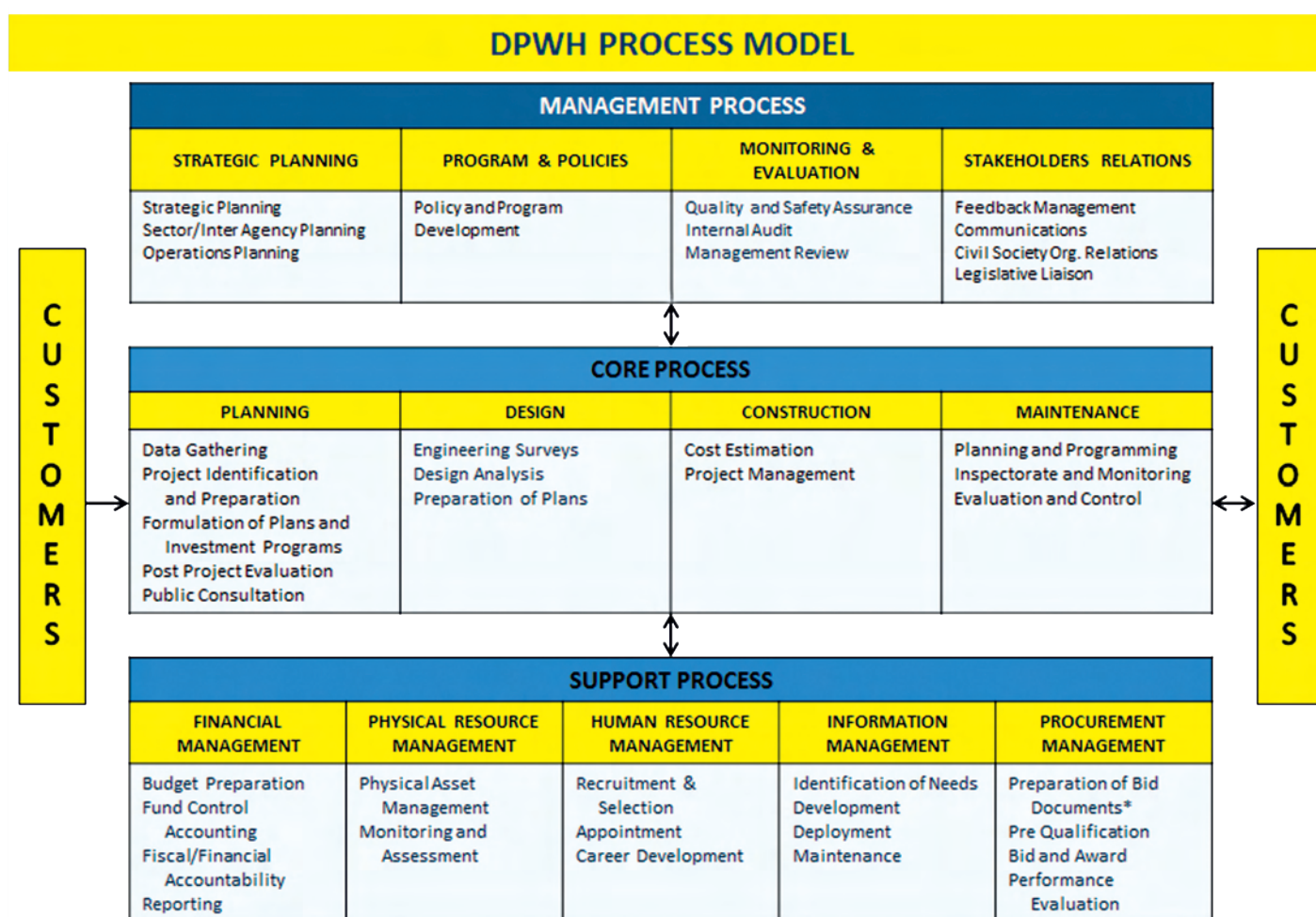
Two years ago, DPWH began to pursue ISO certification for establishing a quality management system that meets international standards.

The DPWH has secured the services of the Development Academy of the Philippines to train and guide the Department in the development of quality management system (QMS) certifiable to ISO 9001:2008. The Memorandum of Agreement was signed on June 14, 2012 for the project, "Development of Quality Management System (QMS) Certifiable to ISO 9001:2008.

The contract for the 3rd party ISO certifying body was awarded to Anglo Japanese American (AJA) Registrars in August 2014. AJA Registrars commenced the Stage 1 Audit of the 19 DPWH offices included in the pursuit of ISO certification on December 19, 2014.

After Stage 1 Audit and Stage 2 (detailed) Audit in the first quarter of 2015, DPWH was officially registered on April 14, 2015 as ISO 9001:2008 Certified covering planning, design, construction and maintenance of national roads and bridges and flood control structures by the AJA Registrars Inc., an independent third party registrar (certification body) operating globally.

The DPWH has updated and redesigned its Enterprise Process Model to better reflect the linkages among management, core, support, and management analysis and improvement processes. The model shows that the DPWH customers' (public) play a significant role in defining requirements as well as inputs. Monitoring of customer satisfaction which will be basically undertaken by third party organizations will be given important focus.



In the process model framework, it is worth mentioning that the Department puts premium on its customers. This process model begins with the assessment of customers' needs based on a given criteria of objective prioritization of programs and projects; and, ends with the customers' utilizing these programs and projects as drivers to economy.



# Simplify and innovate processes

## ABSORPTIVE CAPACITY

After the institutional reforms and process improvements made in 2011 to ensure "Quality Disbursements" of public funds, the infrastructure disbursements significantly increased from P106 Billion in 2011 to P165 Billion in 2014 (full year), as shown below:

FY 2014 Fund Utilization vs. Previous Years  
(In Billion Pesos)

	2011	2013	2013	2014
Obligations vs. Allotments	71%	79%	91%	70%

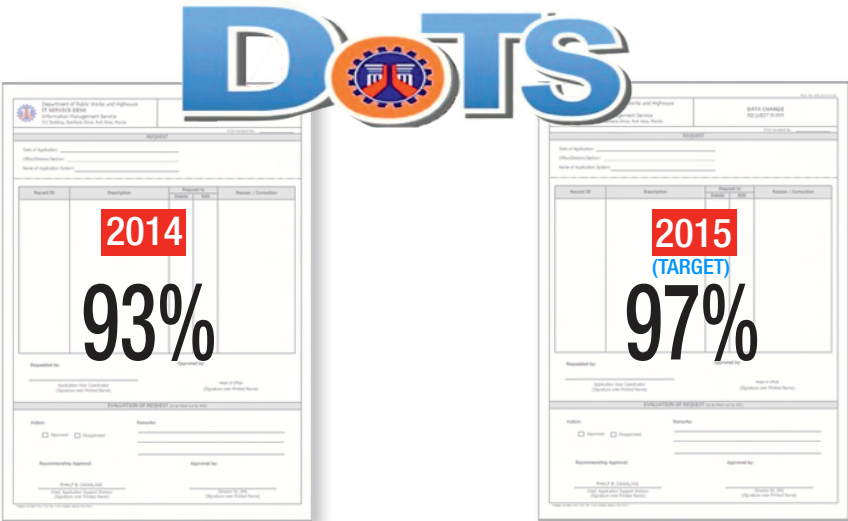


	Allotments	Obligations	Disbursements (NCA, TRA, FC, FNC)
<b>FY 2011</b>	172	121.6	105.5
<b>FY 2012</b>	200	157.9	142.9
<b>FY 2013</b>	218	198.1	163.3
<b>FY 2014</b>	271.1	190.5	164.7

Note: NCA-Notice of Cash Allocation; TRA-Tax Remittance Advice; FC-Forex Cash; FNC-Forex Non-Cash

## PERCENTAGE COMPLIANCE TO PRESCRIBED DOCUMENTS PROCESSING TIMELINES

The Department uses a dynamic electronic routing slip, called Document Tracking System or DoTS, for monitoring the status of documents. DoTS eliminate delays in the processing and approval of documents. Calculated annually based on the number of documents received by the DoTS Center, DPWH has posted compliance rate of 93% in 2014 and is targeting to 97% in 2015.



## INTERNAL STAKEHOLDERS APPROVAL RATING



The internal stakeholders approval rating improves from 65% in 2010 to 89% in 2014.

In the last quarter of 2014, the Human Resource and Administrative Service (HRAS) and the Stakeholders Relations Service (SRS) developed a new survey tool for the conduct of Internal Satisfaction Survey (ISS) to be undertaken across the organization from the Central (Head) Office down to District Engineering Offices. The survey tool is under evaluation for further improvement to elicit the right responses to the survey questionnaire items.





## CADET ENGINEERING PROGRAM

2013



**Batch 1: Cadet Engineers**

The Department, recognizing the need to inject a new breed of engineers to the organization, has come up with a program called Cadet Engineering Program, a workplace learning and development program that aims to identify young, vibrant, and intelligent civil engineers and prepare them for becoming competent members of the agency.

Under this program, 40 young civil engineers were trained for 26 weeks and passed the First Batch of Cadetship Program. President Benigno S. Aquino III lauds graduates of the program during their courtesy call on March 25, 2014 in Malacañang's Heroes Hall.

Following the extensive recruitment and selection of participants nationwide, there are 41 Cadet Engineers in the Second Batch of Cadet Engineering Program.

2014



**Batch 1: 40 Cadet Engineers appointed to Regular Engineer II Position**

2015



**Batch 2: 41 Cadet Engineers**

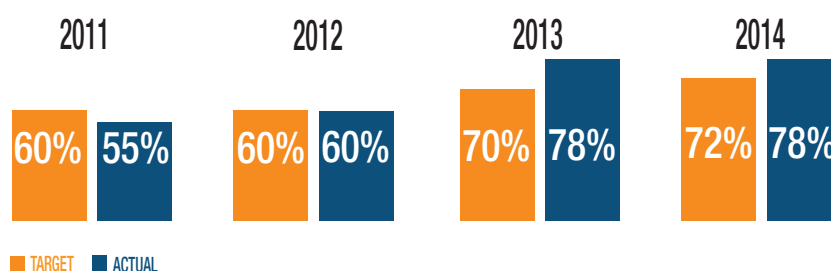


## PERCENTAGE OF ACCREDITED PERSONNEL IN SELECTED OCCUPATIONAL GROUPS

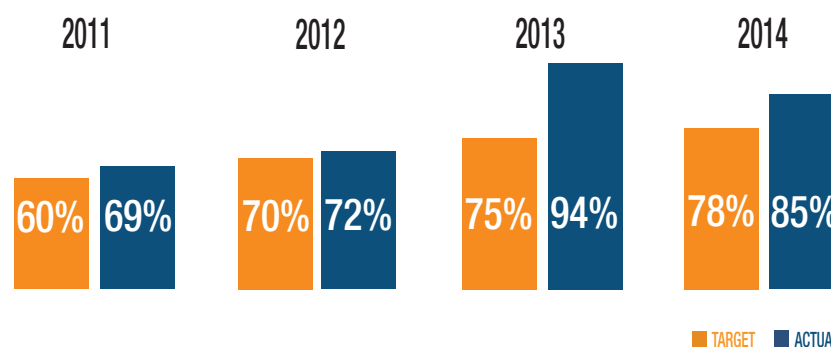


The percentage of Key Personnel Accredited in selected occupational groups is targeted to improve to 60% in 2011, 60% in 2012, 70% in 2013, 72% in 2014, 75% in 2015 and 80% in 2016, and finally 100% in 2030. In 2014, the DPWH has achieved a rating of 78%.

Occupation groups in the Department which requires accreditation, examinations or training are Project Engineers, Project Inspectors, Materials Engineers, and Procurement Officers (Bids and Awards Committee members).



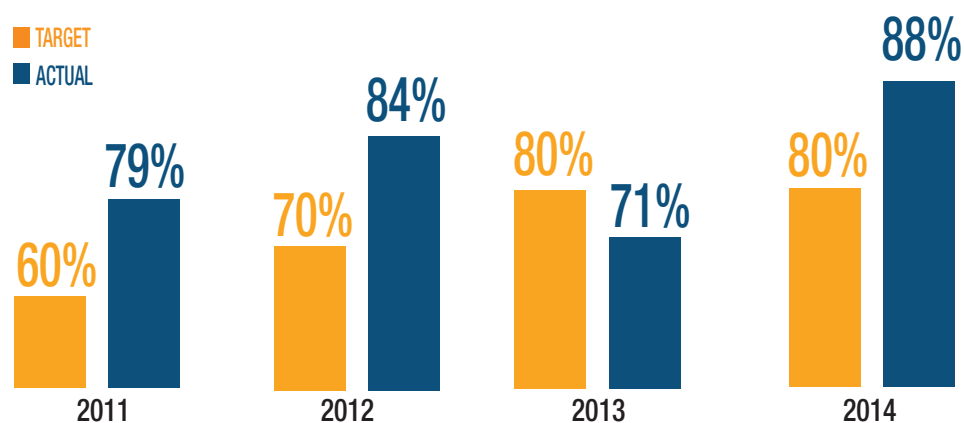
## PERCENTAGE OF ADHERENCE TO PROGRAMMING CRITERIA BASED ON EXISTING PLANNING APPLICATIONS



The percentage of adherence to programming criteria based on existing planning applications with a 50% baseline value in 2009-10, is targeted to increase to 60% in 2011, 70% in 2012, 75% in 2013, 78% in 2014, 80% in 2015, and 90% in 2016. In 2014, performance has improved to 85%. This can be attributed to clearer and more focused planning thrusts and directions and use of IT-aided planning applications in the DPWH.



## PERCENTAGE OF PROJECTS COMPLETED WITHIN TIME AND BUDGET



On the objective of increasing the “percentage of projects completed within time and budget”, this shall improve from the baseline value of 55% in 2010 to 60% in 2011, 70% in 2012, 80% in 2013, 83% in 2015, 85% in 2016, and 100% in 2030. In 2014, DPWH performance was 88% as against the target of 80%.

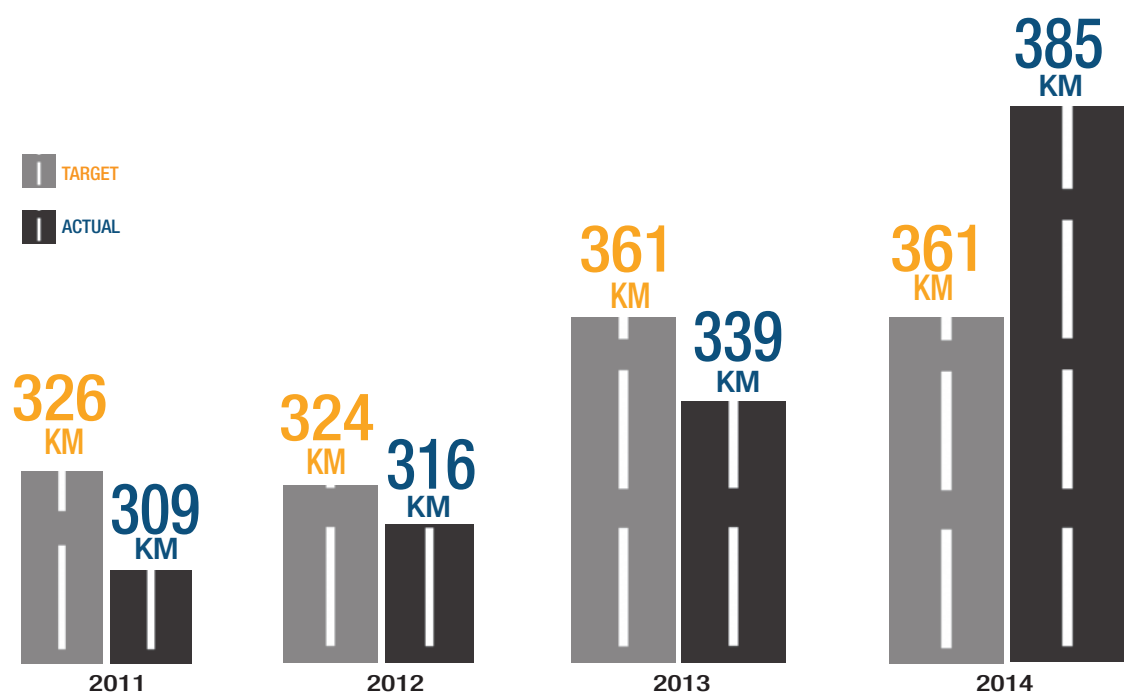






LENGTH OF (CONSTRUCTED) EXPRESSWAYS IN KILOMETER

The length of constructed expressways in the country is targeted to improve from a baseline figure of 286 km in 2010, to 324 km in 2012, 361 km in 2013, 387 km in 2015, and 437 km in 2016. In 2014, the DPWH and its concessionaire/private sector partners have constructed a total length of 385 km as against a target of 361 km.





MFO ACCOUNTABILITY REPORT CARD					
OUTPUTS	OVERALL RESULTS ASSESSMENT				
	SERVICE/PRODUCT RESULTS				
	PERFORMANCE INDICATORS	FY 2013 ACTUAL ACCOMPLISHMENT	FY 2014 TARGET	FY 2014 ACTUAL ACCOMPLISHMENT	RATING
<b>MAJOR FINAL OUTPUTS</b>					
National Road Network Services	Unpaved roads paved	501 roads	338 roads	345 roads	102%
	Projects completed in accordance with plans and specifications	501 projects	338 projects	345 projects	102%
	Projects completed within contract time	501 projects	338 projects	345 projects	102%
Flood Management Services	Construction/ Rehabilitation works	1,755	638	671	105%
	Projects completed in accordance with plans and specifications	1,755 projects	638 projects	671 projects	105%
	Projects completed within contract time	1,603 projects	583 projects	614 projects	105%
Construction and Maintenance Services of Other Infrastructure	Access roads constructed/improved	127 roads	146 roads	152 roads	104%
	Projects completed in accordance with plans and specifications	127 projects	146 projects	152 projects	104%
	Projects completed within contract time	104 projects	120 projects	112 projects	93%
<b>STO and GASS</b>					
SUPPORT TO OPERATIONS	Projects with completed preliminary and detailed engineering within the year	23,169 projects	3,798 projects	6,160 projects	162%
	Projects procurement issued with Notice to Proceed at the end of the year	26,840 projects	3,798 projects	6,011 projects	158%
	Establishment of an ISO-aligned QMS or the continuing certification of one front line service		Conduct third-party audit	ISO Certified	100%
GENERAL ADMINISTRATIVE SUPPORT SERVICES	Budget Utilization Rate				
	Obligations BUR Ratio of total obligations to total release	91%	86%	78.00% Php201,367,833,440 Php258,062,478,881	91%
	Disbursements BUR Ratio of total disbursement to total obligations		80%	87% Php164,714,866,000 Php190,530,696,403	109%
	Submission to COA				
	Financial Statements for FY 2013 (per PD 1445)	100%	100%	100%	100%
	Report on ageing of Cash Advances (cut-off date November 15, 2014)	100%	100%	100%	100%

Source: Agency Form A/A-1; Assessment of DBM BMB-A

PRIORITY PROGRAM ACCOUNTABILITY REPORT CARD					
PRIORITY PROGRAMS	PROGRAM/ PROJECT BUDGET (FY 2014) <i>in million</i>	OVERALL RESULTS ASSESSMENT			
		SERVICE/PRODUCT RESULTS			
		FY 2013 ACTUAL ACCOMPLISHMENTS	FY 2014 TARGETS/ MILESTONES	FY 2014 ACTUAL ACCOMPLISHMENTS	RATING
National Arterial Roads	Php 7.478 B	184 projects (229 km)	65 projects (265 km)	59 projects (67 km)	25%
National Secondary Roads <sup>4</sup>	Php 15.490 B	317 projects (458 km)	273 projects (559 km)	190 projects (225 km)	40%
National Bridges	Php 0.816 B	131 Projects (3,206 lm)	30 Projects (995 lm)	26 Projects (3,412 lm)	343%
Blumentritt Interceptor Catchment Area	Php 0.205 B	20.96%	70.55%	78.50%	111.27%
Daang Hari-SLEX Link Road	PPP	37.31%	85%	63%	74%
P5.0 Billion High-Impact Flood Control Projects in MM and Surrounding Areas	Php 4.947 B	Php 62.47%	92%	89%	97%
NAIA Expressway	PPP		22.92%	19.21%	84%
Zamboanga City Roadmap to Recovery and Reconstruction (Z3R)	Php 0.639 B		15%	19.90%	133%





# REGIONAL DEVELOPMENT





## NATIONAL CAPITAL REGION

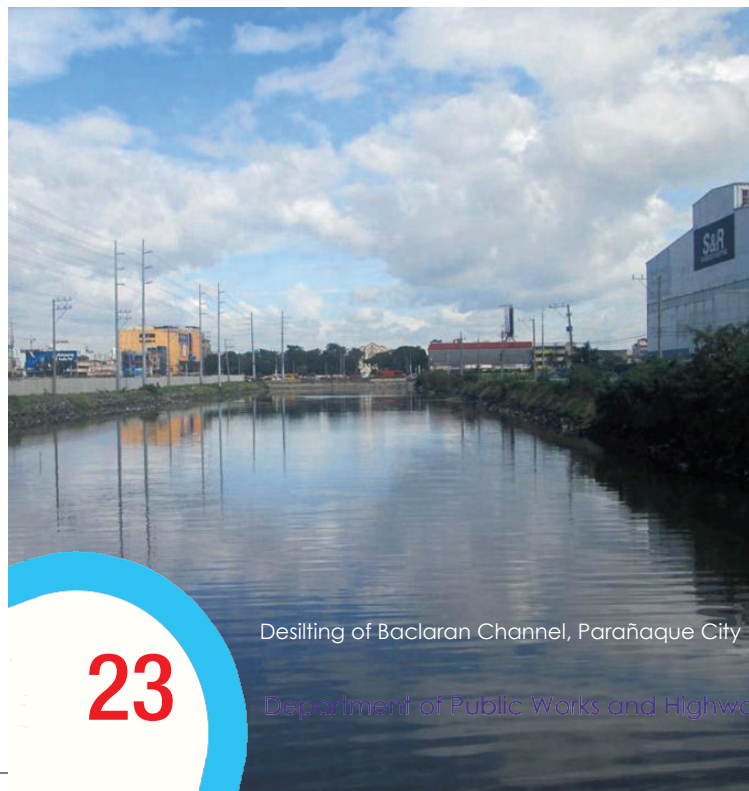
The DPWH, through the NCR as manager for asset preservation, ensures at all times a well maintained and safe infrastructure at par with international standards. Maintenance Division and the District Maintenance Section had contributed its own share in the repair and maintenance of national roads and bridges in Metro Manila.



Libingan ng mga Bayani Road

### Major Completed Projects

For 2014, NCR completed the construction of Tipas-Napindan C-6 (DPWH CY - 2011), costing P67.691 M; Lambingan Bridge, along Gov. Pascual Avenue (DPWH CY - 2012), costing P68.960 M; Rizal Technological University (DPWH CY - 2013), costing P250.00 M; Amparo Elementary School, Caloocan City (1BEF CY - 2013), costing P70.680 M; and Em's Signal Village Elementary School, Taguig City (1BEF CY - 2013), costing P80.514 M.



Desilting of Baclaran Channel, Parañaque City



Parañaque River Diversion Channel, Moonwalk, Parañaque City



## STATUS OF PROJECTS

FUND SOURCE	PROGRAMMED AMOUNT (Php'000)	TOTAL NO. of ACTIVE PROJECTS
Preventive maintenance based on Pavement Management System/Highway Development and Management-4 (HDM-4) (Intermittent Section)-National Arterial Roads	38,241.0	1
Preventive maintenance based on Pavement Management System/Highway Development and Management-4 (HDM-4) (Intermittent Section)-National Secondary Roads	928,998.0	81
Rehabilitation/Reconstruction/Upgrading of Damaged Paved National Roads including drainage based on Pavement Management System/Highway Development Management-4 (HDM-4) (Intermittent Section)-National Arterial Roads	105,227.0	6
Rehabilitation/Reconstruction/Upgrading of Damaged Paved National Roads including drainage based on Pavement Management System/Highway Development Management-4 (HDM-4) (Intermittent Section)-National Secondary Roads	909,253.0	71
Drainage Protection Works along National Roads	75,000.0	6
Widening of National Roads-National Arterial Roads	1,154,352.5	7
Widening of National Roads-Secondary Roads	2,444.6	1
Off-Carriageway Improvement (Paving of shoulders, loading & unloading bays)	13,104.0	2
Rehabilitation/Reconstruction/Replacement/Retrofitting of Existing Permanent Bridges	80,920.0	5
Major Repair/Maintenance of Existing Permanent Bridges	7,000.0	3
Construction/Maintenance of Flood Mitigation Structures and Drainage Systems	4,440,133.9	228
Construction/Maintenance of Flood Mitigation Facilities along Major River Basins	100,000.0	2
Construction/Maintenance of Water Supply/Septage and Sewerage/Rain Water	4,984.8	12
Various Infrastructure including Local Project	1,112,383.0	80
Local Infrastructure Program	916,000.0	171
<b>TOTAL</b>	<b>9,885,041.9</b>	<b>676</b>

McArthur Highway, Valenzuela City



# CAR

DPWH-CAR has an actual accomplishment of 55.38 % for the CY 2014 Infrastructure Projects. These are: Road and Bridges Category with 188 programmed projects, 108 projects were completed, 76 are on-going and four (4) are not yet started projects; Flood Control and Drainage Structures Category with five (5) programmed projects, three (3) were completed and two (2) are on-going; Water System Category, one (1) programmed project was completed; Elementary School Category, 1 programmed school was completed. For the Other Structures Category, there are 26 programmed Multi-Purpose Buildings, 11 projects are completed, 14 are on-going and one (1) not yet started.

There are 233 projects programmed at P6,720 Million. From this, 136 projects with the programmed amount of P848,571 Million are completed for 55.38% accomplishment. 92 projects programmed at P5,597 Million are on-going and five (5) projects programmed at P274,123 Million have not yet started.

Banaue-Hungduan Boundary Road



Apayao - Calanasan Road

For 2014, CAR completed the construction of Kabugao, Apayao-Solsona, Ilocos Norte Road, Apayao Side, costing P89,088 M; Claveria-Calanasan-Kabugao Road, costing P72,778 M; Road Upgrading (gravel to concrete) of Balbalan-Pinukpuk Road, Pinukpuk, Kalinga costing P61,826 M; Mountain Province -Ilocos Sur via Tue Road costing P119,748 M; Ibulao-Julongan Road, Kiangon costing P135,100 M; Balbalan-Pinukpok Road, costing P189,680 M; Dalican-Batad Road, Banawe, costing P86,243 M; Kibungan-Kapangan-Ambongdolan-(Tuel) Tublay-(Alno) La Trinidad Road, costing P96,499 M; Acop- Kapangan-Kibungan-Bakun Road with exceptions, costing P134,257 M; Acop-Kapangan-Kibungan-Bakun Road with exceptions, costing P135,097 M.

The region also completed the Ballay-Tabio-Tonoman-Bulalacao Road (Bulalacao Lake), Kabayan, costing P67,550 M; Junction-Talubin-Barlig-Natonin-Paracelis-Callacad Road, costing P148,639 M; Claveria-Calanasan-Kabugao Road, costing P73,157 M; Claveria-Calanasan-Kabugao Road, costing P144,750 M; Kabugao, Apayao-Solsona, Ilocos Norte Road, costing P123,037 M; Sabangan-Sagada Road, costing P95,713 M; Shilan-Beckel Road costing P50,729 M; Gurel-Bokod-Kabayan-Buguias-Abatan Road costing P144,719 M; Banaue-Hungduan-Benguet Boundary Road costing P154,906 M; Banaue-Mayoyao-A Lista-Isabela Bdry Road costing P108,140 M; Banaue-Mayoyao-A Lista-Isabela Boundary Road costing P139,700 M; and the Kabugao-Pudtol-Luna-Cagayan Boundary Road costing P167,836 M.



Baguio Circumferential Road



## REGION I



Urdaneta-Pozzurubio-Sison Section, Pangasinan

The Department of Public Works and Highways has continuously developed the road to Ilocos Region with the construction, improvement and rehabilitation of its roads and bridges.

For CY 2014, DPWH Region I Regular Infrastructure Program has a programmed amount of PhP 5,989,802 for the implementation of 369 various infrastructure projects such as roads, bridges, buildings, including flood control and drainage structures. Out of the 369 projects, 225 are completed for the year categorized as follows:

Highlighting the 2014 accomplishment is the completion of roads to declared tourism destinations. The Bangrin Mangrove Road leading to Bangrin Marine Protected Area in Bani, Pangasinan serves also as a farm-to-market road for the farmers and fisher folks who live in the three barangays (San Jose, Luac, and Aporao). Some road sections of the road line are in-between fish ponds and rice plantation.

FUND SOURCE	Number of Completed Project
Preventive Maintenance based on Pavement Management System / Highway Development and Management 4 (HDM-4); Intermittent Sections-National Secondary Roads	22
Rehabilitation/Reconstruction/Upgrading of Damaged Paved National Roads including drainage based on HDM-4;Intermittent Sections-National Secondary Roads	17
Drainage protection works along the national roads	28
Widening of national roads along national arterial	7
Widening of national secondary roads	6
Construction of Missing Gaps, New Roads	1
Road upgrading (unpaved to paved) based on gravel road strategies, traffic benchmark for upgrading to paved road standards (HDM-4 Project Analysis) intermittent sections on national roads	7
Rehabilitation/reconstruction/replacement and retrofitting of existing permanent bridges.	7
Widening of Permanent Bridges	1
Construction of Bridges	3
Local Infrastructure Program	106
Construction and Maintenance of flood mitigation facilities along the principal rivers in the region	7
Construction and rehabilitation of water supply/ septage and sewerage and rain water.	9
Construction/Improvement of Access Roads leading to declared Tourism Destinations	4

Other completed access roads leading to different beaches in Pangasinan such as the Bobonot-Tambobong Road in Dasol, and Poblacion-Patar Road in Bolinao, Pangasinan also the Pancian-Pagudpud-Adams Road leading to the different waterfalls in Adams, Ilocos Norte.

In quest for public service all the accomplishment for 2014 were done hand in hand by the officials and employees of the DPWH Region I.



Villamil Bridge, Calasiao, Pangasinan





Lingayen-Binmaley Road, Pangasinan



Guelew Integrated School, Brgy. Guelew, San Carlos City, Pangasinan



San Nicolas Highwater Revetment

Specifically, Region I in 2014 completed the reconstruction of Baruyen Bridge along Manila North Road, Bangui, Ilocos Norte (DPWH CY-2012), costing P69.306 M; Banban Bridge along Manila North Road (DPWH CY-2013), costing P108.217 M; Construction of Laoag City By-Pass Road (TRDE CY-2013), costing P68.599 M; Cervantes-Quirino Road (DPWH CY-2013), costing P75.217 M.

The Region also completed the construction of Ground Sill across Abra River Downstream of Aluling Bridge, Cervantes (FMSD CY-2014), costing P79.137 M; Rosario-Pugo Rd (UPSR CY-2014), costing P84.456 M; Pangasinan-Tarlac (Mangatarem-Aguilar Section), (DPWH CY-2012), costing P171.598 M; Bangrin Mangrove Access Road, Bani, Pangasinan (TOUR CY-2013) 61,527.2; Access Road to Alaminos Airport (AIRP CY-2013), costing P63.733 M; and the Napudot Road, Balungao, Pangasinan (TOUR CY-2013), costing P84.882 M.

It has also completed the widening of San Nicolas-San Quintin-Umingan-Guimba Road (TRDE CY - 2013), costing P51.474 M; Binalonan-Pozorrubio-Sison Sect, costing P137.993 M; Bobonot-Tambobong Road leading to Tambobong Beach (TDTD CY-2014), costing P88.955 M; Urdaneta Jct-Dagupan-Lingayen Rd (UPAR CY-2014), costing P50.985 M; Uyugan-Mahatao Interior Road (DPWH CY-2012), costing P 84.459 M.



## REGION II

In CY 2014, Region II completed projects under the Departments' infrastructure program concomitant to the goal for a 100% paved national arterial roads and national secondary roads by CY-2016. Furthermore, upgrading/rehabilitation of arterial/secondary roads and new construction/completion of unfinished/on-going bridges were prioritized.

The allotment received for CY-2014 is Php 5.586 B. Out of this allocation, a total of 218 infrastructure facilities with the actual amount of Php 4.148 B were completed as December 31, 2014.

Responding to the necessity of classrooms because of the increasing number of student population, the DPWH constructed 186 School buildings throughout the region amounting to P284.375 M under the DepEd Schoolbuilding Program. The completion of these projects is in fulfillment of the commitment of the national leadership to improve the educational facilities of the children in the impoverished barangays.

The DPWH Region II likewise implemented flood control structures and other disaster related projects in response to the urgent needs of the local population in times of calamities. These projects will avert or mitigate the continuous erosion of vast tracts of agricultural lands by the mighty Cagayan River.

For 2014, Region II completed the construction of Magapit-Sta. Ana Road, Magapit-Mission Jct. Section, Cagayan, costing P437.815 M; Construction of Tanangginet-1 River Control, & Tanangginet-2 River Control, Baggao, costing P93.295 M; the Cagayan River Basin, Cagayan Valley, costing P94.400 M; Lucban Bridge along Manila North Road, costing P140.582 M; Namuac Bridge along Manila North Road, Cagayan, costing P71.332 M; Dugo-San Vicente Road, Camalaniugan, Cagayan costing P52.161 M; Lullutan Bridge and Delfin Albano-Mallig Road, costing P772.924 M; the reconstruction of Minanga Bridge along Naguilian-San Mariano Road costing P124.948 M; and the Junction Ipil-Quirino Boundary Road, costing P58.572 M.

The Region has also completed in 2014 the construction of Daang Maharlika costing P87.879 M; the preventive maintenance on National Arterial Road, Naguilian-San Mariano Road, costing P62.903 M; Aritao-Quirino Road costing P102.738 M; Nueva Vizcaya-Pangasinan Road costing P91.978 M; Aritao-Quirino Rd costing P94.684 M; Jct Victoria-Maddela-Alicia-Kasibu Bdry Road costing P74.549 M; Cordon-Aurora Bdry Road (Jct Dumabato-Aurora Bdry) costing P69.103 M; Jct Victoria-Maddela-Alicia-Kasibu Bdry Road costing P178.834 M; Cordon-Aurora Bdry Rd (Jct Dumabato-Aurora Bdry) costing P61.138 M; Cordon-Aurora Bdry Rd (Isabela Bdry-Jct Dumabato) costing P68.070 M; and the construction/rehabilitation of Dalton Pass, Nueva Vizcaya and its alternate road, costing P386.800 M.

Ninoy Aquino Bridge, Tuao, Cagayan



2014 HIGH IMPACT INFRASTRUCTURE PROJECTS	Allocation ('000)	a) Start Date b) Completion Date	Accomplishment
1. Cabagan-Sta. Maria Bridge Along Cabagan-Sta Maria Road, Cabagan, Isabela	500,000.00	a) Nov. 25, 2014 b) May 12, 2017	8.00%
2. Lucban Bridge Along Manila North Road, Abulug, Cagayan	294,000.00	<b>a) Mar 18, 2014 b) Dec 17, 2015</b>	70.07%
3. Nueva Vizcaya-Pangasinan Rd - K0219+764 - K0221+148.393, K0221+919.635 - K0221+992.82, K0222+257.635 - K0224+209.863, K0225+503 - K0226+123.5 & K0228+350.50 - K0229+050	153,875.00	a) Mar 24, 2014 b) Aug 1, 2015	29.86%
4. Jct. Victoria - Maddela - Alicia - Kasibu Bdry Rd (Jct Ba) - K0381+580.5 - K0382+000, K0384+120 - K0384+374.3, K0386+000 - K0390+020, K0390+502 - K0390+716.3, K0390+750 - K0392+771	169,005.00	a) Apr 28, 2014 b) May 18, 2015	33.48%
5. Jct Abbag-Gingin Bdry Rd - K0396+226.20 - K0397+213.35, K0407+(-880) - K0408+149.78 W/E, K0445+4246 - K0451+750w/E	152,815.00	a) Apr 25, 2014 b) Feb 23, 2015	47.70%
TOTAL ALLOCATION			



Uyugan-Mahatao Road, Batanes



Tuguegarao City Bypass Road



Cordon-Diffun-Madella-Aurora Boundary Road



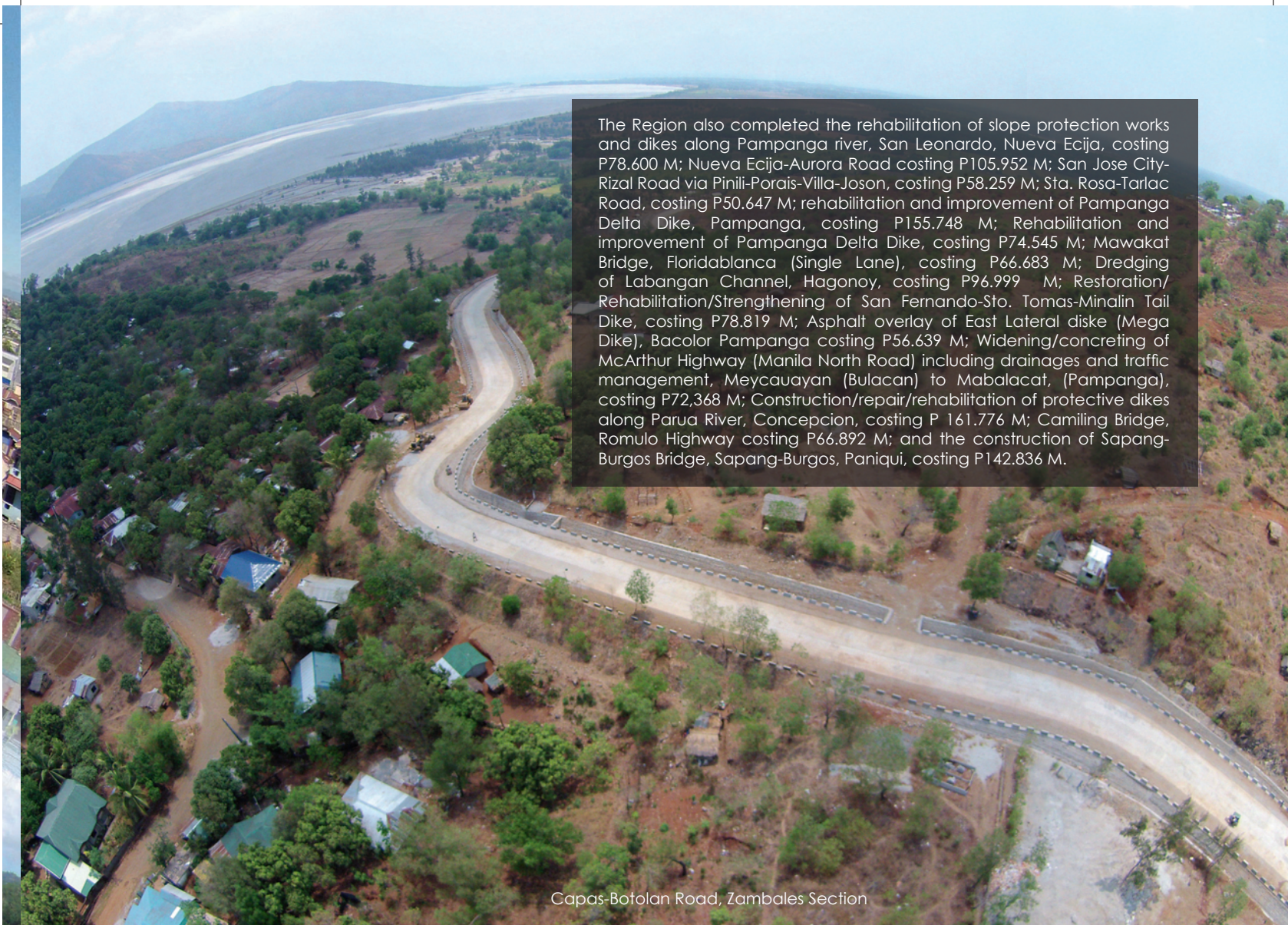
## REGION III

Obando Flood Control Project, Bulacan

In 2014, Region III completed the construction of Roman Expressway, costing P150.409 M; Camacho Bridge along Jct. Layac-Balanga-Mariveles Port Road costing P69.707 M; Roman Expressway costing P85.655 M; Gapan-San Fernando-Olongapo Road, Bataan, costing P67.730 M; the construction of revetments in Barangays Mercado, Sto. Rosario, Sta. Monica, San Nicolas, Sto. Niño, San Agustin and San Sebastian, Hagonoy, costing P71.713 M; widening/concreting of McArthur Highway (Manila North Road) including drainages and Traffic Management, Meycauayan (Bulacan) to Mabalacat, (Pampanga) (Intermittent Sections), costing P77.197 M; and the widening/concreting of McArthur Highway (Manila North Road) including drainages and Traffic Management, Meycauayan (Bulacan) to Mabalacat, (Pampanga) costing P85.334 M.

Nueva Ecija-Aurora Road





The Region also completed the rehabilitation of slope protection works and dikes along Pampanga river, San Leonardo, Nueva Ecija, costing P78.600 M; Nueva Ecija-Aurora Road costing P105.952 M; San Jose City-Rizal Road via Pinili-Porais-Villa-Joson, costing P58.259 M; Sta. Rosa-Tarlac Road, costing P50.647 M; rehabilitation and improvement of Pampanga Delta Dike, Pampanga, costing P155.748 M; Rehabilitation and improvement of Pampanga Delta Dike, costing P74.545 M; Mawakat Bridge, Floridablanca (Single Lane), costing P66.683 M; Dredging of Labangan Channel, Hagonoy, costing P96.999 M; Restoration/Rehabilitation/Strengthening of San Fernando-Sto. Tomas-Minalin Tail Dike, costing P78.819 M; Asphalt overlay of East Lateral dike (Mega Dike), Bacolor Pampanga costing P56.639 M; Widening/concreting of McArthur Highway (Manila North Road) including drainages and traffic management, Meycauayan (Bulacan) to Mabalacat, (Pampanga), costing P72.368 M; Construction/repair/rehabilitation of protective dikes along Parua River, Concepcion, costing P 161.776 M; Camiling Bridge, Romulo Highway costing P66.892 M; and the construction of Sapang-Burgos Bridge, Sapang-Burgos, Paniqui, costing P142.836 M.

Capas-Botolan Road, Zambales Section



Manila North Road Widening, Gerona Section, Gerona, Tarlac

Region III also completed in 2014 the construction of Concepcion-La Paz Road, costing P92.841 M; Tagumbao Bridge and Approaches along Gerona - Sta. Ignacia Road, Gerona, Tarlac costing P226.266 M; Upgrading/Improvement of McArthur Highway along, Meycauayan, Marilao, Malolos, Calumpit Sections, Bulacan costing P170.740 M; construction of Tagumbao Bridge and Approaches along Gerona-Sta. Ignacia Road, Gerona, Tarlac costing P119.715 M; Widening/concreting of McArthur Highway (Manila North Road) including drainages and Traffic Management, Meycauayan (Bulacan) to Mabalacat, (Pampanga) (Intermittent Sections), costing P50.414 M; Capas-Botolan Road costing P55.394 M; Concepcion-Capas Rd, costing P 54.856 M; Widening/concreting of McArthur Highway (Manila North Road) including drainages and Traffic Management, Meycauayan (Bulacan) to Mabalacat, (Pampanga) (Intermittent Sections), costing P258.765 M; Widening/Improvement of Manila North Road including Drainage System, Paniqui-Moncada, San Manuel, Tarlac, costing P50.167 M; and the rehabilitation/Improvement of Pampanga Delta Dike, (Left and Right), costing P155.359 M.



Tarlac National Highschool Annex, San Miguel, Tarlac City



Meycauayan River Flood Control Project



## REGION IV-A

The province of Cavite, Laguna, Batangas, Rizal and Quezon which comprise the Calabarzon is one of the most diverse tourist destination in the southern part of Luzon.

Within its area of jurisdiction is a total of 2,507.763 kilometers of national roads, wherein 1,127.025 kilometers is classified as national arterial road and 1,380.738 kilometers is secondary road.

Major projects undertaken by the Regional Office for the year 2014 were focused largely on rehabilitation and asset preservation of roads. These projects were as follows: asphalt overlay of Antipolo-Teresa-Morong Road, Marikina-Infanta Road, Marikina Valley-Antipolo Road, and Sumulong Highway in Rizal Province; asphalt overlay of Daang Maharlika Road, Calamba City; asphalt overlay with concreting along Cavite-Batangas Road and Tagaytay-Manila Road via Silang Road (Brgy.Buho to Rotunda, Tagaytay City) in Cavite Province.

Construction projects completed are the following: Bacoor District Hospital, Bacoor City (1HFP CY-2013), costing P 52.522 M; Alaminos-Lipa Road (PVM CY-2013), costing P84.162 M; Daang Maharlika (APAR CY-2014), costing P60.167 M; Road Upgrading (Gravel to Paved) of Mauban Tignoan Road (DPWH CY - 2013), costing P62.172 M; Marikina-Infanta Road (APAR CY-2014), costing P74.171 M; Marikina-Victoria Valley-Antipolo Road (APSR CY-2014), costing P56.804 M; and the construction/Road Opening of Lobo-Malabrigo-Laiya-San Juan Road, Lobo, San Juan, Batangas (DPVI CY-2012), costing P67.091 M.



Governor's Drive Bridge, Dasmariñas, Cavite



Zero Potholes/Maintenance of Quirino Highway - the only gateway to Bicol and Visayas Regions

Department of Public Works and Highways



## REGION IV-B

Regional Office IV-B serves the MIMAROPA Region, known as Southern Tagalog Islands Provinces. MIMAROPA consists of the provinces of Occidental Mindoro, Oriental Mindoro, Marinduque, Romblon, and Palawan.

The Office is comprised of eight (8) District Engineering Offices. The total area of jurisdiction of Region IV-B is reported at 2,285.085 kilometers of national roads and 619 bridges. About 1,296.50 kilometers are classified as national arterial roads (56.74%) and 988.435 kilometers are considered national secondary roads (43.26%).

DPWH Region 4-B has committed to implement a total of 269 projects (excluding Maintenance and Other Operating Expenses) for CY 2014 Infrastructure Program with a total allocation of P6.754B. Infrastructure projects for CY 2014 include 225 projects for roads (highways and bridges), and 44 flood control and drainage projects. As of December 31, 2014, the Region has reported an accomplishment of 66.92%.

- Road upgrading (gravel to paved) of Puerto Princesa South Road Aborlan Section, Sta. 67+272 – Sta. 77+021 w/exception, Aborlan, Palawan
- Marinduque Circumferential Rd, K0094+285 – K0094+605.6; K0095+096 – K0095+314.2; K0095+386 – K0095+908.10
- Construction of Flood Control Projects Alag River Control, Baco, Oriental Mindoro
- Replacement of Bridge, Temporary to Permanent, Papandayan I Bridge, Pinamalayan, Oriental Mindoro
- Widening of Calapan South Road K0005+415-K0007+178 Tawiran Section, Calapan City, Oriental Mindoro
- Reconstruction/Rehabilitation of damaged national roads at Calapan South Road
- Replacement/Improvement of Sabang Bridge approaches along Tigwi-Dampulan-Lipata-Yook-Buenavista Road, Buenavista, Marinduque
- Upgrading of Tigwi-Dampulan-Lipata-Yook-Buenavista Road, Buenavista, Marinduque
- Replacement of Binalabag Bridge II, Coron, Palawan
- Construction of drainage/slope protection along PPNR, Palawan
- Road upgrading Irawan-Tagburos Road, Puerto Princesa City
- Construction of San Jose National High School, Puerto Princesa City
- Construction of Alacaak Bridge & Approaches along Crossing Mindoro West Coast Road (Pola)-Casague, Sta. Cruz, Occidental Mindoro
- Construction of Casague Bridge & Approaches along Mindoro West Coast Road, (Pola)-Casague, Sta. Cruz, Occidental Mindoro



Tigwi - Dampulan - Lipata - Yook - Buenavista Road



Junction Napsan-Apurawan Road, Puerto Princesa South Road



Calapan South Road



## REGION V

DPWH Region V, together with the fifteen (15) District Engineering Offices, has facilitated the delivery of the much needed infrastructure services to Bicolanos.

For CY-2014, Region V has a total allocation of P 9.19 billion under the DPWH Infra Program corresponding to a total of 422 projects that includes roads and bridges, flood control and drainage, water system, school buildings, national buildings and other public infrastructure projects. The big chunk of the allocation was mainly for the construction and rehabilitation of roads and bridges.

The total year-end accomplishment of Current Infrastructure Program is 60.95% with the school buildings and water system having the biggest accomplishment among the other categories.

One (1) of the remaining not yet started projects is ready for implementation while others are still under the pre-construction activities due to the delayed pre-detailed engineering activities.

Aside from the current infra program, DPWH Region V also implemented carry-over projects under CY-2013, CY-2012 and CY-2011 Infra Program.

For CY-2013 carry-over projects, the total year-end accomplishment is 97.04% with one (1) remaining not yet started (NYS) project under perfection of contract.

For CY-2012 carry-over projects, the total year-end accomplishment is 97.94% with nine (9) on-going projects and one (1) remaining NYS project that is under MOA with LGU and ready for implementation.

For CY-2011 carry-over projects, the total year-end accomplishment is 94.81% with two (2) remaining on-going projects.

Region V also implemented projects that were not included in the DPWH Regular Infra Program. These projects are generally termed as Outside Infra Projects. For CY-2014, outside infra program includes DepEd School Buildings, Health Facilities Enhancement Program, MVUC Projects, Trust Fund (projects funded by other government agencies implemented by the DPWH which covers farm-to-market road projects, construction/repair/rehabilitation of senior citizen center, construction of school buildings, repair of government buildings, etc), Department of Tourism, Disaster Related Rehabilitation Projects and Maintenance and Other Operating Expenses projects.

The total year-end accomplishment for CY 2014, CY-2013, CY-2012 and CY-2011 Outside Infra Program is 40.61%, 94.42%, 99.34% and 99.77% respectively. Eighty-eight (88) of the remaining NYS projects had notice to proceed and ready for implementation, one hundred three (103) were under pre-construction activities, twenty-one (21) were under PDE, four (4) were for deletion due to lack of fund and duplication, six (6) were under MOA with LGUs, while the allocation of fourteen (14) NYS projects will be returned to Central Office due to the Supreme Court's declaration of unconstitutionality of Priority Development Assistance Priority Development Assistance Fund or PDAF projects.

The inventory of national roads per Road and Bridge Information Applications (RBIA) Data has a total national road length of 2,344.405 km, out of which 1,132.439 is Arterial and 1,211.966 km is Secondary. It was noted that the road length increase in 2013 is due to the newly converted roads in Camarines Norte and Masbate 2nd Legislative District.

As of 2014 the Region's National road is 90.60% paved corresponding to a total length of 2,124.145 km and the remaining unpaved is 9.40%, equivalent to 220.26 km. For year 2014, the Region has paved 76.795 km and from year 2010 up to 2014 the Region had accrued 256.425 km paved roads.

For the national arterial road, 94.30% equivalent to 1,067.863 km is already paved and the remaining 5.70% equivalent to 64.576 km is unpaved. These remaining unpaved sections are funded under the CY 2014 GAA (Locally funded and Foreign-assisted) and the FY 2015 DPWH Budget.

For the National Secondary road, 87.15% equivalent to 1,056.282 km is paved and the remaining 12.85% equivalent to 155.684 km is unpaved. Out of the 155.684 km unpaved section, about 42 km is funded in CY 2014 GAA and under the FY 2015 DPWH Budget the programmed length is 39 km and the remaining length of about 75 km will be proposed for completion by year 2016 and beyond, including the newly converted road in CY 2011.



Andaya Highway, Camarines Sur



Paturok Bridge, Catanduanes





Bacon-Sawanga-Prieto Diaz Road, Sorsogon

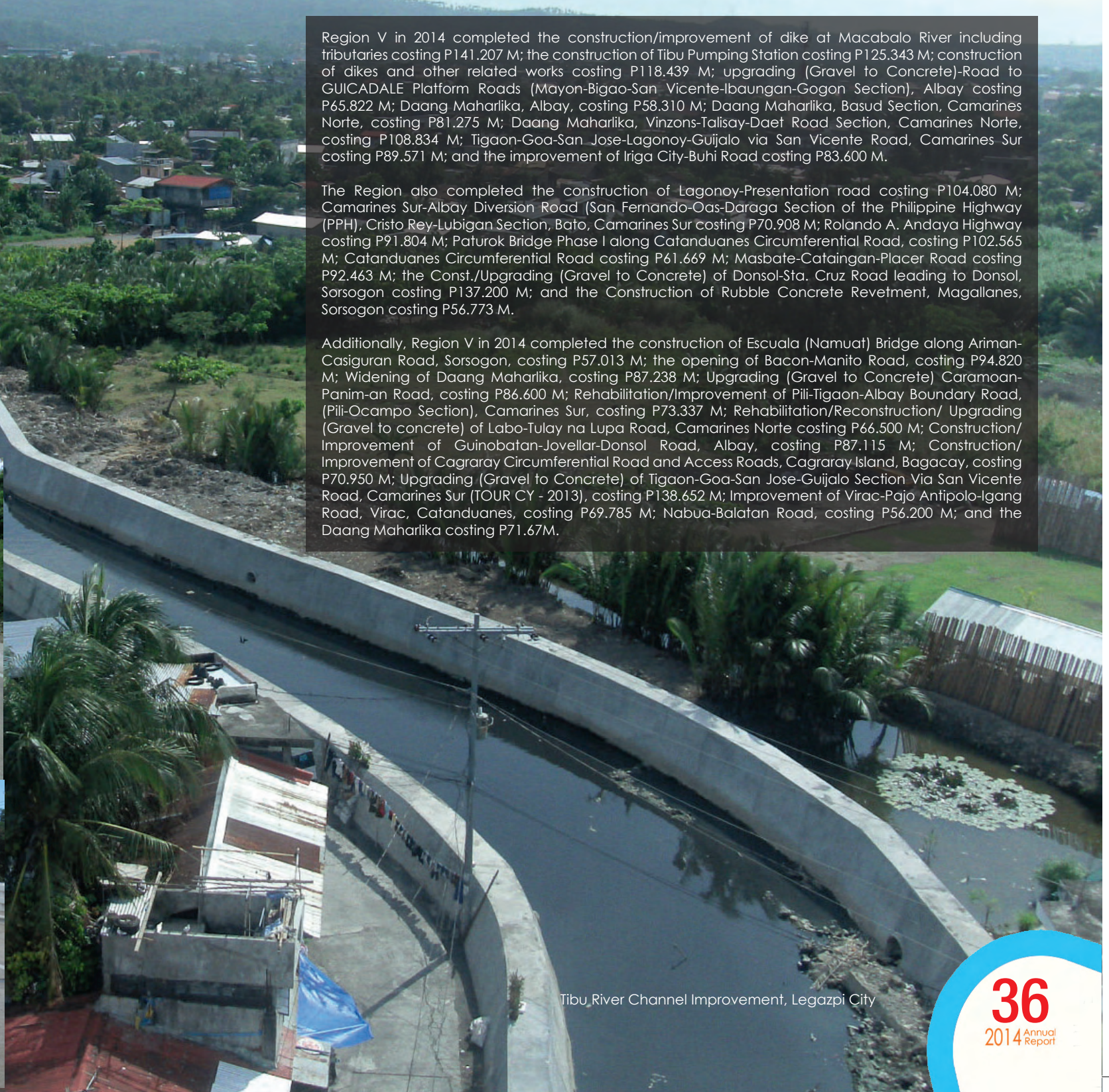


Masbate-Cataingan-Placer Road, Masbate

Region V in 2014 completed the construction/improvement of dike at Macabalo River including tributaries costing P141,207 M; the construction of Tibu Pumping Station costing P125,343 M; construction of dikes and other related works costing P118,439 M; upgrading (Gravel to Concrete)-Road to GUICADALE Platform Roads (Mayon-Bigao-San Vicente-Ibaungan-Gogon Section), Albay costing P65,822 M; Daang Maharlika, Albay, costing P58,310 M; Daang Maharlika, Basud Section, Camarines Norte, costing P81,275 M; Daang Maharlika, Vinzons-Talisay-Daet Road Section, Camarines Norte, costing P108,834 M; Tigaon-Goa-San Jose-Lagonoy-Guijalo via San Vicente Road, Camarines Sur costing P89,571 M; and the improvement of Iriga City-Buhi Road costing P83,600 M.

The Region also completed the construction of Lagonoy-Presentation road costing P104,080 M; Camarines Sur-Albay Diversion Road (San Fernando-Oas-Daraga Section of the Philippine Highway (PPH), Cristo Rey-Lubigan Section, Bato, Camarines Sur costing P70,908 M; Rolando A. Andaya Highway costing P91,804 M; Paturok Bridge Phase I along Catanduanes Circumferential Road, costing P102,565 M; Catanduanes Circumferential Road costing P61,669 M; Masbate-Cataingan-Placer Road costing P92,463 M; the Const./Upgrading (Gravel to Concrete) of Donsol-Sta. Cruz Road leading to Donsol, Sorsogon costing P137,200 M; and the Construction of Rubble Concrete Revetment, Magallanes, Sorsogon costing P56,773 M.

Additionally, Region V in 2014 completed the construction of Escuela (Namuat) Bridge along Ariman-Casiguran Road, Sorsogon, costing P57,013 M; the opening of Bacon-Manito Road, costing P94,820 M; Widening of Daang Maharlika, costing P87,238 M; Upgrading (Gravel to Concrete) Caramoan-Panim-an Road, costing P86,600 M; Rehabilitation/Improvement of Pili-Tigaon-Albay Boundary Road, (Pili-Ocampo Section), Camarines Sur, costing P73,337 M; Rehabilitation/Reconstruction/ Upgrading (Gravel to concrete) of Labo-Tulay na Lupa Road, Camarines Norte costing P66,500 M; Construction/ Improvement of Guinobatan-Jovellar-Donsol Road, Albay, costing P87,115 M; Construction/ Improvement of Cagraray Circumferential Road and Access Roads, Cagraray Island, Bagacay, costing P70,950 M; Upgrading (Gravel to Concrete) of Tigaon-Goa-San Jose-Guijalo Section Via San Vicente Road, Camarines Sur (TOUR CY - 2013), costing P138,652 M; Improvement of Virac-Pajo Antipolo-Igang Road, Virac, Catanduanes, costing P69,785 M; Nabua-Balatan Road, costing P56,200 M; and the Daang Maharlika costing P71.67M.



Tibu River Channel Improvement, Legazpi City



## REGION VI

DPWH Region VI has completed a total of 145.09 kilometers of roads and 3,858.90 lineal meters of bridges valued at P2.901 Billion and P385.890 Million, respectively.

In addition, the region has completed the following: 44 projects under Flood Control/Drainage Systems in the amount of P593.014 Million; 5 projects under Various Infrastructure including Local Projects (VILP) in the amount of P108.800 Million; 158 projects under RLIP (Local Infrastructure Program) in the amount of P503.300 Million; 5 projects under Water Supply/Sewerage in the amount of P7.500 Million; and 2 projects from various special allotment release order from engineering and administrative overhead expenses in the amount of P8 Million.

DPWH Region VI has a total of 489 projects in various provinces in the region with the total allocation of P12.223 Billion.

In the province of Aklan, a total of 29 projects were programmed in the amount of P1.101 Billion. At the end of the year, 19 projects were completed and the remaining 10 are currently on-going.

The province of Antique has 20 programmed projects in the amount of P686.662 Million, 16 projects were completed while 4 are on-going.

In the province of Capiz, which is composed of two District Engineering Offices, a total of 43 projects were programmed in the amount of P1.161 Billion. At the end of the year, 28 projects were completed and 15 are on-going.

Guimaras province has 345 programmed projects with the total allocation of P618.248 Million. At the end of the year, 31 projects were completely implemented while the remaining 3 are on-going.

Among the 5 provinces in Region VI, Iloilo got the highest allocation for 2014 in the amount of P5.189 Billion, which corresponds to 205 projects in 5 District Engineering Offices including Iloilo City. At the end of the year, 147 projects were completed while 57 are on-going and the remaining 1 has not yet started.

The province of Negros Occidental which includes Bacolod City has 489 programmed projects in the amount of P3.465.295 Billion. 133 of these projects were completed at the end of the year while the remaining 25 are on-going. Catanduanes Circumferential Road.



Iloilo Circumferential Road

In 2014, Region VI completed the construction of Kalibo Bridge along Aklan East Road, Aklan, costing P83.225 M; Atabay-Inabasan Road costing P58.391 M; Roxas City Circumferential Road, costing P95.159 M; Culasi-Libas Bridge, costing P143.497 M; Upgrading (Gravel to concrete) of Road from Ulalo to Brgy. Tabun-acan leading to Hinulgan Falls, Pilar, Capiz, costing P94.884 M; Iloilo-Capiz Road (New Route), costing P60.288 M; Roxas City Circumferential Road (including Bridge and approaches), Panay Bridge costing P75.199 M; rehabilitation/reconstruction/upgrading of Mianay-Duyoc-Calaan-Panit-an Road and Roxas Bdry-Panit-an-Baylan Road, costing P55.987 M; and the widening of Guimaras Circumferential Road, Guimaras Lone District, costing P55.463 M.

Region VI also completed, in 2014, the widening/improvement of Benigno C. Aquino Avenue (Iloilo-Jaro-Diversion Road) to Iloilo City-Pavia Road, Iloilo City, costing P87.945 M; construction of Iloilo Convention Center, Iloilo Business Park, Brgy. Airport, Manduriao, Iloilo City costing P97.00 M; Construction of Jar-ao River Control, Guimbal costing P65.555 M; construction of Iloilo Convention Center, Iloilo Business Park, Brgy. Airport, Manduriao, Iloilo City costing P197.690 M; Iloilo bridge along Iloilo-Jaro Diversion Road, Iloilo City, costing P79.970 M; Asphalt overlay/rehabilitation of Iloilo-Antique Road (Molo-Arevalo Church Section), Iloilo City, costing P65.240 M; Upgrading (gravel to concrete)/widening/improvement of Iloilo City-Tacas Road, costing P61.302 M; Widening/Concreting of Iloilo-Antique Road, with exceptions, costing P63.189 M; Widening / Improvement of the Benigno Aquino, Sr. National Road (Diversion Road), Iloilo City, costing P88.594 M; and the Guimbal-Igbaras-Tubungan-Leon Road costing P91.298 M.

Mianay-Duyoc-Calaan Road, Panit-an, Capiz





The Region also completed the construction of Leganes-Sta. Barbara Road leading heritage sites, Iloilo City, costing P50,508 M; Iloilo Circumferential Road (C-1), Iloilo City-Jct. Iloilo-Antique Road to Jct. Iloilo-San Miguel National Road costing P80,576 M; Iloilo Circumferential Road costing P292,598 M; Bacolod-Kabankalan Road, Bacolod-Bago Section, costing P340,599 M; Construction of access Road for Himogaan Bridge, Bacolod North, Sagay City, costing P115,211 M; Improvement/widening of Bacolod-Murcia-Don Salvador Benedicto-San Carlos City Road, costing P189,980 M; Bacolod South Road (Kabankalan-Hinobaan Section), Negros Occidental, costing P64,095 M; Silay-Lantawan Road, Negros Occidental, costing P89,350 M; Upgrading (gravel to concrete) of Access Road to Patag Valley, Silay City, costing P85,875 M; Dancalan-Candoni-Damutan Valley Road, Negros Occidental, costing P91,431 M; Candoni - Sipalay Road, Negros Occidental, costing P77,593 M; Bacolod -City Boundary Road, costing P57,300 M; Kabankalan Junction Salong-Tapi-Dacongogon-Bantayan Road, costing P167,388 M; National Roads Improvement and Management Project, Phase II, Bacolod-Kabankalan Road and Improvement/Widening/Concreting of Bacolod South By-pass Road (Intermittent Sections), with a total length of 4.871 km., costing P63,172 M.

Additionally, Region VI completed, in 2014, the concreting of the Bacolod-Silay Airport Access Road (BSAAR) Extension, charged against the allocation for the Bacolod (Silay) Airport Access Road, Negros Occidental, costing P65,478 M; Construction of Flood Control Structure and Drainage System, Negros Occidental 3rd LD - Silay City, costing P50.00 M; Sum-ag-Abuanan Road, costing P52,661 M; Access Road leading to The Ruins, Talisay City, Negros Occidental, costing P50.00 M; Bacolod South Road, costing P66,669 M; and the widening of Jaro-Leganes-Zarraga Road, costing P91,130 M.



Iloilo Bridge, Iloilo



## REGION VII

For the year 2014, DPWH Region VII has an allocation of PhP 7.077 billion for its regular infrastructure program. Priorities are on asset preservation, network development, road upgrading, construction and maintenance of bridges, flood control and drainage, access roads and other various local infrastructure. Preserving the huge investment of the government on road infrastructures got the biggest share of PhP 1.941 Billion or 27.43% of the whole budget while construction of access roads leading to seaports and tourism destination comes second with an allocation of PhP 1.281 Billion or 18.10% share.

## ACCOMPLISHMENTS

### A.CONSTRUCTION PROJECTS

A.1 Regular Infrastructure Program-Additional funds were made available on top of the regular budget for DPWH Region VII resulting to a total of 469 projects worth PhP 7.409 Billion for the year.

Number of Projects: 469  
Amount: PhP 7,409,243,100  
Completed: 320 projects  
On-going: 137 projects  
Not started: 12 projects  
% Accomplishment: 84.62%

Further, due to observance of proper procedure in conducting the procurement of the above projects, Region VII was able to generate savings amounting to PhP 544.3 M.

#### HIGHLIGHTS:

Roads and bridges flood control and drainage, water system, school buildings other buildings

### A.2 Outside Infrastructure Projects

Number of Projects: 1,300  
Amount: PhP 4,341,711,200  
Completed: 195 projects  
On-going: 482 projects  
Not started: 623 projects  
% Accomplishment: 26.10%

#### HIGHLIGHTS:

School buildings under the Department of Education Health Facilities and Enhancement Program of the Department of Health Water and Sanitation Facilities

### CARRY-OVER PROJECTS

### B. REPAIR AND MAINTENANCE PROGRAM

DPWH VII is undertaking the following under the Repair and Maintenance Program:

1. Carriageway maintenance
2. Roadside Maintenance
3. Calamity Fund
4. Other Public Buildings
5. Flood Control

### FINANCIAL REPORT

Programs, projects and activities during the year is being supported by fund amounting to PhP13.424 Billion of which 84.00% was obligated (absorptive capacity).

Brgy. Curva, Medellin to Brgy., Pob., Daan Bantayan Leading to Maya RORO Port to Malapascua Island, Cebu

Upgrading of Sta. Catalina-Pamplona-Tanjay City, Road Negros Oriental Province



In 2014, Region VII completed the construction of Loboc Bridge along Tagbilaran City-Corella-Sikatuna-Loboc Road - costing P58,781 M; Tagbilaran-Coreolla Road Section, Bohol, costing P77,185 M; Panglao Island Circumferential Road, Bohol, costing P110,877 M; Tagbilaran North Road (Tagbilaran-Cortes-Tubigon with intermittent sections), Bohol, costing P70,221 M; Balilihan-Hanapol-Batuan Road (Balilihan Section), Bohol, costing P86,843 M; Maribojoc Antiquera-Catagbacan Road, Loon, Bohol costing P85,003 M; Panglao Island Circumferential Road, Bohol, costing P73,173 M; Antequera - San Isidro - Libertad (Tubigon) Road, costing P50,254 M; Antequera - San Isidro - Libertad (Tubigon) Road, costing P50,254 M; Balilihan-Hanapol-Batuan Road (Balilihan Section), costing P66,183 M; Jct. Dat-an-Carmen-Sierra Bullones-Pilar-Alicia Road, Bohol, Pilar Section, costing P50.00 M; Concepcion Danao-Buenavista, Carmen Road, Danao/Carmen, Bohol, including bridges, costing P62,463 M; Antequera - San Isidro - Libertad (Tubigon) Road, costing P62,924 M; and Panglao Island Circumferential Rd, costing P99,450 M.

The Region, in 2014, also completed the construction of Panglao Island Circumferential Road, costing P88,518 M; Davis Panglao Center Island Road, Bohol, costing P89,232 M; Widening of Valladolid Bridge and Approaches including the improvement of cross drainages, costing P53,466 M; Drainage Improvement along Cebu North Hagnaya Wharf Road, Mandaue City, Cebu, costing P59,162 M; Cebu North Hagnaya Wharf Road, costing P64,069 M; Tabuay Bridge along Bayawan-Mabinay Road, Negros Oriental, costing P50.00 M; Sta Catalina-Pamplona-Tanjay City, Negros Oriental, costing P85,354 M; Bayawan-Mabinay Road, Negros Oriental, costing P53,858 M.



Reconstruction of V. Rama-Tres de Abril Street Chainage



Rehabilitation/Reconstruction of Loay Interior Road, Bohol



## REGION VIII

For the year in review, DPWH Region VIII is tasked to implement 422 projects with a corresponding allotment of PhP 6.464B. Out of the total number of projects from various fund sources, Region VIII was able to post an actual accomplishment of 80.31% against the planned accomplishment of 81.73% having completed 326 projects worth PhP 3.317 B under the CY 2014 Regular Infrastructure budget of which 85 still on-going and 11 unstarted projects.

Out of the 2,060 carry-over projects from CY 2013-2012 for implementation, the Region was able to achieve 96.8% accomplishment having completed 2,036 projects with 24 still on-going projects.

### **Major and significant projects completed during the year are the following:**

1. Construction/Improvement of Access Road Leading to Danao Camp Tree Park.
2. Off-Carriage Way Improvement (Paving of Shoulders) of Jct. Taft-Oras-San Policarpio-Arteche Road.
3. Road Opening/Construction of Arteche. Brgy. Catumsan Jipapad-Las Navas-Catubig-Rawis Road.
4. Upgrading (Gravel to Concrete) of San Isidro-Daja Road.

DPWH VIII allows representatives from civil society organizations to observe bidding procedures in the spirit of transparency and good governance which is the guiding principle of President Aquino.

With the strict implementation of "open competitiveness" bidding and transparency, the DPWH Region VIII has saved PhP 600 Million for the government, surpassing feat in 2013. Said savings account for 8% of the PhP 12,830,679,466.31 total allotment for year 2014.



Wright-Taft-Guan Road



Buray - Tenani Section, Paranas, Samar



In 2014, Region VIII completed the reconstruction of Carigara Bridge along Palo-Carigara-Ormoc Road, Carigara, costing P107.232 M; construction of Libungao-Matag-ob Palompon Road (Matag-ob-Palompon Section), Matag-ob & Palompon, Leyte, costing P95.515 M; Palo-Carigara-Ormoc Road, costing P64.159 M; Widening of Ormoc-Baybay-Southern Leyte Road, costing P94.430 M; road leading to Danao Camp Tree Park, Maasin City, Southern Leyte (TDTD CY - 2014), costing P81.754 M; Upgrading/concreting of gaps along Calbayog Diversion Road, costing P96.305 M; Daang Maharlika, Tinabogan Bridge to San Juan, costing P100.533 M; Daang Maharlika, Manunca Bridge to Tinabogan Bridge, Western Samar, costing P82.892 M.

The region also completed the construction of Daang Maharlika, Jct. Parasanon to Manunca Bridge, costing P102.591 M; Daang Maharlika, Calbiga to Brgy. Laygayon Section, Western Samar, costing P88.920 M; Daang Maharlika, Brgy. Maulong to Brgy. Socorro Road Section, costing P97.306 M; Jct. Taft-Oras-San Policarpo-Arteche Road, costing P121.031 M; Catbalogan Diversion Road, costing P95.459 M; Ormoc Flood Mitigation Project, costing P84.524 M; and the Bugko-Nenita-Mirador-Cagpanit-an-De Maria-San Jose Road (including slope protection), costing P142.819 M.



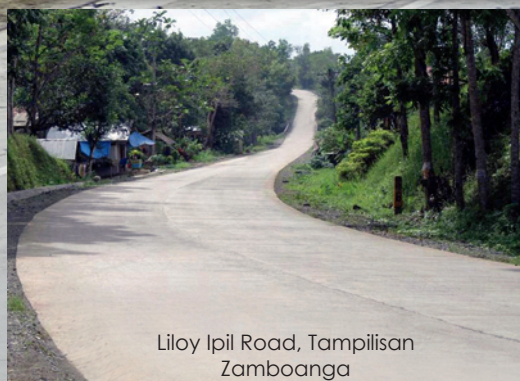




Bongao-Nalil Road, Tawi-Tawi



Asphalt Overlay Valderosa Street, Zamboanga City



Liloy Ipil Road, Tampilisan Zamboanga

Panganuran-Mamawan Road, Zamboanga del Norte



## REGION IX

In 2014, DPWH Region IX implemented 1,860 current and carry-over projects valued at P 16.771 Billion of which 1,412 projects were completed.

Major part of the total budget was allotted in the construction and improvement of roads, and bridges in the amount of P1.3 Billion of which 607 were completed while the total value of P115.463 Million for flood control and drainage projects resulted to the completion of 168 projects. Funding amount of P965.712 Million for elementary and secondary school buildings, and P280.629 Million for hospitals and health centers resulted to the completion of 674 and 47 projects, respectively.

Following the massive destruction wrought by the 23-day armed conflict in 2013 at Zamboanga City, DPWH was at the forefront of building back better with 19 on-going projects and accomplishment of 32.47% in the implementation of Zamboanga City Roadmap to Recovery and Reconstruction (Z3R).

The new road opening for the Zamboanga City By-Pass Road which is 62 percent complete as of year-end is among the significant accomplishment for CY 2014 of DPWH in Western Mindanao. Linking east with the west coast thru Barangay Patalon

to Barangay Culanan, the road project will decongest traffic within the Zamboanga City proper as this will provide the neighboring cities of Dipolog, Pagadian and other municipalities a direct trade route to the Zamboanga Free Port Zone. The road project received initial funding of P310 Million and subsequently allotted with a total amount of P750 Million for phases 2 and 3.

The Region manages a total of 1,620.387 kms. of national roads with 972.25 kms. concrete, 398.282 kms. asphalt, 262.821 kms. gravel and 7.007 kms earth. The total road length includes newly converted Zamboanga del Sur Coastal Road with length of 125.883 kms.

Also, the total length of gravel road increased by more than 44 kms due to additional road length of Zamboanga West Coast Road to include 19.181 kms Siocon-Sirawai-Sibuco-Limpapa Road with a length of 19.181 kms and 25.493 kms. Imelda-Bayog-Kumalarang-Lapuyan-Margosatubig Road.

The total 300 existing bridges with a length of 12,576.90 lineal meters are consists of 231 concrete bridges, 68 steel bridges and 1 temporary bridge. Under the Transition Investment Support Program (ISP) for Autonomous Region for Muslim Mindanao, all 10 projects were completed amounting to P1.216 Billion.



In 2014, Region IX, completed the construction of Basilan Circumferential Road, costing P418.135 M; Contract Package 3A-1: Upgrading/Concrete Paving of Basilan Circumferential Road: Tipo-Tipo-Sumisip-Tumahubong Section, costing P112.055 M; Basilan Circumferential Road, Basilan, costing P150.00 M; Road Upgrading (Gravel to Paved), Lamitan-Campo Uno-Tuburan Road, costing P216.210 M; Road Upgrading (Gravel to Paved) of Sulu Transcentral Road Phase II, costing P134.430 M; Bongao-Pahut Road, costing P141.572 M; Construction of Three (3) Bridges and Approaches along Sanga-Lapid-Lapid Road, (Phase IV), Bongao, Tawi-Tawi, costing P110.862 M; Flood Control in Estaka, Dipolog City, costing P62.300 M; Sindangan-Siayan-Dumingag-Mahayag Road, costing P184.569 M; Dipolog-Punta-Dansullan-S. Osmeña-Zamboanga Norte/Sur Bdry., costing P80.902 M; Upgrading (Gravel to Concrete) of Road in Rizal Dakak Dapitan Coastal Loop Road and Access to Pinahon Island, Dapitan City, Zamboanga del Norte, costing P99.755 M; Construction of Turno-Sinaman By-Pass Road, Dipolog City, costing P50.00 M; Road Opening, Talinga-Dagohoy-Tinaplan-Tilik Road, Sindangan, Zamboanga del Norte, P115.040 M; Upgrading (Gravel to Concrete) of Road from Jct. Brgy. Cogon to OISCA Forest Park (Japanese Park), Dipolog City, Zamboanga del Norte, costing P69.083 M; Upgrading of Road from Jct. Brgy. Cogon leading to OISCA Forest Park (Japanese Park), Dipolog City, Zamboanga del Norte, costing P51.865 M; and the upgrading of Road from Jct. Brgy. Cogon Highway leading to Sungkilaw Falls, Dipolog City, Zamboanga del Norte, costing P51.094 M.

The Region also completed the upgrading (Gravel to Concrete) of Road from Jct. National Highway to Ayala - La Paz Road, Zamboanga City, costing P91.098 M; Zamboanga City-Labuan-Limpapa Road, costing P104.824 M; Jct. Imelda-Alicia Road, costing P100.453 M; Upgrade to Concrete of Seit-Tayungan-Camp Andres Road, costing P67.550 M; Upgrade to Concrete of Romandier-Camp Andres-Tandu Bato Road, costing P72.200 M; Jct. Timbangan - Romandier Road, costing P67.550 M; Jolo-Indanan-Parang-Silangkan Road, costing P96.648 M; Sindangan-Liloy Road, Zamboanga del Norte, costing P50.139 M; Jolo-Taglibi-Tiptipon Road, costing P77.200 M; and the Construction/Repair/Rehabilitation/Improvement of Various Infrastructure including Local Projects - Various Projects for ARMM - Region IX - Sulu 2nd District - Concrete of Camp Andres-Lahing Lahing Road, costing P57.900 M.



Basilan Circumferential Road Project



## REGION X

Northern Mindanao Region's interconnected economy depends on the system of roadways, highways, and bridges.

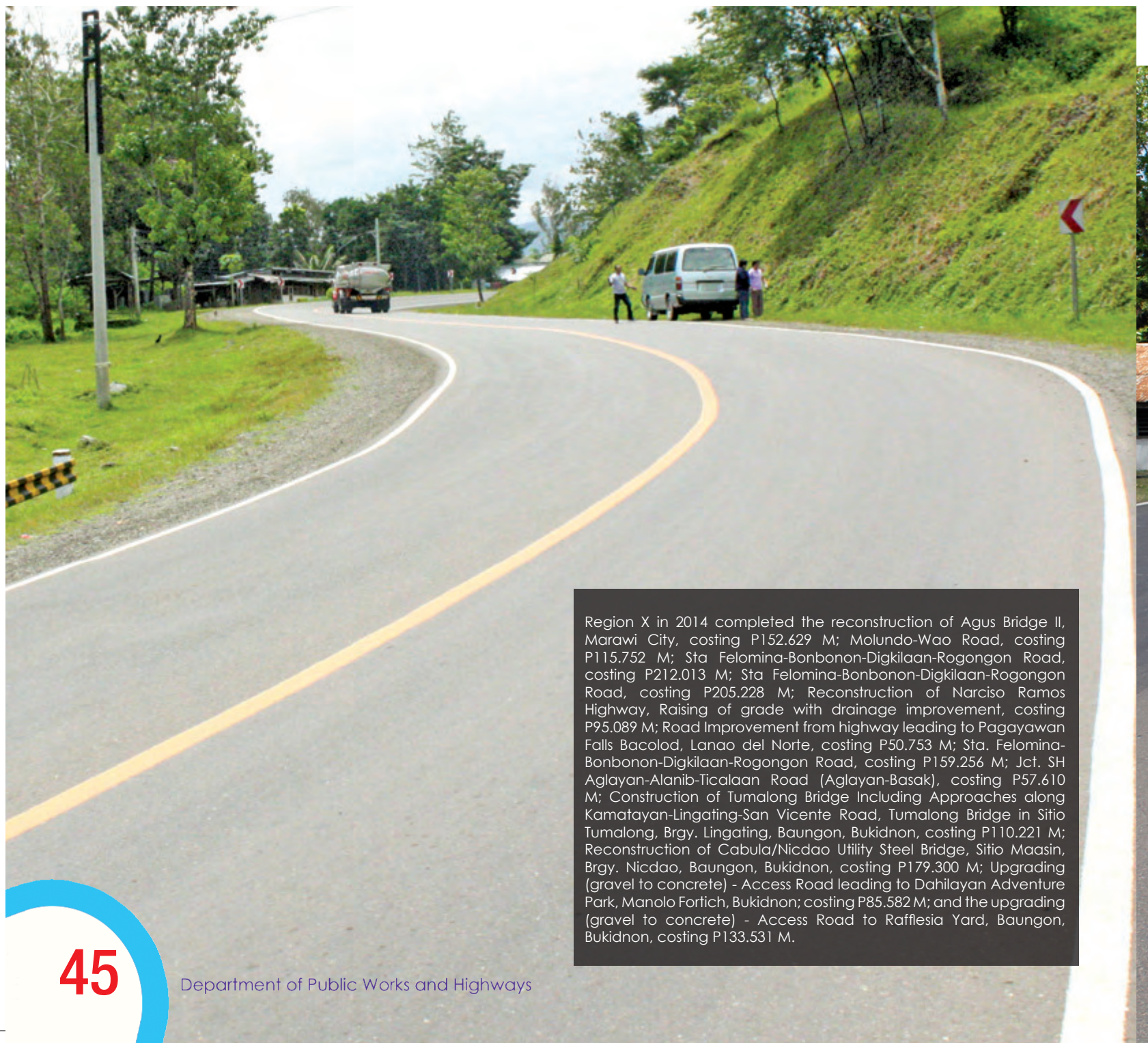
Funds for transportation infrastructure and other public works have increased in 2013. Rehabilitation works after the killer typhoon, Sendong have its way for economic recovery that presents with an opportunity to rebuild and update the region's infrastructure. Developing infrastructure created jobs and lifted up the economy. Every million pesos spent on infrastructure created hundreds of jobs that eventually ushered development.

The total national road network for Region X is 1,923.488 kilometers broken down as follows:

- National Arterial Road: 1,095.244 kilometers
- National Secondary Road: 828.244 kilometers

Of the total road stretch, 1,471.868 kilometers or 76.52% have already been paved with 66.00% and 34.00% for arterial and secondary roads, respectively.

Remarkable completed projects in this region include the Widening of Butuan City-Cagayan de oro City-Iligan Road (BCIR) (Opol-Laguindingan Section) and the rehabilitation projects along the said road section.



Region X in 2014 completed the reconstruction of Agus Bridge II, Marawi City, costing P152.629 M; Molundo-Wao Road, costing P115.752 M; Sta. Felomina-Bonbonon-Digkilaan-Rogongon Road, costing P212.013 M; Sta. Felomina-Bonbonon-Digkilaan-Rogongon Road, costing P205.228 M; Reconstruction of Narciso Ramos Highway, Raising of grade with drainage improvement, costing P95.089 M; Road Improvement from highway leading to Pagayawan Falls Bacolod, Lanao del Norte, costing P50.753 M; Sta. Felomina-Bonbonon-Digkilaan-Rogongon Road, costing P159.256 M; Jct. SH Aglayan-Alanib-Ticalaan Road (Aglayan-Basak), costing P57.610 M; Construction of Tumalong Bridge Including Approaches along Kamatayan-Lingating-San Vicente Road, Tumalong Bridge in Sitio Tumalong, Brgy. Lingating, Baungon, Bukidnon, costing P110.221 M; Reconstruction of Cabula/Nicdao Utility Steel Bridge, Sitio Maasin, Brgy. Nicdao, Baungon, Bukidnon, costing P179.300 M; Upgrading (gravel to concrete) - Access Road leading to Dahilayan Adventure Park, Manolo Fortich, Bukidnon; costing P85.582 M; and the upgrading (gravel to concrete) - Access Road to Rafflesia Yard, Baungon, Bukidnon, costing P133.531 M.



The Region also completed the construction of Jct SH Aglayan-Zamboanguita Road, costing P205,993 M; Jct SH-Aglayan-Alanib-Ticalaan Road (Aglayan-Basak), costing P229,653 M; Junction Dologon-Busco-Quezon Road, costing P107,620 M; Don Carlos-Kadingilan Road., costing P91,141 M; Sayre Highway, costing P90,755 M; Sayre Highway, costing P50,443 M; Kalilangan-Lampanusan Road., costing P56,063 M; Construction/Improvement - Service Road leading to Binangawan Falls, Sagay, Camiguin, costing P71,805 M; Construction/Improvement of Ozamis City Coastal By-Pass Road, Misamis Occidental, costing P210,427 M; Oroquieta City-Plaridel-Calamba-Sapang Dalaga Rd., costing P136,498 M; Gingoog-Claveria-Villanueva Road, costing P159,106 M; Gingoog-Claveria-Villanueva Road, costing P58,489 M; Upgrading (gravel to concrete) of road leading to Laguindingan Airport, (Alubijid - Laguindingan Airport), Misamis Oriental, costing P89,018 M; and the construction of Butuan City-Cagayan de Oro City-Iligan City Road, costing P58,069 M.

Region X also completed in 2014 the reconstruction of damaged Cagayan de Oro River Revetment & Seawall along Cagayan de Oro River from Macabalan to Brgy. Macasandig, Cagayan de Oro City, costing P251,698 M; J.R. Borja Bridge and Approaches, Borja, Cagayan de Oro, costing P179,582 M; Access road leading to White Water River Rafting, Cagayan de Oro City, costing P51,244 M; Kapalong-Talaingod-Valencia (Bukidnon) Road, costing P287,238 M; Construction./Repair/Rehab/Impvt of VILPs - Various Projects for ARMM-Lanao del Sur 2nd District-Reconstruction/Raising of Grade including drainage of Cotabato-Malabang-Lanao del Norte Road (Formerly Narciso Ramos Highway), Kapatagan-Balabagan Section, costing P85,745 M; and the Const./Repair/Rehab/Impvt of VILPs - Various Projs for ARMM-Lanao del Sur 2nd District-Reconstruction/Raising of Grade incl. Drainage of Cotabato-Malabang-Lanao del Norte Road (Formerly Narciso Ramos Highway), Kapatagan-Balabagan Section, costing P109,163 M.



Igpit, Opol Diversion Road



Widening of Butuan - Cagayan de Oro Iligan (BCIR) Road, Laguindingan Section



Davao - Cotabato Road, Bansalan Davao del Sur





## REGION XI

The DPWH XI in 2014 was allotted PhP 7.893 Billion to fund 336 projects under the DPWH Regular Infrastructure Program and PhP2.933 Billion for 844 projects under its Outside Infra Program

Region XI in 2014 completed the Tuganay River Basin Flood Control Project, Tuganay, Davao del Norte, costing P72.405 M; Kapalong-Talaingod-Valencia (Bukidnon) Road, costing P128.154 M; Upgrading (Gravel to Concrete) - Panabo City Coastal Road (from Brgy. JP Laurel, Panabo City to La Paz, Carmen to include construction of concrete seawall), Panabo City (TOUR CY - 2013), costing P96.491 M; Asuncion-San Isidro- Laak-Veruela Road, costing P82.345 M; Const/Repair/Rehab/Impvt of VILPs - Construction of Saug Bridge along Provincial Road, Macgum, New Corella, Davao del Norte, costing P72.217 M; Landslide Risk Mitigation, Digos-General Santos Road & Davao-Calinan-Buda Road, Mindanao under, costing P558.920 M; Malalag-Malita-J.A. Santos Road (Malita-Don Marcelino Section), Mindanao, costing P654.818 M; Widening of Davao-Cotabato Road, Davao del Sur, Widening of PCC 280mm incl. provision of turnouts, drainage & slope protection, costing P121.662 M; Upgrading (Gravel to Concrete) - Jct. Highway Brgy. San Agustin Road, Sta. Maria, Davao del Sur, costing P91.740 M; and the Bansalan-Mt Apo National Park Road, costing P58.607 M.

The Region also completed the construction of Davao-Cotabato Road (Davao City-Jct Digos Section), costing P62.648 M; Widening/road upgrading (gravel to concrete) - Cogon-Kapatagan-Mainit Road, Digos City, costing P161.761 M; Tiblawan Bridge along Tibanban-Lavigan Road, costing P61.203 M; Upgrading (Gravel to Concrete) - Jct. La Union - Mt. Hamiguitan Road, San Isidro, costing P137.198 M; Upgrading (Gravel to Concrete) - Highway Jct. Santiago - Macopa - Pantad (Pusan Point), Caraga, Davao Oriental, costing P91.811 M; Mati-Maragusan Road, Brgy. Calapagan-Brgy. Don Mariano Marcos Section, costing P121.877 M; Mati-Maragusan Road, Brgy. Taguibo Section, costing P119.062 M; Compostela-Cateel Road, Davao Oriental, costing P141.662 M; Tibanban-Lavigan Road, costing P70.047M; Mati-Maragusan Road, costing P67.518 M; Montevista-DNAS Road, costing P105.520 M; Montevista-Compostela-Mati Boundary, costing P54.068 M; Montevista-Compostela-Mati Bdry Road, costing P129.984 M; Compostela-Cateel Road (Compostela Side), Compostela, costing P74.103 M; Nabunturan-Maragusan Road, Compostela Valley, costing P71.665 M; Montevista-Compostela-Mati Boundary Road, costing P82.564 M; Montevista-Compostela-Mati Boundary Road, costing P103.791 M; and the Asuncion-San Isidro-Laak-Veruela Road, costing P132.124 M.

Region XI in 2014 also completed the construction of Asuncion-San Isidro-Laak-Veruela Road, costing P65.234 M; Asphalt Overlay of Davao-Cotabato Road (Magallanes-Toril Section), costing P67.640 M; Repair of Governor Generoso (Bankerohan) Bridge II along Davao - Cotabato Road, Davao City, costing P63.089 M; R Castillo St, Davao City, costing P117.345 M; Upgrading (Gravel to Concrete) - Mintal (Davao-Bukidnon Road) - Bago Oshiro - Bago Gallera (Old Davao Cotabato Road), Davao City, costing P72.565 M; Upgrading (Gravel to Concrete) - Lacson - Lamanan - Inayangan - Megkawayan Road, Davao City, costing P166.702 M; Davao-Cotabato Road (Davao City-Junction Digos Section), costing P51.505 M; Const./Repair/Rehab/Impvt of VILPs - Road and Related Infrastructure Facilities for 2015 APEC Summit - Region XI - National Roads - Ma-a Road (Don Julian Rodriguez Avenue), costing P93.275 M; and the Impvt./Upgrading (Gravel to Concrete), Island Garden City of Samal (IGACOS) Circumferential Road (East Side), Davao Del Norte, costing P113.352 M.



Coronon Bridge



Digos - Makar Road (sulop section)



Sinawilan Road, Digos Section



Widening of Davao-Bukidnon Road, Marahan Section



## REGION XII

The DPWH allotted PhP 5.1 Billion budget for SOCCSKSARGEN Region on its goal to achieve the paving of national arterial and secondary roads. The Department has set an 85% target in accomplishment for FY 2014 Infrastructure Program.

The DPWH Region XII maintains a total of 1541.252 kilometers of national arterial and secondary roads. DPWH XII has paved a total of 75.79% or 1,168.10 kilometers of national arterial and secondary roads.

The remaining 3.59% of unpaved National Arterial Roads or equivalent to 55.29 kilometers will be completed early this 2015. On the other hand, paving of national secondary road is on-going at 27.09% or 417.45 kilometers.

As per financial status, the region has maintained a high absorptive capacity percentage. Higher than last year, a total of 83% was obligated versus allotment, and disbursed 64% against total obligations.

Despite unstable peace and order situation and other hindrances, DPWH XII has managed to augment its achievement from bottom to top. As of December, DPWH Region XII has already achieved more than the expected output by 87.82% on its over-all accomplishments.

Major projects undertaken were focused mainly on roads. Linking major road networks certainly will promote peace and order, upshot economic development and showcase Soccsksargen's natural bounty and beauty.

As of the CY 2014 DPWH Infrastructure Program, the region has a total of 226 projects of which 167 were completed; 55 are still on-going and 4 are still on a not-yet started status. For the major projects implemented by the Regional Office. The road upgrading along Banisilan- Guiling- Alamada- Libungan Road from K1661+867.49 K1666+960 costing more than P 150 Million completed.

For projects from 50 – 150 Million, 8 were already completed while 20 are still on-going and nearing completion. Sixteen of these are road projects, 3 flood control and one construction of bridge abutment and approaches. There are only four projects which are not yet started. These projects are amounting to 50 Million and below.

### Road upgrading

The region has a total of 23 road upgrading projects. 7 projects are national arterial roads while 16 were national secondary roads.

Major road upgrading projects completed are the following: 3.320 kilometers Paco- Roxas- Arakan Valley – Junction Davao- Bukidnon Road K1688+078- K 1691+400; 2.078 kilometers road along Kidapawan- Calunasan- M'lang Road K1639+760 – K1641+949; 1.80 kilometer road along Sarangani- Davao del Sur Coastal Road, K1750+180 – K1751+980; and 3.020 kilometers gravelled road along Paco- Roxas- Arakan Valley – Junction Davao- Bukidnon Road K1688+320 – K 1689+788.

### Network Development

A breakthrough in road network development is the opening of new routes to achieve total connectivity in Region 12. A total of 25 projects were implemented region wide.

A 4.7 kilometer road opening/ widening/ gravelling along Surallah-Lake Sebu in South Cotabato Province to Maitum Road, Sarangani was implemented by South Cotabato District Engineering Office, Koronadal City. This road project along with the construction of four major bridges is so vital that the once isolated areas in Lake Sebu will be reached out by government programs and projects.

Another road opening and concreting project with a total of 2.89 kilometers from Maitum, Sarangani Province to Lake Sebu, South Cotabato under the Regional Office commenced last April 30, 2014. The road will provide access and open more opportunities to the provinces of North and South Cotabato, Sultan Kudarat, Sarangani and General Santos City.

Sebayor Bridge I



### Road Widening

A total of 25 road widening projects were implemented regionwide. Seven road widening projects implemented by South Cotabato, Sultan Kudarat I and II along the national secondary road were all completed with 17 other road projects of DEOs posting an overall accomplishment of 99.46% while one (1) project of the Regional Office is still on-going with 78.10% accomplishment.

### Tourism Road Infrastructure Program (TRIP)

The DPWH 12 has mapped out various road projects to help prop up tourism in Soccsksargen. In 2014, three Tourism Road Infrastructure Projects (TRIP) with a total of 8.315 kilometers were completed. These are the upgrading of 2.582 kilometers Junction National Highway along Cotabato- Digos Road to Barangay New Israel Road, Makilala, Cotabato that leads to the new record holder in Asia as the longest zipline of 2.3 kilometers and home of Macaque Monkeys; 4.433 kilometers Junction National Highway along Makilala- Allah Valley Road, Barangay Baras, Tacurong City that leads to the famous Baras Bird Sanctuary- the home of about 20,000 heron and egret birds; and 1.30 kilometer upgrading along Kidapawan- Ilomavis Tourist Road, Kidapawan City which provide access to the sulphuric steam lake at Barangay Agco in Kidapawan City.

### Asphalt Overlay

A total of seven (7) Asset Preservation Projects were implemented to ensure convenient travel along the national road region wide. Six (6) asphalt overlay project were already completed while one nears completion. The regional office completed the three (3) kilometres asphaltting works along Marbel – Makar Road, the longest asphalt overlay project for the year.

### Bridges

There is a total of 23 bridges rehabilitated, reconstructed, replaced and widened.

One of the major accomplishments was the completion of the new Matampay Bridge in Cotabato City. The new bridge is the nearest route and gateway from Cotabato Province to Cotabato City. Also completed are the widening of Palkan Bridge along Marbel- Makar Road, South Cotabato, and construction of Silway and Banlawan Bridges along General Santos City Circumferential Road, General Santos City.

Major repair of 12 permanent bridges were completed, 7 in Sarangani DEO, 2 in South Cotabato, 2 in Cotabato II DEO and 1 in Cotabato I DEO.

### Flood Control Projects

A total of 24 flood control projects were implemented region wide. Three (3) major flood control projects were completed namely Carmen Flood Control, Carmen, North Cotabato; Mindanao River Basin, Sto. Niño Poblacion, South Cotabato; and Ala River Flood Control and Drainage, Colongulo, Surallah, South Cotabato.



Awang-Upi-Lebak-Kalamansig Road  
Tambi-Sangay Section



Jct National Highway  
(Makilala - Allah Valley Road)  
to Baras Bird Sanctuary, Tacurong City



Sarangani-Sultan Kudarat  
Coastal Road



## REGION XIII

Under the CY 2014 DPWH Infrastructure Program, DPWH Regional Office XIII-Caraga together with its nine (9) District Engineering Offices carried out and implemented a total of 296 projects for a total funding allocation received of P5.452 Billion, where 203 are completed, 88 still on-going and 5 are not yet started, which are additional projects that were downloaded only at the onset of the fourth quarter, having an actual accomplishment of 81.93%.

Funding allocation in 2014 increased by more or less 12% from CY 2013 and this means, to the under-manned labor force of the region, a double time effort has to be exerted to hurdle the task of implementing all its projects according to targeted outputs amidst varied challenges.

Projects carried over from the previous years' program are equivalent to 488 for a total amount of P2.024 Billion, where 436 are completed, 39 are still on-going and 13 are under not yet started status but these are actually on-going projects that have incurred negative slippage at the end of the previous year, with an actual accomplishment of 89.47%.

All in all, Region 13 has carried out and implemented a total of 784 active projects amounting to P7.476 Billion under the DPWH infrastructure program, where 639 projects are completed, 127 still on-going and 18 not yet started attributed to the late release of funds, for a physical accomplishment of 83.97%.

As compared to the target outcomes, Region XIII has a total road network of 1,429.72 kilometers (based on CY 2010 RBIA data).

Out of this year's budget allocation where majority of the projects implemented (212) is on roads, highways and bridges having a total allocation of P5.013 Billion and the projects implemented under the Carry-Over budget program, the current road network resulted in the following status:

	Paved	Unpaved	Total
National Arterial Road	771.318	19.242	790.560
National Secondary Road	472.636	214.729	687.365
Total	1,183.546	294.379	1,477.925

The remaining unpaved national arterial and secondary roads are programmed for FY 2015 onwards.

### Status of Bridges

Type	Number	Length (lm)
Permanent	391	17,699.46
Temporary	30	703.17
Total	421	18,402.63

Out of the 30 remaining temporary bridges, 20 of it are already on-going construction funded under CY 2014 and the previous years' allocation, while the remaining 10 are already pipelined for CY 2015 infrastructure program.

Part of the roads and bridges' accomplishment is the convergence projects with the Department of Tourism where a total of 28.55 kilometers of national and local roads with 35.0 linear meter bridge were constructed/improved out of the total allocation of P813.594 Million. The convergence program aimed to provide good road access to identified tourist destinations making tourism as a driving mechanism to poverty alleviation and more economic sustainability.

As a partner in the realization of the President's social contract with the Filipino people, DPWH committed to the timely completion, before the start of class in June 2015, of all school building projects under the funding allocation of the Department of Education as an answer "to making education the central strategy for investing in our people, reducing poverty and building national competitiveness."

Under CY 2014 Outside Infrastructure Program (DepEd), a total of 319 active projects were being implemented for a total amount of Php 676,264,400.00 released in four (4) batches, where 128 are completed, 143 are still on-going and 48 are not yet started. This is equivalent to a total number of 200 classrooms completed, 304 classrooms still on-going and 48 classrooms not yet started.

Jct. Lingig-Trento Road, Surigao del Sur

Poblacion RTR – San Antonio – Tagnote Road, Agusan del Norte



In 2014, Region XIII completed the construction of Esperanza bridge and attendant items of work, Butuan City, costing P366 M. Dredging and bank Protection of Calinawan River (Santiago - Sta. Ana Section), Santiago, Agusan del Norte, costing P54.028 M; Rehabilitation of San Luis-Binicalan Road, San Luis, costing P59.125 M; Sta. Maria Bridge along NRJ Cuevas-Bislig Road, Agusan del Sur, costing P74.966 M; Bayugan - Calaitan - Tandag Road, costing P66.690 M; Blanca-Bunawan Eco-Park Road leading to Bunawan Eco Park, Brgy. Consuelo, Bunawan, Agusan del Sur, costing P72.476 M; Daang Maharlika (Agusan-Davao Sect), costing P58.655 M; Jct. Lingig-Trento Road, costing P99.334 M; Surigao-Davao Coastal Rd, costing P94.658 M; Dapa-Union Gen. Lupa Road, Siargao Island, Surigao del Norte, costing P85.792 M; Jct. Osmena-Pilar Road, Siargao Island, Surigao del Norte, costing P85.555 M; Junction Del Carmen-Sta Monica-San Isidro Road, costing P89.913 M; and the Improvement/upgrading (Gravel to Concrete) of Junction Osmeña-Pilar Road, Siargao Island, Surigao del Norte, costing P84.758 M.

The Region also completed the improvement/upgrading (gravel to paved) of Jct. Cancohay-Pilar Road, San Isidro, Siargao Island, costing P50.197 M; Dapa-Union General Luna Road (Gen. Luna - Catangnan Section), costing P82.934 M; Improvement/Upgrading (Gravel to Concrete) of Dapa-Union Gen. Luna Road, Siargao Island, Surigao del Norte, costing P94.664M; rehabilitation/Improvement/Upgrading (Gravel to Concrete) of Karaos-Lapag (Mt. Magdiwata) Eco Park-Alegria Road, San Francisco, Agusan del Sur, costing P87.135 M; Improvement/Upgrading (Gravel to Concrete) of NRJ Lipata-Punta Bilar and Mabua, Surigao City, Surigao del Norte, costing P83.727 M; Widening/concreting of additional lane both directions along Butuan City-Cagayan de Oro-Iligan Road, Agusan del Norte, costing P89.512 M; Surigao-Davao Coastal Road, Surigao del Sur, costing P56.682 M; Surigao-Davao Coastal Road, Surigao del Sur, costing P60.168 M; Junction Cancohay-Pilar Road, costing P150.146 M; and the construction of Buenavista-Bunaguit Road, Agusan del Norte, costing P140.894 M.



2-NRJ Blanca- Bunawan Eco-Park Road leading to Bunawan Eco Park, Agusan del Sur



Esperanza Bridge , Agusan del Sur.





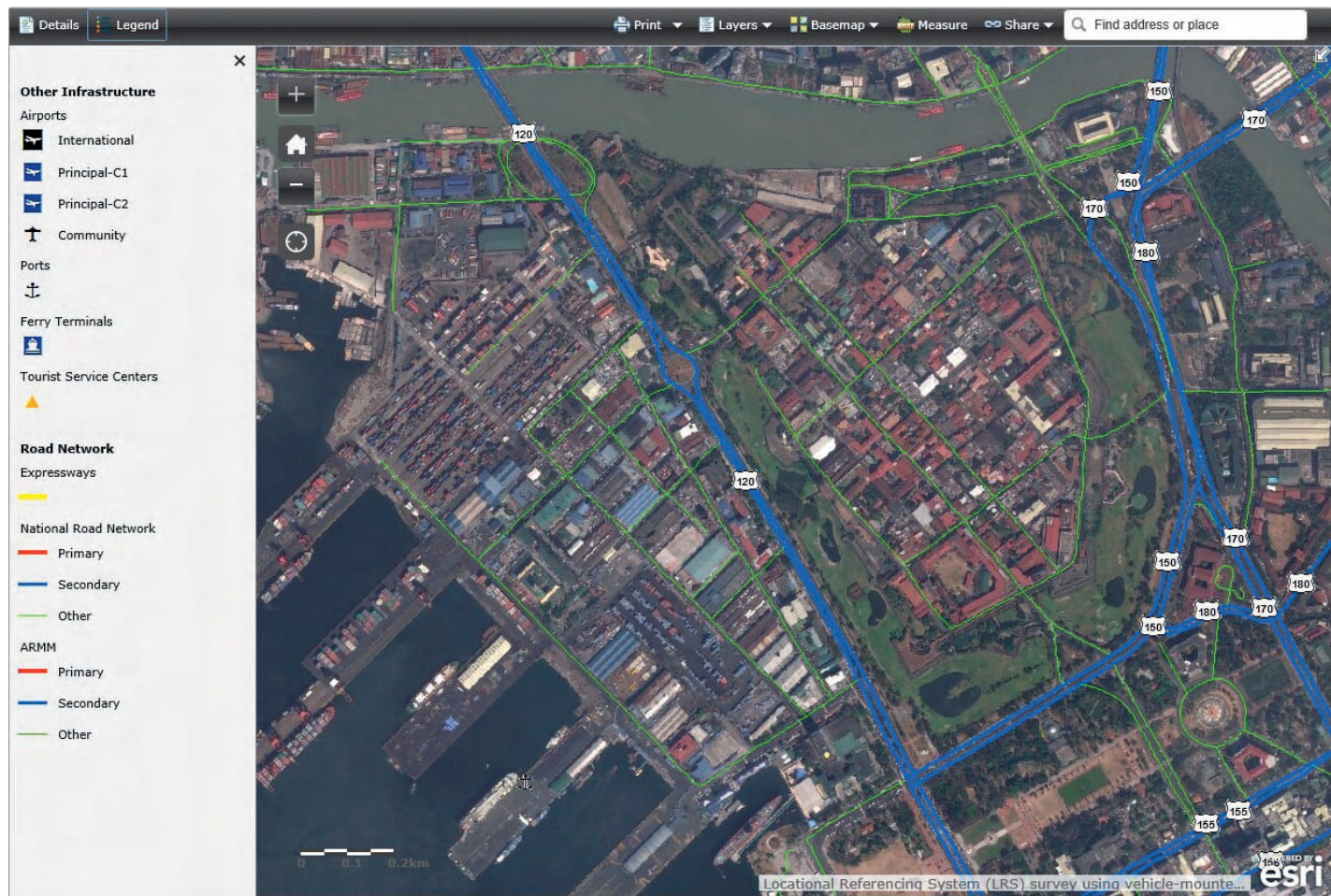


**STREAMLINING INTERNAL CONTROLS AND  
IMPROVING BUSINESS PROCESSES**





# Geographic Information System (GIS) Applications



In 2014, a Geographic Information System (GIS) tool was utilized to analyze the proposed Bridge Program and assess data quality in the Bridge Management System (BMS). This provides a visually engaging representation in lieu of complex tables and spreadsheets, and gives a much more accessible view of the state of bridges in the country for improved bridge program strategies.

Such GIS applications are also available for analyzing data in the Road and Bridge Information Application (RBIA). These analytical tools are available internally via the RBIA and BMS Intranet sites, which are under the recently revamped Planning Applications site. These tools do not require any software installation nor any special skills and training prior to usage, and are readily available to anyone in the Department at the click of a button, essentially helping to break down organizational boundaries at all levels. The particular BMS GIS tool has been used by Central Office BMS Managers, Regional BMS Coordinators and by Regional Directors alike to prepare, review and refine the Bridge Maintenance and Rehabilitation Program for next year.

An Interim Geospatial Information Administration Unit under the Information Management Service (IMS) was created (D.O. 29 series of 2014) to promote and expand the use of GIS in the Department.

The Unit's activities in 2014 concentrated on 7 key process areas: Asset Register, Disaster Management, Forward Planning, Project Monitoring, Design, Right of Way Management and Road Safety.



## Asset Register

This is a record of the assets of the Department. A good register is a crucial tool for the Department to manage its assets for inventory, planning, maintenance and informed decision making. GIS played a major role in managing the location of the asset, and in being able to perform analysis on these assets.

The following are the Assets under the management of DPWH:

1. National roads
2. National bridges
3. Drainage and other flood control Works
4. Other infrastructures under DPWH Management (including Local roads, Local bridges, school buildings, Municipal Halls, etc.).

A number of online GIS applications have been developed, linked to the Road and Bridge Information Application (RBIA), to make enterprise asset data for Roads and Bridges available in map format to all offices in the Department, including Regions and Districts. These application have had over 17,000 views from their publication in mid-2014 until present. In addition, the GIA unit started working with the Department's Bureau of Maintenance to establish an enterprise inventory of Flood Control Structures. The pilot data collection is planned in the second quarter of 2015.

## Disaster Management

Disaster Management encompasses Disaster Preparedness, Immediate Post-Disaster Response, and medium- to long-term efforts at post-disaster Reconstruction.

Disaster Preparedness includes management or tracking of precise information of assets, facilities and equipment. Immediate Post-Disaster Response includes the gathering and publication of information critical to the agency and to other stakeholders including the public, such as situation reports, extent of damage, passability of transport infrastructure, and clearance operations. Post-Disaster Reconstruction efforts depend on detailed information on inventory and condition of existing assets and generation and monitoring of reconstruction plans and programs.

DPWH is looking to implement an enterprise-wide Physical Asset Management System. This will incorporate various modules including Vehicle Fleet Management, Equipment Management, and Facilities Management. Implementation of these modules will be under the responsibility of Bureau of Equipment (BOE), Information Management Service (IMS, for IT Assets), and Administrative and Manpower Management Service (AMMS, for buildings). Each of these modules will help contribute in some fashion to disaster preparedness and immediate disaster response.







## Forward Planning

Network Development projects in DPWH are identified through master plans which analyze and predict patterns of growth at the national and regional levels, and which also aim to achieve social and economic goals as stated in various Development Plan documents. New roads may be added to the national network through a combination of Public Private Partnership (PPP) projects, Foreign Assisted Projects (FAPs) and Locally Funded Projects (LFPs), or through conversion of local roads. In addition, existing roads may be widened to accommodate actual or forecast traffic growth.

Asset preservation projects in DPWH are generated using the Highway Development and Management Tool (HDM-4). This takes existing road inventory and condition data, and traffic data, and programs rehabilitation and periodic maintenance on those roads with a view to optimizing maintenance expenditure and minimizing road user costs. GIS is an important means of visualizing planned projects, and in disseminating that information to other offices within DPWH to plan, coordinate and confirm activities. Within DPWH, the offices involved in planning include the Project Preparation Division (PPD) and the Development Planning Division of the Planning Service, the Public Private Partnership (PPP) Service, the Unified Project Management Office (UPMO), and the Regional and District Offices. GIS is used as a tool for sharing information among these offices, i.e., future projects' timeframe, cost and location.

## Project Monitoring

Project Monitoring is the gathering and reporting of information relating to status of on-going construction projects. DPWH has project monitoring systems in place for many years. The District Office Project Engineers monitor civil works contracts in the field, and prepare physical and financial accomplishment data for each individual project. That information is rolled up into central databases for monthly reporting to project managers and executives. Several applications and databases are involved in this process, including the Project Monitoring System (PrMS) for locally funded projects, the PMO-MS (Project Monitoring System for PMOs which manage Foreign Assisted Projects), e-NGAS for financial accomplishments, and the electronic Project Life Cycle (e-PLC) which consolidates data from all of these systems and which will eventually feed the Executive Information System (ExIS), a system that sits on top of all information systems designed to strengthen decision-making by the Department's Executive Committee.

GIS provides a unique perspective on where the projects are. Much of the effort in 2014 has been on enforcing data standards to ensure that all projects can be properly located. This ties in with the Open Data and other initiatives being promoted by Department of Budget and Management (DBM). GIS is going to be an integral part of the new Project and Contract Management Application (PCMA) which will be piloted in the Department in mid-2015.





## Road Safety

Key elements of Road Safety include Risk Assessments under the International Road Assessment Programme (iRAP). iRAP assessments measure risk of accidents from an engineering point of view (e.g. geometry, road markings, signage, safety barriers, lane separation), and are used to generate road safety mitigation measures.

From 2010 to 2012 DPWH collected iRAP data for 6,000 km of primary arterial roads. DPWH is looking to conduct additional iRAP surveys in future to help plan and prioritize its Road Safety Development Program. All iRAP data are already published in the web for use by key stakeholders including the Road Board and the Department of Transport and Communications (DOTC).

DPWH established in 2014 a new Bureau of Quality and Safety (BQS), which among other functions, is responsible for planning and management of future iRAP surveys, and planning and prioritization of road safety programs.



Also under the responsibility of BQS is the operation of weighbridges on the National Road Network. DPWH published the locations and operating times of its Permanent Weighbridges as general information for truck operators and the travelling public.





## Right of Way Management

There are two distinct aspects to Right of Way Management: first, is the identification of land take required for any new infrastructure projects; second, is the management of existing Right of Way, including an inventory of the land owned by the government, which for road infrastructure should normally extend for at least a defined distance either side of the road centerline.

DPWH's identification of existing land titles is a very time-consuming process involving manual search of records in local municipalities. Land titles are not maintained electronically.

To address this, the Department initiated the process of working out a Memorandum of Agreement with Land Registration Authority based on its requirements. The agreement is intended to assist the Department in identifying and detailing the parcels of land for DPWH Right-of-Way Acquisition Program, among others as well as the titled properties and corresponding lot location under the name of DPWH (this includes the previous names of the Department).

Under the proposed agreement, LRA will verify the certificate of titles belonging to DPWH and/or GOP will provide processed, rectified and aligned digital parcel maps using the LRA's parcel verification system; will issue true copies of the certificate of titles or document submitted in support of the land transaction for the DPWH Right-of-Way Acquisition Program and will provide in the form of data or information, the Titled Properties falling within the Corridor of the Alignment of Interest, as well as electronic maps generated from the technical description provided in the titles.

The MOA is expected to be implemented by early 2015 which will greatly improve the right of way acquisition of the Department.





## Assessment and Design

GIS is used in Assessment and Design at the Preliminary Design stage. To a large extent, the design function depends on data supplied by other agencies, although DPWH also collects significant quantities of data through project-level surveys that can and should be geographically referenced and managed in the overall DPWH GIS.

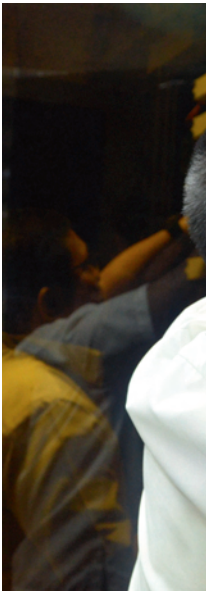
One of the data sets that DPWH is looking to publish is its borehole logs. Borehole logs are typically supplied to DPWH from its survey contractors, and it is important to store and manage that information for future use in DPWH. Such information can be useful for other engineering projects, and other countries publish such data on the internet. In 2014, the Department's Bureau of Design (BOD) has already established a GIS database for Borehole Logs.

The GIA Unit's day-to-day activities support all of these major process areas. Awareness training has been given to more than 500 staff in the Department; detailed technical training in software has been given to more than 300 staff; training on geotagging to more than 200 staff. Presentations and training material have also been posted to GIS website, along with information on the activities of the GIA unit. GIS Data Administration is also an important function of the unit, cataloging and making the data available securely and efficiently to end users. The unit also provides technical assistance to individual offices to help establish any GIS databases, and to ensure that data held in the Department's servers are available to all.

The GIA Unit has also been coordinating with other agencies including the National Mapping and Resource Information Authority (NAMRIA), Department of Science and Technology (DOST), and other agencies to ensure that information on any national initiatives are being properly disseminated within DPWH, and to ensure that potential users in DPWH are aware of the availability and purpose of national data sets from these other agencies.

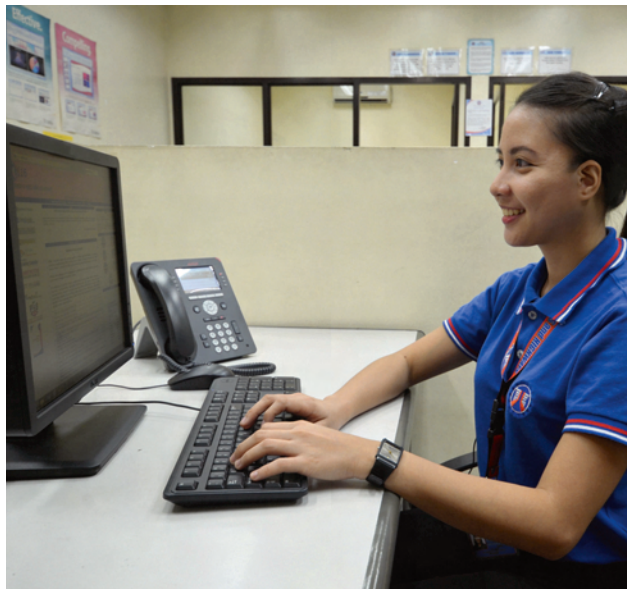
Finally, the GIA unit is also reaching out to involve the private sector, including the Waze community, and Open Street Map, particularly the incorporation of the National Route Numbering System and locations of roads projects into online mapping.





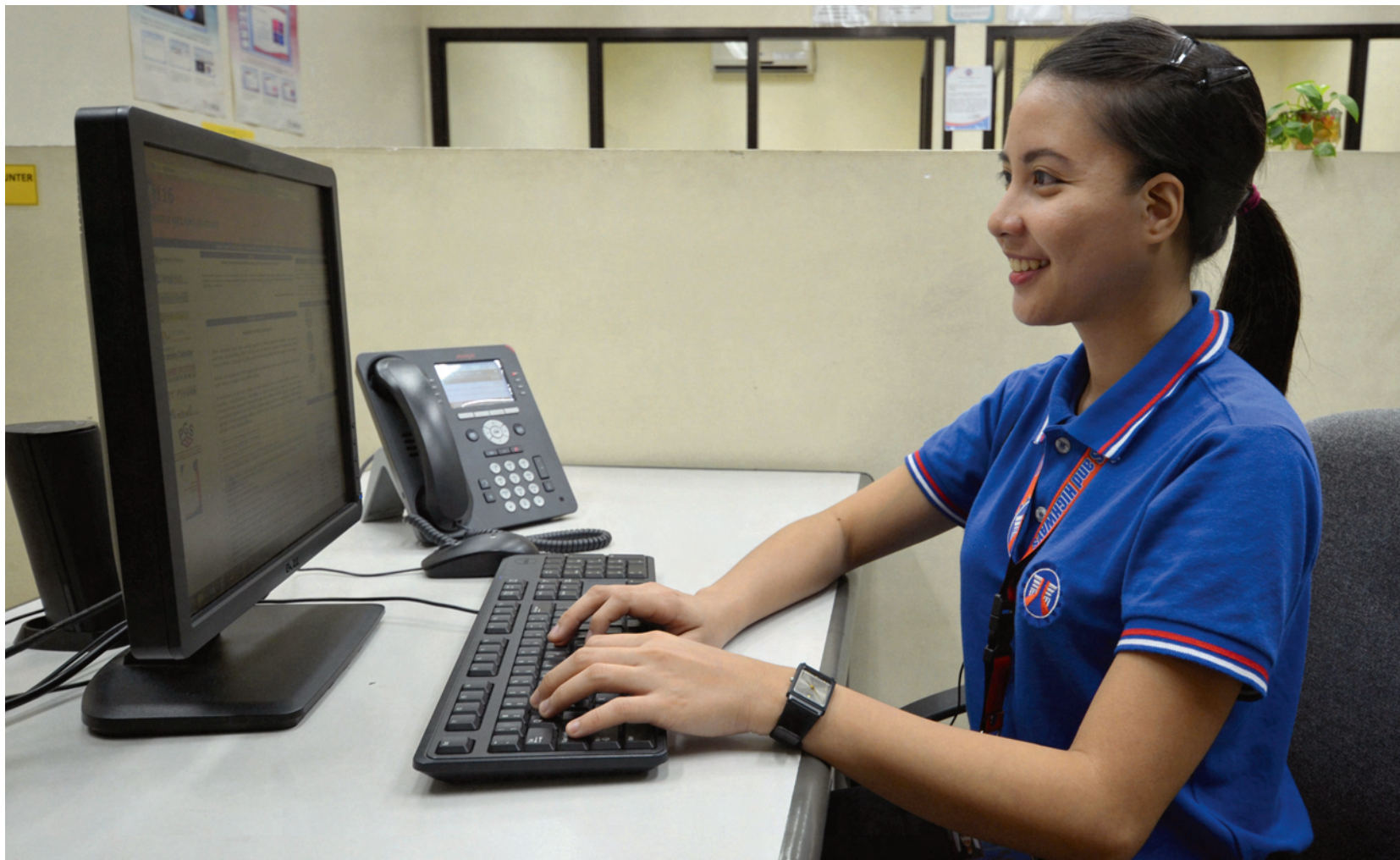


## INFORMATION TECHNOLOGY INITIATIVES FOR ENHANCED PARTICIPATION OF THE STAKEHOLDERS





## Document Tracking System (DoTS) Online



With key emphasis on streamlining processes and improving transparency, the Department introduced an online version of the Document Tracking System (DoTS). This web-based portal has enabled the Department's external stakeholders to know the processing status of their business-related documents without the need to travel to a DPWH office. The application provides the latest status of the transaction including the routing, current processing stage, date and time received and sent by processing offices, and target dates of completion for each process. And since it's web-based, the stakeholders can use this service anytime, anywhere, and on any device with internet browsing capability.





## Communication Network

Under the World Bank-assisted NRIMP-II, the Asian Development Bank – Road Improvement and Institutional Development Project (ADBRIIDP) and the Japan International Cooperation Agency (JICA) Road Upgrading and Preservation Project (JRUPP), the Communication Network expansion continued. A total of 96 District Engineering Offices (DEOs) out of 180 have been connected to network with all offices expected to be completed by 2015. The Region VIII Regional Office that has been severely damaged by typhoon Yolanda has already recovered and is now reconnected in the Department's network through the NRIMP-II project.



## Waze Integration

In line with the Department's emphasis on utilizing enabling technologies, the announcements for road works and other related projects in the National Capital Region (NCR) are now made available online in one of the World's largest community-based traffic and navigation application – Waze. The Department intends to provide information on planned and ongoing road repairs to help motorists and commuters through the said application, with the help of the local Waze community. A recent addition to the information that is made available now in Waze, through the improvement efforts under the National Roads Improvement and Management Program Phase II Institutional Capacity Development (NRIMP-II ICD) Component, is the new Route Numbering System (RNS) for Primary and Secondary Roads, which is also available in the Department's website under the "Infrastructure" page. The Route Numbering will be very important to road users in being able to plan their journeys. Road users will expect that all roads of a certain classification, and of a certain numbering scheme, will have similar performance standards.

A well-numbered, well-signed and well-publicized route system is also useful for roads agencies and other government bodies to channel traffic into preferred routes or corridors.







# *Officials* **Directory**





**Rogelio L. Singson**  
Secretary



**Raul C. Asis**  
Undersecretary



**Maria Catalina E. Cabral**  
Undersecretary



**Romeo S. Momo**  
Undersecretary



**Alfredo G. Tolentino**  
Undersecretary



**Rafael C. Yabut**  
Undersecretary





**Ardeliza R. Medenilla**  
Assistant Secretary



**Eugenio R. Pipo**  
Assistant Secretary



**Gilberto S. Reyes**  
Assistant Secretary



**Emil K. Sadain**  
Assistant Secretary



**Dimas S. Soguilon**  
Assistant Secretary



# Regional Directors



Reynaldo G. Tagudando  
National Capital Region



Edilberto P. Carabbacan  
Cordillera Administrative  
Region



Melanio C. Brisosos  
Region I



Nerie D. Bueno  
Region II



Antonio V. Molano Jr.  
Region III



Samson L. Hebra  
Region IV-A



Subair S. Diron  
Region IV-B



Melvin B. Navarro  
Region V



Edilberto D. Tayao  
Region VI



Ador G. Canlas  
Region VII



Rolando M. Asis  
Region VIII



Jorge U. Sebastian, Jr.  
Region IX



Evelyn T. Barroso  
Region X



Mariano R. Alquiza  
Region XI



Reynaldo S. Tamayo  
Region XII



Danilo E. Versola  
Region XIII



## Bureau Directors



**Dante B. Potante**  
Bureau of Design



**Walter R. Ocampo**  
Bureau of Construction



**Ernesto S. Gregorio**  
Bureau of Maintenance



**Toribio Noel L. Ilao**  
Bureau of Equipment



**Judy F. Sese**  
Bureau of Research and Standards



**Medmier G. Malig**  
Bureau of Quality and Safety

## Service Directors



**B. Elizabeth E. Yap**  
Information Management Service



**Angela A. Abiqui**  
Human Resource and  
Administrative Service



**Constante A. Llanes Jr.**  
Planning Service



**Nimfa E. Potante**  
Procurement Service



**Ariel C. Angeles**  
Public - Private Partnership Service



**Estrella T. Decena-Zaldivar**  
Legal Service



**Elizabeth P. Pilorin**  
Stakeholders Relations Service



**Marichu A. Palafox**  
Financial Management Service



**Gliricidia C. Tumaliuan**  
Internal Audit Service





Department of Public Works and Highways  
Bonifacio Drive, Port Area, Manila  
[www.dpwh.gov.ph](http://www.dpwh.gov.ph)  
Hotline: 165-02