

2016

ANNUAL REPORT



DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS

VISION

By 2030, DPWH is an effective and efficient government 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.



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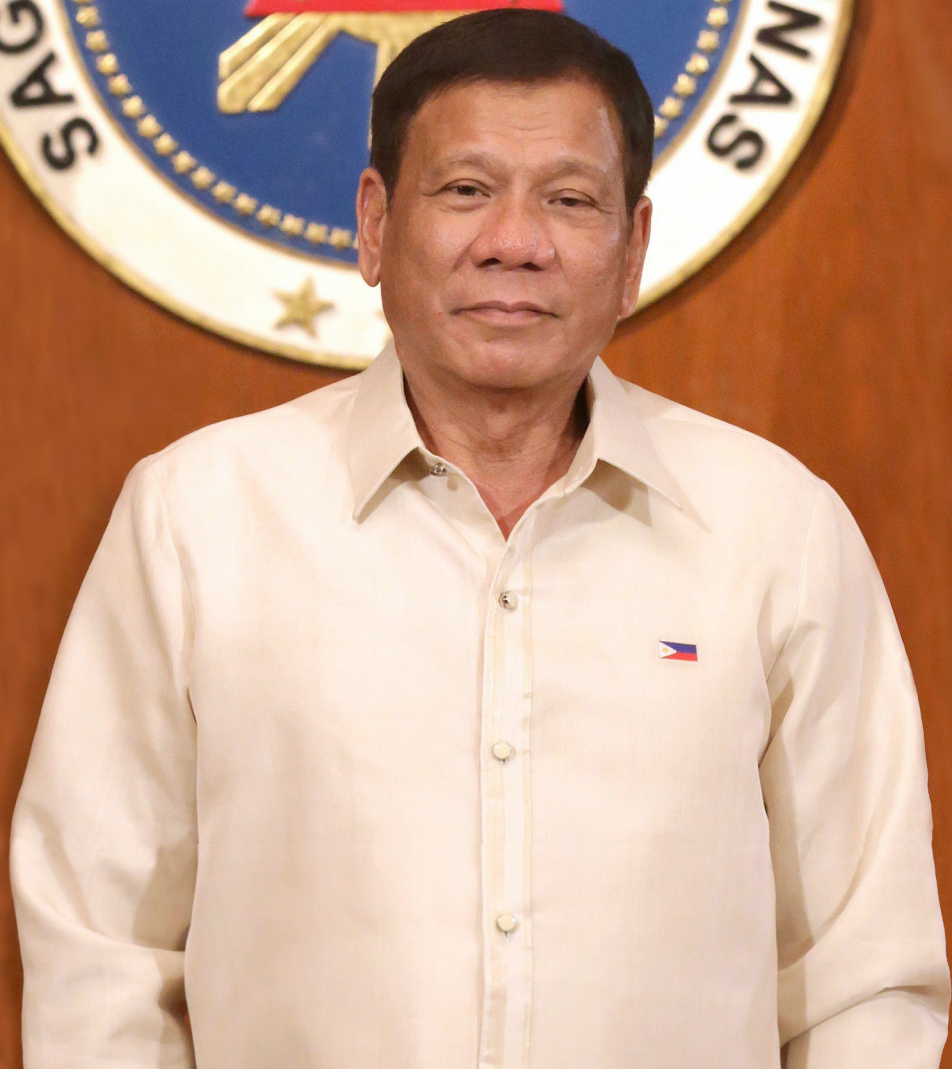
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Message

My warmest greetings to the Department of Public Works and Highways (DPWH) on the publication of its 2016 Annual Report.

Our administration recognizes the significant role of infrastructure in nation-building. Hence, part of our Ten-Point Socio-Economic Agenda is the acceleration of annual infrastructure spending to account for 5% of the GDP. The 36% increase in infrastructure disbursement from PhP 244 billion in 2015 to PhP 333 billion in 2016 is part of our efforts to accomplish this goal.

We will be using the momentum we gained in 2016 to accomplish our updated target for infrastructure spending to account for 5.4% of the GDP in 2017. This will be made possible through the active participation of the private sector in high impact projects that would stimulate the economy and open up employment opportunities for our people.

May the department's accomplishments for this year be only a prelude of what we could accomplish in the years to come. I hope that you will not waver in your efforts to contribute to building a stronger nation.

I wish you all the best.



RODRIGO ROA DUTERTE
President
Republic of the Philippines



Message

I am proud to present the accomplishments of the Department of Public Works and Highways for the year 2016.

This report encapsulates the DPWH's undertakings in the pursuit of inclusive growth and commencement of the "Build. Build. Build." massive infrastructure program under the administration.

My sincerest appreciation goes to former Secretary Rogelio L. Singson for laying out a good foundation in this agency, from where I took off in the middle of the year.

The men and women of DPWH have truly embraced their roles as #PartnersforChange.

On top of our programmed activities in terms of construction, maintenance and rehabilitation of public infrastructure, we have undertaken added measures to be at the helm of the crusade to usher the Philippines to its Golden Age of Infrastructure.

The DPWH operationalized an Infrastructure Monitoring and Advisory Group (IMAG) for each of the major and critical projects implemented by the Regional and District Engineering Offices. The Department implemented 24/7 operations on major high impact infrastructure projects, expedited resolution of right-of-way issues, and sternly imposed sanctions to erring contractors. It also further streamlined the procurement process, successfully accredited all Regional Offices to ISO 9001:2008 Standards, and strengthened the 24/7 Secretary's Hotline 165-02 as one of the feedback mechanisms in engaging our stakeholders in participatory governance.

In the following years, DPWH commits to be more aggressive in providing globally competitive infrastructure facilities and services, delivered under the thrusts of Public Service, Integrity, Professionalism, Excellence and Team Work.

This report signals the start of the boldest infrastructure progress in Philippines history.

Indeed, Change has come.



MARK A. VILLAR

Secretary

Department of Public Works and Highways

HIGHLIGHTS OF 2016 ACCOMPLISHMENTS

In 2016, the Department of Public Works and Highways has taken many steps to fulfill its commitment to provide quality, safe and environment-friendly public infrastructure facilities that will improve the life of every Filipino.

The effort the Department has put forth in improving infrastructure was a top priority and will continue to be one in the coming years of the President Rodrigo R. Duterte administration.

Department of
PUBLIC WORKS
and HIGHWAYS

 **ALLOCATION**

 **OBLIGATION**

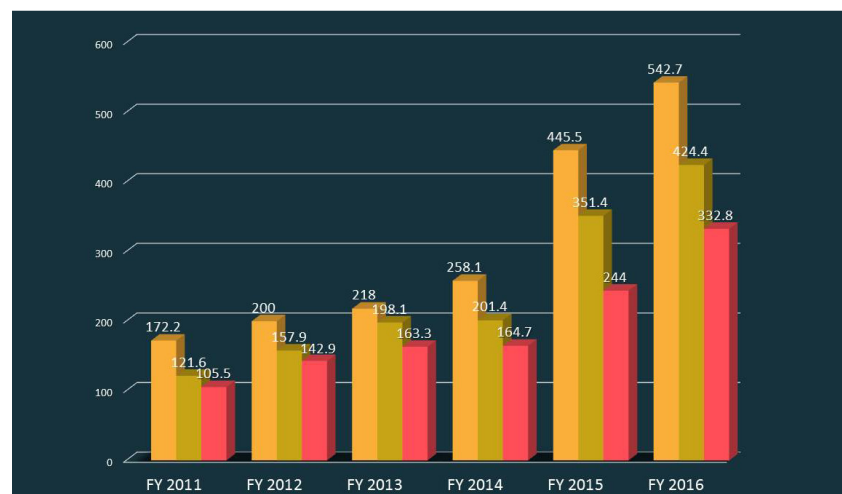
 **DISBURSEMENT**



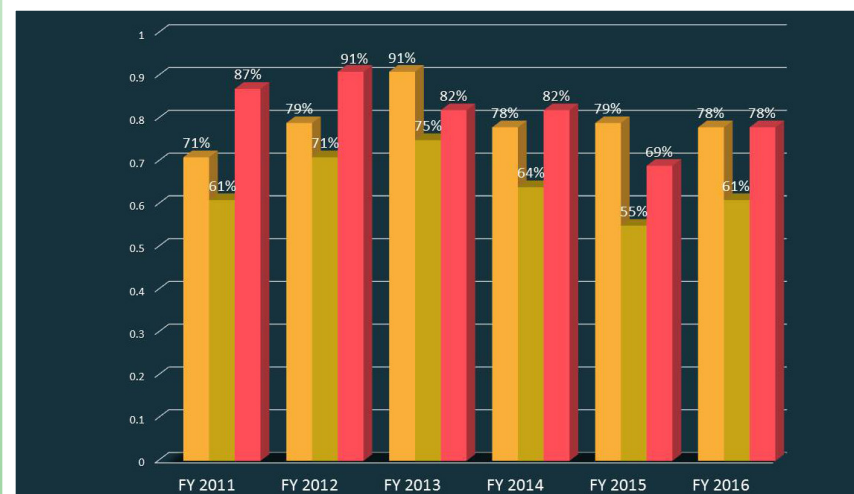
Improved Expenditures Performance:

Infrastructure disbursements significantly increased from P106 Billion in 2011 to P332.8 Billion in 2016 (full year), as shown below:

DPWH FY 2011-FY 2016 Fund Utilization (Full Year)
(In Billion Pesos)



FY 2016 Fund Utilization vs. FY 2015 (January-December)
(In Billion Pesos)



Organized Infrastructure Monitoring and Advisory Group (IMAG):

In view of the President's directive to accelerate infrastructure spending and in the interest of greater transparency and good governance, the DPWH Regional Directors were directed to create and organize an Infrastructure Monitoring and Advisory Group (IMAG) for each of the major and critical projects implemented by the Region and District Engineering Offices.

The IMAG is an ad-hoc body which will assist the Department during all phases of project implementation. It is a mechanism for participatory and transparency in monitoring during the project's construction phase to ensure that projects are accomplished at the right time and right quality. Its life is co-terminus with the project implementation period.

The following are the main functions of the IMAGs:

- Provide a forum where implementers regularly report the progress/status of project implementation, the problems encountered and the assistance/solutions needed.
- Provide advisory or logistical assistance to DPWH implementing unit to facilitate the implementation of projects, i.e. dealing with informal settlers in road right of way.

The composition of the IMAG are the following:

- DPWH Regional Director
- DPWH District Engineer of the place where the project is located
- Local Chief Executives (Governor, Mayor, Barangay Captain) of the LGU where the project is located or their authorized representative.
- Project Contractor
- Project Consultant (if there is any)
- Representatives from the business sector, utility company affected, religious groups, Civil Society Organizations, media
- PNP/LGU Traffic Management Group (if project is road)
- Professional Groups (PICE, Environmental Planners, etc.)
- Representatives from other concerned National Government Agencies (e.i., Tourism, Transportation, etc.)



Created a multi-media citizens feedback mechanism including a 24/7 Secretary's Hotline

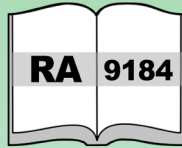
24/7 Hotline : 165-02; 304-3370 (being managed by the DPWH Stakeholders Relations Service)

Expedite ROW resolution based on new ROW Law:

The Implementing Rules and Regulations of the Right-of-Way Act (Republic Act 10752: An Act Facilitating the Acquisition of Right-of-Way, Site or Location for National Government Infrastructure Projects) was published in two (2) newspapers of general circulation namely, The Philippine Star and Philippine Daily Inquirer on July 22, 2016 pursuant to Section 23 of the said IRR as a pre-condition for its effectivity, which was on August 7, 2016 or fifteen (15) days following its publication.

The same IRR was also transmitted by DPWH, in a letter dated July 15, 2016, to the University of the Philippines Law Center, in compliance with Section 3, Chapter 2 of the Philippine Administrative Code of 1987.

The copy of the newspapers where the IRR was published was also furnished to the Presidential Communications Operations Office for the Official Gazette as a reportorial requirement for duly issued guidelines.



Streamlined procurement process based on New Procurement Manual:

DPWH prepared a New Procurement Manual to guide in effectively carrying out the Department's heavy procurement workload. DPWH put together a coherent set of clear, complete, up-to-date, streamlined, and simple operational rules and procedures, to serve as common reference and guide for DPWH and private contractors, consultants, and suppliers in the procurement of contracts for infrastructure, consulting services, and goods, consistent with RA 9184 and its IRR. The DPWH Procurement Manual is expected to enhance the quality of DPWH procurement, by making it simpler, quicker, consistent (across all DPWH offices), more transparent, more competitive, with greater accountability, and capable of public monitoring - in line with the procurement principles in RA 9184. In turn, this will result in faster and more economical provision of infrastructure works and services needed to accelerate socio-economic development.

This DPWH Procurement Manual seeks to address the problems in the procurement regime brought about by rules and procedures dispersed in separate documents, such as RA 9184 (Government Procurement Reform Act) and its IRR, various orders and issuances of the Government Procurement Policy Board (GPPB) and the DPWH Bidding Documents, and old/incomplete manuals. Some of these documents have unclear, outdated, or conflicting provisions.

The use of the Procurement Manual was implemented under Department Order 151 issued July 15, 2016.



Institutionalization of 24/7 operations:

24/7 work schedule will be adopted on major high impact infrastructure projects. Moreover, DPWH shall strictly impose sanctions for violations to the guidelines for good housekeeping practices particularly on reckless dumping of spoils and debris and the inconsiderate stockpiling of materials and construction wastes.



Roads Leveraging Linkages of Industry and Trade (ROLL IT) Program - DTI-DPWH Convergence Program:

A Memorandum of Agreement on the DTI-DPWH Convergence Program on road connectivity for industry and trade development was signed last December 5, 2016 to facilitate the efficient and more coordinated efforts among the DTI and DPWH. Its main objective is to identify, prioritize and implement road access infrastructure leading to various manufacturing, industries & trade and economic zones.



Expansion of ISO 9001:2008 Certificate:

Additional 54 offices are now certified against the requirements of International Organization for Standardization (ISO) 9001:2008 standards after 35 new offices were awarded certification for the Department's Quality Management System.

Now included in the registration expansion are the five (5) Unified Project Management Offices (UPMO), the remaining 15 Regional Offices, and 15 District Engineering Offices (DEO) making all Bureaus and Services at the Central Office; all Unified Management Offices, all Regional Offices, and 17 pilot District Engineering Offices certified under ISO 9001: 2008 Quality Management System as audited by a third party auditor, the Anglo Japanese American (AJA) Registrars.

NATIONWIDE ACCOMPLISHMENTS

Under the CY 2016 DPWH Infrastructure Program, the Department has accomplished the following:



Constructed, improved and rehabilitated about 6,376.65 kilometers of roads, amounting to P92.17 Billion – 2,635 kilometers national, 3,250 kilometers secondary, and 472 kilometers tertiary roads.



Constructed and widened 30,419.19 lineal meters of bridges with a total value of P8.04 Billion and retrofitted/rehabilitated 48 bridges with a total value of P294 Million.



Undertook 1,385 flood control projects – which include the construction, repair or maintenance of dikes, seawalls, river control, revetment, river walls, drainage mains, waterways and other flood control structures and facilities; with a total value of P29.57 Billion to mitigate the catastrophic effects of flooding.



Implemented a total of 8,368 other infrastructure projects like local roads, farm-to-market roads, bridges along local roads, water systems, school buildings, national buildings and health centers, amounting to P43.46 Billion.

Additionally, as the government's implementing agency for infrastructure projects, the Department has accomplished the following projects of non-infrastructure agencies and other special projects:



Improved and/or built **719.74 kilometers of farm-to-market roads** in the amount of P5.6 Billion under the Department of Agriculture.



Constructed **3,226 academic, secondary and senior high school building projects under the Department of Education's Basic Education Facilities Fund (BEFF)** in the amount of P22.27 Billion.



Implemented a total of **92 projects funded from the Motor Vehicle User's Charge** at a cost of P1.01 Billion.



170 Disaster-Related Rehabilitation Projects amounting to P1.21 Billion.

FAST-TRACKED HIGH IMPACT PROJECTS

HIGH STANDARD HIGHWAY / EXPRESSWAYS



NAIA EXPRESSWAY, PHASE II

- The NAIA Expressway Project Phase II Project is a PPP project with a 4-lane elevated expressway starting at the end point of Phase I and ending at PAGCOR Entertainment City. It will provide access to NAIA Terminals 1, 2 and 3 as well as an interface with the Skyway and Cavite. Aside from the Main Viaduct, there are 13 entry and exit ramps as well as 3 connecting ramps. The NAIA Expressway alignment follows the existing road along Sales Avenue, Andrews Avenue, Electrical Road, above Paranaque River and NAIA Road.

- The project will benefit 80,000 travellers per day and is expected to reduce travel time from Skyway to Terminal 1 from 24.3 minutes to 8.2 minutes.

Project Cost: **P20.45B**

- Status: Ongoing, **99.10%** (as of December 2016)

TARLAC-PANGASINAN-LA UNION EXPRESSWAY

A 3-section 88.85-km expressway from Tarlac to La Union which will reduce travel time between Tarlac City, Tarlac and Rosario, La Union from 3.5 hours to 1 hour; and will benefit around 20,000 travelers per day.

Project Cost: **P24.415B**

Status:

Section 1 - Tarlac City to Rosales, Pangasinan (49.30 km) opened to traffic in April 2014

Section 2 - Rosales to Urdaneta City (13.72 km) opened to traffic in Feb. 2015

Section 3 - Ongoing, Overall Accomplishment **71.45%** (as of December 2016)



FLOOD CONTROL PROJECTS

MANDALUYONG MAIN DRAINAGE PROJECT

- Improvement of drainage system in Maysilo Area and its immediate vicinity.

Project Cost: **P 609.12 M** (FY 2012, 2013, 2014 GAA)

- Status: Phase II-Drainage Improvement Works Substantially completed at **96.72%** (as of 25 Dec. 2016)

- The Mandaluyong Main Drainage Project (Maysilo) is expected to protect 182 hectares, which is composed of 10 barangays and four major roads, namely Boni Avenue (East), Boni Avenue (West), San Francisco Street and Martinez Road. The inundation depth is expected to decrease from chest deep to just about six inches of flooding and decrease duration of flooding to only about 30 minutes. The completed drainage system is designed to meet the present and anticipated future stormwater runoff to mitigate the occurrence of flash flooding at Maysilo area and its immediate vicinity.

BLUMENTRITT INTERCEPTOR CATCHMENT AREA

- Construction/rehabilitation of drainage system from Estero De Sunog Apog to Piy Margal in Sampaloc, Manila

Project Cost: **P 622.00 M** (FY 2011, 2012, 2013, 2016, GAA)

- Status: The project is **completed** except for the pumping station funded in 2017.



NEDA APPROVED PROJECTS

(UNDER THE DUTERTE ADMINISTRATION)

WIDENING/IMPROVEMENT OF GEN. LUIS ST. KAYBIGA-POLO-NOVALICHES ROAD (APRIL 2018 – NOVEMBER 2020)

- Widening from 2 lanes to 4 lanes (2 lanes each direction) and to 6 lanes @ 4 major intersections of General Luis – Bagbaguin Maysan Road which extends from Quirino Highway (R-7) in Quezon City to Gen. Mac Arthur Highway (R-9) in Valenzuela City (Covering Quezon, Caloocan and Valenzuela Cities), Length = 9.00 km
- It will enhance the efficient of Gen. Luis – Kaybiga – Polo – Novaliches Road to support the rapid increase in population and urbanization. It will develop the competitiveness of the export industry in the cities of Valenzuela, Caloocan and Quezon by easing the traffic condition

 Project Cost: **P630M** (civil works), **P2.300B** (for RROW)

- **Status: On-going Detailed Engineering Design. NEDA Board approved the project last November 14, 2016**

METRO MANILA FLOOD MANAGEMENT PROJECT, PHASE 1

- Project includes modernization of drainage areas, minimizing solid waste in waterways, participatory housing and resettlement, project management, support, and coordination.
- With approximately 2 million beneficiaries, the objective of the project is to reduce flood risks in flood-prone areas of Metro Manila that are served by targeted pumping stations.
- DPWH and MMDA are the main implementing agencies, in close cooperation with LGUs, NHA, SHFC, NSWMC, etc.

 Project Cost: **P 23.465 B**

- **Status: Approved by the ICC-Cabinet Committee last August 2, 2016 and by the NEDA Board last September 14, 2016**



AWARDED PPP PROJECT

NLEX-SLEX CONNECTOR ROAD

- An 8 km- four lane expressway from C3 Road in Caloocan City to PUP, Sta. Mesa, Manila and will connect to common alignment of Skyway Stage 3, and traversing mostly along the PNR rail track.


 Project Cost: **P 23.465 B**

- **Status: Notice of Award was issued to Manila North Tollways Corporation (MNTC). Coordination meetings for the design phase is currently being conducted. Notice of Compliance was issued by DPWH to MNTC. Concession Agreement was signed last 23 November 2016.**
- **Construction Schedule: September 2018 - September 2020, Target early start of construction: 3rd Quarter of 2017**

DPWH STRATEGIC PROGRAMS AND POLICIES

The following programs included in the 10 point socio-economic agenda of President Rodrigo R. Duterte directly concerns the DPWH:

- Increase competitiveness and the ease of doing business.
- Accelerate annual infrastructure spending to account for 5% of GDP, with Public-Private Partnerships playing a key role.
- Promote rural and value chain development toward increasing agricultural and rural enterprise productivity and rural tourism.



DPWH identified the following key programs and policies that would have clear social and economic benefits especially to the marginalized including policies to improve infrastructure spending, to wit:

Traffic Decongestion Program:

- Construct/Improve/widen national roads and bridges.
- Construct by-passes and diversion roads.
- Construct flyovers, interchanges and underpasses.
- Expand and construct High-Standard Highway Network based on masterplan and technical studies.
- Use new construction methodology (one-day curing of concrete pavement through the use of accelerating admixture) to accelerate project implementation.
- Recover road right-of-way and clear obstructions on carriageway.

Integrated and Seamless Transport System:

- Construct/improve logistics infrastructure network in Northern Mindanao, Davao, SOCSARGEN and CARAGA.
- Construct/improve roads leading to growth corridors in Western Mindanao.
- Study and implement inter-island linkage projects through long-span bridges.
- Connect gaps along national roads.
- Construct/replace bridges.
- Upgrade, improve and rehabilitate/reconstruct national roads.
- Initiate studies on tunneling technology.

Public-Private Partnership Program:

- Augment and complement Locally-Funded and Foreign-Assisted projects.
- Construct High-Standard Highway Network based on Masterplan and Technical Studies

Convergence and Rural Road Development Program:

- Enhance access to tourism gateways, service centers and tourism sites in support of the development of the Tourism Clusters in the National Tourism Development Plan (NTDP).
- Construct/upgrade access roads to RORO ports/seaports and airports in coordination with Department of Transportation (DOTr).
- Construct/improve roads leading to manufacturing, industries & trade corridors under the Roads Leveraging Linkages of Industry and Trade (ROLL IT) Program in coordination Department of Trade and Industry (DTI).
- Construct Farm to Market Roads in support to the Agri-Infrastructure program of the Department of Agriculture (DA).
- Implement school building program of the Department of Education (DepED).

Livable, Sustainable and Resilient Communities:

Integrated Water Resources Management Program:

Structural Measures:

- Construct/rehabilitate Flood Mitigation Structures along Major River Basins and Principal Rivers.
- Construct water impounding projects to optimize use of water resources.
- Construct Water Supply/Septage & Sewerage/Rain Collectors.
- Upgrade/Improve drainage capacity.

Non-Structural Measures:

- Complete and update the flood control and drainage master plans and feasibility studies of Major River Basins and Principal Rivers.
- Clear waterway easements in coordination with LGUs and MMDA.
- Pursue accreditation of flood control engineers through capacity building and transfer of technology.

Disaster Risk Reduction and Climate Change Adaptation Program:

- Rehabilitate, retrofit and strengthen existing bridges.
- Provide safe access to highly vulnerable areas.
- Improve national roads vulnerable to flooding, landslide and slope failure.
- Build evacuation centers incorporating requirements prescribed by NDRRMC.
- Upgrade quality standards based on Design Guidelines, Criteria & Standards (DGCS) 2015 which incorporates resilient design to address climate change impacts to all infrastructures.
- Deploy equipment and manpower within 24 hours from the first advisory of NDRRMC, PAG-ASA and PHIVOLCS.

Infrastructure Support for Marginalized Sectors:

- Construct support facilities for marginalized sectors (senior citizens, physically challenged persons, women sector, etc.).
- The budget for the accessibility facilities for physically challenged persons significantly increased by 2,033% from P15 Million in 2016 to P320 Million in 2017.

Participatory Governance and Citizens' Engagement Program:

- Create a multi-media citizens feedback mechanism including a 24/7 Secretary's hotline
- Engage private sector in project identification, prioritization and monitoring.
- Improve dissemination of road works information through traffic navigation application like Waze.
- Initiate creation of the Infrastructure Monitoring and Advisory Group (IMAG).

Clean and Efficient Government:

- Sustain DPWH Quality Management System ISO 9001:2008 Certification and skills enhancement of technical manpower.
- Impose sanctions to erring DPWH officials and employees.
- Conduct random lifestyle check of persons of interest.
- Subject 100% of DPWH employees to drug testing.
- Include Drug testing in the medical exam as pre-employment requirement.
- Create new permanent positions to adopt to the increasing annual budget for infrastructure.

Improve Expenditure Performance:

- Create an Infrastructure Monitoring and Advisory Group (IMAG).
- Enforce 24/7 work schedule on major infrastructure projects implemented in urban areas.
- Use of Multi-Year Obligational Authority (MYOA) for multi-year infrastructure projects.
- Strictly impose calibrated sanctions/penalties on contractors with negative slippages.
- Strictly enforce uniform guidelines on suspension and blacklisting contractors/suppliers/consulting firms.
- Revisit level of authority of District Engineering Offices based on performance and absorptive capacity.
- Integrate physical and financial accomplishment to existing DPWH system for an integrated real time reporting.
- Expedite ROW resolution based on new ROW Law.
- Streamline procurement process based on New Procurement Manual.

STATUS OF MAJOR INFRASTRUCTURE PROJECTS



A. Public-Private Partnership (PPP) Projects

For Implementation

1. Cavite-Laguna Expressway (P35.682B)

- Status: IC review of Detailed Engineering Design (DED) of segments/sections ongoing.
- Advance target start of construction 1st quarter of 2017
- Schedule: 2017-2020

2. NLEX-SLEX Connector Road (P23.302B)

- Status: Concession Agreement was signed last 23 November 2016.
- DED Schedule: December 2016 – September 2017
- ROW Acquisition: September 2017-March 2020
- Construction Schedule: September 2018 - September 2020
- Target early start of construction: 3rd Quarter of 2017

B. Unified Project Management Office Official Development Assistance (ODA-Assisted) (UPMO) Projects

Ongoing:

1. Arterial (Plaridel) Road Bypass Project Phase II – JICA PH-P250: P3.341B (Loan P2.537B; GOP-P0.804B)

- Contract Package III
Schedule: July 2014-June 2017
Status: On-going, 84.91% (as of Dec. 2016)
- Contract Package IV
Schedule: May 2016-July 2018
Status: On-going, 18.50% (as of Dec. 2016)

2. Central Luzon Link Expressway, Phase I, Tarlac-Cabanatuan, Nueva Ecija – JICA PH-P249: P14.94B (Loan-P12.59B, GOP-2.34B)

- Package 1 - Tarlac Section, Tarlac
Schedule: May 2016-September 2018
Status: On-going, 9.697%
- Package 2 - Rio Chico River Bridge Section, Tarlac and Nueva Ecija
Schedule: Feb. 2016- Jan. 2020
Status: Contract Agreement for JICA concurrence
- Package 3 - Aliaga Section, Nueva Ecija
Schedule: Dec. 2016-Nov. 2019
Status: On-going, 0.005% accomplished
- Package 4 – Cabanatuan Section
Schedule: Oct. 2016-Oct. 2019
Status: On-going, 0.239% accomplished
- Package 5 – Construction of Zaragoza Interchange (bridge type) and access road of about 4.88 km for implementation by the third quarter of 2017.

3. Road Upgrading and Preservation Project, RUPP - JICA PH-P247: P34.156B (LP-21.383B GOP-P12.773B)

- Upgrading/Improvement
Schedule: July 2013-Nov. 2018
Status: 6 CPs Completed; 7 CPs Ongoing; 1 CP on Preconstruction stage

- Long Term Performance Based Maintenance
Schedule: August 2015-Dec. 2020
Status: 6 CPs-on-going
- Preventive Maintenance (Annual Year Program 1-3)
 - a. Year 2 – 15 CPs
Schedule: March 2015-May 2017
Status: 13 CPs Completed; 2 CPs On-going
 - b. Year 3 – 16 CPs
Status: (Some Projects are Not Yet Identified) - 13 CPs-identified for Validation and Detailed Engineering Design; 1CP on-going; 2 CP with contract under process.
- Institutional Capacity Development (ICD) – 13 CPs
Status: 11 CPs have been delivered while 1 CP is on-going and 1 CP is under procurement stage.

4. Millennium Challenge Corporation (MCC) Assisted Secondary National Roads Development Program (SNRDP) Wright-Taft-Borongan-Guiuan Road Project: P10.00 B (US\$ 214 MCC Grant)

- CP 1, Buray - Tinani Road
Schedule: June 2015-May 2016
Status: Completed
- CP 2, Tinani-Taft-Sulat Road
Schedule: Jul. 2013-December 31, 2016
Status: On-going, 98.72% as of December 2016
(Force Majeure by Typhoon Nina on Dec.16-17, 2016)
- CP 3, San Julian--Balangkayan Road
Schedule: Sep. 2012-March 13, 2016
Status: Completed
- CP 4, Llorente - Guiuan Road
Schedule: Apr. 2013-May 13, 2016
Status: Completed

5. National Roads Improvement and Management Program, Phase II, NRIMP 2 (World Bank-Assisted) Loan No. 7552-PH: P 28.943 B (LP-P 10.284B; GOP-P5.807B; MVUC-P12.684B; GRANT-P0.168B)

- Schedule: April 2009-Dec. 2016
- Completed:
 - 10 Road Improvement Projects - 250.13 km
 - Landslide Risk Mitigation-39 sites
 - 1 Bridge-196.74 km
 - 9 projects under the Preventive Maintenance Year 1 (117.81 km)
 - 9 projects under the Preventive Maintenance Year 2 (80.72 km),
 - 16 projects under the Preventive Maintenance Year 3 (385.595 km)
 - PM Yr. 4, 2-project (13.623km.)
- Ongoing:
 - 4 projects (681.213 km) under the Long Term Performance Based Maintenance Contract
 - 6-projects (61.393kms.)

6. Road Improvement and Institutional Development Project (RIIDP), ADB-Assisted: P 6.935 B (RIIDP Restructuring and ADB Loan Extension were approved on May 19, 2015)

- Schedule: Aug. 2013-June 2018
- Completed: 4 out of 10 Lots (159.657 kms)
- Ongoing: 3 Lots (78.485 kms)
- Under procurement stage : 3 Lots (101.659 kms)

7. Samar Pacific Coastal Road , Korean Economic Development Cooperation Fund (KEDCF) LA No. PHL-14: P 1.032 B (LP-P0.875B; GOP-P0.157B)

- Construction/improvement of 14.9 km road and 3 bridges (221 km)
- Pre-procurement Schedule: January 11, 2017
- Bidding Schedule: Feb. 28, 2017
- Target Schedule: June 2017-April 2019

For Implementation:

1. Metro Manila Interchange Construction Project VI (MMICP VI) (JICA PH-P 258): P4.024B (Loan-P3.346B; GOP-P0.678B)

- Approved by the NEDA Board in Oct. 2014
- DED is on-going. (Under Grant Loan)

2. Davao City By-Pass Construction Project: P19.81B, P 14.23B (Loan-P9.266B; GOP-P4.964B)

- Will reduce travel time via Pan-Philippine Highway and Diversion Road to forty-nine minutes and via Davao By-pass Road from one hour and forty-four minutes
- Total saved time: Fifty-five minutes (0:55)
- Status:
 - Project approved during the joint ICC-TB and ICC-CC discussion: 28 May 2015
 - Project was confirmed by the NEDA Board via ad referendum.

3. Panguil Bay Bridge, Korean Economic Development Cooperation Fund (KEDCF) Loan Agreement No. PHL-18: P4.859 B

- Bridge construction across Panguil Bay connecting Tangub City in Misamis Occidental and Tubod Municipality in Lanao del Norte.
- Schedule: 2017-2020
- Status:
 - Procurement of conceptual design and construction supervision is on-going.
 - The Technical proposal was submitted by shortlisted consultants and is under evaluation by the BAC.

4. Metro Manila Priority Bridges Seismic Improvement Project, PH-P260 (Guadalupe Bridge and Lambingan Bridge): P4.29B

- Replacements on Guadalupe Bridge: outer bridges, substructure, foundation of inner bridge
- Replacements on Lambingan Bridge:
 - vertical geometry improvement of both sides approach road

- Schedule:
 - May 2017 – April 2019 – Detailed Design and Tender Assistance
 - Jan. 2018 – Jan. 2019 – Selection of Construction Supervision Consultants
 - Feb. 2019 – Nov. 2022 – Construction Supervision
 - Feb. 2019 – April 2019 – Review of DED Plans
 - May 2019 – Nov. 2022 – Civil Works (includes 12mo. Liability period from Dec. 2021 – Nov. 2022)
- Status:
 - On-going procurement for Consulting Services of Detailed Engineering and Tender Assistance.

Proposed:

1. Dalton Pass East Alignment Alternative Road Project: P4.80B (estimated cost)

- Road, Bridges and Tunnel construction to connect provinces of Nueva Ecija in Region
- Status:
 - October 3, 2016 – DOF requested DFA through letter, assistance in facilitating the issuance of Note Verbale to the Embassy of Japan to formally convey Government's intent to secure grant financing from JICA to support the conduct of the F/S for the project.



C. Unified Project Management Office (UPMO) Projects – (Locally Funded)

1. Sen. Gil Puyat Ave.-Paseo De Roxas / Makati Avenue Vehicle Underpass Project: P1.012B (locally funded)

- Construction Schedule: June 2015 – July 2018
- Status:
 - Suspended due to non-issuance of excavation permit by the LGU.
 - DPWH has assisted contractor with this requirement by way of representations with the LGU for a waiver, or at least, lower the cost of the cash deposit for the excavation permit.
 - The Sangguniang Panglunsod of the City of Makati passed and approved City Ordinance No. 2016-A-009 amending City Ordinance No. 2001-062 requiring the posting of cash bond for the issuance of an excavation permit.
 - Under the newly approved City Ordinance No. 2016-A-009, FSI is required to post a cash deposit equivalent to 10% of the earthworks cost of the project (as defined in the DPWH Standard Specifications, 2013 Edition), or 10% of earthworks cost of P41.28M, equivalent to P4.128M.
 - The development was communicated to FSI last December 28, 2016 as final demand for them to post the cash bond deposit for the issuance of the necessary excavation permit.

2. Mindanao Roads Improvement Project

1. Basilan Circumferential Road (FY 2016 Projects)

- A. Contract Package 3A-Na (Isabela-Maluso Sumisip-Tumahubong Section):
 - P 0.239 B
 - Construction Schedule: Oct 2016 – Dec 2017
 - Status: On-going – 3.73%
- B. Contract Package 3B-1a (Tumahubong-Limbo Candilis Section)
 - Asphalt & Concreting -4.93 Km: P 0.103 B
 - Status: Contract under process
- C. Contract Package 3B-1b (Bacung, Guiong & Limbo Candilis Bridges)
 - Replacement of 2 Bridges (828 Im): P 0.044 B
 - Status: Contract under process

D. Contract Package 3B-Na (Tumahubong-Limbo Candilis Section)

- Concreting -6.186Km: P 0.212 B
- Status: Contract under process

2. Cotabato City East Diversion Road, 12.729 kms

- A. Contract Package I, Phase I (Road Opening (12.729 kms) including Construction of 3 Bridges (495 Im)) -excluding Esteros Bridge (46 Im) completed by Regional Office: P 0.709 B
 - Schedule: Nov. 2012-Dec. 2016
 - Status: On-going, 92.67%. Time Extension #8 on process
- B. Contract Package I, Phase II (PCCP-12.729 kms.): P 0.435 B
 - Original Schedule: Aug. 2014-April 2016
 - The project was 2.63% complete when it was mutually terminated on 01 June 2015 and turned over to DPWH RO XII

3. Lake Lanao Circumferential Road, 29.88 kms.

- A. Contract Package 2A-New (Isabela-Marawi-Masiu-Bayang Section), 14.51 kms: P0.709B
 - Schedule: Nov. 2012-Dec. 2016
 - Status: On-going, 92.67%. Time Extension #8 on process
- B. Contract Package 2B-New (Bayang-Ganassi-Pualas Section), 15.37 kms: P0.435B
 - Original Schedule: Aug. 2014-April 2016
 - The project was 2.63% complete when it was mutually terminated on 01 June 2015 and turned over to DPWH RO XII

4. Bridge Construction Replacement Program (BCRP) I and II ◦ 112 bridges are to be constructed under the Bridge Construction Replacement Program (BCRP) I and II.

- 58 bridges of BCRP I will be constructed in the Design and Build Scheme
- 54 bridges of BCRP II will be implemented using Regular Scheme.

BCRP I

- A. Contract Package 1B – 14 Bridges (732.10 Im), Region II (Cagayan and Isabela): P 781.259 M
 - Status: On-going procurement of Civil Works Contract.
 - Opening of Bids schedule: March 14, 2017
 - Schedule: Sept. 2017-Jan. 2019
- B. Contract Package 2 – 9 Bridges (991.22 Im), Region III (Nueva Ecija, Pampanga, Bataan, Aurora, Zambales): P 1,011.841 M
 - Status: On-going implementation of Civil Works.
 - Schedule: April 2016-Sept. 2017
- C. Contract Package 3 – 7 Bridges (606.40 Im), Region II and CAR (Apayao and Cagayan): P 632.0
 - Status: ABC is being revisited due to failure of previous bidding.
 - Bidding schedule: January 2017
 - Schedule: Sept. 2017-Nov. 2018
- D. Contract Package 3A – 6 Bridges (486.40 Im), CAR (Mountain Province, Benguet, Abra): P 554.597 M
 - Status: on-going review of ABC by BMC-UPMO.
 - Bidding schedule: February 2017
 - Schedule: Oct. 2017-Dec. 2018
- E. Contract Package 4 – 8 Bridges (287.00 Im), Region IV-A (Laguna, Batangas, Quezon): P 322.592 M
 - Status: on-going encoding of DUPA, ABC by Consultant.
 - Bidding schedule: February 2017
 - Schedule: Oct. 2017-Dec. 2018
- F. Contract Package 5 – 14 Bridges (705.00 Im), Region V (Albay, Camarines Norte, Sorsogon): P 817.667 M
 - Status: on-going encoding of DUPA, ABC by Consultant.
 - Bidding schedule: February 2017
 - Schedule: Oct. 2017-May 2019

BCRP II

A. Contract Package 1A – 1 Bridge (30.00 Im),
Region I (Ilocos Sur): P 37.671 M

- Status: on-going detailed engineering design by Consultant.
- Bidding schedule: May 2018
- Schedule: July 2018-April 2019

B. Contract Package 1 – 6 Bridges (595.80 Im), Region I, II, and III (Ilocos Sur, Pangasinan, Nueva Vizcaya, Bulacan, Cagayan): P 845.026 M

- Status: on-going detailed engineering design by Consultant.
- Bidding schedule: May 2017
- Schedule: July 2017-Aug. 2019

C. Contract Package 2 – 8 Bridges (439.14 Im),
Region IV-A, IV-B, and V (Batangas, Laguna, Palawan, Albay, Camarines Sur, Sorsogon): P 502.129 M

- Status: on-going detailed engineering design by Consultant.
- Bidding schedule: May 2017
- Schedule: July 2017-Aug. 2019

D. Contract Package 3 – 4 Bridges (495.00 Im),
Region VI (Iloilo, Negros Occidental): P 560.385 M

- Status: on-going detailed engineering design by Consultant.
- Bidding schedule: September 2017
- Schedule: Nov. 2017-Dec. 2019

E. Contract Package 4 – 5 Bridges (100.00 Im),
Region VII (Negros Occidental): P 111.283 M

- Status: on-going detailed engineering design by Consultant.
- Bidding schedule: September 2017
- Schedule: Nov. 2017-Dec. 2018

F. Contract Package 5 – 11 Bridges (459.49 Im),
Region IX (Zamboanga del Norte, Zamboanga Sibugay, Zamboanga del Sur): P 591.269 M

- Status: on-going detailed engineering design by Consultant.
- Bidding schedule: September 2017
- Schedule: Nov. 2017-Dec. 2019

G. Contract Package 6 – 5 Bridges (160.00 Im),
Region XI (Davao City, Davao del Sur, Davao del Norte, Compostela Valley): P 198.605 M

- Status: on-going detailed engineering design by Consultant.
- Bidding scheduled: September 2017
- Schedule: Nov. 2017-Dec. 2018

H. Contract Package 7 – 7 Bridges (469.00 Im),
Region XII (South Cotabato, North Cotabato, Sultan Kudarat): P 541.661 M

- Status: on-going detailed engineering design by Consultant.
- Bidding schedule: June 2018
- Schedule: Aug. 2018-Sep. 2020

I. Contract Package 8 – 7 Bridges (308.10 Im),
Region XIII (Agusan del Norte, Agusan del Sur, Surigao del Norte): P 444.888 M

- Status: on-going detailed engineering design by Consultant.
- Bidding schedule: June 2018
- Schedule: Aug. 2018-Sep. 2020

For implementation:

1. Bonifacio Global City-Ortigas Center Link Road Project (P1.950B) (locally funded)

- Phase I: Sta. Monica-Lawton Bridge
- 4-lane (2 lanes each direction) bridge across Pasig River connecting Lawton Ave. in Makati City and Sta. Monica St. in Pasig City.
 - Length: 613.77 m.

- Phase II-A: Lawton Ave.-Global City Viaduct
- 4-lane (2 lanes each direction) viaduct structure traversing Lawton Avenue onwards to the entrance of Bonifacio Global City in Makati City.
 - Length: 337m

2. UP-Miriam-Ateneo Viaduct along C-5/ Katipunan Avenue, Quezon City (P1.950B) (locally funded)

- Construction of one (1) unit, four (4) lane, divided at two (2) lane each direction, permanent viaduct with composite concrete decking structure materials. (Length-1,843.10 Im)
- Construction Schedule: July 2017 – February 2020
- Status: For Bidding by March 2017

3. EDSA-Taft Flyover (P2.70B)

- Construction of a 4-lane (2 lanes each direction) 3rd Level Flyover at the intersection of EDSA and Taft Ave. with a combination of pre-stressed concrete girders, steel girders and steel truss resting on bored pile foundations that starts between F.B. Harrison and Roxas Blvd. and ends from near approach of Tramo left turning flyover on EDSA. 1,696 m (Northbound), 1,046 m (Southbound).
- Status: On-going review of the Feasibility Study and Plan prior to re-submission to NEDA-ICC.
- Issues: DPWH has put the project on hold to give way to the construction of NAIA Expressway Phase II.
- Actions Taken: Monitoring of the progress of NAIA Expressway, Phase II

4. C-2 (Gov. Forbes St.)/R-7 (España St.) Interchange Project: P2.200B (estimated cost due to revision of design); Locally funded; P100M (for RROW)

- Four (4) lane (2 lanes each direction) 2nd level flyover along Gov. Forbes St. from Alcantara St. crossing Fajardo St., Loyola St., Espana Blvd., and Laong Laan St. and down ramp at mid-point of Maria Clara St. and Aragon St. in the City of Manila. It also involves the construction of a 433 Im (wider 1 lane) down ramp along Dimasalang St. and road improvement along Espana Blvd. Construction Schedule: Jan. 2018 – Oct. 2019
- Status: Feasibility Study is 80% complete
- March 2017 – complete Detailed Engineering Design (DED).
- The in-house consultant will apply for an amendment to the previously issued ECC for the project once the DED is approved.

FLOOD CONTROL PROJECTS

ON-GOING
PROJECTS

*Pasig-Marikina River Channel
Improvement Project, Phase III
(JICA PH-P252)*

Loan Details

- Loan Signing Date: March 30, 2012
- Loan Effectivity Date: July 3, 2012
- Loan Closing Date: July 3, 2019

Project Description

- Channel improvement works consisting of revetments with parapet walls (8.02 km), parapet walls (2.90 km), repair of existing revetment (0.80 km), riverbank excavation (6.20 km), riprap (6.20 km), drainage outlet (200 locations), dredging works (960,000 cu. m), dike embankment & road (1.82 km), drainage improvement (1.82 km), sluice structures (9 locations), bridge foundation protection (4 locations) at remaining sections of Pasig River and priority critical sections of Lower Marikina River.

Project Impact

- Decrease flood inundation by 18% equivalent to 750 hectares from 4,200 hectares to 3,450 hectares
- Reduce flood damages by P14.3 billion from P80.6 billion to P66.3 billion
- Reduce affected population by 0.2 million from 1.2 million to 1 million
- Eliminate flooding of 49,051 affected structures from 276,482 to 227,431

PROJECT COST
P 7.545 B
LOAN: P6.539B,
GOP: P1.006B

SCHEDULE / REMARKS

Contract Package No. 1-Pasig River Improvement (Del Pan Bridge to immediate vicinity of NHCS) L-9.80 km (both banks)

- Schedule: July 2014-June 2017
- Ongoing, 91.38%

Contract Package No. 2-Lower Marikina River Improvement (from confluence point with Napindan River Channel to diversion point of Manggahan Floodway) L-5.40km

- Schedule: June 2014-May 2017
- Ongoing, 93.88%

ON-GOING
PROJECTS

*Flood Risk Management Project
for Cagayan, Tagoloan and Imus
Rivers, FRIMP-CTI (JICA, PH-P253)*

Loan Details

- Loan Signing Date: March 30, 2012
- Loan Effectivity Date: July 3, 2012
- Loan Closing Date: July 3, 2020

Project Impact

- Aims to strengthen the capability of the PH in disaster risk management and to mitigate flood damage in high-risk vulnerable areas within the three selected principal river systems of Lower Cagayan, Tagoloan, and Imus

SCHEDULE / REMARKS

- Detailed Design was completed in Nov. 2014

PROJECT COST
P 7.545 B
(LOAN: P6.539B,
GOP: P1.006B)

Cagayan River:

- Revetment structures for the most eroded river banks located at Brgy. Alibago and Cataggaman, Tuguegarao City to address serious bank erosion resulting to loss of valuable lands in the targeted areas of Tuguegarao City and parts of Cagayan Province.

SCHEDULE / REMARKS

- Schedule: Aug. 2016 – Aug. 2019
- Status: On-going, 4.43%

Tagoloan River:

Construction of river dikes and partial excavation of river channel together with drainage channel improvement.

SCHEDULE / REMARKS

- Schedule: Apr. 2016 – March 2019
- Status: On-going, 15.58%

Imus River:

- Construction of two (2) off-site retarding basins along Imus River and Bacoar River located in Brgy. Buhay na Tubig and Brgy. Anabu.

- Schedule: Aug. 2016 – Aug. 2019
- Status: On-going, 0.29%

ON-GOING PROJECTS

Integrated Disaster Risk Reduction and Climate Change Adaptation Measures in the Low Lying Areas of Pampanga Bay (KEDCF, PHL-17)

Loan Details

- Loan Signing Date: Oct. 17, 2013
- Loan Effectivity Date: Feb. 14, 2014
- Loan Closing Date: Nov. 14, 2019

Project Description

Flood Control Measures

- Excavating and dredging of 20.30 km. – Third River
- Excavating and dredging of 10 km – Third River Eastern Branch
- Improving the flow of 11.30 km – Caduang Tete River
- Improving the flow of 11.70 km. – Sapang Maragul River
- Repair of Eight (8) sluice gates

Project Impact

- Will lessen the area affected by flooding, from 4,150 hectares (ha) to 23,780 ha; reduce flood depth from 1.4-2.9 m to 0.6-1.4 m; and shorten flood duration from 66 days to 17 days.



PROJECT COST
P 4.215 B
(LP-P3.268B;
GOP-P0.947B)

SCHEDULE / REMARKS

- Schedule: August 2017-August 2020
- Loan agreement was signed on 17 October 2013 and was made effective on 14 February 2014.
- Status: Detailed Design and Construction Supervision ongoing, 12.0%

ON-GOING PROJECTS

Flood Risk Management Project (FRIMP) in Cagayan de Oro River (JICA, PH-P259)

Loan Details

- Loan Signing Date: March 26, 2015
- Loan Effectivity Date: July 1, 2015
- Loan Closing Date: July 1, 2023

Project Description

- Earth dike: 6,695 meters along the river's left bank; 5,233 meters along the river's right bank;
- Concrete Flood Wall: 391 meters along the left bank; 2,868 meters along the right bank including 1,449 meters reinforced concrete/masonry slope protection;
- Gates and Drainage Outlets: 3 steel slide gates; 19 flap gates; 3 reinforced concrete box culverts; 18 reinforced pipe culverts; and 1 reinforced concrete headwall;
- Retarding basins: preserved 97 hectares of natural retarding basin; developed 13 hectares of natural retarding basin;
- New Road and Raising of Existing Road for Evacuation: 2,756 m; and
- Improved Kagayan Bridge

Project Impact

- Aims to strengthen the resilience of the communities along the Cagayan de Oro River stretch from the Macajalar Bay to the Pelaez Bridge to climate change and other hydrometeorological hazards by mitigating flood risk in the area.



PROJECT COST
P 4.215 B
(LP-P3.268B;
GOP-P0.947B)

SCHEDULE / REMARKS

- Schedule: April 2018-April 2022
- Loan agreement was signed on 26 March 2015 and was made effective on 01 July 2015.
- Consulting Services for Detailed Design is on-going, 16.08%

REGIONAL DEVELOPMENT

NATIONAL CAPITAL REGION

Showing the unrelenting effort to help decongest urban traffic, DPWH pursued various projects in the National Capital Region commonly known as Metro Manila and composed of the cities of Manila, Quezon City, Las Piñas, Makati, Malabon, Mandaluyong, Marikina, Muntinlupa, Navotas, Parañaque, Pasay, Pasig, San Juan, Taguig, and Valenzuela, including the only remaining municipality of Pateros.

As of CY 2016, the National Capital Region has a total of 1,159.569 kilometers of paved national roads.

Under the Regular Infrastructure Program, DPWH NCR was allotted a budget amounting to P19.22 Billion for calendar year 2016.

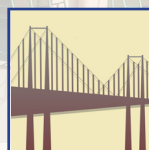
Among its accomplishments are the following:

99.58 KILOMETERS OF ROADS



Constructed, improved and rehabilitated about 99.58 kilometers of roads, amounting to P1.27 Billion in which 33.33 kilometers are primary national, 59.67 kilometers are secondary roads and 6.57 kilometers are tertiary roads

777.90 LINEAL METERS OF BRIDGES

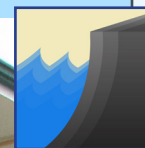


Constructed and widened 777.90 lineal meters of bridges with a total value of P48.89 Million.



MANDALUYONG MAIN DRAINAGE PROJECT (MAYSILO)

168 FLOOD CONTROL PROJECTS



Undertook 168 flood control projects which include the construction, repair or maintenance of dikes, seawalls, river control, revetment, river walls, drainage mains, waterways and other flood control structures and facilities; with a total value of P3 Billion to mitigate the catastrophic effects of flooding.

569 OTHER INFRASTRUCTURE PROJECTS



Implemented a total of 569 other infrastructure projects which include local roads and multi-purpose buildings amounting to P2.24 Billion.

Major Projects

Major projects completed are the construction of President Garcia Avenue (C-5) Extension Road from SLEX to Coastal Section Pres. Carlos P. Garcia (C-5) SLEX to Coastal Road, proposed bridge including permanent access of C-5 Road Extension, (North Bound), Parañaque City, Las Piñas City (DPWH CY 2015), costing P38.520 M; construction /rehabilitation/improvement of Drainage System at Blumentritt Interceptor Catchment Area (DPWH CY 2013), costing P523.961 M; construction/ widening of C-6 Extension, Taytay, Rizal (DPWH CY 2013), costing P74.394 M; widening/ improvement of R-10 including ROW, Malabon/Navotas/Manila Sta. 7+787 (Lapu-Lapu Ave.) to Sta. 8+413.75 (Extg. Bangkulasi Bridge) (DPWH CY 2010), costing P87.768 M; and improvement/ widening/construction of C-3 Road (PNR Tract – R-10)(DPWH CY 2015), costing P 68.816 M.

Additionally, as the government's implementing agency for infrastructure projects, the Region has accomplished the following projects of non-infrastructure agencies and other special projects:



Constructed **1 academic, secondary and senior high school building with 14 classrooms** under the Department of Education's Basic Education Facilities Fund (BEFF) in the amount of P4.75 Million.



Implemented a total of **6 projects funded from the Motor Vehicle User's Charge** at a cost of P70.88 Million.



RADIAL ROAD 10



PRESIDENT CARLOS P. GARCIA AVENUE(C-5)
EXTENSION ROAD PROJECT FROM SLEX TO COASTAL SECTION

CORDILLERA ADMINISTRATIVE REGION

Keen on promoting tourism, DPWH facilitated safer and reduced travel time through the provision of infrastructure facilities leading to major tourist hubs in the provinces of Abra, Apayao, Benguet, Ifugao, Kalinga and Mountain Province comprising the Cordillera Administrative Region.

CONNER ABUT ROAD, APAYAO



JUNCTION TALUBIN – BARLIG – NATONIN – PARACELIS – CALACCAD ROAD

Under the CY 2016 DPWH Infrastructure Program, the Cordillera Administrative Region has accomplished the following:



163.33 KILOMETERS OF ROADS

Constructed, improved and rehabilitated about 163.33 kilometers of roads, amounting to P7.74 Billion – 17.15 kilometers national, 48.08 kilometers secondary, and 98.09 kilometers tertiary roads.



282.94 LINEAL METERS OF BRIDGES

Constructed and widened 282.94 lineal meters of bridges with a total value of P597.20 Million.



210 OTHER INFRASTRUCTURE PROJECTS

Implemented a total of 210 other infrastructure projects like local roads, farm-to-market roads, bridges along local roads, water systems, school buildings, national buildings and health centers, amounting to P496.68 Million.

35 FLOOD CONTROL PROJECTS

Undertook 35 flood control projects – which include the construction, repair or maintenance of dikes, seawalls, river control, revetment, river walls, drainage mains, waterways and other flood control structures and facilities; with a total value of P1.01 Billion to mitigate the catastrophic effects of flooding.



Major Projects



Major projects completed are the 3.75 kms and 6.624 kms upgrading from gravel to paved of Banaue – Hungduan – Benguet – Boundary Road; 3.24 kms upgrading from gravel to paved of Kiangnan – Tinoc – Buguias Road; 5.76 kms upgrading from gravel to paved of Jct. Talubin – Barlig – Natonin – Paracelis – Calacac Road; - 8.15 kms upgrading from gravel to paved of Mountain Province – Isabela Road; and 6.18 kms upgrading from gravel to paved of Ubao – Taang Road.

Additionally, as the government's implementing agency for infrastructure projects, the Department has accomplished the following projects of non-infrastructure agencies and other special projects:



Improved and/or built **20.17 kilometers of farm-to-market roads** in the amount of P217.81 Million under the Department of Agriculture.



Constructed **38 academic, secondary and senior high school building projects** under the Department of Education's Basic Education Facilities Fund (BEFF) in the amount of P233.34 Million.



Implemented a total of **5 projects funded from the Motor Vehicle User's Charge** at a cost of P63.99 Million.



29 Disaster-Related Rehabilitation Projects amounting to P37.20 Billion.

KIANGAN-TINOC-BUGUIAS ROAD



REGION I

Driven by enthusiasm and vigor in upholding the Department's vision of improving the life of every Filipino through quality infrastructure, DPWH buckled down to work on the ground, so to speak, in implementing construction of quality infrastructure facilities in Region 1 or Northern Luzon Region composed of the provinces of Ilocos Norte, Ilocos Sur, La Union, and Pangasinan.



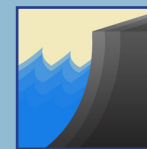
SAGPAT BRIDGE, BARANGAY SAGPAT, BANTAY, ILOCOS SUR

Under the CY 2016 DPWH Infrastructure Program, Region I has accomplished the following:



**214.67
KILOMETERS
OF ROADS**

Constructed, improved and rehabilitated about 214.67 kilometers of roads, amounting to P3 Billion – 112.06 kilometers national, 72.85 kilometers secondary, and 29.761 kilometers tertiary roads.



**220
FLOOD CONTROL
PROJECTS**

Undertook 220 flood control projects – which include the construction, repair or maintenance of dikes, seawalls, river control, revetment, river walls, drainage mains, waterways and other flood control structures and facilities; with a total value of P3.46 Billion to mitigate the catastrophic effects of flooding.



**447.47
LINEAL
METERS
OF BRIDGES**

Constructed and widened 447.47 lineal meters of bridges with a total value of P162.20 Million and retrofitted/rehabilitated 7 bridges with a total value of P38.60 Million.



**523 OTHER
INFRASTRUCTURE
PROJECTS**

Implemented a total of 523 other infrastructure projects like local roads, farm-to-market roads, bridges along local roads, water systems, school buildings, national buildings and health centers, amounting to P1.99 Billion.

6-CL SCHOOL BUILDING NALSIAH ELEMENTARY SCHOOL, BAYAMBANG, PANGASINAN





Major Projects



Major projects completed are the 2.58 kms concreting of Cervantes-Quirino Road; 4.207 kms, 9.01 kms and 8.70 kms improvement/widening of Manila North Road; 4.59 kms improvement/widening of Urdaneta Jct.-Dagupan Road; replacement of 81 lineal meters Tabuyoc Bridge along Manila North Road; and 3.75 kms and 3.23 kms upgrading/concreting of Batac-Pinili via Maipalig Road.

Additionally, as the government's implementing agency for infrastructure projects, the Department has accomplished the following projects of non-infrastructure agencies and other special projects:



Improved and/or built **61.54 kilometers of farm-to-market roads** in the amount of P405 Million under the Department of Agriculture.



Constructed **140 academic, secondary and senior high school building projects** under the Department of Education's Basic Education Facilities Fund (BEFF) in the amount of P531 Million.



Implemented a total of **14 projects funded from the Motor Vehicle User's Charge** at a cost of P125 Million.



15 Disaster-Related Rehabilitation Projects amounting to P20 Million.

REGION II

PAMPLONA BRIDGE

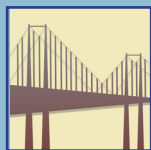
Demonstrating the tenacity in confronting challenges, DPWH intensified its efforts toward the completion of projects in Region II popularly known as the Cagayan Valley Region composed of the provinces of Batanes, Cagayan, Isabela, Nueva Vizcaya, and Quirino.

Under the CY 2016 DPWH Infrastructure Program, Region II has accomplished the following:



1,318.74 KILOMETERS OF ROADS

Constructed, improved and rehabilitated about 1,318.74 kilometers of roads, amounting to P4.56 Billion – 473.90 kilometers national, 758.73 kilometers secondary, and 86.11 kilometers tertiary roads.



163.16 LINEAL METERS OF BRIDGES

Constructed 163.16 lineal meters of bridges with a total value of P149.86 Million.



48 FLOOD CONTROL PROJECTS

Undertook 48 flood control projects – which include the construction, repair or maintenance of dikes, seawalls, river control, revetment, river walls, drainage mains, waterways and other flood control structures and facilities; with a total value of P767.73 Million to mitigate the catastrophic effects of flooding.



561 OTHER INFRASTRUCTURE PROJECTS

Implemented a total of 561 other infrastructure projects like local roads, farm-to-market roads, bridges along local roads, water systems, school buildings, national buildings and health centers, amounting to P2.13 Billion.



JUNCTION LOGAC - GAGABUTAN LASAM ROAD

Major Projects

Additionally, as the government's implementing agency for infrastructure projects, the Department has accomplished the following projects of non-infrastructure agencies and other special projects:

Major Projects completed are the replacement of 825 lineal meters Lucban bridge and approaches along Manila North Road, Abulug, Cagayan; 14.471 kms concreting of Junction Abbag-Guingin Boundary Road, Nagtipunan, Quirino; concreting of 3.63 kms Nueva Vizcaya-Pangasinan Road, Sta. Fe, Nueva Vizcaya; 8.12 kms widening of Daang Maharlika/Asian Highway-26 Daang Maharlika, Cabagan, Isabela; 8.25 kms widening of Daang Maharlika/Asian Highway-26 Daang Maharlika, Tumauini and Ilagan, Isabela; concreting of 3.96 lineal meters Bambang-Kasibu-Solano Road, Kasibu, Nueva Vizcaya.



Improved and/or built **43.02 kilometers of farm-to-market roads** in the amount of P350.968 Million under the Department of Agriculture.



Constructed **200 academic, secondary and senior high school building projects** under the Department of Education's Basic Education Facilities Fund (BEFF) in the amount of P1.52 Billion.



Implemented a total of **5 projects funded from the Motor Vehicle User's Charge** at a cost of P54.31 Million.



13 Disaster-Related Rehabilitation Projects amounting to P18.11 Million.

JUNCTION VICTORIA-MADELLA-ALICIA-KASIBU BOUNDARY ROAD



JUNCTION VICTORIA-MADELLA-ALICIA KASIBU BOUNDARY ROAD

NAMABBALAN FLOOD CONTROL PHASE I



BAMBANG KASIBU SOLANO ROAD, QUEZON, NUEVA VIZCAYA

REGION III

Resources and manpower of DPWH are harnessed to spur economic growth for the vast central plains of the island of Luzon in Region III otherwise known as Central Luzon Region with its seven (7) provinces namely Aurora, Bataan, Bulacan, Nueva Ecija, Pampanga, Tarlac and Zambales.

Under the CY 2016 DPWH Infrastructure Program, Region III has accomplished the following:



**228.55
KILOMETERS
OF ROADS**

Constructed, improved, rehabilitated and widened about 228.55 kilometers of roads, amounting to P3.88 Billion – 74.32 kilometers national, 118.89 kilometers secondary, and 35.34 kilometers tertiary roads.



**2,711.94
LINEAL
METERS
OF BRIDGES**

Constructed, rehabilitated, widened, and repaired/retrofitted 2,711.94 lineal meters of bridges with a total value of P822.08 Million.



**213
FLOOD
CONTROL
PROJECTS**

Undertook 213 flood control projects – which include the construction, repair or maintenance of dikes, seawalls, river control, revetment, river walls, drainage mains, waterways and other flood control structures and facilities; with a total value of P5.65 Billion to mitigate the catastrophic effects of flooding.



**702 OTHER
INFRASTRUCTURE
PROJECTS**

Implemented a total of 702 other infrastructure projects like local roads, farm-to-market roads, bridges along local roads, water systems, school buildings, national buildings, multi-purpose buildings, day care centers and health centers, amounting to P3.63 Billion.



CASIGURAN TOWN PROPER TO
CASAPSAPAN TO DINIOG ROAD





BALER - CASIGURAN ROAD

Major Projects

Major projects completed are the 3.68 kms upgrading of Dinadiawan – Madella Road, Aurora; 821.39 lineal meters diking with slope protection works at Gumain-Porac River, Lubao, Pampanga; 5.62 kms improvement/widening of Roman Expressway, Mariveles Bataan; 5.17 kms. construction of new Pulilan – Baliuag Diversion Road including Bridge, Pulilan, Bulacan; 9.63 kms and 6.74 kms upgrading of Baler – Casiguran Road, Dinadiawan - Casiguran Section, Aurora; 2.60 kms upgrading of Dinadiawan-Madella Road, Aurora; 8.14 kms. road concreting with drainage and slope protection works from Casiguran town proper leading to Casapsapan and Casapsapan to Diniog Road, Aurora; 3.46 kms. rehabilitation of Manila North Road (intermittent Sections), Bulacan.

Additionally, as the government's implementing agency for infrastructure projects, the Department has accomplished the following projects of non-infrastructure agencies and other special projects:



Improved and/or built **67.29 kilometers of farm-to-market roads** in the amount of P429.82 Million under the Department of Agriculture.



Implemented a total of **22 projects funded from the Motor Vehicle User's Charge** at a cost of P349.57 Million.



Constructed **117 academic, secondary and senior high school building projects** under the Department of Education's Basic Education Facilities Fund (BEFF) and PAGCOR in the amount of P2.60 Billion.



52 Disaster-Related Rehabilitation projects amounting to P620.71 Million.



GUMAIN - PORAC SLOPE PROTECTION

REGION IV-A

As prime mover in infrastructure development, DPWH managed to deliver quality projects that would encourage development and progress in the provinces of Cavite, Laguna, Batangas, Rizal and Quezon comprising Region 4-A or CALABARZON.

Under the CY 2016 DPWH Infrastructure Program, Region IV-A has accomplished the following:



**250.31
KILOMETERS
OF ROADS**

Constructed, improved and rehabilitated about 250.31 kilometers of roads, amounting to P6.10 Billion – 84.51 kilometers national, 135.12 kilometers secondary, and 30.68 kilometers tertiary roads.



**668.81 LINEAL
METERS
OF BRIDGES**

Constructed 668.81 lineal meters of bridges with a total value of P617.30 Million.



**146
FLOOD
CONTROL
PROJECTS**

Undertook 146 flood control projects – which include the construction, repair or maintenance of dikes, seawalls, river control, revetment, river walls, drainage mains, waterways and other flood control structures and facilities; with a total value of P3.36 Billion to mitigate the catastrophic effects of flooding.



**1,132
INFRASTRUCTURE
PROJECTS**

Implemented a total of 1,132 other infrastructure projects like local roads, farm-to-market roads, bridges along local roads, water systems, school buildings, national buildings, multi-purpose buildings, day care centers and health centers, amounting to P8.14 Billion.

MULANAY-SAN FRANCISCO ROAD, QUEZON



FLOOD CONTROL STRUCTURES ALONG HINGOSO RIVER, SAN ISIDRO IBABA-SAN VICENTE SECTION, GEN. LUNA, QUEZON

Major Projects

Major projects completed are the improvement/widening of Manila - Batangas Road (Section I: K0088+330.0–K0090+153.00, Section II: K0092+281.0–K0092+900.00); concrete paving with drainage and slope protection along Abuyon-Buenavista Road, Brgy. Hagonghong-Guinhalinan, Quezon; concrete paving with drainage and slope protection along MSR Jct Lopez-Catanauan; concrete paving with drainage and slope protection along San Francisco-San Andres-San Narciso Road, Quezon.

Additionally, as the government's implementing agency for infrastructure projects, the Department has accomplished the following projects of non-infrastructure agencies and other special projects:

CONSTRUCTION OF COASTAL ROAD ALONG TAAL LAKE CIRCUMFERENTIAL ROAD, SAN NICOLAS-STA. TERESITA-ALITAGTAG, BATANGAS



NASUGBU-LIAN-CALATAGAN ROAD, INCLUDING DRAINAGE IMPROVEMENT, NASUGBU, BATANGAS



Improved and/or built **48.7 kilometers of farm-to-market roads** in the amount of P593.73 Million under the Department of Agriculture.



Implemented a total of **7 projects funded from the Motor Vehicle User's Charge** at a cost of P67.13 Million.



Constructed **58 academic, secondary and senior high school building projects** under the Department of Education's Basic Education Facilities Fund (BEFF) in the amount of P286.45 Million.



6 Disaster-Related Rehabilitation Projects amounting to P73.15 Million.

REGION IV-B

A haven for tourism, DPWH has responded to the growing demand for better transport facilities leading to known tourism spots in the island provinces of Mindoro Occidental, Mindoro Oriental, Marinduque, Romblon, and Palawan that formed the MiMaRoPa Region or Region IV-B.

Under the CY 2016 DPWH Infrastructure Program, Region IV-B has accomplished the following:



82.2 KILOMETERS OF ROADS

Constructed, improved and rehabilitated about 82.2 kilometers of roads, amounting to P2.28 Billion – 42.8 kilometers secondary and 39.4 kilometers tertiary roads.



323.03 LINEAL METERS OF BRIDGES

Constructed 323.03 lineal meters of bridges with a total value of P270 Million.

ACCESS ROAD FROM BRGY. BAHILE TO OYSTER DETACHMENT, PUERTO PRINCESA CITY

TAYTAY - EL NIDO ROAD, PALAWAN (IBAJAY-MABINI-SANDOVAL ROAD, PALAWAN)



52 FLOOD CONTROL PROJECTS

Undertook 52 flood control projects – which include the construction, repair or maintenance of dikes, seawalls, river control, revetment, river walls, drainage mains, waterways and other flood control structures and facilities; with a total value of P645 Million to mitigate the catastrophic effects of flooding.



259 OTHER INFRASTRUCTURE PROJECTS

Implemented a total of 259 other infrastructure projects like local roads, farm-to-market roads, bridges along local roads, water systems, school buildings, national buildings, multi-purpose buildings, day care centers and health centers, amounting to P1.30 Billion.



ROAD OPENING IN BRGY. PORT BARTON-BRGY. KEMDENG
BRGY. POBLACION LEADING TO SAN VICENTE AIRPORT,
SAN VICENTE, PALAWAN

Additionally, as the government's implementing agency for infrastructure projects, the Department has accomplished the following projects of non-infrastructure agencies and other special projects:

Major Projects



Major projects completed are the 4.40 kms. and 3.95 kms. concreting of Coron-Busuanga Road, Busuanga Island, Palawan.



Improved and/or built **36.33 kilometers of farm-to-market roads** in the amount of P320 Million under the Department of Agriculture.



Constructed **164 academic, secondary and senior high school building projects** under the Department of Education's Basic Education Facilities Fund (BEFF) in the amount of P1.82 Billion.



Implemented a total of **2 projects funded from the Motor Vehicle User's Charge** at a cost of P15.61 Million.



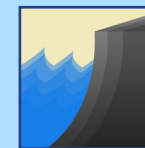
28 Disaster-Related Rehabilitation Projects amounting to P81.99 Million.

REGION V

Exemplary effort combined with technical experience and focused mentality enhanced interprovincial and interregional movement of people, goods and services in Region V or Bicol Region composed of the provinces of Albay, Catanduanes, Camarines Norte, Camarines Sur, Masbate, and Sorsogon.

Under the CY 2016 DPWH Infrastructure Program, Region V has accomplished the following:

MAYON-MARIAWA-PURO ROAD LEADING TO EMBARCADERO DE LEGAZPI AND PROPOSED BICOL INTERNATIONAL AIRPORT, LEGAZPI CITY, ALBAY



81 FLOOD CONTROL PROJECTS

Undertook 81 flood control projects – which include the construction, repair or maintenance of dikes, seawalls, river control, revetment, river walls, drainage mains, waterways and other flood control structures and facilities; with a total value of P2.26 Billion to mitigate the catastrophic effects of flooding.



658 OTHER INFRASTRUCTURE PROJECTS

Implemented a total of 658 other infrastructure projects like local roads, farm-to-market roads, bridges along local roads, water systems, school buildings, national buildings, multi-purpose buildings, day care centers and health centers, amounting to P2.38 Billion.



140.84 KILOMETERS OF ROADS

Constructed, improved and rehabilitated about 140.84 kilometers of roads, amounting to P2.58 Billion – 30.62 kilometers national, 81.22 kilometers secondary and 29 kilometers tertiary roads.

1,006.03 LINEAL METERS OF BRIDGES

Constructed 1,006.03 lineal meters of bridges with a total value of P500 Million.



ACCESS ROADS LEADING TO AIRPORTS, SEAPORTS AND DECLARED TOURISM DESTINATION, STO. DOMINGO - MISIBIS ROAD LEADING TO CAGRARAY ISLAND VIA SULA BRIDGE, ALBAY



DAANG MAHARLIKA-ASIAN HIGHWAY, SAN VICENTE CASTILLA, SORSOGON

Additionally, as the government's implementing agency for infrastructure projects, the Department has accomplished the following projects of non-infrastructure agencies and other special projects:



Improved and/or built **38.18 kilometers of farm-to-market roads** in the amount of P344 Million under the Department of Agriculture.



Constructed **47 academic, secondary and senior high school building projects** under the Department of Education's Basic Education Facilities Fund (BEFF) in the amount of P97 Million.

SAWANGA NATIONAL HIGH SCHOOL,
SAWANGA, SORSOGON CITY

Major Projects



Major projects completed are the upgrading with slope protection of Bula-Nabua Section, Daang Maharlika Highway, Camarines Sur; Bacon-Manito Road, Sorsogon; construction/improvement of dikes/revetment along Quinale Talisay River, Bicol River Basin and Watershed Management Project (flood mitigation component), Albay; improvement of Rolando A. Andaya Highway; concrete paving of Tinambac-Siruma Road, Camarines Sur; concrete paving of Jct. Morning, Cataingan- Esperanza Port Road, Masbate; concrete paving of Mayon-Mariawa-Puro Road leading to Embarcadero de Legazpi and the proposed Bicol International Airport, Albay; upgrading of Pioduran-Donsol Road leading to Butanding Site, Pioduran, Albay; and concrete paving of Sto. Domingo-Misibis Road leading to Cagraray Island via Sula Bridge, Albay;

Also completed are the following: concrete paving of Virac Tourism Corridor (San Andres Virac Coastal Road), Catanduanes; concrete paving of San Juan Alas-Tagpu-Dayao Road leading to Mandaon Ecotourism Sites, Mandaon, Masbate;

concrete paving of Junction national road Sitio Calulod-B. Titong-Ubongan Dacu Section leading to various tourism sites, Masbate City, Masbate; widening of Daang Maharlika; widening of Ligao-Pio Duran Rd; improvement of Parian-Caguiba Section and Calpi-Cullat-Bololo-Tulatula Section, Camarines Sur/Albay Diversion Road, San Fernando-Oas-Daraga Section, Camarines Sur/Albay; construction of Victory Pumping Station Phase II including Right-of-Way (ROW) acquisition and improvements, Legazpi City; concrete paving of Catanduanes Circumferential Road; improvement of access road network leading to Bicol International Airport, GuiCaDale Roads, Salvacion-White Deer Section including Bridges, Albay; improvement of Cagraray Circumferential Road and access roads leading to Cagraray Island (Misibis Bay), Cagraray Island, Misibis-Cagbulacao-Cagraray-Cawayan-Pigcobo-Tambilagan, Bacacay, Albay; concrete paving of Mayon-Bigao-San Vicente-Ibungan-Gogon Section leading to Donsol (GuiCaDale Platform Roads), Albay; and concrete paving of Donsol-Sta. Cruz Road leading to Butanding, Donsol, Sorsogon.



REGION VI

DPWH has been potent and ever reliable in bringing vital programs and services to our people, most especially the much needed physical infrastructure projects in Region 6 or Western Visayas Region composed of Aklan, Antique, Capiz, Iloilo, and Guimaras.

Under the CY 2016 DPWH Infrastructure Program, Region VI has accomplished the following:



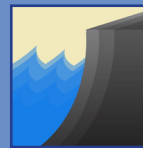
88.12 KILOMETERS OF ROADS

Constructed, improved and rehabilitated about 88.12 kilometers of roads, amounting to P2.25 Billion – 45.46 kilometers national, 26.30 kilometers secondary and 16.36 kilometers tertiary roads.



924.73 LINEAL METERS OF BRIDGES

Constructed 924.73 lineal meters of bridges with a total value of P193.09 Million and 30 projects retrofitted with a total value of P123.09.



29 FLOOD CONTROL PROJECTS

Undertook 29 flood control projects – which include the construction, repair or maintenance of dikes, seawalls, river control, revetment, river walls, drainage mains, waterways and other flood control structures and facilities; with a total value of P505.76 Million to mitigate the catastrophic effects of flooding.



244 OTHER INFRASTRUCTURE PROJECTS

Implemented a total of 244 other infrastructure projects like local roads, farm-to-market roads, bridges along local roads, water systems, school buildings, national buildings, multi-purpose buildings, day care centers and health centers, amounting to P899.04 Million.

ILOILO (LEON)-ANTIQUE BOUNDARY ROAD

Major Projects



Major projects completed are the 1.81 kms concreting of Iloilo East Coast – Capiz Road; 5.0 kms concreting of Jct. Iloilo East Coast Capiz Road, Jct. Passi San Enrique Garrita Road leading to Banate Port; construction of 430.40 lineal meters slope protection along Roxas City Circumferential Road; 370.20 lineal meters construction/rehabilitation of Barotac Viejo River Control, Brgy. Poblacion Ilawod, Barotac Viejo; and 2.07 kms concreting of Circumferential Road, Barangay Granada (Langub-Piagao), Carles, Iloilo.

Additionally, as the government's implementing agency for infrastructure projects, the Department has accomplished the following projects of non-infrastructure agencies and other special projects:



Improved and/or built **119.05 kilometers of farm-to-market roads** in the amount of P264.64 Million under the Department of Agriculture.



Constructed **685 academic, secondary and senior high school building projects** under the Department of Education's Basic Education Facilities Fund (BEFF) in the amount of P1.07 Billion.

NEGROS ISLAND REGION

DPWH prides its invaluable contribution with the completion of key infrastructure projects to help accelerate the social and economic development of cities and municipalities of Negros Occidental which was carved from Region VI and Negros Oriental from Region VII to form Negros Island Region which was created in May 29, 2015 under Executive Order 183.

Under the CY 2016 DPWH Infrastructure Program, Negros Island Region has accomplished the following:



**46.39
KILOMETERS
OF ROADS**

Constructed, improved and rehabilitated about 46.39 kilometers of roads, amounting to P971.90 Million – 8.54 kilometers national, 37.85 kilometers secondary roads.



**814.80
LINEAL
METERS OF
BRIDGES**

Constructed and widened 814.80 lineal meters of bridges with a total value of P404.26 Million.

BACOLOD SILAY AIRPORT ACCESS ROAD, TALISAY AND SILAY CITY, NEGROS OCCIDENTAL



SILAY - PATAG ACCESS ROAD LEADING TO PATAG VALLEY



**30
FLOOD
CONTROL
PROJECTS**

Undertook 30 flood control projects – which include the construction, repair or maintenance of dikes, seawalls, river control, revetment, river walls, drainage mains, waterways and other flood control structures and facilities; with a total value of P503.21 Million to mitigate the catastrophic effects of flooding.



**325
OTHER
INFRASTRUCTURE
PROJECTS**

Implemented a total of 325 other infrastructure projects like local roads, farm-to-market roads, bridges along local roads, water systems, school buildings, national buildings, multi-purpose buildings, day care centers and health centers, amounting to P830.69 Million.



CONCEPCION - ALEGRIA

Additionally, as the government's implementing agency for infrastructure projects, the Department has accomplished the following projects of non-infrastructure agencies and other special projects:

Major Projects

Major projects completed are the 5.24 kms, 3.33 kms, and 8.85 kms rehabilitation of Bacolod South Road, Kabankalan-Hinobaan Section (intermittent), Negros Occidental; 5.89 kms rehabilitation of Silay-Lantawan-Patag Access Road to Bacolod Silay Airport, Negros Occidental; 3.22 kms, 3.88 kms, and 3.03 kms rehabilitation of Bacolod North Road (intermittent sections) 2.09 kms widening of Bacolod North Road; 5.25 kms widening of Bacolod South Road; 2.98 kms widening of Bacolod Circumferential Road (south); 7.68 kms concrete paving of Dancalan-Candoni-Damutan Valley Road; 4.63 kms concrete paving of Jct. D.S. Benedicto-Spur 16-Calatrava Road; widening of Malogo Bridge along Bacolod North Road; and 2.76 kms concrete paving of Jct. National Road Talisay-Concepcion-Murcia Road leading to Campuestuhan Resort, Talisay, Negros Occidental.



Improved and/or built **13.42 kilometers of farm-to-market roads** in the amount of P147.20 Million under the Department of Agriculture.



Constructed **70 academic, secondary and senior high school building projects** under the Department of Education's Basic Education Facilities Fund (BEFF) in the amount of P196.23 Million.



Implemented a total of **7 projects funded from the Motor Vehicle User's Charge** at a cost of P19.97 Million.



4 Disaster-Related Rehabilitation Projects amounting to P14.50 Million.

REGION VII

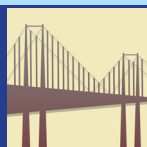
Known for its rich cultural and historical heritage, infrastructure investment has been recognized as a critical pillar in economic development in Region VII or Central Visayas Region composed of the provinces of Bohol, Cebu, and Siquijor

Under the CY 2016 DPWH Infrastructure Program, Region VII has accomplished the following:



163.95 KILOMETERS OF ROADS

Constructed, improved and rehabilitated about 163.95 kilometers of roads, amounting to P3.70 Billion – 30.51 kilometers national and 118.97 kilometers secondary roads.



816.13 LINEAL METERS OF BRIDGES

Constructed 816.13 lineal meters of bridges with a total value of P312.67 Million



65 FLOOD CONTROL PROJECTS

Undertook 65 flood control projects – which include the construction, repair or maintenance of dikes, seawalls, river control, revetment, river walls, drainage mains, waterways and other flood control structures and facilities; with a total value of P1.27 Billion to mitigate the catastrophic effects of flooding.



556 INFRASTRUCTURE PROJECTS

Implemented a total of 556 other infrastructure projects like local roads, farm-to-market roads, bridges along local roads, water systems, school buildings, national buildings, multi-purpose buildings, day care centers and health centers, amounting to P2.78 Billion.



CURVA-MEDELLIN-DAANBANTAYAN ROAD, CEBU

Major Projects

Major projects completed are the 6 kms concreting of Curva-Medellin-Daanbantayan Road, Cebu; 2.63 kms concreting of Balilihan-Hanopol-Batuan Road, Bohol; 2.583 kms road opening including slope protection of Dalaguete-Mantalongon-Badian Road, Cebu; and concreting/widening of Ouano Avenue, Mandaue Causeway, Cebu.



Additionally, as the government's implementing agency for infrastructure projects, the Department has accomplished the following projects of non-infrastructure agencies and other special projects:

Improved and/or built **36.19 kilometers of farm-to-market roads** in the amount of P323.81 Million under the Department of Agriculture.



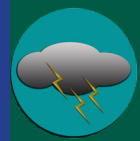
Constructed **685 academic, secondary and senior high school building projects** under the Department of Education's Basic Education Facilities Fund (BEFF) in the amount of P3.55 Billion.



Implemented a total of **15 projects funded from the Motor Vehicle User's Charge** at a cost of P58.50 Million.



3 Disaster-Related Rehabilitation Projects amounting to P83.59 Million.



BALILIHAN-HANOPOL-BATUAN ROAD, BOHOL

REGION VIII

NAUNGAN FOOTBRIDGE, ORMOC

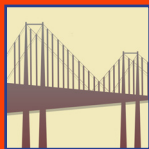
Eastern Visayas recovery from the aftermath of the 2013 Supertyphoon Yolanda had been steadfast through the massive infrastructure rehabilitation projects of the DPWH in the provinces of Biliran, Eastern Samar, Leyte, Northern Samar, Samar, and Southern Leyte.,

Under the CY 2016 DPWH Infrastructure Program, Region VIII has accomplished the following:



**715.01
KILOMETERS
OF ROADS**

Constructed, improved and rehabilitated about 715.01 kilometers of roads, amounting to P8.49 Billion – 633.25 kilometers national and 81.76 kilometers secondary roads.



**1,226.31
LINEAL METERS OF
BRIDGES**

Constructed 1,226.31 lineal meters of bridges with a total value of P1.40 Billion.



**96 FLOOD
CONTROL
PROJECTS**

Undertook 96 flood control projects – which include the construction, repair or maintenance of dikes, seawalls, river control, revetment, river walls, drainage mains, waterways and other flood control structures and facilities; with a total value of P2.57 Billion to mitigate the catastrophic effects of flooding.



**634 OTHER
INFRASTRUCTURE
PROJECTS**

Implemented a total of 634 other infrastructure projects like local roads, farm-to-market roads, bridges along local roads, water systems, school buildings, national buildings, multi-purpose buildings, day care centers and health centers, amounting to P5.71 Billion.



ORMOC DIVERSION ROAD

Major Projects

Major projects completed are the construction of Daguitan-Marabong River Flood Control Structures (267 lineal meters concrete revetment on steel sheet piles foundation and excavation/dredging of 432 lineal meters river channel embankment), Julita, Leyte; construction/extension of Daguitan-Marabong River Flood Control Structures, Dulag, Leyte; 4.16 kms. widening including drainage and slope protection of Palo-Carigara-Ormoc Road, Leyte; 2.20 kms concrete paving of Himayangan – Silago – Abuyog Boundary Road, Silago, Southern Leyte; 1.94 kms improvement/widening of Daang Maharlika, Sogod, Southern Leyte; and construction/improvement of Ma. Clara-Cagnituan Road leading to Maasin City Tourism Loop, Maasin, Southern Leyte.

Additionally, as the government's implementing agency for infrastructure projects, the Department has accomplished the following projects of non-infrastructure agencies and other special projects:



Improved and/or built **61 kilometers of farm-to-market roads** in the amount of P279 Million under the Department of Agriculture



Constructed **248 academic, secondary and senior high school building projects** under the Department of Education's Basic Education Facilities Fund (BEFF) in the amount of P1.99 Billion.



Implemented a total of **1 project funded from the Motor Vehicle User's Charge** at a cost of P6.30 Million.



20 Disaster-Related Rehabilitation Projects amounting to P262.69 Million.

ORMOC SENIOR HIGHSCHOOL



REGION IX

The challenge of bringing development to as many communities as possible has been a continuing effort for the DPWH in Region 9 or Western Mindanao Region composed of the provinces of Basilan, Zamboanga del Norte, Zamboanga del Sur, Zamboanga Sibugay, Jolo and Tawi-Tawi.

Under the CY 2016 DPWH Infrastructure Program, Region IX has accomplished the following:



**180.68
KILOMETERS
OF ROADS**

Constructed, improved and rehabilitated about 180.68 kilometers of roads, amounting to P5.50 Billion – 48.39 kilometers national, 68.52 kilometer secondary and 58.70 kilometers tertiary roads.



**869.36
LINEAL
METERS
OF BRIDGES**

Constructed 869.36 lineal meters of bridges with a total value of P761.78 Million.



SANGA SANGA-LAPID LAPID, SILDANG BATO ROAD, TAWI TAWI



PIÑAN-MUTIA ROAD



**43 FLOOD
CONTROL
PROJECTS**

Undertook 43 flood control projects – which include the construction, repair or maintenance of dikes, sea-walls, river control, revetment, river walls, drainage mains, waterways and other flood control structures and facilities; with a total value of P1.42 Billion to mitigate the catastrophic effects of flooding.



**634 OTHER
INFRASTRUCTURE
PROJECTS**

Implemented a total of 369 other infrastructure projects like local roads, farm-to-market roads, bridges along local roads, water systems, school buildings, national buildings, multi-purpose buildings, day care centers and health centers, amounting to P1.44 Billion.

Major Projects

Major projects completed are the 3.68 kms upgrading of Siocon-Sirawai-Sibuco-Limpapa Road, Zamboanga del Norte; and 4.41 kms concreting Jolo-Indanan-Parang-Silangkan Road, Sulu.

LANGATIAN NATIONAL HIGH SCHOOL PRESIDENT MANUEL ROXAS,
ZAMBOANGA DEL NORTE



Additionally, as the government's implementing agency for infrastructure projects, the Department has accomplished the following projects of non-infrastructure agencies and other special projects:



Improved and/or built **28.35 kilometers of farm-to-market roads** in the amount of P371.95 Million under the Department of Agriculture.



Constructed **183 academic, secondary and senior high school building projects** under the Department of Education's Basic Education Facilities Fund (BEFF) in the amount of P2.11 Billion.



Implemented a total of **1 project funded from the Motor Vehicle User's Charge** at a cost of P95.42 Million.

REGION X

Inspired by the reform program, the renewed commitment to speed up implementation of projects has resulted to high accomplishment performance of DPWH in Region X or Northern Mindanao and composed of the provinces of Misamis Oriental, Misamis Occidental, Lanao del Sur, Lanao del Norte, Camiguin and Bukidnon.

Under the CY 2016 DPWH Infrastructure Program, Region X has accomplished the following:



**873.34
KILOMETERS OF
ROADS**

Constructed, improved and rehabilitated about 873.34 kilometers of roads, amounting to P15.81 Billion – 563.60 kilometers national and 309.74 kilometers secondary roads.



**1,226.31
LINEAL METERS OF
BRIDGES**

Constructed 953.68 lineal meters of bridges with a total value of P596 Million.



**65
FLOOD CONTROL
PROJECTS**

Undertook 63 flood control projects – which include the construction, repair or maintenance of dikes, seawalls, river control, revetment, river walls, drainage mains, waterways and other flood control structures and facilities; with a total value of P632.01 million to mitigate the catastrophic effects of flooding.



**634
OTHER
INFRASTRUCTURE
PROJECTS**

Implemented a total of 628 other infrastructure projects like local roads, farm-to-market roads, bridges along local roads, water systems, school buildings, national buildings, multi-purpose buildings, day care centers and health centers, amounting to P4.88 Billion.



SUNGGOD BRIDGE, BUKIDNON

Major Projects

Major projects completed are the 7.23 kms and 4.65 kms upgrading of Jct SH-Aglayan-Alanib-Ticalaan Rd (Aglayan-Basak), Bukidnon; 9.86 kms and 9.15 kms improvement/widening of Sayre Highway; 6.72 kms upgrading of Kalilangan-Lampanusan Road, Bukidnon; 5.87 kms rehabilitation/ reconstruction/upgrading of Maramag-Maradugao Road, Bukidnon; 8.01 concrete paving of Jct SH-Manolo Fortich-Libonahag Road, Bukidnon; 8.60

kms construction/ improvement of access road leading to Dahilayan Adventure Park, Manolo Fortich, Bukidnon; 3.62 kms concrete paving of Dologon-Kisanday-Ginoyuran Road, Bukidnon; 5.53 kms rehabilitation/reconstruction/upgrading of Sayre Highway (Bukidnon-Davao Jct to Cotabato Bdry); and 6.67 kms and 6.26 kms concrete paving of Kibawe-Kadingilan-Kalilangan Road, Bukidnon. Also completed are

the following: 8.57 kms construction of Valencia City Pangantucan Diversion Road; 3.19 kms and 2 kms construction of Misamis Oriental-Bukidnon By-Pass Road, Misamis Oriental/Bukidnon; 5.11 kms concrete paving of Misamis Oriental-Bukidnon-Agusan Road; 5.40 kms concrete paving of Jct. Maradugao-Camp Kibatiran-Dominorog Road, Bukidnon; 8.99 kms Kalilangan-Lampanusan Road, Bukidnon; 8.99 kms concrete paving of Kalilangan-

Lampanusan Road, Bukidnon; 8.80 kms improvement/widening of Sayre Highway, Bukidnon; 2.48 kms rehabilitation/ reconstruction/ upgrading of Sayre Highway (intermittent section), Bukidnon; 8.13 kms concrete paving of Kibawe-Kadingilan-Kalilangan Road, Bukidnon; 6.20 kms upgrading of Misamis Oriental-Bukidnon-Agusan Road, Bukidnon; and 7.58 kms construction of Valencia By-Pass Road, Bukidnon.



Additionally, as the government's implementing agency for infrastructure projects, the Department has accomplished the following projects of non-infrastructure agencies and other special projects:



Improved and/or built **48.47 kilometers of farm-to-market roads** in the amount of P550 Million under the Department of Agriculture.

Constructed **72 academic, secondary and senior high school building projects** under the Department of Education's Basic Education Facilities Fund (BEFF) in the amount of P2.29 Billion.



Implemented a total of **2 projects funded from the Motor Vehicle User's Charge** at a cost of P18.50 Million.

FARM TO MARKET ROAD, MAGSAYSAY, MISAMIS ORIENTAL



REGION XI

Infrastructure development has kept the economic growth momentum in Region XI or Southern Mindanao composed of the provinces of Compostela Valley, Davao Oriental, Davao del Norte, and Davao del Sur.



PANABO BRIDGE



PANABO CITY COASTAL ROAD, PANABO CITY

Under the CY 2016 DPWH Infrastructure Program, Region XI has accomplished the following:



873.34
KILOMETERS OF
ROADS

Constructed, improved and rehabilitated about 248.80 kilometers of roads, amounting to P11.50 Billion – 65.45 kilometers national and 183.36 kilometers secondary roads.



1,226.31
LINEAL METERS OF
BRIDGES

Constructed and widened 775 lineal meters of bridges with a total value of P866.40 Million.



65
FLOOD CONTROL
PROJECTS

Undertook 53 flood control projects – which include the construction, repair or maintenance of dikes, seawalls, river control, revetment, river walls, drainage mains, waterways and other flood control structures and facilities; with a total value of P1.73 Billion to mitigate the catastrophic effects of flooding.



634
OTHER
INFRASTRUCTURE
PROJECTS

Implemented a total of 490 other infrastructure projects like local roads, farm-to-market roads, bridges along local roads, water systems, school buildings, national buildings, multi-purpose buildings, day care centers and health centers, amounting to P1.73 Billion.

DAVAO-BUKIDNON ROAD



Major Projects

Major projects completed are the 1.07 km concrete paving of New Albay Marangig Road leading to Marangig and Pyalitan Waterfalls, Maragusan, Compostela Valley; 3.93 kms concrete paving of Matina Shrine Road leading to Shrine Hills and Jack's Ridge Resort, Matina, Davao City; construction/improvement of Bacaca Circumferential Road including Davao Medical School Foundation Road leading to , Davao City; 4.05 kms widening of Davao-Bukidnon Road, Brgy. Salumay-Brgy. Suawan, Davao City; 3.18 kms concrete paving/widening of access road leading

to Malagos Garden Resort and Philippine Eagle Sanctuary, Davao City; 5.10 kms concrete paving of Compostela-Cateel Road, Compostela Valley; 6.83 kms improvement/concrete paving from Jct. National Highway, Brgy. San Miguel-Poblacion Canningag, Caraga, Davao Oriental; 4.41 kms concrete paving of Lomondao-Salaysay-Arakan Road leading to Mt. Apo, Lomondao, Marilog, Davao City; 7.31 kms concrete paving of Tibanban-Lavigan Road, Davao Oriental; 3.87 kms concrete paving of Kapalong-Talaingod-Valencia (Bukidnon) Road, Talaingod,

Davao del Norte; 5.58 kms concrete paving of Mati-Maragusan Road, Davao Oriental; 340.03 lineal meters improvement/ completion of main drainage at Quezon Boulevard, Davao City; 1.47 kms concrete paving of Coronobe-Tagbibinta Road leading to Tagbibinta Waterfalls and Mt. Candalaga Peak, Compostela Valley; 3.87 kms concrete paving of Nabunturan-Maragusan Road, Nabunturan, Compostela Valley; 6.64 kms concrete paving of Tibanban-Lavigan Road, Gov. Generoso, Davao Oriental; 5.01 kms concrete paving of Del Pilar (San Juan)-New Cortez-San Jose-Carcor Road leading to Inland Resorts and Panas Waterfalls, New Corella, Davao del Norte; 6.55 kms concrete paving of Nabunturan-Maragusan Road, Compostela Valley; rehabilitation/reconstruction of road slip along Kapalong-Talaingod-Valencia (Bukidnon) Road, Davao del Norte; 11.77 kms concrete paving of farm to market road with bridge components at

Barangay Aguinaldo-Kidawa, Laak-Barangay Casoon-Banlag, Monkayo, Compostela Valley; 4.89 kms and 6.54 kms concrete paving of Davao del Norte-Compostela Valley-Agusan del Sur Road, San Isidro, Davao del Norte; 7.62 kms concrete paving of Compostela-Cateel Road, Davao Oriental; Construction of Pagsabangan Bridge II and approaches along Tagum-Panabo Circumferential Road, Tagum City, Davao del Norte; 8.66 kms concrete paving of Asuncion-San Isidro-Laak-Veruela Road, Davao del Norte; 3.01 kms concrete paving from Libuton, New Bataan to Camp Uno leading to White Peak (Mt. Pandadagsaan), New Bataan, Compostela Valley; 6.36 kms concrete paving of Asuncion-San Isidro-Laak-Veruela Road, Compostela Valley; 4.65 kms concrete paving along Panabo City Coastal Road from Brgy. J.P. Laurel to Migratory Bird Sanctuary, Mariculture Park, and City Baywalk, Panabo City, Davao del Norte; concrete paving Bantacan Road leading to Tadia Falls, New

Bataan, Compostela Valley; 1.13 kms widening of Surigao-Davao Coastal Road, Pantukan Section, Compostela Valley; construction of Mayo Bridge and Approaches along Montevista-Compostela-Mati Bdry. Road, Compostela Valley; 4.85 kms widening of Davao-Bukidnon Road, Davao City; 4.81 kms improvement/concreting of Road Sitio Pasog-Licup-Tagbitan-ag Sitio Tagluna leading to Putting Bato and Canibad Resort, Brgy. Aundanao, Island Garden City of Samal, Davao del Norte; widening Pangi Bridge and Approaches along Davao City Diversion Road, Davao City; 12.68 kms gravelling/road opening of Matanao-Kiblawan-Padada Road, Matanao, Davao del Sur; 7.41 kms concrete paving of Montevista-Compostela-Mati Bdry. Road, Libuton-Tupaz Section, Compostela Valley; construction of Tuganay Bridge II along Panabo City Coastal Road from J.P. Laurel, Panabo City to La Paz Carmen, Davao del Norte; 6.24 kms concrete paving

of Kapalong-Talaingod-Valencia Road, Davao del Norte; widening of Governor Miranda Bridge 2 along Daang Maharlika, Davao del Norte; 3.64 kms concrete paving of Island Garden City of Samal Circumferential Road (east side), Catagman-Adecor Section, Davao del Norte; 2.63 kms rehabilitation/reconstruction/ upgrading of Davao-Bukidnon Road, Davao City; 5.29 kms concrete paving of Demoloc-Little Baguio-Alabel Road, Upper Tibolog-Lower Kilalag, Malita, Davao del Sur; concrete paving of Salaysay-Dalag-Arakan Road, Davao City; widening of Batasan Bridge and Approaches along President Diosdado Macapagal National Highway, Lupon, Davao Oriental; and widening with rehabilitation of Davao Bukidnon Road, Buda-Marahan Section, Davao City.

Also completed are the following: 2.77 kms widening of Daang Maharlika, Olaycon Section, Compostela Valley; rehabilitation/improvement/

construction of Panoraon Bukal Road, Compostela Valley; construction of Casangay Bridge 2 and Approaches along Daang Maharlika, Montevista, Compostela Valley; 3.36 kms concrete paving of Montevista-Compostela-Mati Bdry. Road, Mapawa-Lanipao Section, Compostela Valley; improvement/ construction of drainage along Daang Maharlika, Davao del Norte; construction of Olaycon Bridge 2 and Approaches along Daang Maharlika, Compostela Valley; widening of Libuganon Bridge and Approaches along Daang Maharlika Tagum City, Davao del Norte; concreting of Barangay Proper to Sitio Mantapay, Binondo (with coconet slope protection, Baganga, Davao Oriental; 2 kms concrete paving of Tibanban-Lavigan Road, Davao Oriental; construction of Lampianao Bridge and approaches, Davao City; Construction Guyon Bridge 2 and approaches along Daang Maharlika, Compostela Valley; improvement/rehabilitation of

Patil-Kapatagan Road, Davao del Norte; 4.18 kms upgrading of Davao-Sarangani Coastal Road (Malagal-Malita-JAS-Glan), New Bacayon, Poblacion and Caputian Section, Davao del Sur; 4.61 kms concrete paving of Jct. Mezi-Dahican-Lawigan Road leading to Cinco Masao Beach Resort (Dahican-Lawigan Section), Mati, Davao Oriental; widening of Tagmanok Bridge and Approaches along Daang Maharlika, Mawab, Compostela Valley, 10.12 kms rehabilitation/improvement of San Jose-Simulao Road, Davao Oriental; 6.48 kms widening of Pres. Diosdado P. Macapagal Highway, Davao Oriental; 1.63 kms concrete paving of Jct. Santiago-Macopa-Pantad Road leading to Pusan Point, Caraga, Davao Oriental; 3.58 kms concrete paving of Mati-Maragusan Road, Marayag Section, Davao Oriental; widening of Daang Maharlika, Lankilaan-Pasian Section, Compostela Valley; construction of Davao River Flood Control, Davao City; concrete paving of Fatima-Malabog Road, Davao City; construction of Sayotehan Bridge along Mati-Maragusan Road, Davao Oriental; 3.32 kms concrete paving of Montevista-Compostela-Mati Bdry. Road, Compostela Valley; 6.14 kms Tagugpo-Piasusuan Road, Compostela Valley; construction/ revetment of Lipadas River, Toril, Davao City; 4.94 kms concrete paving of Compostela-Cateel Road, Panansalan-Nursery Section, Compostela Valley; 3.52 kms concrete paving of Compostela-Cateel Road, Nursery-Osmeña Section, Compostela Valley.

Additionally, as the government's implementing agency for infrastructure projects, the Department has accomplished the following projects of non-infrastructure agencies and other special projects:



Improved and/or built **39.80 kilometers of farm-to-market roads** in the amount of P435 Million under the Department of Agriculture.



Constructed **318 academic, secondary and senior high school building projects** under the Department of Education's Basic Education Facilities Fund (BEFF) in the amount of P3.76 Billion.



Implemented a total of **1 project funded from the Motor Vehicle User's Charge** at a cost of P13.20 Million.

BRGY CANOCOTAN to JUNCTION SURIGAO-DAVAO COASTAL ROAD

REGION XII

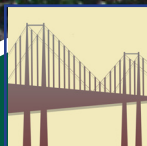
DPWH concentrated on providing efficient transport logistic system to help enhance peace and order in conflict-affected provinces in Region XII used to be called Central Mindanao Region and composed of Cotabato, South Cotabato, Maguindanao, Sarangani, and Sultan Kudarat.

Under the CY 2016 DPWH Infrastructure Program, Region XII has accomplished the following:



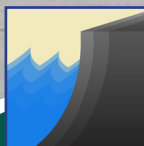
452.45 KILOMETERS OF ROADS

Constructed, improved and rehabilitated about 452.45 kilometers of roads, amounting to P9.86 Billion – 335.33 kilometers national and 117.13 kilometers secondary roads.



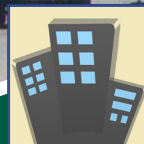
176 LINEAL METERS OF BRIDGES

Constructed 176 lineal meters of bridges with a total value of P223.63 Million.



24 FLOOD CONTROL PROJECTS

Undertook 24 flood control projects – which include the construction, repair or maintenance of dikes, seawalls, river control, revetment, river walls, drainage mains, waterways and other flood control structures and facilities; with a total value of P900.62 Billion to mitigate the catastrophic effects of flooding.



292 OTHER INFRASTRUCTURE PROJECTS

Implemented a total of 292 other infrastructure projects like local roads, farm-to-market roads, bridges along local roads, water systems, school buildings, national buildings, multi-purpose buildings, day care centers and health centers, amounting to P2.39 Billion.

GENSAN CIRCUMFERENTIAL ROAD

Major Projects

Major projects completed are the 4.69 kms widening including drainage along Digos Makar Road, General Santos City; road widening of Marbel-Makar Road; and 6.57 kms and 6.60 kms concrete paving fo Matalam-Lampayan-Antipas Road, Matalam, North Cotabato.

SALAMAN CENTRAL ELEMENTARY SCHOOL, LEBAK, SULTAN KUDARAT



Additionally, as the government's implementing agency for infrastructure projects, the Department has accomplished the following projects of non-infrastructure agencies and other special projects:



Improved and/or built **41.32 kilometers of farm-to-market roads** in the amount of P308.02 Million under the Department of Agriculture.



Constructed **87 academic, secondary and senior high school building projects** under the Department of Education's Basic Education Facilities Fund (BEFF) in the amount of P32.84 Million.



Implemented a total of **2 projects funded from the Motor Vehicle User's Charge** at a cost of P11.15 Million.

REGION XIII

Despite the challenges encountered, the DPWH has helped in enhancing the economic stability of the provinces of Agusan del Norte, Agusan del Sur, Surigao del Norte, and Surigao del Sur comprising Region XIII or Caraga Region.

Under the CY 2016 DPWH Infrastructure Program, Region XIII has accomplished the following:

1,109.69 KILOMETERS OF ROADS



Constructed, improved and rehabilitated about 1,109.69 kilometers of roads, amounting to P2.653 Billion – 78.49 kilometers national, 989.18 kilometers secondary and 42.02 kilometers tertiary roads.

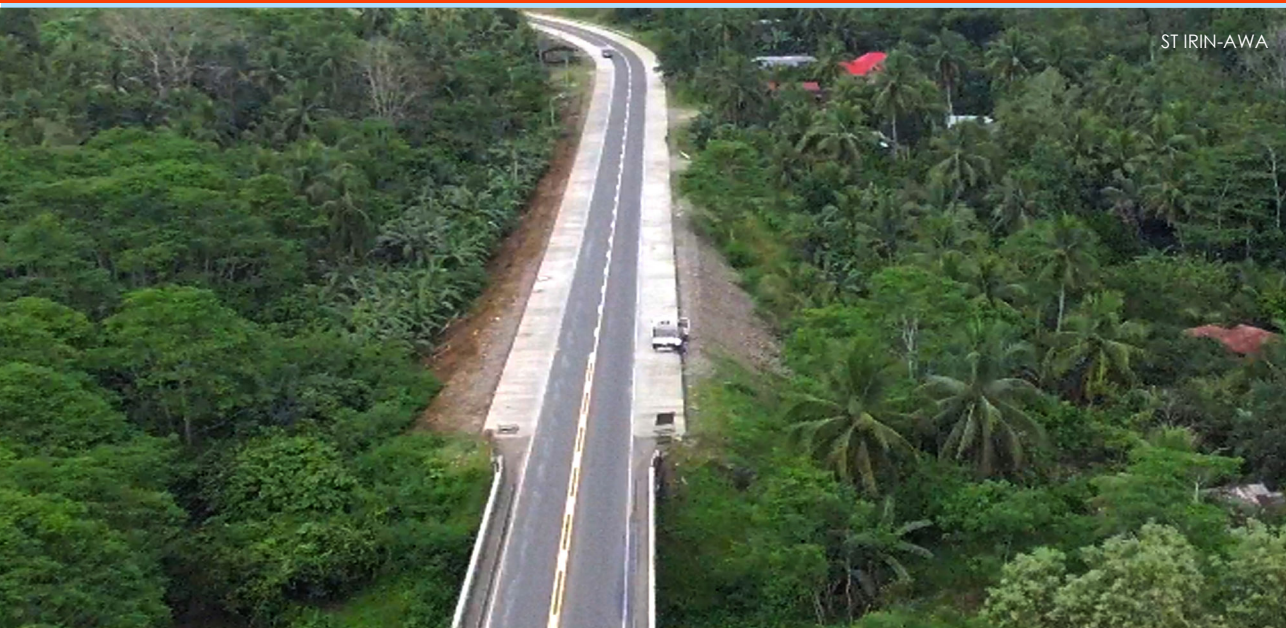
Constructed and widened 57.90 lineal meters of bridges with a total value of P53.99 Million and retrofitted/rehabilitated 11 bridges with a total value of P131.97 Million.



57.90 LINEAL METERS OF BRIDGES



NEW LEYTE SALVACION



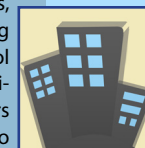
ST IRIN-AWA

19 FLOOD CONTROL PROJECTS



Undertook 19 flood control projects – which include the construction, repair or maintenance of dikes, seawalls, river control, revetment, river walls, drainage mains, waterways and other flood control structures and facilities; with a total value of P945.55 Million to mitigate the catastrophic effects of flooding.

Implemented a total of 216 other infrastructure projects like local roads, farm-to-market roads, bridges along local roads, water systems, school buildings, national buildings, multi-purpose buildings, day care centers and health centers, amounting to P489.42 Million.



216 OTHER INFRASTRUCTURE PROJECTS

Major Projects

Major projects completed are the 3.38 kms concrete paving of Dinagat - Loreto Road, Dinagat Islands; 5.18 kms concrete paving of Dapa Port-Consuelo-Corazon-Sta. Cruz-Sta. Fe-Libertad-Cabitoonan- Catangnan-General Luna Road, Surigao del Norte; 5.45 kms concrete paving of Brgy. Cabangahan - Brgy. Lobo Road, Cantilan, Surigao del Sur; 3.55 kms concrete paving of Agusan - Malaybalay Road, Hawilian Section, Agusan del Sur; 5.42 kms rehabilitation of San Luis-Binicalan Road (Phase 3), San Luis, Agusan del Sur.

Additionally, as the government's implementing agency for infrastructure projects, the Department has accomplished the following projects of non-infrastructure agencies and other special projects:



Improved and/or built **16.90 kilometers of farm-to-market roads** in the amount of P254.76 Million under the Department of Agriculture.



Constructed **113 academic, secondary and senior high school building projects** under the Department of Education's Basic Education Facilities Fund (BEFF) in the amount of P181.71 Million.



Implemented a total of **2 projects funded from the Motor Vehicle User's Charge** at a cost of P43.38 Million.

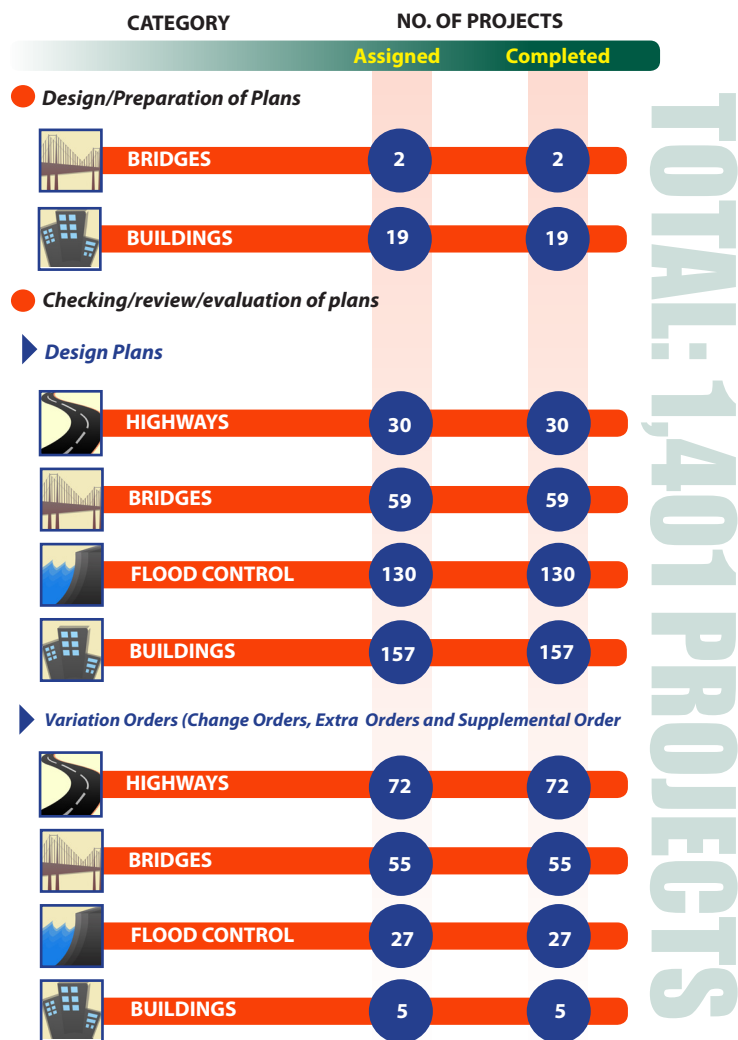
PATIN-AY ELEMENTARY SCHOOL PROSPERIDAD AGUSAN DEL SUR



Accomplishments of Bureaus

The Bureau of Design has undertaken a total of 1,401 projects/work assignments for CY 2016.

Bureau of Design



Miscellaneous

▶ Various Request/Inquiries	219	219
▶ Reports	233	233
▶ Project Inspections	178	178
▶ Assistance on National Building Code (NBC) matters		
▶ Others	126	126
● Design management/administration	98	98



Bureau of Construction

The most remarkable achievement of the Bureau of Construction during the year was the adoption of the new Project and Contract Management Application or PCMA as the official monitoring system replacing the Project Monitoring System (PMS) that has been used by the Department for three decades. The PCMA will replace and expand upon the functionality of the PMS with an enterprise-wide application, with a centralized database, where "real-time" updates of status of projects are immediately reported to management. The PCMA provides the Project Engineer with increased functionality to assist in project/contract management, versus merely providing a reporting mechanism.

BOC conducted and facilitated trainings on Precedence Diagram Method (PDM) for all Regional and District Offices to familiarize them with PDM since most of the latest project management software utilize PDM as their network diagram to improve the project scheduling aspect of a project.

Several reference materials were also released by BOC as guide for the project implementing offices of the Department: Road Construction Cost Estimation Manual, Bridge Construction Cost Estimation Manual, Project Implementation Handbook, Construction Methods and Techniques for Buildings, Cost Estimation Manual for Low Rise Buildings, Standard Guidelines in the Preparation of Cost Estimates for Roadworks Safety & Traffic Management and Construction Safety & Health Requirements and Standard Project Implementation Forms.

The BOC also undertook 2 projects under the DPWH infrastructure program: the Upgrading/Concreting of the tourism road in Bacungan-Simpucan-Bagumbayan-Napsan, Puerto Princesa, Palawan; and the Construction of Three (3) Storey Bureau of Research and Standards (BRS) Building in EDSA.

Additionally, BOC has accomplished several projects under Memorandum of Agreement (MOA) with different government agencies:

1. House of Representatives - Construction of Legislative Library and Archives Building (Phase III)
2. Civil Service Commission (CSC)- Construction of Four (4) Storey CSC Building and Site Development of CSC Resource Center Building
3. National Statistics Office (now Philippine Statistics Administration) - Construction of Five (5) Storey NSO-TAM Building
4. Polytechnic University of the Philippines - Repair/Rehabilitation of PUP Medical & Dental Clinic Office, Bulwagan Balagtas, 2-Storey Education Bldg., Laboratory High School Building Student Center, Ground Floor Dome, the Phylon and Main Entrance
5. Career Executive Service Board (CESB) – Construction of Powerhouse for CESB.



Tasked to handle the maintenance of the nation's public works and highways facilities, Bureau of Maintenance's is tasked to effectively monitor maintenance activities of the DEOs as well as to oversee quick response mechanisms of implementing offices in their repair works on calamity-damaged infrastructure.

To improve its monitoring mechanism, BOM initiated the drafting of three (3) Department Orders as vital part of the Department's thrust for policy directions in the maintenance of national infrastructure:

1. DO No. 41 dated 06 February 2016 amending the Policy Guidelines on the Maintenance of National Roads and Bridges;
2. DO No. 76 dated 06 April 2016 creating Performance Based Maintenance Monitoring Teams (PBMMTs) to Assess Compliance to the Levels of Maintenance Service by Contractors under the Long Term Performance Based Maintenance Contracts (LTPBMC) of the JICA-Assisted Road Upgrading & Preservation Project, Road Cluster I; and
3. DO No. 80 dated 12 April 2016 on the Mandatory use of Joint Sealer Equipment/Machine for Sealing Joints on Concrete Pavements.

Different Trainings/Workshops were programmed by BOM all throughout the year to bridge the competency gaps and update our personnel on the latest technologies in maintenance.

A Three (3)-day Training/Workshop on Geo-tagging of Flood Control Structures using Mobile Data Collection System Application was conducted on Regional Offices I and III to maximize the use of geo-tagging for the development of central database of Flood Control Structures of the Department. This allows DPWH to develop better plans for the repair and maintenance of flood control structures including the calculation of funding allocation of future maintenance projects.

Maintenance Crews from six (6) Regional Offices - -- Region II, IV-B, V, VI, VIII and NIR, were sent to three-day Training/Workshop Workshop to equip them with proper understanding of their respective responsibilities. They were also oriented in on proper procedures on the repair of roads; appreciation and application of traffic and safety management measures during maintenance activities, and possible problems and unusual situations they may encounter on road repairs and maintenance.

All Regional Offices were subjected to a two (2)-day Training/workshop on the conduct of Disaster Preparedness between May to October 2016. Among the topics discussed were proper evacuation procedure in ensuring safety before, during and after disasters; the basics of the Incident Command System (ICS) Organizational Structure; Philippine Disaster Risk Reduction and Management System. Emergency Brigade members were also familiarized with their respective roles and responsibilities as well as the basic concepts of disasters. Lastly, a Disaster Preparedness Drill was conducted for the application of learnings and better understanding of the training among the participants



Bureau of Quality and Safety

For CY 2016, the Bureau conducted road roughness survey using Road Surface Profilometers (RSP) on a total of 1,825.29 km. of national primary roads.

Department Order No. 137, series of 2016 was issued as an amendment to D.O. No. 47, series of 2015, adopting an International Roughness Index (IRI) value of 3.0 m/km for all National Primary Roads containing Guidelines on Price Adjustment on Payments for Projects with Non-Compliance with the Prescribed IRI Value.

In June 28, 2016, Bureau of Quality and Safety sets out the DPWH's requirements for Project Quality Assurance (PQA) to be applied on all its civil works contracts through Department Order No. 136, Series of 2016 – DPWH Standard Specifications for Project Quality Assurance, Volume IV. PQA intends to promote control and improvement in construction quality and to gain better value for money in constructed works.

BQS conducted Accident Blackspot Investigation on identified most hazardous locations on our national highways based on the 5-year Historical Accident Data for Traffic Accident Recording and Analysis System (TARAS) (2009-2013) and nominated sites submitted by Regional and District Engineering Offices.

A total of 100 blackspot locations with at least six (6) casualty crashes per kilometer of road in the past 2 years were investigated in all Regional Offices except Regions VI, IX, XII, XIII and NCR. The ABI report for the 100 blackspots were forwarded to the concerned District Engineering Offices to confirm the recommended countermeasures and prepare the necessary documents required by Road Program Office (RPO) for funding request.

In order to ensure the safety of all motorists, pedestrians, and other vulnerable road users during construction, the Roadworks Safety Assessment Team (RSAT) was created by virtue of Department Order No. 99, Series of 2016, to conduct periodic roadworks safety assessment of ongoing DPWH projects. BQS conducted road works safety assessment on fifteen (15) ongoing road, flood control and bridge projects implemented by the South Manila District Engineering Office in NCR.

To address the insufficiency in the number of field engineers to be assigned in projects due to the increase in the Department's capital outlays budget, provisional accreditation for DPWH field engineers to handle small projects for two years was granted to newly hired engineers from the DBM-authorized creation of 1,396 additional engineer positions in the Department, including engineers with job order employment status intended to assist in the supervision of small projects.

A total of 1,427 engineers from all Regional Offices had been given provisional accreditation where 930 have the rank of Provisional PE and 497 have the rank of Provisional Project Inspectors including 199 engineers with job order employment status.

Bureau of Research and Standards

Bureau of Research & Standards (BRS) undertakes research studies and pilot trials of new materials/ technologies to improve the quality of government infrastructure projects; formulates specifications, standards and guidelines; and conducts quality testing of various construction materials.

BRS accredited a total of 4,414 Materials Engineer I and 528 ME II from the contractors and consultants as well as 617 and 309 DPWH Materials Engineer I and II, respectively, for 2016.

Providing technical, practical and theoretical knowledge to students, BRS accommodated 315 students who participated in various training programs, lectures and observation tours while 14 students have undergone On-the-job training under the Bureau.

To ensure that Implementing Offices are equipped with sufficient resources and skills in checking the qualities of every construction material used in the country's infrastructure program, BRS has assessed 166 District Materials Testing Laboratories and 3 Regional Offices with 1-Star Rating while 1 District Materials Testing Laboratory and 13 Regional Materials Testing Laboratories were certified 2-Star. Five newly created offices and DEOs affected by Typhoon Yolanda have not been assessed yet.

BRS tested 1,106 samples in their Physical Testing Section and 1,075 samples in the Chemical Testing Section.

Technical research was also conducted and sponsored on conventional and marginal construction materials for roads, bridges and buildings like Soil and Aggregates; Asphalt; and, Concrete to advance technology used in the project implementation and to promote economic activity without overspending on importing construction materials and conserve deposits of other naturally occurring construction materials.

For the second year, BRS conducted the DPWH Research Symposium to showcase researches of BRS as well as to identify promising researches from among the invited presenters from related research institutions and academe for possible collaboration to improve the quality, traffic and road safety of public infrastructure.

The Bureau assures that the Department stands to construct projects of the highest quality through adoption of effective standard specifications to be used in project implementations. For 2016, there were 11 DPWH Standard Specifications drafted, 13 Department Orders/ Standards and Guidelines approved, and 19 Special Items (SPL) reviewed, evaluated and recommended for approval of the Secretary.

BRS also provided technical assistance to the students from various schools conducting research studies.



Bureau of Equipment

The Bureau of Equipment has programmed 85 units various types of equipment with an Approved Budget for the Contract (ABC) of Php 500,000,000.00 under its CY 2015 Equipment Procurement Program (EPP).

Among the procured equipment were Combination Vacuum/High-Pressure Sewer Jet Cleaners, Street Sweeper Truck (diesel-fed, turbo-charged engine), Road Milling Machine with Micro Fine Milling Drum, Amphibious Excavators, Mobile Drainage Pumps, Wheel mounted Hydraulic Excavators, Dump Trucks, Asphalt Paver, Wheel Loaders, Backhoe Loaders, Vibratory Rollers, Prime Movers with Low Bed Trailer, and Self-Loading Trucks with Loading/Unloading Winch.

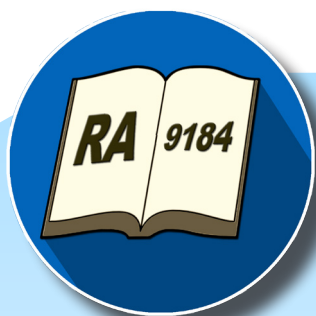
For CY 2016 EPP, BOE has programmed 231 units various types of equipment with an ABC of Php 992,000,000 all of which are now under the process of procurement.

Additionally, BOE also improved the DPWH Central Office Motorpool in terms of its facilities, shop tools and equipment to expand the services in delivering quality-based preventive and corrective maintenance through programming of the procurement of an Oil and Water Separator, and Fuel Filtration System to be installed at the outlets/dispensers of diesel and gasoline tanks; Oil Analyzer with Testing Kits and Smoke Testing Device as preventive maintenance tools of DPWH.

In order to increase or maintain the conveyance capacity and navigability of different waterways in the country, and also to lessen the impact of flooding to people in low-lying areas, the DPWH has dredged some 1.011 million cubic meters of materials from 40 dredging projects nationwide. Twenty of these were funded by BOE and implemented by DEOs in the amount of Php 58,740,000. The rest were directly funded through the Mount Pinatubo Rehabilitation (MPR) in Region III, and under Memorandum of Agreement (MOA) with Local Government Units in other Regions.

Finally, BOE issued 11 equipment-related Department Orders to effectively operate, maintain, and monitor the DPWH land and water-based equipment fleet. It has also conducted various trainings and capability development learning interventions within the Bureau, and within the Department to address some competency gaps.

ACCOMPLISHMENTS OF Services



Procurement Service

Under the Centrally Procured Infrastructure Projects in the Annual Procurement Plan 2016, Procurement Service has a total of 46 infrastructure projects, of which 6 were awarded, 9 were bidded out, 28 are under different stages of Detailed Engineering Design, 2 are for advertisement subject to submission of the documents required during Pre-procurement Conference, 1 for revision of Approved Budget for the Contract, 1 with plans currently being finalized, 1 with failed bidding and 1 project cancelled.

For Consulting Services, 11 projects were awarded while there are 6 ongoing projects.

PrS is also working on the DPWH Procurement Manual. A stakeholder's workshop on the draft DPWH Procurement Manual initiative was already conducted as well as Trainer's Training participated by concerned technical and implementation offices.

The new Consultant's Performance Evaluation System (ConsPES) and Consultancy Services Application update were also developed in 2016.

Planning Service

Apart from providing technical services relating to planning, programming and project development of infrastructure projects of the Department – Planning Service's biggest accomplishment is the approval of the P 454.7 Billion budget on Infrastructure Program for the year of 2017 under the General Appropriations Act of 2017.

The updating of the Medium-Term Development Plan and Medium-Term Public Investment Program was conducted by Planning Service to include the formulation of the Annual Infrastructure Program for presentation to and approval of the National Economic and Development Authority (NEDA) Board and Congress.

Planning Service has also updated and made accessible in the DPWH website the DPWH Atlas containing statistical data particularly on roads, bridges under the responsibility of DPWH, illustrated in maps, graphs, figures and tables to provide information on the latest road network configuration.

PPP Service

Among the most exposed DPWH offices in 2016 is the Public-Private Partnership Service. Working double time in accelerating the country's infrastructure development, PPPS's continues to work hand in hand with the local and international investors in rolling-out big ticket projects.

- NAIA Expressway Project
- The Tarlac – Pangasinan – La Union Expressway (TPLEX)
- Cavite—Laguna (CALA) Expressway Project
- NLEX-SLEX Connector Road Project

PPPS is currently conducting Feasibility Studies for three (3) PPP projects: Central Luzon Link Expressway (CLLEX) Phase II (Cabanatuan-San Jose, Nueva Ecija; Laguna Lakeshore Expressway Dike (Lled); and North Luzon Expressway East, Phase I and II.



Information Management Service



As the manager of the information and communications technology (ICT) resources and its development, Information Management Service develops and maintains the enterprise-wide and individual unit applications of the DPWH IT infrastructure.

IMS provided a total of one hundred updated IT Equipment Specifications to include desktop, laptop, document scanners, smart-phones, and data center and network components for procurement of concerned offices.

The DPWH Enterprise Data Glossary containing definitive descriptions of common terms and data items used in major processes was updated in 2016 to include Fund-related terms and Project-related data items. The Geographic Information System (GIS) Data Dictionary was also enhanced.

Seven (7) online GIS applications have been developed and deployed- IT Analytics Reporting tool, Maintenance Point Person Web App, BOE Inventory of Assets, Construction Materials Source Mapping Web App, Road Safety Data Web App, and Quality Assurance Unit Report. A prototype tool for the 2016 Projects Reporting has also been developed.

Latest Autodesk products essential to infrastructure planning and design like Infrastructure Design Suite Premium 2017, Building Design Suite Premium 2017 and Autocad 2017 have been procured while usual updates on the regular enterprise application systems like RBIA Utilities, CWR, Engas, eBudget, ArcGIS, TAS, DoTS and PCMA were made.

Likewise, IMS performed analysis, program coding, testing and deployment of 86 enhancement requests for applications used by different DPWH offices.

The DPWH Wide Area Network is now expanded to 179 District Engineering Offices with 5,370 users and 2,685 connected to the internet.

The IT Service Desks received 17,196 incidents from January to December, of which 98.69% of the tickets were closed by year-end.

Computer Proficiency Examinations were administered to 5,450 technical and clerical positions, of which 3,694 passed.

IMS also procured and introduced the Video Conference System in the Central Office and Regional Offices to innovate the conduct of meeting, save time and lessen travel expenses among DPWH Officials.

Legal Service



Mandated to provide services in the areas of contract letting and litigation, legislative affairs and research, complaints and investigation in the Department as well as the acquisition of site and location as right-of-way for national infrastructure projects, Legal Service deals with towering documents on a daily basis.

A look at the Legal Service's year 2016 in numbers involves:

- A total of 698 Administrative Legal Clearances were issued for 2016.
- 6 Cases were resolved as regards to the Verification of genuineness of all bidders/performance/surety bonds, letters of credit (LCs), bank guarantees, and Contractors All Risks Policies; Collection of money value of forfeited performance/surety bonds and Recoupment of unliquidated advance payments or partial payments of materials for all terminated or rescinded contracts.
- 82 legal opinions, queries, and/or comments, memoranda of agreement and/or memoranda of understanding, civil cases, CIAC cases, and LRC cases indorsed to the Legal Service were reviewed/ acted upon by the LARD for 2016.

- 38 of 41 house bills and/or senate bills indorsed to the Legal Service were reviewed/acted upon by the LARD for 2016.
- 58 of 60 of misc requests for trainings and other assistance for drafting and legal research were accomplished by the LARD for 2016.
- 75 of 77 right-of-way documents were reviewed/acted upon by the LARD for 2016.
- 15 of 16 COA cases received or indorsed to the Legal Service were reviewed/acted upon by the LARD for 2016.
- 59% of needed ROW is already acquired (mostly properties owned by the Philippine National Railways) as of December 2016. Remaining 41% still being acquired.
- DPWH Total ROW area for acquisition: 226,483.43 sq. m.

The Legal Service also assisted in drafting the Freedom of Information Manual of the DPWH that was submitted to the Presidential Communications Operations Office in November 2016.

Internal Audit Service

An office attached directly to the Office of the Secretary, the Internal Audit Service (IAS) advises the Secretary on all matters related to management control. For 2016, IAS has conducted a total of 109 consisting of 46 Regular Audits, 20 Internal Quality Audits (IQA) for the DPWH Quality Management System (QMS), 35 IQA Audits for the QMS Expansion and 8 Special Audits given by the Secretary. Reports derived from these audits were analysed and evaluated to identify deficiencies and recommend appropriate course of actions to the Management.



Human Resource and Administrative Service

The Human Resource and Administrative Service had a busy 2016 with the implementation of the Strategic Performance Management System. The DPWH SPMS was declared approved and functional by the Civil Service Commission on January 7, 2016. Through the aide of Philippines Australia Human Resource and Organizational Development Facility (PAHRODF), series of interventions were conducted to strengthen the DPWH SPMS.

HRAS also partnered PAHRODF and HR Intervention Learning Service Provider (LSP) for the Competency Profiling of HR Job Family and Application to Job Descriptions and Qualification Standards and the Development Academy of the Philippines (DAP) for the creation of Job Competency Matrix and Profiles of Engineers.

The Employees Handbook was revived after 30 years and was issued to all DPWH employees.

A total of 537 training courses were also conducted with 80 held at the Central Office and 457 at the Regional Offices benefitting 22,736 participants.

79 employees availed of various local and foreign scholarships, grants, conferences and study tours offered externally.

The 6-month Cadet Engineering Program conducted by the First Pacific Learning Academy has successfully trained 44 engineers for its third batch.

There were a total of 881 appointments processed and issued for 2016.



Finance Service

Following the computation of Absorptive Capacity based on the Revised Financial Targets per President's Duterte's Administration, the Department's Absorptive Capacity would have been 88% computed as follows:

AC = Obligations incurred as of December 31, 2016/Allotments received as of September 30, 2016

88% = P 429,533,545,257.38/P 510,099,952,218.92





Stakeholders Relations Service

“Small in number” would aptly describe Stakeholders Relations Service as an office but not for its 2016 Accomplishments.

With only two Divisions – SRS’ Public Information Division and Stakeholders Affairs Division front the battlefield as the face of the Department in dealing with External Stakeholders.

With the President Duterte’s thrust to improve service delivery by ending all kinds of corruption and irregularities in the government, the Citizen’s Feedback Management Center (CFMC) was

on full throttle with its various channels – the 24/7 HOTLINE 165-02, Social Media, Email, Text 2920, Phone-in, Letter Referral, Phone-in, News Clippings and the Website; to receive feedback on anything about DPWH.

A total of 2,432 feedbacks were received by CFMC, of which 1,719 or 71% have already been resolved. The remaining 713 are still undergoing resolution due to need for further investigation.

The DPWH also increases its stakeholder engagements through SRS by keeping them

informed of the programs and projects of DPWH through news and photo releases at the DPWH website www.dpwh.gov.ph and official social media handles – Department of Public Works and Highways, Philippines on Facebook with more than 10,000 likers and @DPWHph on Twitter with roughly 8,000 followers.

Recognizing their importance in national development, SRS continues to strengthen its ties with the Civil Society Organizations (CSO) by encouraging their participation in governance by serving as watchdogs in all

stages in construction of public infrastructures. To date, there are 56 CSOs accredited by DPWH.

SRS also enables the department in supporting advocacy programs of the national government and other government agencies - Green Building, Persons with Disabilities, Gender and Development, Earthquake Preparedness, Arbor Day (Tree planting), ADHD Information Awareness Campaign, Drug Abuse and Crime Prevention, and Campaign to End Violence against Women.

ACCOMPLISHMENT OF UNIFIED PROJECT MANAGEMENT OFFICE

BUILDINGS MANAGEMENT CLUSTER

Buildings Management Cluster of the Unified Project Management Office (BuMC-UPMO) provides project facilitation services to building constructions and other public buildings.

The BuMC, through its National Building Code Development Office, also oversees the implementation of the National Building Code (PD 1096) and its Implementing Rules and Regulations (IRR). Among the major activities conducted by the NBCDO for 2016 are:

A) Among the most important activities of NBCDO for 2016 is planned Amendment of the National Building Code of the Philippines (NBCP) to address the need for more disaster-resilient design of critical infrastructures and up-to-date building regulations.

DPWH collaborated with the World Bank and University of the Philippines National Engineering Center-Building Research Service (UP NEC-BRS) to provide technical assistance for the review and revision of the NBCP.

A total of four (4) Regional Stakeholders Consultations had been conducted by the UP NEC-BRS in the different key cities nationwide (Baguio City, Tagaytay City, Cebu City and Davao City) as of November 2016.

B) Implementation of The Philippine Green Building Code (PGBC)

The Philippine Green Building Code, a referral code of the National Building Code of the Philippines, is a set of minimum standards for sound environmental management that seeks to improve resource management efficiency while minimizing the negative impacts of buildings to health and environment throughout the building's life-cycle.

After the approval of The Philippine Green Building Code and its successful publication in December 2015, it became effective in January 2, 2016.

In April 2016, NBCDO conducted a Planning Workshop for the goals and targets setting, as well as indicative activities and timeline for implementing the Philippine Green Building Code for 2016-2022.

C) Seminar-Workshop on the National Building Code of the Philippines (PD 1096) and its Implementing Rules and Regulations (IRR).

In line with the policy of the Department to enhance the capability of the Building Officials in the implementation of PD 1096 and its IRR, and upon request of the Headquarters Philippine Air Force (HPAF), Office of the Air Force Chief of Engineers, the NBCDO under the

BuMC-UPMO, conducted a 4-day seminar-workshop on PD 1096 and its IRR was conducted on April 4-7, 2016 to Engineers and Architects who are involved in the design and implementation of infrastructure projects of the command.

The NBCDO assists the Secretary in the exercise of his appellate jurisdiction over the decisions and orders of the Building Official. For the period from January – December 2016, NBCDO was able to act upon 22 Appeal Cases, 53 Queries, 45 Complaints and approved 15 Resolutions On concerns of Building Officials.

BuMC-UPMO is in-charge of the facilitation, construction supervision and monitoring of government buildings construction, funded by other government agencies.

The BuMC has conducted site inspections on the proposed projects for the Office of the Solicitor General and COMELEC, but so far, only the COMELEC has the positive response. There are also proposed projects for BuMC under Department of Energy, Bureau of Immigration, Department of Finance (DOF), Philippine Amusement and Gaming Corporation (PAGCOR), Civil Service Commission (CSC), Philippine Statistics Authority (PSA) and Philippine Retirement Authority (PRA).

FLOOD CONTROL MANAGEMENT CLUSTER

One of the most significant milestones that the Unified Project Management office - Flood Control Management Cluster has achieved in 2016 is the completion of Mandaluyong Main Drainage Project in Maysilo Circle which was designed to divert floodwaters from the said area to Pasig River in the amount of P609.12 million.

To complete the drainage system of Mandaluyong City, the construction of P359-million drainage improvement works and pumping system at San Francisco segment is already at its last stage with a total accomplishment of 91.378%

In line with the efforts to fast track infrastructure development, contract packages under the Pasig-Marikina River Channel Improvement Project Phase III amounting to P7.5 billion are likewise on their way to conclusion. With that, the improvement of Pasig River from Del Pan Bridge to Napindan Hydraulic Control System and the improvement of lower Marikina River are now 91.378% and 93.88% complete, respectively.

Flood Control Management Cluster also reported that through Japan International Cooperation Agency (JICA) Loan Agreement, the Flood Risk Management Project (FRMP) for Cagayan River, Tagoloan River and Imus River costing P6.18 billion are already underway. When completed, the infrastructure will strengthen the capability of the Philippines in disaster risk management and will mitigate flood damage in high-risk vulnerable areas within the three selected principal river systems.

Roads Management Cluster I, Bilateral

The UPMO-Roads Management Cluster I (RMC-I), Bilateral which implements projects funded through bilateral agreements has once again managed to deliver in 2016 a number of vital infrastructure facilities that facilitate development and growth and bring important social benefits all over the country.

Fourteen (14) mega projects consisting of road, bridge, and drainage construction and improvement are now fully completed and are now making the lives of Filipinos safer and more convenient.

As early as first quarter of 2016, RMC-I has completed the construction and widening of Rizal-Calintaan Section of Mindoro West Coast Road with bridge and drainage component in Occidental Mindoro amounting to P255 million and the asphalt concrete overlay of Malaybalay--Cabangsalan Road section of Sarye Highway with drainage and miscellaneous structures in Bukidnon amounting to P165 million.

By second and third quarter, the asphalt concrete overlay and concreting of Balug-Santa Road section of Maharlika Highway in Isabela costing P126 million; the asphalt concrete overlay and paving of Rosario-Bobon Road section of Allen-Catarman Road with drainage component was completed costing P132 million; the repair and the paving of Viga-Bagamanoc section of Catanduanes Circumferential Road with bridge repair, drainage and slope protection component in Catanduanes costing P316 million; and the repair and rehabilitation of Mamburao Road section of Mindoro West Coast Road in Occidental Mindoro costing P13 million were finished.

RMC-I completed in last quarter the P307 million paving of Bongabon-Pantabangan and Canili-Bazal section of Bongabon-Baler Road in Nueva Ecija and Aurora; the paving of P478 million Sta. Cruz Road section of Mindoro West Coast Road with bridge repair, drainage, and slope protection component in Occidental Mindoro; the P110 asphalt concrete overlay and paving of Sta. Fe-Aritao Road section of Maharlika Highway in Nueva Vizcaya; the P168 million asphalt concrete overlay and paving of Dulag-Mayorga Road section of Daang Maharlika with drainage and miscellaneous structure component in Leyte.

Bridge Management Cluster

The Bridge Management Cluster of the Unified Project Management Office handles the overall implementation, supervision and monitoring of projects; construction, rehabilitation, or improvement of bridges all over the country.

For 2016, the BMC handles two (2) high-impact on-going projects: the Carael Bridge stretch from Botolan, Zambales to Samal, Bataan, and the Pasac-Culcul I & 2 Bridge in Pampanga.

The construction of a new Carael Bridge in Botolan, Zambales to Samal, Bataan with an allotted budget amounting to P80.98 Million is set to alleviate travel interruption, even on rainy days, through and from several barangays when transporting goods and services within the area. Once the bridge is completed, cost of products and transport services is seen to lessen. Its completion date is set on October 2017.

The Pasac-Culcul Bridge in Pampanga is also being built with the same purpose of boosting the economy within the province by easing travel interruptions. With a budget allocation of P6.24 Million, The Pasac-Culcul bridge and is set to be finished by September 2017.

Roads Management Cluster II, Multilateral

The responsibility of implementing, supervising, and monitoring of projects funded through multilateral agreements lies in the UPMO-Roads Management Cluster II.

On the National Roads Improvement and Management Program Phase II, a total of 250.13 kilometers of roads, 196.74 lineal meters of bridge, and 38 Landslide Risk Mitigation were completed. The Long Term Performance Based Maintenance on 681.213 kilometers is still ongoing, while on the Preventive Maintenance, 570.748 kilometers are already completed, 61.393 kilometers are ongoing, and the remaining 113.908 kilometers are still waiting for allocation funds.

The RMC II has also rehabilitated a total of 142.09 kilometers of roads in Samar amounting to ₱4.66 Million for 2016. The ongoing completion of the remaining 63.78 kilometers was impeded due to typhoon Nina. This project is under the Secondary National Roads Development Program (SNRDP).

Inclusive growth in various sectors is expected in the island group of Mindanao, following the development of infrastructure under the Mindanao Roads Improvement Project.

The construction of the Isabela-Maluso-Sumisip-Tumahubong section of the Basilan Circumferential road started in October 2016 and is targeted to be accomplished by December 2017. Four other sections of the Basilan Circumferential road are already completed while the contracts of the remaining three sections are still under process.

On the other hand, the Phase I of the Cotabato City East Diversion Road project post an accomplishment rate of 92.67% as of December 2016, while the implementation of Phase 2 is turned-over to DPWH-XII.

The construction of the Isabela-Marawi-Masiu-Bayang and Bayang-Ganassi-Pualas sections of the Lake Lanao Circumferential Road has an accomplishment rate of 97.25% and 53.58% respectively, while the completion of both projects was transferred to DPWH-X.

Under the Road Improvement and Institutional Development Project (RIIDP), 159.657 kilometers of roads are completed, 78.485 kilometers are ongoing, and 101.659 kilometers are under procurement stage.

Utilizing the assistance from the Korean Economic Development Cooperation Fund, the construction/improvement of the 14.9 kilometers of road and 221 lineal meters of bridges of the Samar Pacific Coastal Road is targeted to start on June 2017. The Korea Eximbank (KEXIM) already concurred the bidding documents last December 13, 2016.

The 3.60 kilometers Panguil Bay bridge project in Northern Mindanao is targeted to finish its pre-project activities of Detailed Engineering Design, Bidding, and Civil Works by the 1st-2nd quarter of 2017, while the Detailed Engineering Design on the Bacolod-Silay-Airport Access Road Phase II was completed last July 2016.

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Legal Service

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Department of Public Works and Highways, Philippines
Bonifacio Drive, Port Area, Manila
Telephone: 304-3000 Hotline: 165-02
citizen_feedback@dpwh.gov.ph
www.dpwh.gov.ph