BOLDEST, MOST AMBITIOUS INFRASTRUCTURE PROGRAM IN HISTORY (% TO GDP)

Source: Philippine Institute for Development Studies

AVERAGE FOR PAST SIX (6) ADMINISTRATION IN 50 YEARS

DUTERTE YEAR 1
(2017 Budget)

Source: Philippine Institute for Development Studies
GOLDEN AGE OF INFRASTRUCTURE

P8-9 Trillion
($160-180 Billion)
(FY 2017-FY 2022)

Projections consistent with the medium-term fiscal targets and growth assumptions approved during the 170th DBCC Meeting on June 9, 2017. *Obligation basis.
2011-2018 DPWH TOTAL BUDGET:

<table>
<thead>
<tr>
<th>Year</th>
<th>Total (Php'Billion)</th>
<th>($'Billion)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011</td>
<td>P 110.6 B</td>
<td>US $ 2.2 B</td>
</tr>
<tr>
<td>2012</td>
<td>P 125.7 B</td>
<td>US $ 2.5 B</td>
</tr>
<tr>
<td>2013</td>
<td>P 169.3 B</td>
<td>US $ 3.4 B</td>
</tr>
<tr>
<td>2014</td>
<td>P 219.3 B</td>
<td>US $ 4.4 B</td>
</tr>
<tr>
<td>2015</td>
<td>P 303.2 B</td>
<td>US $ 6.1 B</td>
</tr>
<tr>
<td>2016</td>
<td>P 397.1 B</td>
<td>US $ 7.9 B</td>
</tr>
<tr>
<td>2017</td>
<td>P 467.7 B</td>
<td>US $ 9.4 B</td>
</tr>
<tr>
<td>2018</td>
<td>P 643.3 B</td>
<td>US $ 12.9 B</td>
</tr>
<tr>
<td>Core</td>
<td>Support</td>
<td>Outcome</td>
</tr>
<tr>
<td>------------</td>
<td>--------------------------------------</td>
<td>-------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Mission</td>
<td>Vision</td>
<td>Strategic Map 2022</td>
</tr>
<tr>
<td>To provide and manage quality infrastructure facilities and services responsive to the needs of the Filipino people in the pursuit of national development objectives.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**VISION**

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

**Right Project. Right Cost. Right Quality. Right on Time. Right People**

<table>
<thead>
<tr>
<th>Reduced travel time</th>
<th>Improved road quality &amp; safety</th>
<th>Lives &amp; properties protected from natural disasters</th>
</tr>
</thead>
<tbody>
<tr>
<td>Increase road network capacity</td>
<td>Meet international standard for road surface quality</td>
<td>Mitigate flood damage in major river basins</td>
</tr>
<tr>
<td>Construct new roads &amp; bridges for a seamless transport system</td>
<td>Provide engineering solutions to road safety concerns</td>
<td>Build disaster-resilient structures in calamity-prone areas</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Institutionalize multi-year planning</th>
<th>Conform with design standards</th>
<th>Expedite procurement process</th>
<th>Comply with maintenance standards</th>
</tr>
</thead>
<tbody>
<tr>
<td>Connect convergence road projects to the national road network</td>
<td>Nurture a culture of ethical innovation &amp; continuous learning</td>
<td>Augment personnel &amp; enhance competencies</td>
<td>Enable the core processes with the latest appropriate technology</td>
</tr>
<tr>
<td>Optimize equipment utilization &amp; increase absorptive capacity</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**DPWH Mandate:**

The DPWH is mandated to undertake (a) the planning of infrastructure, such as national roads and bridges, flood control, water resources projects and other public works, and (b) the design, construction, and maintenance of national roads and bridges, and major flood control systems.

**Condition of Philippine Road Network:**

<table>
<thead>
<tr>
<th>Road Network</th>
<th>Total (km)</th>
<th>Paved (km)</th>
<th>% of Paved</th>
</tr>
</thead>
<tbody>
<tr>
<td>National</td>
<td>32,770</td>
<td>30,010</td>
<td>91.58%</td>
</tr>
<tr>
<td>Primary</td>
<td>7,067</td>
<td>7,066</td>
<td>99.98%</td>
</tr>
<tr>
<td>Secondary</td>
<td>14,148</td>
<td>13,088</td>
<td>92.51%</td>
</tr>
<tr>
<td>Tertiary</td>
<td>11,555</td>
<td>9,856</td>
<td>85.30%</td>
</tr>
<tr>
<td>Local Road</td>
<td>177,595</td>
<td>33,479</td>
<td>18.85%</td>
</tr>
<tr>
<td>Provincial</td>
<td>30,151</td>
<td>10,703</td>
<td>35.50%</td>
</tr>
<tr>
<td>Municipal</td>
<td>15,349</td>
<td>5,375</td>
<td>35.02%</td>
</tr>
<tr>
<td>City</td>
<td>15,331</td>
<td>9,458</td>
<td>61.69%</td>
</tr>
<tr>
<td>Barangay</td>
<td>116,765</td>
<td>7,943</td>
<td>6.80%</td>
</tr>
<tr>
<td>Total</td>
<td>210,366</td>
<td>63,489</td>
<td>30.18%</td>
</tr>
</tbody>
</table>

**National Bridges:**

<table>
<thead>
<tr>
<th>Total</th>
<th>Permanent</th>
<th>% Permanent</th>
</tr>
</thead>
<tbody>
<tr>
<td>No.</td>
<td>Lm.</td>
<td>No.</td>
</tr>
<tr>
<td>8,161</td>
<td>364,162</td>
<td>8,079</td>
</tr>
</tbody>
</table>
## DPWH Major Strategic Infrastructure Program and Policies

### Traffic Decongestion Program
- Implement High Standard Highways/Expressways; Construct / widen national roads and bridges;
- Construct by-passes/diversion roads; Construct flyovers; interchanges and underpasses)
- **FY 2017:** P 113 B ($2.3B)  
  **FY 2018:** P 161 B ($3.2B)

### Integrated and Seamless Transport System
- Mindanao Infrastructure Logistics Network, MLIN; Construct/improve roads leading to growth corridors in Western Mindanao; Study and implement Inter-island linkage projects; Connect gaps along national roads; Construct/replace bridges)
- **FY 2017:** P 88 B ($1.8B)  
  **FY 2018:** P 96 B ($1.9B)

### Convergence and Rural Road Development Program
- Construct/upgrade local access roads to designated tourism destinations, RORO ports / seaports and airports; Construct/improve roads leading to industrial trade corridors.
- **FY 2017:** P 18 B ($0.4B)  
  **FY 2018:** P 51 B ($1.0B)

### Livable, Sustainable & Resilient Communities

#### Integrated Water Resources Management Program
- Construct/rehabilitate flood mitigation structures along major river basins and principal rivers; Construct water impounding projects; Construct water supply/septage & sewerage/rain collectors; Upgrade drainage capacity
- **FY 2017:** P 107 B ($2.1B)  
  **FY 2018:** P 168 B ($3.4B)

#### 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

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US $ 1 = Php 50
Complete and update the flood control and drainage master plans and feasibility studies of the 18 Major River Basins & critical Principal Rivers.

**Pasig-Marikina River Channel Improvement-Phase III**
- Project Cost: P 7.55 B ($151.0M)
- Schedule: 2014-2017

**Flood Risk Management Project for Cagayan, Tagoloan and Imus Rivers**
- Project Cost: P 6.18 B ($123.6M)
- Schedule: 2016-2019

**Flood Risk Management Project in Cagayan de Oro River**
- Project Cost: P 8.55 B ($171.0M)
- Schedule: 2018-2022

Note: Major River Basin Drainage Area > 1,400 sq.km.
Metro Manila Priority Bridges Seismic Improvement Project (Guadalupe and Lambingan Bridges)
Project Cost: P4.29 B ($85.8M)
Schedule: 2019-2023

Dalton Pass East Alignment Alternative Road Project
Project Cost: P4.8 B ($96.0M)
Schedule: 2017-2022

Daang Maharlika, Carranglan, Nueva Ecija Landslide Protection Project
Project Cost: P850 M ($17.0M)
Schedule: 2017-2019

Surigao-Davao Road Landslide Protection Project
Project Cost: P128 M ($2.6M)

Leyte Tide Embankment
Project Cost: P7.9 B ($158.0M)
Schedule: 2016-2022

Integrated Disaster Risk Reduction and Climate Change Adaptation Measures in the Low Lying Areas of Pampanga Bay
Project Cost: P4.22 B ($84.4M)
Schedule: 2017-2020
Major Regional Infrastructure Development Projects

NEW BACOLOD ECONOMIC HIGHWAY, 21.5 Km

METRO CEBU EXPRESSWAY, 73.8 Km

CAGAYAN DE ORO COASTAL ROAD, 12.8 Km

DAVAO CITY BY-PASS ROAD, 44.6 Km

DAVAO CITY COASTAL ROAD, 18.5 Km
MINDANAO LOGISTICS INFRASTRUCTURE NETWORK (MLIN)

Construction / improvement of 2,567 km road network in Northern Mindanao, Davao, SOCCSKSARGEN and CARAGA Regions.

PROJECT COST: P 98.15 B ($1.96 B)
START: 2015
COMPLETION: 2019
IMPROVING GROWTH CORRIDORS IN MINDANAO ROAD SECTOR PROJECT

Construction / improvement of 276.5 km road network in Zamboanga del Norte, Zamboanga del Sur and Zamboanga Sibugay provinces.

PROJECT COST: P 21.19 B ($423.8M)
START: 2018
COMPLETION: 2020
Inter-Island Linkage Project

- CAMARINES-CATANDUANES FRIENDSHIP BRIDGE, 10.7km
- MINDORO-BATANGAS SUPER BRIDGE, 15km
- PANAY-GUIMARAS-NEGROS LINK BRIDGE, 19.2 km
- CEBU-NEGROS LINK BRIDGE, 7km
- PANGUIL BAY BRIDGE, 3.5km
- LUZON-SAMAR LINK BRIDGE, 25.4km
- CEBU-BOHOL LINK BRIDGE, 27.5km
- LEYTE-SURIGAO LINK BRIDGE, 23km
- BOHOL-LEYTE LINK BRIDGE, 35km
Inter-Island Linkage Project (Long-Span Bridges)

**Panguil Bay Bridge**
Length: 3.5 Km  
Project Cost: P 4.86 B ($97.2M)  
Schedule: 2018-2021

**Panay-Guimaras-Negros Link Bridge**
Length: 19.2 Km  
Project Cost: P 97.30 B ($1.9B)  
Schedule: 2018-2025
Metro Manila Logistics Improvement Project
From 30 bridges to 42 bridges crossing Pasig River, Marikina River and Manggahan Floodway

BINONDO-INTRAMUROS BR.
NORTH & SOUTH HARBOR BR.
PALANCA-VILLEGAS BR.
BEATA-MANALO BR.
BLUMENTRITT-ANTIPOLO BR.
ESTRELLA-PANTALEON BR.
STA. MONICA-LAWTON BR.
MARIKINA-VISTA REAL BR.
J.P. RIZAL-LOPEZ JAENA BR.
J.P. RIZAL-ST. MARY BR.
MERCURY-EVANGELISTA BR.
EAST BANK-WEST BANK BR. 1
LAMBINGAN BR.
GUADALUPE BR.
EAST BANK-WEST BANK BR. 2
**Metro Manila Logistics Improvement Project**

**Binondo-Intramuros Bridge**
Length: 807.0 m  
Project Cost: P4.61 B ($92M)  
Schedule: 2018-2021

**Bonifacio Global City-Ortigas Center Link Road Project**
Length: 961.4 m  
Project Cost: P1.63 B ($33M)  
Schedule: 2017-2020

**North & South Harbor Bridge**
Length: 2,026.0 m  
Project Cost: P8.03 B ($161M)  
Schedule: 2020-2022

**Palanca-Villegas Bridge**
Length: 438.1 m  
Project Cost: P1.60 B ($32M)  
Schedule: 2020-2022

**Beata-Manalo Bridge**
Length: 637.0 m  
Project Cost: P1.39B ($28M)  
Schedule: 2019-2021

**Blumentritt-Antipolo Bridge**
Length: 364.0m  
Project Cost: P1.10 B ($22M)  
Schedule: 2020-2021
Metro Manila Logistics Improvement Project

**J.P. Rizal-Lopez Jaena Bridge**
Length: 594.2 m  
Project Cost: P1.61 B ($32M)  
Schedule: 2020-2022

**J.P. Rizal-St. Mary Bridge**
Length: 2,178.2 m  
Project Cost: P5.74 B ($115M)  
Schedule: 2019-2022

**Marikina-Vista Real Bridge**
Length: 414.9 m  
Project Cost: P1.81 B ($36M)  
Schedule: 2019-2022

**Mercury-Evangelista Bridge**
Length: 527.8 m  
Project Cost: P1.37 B ($27M)  
Schedule: 2019-2021

**Eastbank-Westbank Bridge I**
Length: 200.0 m  
Project Cost: P1.54 B ($31M)  
Schedule: 2020-2022

**Eastbank-Westbank Bridge II**
Length: 929.8 m  
Project Cost: P3.18 B ($64M)  
Schedule: 2019-2022
Metro Manila Logistics Improvement Project

**Estrella-Pantaleon Bridge**
- Length: 560.0 m
- Project Cost: P1.37 B ($27M)
- Schedule: 2018-2021

**Metro Manila Priority Bridges Seismic Improvement Project (Guadalupe and Lambingan Bridges)**
- Project Cost: P4.29 B ($85.8M)
- Schedule: 2019-2023
Luzon Spine Expressway Network

From 385 km to 1,040 km High Standard Highways in Luzon. *La Union to Bicol in 8 hours and 15 minutes.*
Tarlac-Pangasinan-La Union Expressway
Length: 88.9 Km
Project Cost: P24.42 B ($488.4M)
Schedule: 2010-2018

Central Luzon Link Expressway, Phase I (Tarlac-Cabanatuan, Nueva Ecija)
Length: 30.0 Km
Project Cost: P14.94 B ($298.8M)
Schedule: 2016-2020

Plaridel By-Pass, Phase II
Length: 9.96Km
Project Cost: P3.68 B ($73.6M)
Schedule: 2014-2018

NLEX Harbor Link-Seg. 10
Length: 5.6 Km
Project Cost: P9.0 B ($180.0M)
Schedule: 2014-2018

Metro Manila Skyway – Stage 3
Length: 14.8Km
Project Cost: P37.43B ($748.6M)
Schedule: 2015-2019

NLEX-SLEX Connector Road
Length: 8.0 Km
Project Cost: P23.30B ($466.0M)
Schedule: 2019-2021
**Luzon Spine Expressway Network**

**NAIAx Phase II**
Length: 14.8 Km
Project Cost: P20.45B ($409.0M)
Schedule: 2014-2017

**Cavite-Laguna Expressway**
Length: 44.2 Km
Project Cost: P35.68 B ($713.6M)
Schedule: 2017-2020

**South Luzon Expressway-Toll Road 4**
Length: 56.9Km
Project Cost: P13.10 B ($262.0M)
Schedule: 2017-2021

**Quezon-Bicol Expressway**
Length: 180.0 Km
THANK YOU!