

DPWH Strategic Infrastructure Programs and Policies

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Philippine Development Plan (PDP) 2017-2022

Key Principles of Spatial Development



Philippine Development Plan 2017-2022

Integration of leading and lagging areas and urban-rural linkages through transportation networks

Improvement of access to social services

Identification of locations of major infrastructure to maximize their benefits

Improvement of local, national, and international connectivity

Promotion of sustainable development and resiliency



2017-2022 Philippine Development Plan

Strategic Framework (Targets)



Source: pdp.neda.gov.ph

Growth in gross domestic product (GDP) is expected to strengthen at 7 to 8 percent.

Growth will be more inclusive as manifested by a lower poverty from 21.6 percent in 2015 to 14.0 percent in 2022.

Unemployment rate will decline from the current 5.5 percent to 3-5 percent in 2022.

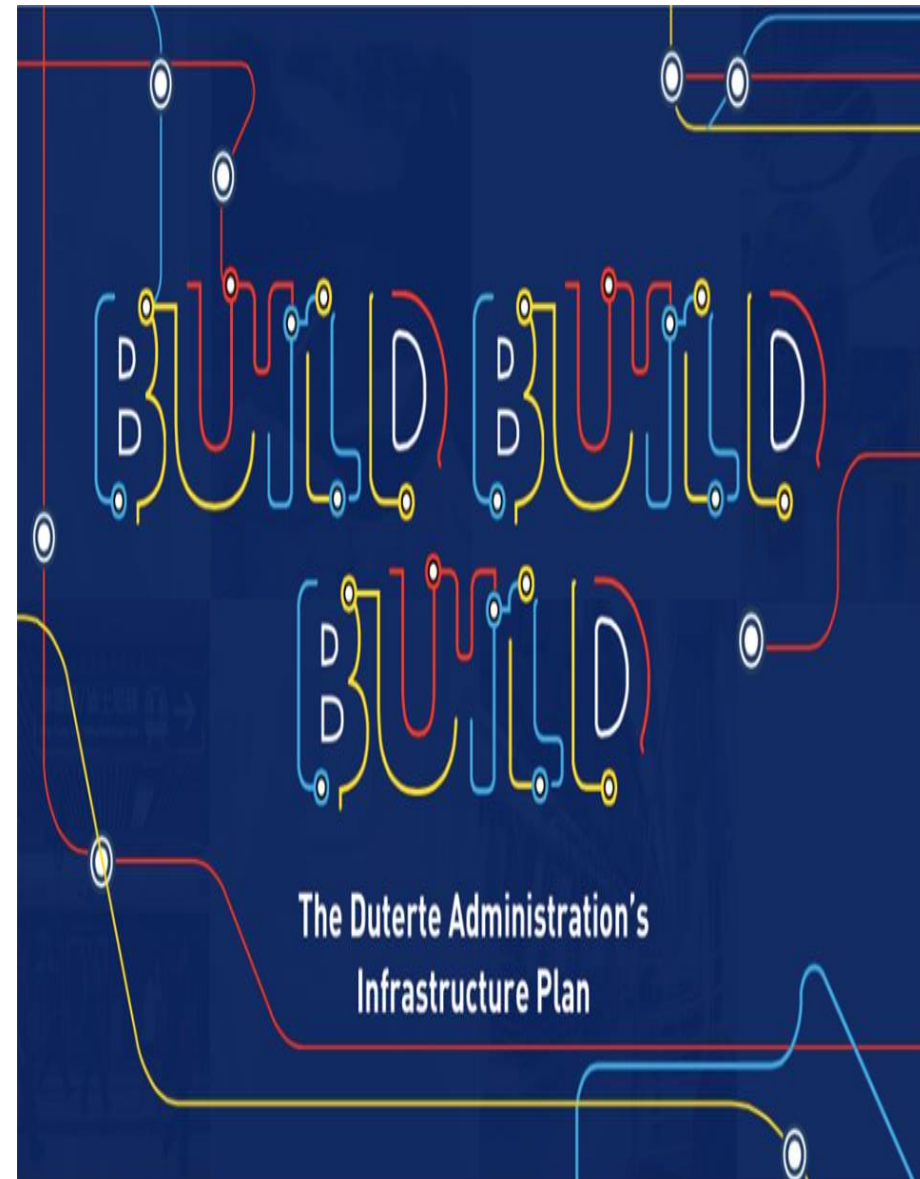
Greater trust in government and in society.

Individuals and communities will be more resilient.

Filipinos will have greater drive for innovation.

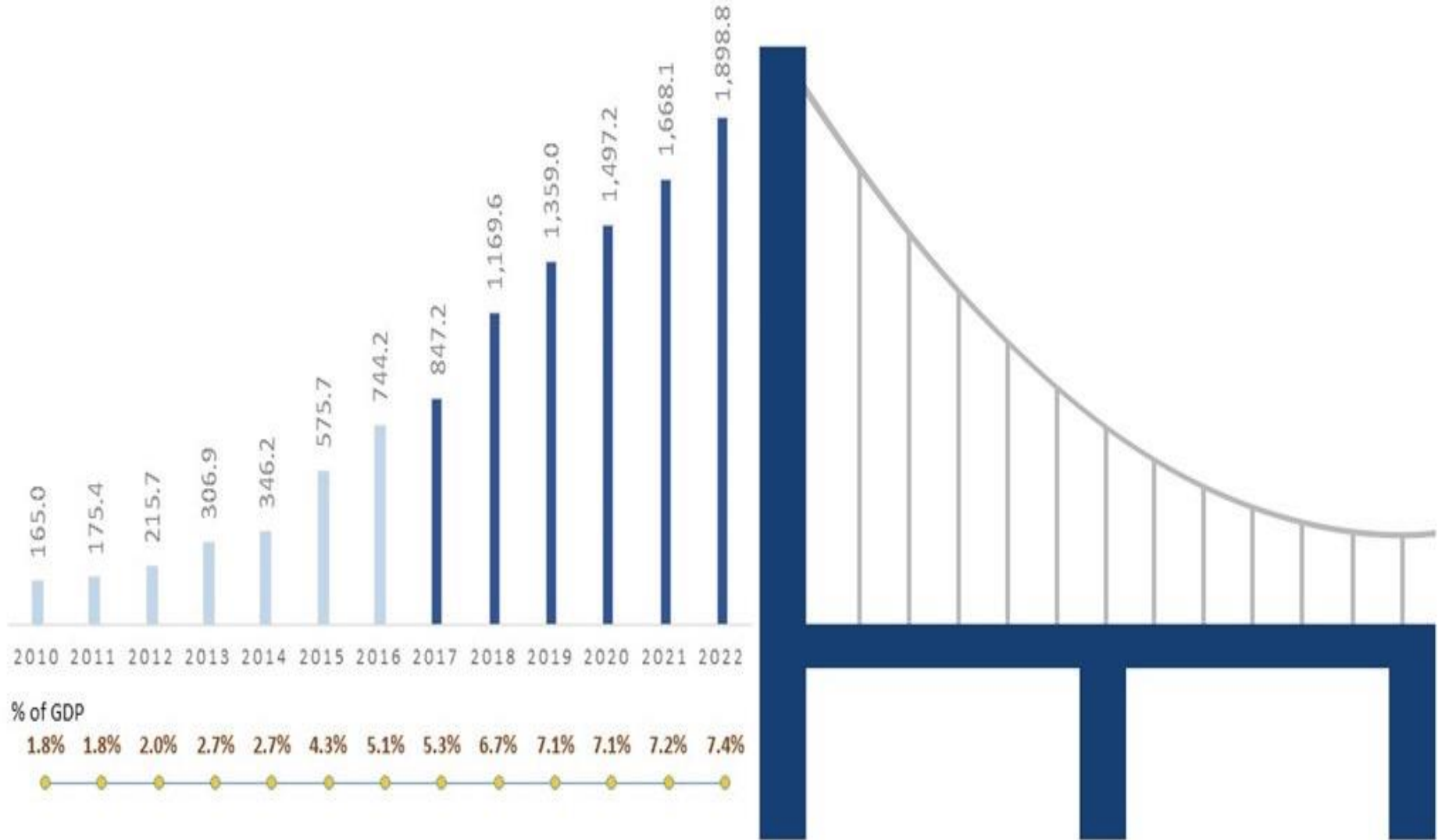
ZERO + 10 POINT ECONOMIC AGENDA

- ❖ Peace and Order
- ❖ Continue and maintain current macroeconomic policies, including fiscal, monetary, and trade policies.
- ❖ Institute progressive tax reform and more effective tax collection, indexing taxes to inflation.
- ❖ ***Increase competitiveness and the ease of doing business.***
- ❖ ***Accelerate annual infrastructure spending to account for 5% of GDP, with PPP playing a key role.***
- ❖ ***Promote rural and value chain development toward increasing agricultural and rural enterprise productivity and rural tourism.***
- ❖ Ensure security of land tenure to encourage investments, and address bottlenecks in land management and titling agencies.
- ❖ Invest in human capital development, including health and education systems, and match skills and training.
- ❖ Promote science, technology, and the creative arts to enhance innovation and creative capacity towards self-sustaining, inclusive development.
- ❖ Improve social protection programs, including the government's Conditional Cash Transfer (CCT) program.
- ❖ Strengthen implementation of the Responsible Parenthood and Reproductive Health Law.



GOLDEN AGE OF INFRASTRUCTURE

P8.4 trillion for public infrastructure in 6 years



DPWH Strategic Programs and Policies

Traffic Decongestion Program

(Construct / **widen national roads and bridges**; Construct **by-passes/diversion roads**; Construct **flyovers**; **interchanges** and **underpasses**)

Integrated and Seamless Transport System

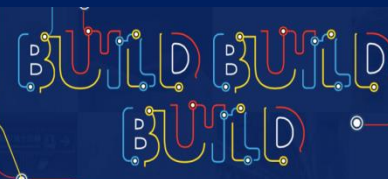
(Construct/improve logistics infrastructure network in Northern Mindanao, Davao, SOCSARGEN and CARAGA (**MLIN**); Construct/improve roads leading to growth corridors in Western Mindanao; Study and implement **Inter-island linkage projects** through long-span bridges; **Connect gaps** along national roads; Construct/replace bridges; 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

(Construct/upgrade local **access roads to designated tourism destinations**, **RORO ports / seaports** and **airports**; Construct **Farm to Market Roads (FMRs)**; Construct/improve **roads leading to industrial trade corridors.**)



DPWH Strategic Programs and Policies

Livable, Sustainable and Resilient Communities

Integrated Water Resources Management Program

(Construct/rehabilitate **flood mitigation structures along major river basins and principal rivers**; Construct **water impounding projects** to optimize water resources; Construct **water supply/septage & sewerage/rain collectors**; Upgrade/improve **drainage capacity**)

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**; Upgrade quality standards based on Design Guidelines, Criteria & Standards (DGCS) 2015)

Infrastructure Support for Marginalized Sectors

(Construct support **facilities for marginalized sectors** (senior citizens, physically challenged persons, women sector, etc.)

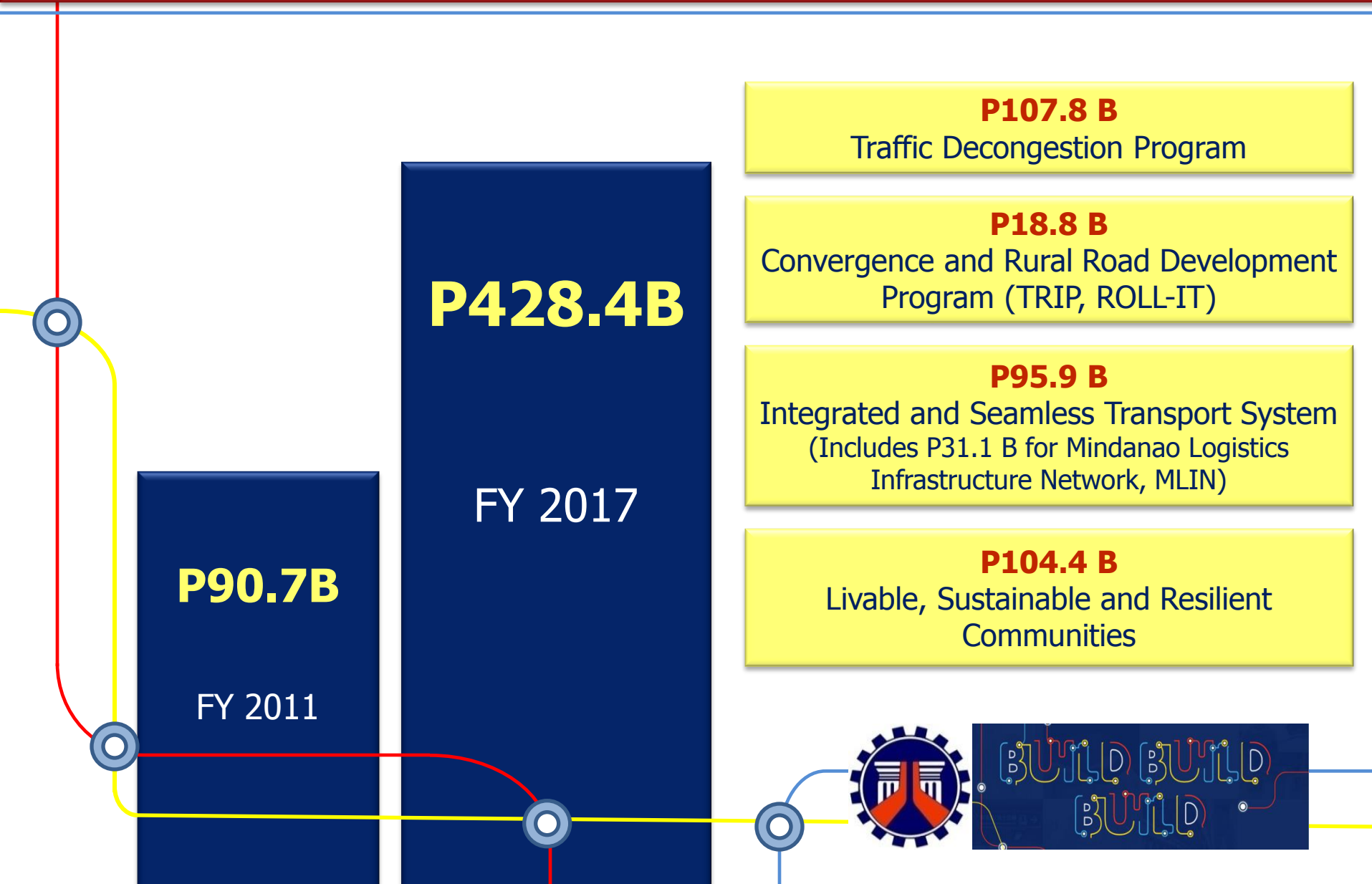
Create Environment-Friendly Communities

(Build more **bike lanes and pedestrian infrastructure**.)

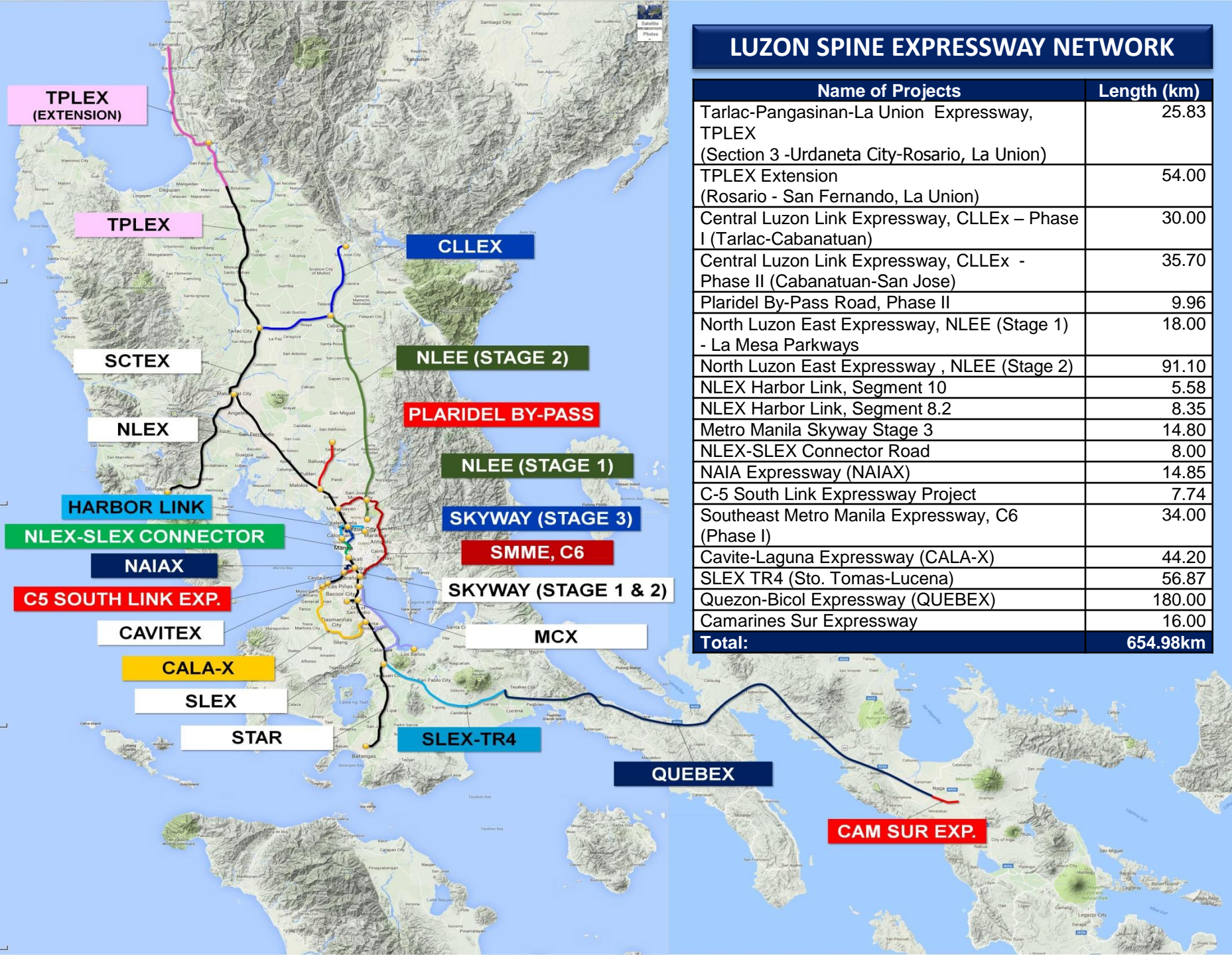


DPWH FY 2017 INFRASTRUCTURE PROGRAM

(Amount in Billion)

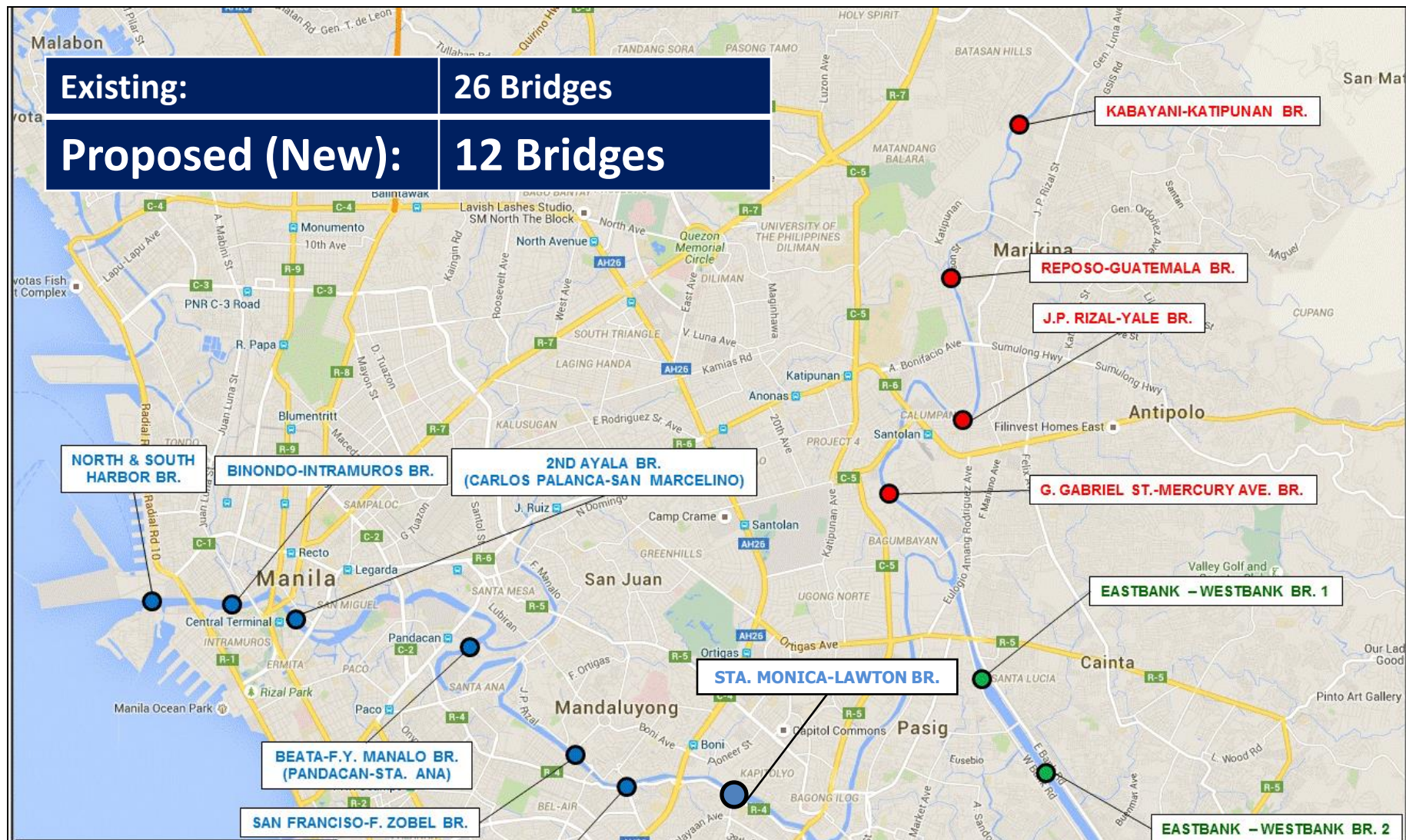


LUZON SPINE EXPRESSWAY NETWORK





12 new Bridges crossing Pasig River, Marikina River and Manggahan Floodway



Pasig River, Marikina River and Manggahan Floodway Bridges Construction Project (12 Bridges)

Bridges crossing Pasig River (6)

- North and South Harbor Bridge
- Binondo-Intramuros Bridge
- 2nd Ayala Bridge (Carlos Palanca-San Marcelino)
- Beata-F.Y. Manalo Bridge (Pandacan-Sta. Ana)
- F. Blumentritt-Antipolo Bridge
- Estrella-Pantaleon Bridge

Bridges crossing Marikina River (4)

- Kabayani-Katipunan Bridge
- Reposo-Guatemala Bridge
- J.P. Rizal-Yale Bridge
- G. Gabriel St.-Mercury Ave. Bridge

Bridges crossing Manggahan Floodway (2)

- East Bank-West Bank Bridge 1
- East Bank-West Bank Bridge 2



Binondo-Intramuros Bridge

Construction of a Steel Bowstring Arch Bridge with intersecting reclining arches supporting a 4-lane deck of approximately 807 lineal meters to connect Intramuros side (at Solana Street and Riverside Drive) and Binondo side (at San Fernando Street with a viaduct over the creek adjacent to Muelle del Binondo)

Project Cost: P4.61 B

Project Duration: 2 ½ years



Estrella-Pantaleon Bridge

Replacement of the existing bridge into a 3-span Twin Spine steel box girder with voided concrete slab approach supporting a 4-lane deck of approximately 560 lineal meters to connect Estrella Street at Makati side to Barangka Drive at Mandaluyong side

Project Cost: P1.37 B

Project Duration: 2 ½ years



BUILD BUILD
BUILD

Bonifacio Global City-Ortigas Center Link Road Project

Sta. Monica-Lawton Bridge:

613.77 m - 4 lane bridge across Pasig River connecting Lawton Ave. in Makati City and Sta. Monica St. in Pasig City.

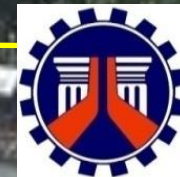
Lawton Ave.-Global City Viaduct:

347.66 m – 4 lane viaduct structure traversing Lawton Avenue onwards to the entrance of Bonifacio Global City in Makati City.

Will decongest traffic from EDSA and C-5 particularly along the section of Guadalupe Bridge and Bagong Ilog Bridge respectively.

Project Cost: P1.83 B

Schedule: 2017-2020



Metro Manila Priority Bridges Seismic Improvement Project (Guadalupe Bridge and Lambingan Bridge)

Replacement of: 1) outer bridges and substructure including foundation of inner bridge of Guadalupe Bridge; 2) Lambingan Bridge with vertical geometry improvement of both sides approach road.

The seismic improvement of both bridges will enable quicker recovery of socio-economic activities after a large-scale earthquake.

It will prevent about 1,200 casualties since there is a high probability that both bridges will collapse after a large-scale earthquake.

It will also ensure the safety of about 365,000 motorists who use the Guadalupe Bridge and about 30,257 motorists that pass by Lambingan Bridge every day.

Project Cost: P4.29 B
Schedule: 2019-2021



Metro Cebu Expressway

73.75 km highway with 2 km tunnel.

Segment 1: Talisay-Cebu City-Mandaue: 26.8 km – 6 lanes including 2 km tunnel.

Segment 2: Consolacion-Liloan-Compostela-Danao: 29.799 km – 4 lanes

Segment 3: Naga-Minglanilla: 17.15 kms – 4 lanes

Will reduce travel time from Danao City to Naga City from 3 hours to 1 hour and 25 minutes.

Project Cost: P54.17B

Schedule: 2018-2022



New Bacolod Economic Highway

Construction of 21.8 km – 4 lane road including 3 bridges (115 lineal meters) and 2 way bike lane that would serve as an alternate route passing the interior area of Bacolod City leading to Bacolod Silay Airport and tourists destinations in the area.

It starts at junction of Bacolod South Road, Brgy. Sum-ag, Bacolod City and end at junction Bacolod Circumferential Road and Bacolod Silay Airport Access Road I, Brgy. Bata, Bacolod City.

Will reduce travel time from Bacolod City to Bacolod Silay Airport from 45 minutes to 15 minutes.

Project Cost: P5.79 B

Schedule: 2017-2022



Davao City Coastal Road

18.50-Km coastal road project with bicycle and construction of 6 bridges with a total length of 1,244 linear meters.

The project will start at Jct. Bago (south), Jct. Talomo, Matina Aplaya, Roxas Avenue to Sta. Ana Wharf toward R. Castillo Avenue (north).

It will serve as an alternative route to the already congested Davao-Cotabato Road en route to the city center.

It will also complement the proposed Mega Harbor reclamation project in Davao city which involves the development of a 200-hectare mixed-use complex, including an international port, commercial, residential and government office components.

Project Cost: P19.80 B

Schedule: 2017-2022



Davao City By-Pass Construction Project

South Section (Road) and Center Section (Tunnel)

JICA PH-P261- P 14.23 B

Road: 28.8 km

Tunnel: 2.28 km

*Improvement of existing two connector (local)
roads: 10.20 km*

North Section (Road) - P5.58 B

Road: 15.8 km

**Will reduce travel time from 1 hour and 44 minutes
via Pan-Philippine Highway and Diversion Road to 49
minutes via Davao By –pass road.**

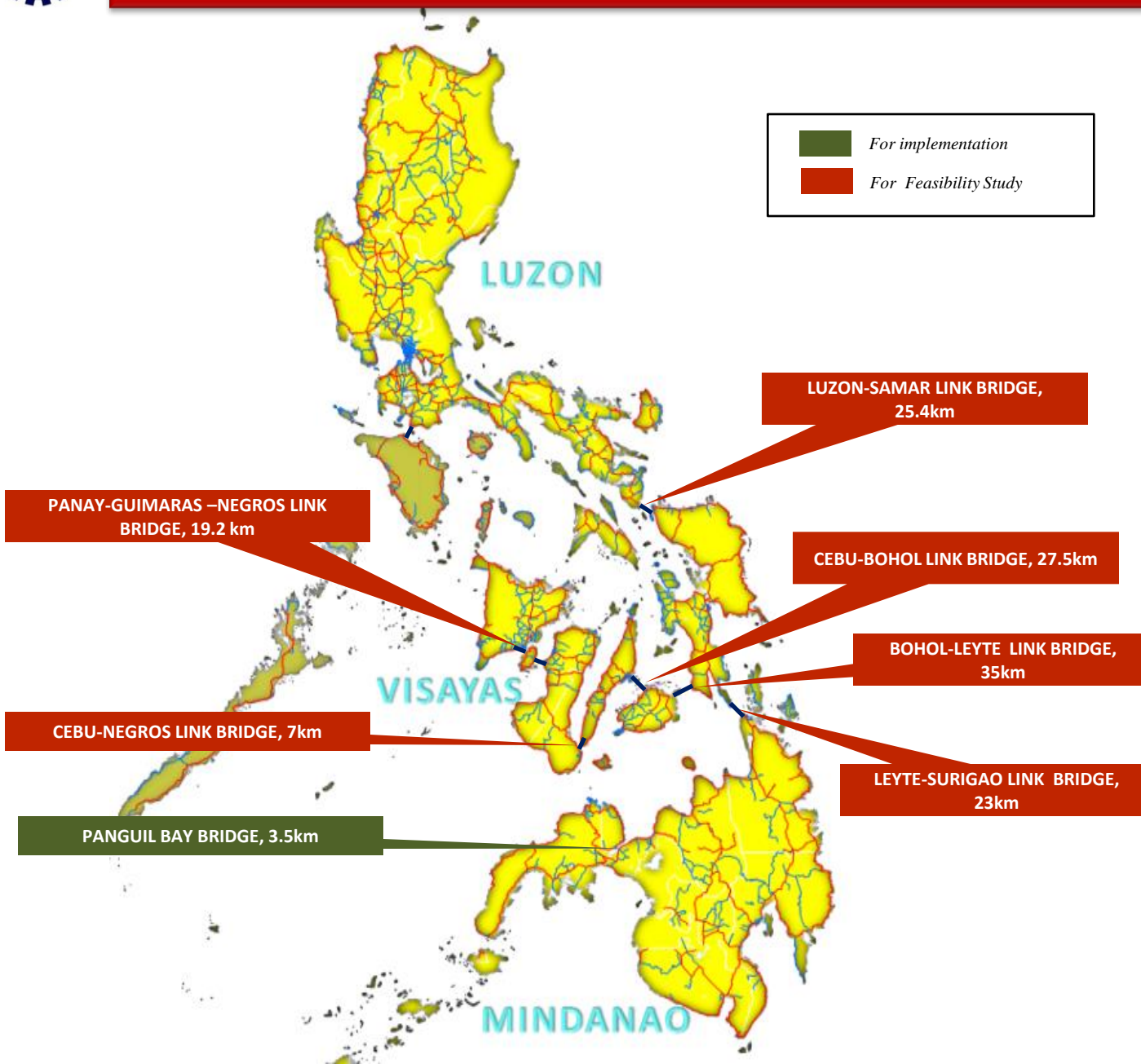
Project Cost: P19.81 B

Schedule: 2019-2022





Inter-Island Linkage Projects



Panguil Bay Bridge Project

Construction of a 3.48-kilometers bridge across Panguil Bay connecting the City of Tangub in Misamis Occidental and Municipality of Tubod in Lanao del Norte

It will only take 10 minutes to reach Tangub City from Tubod using the bridge. In comparison, without the bridge, one would have to take the 102-km route via the Tubod-Kapatagan-Molave-Tagub road, which will take 2.5 hours.

Travel time between Ozamiz City, Misamis Occidental and Mukas, Kolambugan, Lanao Del Norte will be reduced from 2.5 hours using RORO operations to 20 minutes using the Panguil Bay Bridge.

Will benefit 9,226 vehicles daily

**Project Cost: P4.86 B
Schedule: 2018-2021**



Panay-Guimaras-Negros (PGN) Island Bridge Project

Construction of 19.2 km long bridges linking the Visayas islands of Panay, Guimaras and Negros.

Estimated Project Cost: P97.30B

Project Duration: Six Years



Mindanao Logistics Infrastructure Network (MLIN) Program

Construct/improve logistics infrastructure network in Northern Mindanao, Davao, SOCSARGEN and CARAGA (Length-2,074 km)

Aims to enhance the agribusiness competitiveness in Mindanao by developing an intermodal logistics system that will address the constraints caused by high cost of transport and inadequate logistics infrastructure, among others.

Project Cost: P80.41 B

Schedule: 2015-2018



BUILD BUILD BUILD

Convergence and Rural Road Development Program

<p>Department of Tourism, DOT</p> 	<p>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).</p> <p>FY 2017 Budget – P12.28 B</p>
<p>Department of Transportation, DOTr</p> 	<p>Construct/upgrade access roads to RORO ports/seaports and airports.</p> <p>FY 2017 Budget – P5.81 B</p>
<p>Department of Trade and Industry, DTI</p> 	<p>Construct/improve roads leading to manufacturing, industries & trade corridors under the Roads Leveraging Linkages of Industry and Trade (ROLL IT) Program.</p> <p>FY 2017 Budget – P658.00 M</p>
<p>Department of Agriculture, DA</p> 	<p>Construct Farm to Market Roads in support to the Agri-Infrastructure program.</p> <p>FY 2017 Budget – P6.00 B</p>



Livable, Sustainable and Resilient Communities (Integrated Water Resources Management Program)



Name of Project	Php'B
Pasig-Marikina River Improvement and Dam Construction	198.44
Meycauayan River Improvement	14.04
Malabon-Tullahan River Improvement	21.64
South Parañaque-Las Piñas River Improvement	17.34
East Mangahan Floodway (Cainta & Taytay River Improvement)	25.90
West Laguna Lakeshore Land Raising	25.19
Land Raising for Small Cities around Laguna Lakeshore	7.16
Improvement of the Inflow Rivers to Laguna Lake	0.64
Manila Core Area Drainage Improvement	27.26
West Mangahan Area Drainage Improvement	5.52
Valenzuela-Obando-Meycauayan (VOM) Improvement	8.61
Total Estimated Requirement:	P351.7 B





Moving Forward:

- **Target Infrastructure Spending: 7.4% of GDP in 2022**
- **Improve expenditure performance**
 - Organize Infrastructure Monitoring and Advisory Group (IMAG).
 - Create a multi-media citizens feedback mechanism including 24/7 Secretary's hotline.
 - Expedite ROW resolution based on new ROW Law.
 - Streamline procurement process based on New Procurement Manual.
 - Institutionalize 24/7 operations.
 - Update and expand coverage of masterplans on road network system and flood & drainage system.
 - Initiate studies on tunneling technology.
 - Fast-track project implementation thru new construction methodology such as one-day curing of concrete pavement.
 - Augment infrastructure spending thru Public-Private Partnership (PPP) projects.
- **DPWH will continue and pursue investments in:**
 - Traffic decongestion programs/projects (expressways, diversion roads, by-passes, flyovers, interchanges and underpasses).
 - Logistics infrastructure network in Northern Mindanao, Davao, SOCSARGEN and CARAGA.
 - Access roads leading to growth corridors in Western Mindanao.
 - Inter-Island Linkage projects through long-span bridges.
 - Access roads leading tourism destinations, RORO ports/seaports and airports.
 - Roads leading to industrial trade corridors.
 - Disaster risk reduction and climate change adaptation & mitigation programs/projects.
 - Infrastructure support for marginalized sector.
 - Bike lanes and pedestrian infrastructure.
- **Institutionalization of reforms on anti-corruption program.**



THANK YOU !!!

www.dpwh.gov.ph

