



Department of Public Works and Highways

STRATEGIC INFRASTRUCTURE PROGRAMS AND PROJECTS

Examining the Philippine Road and Rail Transport
Infrastructure

February 16, 2022

Road and Rail Transport Infrastructure in the Philippines: Current State, Issues, and Challenges

Issues and Challenges	Remarks
Absorptive Capacity / Disbursement Rate	<ul style="list-style-type: none">• ISO 9001:2015 Certification shows that the management systems of all six (6) Bureaus, nine (9) Services, five (5) Unified Project Management Office (UPMO) Clusters, 16 Regional Offices, and 183 District Engineering Offices of the Department nationwide adequately complies with international standards.• 24/7 DPWH Call Center (165-02) to address queries and complaints.• Use digital applications for planning, design, procurement and contract management (i.e. Pavement and Bridge Management System (PMS/BMS) Multi-Year Planning and Scheduling (MYPS), Project and Contract Management Application (PCMA), etc.)• Continue geotagging infrastructure projects in project stages to provide a more transparent and accurate reporting of project accomplishment through the Department's Infratrack Application.• Enhance the Performance Governance System (PGS) Balanced Scorecard and Strategic Performance Management System to improve efficiency.• Decentralization of ROW Functions.• Streamlining the ROW Documentary Requirements• Issuance of Revised Right-of-Way Manual on August 2021.• Creation of Legal Division in every Regional Offices to augment the legal personnel of the Regional/District ROW Task Force.• Promote participatory governance by strengthening public consultations in the planning and implementation of projects.• Impose liquidated damages for erring contractors

Road and Rail Transport Infrastructure in the Philippines: Current State, Issues, and Challenges

Issues and Challenges	Remarks
Weak Connectivity	<ul style="list-style-type: none">• Improvement of Daang Maharlika (N1) and Nautical Highway Network to connect North and South Backbone.• Expand the country’s High Standard Highways / Expressway from 510 kilometers to 1,816 kilometers based on JICA-Assisted Master Plan on High Standard Highway (HSH) Network Development, Phases I and II through ODA and PPP.• Promote seamless and inclusive connectivity thru the construction of inter-island linkage bridge projects (12 bridges -Total Length: 88 Kilometers)• Metro Manila Logistics Improvement Program (11 Bridges - 8,825 lineal meters)• Asset Preservation Program (Preventive Maintenance, Rehabilitation/Reconstruction of Damaged Paved Roads, etc.)• Promote Active Transport and Zero Carbon Foot Print• Make road infrastructure safe, gender responsive and user friendly.

Road and Rail Transport Infrastructure in the Philippines: Current State, Issues, and Challenges

Issues and Challenges	Remarks
Weak Connectivity	<ul style="list-style-type: none">• Provide and improve connectivity to key areas and sectors such as agriculture; trade; industry clusters; Micro, Small & Medium Enterprises (MSME); and tourism development areas.<ul style="list-style-type: none">➤ Roads Leveraging Linkages of Industry and Trade (ROLL IT) Program – 2.0 “Logistics Efficiency and Transport Seamlessness to Enhance Agribusiness Trade” - LETS EAT (with DTI)➤ Tourism Road Infrastructure Program –TRIP (with DOT)➤ KAIsada TUngo sa Paliparan, Riles at daungAN (KATUPARAN) Program (with DOTr)➤ Agri-Infrastructure Support Program (with DA / NIA)



TRAFFIC DECONGESTION PROGRAM

- High Standard Highways and Expressways
- By-passes and diversion roads
- Flyovers, interchanges and underpasses

SEAMLESS AND INCLUSIVE CONNECTIVITY VIA NATIONAL AND LOCAL LINKAGES

- Daang Maharlika Highway (N1)
- Inter-Island Linkage Bridge Program
- Gaps and Missing Links along National Roads
- Nautical Highway Network
- Convergence Programs
 - Roads Leveraging Linkages of Industry and Trade (ROLL IT) Program – 2.0 “Logistics Efficiency and Transport Seamlessness to Enhance Agribusiness Trade” - LETS EAT (with DTI)
 - Tourism Road Infrastructure Program –TRIP (with DOT)
 - KAlsada TUNgo sa Paliparan, Riles at daungAN (KATUPARAN) Program (with DOTr)
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RESILIENT AND SUSTAINABLE COMMUNITIES

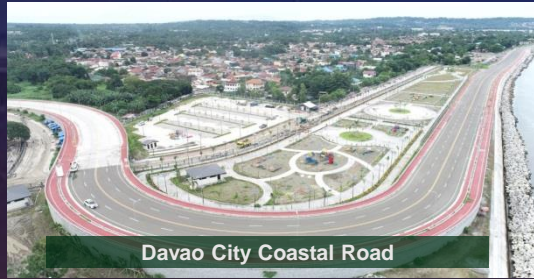
- Integrated Water Resources Management Program
 - Flood Mitigation Structures in Major River Basins and Principal Rivers.
 - Small Water Impounding Projects.
 - Water Supply (Level I and II)
 - Septage & Sewerage
 - Rain Water Collectors
 - Drainage Capacity Improvement
- Disaster Risk Reduction and Climate Change Adaptation Program
 - National Bridge Rehabilitation and Seismic Improvement
 - Road Network Redundancy Projects
- Social Infrastructure Programs
 - Evacuation Centers
 - Basic Education Facilities
 - Multi-Purpose and other Public Buildings
 - Quarantine and Isolation Facilities
 - Tatag ng Imprastraktura para sa Kapayapaan at Seguridad (TIKAS) Program
- Active Transport Program
 - Bike lanes Network
 - Pedestrian Infrastructure

Philippine High Standard Highway Network Program

Increase the country's High Standard Highways / Expressways from 510 kilometers to 1,816 kilometers based on HSH Master Plan Phases I and II



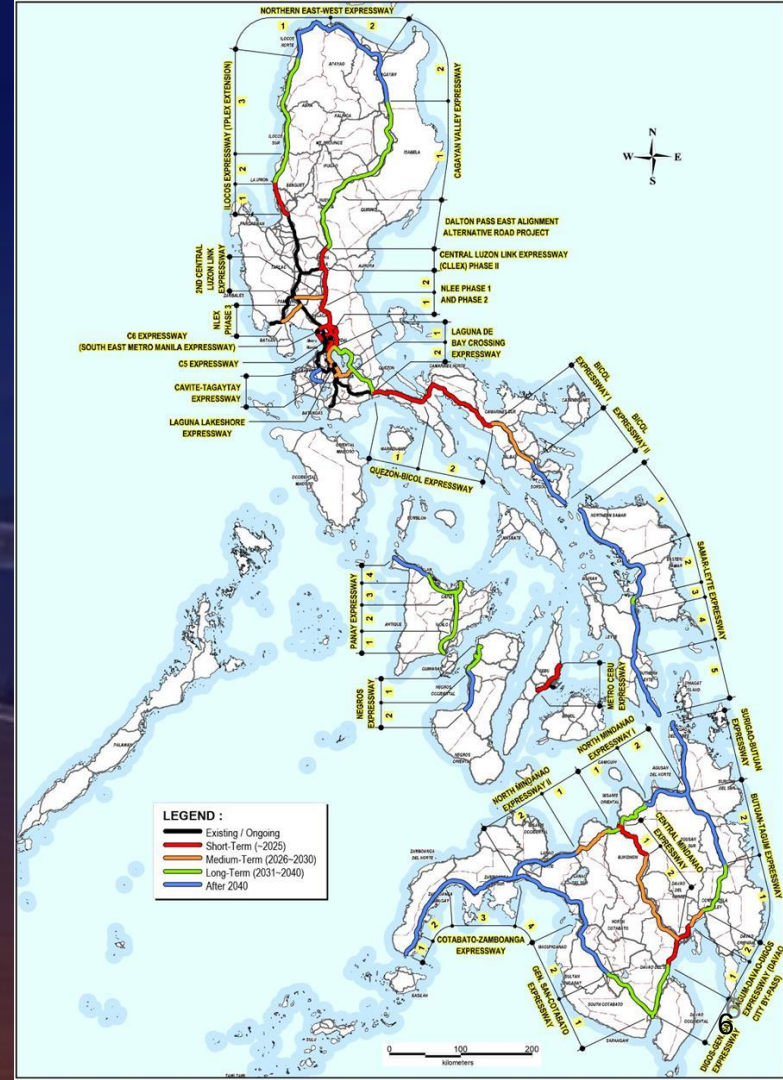
Metro Cebu Expressway



Davao City Coastal Road



Davao City By-Pass Construction Project

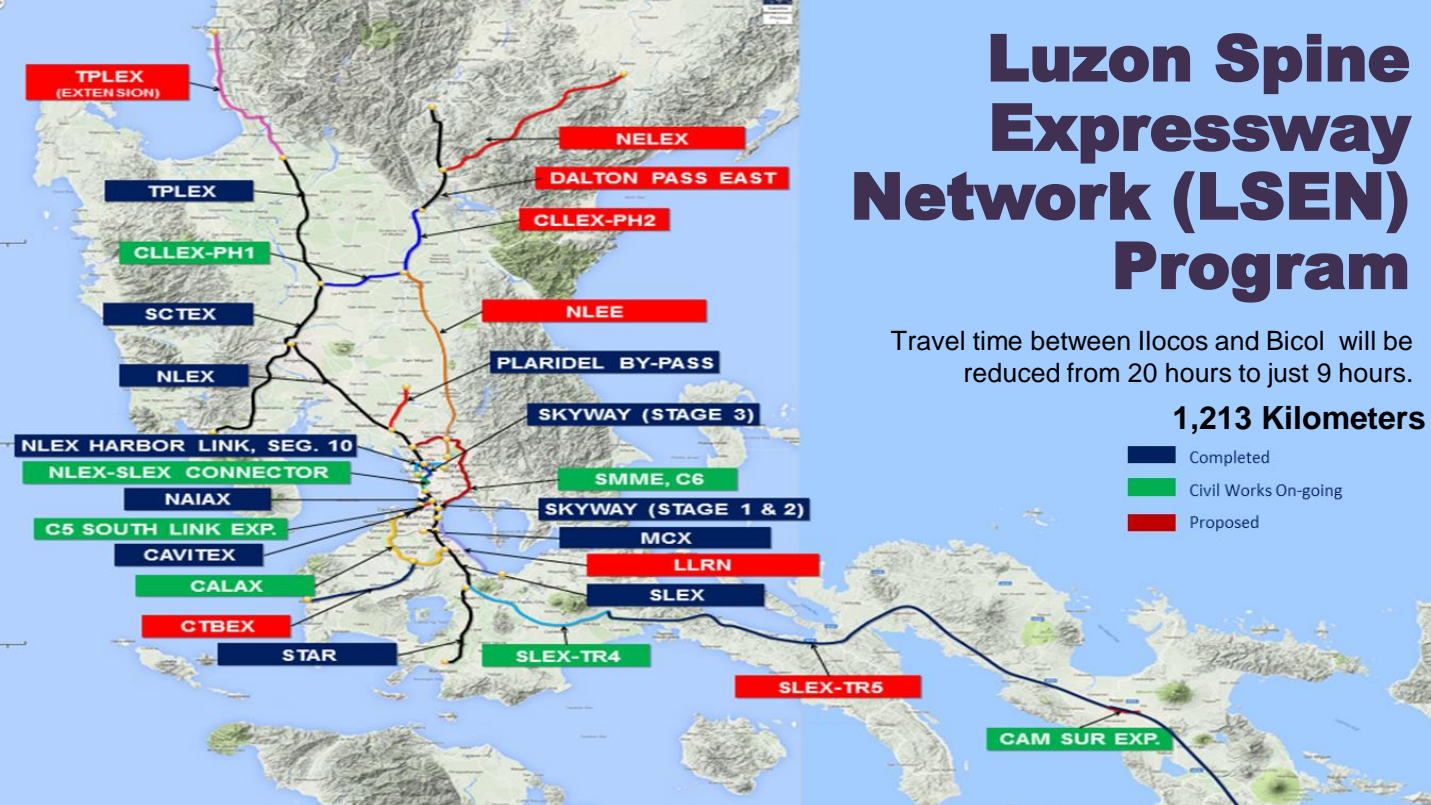


Luzon Spine Expressway Network (LSEN) Program

Travel time between Ilocos and Bicol will be reduced from 20 hours to just 9 hours.

1,213 Kilometers

- Completed
- Civil Works On-going
- Proposed



Metro Manila Logistics Improvement Program

11 Bridges (8,825 lineal meters)



Estrella-Pantaleon Bridge



Binondo-Intramuros Bridge



BGC-Ortigas Center Link Road Project



North & South Harbor Bridge



Palanca-Villegas Bridge



Homeowners Drive -A. Bonifacio Bridge



Marcos Highway-St. Mary Ave. Bridge

Inter-Island Linkage Bridge Program

12 Bridges (88 Kilometers)

**BATAAN-CAVITE INTERLINK
BRIDGE (32.15 Km)**

**PANGLAO-TAGBILARAN CITY
OFFSHORE BRIDGE
CONNECTOR (2.71 Km)**

**GUICAM BRIDGE
(0.54 Km)**

**3 TAWI-TAWI BRIDGES
(1.79 Km)**

**PANAY-GUIMARAS-NEGROS
ISLAND BRIDGES PROJECT
(32.47 Km)**

**CEBU-MACTAN 4TH BRIDGE AND
COASTAL ROAD CONSTRUCTION
PROJECT (3.4 Km)**

2ND SAN JUANICO BRIDGE (7.5 Km)

**PANGUIL BAY BRIDGE
(3.17 Km)**

**SAMAL ISLAND-DAVAO CITY
CONNECTOR BRIDGE
(3.98 Km)**

■ Completed
■ On-going
■ Proposed



Bataan-Cavite Interlink Bridge



Samal Island-Davao City Bridge



Panguil Bay Bridge



Cebu-Mactan Bridge (4th Bridge)



Panglao-Tagbilaran City Offshore Bridge



Panay-Guimaras-Negros Island Bridges





**THANK
YOU!**