



VISION DOCUMENT **PUBLIC WORKS DEPARTMENT**

(1) Vision Statement

To create and maintain sustainable infrastructure in Roads & Bridges, Water & Sanitation, Buildings and other developmental works to achieve an efficient service delivery for public at large.

(2) Objectives

- To provide adequate, clean drinking water to every household, schools, Angadwadis and other consumers by increasing the service levels of water supply to 100 LPCD in rural areas and 150 LPCD in urban areas, to reduce Non-Revenue water (NRW) to 25% and to achieve sewage coverage of 28% from present 16% in major towns and coastal belts.
- Maintenance and improvement of existing road network to enhance traffic and commuter safety, construction of major North-South & East-West corridor on National Highways for seamless travel, connectivity to international, domestic Airport and capital & major touristic, commercial, industrial areas.
- To upkeep of existing infrastructure of Government office/residential buildings, with more thrust on sustainable green buildings for future.

(3) Short Term Goals (achievable by 2021)

- To provide metered, clean drinking water tap connection to all households, schools & other consumers, raise water supply levels to 55 LPCD in all rural areas and 100 LPCD in urban areas, reduce Non Revenue Water (NRW) to 38% and increase sewage coverage to 20%.
- To complete 4-lane stretch of 70 Kms on NH and complete re-surfacing of 75 Kms of existing roads under various categories.

(4) Medium Term Goals (Targets by 2023)

- Adding another 75 MLD to existing 621.75 MLD to increase water supply levels, reduction of Non Revenue Water (NRW) to 35% and increase of sewerage connectivity to 26%
- To complete NH corridor of 70 km with 4-lane concrete road along with state-of-art 8-lane cable stayed new bridge at Zuari, Mormugao Port and Mopa International Airport connectivity, New Borim Bridge and Bicholim Bypass, Repairs, rehabilitation, re-construction of various culverts, minor/major bridges on various categories of roads.
- Construction of Darbar Hall & Dining Palace at Raj Bhavan, Dona Paula, construction of new Police outpost buildings at Quepem & St.Cruz, construction of new Fire Station building at Vasco, construction of "B" type Police quarters at Arlem.

(5) Long Term Goals (Targets by 2025)

- Adding another 160 MLD to water production, Reduction of Non Revenue Water (NRW) to 30% by attending leakages, replacement of old A.C. pipelines, proper water auditing and reducing real & apparent losses.
- Sewerage network in major cities of Panaji, Margao, Vasco, major towns of Mapusa, Sakhalim, Ponda, Curchorem and coastal belts of Baga, Calangute, Candolim & Colva – Betalbatim, increasing overall coverage to 28%
- Incorporating all measures to enhance traffic safety on entire road network in Goa, Newly declared NH on Bicholim, Valpoi, Sakhalim, Pollem (length 100 Kms), extending available 4 lane corridors on NH for a length of another 70 Kms.
- Construction of new PWD office complex buildings at Margao and Panaji

(6) Strategic Planning for implementing Goals

- Annual Plans for Medium and Long Term goals shall be prepared to ensure that the Vision projected is implementable and achievable.
- The on-going Water Supply schemes are planned for their completion by 2021, 2023, 2025, thereby enhancing water supply levels in the entire State and a step towards Non Revenue Water (NRW) reduction with emphasis on continuous, 24 x 7 water supply.
- The Sanitation in Goa is also planned to add more cities, towns and coastal belts to achieve targets envisaged in the Vision Document.
- National Highways has its own Annual Plan under the Ministry of Road Transport & Highways. The vision projected shall be lined up accordingly to achieve the targets. A Report on Road Safety has already been prepared engaging a Consultant. With the expansion of existing 4-lane NH and with construction of bypasses, most of the black spots and geometrical deficiencies will be eliminated and Road Safety Plan set by the Government of India will be achieved.

(7) Action Plan for accomplishing Vision by 2030

- As a road map for accomplishing Vision by 2030, an Action Plan has been formulated which shall serve as a distinct road map in achieving the set targets and upliftment of all the three Sectors of the Department and socio-economic development of the State as a whole and in turn achievement of the Sustainable Development Goals set by the Government of India.

Sector	Parameter	Existing 2020	Short Term Target 2021	Medium Term Target 2023	Long Term Target 2025	Target 2030
Water Supply	Water Production (MLD)	621.75 MLD	15 MLD	75 MLD	235 MLD	335 MLD
Sanitation	Sewage Coverage(%)	16%	20%	26%	28%	30%
National Highways	Length of expansion of 4 – lane NH (Kms)	42 Kms	112 Kms	182 Kms	252 Kms	293 Kms
	Total NH 293 Kms					
State Roads (SH, MDR, VRs)	Black spot/ Traffic safety (Nos)	31 Nos	21 Nos	Nil	Nil	Nil