

Water Supply & Sewerage

Water Supply

Current Gross Water Supply = 108 LPCD
New Project Formulated for 2023 with Design Supply of 135 LPCD
 a. Total 169 MLD (existing 99 MLD addition 70 MLD constructed now)
 b. 122 MLD WTP Capacity for North Nanded
 c. 47 MLD WTP Capacity for South Nanded
Planned 100% Water Treatment Facility for 2023
Coverage - 100% for piped water supply
 a. 37Km of Water transmission pipeline (23Km in North & 14km in South)
 b. 288km of Distribution pipeline (200km in North & 88km in South)
18Nos of ESR with additional Capacity 34.5ML. (Existing Capacity 18.35ML)
 a. 11Nos in North Nanded - 19.5ML
 b. 7 Nos in South Nanded - 15ML
 Approved Project Cost Rs. 140.32 Crore



Sewerage

Salient features
 a. 100% coverage: 256Km of sewage collection pipelines - 208km in North & 48km in south
 b. Sewage Pumping Stations - 3 in North & 1 in South
 c. 100% Sewage Treatment Facility - 87 MLD in North & 30 MLD in South
 Approved Project Cost Rs. 169.38 crore



Other Infrastructure Projects / Reforms

Storm Water Drainage

Works envisaged under JNNURM -
 a. Nalla training with lining and pitching - 37.83 Km
 b. Road side Drains - 125Kms
 c. Rain water harvesting with recharge pits and box holes
 d. Catch pit upstream of culvert



Solid Waste Management

1. Solid Waste generated 185MT per day
 2. NWCMC has prepared Project for -
 a. Collection & Transportation of Solid Waste.
 b. Scientific Treatment & disposal of waste including a composting and engineered sanitary landfill.
 c. 12.68 hecter land available
 3. Estimated Project Cost Rs. 34.47Crores.



Reforms & e-governance initiatives



e-tendering
 Birth & Death Registration
 AUTO-DCR for building permissions
 Complaint Redressal System



Inauguration of River Front Development by Hon'ble Smt. Sonia Gandhi (UPA Chairperson) also seen in the picture Shri. Ashokrao Chavan (Chief Minister, Govt. of Maharashtra)



Sub-Mission-1 : Urban Infrastructure and Governance
 Ministry of Urban Development
 Government of India

"Transforming Nanded into a vibrant regional economic hub, through Urban Renewal and Infrastructure Development"



Nanded Waghala City Municipal Corporation

Phone: 91-02462-234710 / 234577
 Fa : 91-02462-232071 ■ E-mail : info@nwmcnanded.org

Program Managers **IL&FS** | Urban



About Nanded City & City Development Plan

About Nanded

Nanded, second largest city in Marathwada region
 Total Municipal Area 61.74 sq.km
 No of Households 1.01 lakh
 Population 6.02 lakh
 Sex Ratio 916
 Population Density 97.50 pppha
 Literacy Rate 81.50%
 Male Literacy 89%



Development Goals

- Sustainable Economic development on basis of inherent strengths of the city through promotion of health, education, tourism and industrial sectors - focus on local employment opportunities.
- Planned city growth, conservation of core city area, its cultural heritage and revitalizing the river Godavari which is integral part of culture of the region
- Integrated infrastructure development with a focus on strengthening existing systems
- Access to housing and urban basic services to poor.
- ULB which is responsible to citizens needs.
- Improved Financial Management
- Slum free city



Infrastructure Investment Requirement

Sl.	Description	Cumulative - in Rs. Lakh, at 2006-07 prices				
		2006	2011	2016	2021	2026
1	Investment, Development & Construction	7,200.00	7,200.00	7,200.00	7,200.00	7,200.00
2	Overhead Development Project	5,600.00	5,600.00	5,600.00	5,600.00	5,600.00
3	Water Supply - New	6,391.75	17,000.15	19,630.03	26,771.83	34,411.60
4	Water Supply - System Rehabilitation	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00
5	Sewerage & Sanitation	21,200.00	33,467.00	35,843.00	40,533.00	51,503.00
6	Storm Water Drainage	4,200.00	6,072.00	6,072.00	10,764.50	14,432.11
7	Slum & Waste Management	1,500.00	2,444.49	2,444.49	3,541.11	4,138.24
8	Roads & Street Lighting - New	32,316.44	50,272.34	72,330.14	99,066.51	124,819.34
9	Public Amenities & Structures	30,000.00	30,000.00	30,000.00	30,000.00	30,000.00
10	Public Commercial Transportation Infrastructure	10,000.00	10,000.00	10,000.00	10,000.00	10,000.00
11	Fire Services	1,200.00	1,200.00	2,388.60	2,548.00	3,658.40
12	Slum & EWS Housing	41,664.00	41,664.00	51,713.20	62,520.00	73,606.40
13	Other Projects	8,411.74	19,111.00	17,131.44	14,254.30	17,286.00
	Total	172,893.43	268,131.00	294,346.44	309,288.41	364,895.92

Projects approved under JNNURM

Sl.	Project Description	Sector	Project Cost (in Cr.)
01.	Improvement in Movement Network in Nanded	Roads & Bridges	324.21
02.	Improvement in Water Supply in Nanded	Water Supply	140.32
03.	Improvement in Sewerage System in Nanded	Sewerage	160.38
04.	River Front Development	Heritage Development	43.13
05.	Urban Transport - City Buses	Urban Transport	7.60
06.	Storm Water Disposal & Management	Storm Water Drainage	45.73
	TOTAL		746.37

JNNURM Projects in Pipeline

- Solid Waste Management Rs. 35Cr
- Improvement to Movement Phase-II Rs. 12Cr
- Improvement to Movement Phase-III Rs. 43Cr
- Water Supply Augment, in Taroda Rs. 29Cr
- Sewerage System in Taroda Rs. 61Cr

River Front Development

Godavari River Front Development

OBJECTIVES

1 Environmental quality

Emphasis is on rejuvenating the river and its environs through

- Planned Sewerage system to prevent sullage outfall in river
- Treatment of natural drains or nullahs using bio-filtration methods

2 Sustainable Development

A renewed waterfront gives Public Access to the riverfront Promising return on capital Increased tourism & employment Recreation opportunities for city residents & visitors

3 Religious use

An actively used religious bank with Gurudwaras and temples needs to be the large influx of pilgrims b. Proper amenities for cremation activity, bathing & washing at banks



SALIENT FEATURES

Intense development in North bank, providing access for religious and recreational activities
 a. Promenade & submerged bathing platforms
 b. New Ghats
 c. Terrace Gardens, Pedestrian Plazas, Food Courts, etc.
 Sparse Ecological Development with limited access planned in the South Bank

Area Development in Public Realm



Road Infrastructure & Public Transportation

Improved to Movement Network

- 38 Roads comprising of widening & reconfiguration (Length 47.14 kms)
- Rail Over Bridge at Hingoli Gate
- River Bridge across river Godavari
- Total Project Cost Approved Rs. 334.21 crore

Road Design Principles

- Equal allocation of Road Space for all users with priority to pedestrian access, Safety and Environment
- Segregation of Slow & fast moving traffic by developing NMV.
- Proper placement of service utilities along road in multiutility zone.



Description	Rail over Bridge	Godavari over Bridge
Length (m)	522.50	570.00
Width (m)	17.50	19.20
Status	Completed	Comp. by Jan 2010
Project Cost (Rs. Crore)	38.00	55.64

Public Transport

- Total Buses Sanctioned :- 10 SLF and 20 Mini Buses
- Purchase Orders placed on 26-06-2009
- Two buses delivered on 15th Aug. 2009
- ULB has waved local taxes (Octroi)
- Bus Operation on PPP basis

