

# **CITY DEVELOPMENT PLAN**

**Garoth, District Mandsaur**

**Madhya Pradesh**

## **City Development Plan**

*2013*

Submitted To:



**Urban Administration & Development Department  
Government of Madhya Pradesh**

Project Coordination:



**City Managers' Association Madhya Pradesh  
(CMAMP)**

Submitted By:

**Urban Management Centre (UMC)**



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**कार्यालय नगर परिषद् गरोठ जिला मन्दसौर (म.प्र.)**  
**सत्य प्रतिलिपि**

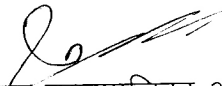
परिषद् सम्मेलन ठहराव क्रमांक ३८० दिनांक 07.09.2013

विषय :- सीटी डेव्हलपमेंट प्लान प्लान (सीडीपी) प्रस्ताव प्लान अनुमोदन बाबत।

प्रकरण प्रस्तुत हुवा, अवलोकन किया गया, नगर की सीडीपी योजना तैयार करने हेतु संचालनालय नगरीय प्रशासन एवं विकास विभाग भोपाल के द्वारा अर्बन मेनेजमेंट सेंटर अहमदाबाद को नियुक्त किया गया है। अर्बन मेनेजमेंट सेन्टर के द्वारा गरोठ नगर मे दिनांक 25.11.2011 को प्रथम कार्यशाला एवं दिनांक 21.01.2012 एवं 18.07.2012 को नगर परिषद् कार्यालय मे सभी विभागो के अधिकारी, पत्रकारो, जनप्रतिनिधियो, राजनीतिज्ञो आदि की उपस्थिति मे कार्यशालाओं का आयोजन किया गया । अंतिम कार्यशाला मे सीडीपी योजना मे सम्मिलित किये जाने वाले कार्यों की जानकारी दी गई। नगर परिषद् गरोठ सिटी डेव्हलपमेंट प्लान सी.डी.पी. की विस्तृत ययोजना तैयार की गई। जिसके अन्तर्गत वर्ष 2036 तक के आवश्यक कार्यों का आंकलन कर नगर की आबादी के आधार पर मांग अनुसार विभिन्न प्रकार के कार्यों को दर्शाते हुवे नगर की आवश्यकताओं की पूर्ति हेतु विस्तृत विवरण दिया गया है। उक्त विवरण की जानकारी परिषद् को दी गई ।

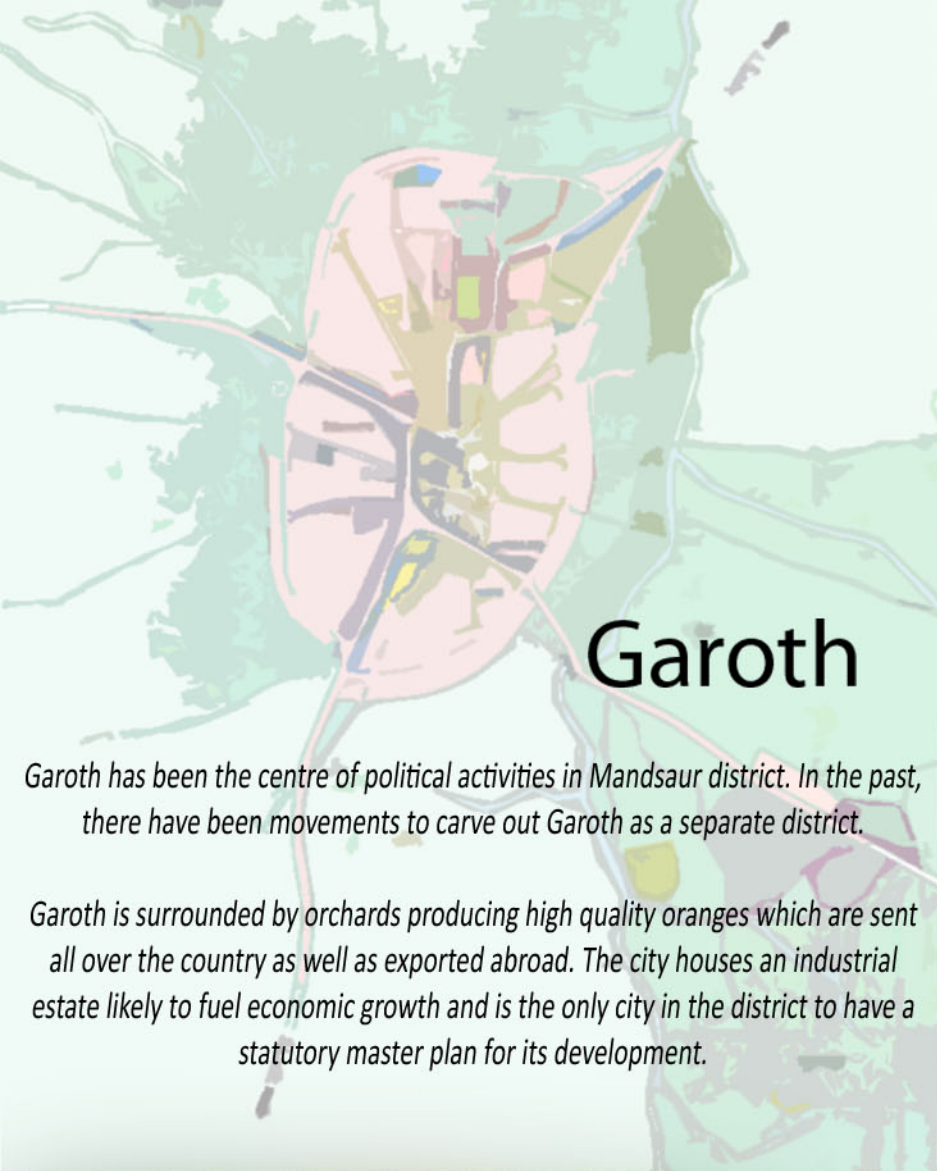
अतः उपरोक्तानुसार तैयार की गई सीटी डेवलोपमेंट प्लान (सी.डी.पी.) का नगर परिषद् गरोठ द्वारा अनुमोदन किया जाता है। आवश्यक कार्यवाही हेतु प्रकरण संचालनालय नगरीय प्रशासन एवं विकास को भेजा जावे।

सत्यप्रतिलिपि

  
मुख्य नगरपालिका अधिकारी  
नगर परिषद् गरोठ

हस्ता / -

अध्यक्ष  
नगर परिषद् गरोठ



# Garoth

*Garoth has been the centre of political activities in Mandsaur district. In the past, there have been movements to carve out Garoth as a separate district.*

*Garoth is surrounded by orchards producing high quality oranges which are sent all over the country as well as exported abroad. The city houses an industrial estate likely to fuel economic growth and is the only city in the district to have a statutory master plan for its development.*



# City Profile

<b>Company Name</b>		Urban Management Centre		
<b>ULB Name</b>		Garoth Nagar Parishad		
<b>Whether the Sectoral Analysis report is as per UADD requisites</b>		Yes		
<b>Town Brief</b>	<b>Geographical location (Town)</b>	<b>Latitude</b>	24 <sup>0</sup> 19	
		<b>Longitude</b>	75 <sup>0</sup> 39	
	<b>Average rainfall (annual)</b>	<b>MM</b>	734	
	<b>Height above mean sea level</b>	<b>Mts</b>	444.89	
	<b>Municipal area (1991)</b>	<b>Sq kms</b>		
	<b>Municipal area (2001)</b>	<b>Sq kms</b>	0.52	
	<b>Municipal area (2011)</b>	<b>Sq kms</b>	0.65	
	<b>Date of Constitution of ULB</b>	<b>Date</b>	1984	
	<b>Historic importance</b>	<b>In one or two sentences</b>	Garoth was a district before independence. Later on was constituted as a nagar parishad.	
<b>Population</b>	<b>Population Year 1981 (under Municipal boundary only)</b>	<b>Town level</b>	10,240	
	<b>Population Year 1991 (under Municipal boundary only)</b>		12,382	
	<b>Population Year 2001 (under Municipal boundary only)</b>		14,569	
	<b>Population Year 2011 (under Municipal boundary only)</b>		15,120	
	<b>Name of Population projection Method</b>		Geometric Progression Method	
	<b>Projected population adopted Year 2016</b>		22,453	
	<b>Projected population adopted Year 2026</b>		28,528	
	<b>Projected population adopted Year 2036</b>		36,245	
<b>Land Use</b>	<b>Land Use</b>	<b>% Standard (as per UDPFI)</b>	<b>Land use (Tentative in Sq kms )</b>	<b>Land use (Tentative in percentage)</b>
	Agriculture		0.0182	2.77
	Transportation		0.0864	13.12
	Waste Land		0.0122	1.85
	Water body		0.0096	1.45
	Vacant land		0.0424	6.44
	Commercial		0.0765	11.62
	Heritage		0.0039	0.6
	Public, Semi public & Utility		0.0638	9.69
	Recreational		0.0043	0.65
	Residential		0.3159	47.97
	Slum		0.0254	3.85
	<b>Total</b>		<b>0.6586</b>	<b>100</b>

## City Profile (Ward Wise)

Ward #	Ward 1	Ward 2	Ward 3	Ward 4	Ward 5	Ward 6	Ward 7	Ward 8	Ward 9	Ward 10	Ward 11	Ward 12	Ward 13	Ward 14	Ward 15	Total
<b>Name of ward</b>	<b>Jawahar</b>	<b>Dindayal</b>	<b>Dayanand</b>	<b>Gandhi</b>	<b>Malviya</b>	<b>Mukherji</b>	<b>Subhash</b>	<b>Porwal</b>	<b>Ambedkar</b>	<b>Rajiv Gandhi</b>	<b>Shastri</b>	<b>Redas</b>	<b>Pradhan</b>	<b>Ahilya</b>	<b>Laxmibai</b>	
<b>Ward Population (2011)</b>	768	954	1000	910	896	789	851	992	1,569	678	1,285	843	1,028	1,188	1,369	15,120
<b>Area (sq kms)</b>	0.087	0.016	0.026	0.063	0.044	0.044	0.025	0.038	0.066	0.025	0.062	0.02	0.021	0.056	0.057	0.650
<b>Density (PPSqkm)</b>	8827.59	59625	38461.54	14444.44	20363.64	17931.82	34040.00	26105.26	23772.73	27120.00	20725.81	42150.00	48952.38	21214.29	24017.54	23,262
<b>Male</b>	376	487	522	450	451	398	449	514	796	345	646	424	521	613	690	7,682
<b>Female</b>	392	467	478	460	445	391	402	478	773	333	639	419	507	575	677	7,436
<b>SC</b>	Release of Census 2011 data awaited															-
<b>ST</b>	Release of Census 2011 data awaited															-
<b>BPL</b>	45	87	50	32	100	64	60	75	241	181	259	239	136	117	77	1763
<b>Sex ratio</b>	1043	959	916	1022	987	982	895	930	971	965	989	988	973	938	981	968
<b>Literacy rate (%)</b>	73	69	70	73	68	79	86	84	44	77	54	66	72	76	76	70
<b>No. of Primary schools</b>	Ward wise Data is not available with ULB															9
<b>No. of Primary Health Centre</b>	Ward wise Data is not available with ULB															1
<b>No. of Households</b>	152	174	190	183	180	144	165	188	284	147	237	179	213	251	265	2,952
<b>Primary occupation (Majority)</b>	Agriculture	Agriculture	Commercial establishments	Commercial establishments	Agriculture	Commercial establishments	Agriculture	Agriculture	Commercial establishments	Commercial establishments	Commercial establishments	Agriculture	Agriculture	Agriculture	Agriculture	Agricultural activities
<b>Seconday occupation</b>	Commercial establishments	Commercial establishments	Agriculture	Agriculture	Commercial establishments	Agriculture	Commercial establishments	Commercial establishments	Agriculture	Agriculture	Agriculture	Commercial establishments	Commercial establishments	Commercial establishments	Commercial establishments	Cottage industries
<b>Tertiary occupation</b>	Cottage industry	Cottage industry	Cottage industry	Cottage industry	Cottage industry	Cottage industry	Cottage industry	Cottage industry	Cottage industry	Cottage industry	Cottage industry	Cottage industry	Cottage industry	Cottage industry	Cottage industry	Business & Trade
<b>No. of SS/LS industrial units</b>	Release of Census 2011 data awaited															737
<b>No. of Commercial establishments</b>	Release of Census 2011 data awaited															DNA
<b>No. of Slum pockets</b>	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1
<b>Slum population</b>	Release of Census 2011 data awaited for ward wise information															2,381
<b>No. of Slum Households</b>	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1
<b>No. of Individual water connections in the ward</b>	Release of Census 2011 data awaited for ward wise information															2,177
<b>No. of Community water connections</b>	Release of Census 2011 data awaited for ward wise information															42
<b>No. of Commercial water connections</b>	Release of Census 2011 data awaited for ward wise information															10
<b>No. of Tubewells</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>No. of Handpumps</b>	-	1	-	1	-	1	1	-	1	-	-	1	-	-	-	9
<b>No. of OHTs</b>	Outside municipal limits															1
<b>% Coverage of piped water supply</b>	Release of Census 2011 data awaited for ward wise information															42%
<b>No. of Individual Toilets</b>	Release of Census 2011 data awaited for ward wise information															1476
<b>No. of Individual Septic tanks</b>	Release of Census 2011 data awaited for ward wise information															665
<b>No. of Community Septic tanks</b>	Release of Census 2011 data awaited for ward wise information															-
<b>No. of Community toilets</b>	Release of Census 2011 data awaited for ward wise information															56
<b>% of population - Open defecation</b>	Release of Census 2011 data awaited for ward wise information															35%
<b>No. of Community bins</b>	Release of Census 2011 data awaited for ward wise information															4
<b>Wardwise Waste generated (Kgs)</b>	173	215	225	205	202	178	191	223	353	153	289	190	231	267	308	3,402
<b>Road sweeping (1 time or 2 times)</b>	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
<b>Total no. of sanitary workers in the ward</b>	Ward wise Data is not available with ULB															32 km
<b>Length of Pucca road (Mts)</b>	Primary Survey needs to be Conducted for Ward wise data															14.2 km

## City Profile (Ward Wise)

Ward #	Ward 1	Ward 2	Ward 3	Ward 4	Ward 5	Ward 6	Ward 7	Ward 8	Ward 9	Ward 10	Ward 11	Ward 12	Ward 13	Ward 14	Ward 15	Total
<b>Name of ward</b>	<b>Jawahar</b>	<b>Dindayal</b>	<b>Dayanand</b>	<b>Gandhi</b>	<b>Malviya</b>	<b>Mukherji</b>	<b>Subhash</b>	<b>Porwal</b>	<b>Ambedkar</b>	<b>Rajiv Gandhi</b>	<b>Shastri</b>	<b>Redas</b>	<b>Pradhan</b>	<b>Ahilya</b>	<b>Laxmibai</b>	
<b>Length of Kuccha road (Mts)</b>	Primary Survey needs to be Conducted for Ward wise data															11,200.0
<b>Length of State Highway (Kms.)</b>	Primary Survey needs to be Conducted for Ward wise data															1.36 km
<b>Length of National Highway</b>	National highway does not pass through the city															0
<b>Length of Road side drains Pucca (Mts)</b>	Primary Survey needs to be Conducted for Ward wise data															20 km
<b>Length of Natural drains (Nallah) Pucca/Channelized (Mts)</b>	No natural drain has been observed in the city															0
<b>Length of Natural drains (Nallah) Kuttcha (Mts)</b>	No natural drain has been observed in the city															0
<b>No. of Streetlights</b>	15	2	7	14	23	21	9	13	20	12	16	0	9	23	6	852
<b>No. of Electricity connections</b>	Data not available with the ULB															DNA
<b>Name of Tourist site if any</b>	Ward wise Data is not available with ULB															-
<b>Name of Heritage site if any</b>	Ward wise Data is not available with ULB															-
<b>Bus stop (No.)</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Bus stand(No.)</b>	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1
<b>Parks (No.)</b>	Ward wise Data is not available with ULB															1
<b>Playground(No.)</b>	Ward wise Data is not available with ULB															1
<b>No. of Residential properties</b>	153	150	186	179	180	206	175	242	121	141	227	176	217	229	250	2,832
<b>No. of Commercial properties</b>	Release of Census 2011 data awaited for ward wise information															400
<b>Total Property tax collection (in Rs.)</b>	Release of Census 2011 data awaited for ward wise information															75,793
<b>Property tax coverage(in %)</b>	Release of Census 2011 data awaited for ward wise information															-
<b>Available Government land (Sq kms)</b>	Release of Census 2011 data awaited for ward wise information															-
<b>Remarks</b>																0

# Sectoral Analysis

		Existing Source			
		Source	Tubewell	Well	River/Lake
Physical Infrastructure	Water Supply	No. of Tubewell / River / Well	0	2	2
		Water Supplied by Tubewell / River / Well in MLD	-	-	-
		Total water supply in the town (MLD)			0.32
		Existing Supply rate (LPCD) considering distribution losses			21
		Water Charges per household per month (Rs.) Flat/Metered			50
		% Coverage under paid water supply			-
		Whether any treatment plant exists (Y/N),If yes mention capacity (MLD)			1.25
		Proposed source (Surface)			Chambal River (Gandhisagar dam)
	Sewerage	Total sewage generation (MLD)			0.26
		Whether any treatment plant exists (Y/N),If yes mention capacity			No
		Total no. of individual septic tanks			665
		Total no. of community septic tanks			-
		Total no. of Sewage/Mud pumps available with the ULB			-
		Frequency of Cleaning Individual Septic tanks			-
	Drainage	Frequency of Cleaning Community Septic tanks			-
		Name of natural nallah (Storm water drain)			-
		Length of natural nallah (Storm water drain) Kms			-
		Ultimate disposal point of nallah			-
		Length of road side drain (Kms)			20
		Coverage of road side drainage w.r.t roads (%)			100
		Ultimate disposal point of Road side drains			At five different spots in the open land away from the city towards the natural eastern gradient
	SWM	Any treatment plant/procedure adopted			No
		Per capita Solid waste generation (Considering Standards) (in gms)			225
		Total SW generation (in Tons)			3.40
		Frequency of SW collection by the ULB (1 time per day/2 times per day)			1
		Collection efficiency of the ULB (%)			57
		Any initiative for DTDC (Yes /No)			No
		Any initiative for scientific disposal of waste			Yes
Name of dumping/ landfill site			New land acquired by ULB after approval from the government		
Is the existing site Dumping site or allotted site for Scientific disposal			Allotted site for scientific disposal		
Area of allotted landfill site for Scientific disposal			5 Ha.		
Distance of the Dumping site/landfill site from main settlement area (Kms)			2.2		
No. of Tractor trolleys/vehicles available with the ULB for carrying Solid waste to the LF site			2 Trolleys		
If site for Scientific disposal is not allotted then whether formally requested by the ULB			-		



# Sectoral Analysis

Physical Infrastructure	Roads	Name of National Highway passing from or nearby from the town (NH-XYZ)		-
		Distance of National Highway if nearby from the town (NH-XYZ) in Kms		-
		Name of State Highway passing from or nearby from the town (SH-XYZ)		SH 31 A passes through the town
		Distance of State Highway if nearby from the town (SH-XYZ) in Kms		0
		Total length of Pucca roads (Kms)	CC	-
			WBM	-
			Total (kms)	14.2
		Total length of Kuccha roads (kms)	(kms)	11.2
	Gap w.r.t Standards	(kms)	4.92	
	Traffic & transportation	Total no. of vehicles in the town		-
		Bus stand (yes/No)		Yes
		Any intracity mass transport mode (yes/no)	No	-
		Name of locations facing major traffic issues	1	Shahid Smarak Choraha
			2	-
			3	-
	Name of the street beautified as per the instructions of UADD	NA	-	
	Street lighting	Total no. of street lights		852
		No. of Streetlights under working condition		852
		No. of Streetlights having Tubes		-
		No. of Streetlights having CFL		-
		No. of Streetlights having Incandescent bulbs		-
		No. of Streetlights having LED		-
		No. of Streetlights having LPS		-
	Power	Location of Substation <a href="http://www.mptransco.nic.in">http://www.mptransco.nic.in</a>	400 KV	-
			220 KV	-
			132 KV	Outside the existing municipal limit (near the court)
		Total no. of residential connections		-
		Total no. of Commercial connections		-
		Any subsidy for BPL (Y/N)		-
		Duration of Electricity supply per day (in Hrs)		-

# Sectoral Analysis

<b>Heritage &amp; tourism</b>	<b>Heritage &amp; tourism</b>	<b>Name of Heritage site/s</b>		Old court building, govt. guest house
		<b>Ownership/agency</b>		Government owned
		<b>Prevailing Heritage Act/s</b>		AMASR Act, 2010
		<b>Name of Tourist site/s</b>		-
		<b>Ownership/agency</b>		-
	<b>Total no. of Pilgrims/ Tourists visiting town per day</b>		-	
<b>Environment</b>	<b>Name of River/Lake/Forest range/Any specific species</b>		Ansar River, Anjani River	
	<b>Prevailing Environmental Act/s</b>		Environment Protection Act, 1986	
	<b>Areas facing threats</b>		-	
<b>Social Infrastructure</b>	<b>Health</b>	<b>No. of Primary Health centres/Dispensary</b>		1
		<b>No. of Hospitals</b>	Government	1
			Beds	60
			Private	1
			Beds	20
	<b>Multispeciality hospital if any (Y/N)</b>		No	NA
	<b>Name of Nearby town referred for Treatment</b>		Name of town	Mandsaur/Kota
			Distance (Kms)	105/100
	<b>Education</b>	<b>No. of Primary schools</b>		9
		<b>No. of Secondary/High schools</b>		6
		<b>No. of Colleges</b>		1
		<b>No. of ITI</b>		0
	<b>Social security schemes</b>	<b>No. of Beneficiaries under SJSRY (Street Vendor)</b>		-
		<b>No. of Beneficiaries under Haath thela/Rickshaw chalak yojna</b>		-
		<b>No. of Rain Basera/Night Shelter</b>		-
<b>Ownership of Rain Basera (with ULB/Rental)</b>		-		
<b>No. of Beneficiaries under Gharelu Kamkaji Mahila Yojana</b>		-		
<b>Name of other Social security schemes</b>		Name of Scheme		Beneficiaries
		Deendayal antodaya		-
	Widow pension		-	



# Municipal Finance (Should be filled carefully and it should be checked whether the capital income is factual or based on assumption)

Year		2005-06	2006-07	2007-08	2008-09	2009-10	2010-11
<b>Revenue Income</b>	Rates and Tax Revenue						
	Assigned Revenues & Compensation						
	Rental Income from Municipal Properties						
	Fees & User Charges						
	Sale & Hire Charges						
	Revenue Grants, Contribution and Subsidies						
	Income from Investments						
	Interest Earned						
	Other Income						
<b>Total - Revenue Income</b>							
<b>Capital Receipts</b>	Grants, Contribution for specific purposes						
	Secured Loans						
	Unsecured Loans						
	Deposits						
	Deposit works						
<b>Total Capital Receipts</b>							
<b>Revenue Expenditure</b>	Establishment Expenses						
	Administrative Expenses						
	Operations & Maintenance						
	Interest & Finance Charges						
	Programme Expenses						
	Revenue Grants, Contribution and Subsidies						
	Miscellaneous Expenses						
	Transfer to Fund						
<b>Total - Revenue Expenditure</b>							
<b>Capital Expenditures</b>	Fixed Assets						
	Capital Work-in-Progress						
	Investments -General Fund						
	Investments-Other Funds						
	Stocks/Inventory						
	Loans, Advances and Deposits						
	Other Assets						
	Miscellaneous Expenditure						
<b>Total Capital Expenditure</b>							
<b>Total Income</b>							
<b>Total Expenditure</b>							

Note: Refer Madhya Pradesh Municipal Accounting Manual for further details. Can be downloaded from "Download" Section of [www.mpurban.gov.in](http://www.mpurban.gov.in).

## Reforms Action Plan

Reforms	Achieved (Y/N)	Timeline to achieve reforms till 2015				Any City specific Strategies adopted	Preliminary estimate (if any) for implementation	Implementing agency
		2012-13	2013-14	2014-15	2015-16			
Full migration of double accounting System	N	25%	50%	75%	100%	With rapid training and capacity building programmes throughout; taking assistance from Divisional Offices of UADD for improvements.	As per UADD's agenda for the same.	ULB
Property tax reforms, 85% coverage ratio and 90% collection ratio	N	75%	90%	100%	100%	Preparing data base for property tax collection on GIS; incentivising early payment of taxes; levying late fees; Setting up camps/ centres in various locations for tax collection	INR 5 lakhs	ULB
Levy of user charges : full recovery of O & M charges for sewerage, water supply and SWM	N	50%	60%	90%	100%	Water Supply - NRW/Water Audit study to help improve cost recovery; Sewerage - Minimal O&M expenditure for Decentralised Sewage Manangement, can be collected through decentralised system and integrated with single billing system with other ULB charges; SWM - same as sewerage.	Costs included in respective sectors.	ULB
Internal earmarking of basic services to urban poor	N	100%	100%	100%	100%	Immediate allocation of funds in annual budget for urban poor.	Nil	ULB
E-governance	N	25%	100%	100%	100%	Immediate setting up of helpline/ complaints phone number; Launching ULB's website enabling online payments for taxes and user charges; setting up civic centres in the city.	INR 200 lakhs	ULB
Provision of basic services to urban poor including security of tenure at affordable prices, improved housing, water supply, sanitation	N	100%	100%	100%	100%	Immediate provision of services to slum areas through in-situ upgradation.	Included in Urban Poor Sector	ULB

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## i. List of Abbreviations

BPL	Below Poverty Line
CC	Cement Concrete
CDP	City Development Plan
CFL	Compact Fluorescent Light
CI	Cast Iron
CIP	City Investment Plan
CIP	Capital Investment Plan
CMO	Chief Municipal Officer
CPHEEO	Central for Public Health, Engineering & Environment Organisation
DM&C	District Magistrate & Collector
DMP	Disaster Management Plan
DNA	Data Not available
DPC	District Planning Committee
DPR	Detailed Project Report
DWMS	Decentralised Waste Water Management Service
ESR	Elevated Storage Reservoir
EWS	Economically Weaker Section
FOB	Foot Over-Bridge
FOP	Financial Operating Plan
GDP	Gross Domestic Product
GIS	Geographical Information System
GoMP	Government of Madhya Pradesh
GSR	Ground Level Service Reservoir
GUDC	Gujarat Urban Development Company
ha	Hectares
IEC	Information, Education & Communication
IMC	Indore Municipal Corporation
INR	Indian National Rupees
ITI	Industrial Training Institute
JnNURM	Jawaharlal Nehru National Urban Renewal Mission
kg	Kilogram
km	Kilometre
LIG	Low Income Group
lpcd	Litres per capita per day
m	metre
Mcuft	Million cubic feet
MPEB	Madhya Pradesh Electricity Board
ML	Million Litres
MLD	Million Litres per Day
mm	Millimetres
MP	Madhya Pradesh
MPEB	Madhya Pradesh Electricity Board
MSW	Municipal Solid Waste
MT	Metric Tons
NA	Not Applicable

ND	Not Defined
NGO	Non Government Organisation
NH	National Highway
NRW	Non Revenue Water
NUHM	National Urban Health Mission
O&M	Operation & Maintenance
OD	Open Defecation
PA	Personal Assistant
PHED	Public Health & Engineering Department
PPP	Public Private Partnership
ROB	Road Over-Bridge
RTO	Regional Transport Office
SC	Scheduled Caste
ST	Scheduled Tribe
SH	State Highway
SLB	Service Level Benchmark
sqkm	Square Kilometre
sqm	Square Metre
STP	Sewage Treatment Plant
SWD	Storm Water Drain
SWM	Solid Waste Management
SWOT	Strength Weakness Opportunity Threat
TCB	Training & Capacity Building
TCPD	Town & Country Planning Department
ToR	Terms of Reference
TPD	Tons per day
UADD	Urban Administration & Development Department
UDPFI	Urban Development Plans Formulation & Implementation
UGD	Under Ground Drainage
UIDSSMT	Urban Infrastructure Development Scheme for Small & Medium Towns
ULB	Urban Local Body
UMC	Urban Management Centre
USD	United Stated Dollar
VMC	Vadodara Municipal Corporation
w	Watts
WTP	Water Treatment Plan

## ii. Preamble

The Urban Administration and Development Department (UADD), Government of Madhya Pradesh (GoMP) invited tenders for the preparation of the City Development Plans of 253 Nagar Parishads and 6 Nagar Palikas in Madhya Pradesh in September, 2011. The proposal of Urban Management Centre (UMC) was accepted by UADD and was then principally selected for the preparation of the City Development Plans of Garoth, Malhargarh, Narayangarh, Bhanpura, Sitamau, Shamgarh and Nagri Cities in Mandsaur District.

Subsequently, UMC conducted numerous site visits, meetings and conference calls between November 2011 and July 2013 for the purposes of data collection, field visits, interaction with ULB officials, citizens, focussed groups and stakeholder workshops. In addition to data collection, detailed site visits were conducted at the following locations to assess the status of municipal services:

- Existing water supply source, pumping stations, water treatment plant(s), reservoirs, location of valves, households/ neighbourhoods where municipal water is supplied.
- Waste collection points in residential, commercial, special (including meat, vegetable markets & mandis) areas; formal and informal open dumping sites in and around the city, including water bodies
- Natural water bodies including nalas, river, lakes, ponds, etc. to assess the environmental degradation caused due to lack of municipal services in the city.
- Public toilets, urinals and open defecation (OD) sites
- Areas facing problems such as congestion, encroachments, etc.
- Areas providing formal and informal public transport services to the city
- Home/ cottage industries in the city
- Special areas such as railway station, railway colonies, etc.
- Outgrowths of the city

Other site visits included areas such as the slums, residential areas, water bodies, municipal civic centre/ camps, retail and wholesale markets, health and educational institutions, etc.

The purpose of these detailed field visits was to establish a qualitative relationship between the statistical details provided by the ULB with the actual ground realities, which in many cases, were found to be negating each other. Based on the verification of collected data, UMC conducted studies to summarise the findings and prepare proposals to fill any gaps in the municipal services. These proposals were presented to all stakeholders through the 2nd Stakeholder Workshop conducted in January 2012. Based on the citizen's feedback, their vision for development of their city over the next 25 years, and their priorities, the proposals were then refined and a broad sector wise investment was estimated for the next 25 years.

This was followed by a Report on City Profile, Sector Analysis, City Vision and Priority Projects which presented

- a) Sector wise assessment of municipal services
- b) Stakeholder's vision for development of their cities over the next 25 years
- c) Stakeholder's priorities for development
- d) Proposals under this CDP for fulfilling the gaps in municipal services for the next 25 years
- e) A broad cost estimate for all the proposals

Post submission of the Stage 2 Report, State Level Meeting 01 was organised by UADD to review the progress of the CDPs. During the State Level Meeting, general as well as city specific comments were provided by UADD

UMC also conducted Stakeholder Workshop 03 at the city level during this stage presenting the proposed projects and investment requirements to the stakeholders present. Further suggestions received during the workshop have been incorporated in the CDP.

Simultaneous to the Stakeholder Workshop 03, 1st District Level Presentation was conducted with the District Collector and Magistrate of Mandsaur district on August 06, 2012 and feedback received during this presentation has been incorporated in the CDP.

To review the draft CDP State Level Meeting 02 was organised by UADD and the feedback was provided. Based on the suggestions received, UMC prepared the Final CDP. This CDP presents the entire scope of work including city profile, sector analysis, city vision, priority projects, capital investment plan, financial operating plan and implementation mechanism for the proposals made under this CDP.

iii. Disclaimer

The scope of this report is to present the results of our detailed analysis and understanding. Our conclusions are based upon information drawn from research of the relevant region, data collected from the Urban Local Body (ULB), discussions with the respective ULB and our sector knowledge. No representation or warranty, express or implied, is given by Urban Management Centre (UMC) or any of its respective partners, officers, employees, or agents as to the accuracy or completeness of the information, data or opinions provided to UMC by third parties.

In the course of our assignment, we were provided with both written and verbal information between November 2011 and July 2013. Nothing has come to our attention to cause us to believe that the facts and the data provided by the ULBs are not true or not correct. However, no responsibility is assumed for the authenticity of the information furnished by the ULB. It is believed to be reliable and has not been independently verified by UMC.

We have neither carried out an audit or due diligence of the city nor a viability assessment of the assets of the ULB. No investigation of the title of the tangible and intangible assets has been made and the ULB's claim to the assets has been assumed to be valid. No consideration has been given to liens or encumbrances, which exist against the assets. Therefore, matters of a legal nature relating to the title of the assets have not been considered.

In case this document is to be made available or disclosed to any third party, this disclaimer along with all the limiting factors must be issued to the concerned party. The fact that UMC assumes no liability whatsoever, if for the reason any party is led to any loss for acting upon this document, must also be brought to the notice of the concerned party.



## iv. Executive Summary

### 1. Background

In order to encourage systematic and planned development of small and medium cities and towns, Government of Madhya Pradesh (GoMP) has initiated the preparation of City Development Plan (CDP). The CDP presents both a vision of a desired future for the city and the urban local body's (ULB) organization, as well as mission statements on how the ULB, together with other stakeholders, intends to work towards achieving this long-term vision in the next five years. In the current scenario, CDP is not only a prerequisite for accessing Central and State funds, but also plays a key role in developing a strategic framework to translate vision into actions and actions into outcomes.

The Urban Administration and Development Department (UADD), Government of Madhya Pradesh (GoMP) invited tenders for the preparation of the City Development Plans of 253 Nagar Parishads and 6 Nagar Palikas in Madhya Pradesh in September, 2011. The proposal of Urban Management Centre (UMC) was accepted by UADD and was then principally selected for the preparation of the City Development Plans of Garoth, Malhargarh, Narayangarh, Bhanpura, Sitamau, Shamgarh and Nagri Cities in Mandsaur District.

The following sections illustrate the summary of CDP.

- Section 1 : illustrates the profile of Garoth city
- Section 2 : describes SWOT analysis and stakeholder vision for Garoth
- Section 3 : provides sector prioritisation
- Section 4 : gives an overview of infrastructure services
- Section 5 : identifies projects and investment needs along with phasing

### 2. Garoth City Profile

Garoth is a Tehsil Headquarter of Mandsaur District; situated 105 km from the district headquarter Mandsaur. Garoth Nagar Parishad was established in the year 1914 and in 1998 Garoth Nagar Parishad was constituted. The city owes its economic progress to various agricultural produces like soya bean, *Rayda*, garlic, *Posta*, wheat, etc. It is one of the major towns of the district having a degree college, Girls Higher Secondary School, hospital, block office, tehsil and court, veterinary hospital, post office, a city bus stand and a railway station.



In 1960, Gandhi Sagar Dam was built over the River Chambal, which generates 115 Megawatt of electricity. This dam is at a distance of 45 km from Garoth.



The overall topography of Garoth town is plain. However, the natural gradient of the region is towards North-east direction. The average annual rainfall in Garoth is 961 mm (District Statistical Office, 2010).

The population of Garoth is 15,120 as per the provisional figures of Census 2011 while it was 14,569 as per Census 2001. The Literacy rate of Garoth is 73 percent slightly higher than the state average of 70.63 percent. The percentage of total workers of the town is 37 percent while the non-workers are highest at 63 percent. Percentage of marginal workers is 5 percent as reported by the Census of India.

A large area around Garoth comprises of forests which pose a potential of timber industry and production of forest products. At present, the region has abundant orchards growing oranges. There are few saw mills on the Khadavda Road. Garoth has a 'D' class *mandi* and supports trade of agricultural produce of the district.



Garoth has 48 percent of the area under residential use, while 13 percent is under transportation. Area under transportation is high as a large parcel of land is occupied by a bus terminal in the centre of the city. However, a large portion of the land belonging to bus terminal is undeveloped.

### 3. Stakeholder Vision and SWOT Analysis

In order to get a comprehensive overview of the existing situation and suggest well-rounded and pragmatic solutions it is important to avail participation from all the relevant stakeholders. The same was envisaged for the preparation of CDP and hence, consultations were made an important part of the methodology and planned at all the critical stages.

#### Stakeholder Vision for Development of Garoth

Based on the vision statements provided by stakeholders, the vision for the development of Garoth has been summarised as below:

**To rebuild and pave path for the development of Garoth's agriculture, construction, trade and administrative centre.**

### SWOT Analysis

Sectoral SWOT analysis was carried out for Garoth to better assess the position of the city with respect to future growth and development

#### Strength

The city is located in the heart of agriculturally rich area of the district and trade a large volume of agricultural produce, it has a potential of attracting industries in the city

#### Weakness

Current Krishi Upaj Mandi of the city has an inadequate area due to which the selling and buying of agricultural product becomes difficult, in the city, Groceries, Mandi, vegetable market, saw mills, etc. are located haphazardly and without any planning that creates chaos for other neighbouring activities.

#### Opportunity

Development Plan 2021 for Garoth has been prepared and implementation of the same would resolve several issues besides the city has immense potential to become a major trading hub for agro trade apart from this good Road & Railway connectivity is available with the city and the same could be enhanced if there is a dedicated stop in the railways plying on the Delhi-Mumbai route.

#### Threat

Environmental degradation due to high pollution by disposal of untreated sewage and solid waste in natural systems can pose a threat of contamination of ground water. Along with this the area is vulnerable to poor law and order situation due to opium farming in the region.

### 4. Sector Priority

The sector priorities have been computed by weighing each sector for CDP in Garoth as follows:

<b>High Priority</b>	Solid Waste Management
	Sanitation
	Parks, Open Spaces & Water Bodies
	Slums & Urban Poor
<b>Medium Priority</b>	Public Spaces/Amenities
	Water supply
	Education
	Roads
	Transportation & Mobility
<b>Low Priority</b>	Street Lighting
	Health
	Waste Water
	Storm Water Drainage
	Heritage & Tourism

## 5. Status of Infrastructure Services

### Water Supply

The city sources water from various sources including Parasali Dam on Anjani River and Intake wells on Ansar River, Kundansagar Talab and near Boliya talab, in and around the city. The city draws 0.32MLD from these sources and it has a treatment capacity of 1.25MLD which is highly inadequate. City has one ESR of 0.36 ML storage capacity which is highly insufficient.

Total number of residential properties in Garoth is 2,832 while 2,229 properties have water connections out of which 2,177 connections are for residential use. The city has provided 10 commercial connections and 7 connections to community and religious structures. There are 35 public stand-posts across the city.

Although, no study has been conducted, NRW has been estimated at 38 percent using thumb rule calculations based on pipe sizes and duration of water supply. While, due to poor accounting practices, cost recovery in water supply is not known, the collection efficiency of water supply related charges has been measured to be 90 percent.

The city has a Water Augmentation Scheme under approval process to augment the supply by an additional 2.8 MLD, which would be drawn from the Gandhi Sagar Dam. Despite this scheme, additional infrastructure would be required to meet the service level benchmarks (SLB) and has been proposed under this CDP.

### Waste Water Management

Garoth does not have an underground sewer network for collection of waste water. The toilets in the city either dispose waste in open or closed storm water drains in the city. An estimated 50 percent of households have individual toilets in Garoth. The city generates around 0.26 MLD of waste water daily. There is no mechanized facility (municipal or private) available in the city to clean septic tanks or for fecal sludge management.

It has been observed that some of the toilets dispose waste water directly into natural drains, low lying areas and agricultural fields. In addition to open disposal, wastewater is also auctioned to farmers for agricultural use. At present, there is no scheme to provide waste water collection and/or treatment facilities in the city.

Decentralised Waste Management System (DWMS) has been proposed in the city as an alternative technology for waste water management.

### Sanitation

Garoth Nagar Parishad has provided 56 seats of public convenience in the city. Out of them 48 toilet seats are in 8 blocks of community toilets and 8 toilet seats in two blocks of pay & use toilet. However, most of the blocks other than the Pay & Use are in a very poor state encouraging the practice of open defecation. The status of sanitation is further exacerbated due to no septic tanks or soaks pits for safe treatment and disposal from the public toilets. This CDP proposed to provide individual toilets to all households and augment public toilets, especially at public places.

### **Storm Water Drainage**

The city has 20km of storm water drains. At present, waste water is also being drained into the minor rivers *Rewa* and *Kanthali* and finally into the river *Chambal*, hence polluting the environment. This creates health hazards and during morning hours produces bad odour. The storm water thus contaminated and discharged without any treatment causes degradation of the local environment.

This CDP proposes to fulfil the gaps in storm water drains, desilting of natural drains and eliminating any spots prone to water-logging.

### **Solid Waste Management**

Garoth city generates an estimated 4.3 MT of solid waste. However, only 1.94 MT is collected daily from 4 secondary collection bins, unknown number of nuisance spots and through street sweeping done by 33 sweepers on daily wages. The remaining waste finds its way to open spaces, along roads and water bodies. No door to door collection is undertaken in the city. The waste is transported to open dump site through tractor-trolleys and is disposed untreated.

This CDP proposes to provide infrastructure and technical support for improvement of MSW services in the city including door to door collection, transportation, treatment and disposal as per the norms.

### **Roads and Transportation**

Garoth has both cement concrete roads and tar surfaced roads, and needs more pucca roads to be built for better connectivity within the city, some parts of the city have *kutchha* roads that connect various parts of the city which can be upgraded to pucca road according to the importance of the road in the city.

The major district road passing through the city is of 15 m width, the major district road passing through the city is of 15 m width but due to encroachments effective width of the road is decreased and usability is hindered.

The city is connected to Mandsaur, Neemuch, Bhanpura and Rajasthan through state highway SH-31A. Private buses, jeeps, autos, *jugaad* vehicles are the only means of intercity transport. There is no option of State road transport service in the city. Railway line connects Garoth with Kota, Delhi, Ujjain, Bhopal, Indore and Ratlam.

DP 2021 mentions the need of re-locating the current vegetable market location from the Shaheed Smarak Chowk to any other suitable location and transforming the current location of market into a central parking zone for the city.

Safe pedestrian crossings (zebra crossings) are not available in the city and most of the roads do not have pedestrian walkways. These improvements have been taken up under this CDP.

### **Street Lighting**

There are around 852 street lights in the city. The current number of street lights in Garoth was available from the General Information record of the ULB, 2011, ULB has prepared GIS based map

for locations of street light but is unable to access the database in the absence of appropriate software(s) and trained staff to use the database.

The street lights are switched on and switch off manually and no timer device has been installed for street light operation. Madhya Pradesh Electricity Board (MPEB) undertakes repairs and replacement as no technically qualified staff is available with the ULB.

The city needs additional street lights for additional roads alongwith energy saving initiatives like automatic timer devices and energy efficient lights like LED and Solar lamps. These improvements have been taken up under this CDP.

### **Public Amenities, Open Spaces and Water Bodies**

Garoth has around 5 percent of land under public amenities, 1.4 percent under water bodies and another 8 percent is under green areas summing upto a total of around 15 percent for public use. The city has a garden, a playground, a lake (with a park proposed around it) as the only public spaces. The city has 1 graveyard and 1 crematorium and 1 *Manglik Bhavan* (community hall) which is currently being used as a boys' hostel.

The city needs additional public amenities and public spaces such as library, night shelters, sports complex, parks, exhibition ground and appropriately developed water bodies. These improvements have been taken up under this CDP.

### **Health and Educational Facility**

The city houses a State Government hospital, PHC and Nursing home and 7 dispensaries. The Government hospital has current capacity of 80 beds while sanctioned number of beds is 100. Twenty bedded Qureshi Hospital is the only private hospital in the city. Statistically, the facilities are sufficient but the qualitative aspect of these facilities needs to be assessed.

Similarly, Garoth has adequate number of educational facilities. During various interactions with ULB staff, elected members and citizens, it was commonly expressed that despite adequate quantity of infrastructure there is no facility for the physically challenged, the services offered in education need significant improvements.

### **Services for Urban Poor**

There are around 1763 households below the poverty line. There are slum settlements in Garoth on the outer areas as well. Slums are situated on both sides of Boliya Talab Road and near Khadavda Road. The extent of services in the slums is not known. However, as per the ULB water connections (individual and public stand posts) in all the settlements have been provided and charges are collected for the same.

There are very few individual toilets in these areas, and most of the slum population has to resort to using public toilets or open defecation. Most of the existing public toilets are not maintained and are in a poor state.

A report under the Integrated Housing & Slum Development Project has been prepared in the past for Garoth.

Two hundred and eighty dwelling units have been proposed under IHSDP. For the remaining households not covered under IHSDP, it is proposed under this CDP to provide in-situ up gradation.

### Emergency Services

Garoth Nagar Parishad owns 1 fire engine (Heavy Vehicle category) for emergency services with 1 driver deputed for the engine. There is no provision of a fire station in the city. Apart from the fire engine, there are no equipments, gear or trained staff to handle any emergency situations.

Although a Disaster Management Plan has been prepared at the district level for mitigation of such risks, the city is not aware about it and the city does not have a plan of its own. Improvements such as purchase of smaller fire engine, construction of a fully equipped fire station have been proposed under this CDP

### Administrative and Other Projects

The city also needs to initiate E-Governance and computerisation, database creation, asset management plan and training & capacity building of its administrative staff in order to provide efficient municipal services to the city. Such improvements have been taken up under this CDP.

## 6. Proposed Projects and Investment Needs

Investment needs of every sector are divided into two categories – infrastructure projects; and studies & programmes. While infrastructure projects include implementation costs of projects on ground, the studies & programmes include preparation of studies, reports, conducting IEC campaigns, training programmes, etc.

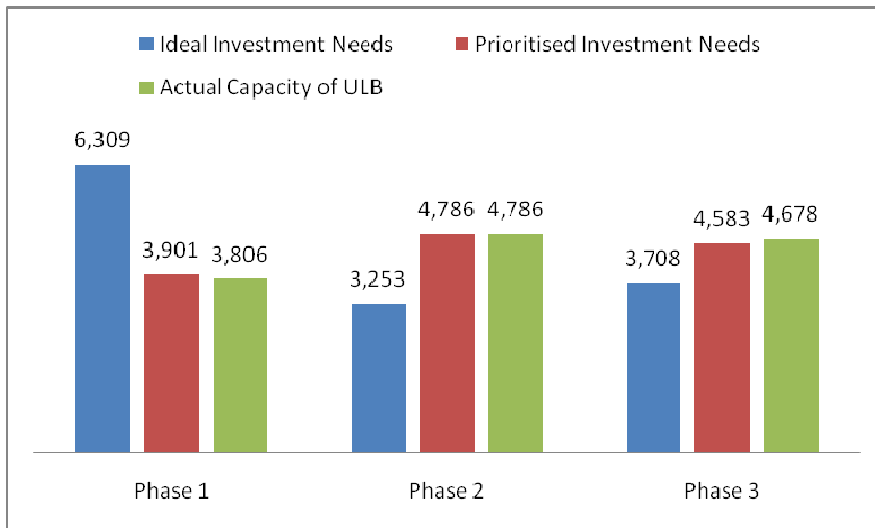
The total infrastructure investment anticipated for Garoth is INR 10,647 lakh while INR 2,622 is anticipated for studies and programs making the total investment need for the city to be INR 13,269. A sector wise breakup is provided below:

Sector	Infrastructure Projects	Studies & Programmes	Total
<b>Category A: Municipal Investments</b>			
Water Supply	1,369.3	332.0	1,701.3
Waste Water	1,089.0	280.0	1,369.0
Urban Roads, Traffic & Transportation	3,093.0	370.0	3,463.0
Storm Water Drains	619.4	280.0	899.4
Street Lighting	508.5	185.0	693.5
Solid Waste Management	325.9	280.0	605.9
Sanitation	2,084.8	280.0	2,364.8
Urban Poor & Slums' Improvement	-	80.0	80.0
Open Spaces & Water Bodies	355.0	125.0	480.0
Administrative Studies (incl. Training & Capacity Building)	250.0	130.0	380.0
Emergency Services	58.0	155.0	213.0
Public Amenities & Other Projects	625.0	-	625.0
<b>Total Requirement (A)</b>	<b>10,377.9</b>	<b>2,497.0</b>	<b>12,874.9</b>

<b>Category B: Non-municipal Investments</b>			
Heritage & Tourism	-	-	-
Education facilities	250.0	62.5	312.5
Health facilities	20.0	62.5	82.5
<b>Phase wise Total Requirement (B)</b>	<b>270.0</b>	<b>125.0</b>	<b>395.0</b>
<b>TOTAL INVESTMENT (A+B)</b>	<b>10,647.9</b>	<b>2,622.0</b>	<b>13,269.9</b>

The financial capacity of Garoth Nagar Parishad is limited and in order to undertake large investments (in this case up to INR 133 crore in the next 25 years), phasing of the above investments would have to be scheduled.

A comparison between ideal investment requirements, investments needs based on citizen priorities and investment needs based on actual capacity of the ULB have been shown below:



Based on the financial capacity of the ULB, the final proposed phasing of investments has been done on the basis of following ratios:

Priority	Phase 1	Phase 2	Phase 3
Essential	100%	100%	100%
High Priority	100%	100%	100%
Medium Priority	50%	100% + 50% of Phase 1	100%
Low Priority	50%	50%	100% + 50% of Phase 1 + 50% of Phase 2



The resultant final proposed phasing is as follows:

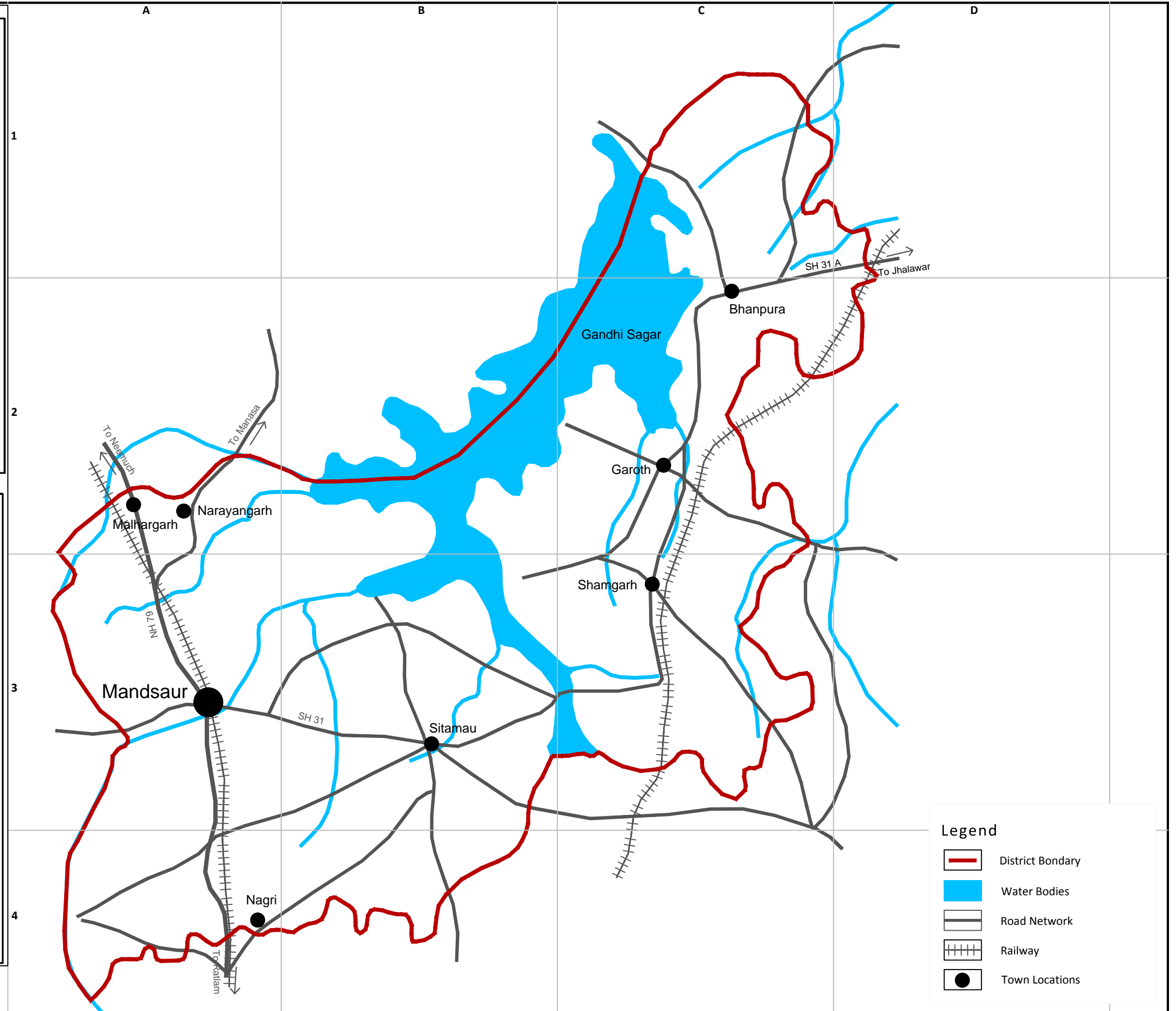
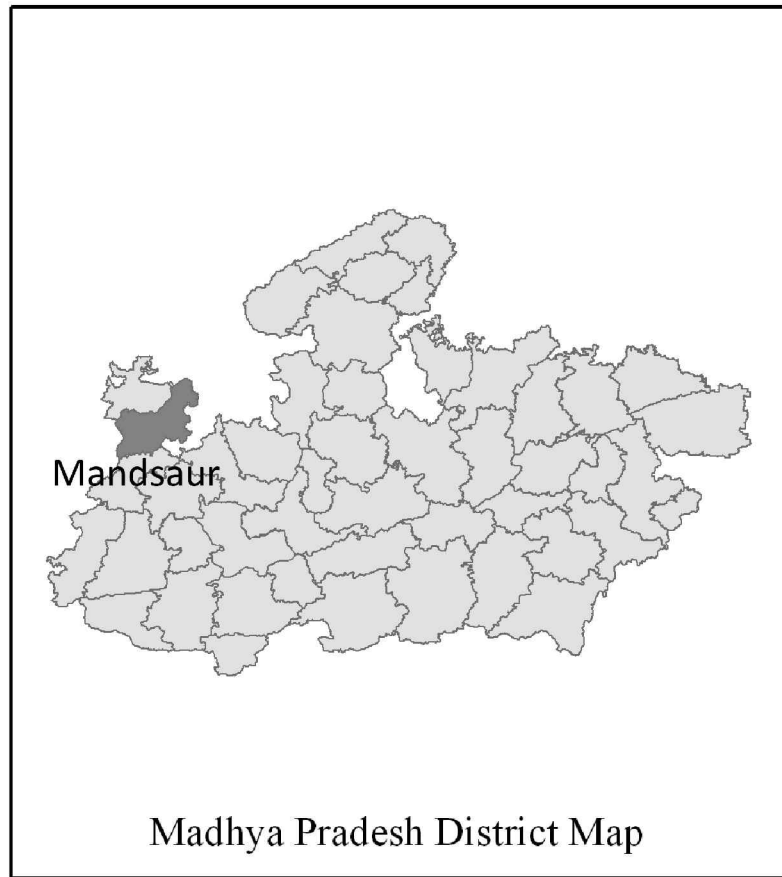
Priority	Sector	Phase 1	Phase 2	Phase 3	Total
<b>Essential</b>	Administrative Projects, Training & Studies	280.0	50.0	50.0	<b>380.0</b>
	Emergency Services	113.0	50.0	50.0	<b>213.0</b>
<b>High Priority</b>	Solid Waste Management	239.8	181.9	184.2	<b>605.9</b>
	Sanitation	600.0	762.9	1,001.9	<b>2,364.8</b>
	Open Spaces & Water Bodies	240.0	120.0	120.0	<b>480.0</b>
	Urban Poor/ Slums' Improvement	20.0	30.0	30.0	<b>80.0</b>
<b>Medium Priority</b>	Public Amenities & Other Projects	197.5	307.5	120.0	<b>625.0</b>
	Water Supply	511.5	823.3	366.5	<b>1,701.3</b>
	Education facilities	38.8	203.8	70.0	<b>312.5</b>
	Urban Roads, Traffic & Transportation	912.5	1,693.9	856.6	<b>3,463.0</b>
	Street Lighting	114.8	320.2	258.5	<b>693.5</b>
<b>Low Priority</b>	Health facilities	11.3	17.5	53.8	<b>82.5</b>
	Waste Water	402.4	129.4	837.2	<b>1,369.0</b>
	Storm Water Drains	219.4	95.6	584.4	<b>899.4</b>
	Heritage & Tourism	-	-	-	<b>-</b>
<b>TOTAL INVESTMENT (A+B)</b>		<b>3,900.9</b>	<b>4,785.9</b>	<b>4,583.0</b>	<b>13,269.9</b>

Under the ideal scenario, the investment requirements for Phase 1 considering sector prioritization are INR 3,900 lakh which is close to the capacity of the Nagar Parishad. Hence, the prioritised investment based on the stakeholders' priorities is feasible and is recommended for implementing the projects proposed under this CDP.

Based on the above investment, the financial operations of the ULB for Phase 1 have been shown below:

Revenue	CAGR	2011-12	2012-13	2013-14	2014-15	2015-16
Receipt	13.37%	202.88	230.00	260.75	295.62	335.14
Expenditure	18.83%	159.31	189.31	224.96	267.32	317.66
<b>Status</b>		<b>43.56</b>	<b>40.69</b>	<b>35.79</b>	<b>28.29</b>	<b>17.48</b>
Operating ratio		<b>0.79</b>	<b>0.82</b>	<b>0.86</b>	<b>0.90</b>	<b>0.95</b>
<b>Capital</b>						
Source	24.92%	40.46	50.54	63.14	78.87	98.53
Uses	25.53%	29.61	37.18	46.67	58.58	73.54
Status		10.85	13.37	16.47	20.29	24.99
Capital Utilisation ratio		<b>0.73</b>	<b>0.74</b>	<b>0.74</b>	<b>0.74</b>	<b>0.75</b>
Opening Balance		<b>58.48</b>	<b>112.89</b>	<b>166.94</b>	<b>219.21</b>	<b>267.79</b>
Total inflow		<b>243.34</b>	<b>280.54</b>	<b>323.89</b>	<b>374.49</b>	<b>433.67</b>
Total Outflow		<b>188.93</b>	<b>226.49</b>	<b>271.63</b>	<b>325.90</b>	<b>391.19</b>
<b>Net surplus / Deficit</b>		<b>112.89</b>	<b>166.94</b>	<b>219.21</b>	<b>267.79</b>	<b>310.27</b>

The projects proposed under this CDP and the resultant investment needed are based on 2012 rates and shall be revised periodically as and when needed.



**Legend**

- District Bondary
- Water Bodies
- Road Network
- Railway
- Town Locations

**City Development Plan**  
Mandsaur District, Madhya Pradesh

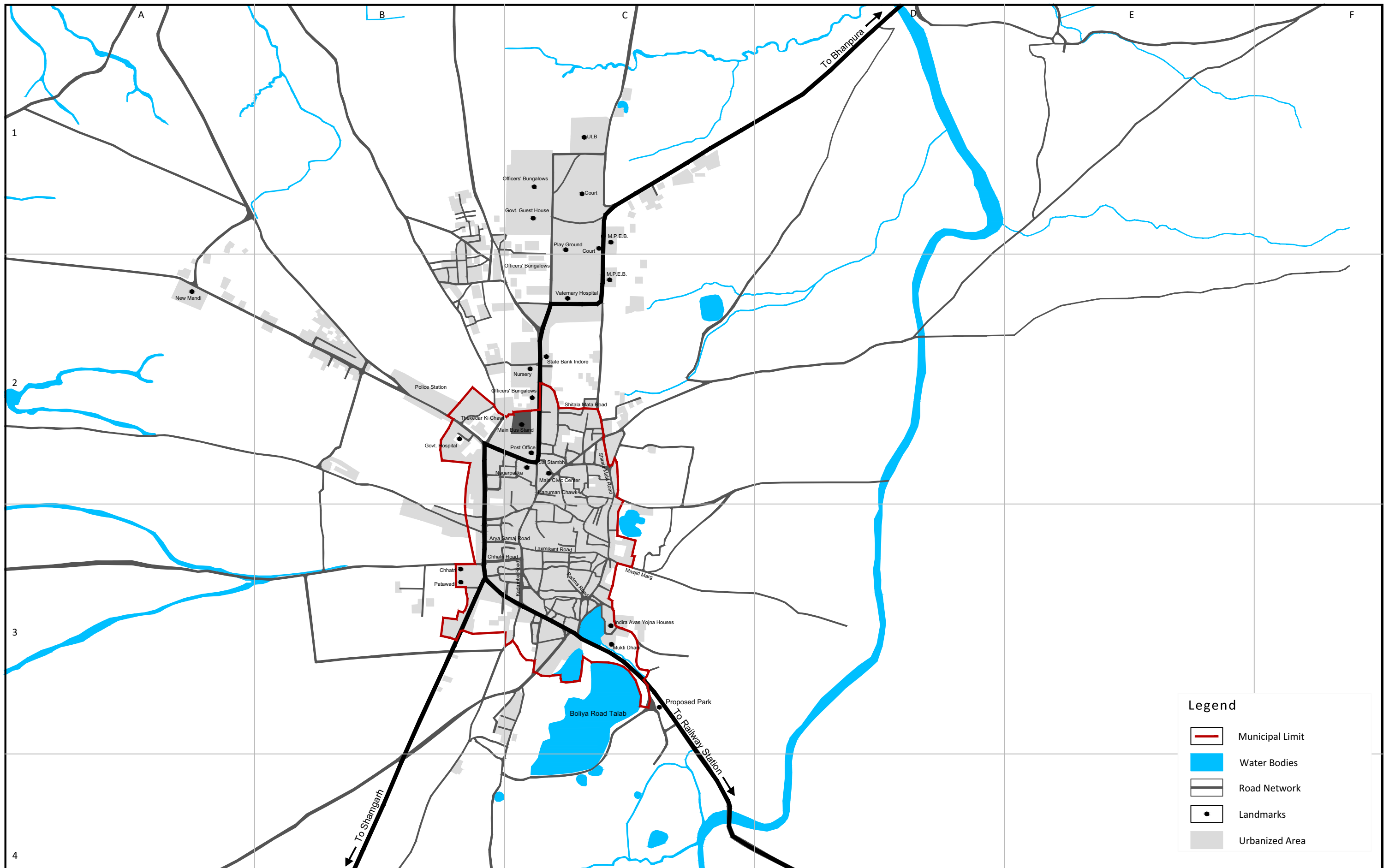
**Location Map**  
NOT TO SCALE

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Urban Management Centre

Submitted to  
Urban Administration & Development Department  
Madhya Pradesh


Project Co-ordination  
City Managers' Association  
Madhya Pradesh







**City Development Plan**  
**Garoth, Mandsaur District,**  
**Madhya Pradesh**


**Base Map**

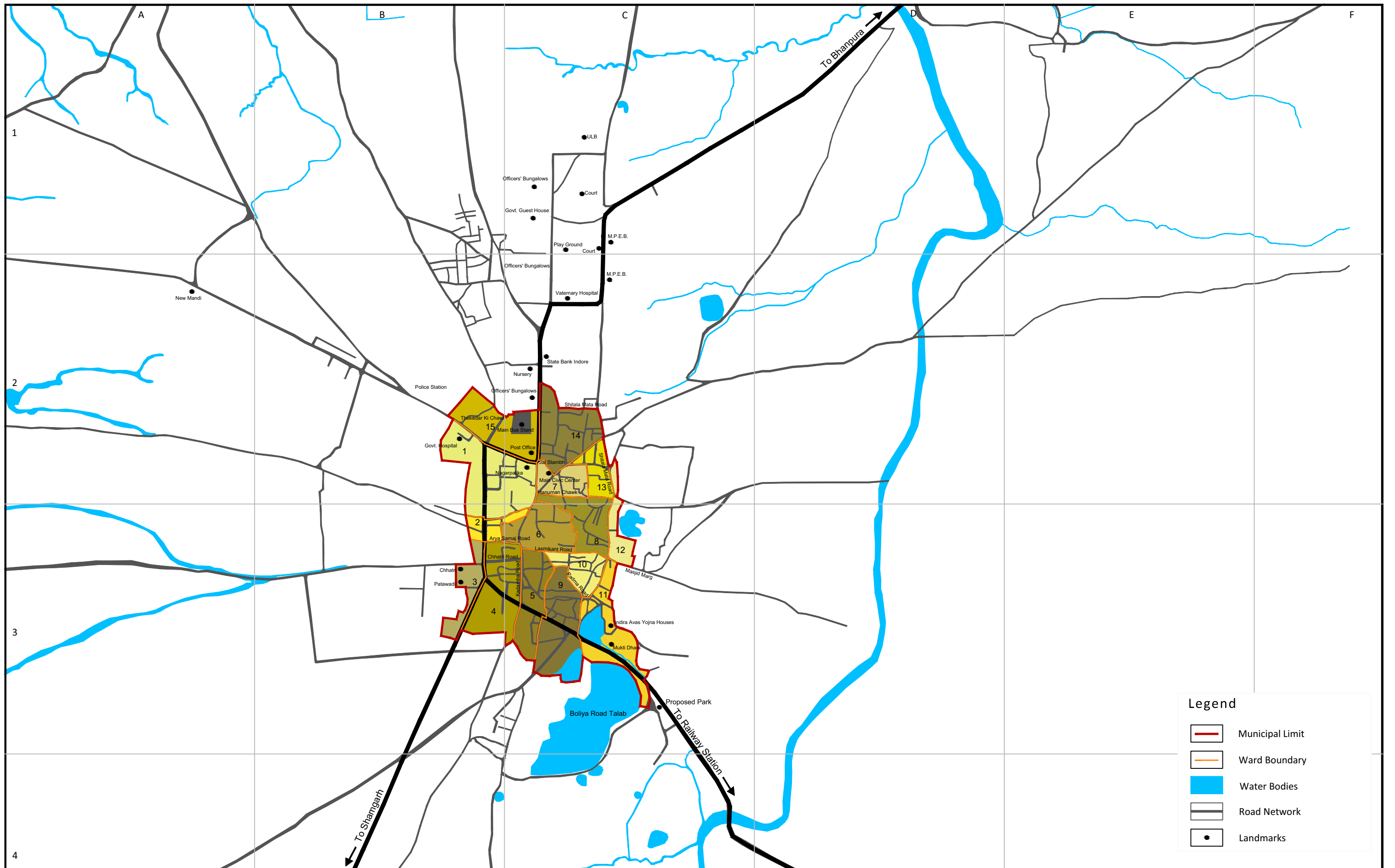
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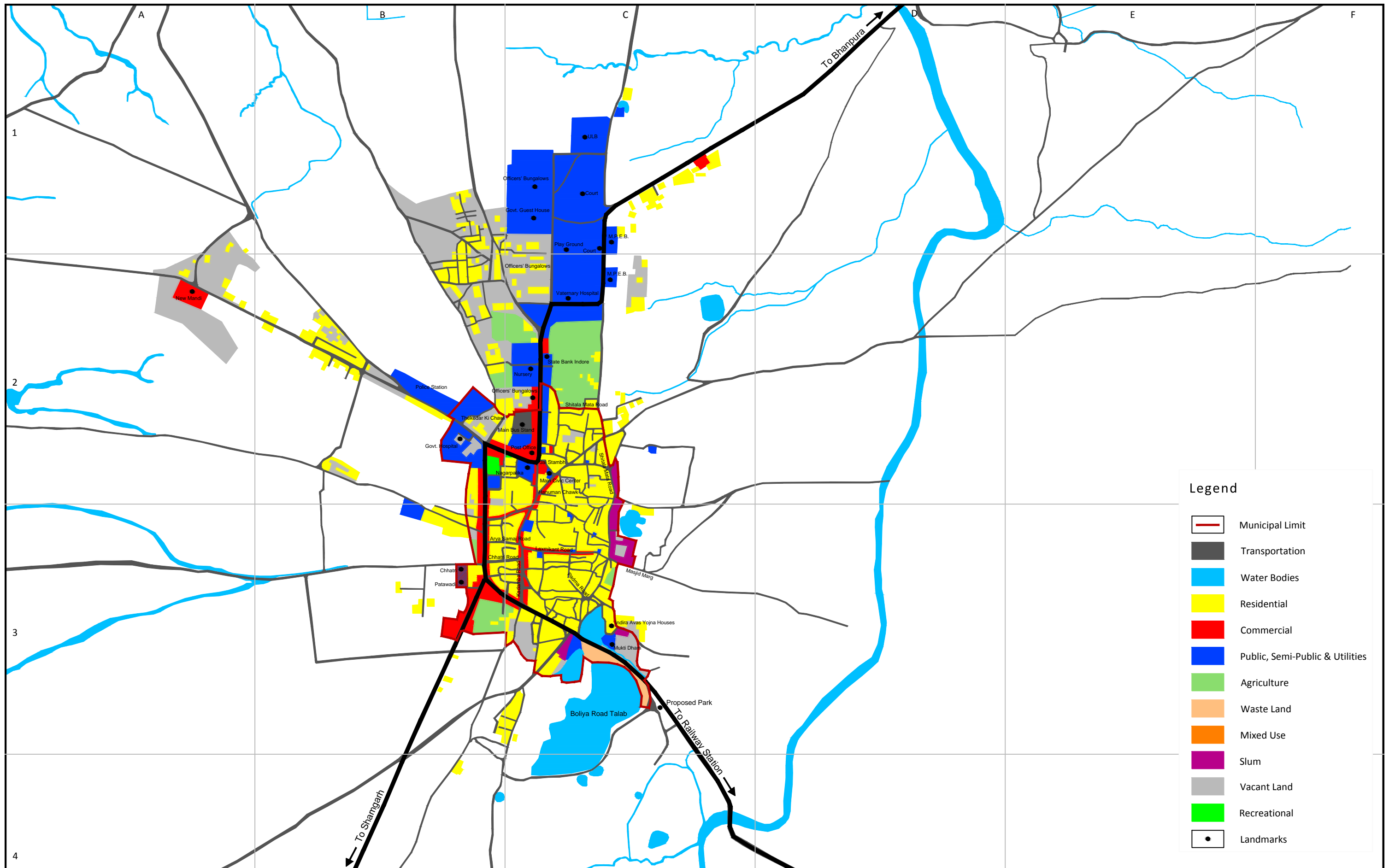
**City Development Plan**  
**Garoth, Mandsaur District,**  
**Madhya Pradesh**

**Ward Map**  
 Submitted by  
**Urban Management Centre**  
  
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**Legend**


-  Municipal Limit
-  Transportation
-  Water Bodies
-  Residential
-  Commercial
-  Public, Semi-Public & Utilities
-  Agriculture
-  Waste Land
-  Mixed Use
-  Slum
-  Vacant Land
-  Recreational
-  Landmarks


**City Development Plan**  
**Garoth, Mandsaur District,**  
**Madhya Pradesh**

**Existing Land Use Map**

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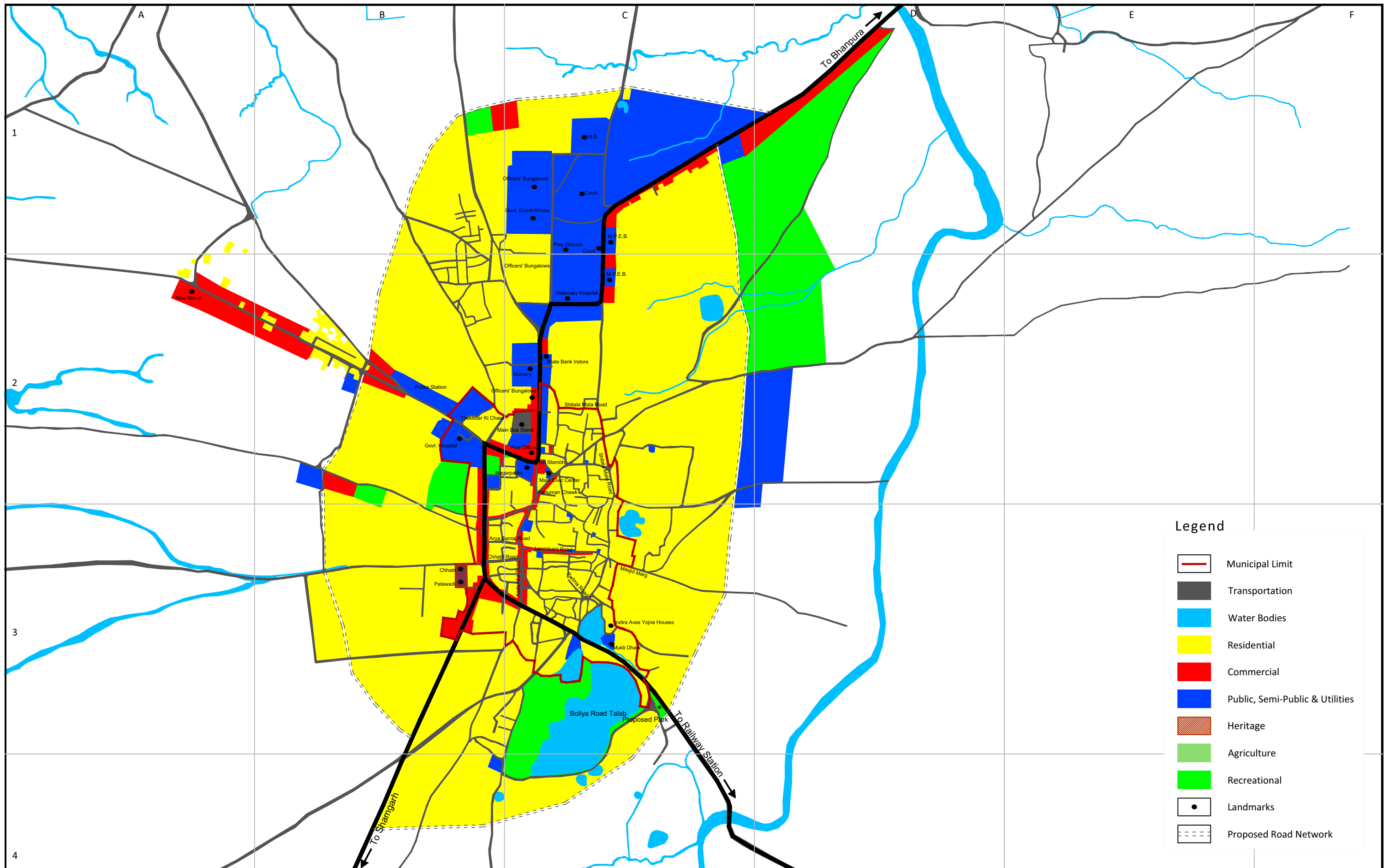
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**City Development Plan**  
**Garoth, Mandsaur District,**  
**Madhya Pradesh**

**Proposed Land Use Map**


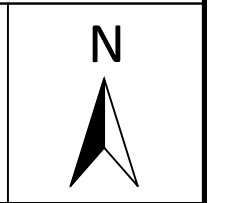
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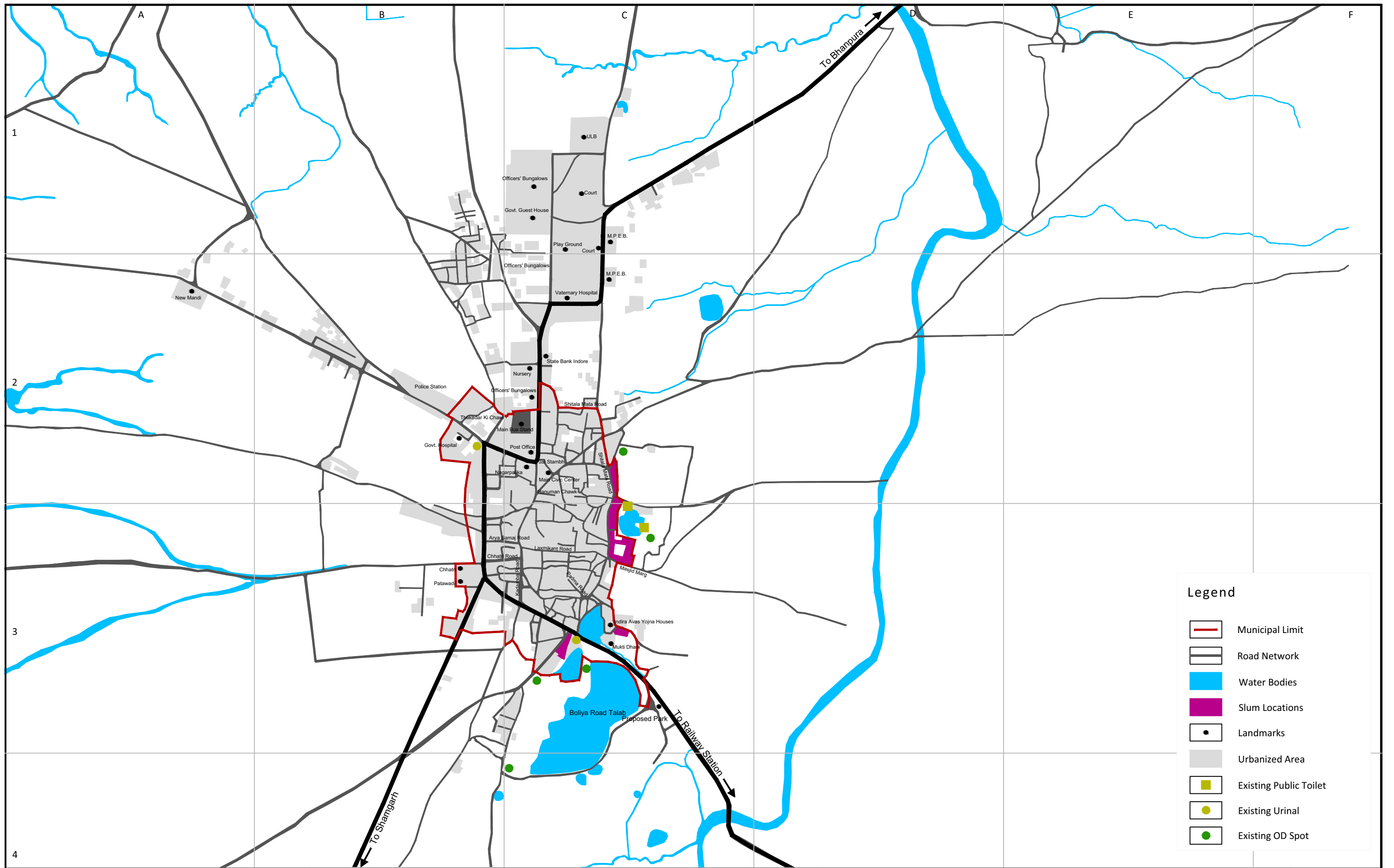
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**City Development Plan**  
**Garoth, Mandsaur District,**  
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**Existing Slum Location Map**


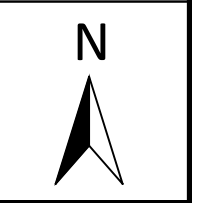
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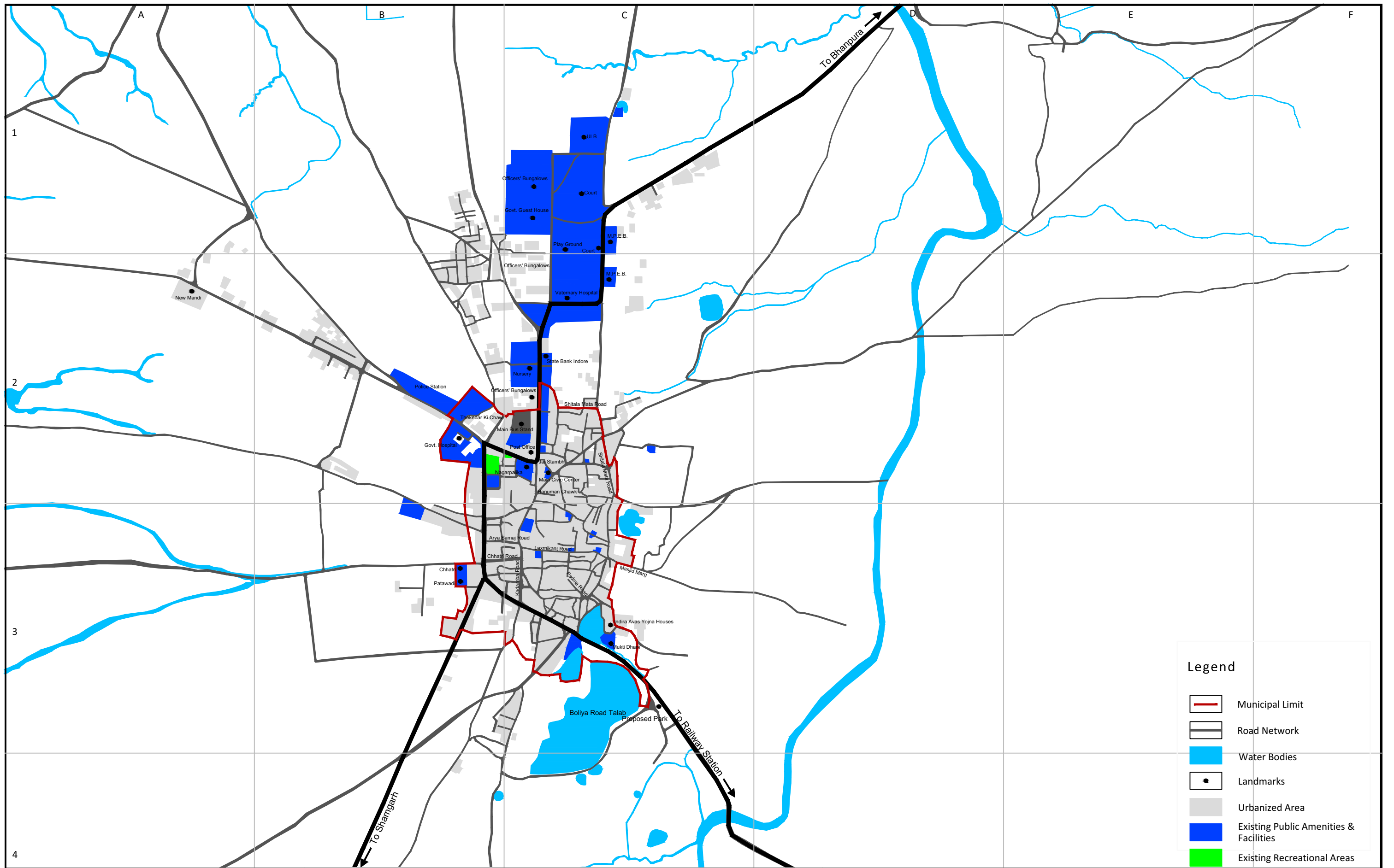
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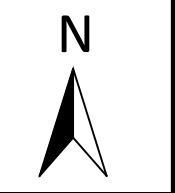


**City Development Plan**  
**Garoth, Mandsaur District,**  
**Madhya Pradesh**

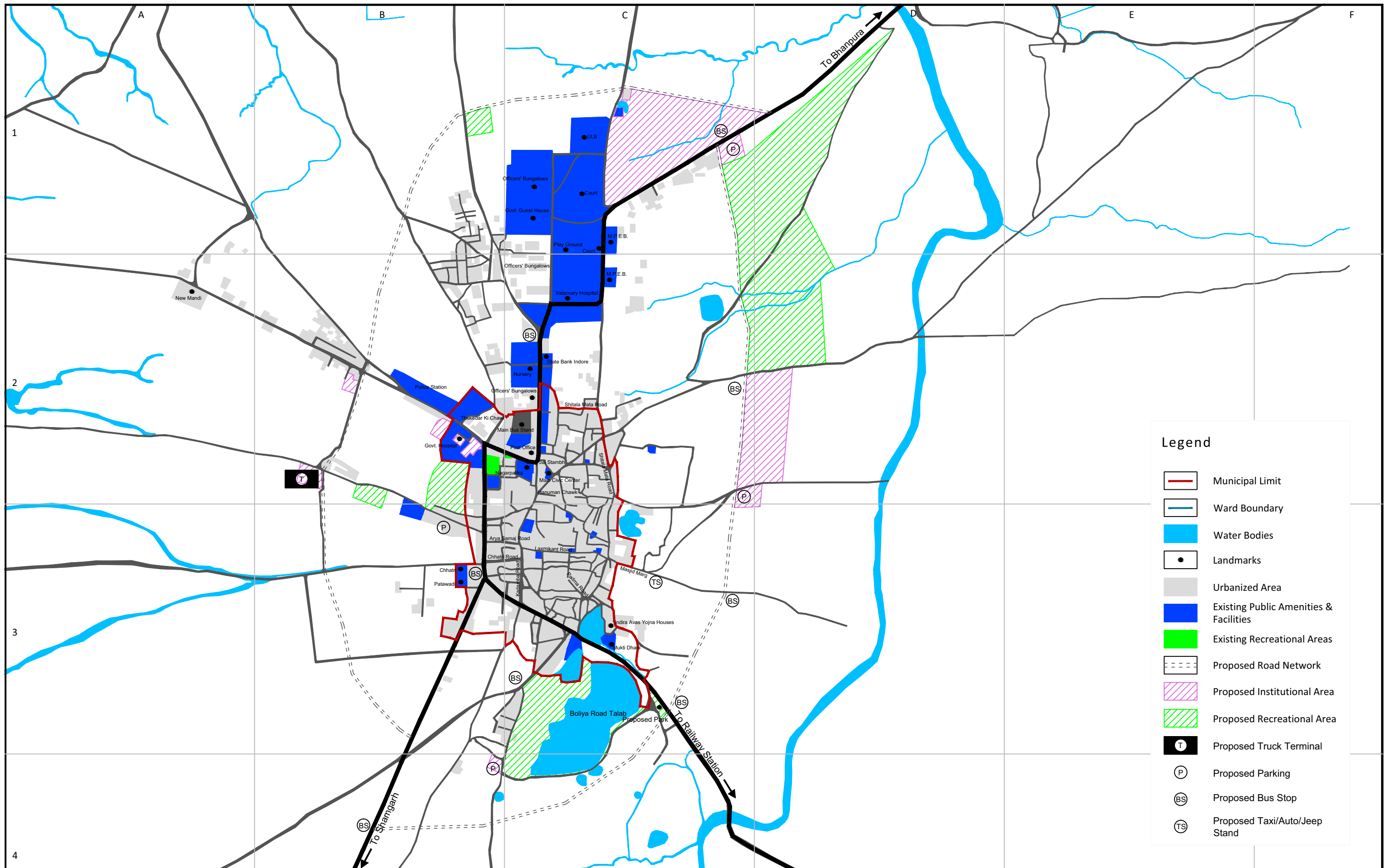
**Existing Social Infrastructure Map** Submitted by  
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 Madhya Pradesh  


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 Madhya Pradesh  








**Legend**

- Municipal Limit
- Ward Boundary
- Water Bodies
- Landmarks
- Urbanized Area
- Existing Public Amenities & Facilities
- Existing Recreational Areas
- Proposed Road Network
- Proposed Institutional Area
- Proposed Recreational Area
- T Proposed Truck Terminal
- P Proposed Parking
- BS Proposed Bus Stop
- TS Proposed Taxi/Auto/Jeep Stand

**City Development Plan**  
**Garoth, Mandsaur District,**  
**Madhya Pradesh**

**Proposed Social Infrastructure Map**

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