

## CHAPTER - 11

### WARD ACTION PLAN

#### 11.1 Introduction

##### 11.1.1 Background

This chapter presents Detailed Area Development Plans according to Ward Action Plan (WAP). First, the issues prevailing in Ward Action Plan have been briefly described including the problems and opportunities existing therein followed by description of Development Proposals for the WAP.

Ward Action Plan is a vital part of the current plan package as far as spatial development and development control is concerned. Absence of Ward Action Plan not only hampers undertaking development projects by planning authority but also leads to uncontrolled and unwanted spatial development in the private sector. Land use zoning provisions is also provided in the Ward Action Plan to enable detailed view of proposed land use and development.

The provision of Ward Action Plan is inherent in the Structure Plan with some specific purposes. These are:

- a. Provide basic micro level infrastructure and services in the study area through systematic planning, under the framework of Structure Plan.
- b. Create congenial environment to promote economic activities.
- c. Improve drainage system and protect natural water channels from encroachment.
- d. Create service centers to promote urban growth.

##### 11.1.2 Content and form of Ward Action Plan

Under Structure Plan 9 Ward Action Plans (WAP) have been created for the purpose of detailed area planning (Table: 11.1). Of these, nine WAPs are the Paurashava's nine corresponding Wards.

Table-11.1: Detailed Planning Area Zones within Urban Area Plan

Urban Area Plan Area	Local Area Coverage	Area in Acres	Population in 2011	Projected Population	
				2020	2030
WAP 01	Ward 01 & Extension Area	1052.55	2969	5275	6838
WAP 02	Ward 02	629.63	3261	6133	7950
WAP 03	Ward 03	251.45	6142	14035	18195
WAP 04	Ward 04	985.25	6384	11190	14507
WAP 05	Ward 05	662.65	7053	12871	16686
WAP 06	Ward 06 & Extension Area	501.54	5901	9912	12850
WAP 07	Ward 07 & Extension Area	654.48	5053	9116	11818
WAP 08	Ward 08	1507.44	2423	4814	6241
WAP 09	Ward 09	803.80	3113	6327	8203
<b>Total</b>		7048.79	42299	79673	103289

Note: Population Projected by the Planning Team Based on Bangladesh Population Census 2011.

The logic behind the creation of WAP is to divide the Structure Plan area into smaller units, expose their problems and opportunities and propose development proposals for amelioration of the problems as well as to promote development. Combining the areas of common use enables putting them into future uniform land use. Within the Paurashava Area one Ward has been considered a WAP. WAPs will enable preparation of detailed area development plans for smaller areas with more detailed investigation of the problems and opportunities. It ensures better management of planning and development. The Consultants adopted following indicators in delineating the WAP. They are:

- a) Population Growth and density, b) Area, c) Landuse, mainly economic denominator and their heterogeneity, d) Road Networks, e) Physical Boundary and f) Potential development opportunity, and g) Uniformity of land use.

The advantages of WAP are:

Perception of stakeholders can be drawn on more specific and accurate basis.

Issues like, infrastructure, social amenities and general expectations can be graphically portrayed/ articulated.

Helps better diagnosis of problems besetting the area.

- A useful base for analysis and micro recommendations.
- Enables easy and accurate planning (short term investment decisions) which can provide the basis for the capital investment program at local level.
- Facilitate, more opportunity for dialogue with local people in order to achieve consensus on detailed local level planning.

The Ward Action Plan has been contained list of priority schemes for the development of roads, drains, traffic management and other social infrastructures for implementation during the first five years of plan period.

### 11.1.3 Linkage with the Structure and Urban Area Plan

The current planning package is a three stage hierarchical planning typology. But the whole package is to be considered in total as the **Master Plan of Narail Paurashava**.

The planning components of the current plan package are hierarchically related with each other. Structure Plan is at the apex level providing the long term policies and strategies for urban development. The subsequent plans that is Urban Area Plan and Ward Action Plans are prepared under the strategic and visionary guidelines of the Structure Plan. Urban Area Plan is the mid-level plan meant for the main city and the potential areas in its vicinity likely to be developed in near future. Visions and strategies expressed in the Structure Plan are translated into planning proposals in the Urban Area Plan. It is also used for development control. Ward Action Plan is the lowest level in the planning hierarchy that shows the Urban Area plan proposals and beyond. It includes development proposals at the micro level reflecting the local needs and aspirations. Detailed Area Plans also follow the proposals and guide lines of the Structure Plan and Urban Area plan.

Table-11.1 and Map-11.1 shows the details of WAPs within Structure Plan area including their population and area. Following table illustrate the coverage of Ward Action Plan in Structure Plan.

Table- 11.2: Ward Action Plan Coverage

Narail Paurashava Urban Area Plan	Area		
	Sq. km	Acre	Hectare
Urban Area Plan Coverage	28.52	7048.79	2852
Ward Action Plan Coverage	28.52	7048.79	2852
Percent of Structure Plan Area:	100%		

### 11.1.4 Approach & Methodology

Ward Action Plan is a new terminology in the local planning practices. The Consultants, after thorough analysis and study, have decided to consider it as detailed area plan, currently practiced in local planning by other urban development agencies. The detailed area plan will be guided by the policies and proposals of upper level plans that is structure plan and urban area plan. Ward Action Plan provides guidance for development where action is expected in the short term and covers individual parts of a city within a variable time frame. It comprises high priority projects and programmes that can be implemented in a relatively short time period, in an intensive manner.

WAP do not initially cover the entire Structure Plan area. While all sub-areas will eventually require Detailed Area Plan, only the Urban Area Plan to be dealt with initially. The aim of a WAP is to prevent haphazard urban development and ensure livable environment in the Urban Area Plan areas.

Detailed Area Plan has been directed to the situations of local area and linked to the specific problems and issues of the area has been identified after discussion with and participatory process of all the 'actors' and beneficiaries of envisaged development in the area. A programme of prospective facilities and uses has been detailed out indicating target populations, service levels, financing mechanism and implementations schedules. After this programme has been set, preliminary proposals of alternatives for meeting the area's needs and demands has been prepared. Alternatives have also been evaluated according to the criteria for prioritizing projects. A final plan for integrated development of the area has then been prepared based on the selected

alternatives and their compatibility. For the preparation the over all Master Plan for Narail Paurashava the stakeholder's consultation at different stages of plan preparation has given utmost importance.

#### **Different Priority Projects**

- Waste water treatment plant
- Surface water treatment plant
- Solid Waste dumping and Recycling Centre
- Low income housing in Dhopa Khola Area
- Resettlement zone for affected people
- Water Base Park and boating place
- Proposed BSCIC Area
- Land Procurement and Development for Neighborhood Centre Complex

### **11.2 Derivation of Ward Action Plan**

#### **11.2.1 Revisit Structure Plan**

Structure Plan is a broad, indicative and open ended plan that contains broad policy framework for further plans and development actions. Based on the Structure Plan policy framework elaborate development proposals are prepared at subsequent lower levels.

The Structure Plan for Narail Paurashava will provide a long term development strategy for 20 years up to 2030 for the development of the Paurashava and its adjoining area comprising of an area of 28.52 sq km or 7047.91 acres with an estimated population around 1.5 lacs. The Structure Plan area was subdivided into 9 Ward Action Plans (WAPs) on the basis of Ward boundary and beyond which had been considered as WAP at the lowest tier plan of this plan package. Map No. 11.1 shows in detail the proposed land use policy, demarcation of WAPs and main communication network of Structure plan area of Narail Paurashava. The Structure Plan

- Identifies the order of magnitude and the direction of anticipated urban growth and definition of a broad set of policies considered necessary to achieve the overall plan objectives,
- Identifies areas where growth is likely to take place in future and addresses the major issues.
- is an attempt to provide a longer term perspective that would cater to the long term needs of the projected population and
- To determine the land use pattern of the town. It marks the possible areas of future expansion.
- Provides a policy framework for future development trends.

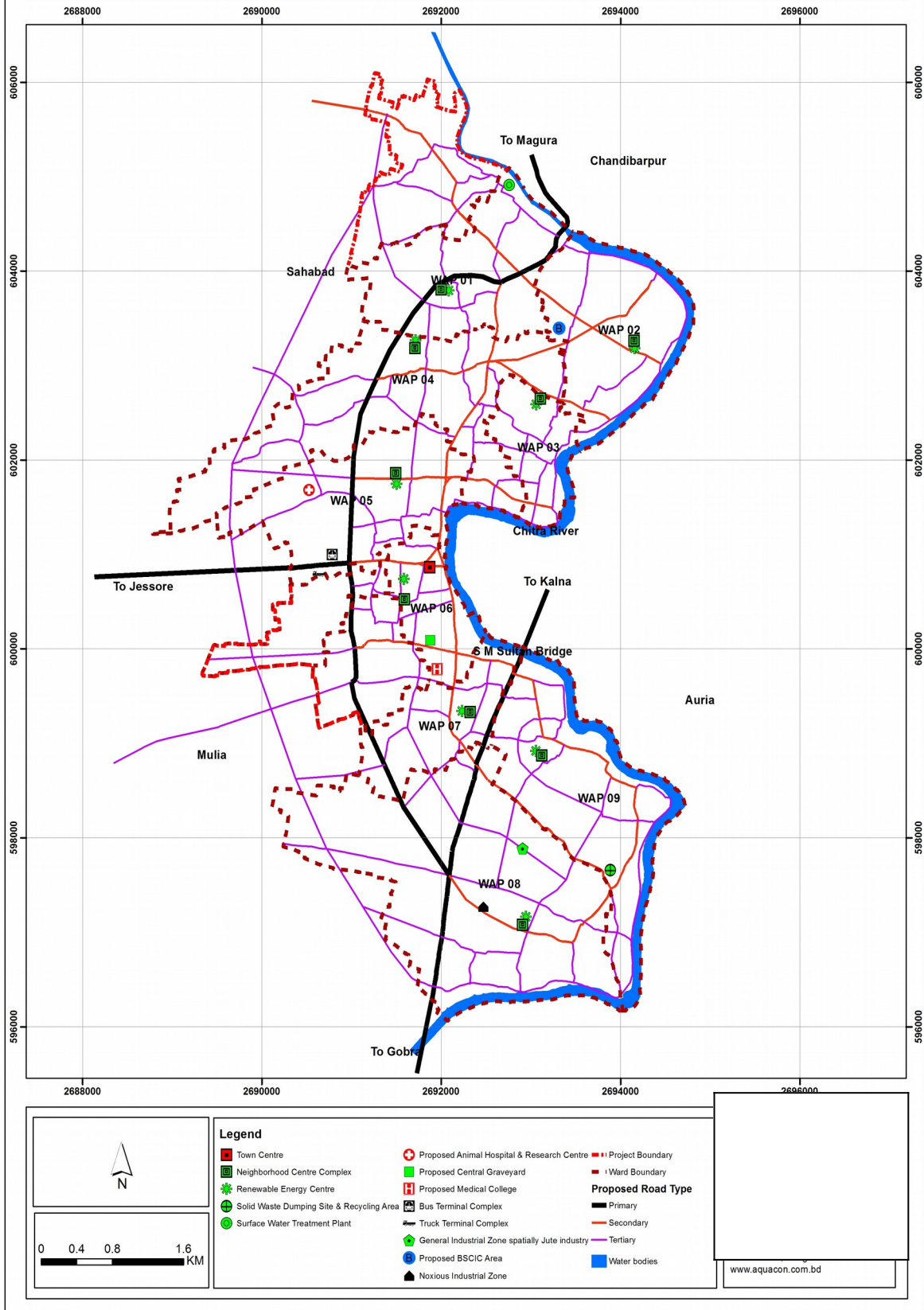
The Structure Plan contains policies on the following topics:

- Urban Area Development
- Transport and Communication
- Sanitation and Drainage
- Water Supply
- Solid Waste Management
- Industrial and Commercial Development
- Housing
- Economy and Employment
- Tourism and Recreation
- Environment
- Conservation of Heritage

The issues under each of the above topics have been briefly discussed followed by policy recommendations along with justification and agencies responsible for implementation.

The Structure Plan will remain valid for a period of 20 years from 2010 to 2030. From the beginning of 2028 a project will have to be started to prepare a new Structure Plan for the next 20 year plan period. The implementation of the WAP should be regularly monitored in line with the structure plan. The updating of the WAP should take place at the end of every 4th year of each five year plan period.

Map 11.1: Ward Action Plan Area (WAP) in Structure Plan of Narail Paurashava



### 11.2.2 Revisit Urban Area Plan

The Urban Area Plan here in after UAP is the first phase illustration of the Structure Plan intended to be developed over a time span of 20 years for an area of 28.52sq. km. or 7047.91 acre with a targeted population of 1,50,000 (in the year 2030). The UAP has been prepared within the policy framework of the Structure Plan and aims to attain the overall project objectives. So there is a hierarchical relationship between the two.

The concept of this plan focuses on the basis of an urban area plan, where mid term (upto the year 2030) development strategy is generally focused in the development planning process. Urban area Plan attempts to guide and accomplishing a coordinated , adjusted, and harmonious development of an urban center and its environs in accordance with present and future needs, best promoting health, safety, morals, order, convenience, property, general welfare, as well as efficiency and economy in the process of development; the forecast of a town's future. This plan is the second hierarchy of the current planning package and guided by the policy proposals of the structure plan. The Plan contains-

- broad spatial proposals and land use shown on map of desired scale;
- written statement about land use proposals ;
- description of social-economic and environment policies;
- Sector specific plans and proposals and development standards.

The written statement accompanying the plan also includes

- recommendations on appropriate land use regulations,
- building regulations and
- Development control system.

Ultimately the urban area plan will be taken over by the Detailed Area Plan. It may be mentioned that once the Detailed Area Plan has been prepared and is in force, the utility of the urban area plan will lose its credibility.

### **11.3 List of Priority Schemes**

To implement the WAP it is required to maintain the linkage with upper level plan proposals. Therefore, list of schemes, priorities and phasing is inevitable parts of WAP implementation phase. Thus, this section is an attempt to achieve this.

Considering different Sector of the Master Plan, list of schemes have been identified and therefore ranking of Wards have been subsequently done. Thus, among the all Wards which has more scheme proposals or development proposals, is required more investments than other ones. Here Phase 1 means the Ward Action Plan period that is 2010-2015. In the 1<sup>st</sup> phase the plan proposes for five year plan. The priority for ADP (Annual Development Programme) will be determined according to availability of fund and local demand. The list of schemes is given as follows:

#### **11.3.1 Town Centre**

The Town centre has proposed an area of 46.75 acre at Ward 06. Land use in the Town centre:

A. Shops and Shop-like uses:

Shops, Markets, Café, Restaurants, Banks, Dry cleaners etc

B. Offices:

a. Administrative offices (i) Municipal offices (ii) Central offices

b. Professional offices – Doctors, lawyers, consultants etc

c. Commercial offices

C. Social, cultural and entertainments: Town hall, Libraries, Art Galleries, Museums, Theatre, Cinema (entertainment)

D. Wholesale, warehouses, Godowns, Storage Areas

E. Service industries: Repair shops, Maintenance shop, Laundry and bakery, etc

F. Other uses: Hotels, Mosque, Town square (Landmark and place of relax), Parking area, Security services, etc.

Map 11.1 shows the Proposed Town centre in Narail Paurashava.

#### **11.3.2 Neighborhood Centre Complex**

The following proposed facilities can accommodate in the Neighborhood Centre Complex:

- a. Ward Councilor Office (1<sup>st</sup> Floor)
- b. Club/ Political Office (1<sup>st</sup> Floor)
- c. Office of Community police (1<sup>st</sup> Floor)
- d. Maternity/ Local emergency health facility (Ground Floor)
- e. Kutcha Bazar (Ground Floor)
- f. Community Centre (2<sup>nd</sup> Floor)
- g. Waste transfer station

Table-11.3: Proposed location of the Neighborhood Centre Complex

Sl. No.	Area (Acre)	Ward no.	Mouza	Jl No. (Sheet No.)	Plot ID.
01.	2.635	Ward 01	Durgapur Dumur Tala	075(03)	1402, 1403, 1404, 1413, 1414, 1417
02.	3.977	Ward 02	Borasula	049(00)	357, 358, 359, 360, 369-379
03.	2.082	Ward 03	Moheskhola	074(00)	13, 14, 15, 16, 17, 696
04.	3.395	Ward 04	Durgapur Dumur Tala	75(02)	2212, 2213, 2214, 2215, 2216, 2219, 2220, 2221
05.	2.925	Ward 05	Vaukhali	068(02)	952, 953, 982-986
06.	2.25	Ward 06	Kurigram	069(00)	259
07.	3.783	Ward 07	Machim Dia	058(00)	301-304, 310, 311
08.	3.955	Ward 08	Uzirpur	100(02)	2033-2039
09	2.135	Ward 09	Bramman Danga	56(00)	185, 188-192, 196, 197

Map 11.1 shows the eight proposed Neighborhood Centre Complexes in Narail Paurashava.

### 11.3.3 Water supply network

A new water supply network including the existing supply network for the future Narail Paurashava has been planned. It is proposed to extend the existing pipeline and to provide new overhead water tank as well as production wells to meet the present and future demand of water.

The proposed water supply line 100, 150 and 200 mm dia for Narail Paurashava. The estimated length till 2030 is:

- 50 mm dia = 54.44 km
- 100 mm dia = 47.03 km
- 150mm dia = 26.50 km
- 200 mm dia =21.94 km.

Following tables illustrate the proposed Production well and water supply network in Narail Paurashava:

Table-11.4: Location of the Proposed production well and Pump house in Narail Paurashava

Sl. No.	Proposed Type	Area (acre)	Location		
			Ward No.	Mouza-Jl No. (Sheet No.)	Plot No.
01.	Production well and Overhead Tank	1.14	Ward 01	Borosula 049(00)	538, 539, 540
02.	Production well and Overhead Tank	0.77	Ward 02	Durgapur Dumur Tala 075(03)	177-181
03.	Production well and Overhead Tank	1.94	Ward 03	Moheskhola 074(00)	343
04.	Production well and Overhead Tank	0.737	Ward 07	Betbaria 059 (00)	71, 72, 73, 75
05.	Production well and Overhead Tank	1.11	Ward 08	Uzirpur 100(02)	2026, 2028, 2029, 2030
06.	Production well and Overhead Tank	1.106	Ward 09	Bramman Danga 056(00)	176-180

### 11.3.4 Surface water treatment plant

A surface water treatment plant at Ragunathpur near Ragunathpur khal and Chitra river crossing, using surface water from Chitra River has been proposed, which will treat the surface water and feed into the Paurashava water supply network. The proposed features of the Surface Water Treatment plan is

Area: 11.114 acre

Location: Ward 01

Mouza: Ragunath Pur No. 48(02),

Plot Id.: .313-328.

The proposed length of surface water supply line is 14.543 Km. Surface water supply line is proposed as 250mm dia for the project area.

### 11.3.5 Sewerage facility and Solid Waste Disposal

A Waste water treatment plant at Baukhali in Ward no. 05 (Mouza: Baukhali JI No. 068(02)) has been proposed. The proposed area for the treatment plant is 6.765 acre, which can be fixed after feasibility analysis.

The present level of service in respect of solid waste management is not satisfactory in Narail Paurashava. It is not only creating problem for Paurashava cleaning but also contributing much to the drainage problem by blocking / obstructing the normal flow of drainage water. There is no specific dumping site in Narail Paurashava. The proposed facilities for Narail paurashava are as follows:

Solid Waste Disposal site and waste separation site:

Area: 12.03 acre

Location: Ward 09

Mouza: Uzir pur No. 100 (03)

Plot Id:2331-2334, 2485-2504, 2510-2524, 2529, 2532,

Table-11.5: Community bins/ secondary collection points:

Community Bin No.	Ward no.	Mouza	JI No. (Sheet No.)	Remarks
01.	Ward 01	Durgapur Dumur Tala	075(03)	Adjoining Neighborhood Centre Complex
02.	Ward 02	Borasula	049(00)	Adjoining Neighborhood Centre Complex
03.	Ward 03	Moheskholo	074(00)	Adjoining Neighborhood Centre Complex
04.	Ward 04	Durgapur Dumur Tala	75(02)	Adjoining Neighborhood Centre Complex
05.	Ward 05	Vaukhali	068(02)	Adjoining Neighborhood Centre Complex
06.	Ward 06	Kurigram	069(00)	Adjoining Neighborhood Centre Complex
07.	Ward 07	Machim Dia	058(00)	Adjoining Neighborhood Centre Complex
08.	Ward 08	Uzirpur	100(02)	Adjoining Neighborhood Centre Complex
09	Ward 09	Bramman Danga	56(00)	Adjoining Neighborhood Centre Complex

### 11.3.6 Renewable Energy Centre

Renewable energy source can be an alternative electricity source. Narail Paurashava has the potentiality to use renewable energy such as bio-gas plant, solar panel, etc. So the Consultants have been proposed nine location of the Paurashava for the production of renewable energy centre. b. In the initial stage the electricity of this centre can be used in the neighborhood centre complex. c. After production of the electricity in desirable level the electricity can be supplied in the household level in the corresponding Ward.

Following area the list of proposed Renewable Energy Centre of the Paurashava:

Table-11.6: Location of proposed Renewable Energy Centre

Sl. No.	Area (Acre)	Ward No.	Mouza	JI No. (Sheet No.)	Plot Id.
01.	2.318	Ward 01	Durgapur Dumur Tala	75(03)	112-116, 1400, 1401, 1419
02.	1.983	Ward 02	Borasula	49(00)	350, 351, 355, 380, 381
03	2.969	Ward 03	Moheskholo	74(00)	16, 17, 13, 22, 23, 166
04.	2.695	Ward 04	Durgapur Dumur Tala	075(02)	2161-2163, 2169, 2214, 2215, 2216, 2212
05.	1.95	Ward 05	Vaukhali	68(02)	978, 1486
06.	2.927	Ward 06	Kurigram	069(00)	256, 257
07.	2.434	Ward 07	Machim Dia	058(00)	312, 422, 423
08.	3.177	Ward 08	Uzirpur	100(02)	2019-2026
09.	2.508	Ward 09	Bramman Danga	056(00)	166,164, 183, 198

### 11.3.7 Educational Facilities

The consultant has proposed 12 new primary school of 17.22 acre. Whereas 9 high schools has been proposed of 17.48 acre. Five new colleges have been proposed to fulfill the future demand. Animal hospital and research centre has been proposed in Ward 05 of 9.32 acre. A Medical college of 10 acre has been proposed.

**Table-11.7: Proposed Land Allocation for Educational Facilities**

Ward No.	Proposed Educational Facilities								Total Area in acre
	Primary School		High School		College		Others		
	Number	acreArea in	Number	acreArea in	Number	acreArea in	Number	acreArea in	
Ward 01	-	-	1	1.85	-	-	-	-	1.85
Ward 02	-	-	-	-	1	4.37	-	-	4.37
Ward 03	2	2.8	1	2.23	1	4.48	-	-	9.51
Ward 04			1	1.96	-	-	-	-	1.96
Ward 05	3	4.44	1	1.91			Animal Hospital & Research Centre	9.32	15.67
Ward 06	3	3.81	2	3.9			Medical College	10	17.71
Ward 07	3	4.51	2	4.04	1	5.63	-	-	14.18
Ward 08	-	-	-	-	1	4.13	-	-	4.13
Ward 09	1	1.66	1	1.97	1	4	-	-	7.63
<b>Total</b>	<b>12</b>	<b>17.22</b>	<b>9</b>	<b>17.86</b>	<b>5</b>	<b>22.61</b>	-	<b>19.32</b>	<b>77.01</b>

**Table- 11.8: Proposed list of different educational facilities**

Educational Id	Proposed Educational Facility	Area in acre	Ward No.
Edu 01	Secondary School	1.85	Ward 01
Edu 02	College	4.37	Ward 02
Edu 03	Primary School	1.36	Ward 03
Edu 04	Primary School	1.44	Ward 04
Edu 05	Secondary School	2.23	Ward 05
Edu 06	College	4.48	Ward 06
Edu 07	Secondary School	1.96	Ward 04
Edu 08	Primary School	1.60	Ward 05
Edu 09	Primary School	1.05	Ward 05
Edu 10	Primary School	1.79	Ward 05
Edu 11	Secondary School	1.91	Ward 05
Edu 12	Primary School	1.40	Ward 06
Edu 13	Secondary School	1.90	Ward 06
Edu 14	Primary School	0.73	Ward 06
Edu 15	Primary School	1.68	Ward 06
Edu 16	Secondary School	2.00	Ward 06
Edu 17	Primary School	1.45	Ward 07
Edu 18	Primary School	1.55	Ward 07
Edu 19	Primary School	1.51	Ward 07
Edu 20	Secondary School	2.21	Ward 07
Edu 21	Secondary School	1.83	Ward 07
Edu 22	College	5.63	Ward 07
Edu 23	College	4.13	Ward 08
Edu 24	Primary School	1.66	Ward 09
Edu 25	Secondary School	1.97	Ward 09
Edu 26	College	4.00	Ward 09
Edu 27	Medical College	10.00	Ward 06
Edu 28	Animal hospital and Research Centre	9.32	Ward 05
<b>Total area in acre</b>		<b>77.01</b>	

### 11.3.8 Health facility

The consultant has proposed Medical college & Health complex in Ward 06 of 10 acre.

### 11.3.9 Religious facilities

The consultant has proposed 8 new location of graveyard in Narail Paurashava. Proposed graveyard and eidgah of 41.67 and 4.82 acre of land has been proposed calculating the future demand of the project area.

Table-11.9: Proposed land allocation of different religious facilities

Ward No.	Graveyard		Eidgah		Total Area in Acre
	Number	Area in acre	Number	Area in acre	
Ward 01	1	2.46	-	-	2.46
Ward 02	1	2.49	-	-	2.49
Ward 03	1	6.96	Central Eidgah	2.36	9.32
Ward 04	1	5.15	-	-	5.15
Ward 05	1	6.1	1	1.21	7.31
Ward 06	Central Graveyard	9.76	1	1.25	11.01
Ward 07	1	4	-	-	4
Ward 08	1	2.25	-	-	2.25
Ward 09	1	2.5	-	-	2.5
<b>Total</b>	<b>9</b>	<b>41.67</b>	<b>3</b>	<b>4.82</b>	<b>46.49</b>

### 11.3.10 Recreational Facilities

#### a. Park

Open space have been proposed in two categories- central park and community level park. A central Stadium and recreational zone for the town has been proposed at Ward 05 in existing Birsersto Nur Mohammad Stadium. This will serve the entire planning area. The location has been made accessible through a number of roads of different hierarchies. Community parks and open space spatially water base recreation to expedite the traditional boat racing has been proposed in Narail Paurashava of 19.51 acres.

#### b. Play Field

The town already has few play fields apart from existing stadiums. The play fields are mostly in educational institutions. The Consultant suggests 8 additional play fields with a total area of 13.36 acres. The play fields have been distributed over the entire future town area to make them accessible to the people living at different parts of the city. Accessibility has been provided through new road facilities.

Table-11.10: **Proposed Land Allocation for Recreational Facilities**

Ward No.	Playground		Park/ open space		Total Area in Acre
	Number	Area in Acre	Type	Area in Acre	
Ward 01	1	1.45	-	-	1.45
Ward 02	1	1.60	Water base Park and boating place	10.77	12.37
Ward 03	1	2.40	-	-	2.40
Ward 04	1	2.00	-	-	2.00
Ward 05	-	-	Central Stadium & Recreational Area	18.075	18.075
Ward 06	1	1.10	-	-	1.10
Ward 07	1	1.35	-	-	1.35
Ward 08	1	1.88	-	-	1.88
Ward 09	1	1.58	Water base Park and boating place	8.74	10.32
<b>Total</b>	<b>8</b>	<b>13.36</b>		<b>37.585</b>	<b>50.95</b>

### 11.3.11 Traffic and Transportation

#### 11.3.11.1 Roads

##### a. Primary Roads

Table-11.11: Proposed Primary Roads in Narail Paurashava

Proposed ID	Existing Road Width (m)	Road Name	Existing Road Type	Proposed Road Type	Remarks	Length (m)	Proposed Road width (m)	Remarks	Phase	Ward no.
P18	0.00			Primary	Proposed	3976.735	36	New Construction	Phase 1	Ward 04
P22	0.00			Primary	Proposed	2332.894	36	New Construction	Phase 1	Ward 07
P25	0.00			Primary	Proposed	549.916	36	New Construction	Phase 1	Ward 01
P26	0.00			Primary	Proposed	3976.735	36	New Construction	Phase 1	Ward 01
P27	0.00			Primary	Proposed	3976.735	36	New Construction	Phase 1	Ward 05
P30	0.00			Primary	Proposed	2332.894	36	New Construction	Phase 1	Ward 07(Ext)
P32	0.00			Primary	Proposed	2332.894	36	New Construction	Phase 1	Ward 08
P1	5.50	Jessore Road	Road_Pucca	Primary	Existing	348.443	36	Widening	Phase 1	Ward 05
P2	5.60	Ghora Khali Ghat Road	Road_Pucca	Primary	Existing	361.307	36	Widening	Phase 1	Ward 01
P3	5.50	Narail-Kalna Road	Road_Pucca	Primary	Existing	2016.022	36	Widening	Phase 1	Ward 09
P4	3.50	Narail-Gobra Main Road	Road_Pucca	Primary	Existing	477.592	36	Widening	Phase 1	Ward 08
P5	3.60		Road_Pucca	Primary	Existing	251.682	36	Widening	Phase 1	Ward 06(Ext)
P6	3.60	Mulia Road	Road_Pucca	Primary	Existing	983.711	36	Widening	Phase 1	Ward 07(Ext)
P7	4.80	Magura Road	Road_Pucca	Primary	Existing	63.012	36	Widening	Phase 1	Ward 01
P8	5.50	Narail-Gobra Main Road	Road_Pucca	Primary	Existing	75.822	36	Widening	Phase 1	Ward 08
P9	3.70	Narail-Gobra Main Road	Road_Pucca	Primary	Existing	374.098	36	Widening	Phase 1	Ward 08
P10	3.70	Narail-Gobra Main Road	Road_Pucca	Primary	Existing	302.074	36	Widening	Phase 1	Ward 08
P11	3.50	Narail-Gobra Main Road	Road_Pucca	Primary	Existing	224.345	36	Widening	Phase 1	Ward 08
P12	4.00	Narail-Gobra Main Road	Road_Pucca	Primary	Existing	195.101	36	Widening	Phase 1	Ward 08
P13	3.90	Narail-Gobra Main Road	Road_Pucca	Primary	Existing	175.331	36	Widening	Phase 1	Ward 08
P14	3.80	Narail-Gobra Main Road	Road_Pucca	Primary	Existing	63.166	36	Widening	Phase 1	Ward 08
P15	3.80	Narail-Gobra Main Road	Road_Pucca	Primary	Existing	97.341	36	Widening	Phase 1	Ward 08

Proposed ID	Existing Road Width (m)	Road Name	Existing Road Type	Proposed Road Type	Remarks	Length (m)	Proposed Road width (m)	Remarks	Phase	Ward no.
P16	3.40	Narail-Gobra Main Road	Road_Pucca	Primary	Existing	316.848	36	Widening	Phase 1	Ward 08
P17	6.00	Jessore Road	Road_Pucca	Primary	Existing	323.979	36	Widening	Phase 1	Ward 05
P19	0.00			Primary	Existing	901.178	36	Widening	Phase 1	Ward 01
P20	3.60	Mulia Road	Road_Pucca	Primary	Existing	62.373	36	Widening	Phase 1	Ward 07(Ext)
P21	3.50	Narail-Gobra Main Road	Road_Pucca	Primary	Existing	255.030	36	Widening	Phase 1	Ward 08
P23	0.00			Primary	Existing	793.827	36	Widening	Phase 1	Ward 08
P24	0.00			Primary	Existing	2175.194	36	Widening	Phase 1	Extension
P28	3.60	Mulia Road	Road_Pucca	Primary	Existing	983.711	36	Widening	Phase 1	Ward 07(Ext)
P29	5.50	Narail-Kalna Road	Road_Pucca	Primary	Existing	2016.022	36	Widening	Phase 1	Ward 07
P31	5.50	Narail-Kalna Road	Road_Pucca	Primary	Existing	2016.022	36	Widening	Phase 1	Ward 08

### **b. Secondary Road**

Table-11.12: Proposed Secondary Roads in Narail Paurashava

Proposed ID	Existing Road Width (m)	Road Name	Existing Road Type	Proposed Road Type	Remarks	Length (m)	Proposed Road width(m)	Remarks	Phase	Ward no.
S67	0.00			Secondary	Proposed	70.651	18	New Construction	Phase 1	Ward 05
S80	0.00			Secondary	Proposed	1237.589	18	New Construction	Phase 1	Ward 02
S81	0.00			Secondary	Proposed	548.641	18	New Construction	Phase 1	Ward 01
S82	0.00			Secondary	Proposed	472.254	18	New Construction	Phase 1	Ward 08
S91	0.00			Secondary	Proposed	148.574	18	New Construction	Phase 1	Ward 07
S93	0.00			Secondary	Proposed	206.728	18	New Construction	Phase 1	Ward 08
S95	0.00			Secondary	Proposed	28.844	18	New Construction	Phase 1	Ward 06
S1	4.00		Road_Pucca	Secondary	Existing	855.839	18	Widening	Phase 1	Ward 01(Ext)
S2	4.00		Road_Pucca	Secondary	Existing	423.645	18	Widening	Phase 1	Ward 01(Ext)
S3	4.00		Road_Pucca	Secondary	Existing	213.767	18	Widening	Phase 1	Ward 01(Ext)
S4	3.00		Road_Pucca	Secondary	Existing	323.493	18	Widening	Phase 1	Ward 01(Ext)
S5	3.00		Road_Pucca	Secondary	Existing	119.984	18	Widening	Phase 1	Ward 01(Ext)
S6	3.00		Road_Pucca	Secondary	Existing	322.297	18	Widening	Phase 1	Ward 01(Ext)
S7	3.80		Road_Pucca	Secondary	Existing	457.218	18	Widening	Phase 1	Ward 01(Ext)
S12	3.00		Road_Pucca	Secondary	Existing	349.723	18	Widening	Phase 1	Ward 09
S13	3.20	Helipad Road	Road_Pucca	Secondary	Existing	490.059	18	Widening	Phase 1	Ward 06
S14	3.20	Machimdia Road	Road_Pucca	Secondary	Existing	502.959	18	Widening	Phase 1	Ward 07
S15	3.00	Ujirpur Road	Road_Pucca	Secondary	Existing	1325.699	18	Widening	Phase 1	Ward 09

Proposed ID	Existing Road Width (m)	Road Name	Existing Road Type	Proposed Road Type	Remarks	Length (m)	Proposed Road width(m)	Remarks	Phase	Ward no.
S16	3.20		Road_Pucca	Secondary	Existing	685.817	18	Widening	Phase 1	Ward 09
S17	2.00		Road_Semipucca	Secondary	Existing	469.709	18	Widening	Phase 1	Ward 08
S18	3.00		Road_Pucca	Secondary	Existing	422.072	18	Widening	Phase 1	Ward 09
S19	3.00		Road_Pucca	Secondary	Existing	356.744	18	Widening	Phase 1	Ward 09
S23	5.70	Court Road	Road_Pucca	Secondary	Existing	387.460	18	Widening	Phase 1	Ward 04
S25	5.00		Road_Pucca	Secondary	Existing	74.192	18	Widening	Phase 1	Ward 06
S26	4.00	Rupgonj Bazar Road	Road_Pucca	Secondary	Existing	376.186	18	Widening	Phase 1	Ward 06
S27	5.50	Jessore Road	Road_Pucca	Secondary	Existing	358.260	18	Widening	Phase 1	Ward 05
S28	7.90	Jessore Road	Road_Pucca	Secondary	Existing	101.796	18	Widening	Phase 1	Ward 05
S29	8.40	Jessore Road	Road_Pucca	Secondary	Existing	82.814	18	Widening	Phase 1	Ward 05
S32	3.00		Road_Semipucca	Secondary	Existing	528.729	18	Widening	Phase 1	Ward 09
S34	6.00	Jessore Road	Road_Pucca	Secondary	Existing	570.479	18	Widening	Phase 1	Ward 06
S35	5.50	Gobra road	Road_Pucca	Secondary	Existing	288.542	18	Widening	Phase 1	Ward 08
S38	3.00		Road_Semipucca	Secondary	Existing	390.321	18	Widening	Phase 1	Ward 09
S39	4.00	Kalibari Road/ Sarnopatti Road	Road_Pucca	Secondary	Existing	196.839	18	Widening	Phase 1	Ward 06
S41	8.40	Jessore Road	Road_Pucca	Secondary	Existing	35.324	18	Widening	Phase 1	Ward 06
S42	3.00		Road_Semipucca	Secondary	Existing	231.586	18	Widening	Phase 1	Ward 02
S43	5.30	Jessore Road	Road_Pucca	Secondary	Existing	266.735	18	Widening	Phase 1	Ward 05
S45	5.70	Court Road	Road_Pucca	Secondary	Existing	282.153	18	Widening	Phase 1	Ward 05
S48	5.30	Court Road	Road_Pucca	Secondary	Existing	321.756	18	Widening	Phase 1	Ward 04
S49	6.50	Court Road	Road_Pucca	Secondary	Existing	209.424	18	Widening	Phase 1	Ward 03
S50	6.90	Court Road	Road_Pucca	Secondary	Existing	104.734	18	Widening	Phase 1	Ward 03
S52	3.50		Road_Pucca	Secondary	Existing	167.115	18	Widening	Phase 1	Ward 01
S53	3.00	Ujirpur Road	Road_Pucca	Secondary	Existing	306.379	18	Widening	Phase 1	Ward 09
S54	3.20		Road_Pucca	Secondary	Existing	100.322	18	Widening	Phase 1	Ward 09
S55	3.20		Road_Pucca	Secondary	Existing	180.855	18	Widening	Phase 1	Ward 09
S56	4.30		Road_Pucca	Secondary	Existing	262.655	18	Widening	Phase 1	Ward 09
S57	3.25	Hatbaria Road	Road_Pucca	Secondary	Existing	142.611	18	Widening	Phase 1	Ward 07
S58	3.00	Hatbaria Mission Road	Road_Pucca	Secondary	Existing	231.109	18	Widening	Phase 1	Ward 09
S59	3.00		Road_Semipucca	Secondary	Existing	273.386	18	Widening	Phase 1	Ward 08
S60	2.50		Road_Semipucca	Secondary	Existing	45.459	18	Widening	Phase 1	Ward 08
S61	5.50	Gobra road	Road_Pucca	Secondary	Existing	557.140	18	Widening	Phase 1	Ward 06

Proposed ID	Existing Road Width (m)	Road Name	Existing Road Type	Proposed Road Type	Remarks	Length (m)	Proposed Road width(m)	Remarks	Phase	Ward no.
S62	8.40	Jessore Road	Road_Pucca	Secondary	Existing	36.695	18	Widening	Phase 1	Ward 05
S63	7.10	Jessore Road	Road_Pucca	Secondary	Existing	76.608	18	Widening	Phase 1	Ward 06
S64	6.60	Jessore Road	Road_Pucca	Secondary	Existing	53.365	18	Widening	Phase 1	Ward 06
S65	7.40	Jessore Road	Road_Pucca	Secondary	Existing	155.288	18	Widening	Phase 1	Ward 06
S66	3.25	Machimdia Road	Road_Pucca	Secondary	Existing	27.511	18	Widening	Phase 1	Ward 09
S79	3.60		Road_Katcha	Secondary	Existing	183.893	18	Widening	Phase 1	Ward 02
S86	3.25	Hatbaria Road	Road_Pucca	Secondary	Existing	69.153	18	Widening	Phase 1	Ward 07
S92	5.00	Narail-Gobra Main Road	Road_Pucca	Secondary	Existing	846.131	18	Widening	Phase 1	Ward 07
S99	3.80		Road_Pucca	Secondary	Existing	457.218	18	Widening	Phase 1	Ward 01
S101	3.20	Machimdia Road	Road_Pucca	Secondary	Existing	502.959	18	Widening	Phase 1	Ward 06
S102	5.00	Narail-Gobra Main Road	Road_Pucca	Secondary	Existing	846.131	18	Widening	Phase 1	Ward 06

### c. Tertiary Road

Table-11.13: Proposed Tertiary Roads in Narail Paurashava

Proposed ID	Existing Road Width (m)	Road Name	Existing Road Type	Proposed Road Type	Remarks	Length (m)	Proposed Road width(m)	Remarks	Phase	Ward no.
T212	0.00			Tertiary	Proposed	96.895	16	New Construction	Phase 1	Ward 07
T213	0.00			Tertiary	Proposed	306.461	16	New Construction	Phase 1	Ward 07
T215	0.00			Tertiary	Proposed	222.580	16	New Construction	Phase 1	Ward 05
T220	0.00			Tertiary	Proposed	95.057	16	New Construction	Phase 1	Ward 04
T231	0.00			Tertiary	Proposed	198.314	16	New Construction	Phase 1	Ward 05
T237	0.00			Tertiary	Proposed	15.777	16	New Construction	Phase 1	Ward 09
T245	0.00			Tertiary	Proposed	49.047	16	New Construction	Phase 1	Ward 05
T283	0.00			Tertiary	Proposed	400.794	16	New Construction	Phase 1	Ward 06
T21	3.00	City College Road	Road_Pucca	Tertiary	Existing	763.101	16	Widening	Phase 1	Ward 03
T22	3.20	City College Road	Road_Pucca	Tertiary	Existing	583.799	16	Widening	Phase 1	Ward 03
T24	5.70	Victoria College Road/ Badhaghat Road	Road_Pucca	Tertiary	Existing	641.245	16	Widening	Phase 1	Ward 06
T56	2.50		Road_Pucca	Tertiary	Existing	420.198	16	Widening	Phase 1	Ward 03
T67	3.00	Vouakahli Kahirdanga Road	Road_Pucca	Tertiary	Existing	272.977	16	Widening	Phase 1	Ward 05
T69	6.00	Hatibagan Road	Road_Pucca	Tertiary	Existing	458.528	16	Widening	Phase 1	Ward 06
T70	5.00		Road_Pucca	Tertiary	Existing	23.572	16	Widening	Phase 1	Ward 06
T75	3.00	Jaker Sibir Road	Road_Pucca	Tertiary	Existing	274.435	16	Widening	Phase 1	Ward 06(Ext)

Proposed ID	Existing Road Width (m)	Road Name	Existing Road Type	Proposed Road Type	Remarks	Length (m)	Proposed Road width(m)	Remarks	Phase	Ward no.
T76	2.50	Jaker Sibir Road	Road_Pucca	Tertiary	Existing	239.183	16	Widening	Phase 1	Ward 07(Ext)
T77	4.00		Road_Katcha	Tertiary	Existing	157.686	16	Widening	Phase 1	Ward 07(Ext)
T78	3.00	Asrom Road	Road_Pucca	Tertiary	Existing	262.271	16	Widening	Phase 1	Ward 06
T79	3.60	Manik Sarak	Road_Pucca	Tertiary	Existing	358.274	16	Widening	Phase 1	Ward 06
T80	2.00		Road_Semipucca	Tertiary	Existing	203.460	16	Widening	Phase 1	Ward 04
T83	2.60		Road_Semipucca	Tertiary	Existing	140.160	16	Widening	Phase 1	Ward 05
T84	7.00	Chitra Ferry Ghut Road	Road_Pucca	Tertiary	Existing	86.102	16	Widening	Phase 1	Ward 03
T86	3.30	Gochar Road	Road_Pucca	Tertiary	Existing	586.255	16	Widening	Phase 1	Ward 04
T90	3.00	Vouakahli Ghoshpara Road	Road_Pucca	Tertiary	Existing	334.502	16	Widening	Phase 1	Ward 05
T91	3.00	South Narail Village Road	Road_Pucca	Tertiary	Existing	614.037	16	Widening	Phase 1	Ward 07(Ext)
T96	2.00		Road_Katcha	Tertiary	Existing	111.562	16	Widening	Phase 1	Ward 07
T99	2.00		Road_Pucca	Tertiary	Existing	83.200	16	Widening	Phase 1	Ward 04
T100	2.00		Road_Katcha	Tertiary	Existing	154.798	16	Widening	Phase 1	Ward 04
T110	1.00		Road_Semipucca	Tertiary	Existing	91.019	16	Widening	Phase 1	Ward 07
T112	1.80	Police Line Road	Road_Katcha	Tertiary	Existing	60.994	16	Widening	Phase 1	Ward 07(Ext)
T129	3.70	Shahid Muktijoddha Mamunur Rashid Kanchan Road	Road_Pucca	Tertiary	Existing	182.052	16	Widening	Phase 1	Ward 03
T133	2.50		Road_Semipucca	Tertiary	Existing	110.317	16	Widening	Phase 1	Ward 04
T139	2.50	City Scholl Road	Road_Katcha	Tertiary	Existing	33.517	16	Widening	Phase 1	Ward 04
T140	2.00	City Scholl Road	Road_Semipucca	Tertiary	Existing	49.819	16	Widening	Phase 1	Ward 04
T141	5.00	Chitra Ferry Ghut Road	Road_Pucca	Tertiary	Existing	68.426	16	Widening	Phase 1	Ward 03
T169	5.60	Hatibagan Road	Road_Pucca	Tertiary	Existing	195.161	16	Widening	Phase 1	Ward 07(Ext)
T170	3.00		Road_Katcha	Tertiary	Existing	48.927	16	Widening	Phase 1	Ward 07(Ext)
T171	3.00	Police Line Road	Road_Semipucca	Tertiary	Existing	196.018	16	Widening	Phase 1	Ward 07(Ext)
T172	1.80		Road_Semipucca	Tertiary	Existing	67.645	16	Widening	Phase 1	Ward 07(Ext)
T173	4.00		Road_Semipucca	Tertiary	Existing	45.333	16	Widening	Phase 1	Ward 07(Ext)
T191	3.00	Vouakahli Kahirdanga Road	Road_Pucca	Tertiary	Existing	70.369	16	Widening	Phase 1	Ward 05
T192	3.00	Vouakahli Uttarpara Road	Road_Pucca	Tertiary	Existing	92.317	16	Widening	Phase 1	Ward 05
T230	0.00			Tertiary	Existing	55.982	16	Widening	Phase 1	Ward 04
T232	2.50	Central Jame Mosjid Road	Road_Pucca	Tertiary	Existing	16.318	16	Widening	Phase 1	Ward 03
T238	3.00		Road_Katcha	Tertiary	Existing	59.665	16	Widening	Phase 1	Ward

Proposed ID	Existing Road Width (m)	Road Name	Existing Road Type	Proposed Road Type	Remarks	Length (m)	Proposed Road width(m)	Remarks	Phase	Ward no.
										07
T240	0.00			Tertiary	Existing	117.359	16	Widening	Phase 1	Ward 07(Ext)
T246	3.00	Vouakahli Ghoshpara Road	Road_Pucca	Tertiary	Existing	53.555	16	Widening	Phase 1	Ward 05
T247	2.80		Road_Pucca	Tertiary	Existing	18.531	16	Widening	Phase 1	Ward 05
T249	0.00			Tertiary	Existing	30.504	16	Widening	Phase 1	Ward 07(Ext)
T250	2.50	Jaker Sibir Road	Road_Pucca	Tertiary	Existing	32.741	16	Widening	Phase 1	Ward 07(Ext)
T284	4.00		Road_Katcha	Tertiary	Existing	21.315	16	Widening	Phase 1	Ward 07(Ext)
T296	4.00	Kalibari Road/ Sarnopatti Road	Road_Pucca	Tertiary	Existing	60.770	16	Widening	Phase 1	Ward 06
T297	0.00			Tertiary	Existing	51.653	16	Widening	Phase 1	Ward 06
T305	3.00	City College Road	Road_Pucca	Tertiary	Existing	763.101	16	Widening	Phase 1	Ward 04
T309	3.30	Gochar Road	Road_Pucca	Tertiary	Existing	586.255	16	Widening	Phase 1	Ward 05

### 11.3.11.2 Parking place

Table-11.14: List of proposed parking places in Narail Paurashava

Parking ID	Ward No	Location
Parking 01	Ward 05	Infront of Police Super Office
Parking 02	Ward 06	Residential model School, Rugganj Bazar
Parking 03	Ward 05	Near Telephone Bhaban, Rugganj Bazar
Parking 04	Ward 01(Ext)	Near BRD Ideal School
Parking 05	Ward 04	Zail Road
Parking 06	Ward 04	Infront of Upazila Technical School & college
Parking 07	Ward 07	Machimdia, Narail-Kalna Road

### 11.3.11.3 Footpath

The consult has been proposed 6.521 km of footpath for Narail Paurashava, which will implement within the first five year of master plan. The consultant has been proposed 0.296 km of footpath for Ward 01, .718 km for Ward 02, 1.922 km for Ward 05 and 3.585 km for Ward 06 to implement with in the first phase.

### 11.3.11.3 Bus-Bay

Table-11.15: List of proposed Bus-bays in Narail Paurashava

Proposed ID	Ward No.	Location
Bus 01	Ward 05	Infront of Bus terminal
Bus 02	Ward 05	Vaukhalia
Bus 03	Ward 05	Near Narail Sadar Hospital
Bus 04	Ward 04	Durgapur Dumur Tola
Bus 05	Ward 01	Raghunathpur
Bus 06	Ward 01	Magura Road
Bus 07	Ward 07(ext)	Mulia Road
Bus 08	Ward 06	Zila Primary Education Office
Bus 09	Ward 08	Dhopa Khola Bramman Danga
Bus 10	Ward 08	Uzirpur
Bus 11	Ward 01(Ext)	Ghora Khali Ghat Road
Bus 12	Ward 08(Ext)	Narail Gobra Main Road

### 11.3.12 Bridge and Culvert

Following are the phase-wise proposed culverts in Narail Paurashava:

Table-11.16: Phase wise List of Proposed culverts in Narail Paurashava

Ward No.	Phase 1	Phase 2	Phase 3	Phase 4	Total
Ward 01	12	3	5		20
Ward 01(Ext)	8	3	1		12
Ward 02	5	2	1	3	11
Ward 03	4	2	4	3	13
Ward 04	16	5	4	12	37
Ward 05	18	2	0	7	27
Ward 06	6	5	3	1	15
Ward 06(Ext)	1	1	2	1	5
Ward 07	4	2	3		9
Ward 07 (Ext)	10		6	1	17
Ward 08	6	6	4	6	22
Ward 09	20	2	7	1	30
Total	110	33	40	35	218

### 11.3.13 Drainage

Table-11.17: List of Proposed Secondary Drains of Nrail Paurashava

Proposed ID	Length (m)	Existing Type	Existing Drain Width(m)	Ward No.	Proposed type	Proposed width(m)	Outfall	Phase No.	Remarks
W1S1	1151.29		0.00	Ward 01	Secondary	1.50	W4S4d	Phase 1	Proposed
W1S2	802.68		0.00	Ward 01	Secondary	1.50	W4S1	Phase 1	Proposed
W1eS1	1365.25		0.00	Ward 01(Ext)	Secondary	1.50	W1eS4	Phase 1	Proposed
W1eS2	819.64		0.00	Ward 01(Ext)	Secondary	1.50	W1eS1	Phase 1	Proposed
W2S1	1798.10		0.00	Ward 02	Secondary	1.50	W2S3	Phase 1	Proposed
W2S2	1178.71		0.00	Ward 02	Secondary	1.50	W2S1	Phase 1	Proposed
W3S1	311.03		0.00	Ward 03	Secondary	2.00	W4S6	Phase 1	Proposed
W3S2a	15.03	Drain_Pucca	0.40	Ward 03	Secondary	2.00	W3S1	Phase 1	Proposed
W3S2b	63.78	Drain_Pucca	0.40	Ward 03	Secondary	2.00	W3S2a	Phase 1	Proposed
W3S2c	103.52		0.00	Ward 03	Secondary	2.00	W3S2b	Phase 1	Proposed
W3S2d	109.89	Drain_Katcha	0.40	Ward 03	Secondary	2.00	W3S2c	Phase 1	Proposed
W3S2e	38.22	Drain_Katcha	0.40	Ward 03	Secondary	2.00	W3S2d	Phase 1	Proposed
W3S2f	140.85	Drain_Katcha	0.40	Ward 03	Secondary	2.00	W3S2e	Phase 1	Proposed
W4S1	1238.80		0.00	Ward 04	Secondary	2.00	W5S4	Phase 1	Proposed
W4S2	507.97		0.00	Ward 04	Secondary	2.00	W5S5	Phase 1	Proposed
W5S12	860.73		0.00	Ward 05	Secondary	2.60	Waste Water Treatment Plant	Phase 1	Proposed
W5S1a	44.23	Drain_Pucca	0.40	Ward 05	Secondary	2.60	Chitra River	Phase 1	Proposed
W5S1b	570.40	Drain_Pucca	0.40	Ward 05	Secondary	2.60	W5S1a	Phase 1	Proposed
W5S1c	78.87	Drain_Katcha	0.40	Ward 05	Secondary	1.50	W5S1b	Phase 1	Proposed
W5S1d	134.50		0.00	Ward 05	Secondary	2.60	W5S1c	Phase 1	Proposed
W5S2	759.38		0.00	Ward 05	Secondary	2.60	Waste Water Treatment Plant	Phase 1	Proposed
W6S1a	251.70	Drain_Pucca	0.30	Ward 06	Secondary	1.80	W6S1c	Phase 1	Proposed
W6S1b	18.85	Drain_Pucca	0.30	Ward 06	Secondary	1.50	W6S1a	Phase 1	Proposed
W6S1c	247.90		0.00	Ward 06	Secondary	1.80	W6S8	Phase 1	Proposed
W6S2	192.91		0.00	Ward 06	Secondary	1.80	W6S8	Phase 1	Proposed
W6S7	533.35		0.00	Ward 06	Secondary	1.80	W6S8	Phase 1	Proposed
W6eS1	388.99		0.00	Ward 06(ext)	Secondary	1.50	W6eS2	Phase 1	Proposed
W6eS2	78.15		0.00	Ward 06(ext)	Secondary	1.80	W6S6	Phase 1	Proposed
W7S1a	736.90		0.00	Ward 07	Secondary	1.50	W6S4c	Phase 1	Proposed
W7S1b	62.14		0.00	Ward 07	Secondary	1.50	W7S1a	Phase 1	Proposed
W7S2a	128.31	Drain_Pucca	2.00	Ward 07	Secondary	1.50	W7S2b	Phase 1	Proposed
W7S2b	229.27	Drain_Pucca	1.00	Ward 07	Secondary	1.50	Chitra River	Phase 1	Proposed
W7eS1b	238.63		0.00	Ward 07(ext)	Secondary	1.50	W7eS1b	Phase 1	Proposed

Proposed ID	Length (m)	Existing Type	Existing Drain Width(m)	Ward No.	Proposed type	Proposed width(m)	Outfall	Phase No.	Remarks
W7eS1b	309.03		0.00	Ward 07(ext)	Secondary	1.50	W6eS1	Phase 1	Proposed
W7eS2	983.68		0.00	Ward 07(ext)	Secondary	1.50	W7eS3a	Phase 1	Proposed
W8S1	694.71		0.00	Ward 08	Secondary	1.50	W8S3	Phase 1	Proposed
W8S2	1034.68		0.00	Ward 08	Secondary	1.50	W8S3	Phase 1	Proposed
W9S1	2111.45		0.00	Ward 09	Secondary	1.50	W7S5	Phase 1	Proposed
W9S2	1165.36		0.00	Ward 09	Secondary	1.50	W9S1	Phase 1	Proposed

Table-11.18: List of Proposed Tertiary Drains in Narail Paurashava

Proposed ID	Length (m)	Ward No.	Proposed type	Proposed width(m)	Outfall	Phase No.	Remarks
W1t1	303.83	Ward 01	Tertiary	1.30	W1S1	Phase 1	Proposed
W1t2	556.30	Ward 01	Tertiary	1.00	W1S3	Phase 1	Proposed
W1t3	274.66	Ward 01	Tertiary	1.30	W1S1	Phase 1	Proposed
W1t6	742.23	Ward 01	Tertiary	1.00	W1t6	Phase 1	Proposed
W1t7	202.55	Ward 01	Tertiary	1.30	W1S1	Phase 1	Proposed
W1et4	449.09	Ward 01(Ext)	Tertiary	1.30	W1eS3	Phase 1	Proposed
W1et5	654.69	Ward 01(Ext)	Tertiary	1.30	W1eS2	Phase 1	Proposed
W2t1	201.83	Ward 02	Tertiary	1.00	W2S1	Phase 1	Proposed
W2t2	538.13	Ward 02	Tertiary	1.00	W2S1	Phase 1	Proposed
W2t3	216.58	Ward 02	Tertiary	1.00	W2t3	Phase 1	Proposed
W2t4	585.74	Ward 02	Tertiary	1.00	W2S1	Phase 1	Proposed
W2t5	1104.81	Ward 02	Tertiary	1.00	W2S2	Phase 1	Proposed
W3t1	269.58	Ward 03	Tertiary	1.00	W3Ex13	Phase 1	Proposed
W3t11	131.58	Ward 03	Tertiary	1.00	W3Ex13	Phase 1	Proposed
W3t2	148.26	Ward 03	Tertiary	1.00	W3Ex12	Phase 1	Proposed
W3t3	269.47	Ward 03	Tertiary	1.00	W3S2f	Phase 1	Proposed
W3t4	313.05	Ward 03	Tertiary	1.00	W3S2f	Phase 1	Proposed
W4t1	127.18	Ward 04	Tertiary	1.00	W4t14	Phase 1	Proposed
W4t10	169.75	Ward 04	Tertiary	1.30	W4S4d	Phase 1	Proposed
W5t1	355.35	Ward 05	Tertiary	1.00	W5S1b	Phase 1	Proposed
W5t2	248.82	Ward 05	Tertiary	0.63	W5S1b	Phase 1	Proposed
W5t4	362.33	Ward 05	Tertiary	1.30	W5S12	Phase 1	Proposed
W5t5	460.81	Ward 05	Tertiary	1.00	W5S2	Phase 1	Proposed
W6t2	301.25	Ward 05	Tertiary	1.00	W5S12	Phase 1	Proposed
W6t4	253.09	Ward 05	Tertiary	1.30	W6S2	Phase 1	Proposed
W6et1	278.38	Ward 06	Tertiary	1.30	W6eS1	Phase 1	Proposed
W6et4	207.05	Ward 06	Tertiary	1.30	W6eS1	Phase 1	Proposed
W6t1	382.83	Ward 06	Tertiary	1.00	W6S7	Phase 1	Proposed
W6t3	181.72	Ward 06	Tertiary	1.00	W6S8	Phase 1	Proposed
W7et5	455.50	Ward 06	Tertiary	1.00	W7eS1b	Phase 1	Proposed
W6et3	238.05	Ward 06(Ext)	Tertiary	1.30	W6eS1	Phase 1	Proposed
W7et1	442.23	Ward 07	Tertiary	1.30	W7eS2	Phase 1	Proposed
W7t2	205.50	Ward 07	Tertiary	0.63	W7S1a	Phase 1	Proposed
W7t5	210.58	Ward 07	Tertiary	0.63	W8S4	Phase 1	Proposed
W9t6	655.72	Ward 07	Tertiary	1.30	W9S1	Phase 1	Proposed
W7et3	237.85	Ward 07(Ext)	Tertiary	1.30	W7eS2	Phase 1	Proposed
W7et4	186.63	Ward 07(Ext)	Tertiary	1.30	W7eS2	Phase 1	Proposed
W8t2	661.68	Ward 08	Tertiary	1.00	W8S1	Phase 1	Proposed
W8t4	692.85	Ward 08	Tertiary	1.00	W8S2	Phase 1	Proposed
W8t6	504.00	Ward 08	Tertiary	1.30	W8S1	Phase 1	Proposed
W9t1	506.92	Ward 09	Tertiary	1.30	W9S1	Phase 1	Proposed
W9t10	122.47	Ward 09	Tertiary	1.30	W9S1	Phase 1	Proposed
W9t11	202.25	Ward 09	Tertiary	1.30	W9S1	Phase 1	Proposed
W9t13	182.71	Ward 09	Tertiary	1.30	W9S2	Phase 1	Proposed
W9t2	346.87	Ward 09	Tertiary	1.30	W9S1	Phase 1	Proposed
W9t3	317.56	Ward 09	Tertiary	1.00	W9S1	Phase 1	Proposed
W9t4	249.28	Ward 09	Tertiary	0.63	W9S1	Phase 1	Proposed
W9t5	203.35	Ward 09	Tertiary	1.30	W9S5	Phase 1	Proposed
W9t7	272.19	Ward 09	Tertiary	1.30	W9S1	Phase 1	Proposed
W9t8	72.47	Ward 09	Tertiary	1.30	W9S1	Phase 1	Proposed
W9t9	111.46	Ward 09	Tertiary	1.30	W9S1	Phase 1	Proposed

Proposed ID	Length (m)	Ward No.	Proposed type	Proposed width(m)	Outfall	Phase No.	Remarks
W5t3	250.33		Tertiary	0.63	W5S6	Phase 1	Proposed

## 11.4 Implementation Guidelines

### 11.4.1 Ward wise Development Proposals and Plans

The Ward Action Plan is prepared for each of the nine Wards and is presented in order of their serial number. The plan is made for implementation within first five years of the Master Plan period of 20 years up to 2030. For each Ward, projects are identified and proposed for development on the basis of priority and a phase-wise implementation plan has been suggested.

#### 11.4.1.1 Development plan proposal of Ward No. 01

Table-11.19: Recommended Facilities in Ward No. 01

Sl. No.	Proposed Facilities	Area (Acre)	Mouza	JI No. (Sheet No.)	Plot ID.	Remarks	Implementing Agency
1	Neighborhood Center Complex	2.635	Durgapur Dumur Tala	075(03)	1402, 1403, 1404, 1413, 1414, 1417		Paurashava, Ministry of Local Government, Rural Development & Cooperatives, Local Government Division
2	Production well and Overhead Tank	1.14	Borosula	49(00)	538, 539, 540		Paurashava, DPHE
3	Surface water treatment plant	11.11	Ragunath Pur	48(02)	310-328		Paurashava, DPHE
4	Community Bin		Durgapur Dumur Tala	075(03)	Adjoining Neighborhood Center Complex		Paurashava, LGED
5	Renewable Energy Center	2.318	Durgapur Dumur Tala	75(03)	112-116, 1400, 1401, 1419		Paurashava, Ministry of Power, Energy & Mineral Resources
6	High School	1.85	Ragunathpur	048(01)	228-232, 236	Edu 01	Paurashava, Ministry of Education
7	Graveyard	2.46	Ragunath Pur	48(02)	407-408, 411,414,416	Reli 01	Paurashava, Ministry of Religious Affairs
8	Playground	1.45	Doljitpur	047(00)	1221-1223		Paurashava, Ministry of Local Government, Rural Development & Cooperatives

Table-11.20: Proposed Primary Roads in Ward No. 01

Proposed ID	Existing Road Width (m)	Road Name	Existing Road Type	Proposed Road Type	Remarks	Length (m)	Proposed Road width (m)	Remarks	Ward no
P25	0.00			Primary	Proposed	549.916	36	New Construction	Ward 01
P26	0.00			Primary	Proposed	3976.735	36	New Construction	Ward 01
P2	5.60	Ghora Khali Ghat Road	Road_Pucca	Primary	Existing	361.307	36	Widening	Ward 01
P7	4.80	Magura Road	Road_Pucca	Primary	Existing	63.012	36	Widening	Ward 01
P19	0.00			Primary	Existing	901.178	36	Widening	Ward 01

**Implementing Agency: RHD**

Table-11.21: Proposed Secondary Roads in Ward No. 01

Proposed ID	Existing Road Width (m)	Existing Road Type	Proposed Road Type	Remarks	Length (m)	Proposed Road width(m)	Remarks	Ward no.
S81	0.00		Secondary	Proposed	548.641	18	New Construction	Ward 01
S1	4.00	Road_Pucca	Secondary	Existing	855.839	18	Widening	Ward 01(Ext)
S2	4.00	Road_Pucca	Secondary	Existing	423.645	18	Widening	Ward 01(Ext)
S3	4.00	Road_Pucca	Secondary	Existing	213.767	18	Widening	Ward 01(Ext)
S4	3.00	Road_Pucca	Secondary	Existing	323.493	18	Widening	Ward 01(Ext)
S5	3.00	Road_Pucca	Secondary	Existing	119.984	18	Widening	Ward 01(Ext)
S52	3.50	Road_Pucca	Secondary	Existing	167.115	18	Widening	Ward 01
S99	3.80	Road_Pucca	Secondary	Existing	457.218	18	Widening	Ward 01

**Proposed footpath in Ward No. 01**

In total, 0.296 km footpath proposes for Ward No. 01. The LGED or Paurashava will implement the footpath within next five year.

Table-11.22: Recommended Transportation Facilities in Ward No. 01

Proposed ID	Ward No.	Location	Implementing Agency
Parking 04	Ward 01(Ext)	Near BRD Ideal School	LGED, Paurashava
Bus 05	Ward 01	Raghunathpur	
Bus 06	Ward 01	Magura Road	
Bus 11	Ward 01(Ext)	Ghora Khali Ghat Road	

Table-11.23: Proposed Bridge and culverts in Ward No. 01

Phase	Ward No.	No. of Culverts	No. of Bridges	Implementing Agency
Phase 01 (2010-2015)	Ward 01	12	0	Paurashava, LGED

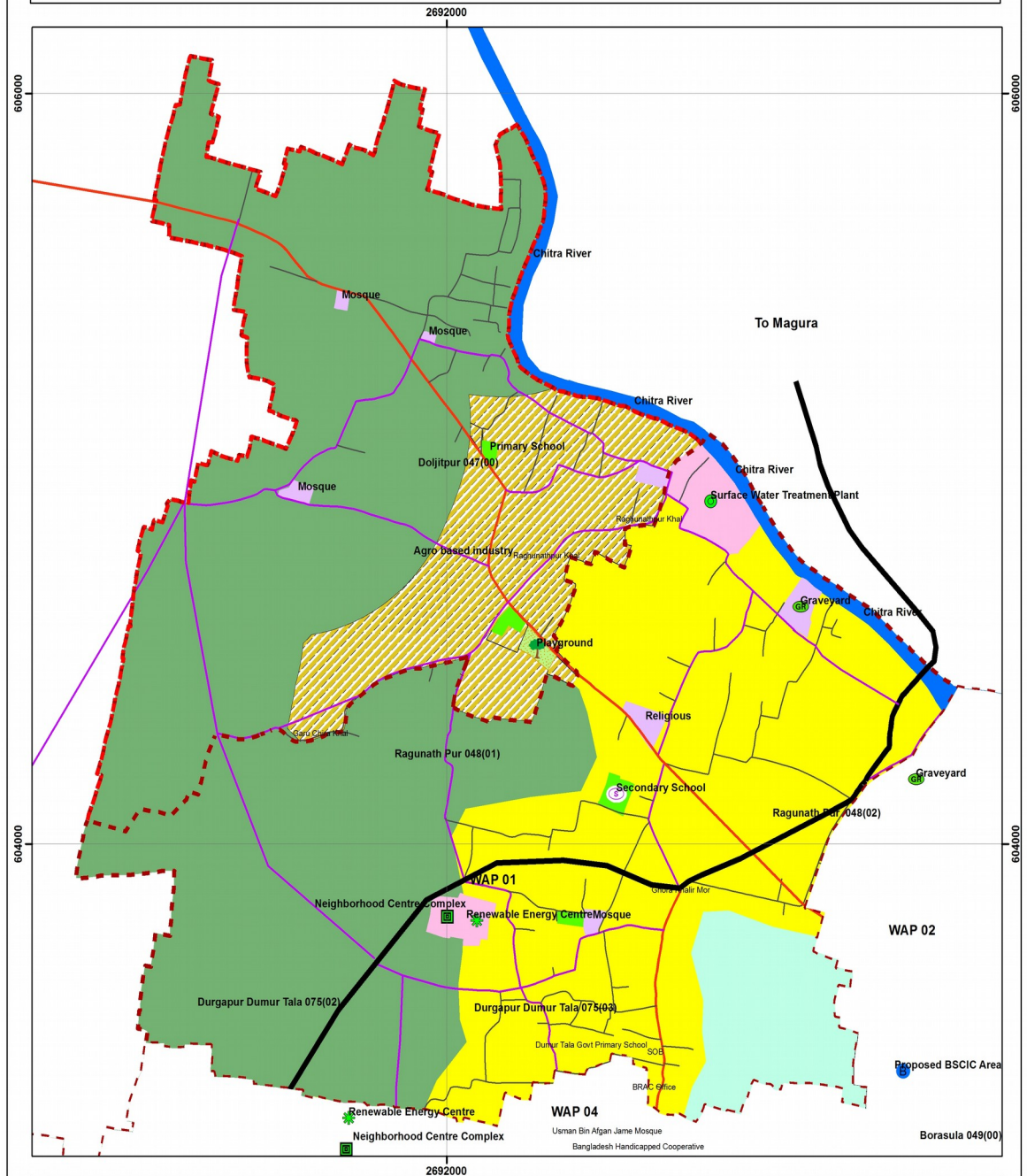
Table-11.24: Proposed Secondary Drains in Ward No. 01

Proposed ID	Length (m)	Existing Drain Width(m)	Ward No.	Proposed type	Proposed width(m)	Outfall	Implementing Agency:	Remarks
W1S1	1151.29	0.00	Ward 01	Secondary	1.50	W4S4d	Paurashava, LGED	Proposed
W1S2	802.68	0.00	Ward 01	Secondary	1.50	W4S1		Proposed
W1eS1	1365.25	0.00	Ward 01(Ext)	Secondary	1.50	W1eS4		Proposed
W1eS2	819.64	0.00	Ward 01(Ext)	Secondary	1.50	W1eS1		Proposed

Table-11.25: Proposed Tertiary Drains in Ward No. 01

Proposed ID	Length (m)	Existing Drain Width(m)	Ward No.	Proposed type	Proposed width(m)	Outfall	Phase No.	Remarks
W1t1	303.83	0.00	Ward 01	Tertiary	1.30	W1S1	Phase 1	Proposed
W1t2	556.30	0.00	Ward 01	Tertiary	1.00	W1S3	Phase 1	Proposed
W1t3	274.66	0.00	Ward 01	Tertiary	1.30	W1S1	Phase 1	Proposed
W1t6	742.23	0.00	Ward 01	Tertiary	1.00	W1t6	Phase 1	Proposed
W1t7	202.55	0.00	Ward 01	Tertiary	1.30	W1S1	Phase 1	Proposed
<b>Implementing Agency:</b> LGED, Paurashava								

Map 11.2: Ward Action Plan of Ward 01 in Narail Paurashava



0 0.1 0.2 0.4 KM

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**Legend**

<ul style="list-style-type: none"> <li> Town Centre</li> <li> Neighborhood Centre Complex</li> <li> Renewable Energy Centre</li> <li> Solid Waste Dumping Site &amp; Recycling Area</li> <li> Surface Water Treatment Plant</li> <li> Proposed Playground</li> <li> Proposed Water base Park and boating place</li> <li> Proposed Animal Hospital &amp; Research Centre</li> <li> Proposed Central Graveyard</li> <li> Proposed College</li> <li> Proposed Eidgah</li> <li> Proposed Graveyard</li> <li> Proposed Medical College</li> <li> Proposed Primary School</li> <li> Proposed Secondary School</li> </ul>	<ul style="list-style-type: none"> <li> Bus Terminal Complex</li> <li> Truck Terminal Complex</li> <li> General Industrial Zone spatially Jute industry</li> <li> Proposed BSC Area</li> <li> Noxious Industrial Zone</li> <li> Project Boundary</li> <li> Ward Boundary</li> <li> Primary</li> <li> Secondary</li> <li> Tertiary</li> <li> Access</li> </ul>	<p><b>Proposed Land Use</b></p> <ul style="list-style-type: none"> <li> Administrative</li> <li> Agricultural</li> <li> Commercial Area</li> <li> Community Facilities</li> <li> Educational Area</li> <li> General Industrial Area</li> <li> Health Services</li> <li> Mixed use</li> <li> Noxious Industrial Area</li> <li> Open Space and Recreational</li> <li> Residential</li> <li> Defense &amp; Security</li> <li> Transportation &amp; Communication</li> <li> Urban Deferred Area</li> <li> Utility Services</li> <li> Water bodies</li> </ul>
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