

Land Level of the planning area

Ward No.	Minimum Height (Meter)	Maximum Height (Meter)	Average Height (Meter)
1	0.416	8.968	5.889
2	0.376	8.319	5.700
3	0.923	9.173	5.504
4	0.676	8.880	6.746
5	0.931	9.527	6.675
6	1.353	8.995	7.296
7	1.566	11.272	6.433
8	1.106	9.676	7.037
9	1.256	9.434	7.071

Avg. height: 6.22 m

Minimum height: 0.38 m (in Ward No. 2)

Maximum height: 11.27 m (in Ward No. 7)

Ward-wise land level of the Magura Paurashava

Ward No.	Frequencies of observation	Minimum Height (Meter)	Maximum Height (Meter)	Average Height (Meter)
1	88586	0.416	8.968	5.889
2	36823	0.376	8.319	5.700
3	66463	0.923	9.173	5.504
4	24103	0.676	8.880	6.746
5	32637	0.931	9.527	6.675
6	18437	1.353	8.995	7.296
7	77552	1.566	11.272	6.433
8	33770	1.106	9.676	7.037
9	4724	1.256	9.434	7.071
Total	383095			
Average	42566	0.956	9.360	6.483

Existing Road of the Magura Paurashava

Ward No.	Pucca road		Semi-pucca road		Katcha road		Total	
	Length (km)	Area (acre)	Length (km)	Area (acre)	Length (km)	Area (acre)	Length (km)	Area (acre)
1	14.11	12.96	6.51	4.90	15.51	10.36	36.13	28.22
2	11.25	13.00	11.44	7.50	10.42	5.83	33.11	26.42
3	12.80	14.63	6.77	4.47	11.93	7.32	31.50	26.33
4	11.01	11.97	8.50	5.31	4.93	3.17	24.44	20.45
5	5.32	6.98	4.12	2.72	7.47	5.42	16.91	15.12
6	7.81	9.42	5.93	3.77	4.49	3.06	18.23	16.25
7	8.94	7.89	4.32	3.08	18.19	13.09	31.45	24.06
8	14.74	13.90	4.85	2.95	10.86	6.68	30.45	23.53
9	14.88	15.28	3.99	2.19	2.90	1.53	21.77	19.00
Extended area	1.45	1.81	1.00	0.65	3.91	2.79	6.36	5.25
Total	102.31	107.84	57.43	37.54	90.61	59.25	250.33	204.63

Important roads of the Magura Paurashava

Name of Road	Avg. Width (m)	Length (Km.)
Narail Road	5.50	2.70
Sreepur Road	4.76	3.32
Sayed Atiar Ali Road	9.00	1.00
MR Road	6.89	0.70
Habibpur Road	8.50	0.71
Tenga Khali Road	3.20	3.50
Nijnandoli Tangakhali Road	3.50	0.60
Natun Bazar Road	4.00	0.30
Groathan Road	4.13	1.50

Traffic volume

Bus/minibus - 27.99%

Heavy/light truck 28.45%

Rickshaw/van 28.04%

In Dhaka-Jessore road

Peak hour is 11pm.

(bus/minibus and heavy truck/light truck increases during this time)

Bus/minibus 40.86%

Rickshaw 12.63%.

In Shripur-Magura Road

Dhaka-Jhenaidah Road

Mohammadpur-Magura Road

Rickshaw/van is 49.20, 36.92 and 46.71 respectively

Vehicles in various trips

Vehicle type	Internal trip	Internal to external or external to internal trip	Thorough trip
Truck	2.70%	35.14%	62.16%
Bus	2.63%	36.84%	60.53%
Car/pickup/jeep/microbus	21.88%	31.25%	46.88%
Auto rickshaw/tempo	88.24%	5.88%	5.88%
Motorcycle	77.78%	18.52%	3.70%
Rickshaw/van	100%	-	-
Bicycle	100%	-	-

Road Standard considered

Classification of road	ROW (in meter) for Widening	ROW (in meter) for New Construction
Pourashava primary road	18-24 meter	36-45 meter
Pourashava secondary road	13-16 meter	18-20 meter
Pourashava Tertiary Road	9-12 meter	12-15 meter
Access Road/ Local Road	6-8 meter	6-8 meter
Footpath	2-3 meter	
Bus terminal	<ul style="list-style-type: none"> - Minimum 3 acres per terminal - 3 acres per 1,00,000 Population 	
Truck terminal	Minimum 3 acres per terminal	
Baby taxi/tempo stand	0.5 acre per stand	
Rickshaw stand	0.3 acre per stand	
Water way & Landing Station	Minimum 2 acres for landing station & office	
	For off-shore land: 500 meter on both sides of the landing station	
Rail way & Station	<ul style="list-style-type: none"> - From one home signal to another home signal: length 3,000 feet & width 500 feet - Total land area: 34.72 acres - Minimum land width for establishment of single line: 100 feet for Broad Gage and 90 feet for meter Gauge (considerable average height of the embankment 10 feet) - Minimum land width for establishment of double line: 125 feet for Broad Gage and 115 feet for meter Gauge (considerable average height of the embankment 10 feet) 	
RHD	Road network of RHD within Pourashava will follow as per RHD Rules**	

Source: DTIDP, LGED.

Proposed primary road

Primary road	Location	Proposed length (km.)
Construction of road	Ward-3	11.53
Construction of road	Ward-4	3.30
Construction of road	Ward-5	4.45
Construction of road	Ward-9	10.08

Proposed secondary road

Secondary road	Location	Proposed length (km.)
Construction of road	Ward-1	6.23
Construction of road	Ward-2	14.78
Construction of road	Ward-3	4.94
Construction of road	Ward-4	4.45
Construction of road	Ward-5	0.75
Construction of road	Ward-6	3.83
Construction of road	Ward-7	5.17
Construction of road	Ward-8	5.34
Construction of road	Ward-9	4.26
Construction of road	Extended area	0.74

Proposed tertiary road

Tertiary road	Location	Proposed length (km.)
Construction of road	Ward-3	1.25
Construction of road	Ward-4	7.37
Construction of road	Ward-5	1.42
Construction of road	Ward-6	2.76
Construction of road	Ward-7	8.12
Construction of road	Ward-8	3.34
Construction of road	Ward-9	0.98
Construction of road	Extended area	0.73