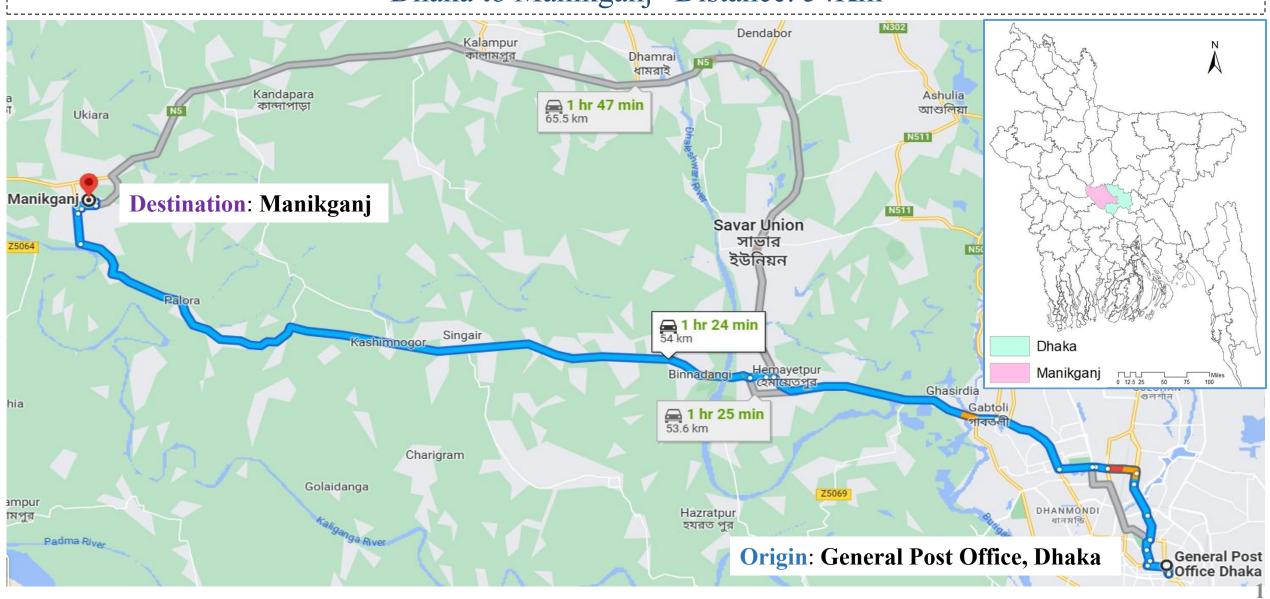
Plan 446-Topic 3: Highway Conditions during Festival. Student ID: 1815002 Fariha Aktar

Dhaka to Manikganj--Distance: 54Km



Journey Time

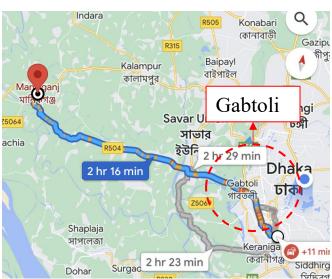
Dhaka to Manikganj

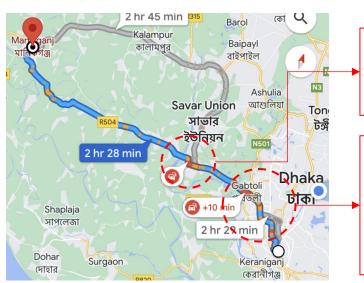
Date \Time	8AM	12Noon	4PM	8PM	12Midnight	Average Time
Saturday, June 24, 2023	2 hours 6 min	1 hour 58min	2 hours 18 min	2 hours 7 min	1 hour 23 min	1 hour 58 min
Sunday, June 25, 2023	2 hours 2 min	2 hours 7 min	2 hours 16 min	1 hour 59 min	1 hour 43 min	2 hours 01 min
Monday, June 26, 2023	1 hour 54 min	2 hours 28 min	2 hour 17 min	2 hours 19 min	1 hour 44 min	2 hours 08 min
Tuesday, June 27, 2023	1 hour 48 min	2 hour 3 min	2 hours 21 min	2 hours 4 min	1 hour 46 min	2 hours
Wednesday, June 28, 2023	1 hour 49 min	1 hour 47 min	1 hour 53 min	1 hour 42 min	1 hour 13 min	1 hour 40 min
Average Time	1 hour 55 min	2 hour 4 min	2 hour 13 min	2 hour 2 min	1 hour 33 min	

Congestion Points

Date\Time	8AM	12Noon	4PM	8PM	12Midnight	Total
Saturday, June 24, 2023	3	8	5	10	1	27
Sunday, June 25, 2023	4	13	14	5	2	38
Monday, June 26, 2023	2	9	13	6	7	37
Tuesday, June 27, 2023	3	5	6	7	1	22
Wednesday, June 28, 2023	4	2	1	3	0	10
Total	16	37	39	31	11	

No Dark **Red Points**





June 25, 4PM

Congestion at Hemayetpur Crossing

Reason: Increased journey during eid. The cattle market and the vehicle turnaround.

Congestion at Gabtoli

Reason: Increasing amount of vehicles on the road due to cattle market and the bus terminal has created a traffic congestion in Dhaka's Gabtoli area. (Dhaka Tribune, June 26 2023)

Journey Time

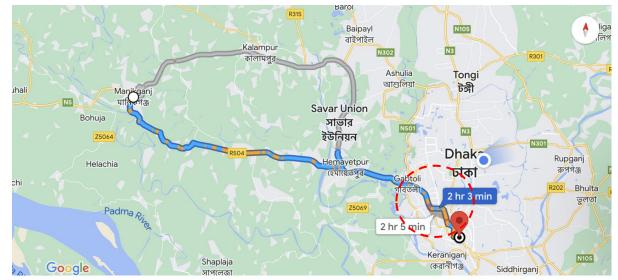
| Manikganj | to Dhaka

Da	nte\Time	8AM	12Noon	4PM	8PM	12Midnight	Average Time
	Friday, June 30, 2023	1 hour 40 min	1 hour 30 min	1 hour 54 min	1 hour 58 min	1 hour 39 min	1 hour 44 min
	Saturday, July 1, 2023	1 hour 57 min	1 hour 59 min	1 hour 57 min	1 hour 31 min	1 hour 30 min	1 hour 46 min
	Sunday, July 2, 2023	2 hours 1 min	1 hour 55 min	1 hour 28 min	1 hour 32 min	1 hour 18 min	1 hour 38 min
	Monday, July 3, 2023	1 hour 57 min	1 hour 58 min	1 hour 17 min	1 hour 53 min	1 hour 19 min	1 hour 40 min
	Tuesday, July 4, 2023	2 hours	2 hours 3 min	2 hours 1 min	2 hours	1 hour 37 min	1 hour 57 min
A	verage Time	1 hour 55 min	1 hour 53 min	1 hour 43 min	1 hour 46 min	1 hour 28 min	

Congestion Points

Date\Time	8AM	12Noon	4PM	8PM	12Midnight	Total
Friday, June 30, 2023	1	0	3	3	4	11
Saturday, July 1, 2023	3	5	2	2	1	13
Sunday, July 2, 2023	7	6	0	2	0	15
Monday, July 3, 2023	4	2	3	3	0	12
Tuesday, July 4, 2023	6	5	6	4	3	24
Total	21	18	14	14	8	

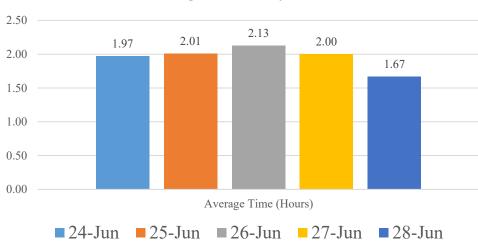
No Dark Red Points



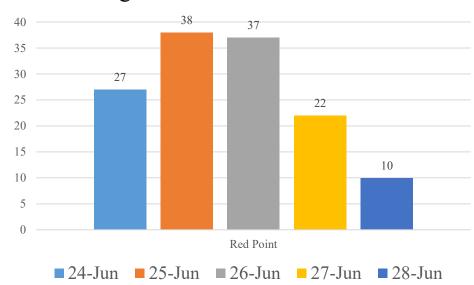
July 4, 12 Noon

Highway Conditions before Eid (Dhaka to Manikganj)

Average Journey Time

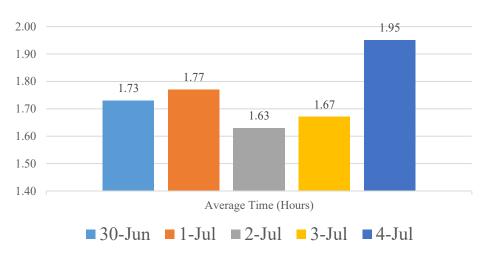


Congestion Points on the Route

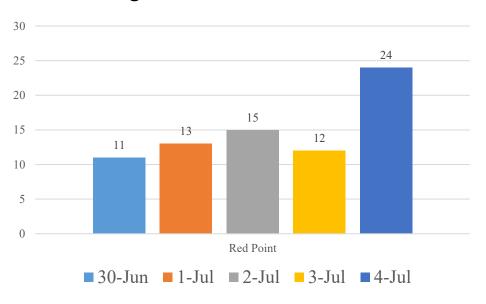


Highway Conditions after Eid (Manikganj to Dhaka)

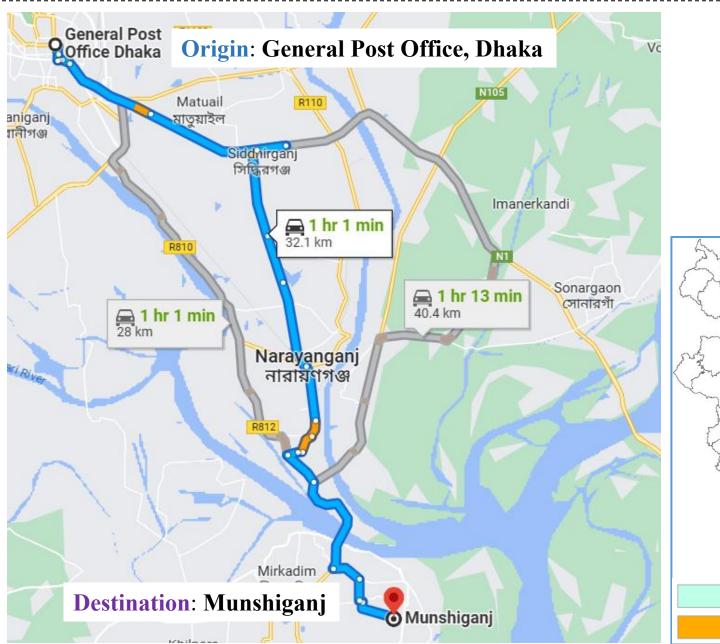
Average Journey Time

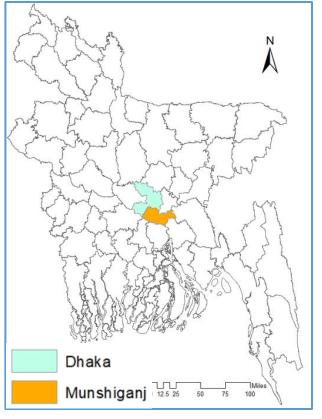


Congestion Points on the Route



Dhaka to Munshiganj--Distance: 32Km





Dhaka to Mushiganj

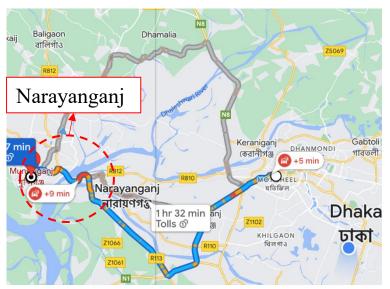
Journey Time

l	Date\Time	8AM	12Noon	4PM	8PM	12Midnight	Average Time
i	Saturday, June 24, 2023	1 hours 13 mins	1 hour 18 mins	1 hour 15 mins	1 hour 22 mins	1 hour 3 mins	1 hour 14 mins
	Sunday, June 25, 2023	1 hour 17 mins	1 hour 20 mins	1 hour 22 mins	1 hour 20 mins	1 hour 2 mins	1 hour 16 mins
	Monday, June 26, 2023	1 hour 14 mins	1 hour 22 mins	1 hour 21 mins	1 hour 25 mins	1 hour 15 mins	1 hour 19 mins
	Tuesday, June 27, 2023	1 hour 26 mins	1 hour 23 mins	1 hour 27 mins	1 hour 26 mins	1 hour 11 mins	1 hour 22 mins
	Wednesday, June 28, 2023	1 hour 13 mins	1 hour 19 mins	1 hour 26 mins	1 hour 18 mins	1 hour 4 mins	1 hour 16 mins
	Average Time	1 hour 16 mins	1 hour 20 mins	1 hour 22 mins	1 hour 22 mins	1 hour 7mins	

Congestion Points

Date\Time	8AM	12Noon	4PM	8PM	12Midnight	Total
Saturday, June 24, 2023	3	4	2	2	3	14
Sunday, June 25, 2023	4	5	7	7	3	26
Monday, June 26, 2023	2	6	5	9	7	29
Tuesday, June 27, 2023	5	9	5	10	2	31
Wednesday, June 28, 2023	3	5	5	3	0	16
Total	17	29	24	31	15	

No Dark Red Points





Congestion at Narayanganj

Reason: Increased number of vehicles during eid, at narayanganj. Congestion due to cattle market.

Tolls at Mayor Mohammed Hanif Flyover

Congestion at Jatrabari

Reason: Increased number of vehicles during eid, bus terminal at jatrabari. Congestion due to cattle market.

June 27, 4PM

June 27, 8PM

Journey Time

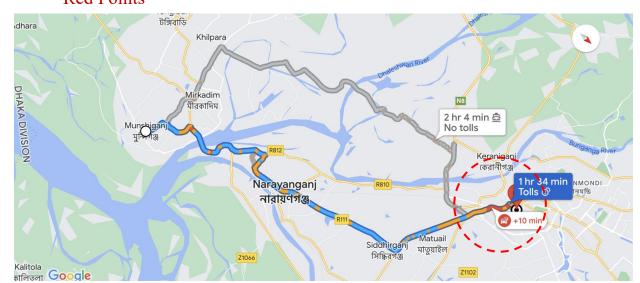
Munshiganj
to Dhaka

	Date \Time	8AM	12Noon	4PM	8PM	12Midnight	Average Time
I	Friday, June 30, 2023	1 hour 9 mins	1 hour 11 mins	1 hour 27 mins	1 hour 6 mins	1 hour 22 mins	1 hour 15 mins
i	Saturday, July 1, 2023	1 hour 19 mins	1 hour 20 mins	1 hour 34 mins	1 hour	1 hour 1 min	1 hour 14 mins
	Sunday, July 2, 2023	1 hour 21 mins	1 hour 20 mins	1 hour 17 mins	1 hour 14 mins	1 hour 2 mins	1 hour 14 mins
	Monday, July 3, 2023	1 hour 23 mins	1 hour 17 mins	1 hour 15 mins	1 hour 21 mins	57 mins	1 hour 12 mins
	Tuesday, July 4, 2023	1 hour 18 mins	1 hour 12 mins	1 hour 25 mins	1 hour 25 mins	1 hour 10 mins	1 hour 18 mins
	Average Time	1 hour 17 mins	1 hour 16 mins	1 hour 23 mins	1 hour 13 mins	1 hour 6 mins	

Congestion Points

Date\Time	8AM	12Noon	4PM	8PM	12Midnight	Total
Friday, June 30, 2023	2	3	5	1	3	14
Saturday, July 1, 2023	3	3	4	1	1	12
Sunday, July 2, 2023	2	4	4	5	4	19
Monday, July 3, 2023	4	4	2	6	2	18
Tuesday, July 4, 2023	4	3	6	7	4	24
Total	15	17	21	20	14	_

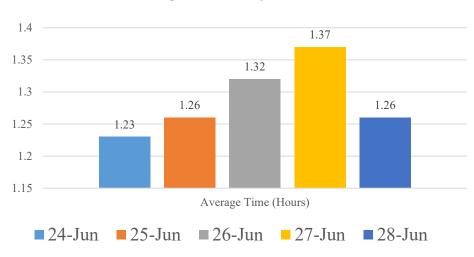
No Dark Red Points



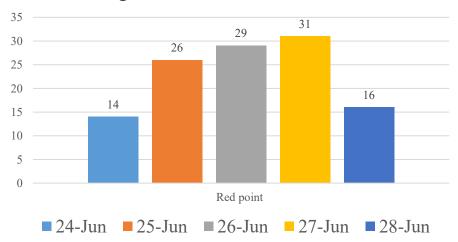
July 1, 4PM

Highway Conditions before Eid (Dhaka to Munshiganj)

Average Journey Time

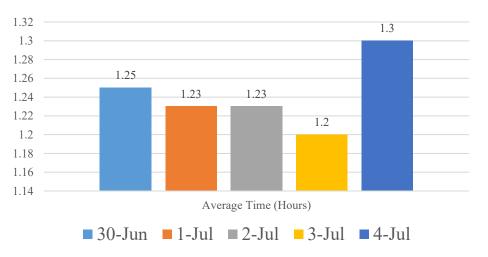


Congestion Points on the Route



Highway Conditions after Eid (Munshiganj to Dhaka)

Average Journey Time



Congestion Points on the Route

