

# TRAFFIC

## SAFETY



**D**ON'T DRINK & DRIVE

IF YOU GOT A HEAD,  
YOU NEED  
HELMET!



U WISH!

ZEBRA CROSSING



**SAFETY FIRST  
SPEED LAST!**



**FOLLOW**  
TRAFFIC RULES

GROUP - 2

Punyashree, Priya, Bipin, Prarthana, Samruddhi,  
Aasim, S



# ROAD INFOGRAPHICS

## SAFETY TIPS

TAKE  
FREQUENT  
REST BREAKS



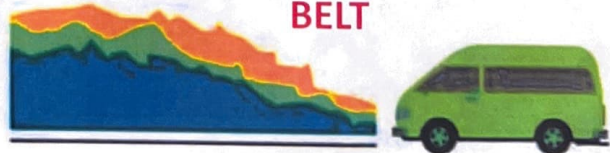
DO NOT DRINK AND DRIVE



ENSURE YOUR  
VEHICLE IS  
ROADWORTHY



PUT CHILDREN IN CAR SEATS  
AND ALWAYS WEAR A SEAT  
BELT



SPEED LIMIT



CHECK YOUR TIRE TREADS



# TRAFFIC AWARENESS

BHAVANA D PRAKASH  
SHUBHASHREE  
SYED KASHIF

SHREYAS  
PRITHVIN  
DEEKSHITHA



Q1. WHO MADE TRAFFIC RULES IN INDIA?

- A. DEPARTMENT OF TRAFFIC ENFORCEMENT
- B. THE MINISTRY OF ROAD TRANSPORT AND HIGHWAY
- C. ROAD SAFETY DIVISION
- D. NONE OF THE ABOVE

Q4. WHAT DOES SECTION 129 UNDER MOTOR VEHICLES ACT 1988 TELL US?

- A. DO NOT USE MOBILE PHONE WHILE DRIVING
- B. HELMET SHOULD BE WORN
- C. SEAT BELT MUST BE WORN
- D. LICENSE MUST BE CARRIED WHILE DRIVING

Q7. WHAT DOES THE BROKEN YELLOW LINE INDICATE ON THE ROAD?

- A. OVERTAKE
- B. HEAVY VEHICLES ONLY
- C. TO STAY
- D. DIVERSION

Q10. What is the maximum legal blood alcohol concentration (BAC) limit for driving in many countries?

- A. 0.05%
- B. 0.08%
- C. 0.10%
- D. 0.15%

Q13. What is the purpose of an airbag in a vehicle?

- A. To provide a comfortable ride
- B. To enhance fuel efficiency
- C. To prevent collisions
- D. To protect occupants during a collision

Q2. WHAT DOES THIS SIGN INDICATE?

- A. THERE IS A THEIF ON THE ROAD
- B. A WORKER IS WORKING ON THE ROAD
- C. THE ROAD AHEAD IS CLOSED
- D. EMPLOYEE IS ASKING TO PARK VEHICLES



Q5. WHAT DOES THE BELOW SIGN INDICATE?

- A. ACCESS TO VEHICLES UP TO 3.5M HEIGHT
- B. ACCESS TO VEHICLES UP TO 3.5M IN LENGTH
- C. BOTH OF THE ABOVE ARE WRONG
- D. BOTH OF THE ABOVE ARE RIGHT



Q8. What should you do when approaching a pedestrian crossing?

- A. Speed up to get through quickly
- B. Sound your horn to alert pedestrians
- C. Slow down and yield to pedestrians
- D. Proceed without stopping

Q11. What should you do when encountering an aggressive driver on the road?

- A. Engage in aggressive behavior as well
- B. Honk and yell at them
- C. Maintain calm and distance yourself from them
- D. Block their path to teach them a lesson

Q14. What does the sign indicate?

- A. Width limit
- B. Length limit
- C. Height limit
- D. Speed limit



Q3. HOW ALWAYS THE WARNING SIGNS ARE?

- A. IN A CIRCLE
- B. IN A SQUARE
- C. IN A HEXAGON
- D. IN A TRIANGLE

Q6. NO PERSON SHALL BE ISSUED A LEARNER'S LICENSE TO DRIVE A TRANSPORT VEHICLE UNLESS HE HAS HELD A LIGHT VEHICLE DRIVING LICENSE OF ATLEAST \_\_\_\_\_ DURATION UNDER THE MOTOR VEHICLES ACT 1988

- A. 6 MONTHS
- B. 3 MONTHS
- C. 1 YEAR
- D. 9 MONTHS

Q9. What is the purpose of wearing a seat belt in a vehicle?

- A. To look fashionable
- B. To keep the vehicle clean
- C. To prevent motion sickness
- D. To enhance safety in case of a collision

Q12. WHAT DOES THE BELOW SIGN INDICATE?

- A. Work in progress
- B. Road closed
- C. No parking
- D. U turn



Q15. What should you do if you witness a hit-and-run incident?

- A. Chase after the vehicle to gather more information
- B. Post about it on social media immediately
- C. Note down the vehicle's description and license plate number
- D. Ignore it and continue driving

BY : AMOOLYA, DHANUSH, SADA, HARSHITA & BHAVIKA



# TRAFFIC ANALYSIS

## Location:

8, 1, Sankey Rd, Palace Guttahalli,  
Bengaluru, Karnataka 560003.

## CONNECTIVITY

1. The point of the traffic that we are studying is an intersection that goes towards Guttahalli Main Road and Sankey Road and to the road that goes towards the city.
2. The point is in proximity to Sadashiva Nagar which is a posh residential area which is home to many celebrities and prominent personalities.
3. The point is in proximity to a lot of commercial properties which includes car showrooms, banks, restaurants etc...
4. It's a key junction connecting several important roads, including Sankey Road and Bellary Road, leading to areas like Sadashivanagar, Vyalikaval, and Malleshwaram.
5. Due to its central location, the traffic can be slow-moving, particularly during office hours and weekends.
6. Nearest metro is Kuvempu Road which is 4.3kms away and Kempegowda International Airport is 33kms away and it is a major roadway to the airport from the city

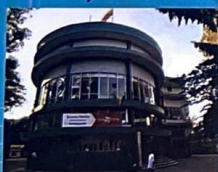
This is the junction  
that we are studying

## SURROUNDING BUILDINGS

National Tuberculosis  
Institute



Cauvery Theatre



HP Petrol Pump



ITC Windsor- 4kms



Sadashiva Nagar-750m from intersection



Palace Grounds-750m

## DESIGN SOLUTION



Signal Jumping: Drivers frequently jump signals at busy intersections, leading to confusion and accidents.



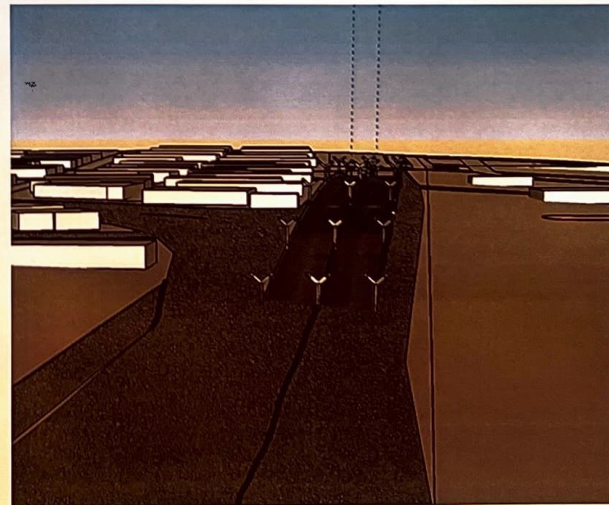
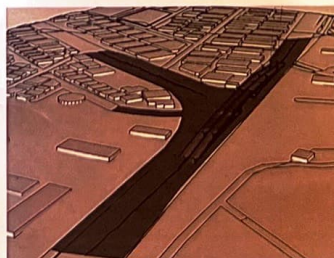
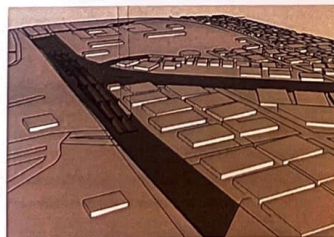
Lack of Proper Signage: Insufficient road signage and lane markings contribute to traffic mismanagement.



Frequent U-turns: Vehicles making U-turns on narrow roads add to traffic delays and blockages.



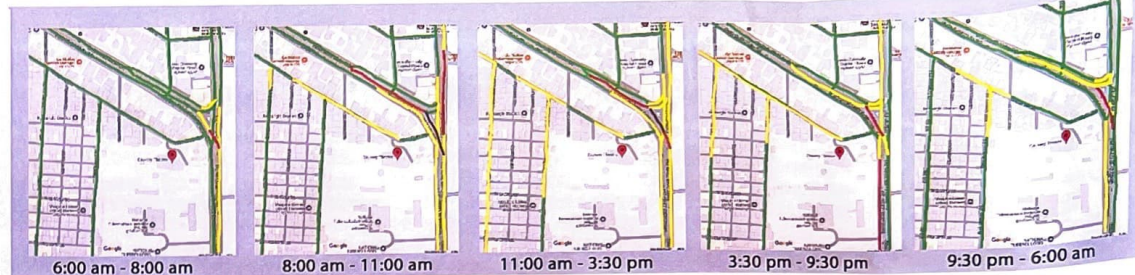
Rush Hour Congestion: Traffic is particularly severe during office rush hours, both in the morning and evening.



## Reasons for proposing a flyover:

1. For people travelling towards Airport road or Bangalore Palace side they can take up the flyover reducing the number of vehicles passing down, thus reducing the traffic at the junction.
2. During monsoon season the underpass will get flooded and will be closed due to drainage issues so the Sankey tank road will be accessible under the flyover thus not disturbing the flow of vehicles towards Airport road and towards Golf course road.
3. We have extended the width of the road on either sides thus letting more vehicles pass through it easily.
4. Traffic signals are provided under the flyover for controlling vehicular movements.

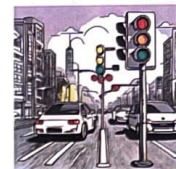
ANATHAVISHNU S R  
MANASI SHANBHAG  
ZIAULLAH  
SNEHA S  
VILEKHA S  
YATISH M K



## PROBLEMS IN SITE



Narrow Roads: The roads near Cauvery Theatre are narrow, making it difficult to handle the volume of traffic.



Heavy Traffic Flow: Due to the proximity to major commercial hubs, there is consistently high vehicular traffic.



Pedestrian Movement: Heavy pedestrian movement near the theatre slows down vehicular traffic.



Bottleneck at Junctions: The junction near the theatre often creates a bottleneck, leading to long delays.



Public Transport: Numerous buses stopping at nearby bus stops cause frequent traffic jams.

## SOLUTIONS

1. WELL DRAINED UNDERPASS
2. BRIDGE TO HAVE A DIRECT PATHWAY
3. ROAD WIDENING

