

IN THE HIGH COURT OF GUJARAT AT AHMEDABAD**R/WRIT PETITION (PIL) (WRIT PETITION (PIL)) NO. 50 of 2024**

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SUO MOTU

Versus

STATE OF GUJARAT, HOME DEPARTMENT, THROUGH SECRETARY &
ORS.

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Appearance:

LAW OFFICER BRANCH(420) for the Applicant(s) No. 1

MR PR ABICHANDANI(102) for the Applicant(s) No. 1

MR. KAMAL B. TRIVEDI, AG WITH MR. VINAY BAIRAGARA. AGP for the
Opponent(s) No. 1

MR. G.H.VIRK, ADV. WITH MS. HETLA PATEL, AGP WITH MR. SIMRANJIT

H. VIRK MR SIMRANJITSINGH H VIRK(11607) for the Opponent(s) No. 5,6

MR. MAULIK G. NANAVATI FOR NANAVATI & CO.(7105) for the

Opponent(s) No. 11

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**CORAM:HONOURABLE THE CHIEF JUSTICE MRS. JUSTICE SUNITA
AGARWAL**

and

HONOURABLE MR.JUSTICE D.N.RAY**Date : 30/04/2026****ORAL ORDER****(PER : HONOURABLE THE CHIEF JUSTICE MRS. JUSTICE SUNITA AGARWAL)**

In compliance of the order dated 27.02.2026, an affidavit dated 28th April, 20260 filed by the Principal Secretary, Home Department, Government of Gujarat, has been placed before us, wherein it is stated that in order to conduct a study to assess the needs and to optimise the manpower required for the traffic management with the aid of technological tools, a Memorandum of Understanding (MoU) has now been signed on 14.03.2026, by and between the Gujarat Police and the Sardar Vallabhbhai National

Institute of Technology (SVNIT), Surat. The primary objective of the said MoU is to undertake comprehensive research titled “Safety and Risk Analytics for Knowledge, Spatiotemporal Trend Analysis, Hotspot Detection, and Data Driven Proactive Assessment” and the Department of Civil Engineering at Sardar Vallabhbhai National Institute of Technology (SVNIT) is spearheading the aforementioned research project. It is submitted that the said project is being sponsored by the Gujarat Traffic Intelligence & Road Safety Platform (G-TRISP) under the Project SPANDAN, Western Railway Ahmedabad.

2. The primary objective and ambit of aforementioned research project is to develop a robust, integrated platform for traffic intelligence and road safety. This includes advanced geospatial analysis and data analytics to process historical crash data. Furthermore, extracted trajectory data shall be processed to compute Surrogate Safety Measures. These metrics are instrumental in identifying traffic conflicts (including rear-end, crossing, lane-change, and pedestrian conflicts), based on which engineering interventions and roadway design modifications shall be proposed.

3. It is submitted that pursuant to the communication dated 23.03.2026, the Superintendent of Police, State Traffic Branch, Gandhinagar, has requisitioned the Professor and Project Coordinator (Transportation Engineering and Planning Section, DoCE, SVNIT, Surat) to undertake a comprehensive study. The scope of the said mandate includes preparation of a Traffic Deployment Assessment Report for Ahmedabad City covering a 10-15 year horizon, through the application of spatiotemporal analysis and data-driven proactive assessment methodologies. In

response to the Request for Proposal (RFP), the Department of Civil Engineering at Sardar Vallabhbhai National Institute of Technology (SVNIT), in association with DromoLys Research and development Pvt Ltd.- a mobility intelligence entity registered under the Ministry of Corporate Affairs in July 2024 and recognized by DPIIT- has prepared a Technical Proposal. The said proposal aims to develop a scientific and execution-ready methodology for the strengthening of police force in Gujarat.

4. It is submitted that while Ahmedabad City has been designated for the pilot phase, the proposed methodology is engineered for replication across the entire State of Gujarat. The devised methodology is predicated upon five pillars, namely: i.e.,

- Base-year traffic analysis;
- Safety, and enforcement analysis;
- GIS-based operation segmentation;
- Scenario-based 15-year forecasting;
- workload-to-manpower translation and Technology substitution analysis.

5. It is, thus, submitted that as per the Technical Proposal dated 16.04.2026, the study is proposed to be concluded within a period of 8 months.

6. With regard to the stop-gap Arrangement for immediate exigencies pending permanent recruitment, it is placed on record that out of 650 Traffic Brigade (TRB), the Ahmedabad Traffic Trust has concluded the recruitment process for 587 Traffic Brigade (TRB) personnel as of February 2026. These volunteers have completed their requisite training and have been deployed to assist

the Ahmedabad City Traffic Police in managing and mitigating the city's increasing traffic congestion. The remaining personnel are currently undergoing a mandatory training program, which commenced on 25.03.2026 and scheduled to be concluded on stop-gap basis. It is submitted that the induction of these TRB Jawans shall significantly augment the existing strength of the Traffic Police on a stop-gap basis.

Having noted the above, we post the matter on **31.07.2026 at 12 p.m.** to bring the progress on record.

(SUNITA AGARWAL, CJ)

(D.N.RAY,J)

C.M. JOSHI