



Office:
Received by: Janet P. [Signature]
Date: 18 MAY 2026
Time: [Signature]

**COMMITTEE ON PUBLIC TRANSPORTATION AND TRAFFIC
MANAGEMENT
And
COMMITTEE ON RULES, PRIVILEGES, LAWS AND ORDINANCES**

Joint Committee Report
No. PTTM 014-2026 (6th SP)

Subject: A RESOLUTION AUTHORIZING THE CITY MAYOR, HON. STRIKE B. REVILLA, TO SIGN A MEMORANDUM OF AGREEMENT BETWEEN THE UNIVERSITY OF PERPERTUAL HELP SYSTEM DALTA- MOLINO CAMPUS, AND THE CITY GOVERNMENT OF BACOOR REGARDING THE RESEARCH PROJECT ENTITLED: "TRAFFIC SIMULATOR: ANALYSIS AND RECOMMENDATION OF EFFECTS IN TRAFFIC MANAGEMENT STRATEGIES" - [PCR 460-2026](#) dated May 11, 2026

Referred to the Joint Committee on the 42nd Regular Session of the 6th Sangguniang Panlungsod the above-subject matter for appropriate action and recommendation.

INFORMATION:

The city resolution sought to be approved refers to the authority of the City Mayor, Hon. Strike B. Revilla, to sign the Memorandum of Agreement (MOA) with the University of Perpetual Help System DALTA-Molino Campus, the Bacoor Traffic Management Department (BTMD), and the City Government of Bacoor, in relation to a research project entitled, "Traffic Simulator: Analysis and Recommendation of Effects in the Traffic Management Strategies."

In the communication dated March 21, 2026 of the UPHS, the Office of the City Mayor was informed that their (UPHS) team has successfully completed their research study and fully developed an intelligent traffic simulation, thus, UPHS proposes to be authorized to support and collaborate with the BTMD to enable the following:

- Formally coordinate with the BTMD traffic enforcers and personnel.
- Present and demonstrate the full functionality of the Traffic Simulator System.
- Explore opportunities for simulation-based testing, evaluation, integration of the system into Bacoor's traffic management operations.

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As defined, "Traffic Simulator Analysis is a computer-based modeling method used to evaluate, visualize, and optimize transportation networks before implementing physical changes. It identifies bottlenecks and tests traffic management schemes (e.g., signal timing) to reduce congestion, saving costs and informing urban planning decisions."

FINDINGS:

1. Importance/Objective

"Any Logic Simulation modeling provides a Road Traffic Library, enabling traffic flow simulation with the power to deliver the most efficient road traffic engineering and design. Clear visualizations quickly aid development, with density maps highlighting congestion, and animations demonstrating traffic flow and bottlenecks. The freedom to experiment, and the ability to optimize accurate models, with traffic simulation software, provides the best platform for success in road traffic planning and engineering."

2. Financial Requirement

The Memorandum of Agreement has no provision that requires any financial exposure/liability on the part of the City Government of Bacoor.

3. Thesis Writing

The Memorandum of Agreement involves the compliance of the UPHS graduating students in the required submission of thesis.

RECOMMENDATION:

In view of the foregoing, the Honorable Members of the Joint Committee hereby recommend **TO APPROVE** the resolution authorizing the City Mayor, Hon. Strike B. Revilla, to sign the Memorandum of Agreement by and between the University of Perpetual Help System DALTA-Molino Campus, the Bacoor Traffic Management Department (BTMD), and the City Government of Bacoor, for the research project entitled, "Traffic Simulator: Analysis and Recommendation of Effects in the Traffic Management Strategies."

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Republic of the Philippines
Province of Cavite
CITY OF BACOOR
OFFICE OF THE SANGGUNIANG PANLUNGSOD



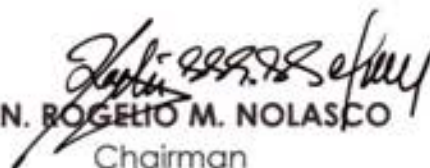
CGBCR-SPBac-F01.05
03/09/2026



WE HEREBY CERTIFY that the contents of the foregoing report are true and correct.

Signed this 14th day of May 2026 at the City of Bacoor, Cavite.

THE COMMITTEE ON PUBLIC TRANSPORTATION AND TRAFFIC MANAGEMENT

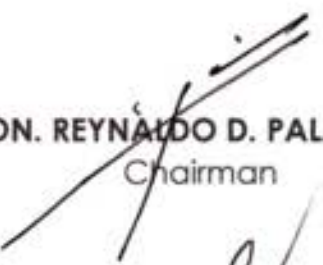

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ROBERTO A. DE GUZMAN

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