

**Traffic Impact Assessment
(Casa Bellissima Subdivision)**

**A Thesis Presented to
The Faculty of the College of Engineering, Architecture and Technology
Civil Engineering
De La Salle University – Dasmariñas**



**In Partial Fulfillment
of the Requirements For the Degree
Bachelor of Science in Civil Engineering**

The seal of De La Salle University - Dasmariñas is a circular emblem with a scalloped border. It features a central shield with a red triangle at the top, a blue triangle at the bottom, and a white cross in the center. The shield is flanked by green laurel branches. Above the shield is a banner with the text 'AKLATANG EMILIO AGUINALDO - INFORMATION RESOURCE CENTER'. Below the shield is another banner with the text 'De La Salle University - Dasmariñas • Since 1977 • Dasmariñas, Cavite, Philippines'.

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Abstract

Traffic Impact Assessment (TIA) is an essential thing for engineers and urban planners to determine the possible effects of a project on the transportation and traffic system. Often, it is applied only to the direct impact area and mitigation for potential negative impacts are specific for the development. This research study presents TIA as a useful tool for local governments, especially for managing traffic and planning their respective transportation systems. With the sudden growth of subdivisions in Imus, Cavite, the daytime number of cars and people in the city has increased. This was not properly accounted for in the early planning process. This paper evaluates the existing and future traffic condition within the Traffic Analysis Zone (TAZ) and assesses the impact of the proposed development (Casa Bellissima subdivision) on the adjacent road network covered by TAZ.

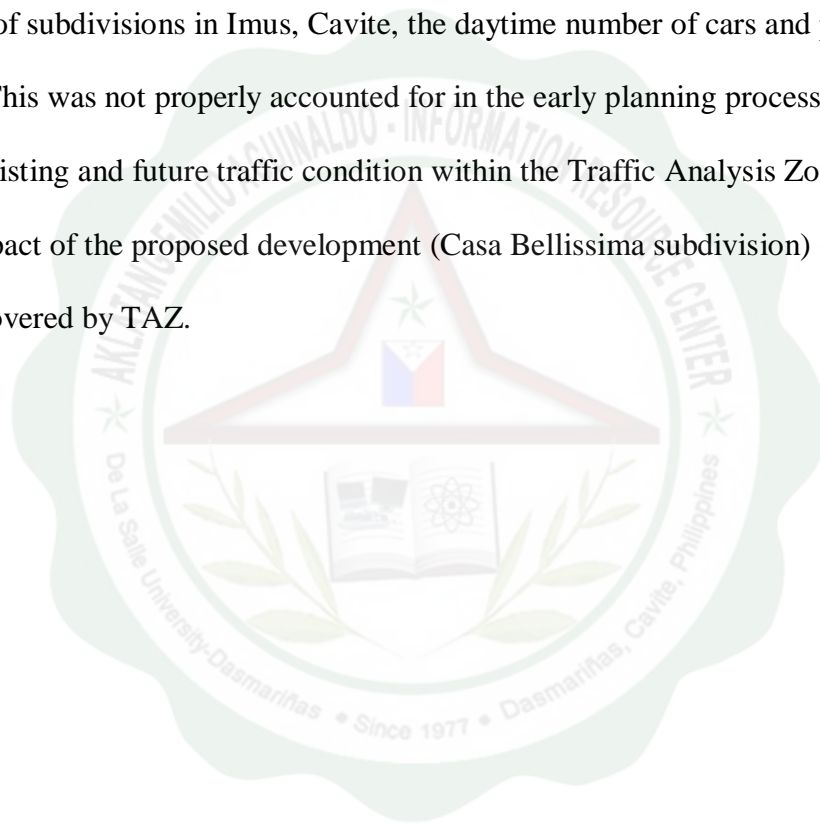


Table of contents

Chapter I: The Problem and Its Background	1
1.1 Introduction	1
1.2 Statement of the Problem	2
1.3 Objectives of the Study	3
1.4 Significance of the study	4
1.5 Scope and Limitations	5
1.6 Research Framework	6
1.7 Definition of Terms	7
Chapter 2: Review of Related Literature	9
2.1 Traffic Analysis Zone (TAZ)	9
2.2 Volume Studies	9
2.2.1 Tallying	9
2.3 Highway Capacity Manual 2000 Edition	10
2.3.1 Un-signalized Intersection	10
2.3.1.1 Two-way Stop-controlled (TWSC)	10
2.3.1.2 Level of Service Criteria	11
2.3.1.3 Priority of Streams	11
2.3.1.4 Conflicting Traffic	12
2.3.1.5 Critical Gap and Follow-up Time	13
2.3.1.6 Potential Capacity	14
2.3.1.7 Vehicle impedance	15
2.3.1.8 Shared-Lane Capacity	16
2.3.1.8.1 Minor-street Approaches	16
2.3.1.9 Queue Length	16
2.3.1.10 Control Delay	17
2.4 Growth Rate	18
2.5 Travel Demand Forecasting	19
2.5.1 Trip Generation	19
2.5.1.1 Trip Generation Rates	19
2.5.2 Trip Distribution	20
2.5.3 Modal Split	20
2.5.4 Trip Assignment	20

Chapter 3: Methodology	21
3.1 Traffic Analysis Zone (TAZ)	22
3.2 Data Gathering	23
3.2.1 Vehicle or Traffic Count	23
3.2.2 Land Use Plan	23
3.2.3 Trip Generation Rates	24
3.2.4 Growth Rate	25
3.2.5 Average Daily Trip (ADT)	25
3.3 Traffic Demand Forecasting	25
3.4 Level of Service	26
3.5 Traffic Impact Analysis	26
Chapter 4: Data Presentation and Analysis	28
4.1 Peak Hour	28
4.2 Existing Conditions	30
4.3 Future Condition (No-Built Condition)	32
4.4 Relation of Subdivision to the Intersections	34
4.5 Future Condition (Built-In Condition)	36
4.6 Summary of Analysis	38
Chapter 5: Summary of Findings, Conclusions and Recommendations	46
5.1 Summary	46
5.2 Conclusion	47
5.3 Recommendation	48
APPENDICES	
APPENDIX A: Traffic and Pedestrian Count	
APPENDIX B: Movements	
APPENDIX C: Tables and Figures of Constant	
APPENDIX D: Land Use Plan	
APPENDIX E: Worksheets in Computations for Present Condition of the Intersections	
APPENDIX F: Worksheets in Computations for Future Condition without of the Intersections	
APPENDIX G: Worksheets in Computations for Built-In Condition	
APPENDIX H: Sample Computations	