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| **MAUNG P. CHAN** |

Etobicoke, Ontario |mpchan09@gmail.com | 647-785-0223 | www.linkedin.com/in/maung-chan

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| SUMMARY OF QUALIFICATIONS |

* Excellent oral and written communication skills developed through communicating road closures with project managers, and contractors
* General knowledge of transportation engineering such as highway design and planning
* Effective in prioritizing, organizing and managing multiple projects to meet deadlines
* Able to work independently and collaboratively with co-workers, managers & supervisors
* Attention to detail in all assignments and work
* Familiarity with MTO Geometric Design Manual (GDM), Ontario Traffic Manual (OTM) and Transportation Association of Canada’s (TAC) “Geometric Design Guide for Canadian Roads” Manual

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| EDUCATION |

**Bachelor of Civil Engineering (Specialization in Transportation) – Ryerson University** April 2019

* Relevant Courses: Traffic Operations and Management, Transportation Planning, Highway Design, Geomatics, GIS, Remote Sensing, Highway Materials, Satellite and Geodesy, Project Management

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| TECHNICAL SKILLS |

SYNCHRO | HCS7 | ArcMap | AutoCAD | MATLAB | Pavement ME Design | MS Word, Excel, Project

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| WORK EXPERIENCE |

**Traffic Technician – Student,** *Ministry of Transportation Ontario (MTO)* **May – August 2018**

* Involved in intersection analyses at Highway 10 and Dufferin County Road and Highway 10 and King Street. The Level of Service (LOS) of the intersections were analyzed, and a field study was done to confirm the results. Recommendations were given that would later be implemented in future dates
* Coordinated highway lane, ramp and shoulder closures in the Central Region with various Project Managers, contractors and coworkers to ensure proper and safe procedures were done that resulted in finished work adhering to the contract
* Surveyed MTO Carpool Parking Lots for utilization and inventories to determine its effectiveness and recommendation for improvements as part of the “Central Region Carpool Lot Survey Report”
* Involved in various projects associating with Vehicular Detection Systems (VDS) and Freeway Traffic Management Systems (FTMS), Turning Movement Counts (TMCs), Speed Studies/Surveys and Roadwork Scheduling and Coordination Unit (RWSCU)
* Utilized PHM-125 drawings, and Ontario Traffic Manuals for planning and locating detour sites

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| RELEVANT PROJECTS |

**Intersection Analysis,** *Ministry of Transportation Ontario (MTO)*

The intersection of Highway 10 and King Street were analyzed, and a field study was conducted to determine if a left turn signal was warranted for the northbound direction by using OTM Book 12 (Traffic Signals).

**Capstone Project: Feasibility of HOT Lane on Hwy 400,** *Ryerson University and WSP*

Improved the lane congestion and reduced emissions on Highway 400 for future projected years through the introduction of a Highway Toll Lane (HOT). Geometric designs of the highway are currently being done to accommodate for the managed lane.