Client Project Submission Form					Civil Engineering Design Course ENGI - 8700 Memorial University		
To be submitted to Instructor: Stephen Bruneau, sbruneau@mun.ca, 864-2119					Faculty of Engineering and Applied Science St. John's NL, Canada A1B 3X5		
CLIENT							
COMPANY	AMEC Environment and Infrastructue address 133 Cr			133 Crosb	sbie Road, St John's, NL, A1B 4A5		
Client Engineer	Linus Kelly	phone	722-7023	li	nus.kelly@amec.com		
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Proposed Project Title A review of facilities for vulnerable road users on the city of St John's road network.							
Description of Project							
To assess the current facilities for vulnerable road users in the City of St John's (pedestrian, a motorcyclist or a bicyclist) including but not limited to sidewalks,							
controlled and uncontrolled crossings.							
Propose areas of concern and/or improvements to the existing facilities for vulnerable road users.							
Requirement of Student Group							
Obtain traffic collision data from the City of St John's and/or the RNC. Analyse the data and identify specific locations on the network with high instances of collisions							
involving vulgerable road users. Identify any trands and causation factors from the collision data. Based on collision data analysis nick intersections and/or							
areas of the network for further investigation. Visit the sites to get a better understanding of any trends or causation factors identified from the collision data.							
Based on existing design guides and/or standards recommed remedial measures for improvements to the existing infrastructure. Prepare basic cost estimates for improvement works.							
COMMENTS, CONDITIONS, RESTRICTIONS QUESTIONS							
Methodology:				_			
				Recomme	endations:	danada	
Literature review:				Identify improvements to facilities using guidelines/standards			
A desktop review of existing local best practice guidelines and design standards				Identify im	Identify improvements applicable to winter conditions		
Lisiss with City of St. John's				Prepare cost estimates for improvements			
Larace with city of ordering and any existing or reports studies carried out for the city.							
rection of any oneang of top				Conclusio	ons :		
				List conclu	isions		
Collision data analysis:			Areas for further research				
Obtain collision data from the city of St John's involving pedestrians.							
Review collision data							
Identify any potential causes and trends in the data							
Poviow							
Identify junctions/areas of concern from collision data trends						[
Visit each site and assess existing facilities for vulnerable road users							
Identify areas for improvement							
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