

Weighting Sheets for Route Evaluation (see Instruction Sheet)

Section 1: Contact Information

Name: _____

Address: _____

Section 2: Weighting Scenario

This weighting scenario is for (check only one):

- Built-up Area Rural Area

Section 3: Weighting (For each column you complete, please enter a weight in every non-shaded box. Sub-factor weights can only be entered if factor weights have been completed. Criteria weights can only be entered if sub-factor weights are completed.)

Factor	Sub-Factor	Criteria	Factor Weights	Sub-Factor Weights	Criteria Weights
1. NATURAL ENVIRONMENTAL FACTORS					
	1.1 Fisheries and Aquatic Ecosystems				
	1.1.1	Fish Habitat			
	1.1.2	Fish Community			
	1.2 Terrestrial Ecosystems				
	1.2.1	Wildlife			
	1.2.2	Wetlands			
	1.2.3	Forests (e.g. woodlands [forest stands, woodlots and interior forest habitat] and significant valley lands [valley and stream corridors])			
	1.2.4	Vegetation			
	1.2.5	Designated/Special Areas (such as world biosphere reserves, heritage rivers, ESAs, ESPAs, ANSIs, environmental plan areas, conservation reserves; and the designated special areas of national parks, provincial parks, conservation areas, etc)			
	1.3 Groundwater				
	1.3.1	Areas of Ground water Recharge and Discharge			
	1.3.2	Groundwater Source Areas and Wellhead Protection Areas			
	1.3.3	Large Volume Wells			
	1.3.4	Private Wells			
	1.3.5	Groundwater-Dependent Commercial Enterprises (e.g. water bottling operations)			
	1.3.6	Groundwater-Sensitive Ecosystems (e.g. groundwater fed wetlands, coldwater streams)			
	1.4 Surface Water				
	1.4.1	Watershed / Sub-Watershed Drainage Features/Patterns			
	1.4.2	Surface Water Quality and Quantity			

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Factor	Sub-Factor	Criteria	Factor Weights	Sub-Factor Weights	Criteria Weights
2. LAND USE / SOCIO-ECONOMIC FACTORS					
	2.1 Land Use Planning Policies, Goals, Objectives				
		2.1.1 First Nations Land Claims			
		2.1.2 Provincial/Federal land use planning policies/goals/objectives			
		2.1.3 Municipal (regional and local) land use planning policies/goals/objectives (Official Plans)			
		2.1.4 Development Objectives of Private Property Owners			
	2.2 Land Use / Community				
		2.2.1 First Nation Reserves			
		2.2.2 First Nations' Sacred Grounds			
		2.2.3 Urban and Rural Residential			
		2.2.4 Commercial /Industrial			
		2.2.5 Tourist Areas and Attractions (e.g. museums, theatres, etc.)			
		2.2.6 Community Facilities / Institutions (e.g. hospitals, schools, places of worship, unique community features)			
		2.2.7 Municipal Infrastructure and Public Service Facilities (e.g. sewage and water services, police/emergency services, local utilities)			
		2.2.8 Downtown Historic Crossroads Function			
	2.3 Noise Sensitive Areas (NSAs) (residential areas and sensitive institutional uses)				
		2.3.1 Highway Noise			
		2.3.2 Construction Noise			
	2.4 Agriculture				
		2.4.1 Agriculture - Canada Land Inventory Class 1,2,3 Land			
		2.4.2 Agriculture – Farm Infrastructure			
		2.4.3 Agriculture – Operations on Individual Farms			
		2.4.4 Agriculture – Transportation Linkages between Integrated Agricultural Business Units			
	2.5 Land Use / Resources				
		2.5.1 First Nations' Treaty Rights or Use of Land and Resources for Traditional Purposes (e.g. hunting, fishing, harvesting of country foods, harvesting of medicinal plants)			
		2.5.2 Parks and Recreational Areas (e.g. national/provincial parks, conservation areas, municipal parks, public spaces, golf courses, trails, greenways and open space linkages)			
		2.5.3 Aggregates, Mineral-Resources			
	2.6 Major Utility Transmission Corridors (e.g. railroads, hydro, gas, oil)				

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		2.7 Contaminated Property and Waste Management (e.g. Landfills, Hazardous Waste Sites, "Brownfield" Areas, other known contaminated sites, and high-risk contamination areas)			
		2.8 Landscape Composition			
		2.8.1 Scenic Composition (total aesthetic value of landscape components)			
		2.8.2 Sensitive Viewer Groups			
		2.8.3 Scenic value of views/vistas from the transportation facility			
		2.8.4 Specimen Trees			
		2.9 Air Quality			
		2.9.1 Local and Regional Air Quality (Total contaminant and greenhouse gas emissions)			
		2.9.2 Sensitive receptors to air pollutants and greenhouse gas emissions			

Factor	Sub-Factor	Criteria	Factor Weights	Sub-Factor Weights	Criteria Weights
		3. CULTURAL ENVIRONMENTAL FACTORS			
		3.1 Cultural Heritage – Built Heritage and Cultural Landscapes			
		3.1.1 Buildings or "Standing" Sites of Architectural or Heritage Significance or Ontario Heritage Foundation Easement Properties			
		3.1.2 Heritage Bridges			
		3.1.3 Areas of Historic 19 th Century Settlement			
		3.1.4 Cultural Heritage Landscapes (collection of individual man-made features modifying pristine landscape)			
		3.1.5 First Nations' Burial Sites			
		3.1.6 Cemeteries			
		3.2 Cultural Heritage - Archaeology			
		3.2.1 Pre-Historic and Historic First Nations Sites			
		3.2.2 Historic Euro-Canadian Archaeological Sites			

Factor / Sub-Factor	Criteria	Factor Weights	Sub-Factor Weights	Criteria Weights
	4. AREA ECONOMY – Previously addressed during Needs Assessment Phase			

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Factor	Sub-Factor	Criteria	Factor Weights	Sub-Factor Weights	Criteria Weights
5. TRANSPORTATION FACTORS					
	5.1 Area Transportation System Capacity and Efficiency				
		5.1.1 Federal/Provincial/ Municipal transportation planning policies/goals/ objectives			
		5.1.2 Efficient movement of people			
		5.1.3 Efficient movement of goods			
	5.2 Area Transportation System Reliability / Redundancy				
	5.3 Safety				
		5.3.1 Traffic Safety			
		5.3.2 Emergency Access			
		5.3.3 Pedestrian, Cyclist and Snowmobile Safety within the highway right-of-way			
	5.4 Mobility and Accessibility				
		5.4.1 Modal integration, balance and efficiency			
		5.4.2 Linkages to Population and Employment Centres			
		5.4.3 Recreation and Tourism Travel			
		5.4.4 Accommodate mobility of pedestrians, cyclists and snowmobiles			
	5.5 Network Compatibility				
		5.5.1 Network Connectivity			
		5.5.2 Flexibility for Future Expansion			
	5.6 Engineering				
		5.6.1 Constructability			
		5.6.2 Compliance with Design Criteria			
	5.7 Traffic Operations				
	5.8 Construction Cost (excludes property costs and engineering costs)				

Thank you. Your input is appreciated.