

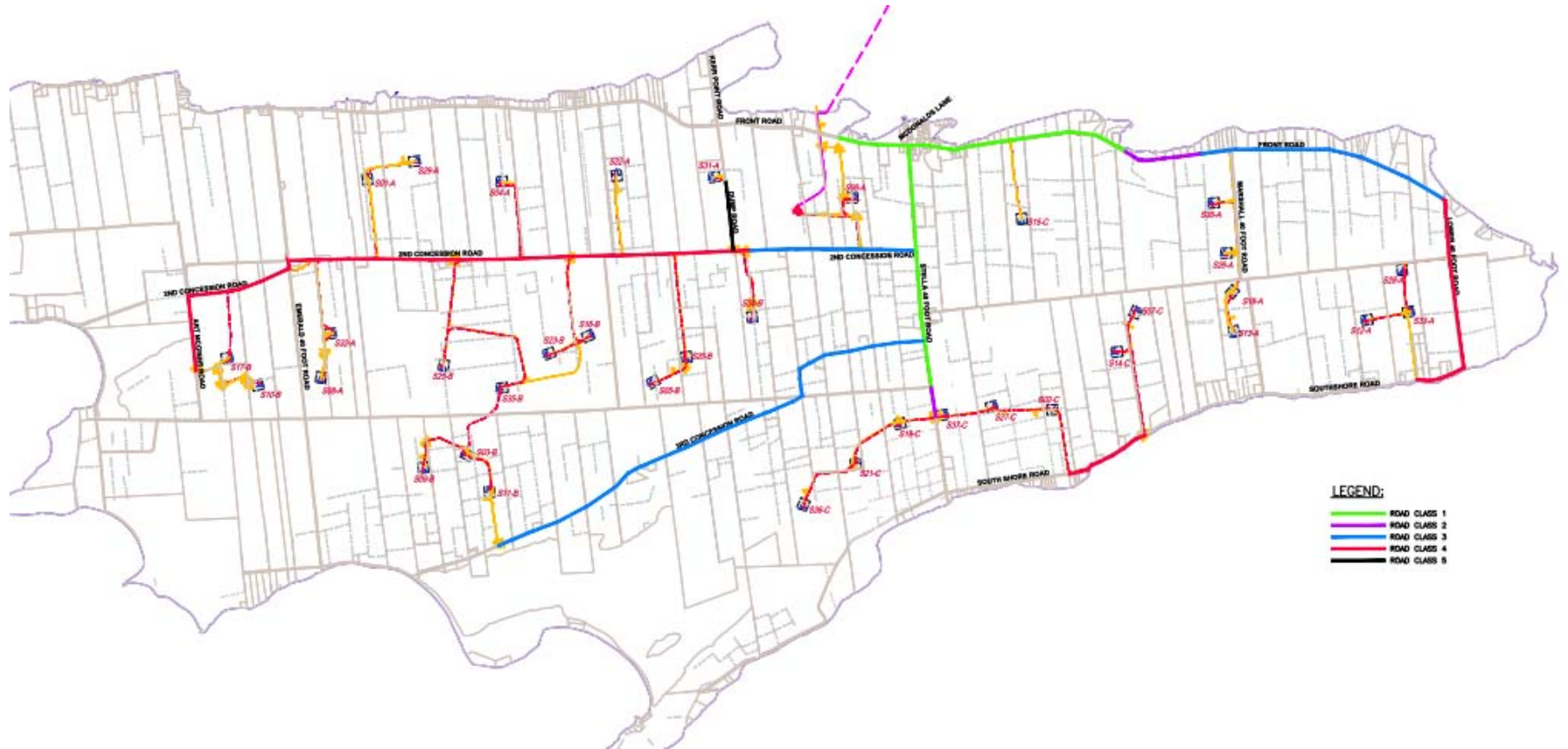


Amherst Island Wind Energy Project

Loyalist Township Town Hall Meeting



Project Status Report



Project Status Report

REA Status

- Draft technical reports submitted to the Township on December 3 and generally to the public on December 27
- Final open houses scheduled for March 5th (Bath) and March 6th (Stella)

REA Documents

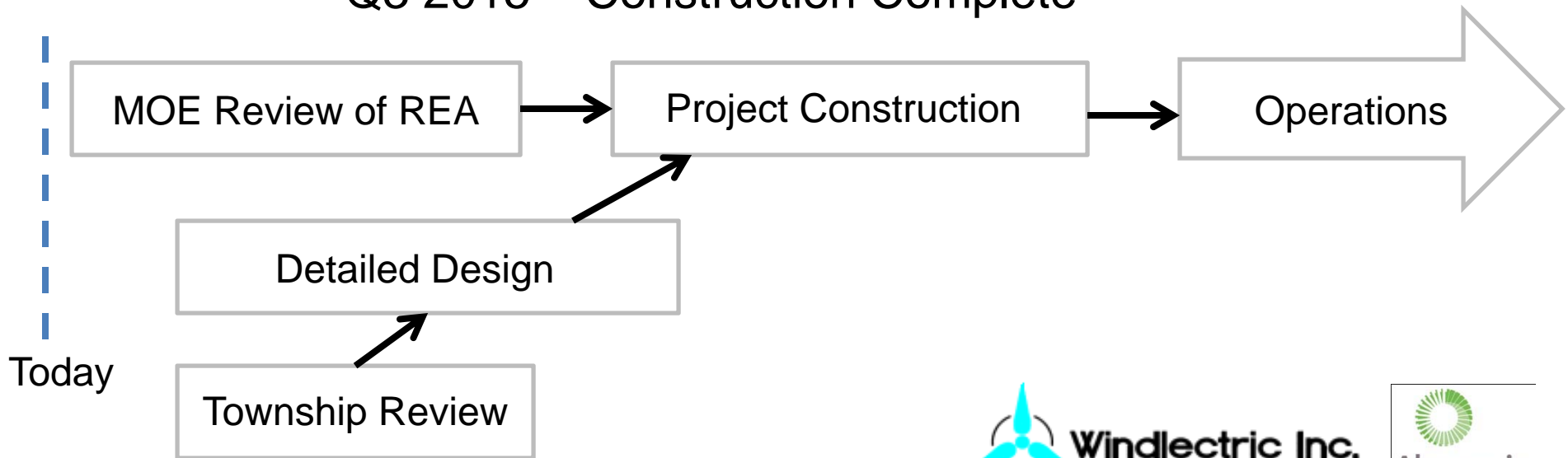
- www.amherstislandwindproject.com
- Hard copies available:
 - Loyalist Township office in Odessa
 - Lennox & Addington office in Napanee



Project Status Report

Anticipated Project Timeline

- Apr 2013 – REA Submission to MOE
- Nov 2013 – Anticipated REA Approval from MOE
- Q3 2014 – Dock Construction Starts
- Q4 2014 – Road Upgrades and Foundations
- Q2 2015 – Turbine Delivery
- Q3 2015 – Construction Complete



Construction Activities

Collection System

To be installed underground either under or beside the road



Construction Activities

Road Construction

Road upgrades completed by laying and compacting gravel



Construction Activities

Road Construction

Culverts installed at access road entrances



Construction Activities

Road Construction

Intersection corners expanded for large equipment



Construction Activities

Material Transport



Transport of raw materials, concrete and other products by standard trucks



Construction Activities

Turbine Transport

Large turbine components will be delivered on specialized trucks

Blades and towers are the longest components



Construction Activities

Turbine Transport

Large turbine components will be delivered on specialized trucks

The heaviest loads are spread over many axles



Construction Activities

Erection crane can be broken down and moved by flatbed



Crane Movements

Expected to be one road crossing walk



Construction Traffic Planning

Concerns

- Will the ferry will be tied up by construction equipment and workers?
- Will road closures will prevent access to parts of the island and delay travel?
- Will construction traffic block the road and delay travel to the ferry or generally around the island?

Construction Traffic Planning

Ferry Use

- Township ferry will not be used for major construction
- Township ferry *might* be used for initial dock construction
- Purpose built private dock and barges

Road Closures

- Any temporary road closures will be communicated
- Road upgrades designed to minimize road closures
- Weekly roads updates: mailboxes, public postings, website
- Portable road signs along affected routes
- No part of the island will be completely inaccessible



Construction Traffic Planning



Construction Traffic Road Blockages

- Staging area to park components before delivery to each wind turbine
- Deliveries will go straight from the staging area to the turbine location
- Concrete trucks will not be parked on public roads
- Erection cranes will not walk along public roads, will be disassembled and taken by truck.

Impacts to the Roads

Concerns

- Permanent damage to the road system
- Poor condition of roads during construction
- Mud and stone on the roads during construction
- Negative impact to ditches and drainage

Impacts to the Roads

Road Use Agreement

- Agreement to protect the roads
- Independent engineer for the Township
- Township review of plans/designs
- Detailed audits before and after

Interim Maintenance

- Safe driving conditions will be maintained throughout construction
- Minimize mud and stone with prompt cleaning

Communication

- Construction Manager will be available for reporting issues



Health and Safety

Concerns

- Will emergency services be blocked or delayed?
- Excessive noise from construction
- Significant dust from construction
- Considerable traffic passing the school



Health and Safety

Emergency Response

- Ensure emergency response services have access between all properties, the fire hall and the ferry dock
- Emergency response mock runs will be completed during early stages of construction

Health and Safety

- Prudent industry practices will be followed to minimize effects arising from the construction activities, e.g. noise & dust
- No movement of components or materials during regular school bus activity
- Strict adherence to speed limits



Preservation of Important Heritage Areas

Concerns

- Damage to the stone fences
- Leveling of important hills
- Damage to historic buildings



Preservation of Important Heritage Areas

Stone Fences

- Avoidance where possible
- Pre/post monitoring, regular inspections

Heritage Buildings

- Vibration monitoring
- Reduced speed as mitigation

St. Paul's Presbyterian

- No plan to “cut” the hill



Preservation of the Natural Environment

Concerns

- Impact to mature trees
- Major trimming of limbs
- Destruction of environmentally sensitive areas



Preservation of the Natural Environment

Tree Trimming/Cutting

- To be done in accordance with the Bylaw under the supervision of a professional arborist

Environmental Approvals

- Construction will be done within the requirements of the REA





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Meeting

