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Operational Excellence Work  
Group  
**Construction Best  
Practices Advancement  
Project – 2016 Project  
Proposal**

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SEPTEMBER 2015



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## 1. Project Contacts

### 1.1. SPONSOR

Byron Neiles – Operational Excellence Work Group Chair

### 1.2. STEERING COMMITTEE

Jeph Virtue, Construction Best Practices Chair

### 1.3. FOUNDATION CONTACT

Kim McCaig, Executive Director

## 2. Problem Statement

**Problem Statement:** How can we improve construction best practices within the Canadian Pipeline Industry?

**Context:** Why are there so many different ways of constructing similar Canadian pipeline projects? Currently, there is not a consensus or a one-stop-shop for construction best practices in the Canadian pipeline industry. Regulators, landowners and industry itself are perplexed at the variance in construction practices and it hurts the credibility of the pipeline industry. The industry needs to ensure we achieve cost effectiveness and maintain our social license to construct and operate.

**Purpose:** Hold a workshop to identify the top 3 construction practices that would provide the most benefit to stakeholders by balancing cost effectiveness with a demonstration of due diligence to maintain a social license to construct and operate. Develop charters for each construction practice that layout the plan for developing the best practices for the top 3. Once the charters are complete, another proposal will be developed for CEPA consideration to move forward to develop the best practices.

**Examples of construction practices:** Construction footprint/working space, restricted access periods, road crossing bores, water crossings, traffic movements/planning, construction ovality, site dewatering, weed control.

**What it is not:** The intent is not to duplicate any work that is currently covered by the existing Quality, Safety or Inspection Certification areas.

## 3. Expected Audience

Canadian pipeline owners, construction contractors and subject matter experts in pipeline construction best practices.

## 4. Outreach

CEPA has an opportunity to publicly share construction best practices in order to satisfy regulators, landowners and industry that we are offering the most effective construction best practices where there is an impact on landowner's use of their property, the environment and the regulators' perception of the pipeline industry.

## 5. Benefits to Foundation Membership

Improve construction best practices so they are effective and do not erode our social license to construct and operate. Gain credibility with landowners, environmental agencies and stakeholders and inspire confidence internal and external to the industry. This aligns with the Foundation's commitment to improve quality culture throughout the industry.

## 6. Possible Contractors

Subject matter experts in pipeline construction best practices, workshop facilitators and administrators.

## 7. High Level Estimated Cost

Workshop - \$25,000

## 8. Desired Completion Date

Workshop - 1Q, 2016

## 9. High Level Methodology

1. Meet with pipeline owners to determine workshop attendee list, agenda, duration and proposed timing of workshop.
2. Invite proposed attendees.
3. Hold workshop.
  - a. Brainstorm common construction issues and practices
  - b. Prioritize based on impact to landowners, environment, regulatory credibility and industry value.
  - c. Select top 3 recommended focus areas or topics where construction best practices would provide the most benefit
  - d. Assign work groups for each potential construction practice to develop a charter complete with a proposed plan for advancing the development of a best practice for each recommended focus area or topic
  - e. Prepare a project proposal to the CEPA foundation for next steps to advance the development of the construction best practices.